| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212 0103 N-1 | COOK | 282 | 1 |
| | ILLINOIS | CONTRACT NO. 62G37 | | |

06-16-2023 LETTING ITEM 116

**SUBSURFACE UTILITY ENGINEERING (S.U.E.) UTILIZED ON THIS PROJECT**

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

**TRAFFIC DATA:**
2014 ADT = 19,800 TO 21,200 VPD
P.V. = 96% TO 98%
TRUCKS = 2% TO 4%
POSTED SPEED = 35 MPH

**MUNICIPALITIES:**
CITY OF COUNTRYSIDE,
VILLAGE OF LA GRANGE,
VILLAGE OF WESTERN SPRINGS
LYONS TOWNSHIP

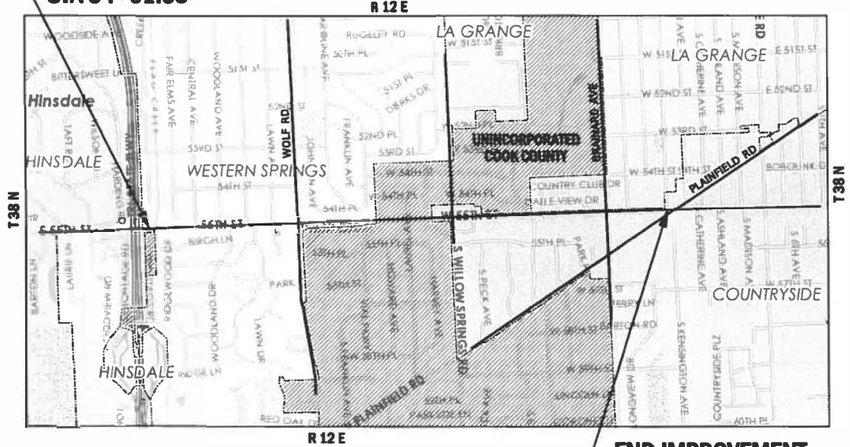
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

# PROPOSED HIGHWAY PLANS

## FAU ROUTE 1504 (55TH ST.)
## SECTION 212-0103 N-1
## PROJECT STP-BP74 (025)
## 3R RESURFACING AND WIDENING
## COOK COUNTY

C-91-192-18

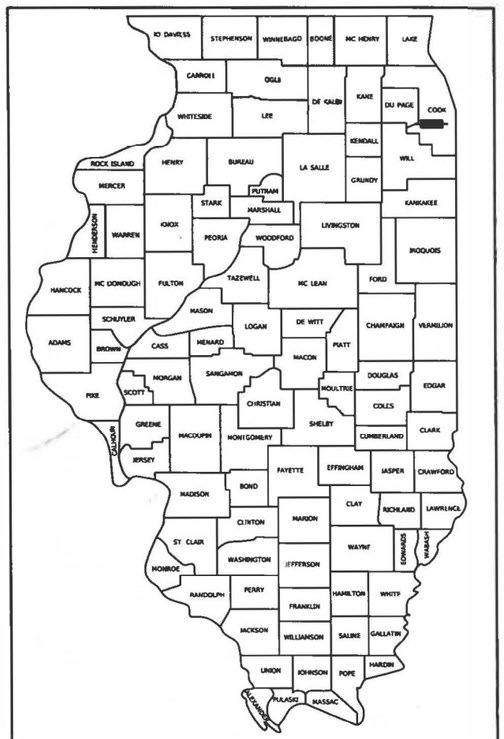
**BEGIN IMPROVEMENT**
**STA 54+61.53**




**END IMPROVEMENT**
**STA 139+99.61**

**LOCATION MAP**
**NOT TO SCALE**

D-91-292-18




**FUNCTIONAL CLASSIFICATION:**
**URBAN MINOR ARTERIAL**

GROSS LENGTH = 8,538.08 FT. = 1.617 MILE
NET LENGTH = 8,538.08 FT. = 1.617 MILE

100' 200' 300' — 1" = 100'
10' 20' 30' — 1" = 16'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' 100' — 1" = 30'
0 50' 100' — 1" = 20'

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

**PROJECT MANAGER: MR. JOSEPH CROSS, P.E., P.L.S., (847) 705-4605**
**PROJECT ENGINEER: MR. TIM SCHMIDT, (847) 705-4238**

**CONTRACT NO. 62G37**

ERIC J. GRZESKOWIAK 062-054484 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
ERIC GRZESKOWIAK
BOWMAN CONSULTING GROUP, LTD.
SHEETS 1-125, 142-147, 149, 154-159, 161-182, 195-197, 229-282

STATE OF ILLINOIS ARTHUR J. NOWAK 81-5894 CHICAGO, ILLINOIS LICENSED STRUCTURAL ENGINEER
ARTHUR NOWAK
BOWMAN CONSULTING GROUP, LTD.
SHEETS 223-228

JOSEPH A REGIS 47296 LICENSED PROFESSIONAL ENGINEER STATE OF ILLINOIS
JOSEPH A. REGIS
AMES ENGINEERING, INC.
SHEETS 148, 150-153, 160

TOBY C. MICKEY 062-053237 LICENSED PROFESSIONAL ENGINEER STATE OF ILLINOIS
TOBY C. MICKEY
AMES ENGINEERING, INC.
SHEETS 183-194, 198-222

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-614-6310
www.bowman.com

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 23 2023
REGIONAL ENGINEER
May 12, 2023
ENGINEER OF DESIGN AND ENVIRONMENT
May 12, 2023
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS**

REV-SEP

## INDEX OF SHEETS


| | |
|---|---|
| 1 | COVER SHEET |
| 2 | INDEX OF SHEETS AND HIGHWAY STANDARDS |
| 3 | GENERAL NOTES AND COMMITMENTS |
| 4-24 | SUMMARY OF QUANTITIES |
| 25-28 | TYPICAL SECTIONS |
| 29-36 | SCHEDULES OF QUANTITIES |
| 37-39 | ALIGNMENTS, TIES, AND BENCHMARKS |
| 40-49 | EXISTING PLAN AND REMOVALS |
| 50-67 | PROPOSED PLAN AND PROFILE |
| 68 | MAINTENANCE OF TRAFFIC STAGING NOTES |
| 69-70 | MAINTENANCE OF TRAFFIC TYPICAL SECTIONS |
| 71-77 | MAINTENANCE OF TRAFFIC STAGE 1 |
| 78-84 | MAINTENANCE OF TRAFFIC STAGE 2 |
| 85-91 | MAINTENANCE OF TRAFFIC STAGE 3 |
| 92 | EROSION AND SEDIMENT CONTROL GENERAL NOTES |
| 93-97 | EROSION AND SEDIMENT CONTROL PLAN |
| 98-107 | EXISTING DRAINAGE PLAN AND REMOVALS |
| 108-125 | DRAINAGE PLAN AND PROFILE |
| 126-129 | SUBSURFACE UTILITY ENGINEERING |
| 130-141 | PLAT OF HIGHWAYS |
| 142-160 | ADA RAMP DETAILS |
| 161 | ORNAMENTAL FENCE AND BLOCK WALL DETAILS |
| 162-163 | DRIVEWAY DETAILS |
| 164-165 | DRAINAGE DETAILS |
| 166-172 | PAVEMENT MARKING AND SIGNAGE PLAN |
| 173-181 | LANDSCAPE PLAN |
| 182 | SCHEDULE OF QUANTITIES FOR LANDSCAPE PERENNIALS |
| 183-190 | IDOT DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS |
| 191-197 | TRAFFIC SIGNAL - 55TH STREET AT WOLF ROAD |
| 198-204 | TRAFFIC SIGNAL - 55TH STREET AT LAUREL AVENUE |
| 205-211 | TRAFFIC SIGNAL - 55TH STREET AT WILLOW SPRINGS ROAD |
| 212-218 | TRAFFIC SIGNAL - 55TH STREET AT BRAINARD AVENUE |
| 219-222 | TRAFFIC SIGNAL INTERCONNECT |
| 223-228 | CULVERT EXTENSION PLANS |
| 229 | DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15' (4.5M) |
| 230 | BENCHING DETAIL FOR EMBANKMENT WIDENING |
| 231 | TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS |
| 232 | TC-11 TYPICAL APPLICATIONS, RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) |
| 233 | TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS |
| 234 | TC-16 SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS |
| 235 | TC-22 ARTERIAL ROAD INFORMATION SIGN |
| 236 | TC-26 DRIVEWAY ENTRANCE SIGNING |
| 237-280 | 55TH STREET CROSS SECTIONS |
| 281-282 | WILLOW SPRINGS ROAD CROSS SECTIONS |


## HIGHWAY STANDARDS

| | |
|---|---|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 424001-11 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| 424006-05 | DIAGONAL CURB RAMPS FOR SIDEWALKS |
| 424011-04 | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS |
| 424016-05 | MID-BLOCK CURB RAMPS FOR SIDEWALKS |
| 424021-06 | DEPRESSED CORNER FOR SIDEWALKS |
| 424026-03 | ENTRANCE/ALLEY PEDESTRIAN CROSSINGS |
| 442001-04 | CLASS A PATCHES |
| 442101-09 | CLASS B PATCHES |
| 442201-03 | CLASS C AND D PATCHES |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 601001-05 | PIPE UNDERDRAINS |
| 602001-02 | CATCH BASIN, TYPE A |
| 602301-04 | INLET, TYPE A |
| 602306-03 | INLET, TYPE B |
| 602401-07 | PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER |
| 602402-03 | PRECAST MANHOLE, TYPE A, 5' (1.22 M) DIAMETER |
| 602406-11 | MANHOLE, TYPE A, 6' (1.83 M) DIAMETER |
| 602601-06 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP |
| 602701-02 | MANHOLE STEPS |
| 604036-03 | GRATE, TYPE 8 |
| 604051-04 | FRAME AND GRATE, TYPE 11 |
| 604056-04 | FRAME AND GRATE, TYPE 11V |
| 604091-05 | FRAME AND GRATE, TYPE 24 |
| 606001-08 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 630001-12 | STEEL PLATE BEAM GUARDRAIL |
| 630301-09 | SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS |
| 631011-10 | TRAFFIC BARRIER TERMINAL, TYPE 2 |
| 630106-02 | LONG-SPAN GUARDRAIL OVER CULVERT |
| 701101-05 | OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE |
| 701106-02 | OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY |
| 701427-05 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ? 40 MPH |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED |
| 701606-10 | URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN |
| 701611-01 | URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE, INTERSECTION |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS |
| 725001-01 | OBJECT AND TERMINAL MARKERS |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |
| 729001-01 | APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS) |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 781001-04 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |
| 782001-01 | CURB REFLECTORS |
| 782006-01 | GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS |
| 814001-03 | HANDHOLES |
| 814006-03 | DOUBLE HANDHOLES |
| 857001-01 | STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES |
| 862001-01 | UNINTERRUPTABLE POWER SUPPLY (UPS) |
| 873001-02 | TRAFFIC SIGNAL GROUNDING & BONDING |
| 877001-08 | STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55' |
| 878001-11 | CONCRETE FOUNDATION DETAILS |
| 880001-01 | SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION |
| 880006-01 | TRAFFIC SIGNAL MOUNTING DETAILS |
| 886001-01 | DETECTOR LOOP INSTALLATIONS |


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-346-2360
www.bowman.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS**

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 2 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-generated0_.dgn

## GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

2. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILLAGE OF WESTERN SPRINGS, LYONS TOWNSHIP, CITY OF COUNTRYSIDE AND VILLAGE OF LA GRANGE.

4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON LOCAL RIGHT OF WAY WITHOUT PRIOR WRITTEN PERMISSION FROM THE LOCAL MUNICIPALITY OR PROPERTY OWNER.

5. USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATIONS, FOR ALL PAVEMENT TO PAVEMENT TIES. USE #6 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATIONS, FOR ALL CURB & GUTTER TO PAVEMENT TIES.

6. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

7. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

8. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

9. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

10. THE ENGINEER SHALL CONTACT EMAD ALHUSSEINI, TRAFFIC FIELD ENGINEER, AT EMAD.ALHUSSEINI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

11. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED THEIR LOCATION.

12. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

13. THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

14. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A A SEPARATE PAY ITEM HAS BEEN PROVIDED.

15. FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID UNLESS OTHERWISE SPECIFIED IN THE PLANS.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.

17. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

18. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

19. SAWING OF REMOVAL ITEMS AS NOTED ON THE PLANS, SPECIFIED IN THE STANDARD SPECIFICATIONS, OR AS REQUIRED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

20. THE WORK REQUIRED TO CONNECT ANY STORM OR SANITARY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

21. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

22. ONLY THOSE TREES DESIGNATED BY THE ENGINEER, LISTED IN THE TREE REMOVAL SCHEDULE, OR SHOWN IN THE PLANS SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

23. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT.

24. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

25. THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM SEWER, WATER MAIN, SANITARY SEWER, AND OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE PER ARTICLES 105.07 AND 107.31 OF THE STANDARD SPECIFICATIONS. WHEN REQUIRED, LOCATING UTILITIES SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR EXPLORATION TRENCH, SPECIAL.

26. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE LOCAL MUNICIPALITIES. ALL TREE PROTECTION, REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

27. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BER SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC TO THE REMAINING TREE STRUCTURE. THE EXPENSE OF ANY REQUIRED HAND EXCAVATION AND/OR THE CUTTING OF MAJOR TREE ROOTS, AS DESCRIBED ABOVE, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT LINE ITEM BEING REMOVED OR INSTALLED AT THAT LOCATION. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

28. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: NICOR GAS, COMED, COMCAST CABLE, AT&T,

29. STORM SEWER WATER MAIN IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN INVERT IS LESS THAN 1.5 FEET ABOVE THE TOP OF THE STORM SEWER.

30. THE HMA SURFACE OF ALL PRIVATE ENTRANCES, COMMERCIAL ENTRANCES AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAWCUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF HMA SURFACE.

31. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS, IN ORDER THAT THESE LOCATIONS CAN BE RE-STABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

32. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

33. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

34. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

35. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.

36. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION WILL NOT BE ALLOWED.

37. THE CONTRACTOR SHALL CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171 AT LEAST TWO WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK.

38. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTORS RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

39. PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THIS CONTRACT. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).

40. A NOMINAL QUANTITY FOR THE PAY ITEM "MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS" HAS BEEN ADDED TO THE PLANS. THIS ITEM SHALL BE USED AT THE DIRECTION OF THE ENGINEER.

41. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

## COMMITMENTS

NONE

MODEL: Default
FILE NAME: X:\900 Drawings\302 CADD Sheets\D1626G37-sht-gennote02.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS**

SCALE: NONE | SHEET 2 OF 2 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 3 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| | 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 342 | 342 | | | | | |
| | 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 149 | 149 | | | | | |
| | 20100500 | TREE REMOVAL, ACRES | ACRE | 0.3 | 0.3 | | | | | |
| * | 20101100 | TREE TRUNK PROTECTION | EACH | 26 | 26 | | | | | |
| * | 20101200 | TREE ROOT PRUNING | EACH | 10 | 10 | | | | | |
| * | 20101300 | TREE PRUNING (1 TO 10 INCH DIAMETER) | EACH | 10 | 10 | | | | | |
| * | 20101350 | TREE PRUNING (OVER 10 INCH DIAMETER) | EACH | 15 | 15 | | | | | |
| | 20200100 | EARTH EXCAVATION | CU YD | 3,571 | 3,571 | | | | | |
| | 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 3,047 | 3,047 | | | | | |
| | 20400800 | FURNISHED EXCAVATION | CU YD | 898 | 898 | | | | | |
| | 20700220 | POROUS GRANULAR EMBANKMENT | CU YD | 60 | 60 | | | | | |
| | 20800150 | TRENCH BACKFILL | CU YD | 8,030 | 8,030 | | | | | |
| | 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 943 | 943 | | | | | |
| * | 21101605 | TOPSOIL FURNISH AND PLACE, 2" | SQ YD | 9,847 | 9,847 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

MODEL: Default
FILE NAME: X:\500 Drawings\502 C4DD Sheets\D162G37-sht-50001.dgn

Bowman
10 S. LaSalle Street, Suite 2710
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 1 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 4 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| * | 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 9,067 | 9,067 | | | | | |
| * | 21101630 | TOPSOIL FURNISH AND PLACE, 8" | SQ YD | 559 | 559 | | | | | |
| * | 25000210 | SEEDING, CLASS 2A | ACRE | 1.9 | 1.9 | | | | | |
| * | 25000310 | SEEDING, CLASS 4 | ACRE | 1.9 | 1.9 | | | | | |
| * | 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 175 | 175 | | | | | |
| * | 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 175 | 175 | | | | | |
| * | 25100115 | MULCH, METHOD 2 | ACRE | 5.9 | 5.9 | | | | | |
| * | 25100630 | EROSION CONTROL BLANKET | SQ YD | 9,676 | 9,676 | | | | | |
| * | 25200110 | SODDING, SALT TOLERANT | SQ YD | 30 | 30 | | | | | |
| * | 25200200 | SUPPLEMENTAL WATERING | UNIT | 1.5 | 1.5 | | | | | |
| * | 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 762 | 762 | | | | | |
| * | 28000305 | TEMPORARY DITCH CHECKS | FOOT | 170 | 170 | | | | | |
| * | 28000400 | PERIMETER EROSION BARRIER | FOOT | 9,633 | 9,633 | | | | | |
| * | 28000510 | INLET FILTERS | EACH | 66 | 66 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

MODEL: Default
FILE NAME: X:\500 Drawings\502 C4DD Sheets\D162G37-sht-50002.dgn

Bowman
10 S. LaSalle Street, Suite 2710
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 2 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 5 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| 28100105 | STONE RIPRAP, CLASS A3 | SQ YD | 74 | 74 | | | | | |
| 28100107 | STONE RIPRAP, CLASS A4 | SQ YD | 29 | 29 | | | | | |
| 28200200 | FILTER FABRIC | SQ YD | 102 | 102 | | | | | |
| 30300112 | AGGREGATE SUBGRADE IMPROVEMENT 12" | SQ YD | 10,398 | 10,398 | | | | | |
| 31101180 | SUBBASE GRANULAR MATERIAL, TYPE B 2" | SQ YD | 2,279 | 2,279 | | | | | |
| 35101600 | AGGREGATE BASE COURSE, TYPE B 4" | SQ YD | 571 | 571 | | | | | |
| 35101800 | AGGREGATE BASE COURSE, TYPE B 6" | SQ YD | 4,149 | 4,149 | | | | | |
| 35102000 | AGGREGATE BASE COURSE, TYPE B 8" | SQ YD | 29 | 29 | | | | | |
| 35501307 | HOT-MIX ASPHALT BASE COURSE, 5 3/4" | SQ YD | 273 | 273 | | | | | |
| 35501316 | HOT-MIX ASPHALT BASE COURSE, 8" | SQ YD | 3,131 | 3,131 | | | | | |
| 35600690 | HOT-MIX ASPHALT BASE COURSE WIDENING, 5 3/4" | SQ YD | 1,016 | 1,016 | | | | | |
| 35600708 | HOT-MIX ASPHALT BASE COURSE WIDENING, 8" | SQ YD | 1,569 | 1,569 | | | | | |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 1,570 | 1,570 | | | | | |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 24,163 | 24,163 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - |
| | DRAWN - JTF | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 3 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 6 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 C40D Sheets\D162G37-sht-50003.dgn

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 80% FEDERAL / 20% STATE | | | | | |
| | | | | ROADWAY | TRAFFIC SIGNALS | | | | |
| | | | | | WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
| | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| | | | | | | | | | |
| 40600370 | LONGITUDINAL JOINT SEALANT | FOOT | 31,793 | 31,793 | | | | | |
| | | | | | | | | | |
| 40600400 | MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS | TON | 200 | 200 | | | | | |
| | | | | | | | | | |
| 40603200 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON | 2,499 | 2,499 | | | | | |
| | | | | | | | | | |
| 40604060 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 | TON | 793 | 793 | | | | | |
| | | | | | | | | | |
| 40604062 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 | TON | 109 | 109 | | | | | |
| | | | | | | | | | |
| 40605026 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 | TON | 5,930 | 5,930 | | | | | |
| | | | | | | | | | |
| 42001300 | PROTECTIVE COAT | SQ YD | 6,450 | 6,450 | | | | | |
| | | | | | | | | | |
| 42300200 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH | SQ YD | 174 | 174 | | | | | |
| | | | | | | | | | |
| 42300400 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH | SQ YD | 67 | 67 | | | | | |
| | | | | | | | | | |
| 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SQ FT | 19,996 | 19,996 | | | | | |
| | | | | | | | | | |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 823 | 823 | | | | | |
| | | | | | | | | | |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 2,908 | 2,908 | | | | | |
| | | | | | | | | | |
| 44000156 | HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" | SQ YD | 915 | 915 | | | | | |
| | | | | | | | | | |
| 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SQ YD | 33,657 | 33,657 | | | | | |
| | | | | | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 4 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 7 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-50004.dgn

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | TRAFFIC SIGNALS: LAUREL AVENUE | TRAFFIC SIGNALS: WILLOW SPRINGS ROAD | TRAFFIC SIGNALS: BRAINARD AVENUE | TRAFFIC SIGNALS: INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 2,249 | 2,249 | | | | | |
| 44000300 | CURB REMOVAL | FOOT | 1,491 | 1,491 | | | | | |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 11,569 | 11,569 | | | | | |
| 44000600 | SIDEWALK REMOVAL | SQ FT | 8,212 | 8,212 | | | | | |
| 44201292 | DOWEL BARS 5/8" | EACH | 48 | 48 | | | | | |
| 44201785 | CLASS D PATCHES, TYPE I, 12 INCH | SQ YD | 16 | 16 | | | | | |
| 44201789 | CLASS D PATCHES, TYPE II, 12 INCH | SQ YD | 210 | 210 | | | | | |
| 44201794 | CLASS D PATCHES, TYPE III, 12 INCH | SQ YD | 297 | 297 | | | | | |
| 44201796 | CLASS D PATCHES, TYPE IV, 12 INCH | SQ YD | 245 | 245 | | | | | |
| 48101498 | AGGREGATE SHOULDERS, TYPE B 4" | SQ YD | 31 | 31 | | | | | |
| 48203004 | HOT-MIX ASPHALT SHOULDERS, 1 3/4" | SQ YD | 914 | 914 | | | | | |
| 50102400 | CONCRETE REMOVAL | CU YD | 1.5 | 1.5 | | | | | |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | 17 | 17 | | | | | |
| 50200100 | STRUCTURE EXCAVATION | CU YD | 17 | 17 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 5 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 8 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-50005.dgn

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| | 50300225 | CONCRETE STRUCTURES | CU YD | 6 | 6 | | | | | |
| | 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 820 | 820 | | | | | |
| * | 52200800 | SEGMENTAL CONCRETE BLOCK WALL | SQ FT | 22 | 22 | | | | | |
| | 54001001 | BOX CULVERT END SECTIONS, CULVERT NO. 1 | EACH | 1 | 1 | | | | | |
| | 54010404 | PRECAST CONCRETE BOX CULVERTS 4' X 4' | FOOT | 16 | 16 | | | | | |
| | 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | EACH | 2 | 2 | | | | | |
| | 542A1057 | PIPE CULVERTS, CLASS A, TYPE 2 12" | FOOT | 40 | 40 | | | | | |
| | 550A0340 | STORM SEWERS, CLASS A, TYPE 2 12" | FOOT | 2,315 | 2,315 | | | | | |
| | 550A0360 | STORM SEWERS, CLASS A, TYPE 2 15" | FOOT | 945 | 945 | | | | | |
| | 550A0380 | STORM SEWERS, CLASS A, TYPE 2 18" | FOOT | 80 | 80 | | | | | |
| | 550A0410 | STORM SEWERS, CLASS A, TYPE 2 24" | FOOT | 215 | 215 | | | | | |
| | 550A0430 | STORM SEWERS, CLASS A, TYPE 2 30" | FOOT | 195 | 195 | | | | | |
| | 550A0450 | STORM SEWERS, CLASS A, TYPE 2 36" | FOOT | 325 | 325 | | | | | |
| | 550A0470 | STORM SEWERS, CLASS A, TYPE 2 42" | FOOT | 300 | 300 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-SOQ06.dgn

Bowman
10 S. LaSalle Street, Suite 3710
Chicago, Illinois 60603
312-494-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - |
| | DRAWN - JTF | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 6 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 9 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| | 55100500 | STORM SEWER REMOVAL 12" | FOOT | 1,503 | 1,503 | | | | | |
| | 55100700 | STORM SEWER REMOVAL 15" | FOOT | 481 | 481 | | | | | |
| | 55100900 | STORM SEWER REMOVAL 18" | FOOT | 1,598 | 1,598 | | | | | |
| | 55101200 | STORM SEWER REMOVAL 24" | FOOT | 496 | 496 | | | | | |
| | 55101400 | STORM SEWER REMOVAL 30" | FOOT | 351 | 351 | | | | | |
| | 56109210 | WATER VALVES TO BE ADJUSTED | EACH | 7 | 7 | | | | | |
| * | 56400400 | FIRE HYDRANTS TO BE RELOCATED | EACH | 1 | 1 | | | | | |
| | 60108204 | PIPE UNDERDRAINS, TYPE 2, 4" | FOOT | 1,020 | 1,020 | | | | | |
| | 60200805 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE | EACH | 5 | 5 | | | | | |
| | 60201340 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE | EACH | 43 | 43 | | | | | |
| | 60205040 | CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE | EACH | 5 | 5 | | | | | |
| | 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 26 | 26 | | | | | |
| | 60221100 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 2 | 2 | | | | | |
| | 60223800 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 2 | 2 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanva.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - |
| | DRAWN - JTF | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 7 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 10 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\302 C4DD Sheets\D162G37-sht-50007.dgn

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE 80% FEDERAL / 20% STATE | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | ROADWAY | TRAFFIC SIGNALS | | | | |
| | | | | | WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
| | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| | | | | | | | | | |
| 60224005 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE | EACH | 2 | 2 | | | | | |
| | | | | | | | | | |
| 60236200 | INLETS, TYPE A, TYPE 8 GRATE | EACH | 8 | 8 | | | | | |
| | | | | | | | | | |
| 60236800 | INLETS, TYPE A, TYPE 11 FRAME AND GRATE | EACH | 2 | 2 | | | | | |
| | | | | | | | | | |
| 60237470 | INLETS, TYPE A, TYPE 24 FRAME AND GRATE | EACH | 10 | 10 | | | | | |
| | | | | | | | | | |
| 60240301 | INLETS, TYPE B, TYPE 8 GRATE | EACH | 2 | 2 | | | | | |
| | | | | | | | | | |
| 60240310 | INLETS, TYPE B, TYPE 11 FRAME AND GRATE | EACH | 3 | 3 | | | | | |
| | | | | | | | | | |
| 60240328 | INLETS, TYPE B, TYPE 24 FRAME AND GRATE | EACH | 3 | 3 | | | | | |
| | | | | | | | | | |
| 60254105 | CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 11V FRAME AND GRATE | EACH | 2 | 2 | | | | | |
| | | | | | | | | | |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 18 | 18 | | | | | |
| | | | | | | | | | |
| 60257900 | MANHOLES TO BE RECONSTRUCTED | EACH | 8 | 8 | | | | | |
| | | | | | | | | | |
| 60260100 | INLETS TO BE ADJUSTED | EACH | 2 | 2 | | | | | |
| | | | | | | | | | |
| 60260400 | INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID | EACH | 1 | 1 | | | | | |
| | | | | | | | | | |
| 60265700 | VALVE VAULTS TO BE ADJUSTED | EACH | 3 | 3 | | | | | |
| | | | | | | | | | |
| 60402210 | GRATES, TYPE 8 | EACH | 1 | 1 | | | | | |
| | | | | | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - |
| | DRAWN - JTF | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 8 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 11 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 C40D Sheets\D162G37-sht-50008.dgn

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE 80% FEDERAL / 20% STATE | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ROADWAY | TRAFFIC SIGNALS | | | | |
| | | | | | | WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| | 60500040 | REMOVING MANHOLES | EACH | 16 | 16 | | | | | |
| | 60500060 | REMOVING INLETS | EACH | 35 | 35 | | | | | |
| | 60500705 | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | EACH | 7 | 7 | | | | | |
| | 60600605 | CONCRETE CURB, TYPE B | FOOT | 679 | 679 | | | | | |
| | 60603800 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | FOOT | 512 | 512 | | | | | |
| | 60605000 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | FOOT | 8,665 | 8,665 | | | | | |
| | 60605300 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED) | FOOT | 2,401 | 2,401 | | | | | |
| □ | 60905305 | BOX CULVERTS TO BE CLEANED | FOOT | 90 | 90 | | | | | |
| * | 63000003 | STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS | FOOT | 887.5 | 887.5 | | | | | |
| * | 63100045 | TRAFFIC BARRIER TERMINAL, TYPE 2 | EACH | 1 | 1 | | | | | |
| * | 63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 1 | 1 | | | | | |
| * | 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 1,670 | 1,670 | | | | | |
| * | 66900530 | SOIL DISPOSAL ANALYSIS | EACH | 15 | 15 | | | | | |
| * | 66901001 | REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN | L SUM | 1 | 1 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

□ NON-PART 100% STATE

MODEL: Default
FILE NAME: X:\500 Drawings\502 C4DD Sheets\D162G37-sht-50009.dgn

Bowman
10 S. LaSalle Street, Suite 2710
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - |
| | DRAWN - JTF | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 9 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 12 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

REV-SEP

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| * | 66901003 | REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT | L SUM | 1 | 1 | | | | | |
| * | 66901006 | REGULATED SUBSTANCES MONITORING | DAYS | 40 | 40 | | | | | |
| | 67100100 | MOBILIZATION | L SUM | 1 | 1 | | | | | |
| | 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 231 | 231 | | | | | |
| | 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 12,524 | 12,524 | | | | | |
| | 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 25,628 | 25,628 | | | | | |
| | 70307100 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE | SQ FT | 1,098 | 1,098 | | | | | |
| | 70307120 | TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE | FOOT | 62,617 | 62,617 | | | | | |
| | 70307130 | TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE | FOOT | 4,088 | 4,088 | | | | | |
| | 70307210 | TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE | FOOT | 1,082 | 1,082 | | | | | |
| * | 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 112 | 20 | 23 | 27 | 12 | 30 | |
| * | 72000200 | SIGN PANEL - TYPE 2 | SQ FT | 24 | | | | 24 | | |
| * | 72400500 | RELOCATE SIGN PANEL ASSEMBLY - TYPE A | EACH | 6 | 6 | | | | | |
| * | 72400600 | RELOCATE SIGN PANEL ASSEMBLY - TYPE B | EACH | 11 | 11 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

MODEL: Default
FILE NAME: X:\500 Drawings\502 C4DD Sheets\D162G37-sht-50010.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - |
| | DRAWN - JTF | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 10 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 13 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| * | 72400710 | RELOCATE SIGN PANEL - TYPE 1 | SQ FT | 81 | 81 | | | | | |
| * | 72501000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 1 | 1 | | | | | |
| * | 72800100 | TELESCOPING STEEL SIGN SUPPORT | FOOT | 117 | 117 | | | | | |
| * | 72900100 | METAL POST - TYPE A | FOOT | 168 | 168 | | | | | |
| * | 72900200 | METAL POST - TYPE B | FOOT | 116 | 116 | | | | | |
| * | 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 924 | 924 | | | | | |
| * | 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 35,039 | 35,039 | | | | | |
| * | 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 4,332 | 4,332 | | | | | |
| * | 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 3,917 | 3,917 | | | | | |
| * | 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 730 | 730 | | | | | |
| * | 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 1,007 | 1,007 | | | | | |
| * | 78200005 | GUARDRAIL REFLECTORS, TYPE A | EACH | 7 | 7 | | | | | |
| * | 81028200 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 7,728 | | 736 | 806 | 872 | 896 | 4,418 |
| * | 81028220 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 548 | | 115 | 135 | 125 | 173 | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - |
| | DRAWN - JTF | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 11 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 14 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-50011.dgn

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| * | 81028240 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 1,607 | | 449 | 346 | 413 | 399 | |
| * | 81400100 | HANDHOLE | EACH | 23 | | 4 | 4 | 5 | 4 | 6 |
| * | 81400200 | HEAVY-DUTY HANDHOLE | EACH | 8 | | 2 | 2 | 2 | 2 | |
| * | 81400300 | DOUBLE HANDHOLE | EACH | 8 | | 2 | 2 | 2 | 2 | |
| * | 85000200 | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 | | | | | | 1 |
| * | 86400100 | TRANSCEIVER - FIBER OPTIC | EACH | 4 | | | | | | 4 |
| * | 87300925 | ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C | FOOT | 6,929 | | | | | | 6,929 |
| * | 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 4,780 | | 1,302 | 1,047 | 1,213 | 1,218 | |
| * | 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 6,332 | | 1,642 | 1,437 | 1,625 | 1,628 | |
| * | 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 7,587 | | 2,283 | 2,225 | 1,348 | 1,731 | |
| * | 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 5,647 | | 1,548 | 666 | 1,926 | 1,507 | |
| * | 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 7,317 | | 1,863 | 1,756 | 1,892 | 1,806 | |
| * | 87301805 | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C | FOOT | 824 | | 147 | 180 | 181 | 316 | |
| * | 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 2,832 | | 803 | 614 | 685 | 730 | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

MODEL: Default
FILE NAME: X:\500 Drawings\502 C&DD Sheets\D162G37-sht-50012.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - |
| | DRAWN - JTF | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 12 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 15 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| * | 87502500 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 17 | | 4 | 4 | 4 | 5 | |
| * | 87700160 | STEEL MAST ARM ASSEMBLY AND POLE, 24 FT. | EACH | 1 | | | 1 | | | |
| * | 87700170 | STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. | EACH | 1 | | | 1 | | | |
| * | 87700180 | STEEL MAST ARM ASSEMBLY AND POLE, 28 FT. | EACH | 1 | | | | | 1 | |
| * | 87700200 | STEEL MAST ARM ASSEMBLY AND POLE, 32 FT. | EACH | 1 | | | | | 1 | |
| * | 87700220 | STEEL MAST ARM ASSEMBLY AND POLE, 36 FT. | EACH | 2 | | 1 | | | 1 | |
| * | 87700230 | STEEL MAST ARM ASSEMBLY AND POLE, 38 FT. | EACH | 3 | | 1 | | 1 | 1 | |
| * | 87700250 | STEEL MAST ARM ASSEMBLY AND POLE, 42 FT. | EACH | 2 | | 1 | | 1 | | |
| * | 87700260 | STEEL MAST ARM ASSEMBLY AND POLE, 44 FT. | EACH | 4 | | | 2 | 2 | | |
| * | 87700270 | STEEL MAST ARM ASSEMBLY AND POLE, 46 FT. | EACH | 1 | | 1 | | | | |
| * | 87800100 | CONCRETE FOUNDATION, TYPE A | FOOT | 84 | | 16 | 20 | 20 | 28 | |
| * | 87800150 | CONCRETE FOUNDATION, TYPE C | FOOT | 16 | | 4 | 4 | 4 | 4 | |
| * | 87800400 | CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 111.0 | | 27.0 | 20.0 | 13.5 | 50.5 | |
| * | 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 91.0 | | 26.0 | 26.0 | 39.0 | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

MODEL: Default
FILE NAME: X:\500 Drawings\502 C&DD Sheets\D162G37-sht-500213.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowmanva.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 13 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 16 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| * | 87900200 | DRILL EXISTING HANDHOLE | EACH | 1 | | | | | | 1 |
| * | 88030020 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 27 | | 8 | 8 | 5 | 6 | |
| * | 88030050 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 17 | | 4 | 6 | 3 | 4 | |
| * | 88030100 | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 15 | | 4 | 2 | 5 | 4 | |
| * | 88030110 | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 15 | | 4 | 2 | 5 | 4 | |
| * | 88102717 | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 32 | | 8 | 8 | 8 | 8 | |
| * | 88200410 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 42 | | 12 | 10 | 10 | 10 | |
| * | 88500100 | INDUCTIVE LOOP DETECTOR | EACH | 24 | | 6 | 6 | 6 | 6 | |
| * | 88600100 | DETECTOR LOOP, TYPE I | FOOT | 1,317 | | 330 | 329 | 328 | 330 | |
| o* | 88700200 | LIGHT DETECTOR | EACH | 8 | | 2 | 2 | 2 | 2 | |
| o* | 88700300 | LIGHT DETECTOR AMPLIFIER | EACH | 4 | | 1 | 1 | 1 | 1 | |
| * | 89000100 | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 4 | | 1 | 1 | 1 | 1 | |
| * | 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 4 | | 1 | 1 | 1 | 1 | |
| * | 89502380 | REMOVE EXISTING HANDHOLE | EACH | 45 | | 12 | 5 | 12 | 9 | 7 |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

MODEL: Default
FILE NAME: X:\500 Drawings\502 C4DD Sheets\D162G37-sht-50014.dgn

Bowman
10 S. LaSalle Street, Suite 2710
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - |
| | DRAWN - JTF | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 14 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 17 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| * | 89502382 | REMOVE EXISTING DOUBLE HANDHOLE | EACH | 4 | | 1 | 1 | 1 | 1 | |
| * | 89502385 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 31 | | 8 | 9 | 9 | 5 | |
| * | A2000216 | TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2" CALIPER, BALLED AND BURLAPPED | EACH | 6 | 6 | | | | | |
| * | A2001816 | TREE, ACER SACCHARUM GREEN MOUNTAIN (GREEN MOUNTAIN SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED | EACH | 19 | 19 | | | | | |
| * | A2002374 | TREE, BETULA NIGRA (RIVER BIRCH), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED | EACH | 6 | 6 | | | | | |
| * | A2002514 | TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 9 | 9 | | | | | |
| * | A2002612 | TREE, CARYA CORDIFORMIS (BITTERNUT HICKORY), 1-1/2" CALIPER, BALLED AND BURLAPPED | EACH | 6 | 6 | | | | | |
| * | A2002816 | TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2" CALIPER, BALLED AND BURLAPPED | EACH | 5 | 5 | | | | | |
| * | A2002916 | TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED | EACH | 13 | 13 | | | | | |
| * | A2004512 | TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 2" CALIPER, BALLED AND BURLAPPED | EACH | 5 | 5 | | | | | |
| * | A2005614 | TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 9 | 9 | | | | | |
| * | A2005956 | TREE, PLATANUS X ACERIFOLIA MORTON CIRCLE (EXCLAMATION LONDON PLANETREE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED | EACH | 7 | 7 | | | | | |
| * | A2006414 | TREE, QUERCUS ALBA (WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 10 | 10 | | | | | |
| * | A2006514 | TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 14 | 14 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

MODEL: Default
FILE NAME: X:\500 Drawings\302 C4DD Sheets\D162G37-sht-50015.dgn

Bowman
10 S. LaSalle Street, Suite 2710
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 15 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 18 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| | | | | | CONSTRUCTION CODE | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 80% FEDERAL / 20% STATE | | | | | |
| | | | | | ROADWAY | TRAFFIC SIGNALS | | | | |
| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | | WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| | | | | | | | | | | |
| * | A2006614 | TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 6 | 6 | | | | | |
| | | | | | | | | | | |
| * | A2007624 | TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED | EACH | 5 | 5 | | | | | |
| | | | | | | | | | | |
| * | A2007817 | TREE, TILIA AMERICANA MCKSENTRY (AMERICAN SENTRY LINDEN), 2" CALIPER, BALLED AND BURLAPPED | EACH | 5 | 5 | | | | | |
| | | | | | | | | | | |
| * | A2016614 | TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 3 | 3 | | | | | |
| | | | | | | | | | | |
| * | B2000770 | TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED | EACH | 16 | 16 | | | | | |
| | | | | | | | | | | |
| * | B2001420 | TREE, CORNUS MAS (CORNELIAN CHERRY DOG WOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED | EACH | 6 | 6 | | | | | |
| | | | | | | | | | | |
| * | B2006112 | TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 1-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED | EACH | 3 | 3 | | | | | |
| | | | | | | | | | | |
| * | B2006312 | TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 1-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED | EACH | 5 | 5 | | | | | |
| | | | | | | | | | | |
| * | B2013468 | TREE, MALUS GOLDEN RAINDROPS (GOLDEN RAINDROPS CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED | EACH | 9 | 9 | | | | | |
| | | | | | | | | | | |
| * | C2001248 | SHRUB, CHIONANTHUS VIRGINICUS (WHITE FRINGETREE), 4' HEIGHT, BALLED AND BURLAPPED | EACH | 6 | 6 | | | | | |
| | | | | | | | | | | |
| * | C2001324 | SHRUB, CLETHRA ALNIFOLIA (SUMMERSWEET CLETHRA), 2' HEIGHT, BALLED AND BURLAPPED | EACH | 30 | 30 | | | | | |
| | | | | | | | | | | |
| * | C2002036 | SHRUB, CORYLUS AMERICANA (AMERICAN FILBERT), 3' HEIGHT, BALLED AND BURLAPPED | EACH | 38 | 38 | | | | | |
| | | | | | | | | | | |
| * | C2003248 | SHRUB, HAMAMELIS VERNALIS (VERNAL WITCH HAZEL), 4' HEIGHT, BALLED AND BURLAPPED | EACH | 8 | 8 | | | | | |
| | | | | | | | | | | |
| * | C2004240 | SHRUB, LINDEN BENZOIN (SPICEBUSH), 2' HEIGHT, CONTAINER | EACH | 61 | 61 | | | | | |
| | | | | | | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

MODEL: Default
FILE NAME: X:\500 Drawings\502 C4DD Sheets\D162G37-sht-500216.dgn

Bowman
10 S. LaSalle Street, Suite 2710
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 16 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 19 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| * | C2012748 | SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 4' HEIGHT, BALLED AND BURLAPPED | EACH | 6 | 6 | | | | | |
| * | C2C00324 | SHRUB, ARONIA MELANOCARPA IROQUOIS BEAUTY (IROQUOIS BEAUTY BLACK CHOKEBERRY), 2' HEIGHT, CONTAINER | EACH | 40 | 40 | | | | | |
| * | C2C03424 | SHRUB, HYDRANGEA ARBORESCENS ANNABELLE (ANNABELLE SMOOTH HYDRANGEA), 2' HEIGHT CONTAINER | EACH | 49 | 49 | | | | | |
| * | C2C05718 | SHRUB, RHUS AROMATICA (FRAGRANT SUMAC), 18" WIDTH, CONTAINER | EACH | 290 | 290 | | | | | |
| * | C2C09250 | SHRUB, RUBUS ODORATUS (PURPLE-FLOWERED RASPBERRY), 2' HEIGHT, CONTAINER | EACH | 9 | 9 | | | | | |
| * | C2C11024 | SHRUB, SYRINGA PATULA MISS KIM (MISS KIM MANCHURIAN LILAC), 2' HEIGHT, CONTAINER | EACH | 7 | 7 | | | | | |
| * | C2C12124 | SHRUB, VIBURNUM X JUDDII (JUDD VIBURNUM), 2' HEIGHT, CONTAINER | EACH | 16 | 16 | | | | | |
| * | D2001760 | EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 5' HEIGHT, BALLED AND BURLAPPED | EACH | 25 | 25 | | | | | |
| * | D2001960 | EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 5' HEIGHT, BALLED AND BURLAPPED | EACH | 35 | 35 | | | | | |
| * | D2002360 | EVERGREEN, PINUS FLEXILIS (LIMBER PINE), 5' HEIGHT, BALLED AND BURLAPPED | EACH | 38 | 38 | | | | | |
| * | D2002960 | EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 5' HEIGHT, BALLED AND BURLAPPED | EACH | 20 | 20 | | | | | |
| * | D2003772 | EVERGREEN, THUJA OCCIDENTALIS (AMERICAN ARBORVITAE), 6' HEIGHT, BALLED AND BURLAPPED | EACH | 50 | 50 | | | | | |
| * | K0012970 | PERENNIAL PLANTS, BULB TYPE | UNIT | 2.0 | 2.0 | | | | | |
| * | K0012990 | PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT | UNIT | 4.0 | 4.0 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanva.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 17 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 20 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 C4DD Sheets\D162G37-sht-500017.dgn

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| * | K0013000 | PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG | UNIT | 3.0 | 3.0 | | | | | |
| * | K0036120 | MULCH PLACEMENT 4" | SQ YD | 64 | 64 | | | | | |
| | X0322463 | CONNECTION TO EXISTING SEWER | EACH | 6 | 6 | | | | | |
| | X0322992 | COARSE SAND PLACEMENT, 4" | SQ YD | 333 | 333 | | | | | |
| o* | X0324085 | EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C | FOOT | 1,174 | | 276 | 265 | 292 | 341 | |
| | X6040177 | SPECIAL GRATE NO. 1 | EACH | 1 | 1 | | | | | |
| | X0327301 | RELOCATE EXISTING MAILBOX | EACH | 17 | 17 | | | | | |
| | X0327611 | REMOVE AND REINSTALL BRICK PAVER | SQ FT | 98 | 98 | | | | | |
| | X0900064 | MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES | SQ YD | 21 | 21 | | | | | |
| * | X1400081 | FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL) | EACH | 4 | | 1 | 1 | 1 | 1 | |
| * | X1400150 | SERVICE INSTALLATION, GROUND MOUNTED, METERED | EACH | 4 | | 1 | 1 | 1 | 1 | |
| * | X1400367 | PEDESTRIAN SIGNAL POST, 10 FT. | EACH | 3 | | 2 | | | 1 | |
| * | X1400378 | PEDESTRIAN SIGNAL POST, 5 FT. | EACH | 4 | | | 3 | 1 | | |
| * | X1400388 | VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH | EACH | 8 | | 2 | 2 | 2 | 2 | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-SQQ18.dgn

Bowman
10 S. LaSalle Street, Suite 3710
Chicago, Illinois 60603
312-494-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 18 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 21 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

REV-SEP

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS: WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| | X1700067 | STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH | SQ FT | 492 | 492 | | | | | |
| | X2010350 | TREE REMOVAL, ACRES (SPECIAL) | ACRE | 1.8 | 1.8 | | | | | |
| | X2130010 | EXPLORATION TRENCH, SPECIAL | FOOT | 100 | 100 | | | | | |
| * | X2200018 | ORNAMENTAL FENCE | FOOT | 8 | 8 | | | | | |
| | X4021000 | TEMPORARY ACCESS (PRIVATE ENTRANCE) | EACH | 23 | 23 | | | | | |
| | X4022000 | TEMPORARY ACCESS (COMMERCIAL ENTRANCE) | EACH | 21 | 21 | | | | | |
| | X4023000 | TEMPORARY ACCESS (ROAD) | EACH | 6 | 6 | | | | | |
| □ | X5537700 | STORM SEWERS TO BE CLEANED 10" | FOOT | 25 | 25 | | | | | |
| □ | X5537800 | STORM SEWERS TO BE CLEANED 12" | FOOT | 850 | 850 | | | | | |
| □ | X5538200 | STORM SEWERS TO BE CLEANED 24" | FOOT | 160 | 160 | | | | | |
| □ | X5538300 | STORM SEWERS TO BE CLEANED 27" | FOOT | 210 | 210 | | | | | |
| □ | X5538400 | STORM SEWERS TO BE CLEANED 30" | FOOT | 1,300 | 1,300 | | | | | |
| □ | X5538600 | STORM SEWERS TO BE CLEANED 36" | FOOT | 25 | 25 | | | | | |
| □ | X5538700 | STORM SEWERS TO BE CLEANED 42" | FOOT | 240 | 240 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

□ NON-PART 100% STATE

MODEL: Default
FILE NAME: X:\500 Drawings\502 C&DD Sheets\D162G37-sht-50019.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 19 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 22 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

REV-SEP

| | | | | | CONSTRUCTION CODE | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 80% FEDERAL / 20% STATE | | | | | |
| | | | | | | TRAFFIC SIGNALS | | | | |
| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | ROADWAY | WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| | X6020094 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE | EACH | 2 | 2 | | | | | |
| | X6700410 | ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL) | CAL MO | 12 | 12 | | | | | |
| | X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | L SUM | 1 | 1 | | | | | |
| * | X8620200 | UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 4 | | 1 | 1 | 1 | 1 | |
| * | X8710024 | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F | FOOT | 6,993 | | | | | | 6,993 |
| * | X8760200 | ACCESSIBLE PEDESTRIAN SIGNALS | EACH | 32 | | 8 | 8 | 8 | 8 | |
| * | X8780010 | CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER | FOOT | 8 | | 8 | | | | |
| * | X8780012 | CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER | FOOT | 16 | | | 12 | 4 | | |
| | Z0004530 | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" | SQ YD | 1,023 | 1,023 | | | | | |
| | Z0004538 | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10" | SQ YD | 1,640 | 1,640 | | | | | |
| | Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | 1 | | | | | |
| □ | Z0018500 | DRAINAGE STRUCTURES TO BE CLEANED | EACH | 15 | 15 | | | | | |
| | Z0022800 | FENCE REMOVAL | FOOT | 75 | 75 | | | | | |
| * | Z0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 807 | 807 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

□ NON-PART 100% STATE

MODEL: Default
FILE NAME: X:\500 Drawings\502 C4DD Sheets\D162G37-sht-50020.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 20 OF 21 SHEETS | STA. NA | TO STA. NA

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 23 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL / 20% STATE — ROADWAY | TRAFFIC SIGNALS — WOLF ROAD | LAUREL AVENUE | WILLOW SPRINGS ROAD | BRAINARD AVENUE | INTERCONNECT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0006 | 0021 | 0021 | 0021 | 0021 | 0021 |
| | | | | | URBAN | URBAN | URBAN | URBAN | URBAN | URBAN |
| * | Z0033046 | RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2 | EACH | 5 | | | | | | 5 |
| * | Z0051500 | REMOVING AND RESETTING STREET SIGNS | EACH | 4 | 4 | | | | | |
| | Z0056668 | STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12" | FOOT | 170 | 170 | | | | | |
| | Z0056669 | STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15" | FOOT | 110 | 110 | | | | | |
| | Z0056672 | STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24" | FOOT | 1,345 | 1,345 | | | | | |
| | Z0062456 | TEMPORARY PAVEMENT | SQ YD | 500 | 500 | | | | | |
| | Z0064800 | SELECTIVE CLEARING | UNIT | 14 | 14 | | | | | |
| * | Z0073510 | TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 4 | | 1 | 1 | 1 | 1 | |
| | 60206024 | CATCH BASINS, TYPE A, 6' DIAMETER, TYPE 24, FRAME AND GRATE | EACH | 8 | 8 | | | | | |
| Ø | Z0076600 | TRAINEES | HOURS | 1000 | 1000 | | | | | |
| Ø | Z0076604 | TRAINEES - TRAINING PROGRAM GRADUATE | UNIT | 1000 | 1000 | | | | | |

* = SPECIALTY ITEM  o = 100% FUNDING BY PLEASANTVIEW FIRE PROTECTION DISTRICT

Ø 0042

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-SOQ21.dgn

Bowman
10 S. LaSalle Street, Suite 3710
Chicago, Illinois 60603
312-494-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

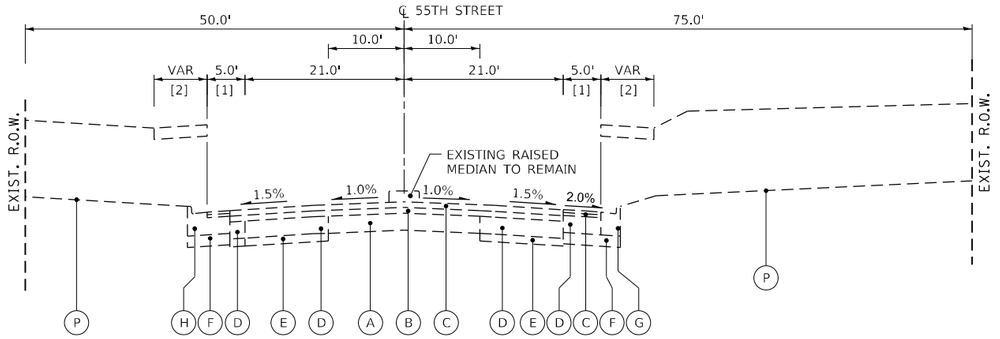
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 21 OF 21 SHEETS | STA. NA | TO STA. NA

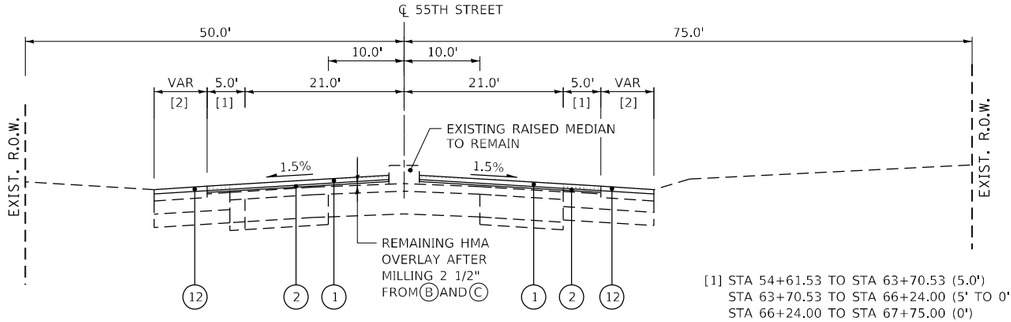
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 24 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

REV-SEP




## EXISTING TYPICAL SECTION
## 55TH STREET

STA. 54+61.53 TO STA. 61+81.04 (WITH MEDIAN BARRIER)
STA. 61+81.04 TO STA. 78+00 (W/OUT MEDIAN BARRIER)



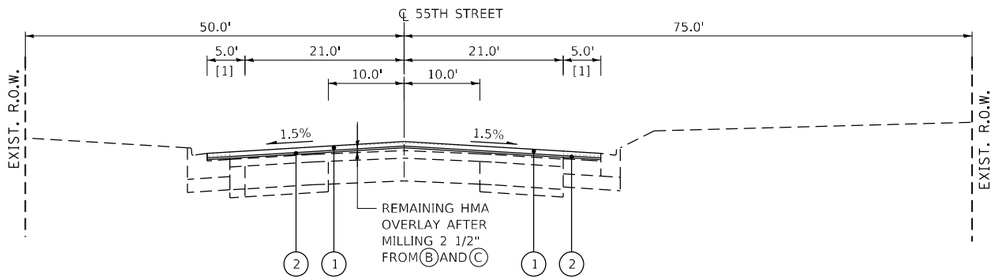

## PROPOSED TYPICAL SECTION
## 55TH STREET

STA. 54+61.53 TO STA. 61+81.04 (WITH MEDIAN BARRIER)

[1] STA 54+61.53 TO STA 63+70.53 (5.0')
STA 63+70.53 TO STA 66+24.00 (5' TO 0')
STA 66+24.00 TO STA 67+75.00 (0')
STA 67+75.00 TO STA 73+75.00 (0' TO 9.0')
STA 73+75.00 TO 78+00 (9.0')

[2] HMA SHOULDERS:
STA 54+62.47 TO STA 60+83.02 LT (5.9' TO 7.7')
STA 54+61.53 TO STA 60+80.82 RT (6.7' TO 7.4')
MILL & RESURFACE WITH
HMA SURFACE COUSE, IL-9.5, MIX "D", N70 (1 3/4")

AGGREGATE SHOULDER TO REMAIN
STA 60+83.02 TO STA 65+15.30 LT (7.7' TO 2.6')
STA 60+80.82 TO 65+88.98 RT (7.4' TO 4.4')




## PROPOSED TYPICAL SECTION
## 55TH STREET

STA. 61+81.04 TO STA. 78+00 (W/OUT MEDIAN BARRIER)

## EXISTING LEGEND

(A) EXISTING CONCRETE PAVEMENT, VARIES: 9"-7"-9" (1954)
(B) EXISTING HMA OVERLAY, 3" (1954)
(C) EXISTING HMA OVERLAY, 3" (1980)
(D) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 9"
(E) EXISTING SUB-BASE GRANULAR MATERIAL, 4"
(F) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
(G) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
(H) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
(I) EXISTING HMA MIXTURE, 2"
(J) EXISTING AGGREGATE BASE COURSE, 8"
(K) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"
(L) EXISTING HMA PAVEMENT (COMMERCIAL PARKING)
(M) EXISTING CONCRETE CURB, TYPE B
(N) EXISTING AGGREGATE SUBGRADE, 12"
(O) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (MODIFIED)
(P) EXISTING LANDSCAPE AREA

## PROPOSED LEGEND

(1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4" (55TH ST)
(1A) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2" (WILLOW SPRING RD & LINDEN AVE)
(2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
(3) HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (WIDENING 6' OR LESS)
HOT-MIX ASPHALT BASE COURSE, 8" (WIDENING GREATER THAN 6')
(3A) HOT-MIX ASPHALT BASE COURSE WIDENING, 5 3/4" (WIDENING 6' OR LESS) (WILLOW SPRING RD & LINDEN AVE)
HOT-MIX ASPHALT BASE COURSE, 5 3/4" (WIDENING GREATER THAN 6') (WILLOW SPRING RD & LINDEN AVE)
(4) AGGREGATE SUBGRADE IMPROVEMENT (12")
(5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 OR TYPE B-6.24 (MODIFIED)
(6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
(7) AGGREGATE BASE COURSE, TYPE B 6",
(8) TOPSOIL FURNISH AND PLACE, 4"
(9) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
(10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(11) SUBBASE GRANULAR MATERIAL, TYPE B 2"
(12) HMA SURFACE COUSE, IL-9.5, MIX "D", N70 (1 3/4") (PAID FOR AS HMA SHOULDER 1 3/4")

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-2360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

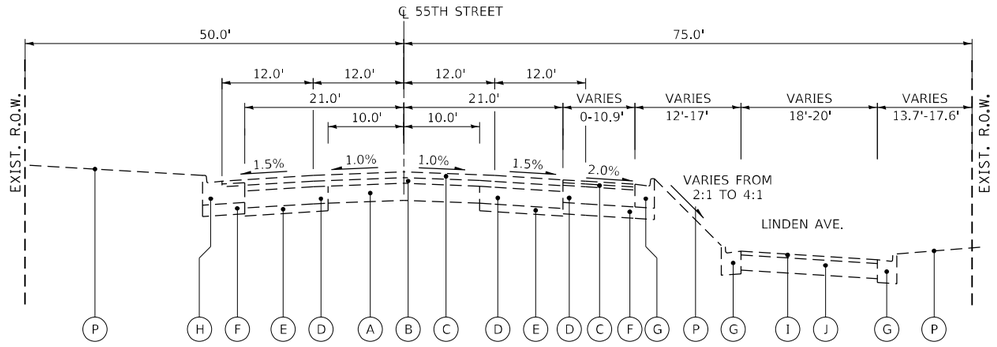
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**
**55TH STREET**

SCALE: 1" = 10' | SHEET 1 OF 4 SHEETS | STA. | TO STA.

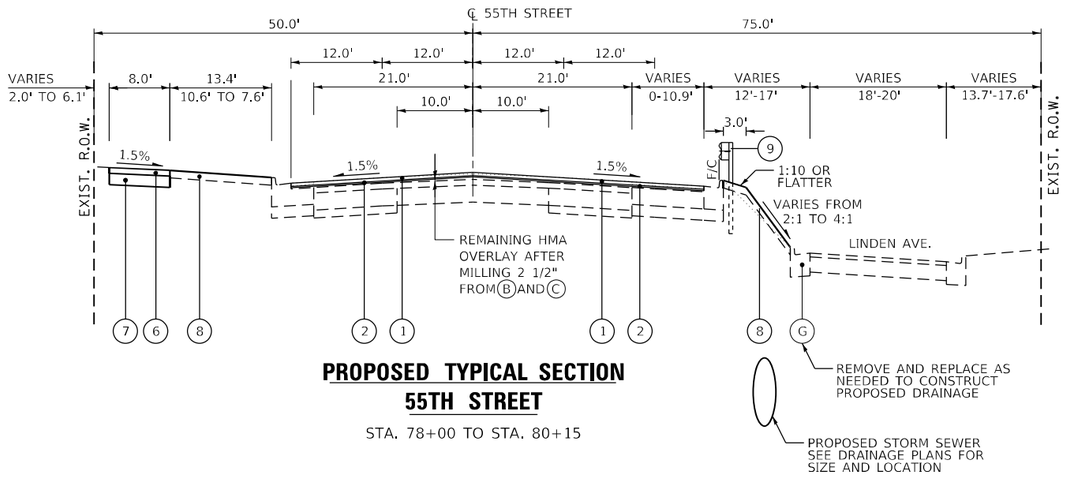
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 25 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-xyplcs101.dgn



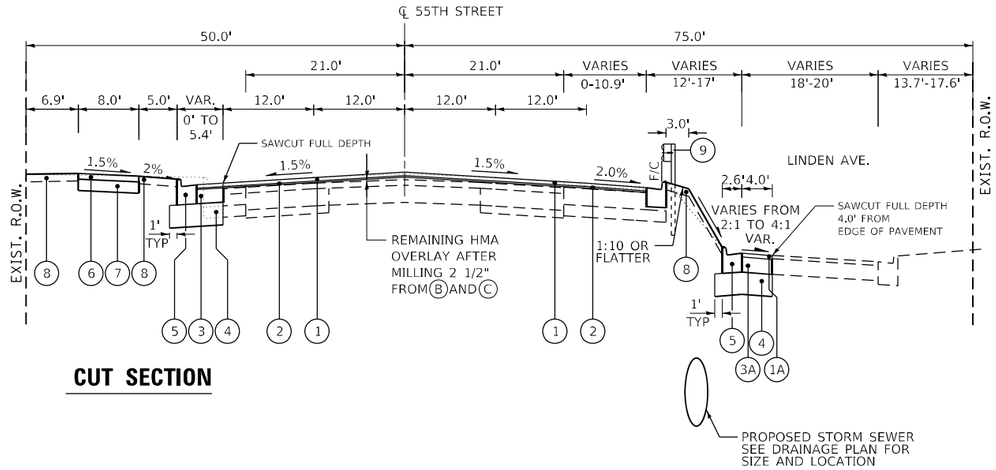

## EXISTING TYPICAL SECTION
## 55TH STREET

STA. 78+00 TO STA. 89+00
STA. 80+89.91 TO STA. 86+95.93 (LINDEN AVE)

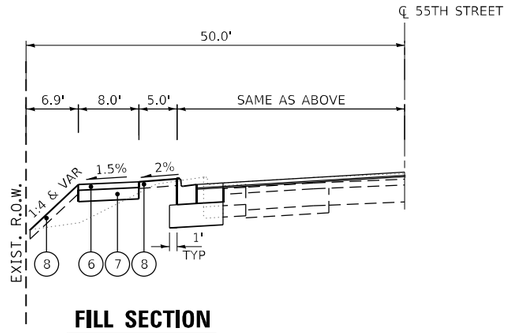



## PROPOSED TYPICAL SECTION
## 55TH STREET

STA. 78+00 TO STA. 80+15




## CUT SECTION




## FILL SECTION

## PROPOSED TYPICAL SECTION
## 55TH STREET

STA. 80+15 TO STA. 89+00

## EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, VARIES: 9"-7"-9" (1954)
- (B) EXISTING HMA OVERLAY, 3" (1954)
- (C) EXISTING HMA OVERLAY, 3" (1980)
- (D) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (E) EXISTING SUB-BASE GRANULAR MATERIAL, 4"
- (F) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (G) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (H) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
- (I) EXISTING HMA MIXTURE, 2"
- (J) EXISTING AGGREGATE BASE COURSE, 8"
- (K) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (L) EXISTING HMA PAVEMENT (COMMERCIAL PARKING)
- (M) EXISTING CONCRETE CURB, TYPE B
- (N) EXISTING AGGREGATE SUBGRADE, 12"
- (O) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (MODIFIED)
- (P) EXISTING LANDSCAPE AREA

## PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4" (55TH ST)
- (1A) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2" (WILLOW SPRING RD & LINDEN AVE).
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (WIDENING 6' OR LESS)
  HOT-MIX ASPHALT BASE COURSE, 8" (WIDENING GREATER THAN 6')
- (3A) HOT-MIX ASPHALT BASE COURSE WIDENING, 5 3/4" (WIDENING 6' OR LESS) (WILLOW SPRING RD & LINDEN AVE)
  HOT-MIX ASPHALT BASE COURSE, 5 3/4" (WIDENING GREATER THAN 6') (WILLOW SPRING RD & LINDEN AVE)
- (4) AGGREGATE SUBGRADE IMPROVEMENT (12")
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 OR TYPE B-6.24 (MODIFIED)
- (6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
- (7) AGGREGATE BASE COURSE, TYPE B 6",
- (8) TOPSOIL FURNISH AND PLACE, 4"
- (9) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (11) SUBBASE GRANULAR MATERIAL, TYPE B 2"

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\03162G37-sht-typicl02.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-419-0360
www.bowman.com

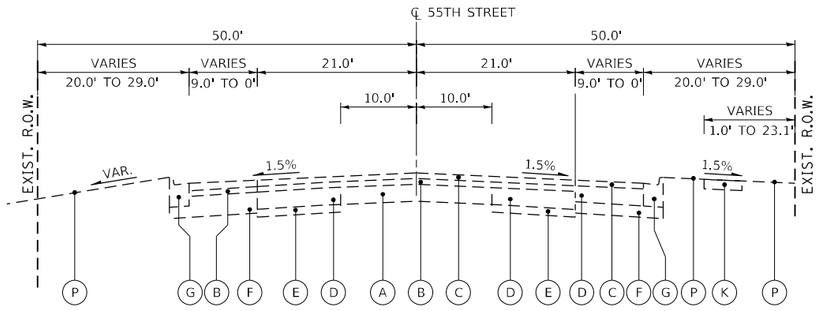
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**
**55TH STREET**

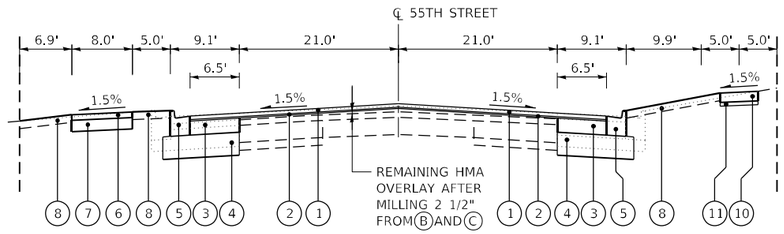
SCALE: 1" = 10' | SHEET 2 OF 4 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 26 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |



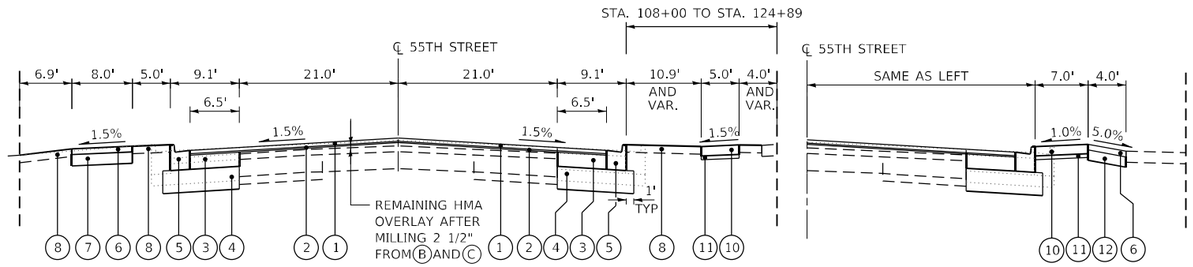

## EXISTING TYPICAL SECTION – 55TH STREET

STA. 89+00 TO STA. 99+70
STA. 108+00 TO STA. 139+99.61




## PROPOSED TYPICAL SECTION – 55TH STREET

STA. 89+00 TO STA. 99+70



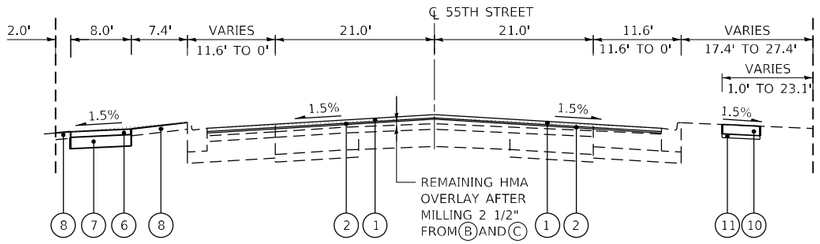




STA. 124+89 TO STA. 128+14

## PROPOSED TYPICAL SECTION – 55TH STREET

STA. 108+00 TO STA. 128+28




NOTE 1:
55TH STREET:
STA 97+27.63 TO STA 110+38.63
- EXISTING AGGREGATE SUBGRADE (12")

## PROPOSED TYPICAL SECTION – 55TH STREET

STA. 128+28 TO STA. 139+99.61

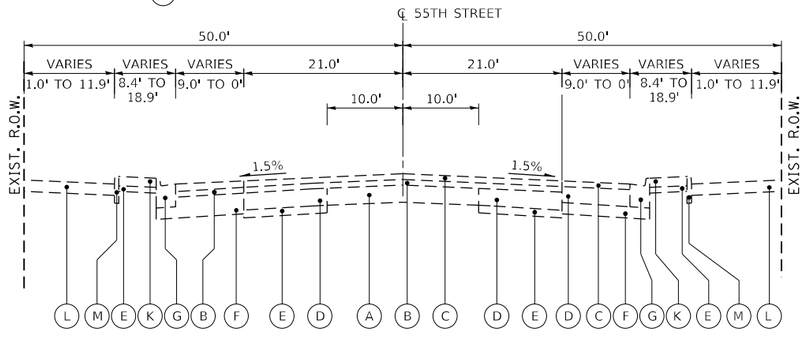
STA. 108+50 TO STA. 139+99.61
REPLACE SIDEWALK AS NEEDED
FOR ADA COMPLIANCE

## EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, VARIES: 9"-7"-9" (1954)
- (B) EXISTING HMA OVERLAY, 3" (1954)
- (C) EXISTING HMA OVERLAY, 3" (1980)
- (D) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (E) EXISTING SUB-BASE GRANULAR MATERIAL, 4"
- (F) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 6" - SEE NOTE 1
- (G) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (H) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
- (I) EXISTING HMA MIXTURE, 2"
- (J) EXISTING AGGREGATE BASE COURSE, 8"
- (K) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (L) EXISTING HMA PAVEMENT (COMMERCIAL PARKING)
- (M) EXISTING CONCRETE CURB, TYPE B
- (N) EXISTING AGGREGATE SUBGRADE, 12"
- (O) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (MODIFIED)
- (P) EXISTING LANDSCAPE AREA

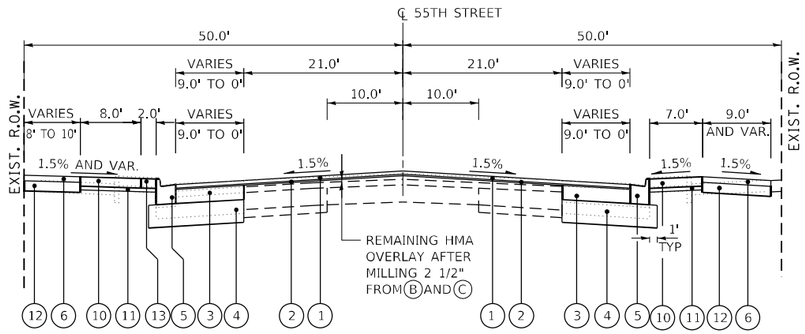
## PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4" (55TH ST)
- (1A) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2" (WILLOW SPRING RD & LINDEN AVE).
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (WIDENING 6' OR LESS)
  HOT-MIX ASPHALT BASE COURSE, 8" (WIDENING GREATER THAN 6')
- (3A) HOT-MIX ASPHALT BASE COURSE WIDENING, 5 3/4" (WIDENING 6' OR LESS) (WILLOW SPRING RD & LINDEN AVE)
  HOT-MIX ASPHALT BASE COURSE, 5 3/4" (WIDENING GREATER THAN 6') (WILLOW SPRING RD & LINDEN AVE)
- (4) AGGREGATE SUBGRADE IMPROVEMENT (12")
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 OR TYPE B-6.24 (MODIFIED)
- (6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
- (7) AGGREGATE BASE COURSE, TYPE B, 6"
- (8) TOPSOIL FURNISH AND PLACE, 4"
- (9) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (11) SUBBASE GRANULAR MATERIAL, TYPE B 2"
- (12) AGGREGATE BASE COURSE, TYPE B, 4"
- (13) STAMPED COLORED PORTLAND CEMENT CONCRETE, 5"




## EXISTING TYPICAL SECTION
## 55TH STREET

STA. 99+70 TO STA. 108+00




## PROPOSED TYPICAL SECTION
## 55TH STREET

STA. 99+70 TO STA. 108+00

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-typical03.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

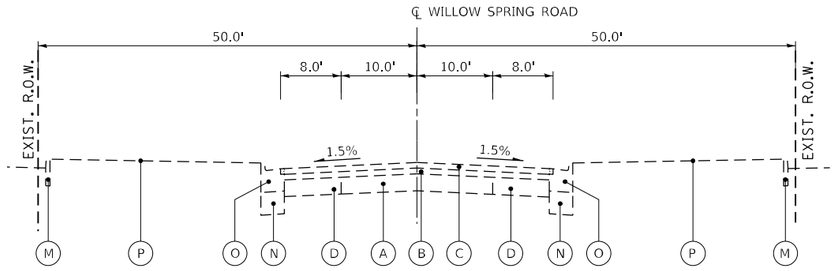
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**
**55TH STREET**

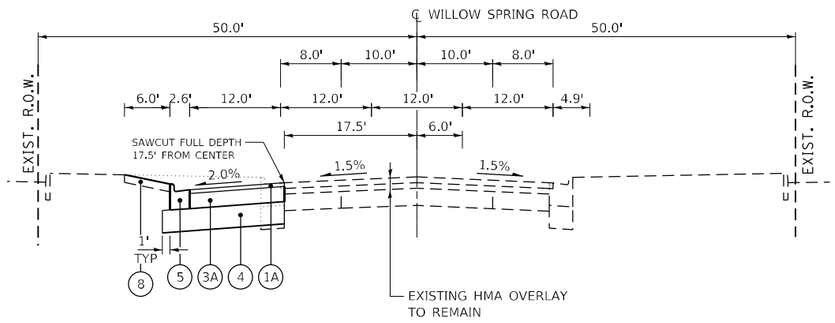
SCALE: 1" = 10' | SHEET 3 OF 4 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 27 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




## EXISTING TYPICAL SECTION
## WILLOW SPRING ROAD

STA. 237+22.0+00 TO STA. 241+54.5




## PROPOSED TYPICAL SECTION
## WILLOW SPRING ROAD

STA. 237+22.0+00 TO STA. 241+54.5

| HOT–MIX ASPHALT MIXTURE REQUIREMENTS | | QMP | |
|---|---|---|---|
| MIXTURE TYPE | AIR VOIDS @ NDES | | |
| 55TH ST - RESURFACING AND WIDENING | | | |
| POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80 (1 3/4") | 3.5% @ 80 GYR | QCP | |
| POLYMERIZED HOT-MIX ASPAHLT BINDER COURSE, IL-4.75, N50 (3/4") | 3.5% @ 50 GYR | QCP | |
| HOT-MIX ASPALT BASE COURSE WIDENING, (HMA BINDER IL-19 MM) (8") | 4% @ 90 GYR | QC/QA | EQUAL OR LESS THAN 6' |
| HOT-MIX ASPALT BASE COURSE, (HMA BINDER IL-19 MM) (8") | 4% @ 90 GYR | QC/QA | GREATER THAN 6' |
| WILLOW SPRING RD & LINDEN AVE - RESURFACING AND WIDENING | | | |
| HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2") | 4.0% @ 70 GYR | QC/QA | |
| HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19 MM) (5 3/4") | 4.0% @ 70 GYR | QC/QA | EQUAL OR LESS THAN 6' |
| HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 MM) (5 3/4") | 4.0% @ 70 GYR | QC/QA | GREATER THAN 6' |
| HMA SHOULDER 1 3/4" | | | |
| HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 3/4") | 4.0% @ 70 GYR | QC/QA | |
| TEMPORARY PAVEMENT | | | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 | 4.0% @ 70 GYR | QC/QA | |
| HOT-MIX ASPHALT BINDER IL-19 MM | 4.0% @ 70 GYR | QC/QA | |
| SHARED - USE PATH | | | |
| HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (3") (IN 2 LIFTS) | 4.0% @ 50 GYR | QC/QA | |
| HMA DRIVEWAYS 8" & 10" | | | |
| HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2") | 4.0% @ 50 GYR | QC/QA | |
| HOT-MIX ASPHALT BINDER COURSE IL-19.0 N50 (CE=8", PE=6") | 4.0% @ 50 GYR | QC/QA | |
| QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP) | | | |

NOTES:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG-76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
3. LONGITUDINAL JOINT SEALER SHALL BE PLACED OVER THE POLYMERIZED HMA BINDER COURSE, IL-4.75, N50.

## EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, VARIES: 9"-7"-9" (1954)
- (B) EXISTING HMA OVERLAY, 3" (1954)
- (C) EXISTING HMA OVERLAY, 3" (1980)
- (D) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (E) EXISTING SUB-BASE GRANULAR MATERIAL, 4"
- (F) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (G) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (H) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
- (I) EXISTING HMA MIXTURE, 2"
- (J) EXISTING AGGREGATE BASE COURSE, 8"
- (K) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (L) EXISTING HMA PAVEMENT (COMMERCIAL PARKING)
- (M) EXISTING CONCRETE CURB, TYPE B
- (N) EXISTING AGGREGATE SUBGRADE, 12"
- (O) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (MODIFIED)
- (P) EXISTING LANDSCAPE AREA

## PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4" (55TH ST)
- (1A) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2" (WILLOW SPRING RD & LINDEN AVE).
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (WIDENING 6' OR LESS)
  HOT-MIX ASPHALT BASE COURSE, 8" (WIDENING GREATER THAN 6')
- (3A) HOT-MIX ASPHALT BASE COURSE WIDENING, 5 3/4" (WIDENING 6' OR LESS) (WILLOW SPRING RD & LINDEN AVE)
  HOT-MIX ASPHALT BASE COURSE, 5 3/4" (WIDENING GREATER THAN 6') (WILLOW SPRING RD & LINDEN AVE)
- (4) AGGREGATE SUBGRADE IMPROVEMENT (12")
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 OR TYPE B-6.24 (MODIFIED)
- (6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
- (7) AGGREGATE BASE COURSE, TYPE B 6",
- (8) TOPSOIL FURNISH AND PLACE, 4"
- (9) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (11) SUBBASE GRANULAR MATERIAL, TYPE B 2"

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0160
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**
**WILLOW SPRING ROAD**

SCALE: 1" = 10' | SHEET 4 OF 4 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 28 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-site-typical04.dgn

## STAGE 1 EARTHWORK SCHEDULE

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| LOCATION | EARTH EXCAVATION | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE | EMBANKMENT | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) | UNSUITABLE MATERIAL (TOPSOIL) |
| | CUBIC YARD | CUBIC YARD | CUBIC YARD | CUBIC YARD | CUBIC YARD |
| 55TH STREET - STA 53+00 TO STA 80+15 | 22 | 19 | 62 | -43 | 46 |
| 55TH STREET - STA 80+15 TO STA 104+00 | 531 | 451 | 453 | -2 | 479 |
| 55TH STREET - STA 104+00 TO STA 129+00 | 1004 | 853 | 381 | +472 | 411 |
| 55TH STREET - STA 129+00 TO STA 148+00 | 8 | 7 | 8 | -1 | 6 |
| STAGE 1 SUBTOTAL | 1565 | 1330 | 904 | +426 | 942 |

## STAGE 2 EARTHWORK SCHEDULE

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| LOCATION | EARTH EXCAVATION | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE | EMBANKMENT | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) | UNSUITABLE MATERIAL (TOPSOIL) |
| | CUBIC YARD | CUBIC YARD | CUBIC YARD | CUBIC YARD | CUBIC YARD |
| 55TH STREET - STA 53+00 TO STA 80+15 | 36 | 31 | 16 | +15 | 55 |
| 55TH STREET - STA 80+15 TO STA 104+00 | 845 | 718 | 495 | +223 | 742 |
| 55TH STREET - STA 104+00 TO STA 129+00 | 923 | 785 | 2016 | -1231 | 958 |
| 55TH STREET - STA 129+00 TO STA 148+00 | 77 | 65 | 76 | -11 | 276 |
| WILLOW SPRINGS ROAD - STA 239+00 TO STA 242+00 | 125 | 106 | 0 | +106 | 74 |
| STAGE 2 SUBTOTAL | 2006 | 1705 | 2603 | -898 | 2105 |

SHRINKAGE FACTOR = 15%

COLUMN 1 - LOCATION FROM PLANS.
COLUMN 2 - CUT QUANTITY FROM CROSS SECTIONS, THIS DOES NOT INCLUDE UNSUITABLE MATERIAL (TOPSOIL) EXCAVATION.
COLUMN 3 - EARTH EXCAVATION QUANTITIES THAT ARE TO BE USED AS FILL MATERIAL IN EMBANKMENT. SHRINKAGE FACTOR PER IDOT DISTRCIT 1 IS 15%.
COLUMN 4 - QUANTITIES FROM CROSS SECTIONS.
COLUMN 5 - OFF-SITE MATERIAL NEEDED OR MATERIAL TO WASTE.
COLUMN 6 - QUANTITIES FROM CROSS SECTIONS, THESE QUANTITIES ARE NOT INCLUDED IN EARTH EXCAVATION OR EMBANKMENT.

| PAY ITEMS | STAGE 1 | STAGE 2 | TOTAL |
|---|---|---|---|
| | CUBIC YARD | CUBIC YARD | CUBIC YARD |
| 20200100 - EARTH EXCAVATION | 1565 | 2006 | 3571 |
| 20201200 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | 942 | 2105 | 3047 |
| 20400800 - FURNISHED EXCAVATION | 0 | 898 | 898 |

## PAVEMENT PATCHING SCHEDULE

| STA | CLASS D PATCHES TYPE I 12 INCH | CLASS D PATCHES TYPE II 12 INCH | CLASS D PATCHES TYPE III 12 INCH | CLASS D PATCHES TYPE IV 12 INCH |
|---|---|---|---|---|
| | SQ YD | SQ YD | SQ YD | SQ YD |
| 60+45.0 | | 11.1 | | |
| 62+14.0 | | | 23.1 | |
| 62+70.0 | | | 23.1 | |
| 63+20.0 | | | 23.1 | |
| 63+70.0 | | | 23.1 | |
| 68+00.0 | | 14.7 | | |
| 68+17.0 | | 5.3 | | |
| 68+25.0 | | 5.3 | | |
| 69+78.0 | | | 21.3 | |
| 70+00.0 | | 11.1 | | |
| 72+00.0 | | 8.9 | | |
| 72+13.0 | | | 24.4 | |
| 73+17.0 | | 10.7 | | |
| 76+20.0 | | | | 27.1 |
| 76+75.0 | | 13.3 | | |
| 76+95.0 | | | | 53.3 |
| 80+26.0 | | | | 40.0 |
| 80+50.0 | 4.0 | | | |
| 84+21.0 | | | | 33.3 |
| 85+00.0 | | | 17.1 | |
| 85+25.0 | | 14.7 | | |
| 86+44.0 | | | 18.2 | |
| 88+45.0 | | | | 27.5 |
| 89+24.0 | | | 18.8 | |
| 91+13.0 | | 14.4 | | |
| 92+00.0 | | | 18.9 | |
| 92+78.0 | | 14.7 | | |
| 93+72.0 | | 14.7 | | |
| 94+64.0 | | 9.8 | | |
| 95+82.0 | | | | 37.7 |
| 97+17.0 | | 5.3 | | |
| 97+51.0 | | 14.7 | | |
| 101+44.0 | | | 24.4 | |
| 103+55.0 | | | | 25.8 |
| 106+94.0 | | | 24.4 | |
| 108+27.0 | | 10.7 | | |
| 109+26.0 | | | 21.3 | |
| 109+39.0 | 2.3 | | | |
| 111+49.0 | | 9.8 | | |
| 111+56.0 | 4.9 | | | |
| 111+88.0 | | 9.8 | | |
| 124+96.0 | | | 15.6 | |
| 125+11.0 | 4.4 | | | |
| 134+56.0 | | 10.7 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | 16 | 210 | 297 | 245 |

PAVEMENT PATCHING LOCATIONS AND QUANTITIES INCLUDED IN THE PLANS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

## DRAINAGE STRUCTURE REMOVAL SCHEDULE

| STATION | OFFSET | REMOVING MANHOLES | REMOVING INLETS |
|---|---|---|---|
| | | EACH | EACH |
| 81+05.05 | 29.48 LT | | 1 |
| 81+06.32 | 29.30 RT | 1 | |
| 81+11.09 | 31.96 RT | | 1 |
| 83+13.57 | 24.86 RT | 1 | |
| 83+24.14 | 28.25 RT | | 1 |
| 83+25.36 | 25.85 LT | | 1 |
| 85+33.96 | 28.10 RT | 1 | |
| 85+44.62 | 24.11 RT | | 1 |
| 85+44.90 | 23.11 LT | | 1 |
| 87+64.36 | 23.32 RT | | 1 |
| 87+65.77 | 22.14 LT | | 1 |
| 89+84.37 | 27.94 RT | 1 | |
| 89+94.51 | 21.10 LT | | 1 |
| 89+94.83 | 23.32 RT | | 1 |
| 92+24.50 | 22.03 LT | | 1 |
| 92+24.82 | 23.11 RT | | 1 |
| 94+52.79 | 22.99 RT | | 1 |
| 94+55.28 | 21.40 LT | | 1 |
| 95+96.53 | 27.26 RT | 1 | |
| 97+19.44 | 22.87 RT | | 1 |
| 99+30.28 | 21.40 RT | 1 | |
| 99+31.78 | 28.44 RT | | 1 |
| 99+32.71 | 28.27 LT | | 1 |
| 100+62.85 | 42.04 LT | 1 | |
| 94+55.00 | 28.58 LT | | 1 |
| 101+33.72 | 26.16 RT | 1 | |
| 101+45.60 | 31.55 LT | | 1 |
| 103+44.73 | 22.16 RT | 1 | |
| 103+45.61 | 32.00 RT | | 1 |
| 103+48.08 | 31.70 LT | | 1 |
| 104+67.86 | 27.24 LT | 1 | |
| 104+72.67 | 36.91 LT | | 1 |
| 106+94.30 | 31.62 RT | | 1 |
| 106+95.15 | 21.87 LT | 1 | |
| 106+95.92 | 31.90 LT | | 1 |
| 109+43.59 | 25.24 RT | | 1 |
| 109+62.86 | 31.00 LT | 1 | |
| 114+73.98 | 22.96 LT | | 1 |
| 114+76.28 | 22.42 RT | | 1 |
| 119+15.83 | 32.71 LT | | 1 |
| 119+49.47 | 32.95 LT | | 1 |
| 122+23.89 | 22.39 RT | | 1 |
| 122+34.53 | 30.88 LT | 1 | |
| 122+47.89 | 32.01 LT | | 1 |
| 124+80.45 | 25.38 RT | | 1 |
| 126+59.48 | 32.24 LT | | 1 |
| 127+41.20 | 31.90 RT | | 1 |
| 127+42.75 | 29.51 LT | | 1 |
| 127+43.29 | 21.67 LT | 1 | |
| 127+59.30 | 30.72 LT | 1 | |
| 239+59.88 | 27.62 LT | 1 | |
| | TOTAL | 16 | 35 |

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-419-0360
www.bowmanse.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 08/30/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITES**

SCALE: NONE | SHEET 1 OF 8 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 29 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\03162G37-sht-schedule01.dgn

## STORM SEWER CLEANING SCHEDULE

| FROM STATION | FROM OFFSET | TO STATION | TO OFFSET | BOX CULVERTS TO BE CLEANED | STORM SEWERS TO BE CLEANED 10" | STORM SEWERS TO BE CLEANED 12" | STORM SEWERS TO BE CLEANED 24" | STORM SEWERS TO BE CLEANED 27" | STORM SEWERS TO BE CLEANED 30" | STORM SEWERS TO BE CLEANED 36" | STORM SEWERS TO BE CLEANED 42" | DRAINAGE STRUCTURES TO BE CLEANED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | EACH |
| 65+22.72 | 32.56 RT | 67+63.15 | 32.32 RT | | | | | | | | 240 | |
| 65+95.19 | 41.77 RT | 67+00.37 | 43.40 RT | | | | 105 | | | | | |
| 67+47.96 | 47.40 RT | 67+77.79 | 47.51 RT | | | | 30 | | | | | |
| 67+43.64 | 22.10 RT | | | | | | | | | | | 1 |
| 67+43.64 | 22.10 RT | 67+63.15 | 32.32 RT | | | 22 | | | | | | |
| 67+63.15 | 32.32 RT | | | | | | | | | | | 1 |
| 67+63.15 | 32.32 RT | 67+77.79 | 41.51 RT | | | | | | | 21 | | |
| 67+47.96 | 47.40 RT | 67+77.79 | 47.51 RT | | | 30 | | | | | | |
| 67+77.79 | 47.51 RT | | | | | | | | | | | 1 |
| 67+63.15 | 32.32 RT | 69+68.94 | 27.89 RT | | | | | 206 | | | | |
| 69+00.49 | 52.93 LT | | | | | | | | | | | 1 |
| 69+25.64 | 52.71 LT | | | | | | | | | | | 1 |
| 69+68.94 | 27.89 RT | | | | | | | | | | | 1 |
| 69+73.86 | 25.84 LT | | | | | | | | | | | 1 |
| 69+73.86 | 25.84 RT | 69+74.87 | 25.78 RT | | | 52 | | | | | | |
| 69+74.87 | 25.78 RT | 69+68.94 | 27.89 RT | | | 6 | | | | | | |
| 69+74.87 | 25.78 RT | | | | | | | | | | | 1 |
| 69+74.87 | 25.78 RT | 70+54.41 | 54.48 RT | | | 86 | | | | | | |
| 70+54.41 | 54.48 RT | | | | | | | | | | | |
| 97+19.95 | 20.52 LT | 97+19.48 | 19.50 RT | | | 40 | | | | | | |
| 86+43.24 | 63.52 RT | | | | | | | | | | | 1 |
| 86+42.75 | 36.96 RT | | | | | | | | | | | 1 |
| 86+43.24 | 63.52 RT | 86+42.75 | 36.96 RT | | | 27 | | | | | | |
| 83+74.30 | 59.75 RT | | | | | | | | | | | 1 |
| 83+74.30 | 59.75 RT | 83+55.14 | 27.50 RT | | | 40 | | | | | | |
| 81+00.49 | 62.90 RT | | | | | | | | | | | 1 |
| 81+00.49 | 62.90 RT | 81+01.50 | 40.34 RT | | 22 | | | | | | | |
| 80+34.06 | 27.74 RT | 78+44.58 | 23.67 RT | | | | 24 | | | | | |
| 104+58.03 | 42.99 RT | 104+60.24 | 108.67 RT | | | 65 | | | | | | |
| 106+94.34 | 29.62 RT | 106+95.11 | 19.87 LT | | | 49 | | | | | | |
| 109+43.61 | 23.24 RT | 109+43.66 | 24.50 LT | | | 48 | | | | | | |
| 112+06.64 | 21.25 RT | 112+34.38 | 22.32 LT | | | 52 | | | | | | |
| 114+44.08 | 34.70 LT | 114+32.19 | 41.31 RT | 88 | | | | | | | | |
| 114+45.89 | 31.29 LT | 117+72.63 | 31.35 LT | | | | | | 327 | | | |
| 117+24.00 | 22.37 RT | 117+63.02 | 22.79 LT | | | 60 | | | | | | |
| 117+73.63 | 31.31 LT | | | | | | | | | | | 1 |
| 117+74.63 | 31.29 LT | 119+20.08 | 29.04 LT | | | | | | 145 | | | |
| 119+15.84 | 32.73 LT | | | | | | | | | | | 1 |
| 119+21.08 | 29.03 LT | | | | | | | | | | | 1 |
| 119+23.91 | 107.46 LT | 119+21.12 | 30.03 LT | | | 77 | | | | | | |
| 119+22.08 | 29.03 LT | 122+32.02 | 30.86 LT | | | | | | 310 | | | |
| 122+23.82 | 20.39 RT | 122+22.10 | 22.49 LT | | | 43 | | | | | | |
| 122+22.10 | 22.49 LT | 122+34.52 | 30.88 LT | | | 15 | | | | | | |
| 122+37.98 | 30.87 LT | 126+16.02 | 30.76 LT | | | | | | 378 | | | |
| 124+80.56 | 23.38 RT | 124+82.86 | 22.87 LT | | | 46 | | | | | | |
| 127+41.38 | 27.54 RT | 127+43.20 | 19.67 LT | | | 47 | | | | | | |
| 128+95.47 | 32.77 RT | 129+41.11 | 32.16 RT | | | 45 | | | | | | |
| 128+98.02 | 29.77 LT | 130+37.30 | 28.85 LT | | | | | | 139 | | | |
| | | | | | | | | | | | | |
| | | | TOTAL | 90 | 25 | 850 | 160 | 210 | 1,300 | 25 | 240 | 15 |

## ADJUSTMENT SCHEDULE

| STATION | OFFSET | MANHOLES TO BE ADJUSTED | INLETS TO BE ADJUSTED | INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME CLOSED LID | VALVE VAULTS TO BE ADJUSTED | WATER VALVES TO BE ADJUSTED | COMMENTS |
|---|---|---|---|---|---|---|---|
| | | EACH | EACH | EACH | EACH | EACH | |
| 77+34.88 | 39.73 RT | 1 | | | | | |
| 77+54.18 | 48.50 LT | | | | | 1 | |
| 96+18.06 | 44.81 RT | | | | | 1 | |
| 96+26.72 | 29.25 LT | 1 | | | | | |
| 96+69.82 | 26.14 RT | | | | 1 | | BULKHEAD EX SS OPENINGS |
| 96+79.61 | 42.48 LT | | | | | 1 | |
| 100+67.34 | 26.96 RT | | | | 1 | | BULKHEAD EX SS OPENINGS |
| 100+72.31 | 38.55 RT | 1 | | | | | |
| 107+64.59 | 45.52 RT | | | | | 1 | |
| 107+45.38 | 42.09 LT | 1 | | | | | |
| 107+83.77 | 44.70 RT | | | | | 1 | |
| 108+79.31 | 32.51 RT | 1 | | | | | |
| 110+87.79 | 42.48 LT | 1 | | | | | |
| 112+80.59 | 32.01 RT | 1 | | | | | |
| 113+95.07 | 43.17 LT | 1 | | | | | |
| 116+90.11 | 30.99 RT | 1 | | | | | |
| 116+91.51 | 44.57 LT | 1 | | | | | |
| 117+56.38 | 31.56 RT | 1 | | | | | |
| 118+10.15 | 45.36 RT | | | | | 1 | |
| 119+21.08 | 29.03 LT | 1 | | | | | |
| 119+55.70 | 44.21 LT | 1 | | | | | |
| 120+24.44 | 31.88 RT | 1 | | | | | |
| 123+13.45 | 32.40 RT | 1 | | | | | |
| 126+61.08 | 32.19 RT | 1 | | | | | |
| 128+95.45 | 95.45 RT | | 1 | | | | |
| 130+11.44 | 39.48 LT | | | 1 | | | |
| 130+14.03 | 44.63 RT | | | | | 1 | |
| 130+22.17 | 44.44 LT | 1 | | | | | |
| 130+90.45 | 55.35 LT | | | | 1 | | |
| 134+18.43 | 48.96 LT | 1 | | | | | |
| 130+09.10 | 32.31 LT | | 1 | | | | |
| | | | | | | | |
| | TOTAL | 18 | 2 | 1 | 3 | 7 | |

## RECONSTRUCTION SCHEDULE

| STATION | OFFSET | CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 11V FRAME AND GRATE | MANHOLES TO BE RECONSTRUCTED |
|---|---|---|---|
| | | EACH | EACH |
| 69+00.49 | 52.93 LT | 1 | |
| 69+25.64 | 52.71 LT | 1 | |
| 98+47.44 | 29.85 LT | | 1 |
| | | | |
| | | | |
| | TOTAL | 2 | 1 |

## STORM SEWER REMOVAL SCHEDULE

| FROM STATION | FROM OFFSET | TO STATION | TO OFFSET | STORM SEWER REMOVAL 12" | STORM SEWER REMOVAL 15" | STORM SEWER REMOVAL 18" | STORM SEWER REMOVAL 24" | STORM SEWER REMOVAL 30" | TRENCH BACKFILL |
|---|---|---|---|---|---|---|---|---|---|
| | | | | FOOT | FOOT | FOOT | FOOT | FOOT | CU YD |
| 80+37.07 | 27.81 RT | 81+06.32 | 29.30 RT | | | | 69 | | 45 |
| 81+05.05 | 29.48 LT | 81+06.32 | 29.30 RT | 59 | | | | | 15 |
| 81+06.32 | 29.30 RT | 81+11.09 | 31.69 RT | 5 | | | | | 5 |
| 81+06.32 | 29.30 RT | 83+13.57 | 24.86 RT | | | | 207 | | 90 |
| 83+13.57 | 24.86 RT | 83+24.14 | 28.25 RT | 11 | | | | | 10 |
| 83+25.35 | 25.85 LT | 83+24.14 | 28.25 RT | 54 | | | | | 10 |
| 83+13.57 | 24.86 RT | 85+33.97 | 28.10 RT | | | | 220 | | 225 |
| 85+33.97 | 28.10 RT | 85+44.62 | 24.11 RT | 11 | | | | | 10 |
| 85+44.90 | 23.11 LT | 85+44.62 | 24.11 RT | 47 | | | | | |
| 85+33.97 | 28.10 RT | 89+84.37 | 27.94 RT | | | 450 | | | 375 |
| 87+65.76 | 22.14 LT | 87+64.36 | 23.32 RT | 45 | | | | | |
| 87+54.97 | 28.58 RT | 87+64.36 | 23.32 RT | 11 | | | | | 5 |
| 89+84.37 | 27.94 RT | 89+94.83 | 23.32 RT | 11 | | | | | 5 |
| 89+94.51 | 21.10 LT | 89+94.83 | 23.32 RT | 44 | | | | | |
| 89+84.37 | 27.94 RT | 95+96.53 | 27.26 RT | | | 612 | | | 490 |
| 92+24.50 | 22.03 LT | 92+24.82 | 23.11 RT | 45 | | | | | |
| 92+21.48 | 27.67 RT | 92+24.82 | 23.11 RT | 6 | | | | | 5 |
| 94+45.24 | 27.43 RT | 94+52.79 | 22.99 RT | 9 | | | | | 5 |
| 94+55.00 | 28.58 LT | 94+55.28 | 21.40 LT | 7 | | | | | |
| 94+55.27 | 21.40 LT | 94+52.79 | 22.99 RT | 44 | | | | | |
| 95+96.53 | 27.26 RT | 96+69.82 | 26.14 RT | | | 73 | | | 65 |
| 96+69.82 | 26.14 RT | 99+30.27 | 21.40 RT | | | 260 | | | 190 |
| 99+30.27 | 21.40 RT | 99+31.78 | 28.44 RT | 7 | | | | | |
| 99+30.27 | 21.40 RT | 100+67.34 | 26.96 RT | | | 137 | | | 95 |
| 99+32.68 | 27.50 LT | 099+30.28 | 24.10 RT | 50 | | | | | |
| 100+67.34 | 26.96 RT | 101+33.72 | 26.16 RT | | | 66 | | | |
| 101+33.72 | 26.16 RT | 101+44.80 | 31.80 RT | 12 | | | | | |
| 101+45.60 | 31.55 LT | 101+44.80 | 31.80 RT | 63 | | | | | |
| 101+33.72 | 26.16 RT | 103+44.73 | 22.16 RT | 211 | | | | | 135 |
| 103+48.07 | 31.70 LT | 103+44.73 | 22.16 RT | 54 | | | | | |
| 104+67.85 | 27.24 LT | 106+95.15 | 21.87 LT | 227 | | | | | 55 |
| 106+95.15 | 21.87 LT | 109+62.85 | 31.00 LT | 268 | | | | | 90 |
| 109+62.85 | 31.00 LT | 114+43.88 | 31.29 LT | | 481 | | | | 330 |
| 114+76.28 | 22.42 RT | 114+73.98 | 22.96 LT | 45 | | | | | 10 |
| 119+60.25 | 22.72 LT | 119+67.16 | 29.30 LT | 10 | | | | | 5 |
| 119+49.47 | 32.95 LT | 119+60.25 | 22.72 LT | 15 | | | | | 5 |
| 122+47.89 | 32.01 LT | 122+34.52 | 30.88 LT | 14 | | | | | 5 |
| 125+47.19 | 30.78 LT | 127+59.29 | 30.72 LT | | | | | 212 | 420 |
| 127+43.29 | 21.67 LT | 127+42.75 | 29.51 LT | 8 | | | | | 5 |
| 127+43.29 | 21.67 LT | 127+59.30 | 30.72 LT | 18 | | | | | 30 |
| 127+59.29 | 30.72 LT | 128+98.61 | 29.76 LT | | | | | 139 | 90 |
| 240+51.67 | 28.00 LT | 239+59.88 | 27.62 LT | 92 | | | | | 15 |
| | | | TOTAL | 1,503 | 481 | 1,598 | 496 | 351 | 2,840 |

## PROPOSED STRUCTURE SCHEDULE

| STR. NO. | STATION | OFFSET | RIM ELEV. | N INV. | E INV. | S INV. | W INV. | NW INV. | SW INV. | SW INV. | SE INV. | MANHOLES TY A 4'-DIA TY 1 CL | MANHOLES TY A 5'-DIA TY 1 CL | MANHOLES TY A 6'-DIA TY 1 CL | INLETS TY A TY 8 F&G | INLETS TY A TY 11 F&G | INLETS TY A TY 24 F&G | INLETS TY B TY 8 F&G | INLETS TY B TY 11 F&G | INLETS TY B TY 24 F&G | CATCH BASINS TY A 4' DIA TY 8 GRATE | CATCH BASINS TY A 4' DIA TY 24 F&G | CATCH BASINS TY A 5' DIA TY 24 F&G | CATCH BASINS TY A 6' DIA TY 24 F&G | TYPE 8 GRATE | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | CONNECTION TO EXISTING STORM SEWER | MANHOLES TY A 6'-DIA TY 1 CL RESTRICTOR PLATE | MANHOLES TO BE RECONSTRUCTED | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | | | |
| 100 | 103+44.99 | 28.50 LT | 683.68 | | | 678.68 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 102 | 103+45.00 | 28.50 RT | 683.68 | 678.15 | | | | | 677.28 | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 103 | 103+39.91 | 32.60 RT | 684.20 | | | | 677.25 | | | 677.25 | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 104 | 102+25.00 | 28.50 LT | 683.89 | | 679.89 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 105 | 102+85.00 | 28.50 LT | 683.86 | | | 679.60 | 679.60 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 106 | 102+85.00 | 28.50 RT | 683.86 | 679.33 | | | | | 679.33 | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 107 | 102+79.91 | 32.60 RT | 684.00 | | 676.87 | | 676.87 | | | 679.30 | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 108 | 102+25.00 | 28.50 RT | 683.89 | | | | | | 679.39 | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 109 | 102+19.91 | 31.60 RT | 684.00 | | 676.29 | | 675.79 | | | 679.36 | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 110 | 101+45.00 | 28.50 LT | 683.79 | | | 678.79 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 111 | 101+45.00 | 28.50 RT | 683.79 | 678.52 | | | | | 678.52 | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 112 | 101+39.40 | 33.10 RT | 684.40 | | 675.02 | | 675.02 | | | 678.48 | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 113 | 98+26.69 | 46.54 LT | 681.30 | | 678.49 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 114 | 100+12.61 | 46.54 LT | 682.65 | | | | 678.36 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 115 | 99+32.67 | 46.54 LT | 682.37 | | 677.96 | 675.46 | 677.96 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 116 | 99+32.66 | 28.50 LT | 682.89 | 675.39 | 680.06 | 675.39 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | CONNECT EXISTING 10" CPP STORM SEWER |
| 118 | 99+30.50 | 28.50 RT | 682.88 | 675.12 | | | | | 675.12 | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 119 | 99+24.91 | 33.10 RT | 683.61 | | 674.18 | | 674.18 | | | 675.10 | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 120 | 97+20.01 | 28.50 LT | 681.16 | | | 677.33 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 121 | 97+19.98 | 22.50 LT | 681.34 | 677.30 | | 677.30 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 122 | 97+19.44 | 22.50 RT | 681.34 | 675.03 | | 675.03 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 123 | 97+19.39 | 28.50 RT | 681.16 | 675.01 | | | | | 675.01 | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 124 | 97+13.79 | 33.10 RT | 681.48 | | 672.52 | | 671.77 | | | 674.97 | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 125 | 94+55.00 | 28.50 LT | 677.97 | | | 672.98 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | CONSTRUCT PRIOR TO TEMP AND CONNECT TO EXISTING INLET |
| 126 | 94+55.00 | 28.50 RT | 677.97 | 672.70 | | 672.70 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 127 | 94+55.00 | 37.10 RT | 677.36 | 672.66 | 669.73 | | 669.73 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 128A | 93+50.00 | 40.30 RT | 675.84 | | | | | 671.84 | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 128B | 93+45.00 | 36.10 RT | 676.45 | | 668.88 | | 668.88 | | | | 671.80 | 1 | | | | | | | | | | | | | | | | | | | | | |
| 128C | 92+46.48 | 40.90 RT | 672.70 | | | | | 669.40 | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 128 | 92+43.20 | 35.20 RT | 674.10 | | 668.11 | | 669.40 | | | | 669.35 | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 129 | 93+14.27 | 46.54 LT | 676.07 | | | | 670.72 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 130 | 92+25.00 | 46.54 LT | 675.00 | | 670.29 | 667.29 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 131 | 92+25.00 | 28.50 LT | 675.20 | 667.20 | | 667.20 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 132 | 92+25.00 | 28.50 RT | 675.20 | 667.00 | | 667.00 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 133 | 92+25.00 | 35.10 RT | 674.00 | 666.96 | 669.30 | | 666.02 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 134 | 90+00.00 | 48.27 LT | 672.46 | | | 664.64 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 135 | 89+94.00 | 28.50 LT | 672.42 | 664.42 | | 664.42 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 136 | 89+94.35 | 25.60 RT | 672.47 | 664.16 | | 664.16 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 137 | 89+94.40 | 33.40 RT | 672.15 | 664.13 | 663.75 | | 663.25 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 138A | 87+65.00 | 48.00 LT | 669.59 | | | 664.89 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 138 | 87+65.00 | 28.50 LT | 669.66 | | | 664.66 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 139 | 87+65.00 | 21.50 RT | 669.77 | 664.42 | | 664.42 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 140 | 87+65.00 | 31.70 RT | 667.50 | 664.36 | 661.00 | | 660.50 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 141 | 86+43.00 | 30.70 RT | 666.60 | | 659.09 | 661.10 | 658.59 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 142 | 85+50.00 | 47.80 LT | 666.69 | | | 659.30 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 143 | 85+44.83 | 28.50 LT | 667.06 | 659.06 | | 659.06 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 144 | 85+44.64 | 21.70 RT | 667.16 | 658.82 | | 658.82 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 145 | 85+44.60 | 30.30 RT | 665.70 | 658.76 | 657.46 | | 656.96 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| 146 | 86+53.99 | 28.50 LT | 664.91 | | | 659.91 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 147 | 83+54.00 | 24.90 RT | 664.97 | 659.65 | | | | | 659.65 | | N/A | | | | | | | | | | | 1 | | | | | | 1 | | | | | | CONNECT EXISTING PIPE |
| 148 | 83+47.16 | 32.70 RT | 663.80 | | 654.66 | | 653.66 | | | 659.60 | | | | 1 | | | | | | | | | | | | | | | | | | | |
| 149 | 82+00.00 | 48.50 LT | 662.00 | | | | 658.12 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 149A | 81+02.00 | 47.60 LT | 662.20 | | 657.16 | 654.16 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| 150 | 81+02.00 | 28.80 LT | 661.94 | 653.94 | | 653.94 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 151 | 81+02.00 | 30.00 RT | 661.93 | 653.66 | | 653.66 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 152 | 81+02.03 | 36.80 RT | 660.75 | 653.64 | 652.95 | N/A | | 652.95 | | | | | | 1 | | | | | | | | | | | | | | 1 | | | | | CONNECT EX PIPE |
| 153 | 80+37.05 | 27.60 RT | 661.26 | | | | 652.77 | | | | 652.77 | | | | | | | | | | | | | | | | | | 1 | | | | OUTLET CONTROL STRUCTURE SEE DRAINAGE DETAILS |
| 300 | 106+22.00 | 25.50 RT | 683.62 | | | | 679.18 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 301 | 105+57.00 | 29.08 RT | 683.68 | | 678.87 | | 678.87 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 302 | 104+91.74 | 29.50 RT | 683.74 | | 678.56 | | | | 678.56 | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 303 | 104+57.51 | 42.43 RT | 683.44 | | | 678.39 | | | | 678.39 | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 500 | 104+72.78 | 37.08 LT | 683.65 | 682.31 | | | | | 681.31 | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 501 | 104+67.86 | 27.24 LT | 683.88 | | 679.84 | | | 681.16 | | 681.16 | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 502 | 105+57.00 | 29.50 LT | 683.68 | | | | | | | | 680.18 | | | | | | | | | | | 1 | | | | | | | | | | | |
| 503 | 105+62.19 | 23.55 LT | 683.84 | | 678.85 | | 678.85 | 680.14 | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 504 | 106+22.00 | 29.50 LT | 683.62 | | | | | | | | 680.12 | | | | | | | | | | | 1 | | | | | | | | | | | |
| 505 | 106+27.27 | 23.47 LT | 683.78 | | 678.18 | | 678.18 | 680.08 | | | | 1 | | | | | | | | | | | | | | | | | | | | | |

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | **STATE OF ILLINOIS** | **SCHEDULE OF QUANTITES** | |
| | DRAWN - JTF | REVISED - | **DEPARTMENT OF TRANSPORTATION** | | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | | SCALE: NONE | SHEET 3 OF 8 SHEETS STA. TO STA. |
| PLOT DATE = 03/24/2023 | DATE - 08/30/2019 | REVISED - | | | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 31 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\062G37-sht-schedule03.dgn

## PROPOSED STRUCTURE SCHEDULE

| STR. NO. | STATION | OFFSET | RIM ELEV. | N INV. | E INV. | S INV. | W INV. | NW INV. | SW INV. | SW INV. | SE INV. | MANHOLES TY A 4'-DIA TY 1 CL | MANHOLES TY A 5'-DIA TY 1 CL | MANHOLES TY A 6'-DIA TY 1 CL | INLETS TY A TY 8 F&G | INLETS TY A TY 11 F&G | INLETS TY A TY 24 F&G | INLETS TY B TY 8 F&G | INLETS TY B TY 11 F&G | INLETS TY B TY 24 F&G | CATCH BASINS TY A 4' DIA TY 8 GRATE | CATCH BASINS TY A 4' DIA TY 24 F&G | CATCH BASINS TY A 5' DIA TY 24 F&G | CATCH BASINS TY A 6' DIA TY 24 F&G | TYPE 8 GRATE | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | CONNECTION TO EXISTING STORM SEWER | MANHOLES TY A 6'-DIA TY 1 CL RESTRICTOR PLATE | MANHOLES TO BE RECONSTRUCTED | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | | | |
| 506 | 106+87.00 | 29.50 RT | 683.56 | | | | | | | | 681.24 | | | | | | | | | | | 1 | | | | | 1 | | | | | | | CONNECT TO EXISTING 4" PVC |
| 507 | 106+94.31 | 31.62 RT | 684.07 | 680.35 | | | | 681.20 | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 508 | 106+87.00 | 29.50 LT | 683.56 | | | | | | | | 680.06 | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 509 | 106+95.00 | 21.87 LT | 683.74 | | 677.43 | 677.24 | 677.48 | 679.99 | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 510 | 108+04.00 | 29.50 LT | 683.10 | | 675.96 | | 675.96 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 511 | 108+04.00 | 29.50 RT | 683.10 | | 678.54 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 512 | 110+04.00 | 29.50 RT | 680.51 | | | | 678.14 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 513 | 109+43.60 | 25.24 RT | 681.62 | 677.86 | 677.86 | | 677.86 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 514 | 109+43.65 | 25.33 LT | N/A | 676.96 | | 676.96 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| 515 | 109+43.67 | 30.34 LT | 681.60 | | 674.06 | 676.85 | 674.06 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 516 | 110+04.00 | 29.50 LT | 680.51 | | 673.27 | | 673.27 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 517 | 112+01.00 | 29.50 LT | 677.42 | | 670.57 | | 670.57 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 518 | 113+63.00 | 27.50 RT | 675.79 | | | | 673.91 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 519 | 112+06.00 | 27.50 RT | 677.35 | 673.30 | 673.30 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 520 | 112+06.09 | 22.09 RT | 677.54 | | | 673.27 | | | | 673.27 | | | | | | | | | | | | | | | | 1 | | | | | | | |
| 521 | 112+34.37 | 22.33 LT | N/A | | | | | | 671.82 | 671.82 | | | | | | | | | | | | | | | | 1 | | | | | | | |
| 522 | 112+37.95 | 30.90 LT | 677.80 | | 670.11 | | 670.11 | | 671.75 | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 523 | 113+63.00 | 29.50 LT | 675.79 | | 668.42 | | 668.42 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 524 | 114+43.89 | 31.29 LT | 675.87 | | 667.34 | | 667.34 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 700 | 115+97.00 | 28.50 RT | 675.29 | | | | 671.29 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 701 | 115+35.00 | 28.50 RT | 675.34 | | 670.99 | | 670.99 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 702 | 114+74.00 | 28.50 RT | 675.38 | 670.70 | 670.70 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 703 | 114+74.00 | 28.50 LT | 675.38 | | 667.11 | 670.43 | 667.11 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 704 | 115+35.00 | 28.50 LT | 675.34 | | 666.67 | | 666.67 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 705 | 115+97.00 | 28.50 LT | 675.29 | | 666.21 | | 666.21 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 706 | 116+59.00 | 28.50 LT | 675.25 | | 665.76 | | 665.76 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 707 | 117+21.00 | 28.50 LT | 675.21 | | 665.30 | | 665.30 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 708 | 116+59.00 | 28.50 RT | 675.25 | | 671.30 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 709 | 117+99.71 | 35.59 RT | 675.34 | | | | 671.34 | 670.34 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| 710 | 117+54.43 | 36.53 RT | 675.39 | | 671.55 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 711 | 117+21.00 | 28.50 RT | 675.21 | | | | 671.01 | | | 671.01 | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 712 | 117+23.98 | 22.37 RT | N/A | | | | | | 670.99 | 670.99 | | | | | | | | | | | | | | | | 1 | | | | | | | |
| 713 | 117+83.00 | 28.50 LT | 675.42 | | 664.89 | | 664.89 | | | | 670.02 | | | | | | | | | | | | | 1 | | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 01 | 119+22.12 | 58.64 LT | 674.10 | 665.00 | 665.00 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 714 | 119+55.00 | 28.50 RT | 674.77 | 672.15 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 715 | 119+55.18 | 22.48 RT | N/A | 672.12 | | 672.12 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| 716 | 119+60.23 | 22.72 LT | N/A | 670.21 | | 670.21 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| 717 | 119+58.50 | 28.50 LT | 674.76 | | 663.67 | 670.17 | 663.67 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 718 | 121+11.00 | 28.50 LT | 674.16 | | 662.72 | | 662.72 | | | | | | | | | | | | | | | | 1 | | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 719 | 121+11.00 | 28.50 RT | 674.16 | | 670.42 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| 720 | 122+23.89 | 28.50 RT | 673.50 | 669.98 | | | 669.98 | | | | | | | | | | | | | | | 1 | | | | | 1 | | | | | | |
| 721 | 122+23.89 | 22.39 RT | 673.71 | 669.95 | | 669.95 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | CONNECT EXISTING 4" PVC STORM SEWER |
| 722 | 122+33.50 | 46.54 LT | 674.00 | | | 666.00 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 723 | 122+35.00 | 28.50 LT | 673.47 | 665.89 | 661.98 | | 661.98 | | 666.83 | | | | | | | | | | | | | | | 1 | | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 724 | 123+98.79 | 28.50 LT | 672.34 | | 660.98 | | 660.98 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 725 | 123+98.79 | 28.50 RT | 672.34 | | 668.53 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 726 | 124+80.46 | 25.38 RT | 671.88 | 667.76 | | | 667.76 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 727 | 124+82.85 | 22.87 LT | N/A | 666.27 | | 666.27 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| 728 | 125+50.00 | 47.80 LT | 670.62 | 663.15 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| 728A | 125+50.00 | 28.50 LT | 671.38 | | 658.81 | 663.08 | 658.81 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 729 | 126+18.51 | 30.00 LT | 670.70 | 664.87 | 658.62 | | 658.62 | | | | | | | | | | | | | | | | 1 | | | | | | | | | SEE DETAIL ON DRAINAGE PLAN AND PROFILE SHEETS |
| 730 | 126+89.97 | 55.01 LT | 670.75 | | 664.55 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 731 | 127+18.45 | 54.19 LT | 670.60 | | | | 664.29 | | | | 662.29 | | | | | | | | 1 | | | | | | | | | | | | | | | |
| 732 | 126+16.00 | 28.50 RT | 670.80 | | | 665.15 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 733 | 128+40.00 | 31.37 RT | 669.18 | | | | 667.48 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 734 | 127+41.00 | 28.50 RT | 669.91 | 667.00 | 667.10 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 735 | 127+43.29 | 21.67 LT | 670.07 | 666.00 | | N/A | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | CONNECT EXISTING PIPE |
| 736 | 127+41.00 | 28.50 LT | 669.91 | | 658.27 | 665.95 | 658.27 | 662.00 | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| 737 | 128+40.00 | 29.18 LT | 669.20 | | 657.99 | | 657.99 | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| 738 | 128+95.03 | 29.57 LT | 668.60 | | 657.93 | | 657.84 | | | | | | | | | | | | | | | | | | | | 1 | | | | | OUTLET CONTROL STRUCTURE SEE DRAINAGE DETAILS |
| 800 | 114+24.81 | 67.30 RT | 672.00 | | | | | 667.70 | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 801 | 114+18.08 | 70.00 RT | N/A | | | | | | | | 667.65 | | | | | | | | | | | | | | | | 1 | | | | | CONNECT TO EXISTING BC |
| 803 | 114+09.24 | 66.80 RT | 669.90 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| 901 | 239+85.17 | 32.00 LT | 684.51 | | | 682.21 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 902 | 239+59.88 | 27.60 LT | 684.67 | 682.12 | | | | | | | 682.12 | 1 | | | | | | | | | | | | | | | | | | | | | |
| ES-1 | 241+00.00 | 39.50 LT | N/A | 681.12 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| ES-2 | 241+50.00 | 35.60 LT | N/A | | | 680.87 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| | | | | | | | | | | | TOTAL | 26 | 2 | 2 | 8 | 2 | 10 | 2 | 3 | 3 | 5 | 43 | 5 | 8 | 1 | 7 | 6 | 2 | 2 | 2 | | | |

# PROPOSED PIPE SCHEDULE

| PIPE NO. | PIPE CULVERTS CLASS A, TYPE 2 12" | STORM SEWERS, CLASS A, TYPE 2 12" | STORM SEWERS, CLASS A, TYPE 2 15" | STORM SEWERS, CLASS A, TYPE 2 18" | STORM SEWERS, CLASS A, TYPE 2 24" | STORM SEWERS, CLASS A, TYPE 2 30" | STORM SEWERS, CLASS A, TYPE 2 36" | STORM SEWERS, CLASS A, TYPE 2 42" | STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12" | STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15" | STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24" | PIPE SLOPE | TRENCH BACKFILL | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | (%) | CU YD | |
| 100 | | 53.0 | | | | | | | | | | 1.00% | 20 | |
| 102 | | 3.2 | | | | | | | | | | 0.94% | 5 | |
| 103 | | | 56.0 | | | | | | | | | 0.68% | 50 | |
| 104 | | 57.0 | | | | | | | | | | 0.50% | 15 | |
| 105 | | 53.0 | | | | | | | | | | 0.51% | 15 | |
| 106 | | 3.2 | | | | | | | | | | 0.94% | 5 | |
| 107 | | | 56.0 | | | | | | | | | 1.04% | 55 | |
| 108 | | 3.2 | | | | | | | | | | 0.94% | 5 | |
| 109 | | | | 76.5 | | | | | | | | 1.01% | 95 | |
| 110 | | 53.0 | | | | | | | | | | 0.51% | 20 | |
| 111 | | 3.9 | | | | | | | | | | 1.02% | 5 | |
| 112 | | | | | | | | | | | 210.5 | 0.40% | 290 | |
| 113 | | 103.0 | | | | | | | | | | 0.51% | 20 | |
| 114 | | 76.7 | | | | | | | | | | 0.52% | 20 | |
| 115 | | 13.0 | | | | | | | | | | 0.54% | 15 | |
| 116 | | 53.0 | | | | | | | | | | 0.51% | 50 | |
| 118 | | 3.9 | | | | | | | | | | 0.51% | 5 | |
| 119 | | | | | | | | | | | 207.1 | 0.80% | 280 | |
| 120 | | 3.0 | | | | | | | | | | 1.01% | 5 | |
| 122 | | 2.0 | | | | | | | | | | 1.00% | 5 | |
| 123 | | 3.9 | | | | | | | | | | 1.02% | 5 | |
| 124 | | | | | | | | | | | 254.8 | 0.80% | 320 | |
| 125 | | 55.0 | | | | | | | | | | 0.51% | 20 | |
| 126 | | 3.6 | | | | | | | | | | 1.11% | 5 | |
| 127 | | | | | | | | | | | 106.0 | 0.80% | 110 | |
| 128A | | | | | | | | | 3.5 | | | 1.14% | 5 | |
| 128B | | | | | | | | | | | 97.8 | 0.79% | 85 | |
| 128C | | | | | | | | | 3.4 | | | 1.47% | 5 | |
| 128 | | | | | | | | | | | 14.2 | 0.70% | 5 | |
| 129 | | 86.3 | | | | | | | | | | 0.50% | - | |
| 130 | | 15.0 | | | | | | | | | | 0.60% | 15 | |
| 131 | | 51.0 | | | | | | | | | | 0.39% | 55 | |
| 132 | | 3.6 | | | | | | | | | | 1.10% | 5 | |
| 133 | | | | | | | | | | | 226.6 | 1.00% | 260 | |
| 134 | | 14.8 | | | | | | | | | | 1.49% | 15 | |
| 135 | | 52.1 | | | | | | | | | | 0.50% | 55 | |
| 136 | | 2.9 | | | | | | | | | | 1.04% | 5 | |
| 137 | | | | | | | | | | | 225.4 | 1.00% | 240 | |
| 138A | | 15.5 | | | | | | | | | | 1.48% | 5 | |
| 138 | | 48.0 | | | | | | | | | | 0.50% | 20 | |
| 139 | | 5.2 | | | | | | | | | | 1.15% | 5 | |
| 140 | | | | | 117.8 | | | | | | | 1.20% | 115 | |
| 141 | | | | | 93.9 | | | | | | | 1.20% | 110 | |
| 142 | | 16.0 | | | | | | | | | | 1.50% | 20 | |
| 143 | | 46.2 | | | | | | | | | | 0.52% | 50 | |
| 144 | | 5.2 | | | | | | | | | | 1.17% | 5 | |
| 145 | | | | | | 192.0 | | | | | | 1.20% | 260 | |
| 146 | | 51.4 | | | | | | | | | | 0.51% | 20 | |
| 147 | | 4.7 | | | | | | | | | | 1.06% | 5 | |
| 148 | | | | | | | | 239.2 | | | | 0.30% | 330 | |
| 149 | | 95.5 | | | | | | | | | | 1.01% | - | |
| 149A | | 14.3 | | | | | | | | | | 1.54% | 15 | |
| 150 | | 54.8 | | | | | | | | | | 0.51% | 60 | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-schedule05.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 08/30/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITES**

SCALE: NONE | SHEET 5 OF 8 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 33 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## PROPOSED PIPE SCHEDULE

| PIPE NO. | PIPE CULVERTS CLASS A, TYPE 2 12" | STORM SEWERS, CLASS A, TYPE 2 12" | STORM SEWERS, CLASS A, TYPE 2 15" | STORM SEWERS, CLASS A, TYPE 2 18" | STORM SEWERS, CLASS A, TYPE 2 24" | STORM SEWERS, CLASS A, TYPE 2 30" | STORM SEWERS, CLASS A, TYPE 2 36" | STORM SEWERS, CLASS A, TYPE 2 42" | STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12" | STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15" | STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24" | PIPE SLOPE | TRENCH BACKFILL | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | (%) | CU YD | |
| 150 | | 54.8 | | | | | | | | | | 0.51% | 60 | |
| 151 | | 3.4 | | | | | | | | | | 0.59% | 5 | |
| 152 | | | | | | | | 59.7 | | | | 0.30% | 70 | |
| 300 | | 62.5 | | | | | | | | | | 0.50% | 20 | |
| 301 | | 61.8 | | | | | | | | | | 0.50% | 20 | |
| 302 | | 33.3 | | | | | | | | | | 0.51% | 15 | |
| 500 | | 7.0 | | | | | | | | | | 2.14% | 5 | |
| 501 | | | 90.4 | | | | | | | | | 1.10% | 30 | |
| 502 | | | 61.1 | | | | | | | | | 1.03% | 5 | |
| 503 | | 3.9 | | | | | | | | | | 1.10% | 25 | |
| 504 | | 4.0 | | | | | | | | | | 1.00% | 5 | |
| 505 | | | 63.8 | | | | | | | | | 1.10% | 45 | |
| 506 | | 3.6 | | | | | | | | | | 1.11% | 5 | |
| 508 | | 7.1 | | | | | | | | | | 0.99% | 5 | |
| 509 | | | | | | | | | | 105.3 | | 1.40% | 90 | |
| 510 | | | 135.7 | | | | | | | | | 1.40% | 125 | |
| 511 | | 135.7 | | | | | | | | | | 0.50% | 35 | |
| 512 | | 56.6 | | | | | | | | | | 0.50% | 10 | |
| 514 | | 5.8 | | | | | | | | | | 1.90% | 5 | |
| 515 | | | 56.3 | | | | | | | | | 1.40% | 55 | |
| 516 | | | 193.0 | | | | | | | | | 1.40% | 165 | |
| 517 | | | 33.0 | | | | | | | | | 1.39% | 35 | |
| 518 | | 153.0 | | | | | | | | | | 0.40% | 25 | |
| 519 | | 2.4 | | | | | | | | | | 1.25% | 5 | |
| 521 | | 6.9 | | | | | | | | | | 1.01% | 5 | |
| 522 | | | 121.1 | | | | | | | | | 1.40% | 120 | |
| 523 | | | 76.9 | | | | | | | | | 1.40% | 80 | |
| 700 | | 59.5 | | | | | | | | | | 0.50% | 15 | |
| 701 | | 52.5 | | | | | | | | | | 0.55% | 15 | |
| 702 | | 53.0 | | | | | | | | | | 0.51% | 20 | |
| 708 | | 58.5 | | | | | | | | | | 0.50% | 15 | |
| 709 | | | | | | | | | 41.7 | | | 0.50% | 10 | |
| 710 | | | | | | | | | 63.5 | | | 0.50% | 25 | |
| 711 | | 3.6 | | | | | | | | | | 0.56% | 5 | |
| 714 | | 4.0 | | | | | | | | | | 0.75% | 5 | |
| 716 | | 3.5 | | | | | | | | | | 1.13% | 5 | |
| 719 | | 110.9 | | | | | | | | | | 0.40% | 20 | |
| 720 | | 3.1 | | | | | | | | | | 0.97% | 5 | |
| 722 | | 11.1 | | | | | | | | | | 1.00% | 15 | |
| 725 | | 77.8 | | | | | | | | | | 0.99% | 20 | |
| 728 | | 13.8 | | | | | | | | | | 0.51% | 15 | |
| 728A | | | | | | | 63.5 | | | | | 0.30% | 140 | |
| 729 | | | | | | | 117.5 | | | | | 0.30% | 250 | |
| 730 | | | | | | | | | 25.5 | | | 1.02% | 20 | |
| 731 | | | | | | | | | 29.3 | | | 0.99% | 30 | |
| 732 | | 55.1 | | | | | | | | | | 0.51% | 35 | |
| 733 | | 96.0 | | | | | | | | | | 0.40% | 15 | |
| 735 | | 4.1 | | | | | | | | | | 1.22% | 5 | |
| 736 | | | | | | | 94.0 | | | | | 0.30% | 185 | |
| 737 | | | | | | | 49.5 | | | | | 0.30% | 95 | |
| 800 | | 6.2 | | | | | | | | | | 0.81% | | |
| 901 | | 23.7 | | | | | | | | | | 0.38% | 5 | |
| CU-1 | 38.0 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTAL ROUNDED | 40 | 2,315 | 945 | 80 | 215 | 195 | 325 | 300 | 170 | 110 | 1,345 | | 5,190 | |

## PROPOSED PIPE UNDERDRAIN SCHEDULE

| FROM STATION | FROM OFFSET | TO STATION | TO OFFSET | CONNECT TO STRUCTURE | PIPE UNDERDRAINS TYPE 2 4" |
|---|---|---|---|---|---|
| | | | | | FOOT |
| 81+03.40 | 31.20 LT | 81+33.40 | 31.10 LT | 150 | 30.0 |
| 81+03.40 | 30.40 RT | 81+33.40 | 31.40 RT | 151 | 30.0 |
| 83+55.40 | 30.90 LT | 83+85.40 | 30.90 LT | 146 | 30.0 |
| 83+55.40 | 27.20 RT | 83+85.40 | 26.70 RT | 147 | 30.0 |
| 87+66.40 | 30.90 LT | 87+96.40 | 30.90 LT | 138 | 30.0 |
| 87+66.40 | 23.90 RT | 87+96.40 | 23.90 RT | 139 | 30.0 |
| 89+95.40 | 30.90 LT | 90+25.40 | 30.90 LT | 135 | 30.0 |
| 89+95.70 | 28.00 RT | 90+25.70 | 28.80 RT | 136 | 30.0 |
| 92+26.40 | 28.90 LT | 92+56.40 | 30.90 LT | 131 | 30.0 |
| 92+26.40 | 28.90 RT | 92+56.40 | 30.90 RT | 132 | 30.0 |
| 94+56.40 | 30.90 LT | 94+86.40 | 30.90 LT | 125 | 30.0 |
| 94+56.40 | 30.90 RT | 94+86.40 | 30.90 RT | 126 | 30.0 |
| 97+21.40 | 30.90 LT | 97+51.40 | 30.90 LT | 120 | 30.0 |
| 97+20.80 | 28.90 RT | 97+50.80 | 30.90 RT | 123 | 30.0 |
| 99+34.10 | 30.90 LT | 99+64.10 | 30.90 LT | 116 | 30.0 |
| 99+31.90 | 28.90 RT | 99+61.90 | 30.90 RT | 118 | 30.0 |
| 105+90.60 | 30.90 LT | 106+20.60 | 30.90 LT | 504 | 30.0 |
| 105+91.30 | 30.90 RT | 106+21.30 | 29.20 RT | 300 | 30.0 |
| 109+11.80 | 30.90 LT | 109+41.80 | 30.90 LT | 515 | 30.0 |
| 109+12.20 | 30.90 RT | 109+42.20 | 26.70 RT | 513 | 30.0 |
| 112+06.00 | 30.90 LT | 112+36.00 | 30.90 LT | 522 | 30.0 |
| 111+74.60 | 30.90 RT | 112+04.60 | 28.90 RT | 519 | 30.0 |
| 115+02.00 | 30.90 LT | 115+32.00 | 30.90 LT | 704 | 30.0 |
| 115+04.00 | 30.90 RT | 115+34.00 | 29.10 RT | 701 | 30.0 |
| 116+88.00 | 30.90 LT | 117+18.00 | 30.90 LT | 707 | 30.0 |
| 116+89.60 | 30.90 RT | 117+19.60 | 28.90 RT | 711 | 30.0 |
| 119+27.90 | 30.90 LT | 119+57.90 | 30.90 LT | 717 | 30.0 |
| 119+23.60 | 30.90 RT | 119+53.60 | 28.90 RT | 714 | 30.0 |
| 122+02.00 | 30.90 LT | 122+32.00 | 30.90 LT | 723 | 30.0 |
| 121+92.07 | 30.30 RT | 122+22.07 | 30.30 RT | 720 | 30.0 |
| 123+65.80 | 30.90 LT | 123+95.80 | 30.90 LT | 724 | 30.0 |
| 123+67.00 | 30.30 RT | 123+97.00 | 30.30 RT | 725 | 30.0 |
| 127+08.70 | 30.90 LT | 127+38.70 | 30.90 LT | 736 | 30.0 |
| 127+09.60 | 30.90 RT | 127+39.60 | 30.90 RT | 734 | 30.0 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | TOTAL | 1,020 |

NOTE: COST OF PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE UNDERDRAINS.

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D1162G37-sht-schedule06.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 08/30/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITES**

SCALE: NONE | SHEET 6 OF 8 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 34 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

# SIGNING SCHEDULE

| DRW NO. | STATION | LT/RT | SIGN TYPE | SIGN PANEL SIZE & TYPE | | | | SIGN SUPPORT TYPE | | | NO POST | RELOCATE SIGN PANEL | | | | REMOVING AND RESETTING STREET SIGN | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | METAL POST | | TELES | | | | ASSEMBLY | | | |
| | | | | WIDTH | DEPTH | T1 | T2 | TYPE A | TYPE B | STEEL | | TYPE 1 | TYPE 2 | TYPE A | TYPE B | | |
| | | | | INCHES | INCHES | SQ FT | SQ FT | LENGTH | FOOT) | SIGN | | SQ FT | | EACH | | EACH | |
| PM 1 | 64+03 | LT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| PM2 | 66+79 | RT | | | | | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 67+60 | RT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | | | | EX TO REMAIN |
| | 70+05 | LT | W6-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | | | | EX TO REMAIN |
| | 70+63 | RT | | | | | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 73+22 | RT | | | | | - | | | | | | | | | | EX TO REMAIN |
| | 73+26 | RT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | W16-9P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 73+27 | RT | | | | | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 73+75 | RT | | | | | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 74+22 | LT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 74+51 | LT | | | | | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 74+58 | RT | | | | | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 77+36 | RT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | 1 | | NEW SIGNAL POLE |
| | | | W16-7P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 77+40 | LT | R10-I104 | 36 | 36 | 9 | - | - | - | - | - | - | - | 1 | - | | NEW SIGNAL POLE |
| | 78+36 | RT | D9-2 | 24 | 24 | 4 | - | - | 14 | - | 1 | - | - | 1 | - | | MP TYPE B |
| | | | W16-5P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 78+39 | LT | | 24 | 18 | 3 | - | - | - | - | - | 3 | - | - | - | | NEW SIGNAL POLE |
| | 78+54 | RT | | | | | - | - | 17 | - | 1 | - | - | - | 1 | | MP TYPE B |
| | 78+57 | LT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | 1 | | NEW SIGNAL POLE |
| | | | W16-7P | 24 | 12 | 2 | - | | | | | | | | | | |
| | | | R1-1 | 30 | 30 | 6.25 | - | | | | | | | | | | |
| | 79+52 | LT | | | | | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| PM 3 | 80+60 | LT | R10-I104 | 36 | 36 | 9 | - | 27 | | | 2 | 9 | | | | | MP TYPE A |
| | 82+68 | RT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 89+20 | LT | R2-1 | 30 | 36 | 7.5 | - | 27 | | | 2 | 7.5 | | | | | MP TYPE A |
| | 89+36 | RT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 92+20 | RT | S1-1 | 36 | 36 | 9 | - | - | - | 17.5 | 1 | - | - | - | 1 | | TELES STL SIN SUPPORT |
| | | | W16-9P | 24 | 12 | 2 | - | | | | | | | | | | |
| | | | R7-1 | 12 | 18 | 1.5 | - | | | | | | | | | | |
| PM 4 | 95+10 | LT | R2-1 | 30 | 36 | 7.5 | - | - | - | 16.5 | 1 | - | - | 1 | - | | TELES STL SIN SUPPORT |
| | | | R7-1 | 12 | 18 | 1.5 | - | | | | | | | | | | |
| | 96+10 | RT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | 1 | | NEW SIGNAL POLE |
| | | | W16-7P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 96+85 | LT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | 1 | | NEW SIGNAL POLE |
| | | | W16-7P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 98+15 | RT | R2-1 | 30 | 36 | 7.5 | - | 27 | | | 2 | 7.5 | | | | | MP TYPE A |
| | 100+50 | LT | S1-1 | 36 | 36 | 9 | - | - | - | 16 | 1 | - | - | - | 1 | | TELES STL SIN SUPPORT |
| | | | W16-9P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 100+65 | LT | R12-1 | 24 | 30 | 5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 101+09 | RT | R1-1 | 30 | 30 | 6.25 | - | - | 13.5 | - | 1 | 6.25 | - | - | - | | MP TYPE B |
| | 101+90 | RT | D9-2 | 24 | 24 | 4 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | W16-5P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 102+81 | LT | R2-1 | 30 | 36 | 7.5 | - | 27 | - | - | 2 | 7.5 | - | - | - | | MP TYPE A |
| | 103+79 | LT | R1-1 | 30 | 30 | 6.25 | - | - | - | - | - | 6.25 | - | - | - | | NEW SIGNAL POLE |
| | 239+97 | RT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 240+59 | RT | S4-5 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 241+34 | RT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | W16-7P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 241+69 | LT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | S5-2 | 24 | 30 | 5 | - | | | | | | | | | | |
| | 104+58 | RT | R1-1 | 30 | 30 | 6.25 | - | - | - | - | - | 6.25 | - | - | - | | NEW SIGNAL POLE |
| | 104+66 | LT | D9-2 | 24 | 24 | 4 | - | - | - | - | - | - | - | - | 1 | | NEW SIGNAL POLE |
| | | | W16-5P | 24 | 12 | 2 | - | | | | | | | | | | |
| | | | R1-1 | 30 | 30 | 6.25 | - | | | | | | | | | | |
| | 105+75 | RT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 107+76 | RT | R1-1 | 30 | 30 | 6.25 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 108+17 | RT | | | | | - | | | | | | | | | | EX TO REMAIN |
| | | | | | SUBTOTAL 1 = | | | 108 | 45 | 50 | 14 | 54 | 0 | 3 | 8 | 0 | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D1162G37-sht-schedule07sgn.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 08/30/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITES**

SCALE: NONE | SHEET 7 OF 8 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 35 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

# SIGNING SCHEDULE

| DRW NO. | STATION | LT/RT | SIGN TYPE | SIGN PANEL SIZE & TYPE | | | | SIGN SUPPORT TYPE | | | NO POST | RELOCATE SIGN PANEL | | | | REMOVING AND RESETTING STREET SIGN | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | METAL POST | | TELES | | | | ASSEMBLY | | | |
| | | | | WIDTH | DEPTH | T1 | T2 | TYPE A | TYPE B | STEEL | | TYPE 1 | TYPE 2 | TYPE A | TYPE B | | |
| | | | | INCHES | INCHES | SQ FT | SQ FT | LENGTH | FOOT) | SIGN | | SQ FT | | EACH | | EACH | |
| PM 5 | 110+85 | LT | R7-1 | 12 | 18 | 1.5 | - | 12 | - | - | 1 | 1.5 | - | - | - | | MP TYPE A |
| | 113+50 | RT | R7-1 | 12 | 18 | 1.5 | - | 12 | - | - | 1 | 1.5 | - | - | - | | MP TYPE A |
| | 116+00 | RT | R7-1 | 12 | 18 | 1.5 | - | 12 | - | - | 1 | 1.5 | - | - | - | | MP TYPE A |
| | | LT | | | | | - | - | 30 | - | 2 | - | - | - | 1 | | MP TYPE B |
| | 116+50 | | | | | | - | | | | | | | | | | |
| | | LT | R2-1 | 30 | 36 | 7.5 | - | - | - | 16.5 | 1 | - | - | 1 | - | | TELES STL SIN SUPPORT |
| | 116+80 | | R7-1 | 12 | 18 | 1.5 | - | | | | | | | | | | |
| | 116+96 | LT | | | | | - | - | - | - | - | - | - | - | - | 1 | - |
| | 117+43 | LT | R1-1 | 30 | 30 | 6.25 | - | - | 13.5 | - | 1 | 6.25 | - | - | - | | MP TYPE B |
| | 117+97 | RT | | | | | - | - | - | - | - | - | - | - | - | 1 | - |
| | 118+30 | RT | R1-1 | 30 | 30 | 6.25 | - | - | 13.5 | - | 1 | 6.25 | - | - | - | | MP TYPE B |
| | | RT | R2-1 | 30 | 36 | 7.5 | - | - | - | 16.5 | 1 | - | - | 1 | - | | TELES STL SIN SUPPORT |
| | 119+00 | | R7-1 | 12 | 18 | 1.5 | - | | | | | | | | | | |
| | 121+60 | LT | R7-1 | 12 | 18 | 1.5 | - | 12 | - | - | 1 | 1.5 | - | - | - | | MP TYPE A |
| | 122+65 | LT | R7-1 | 12 | 18 | 1.5 | - | 12 | - | - | 1 | 1.5 | - | - | - | | MP TYPE A |
| | | RT | S1-1 | 36 | 36 | 9 | - | - | - | 17.5 | 1 | - | - | - | 1 | | TELES STL SIN SUPPORT |
| | | | W16-9P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 126+70 | | R7-1 | 12 | 18 | 1.5 | - | | | | | | | | | | |
| PM 6 | 126+87 | LT | | | | | - | - | - | - | - | - | - | - | - | 1 | - |
| | 129+36 | LT | R1-1 | 30 | 30 | 6.25 | - | - | 13.5 | - | 1 | 6.25 | - | - | - | | MP TYPE B |
| | 130+08 | LT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 130+24 | RT | R1-1 | 30 | 30 | 6.25 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | RT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | 1 | | NEW SIGNAL POLE |
| | 130+36 | | W16-7P | 24 | 12 | 2 | - | | | | | | | | | | |
| | | LT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 131+13 | | R1-1 | 30 | 30 | 6.25 | - | | | | | | | | | | |
| | | LT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | W16-7P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 132+26 | | R1-1 | 30 | 30 | 6.25 | - | | | | | | | | | | |
| | 133+28 | RT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | LT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | W16-9P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 133+65 | | R7-1 | 12 | 18 | 1.5 | - | | | | | | | | | | |
| | 136+16 | LT | | | | | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | RT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | W16-9P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 136+95 | | R7-1 | 12 | 18 | 1.5 | - | | | | | | | | | | |
| | | LT | W3-3 | 30 | 30 | 6.25 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 139+98 | | D3-1 | 12 | 30 | 2.5 | - | | | | | | | | | | |
| PM 7 | | LT | R2-1 | 30 | 36 | 7.5 | - | - | - | 16.5 | 1 | - | - | 1 | - | 1 | TELES STL SIN SUPPORT |
| | 140+06 | | R7-1 | 12 | 18 | 1.5 | - | | | | | | | | | | |
| | 140+42 | RT | R10-7 | 24 | 30 | 5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | LT | R1-1 | 30 | 30 | 6.25 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 140+74 | | R3-2 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | RT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | W16-7P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 141+19 | | R10-11b | 36 | 36 | 9 | - | | | | | | | | | | |
| | | LT | S1-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | W16-7P | 24 | 12 | 2 | - | | | | | | | | | | |
| | 141+64 | | R10-7 | 24 | 30 | 5 | - | | | | | | | | | | |
| | | LT | R10-11b | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | 143+35 | | R1-1 | 30 | 30 | 6.25 | - | | | | | | | | | | |
| | 145+30 | RT | R2-1 | 30 | 36 | 7.5 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | RT | R3-1 | 36 | 36 | 9 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | R10-7 | 24 | 24 | 4 | - | | | | | | | | | | |
| | 146+79 | | R10-7 | 24 | 30 | 5 | - | | | | | | | | | | |
| | 146+83 | LT | | | | | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | LT | R1-1 | 30 | 30 | 6.25 | - | - | - | - | - | - | - | - | - | | EX TO REMAIN |
| | | | | | SUBTOTAL 2 = | | | 60 | 71 | 67 | | 27 | 0 | 3 | 3 | 4 | |
| | | | | TOTAL | | | | 168 | 116 | 117 | | 81 | 0 | 6 | 11 | 4 | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D1162G37-sht-schedule08sgn.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 08/30/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITES**

SCALE: NONE | SHEET 8 OF 8 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 36 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

**CONTROL POINT 1**
1" = 50'



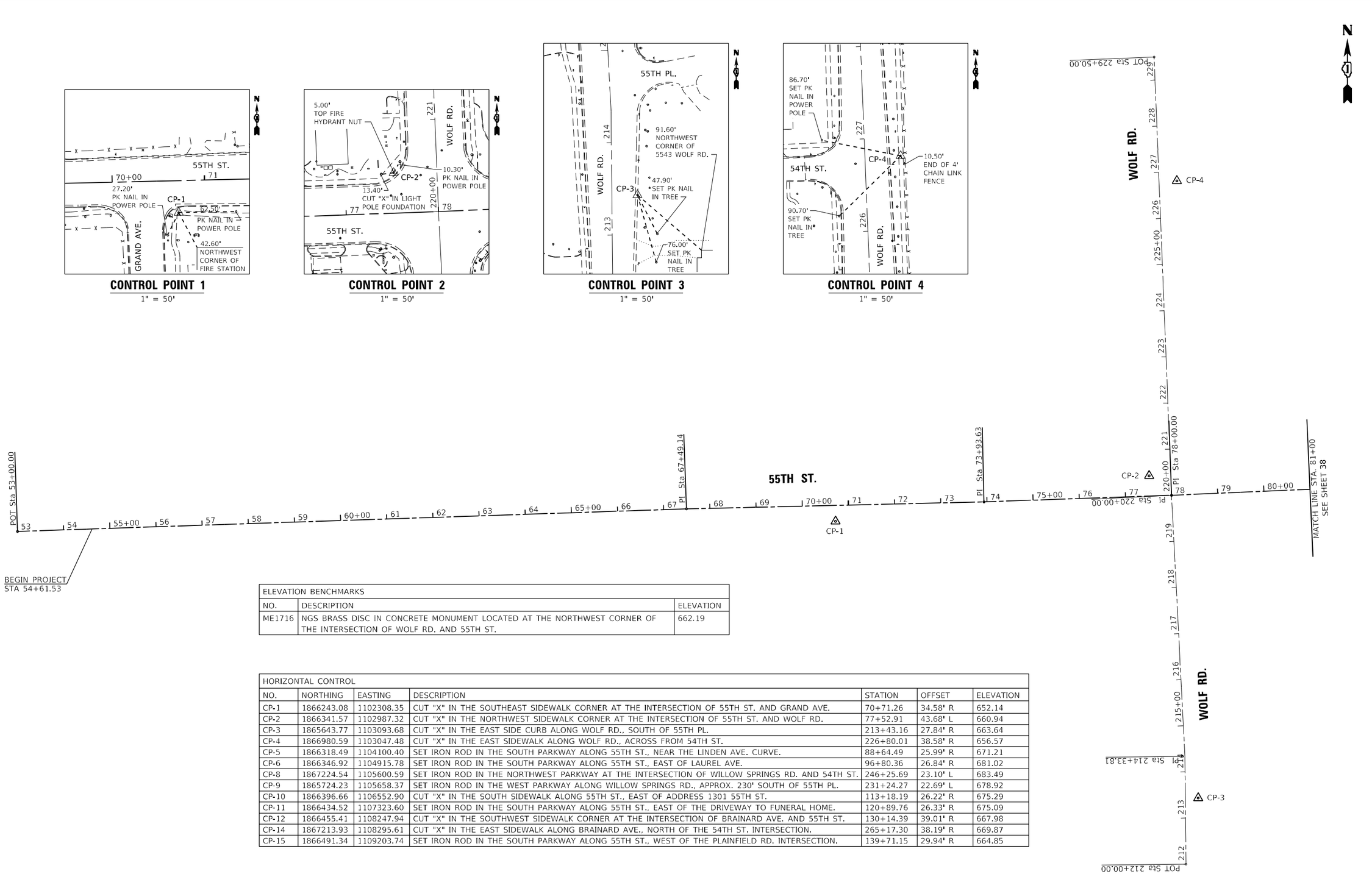

**CONTROL POINT 2**
1" = 50'




**CONTROL POINT 3**
1" = 50'




**CONTROL POINT 4**
1" = 50'




| ELEVATION BENCHMARKS | | |
|---|---|---|
| NO. | DESCRIPTION | ELEVATION |
| ME1716 | NGS BRASS DISC IN CONCRETE MONUMENT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF WOLF RD. AND 55TH ST. | 662.19 |

| HORIZONTAL CONTROL | | | | | | |
|---|---|---|---|---|---|---|
| NO. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET | ELEVATION |
| CP-1 | 1866243.08 | 1102308.35 | CUT "X" IN THE SOUTHEAST SIDEWALK CORNER AT THE INTERSECTION OF 55TH ST. AND GRAND AVE. | 70+71.26 | 34.58' R | 652.14 |
| CP-2 | 1866341.57 | 1102987.32 | CUT "X" IN THE NORTHWEST SIDEWALK CORNER AT THE INTERSECTION OF 55TH ST. AND WOLF RD. | 77+52.91 | 43.68' L | 660.94 |
| CP-3 | 1865643.77 | 1103093.68 | CUT "X" IN THE EAST SIDE CURB ALONG WOLF RD., SOUTH OF 55TH PL. | 213+43.16 | 27.84' R | 663.64 |
| CP-4 | 1866980.59 | 1103047.48 | CUT "X" IN THE EAST SIDEWALK ALONG WOLF RD., ACROSS FROM 54TH ST. | 226+80.01 | 38.58' R | 656.57 |
| CP-5 | 1866318.49 | 1104100.40 | SET IRON ROD IN THE SOUTH PARKWAY ALONG 55TH ST., NEAR THE LINDEN AVE. CURVE. | 88+64.49 | 25.99' R | 671.21 |
| CP-6 | 1866346.92 | 1104915.78 | SET IRON ROD IN THE SOUTH PARKWAY ALONG 55TH ST., EAST OF LAUREL AVE. | 96+80.36 | 26.84' R | 681.02 |
| CP-8 | 1867224.54 | 1105600.59 | SET IRON ROD IN THE NORTHWEST PARKWAY AT THE INTERSECTION OF WILLOW SPRINGS RD. AND 54TH ST. | 246+25.69 | 23.10' L | 683.49 |
| CP-9 | 1865724.23 | 1105658.37 | SET IRON ROD IN THE WEST PARKWAY ALONG WILLOW SPRINGS RD., APPROX. 230' SOUTH OF 55TH PL. | 231+24.27 | 22.69' L | 678.92 |
| CP-10 | 1866396.66 | 1106552.90 | CUT "X" IN THE SOUTH SIDEWALK ALONG 55TH ST., EAST OF ADDRESS 1301 55TH ST. | 113+18.19 | 26.22' R | 675.29 |
| CP-11 | 1866434.52 | 1107323.60 | SET IRON ROD IN THE SOUTH PARKWAY ALONG 55TH ST., EAST OF THE DRIVEWAY TO FUNERAL HOME. | 120+89.76 | 26.33' R | 675.09 |
| CP-12 | 1866455.41 | 1108247.94 | CUT "X" IN THE SOUTHWEST SIDEWALK CORNER AT THE INTERSECTION OF BRAINARD AVE. AND 55TH ST. | 130+14.39 | 39.01' R | 667.98 |
| CP-14 | 1867213.93 | 1108295.61 | CUT "X" IN THE EAST SIDEWALK ALONG BRAINARD AVE., NORTH OF THE 54TH ST. INTERSECTION. | 265+17.30 | 38.19' R | 669.87 |
| CP-15 | 1866491.34 | 1109203.74 | SET IRON ROD IN THE SOUTH PARKWAY ALONG 55TH ST., WEST OF THE PLAINFIELD RD. INTERSECTION. | 139+71.15 | 29.94' R | 664.85 |

MODEL: Default
FILE NAME: X:\500 Drawings\502 C400 Sheets\D162G37-sht-ATB01.cgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
|---|---|---|
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 200.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - $CHECK_SUE$ | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES, AND BENCHMARKS**
**55TH STREET**

SCALE: 1"=100' | SHEET 1 OF 3 SHEETS | STA. 53+00 TO STA. 81+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 37 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

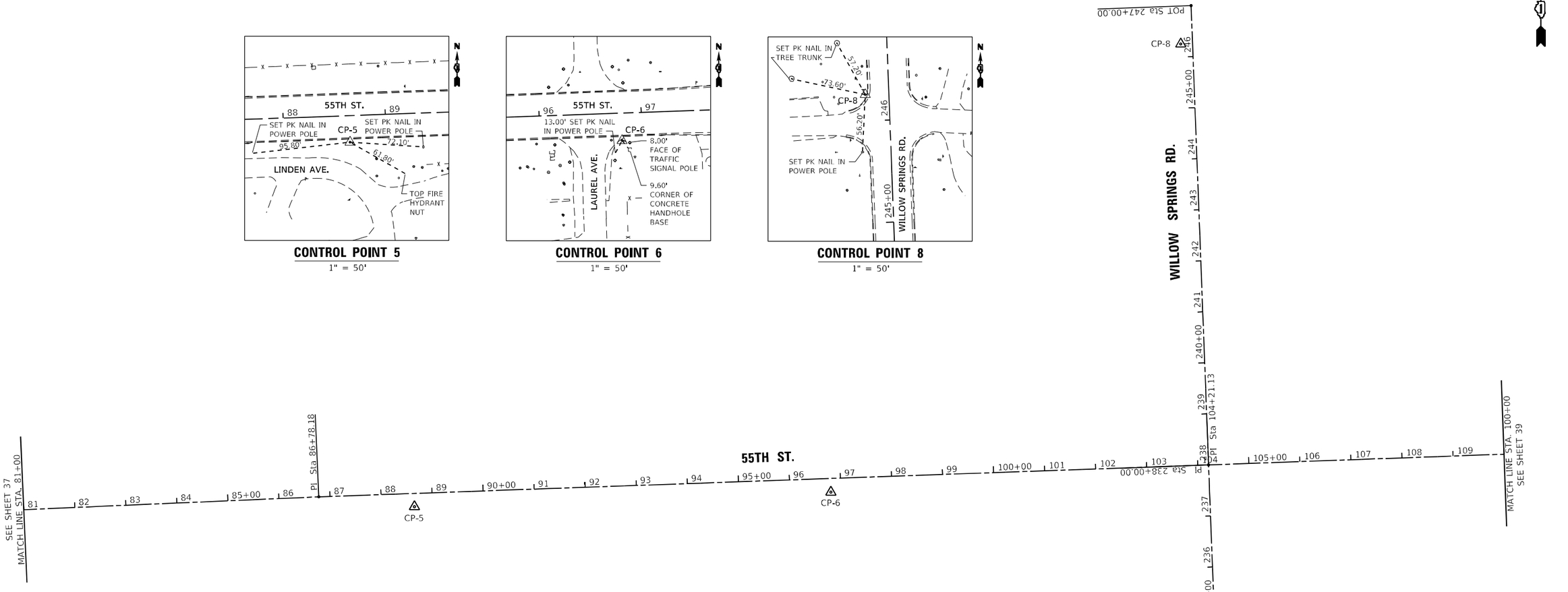
**CONTROL POINT 5**
1" = 50'

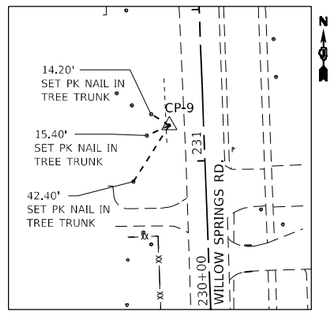



**CONTROL POINT 6**
1" = 50'




**CONTROL POINT 8**
1" = 50'




**CONTROL POINT 9**
1" = 50'

MODEL: Default
FILE NAME: X:\500 Drawings\502 C&DD Sheets\D162G37-sht-ATB02.dgn


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

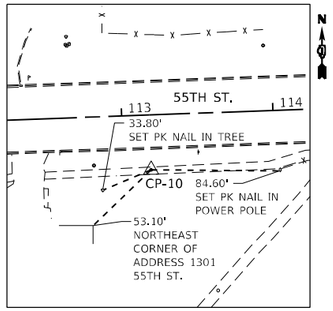

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 200.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - SCHECK_SUES | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

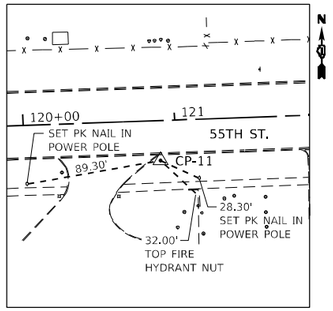
**ALIGNMENTS, TIES, AND BENCHMARKS**
**55TH STREET**

SCALE: 1"=100' | SHEET 2 OF 3 SHEETS | STA. 81+00 | TO STA. 100+00

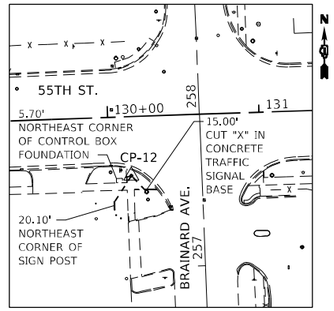
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 38 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |



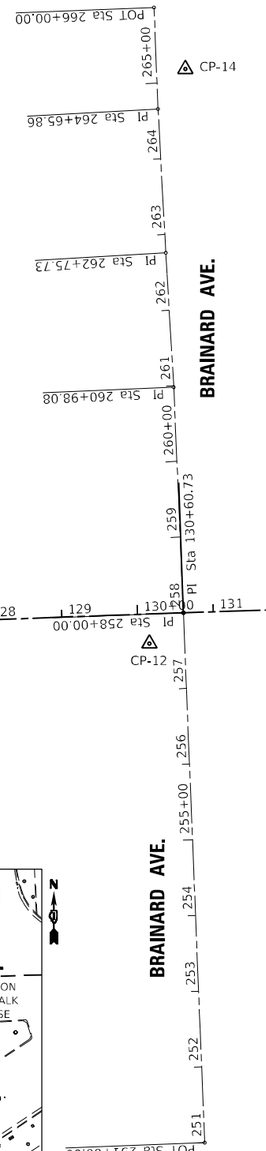

**CONTROL POINT 10**
1" = 50'

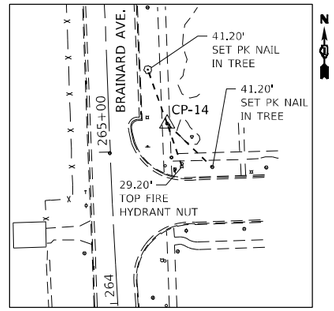



**CONTROL POINT 11**
1" = 50'

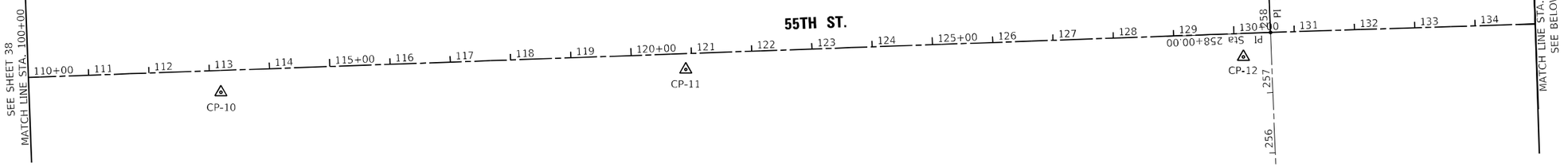


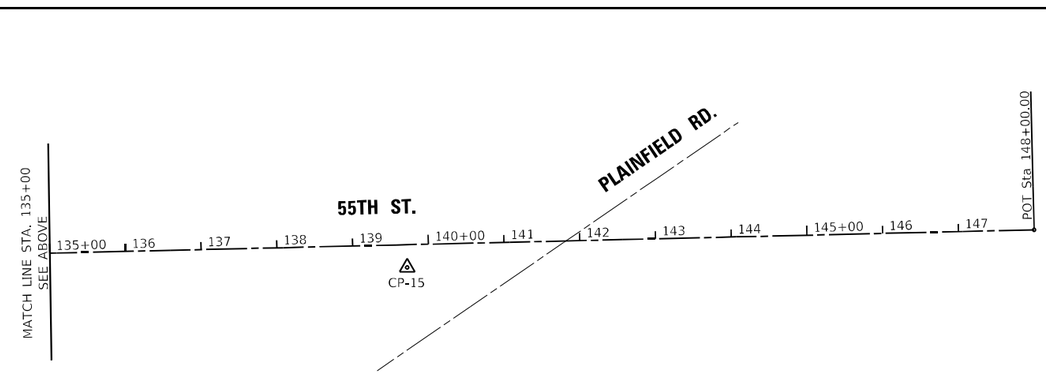

**CONTROL POINT 12**
1" = 50'

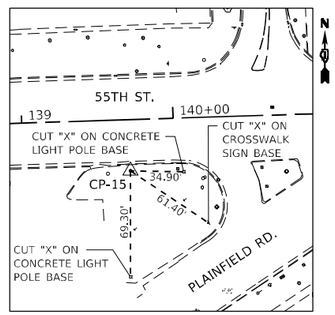



**CONTROL POINT 14**
1" = 50'




**CONTROL POINT 15**
1" = 50'

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\0162G37-jht-ATR03.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 200.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - SCHECK_SUES | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

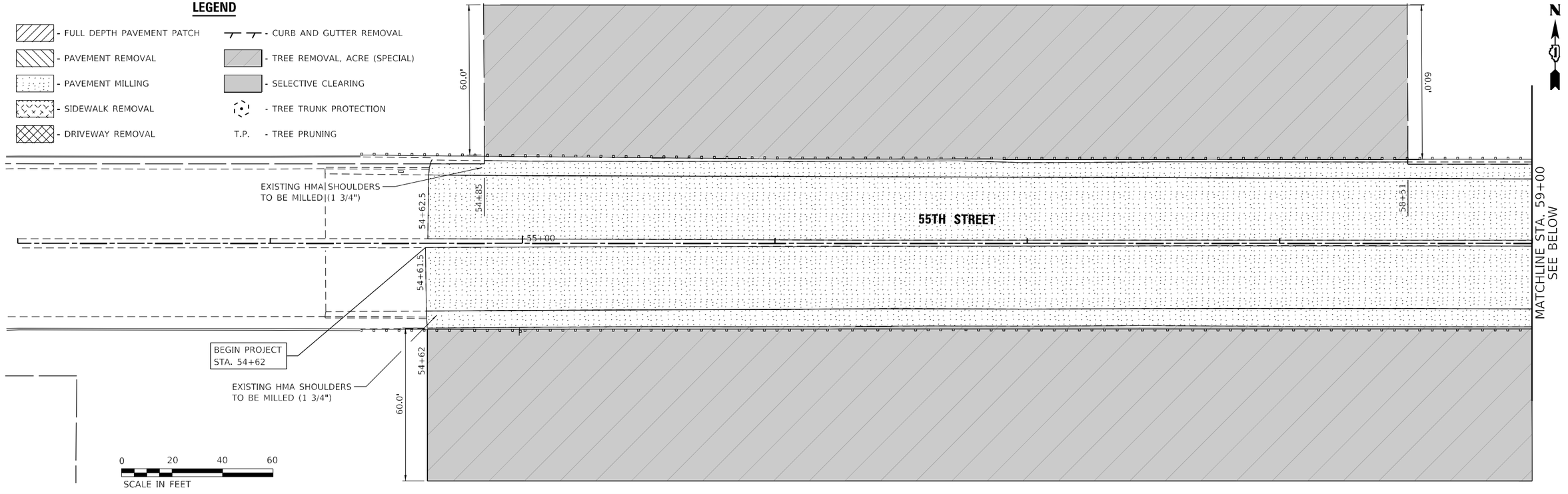
**ALIGNMENTS, TIES, AND BENCHMARKS**
**55TH STREET**

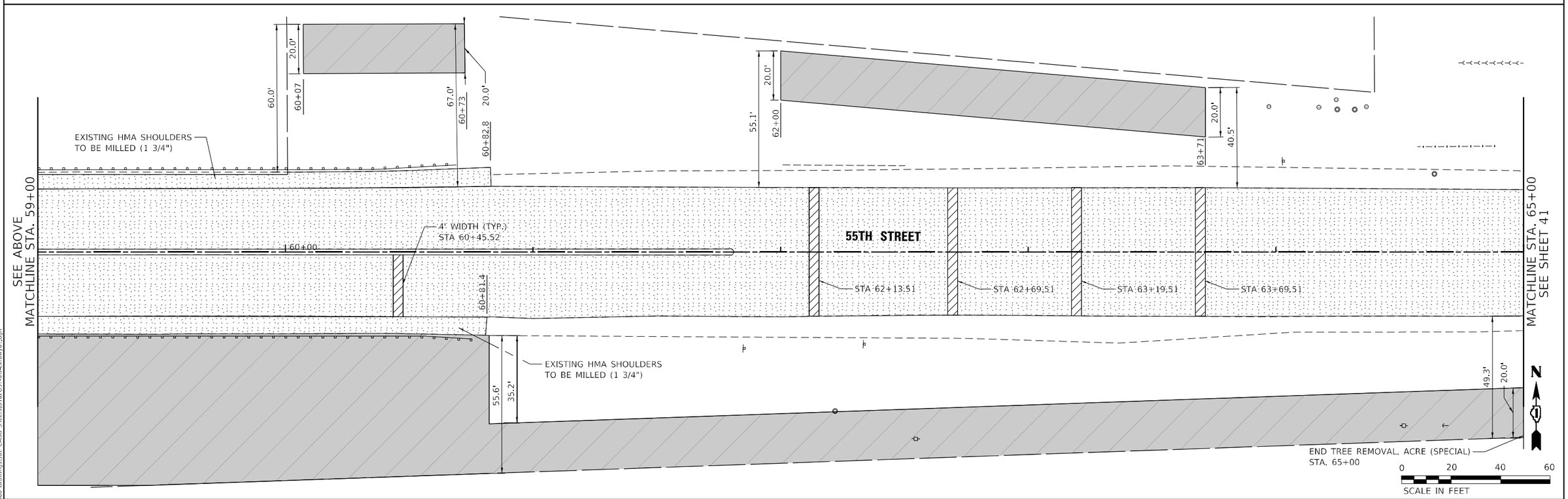
SCALE: 1"=100' | SHEET 3 OF 3 SHEETS | STA. 100+00 | TO STA. 148+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 39 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## LEGEND

- FULL DEPTH PAVEMENT PATCH
- PAVEMENT REMOVAL
- PAVEMENT MILLING
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- CURB AND GUTTER REMOVAL
- TREE REMOVAL, ACRE (SPECIAL)
- SELECTIVE CLEARING
- TREE TRUNK PROTECTION
- T.P. - TREE PRUNING




MODEL: Default
FILE NAME: X:\SDO Drawings\302 CADD Sheets\D162G37-sht-existdwy01.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

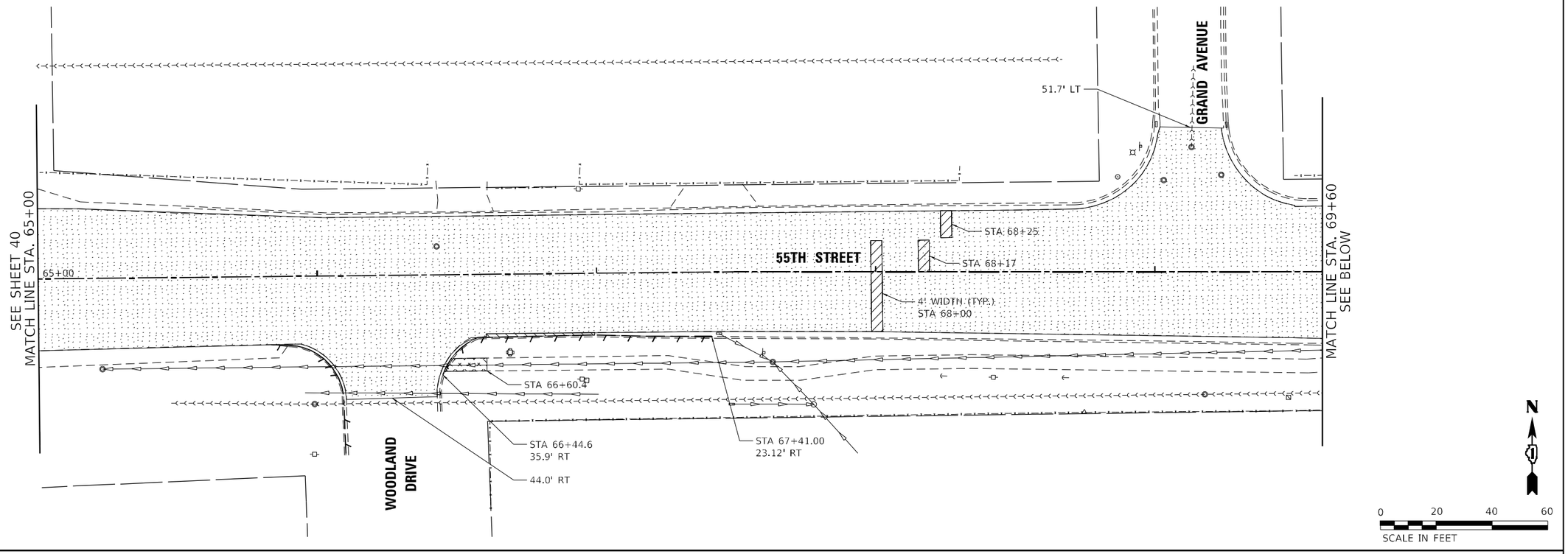
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JRD | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - SCHECK_EXPLS | REVISED - |

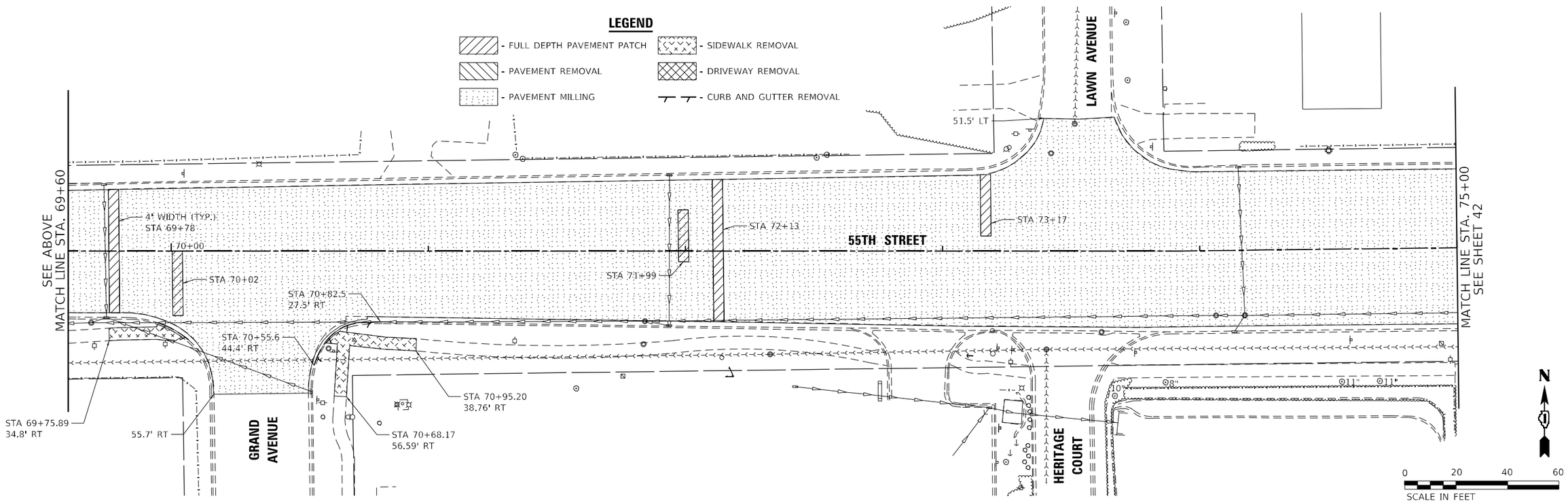
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 1 OF 9 SHEETS | STA. 53+00 TO STA. 65+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 40 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-exrdwy02.dgn

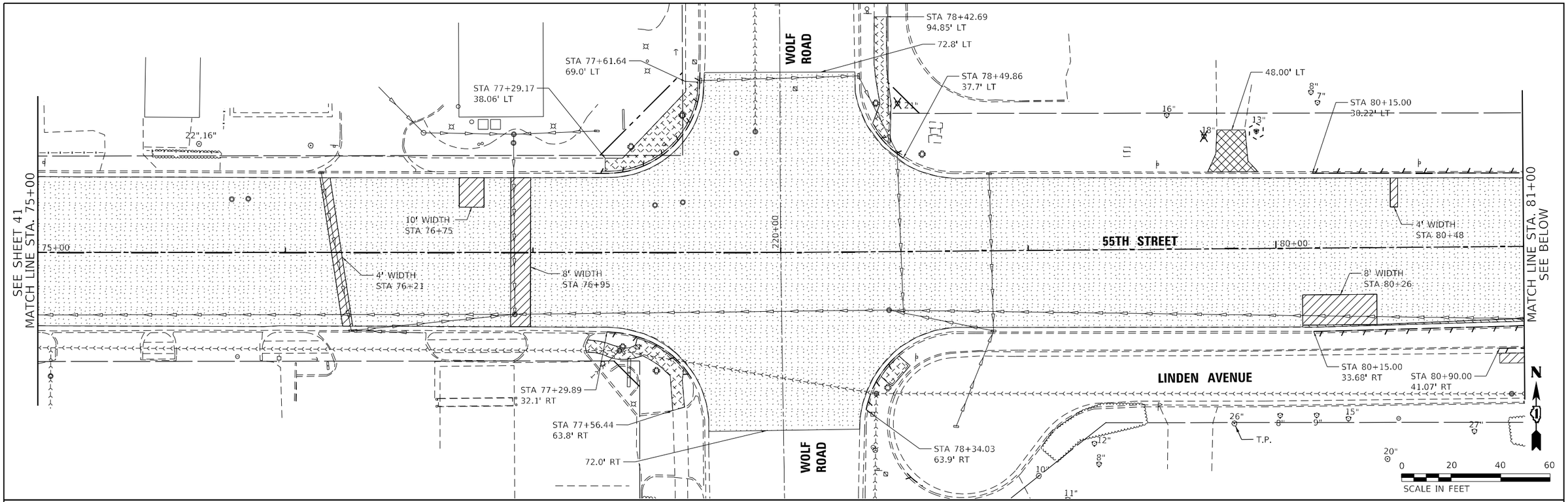
| | | | |
|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, IL 60603 312-630-0360 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | | DRAWN - JRD | REVISED - |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| | PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**
**55TH STREET**

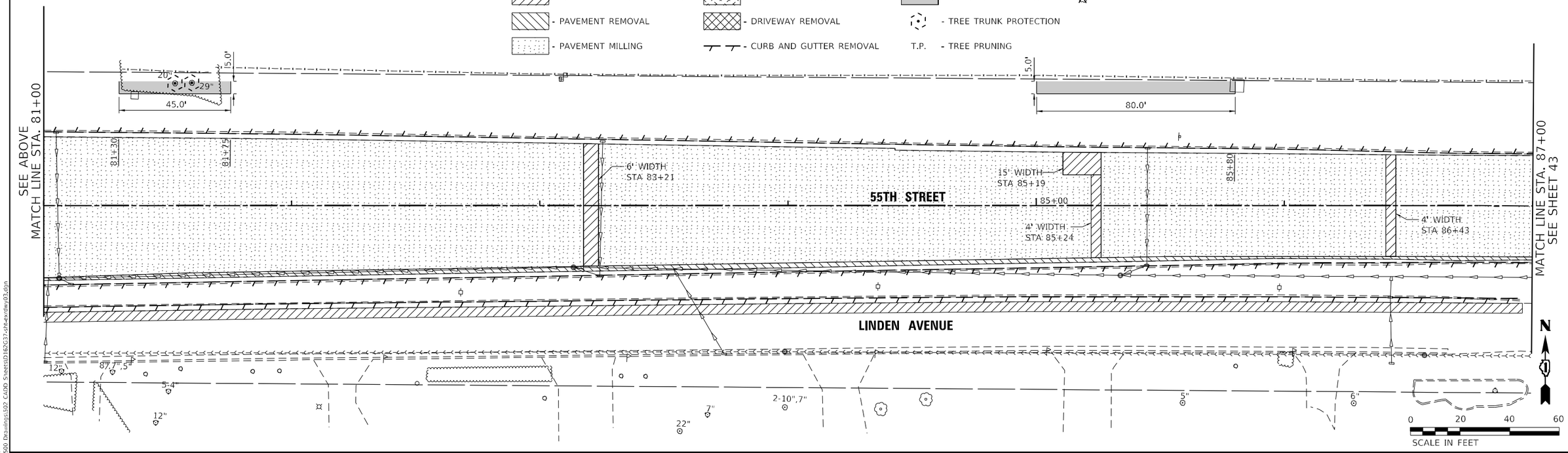
SCALE: 1" = 20' | SHEET 2 OF 9 SHEETS | STA. 65+00 TO STA. 75+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 41 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




## LEGEND

- FULL DEPTH PAVEMENT PATCH
- PAVEMENT REMOVAL
- PAVEMENT MILLING
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- CURB AND GUTTER REMOVAL
- SELECTIVE CLEARING
- TREE TRUNK PROTECTION
- TREE REMOVAL
- TREE PRUNING




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-dht-exrdwy03.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-346-2360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JRD | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

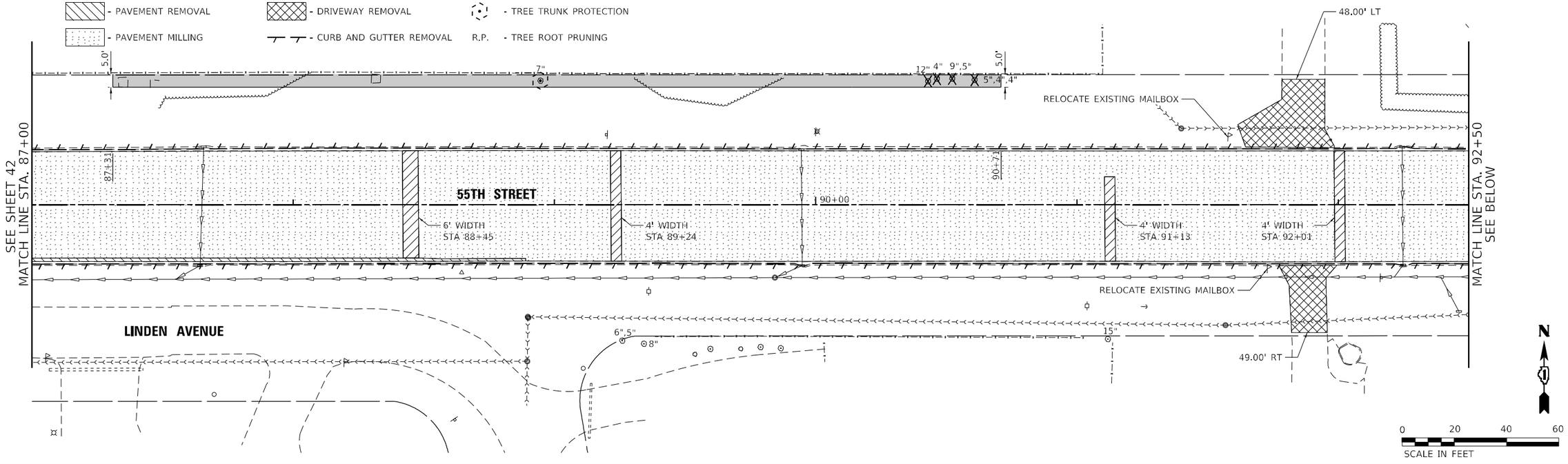
**EXISTING PLAN AND REMOVALS**
**55TH STREET**

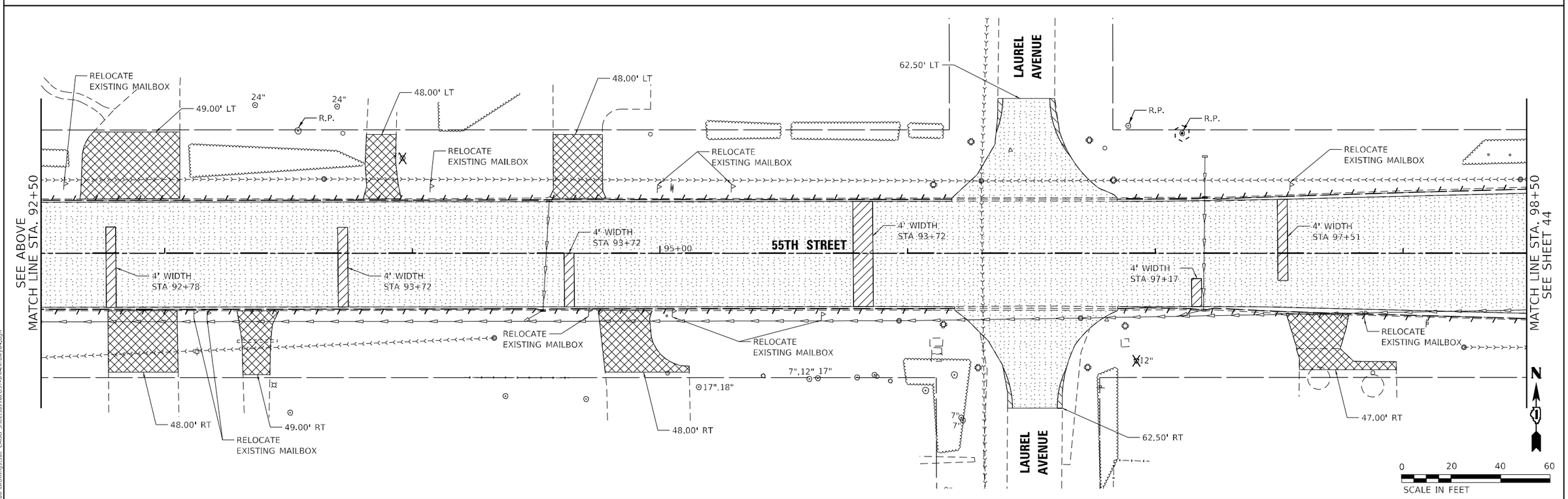
SCALE: 1" = 20' | SHEET 3 OF 9 SHEETS | STA. 75+00 TO STA. 87+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 42 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## LEGEND

- FULL DEPTH PAVEMENT PATCH
- PAVEMENT REMOVAL
- PAVEMENT MILLING
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- CURB AND GUTTER REMOVAL
- SELECTIVE CLEARING
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING (R.P.)
- TREE REMOVAL




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-exrdwy04.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

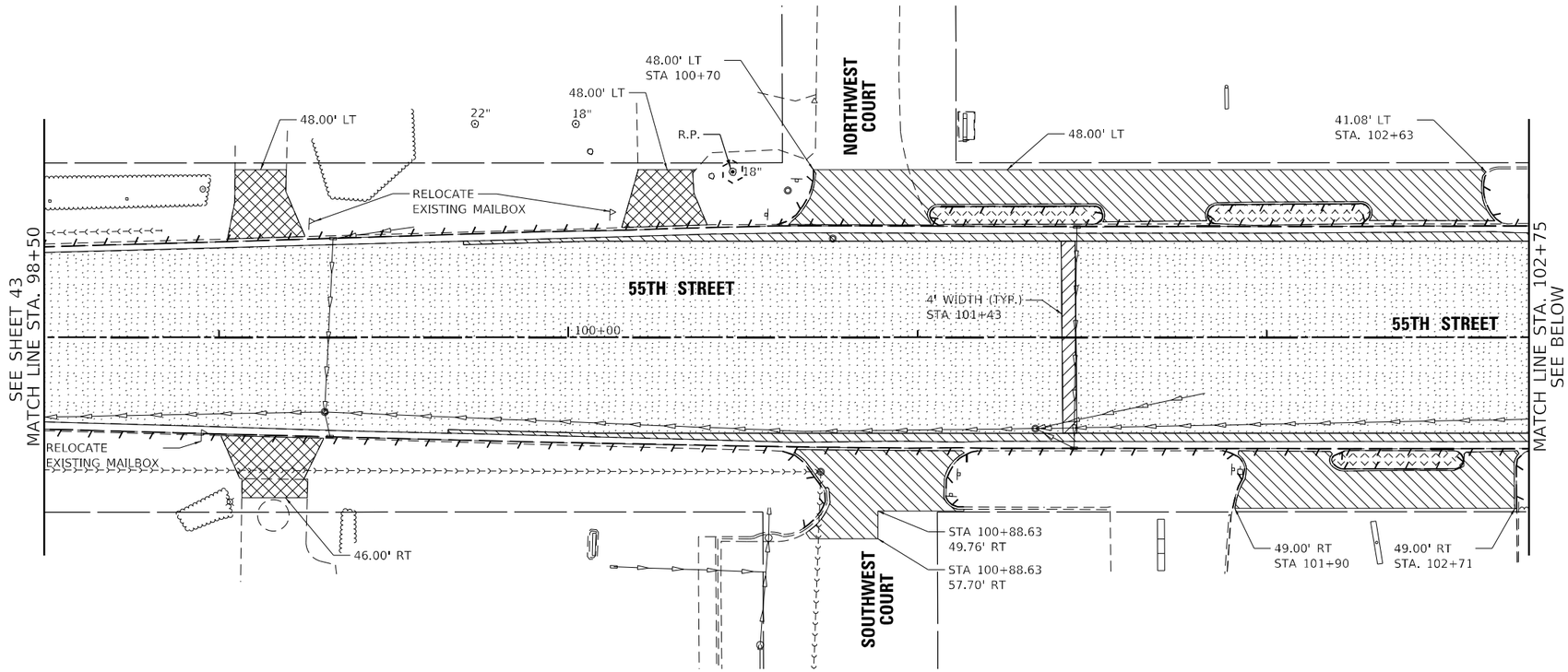
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JRD | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 4 OF 9 SHEETS | STA. 87+00 TO STA. 98+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 43 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




**LEGEND**

- FULL DEPTH PAVEMENT PATCH
- PAVEMENT REMOVAL
- PAVEMENT MILLING
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- CURB AND GUTTER REMOVAL
- TREE TRUNK PROTECTION

T.P. - TREE PRUNING

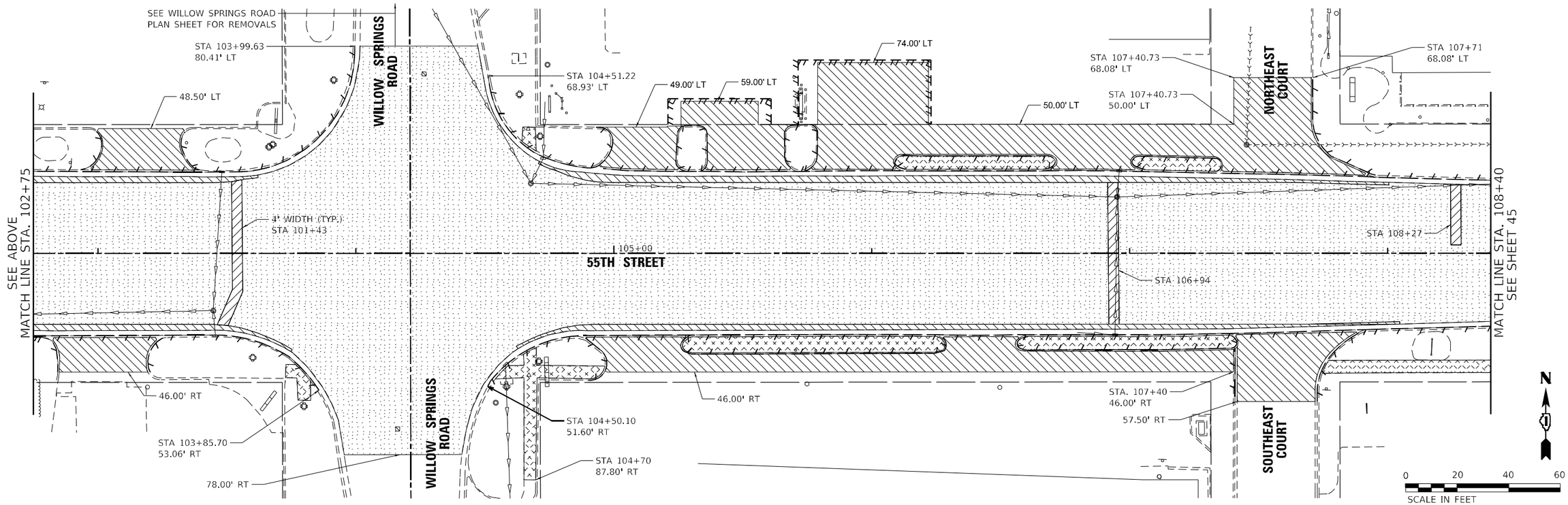
R.P. - TREE ROOT PRUNING

- TREE REMOVAL

N

0 20 40 60

SCALE IN FEET




N

0 20 40 60

SCALE IN FEET

MODEL: Default
FILE NAME: X:\500 Drawings\507 CADD Sheets\D162G37-alt-existing05.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JRD | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

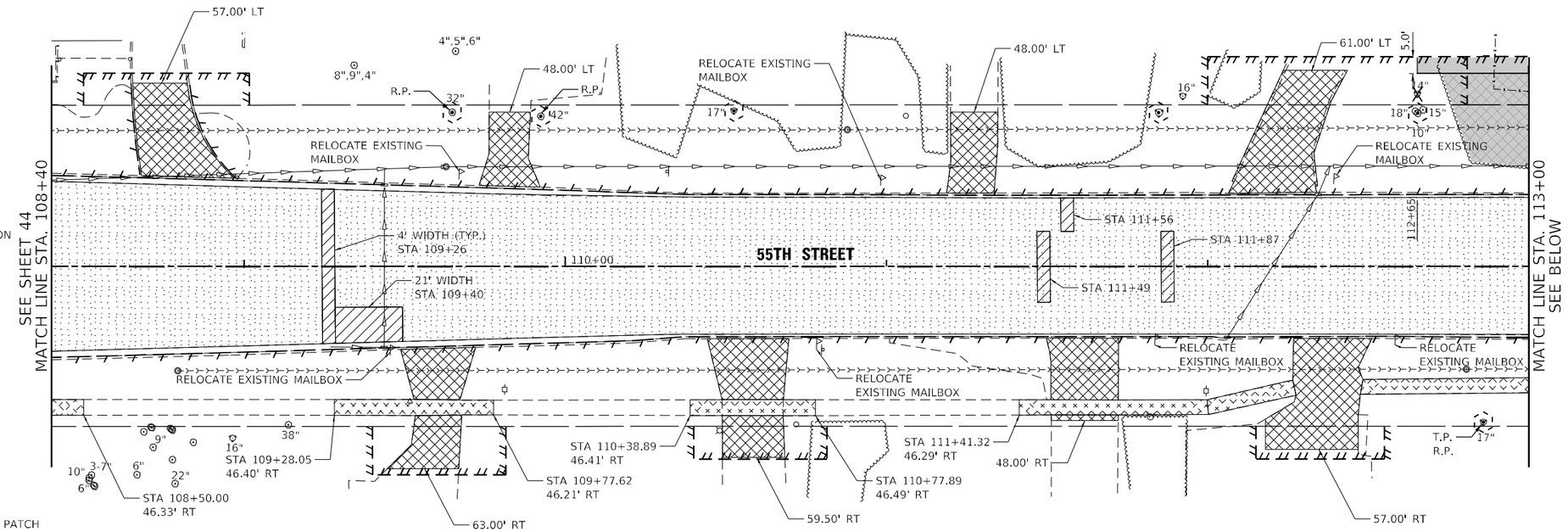
**EXISTING PLAN AND REMOVALS**
**55TH STREET**

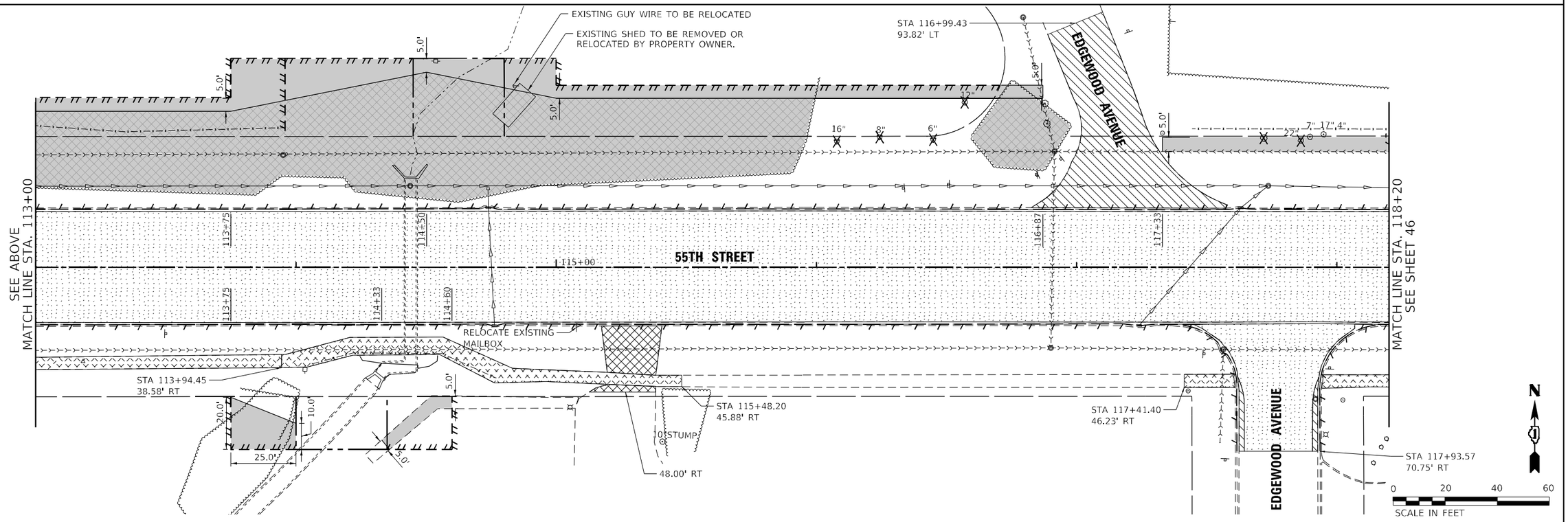
SCALE: 1" = 20' | SHEET 5 OF 9 SHEETS | STA. 98+50 TO STA. 108+40

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 44 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## LEGEND

- TREE REMOVAL
- TREE TRUNK PROTECTION
- T.P. - TREE PRUNING
- R.P. - TREE ROOT PRUNING
- TREE REMOVAL, ACRE
- SELECTIVE CLEARING
- DRIVEWAY REMOVAL
- PAVEMENT REMOVAL
- PAVEMENT MILLING
- SIDEWALK REMOVAL
- FULL DEPTH PAVEMENT PATCH
- CURB AND GUTTER REMOVAL




MODEL: Default
FILE NAME: X:\900 Drawings\302 CADD Sheets\D162G37-sht-exrdwy06.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0300
www.bowman.com

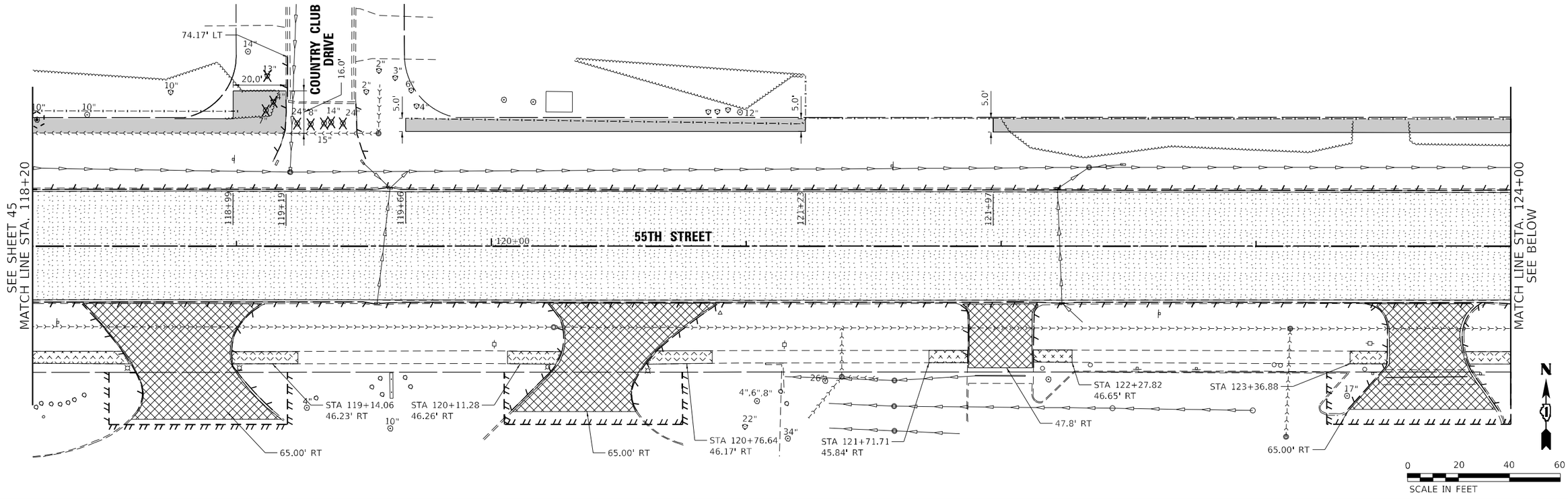
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JRD | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

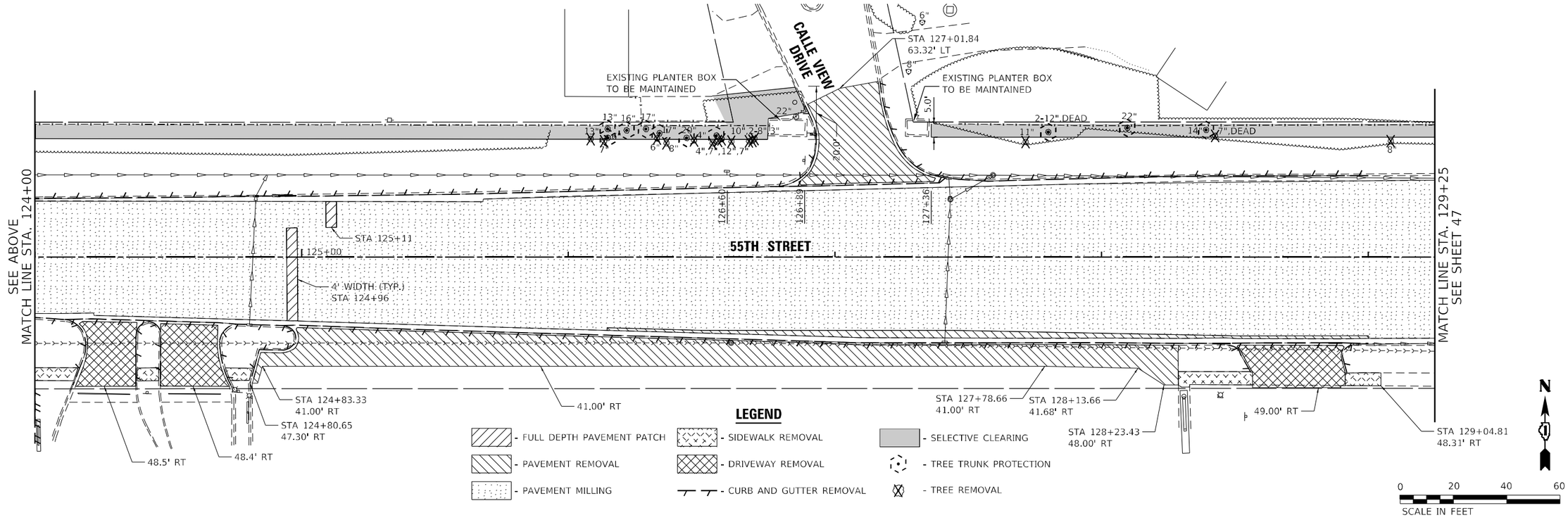
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 6 OF 9 SHEETS | STA. 108+40 TO STA. 118+20

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 45 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-exrdwy07.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

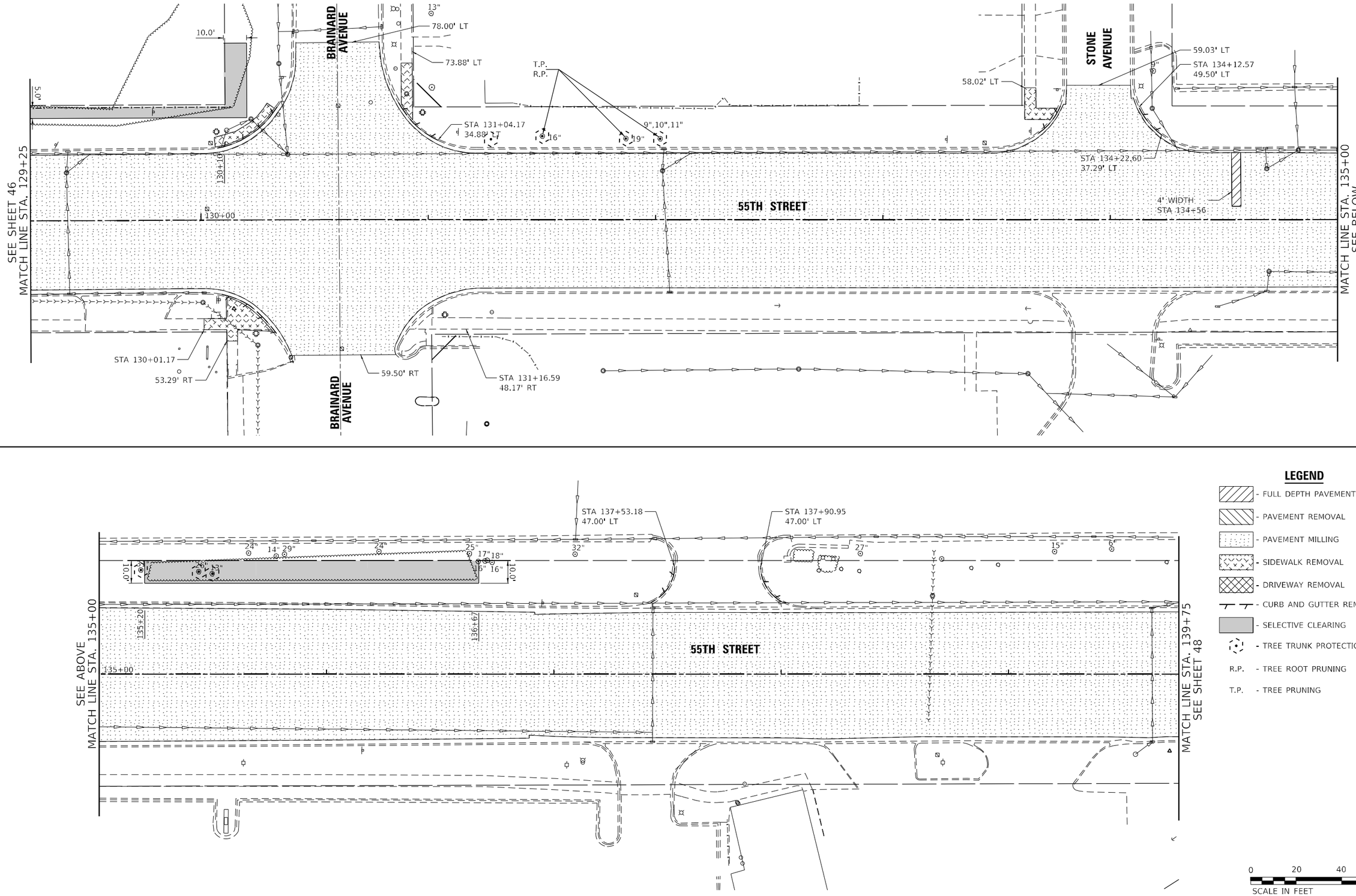
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JRD | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 7 OF 9 SHEETS | STA. 118+20 TO STA. 129+25

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 46 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




MODEL: Default
FILE NAME: X:\SSD Drawings\302 CADD Sheets\D162G37-sht-existdwy08.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0400
www.bowman.com

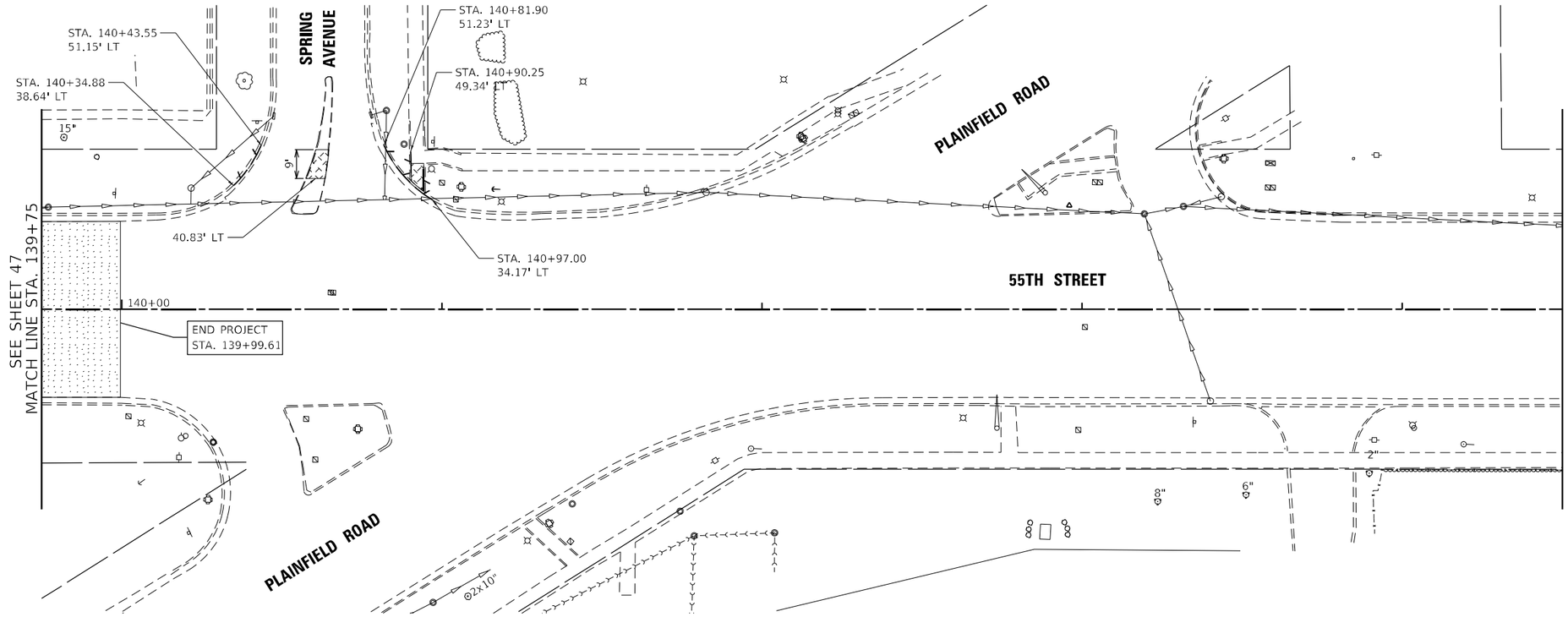
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JRD | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 8 OF 9 SHEETS | STA. 129+25 TO STA. 139+75

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 47 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




**LEGEND**

- FULL DEPTH PAVEMENT PATCH
- PAVEMENT REMOVAL
- PAVEMENT MILLING
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- CURB AND GUTTER REMOVAL

MODEL: Default
FILE NAME: X:\900 Drawings\302 CADD Sheets\D162G37-5th-exrdwy09.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0160
www.bowman.com

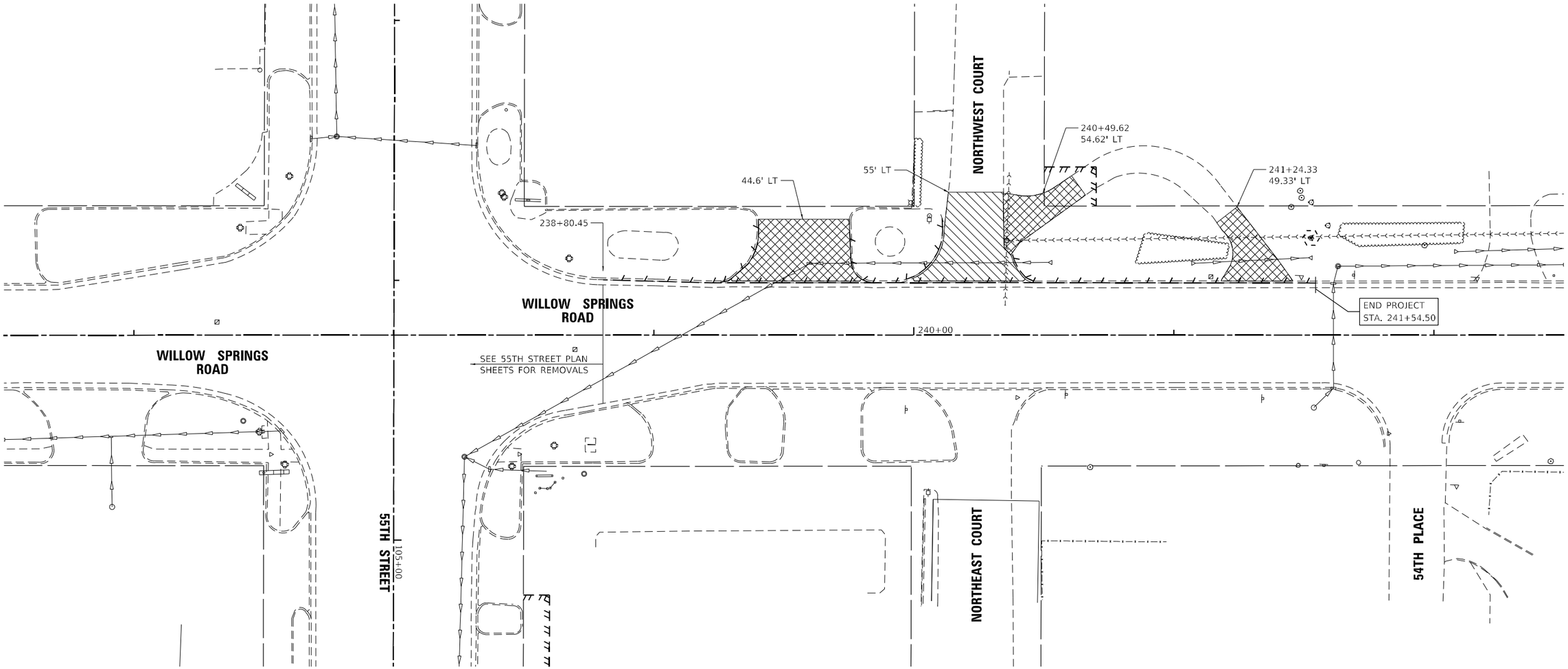
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JRD | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 9 OF 9 SHEETS | STA. 139+75 TO STA. END

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 48 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




**LEGEND**

- FULL DEPTH PAVEMENT PATCH
- PAVEMENT REMOVAL
- PAVEMENT MILLING
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- CURB AND GUTTER REMOVAL
- TREE TRUNK PROTECTION

N

0 20 40 60

SCALE IN FEET

MODEL: Default
FILE NAME: X:\500 Drawings\3D CADD Sheets\D162G37-alt-extdwy10.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-644-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JRD | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS**
**WILLOW SPRINGS ROAD**

SCALE: 1" = 20' | SHEET 1 OF 1 SHEETS | STA. 236+50 TO STA. 242+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 49 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## PROPOSED ROADWAY LEGEND

(1) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
(2) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"

FLAG CREEK

PROP. HMA SURFACE REMOVAL 1 3/4"
PROP. HMA SHOULDER 1 3/4"

(1)(2)

5.9'
3.6'
25.3'
+62.47
6.7'
24.4'

55TH ST

53 54 55+00 56 57 58

EXISTING RAISED MEDIAN TO REMAIN

25.2'
+61.53
24.8'
6.7'
7.1'

BEGIN PROJECT
STA 54+61.53

PROP. HMA SURFACE REMOVAL 1 3/4"
PROP. HMA SHOULDER 1 3/4"

(1)(2)

MATCHLINE STA. 59+00
SEE SHEET 51

N

0 20 40 60
SCALE IN FEET

MILL AND OVERLAY

667 665 663 661 659 657

668.20 668.07 667.68 667.09 666.78 666.47 666.17 665.87 665.51 665.11 664.71 664.28 663.86 663.42 662.97 662.52 661.99 661.46 660.94 660.41 659.89 659.35 658.82 658.27 657.72 657.17

54+00 54+50 55+00 55+50 56+00 56+50 57+00 57+50 58+00 58+50 59+00

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK / NO.
PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / S.S.H. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO.
BY / DATE

MODEL: Default
FILE NAME: P:\040058 - IDOT\040058-01-001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\SD162G37-alt-sht-plan-prof(1).dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

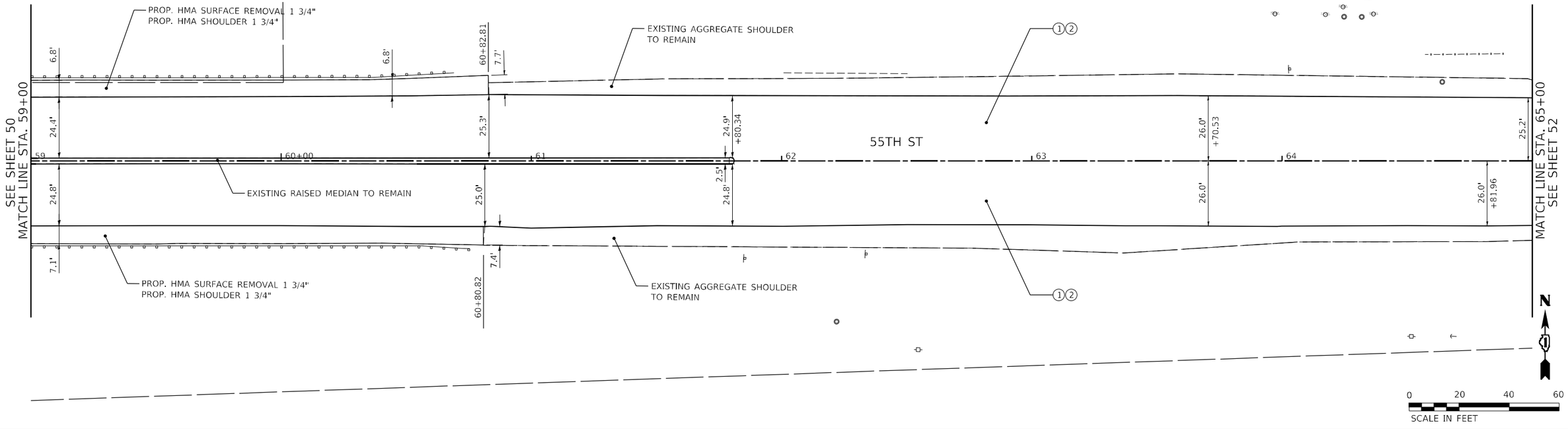
**PLAN AND PROFILE**
**55TH STREET**

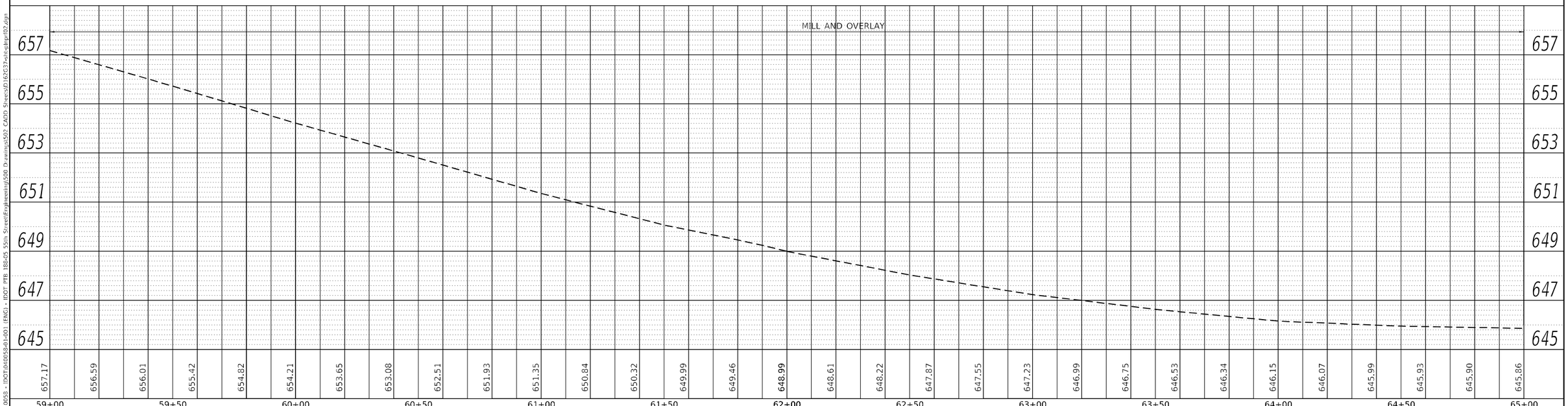
SCALE: AS SHOWN | SHEET 1 OF 17 SHEETS | STA. 53+00 | TO STA. 59+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 50 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## PROPOSED ROADWAY LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"




PLAN — SURVEYED | PLOTTED | DESIGN CHECKED | QUANT. CHECKED | R.O.W. CHECKED | CADD FILE NAME | NOTE BOOK | NO.

PROFILE — SURVEYED | PLOTTED | DESIGN CHECKED | R.M. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO.

BY | DATE

NODEL: Default
FILE NAME: P:\04\0058 - IDOT\040058-01-001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\300 Drawings\502 CADD Sheets\D1626G37+sht+sltpr02.dgn


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-346-0360
www.bowman.com


| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

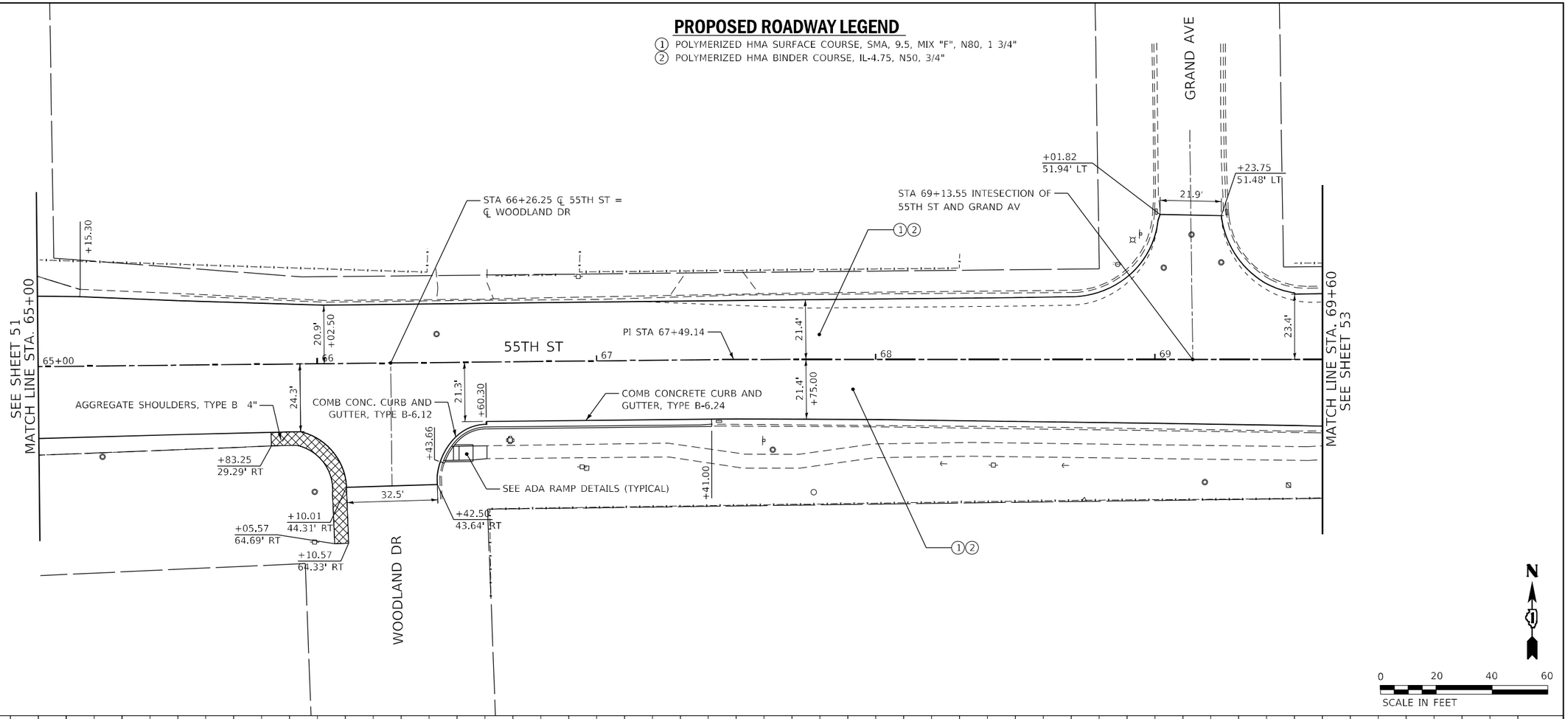
**PLAN AND PROFILE**
**55TH STREET**

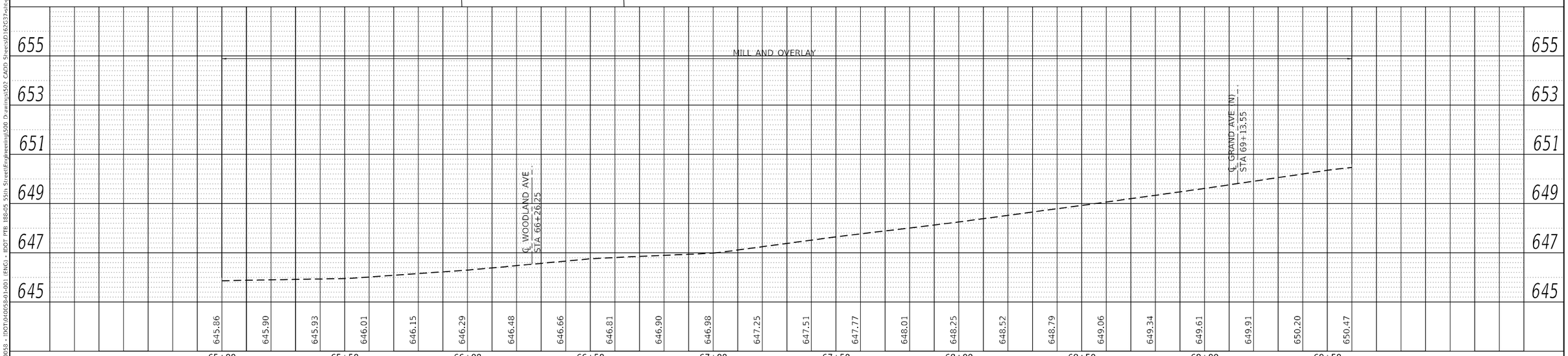
SCALE: AS SHOWN | SHEET 2 OF 17 SHEETS | STA. 59+00 | TO STA. 65+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 51 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

## PROPOSED ROADWAY LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"




PLAN
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO.
BM. NOTED
STRUCTURE NOTATNS CHKD

MODEL: Default
FILE NAME: P:\04\0058 - IDOT\040058-01-001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\300 Drawings\502 CADD Sheets\D1626374-sht-sltpr03.dgn

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-546-2360
www.bowman.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

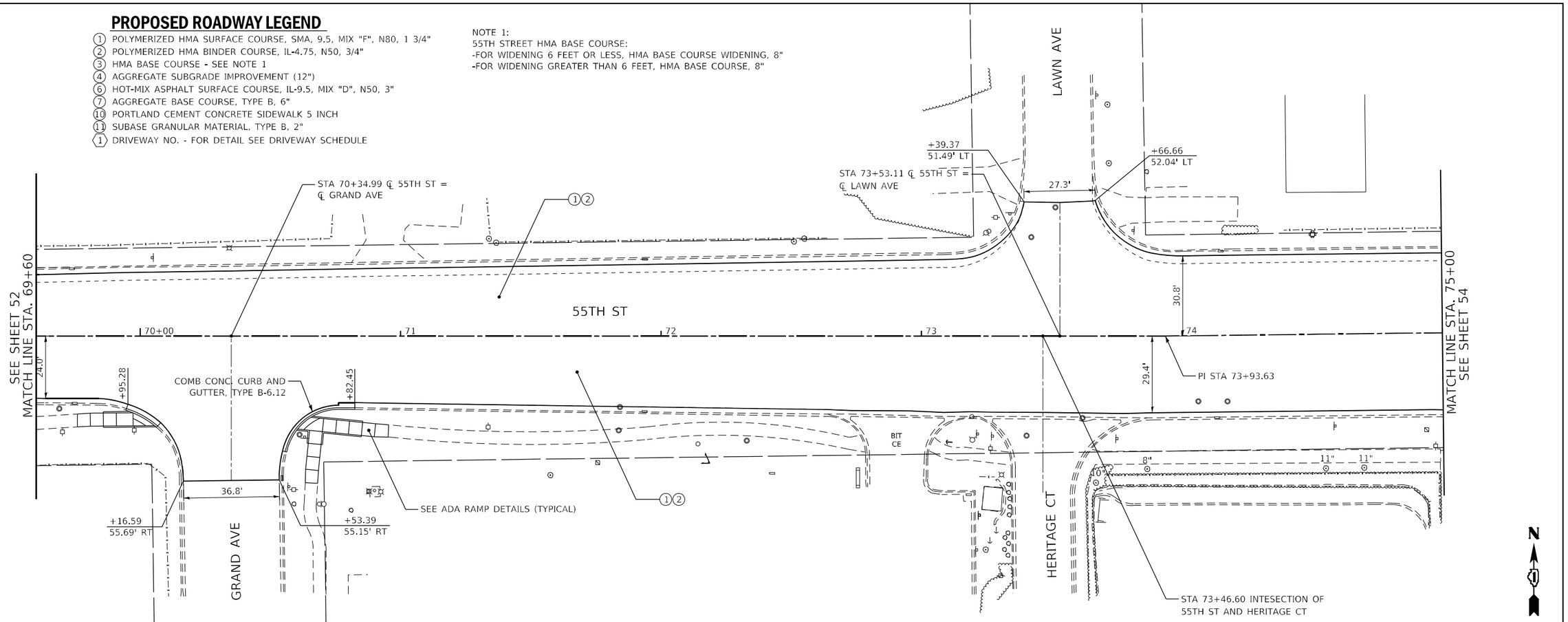
SCALE: AS SHOWN | SHEET 3 OF 17 SHEETS | STA. 65+00 | TO STA. 69+60

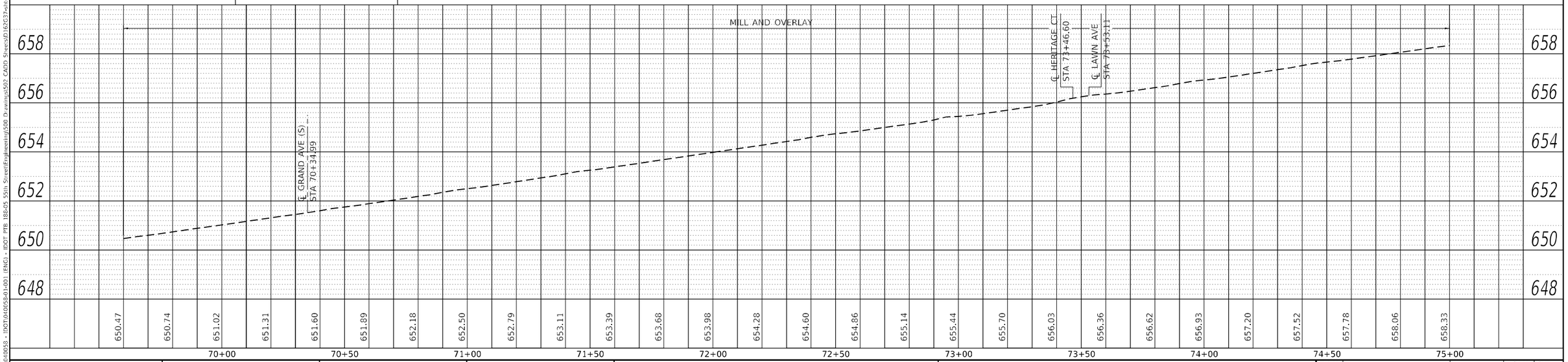
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 52 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## PROPOSED ROADWAY LEGEND

(1) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
(2) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
(3) HMA BASE COURSE - SEE NOTE 1
(4) AGGREGATE SUBGRADE IMPROVEMENT (12")
(6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
(7) AGGREGATE BASE COURSE, TYPE B, 6"
(10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(11) SUBASE GRANULAR MATERIAL, TYPE B, 2"
(1) DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"




PLAN — SURVEYED | PLOTTED | CROSS SECTIONS CHECKED | R.O.W. STAKED | NOTE BOOK | NO. | DATE | BY

PROFILE — SURVEYED | PLOTTED | CROSS SECTIONS CHECKED | R.O.W. STAKED | NOTE BOOK | NO. | DATE | BY

MODEL: Default
FILE NAME: P:\040058 - IDOT\040058-01\001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\SD162G37-alt-cdrpr104.dgn


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com


| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

SCALE: AS SHOWN | SHEET 4 OF 17 SHEETS | STA. 69+60 | TO STA. 75+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 53 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

## PROPOSED ROADWAY LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
3. HMA BASE COURSE - SEE NOTE 1
4. AGGREGATE SUBGRADE IMPROVEMENT (12")
6. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
7. AGGREGATE BASE COURSE, TYPE B, 6"
10. PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
11. SUBASE GRANULAR MATERIAL, TYPE B, 2"
1. DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE

WOLF RD
UTILITY POLE TO BE RELOCATED (BY OTHERS)
+69.24
72.71' LT
60.7'
+30.55
72.73' LT
PI STA 78+00 ℄ 55TH ST =
PI STA 220+00 ℄ WOLF RD
PROP. ROW
SEE ADA RAMP DETAILS (TYPICAL)
+59.43
+48.92
+25.18
+82.26
15.00' WIDENING LIMITS
SHARED-USE PATH
1' STUB
55TH ST
SEE SHEET 53
MATCH LINE STA. 75+00
MATCH LINE STA. 81+00
SEE SHEET 55
75+00
76
77
220+00
78
79
80+00
30.5'
29.7'
28.3'
31.9'
+15.00
COMB CONCRETE CURB AND GUTTER, TYPE B-6.24
+29.89
30.14' RT
+65.51
49.96' RT
+49.32
37.91' RT
+38.91
48.38' RT
+97.87
+47.87
+89.91
TBT T1, SPECIAL
LINDEN AVE
SPBGR TYPE A, 9 FOOT POSTS
ORNAMENTAL FENCE (SEE DETAIL SHEET)
SEGMENTAL CONCRETE BLOCK WALL (SEE DETAIL SHEET)
+70.98
72.32' RT
61.0'
+31.37
71.61' RT
WOLF RD
219
BIT PE
BIT CE
22",16"
26"
8"
9"
15"
27"
20"
12"
10"
11"
3-5" 10"
7"
8"
13"
16"

0 20 40 60
SCALE IN FEET

MILL AND OVERLAY
REPROFILING AND WIDENING
℄ WOLF RD
STA 78+00.00
661.46
+1.18%

| 664 | 662 | 660 | 658 | 656 | 654 |
|---|---|---|---|---|---|
| 658.33 | 658.59 | 658.87 | 659.15 | 659.46 | 659.71 |
| 659.84 | 660.03 | 660.14 | 660.27 | 660.40 | 660.42 |
| 660.48 | 660.54 | 660.63 | 660.70 | 660.63 | 660.62 |
| 660.65 | 660.67 | 660.70 | 660.79 | 660.87 | 660.99 |
| 661.13 | 661.30 | 661.50 | 661.51 | 661.68 | 661.75 |
| 661.90 | 661.99 | 662.16 | 662.22 | 662.48 | 662.46 |

75+00 75+50 76+00 76+50 77+00 77+50 78+00 78+50 79+00 79+50 80+00 80+50 81+00

PLAN: SURVEYED / PLOTTED / CHECKED / AS-BUILT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK / NO.
PROFILE: SURVEYED / PLOTTED / CHECKED / H.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO.

MODEL: Default
FILE NAME: P:\040058 - IDOT\040058-01-001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37-alt-sht-pp-05.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-415-0200
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

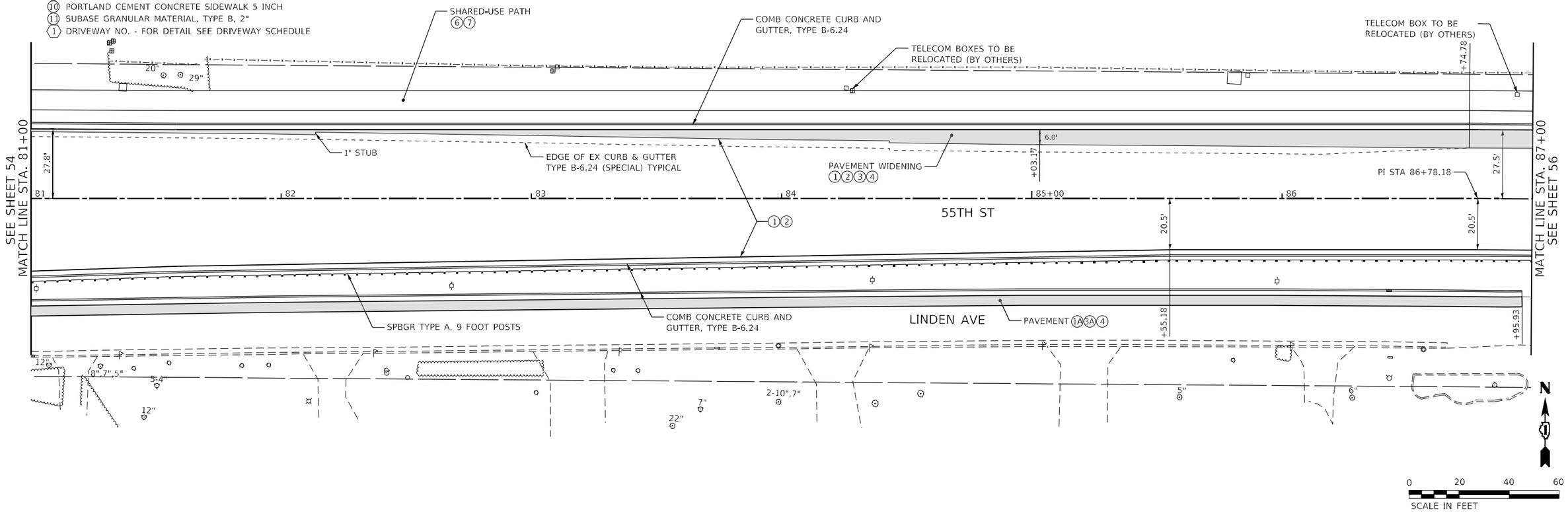
SCALE: AS SHOWN | SHEET 5 OF 17 SHEETS | STA. 75+00 | TO STA. 81+00

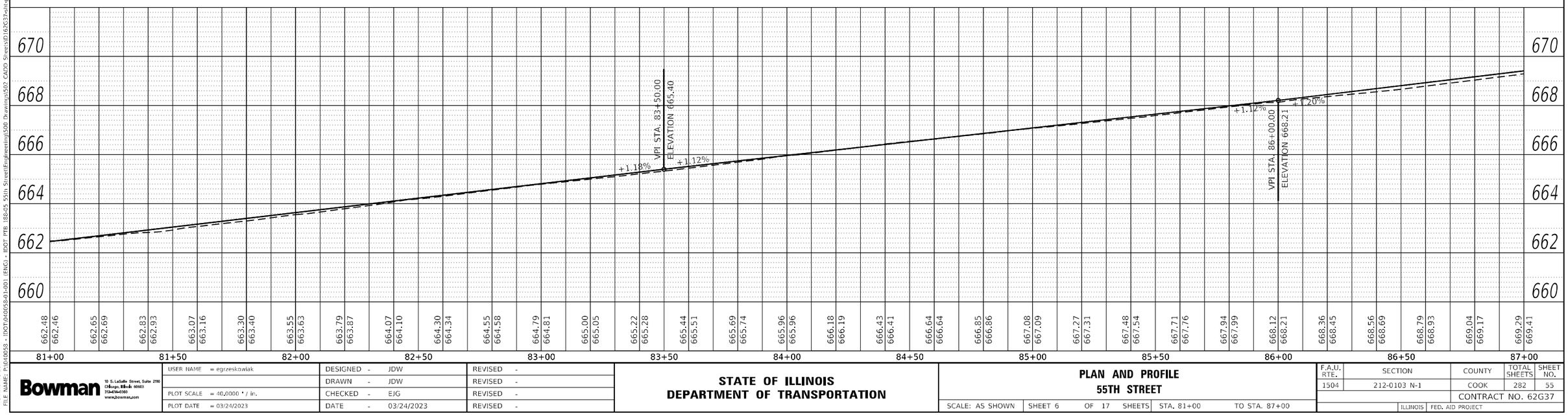
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 54 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

## PROPOSED ROADWAY LEGEND

(1) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
(1A) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
(2) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
(3) HMA BASE COURSE - SEE NOTE 1
(3A) HMA BASE COURSE WIDENING, 5 3/4"
(4) AGGREGATE SUBGRADE IMPROVEMENT (12")
(6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
(7) AGGREGATE BASE COURSE, TYPE B, 6"
(10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(11) SUBASE GRANULAR MATERIAL, TYPE B, 2"
(1) DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"




PLAN — SURVEYED | PLOTTED | PLOT CHECKED | CROSS CHECKED | ILL. ROUTED | STRUCTURE NOTATIONS CLEAN | NOTE BOOK | NO. | BY | DATE

PROFILE — SURVEYED | PLOTTED | PLOT CHECKED | CROSS CHECKED | ILL. ROUTED | STRUCTURE NOTATIONS CLEAN | NOTE BOOK | NO. | BY | DATE

MODEL: Default
FILE NAME: P:\040058 - IDOT\040058-01\001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37-sht-plnprf06.dgn

Bowman — 10 S. LaSalle Street, Suite 2110, Chicago, Illinois 60603, 312-434-0360, www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

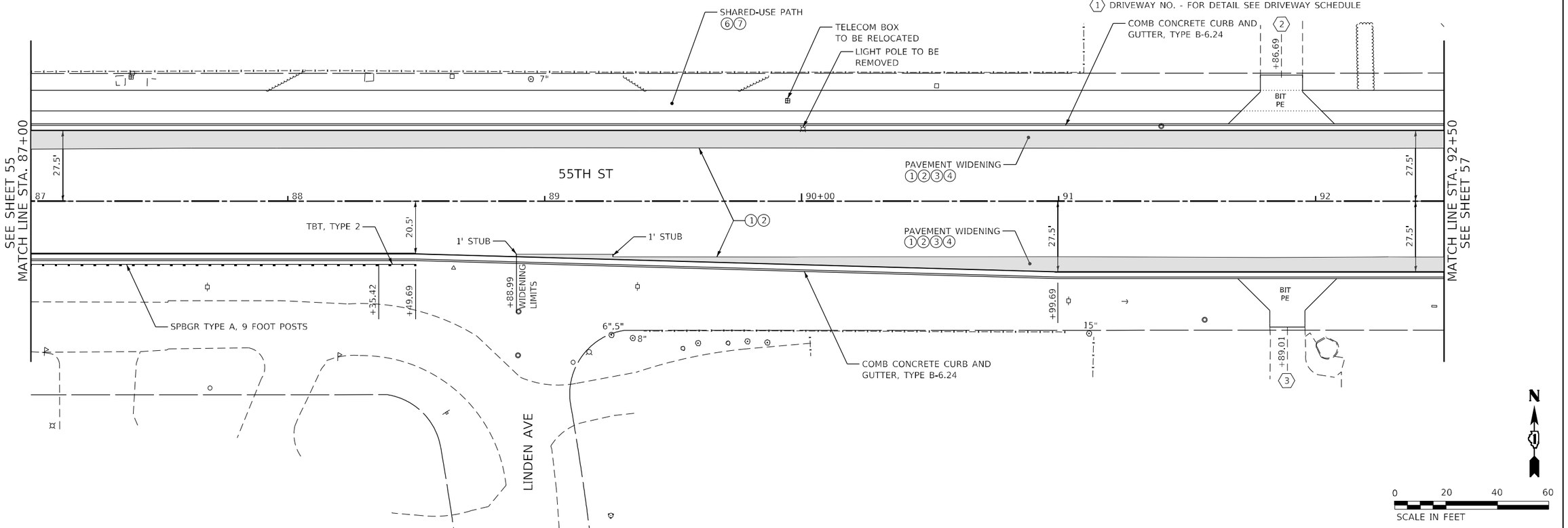
SCALE: AS SHOWN | SHEET 6 OF 17 SHEETS | STA. 81+00 | TO STA. 87+00

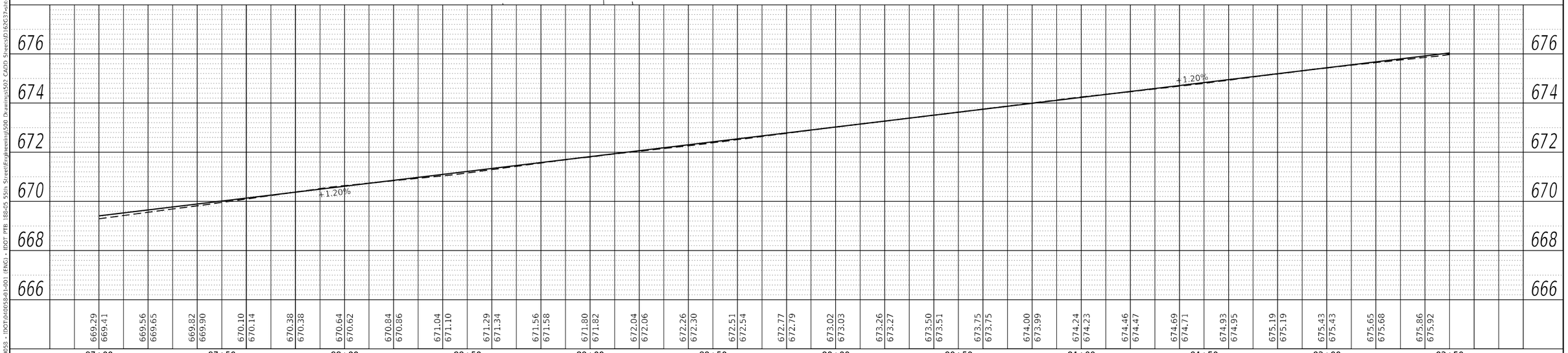
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 55 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

## PROPOSED ROADWAY LEGEND

(1) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
(2) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
(3) HMA BASE COURSE - SEE NOTE 1
(4) AGGREGATE SUBGRADE IMPROVEMENT (12")
(6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
(7) AGGREGATE BASE COURSE, TYPE B, 6"
(10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(11) SUBASE GRANULAR MATERIAL, TYPE B, 2"
(1) DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE




PLAN
SURVERED
PLOTTED
ORIGINAL CHECKED
ALIGMENT CHECKED
R.O. WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVERED
PLOTTED
ORIGINAL CHECKED
ELEV. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

MODEL: Default
FILE NAME: P:\0400058 - IDOT\0400058-01-001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37-sht-plnpr107.dgn

| | | | |
|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0360 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | | DRAWN - JDW | REVISED - |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| | PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

SCALE: AS SHOWN | SHEET 7 OF 17 SHEETS | STA. 87+00 TO STA. 92+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 56 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

## PROPOSED ROADWAY LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
3. HMA BASE COURSE - SEE NOTE 1
4. AGGREGATE SUBGRADE IMPROVEMENT (12")
6. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
7. AGGREGATE BASE COURSE, TYPE B, 6"
10. PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
11. SUBASE GRANULAR MATERIAL, TYPE B, 2"
1. DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE

SEE SHEET 56
MATCH LINE STA. 92+50

MATCH LINE STA. 98+50
SEE SHEET 58

55TH ST

LAUREL AVE

LAUREL AVE

+36.39
62.50' LT

+59.39
62.50' LT

STA 96+47.89 INTESECTION
OF 55TH ST AND LAUREL AV

SHARED-USE PATH
6 7

COMB CONCRETE CURB AND
GUTTER, TYPE B-6.24

PAVEMENT WIDENING
1 2 3 4

SEE ADA RAMP DETAILS (TYPICAL)

23.0'

22.0'

7" 10"

+88.63
+87.47
+66.76
+08.47
+90.86
+34.26
+05.35
+03.09
+91.30
+37.01
+89.83
+66.43
+40.35
62.50' RT
+62.35
62.50' RT

BIT PE
CONC PE
BRICK

6.0'
27.5'
27.5'

93 94 95+00 96 97 98

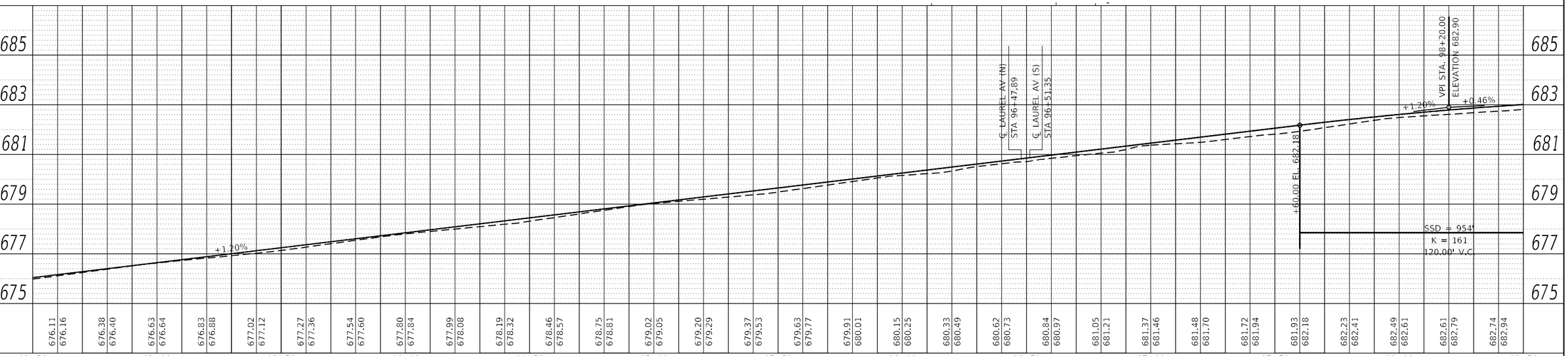
7",12" 17"
17",18"
7"
7"
9"
6"
12"

UTILITY POLE TO BE
RELOCATED (BY OTHERS)

STA 96+51.35 INTESECTION OF
55TH ST AND LAUREL AV

PCC SIDEWALK 10 11

0 20 40 60
SCALE IN FEET




PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O. WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
SAN. MH'D
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: P:\040058 - IDOT\040058-01-001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37-sht-sghpr108.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

SCALE: AS SHOWN | SHEET 8 OF 17 SHEETS | STA. 92+50 | TO STA. 98+50

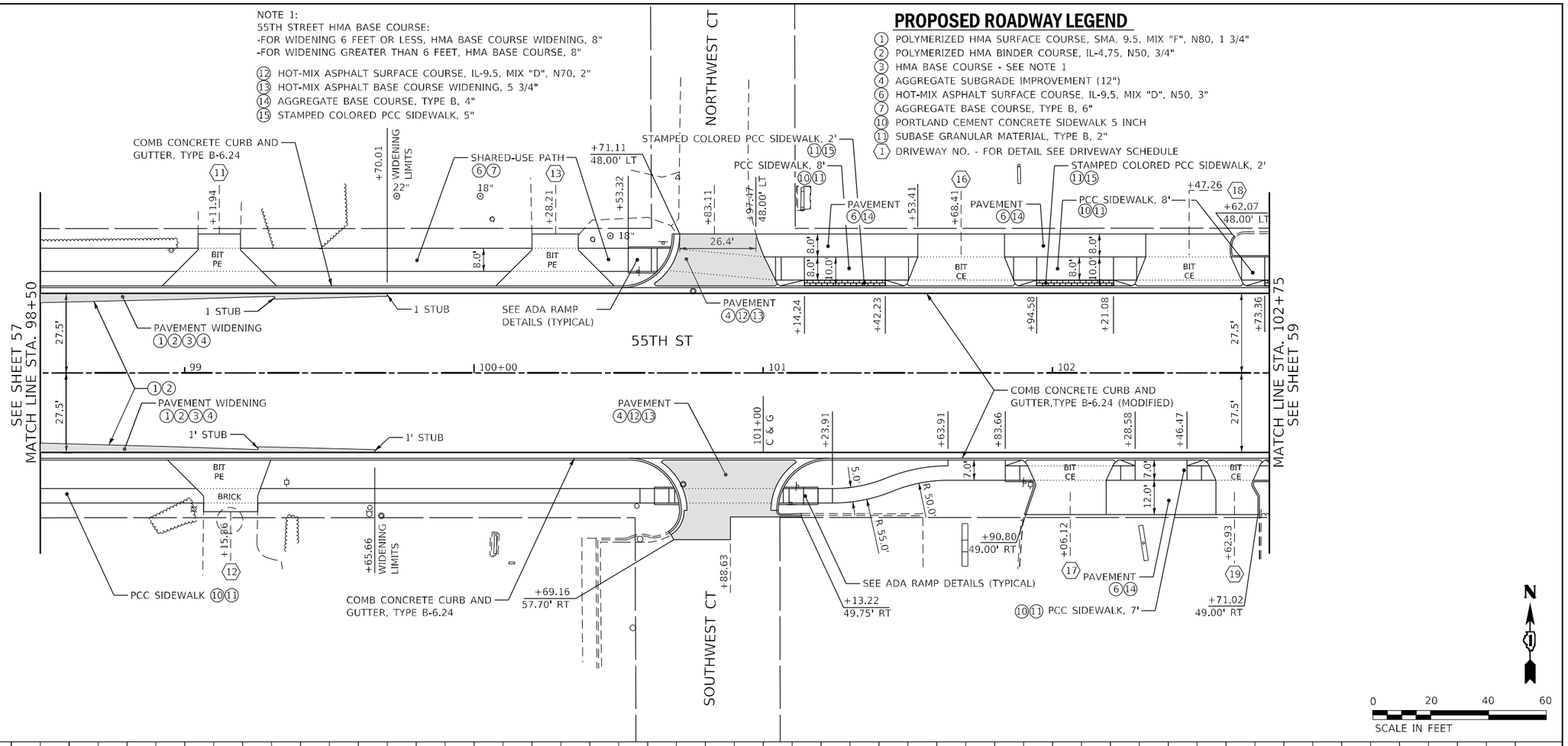
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 57 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

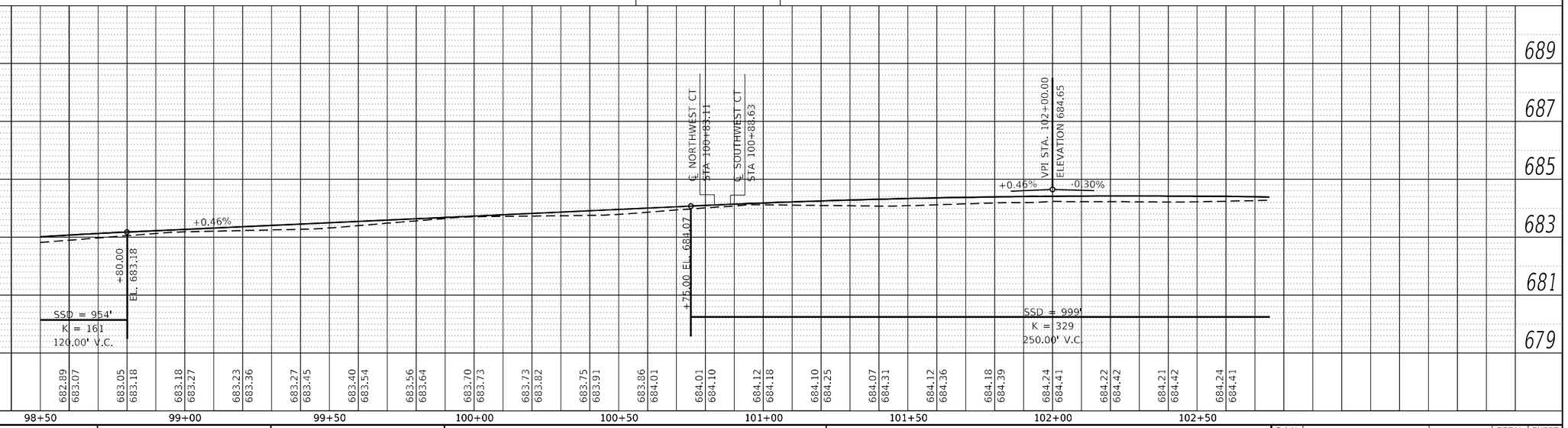
NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

(12) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
(13) HOT-MIX ASPHALT BASE COURSE WIDENING, 5 3/4"
(14) AGGREGATE BASE COURSE, TYPE B, 4"
(15) STAMPED COLORED PCC SIDEWALK, 5"

## PROPOSED ROADWAY LEGEND

(1) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
(2) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
(3) HMA BASE COURSE - SEE NOTE 1
(4) AGGREGATE SUBGRADE IMPROVEMENT (12")
(6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
(7) AGGREGATE BASE COURSE, TYPE B, 6"
(10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(11) SUBASE GRANULAR MATERIAL, TYPE B, 2"
(1) DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE




0 20 40 60
SCALE IN FEET

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.T. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
STA. NO'D
STRUCTURE NOTATIONS CK'D

MODEL: Default
FILE NAME: P:\040058 - IDOT\040058-01-001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37-sht-sghpr109.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

SCALE: AS SHOWN | SHEET 9 OF 17 SHEETS | STA. 98+50 | TO STA. 102+75

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 58 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

## PROPOSED ROADWAY LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
3. HMA BASE COURSE - SEE NOTE 1
4. AGGREGATE SUBGRADE IMPROVEMENT (12")
6. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
7. AGGREGATE BASE COURSE, TYPE B, 6"
10. PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
11. SUBASE GRANULAR MATERIAL, TYPE B, 2"
1. DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE

12. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
13. HOT-MIX ASPHALT BASE COURSE WIDENING, 5 3/4"
14. AGGREGATE BASE COURSE, TYPE B, 4"
15. STAMPED COLORED PCC SIDEWALK, 5"

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

SEE SHEET 58
MATCH LINE STA. 102+75

WILLOW SPRINGS RD 239

PI STA 104+21.13 ℄ 55TH ST =
PI STA 238+00 ℄ WILLOW SPRINGS RD

SEE ADA RAMP DETAILS (TYPICAL)
STAMPED COLORED PCC SIDEWALK, 2' (11)(15)
PCC SIDEWALK, 8' (10)(11)
+16.99 (21) +32.87 48.00' LT
6.0'
+86.36
18.5'
80.45' LT
PCC SIDEWALK, 10' (10)(11)
59.00' LT +26.08 T.E.
+41.00
+56.08
+79.09
74.00' LT
+92.06
+94.09
+22.00
T.E.
(23) (24)
50.00' LT SEE ADA RAMP DETAILS (TYPICAL)
STAMPED COLORED PCC SIDEWALK, 2' (11)(15)
PAVEMENT (6)(14)
PCC SIDEWALK, 8' (10)(11)
+40.40 68.08' LT
+70.45 68.08' LT
SHARED-USE PATH (6)(7)
+99.68 WIDENING LIMITS
NORTHEAST CT
+55.40
30.0'
R 10.0'
R 25.0'
8.5'
10.0'
8.0'
BIT CE

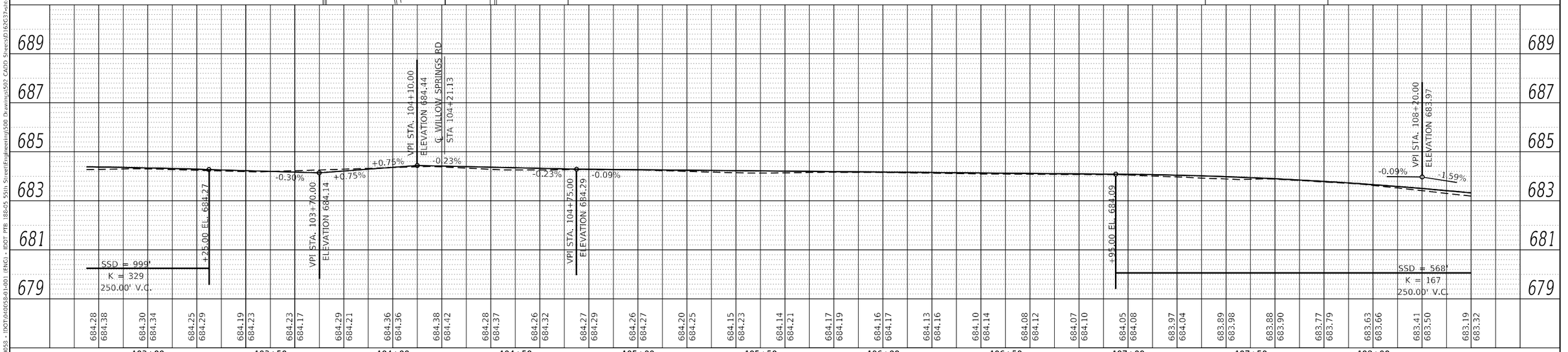
+89.90 +45.98 +61.98 +98.65 +67.59 +20.27 +29.22 +85.66 +20.62
27.5'
103 104 238 105+00 106 107 108
55TH ST
PCC SIDEWALK, 10' (10)(11)
PAVEMENT (4)(12)(13)
PAVEMENT WIDENING (1)(2)(3)(4)
COMB CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
(1)(2)

+76.89 +29.92 +44.09 +35.79 +18.40 +67.32 +16.05 +91.44
107+50 C & G
PAVEMENT WIDENING (1)(2)(3)(4)
7.0'
9.0'
5.0'
+19.41 46.00' RT
+02.15 (20)
+11.32 (22)
46.00' RT
UTILITY POLE TO BE RELOCATED (BY OTHERS)
PCC SIDEWALK, 7' (10)(11)
PAVEMENT (6)(14)
+42.86 (25)
SEE ADA RAMP DETAILS (TYPICAL)
COMB CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
20.6'
30.2'
+03.86
+71.85 57.50' RT
+04.74 WIDENING LIMITS
+56.73
+41.60 57.50' RT
(10)(11) PCC SIDEWALK
SOUTHEAST CT
25.9' 19.8'
SEE ADA RAMP DETAILS (TYPICAL)
87.80' RT
SPRING RD 237
PROJECT LIMITS
STA 237+22.00 ℄ WILLOW SPRING RD =
STA 104+21.30, 78.00' RT ℄ 55TH ST

MATCH LINE STA. 108+40
SEE SHEET 60

N

0 20 40 60
SCALE IN FEET




| | | | | |
|---|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | **STATE OF ILLINOIS** | **PLAN AND PROFILE** |
| | DRAWN - JDW | REVISED - | **DEPARTMENT OF TRANSPORTATION** | **55TH STREET** |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | | SCALE: AS SHOWN \| SHEET 10 OF 17 SHEETS \| STA. 102+75 TO STA. 108+40 |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | | |

Bowman — 10 S. LaSalle Street, Suite 2110, Chicago, Illinois 60603, 312-454-0360, www.bowman.com

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 59 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

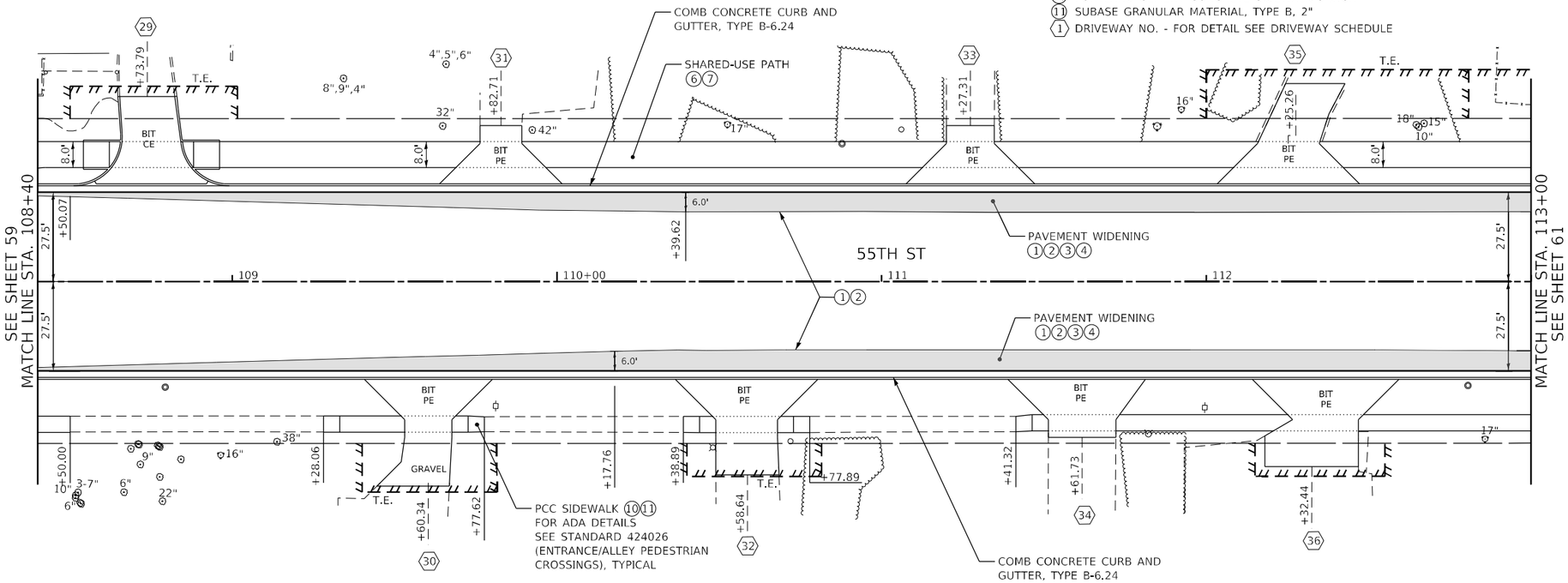
PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.O.W. CHECKED, CADD FILE NAME, NOTE BOOK, NO.
PROFILE — SURVEYED, PLOTTED, GRADE CHECKED, BM. NOTED, STRUCTURE NOTATIONS CHKD
BY, DATE

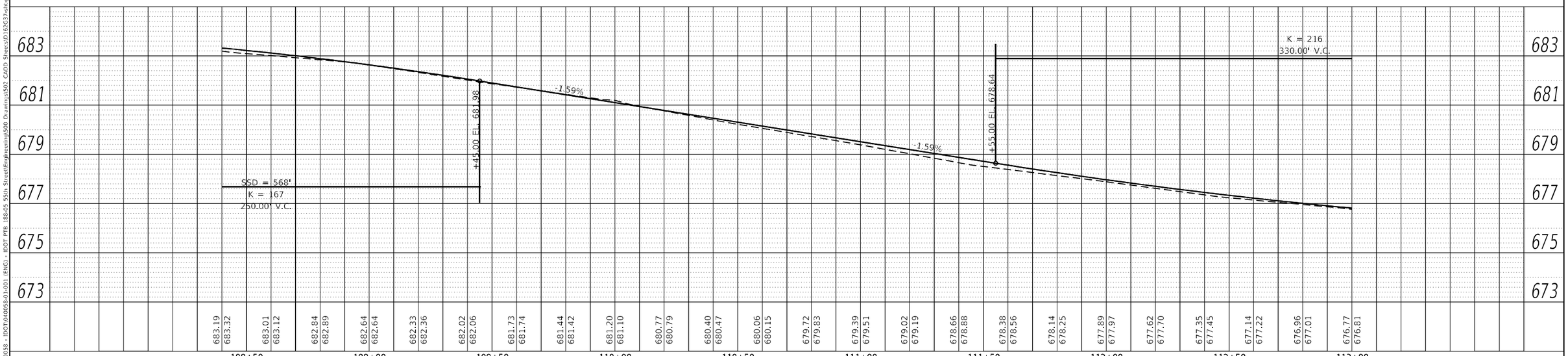
MODEL: Default
FILE NAME: P:\0400058 - IDOT\0400058-01-001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37-sht-plnpr110.dgn

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

## PROPOSED ROADWAY LEGEND

(1) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
(2) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
(3) HMA BASE COURSE - SEE NOTE 1
(4) AGGREGATE SUBGRADE IMPROVEMENT (12")
(6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
(7) AGGREGATE BASE COURSE, TYPE B, 6"
(10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(11) SUBASE GRANULAR MATERIAL, TYPE B, 2"
(1) DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE




0 20 40 60
SCALE IN FEET

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

Bowman — 10 S. LaSalle Street, Suite 2110, Chicago, IL 60603, 312-494-0360, www.bowman.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

SCALE: AS SHOWN | SHEET 11 OF 17 SHEETS | STA. 108+40 | TO STA. 113+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 60 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

PLAN — SURVEYED | PLOTTED | QUANTITIES CHECKED | R.O.W. CHECKED | CADD FILE NAME | NOTE BOOK | NO.
PROFILE — SURVEYED | PLOTTED | QUANTITIES CHECKED | BM. NOTED | STRUCTURE NOTATIONS CHKD | NOTE BOOK | NO.
BY | DATE

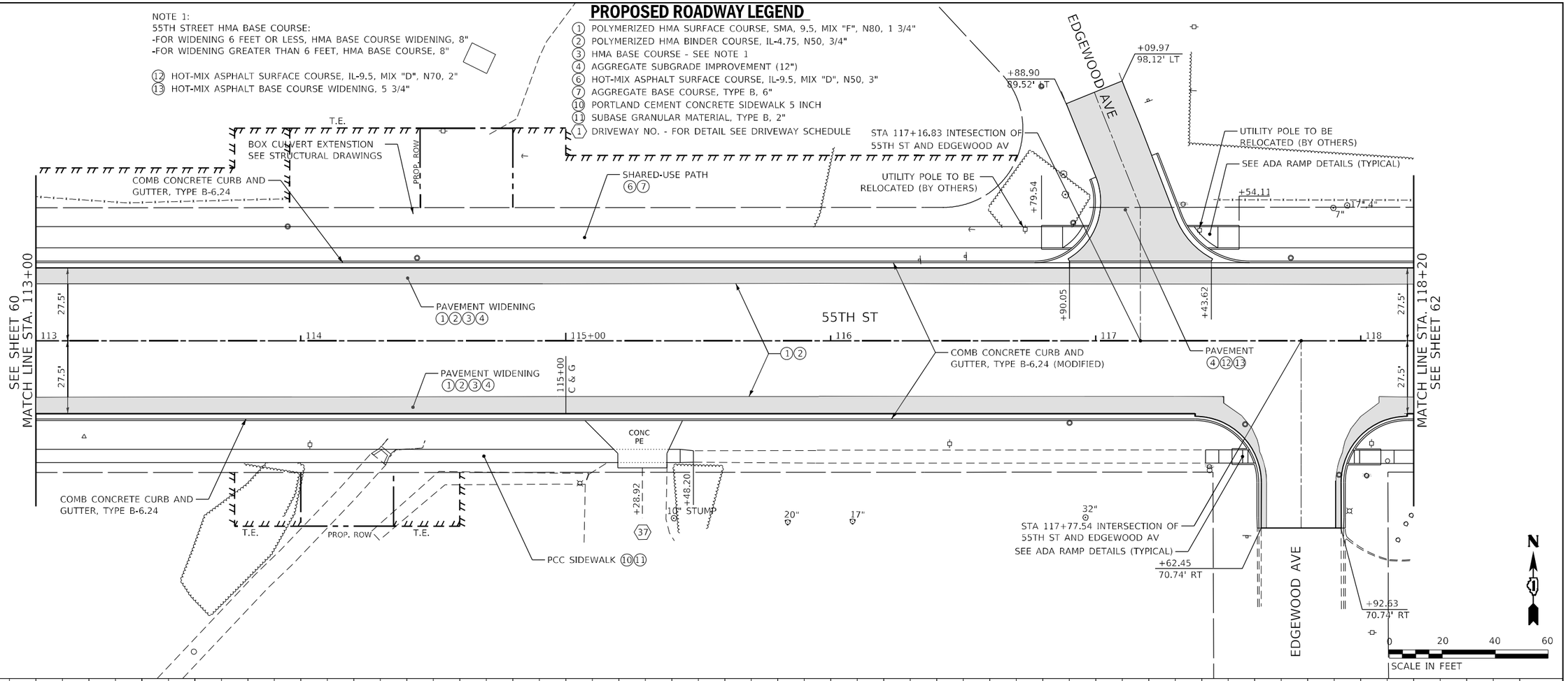
MODEL: Default
FILE NAME: P:\040058 - IDOT\040058-01\001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37-sht-plnprf11.dgn

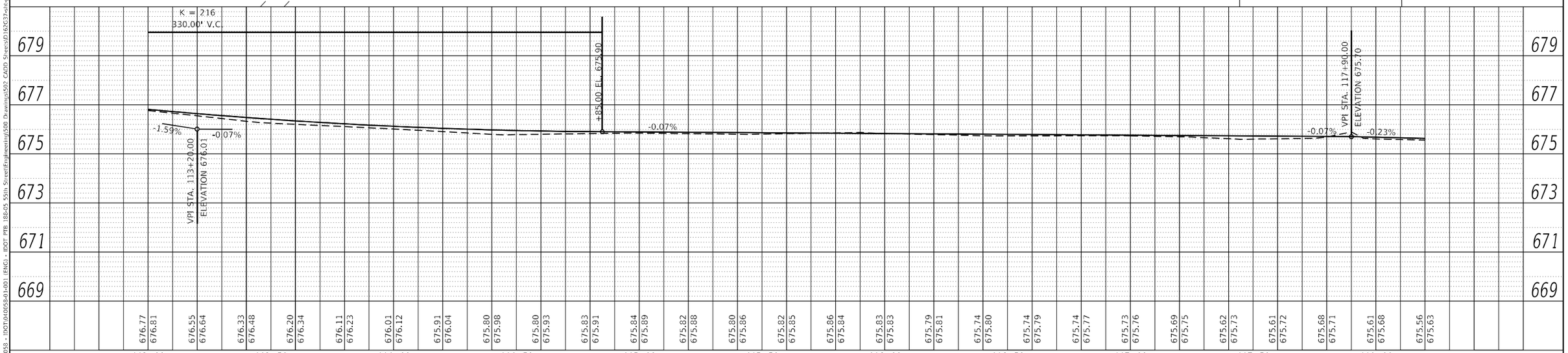
NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

(12) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
(13) HOT-MIX ASPHALT BASE COURSE WIDENING, 5 3/4"

## PROPOSED ROADWAY LEGEND

(1) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
(2) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
(3) HMA BASE COURSE - SEE NOTE 1
(4) AGGREGATE SUBGRADE IMPROVEMENT (12")
(6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
(7) AGGREGATE BASE COURSE, TYPE B, 6"
(10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(11) SUBASE GRANULAR MATERIAL, TYPE B, 2"
(1) DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE




PLAN — SURVEYED — PLOTTED — DRAWN — CHECKED — QUANTITIES CHECKED — ALIGNMENT CHECKED — R.O.W. CHECKED — CADD FILE NAME — NOTE BOOK — NO.

PROFILE — SURVEYED — PLOTTED — DRAWN — CHECKED — QUANTITIES CHECKED — BM. NOTED — STRUCTURE NOTATIONS CHKD

MODEL: Default
FILE NAME: P:\0400058 - IDOT\0400058-01\-001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37-sht-sthpr112.dgn

| | | | |
|---|---|---|---|
| Bowman — 10 S. LaSalle Street, Suite 2110, Chicago, Illinois 60603, 312-454-0360, www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | | DRAWN - JDW | REVISED - |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| | PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

SCALE: AS SHOWN | SHEET 12 OF 17 SHEETS | STA. 113+00 TO STA. 118+20

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 61 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

## PROPOSED ROADWAY LEGEND

(1) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
(2) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
(3) HMA BASE COURSE - SEE NOTE 1
(4) AGGREGATE SUBGRADE IMPROVEMENT (12")
(6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
(7) AGGREGATE BASE COURSE, TYPE B, 6"
(10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(11) SUBASE GRANULAR MATERIAL, TYPE B, 2"
(1) DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE

COUNTRY CLUB DR
CONCRETE CURB TYPE B, 4' EACH
SHARED-USE PATH, 5' (6)(7)
+19.44 70.15' LT
+19.43 60.13' LT
+13.34 49.58' LT
+6.56 47.84' LT
R 9.4'
R 4.4'
CURB AND GUTTER TYPE B-6.12
SHARED-USE PATH (6)(7)
COMB CONCRETE CURB AND GUTTER, TYPE B-6.24
UTILITY POLE TO BE RELOCATED (BY OTHERS)
SEE SHEET 61
MATCH LINE STA. 118+20
MATCH LINE STA. 124+00
SEE SHEET 63
PAVEMENT WIDENING (1)(2)(3)(4)
55TH ST
27.5'
119
120+00
121
122
123
121+00 C & G
CONCRETE CURB TYPE B
CURB AND GUTTER TYPE B-6.24
PCC SIDEWALK (10)(11) FOR ADA DETAILS SEE STANDARD 424026 (ENTRANCE/ALLEY PEDESTRIAN CROSSINGS), TYPICAL
BIT CE
T.E.
+37.91
+88.15
+06.28
+32.52
+86.64
+71.71
+99.72
+27.82
+36.88
+93.68
+65.25
38
39
40
41
N
0 20 40 60
SCALE IN FEET

PROFILE
-0.23%
-0.71%
VPI STA. 121+00.00
ELEVATION 674.99
+00.00 EL. 675.45
+00.00 EL. 673.57
SSD = 1583'
K = 833
400.00' V.C.
679
677
675
673
671
669
675.56 675.63 | 675.51 675.59 | 675.49 675.54 | 675.46 675.49 | 675.43 675.45 | 675.35 675.40 | 675.28 675.35 | 675.23 675.29 | 675.20 675.23 | 675.16 675.16 | 675.05 675.09 | 674.95 675.01 | 674.87 674.93 | 674.80 674.84 | 674.72 674.75 | 674.59 674.65 | 674.46 674.55 | 674.34 674.45 | 674.23 674.34 | 674.12 674.22 | 674.01 674.10 | 673.89 673.98 | 673.79 673.85 | 673.70 673.71 | 673.60 673.57 | 673.43 673.43 | 673.26 673.29 | 673.09 673.15 | 672.93 673.00 | 672.81 672.86
118+50 119+00 119+50 120+00 120+50 121+00 121+50 122+00 122+50 123+00 123+50 124+00

PLAN: SURVEYED / PLOTTED / DRAWN / CHECKED / QUANTITIES CHECKED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK / NO.
PROFILE: SURVEYED / PLOTTED / DRAWN / CHECKED / QUANTITIES CHECKED / BM. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO.
BY / DATE

MODEL: Default
FILE NAME: P:\0400058 - IDOT\040058-01\001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37+sht+plnpr13.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

SCALE: AS SHOWN | SHEET 13 OF 17 SHEETS | STA. 118+20 TO STA. 124+00

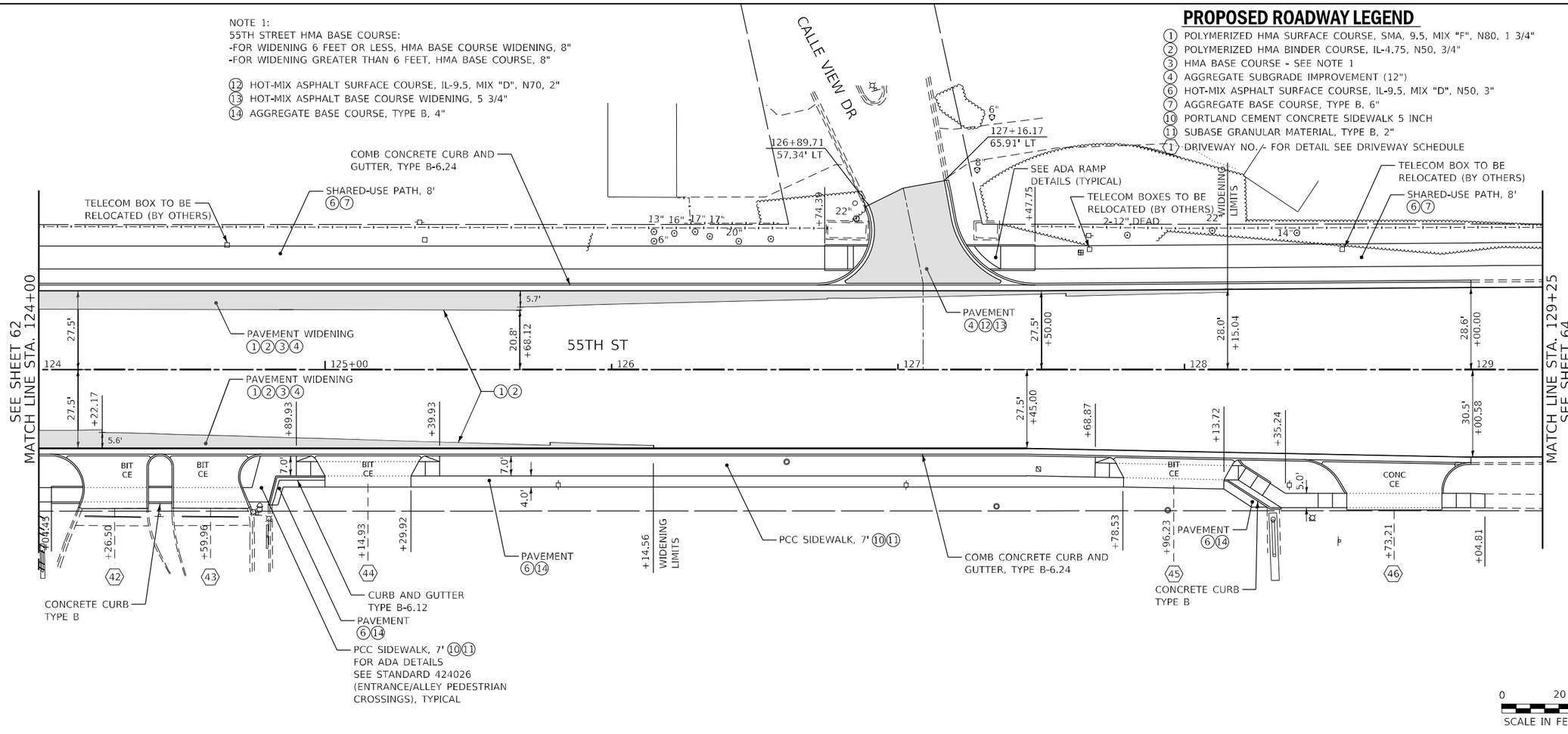
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 62 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

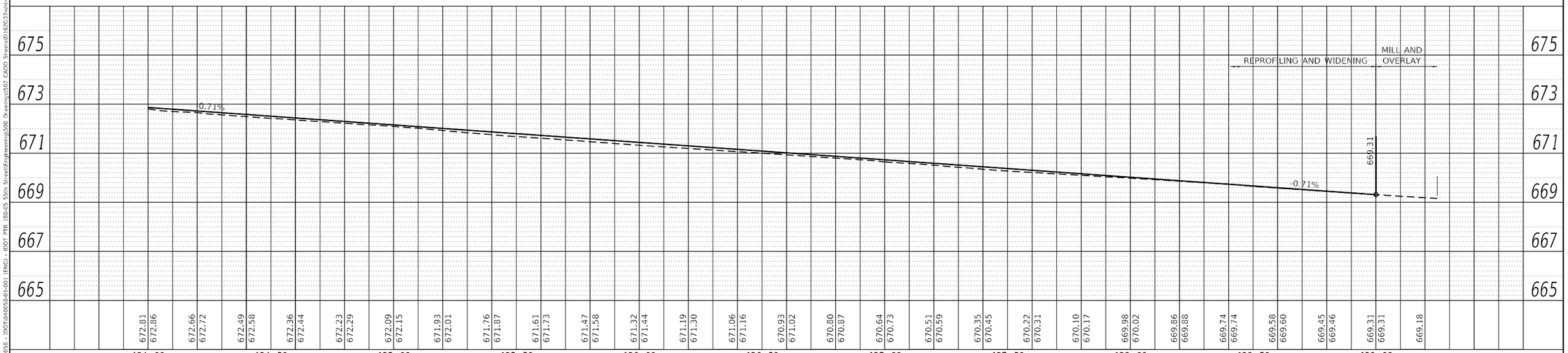
NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

(12) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
(13) HOT-MIX ASPHALT BASE COURSE WIDENING, 5 3/4"
(14) AGGREGATE BASE COURSE, TYPE B, 4"

## PROPOSED ROADWAY LEGEND

(1) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
(2) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
(3) HMA BASE COURSE - SEE NOTE 1
(4) AGGREGATE SUBGRADE IMPROVEMENT (12")
(6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
(7) AGGREGATE BASE COURSE, TYPE B, 6"
(10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(11) SUBASE GRANULAR MATERIAL, TYPE B, 2"
(1) DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE




| | | | |
|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0360 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | | DRAWN - JDW | REVISED - |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| | PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

SCALE: AS SHOWN | SHEET 14 OF 17 SHEETS | STA. 124+00 | TO STA. 129+25

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 63 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

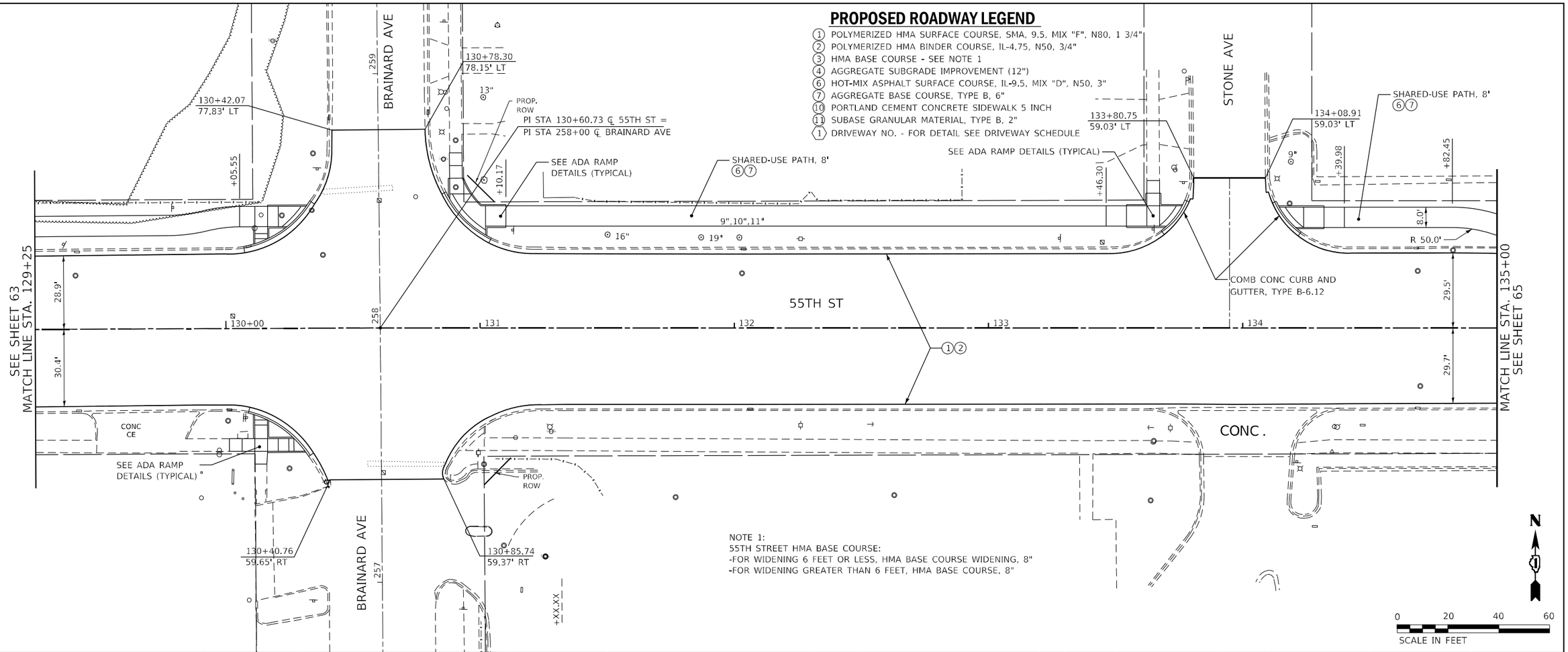
PLAN — SURVEYED | PLOTTED | CROSS SECTIONS CHECKED | R.O.W. MONUMENTS FOUND | B.M. NOTED | STRUCTURE NOTATIONS CHKD | NOTE BOOK NO. | BY | DATE

PROFILE — SURVEYED | PLOTTED | CROSS SECTIONS CHECKED | R.O.W. MONUMENTS FOUND | B.M. NOTED | STRUCTURE NOTATIONS CHKD | NOTE BOOK NO. | BY | DATE

MODEL: Default
FILE NAME: P:\040058 - IDOT\040058-01\001 (ENG) - IDOT PTB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37-alt-cplpp114.dgn

## PROPOSED ROADWAY LEGEND

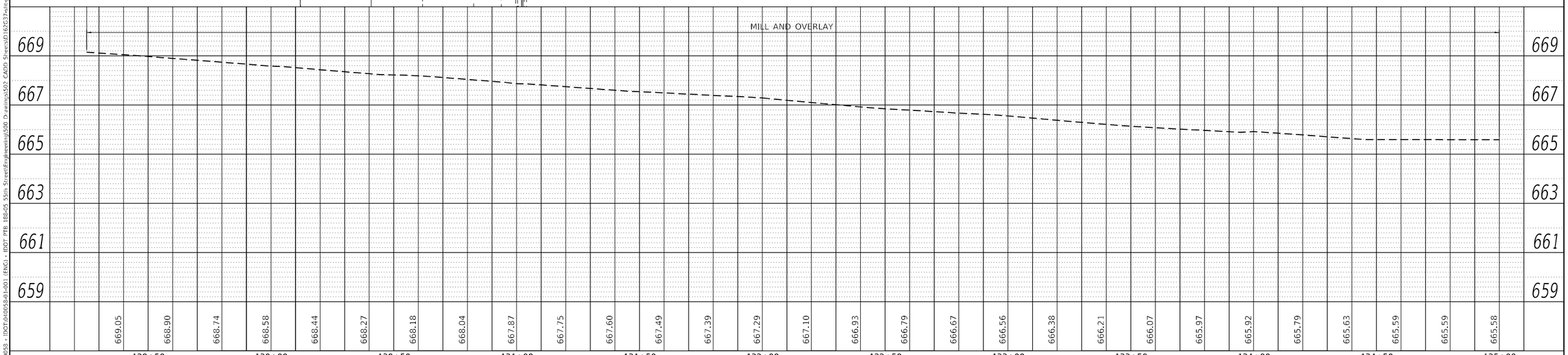
1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
3. HMA BASE COURSE - SEE NOTE 1
4. AGGREGATE SUBGRADE IMPROVEMENT (12")
6. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
7. AGGREGATE BASE COURSE, TYPE B, 6"
10. PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
11. SUBASE GRANULAR MATERIAL, TYPE B, 2"
1. DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE




NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

N

0 20 40 60
SCALE IN FEET




PLAN — SURVEYED — PLOTTED — DRAWN BY — CHECKED — QUANTITIES CHECKED — R.O.W. CHECKED — CADD FILE NAME — NOTE BOOK — NO.

PROFILE — SURVEYED — PLOTTED — DRAWN BY — CHECKED — QUANTITIES CHECKED — I.M. NOTED — STRUCTURE NOTATIONS CHKD

MODEL: Default
FILE NAME: P:\040058 - IDOT\040058-01\300) (ENG) - IDOT PFB 188-05 55th Street\Engineering\500 Drawings\502 CADD Sheets\SD162G37-alt-sphpr15.dgn

| | | | |
|---|---|---|---|
| Bowman — 10 S. LaSalle Street, Suite 2110, Chicago, Illinois 60603, 312-476-0260, www.bowmanus.com | USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | | DRAWN - JDW | REVISED - |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| | PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

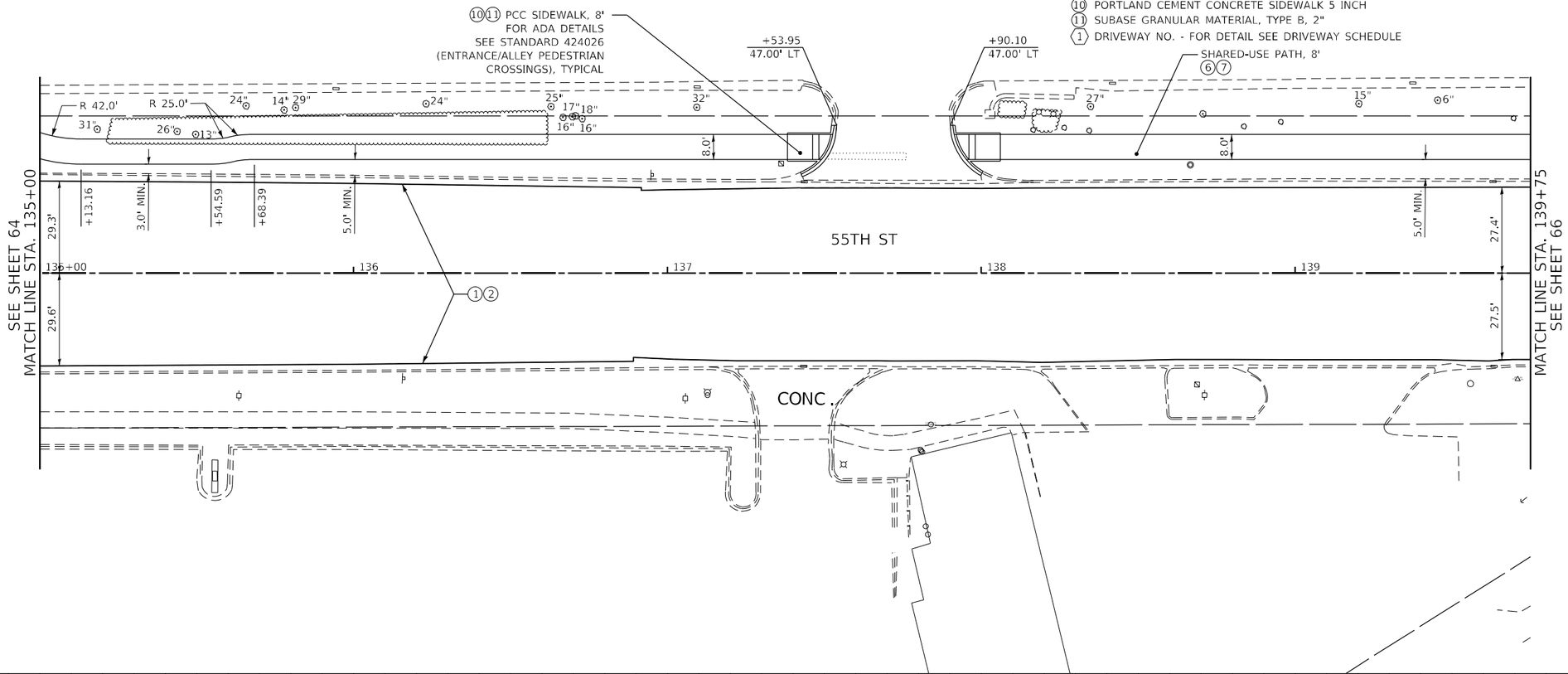
SCALE: AS SHOWN | SHEET 15 OF 17 SHEETS | STA. 129+25 | TO STA. 135+00

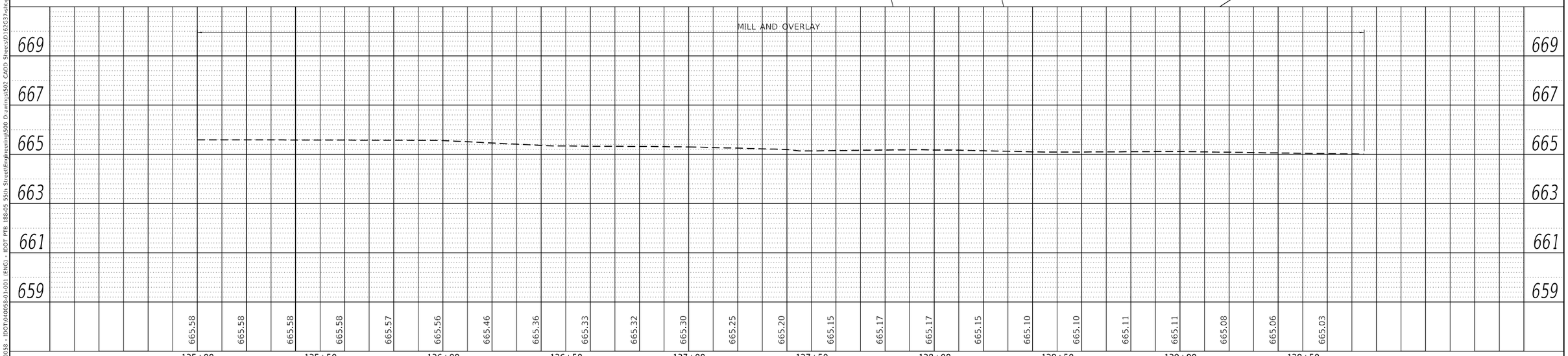
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 64 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

## PROPOSED ROADWAY LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
3. HMA BASE COURSE - SEE NOTE 1
4. AGGREGATE SUBGRADE IMPROVEMENT (12")
6. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
7. AGGREGATE BASE COURSE, TYPE B, 6"
10. PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
11. SUBASE GRANULAR MATERIAL, TYPE B, 2"
1. DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE




PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

MODEL: Default
FILE NAME: P:\040058 - IDOT\040058-01\001 (ENG) - IDOT PTB 188-05 59th Street\Engineering\500 Drawings\502 CADD Sheets\D162G37-sht-pltprf16.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**55TH STREET**

SCALE: AS SHOWN | SHEET 16 OF 17 SHEETS | STA. 135+00 | TO STA. 139+75

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 65 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## PROPOSED ROADWAY LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
3. HMA BASE COURSE - SEE NOTE 1
4. AGGREGATE SUBGRADE IMPROVEMENT (12")
6. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
7. AGGREGATE BASE COURSE, TYPE B, 6"
10. PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
11. SUBASE GRANULAR MATERIAL, TYPE B, 2"
1. DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

SHARED-USE PATH, 8' (6)(7)
SPRING AVE
SEE ADA RAMP DETAILS (TYPICAL)
PLAINFIELD RD
55TH ST
SEE SHEET 65
MATCH LINE STA. 139+75
END PROJECT
STA 139+99.61
MILL AND OVERLAY
N
0 20 40 60
SCALE IN FEET

| | | |

## PROPOSED ROADWAY LEGEND

- (1A) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- (2) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
- (3A) HMA BASE COURSE - SEE NOTE 1
- (4) AGGREGATE SUBGRADE IMPROVEMENT (12")
- (6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
- (7) AGGREGATE BASE COURSE, TYPE B, 6"
- (10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (11) SUBASE GRANULAR MATERIAL, TYPE B, 2"
- (1) DRIVEWAY NO. - FOR DETAIL SEE DRIVEWAY SCHEDULE

PROJECT LIMITS
STA 237+22.00 ℄ WILLOW SPRING RD =
STA 104+21.30, 78.00' RT ℄ 55TH ST

PROJECT LIMITS
STA 241+54.50

COMB CC&G TB6.24
CONC CURB TYPE B (TYPICAL)

NORTHWEST CT

PAVEMENT WIDENING (1A)(3A)(4)

UTILITY POLE TO BE RELOCATED (BY OTHERS)

WILLOW SPRINGS RD

PAY LIMITS FOR WILLOW SPRINGS ROAD

STA 104+21.13 ℄ 55TH ST =
STA 238+00 ℄ WILLOW SPRINGS RD

55TH ST

NORTHEAST CT

54TH PL

NOTE 1:
WILLOW SPRINGS ROAD HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 5 3/4"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 5 3/4"

0 20 40 60
SCALE IN FEET

REPROFILING ONLY | REPROFILING AND WIDENING | WIDENING ONLY

℄ 55TH ST STA 238+00 ELEVATION 684.41

℄ NORTHWEST CT STA 240+23.95

+1.71% +0.66%

682.14 682.41 682.69 683.02 683.33 683.66 684.04 684.38 684.55 684.68 684.84 684.95 684.99 685.06 685.13 685.19 685.23 685.23 685.19 685.09 684.97 684.86 684.71 684.55 684.35 684.17 684.03 683.80 683.61 683.40

236+50 237+00 237+50 238+00 238+50 239+00 239+50 240+00 240+50 241+00 241+50 242+00 242+50

| | | | |
|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-416-6200 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | | DRAWN - JDW | REVISED - |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| | PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**
**WILLOW SPRINGS ROAD**

SCALE: AS SHOWN | SHEET 1 OF 1 SHEETS | STA. 236+50 TO STA. 242+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 67 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

PLAN — SURVEYED, PLOTTED, PLANS CHECKED, R.O.W. CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, PLANS CHECKED, U.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-edhwf18.dgn

## STAGING NOTES:

CONSTRUCTION WORK ZONE SPEED LIMIT = 35 MPH.

**PRESTAGE - WESTBOUND 55TH STREET CONSTRUCTION AT LAUREL AVE.**
REMOVED CURB AND GUTTER AT THE WESTBOUND 55TH STREET AND LAUREL AVENUE.
LIMITS SHALL BE AS SHOWN IN STAGE 1 STAGING.
CONSTRUCT TEMPORARY PAVEMENT FOR USE IN STAGE 1.
CONSTRUCT DRAINAGE STRUCTURE 125 AND PIPE TO CONNECT TO EXISTING INLET (SEE DRAINAGE PLANS)

**STAGE 1 - EASTBOUND 55TH STREET CONSTRUCTION**

1.1 SET UP LANE CLOSURE FOR SOUTH SIDE OF 55TH STREET USING STANDARD 701611.
PROVIDE 1-11' LANE FOR WB AND 1-11' LANE FOR EB SEPARATED BY A DOUBLE YELLOW LINE.
REFER TO MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND PLANS.

1.2 INSTALL TEMPORARY TRAFFIC SIGNALS.

1.3 MAINTAIN ONE 11-FOOT LEFT TURN LANE AT WOLF ROAD, LAUREL AVENUE, WILLOW SPRING ROAD AND BRAINARD AVENUE.

1.4 REMOVE CURB AND GUTTER AND OTHER APPURTENANCES THAT ARE IN CONFLICT WITH PROPOSED IMPROVEMENT.

1.5 CONSTRUCT DRAINAGE IMPROVEMENTS ALONG THE SOUTH SIDE OF 55TH STREET. TEMPORARY DRAINAGE CONNECTIONS TO EXISTING SYSTEM TO BE UTILIZED TO MAINTAIN EXISTING DRAINAGE PATTERNS DURING CONSTRUCITON. (SEE DRAINAGE PLANS)

1.6 CONSTRUCT PAVEMENT WIDENING, CURB AND GUTTER, SIDEWALK, TRAFFIC SIGNAL FOUNDATIONS, AND ROADSIDE FEATURES.

**STAGE 2 - WESTBOUND 55TH STREET CONSTRUCTION**

2.1 SET UP LANE CLOSURE FOR NORTH SIDE OF 55TH STREET USING STANDARD 701611.
PROVIDE 1-11' LANE FOR WB AND 1-11' LANE FOR EB SEPARATED BY A DOUBLE YELLOW LINE.
REFER TO MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND PLANS.

2.2 ADJUST TEMPORARY TRAFFIC SIGNALS.

2.3 MAINTAIN ONE 11-FOOT LEFT TURN LANE AT WOLF ROAD, LAUREL AVENUE, WILLOW SPRING ROAD AND BRAINARD AVENUE.

2.4 REMOVE CURB AND GUTTER AND OTHER APPURTENANCES THAT IS IN CONFLICT WITH PAVEMENT WIDENING.

2.5 REMOVE TEMPORARY PAVEMENT.

2.6 CONSTRUCT DRAINAGE IMPROVEMENTS ALONG THE NORTH SIDE OF 55TH STREET.

2.7 CONSTRUCT PAVEMENT WIDENING, CURB AND GUTTER, SIDEWALK, SHARED-USE PATH, TRAFFIC SIGNAL FOUNDATIONS, AND ROADSIDE FEATURES.

**STAGE 3 - MEDIAN 55TH STREET CONSTRUCTION**

3.1 SET UP LANE CLOSURE FOR MEDIAN OF 55TH STREET USING STANDARD 701602.
PROVIDE 1-11' LANE FOR WB AND 1-11' LANE FOR EB SEPARATED BY A DOUBLE YELLOW LINE.
REFER TO MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND PLANS.

3.2 ADJUST TEMPORARY TRAFFIC SIGNALS.

3.3 MAINTAIN ONE 11-FOOT LEFT TURN LANE AT WOLF ROAD, LAUREL AVENUE, WILLOW SPRING ROAD AND BRAINARD AVENUE.

3.4 CONNECT DRAINAGE DRAINAGE STRUCTURES FROM PREVIOUS STAGES.

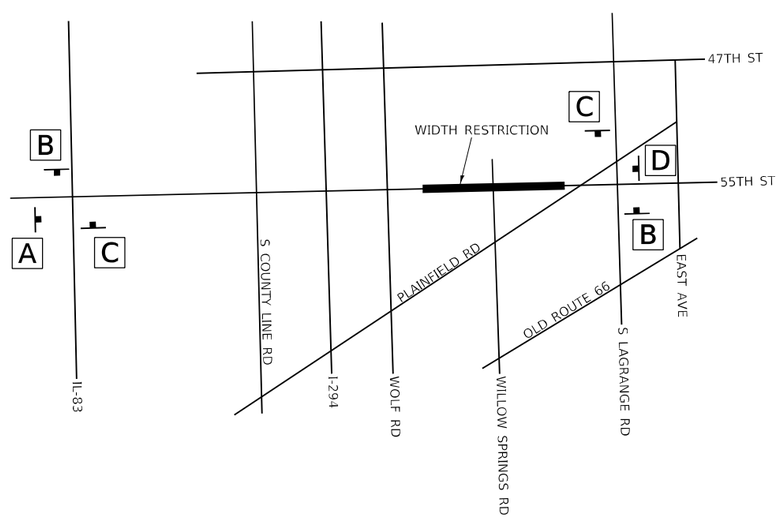
3.5 SCARIFY AND RESURFACE EXISTING PAVEMENT NOT CONSTRUCTED ON STAGE 1 AND STAGE 2.

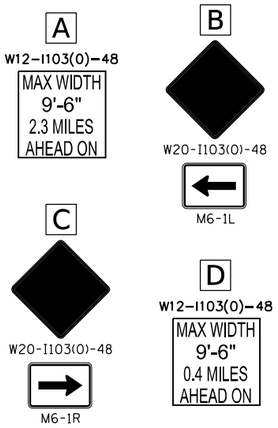
**STAGE 4 - WESTBOUND & EASTBOUND 55TH STREET CONSTRUCTION**

4.1 SETUP LANE CLOSURES UTILIZING STANDARDS
701606 - URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611 - URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701 - URBAN LANE CLOSURE, MULTI LANE INTERSECTION

4.2 SCARIFY AND RESURFACE EXISTING PAVEMENT NOT IMPROVED IN STAGE 1, STAGE 2, OR STAGE 3

**WIDTH RESTRICTION DETAIL**




NOTE:
CONTRACTOR TO PLACE SIGNS 500 FEET AHEAD OF EACH INTERSECTION.

MODEL: Default
FILE NAME: X:\900 Drawings\502 CADD Sheets\D1862G37-sht-mot-notes01.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

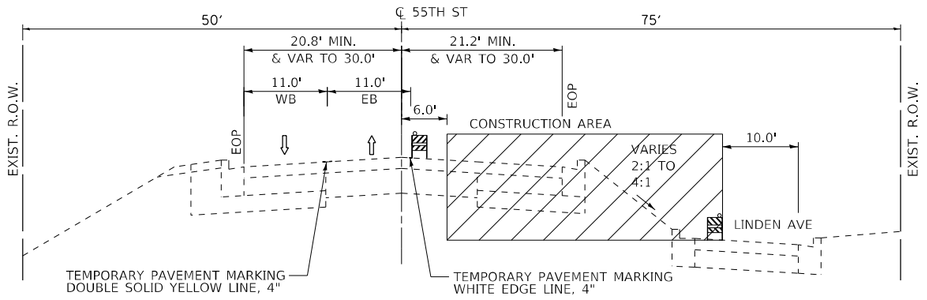
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGING NOTES**
**55TH STREET – WILLOW SPRINGS ROAD**

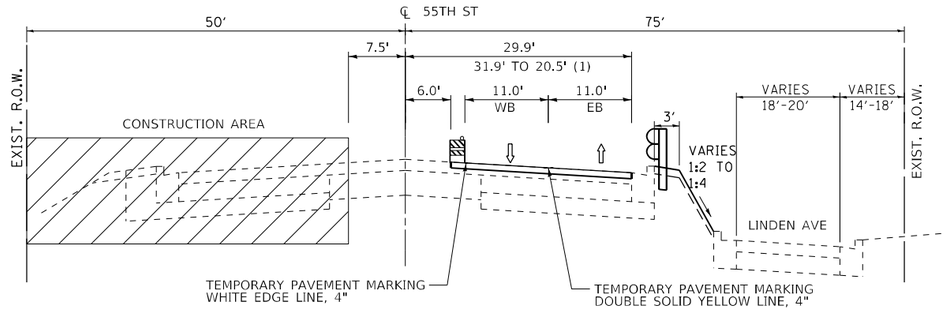
SCALE: NONE | SHEET 1 OF 24 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 68 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




## MOT STAGE 1 TYPICAL SECTION
## 55th STREET

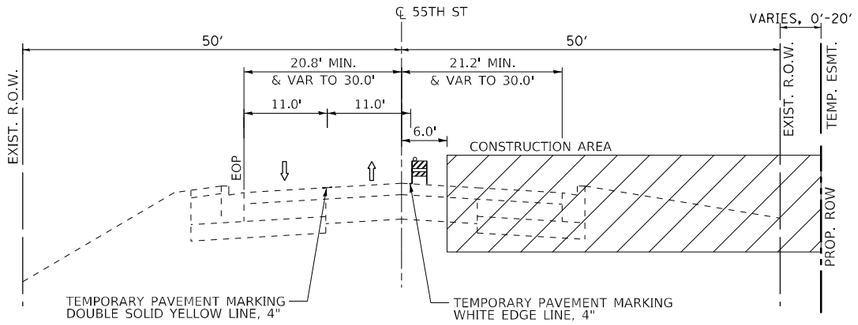
STA. 77+36 TO STA. 89+00




## MOT STAGE 2 TYPICAL SECTION
## 55th STREET

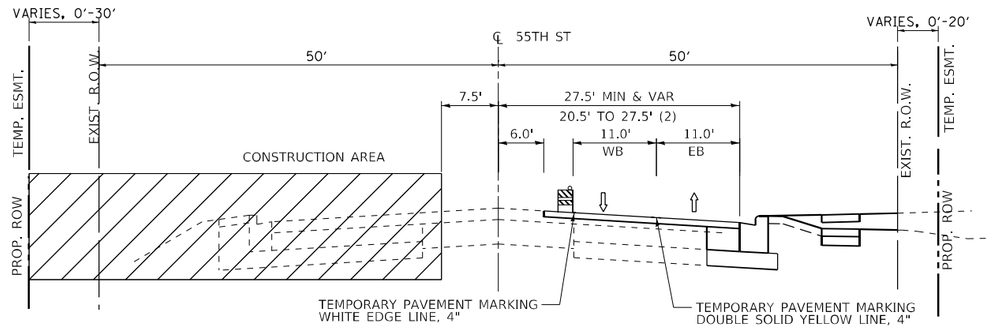
STA. 77+36 TO STA. 89+00

(1) = STA 80+15.00 TO STA 85+55.18
(2) = STA 88+49.69 TO STA 90+99.69



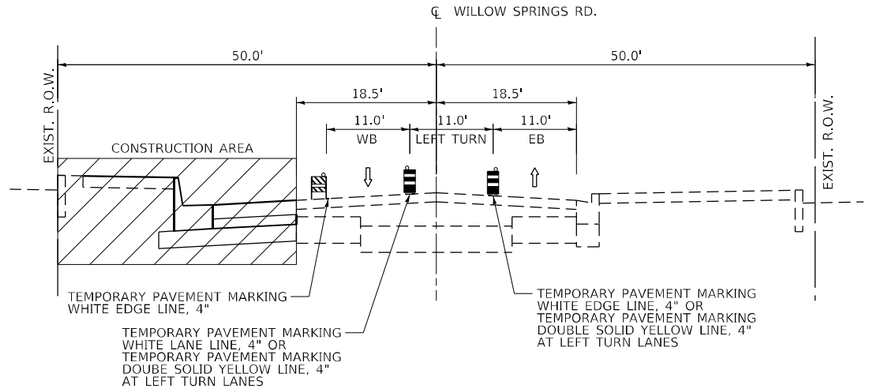

## MOT STAGE 1 TYPICAL SECTION
## 55th STREET

STA. 89+00 TO STA. 133+77




## MOT STAGE 2 TYPICAL SECTION
## 55th STREET

STA. 89+00 TO STA. 129+00




## MOT STAGE 2 TYPICAL SECTION
## WILLOW SPRING ROAD

STA. 238+45..5 TO STA. 241+49.9

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-alt-mot typical01.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0160
www.bowman.com

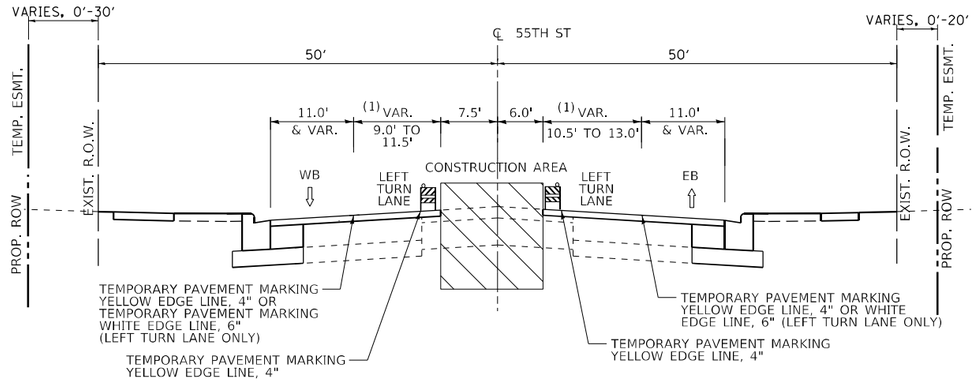
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – TYPICAL SECTIONS**
**55TH STREET – WILLOW SPRINGS ROAD**

SCALE: NONE | SHEET 2 OF 24 SHEETS | STA. | TO STA.

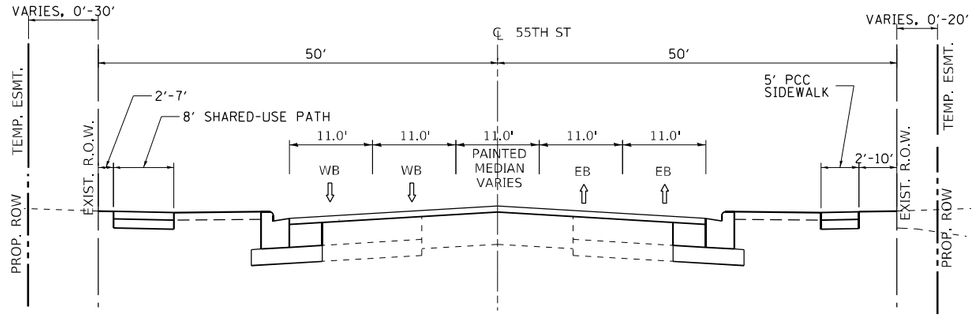
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 69 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




(1) DEAD LANE EXCEPT FOR LEFT TURN

## MOT STAGE 3 TYPICAL SECTION
## 55TH STREET

STA. 77+36 TO STA. 139+00




## MOT STAGE 4 TYPICAL SECTION
## 55TH STREET

STA. 54+62 TO STA. 140+00

MODEL: Default
FILE NAME: X:\500 Drawings\502 C&DD Sheets\D162G37-sht-mot-typical02.dgn

| | | | | | |
|---|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-630-0360 www.bowmanus.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINTENANCE OF TRAFFIC – TYPICAL SECTIONS 55TH STREET |
| | | DRAWN - JTF | REVISED - | | |
| | PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | | |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | | SCALE: NONE \| SHEET 3 OF 24 SHEETS \| STA. TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 70 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

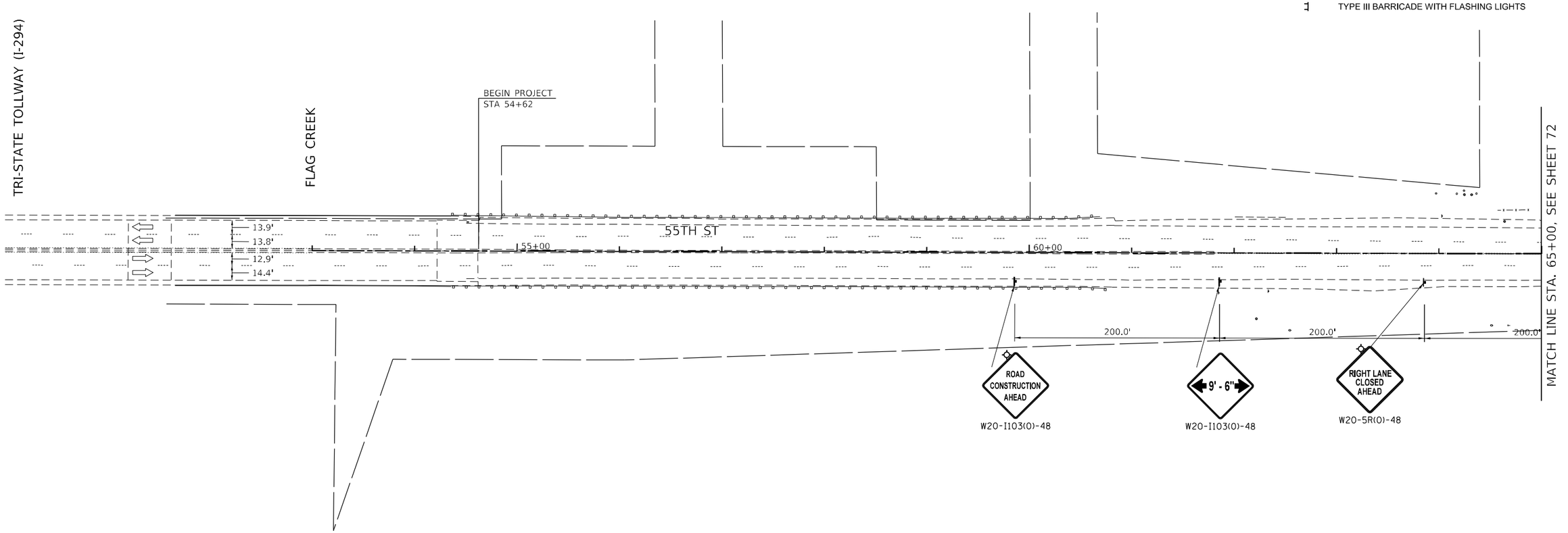
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\502 C&DD Sheets\D162G37-sht-staging01.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - |
| | DRAWN - JTF | REVISED - |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 1**
**55TH STREET**

SCALE: 1" = 50' | SHEET 4 OF 24 SHEETS | STA. 53+00 TO STA. 65+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 71 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - (1)
- WHITE 6" LINE - (2)
- YELLOW 4" LINE - (3)
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

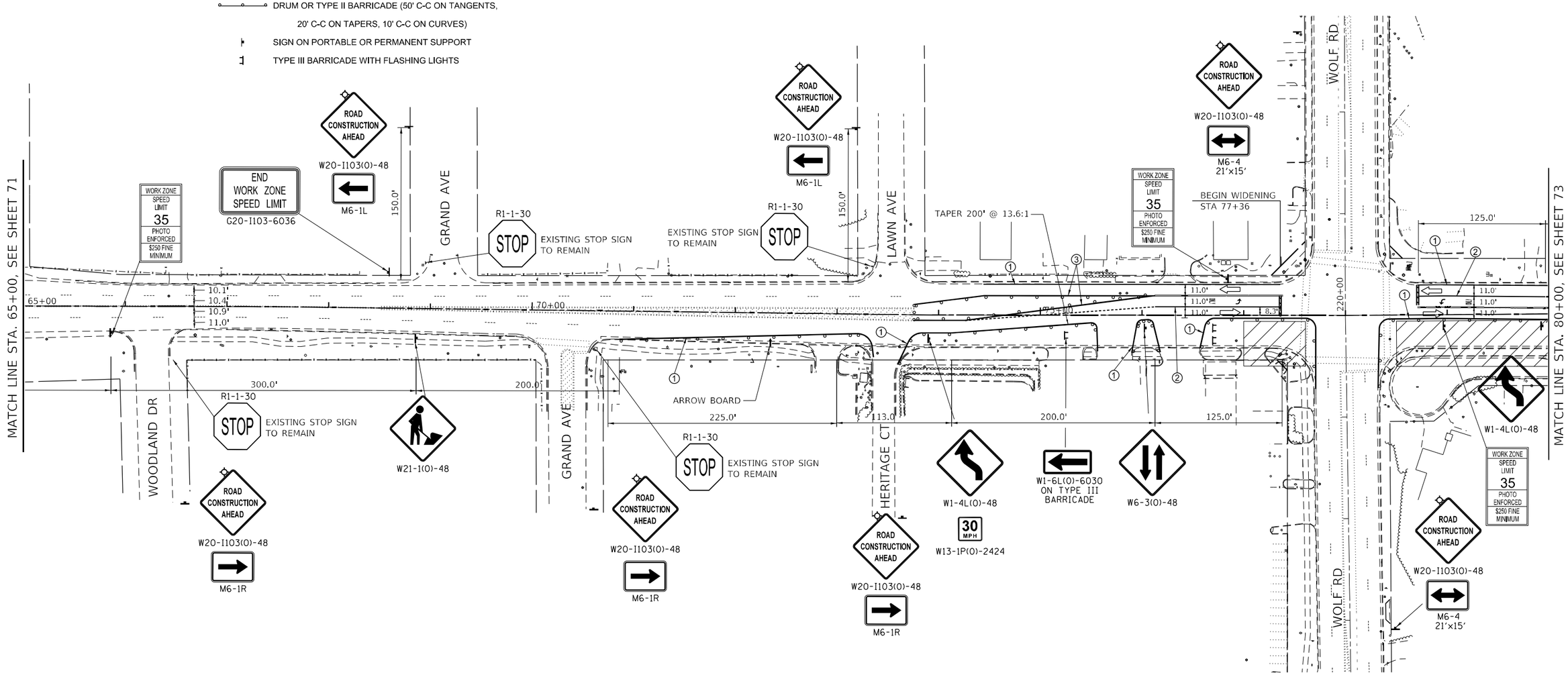
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




Bowman
10 S. LaSalle Street, Suite 2100
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 1**
**55TH STREET**

SCALE: 1" = 50' | SHEET 5 OF 24 SHEETS | STA. 65+00 TO STA. 80+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 72 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\900 Drawings\302 CADD Sheets\D162G37-sht-ezaytsv02.dgn

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

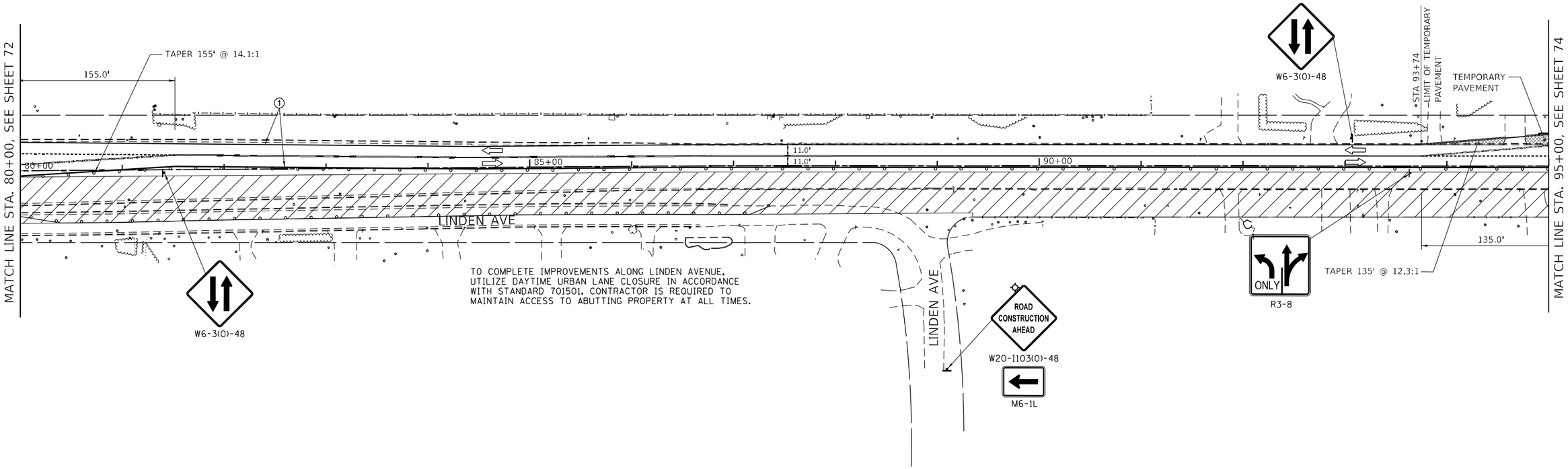
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\900 Drawings\502 CADD Sheets\D1862G37-sht-cadlng03.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 1**
**55TH STREET**

SCALE: 1" = 50' | SHEET 6 OF 24 SHEETS | STA. 80+00 | TO STA. 95+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 73 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

**SIGN DETAIL**

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

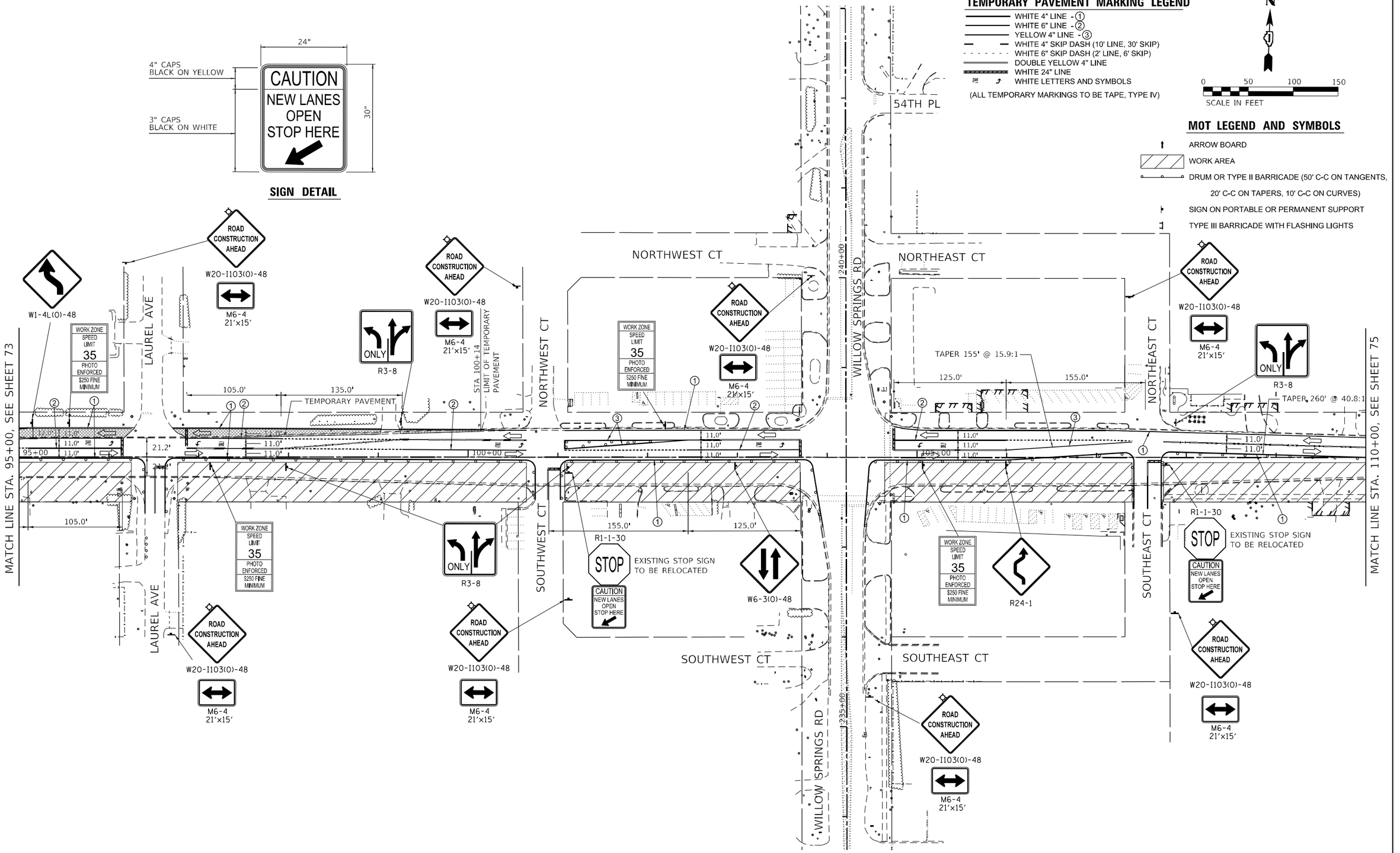
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\507 C40D Sheets\0162G37-sht-routing04.dgn

| | | | | | |
|---|---|---|---|---|---|
| **Bowman** 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-419-0360 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | **STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** | **MAINTENANCE OF TRAFFIC – STAGE 1** **55TH STREET** |
| | | DRAWN - JTF | REVISED - | | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | | SCALE: 1" = 50' \| SHEET 7 OF 24 SHEETS \| STA. 95+00 TO STA. 110+00 |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 74 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - (1)
- WHITE 6" LINE - (2)
- YELLOW 4" LINE - (3)
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

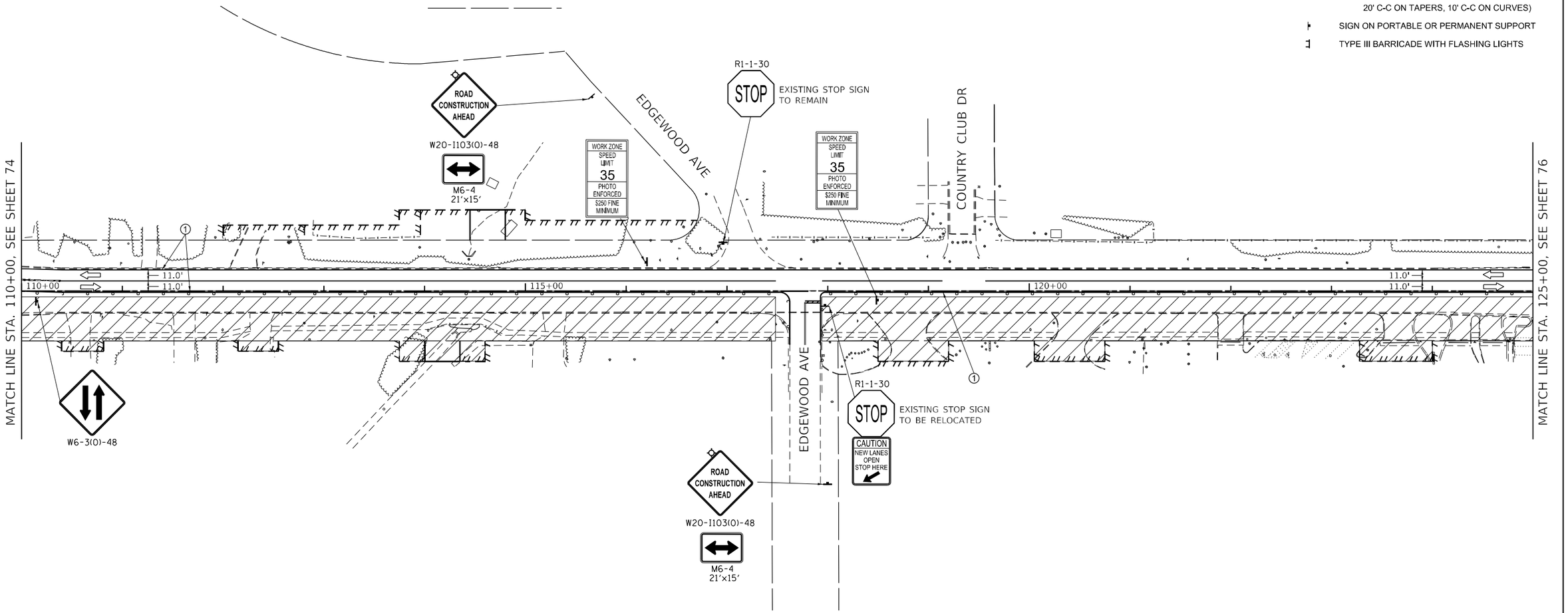
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\062G37-sht-stpdng05.dgn

| | | | | |
|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0360 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | | DRAWN - JTF | REVISED - | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**MAINTENANCE OF TRAFFIC – STAGE 1**
**55TH STREET**

SCALE: 1" = 50' | SHEET 8 OF 24 SHEETS | STA. 110+00 TO STA. 125+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 75 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - (1)
- WHITE 6" LINE - (2)
- YELLOW 4" LINE - (3)
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

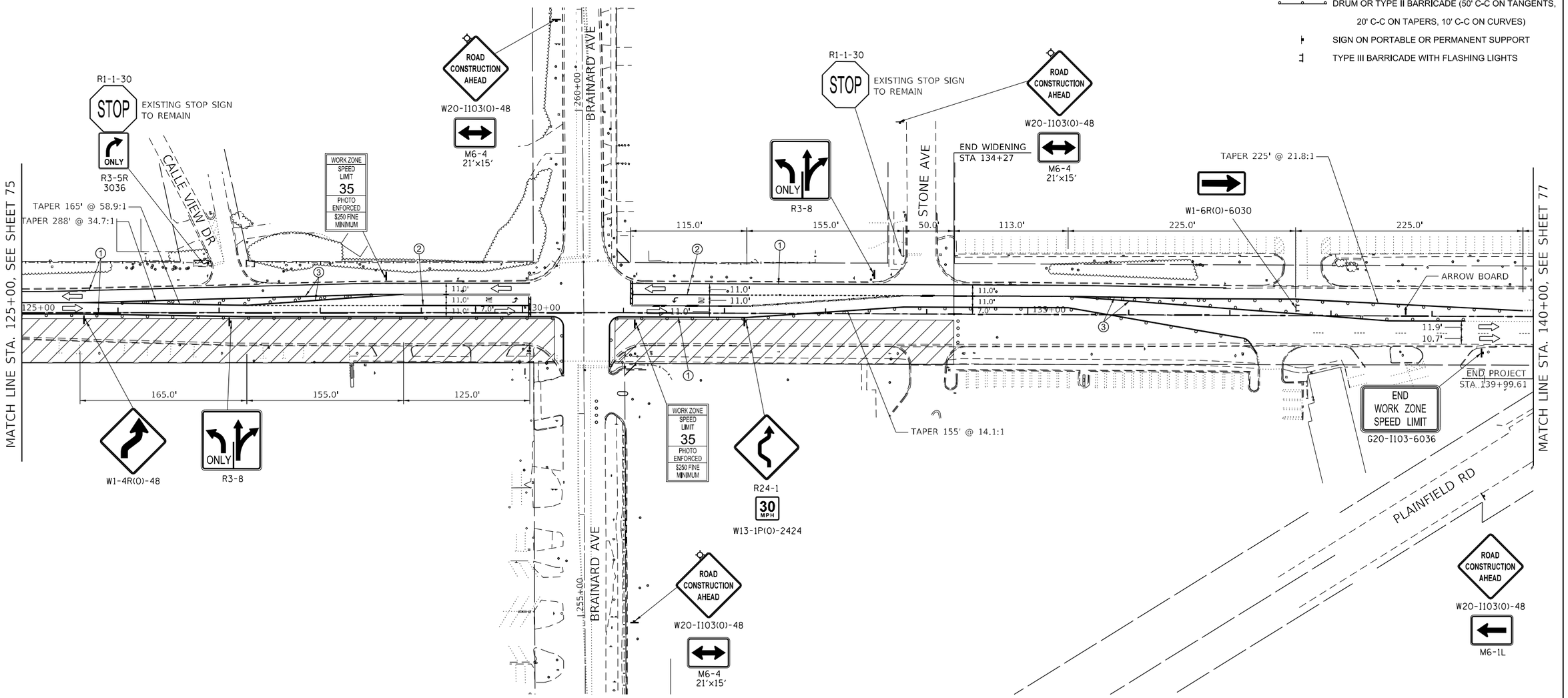
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\50D C40D Sheets\D162G37-4th-stroding06.dgn


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-634-0360
www.bowmanus.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 1**
**55TH STREET**

SCALE: 1" = 50' | SHEET 9 OF 24 SHEETS | STA. 125+00 TO STA. 140+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 76 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - (1)
- WHITE 6" LINE - (2)
- YELLOW 4" LINE - (3)
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

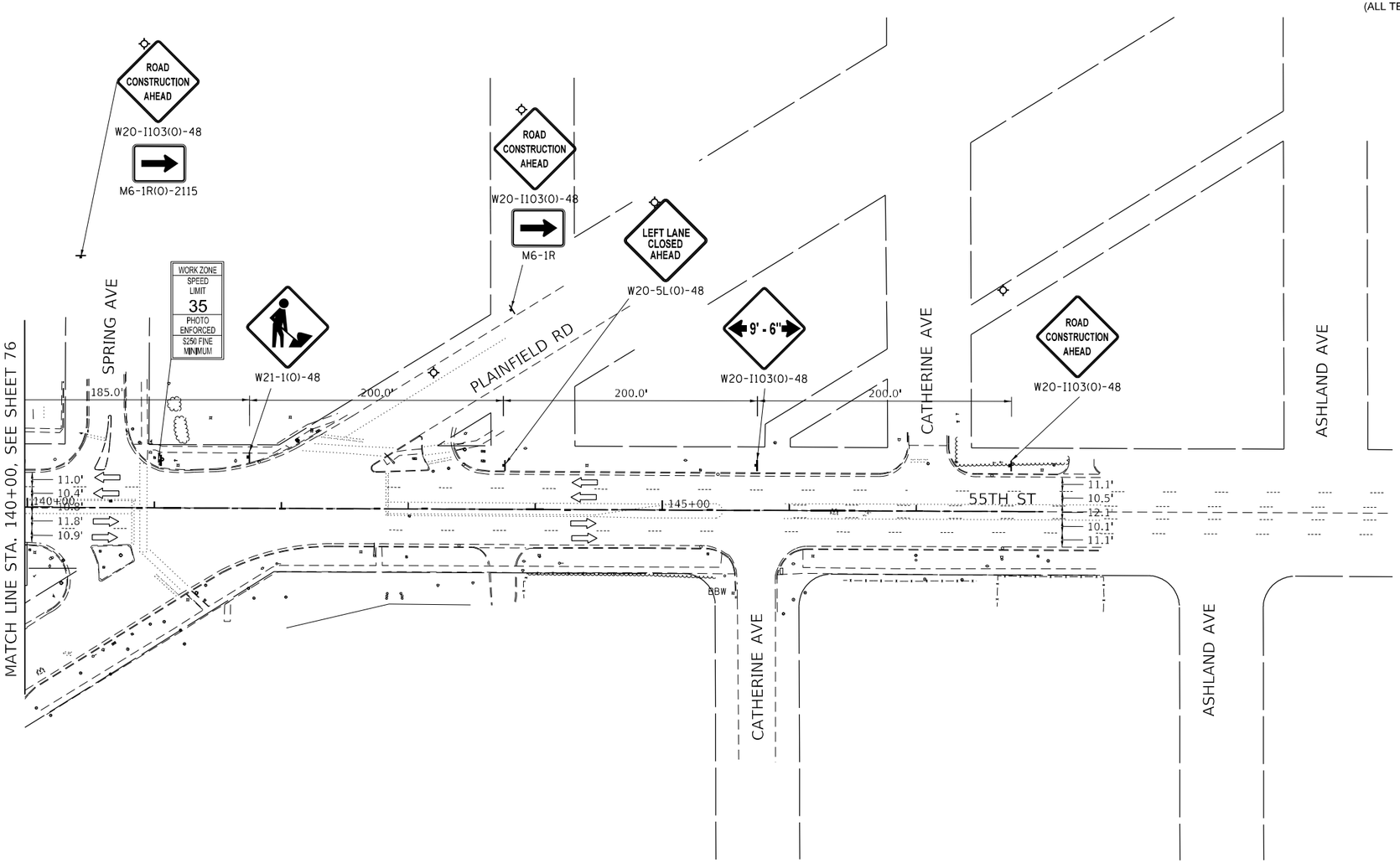
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\62G37-jht-staging07.dgn

| | | | | | |
|---|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0360 www.jbowman.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINTENANCE OF TRAFFIC – STAGE 1 55TH STREET |
| | | DRAWN - JTF | REVISED - | | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | | SCALE: 1" = 50' \| SHEET 10 OF 24 SHEETS \| STA. 140+00 TO STA. 148+00 |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 77 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS \| FED. AID PROJECT | | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

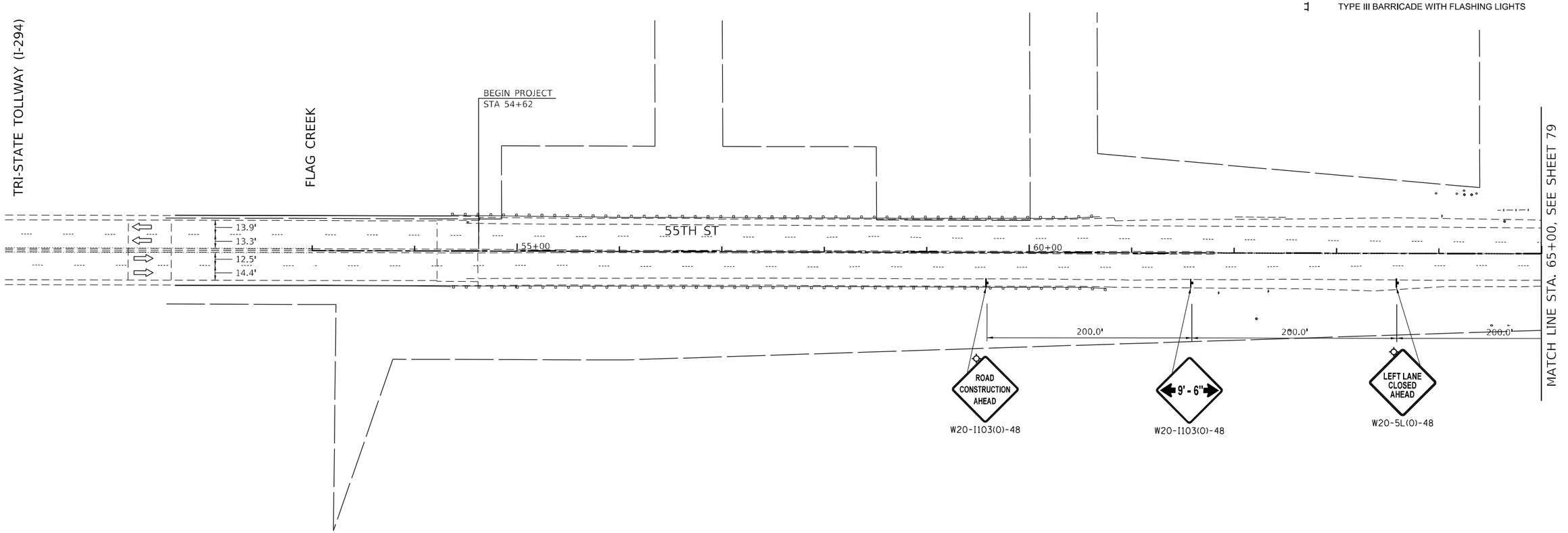
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\502 C&DD Sheets\D162G37-sht-staging08.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 2**
**55TH STREET**

SCALE: 1" = 50' | SHEET 11 OF 24 SHEETS | STA. 53+00 TO STA. 65+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 78 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - (1)
- WHITE 6" LINE - (2)
- YELLOW 4" LINE - (3)
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

N

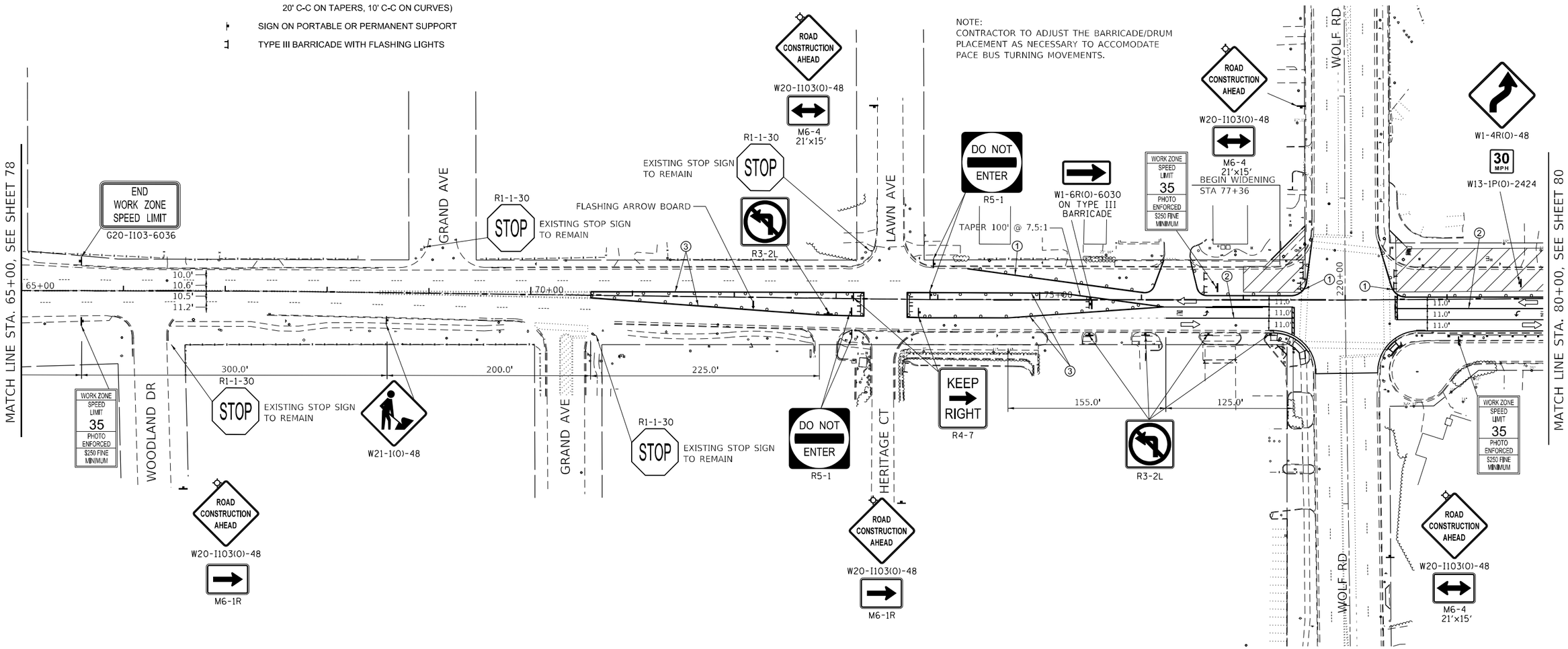
0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS

NOTE:
CONTRACTOR TO ADJUST THE BARRICADE/DRUM PLACEMENT AS NECESSARY TO ACCOMODATE PACE BUS TURNING MOVEMENTS.




Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 2**
**55TH STREET**

SCALE: 1" = 50' | SHEET 12 OF 24 SHEETS | STA. 65+00 TO STA. 80+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 79 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D1162G37-sht-cadds09.dgn

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

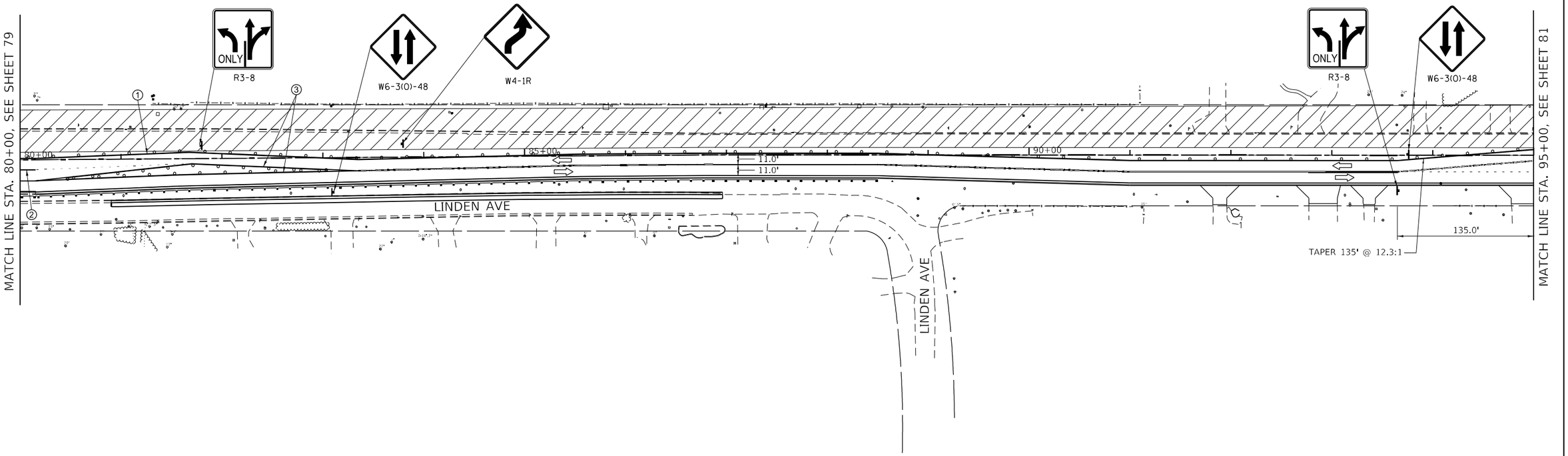
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\507 CADD Sheets\D162G37-sht-existing10.dgn


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0160
www.bowman.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 2**
**55TH STREET**

SCALE: 1" = 50' | SHEET 13 OF 24 SHEETS | STA. 80+00 | TO STA. 95+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 80 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - (1)
- WHITE 6" LINE - (2)
- YELLOW 4" LINE - (3)
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

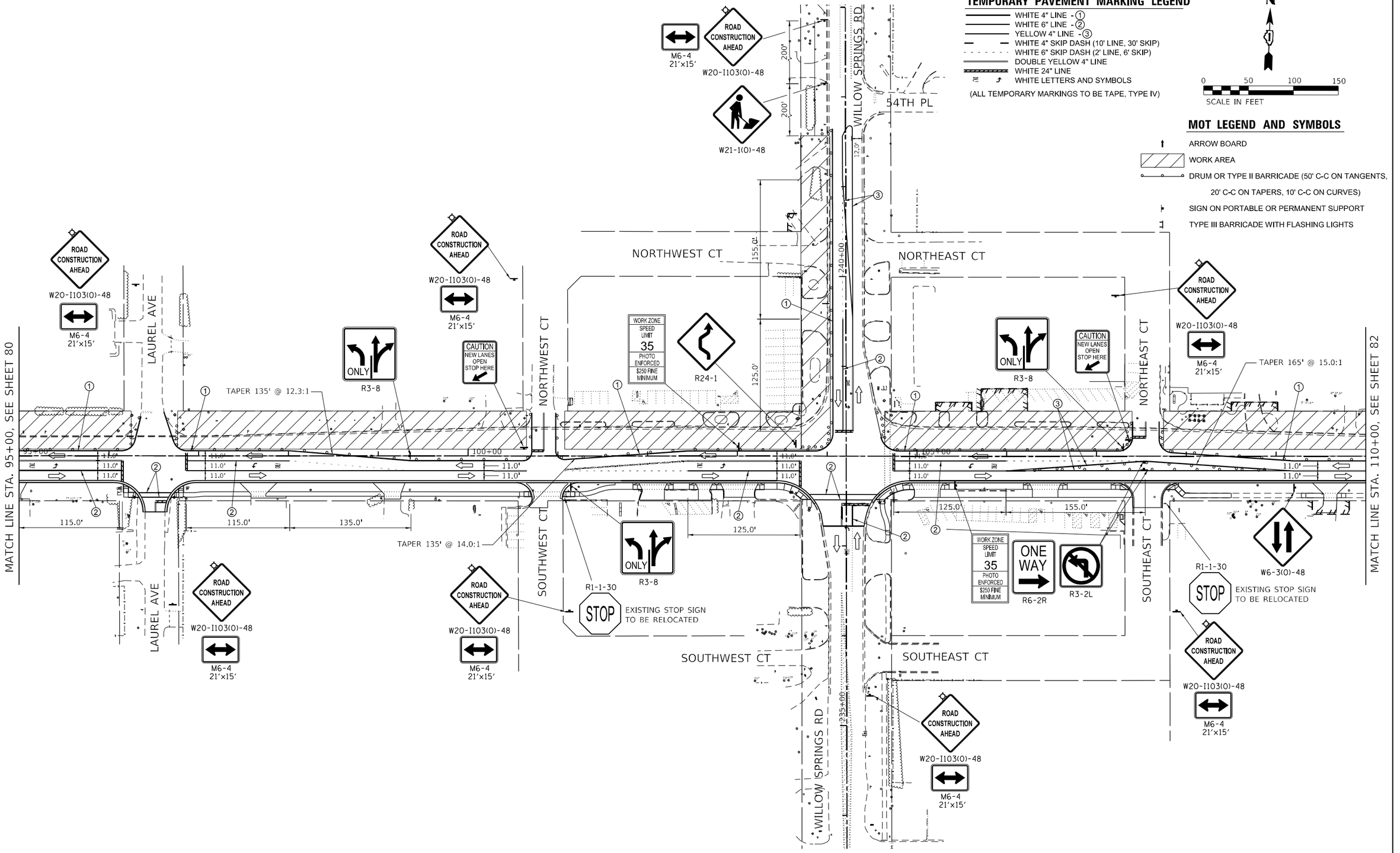
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\30 CADD Sheets\D162G37-4th-grading1.dgn

| | | | | |
|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-434-0360 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | **STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** |
| | | DRAWN - JTF | REVISED - | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**MAINTENANCE OF TRAFFIC – STAGE 2**
**55TH STREET**

SCALE: 1" = 50' | SHEET 14 OF 24 SHEETS | STA. 95+00 TO STA. 110+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 81 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - (1)
- WHITE 6" LINE - (2)
- YELLOW 4" LINE - (3)
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

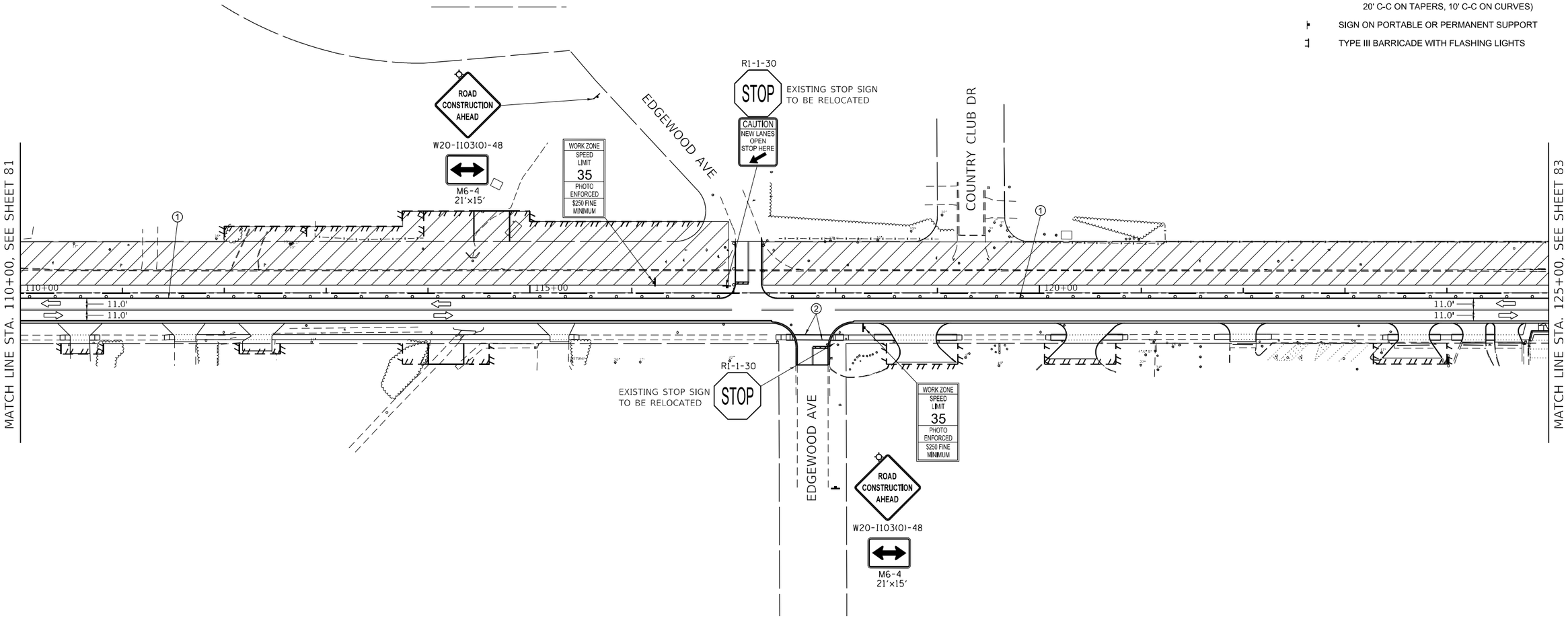
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\300 CADD Sheets\D162G37-sht-staging12.dgn


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-644-0360
www.bowman.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 2**
**55TH STREET**

SCALE: 1" = 50' | SHEET 15 OF 24 SHEETS | STA. 110+00 TO STA. 125+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 82 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - (1)
- WHITE 6" LINE - (2)
- YELLOW 4" LINE - (3)
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

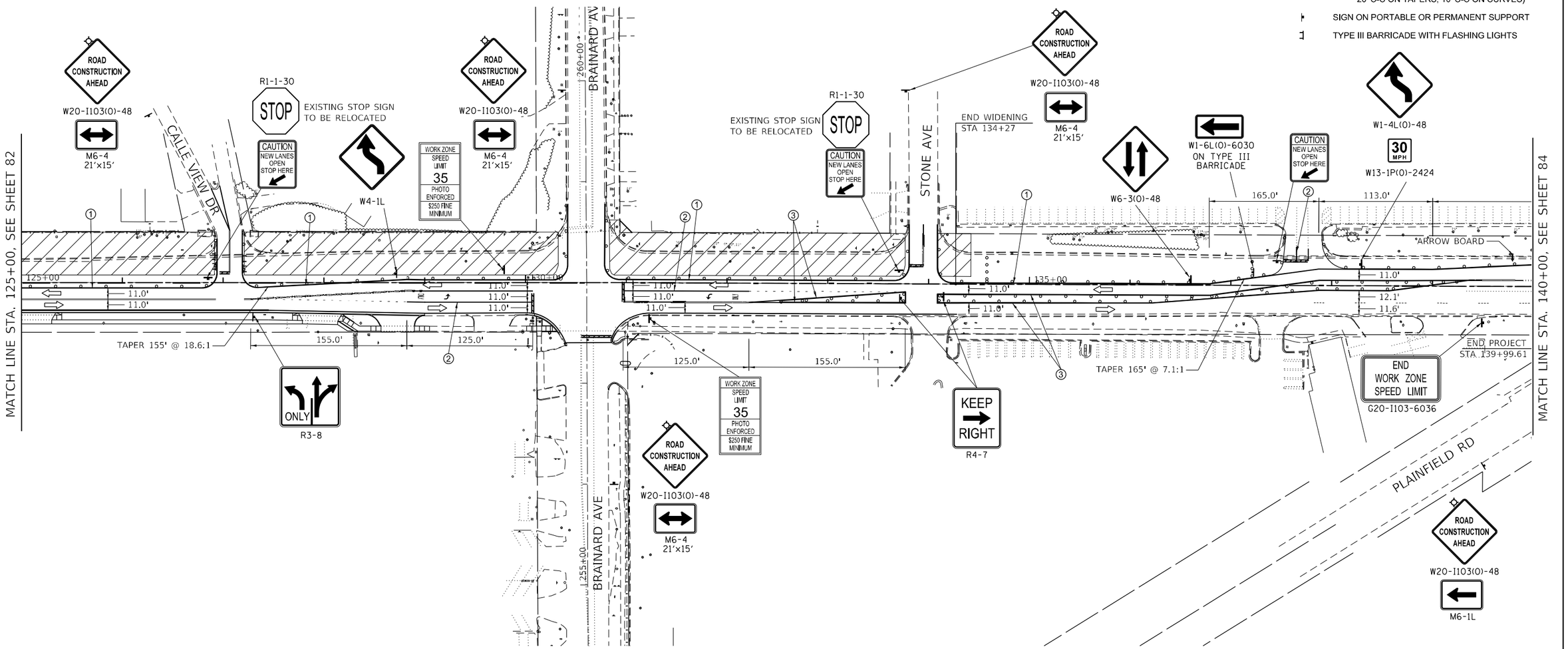
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\900 Drawings\302 CADD Sheets\D1862G37-sht-staging13.dgn

| | | | | |
|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0260 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | | DRAWN - JTF | REVISED - | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**MAINTENANCE OF TRAFFIC – STAGE 2**
**55TH STREET**

SCALE: 1" = 50' | SHEET 16 OF 24 SHEETS | STA. 125+00 TO STA. 140+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 83 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

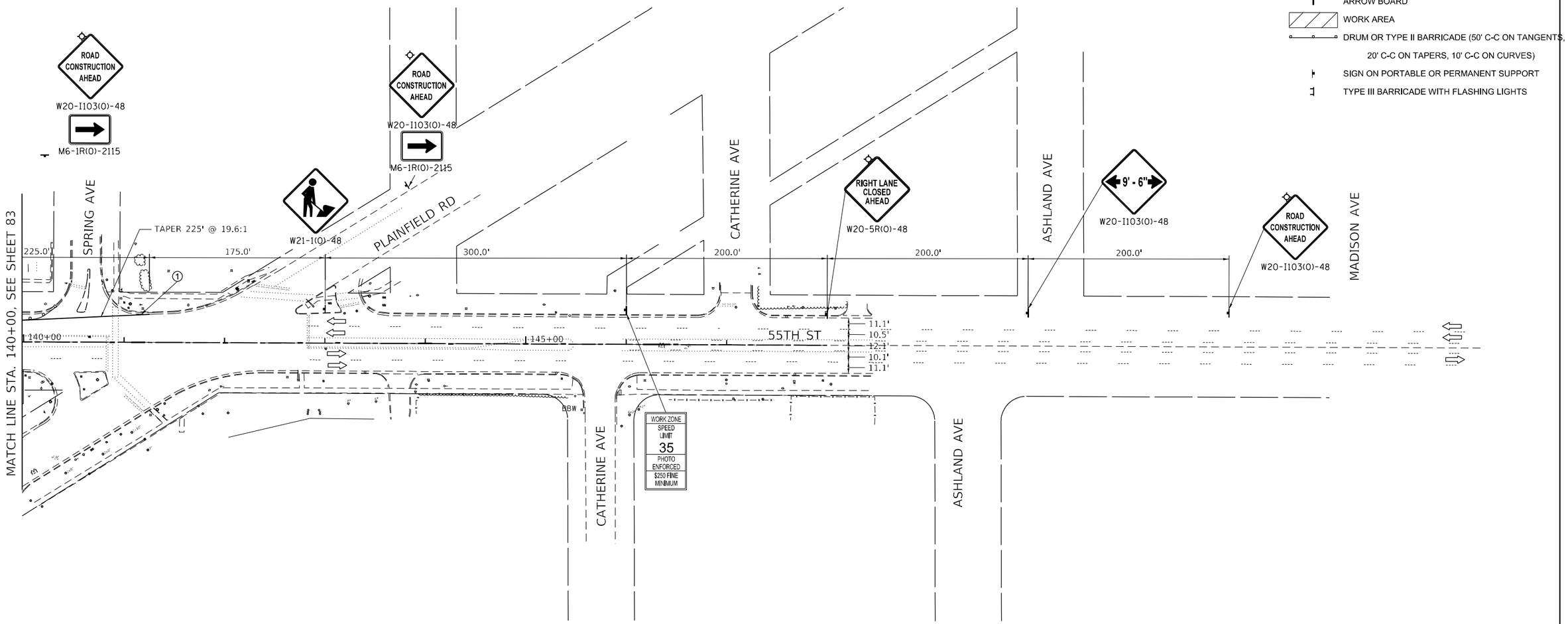
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\062G37-sht-stpdng14.dgn

| | | | | |
|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0360 www.bowmanus.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | | DRAWN - JTF | REVISED - | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**MAINTENANCE OF TRAFFIC – STAGE 2**
**55TH STREET**

SCALE: 1" = 50' | SHEET 17 OF 24 SHEETS | STA. 140+00 | TO STA. 148+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 84 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

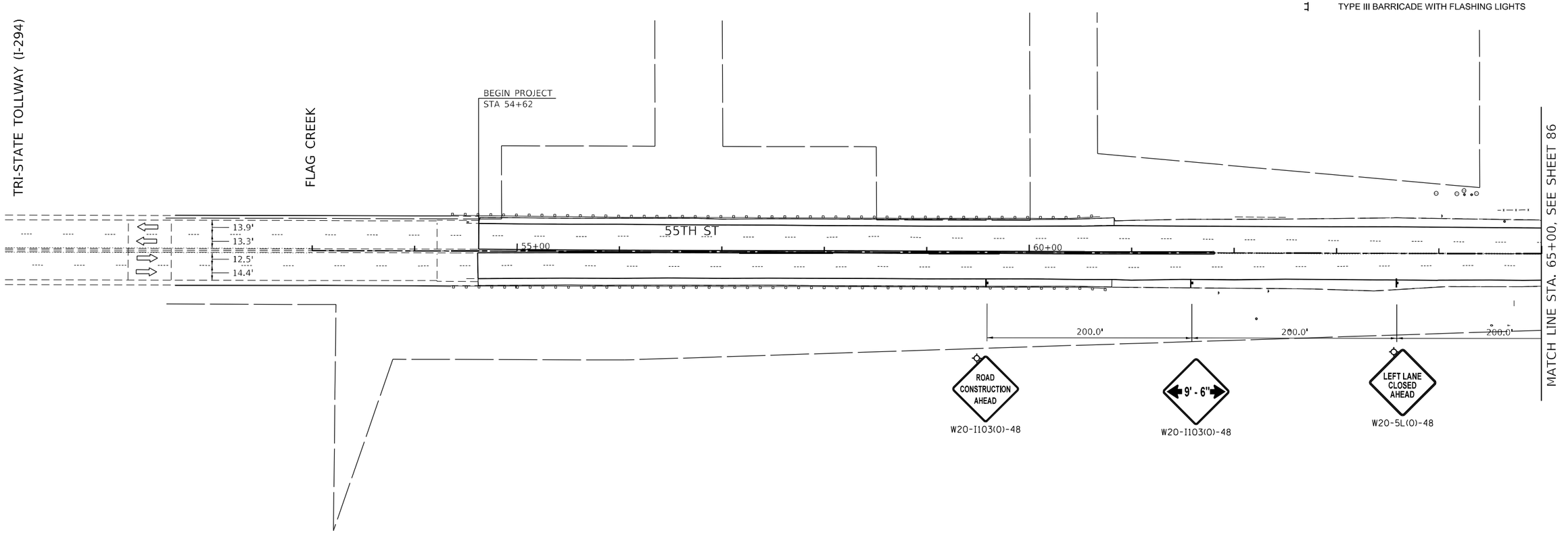
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-staging15.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 3**
**55TH STREET**

SCALE: 1" = 50' | SHEET 18 OF 24 SHEETS | STA. 53+00 TO STA. 85+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 85 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - (1)
- WHITE 6" LINE - (2)
- YELLOW 4" LINE - (3)
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

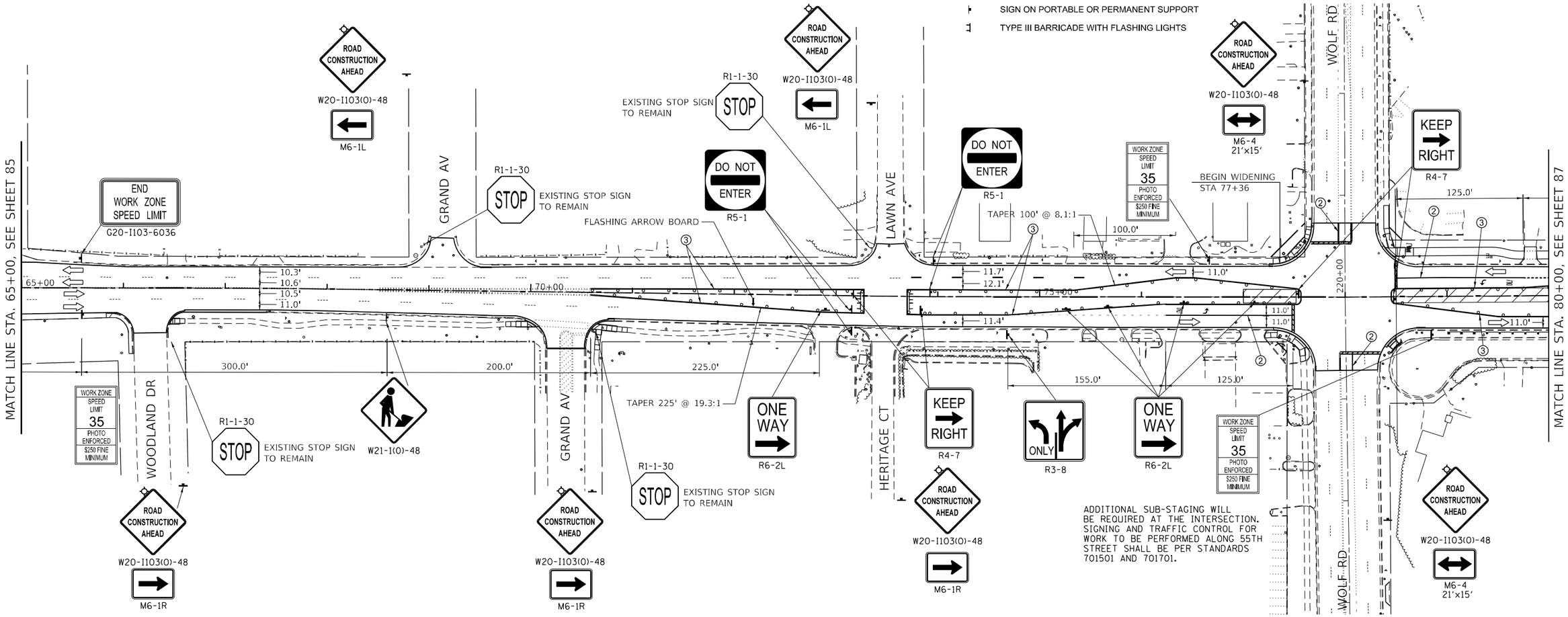
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\900 Drawings\502 CADD Sheets\D162G37-sht-staging16.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 3**
**55TH STREET**

SCALE: 1" = 50' | SHEET 19 OF 24 SHEETS | STA. 65+00 TO STA. 80+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 86 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

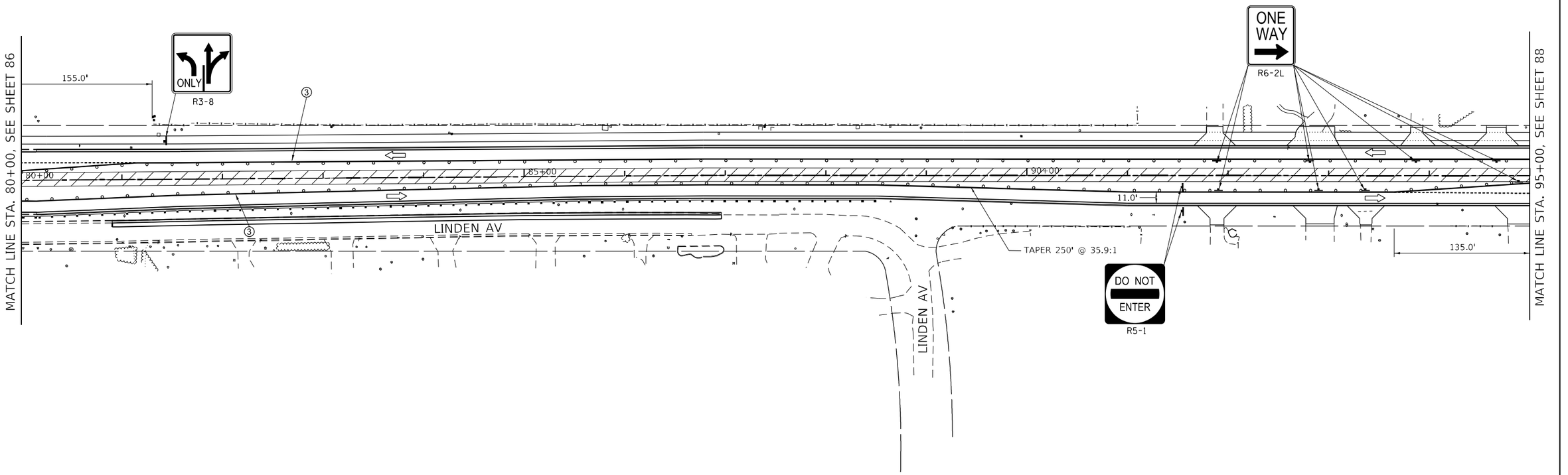
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\62G37-sht-staging17.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 3**
**55TH STREET**

SCALE: 1" = 50' | SHEET 20 OF 24 SHEETS | STA. 80+00 TO STA. 95+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 87 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - (1)
- WHITE 6" LINE - (2)
- YELLOW 4" LINE - (3)
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

N

0 50 100 150
SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS

MATCH LINE STA. 95+00, SEE SHEET 87

MATCH LINE STA. 110+00, SEE SHEET 89

54TH PL

WILLOW SPRING RD

NORTHWEST CT

NORTHEAST CT

SOUTHWEST CT

SOUTHEAST CT

LAUREL AV

ROAD CONSTRUCTION AHEAD
W20-I103(0)-48
M6-4
21'x15'

KEEP RIGHT
R4-7

ONLY
R3-8

DO NOT ENTER
R5-1

ONE WAY
R6-2L

R1-1-30
STOP
EXISTING STOP SIGN TO BE RELOCATED

WORK ZONE SPEED LIMIT 35 PHOTO ENFORCED $250 FINE MINIMUM

ADDITIONAL SUB-STAGING WILL BE REQUIRED AT THE INTERSECTION. SIGNING AND TRAFFIC CONTROL FOR WORK TO BE PERFORMED ALONG 55TH STREET SHALL BE PER STANDARDS 701501 AND 701701.

95+00 100+00 105+00 235+00

115.0' 135.0' 125.0'

10.0' 11.0' 10.5' 12.0'

Bowman
10 S. LaSalle Street, Suite 2710
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-staging18.dgn

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE 3**
**55TH STREET**

SCALE: 1" = 50' | SHEET 21 OF 24 SHEETS | STA. 95+00 TO STA. 148+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 88 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

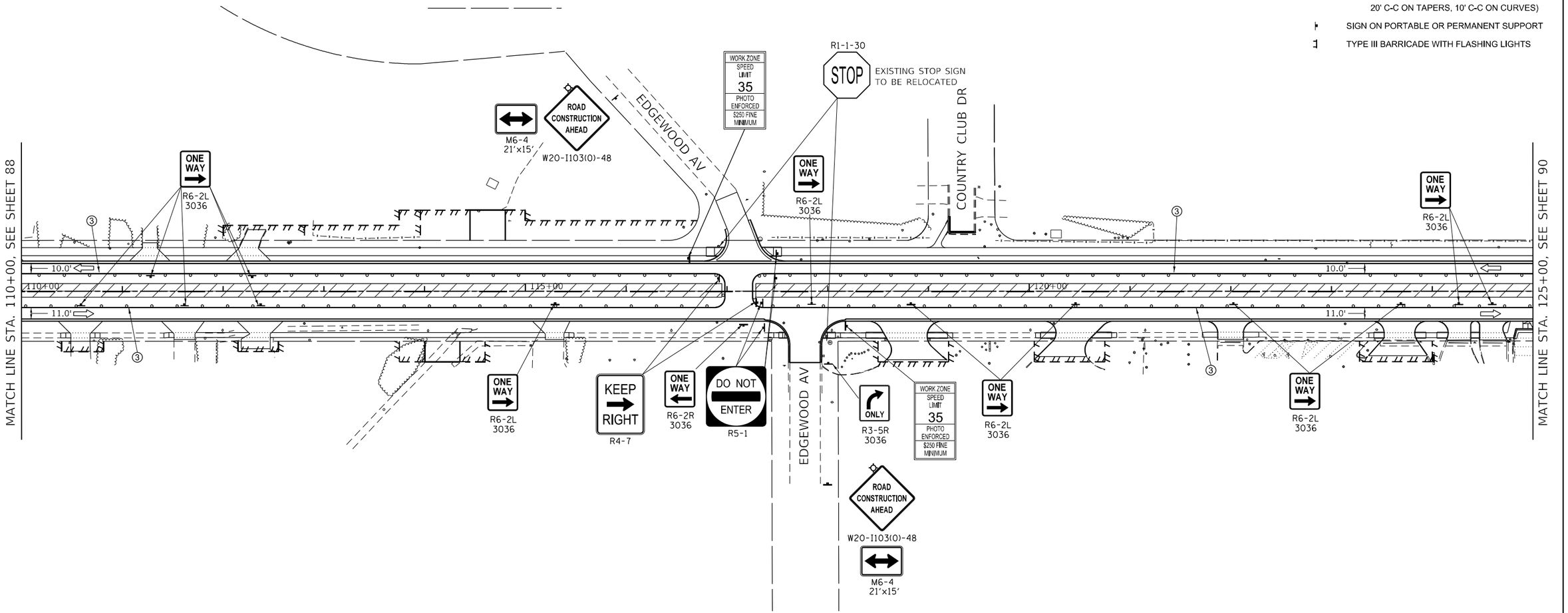
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\500 Drawings\50 C&DD Sheets\D182G37-4th-staging10.dgn

| | | | | |
|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-434-0360 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | **STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** |
| | | DRAWN - JTF | REVISED - | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**MAINTENANCE OF TRAFFIC – STAGE 3**
**55TH STREET**

SCALE: 1" = 50' | SHEET 22 OF 24 SHEETS | STA. 110+00 TO STA. 125+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 89 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

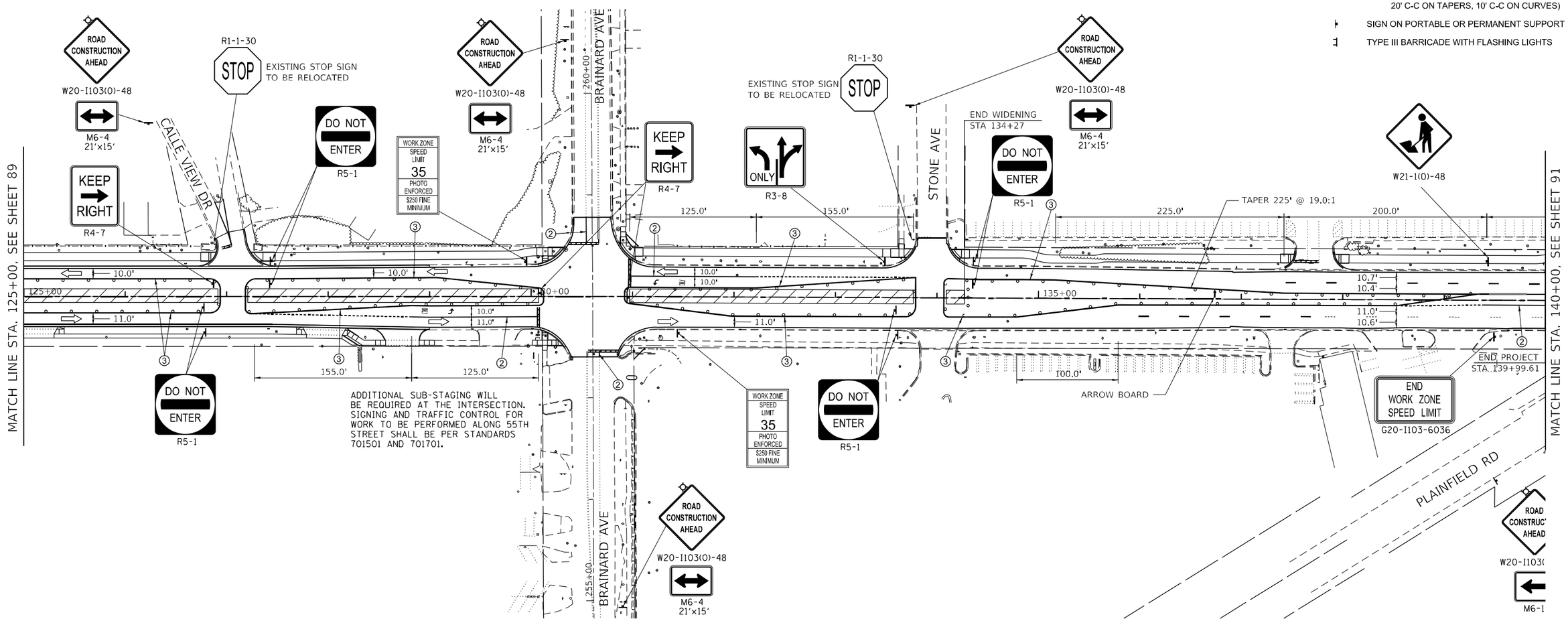
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




MODEL: Default
FILE NAME: X:\900 Drawings\302 CADD Sheets\D162G37-sht-staging20.dgn

| | | | | | |
|---|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0260 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | **STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** | **MAINTENANCE OF TRAFFIC – STAGE 3** **55TH STREET** |
| | | DRAWN - JTF | REVISED - | | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | | SCALE: 1" = 50' \| SHEET 23 OF 24 SHEETS \| STA. 125+00 TO STA. 140+00 |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 90 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## TEMPORARY PAVEMENT MARKING LEGEND

- WHITE 4" LINE - ①
- WHITE 6" LINE - ②
- YELLOW 4" LINE - ③
- WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- DOUBLE YELLOW 4" LINE
- WHITE 24" LINE
- WHITE LETTERS AND SYMBOLS

(ALL TEMPORARY MARKINGS TO BE TAPE, TYPE IV)

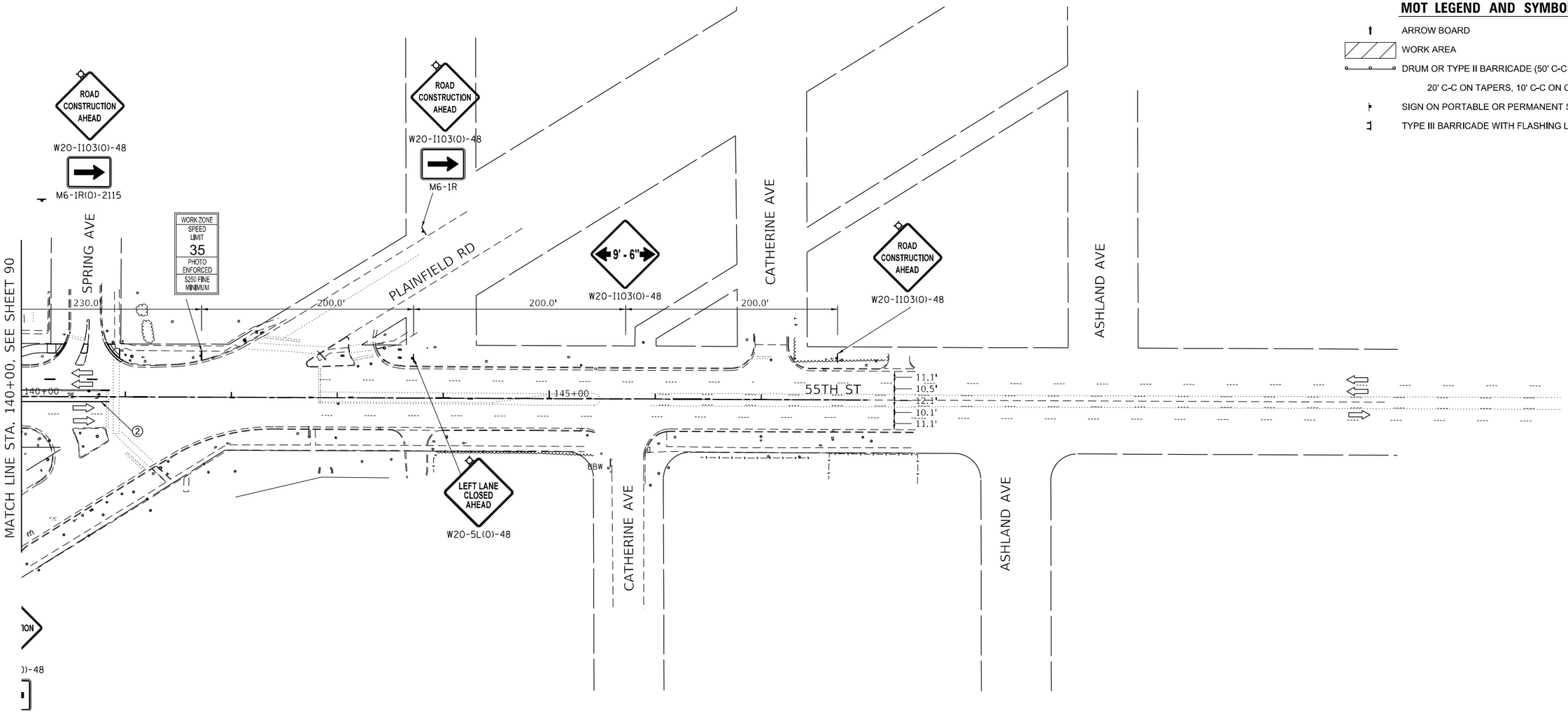
N

0 50 100 150

SCALE IN FEET

## MOT LEGEND AND SYMBOLS

- ARROW BOARD
- WORK AREA
- DRUM OR TYPE II BARRICADE (50' C-C ON TANGENTS, 20' C-C ON TAPERS, 10' C-C ON CURVES)
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS




| | | | | | |
|---|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-494-0360 www.bowmanus.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINTENANCE OF TRAFFIC – STAGE 3 55TH STREET |
| | | DRAWN - JTF | REVISED - | | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | | SCALE: 1" = 50' SHEET 24 OF 24 SHEETS STA. 140+00 TO STA. 148+00 |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 91 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\350 CADD Sheets\D162G37-sht-staging21.dgn

## EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS ON DOWNSTREAM AREAS.

2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.

3. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.

4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.

5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.

6. ALL PERMANENT SEDIMENT BASINS, PERMANENT STORM WATER CONTROL MEASURES, AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE PROCEEDS. PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON A PROJECT THE CONTRACTOR WILL OBTAIN APPROVAL OF HIS PROPOSED EARTHWORK AND STABILIZATION SCHEDULE.

7. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WITHIN 7 DAYS WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.

8. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

9. STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10 FEET VERTICALLY OR THE FINISHED SLOPE EQUALS 30 FEET, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.

10. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION, INSPECTION, AND MAINTENANCE OF THE REQUIRED MEASURES AND IS TO HAVE TAKEN AN APPROVED EROSION AND SEDIMENT CONTROL COURSE. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER.

11. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

12. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTRUCTION TAB AT: (https://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)

13. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.

14. SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SEDIMENT CONTROL, SILT FENCE, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. TRAPS WILL BE CLEANED WHEN THEY ARE 50% FILLED, SILT FENCE & STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% THE HEIGHT OF THE CONTROL DEVICE. THESE SPOILS WILL BE REMOVED TO AN APPROVED SITE.

15. THE CONTRACTOR SHALL PROVIDE TO THE R.E. A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT BEARING WATERS, ESPECIALLY WHEN RAIN IS FORCASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

16. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSED OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND BEDRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.

17. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE, AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE IN ACCORDANCE WITH MULCH, METHOD 2. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.

18. MATERIALS EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN THE VICINITY OF THE TRAP OR BASIN. IT WILL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.

19. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COSTS OF THE CONTROLS.

20. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.

21. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THE FOLLOWING CONDITIONS ARE MET:

    (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.

    (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH.

    (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.

22. SEEDING USAGE

    CLASS 2A SALT TOLERANT ROADSIDE MIX USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES INTENDED TO BE MOWED BY IDOT.

    CLASS 4 NATIVE GRASS MIX USED FOR NEW CONSTRUCTION IN LOCATIONS NEAR OUTLETS TO AID IN FILTERING RUNOFF.

    TEMPORARY EROSION CONTROL SEEDING : USED IN AREAS REQUIRING SHORT TERM TEMPORARY SEEDING DURING CONSTRUCTION.

23. IN AREAS WHERE A PERMANENT VEGETATIVE COVER IS PRACTICAL AND INCLUDED IN THE CONTRACT DOCUMENTS, A SPECIAL EFFORT SHOULD BE MADE TO ESTABLISH A COVER AS SOON AS A DISTURBED AREA IS BROUGHT TO FINAL GRADE.

## EROSION AND SEDIMENT CONTROL STRATEGY

RECIEVING WATERS: FLAGG CREEK, DES PLAINES RIVER TRIBUTARY A

1. INSTALL PERIMETER EROSION BARRIER AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLANS.

2. INSTALL INLET PROTECTION ON DRAINAGE STRUCTURES WITH OPEN LIDS.

3. INSTALL INLET PROTECTION AT ALL PROPOSED INLETS, AND CATCH BASINS IMMEDIATELY FOLLOWING CONSTRUCTION OF PROPOSED DRAINAGE FACILITIES.

4. PROVIDE TEMPORARY STABILIZATION TO ALL DISTURBED AREAS AS REQUIRED.

5. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES BEFORE LANDSCAPING OPERATIONS.

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 08/30/2019 | REVISED - | |

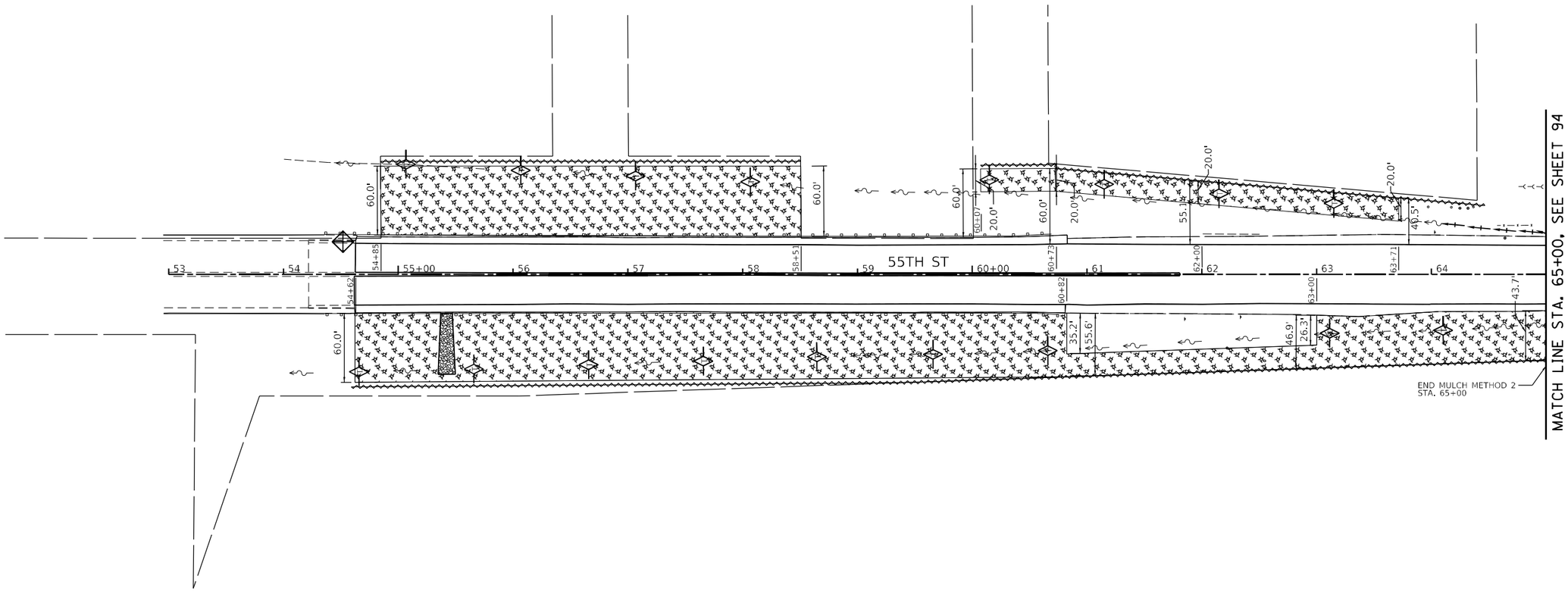
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL GENERAL NOTES**

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 92 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\900 Drawings\302 CADD Sheets\D1862G37-sht-erosion-gennotes.dgn




**LEGEND**

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- MULCH METHOD 2

0 50 100 150
SCALE IN FEET

MODEL: Default
FILE NAME: X:\500 Drawings\3D CADD Sheets\D162G37-sht-erosion01.dgn


Bowman
10 S. LaSalle Street, Suite 2100
Chicago, Illinois 60603
312-454-0360
www.bowman.com

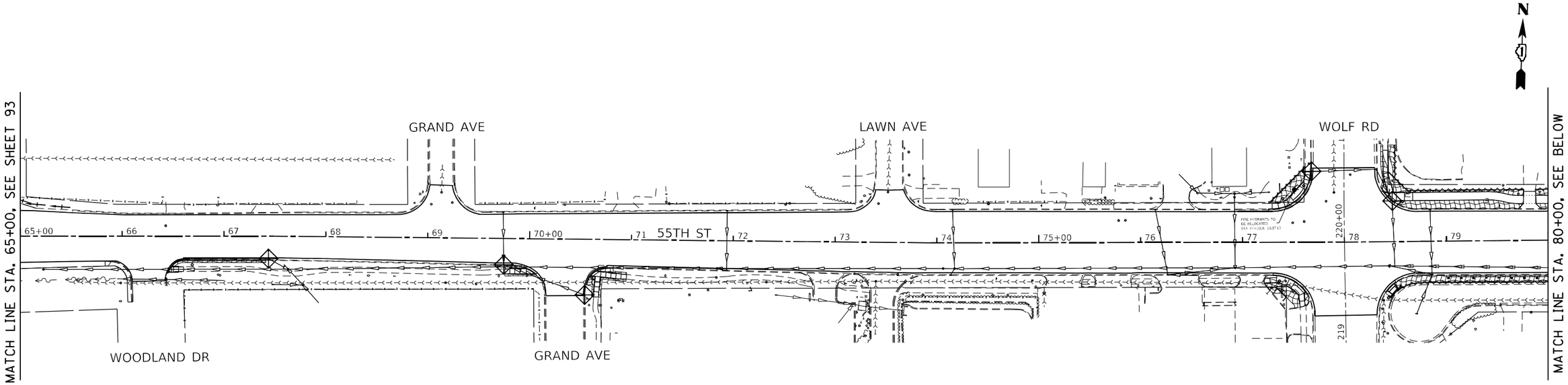

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 3/24/2023 | REVISED - |

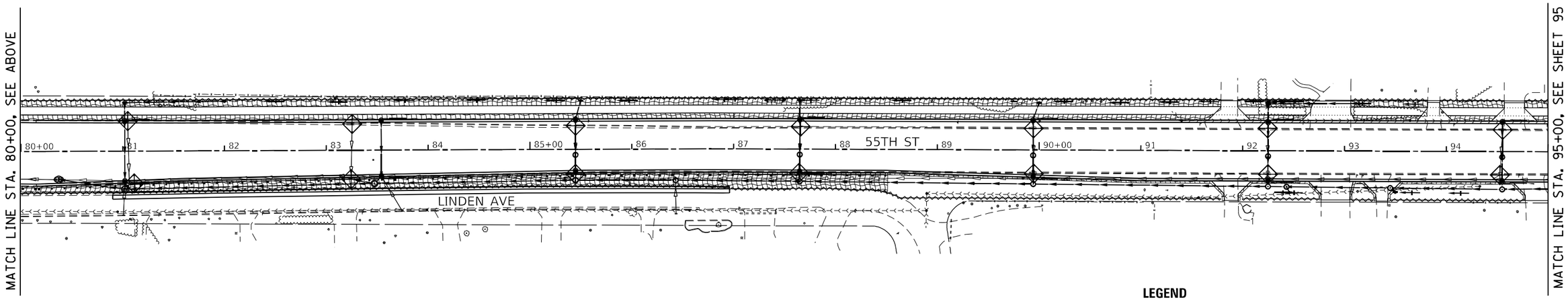
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 1 OF 5 SHEETS | STA. 53+00 TO STA. 65+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 93 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




**LEGEND**

- INLET FILTER
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET

0 50 100 150
SCALE IN FEET

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-erosdet02.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

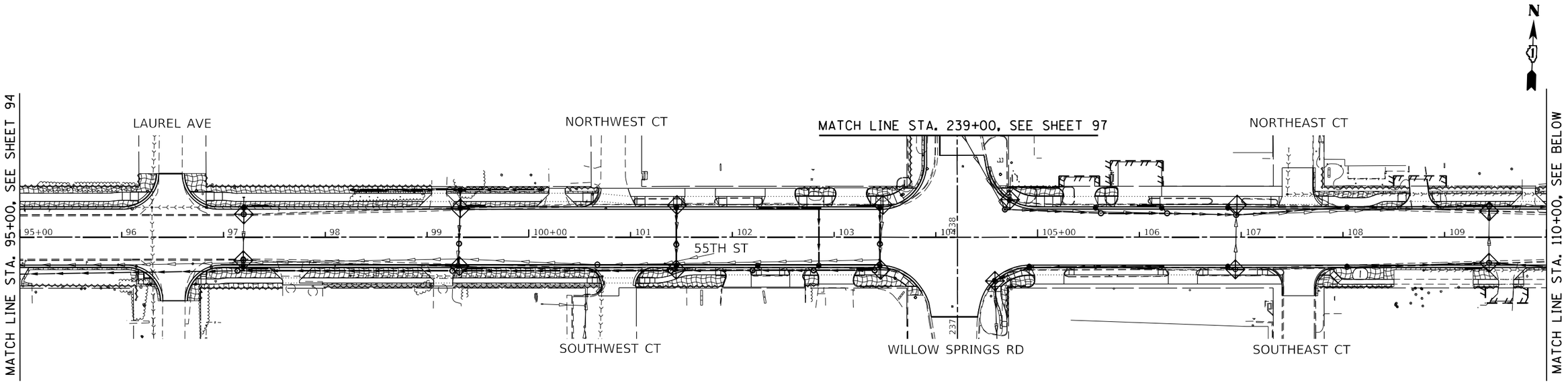
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - |
| | DRAWN - JRD | REVISED - |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 3/24/2023 | REVISED - |

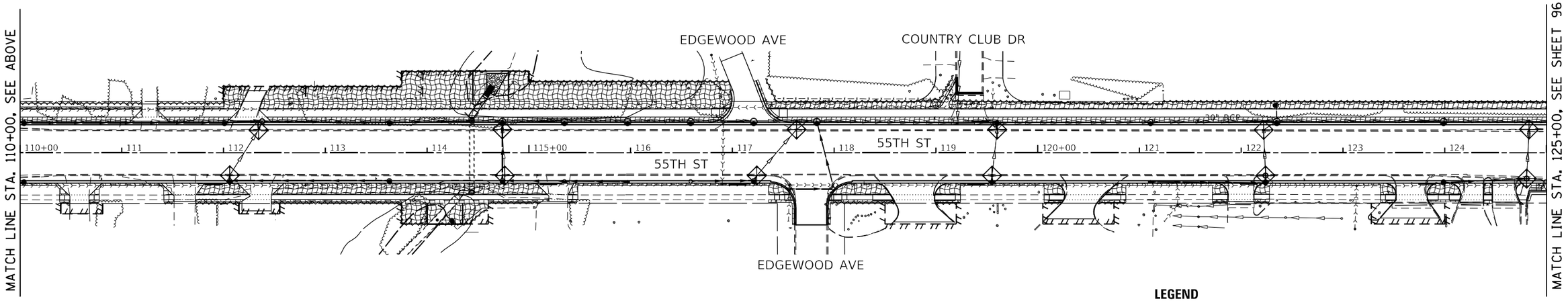
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 2 OF 5 SHEETS | STA. 65+00 TO STA. 95+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 94 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




**LEGEND**

- INLET FILTER
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET

0 50 100 150
SCALE IN FEET

MODEL: Default
FILE NAME: X:\900 Drawings\302 CADD Sheets\D162G37-sht-erosion03.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

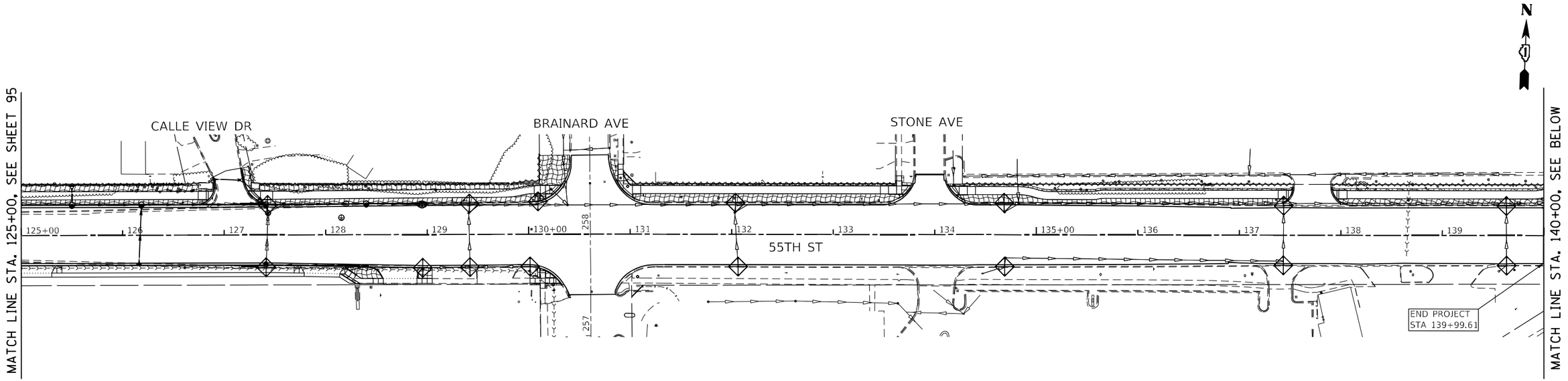
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - |
| | DRAWN - JRD | REVISED - |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 3/24/2023 | REVISED - |

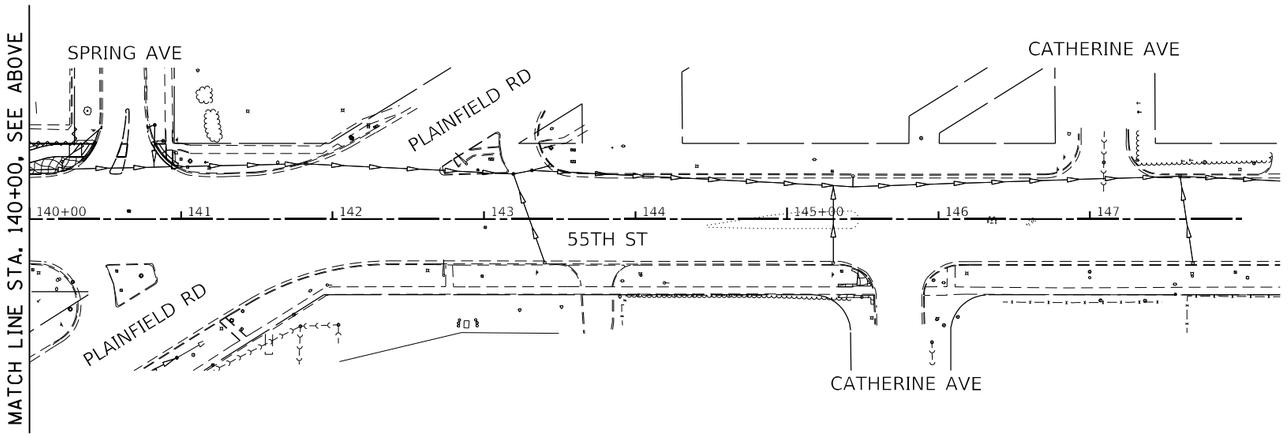
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 3 OF 5 SHEETS | STA. 95+00 TO STA. 125+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 95 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




**LEGEND**

- INLET FILTER
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET

0 50 100 150
SCALE IN FEET

MODEL: Default
FILE NAME: X:\500 Drawings\502 C&DD Sheets\D162G37-sht-erosion04.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0100
www.bowman.com

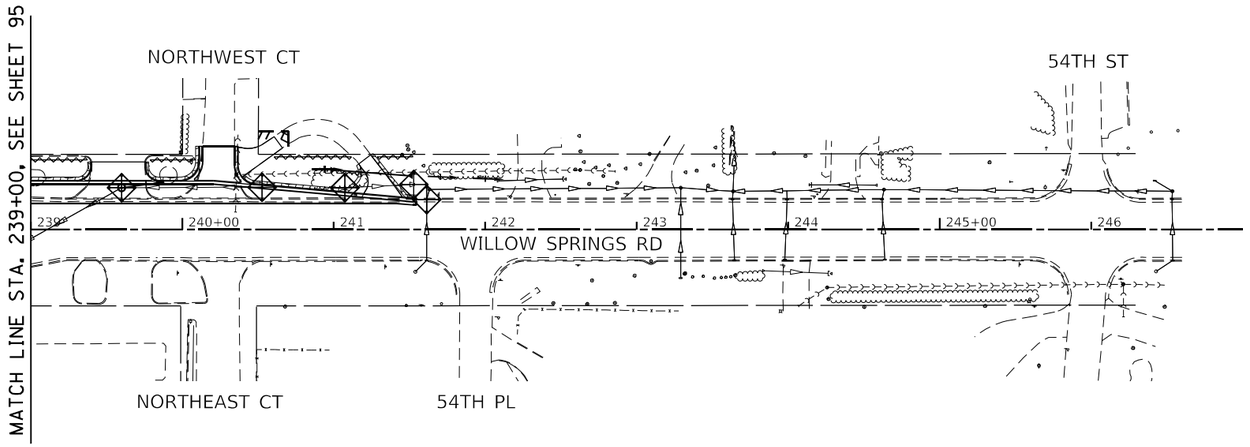
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - JRD | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 3/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 4 OF 5 SHEETS | STA. 125+00 TO STA. END

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 96 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




**LEGEND**

- INLET FILTER
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET

0 50 100 150
SCALE IN FEET

MODEL: Default
FILE NAME: X:\500 Drawings\502 C40D Sheets\D1862G37-sht-erosion05.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0400
www.bowman.com

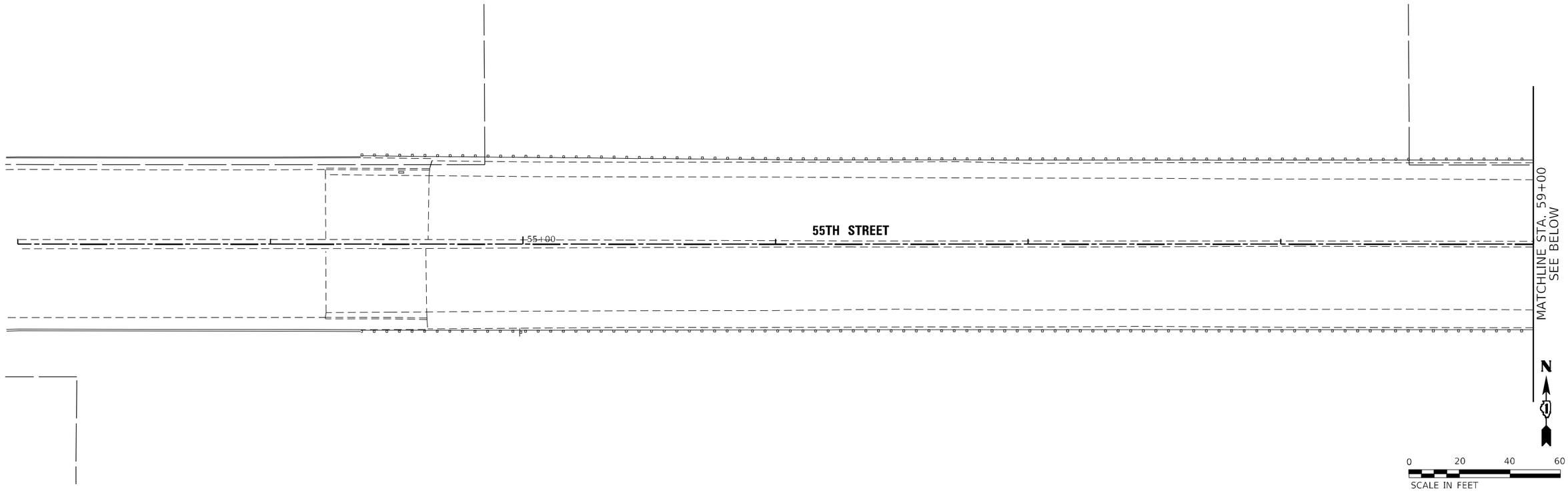
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - JRD | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 3/24/2023 | REVISED - | |

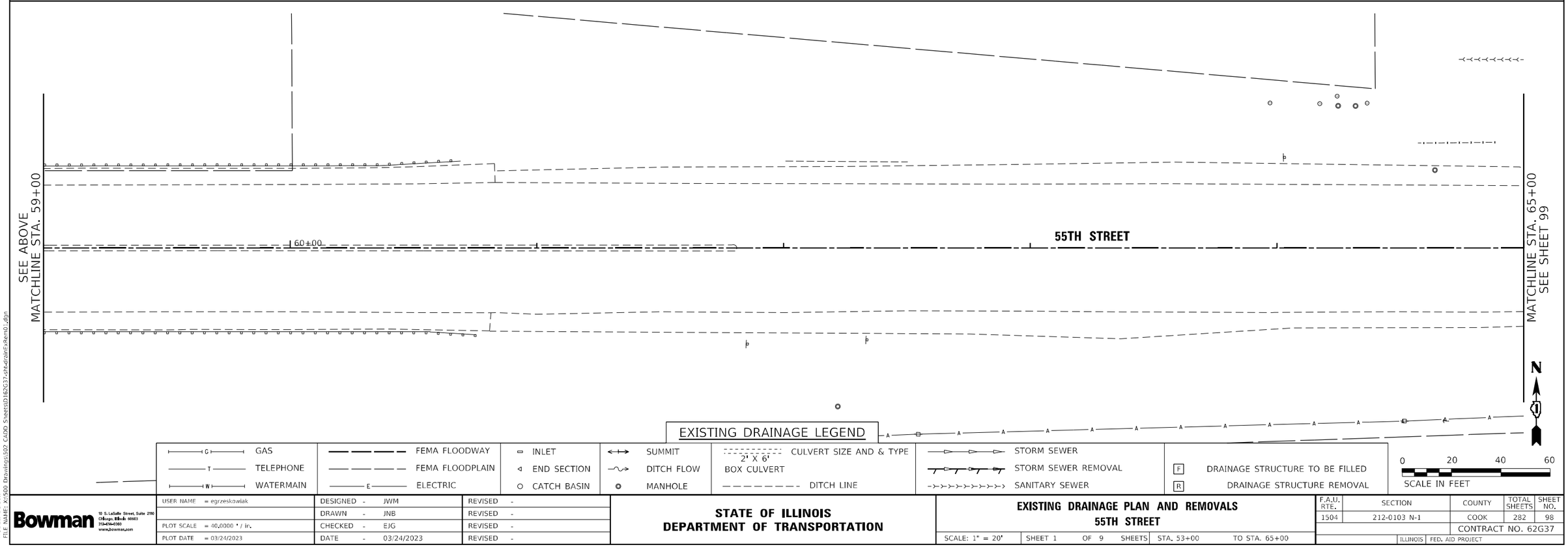
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**
**WILLOW SPRINGS ROAD**

SCALE: 1" = 50' | SHEET 5 OF 5 SHEETS | STA. 239+00 TO STA. 247+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 97 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




EXISTING DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET | SUMMIT | 2' X 6' BOX CULVERT — CULVERT SIZE AND & TYPE | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | STORM SEWER REMOVAL |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | SANITARY SEWER |

F DRAINAGE STRUCTURE TO BE FILLED
R DRAINAGE STRUCTURE REMOVAL

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-drainExRem0.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

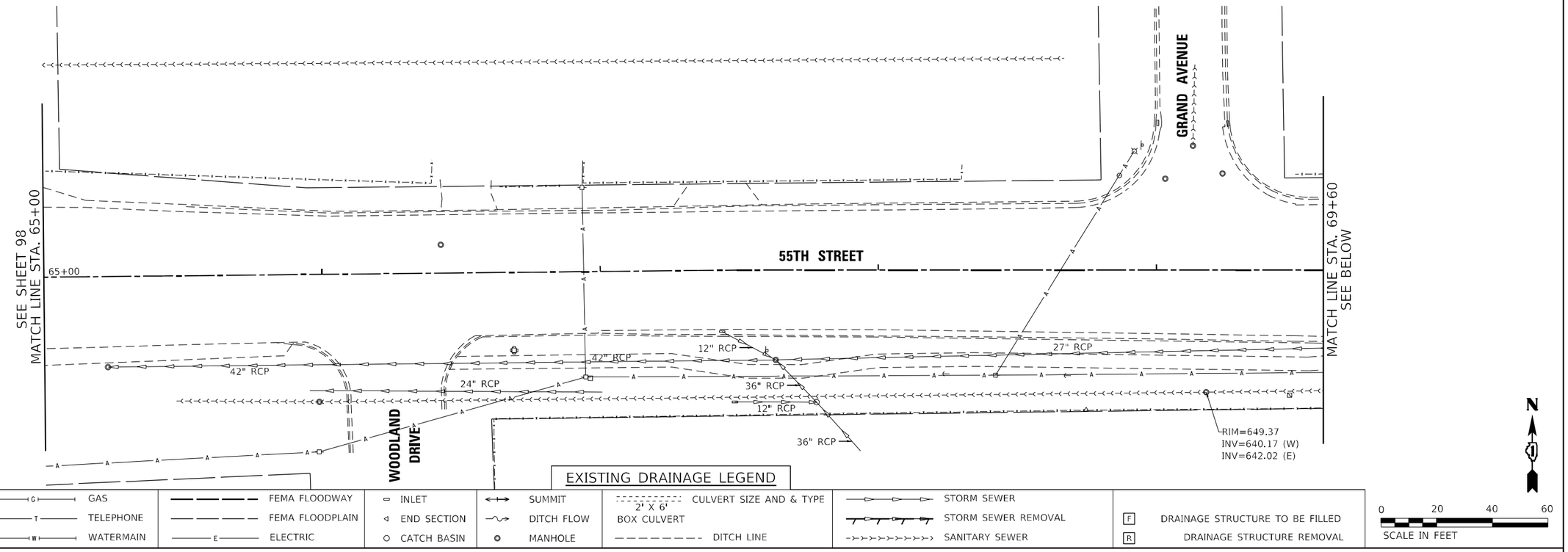
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - |
| | DRAWN - JNB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 1 OF 9 SHEETS | STA. 53+00 TO STA. 65+00

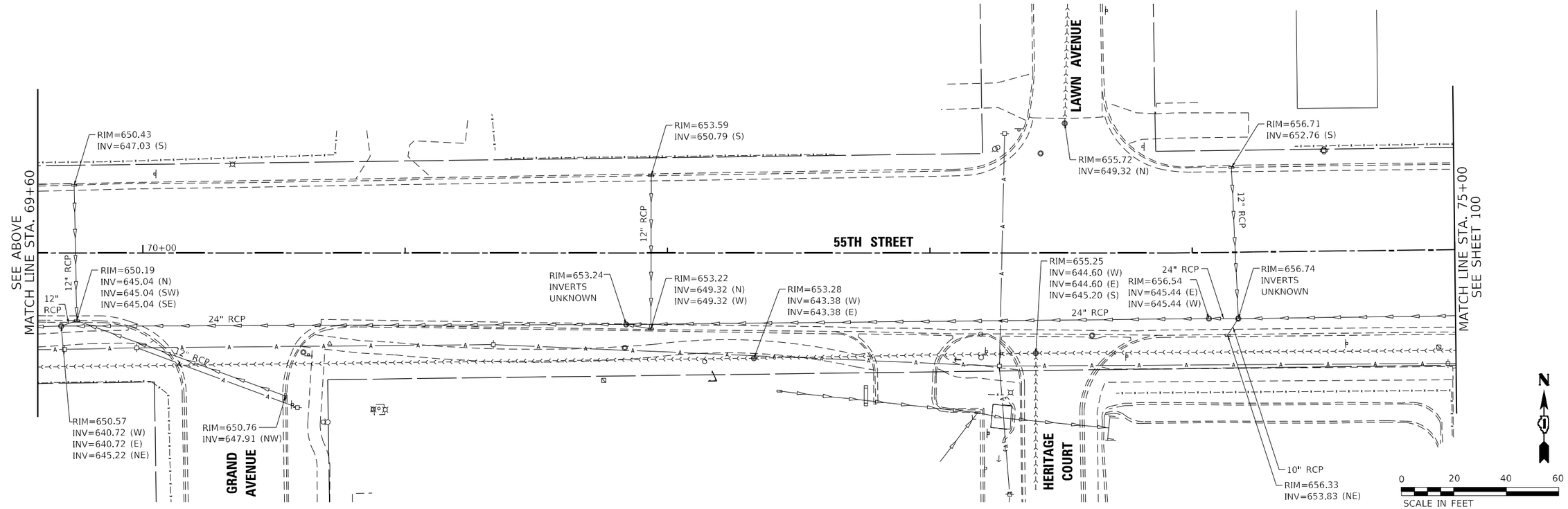
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 98 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




EXISTING DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| GAS | FEMA FLOODWAY | INLET | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | STORM SEWER REMOVAL |
| WATERMAIN | ELECTRIC | CATCH BASIN | MANHOLE | | SANITARY SEWER |

F DRAINAGE STRUCTURE TO BE FILLED
R DRAINAGE STRUCTURE REMOVAL




MODEL: Default
FILE NAME: X:\500 Drawings\SD Cadd Sheets\D162G37-sht-dgnFiles\ExRem02.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowman.com

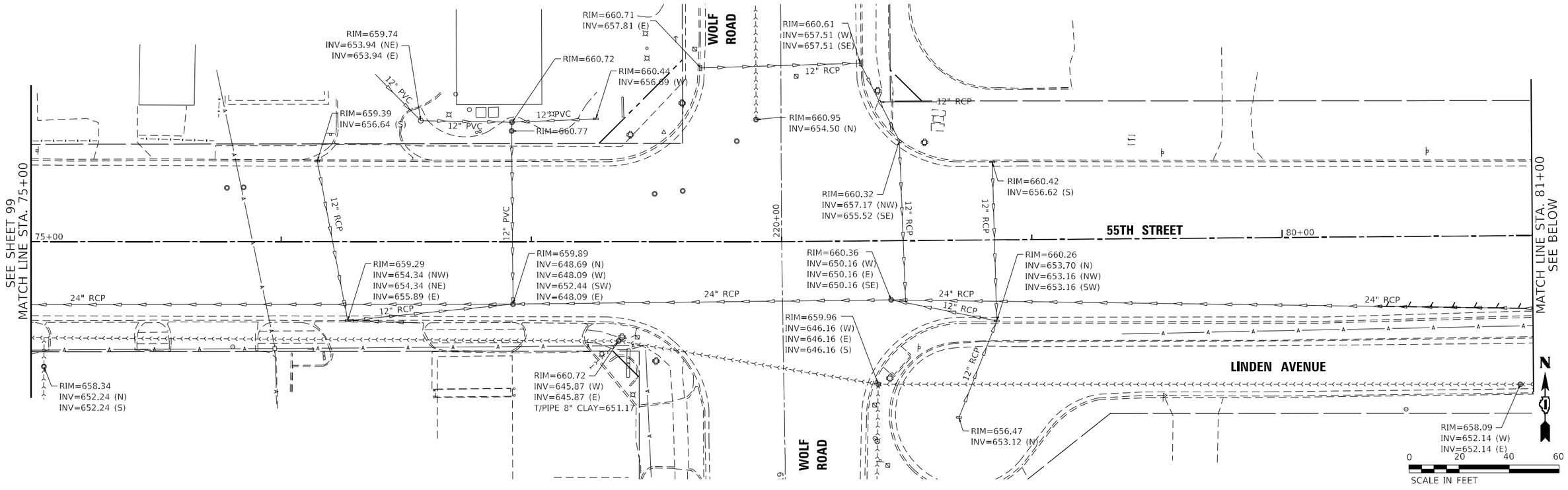
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - |
| | DRAWN - JNB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 2 OF 9 SHEETS | STA. 65+00 TO STA. 75+00

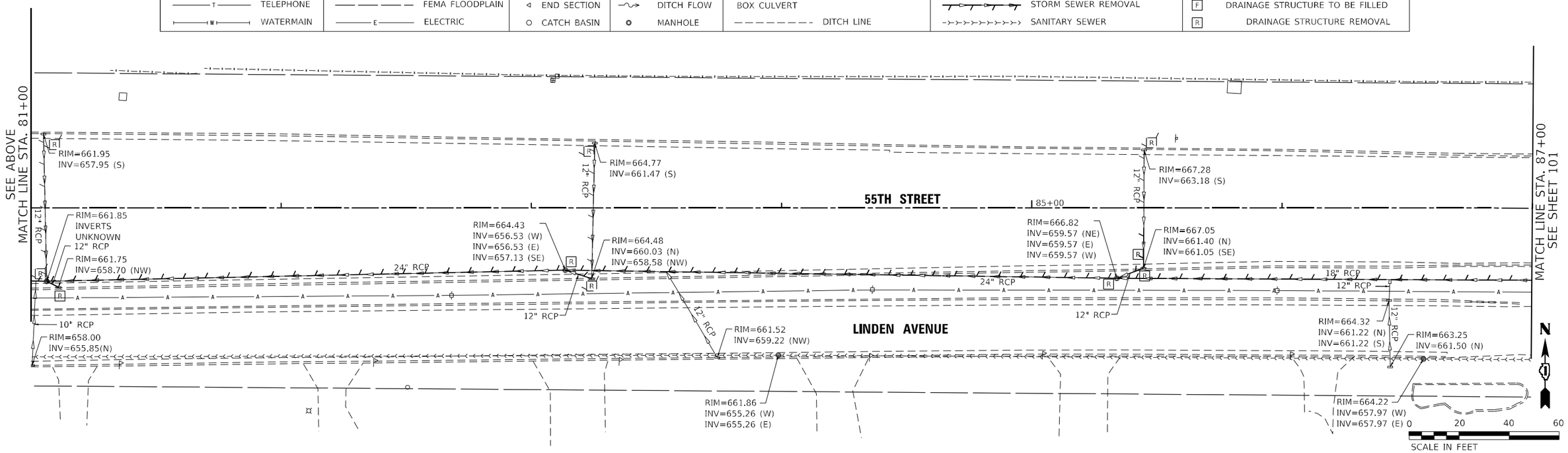
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 99 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




## EXISTING DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET | SUMMIT | CULVERT SIZE AND & TYPE 2' X 6' BOX CULVERT | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | STORM SEWER REMOVAL |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | | SANITARY SEWER |

F DRAINAGE STRUCTURE TO BE FILLED
R DRAINAGE STRUCTURE REMOVAL




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-drahtExRem03.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

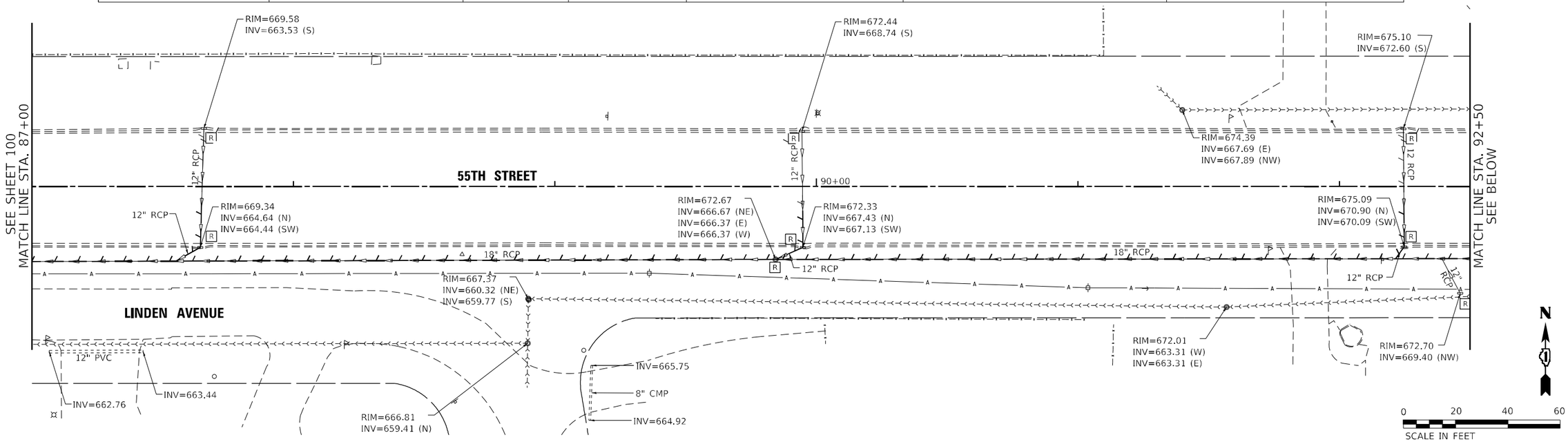
**EXISTING DRAINAGE PLAN AND REMOVALS**
**55TH STREET**

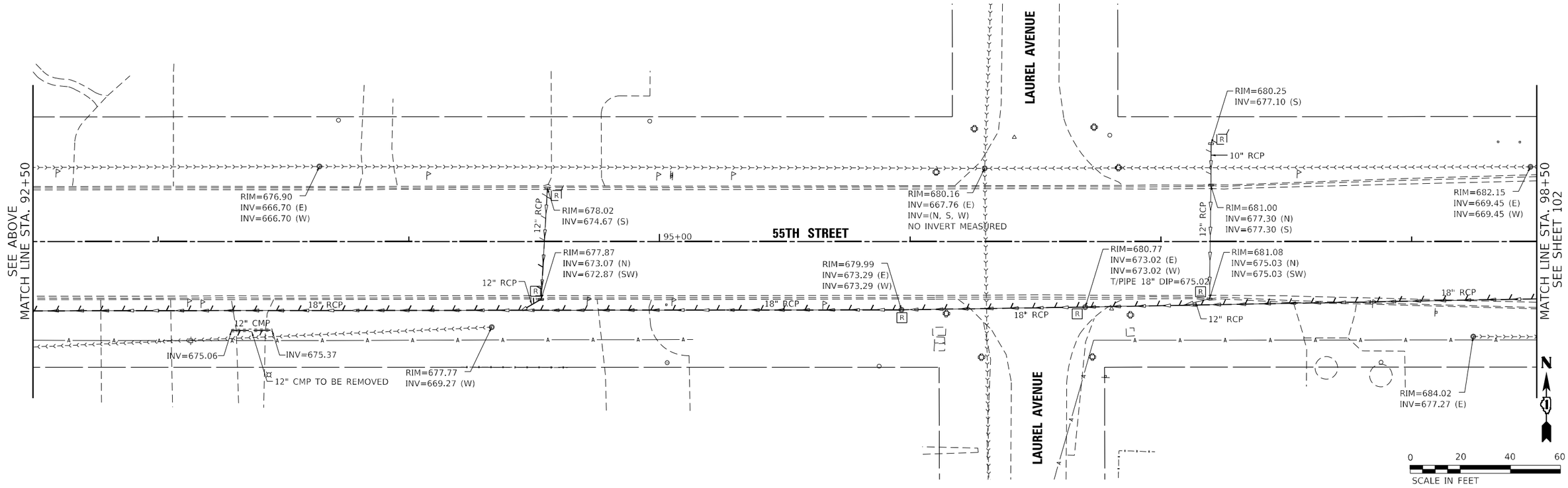
SCALE: 1" = 20' | SHEET 3 OF 9 SHEETS | STA. 75+00 TO STA. 87+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 100 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

## EXISTING DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET | SUMMIT | CULVERT SIZE AND & TYPE | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | 2' X 6' BOX CULVERT | STORM SEWER REMOVAL |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | SANITARY SEWER |
| | | | | | F DRAINAGE STRUCTURE TO BE FILLED |
| | | | | | R DRAINAGE STRUCTURE REMOVAL |




MODEL: Default
FILE NAME: X:\900 Drawings\902 CADD Sheets\D162G37-sht-drahtExRem04.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN AND REMOVALS**
**55TH STREET**

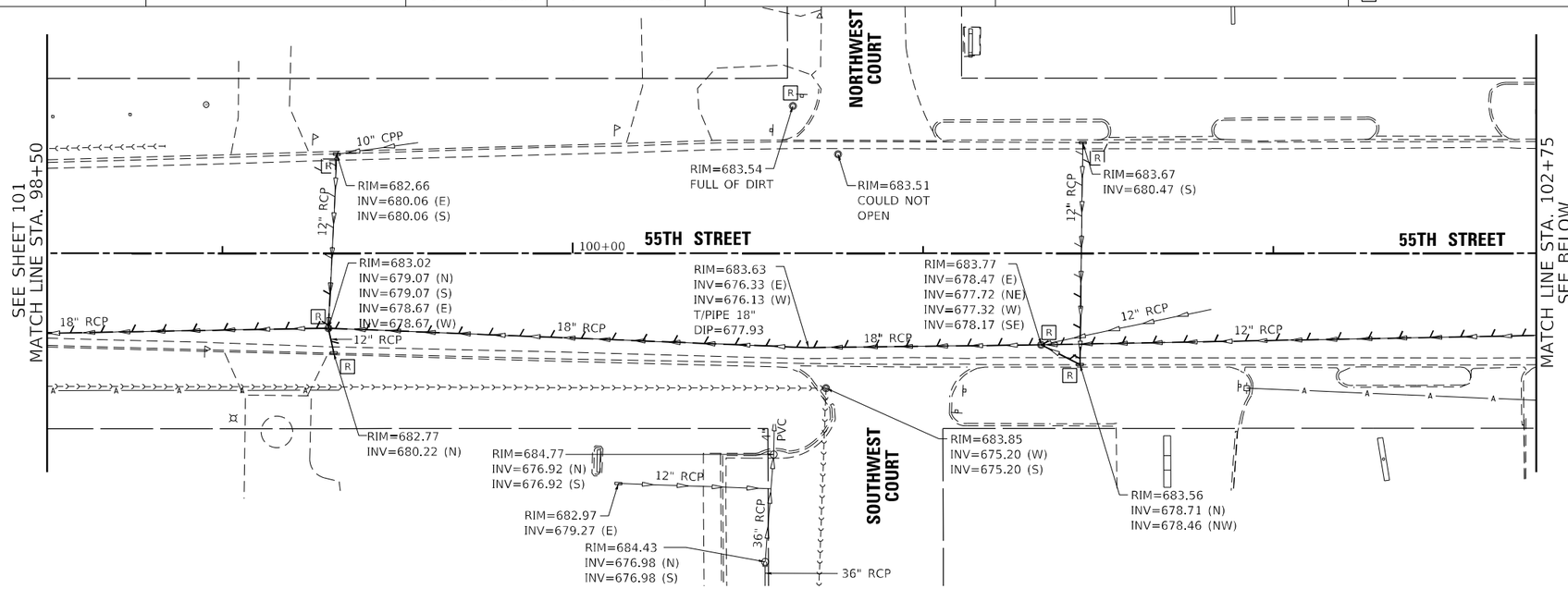
SCALE: 1" = 20' | SHEET 4 OF 9 SHEETS | STA. 87+00 TO STA. 98+50

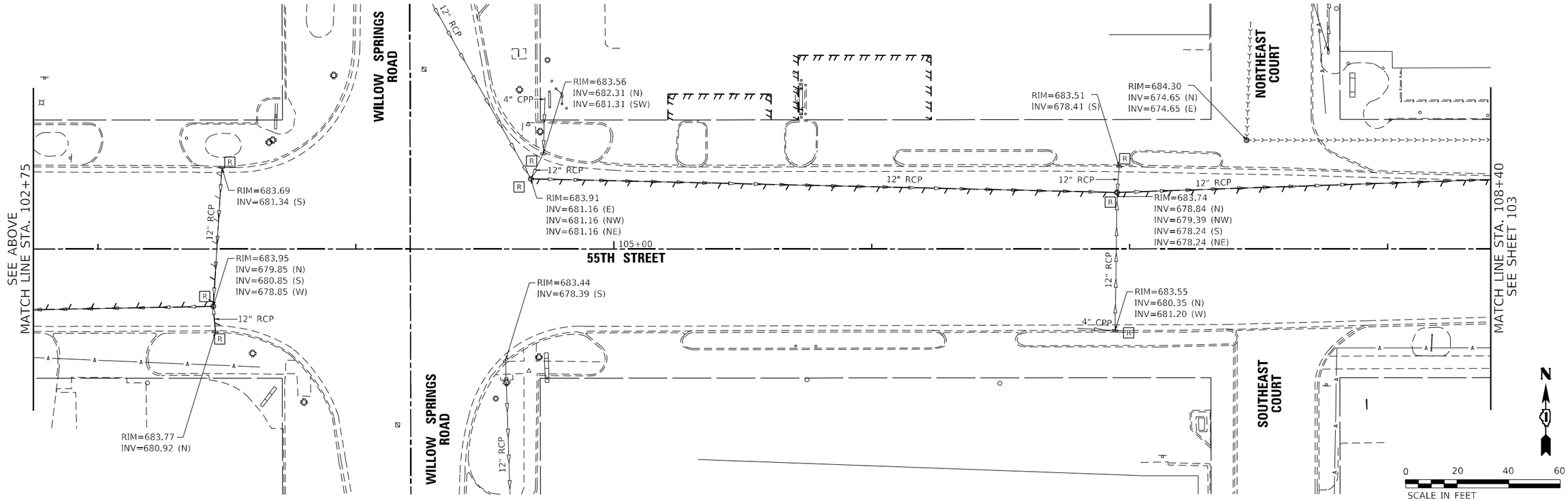
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 101 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

## EXISTING DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET | SUMMIT | CULVERT SIZE AND & TYPE | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | 2' X 6' BOX CULVERT | STORM SEWER REMOVAL |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | SANITARY SEWER |

F DRAINAGE STRUCTURE TO BE FILLED
R DRAINAGE STRUCTURE REMOVAL




MODEL: Default
FILE NAME: X:\500 Drawings\62G37 CADD Sheets\D162G37-sht-drlaExRem05.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0160
www.bowman.com

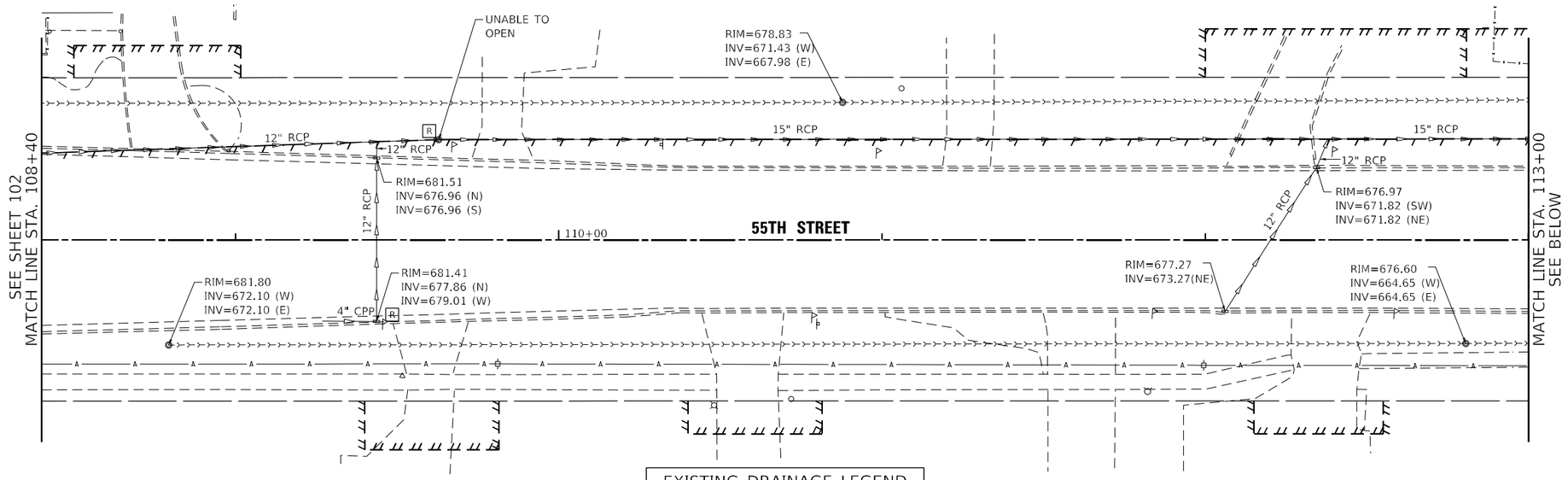
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 5 OF 9 SHEETS | STA. 98+50 TO STA. 108+40

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 102 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |



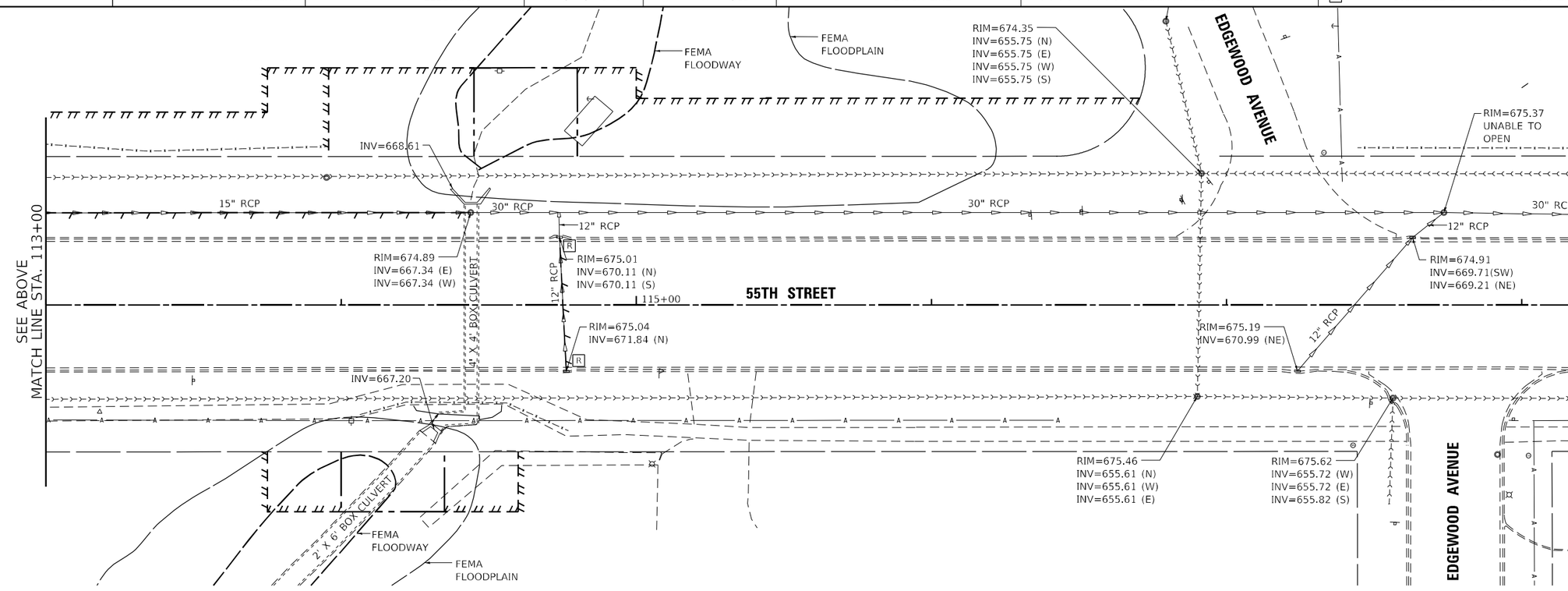

## EXISTING DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| GAS | FEMA FLOODWAY | INLET | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | STORM SEWER REMOVAL |
| WATERMAIN | ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | SANITARY SEWER |

F DRAINAGE STRUCTURE TO BE FILLED
R DRAINAGE STRUCTURE REMOVAL

N

0 20 40 60
SCALE IN FEET




N

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: X:\1500 Drawings\302 CADD Sheets\D162G37-sht-drafit.rem06.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

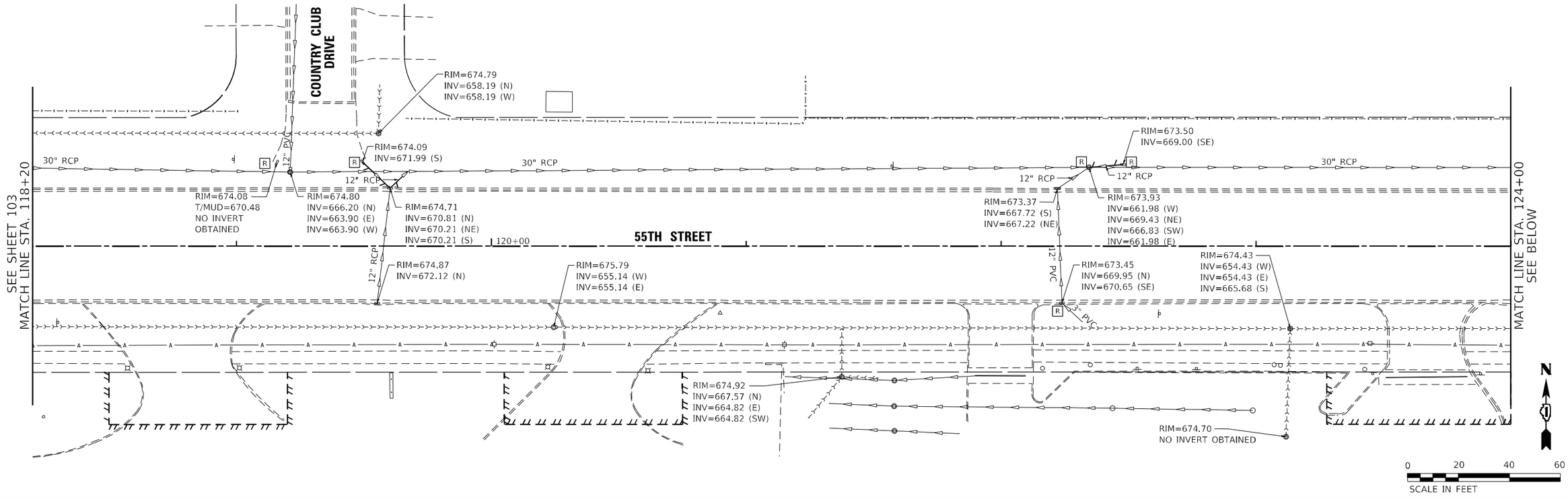
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

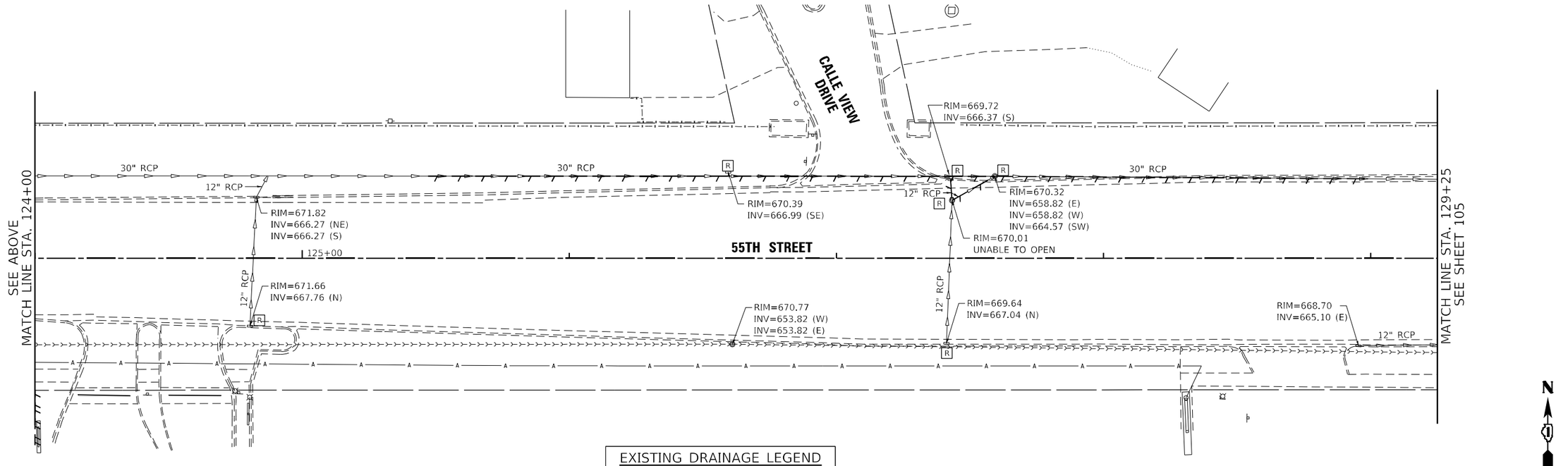
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 6 OF 9 SHEETS | STA. 108+40 TO STA. 118+20

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 103 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




## EXISTING DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G — GAS | FEMA FLOODWAY | INLET | SUMMIT | 2' X 6' CULVERT SIZE AND & TYPE BOX CULVERT | STORM SEWER |
| T — TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | STORM SEWER REMOVAL |
| W — WATERMAIN | E — ELECTRIC | CATCH BASIN | MANHOLE | | SANITARY SEWER |

F — DRAINAGE STRUCTURE TO BE FILLED
R — DRAINAGE STRUCTURE REMOVAL

0 20 40 60
SCALE IN FEET


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com


| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - |
| | DRAWN - JNB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

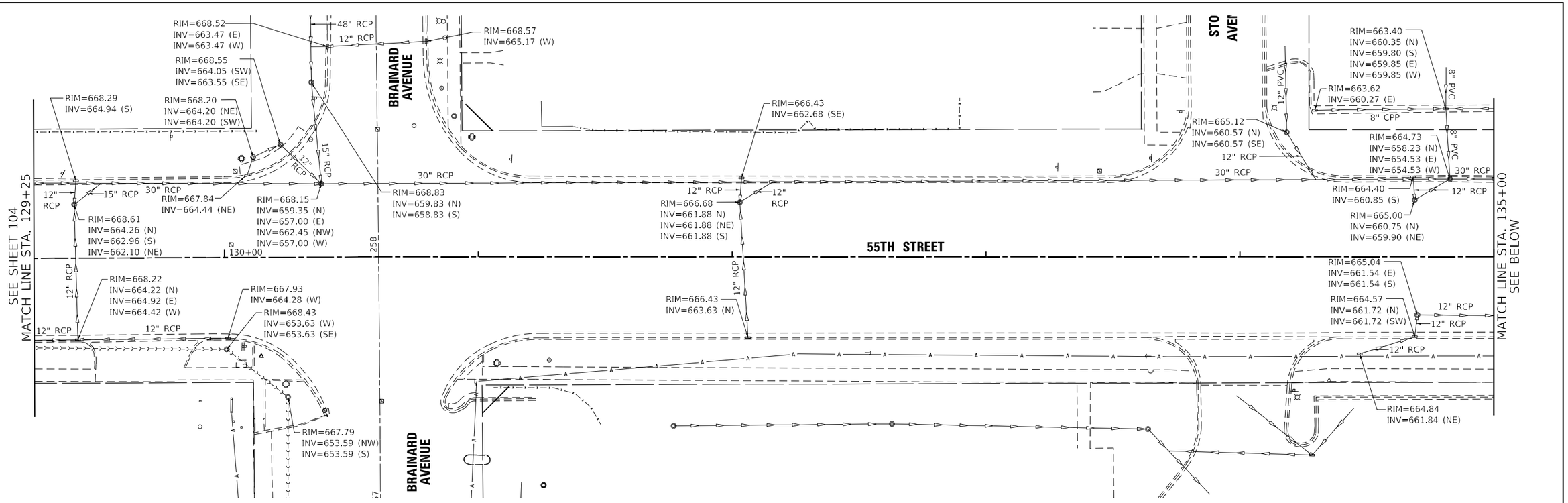
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 7 OF 9 SHEETS | STA. 118+20 TO STA. 129+25

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 104 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

MODEL: Default
FILE NAME: X:\IDOT Drawings\302 CADD Sheets\D162G37-sht-drainExRem07.dgn




## EXISTING DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G — GAS | FEMA FLOODWAY | INLET | SUMMIT | CULVERT SIZE AND & TYPE 2' X 6' BOX CULVERT | STORM SEWER |
| T — TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | STORM SEWER REMOVAL |
| W — WATERMAIN | E — ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | SANITARY SEWER |

F — DRAINAGE STRUCTURE TO BE FILLED
R — DRAINAGE STRUCTURE REMOVAL

MODEL: Default
FILE NAME: X:\500 Drawings\502 C&DD Sheets\D162G37-alt-drainExRem08.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

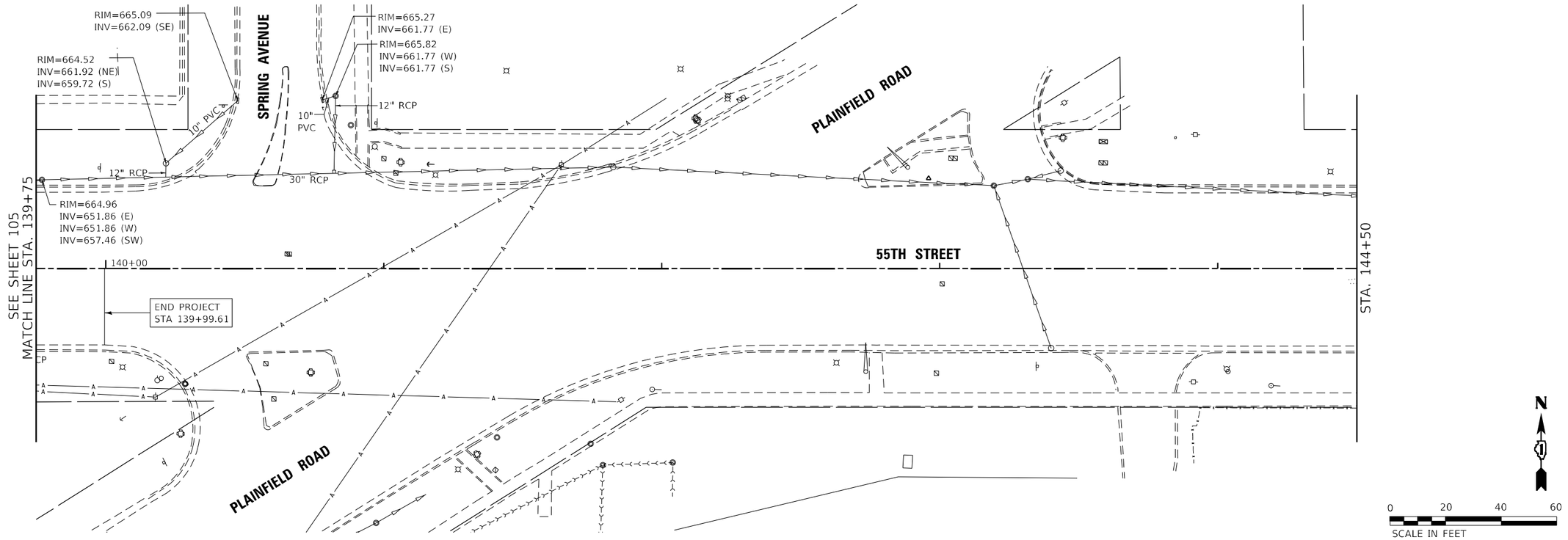
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 8 OF 9 SHEETS | STA. 129+25 TO STA. 139+75

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 105 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




## EXISTING DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G — GAS | FEMA FLOODWAY | INLET | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| T — TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | STORM SEWER REMOVAL |
| W — WATERMAIN | E — ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | SANITARY SEWER |

F — DRAINAGE STRUCTURE TO BE FILLED

R — DRAINAGE STRUCTURE REMOVAL

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0100
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - |
| | DRAWN - JNB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

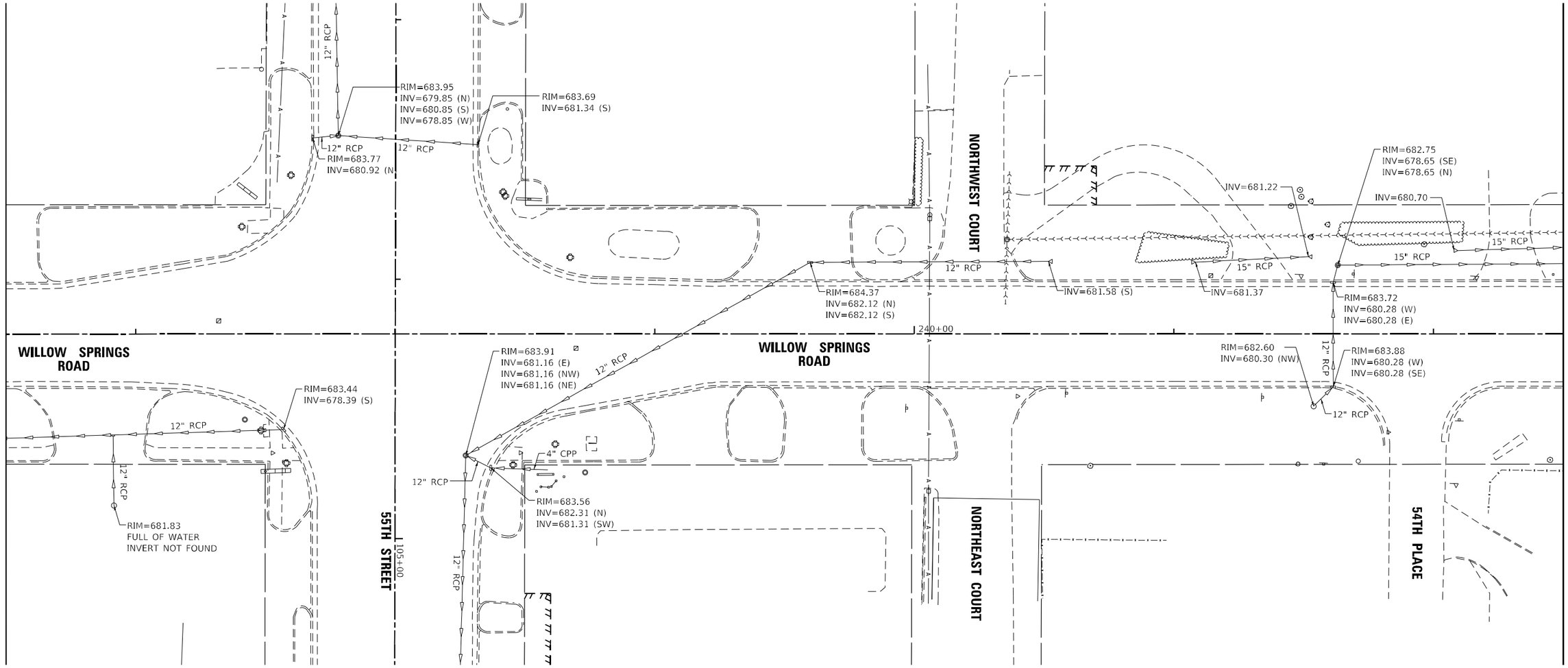
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN AND REMOVALS**
**55TH STREET**

SCALE: 1" = 20' | SHEET 9 OF 9 SHEETS | STA. 139+75 TO STA. END

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 106 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\900 Drawings\302 CADD Sheets\D1862G37-5th-drainExRem05.dgn




## EXISTING DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G — GAS | FEMA FLOODWAY | INLET | SUMMIT | 2' X 6' BOX CULVERT — CULVERT SIZE AND & TYPE | STORM SEWER |
| T — TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | STORM SEWER REMOVAL |
| W — WATERMAIN | E — ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | SANITARY SEWER |

F — DRAINAGE STRUCTURE TO BE FILLED

R — DRAINAGE STRUCTURE REMOVAL

0 20 40 60

SCALE IN FEET

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0160
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - |
| | DRAWN - JNB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN AND REMOVALS**
**WILLOW SPRINGS ROAD**

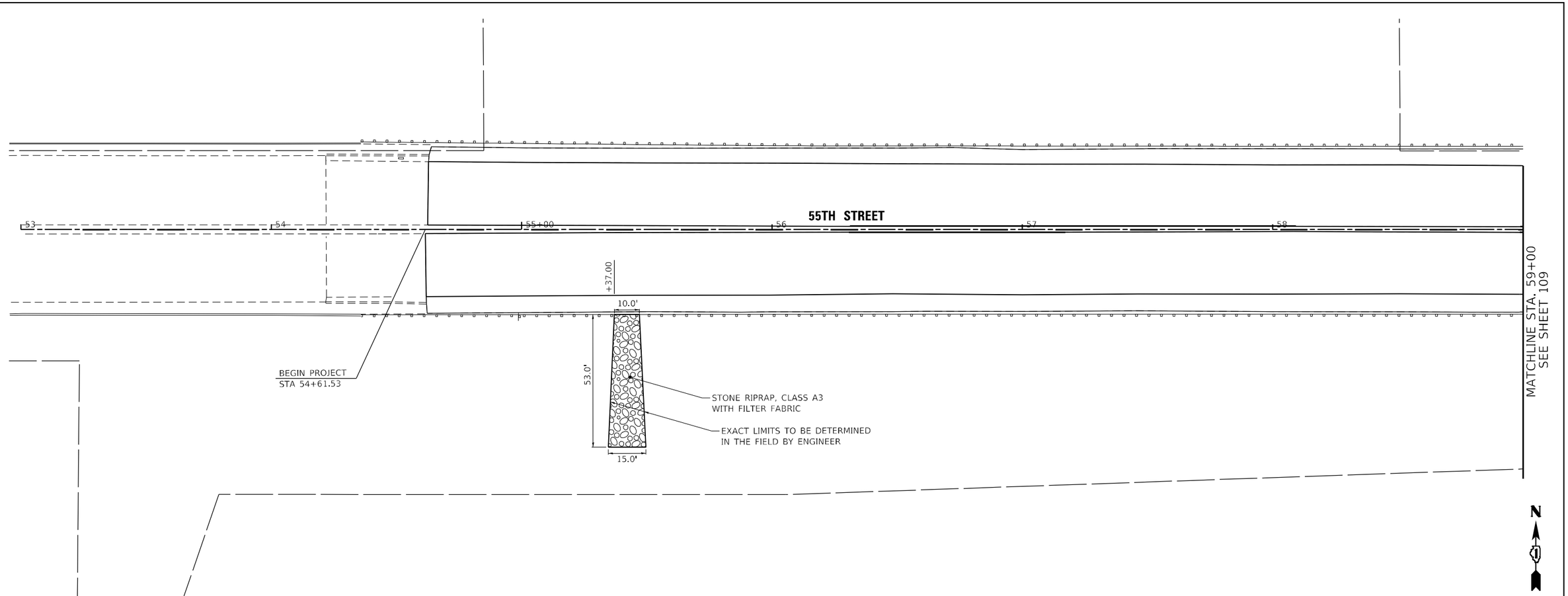
SCALE: 1" = 20' | SHEET 1 OF 1 SHEETS | STA. 236+50 TO STA. 242+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 107 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-draiExRem10.dgn

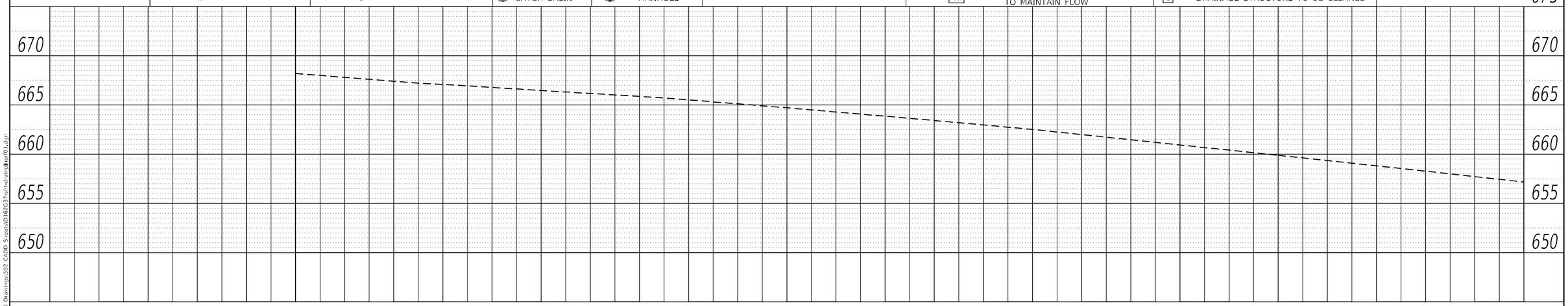
PLAN
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO.
BY
DATE
R/W CHECKED
ALIGNMENT CHECKED
R/W CHECKED
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO.
BY
DATE
R/W CHECKED
ALIGNMENT CHECKED
R/W CHECKED
CADD FILE NAME
STRUCTURE NOTATNS CHKD




## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G — GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| T — TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | SANITARY SEWER |
| W — WATERMAIN | E — ELECTRIC | CATCH BASIN | MANHOLE | FMF CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | REC DRAINAGE STRUCTURE RECONSTRUCTED; ADJ DRAINAGE STRUCTURE TO BE ADJUSTED; C DRAINAGE STRUCTURE TO BE CLEANED |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-drainprof01.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - |
| | DRAWN - JNB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 1 OF 17 SHEETS | STA. 53+00 TO STA. 59+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 108 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

SEE SHEET 108
MATCH LINE STA. 59+00

59 60+00 61 62 63 64

55TH STREET

64+25

GRADE SWALE FROM END OF CURB AND GUTTER WEST TO EXISTING DITCH

MATCH LINE STA. 65+00
SEE SHEET 110

N

PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | 2' X 6' BOX CULVERT — CULVERT SIZE AND & TYPE | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | SANITARY SEWER |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | FMF CATCH BASINS TO BE FILLED TO MAINTAIN FLOW |

REC DRAINAGE STRUCTURE RECONSTRUCTED
ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
C DRAINAGE STRUCTURE TO BE CLEANED

0 20 40 60
SCALE IN FEET

670
665
660
655
650
645
640

| 62+00 | 62+50 | 63+00 | 63+50 | 64+00 | 64+50 | 65+00 |
|---|---|---|---|---|---|---|
| 648.99 | 648.61 | 648.22 | 647.87 | 647.55 | 647.23 | 646.99 | 646.75 | 646.53 | 646.34 | 646.15 | 646.07 | 645.99 | 645.93 | 645.90 | 645.86 |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-drainprof02.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - |
| | DRAWN - JNB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 2 OF 17 SHEETS | STA. 59+00 TO STA. 65+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 109 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
H.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

GRADE SWALE FROM END OF CURB AND GUTTER WEST TO EXISTING DITCH

65+50

CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 11V FRAME AND GRATE

GRAND AVENUE

SEE SHEET 109
MATCH LINE STA. 65+00

MATCH LINE STA. 69+60
SEE SHEET 111

55TH STREET

65+00 66 67 68 69

42" RCP
24" RCP
12" RCP
42" RCP
36" RCP
12" RCP
27" RCP
36" RCP
12"

RIM=649.37
INV=640.17 (W)
INV=642.02 (E)

WOODLAND DRIVE

N

## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | 2' X 6' CULVERT SIZE AND & TYPE BOX CULVERT | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | SANITARY SEWER |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | FMF | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW |

REC DRAINAGE STRUCTURE RECONSTRUCTED
ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
C DRAINAGE STRUCTURE TO BE CLEANED

0 20 40 60
SCALE IN FEET

| | | | | |

SEE SHEET 110
MATCH LINE STA. 69+60

MATCH LINE STA. 75+00
SEE SHEET 112

RIM=650.43 [C]
INV=647.03 (S)

RIM=650.19 [C]
INV=645.04 (N)
INV=645.04 (SW)
INV=645.04 (SE)

RIM=650.57 [C]
INV=640.72 (W)
INV=640.72 (E)
INV=645.22 (NE)

RIM=650.76
INV=647.91 (NW)

RIM=653.59
INV=650.79 (S)

RIM=653.24
INVERTS
UNKNOWN

RIM=653.22
INV=649.32 (N)
INV=649.32 (W)

RIM=653.28
INV=643.38 (W)
INV=643.38 (E)

RIM=655.72
INV=649.32 (N)

RIM=655.25
INV=644.60 (W)
INV=644.60 (E)
INV=645.20 (S)

RIM=656.54
INV=645.44 (E)
INV=645.44 (W)

RIM=656.71
INV=652.76 (S)

RIM=656.74
INVERTS
UNKNOWN

RIM=656.33
INV=653.83 (NE)

12" RCP
24" RCP
RCP
10" RCP

70+00 71 72 73 74

55TH STREET
LAWN AVENUE
GRAND AVENUE
HERITAGE COURT

N

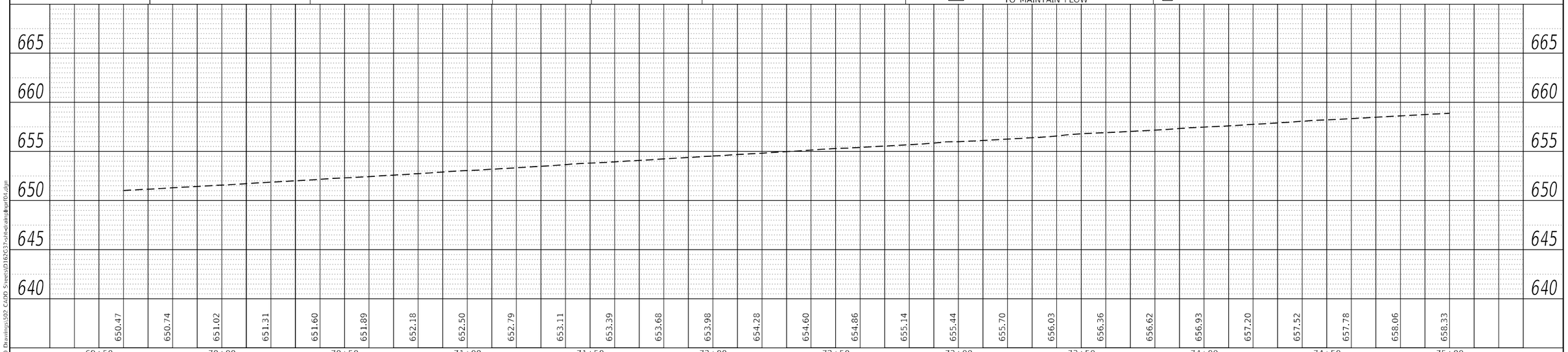
0 20 40 60
SCALE IN FEET

## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | SANITARY SEWER |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | FMF CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | REC DRAINAGE STRUCTURE RECONSTRUCTED; ADJ DRAINAGE STRUCTURE TO BE ADJUSTED; C DRAINAGE STRUCTURE TO BE CLEANED |

PLAN
SURVEYED
PLOTTED
CROSS CHECKED
ALIGNMENT CHECKED
R.T. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
R.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE




MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-drainplan04.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 4 OF 17 SHEETS | STA. 69+60 TO STA. 75+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 111 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| PLAN | DATE | BY |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| DRAWN / CHECKED | | |
| AUDITED BY: | | |
| R.O.W. CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

SEE SHEET 111
MATCH LINE STA. 75+00

MATCH LINE STA. 81+00
SEE SHEET 113

WOLF ROAD

55TH STREET

LINDEN AVENUE

RIM=659.74
INV=653.94 (NE)
INV=653.94 (E)

RIM=660.44
INV=656.69 (W)

RIM=660.71
INV=657.81 (E)

RIM=660.61
INV=657.51 (W)
INV=657.51 (SE)

RIM=660.72

PROP. ROW

12" PVC

12" RCP

RIM=659.39
INV=656.64 (S)

RIM=660.77

RIM=660.95
INV=654.50 (N)

FIRE HYDRANTS TO
BE RELOCATED
STA 77+50.9, 51.5' LT

RIM=660.32
INV=657.17 (NW)
INV=655.52 (SE)

RIM=660.42
INV=656.62 (S)

RIM=659.29
INV=654.34 (NW)
INV=654.34 (NE)
INV=655.89 (E)

RIM=659.89
INV=648.69 (N)
INV=648.09 (W)
INV=652.44 (SW)
INV=648.09 (E)

RIM=660.36
INV=650.16 (W)
INV=650.16 (E)
INV=650.16 (SE)

RIM=660.26
INV=653.70 (N)
INV=653.16 (NW)
INV=653.16 (SW)

RIM=659.96
INV=646.16 (W)
INV=646.16 (E)
INV=646.16 (S)

24" RCP

RIM=658.34
INV=652.24 (N)
INV=652.24 (S)

(ADJ)
RIM=660.72
INV=645.87 (W)
INV=645.87 (E)
T/PIPE 8" CLAY=651.17

RIM=656.47
INV=653.12 (N)

RIM=658.09
INV=652.14 (W)
INV=652.14 (E)

(153) STA 80+37.05, 27.6' RT
RIM ELEV=661.26
PR INV=652.77 (SE)
EX INV=652.77 (W)

[152] RCP STORM SEWER
TYPE 2 - 42" = 59.7'

75+00 | 76 | 77 | 78 | 79 | 80+00

220+00

221

219

## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | 2' X 6' BOX CULVERT — CULVERT SIZE AND & TYPE | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | SANITARY SEWER |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | [FMF] CATCH BASINS TO BE FILLED TO MAINTAIN FLOW |

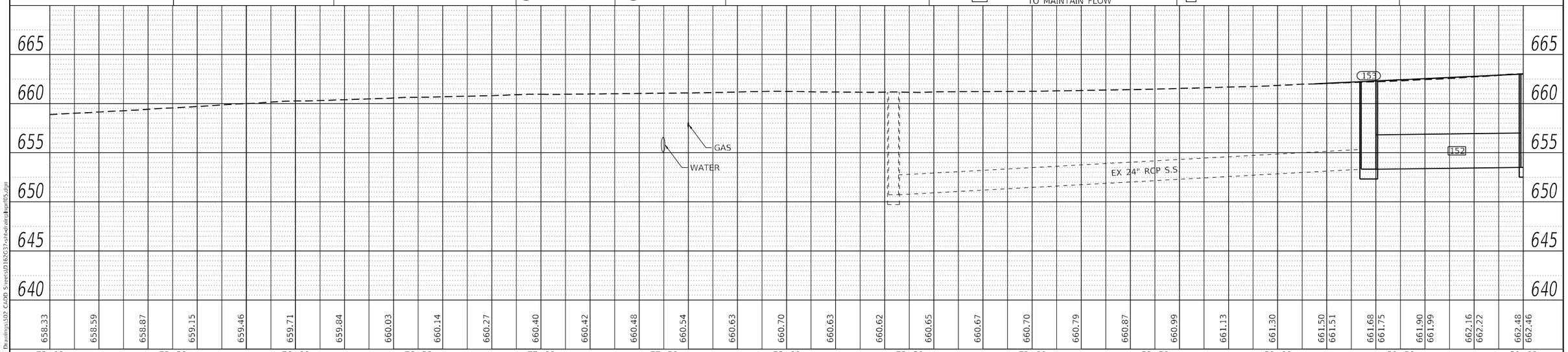
[REC] DRAINAGE STRUCTURE RECONSTRUCTED
[ADJ] DRAINAGE STRUCTURE TO BE ADJUSTED
[C] DRAINAGE STRUCTURE TO BE CLEANED

0 20 40 60
SCALE IN FEET

N

| PROFILE | DATE | BY |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| DRAWN / CHECKED | | |
| R.O.W. NOTED | | |
| NOTE BOOK | | |
| NO. | | |

STRUCTURE NOTATIONS




| 658.33 | 658.59 | 658.87 | 659.15 | 659.46 | 659.71 | 659.84 | 660.03 | 660.14 | 660.27 | 660.40 | 660.42 | 660.48 | 660.54 | 660.63 | 660.70 | 660.63 | 660.62 | 660.65 | 660.67 | 660.70 | 660.79 | 660.87 | 660.99 | 661.13 | 661.30 | 661.50 | 661.51 | 661.68 | 661.75 | 661.90 | 661.99 | 662.16 | 662.22 | 662.48 | 662.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 75+00 | | 75+50 | | 76+00 | | 76+50 | | 77+00 | | 77+50 | | 78+00 | | 78+50 | | 79+00 | | 79+50 | | 80+00 | | 80+50 | | 81+00 | | | | | | | | | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-drainplnpar05.dgn

**Bowman** 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-445-5050 www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 5 OF 17 SHEETS | STA. 75+00 | TO STA. 81+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 112 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | SANITARY SEWER |
| WATERMAIN | ELECTRIC | CATCH BASIN | MANHOLE | | FMF CATCH BASINS TO BE FILLED TO MAINTAIN FLOW |

REC DRAINAGE STRUCTURE RECONSTRUCTED
ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
C DRAINAGE STRUCTURE TO BE CLEANED

(150) STA 81+02.00, 28.8' LT
RIM ELEV=661.94
PR INV=653.94 (N)
PR INV=653.94 (S)
[150] RCP STORM SEWER
TYPE 2 - 12" = 54.8'

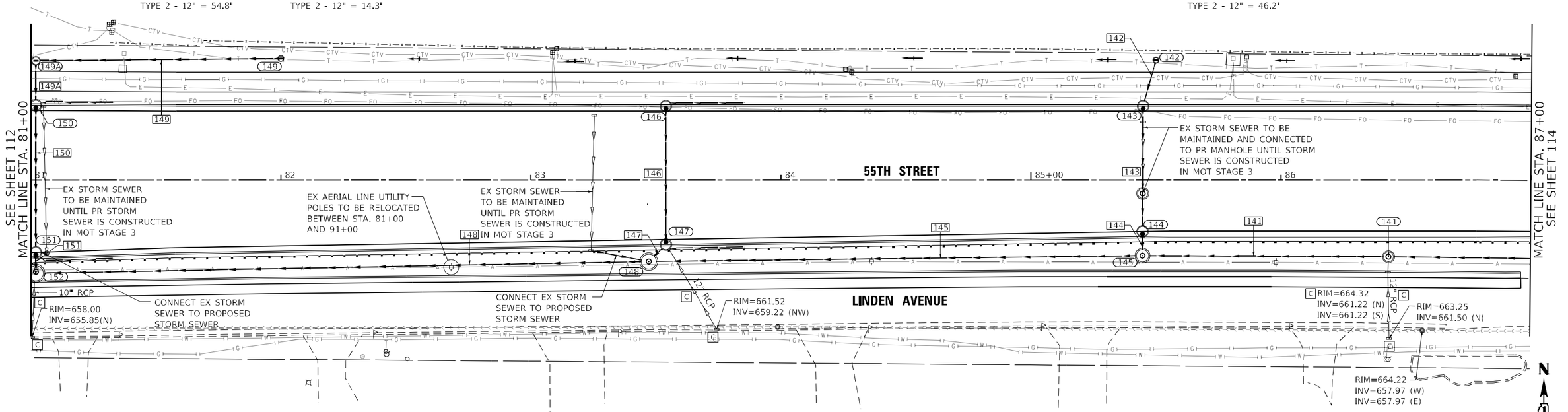
(149A) STA 81+02.00, 47.6' LT
RIM ELEV=662.20
PR INV=657.16 (E)
PR INV=654.16 (S)
[149A] RCP STORM SEWER
TYPE 2 - 12" = 14.3'

(149) STA 82+00.00, 48.5' LT
RIM ELEV=662.00
PR INV=658.12 (W)
[149] RCP STORM SEWER
TYPE 2 - 12" = 95.5'

(146) STA 83+53.99, 28.5' LT
RIM ELEV=664.91
PR INV=659.91 (S)
[146] RCP STORM SEWER
TYPE 2 - 12" = 51.4'

(143) STA 85+44.83, 28.5' LT
RIM ELEV=667.06
PR INV=659.06 (N)
PR INV=659.06 (S)
[143] RCP STORM SEWER
TYPE 2 - 12" = 46.2'

(142) STA 85+50.00, 47.8' LT
RIM ELEV=666.69
PR INV=659.30 (S)
[142] RCP STORM SEWER
TYPE 2 - 12" = 16.0'




(152) STA 81+02.03, 36.8' RT
RIM ELEV=660.75
PR INV=653.64 (N)
PR INV=652.95 (E)
PR INV=652.95 (NW)
EX INV=N/A (S)

(151) STA 81+02.00, 30.0' RT
RIM ELEV=661.93
PR INV=653.66 (N)
PR INV=653.66 (S)
[151] RCP STORM SEWER
TYPE 2 - 12" = 3.4'

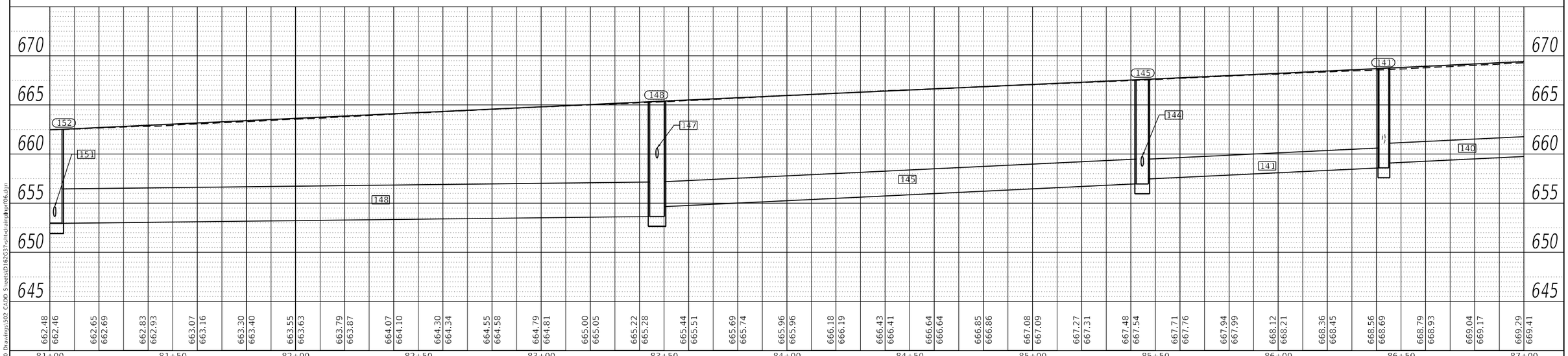
(148) STA 83+47.16, 32.7' RT
RIM ELEV=663.80
PR INV=659.60 (NE)
PR INV=653.66 (W)
PR INV=654.66 (E)
[148] RCP STORM SEWER
TYPE 2 - 42" = 239.2'

(147) STA 83+54.00, 24.9' RT
RIM ELEV=664.97
PR INV=659.65 (N)
PR INV=659.65 (SW)
EX INV=N/A (SE)
[147] RCP STORM SEWER
TYPE 2 - 12" = 4.7'

(145) STA 85+44.60, 30.3' RT
RIM ELEV=665.70
PR INV=658.76 (N)
PR INV=656.96 (W)
PR INV=657.46 (E)
[145] RCP STORM SEWER
TYPE 2 - 30" = 192.0'

(144) STA 85+44.64, 21.7' RT
RIM ELEV=667.16
PR INV=658.82 (N)
PR INV=658.82 (S)
[144] RCP STORM SEWER
TYPE 2 - 12" = 5.2'

(141) STA 86+43.00, 30.7' RT
RIM ELEV=666.60
EX INV=661.10 (S)
PR INV=658.59 (W)
PR INV=659.09 (E)
[141] RCP STORM SEWER
TYPE 2 - 24" = 93.9'




| | | | | | |
|---|---|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | **STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** | **DRAINAGE PLAN AND PROFILE 55TH STREET** | |
| | DRAWN - JNB | REVISED - | | | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | | | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | | SCALE: 1" = 20' SHEET 6 OF 17 SHEETS STA. 81+00 TO STA. 87+00 | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 113 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS FED. AID PROJECT | | |

Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-634-0360 www.bowman.com

PLAN / PROFILE — SURVEYED — PLOTTED — CROSS CHECKED — IBM. NOTED — STRUCTURE NOTATIONS CHKD — NOTE BOOK — NO. — DATE — BY

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-drainage006.dgn

## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | SANITARY SEWER |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | FMF CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | REC DRAINAGE STRUCTURE RECONSTRUCTED; ADJ DRAINAGE STRUCTURE TO BE ADJUSTED; C DRAINAGE STRUCTURE TO BE CLEANED |

(138A) STA 87+65.00, 48.0' LT
RIM ELEV=669.59
PR INV=664.89 (S)
138A RCP STORM SEWER
TYPE 2 - 12" = 15.5'

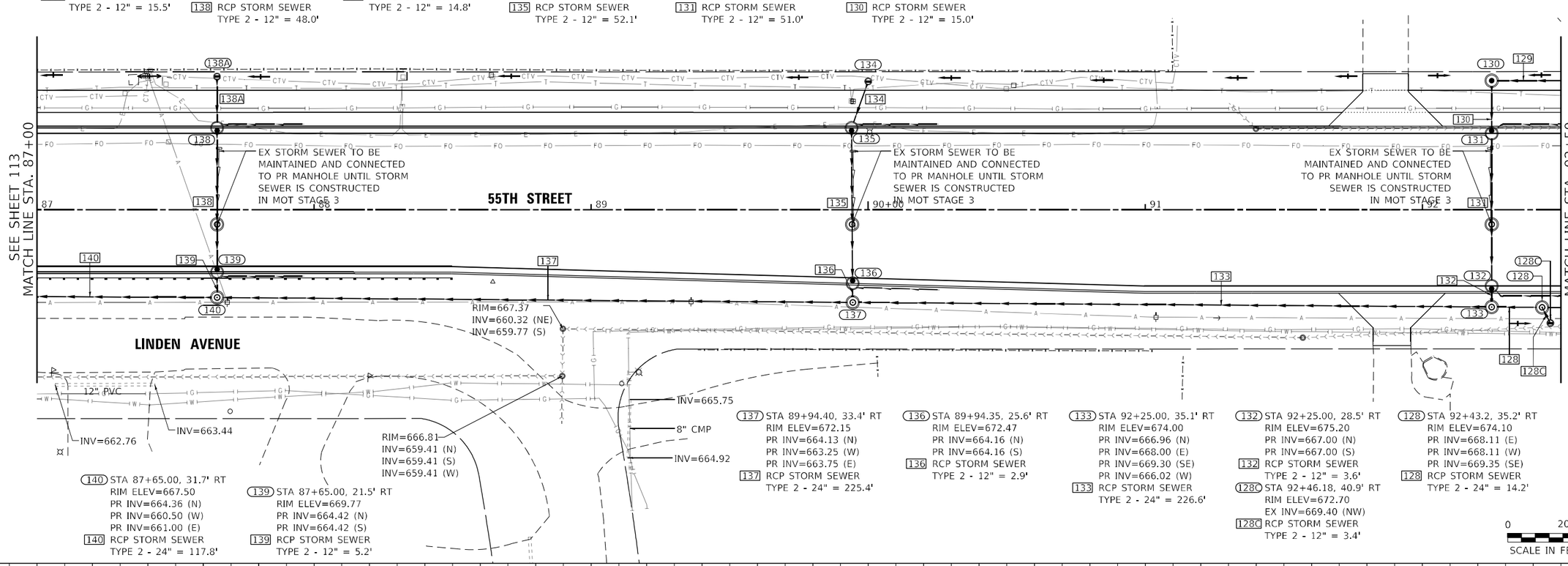
(138) STA 87+65.00, 28.5' LT
RIM ELEV=669.66
PR INV=664.66 (S)
PR INV=664.66 (N)
138 RCP STORM SEWER
TYPE 2 - 12" = 48.0'

(134) STA 90+00.00, 46.27' LT
RIM ELEV=672.46
PR INV=664.64 (SW)
134 RCP STORM SEWER
TYPE 2 - 12" = 14.8'

(135) STA 89+94.00, 28.5' LT
RIM ELEV=672.42
PR INV=664.42 (N)
PR INV=664.42 (S)
135 RCP STORM SEWER
TYPE 2 - 12" = 52.1'

(131) STA 92+25.00, 27.5' LT
RIM ELEV=675.20
PR INV=667.20 (N)
PR INV=667.20 (S)
131 RCP STORM SEWER
TYPE 2 - 12" = 51.0'

(130) STA 92+25.00, 46.5' LT
RIM ELEV=675.00
PR INV=670.29 (E)
PR INV=670.29 (S)
130 RCP STORM SEWER
TYPE 2 - 12" = 15.0'




(140) STA 87+65.00, 31.7' RT
RIM ELEV=667.50
PR INV=664.36 (N)
PR INV=660.50 (W)
PR INV=661.00 (E)
140 RCP STORM SEWER
TYPE 2 - 24" = 117.8'

(139) STA 87+65.00, 21.5' RT
RIM ELEV=669.77
PR INV=664.42 (N)
PR INV=664.42 (S)
139 RCP STORM SEWER
TYPE 2 - 12" = 5.2'

(137) STA 89+94.40, 33.4' RT
RIM ELEV=672.15
PR INV=664.13 (N)
PR INV=663.25 (W)
PR INV=663.75 (E)
137 RCP STORM SEWER
TYPE 2 - 24" = 225.4'

(136) STA 89+94.35, 25.6' RT
RIM ELEV=672.47
PR INV=664.16 (N)
PR INV=664.16 (S)
136 RCP STORM SEWER
TYPE 2 - 12" = 2.9'

(133) STA 92+25.00, 35.1' RT
RIM ELEV=674.00
PR INV=666.96 (N)
PR INV=668.00 (E)
PR INV=669.30 (SE)
PR INV=666.02 (W)
133 RCP STORM SEWER
TYPE 2 - 24" = 226.6'

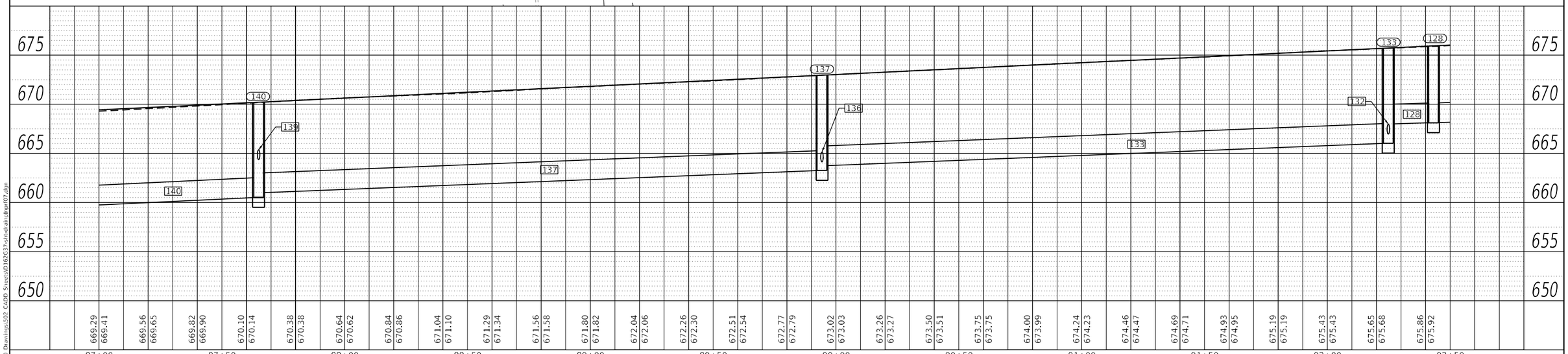
(132) STA 92+25.00, 28.5' RT
RIM ELEV=675.20
PR INV=667.00 (N)
PR INV=667.00 (S)
132 RCP STORM SEWER
TYPE 2 - 12" = 3.6'

(128C) STA 92+46.18, 40.9' RT
RIM ELEV=672.70
EX INV=669.40 (NW)
128C RCP STORM SEWER
TYPE 2 - 12" = 3.4'

(128) STA 92+43.2, 35.2' RT
RIM ELEV=674.10
PR INV=668.11 (E)
PR INV=668.11 (W)
PR INV=669.35 (SE)
128 RCP STORM SEWER
TYPE 2 - 24" = 14.2'

N

0 20 40 60
SCALE IN FEET




PLAN — SURVEYED — PLOTTED — CROSS SECTIONS PLOTTED — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — PLOTTED — CROSS SECTIONS CHECKED — R.M. NOTED — STRUCTURE NOTATIONS CHKD — NOTE BOOK — NO. — BY — DATE

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D1625G37-sht-drainplanprof07.dgn

Bowman — 10 S. LaSalle Street, Suite 2110, Chicago, Illinois 60603, 312-634-0360, www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 7 OF 17 SHEETS | STA. 87+00 TO STA. 92+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 114 |

CONTRACT NO. 62G37
ILLINOIS | FED. AID PROJECT

(129) STA 93+14.27, 46.5' LT
RIM ELEV=676.07
PR INV=670.72 (W)
129 RCP STORM SEWER
TYPE 2 - 12" = 86.3'

(125) STA 94+55.00, 28.5' LT
RIM ELEV=677.97
PR INV=672.98 (S)
125 RCP STORM SEWER
TYPE 2 - 12" = 55.0'

12" CMP
INV=676.80

(120) STA 97+20.01, 28.5' LT
RIM ELEV=681.16
PR INV=677.33 (S)
120 RCP STORM SEWER
TYPE 2 - 12" = 3.0'
(121) STA 97+19.98, 22.5' LT
RIM ELEV=681.34
PR INV=677.30 (N)
EX INV=677.30 (S)

(113) STA 98+26.69, 46.5' LT
RIM ELEV=681.10
PR INV=678.48 (E)

CONSTRUCT PR CATCH PRIOR TO TEMPORARY PAVEMENT INSTALLATION CONNECT TO EXISTING INLET TO MAINTAIN DRAINAGE

RIM=680.16
INV=667.76 (E)
INV=(N, S, W)
NO INVERT MEASURED

MAINTAIN EXISTING DRAINAGE SYSTEM DURING MOT STAGE 1 TO DRAIN TEMPORARY PAVEMENT

LAUREL AVENUE

EX STORM SEWER TO BE MAINTAINED AND CONNECTED TO PR MANHOLE UNTIL STORM SEWER IS CONSTRUCTED IN MOT STAGE 3

55TH STREET

SEE SHEET 114
MATCH LINE STA. 92+50

MATCH LINE STA. 98+50
SEE SHEET 116

RIM=677.77
INV=669.27 (W)

RIM=684.02
INV=677.27 (E)

(128B) STA 93+45.00, 36.1' RT
RIM ELEV=676.45
PR INV=668.89 (E)
PR INV=668.89 (W)
PR INV=671.80 (SE)
128B RCP STORM SEWER
TYPE 2 - 24" = 97.8'

(128A) STA 93+50.00, 40.3' RT
RIM ELEV=675.84
PR INV=671.84 (NW)
128A RCP STORM SEWER
TYPE 2 - 12" = 3.5'

(127) STA 94+55.00, 37.1' RT
RIM ELEV=677.36
PR INV=672.66 (N)
PR INV=669.73 (E)
PR INV=669.73 (W)
127 RCP STORM SEWER
TYPE 2 - 24" = 106.0'

(126) STA 94+55.00, 28.5' RT
RIM ELEV=677.97
PR INV=672.70 (N)
PR INV=672.70 (S)
126 RCP STORM SEWER
TYPE 2 - 12" = 3.6'

124 RCP STORM SEWER
TYPE 2 - 24" = 254.8'

(123) STA 97+19.39, 28.5' RT
RIM ELEV=681.16
PR INV=675.01 (N)
PR INV=675.01 (SW)
123 RCP STORM SEWER
TYPE 2 - 12" = 3.9'
(124) STA 97+13.79, 33.1' RT
RIM ELEV=681.48
PR INV=671.77 (W)
PR INV=672.52 (E)
PR INV=674.97 (NE)

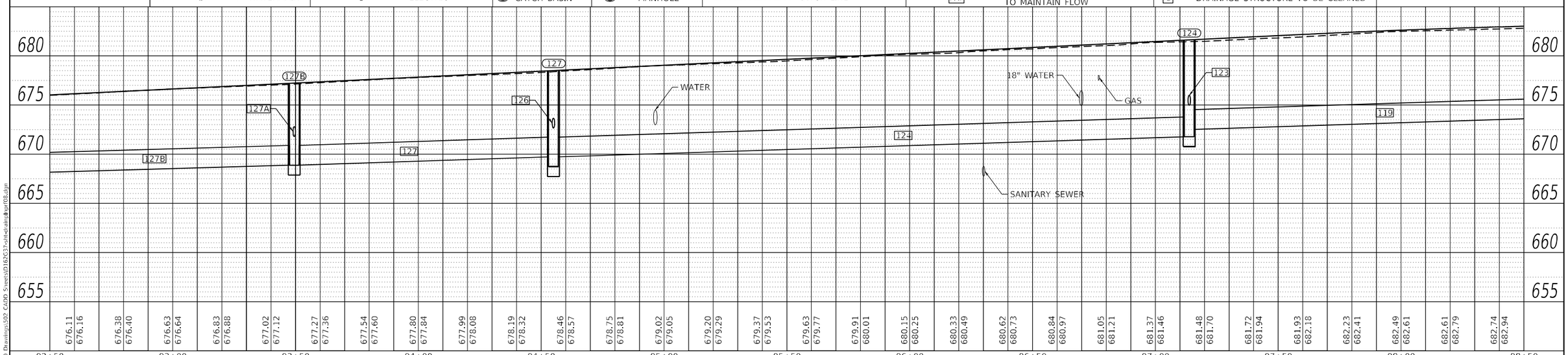
119 RCP STORM SEWER
TYPE 2 - 24" = 207.1'
(122) STA 97+19.44, 22.5' RT
RIM ELEV=681.34
EX INV=675.03 (N)
PR INV=675.03 (S)
122 RCP STORM SEWER
TYPE 2 - 12" = 2.0'

N

## PROPOSED DRAINAGE LEGEND

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE 2' X 6' BOX CULVERT | STORM SEWER | REC | DRAINAGE STRUCTURE RECONSTRUCTED |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | SANITARY SEWER | ADJ | DRAINAGE STRUCTURE TO BE ADJUSTED |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW (FMF) | C | DRAINAGE STRUCTURE TO BE CLEANED |

0 20 40 60
SCALE IN FEET




PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.T. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ELEV. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-drainplanprof08.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 8 OF 17 SHEETS | STA. 92+50 TO STA. 98+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 115 |

CONTRACT NO. 62G37
ILLINOIS | FED. AID PROJECT

(116) STA 99+32.66, 28.5' LT
RIM ELEV=682.89
PR INV=675.39 (N)
EX INV=675.39 (S)
116 RCP STORM SEWER
TYPE 2 - 12" = 53.0'
113 RCP STORM SEWER
TYPE 2 - 12" = 103.0'

(115) STA 99+32.67, 46.5' LT
RIM ELEV=682.37
PR INV=677.96 (W)
PR INV=677.96 (E)
PR INV=675.46 (S)
115 RCP STORM SEWER
TYPE 2 - 12" = 13.0'

(114) STA 100+12.61, 46.5' LT
RIM ELEV=682.65
PR INV=678.34 (W)
114 RCP STORM SEWER
TYPE 2 - 12" = 76.7'

(110) STA 101+45.00, 28.5' LT
RIM ELEV=683.79
PR INV=678.79 (S)
110 RCP STORM SEWER
TYPE 2 - 12" = 53.0'

(104) STA 102+25.00, 28.5' LT
RIM ELEV=683.89
PR INV=679.89 (E)
104 RCP STORM SEWER
TYPE 2 - 12" = 57.0'

NORTHWEST COURT

101+28

LIMITS OF SPECIAL GUTTER
(SEE DRAINAGE DETAIL)

SEE SHEET 115
MATCH LINE STA. 98+50

EX STORM SEWER TO BE MAINTAINED AND CONNECTED TO PR MANHOLE UNTIL STORM SEWER IS CONSTRUCTED IN MOT STAGE 3

55TH STREET

99 100+00 101 102

EX STORM SEWER TO BE MAINTAINED AND CONNECTED TO PR MANHOLE UNTIL STORM SEWER IS CONSTRUCTED IN MOT STAGE 3

MATCH LINE STA. 102+75
SEE SHEET 117

ADJ

RIM=683.85
INV=675.20 (W)
INV=675.20 (S)

SOUTHWEST COURT

(118) STA 99+30.50, 28.5' RT
RIM ELEV=682.88
PR INV=675.12 (N)
PR INV=675.12 (SW)
118 RCP STORM SEWER
TYPE 2 - 12" = 3.9'
(119) STA 99+24.91, 33.1' RT
RIM ELEV=683.61
PR INV=675.10 (NE)
PR INV=674.18 (W)
PR INV=674.18 (E)

112 RCP STORM SEWER
TYPE 2 - 24" = 210.5'
(111) STA 101+45.00, 28.5' RT
RIM ELEV=683.79
PR INV=678.52 (N)
PR INV=678.52 (SW)
111 RCP STORM SEWER
TYPE 2 - 12" = 3.9'

(112) STA 101+39.40, 33.1' RT
RIM ELEV=684.40
PR INV=678.48 (NE)
PR INV=675.02 (W)
PR INV=675.02 (E)

(109) STA 102+19.91, 31.6' RT
RIM ELEV=684.00
PR INV=679.36 (NE)
PR INV=675.79 (W)
PR INV=676.29 (E)
109 RCP STORM SEWER
TYPE 2 - 18" = 76.5'

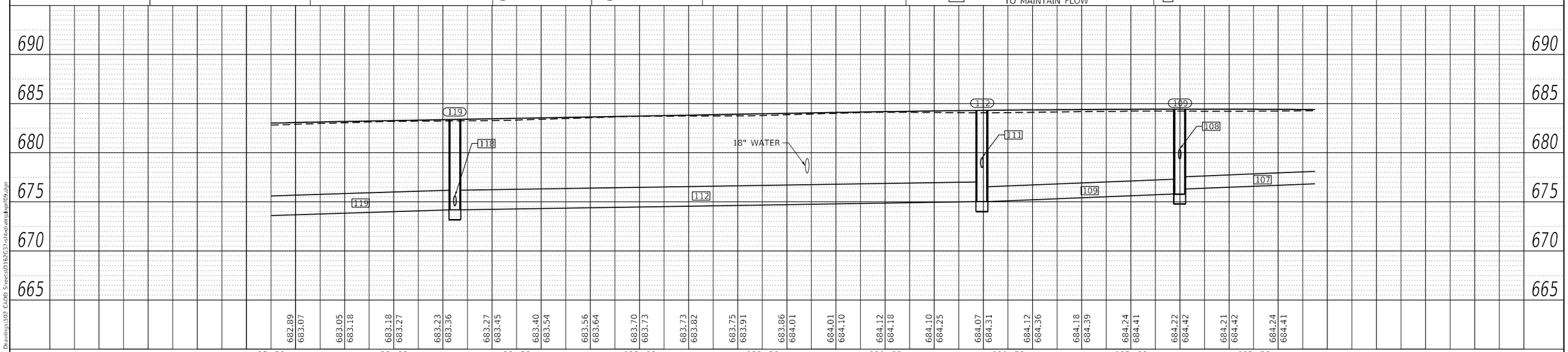
107 RCP STORM SEWER
TYPE 2 - 15" = 56.0'
(108) STA 102+25.00, 28.5' RT
RIM ELEV=683.89
PR INV=679.39 (SW)
108 RCP STORM SEWER
TYPE 2 - 12" = 3.2'

N

0 20 40 60
SCALE IN FEET

## PROPOSED DRAINAGE LEGEND

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | 2' X 6' BOX CULVERT | CULVERT SIZE AND & TYPE | STORM SEWER | REC DRAINAGE STRUCTURE RECONSTRUCTED |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | | SANITARY SEWER | ADJ DRAINAGE STRUCTURE TO BE ADJUSTED |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | | DITCH LINE | FMF CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | C DRAINAGE STRUCTURE TO BE CLEANED |




PLAN — SURVEYED — PLOTTED — CROSS CHECKED — NOTE BOOK — MAP NOTED — NO. — STRUCTURE NOTATIONS CHKD — DATE — BY

PROFILE — SURVEYED — PLOTTED — CROSS CHECKED — NOTE BOOK — MAP NOTED — NO. — STRUCTURE NOTATIONS CHKD — DATE — BY

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-draln-hpr09.dgn


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0160
www.bowman.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 9 OF 17 SHEETS | STA. 98+50 | TO STA. 102+75

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 116 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

(100) STA 103+44.99, 28.5' LT
RIM ELEV=683.68
PR INV=678.68 (S)
[100] RCP STORM SEWER
TYPE 2 - 12" = 53.0'
(105) STA 102+85.00, 28.5' LT
RIM ELEV=683.86
PR INV=679.60 (W)
PR INV=679.60 (S)
[105] RCP STORM SEWER
TYPE 2 - 12" = 53.0'

(106) STA 102+85.00, 28.5' RT
RIM ELEV=683.86
PR INV=679.33 (N)
PR INV=679.33 (SW)
[106] RCP STORM SEWER
TYPE 2 - 12" = 3.2'
(103) STA 103+39.91, 32.6' RT
RIM ELEV=684.20
PR INV=677.25 (NE)
PR INV=677.25 (W)
[103] RCP STORM SEWER
TYPE 2 - 15" = 56.0'

WILLOW SPRINGS ROAD

(500) STA 104+73.24, 36.2' LT
RIM ELEV=683.65
EX INV=682.31 (N)
PR INV=681.31 (SW)
[500] RCP STORM SEWER
TYPE 2 - 12" = 7.0'
(501) STA 104+67.86, 27.2' LT
RIM ELEV=683.88
PR INV=679.84 (E)
EX INV=681.16 (NW)
PR INV=681.16 (NE)
[501] RCP STORM SEWER
TYPE 2 - 15" = 90.4'

(502) STA 105+57.00, 28.5' LT
RIM ELEV=683.68
PR INV=680.18 (SE)
[502] RCP STORM SEWER
TYPE 2 - 12" = 3.9'
(503) STA 105+62.19, 23.5' LT
RIM ELEV=683.84
PR INV=678.85 (W)
PR INV=678.85 (E)
PR INV=680.14 (NW)
[503] RCP STORM SEWER
TYPE 2 - 15" = 61.1'

(504) STA 106+22.00, 28.5' LT
RIM ELEV=683.62
PR INV=680.12 (SE)
[504] RCP STORM SEWER
TYPE 2 - 12" = 4.0'
(505) STA 106+27.27, 23.5' LT
RIM ELEV=683.78
PR INV=680.08 (NW)
PR INV=678.18 (W)
PR INV=678.18 (E)
[505] RCP STORM SEWER
TYPE 2 - 15" = 63.7'

(508) STA 106+87.00, 28.5' LT
RIM ELEV=683.56
PR INV=680.06 (SE)
[508] RCP STORM SEWER
TYPE 2 - 12" = 7.1'
(509) STA 106+95.00, 21.9' LT
RIM ELEV=683.74
PR INV=679.99 (NW)
PR INV=677.48 (W)
PR INV=677.43 (E)
EX INV=678.24 (S)
[509] RCP STORM SEWER
TYPE 2 - 15" = 105.3'

NORTHEAST COURT

(510) STA 108+04, 28.5' LT
RIM ELEV=683.10
PR INV=675.96 (W)
PR INV=675.96 (E)

LIMITS OF SPECIAL GUTTER (SEE DRAINAGE DETAIL)

LIMITS OF SPECIAL GUTTER (SEE DRAINAGE DETAIL)

LIMITS OF SPECIAL GUTTER (SEE DRAINAGE DETAIL)

103+45

107+30

ADJ

SEE SHEET 116
MATCH LINE STA. 102+75

MATCH LINE STA. 108+40
SEE SHEET 118

EX STORM SEWER TO BE MAINTAINED AND CONNECTED TO PR MANHOLE UNTIL STORM SEWER IS CONSTRUCTED IN MOT STAGE 3

238

105+00

55TH STREET

237

WILLOW SPRINGS ROAD

12" RCP

(102) STA 103+45.00, 28.5' RT
RIM ELEV=683.68
PR INV=678.15 (N)
PR INV=677.28 (SW)
[102] RCP STORM SEWER
TYPE 2 - 12" = 3.2'
(107) STA 102+79.91, 32.6' RT
RIM ELEV=684.00
PR INV=676.87 (E)

(300) STA 106+22.00, 28.5' RT
RIM ELEV=683.62
PR INV=679.18 (W)
[300] RCP STORM SEWER
TYPE 2 - 12" = 62.5'
(301) STA 105+57.00, 29.1' RT
RIM ELEV=683.68
PR INV=678.87 (E)
PR INV=678.87 (W)

[301] RCP STORM SEWER
TYPE 2 - 12" = 61.8'
(302) STA 104+91.73, 28.5' RT
RIM ELEV=683.74
PR INV=678.56 (E)
EX INV=678.56 (SW)

[302] RCP STORM SEWER
TYPE 2 - 12" = 33.3'
(303) STA 104+57.51, 42.4' RT
RIM ELEV=683.44
PR INV=678.39 (NE)
EX INV=678.39 (S)

(506) STA 106+87.00, 28.5' RT
RIM ELEV=683.56
PR INV=681.24 (SE)
[506] RCP STORM SEWER
TYPE 2 - 12" = 3.6'

(507) STA 106+94.31, 31.6' RT
RIM ELEV=684.07
PR INV=681.20 (NW)
EX INV=680.35 (N)

SOUTHEAST COURT

(511) STA 108+04.00, 28.5' RT
RIM ELEV=683.10
PR INV=678.54 (E)

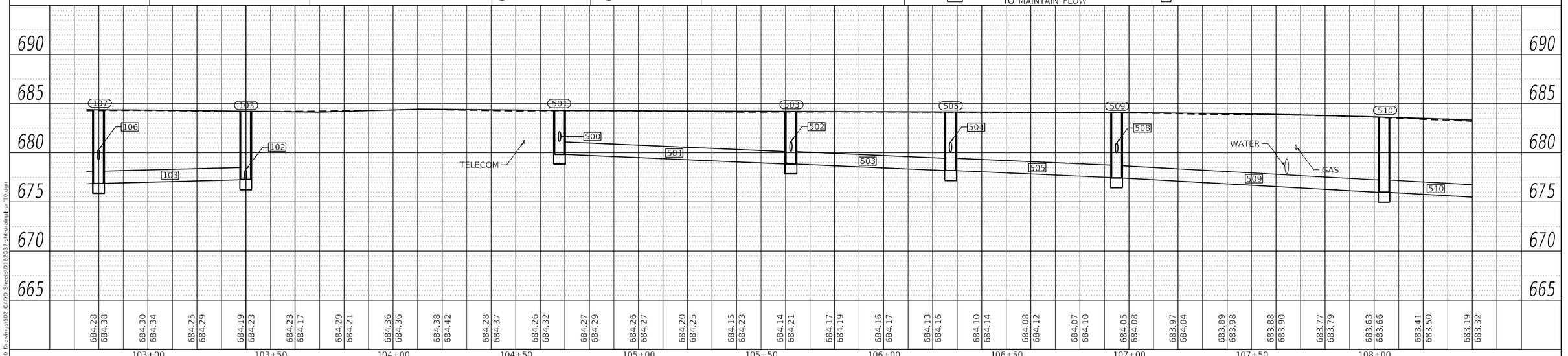
## PROPOSED DRAINAGE LEGEND

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| G — GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE 2' X 6' BOX CULVERT | STORM SEWER | REC | DRAINAGE STRUCTURE RECONSTRUCTED |
| T — TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | SANITARY SEWER | ADJ | DRAINAGE STRUCTURE TO BE ADJUSTED |
| W — WATERMAIN | E — ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | FMF CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | C | DRAINAGE STRUCTURE TO BE CLEANED |

N

0 20 40 60
SCALE IN FEET

PROFILE — SURVEYED — PLOTTED — CROSS SECTIONS CHECKED — R.M. NOTED — STRUCTURE NOTATIONS CHKD — NOTE BOOK — NO.




Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowman.com

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE PLAN AND PROFILE 55TH STREET | |
| | DRAWN - JNB | REVISED - | | | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | | SCALE: 1" = 20' SHEET 10 OF 17 SHEETS STA. 102+75 TO STA. 108+40 | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | | | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 117 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-drainprof10.dgn

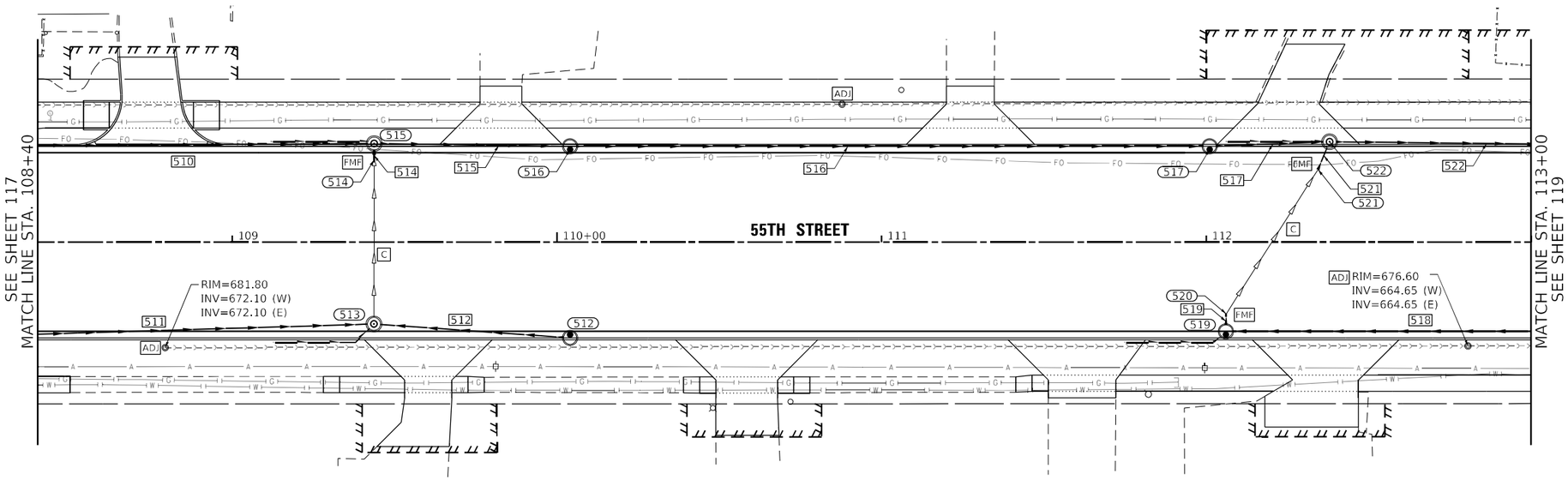
510 RCP STORM SEWER
TYPE 2 - 15" = 135.7'
514 STA 109+43.65, 25.3' LT
RIM ELEV=N/A
INV=676.96 (N)
INV=676.96 (S)
514 RCP STORM SEWER
TYPE 2 - 12" = 5.8'

515 STA 109+43.67, 30.3' LT
RIM ELEV=681.60
PR INV=674.06 (W)
PR INV=674.06 (E)
PR INV=676.85 (S)
515 RCP STORM SEWER
TYPE 2 - 15" = 56.3'

516 STA 110+04.00, 28.5' LT
RIM ELEV=680.51
PR INV=673.27 (W)
PR INV=673.27 (E)
516 RCP STORM SEWER
TYPE 2 - 18" = 193.0'

517 STA 112+01.00, 28.5' LT
RIM ELEV=677.42
PR INV=670.57 (W)
PR INV=670.57 (E)
517 RCP STORM SEWER
TYPE 2 - 18" = 33.0'
521 STA 112+34.37, 22.3' LT
RIM ELEV=N/A
INV=671.82 (NE)
INV=671.82 (SW)

521 RCP STORM SEWER
TYPE 2 - 12" = 7.3'
522 STA 112+37.95, 30.9' LT
RIM ELEV=677.80
PR INV=670.11 (W)
PR INV=670.11 (E)
PR INV=671.75 (SW)
522 RCP STORM SEWER
TYPE 2 - 18" = 121.1'




511 RCP STORM SEWER
TYPE 2 - 12" = 135.7'
513 STA 109+43.60, 25.2' RT
RIM ELEV=681.62
PR INV=677.86 (W)
PR INV=677.86 (E)
EX INV=677.86 (N)

512 STA 110+04.01, 28.5' RT
RIM ELEV=680.51
PR INV=678.14 (W)
512 RCP STORM SEWER
TYPE 2 - 12" = 56.6'

519 STA 112+06.00, 28.5' RT
RIM ELEV=677.35
PR INV=673.30 (N)
PR INV=673.30 (E)
519 RCP STORM SEWER
TYPE 2 - 12" = 2.4'

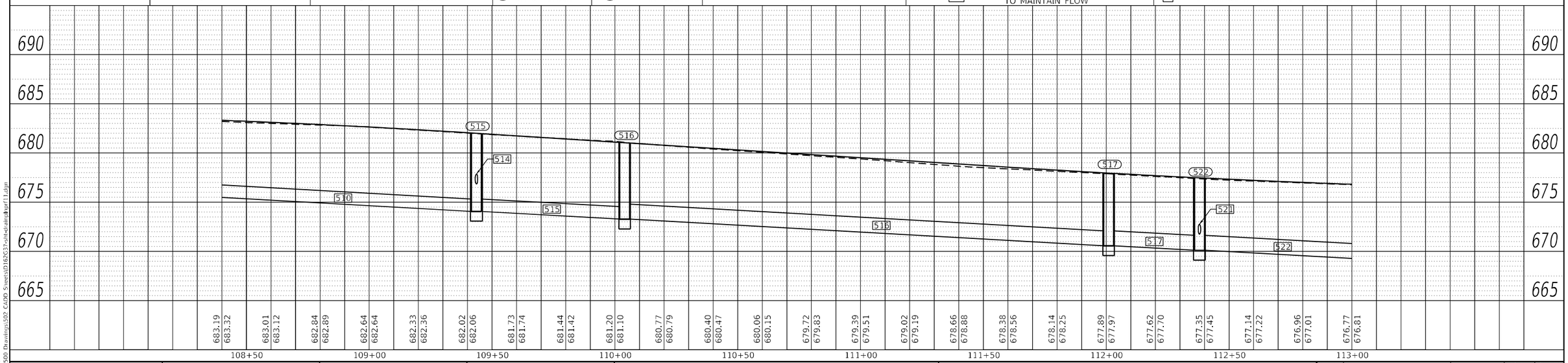
520 STA 112+06.09, 22.1' RT
RIM ELEV=677.54
PR INV=673.27 (NE)
PR INV=673.27 (S)
518 RCP STORM SEWER
TYPE 2 - 12" = 153.0'

## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE | STORM SEWER |
| TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | 2' X 6' BOX CULVERT | SANITARY SEWER |
| WATERMAIN | ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW |

REC DRAINAGE STRUCTURE RECONSTRUCTED
ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
C DRAINAGE STRUCTURE TO BE CLEANED

0 20 40 60
SCALE IN FEET




| | | | | |
|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-419-0260 www.bowmanus.com | USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | | DRAWN - JNB | REVISED - | |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| | PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 11 OF 17 SHEETS | STA. 108+40 | TO STA. 113+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 118 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

PLAN: SURVEYED, PLOTTED, DRAWN, CHECKED, ALIGNMENT CHECKED, R.O.W. CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, DRAWN, CHECKED, E.M. NOTED, STRUCTURE NOTATIONS CHKD

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37+sht+drainprf11.dgn

523 STA 113+63.00, 28.5' LT
RIM ELEV=675.79
PR INV=668.42 (W)
PR INV=668.42 (E)
523 RCP STORM SEWER
TYPE 2 - 18" = 76.9'
524 STA 114+43.89, 31.3' LT
RIM ELEV=675.87
PR INV=667.34 (W)
PR INV=667.34 (E)

703 STA 114+74.00, 28.5' LT
RIM ELEV=675.38
EX INV=667.11 (W)
EX INV=667.11 (E)
PR INV=670.43 (S)
704 STA 115+35.00, 28.5' LT
RIM ELEV=675.34
EX INV=666.67 (W)
EX INV=666.67 (E)

FEMA FLOODPLAIN

705 STA 115+97.00, 28.5' LT
RIM ELEV=675.29
EX INV=666.21 (W)
EX INV=666.21 (E)
706 STA 116+59.00, 28.5' LT
RIM ELEV=675.25
EX INV=665.76 (W)
EX INV=665.76 (E)

RIM=674.35
INV=655.75 (N)
INV=655.75 (E)
INV=655.75 (W)
INV=655.75 (S)

707 STA 117+21.00, 28.5' LT
RIM ELEV=675.21
EX INV=665.30 (W)
EX INV=665.30 (E)
713 STA 117+83.00, 28.5' LT
RIM ELEV=675.42
EX INV=664.89 (W)
EX INV=664.89 (E)
PR INV=670.02 (SE)

DI - 1 DI - 2

| STR # | DI-1 | DI-2 |
|---|---|---|
| 703 | 0.79' | 0.79' |
| 704 | 0.80' | 0.80' |
| 705 | 0.80' | 0.80' |
| 706 | 0.80' | 0.80' |
| 707 | 0.81' | 0.81' |
| 713 | 0.71' | 0.62' |

DRAINAGE CONNECTION DETAIL

20.4'
15.9'
25.2'
PROP. ROW
STONE RIPRAP, CLASS A4 WITH FILTER FABRIC
BOX CULVERT EXTENSION, SEE STRUCTURAL PLANS
FEMA FLOODWAY
LIMITS OF SPECIAL GUTTER (SEE DRAINAGE DETAIL)
EDGEWOOD AVENUE
SEE SHEET 118 MATCH LINE STA. 113+00
MATCH LINE STA. 118+20 SEE SHEET 120
55TH STREET
4' X 4' BOX CULVERT
30" RCP
12" RCP
FMF
ADJ
REC
INV=667.20
RIM=675.62
INV=655.72 (W)
INV=655.72 (E)
INV=655.82 (S)
RIM=675.46
INV=655.61 (N)
INV=655.61 (W)
INV=655.61 (E)

518 STA 113+63.00, 28.5' RT
RIM ELEV=675.79
PR INV=673.91 (W)
800 STA 114+24.81, 67.3' RT
RIM ELEV=672.00
PR INV=667.70 (NW)
800 RCP STORM SEWER
TYPE 2 - 12" = 6.2'
801 STA 114+18.08, 70.0' RT
RIM ELEV=N/A
803 STA 114+09.24, 66.8' RT
RIM ELEV=669.90

2' X 6' BOX CULVERT
PROP. ROW
FEMA FLOODWAY
FEMA FLOODPLAIN

700 STA 115+97.00, 28.5' RT
RIM ELEV=675.29
PR INV=671.29 (W)
700 RCP STORM SEWER
TYPE 2 - 12" = 59.5'

701 STA 115+35.00, 28.5' RT
RIM ELEV=675.34
PR INV=670.99 (W)
EX INV=670.99 (E)
701 RCP STORM SEWER
TYPE 2 - 12" = 57.5'
702 STA 114+74.00, 28.5' RT
RIM ELEV=675.38
PR INV=670.70 (E)
PR INV=670.70 (N)
702 RCP STORM SEWER
TYPE 2 - 12" = 53.0'

708 STA 116+59.00, 28.5' RT
RIM ELEV=675.25
PR INV=671.30 (E)
708 RCP STORM SEWER
TYPE 2 - 12" = 58.5'

711 STA 117+21.00, 28.5' RT
RIM ELEV=675.21
PR INV=671.01 (W)
PR INV=671.01 (NE)
711 RCP STORM SEWER
TYPE 2 - 12" = 3.6'

712 STA 117+23.98, 22.4' RT
RIM ELEV=N/A
PR INV=670.99 (SW)
EX INV=670.99 (NE)
710 STA 117+55.37, 35.6' RT
RIM ELEV=675.39
PR INV=671.55 (E)

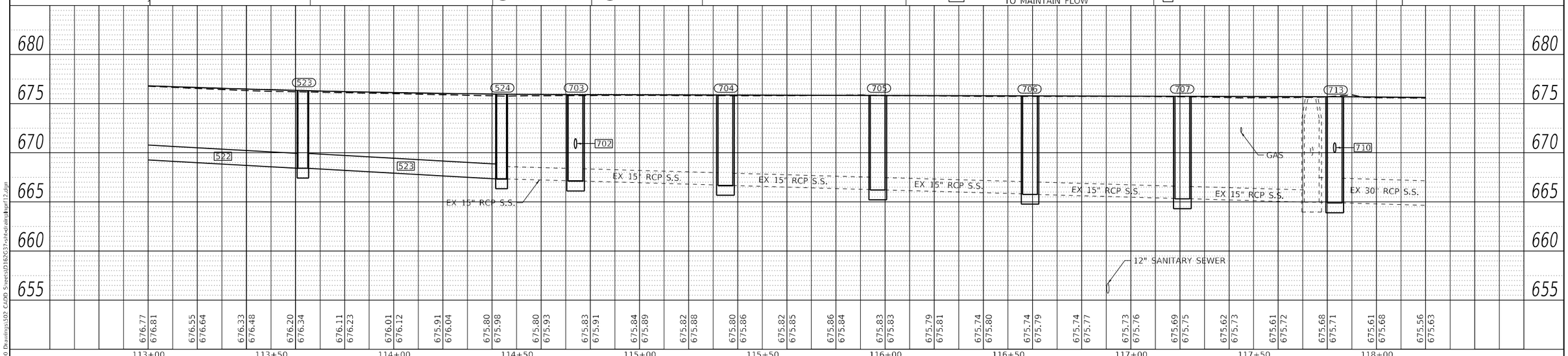
709 STA 117+99.59, 35.5' RT
RIM ELEV=675.34
PR INV=671.34 (W)
PR INV=670.34 (NW)
709 RCP STORM SEWER
TYPE 2 - 12" = 41.7'
710 RCP STORM SEWER
TYPE 2 - 12" = 63.5'

EDGEWOOD AVENUE

## PROPOSED DRAINAGE LEGEND

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | 2' X 6' BOX CULVERT | CULVERT SIZE AND & TYPE | STORM SEWER | REC DRAINAGE STRUCTURE RECONSTRUCTED |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | | SANITARY SEWER | ADJ DRAINAGE STRUCTURE TO BE ADJUSTED |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | | | FMF CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | C DRAINAGE STRUCTURE TO BE CLEANED |

N
0 20 40 60
SCALE IN FEET




PLAN
SURVEYED
PLOTTED
ASSIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-drainprof12.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 12 OF 17 SHEETS | STA. 113+00 | TO STA. 118+20

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 119 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

716 STA 119+60.23, 22.7' LT
RIM ELEV=N/A
PR INV=670.21 (N)
PR INV=670.21 (S)
716 RCP STORM SEWER
TYPE 2 - 12" = 3.9'

717 STA 119+58.50, 28.5' LT
RIM ELEV=674.76
PR INV=663.67 (W)
PR INV=663.67 (E)
PR INV=670.17 (S)

718 STA 121+11.00, 28.5' LT
RIM ELEV=674.16
PR INV=662.72 (W)
PR INV=662.72 (E)

723 STA 122+35.00, 28.5' LT
RIM ELEV=673.47
PR INV=661.98 (W)
PR INV=661.98 (E)
PR INV=665.89 (N)
EX INV=666.83 (SW)

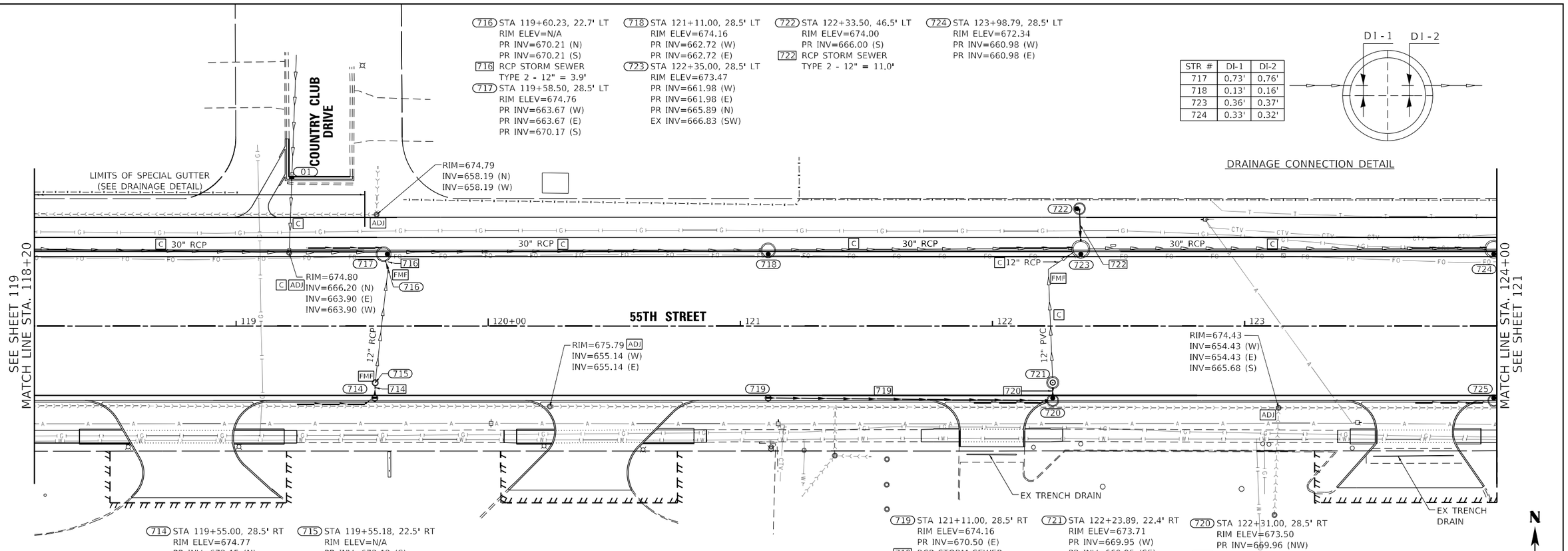
722 STA 122+33.50, 46.5' LT
RIM ELEV=674.00
PR INV=666.00 (S)
722 RCP STORM SEWER
TYPE 2 - 12" = 11.0'

724 STA 123+98.79, 28.5' LT
RIM ELEV=672.34
PR INV=660.98 (W)
PR INV=660.98 (E)

| STR # | DI-1 | DI-2 |
|---|---|---|
| 717 | 0.73' | 0.76' |
| 718 | 0.13' | 0.16' |
| 723 | 0.36' | 0.37' |
| 724 | 0.33' | 0.32' |




DRAINAGE CONNECTION DETAIL




714 STA 119+55.00, 28.5' RT
RIM ELEV=674.77
PR INV=672.15 (N)
714 RCP STORM SEWER
TYPE 2 - 12" = 6.0'

715 STA 119+55.18, 22.5' RT
RIM ELEV=N/A
PR INV=672.12 (S)
EX INV=672.12 (N)

719 STA 121+11.00, 28.5' RT
RIM ELEV=674.16
PR INV=670.50 (E)
719 RCP STORM SEWER
TYPE 2 - 12" = 110.1'

721 STA 122+23.89, 22.4' RT
RIM ELEV=673.71
PR INV=669.95 (W)
PR INV=669.95 (SE)
EX INV=669.95 (N)
720 RCP STORM SEWER
TYPE 2 - 12" = 6.1'

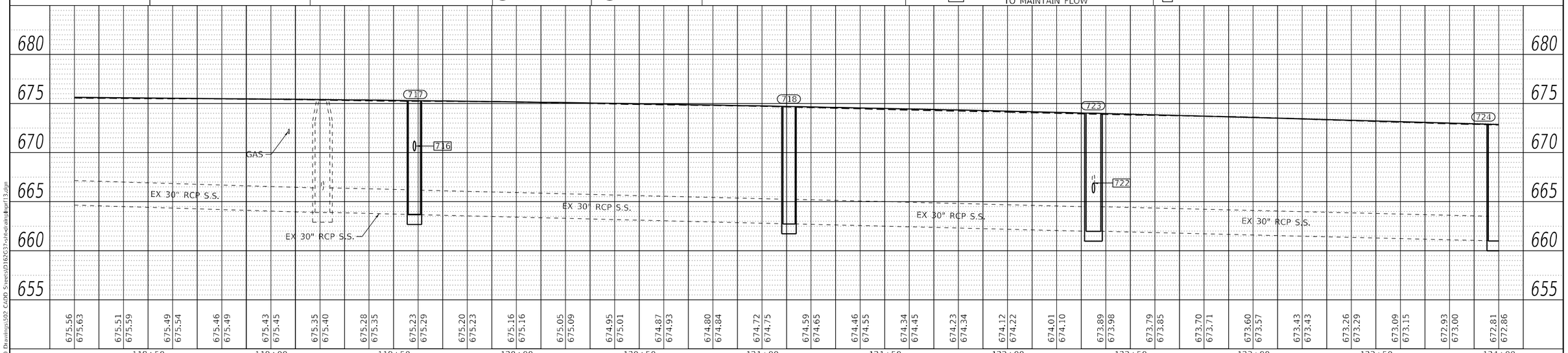
720 STA 122+31.00, 28.5' RT
RIM ELEV=673.50
PR INV=669.96 (NW)

725 STA 123+98.79, 28.5' RT
RIM ELEV=672.34
PR INV=668.53 (E)

## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | SANITARY SEWER |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | FMF CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | REC DRAINAGE STRUCTURE RECONSTRUCTED; ADJ DRAINAGE STRUCTURE TO BE ADJUSTED; C DRAINAGE STRUCTURE TO BE CLEANED |

0 20 40 60
SCALE IN FEET




| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-634-0360
www.bowman.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 13 OF 17 SHEETS | STA. 118+20 TO STA. 124+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 120 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

PLAN — SURVEYED; PLOTTED; CROSS SECTIONS CHECKED; R.M. NOTED; STRUCTURE NOTATIONS CHKD; NOTE BOOK; NO.; BY; DATE

PROFILE — SURVEYED; PLOTTED; CROSS SECTIONS CHECKED; R.M. NOTED; STRUCTURE NOTATIONS CHKD; NOTE BOOK; NO.; BY; DATE

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-drainprof13.dgn

(727) STA 124+82.85, 22.9' LT
RIM ELEV=N/A
EX INV=666.27 (N)
EX INV=666.27 (S)

(728) STA 125+50.00, 47.8' LT
RIM ELEV=670.62
PR INV=663.15 (S)
[728] RCP STORM SEWER
TYPE 2 - 12" = 13.8'

(728A) STA 125+50.00, 28.5' LT
RIM ELEV=671.38
PR INV=663.08 (N)
PR INV=658.81 (E)
PR INV=660.09 (W)
[728A] RCP STORM SEWER
TYPE 2 - 36" = 63.5'

(729) STA 126+20.01, 28.5' LT
RIM ELEV=670.70
PR INV=658.62 (W)
PR INV=658.62 (E)
PR INV=664.87 (S)
[729] RCP STORM SEWER
TYPE 2 - 36" = 117.5'

(730) STA 126+89.97, 55.0' LT
RIM ELEV=670.75
PR INV=664.55 (E)
[730] RCP STORM SEWER
TYPE 2 - 12" = 25.5'

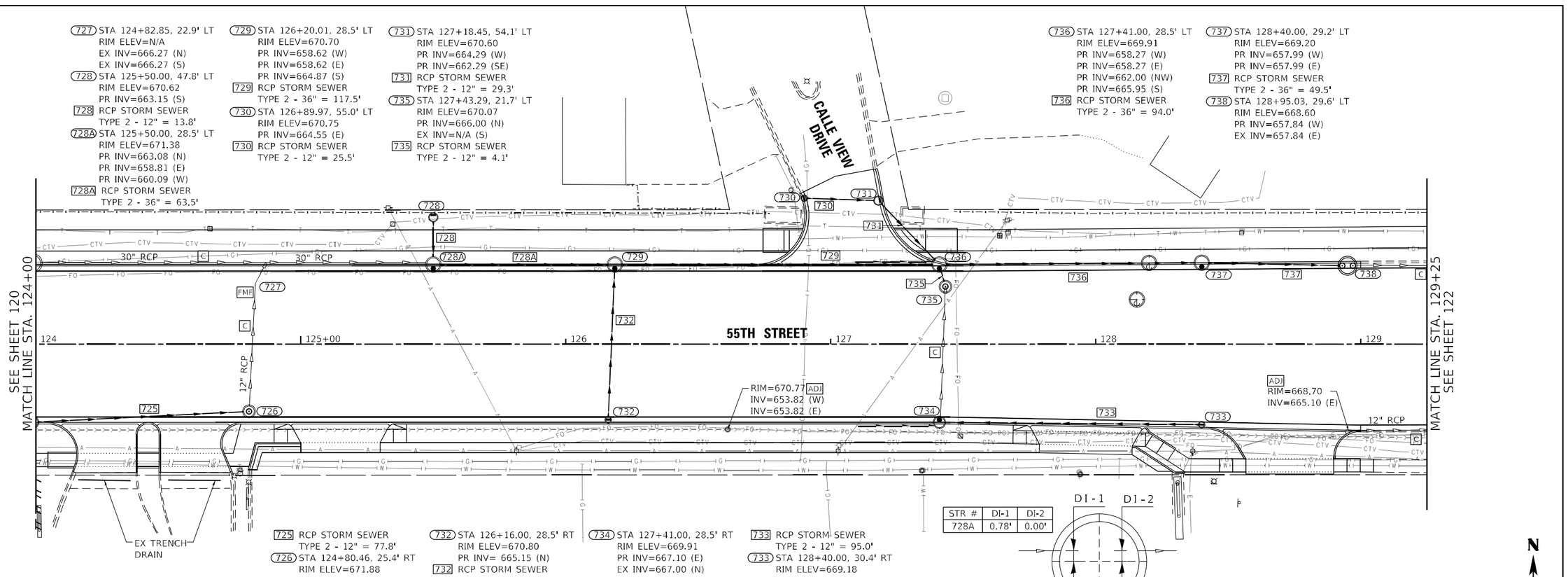
(731) STA 127+18.45, 54.1' LT
RIM ELEV=670.60
PR INV=664.29 (W)
PR INV=662.29 (SE)
[731] RCP STORM SEWER
TYPE 2 - 12" = 29.3'

(735) STA 127+43.29, 21.7' LT
RIM ELEV=670.07
PR INV=666.00 (N)
EX INV=N/A (S)
[735] RCP STORM SEWER
TYPE 2 - 12" = 4.1'

(736) STA 127+41.00, 28.5' LT
RIM ELEV=669.91
PR INV=658.27 (W)
PR INV=658.27 (E)
PR INV=662.00 (NW)
PR INV=665.95 (S)
[736] RCP STORM SEWER
TYPE 2 - 36" = 94.0'

(737) STA 128+40.00, 29.2' LT
RIM ELEV=669.20
PR INV=657.99 (W)
PR INV=657.99 (E)
[737] RCP STORM SEWER
TYPE 2 - 36" = 49.5'

(738) STA 128+95.03, 29.6' LT
RIM ELEV=668.60
PR INV=657.84 (W)
EX INV=657.84 (E)




[725] RCP STORM SEWER
TYPE 2 - 12" = 77.8'

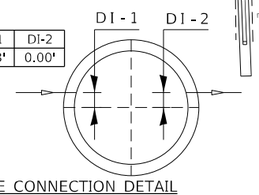
(726) STA 124+80.46, 25.4' RT
RIM ELEV=671.88
PR INV=667.76 (W)
EX INV=667.76 (N)

(732) STA 126+16.00, 28.5' RT
RIM ELEV=670.80
PR INV= 665.15 (N)
[732] RCP STORM SEWER
TYPE 2 - 12" = 55.1'

(734) STA 127+41.00, 28.5' RT
RIM ELEV=669.91
PR INV=667.10 (E)
EX INV=667.00 (N)

(733) STA 128+40.00, 30.4' RT
RIM ELEV=669.18
PR INV= 667.48 (W)

| STR # | DI-1 | DI-2 |
|---|---|---|
| 728A | 0.78' | 0.00' |




N

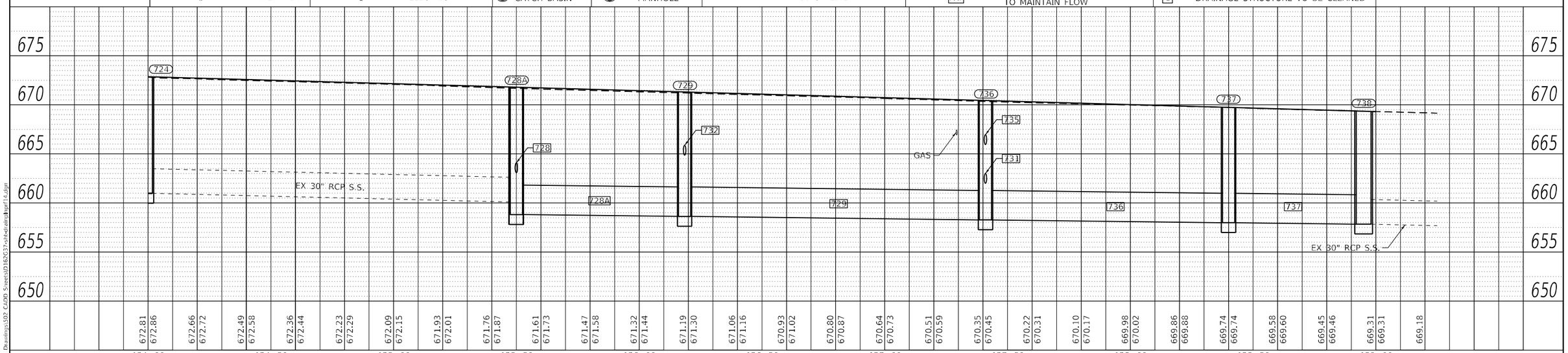
0 20 40 60
SCALE IN FEET

## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| T TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | SANITARY SEWER |
| W WATERMAIN | E ELECTRIC | CATCH BASIN | MANHOLE | | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW (FMF) |

REC DRAINAGE STRUCTURE RECONSTRUCTED
ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
C DRAINAGE STRUCTURE TO BE CLEANED

## DRAINAGE CONNECTION DETAIL




| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 14 OF 17 SHEETS | STA. 124+00 TO STA. 129+25

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 121 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS FED. AID PROJECT | | |

PLAN: SURVEYED / PLOTTED / DRAWN / CHECKED / ALIGNMENT CHECKED / R.O. WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / DRAWN / CHECKED / BM. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO. / BY / DATE

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-draingprof14.dgn

PLAN
SURVEYED
PLOTTED
PLOTTED CHECKED
ALIGNMENT CHECKED
R.O. WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
PLOTTED CHECKED
GRADES CHECKED
MA. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37+sht+drainpprf15.dgn

SEE SHEET 121
MATCH LINE STA. 129+25

MATCH LINE STA. 135+00
SEE SHEET 123

BRAINARD AVENUE

STONE AVENUE

55TH STREET

RIM=668.52
INV=663.47 (E)
INV=663.47 (W)

ADJ RIM=668.55
INV=664.05 (SW)
INV=663.55 (SE)

RIM=668.29
INV=664.94 (S)

REC RIM=668.20
INV=664.20 (NE)
INV=664.20 (SW)

ADJ RIM=667.84
INV=664.44 (NE)

RIM=668.61
INV=664.26 (N)
INV=662.96 (S)
INV=662.10 (NE)

RIM=668.15
INV=659.35 (N)
INV=657.00 (E)
INV=662.45 (NW)
INV=657.00 (W)

RIM=668.83
INV=659.83 (N)
INV=658.83 (S)

RIM=668.57
INV=665.17 (W)

PROP. ROW

RIM=666.43
INV=662.68 (SE)

RIM=666.68
INV=661.88 N)
INV=661.88 (NE)
INV=661.88 (S)

RIM=666.43
INV=663.63 (N)

RIM=665.12
INV=660.57 (N)
INV=660.57 (SE)

RIM=663.40
INV=660.35 (N)
INV=659.80 (S)
INV=659.85 (E)
INV=659.85 (W)

RIM=663.62
INV=660.27 (E)

RIM=664.40
INV=660.85 (S)

RIM=665.00
INV=660.75 (N)
INV=659.90 (NE)

RIM=665.04
INV=661.54 (E)
INV=661.54 (S)

RIM=664.57
INV=661.72 (N)
INV=661.72 (SW)

RIM=664.84
INV=661.84 (NE)

RIM=668.22
INV=664.22 (N)
INV=664.92 (E)
INV=664.42 (W)

RIM=667.93
INV=664.28 (W)

RIM=668.43
INV=653.63 (W)
INV=653.63 (SE)

48" RCP
12" RCP
15" RCP
30" RCP
8" PVC
8" CPP

130+00 131 132 133 134

258 259 257

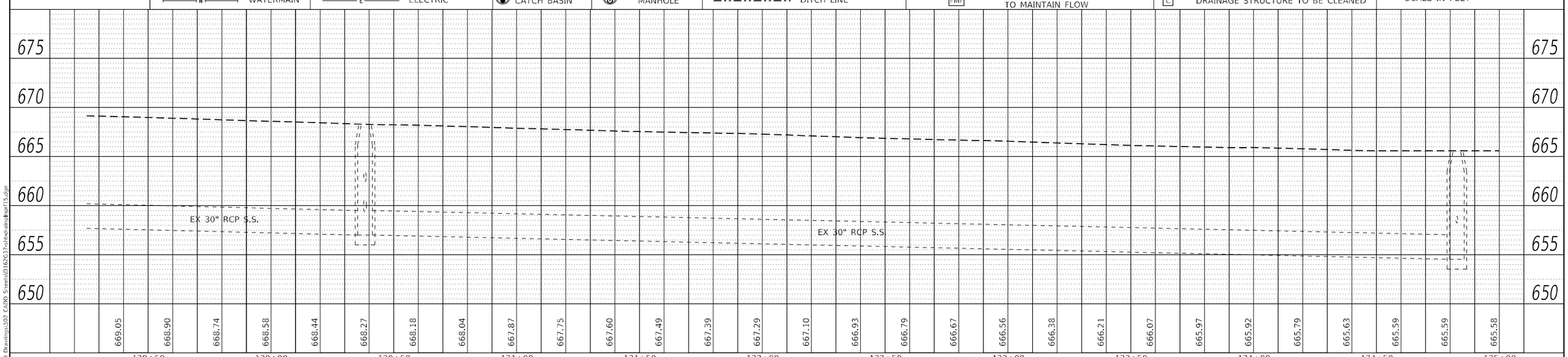
## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | | SANITARY SEWER |
| WATERMAIN | ELECTRIC | CATCH BASIN | MANHOLE | DITCH LINE | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW |

REC DRAINAGE STRUCTURE RECONSTRUCTED
ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
C DRAINAGE STRUCTURE TO BE CLEANED

N

0 20 40 60
SCALE IN FEET





Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowmanus.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 15 OF 17 SHEETS | STA. 129+25 | TO STA. 135+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 122 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

RIM=664.73
INV=658.23 (N)
INV=654.53 (E)
INV=654.53 (W)

8" CPP

30" RCP

SEE SHEET 122
MATCH LINE STA. 135+00

RIM=664.38
INV=659.18 (N)
INV=659.18 (S)

12" RCP

RIM=664.90
INV=657.90 (NW)
INV=654.40 (N)
INV=654.40 (S)

12" RCP

RIM=664.46
INV=658.71 (NE)
INV=658.71 (S)

12" RCP

MATCH LINE STA. 139+75
SEE SHEET 124

135+00 136 137 **55TH STREET** 138 139

RIM=664.41
INV=660.71 (N)

12" RCP

12" RCP

RIM=664.38
INV=660.48 (N)
INV=660.48 (SW)

RIM=663.78
INV=660.83 (NE)

12"△R

## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G — GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE 2' X 6' BOX CULVERT | STORM SEWER |
| T — TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | SANITARY SEWER |
| W — WATERMAIN | E — ELECTRIC | CATCH BASIN | MANHOLE | | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW (FMF) |

REC DRAINAGE STRUCTURE RECONSTRUCTED
ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
C DRAINAGE STRUCTURE TO BE CLEANED

N

0 20 40 60
SCALE IN FEET

675 670 665 660 655 650

12" SANITARY SEWER

665.58 665.58 665.58 665.58 665.57 665.56 665.46 665.36 665.33 665.32 665.30 665.25 665.20 665.15 665.17 665.17 665.15 665.10 665.10 665.11 665.11 665.08 665.06 665.03 665.00

135+00 135+50 136+00 136+50 137+00 137+50 138+00 138+50 139+00 139+50

PLAN: SURVEYED, PLOTTED, CHECKED, AS-BUILT CHECKED, R/W CHECKED, CADD FILE NAME, BY, DATE
NOTE BOOK NO.

PROFILE: SURVEYED, PLOTTED, CHECKED, IBM, STRUCTURE NOTATIONS CHKD
NOTE BOOK NO.

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-drainplanprof16.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowman.com

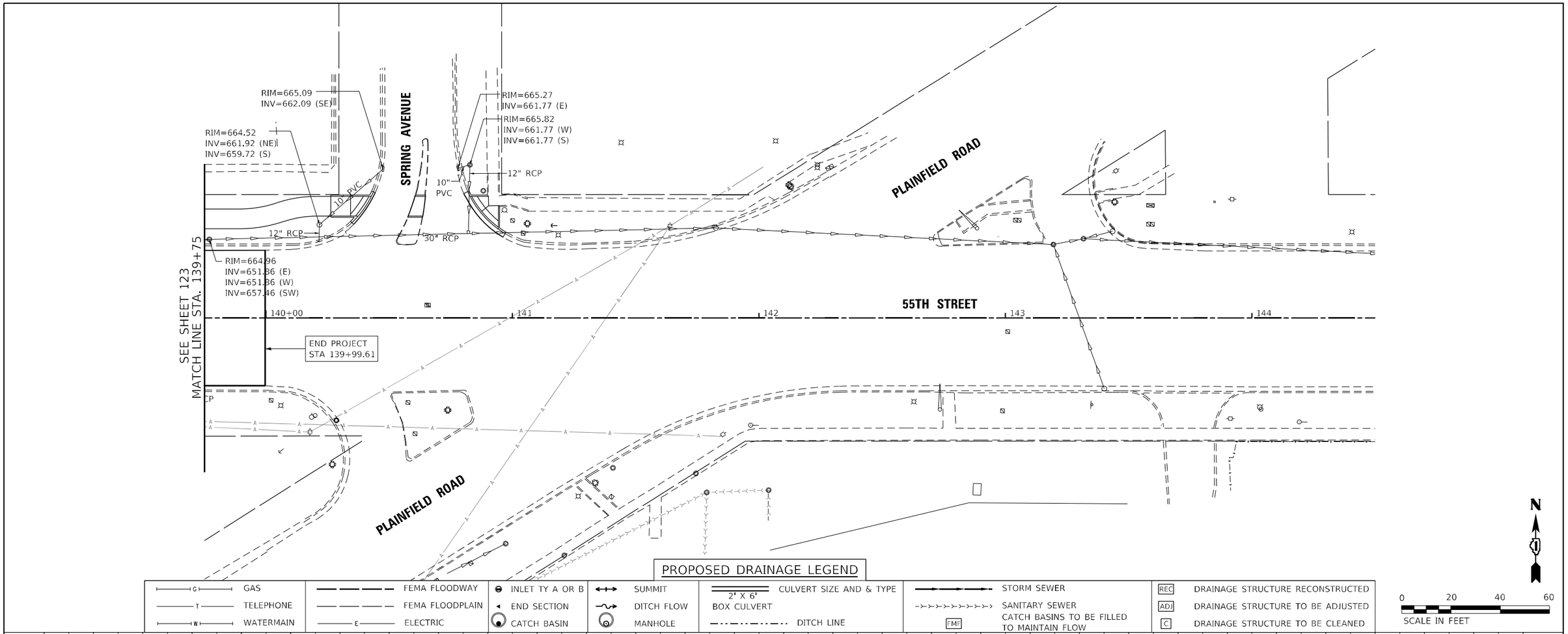
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - |
| | DRAWN - JNB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 16 OF 17 SHEETS | STA. 135+00 | TO STA. 139+75

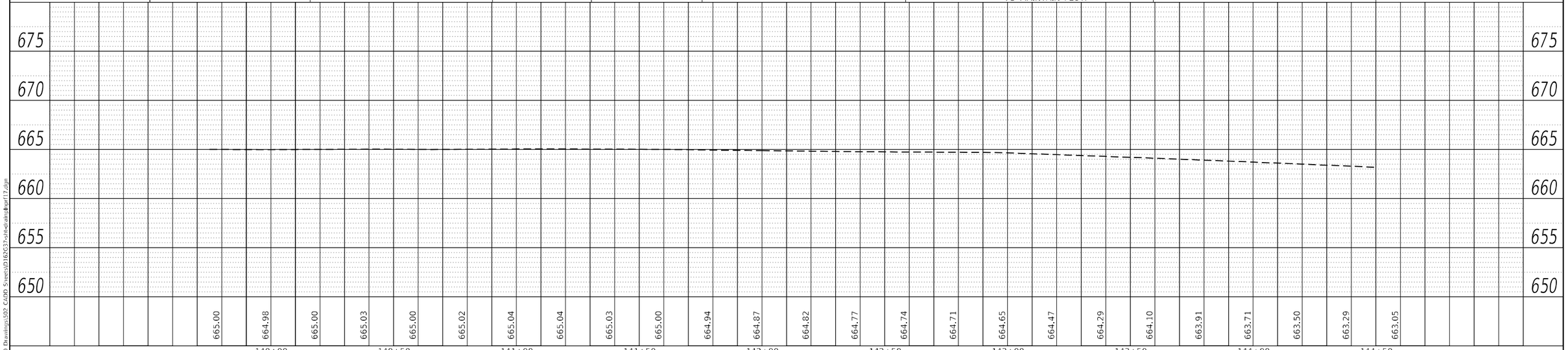
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 123 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




## PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| G — GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | 2' X 6' BOX CULVERT — CULVERT SIZE AND & TYPE | STORM SEWER |
| T — TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | SANITARY SEWER |
| W — WATERMAIN | E — ELECTRIC | CATCH BASIN | MANHOLE | FMF — CATCH BASINS TO BE FILLED TO MAINTAIN FLOW | REC — DRAINAGE STRUCTURE RECONSTRUCTED<br>ADJ — DRAINAGE STRUCTURE TO BE ADJUSTED<br>C — DRAINAGE STRUCTURE TO BE CLEANED |

0 20 40 60
SCALE IN FEET




PLAN — SURVEYED — PLOTTED — ALIGNMENT CHECKED — R.O.W. CHECKED — CADD FILE NAME — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — PLOTTED — GRADE CHECKED — H.A. NOTED — STRUCTURE NOTATIONS CHKD — NOTE BOOK — NO. — BY — DATE

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-drainplnpf17.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0160
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JWM | REVISED - | |
| | DRAWN - JNB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**55TH STREET**

SCALE: 1" = 20' | SHEET 17 OF 17 SHEETS | STA. 139+75 | TO STA. END

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 124 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| PLAN | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| ALIGNMENT CHECKED | | |
| R.O.W. CHECKED | | |
| CADD FILE NAME | | |
| NOTE BOOK | | |
| NO. | | |

(901) STA 239+85.17, 32.0' LT
RIM ELEV=684.51
PR INV=682.21 (S)
PR INV=682.21 (N)

(902) STA 239+59.88, 27.6' LT
RIM ELEV=684.37
PR INV=682.12 (SE)
PR INV=682.12 (N)

(ES-1) STA 241+00.00, 39.5' LT
INV ELEV=681.12

(ES-2) STA 241+50.00, 35.6' LT
INV ELEV=680.87

[901] RCP STORM SEWER
TYPE 2 - 12" = 23.7'

[CU-1] PIPE CULVERTS, CL A,
TYPE 2 - 12" = 38.0'

NORTHWEST COURT

RIM=682.75
INV=678.65 (SE)
INV=678.65 (N)

INV=680.70
15" RCP
15' RCP

RIM=683.72
INV=680.28 (W)
INV=680.28 (E)

RIM=682.60
INV=680.30 (NW)

RIM=683.88
INV=680.28 (W)
INV=680.28 (SE)

12" RCP

WILLOW SPRINGS ROAD

55TH STREET

NORTHEAST COURT

54TH PLACE

RIM=681.83
FULL OF WATER
INVERT NOT FOUND

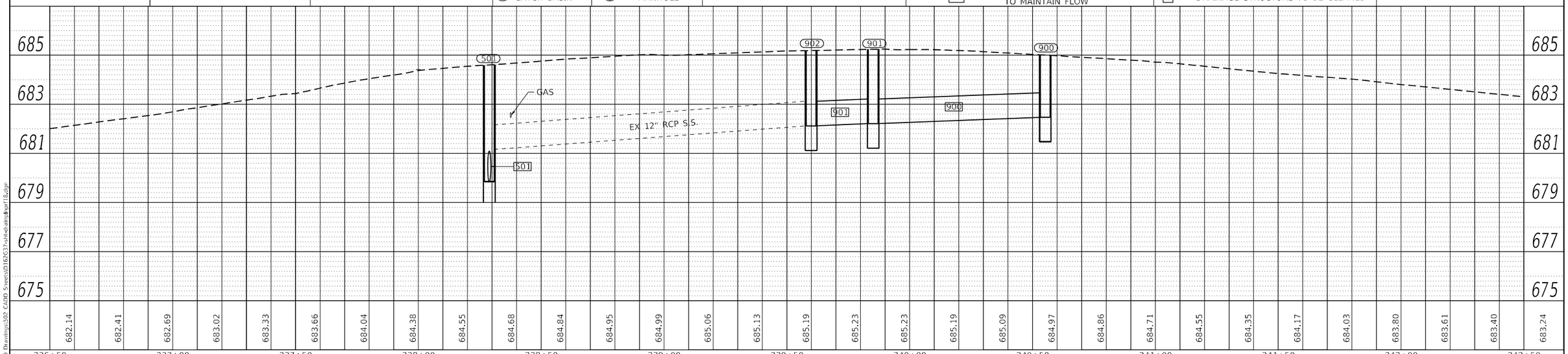
PROPOSED DRAINAGE LEGEND

| | | | | | |
|---|---|---|---|---|---|
| GAS | FEMA FLOODWAY | INLET TY A OR B | SUMMIT | CULVERT SIZE AND & TYPE (2' X 6' BOX CULVERT) | STORM SEWER |
| TELEPHONE | FEMA FLOODPLAIN | END SECTION | DITCH FLOW | DITCH LINE | SANITARY SEWER |
| WATERMAIN | ELECTRIC | CATCH BASIN | MANHOLE | | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW |

[REC] DRAINAGE STRUCTURE RECONSTRUCTED
[ADJ] DRAINAGE STRUCTURE TO BE ADJUSTED
[C] DRAINAGE STRUCTURE TO BE CLEANED

0 20 40 60
SCALE IN FEET

| PROFILE | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| GRADES CHECKED | | |
| BM. NOTED | | |
| STRUCTURE NOTATNS CHKD | | |
| NOTE BOOK | | |
| NO. | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D1625G37-sht-drainprof118.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowmanus.com

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = egrzeskowiak | | DESIGNED - JWM | | REVISED - | |
| | | DRAWN - JNB | | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | | CHECKED - EJG | | REVISED - | |
| PLOT DATE = 03/24/2023 | | DATE - 03/24/2023 | | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**WILLOW SPRINGS ROAD**

SCALE: 1" = 20' | SHEET 1 OF 1 SHEETS | STA. 236+50 | TO STA. 242+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 125 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## LEGEND

ALL UTILITY INFORMATION HEREON IS DEPICTED TO QUALITY LEVEL "B" (QL-B) UNLESS OTHERWISE NOTED. QL-B INFORMATION IS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO IDENTIFY THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QL-B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO PLAN DOCUMENTS.

SIZE INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE UTILITY RECORDS.

ABBREVIATIONS:

| | |
|---|---|
| (QL-C) | DEPICTED ACCORDING TO RECORD INFORMATION AND EXISTING ASSOCIATED UTILITY STRUCTURES. NO ELECTRONIC INFORMATION WAS OBTAINED. |
| (QL-D) | DEPICTED ACCORDING TO RECORD INFORMATION. NO ELECTRONIC INFORMATION WAS OBTAINED. |
| (DATF) | DEPICTED ACCORDING TO FIELD INSPECTION |
| (FO) | FIBER OPTIC |
| (AATUR) | ABANDONED ACCORDING TO UTILITY RECORDS |
| (AATFI) | ABANDONED ACCORDING TO FIELD INSPECTION |
| (EATFI) | EMPTY ACCORDING TO FIELD INSPECTION |
| EOI | END OF ELECTRONIC DESIGNATING INFORMATION |
| EORI | END OF UTILITY RECORD INFORMATION |
| (NAC) | NO ASSOCIATED CABLE FOUND FROM UTILITY STRUCTURE |
| (NAP) | NO ASSOCIATED PIPING FOUND FROM UTILITY STRUCTURE |
| ⟵ | UTILITY ENDPOINT |

UNLESS OTHERWISE NOTED, UTILITY LINE LIMITS DEPICTED REPRESENT FIELD DESIGNATING LIMITS AND NOT ENDPOINTS OF UTILITIES.

UTILITY INFORMATION LABELED "QL-C" OR "QL-B" IS DERIVED FROM FURNISHED RECORDS. SUCH INFORMATION MAY NOT BE ACCURATE OR RELIABLE. SAM, LLC EXPRESSLY DISCLAIMS RESPONSIBILITY FOR THE ACCURACY OR RELIABILITY OF UTILITY INFORMATION DEPICTED ACCORDING TO RECORDS.

ELECTRONIC DEPTH READINGS WERE TAKEN DIRECTLY FROM ELECTRONIC DESIGNATION INSTRUMENTS AND HAVE NOT BEEN VERIFIED BY ANY OTHER MEANS. EQUIPMENT MANUFACTURERS WILL NOT GUARANTEE AND ACCURACY FOR THIS DATA. THEREFORE, THE DEPTH READINGS ARE NOT TO BE CONSIDERED SUITABLE FOR DESIGN DECISIONS. SAM, LLC DOES NOT WARRANT OR GUARANTEE THE ACCURACY OR RELIABILITY OF ANY ELECTRONIC DEPTH READINGS

ILLINOIS
SCOTT A. WECHTER
REG. 62-042188
REGISTERED PROFESSIONAL ENGINEER

I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 02/06/2020

SCOTT A. WECHTER
PROJECT MANAGER SAM, LLC

SAM®

| | |
|---|---|
| D162G37-SUE.DGN | Designated By: C.K./G.M. |
| Scale: 1"=50' | Drafted By: J.B |
| Sheet: 1 | Checked By: S.W/L.P. |
| Date:02/06/2020 | 1018045328K |

A — AERIAL
CTV — CABLE TV
E — ELECTRIC
FO — FIBER OPTIC
G — GAS
O — OIL
SANITARY SEWER
T — TELEPHONE
W — WATER

## UTILITY OWNERS

COMED
ATTN: LISA ARGAST
COMED PUBLIC RELOCATION
LINCOLN CENTER ONE
630-437-3381
LISA.ARGAST@COMED.COM

LA GRANGE HIGHLANDS SANITARY DISTRICT
ATTN: JASON SHEPLER
(708) 246-5657
jmshep78@hotmail.com

ILLINOIS DEPARTMENT
OF TRANSPORTATION
ATTN: SUDUD MAHMOUD
REGION ONE
UTILITIES COORDINATOR
BUREAU OF DESIGN
847-705-4258
SUDUD.MAHMOUD@ILLINOIS.GOV

AT&T LEGAL MANDATE
ENGINEERING
ATTN: URMI PICONE
1000 COMMERCE DRIVE
OAK BROOK, IL 60523
UB2591@ATT.COM

NICOR GAS
ATTN: BRUCE KOPPANG
1844 FERRY ROAD
NAPERVILLE, IL 60563
630-388-3046
bkoppang@southernco.com

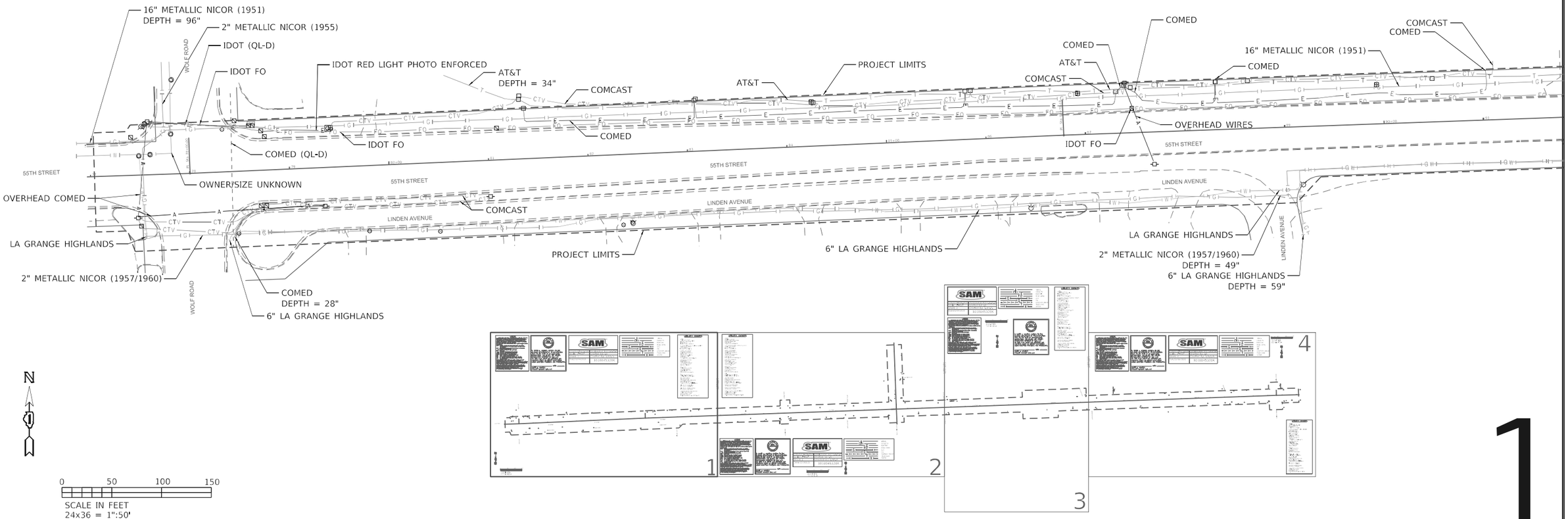
MCI
ATTN: EFRAIN RODRIGUEZ
efrain.rodriguez@verizon.com

REDSPEED ILLINOIS
MR. JOSE CHAVEZ
400 EISENHOWER LANE NORTH
LOMBARD, IL 60148
MAIN OFFICE: (630) 317-5700
Jose.Chavez@RedSpeed-Illinois.com

VILLAGE OF COUNTRYSIDE
(NO RECORDS RECEIVED)

VILLAGE OF WESTERN SPRINGS
(NO RECORDS RECEIVED)

COMCAST (RECORD NOT RECEIVED)
ATTN:ROBERT SCHULTER
688 INDUSTRIAL DRIVE
ELMHURST, IL 60126
BOB_SCHULTER@CABLE.COMCAST.COM







N

0 50 100 150
SCALE IN FEET
24x36 = 1":50'
11x17 = 1":100'

MATCH SHEET 2

MODEL: 1018045328K
FILE NAME: 1018045328K

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = UNTITLED | DESIGNED - S.W. | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | 55TH STREET &<br>WILLOW SPRINGS ROAD | |
| | DRAWN - J.B. | REVISED - | | | |
| PLOT SCALE = 1"=50' | CHECKED - L.P./S.W. | REVISED - | | | |
| PLOT DATE = 01/14/2020 | DATE - 02/06/2020 | REVISED - | | SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 77+00 TO STA. 91+80 | |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | | COOK | 282 | 126 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## UTILITY OWNERS

COMED
ATTN: LISA ARGAST
COMED PUBLIC RELOCATION
LINCOLN CENTER ONE
630-437-3381
LISA.ARGAST@COMED.COM

LA GRANGE HIGHLANDS SANITARY DISTRICT
ATTN: JASON SHEPLER
(708) 246-5657
jmshep78@hotmail.com

ILLINOIS DEPARTMENT
OF TRANSPORTATION
ATTN: SUDUD MAHMOUD
REGION ONE
UTILITIES CORORDINATOR
BUREAU OF DESIGN
847-705-4258
SUDUD.MAHMOUD@ILLINOIS.GOV

AT&T LEGAL MANDATE
ENGINEERING
ATTN: URMI PICONE
1000 COMMERCE DRIVE
OAK BROOK, IL 60523
UB2591@ATT.COM

NICOR GAS
ATTN: BRUCE KOPPANG
1844 FERRY ROAD
NAPERVILLE, IL 60563
630-388-3046
bkoppang@southernco.com

MCI
ATTN: EFRAIN RODRIGUEZ
efrain.rodriguez@verizon.com

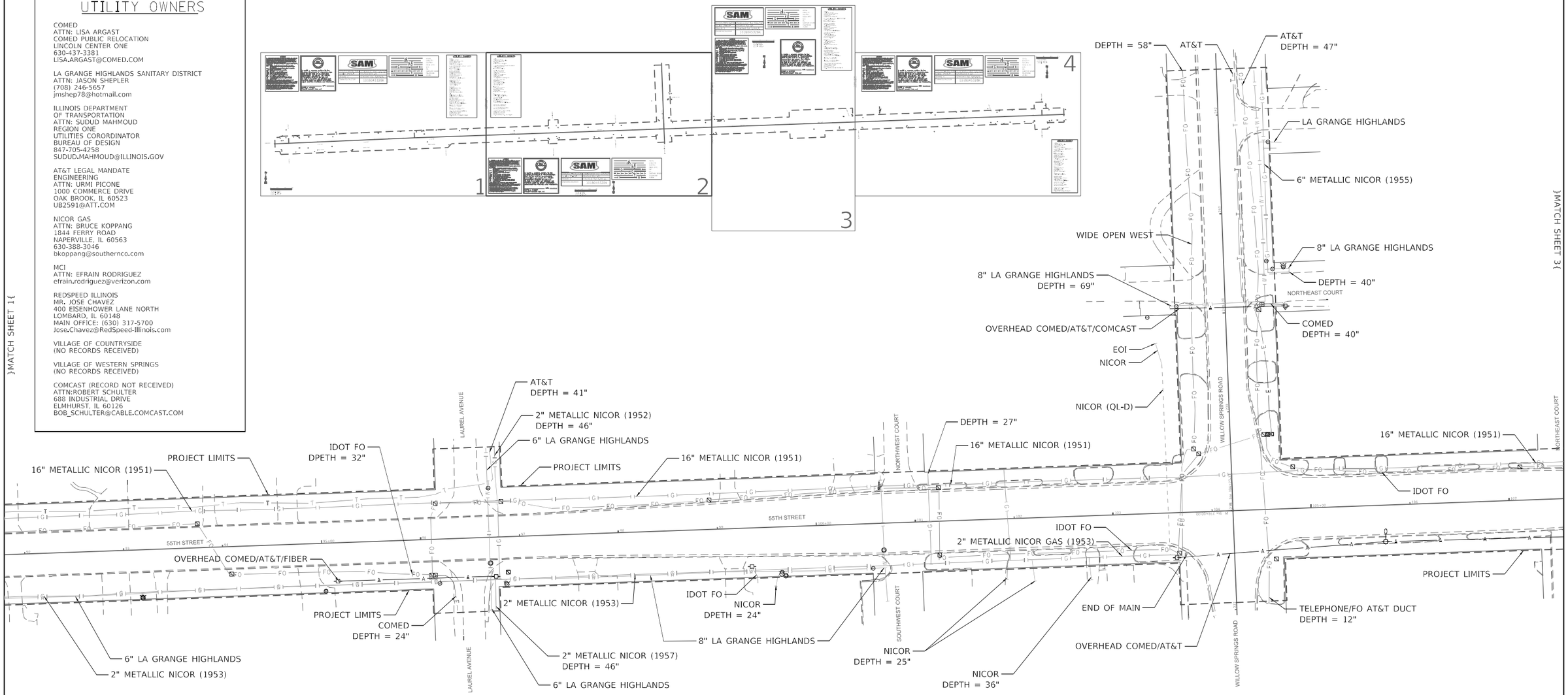
REDSPEED ILLINOIS
MR. JOSE CHAVEZ
400 EISENHOWER LANE NORTH
LOMBARD, IL 60148
MAIN OFFICE: (630) 317-5700
Jose.Chavez@RedSpeed-Illinois.com

VILLAGE OF COUNTRYSIDE
(NO RECORDS RECEIVED)

VILLAGE OF WESTERN SPRINGS
(NO RECORDS RECEIVED)

COMCAST (RECORD NOT RECEIVED)
ATTN:ROBERT SCHULTER
688 INDUSTRIAL DRIVE
ELMHURST, IL 60126
BOB_SCHULTER@CABLE.COMCAST.COM




## LEGEND

ALL UTILITY INFORMATION HEREON IS DEPICTED TO QUALITY LEVEL "B" (QL-B) UNLESS OTHERWISE NOTED. QL-B INFORMATION IS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO IDENTIFY THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QL-B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO PLAN DOCUMENTS.
SIZE INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE UTILITY RECORDS.

ABBREVIATIONS:

| | |
|---|---|
| (QL-C) | DEPICTED ACCORDING TO RECORD INFORMATION AND EXISTING ASSOCIATED UTILITY STRUCTURES. NO ELECTRONIC INFORMATION WAS OBTAINED. |
| (QL-D) | DEPICTED ACCORDING TO RECORD INFORMATION. NO ELECTRONIC INFORMATION WAS OBTAINED. |
| (D/ATF) | DEPICTED ACCORDING TO FIELD INSPECTION |
| (FO) | FIBER OPTIC |
| (A&TUR) | ABANDONED ACCORDING TO UTILITY RECORDS |
| (A&TF) | ABANDONED ACCORDING TO FIELD INSPECTION |
| (E/ATF) | EMPTY ACCORDING TO FIELD INSPECTION |
| EOI | END OF ELECTRONIC DESIGNATING INFORMATION |
| EOR) | END OF UTILITY RECORD INFORMATION |
| (NAC) | NO ASSOCIATED CABLE FOUND FROM UTILITY STRUCTURE |
| (NAP) | NO ASSOCIATED PIPING FOUND FROM UTILITY STRUCTURE |
| ⟵ | UTILITY ENDPOINT |

UNLESS OTHERWISE NOTED, UTILITY LINE LIMITS DEPICTED REPRESENT FIELD DESIGNATING LIMITS AND NOT ENDPOINTS OF UTILITIES.
UTILITY INFORMATION LABELED "QL-C" OR "QL-D" IS DERIVED FROM FURNISHED RECORDS. SUCH INFORMATION MAY NOT BE ACCURATE OR RELIABLE. SAM, LLC EXPRESSLY DISCLAIMS RESPONSIBILITY FOR THE ACCURACY OR RELIABILITY OF UTILITY INFORMATION DEPICTED ACCORDING TO RECORDS.

ELECTRONIC DEPTH READINGS WERE TAKEN DIRECTLY FROM ELECTRONIC DESIGNATION INSTRUMENTS AND MAY NOT BE VERIFIED BY ANY OTHER MEANS. EQUIPMENT MANUFACTURERS WILL NOT GUARANTEE THE ACCURACY FOR THIS DATA. THEREFORE, THE DEPTH READINGS ARE NOT TO BE CONSIDERED SUITABLE FOR DESIGN DECISIONS. SAM, LLC DOES NOT WARRANT OR GUARANTEE THE ACCURACY OR RELIABILITY OF ANY ELECTRONIC DEPTH READINGS

SCOTT A. WECHTER
REG. 62-042188
REGISTERED PROFESSIONAL ENGINEER
ILLINOIS

I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 02/06/2020

SCOTT A. WECHTER
PROJECT MANAGER SAM, LLC

SAM®

| | |
|---|---|
| D162G37-SUE.DGN | Designated By: C.K./G.M. |
| Scale: 1"=50' | Drafted By: J.B |
| Sheet: 2 | Checked By: S.W/L.P. |
| Date:02/06/2020 | 1018045328K |

| | |
|---|---|
| A | AERIAL |
| CTV | CABLE TV |
| E | ELECTRIC |
| FO | FIBER OPTIC |
| G | GAS |
| O | OIL |
| | SANITARY SEWER |
| T | TELEPHONE |
| W | WATER |

0 50 100 150
SCALE IN FEET
24x36 = 1":50'
11x17 = 1":100'

N

2

MODEL: 1018045328K
FILE NAME: 1018045328K

| | | |
|---|---|---|
| USER NAME = UNTITLED | DESIGNED - S.W. | REVISED - |
| | DRAWN - J.B. | REVISED - |
| PLOT SCALE = 1"=50' | CHECKED - L.P./S.W. | REVISED - |
| PLOT DATE = 01/14/2020 | DATE - 02/06/2020 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**55TH STREET &**
**WILLOW SPRINGS ROAD**

SCALE: 1"=50' | SHEET 2 OF 4 SHEETS | STA. 91+80 TO STA. 107+50

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | | COOK | 282 | 127 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: 1018045328K
FILE NAME: 1018045328K

| | |
|---|---|
| D162G37-SUE.DGN | Designated By: C.K./G.M. |
| Scale: 1"=50' | Drafted By: J.B |
| Sheet: 3 | Checked By: S.W/L.P. |
| Date:02/06/2020 | 1018045328K |

| | |
|---|---|
| A | AERIAL |
| CTV | CABLE TV |
| E | ELECTRIC |
| FO | FIBER OPTIC |
| G | GAS |
| O | OIL |
| S | SANITARY SEWER |
| T | TELEPHONE |
| W | WATER |

## UTILITY OWNERS

COMED
ATTN: LISA ARGAST
COMED PUBLIC RELOCATION
LINCOLN CENTER ONE
630-437-3381
LISA.ARGAST@COMED.COM

LA GRANGE HIGHLANDS SANITARY DISTRICT
ATTN: JASON SHEPLER
(708) 246-5657
jmshep78@hotmail.com

ILLINOIS DEPARTMENT
OF TRANSPORTATION
ATTN: SUDUD MAHMOUD
REGION ONE
UTILITIES CORORDINATOR
BUREAU OF DESIGN
847-705-4258
SUDUD.MAHMOUD@ILLINOIS.GOV

AT&T LEGAL MANDATE
ENGINEERING
ATTN: URMI PICONE
1000 COMMERCE DRIVE
OAK BROOK, IL 60523
UB2591@ATT.COM

NICOR GAS
ATTN: BRUCE KOPPANG
1844 FERRY ROAD
NAPERVILLE, IL 60563
630-388-3046
bkoppang@southernco.com

MCI
ATTN: EFRAIN RODRIGUEZ
efrain.rodriguez@verizon.com

REDSPEED ILLINOIS
MR. JOSE CHAVEZ
400 EISENHOWER LANE NORTH
LOMBARD, IL 60148
MAIN OFFICE: (630) 317-5700
Jose.Chavez@RedSpeed-Illinois.com

VILLAGE OF COUNTRYSIDE
(NO RECORDS RECEIVED)

VILLAGE OF WESTERN SPRINGS
(NO RECORDS RECEIVED)

COMCAST (RECORD NOT RECEIVED)
ATTN:ROBERT SCHULTER
688 INDUSTRIAL DRIVE
ELMHURST, IL 60126
BOB_SCHULTER@CABLE.COMCAST.COM

## LEGEND

ALL UTILITY INFORMATION HEREON IS DEPICTED TO QUALITY LEVEL "B" (QL-B) UNLESS OTHERWISE NOTED. QL-B INFORMATION IS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO IDENTIFY THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QL-B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO PLAN DOCUMENTS.
SIZE INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE UTILITY RECORDS.

ABBREVIATIONS:
(QL-C) DEPICTED ACCORDING TO RECORD INFORMATION AND EXISTING ASSOCIATED UTILITY STRUCTURES. NO ELECTRONIC INFORMATION WAS OBTAINED.
(QL-D) DEPICTED ACCORDING TO RECORD INFORMATION. NO ELECTRONIC INFORMATION WAS OBTAINED.
(DATIF) DEPICTED ACCORDING TO FIELD INSPECTION
(FO) FIBER OPTIC
(AATUR) ABANDONED ACCORDING TO UTILITY RECORDS
(AATIF) ABANDONED ACCORDING TO FIELD INSPECTION
(EATIF) EMPTY ACCORDING TO FIELD INSPECTION
EOI END OF ELECTRONIC DESIGNATING INFORMATION
EOR) END OF UTILITY RECORD INFORMATION
(NAC) NO ASSOCIATED CABLE FOUND FROM UTILITY STRUCTURE
(NAP) NO ASSOCIATED PIPING FOUND FROM UTILITY STRUCTURE
E—— UTILITY ENDPOINT
UNLESS OTHERWISE NOTED, UTILITY LINE LIMITS DEPICTED REPRESENT FIELD DESIGNATING LIMITS AND NOT ENDPOINTS OF UTILITIES.
UTILITY INFORMATION LABELED "QL-C" OR "QL-D" IS DERIVED FROM FURNISHED RECORDS. SUCH INFORMATION MAY NOT BE ACCURATE OR RELIABLE. SAM, LLC EXPRESSLY DISCLAIMS RESPONSIBILITY FOR THE ACCURACY OR RELIABILITY OF UTILITY INFORMATION DEPICTED ACCORDING TO RECORDS.

ELECTRONIC DEPTH READINGS WERE TAKEN DIRECTLY FROM ELECTRONIC DESIGNATION INSTRUMENTS AND HAVE NOT BEEN VERIFIED BY ANY OTHER MEANS. EQUIPMENT MANUFACTURERS WILL NOT GUARANTEE AND ACCURACY FOR THIS DATA. THEREFORE, THE DEPTH READINGS ARE NOT TO BE CONSIDERED SUITABLE FOR DESIGN DECISIONS. SAM, LLC DOES NOT WARRANT OR GUARANTEE THE ACCURACY OR RELIABILITY OF ANY ELECTRONIC DEPTH READINGS

0 50 100 150
SCALE IN FEET
24x36 = 1":50'
11x17 = 1":100'

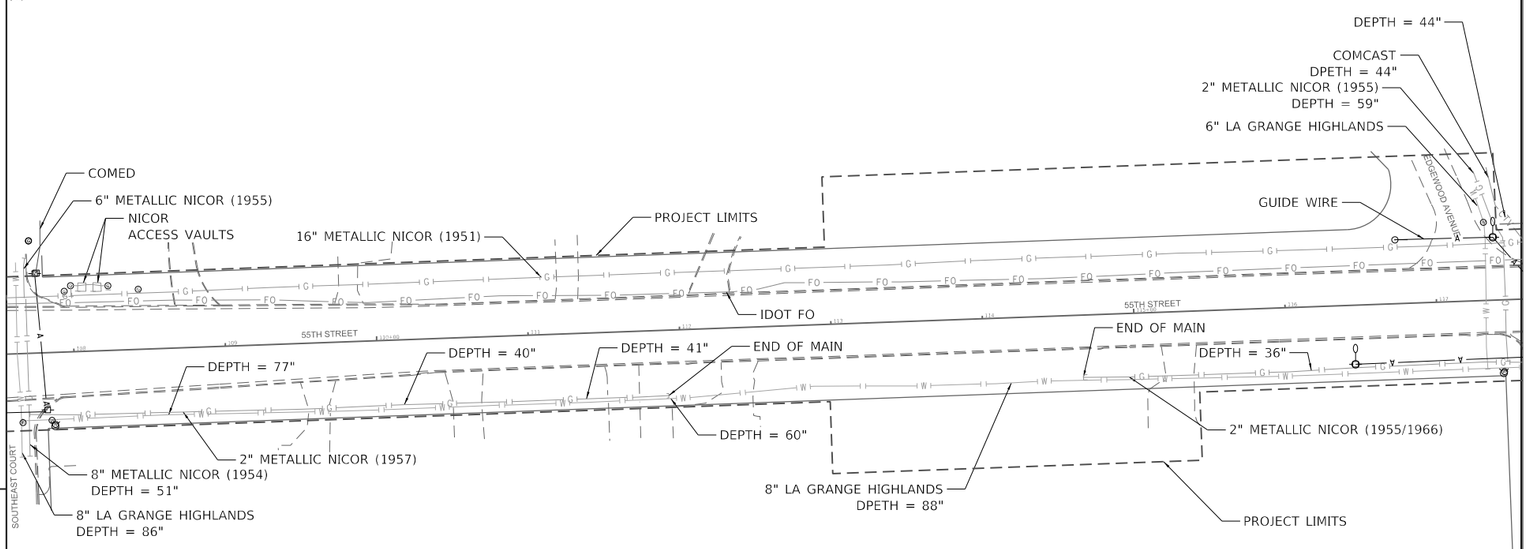
ILLINOIS
SCOTT A. WECHTER
REG. 62-042188
REGISTERED PROFESSIONAL ENGINEER

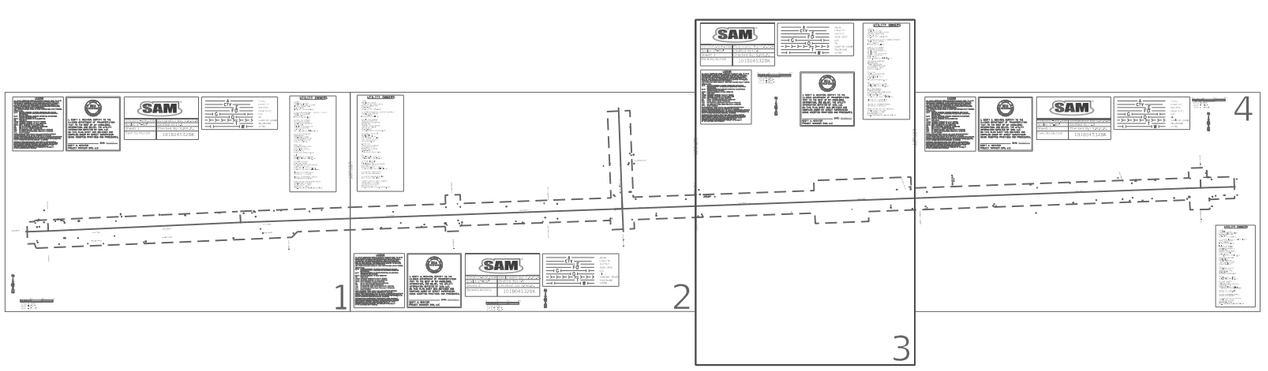
I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 02/06/2020

SCOTT A. WECHTER
PROJECT MANAGER SAM, LLC

}MATCH SHEET 2
}MATCH SHEET 4




**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**55TH STREET &**
**WILLOW SPRINGS ROAD**

SCALE: 1"=50'
SHEET 3 OF 4 SHEETS
STA. 107+50
TO STA. 117+50

F.A. RTE.
SECTION
COUNTY: COOK
TOTAL SHEETS: 282
SHEET NO.: 128
ILLINOIS FED. AID PROJECT
CONTRACT NO. 62G37

PLOT DATE = 01/14/2020
PLOT SCALE = 1"=50'
USER NAME = UNTITLED

DESIGNED - S.W.
DRAWN - J.B.
CHECKED - L.P./S.W.
DATE - 02/06/2020

REVISED -
REVISED -
REVISED -
REVISED -

3

)MATCH SHEET 3(

## LEGEND

ALL UTILITY INFORMATION HEREON IS DEPICTED TO QUALITY LEVEL "B" (QL-B) UNLESS OTHERWISE NOTED. QL-B INFORMATION IS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO IDENTIFY THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QL-B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OR TRACE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO PLAN DOCUMENTS.

SIZE INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE UTILITY RECORDS.

ABBREVIATIONS:

| | |
|---|---|
| (QL-C) | DEPICTED ACCORDING TO RECORD INFORMATION AND EXISTING ASSOCIATED UTILITY STRUCTURES. NO ELECTRONIC INFORMATION WAS OBTAINED. |
| (QL-D) | DEPICTED ACCORDING TO RECORD INFORMATION. NO ELECTRONIC INFORMATION WAS OBTAINED. |
| (DATFI) | DEPICTED ACCORDING TO FIELD INSPECTION |
| (FO) | FIBER OPTIC |
| (AATUR) | ABANDONED ACCORDING TO UTILITY RECORDS |
| (AATFI) | ABANDONED ACCORDING TO FIELD INSPECTION |
| (EATFI) | EMPTY ACCORDING TO FIELD INSPECTION |
| EOI | END OF ELECTRONIC DESIGNATING INFORMATION |
| EORI | END OF UTILITY RECORD INFORMATION |
| (NAC) | NO ASSOCIATED CABLE FOUND FROM UTILITY STRUCTURE |
| (NAP) | NO ASSOCIATED PIPING FOUND FROM UTILITY STRUCTURE |
| E | UTILITY ENDPOINT |

UNLESS OTHERWISE NOTED, UTILITY LINE LIMITS DEPICTED REPRESENT FIELD DESIGNATING LIMITS AND NOT ENDPOINTS OF UTILITIES.

UTILITY INFORMATION LABELED "QL-C" OR "QL-D" IS DERIVED FROM FURNISHED RECORDS. SUCH INFORMATION MAY NOT BE ACCURATE OR RELIABLE. SAM, LLC. EXPRESSLY DISCLAIMS RESPONSIBILITY FOR THE ACCURACY OR RELIABILITY OF UTILITY INFORMATION DEPICTED ACCORDING TO RECORDS.

ELECTRONIC DEPTH READINGS WERE TAKEN DIRECTLY FROM ELECTRONIC DESIGNATION INSTRUMENTS AND HAVE NOT BEEN VERIFIED BY ANY OTHER MEANS. EQUIPMENT MANUFACTURERS WILL NOT GUARANTEE THE ACCURACY FOR THIS DATA. THEREFORE, THE DEPTH READINGS ARE NOT TO BE CONSIDERED SUITABLE FOR DESIGN DECISIONS. SAM, LLC. DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF RELIABILITY OF ANY ELECTRONIC DEPTH READINGS

ILLINOIS
SCOTT A. WECHTER
REG. 62-042188
REGISTERED PROFESSIONAL ENGINEER

I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 02/06/2020

SCOTT A. WECHTER
PROJECT MANAGER SAM, LLC

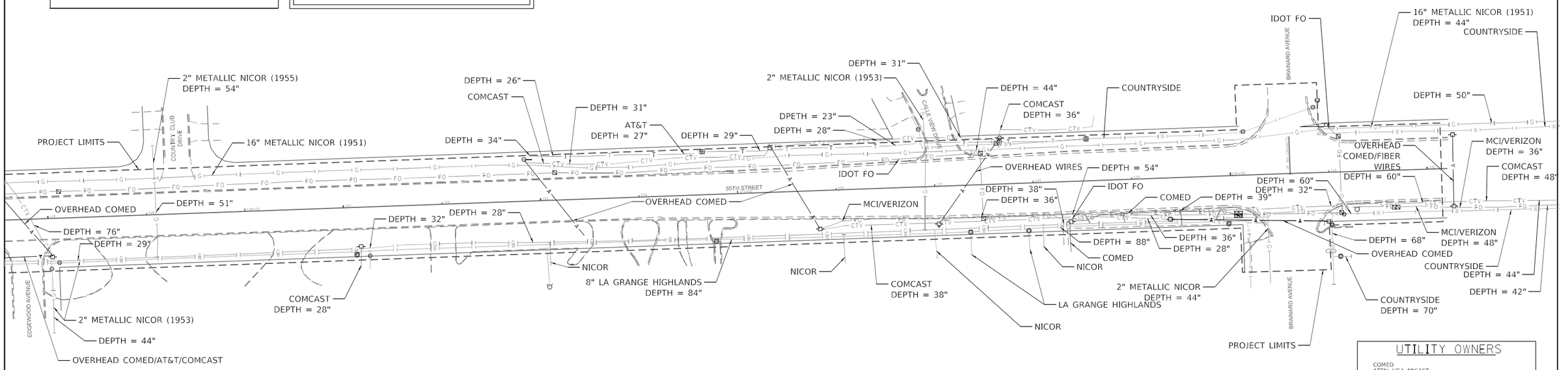
SAM®

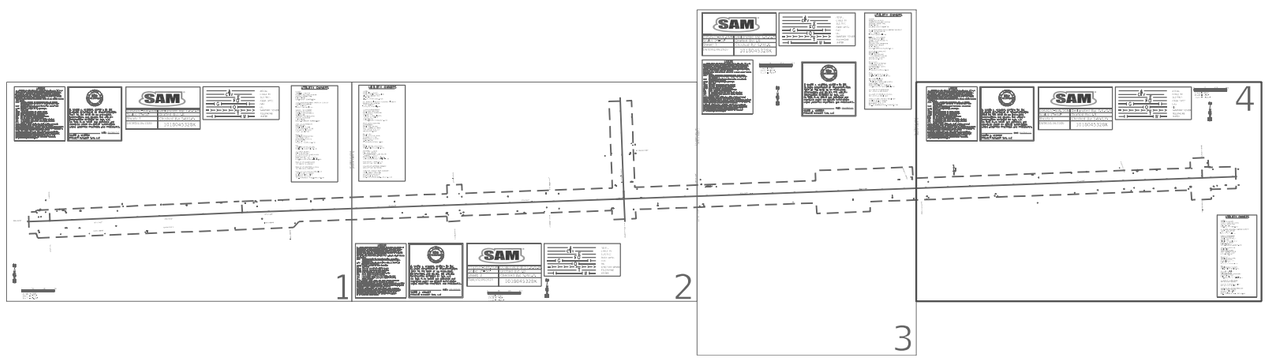
| | |
|---|---|
| D162G37-SUE.DGN | Designated By: C.K./G.M |
| Scale: 1"=50' | Drafted By: J.B |
| Sheet: 4 | Checked By: S.W./L.P. |
| Date:02/06/2020 | 1018045328K |

AERIAL
CABLE TV
ELECTRIC
FIBER OPTIC
GAS
OIL
SANITARY SEWER
TELEPHONE
WATER

0 50 100 150
SCALE IN FEET
24x36 = 1":50'
11x17 = 1":100'

N




## UTILITY OWNERS

COMED
ATTN: LISA ARGAST
COMED PUBLIC RELOCATION
LINCOLN CENTER ONE
630-437-3381
LISA.ARGAST@COMED.COM

LA GRANGE HIGHLANDS SANITARY DISTRICT
ATTN: JASON SHEPLER
(708) 246-5657
jmshep78@hotmail.com

ILLINOIS DEPARTMENT
OF TRANSPORTATION
ATTN: SUDUD MAHMOUD
REGION ONE
UTILITIES CORORDINATOR
BUREAU OF DESIGN
847-705-4258
SUDUD.MAHMOUD@ILLINOIS.GOV

AT&T LEGAL MANDATE
ENGINEERING
ATTN: URMI PICONE
1000 COMMERCE DRIVE
OAK BROOK, IL 60523
UB2591@ATT.COM

NICOR GAS
ATTN: BRUCE KOPPANG
1844 FERRY ROAD
NAPERVILLE, IL 60563
630-388-3046
bkoppang@southernco.com

MCI
ATTN: EFRAIN RODRIGUEZ
efrain.rodriguez@verizon.com

REDSPEED ILLINOIS
MR. JOSE CHAVEZ
400 EISENHOWER LANE NORTH
LOMBARD, IL 60148
MAIN OFFICE: (630) 317-5700
Jose.Chavez@RedSpeed-Illinois.com

VILLAGE OF COUNTRYSIDE
(NO RECORDS RECEIVED)

VILLAGE OF WESTERN SPRINGS
(NO RECORDS RECEIVED)

COMCAST (RECORD NOT RECEIVED)
ATTN:ROBERT SCHULTER
688 INDUSTRIAL DRIVE
ELMHURST, IL 60126
BOB_SCHULTER@CABLE.COMCAST.COM

MODEL: 1018045328K
FILE NAME: 1018045328K

| | | | |
|---|---|---|---|
| USER NAME = UNTITLED | DESIGNED - S.W. | REVISED - | |
| | DRAWN - J.B. | REVISED - | |
| PLOT SCALE = 1"=50' | CHECKED - L.P./S.W. | REVISED - | |
| PLOT DATE = 01/14/2020 | DATE - 02/06/2020 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**55TH STREET &**
**WILLOW SPRINGS ROAD**

SCALE: 1"=50' | SHEET 4 OF 4 SHEETS | STA. 117+50 | TO STA. 132+20

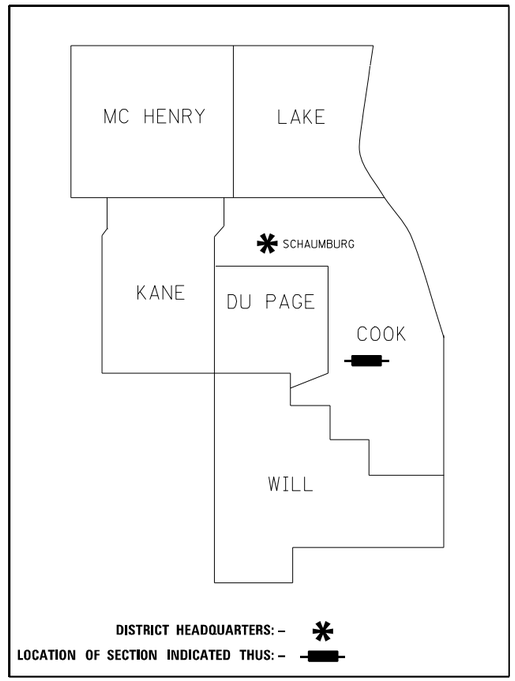
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | | COOK | 282 | 129 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| PARCEL NUMBER | OWNER | SHEET NUMBER | PROPERTY ACQUIRED BY |
|---|---|---|---|
| 0M90001 | Wolf Rd Moblile, Inc., an Illinois corporation | 2 | |
| 0M90002 | PH Wolf LLC, an Illinois limited liability company | 2 | |
| 0M90003 | PD Realty, LCC, an Illinois limited liabitly company | 2 | |
| 0M90004TE | Chicago Title Land Trust Company as Trustee Company as Trustee under Trust Agreement dated October 25, 2005 know as Trust No. 8002345260 | 6 | |
| 0M90005TE | First Midwest Bank as successor to Standard Bank and Trust Company as Trustee under Trust Agreement dated June 5, 1972 know as Trust No. 1269 | 6 | |
| 0M90006TE | Mehdi Farokian, Majdi Khalil and Hasan Khalil, as Tenants in common | 6 | |
| 0M90007TE | Jose Angel Castillo and Joan Geraldine Castillo, as Trustees of The Castillo Trust, under Trust Agreement dated March 6, 2001 know as Trust No. 1 | 6 | |
| 0M90008<br>0M90008TE<br>0M90008TE-A | Countryside Bank f/k/a State Bank of Countryside as Trustee Agreement dated April 26, 2011 know as Trust No, 11-3184 | 7 | |
| 0M90009<br>0M90009TE | Jorge Davila, married to Maria G. Davila | 7 | |
| 0M90010TE | Julie A. Montgomery and Jean M. Montgomery, in joint tenancy | 7 | |
| 0M90011TE | Shefkije Feraraj | 7 | |
| 0M90012TE | James R. Kramer and Diane M. Kramer, husband and wife, as Tenants by the Entirety | 7 | |
| 0M90013<br>0M90013TE | Philip Buege and Judith Buege, his wife, In Joint Tenancy | 7 | |
| 0M90014<br>0M90014TE | Countryside Bank f/k/a State Bank of Countryside as Trustee under Trust Agreement dated March 2, 1995 know as Trust No. 95-1545 | 7 | |
| 0M90015TE<br>0M90015TE-A | Hallowell & James, Inc., an Illinois corporation | 8 | |
| 0M90016TE<br>0M90016TE-A | Fifth Third Bank successor to Edgewood Bank | 8 | |
| 0M90017 | ACI Real Estate SPE 110 LLC, a Delaware Limited Liability Company | 10 | |
| 0M90018 | John W. Oboikovitz and Vicki L. Oboikovitz, in Joint Tenancy | 10 | |
| 0M90019 | Gary W Stepina and Melissa G Stepina his wife in Joint Tenancy | 6A,6B | |

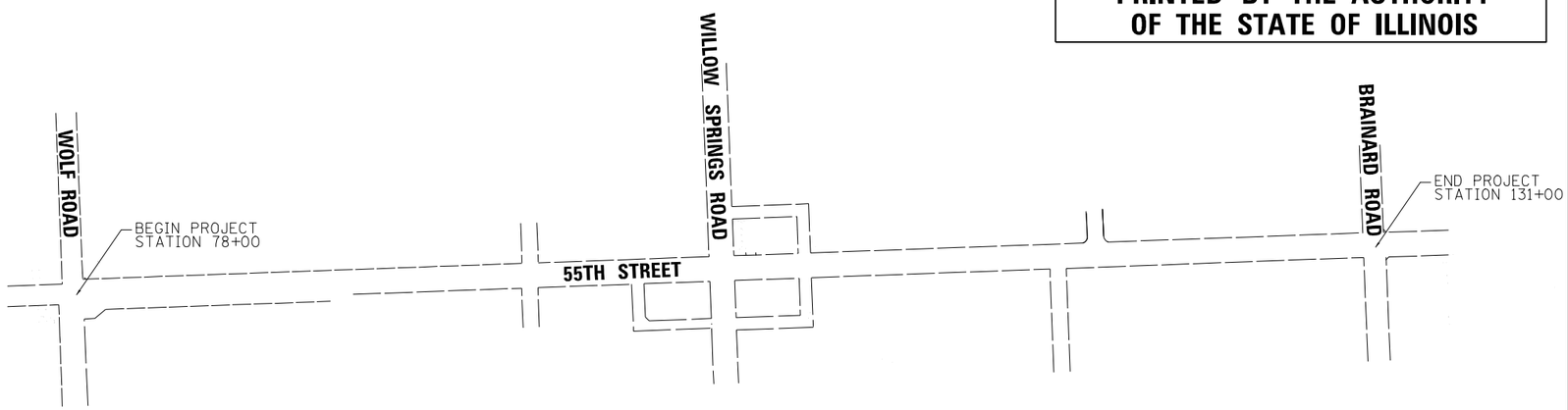
# STATE OF ILLINOIS
# DEPARTMENT OF TRANSPORTATION
# DIVISION OF HIGHWAYS

# PLAT OF HIGHWAYS

## ROUTE: 55TH STREET
## SECTION:
## COUNTY: COOK COUNTY
## LIMITS: WOLF ROAD TO BRAINARD AVENUE
## JOB NO.: R-90-015-17




**PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS**




**LOCATION MAP**

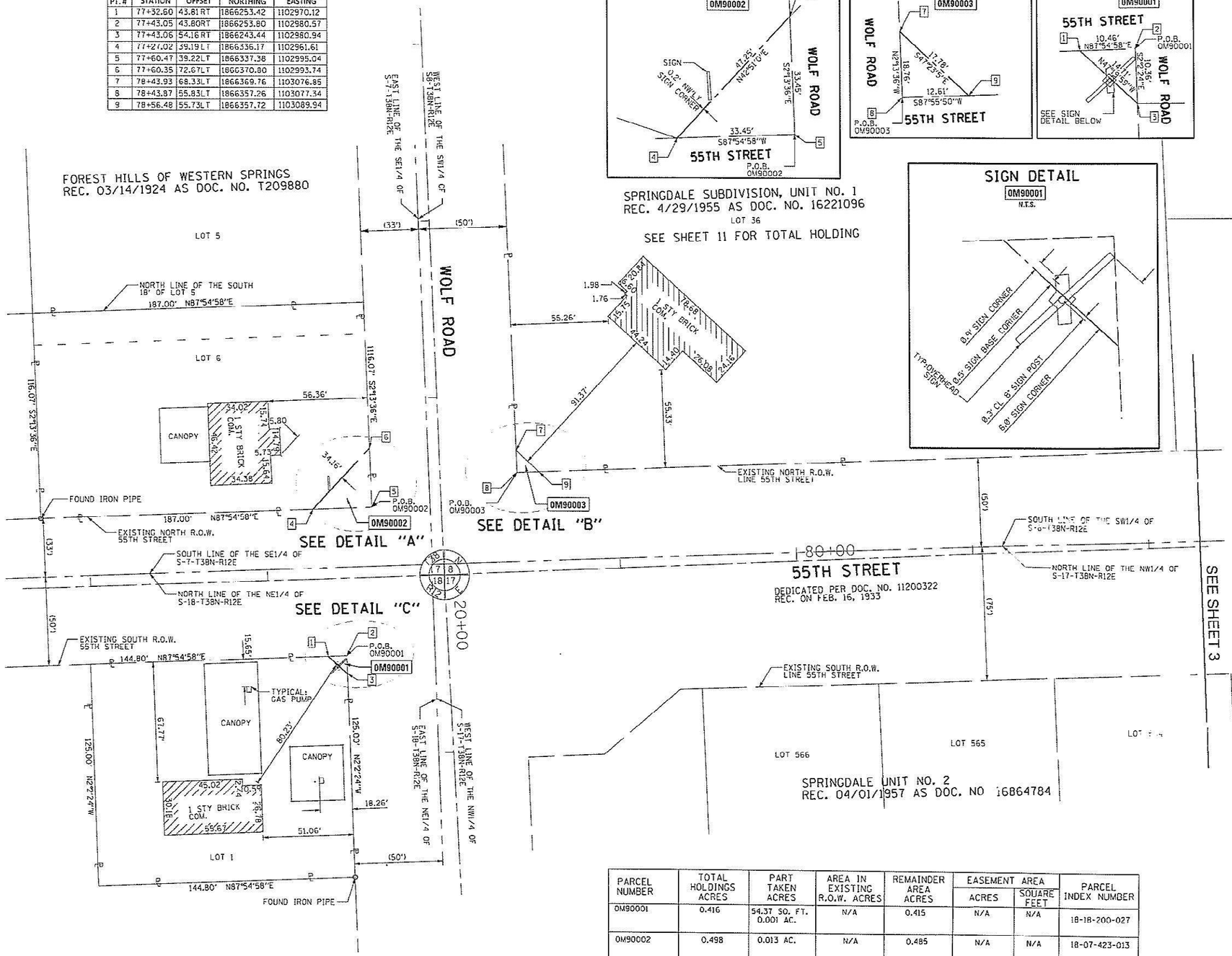
IDOT USE ONLY

*APPROVED*
*By Rod Richgruber at 7:30 am, Mar 29, 2021*

# PART OF THE SOUTHEAST QUARTER OF SECTION 7, PART OF THE NORTHEAST QUARTER OF SECTION 18, PART OF THE SOUTHWEST QUARTER OF SECTION 8, PART OF THE NORTHWEST QUARTER OF SECTION 17, ALL IN TWP. 38 N., RANGE 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

| COORDINATE TABLE | | | | |
|---|---|---|---|---|
| PT. # | STATION | OFFSET | NORTHING | EASTING |
| 1 | 77+32.60 | 43.81 RT | 1866253.42 | 1102970.12 |
| 2 | 77+43.05 | 43.80RT | 1866253.80 | 1102980.57 |
| 3 | 77+43.06 | 54.16 RT | 1866243.44 | 1102980.94 |
| 4 | 77+27.02 | 39.19 LT | 1866336.17 | 1102961.61 |
| 5 | 77+60.47 | 39.22LT | 1866337.38 | 1102995.04 |
| 6 | 77+60.35 | 72.67LT | 1866370.80 | 1102993.74 |
| 7 | 78+43.93 | 68.33LT | 1866369.76 | 1103076.85 |
| 8 | 78+43.87 | 55.83LT | 1866357.26 | 1103077.34 |
| 9 | 78+56.48 | 55.73LT | 1866357.72 | 1103089.94 |




## LEGEND

SECTION CORNER — 16 — 15 — QUARTER SECTION CORNER

N

GRAPHIC SCALE FEET
0 30'
SCALE: 1" = 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE (APL)
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.*

- O IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99996469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
) SS
COUNTY OF )

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8 AND 17, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20__ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | EASEMENT AREA SQUARE FEET | PARCEL INDEX NUMBER |
|---|---|---|---|---|---|---|---|
| 0M90001 | 0.416 | 54.37 SQ. FT. 0.001 AC. | N/A | 0.415 | N/A | N/A | 18-18-200-027 |
| 0M90002 | 0.498 | 0.013 AC. | N/A | 0.485 | N/A | N/A | 18-07-423-013 |
| 0M90003 | 0.791 | 78.80 SQ. FT. 0.002 AC. | N/A | 0.789 | N/A | N/A | 18-08-309-036 |

REVISION DATE: / / REVISION MADE BY:


DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056


# PLAT OF HIGHWAYS

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**
**55TH STREET**

LIMITS: WOLF ROAD TO BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. 76+00 TO STA. 82+00
SCALE: 1"=30' SHEET 2 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196


RECEIVED
FOR USE ONLY
JAN 09 2020
PLATS & LEGALS

PART OF THE NORTHWEST QUARTER 17 AND SOUTHWEST QUARTER OF SECTION 8, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

## LEGEND

SECTION CORNER

QUARTER SECTION CORNER

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

N

GRAPHIC SCALE FEET 0 30'

SCALE: 1"= 30'

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM,NAD83 (XXXX ADJUSTMENT),EAST ZONE.*

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.99996469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
)SS
COUNTY OF )

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8 AND 17, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20__ A.D.

_____

ILLINOIS PROFESSIONAL LAND SURVEYOR NO._____
LICENSE EXPIRATION DATE:_____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

REVISION DATE: / / REVISION MADE BY:

**IDOT USE ONLY**

RECEIVED
DEC 31 2019
PLATS & LEGALS

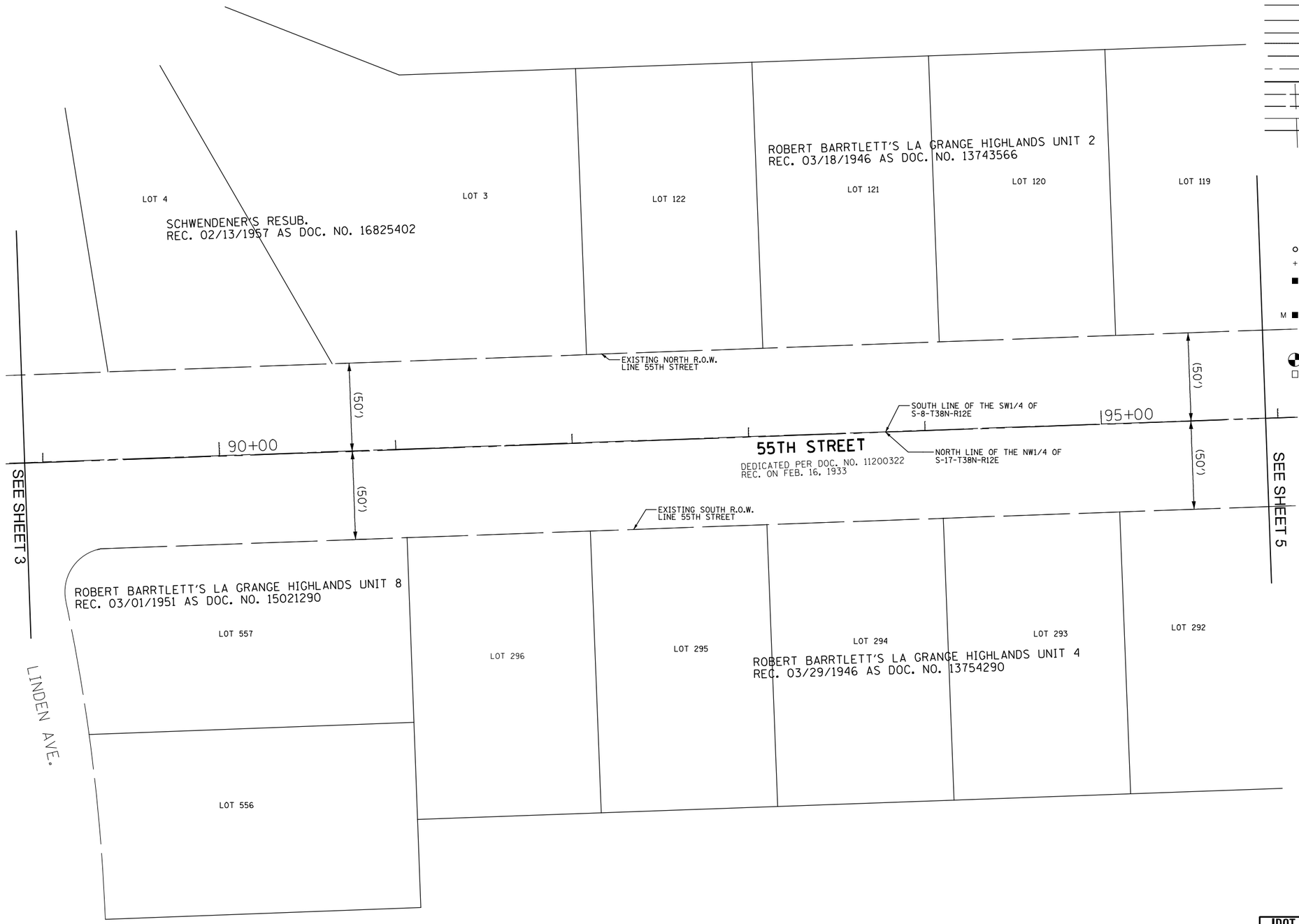
# PLAT OF HIGHWAYS

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**
**55TH STREET**

LIMITS: WOLF ROAD TO BRAINARD STREET COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. 82+00 TO STA. 89+00
SCALE: 1"=30' SHEET 3 OF 11 SHEETS

**BUREAU OF LAND ACQUISITION**
**201 WEST CENTER COURT**
**SCHAUMBURG, ILLINOIS 60196**

PART OF THE SOUTHWEST QUARTER OF SECTION 8 AND THE NORTHWEST QUARTER OF SECTION 17, IN TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.




## LEGEND

T 38 N, R 12 E: 9 10 16 15 — SECTION CORNER

16 15 — QUARTER SECTION CORNER

N

GRAPHIC SCALE FEET 0 30'

SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE (APL)
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.*

- o IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.9996469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
)SS
COUNTY OF )

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8 AND 17, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20__ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.


DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056


# PLAT OF HIGHWAYS

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**
**55TH STREET**

LIMITS: WOLF ROAD TO BRAINARD STREET COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. 89+00 TO STA. 96+00
SCALE: 1"=30' SHEET 4 OF 11 SHEETS

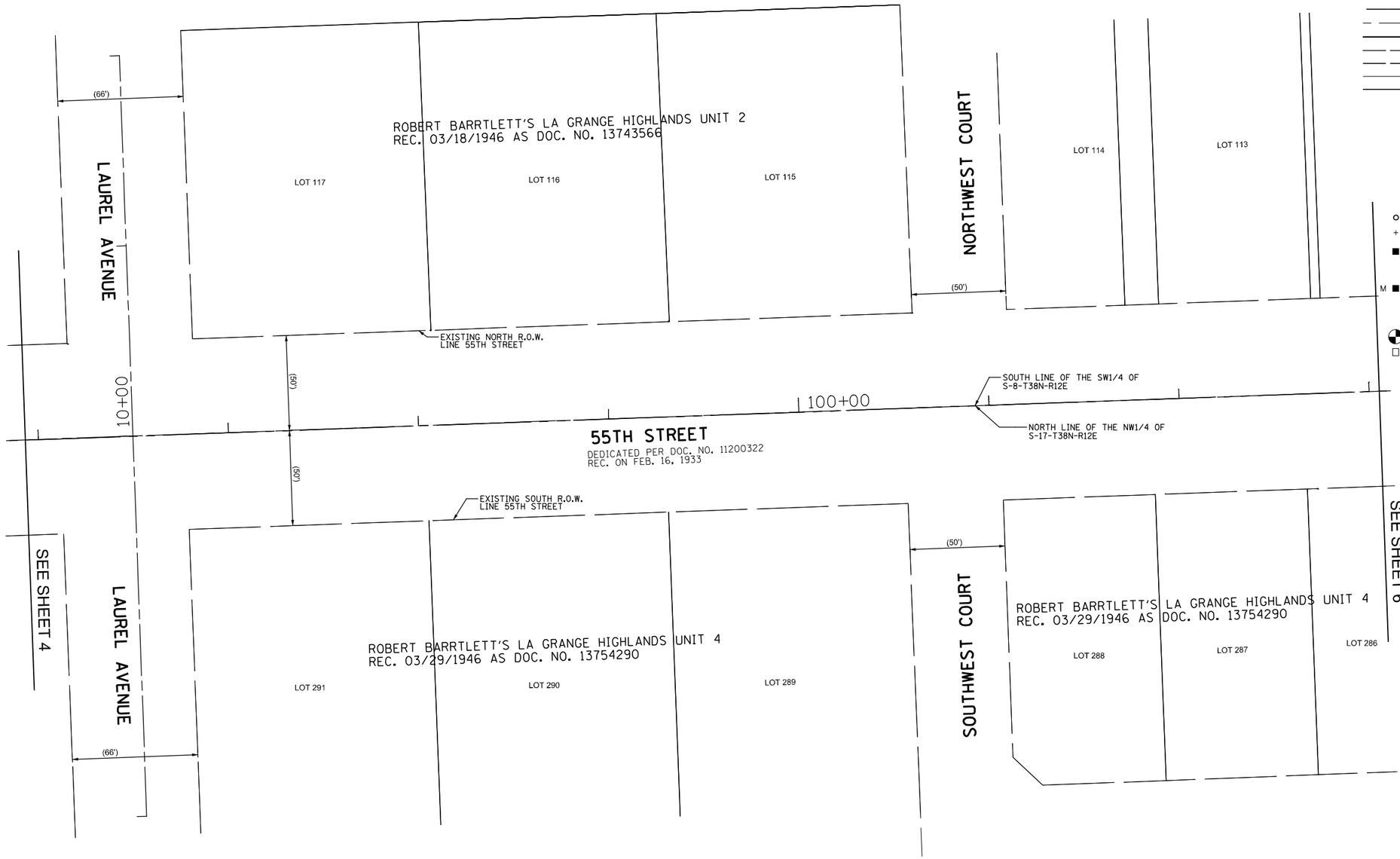
**BUREAU OF LAND ACQUISITION**
**201 WEST CENTER COURT**
**SCHAUMBURG, ILLINOIS 60196**

**IDOT USE ONLY**

RECEIVED
DEC 31 2019
PLATS & LEGALS RMP

REVISION DATE: / / REVISION MADE BY:

PART OF THE SOUTHWEST QUARTER OF SECTION 8 AND THE NORTHWEST QUARTER OF SECTION 17, IN TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.




## LEGEND

SECTION CORNER (T 38 N, R 12 E, 3rd P.M.: 9, 10, 16, 15)

QUARTER SECTION CORNER (16, 15)

N

GRAPHIC SCALE FEET 0 30'

SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE (APL)
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.*

- o IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.9996469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
)SS
COUNTY OF )

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8 AND 17, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20 __ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.


DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056


# PLAT OF HIGHWAYS

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**
**55TH STREET**

LIMITS: WOLF ROAD TO BRAINARD STREET COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. 89+00 TO STA. 103+00
SCALE: 1"=30' SHEET 5 OF 11 SHEETS

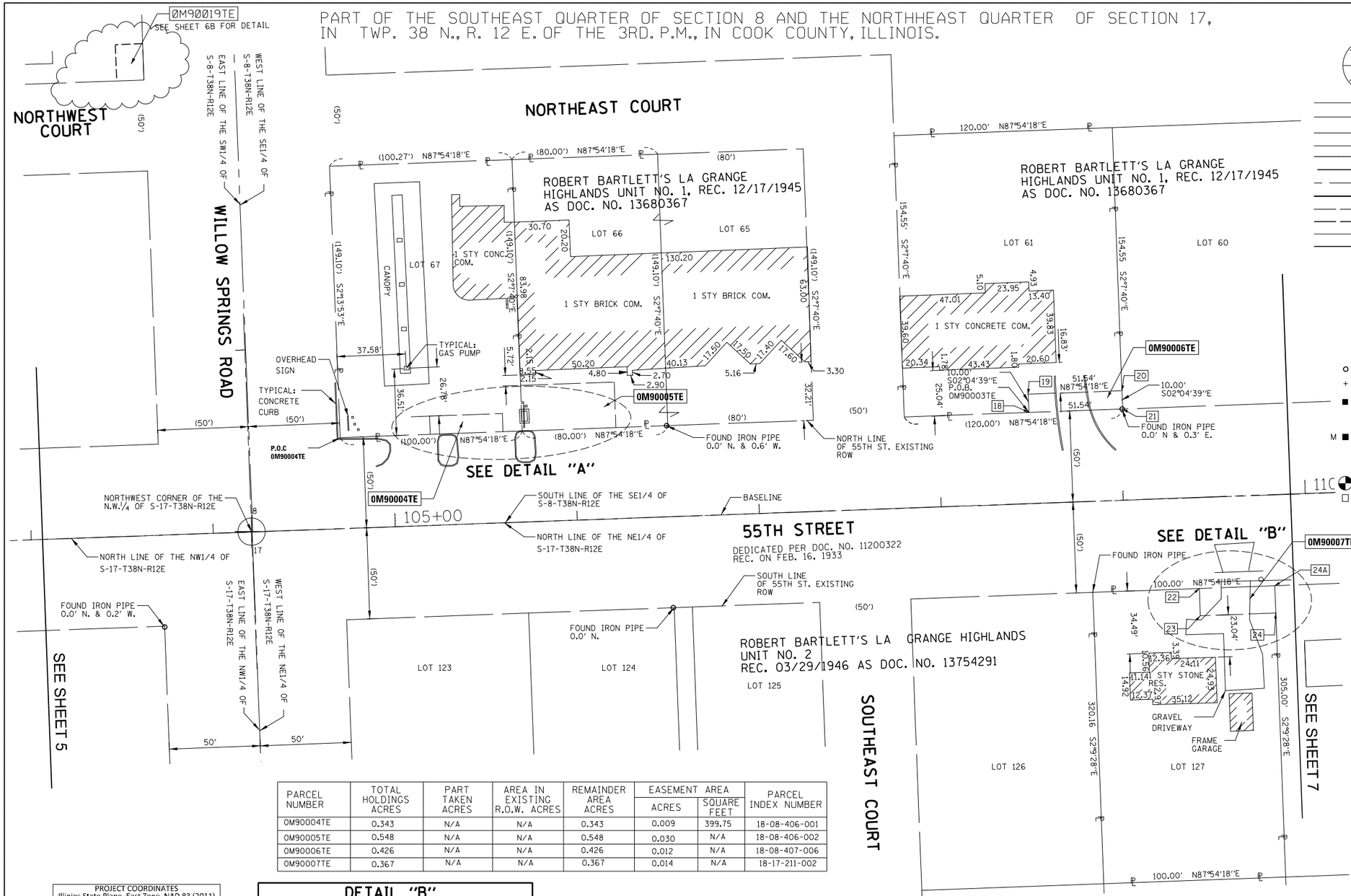
**IDOT USE ONLY**

RECEIVED
DEC 31 2019
PLATS & LEGALS

**BUREAU OF LAND ACQUISITION**
**201 WEST CENTER COURT**
**SCHAUMBURG, ILLINOIS 60196**

REVISION DATE: / / REVISION MADE BY:

PART OF THE SOUTHEAST QUARTER OF SECTION 8 AND THE NORTHHEAST QUARTER OF SECTION 17, IN TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.




## LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE (APL)
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION (129.32')
- COMPUTED DIMENSION (129.32' (COMP))
- RECORDED DIMENSION (129.32')
- EXISTING BUILDING

N

GRAPHIC SCALE FEET 0 40'

SCALE: 1"= 40'

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.*

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- 11C PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.9996469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
)SS
COUNTY OF )

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8 AND 17, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____ , ILLINOIS THIS __ DAY OF _____ 20 __ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

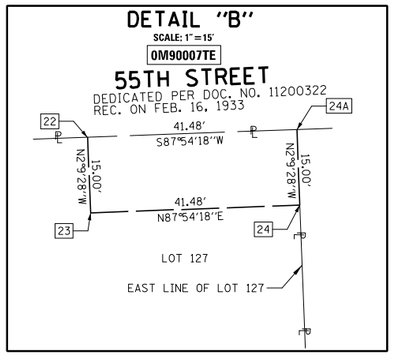
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA | | PARCEL INDEX NUMBER |
|---|---|---|---|---|---|---|---|
| | | | | | ACRES | SQUARE FEET | |
| 0M90004TE | 0.343 | N/A | N/A | 0.343 | 0.009 | 399.75 | 18-08-406-001 |
| 0M90005TE | 0.548 | N/A | N/A | 0.548 | 0.030 | N/A | 18-08-406-002 |
| 0M90006TE | 0.426 | N/A | N/A | 0.426 | 0.012 | N/A | 18-08-407-006 |
| 0M90007TE | 0.367 | N/A | N/A | 0.367 | 0.014 | N/A | 18-17-211-002 |

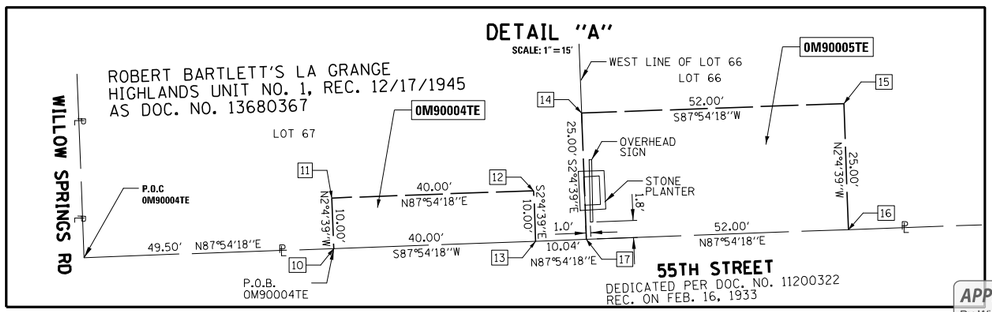
PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

| COORDINATE TABLE | | | | |
|---|---|---|---|---|
| PT. # | STATION | OFFSET | NORTHING | EASTING |
| 10 | 105+21.00 | 50.01LT | 1866453.93 | 1105753.10 |
| 11 | 105+21.00 | 60.01LT | 1866463.93 | 1105752.73 |
| 12 | 105+61.00 | 60.03LT | 1866465.39 | 1105792.71 |
| 13 | 105+61.00 | 50.03LT | 1866455.39 | 1105793.07 |
| 14 | 105+71.53 | 75.03LT | 1866480.76 | 1105802.69 |
| 15 | 106+22.99 | 75.05LT | 1866482.64 | 1105854.12 |
| 16 | 106+23.01 | 50.05LT | 1866457.66 | 1105855.05 |
| 17 | 105+71.55 | 50.03LT | 1866455.78 | 1105803.62 |
| 18 | 108+50.01 | 50.12LT | 1866465.96 | 1106081.89 |
| 19 | 108+50.00 | 60.12LT | 1866475.95 | 1106081.52 |
| 20 | 109+01.54 | 60.13LT | 1866477.84 | 1106133.02 |
| 21 | 109+01.25 | 50.13LT | 1866467.83 | 1106133.10 |
| 22 | 109+39.98 | 49.86RT | 1866369.31 | 1106175.42 |
| 23 | 109+40.00 | 64.86RT | 1866354.32 | 1106175.99 |
| 24 | 109+81.48 | 64.85RT | 1866355.84 | 1106217.44 |
| 24A | 109+81.46 | 49.85RT | 1866370.83 | 1106216.88 |

DETAIL "B"
SCALE: 1"=15'




DETAIL "A"
SCALE: 1"=15'





DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056


# PLAT OF HIGHWAYS

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**
**55TH STREET**

LIMITS: WOLF ROAD TO BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. 103+00 TO STA. 110+00
SCALE: 1"=30' SHEET 6A OF 11 SHEETS

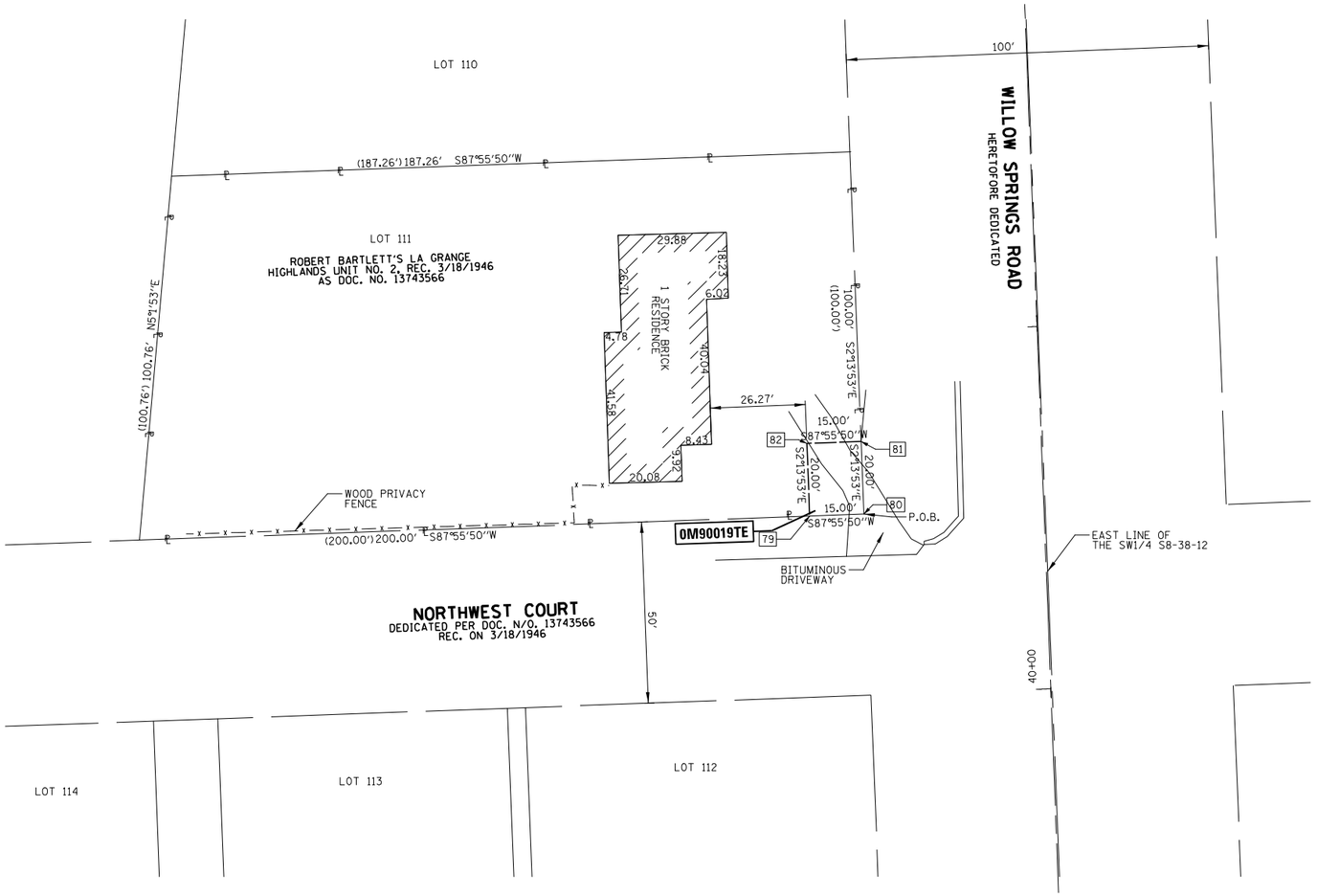
**IDOT USE ONLY**

*APPROVED*
*By William Wright at 3:47 pm, Feb 19, 2021*

REVISION DATE: / / REVISION MADE BY:

**BUREAU OF LAND ACQUISITION**
**201 WEST CENTER COURT**
**SCHAUMBURG, ILLINOIS 60196**

# DETAIL OF PARCEL 0M90019TE
# FROM SHEET 6B




| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA | | PARCEL INDEX NUMBER |
|---|---|---|---|---|---|---|---|
| | | | | | ACRES | SQUARE FEET | |
| 0M90019TE | 0.445 | N/A | N/A | 0.445 | 0.007 | 300.00 | 18-08-307-015 |

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

| COORDINATE TABLE | | | | |
|---|---|---|---|---|
| PT. # | STATION | OFFSET | NORTHING | EASTING |
| 79 | 103+55.92 | 250.03 LT | 1866647.86 | 1105580.96 |
| 80 | 103+55.92 | 250.04 LT | 1866648.40 | 1105595.95 |
| 81 | 103+70.92 | 270.04 LT | 1866672.59 | 1105594.75 |
| 82 | 105+70.92 | 270.03 LT | 1866667.85 | 1105580.18 |

## LEGEND

SECTION CORNER (T 38 N, R 12 E; 9, 10, 16, 15)

16 15 QUARTER SECTION CORNER

N

GRAPHIC SCALE FEET
0 20'
SCALE: 1" = 20'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.*

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.9999469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
)SS
COUNTY OF )

24

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8 AND 17, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS __ DAY OF _____20 __A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.


DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056


REVISION DATE: / / REVISION MADE BY:

**IDOT USE ONLY**

*APPROVED*
*By William Wright at 3:52 pm, Feb 19, 2021*

# PLAT OF HIGHWAYS
## STATE OF ILLINOIS
## DEPARTMENT OF TRANSPORTATION
## 55TH STREET

LIMITS: WOLF ROAD TO BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. 101+72.92 TO STA. 103++70.92
SCALE: 1"=20' SHEET 6B OF 11 SHEETS

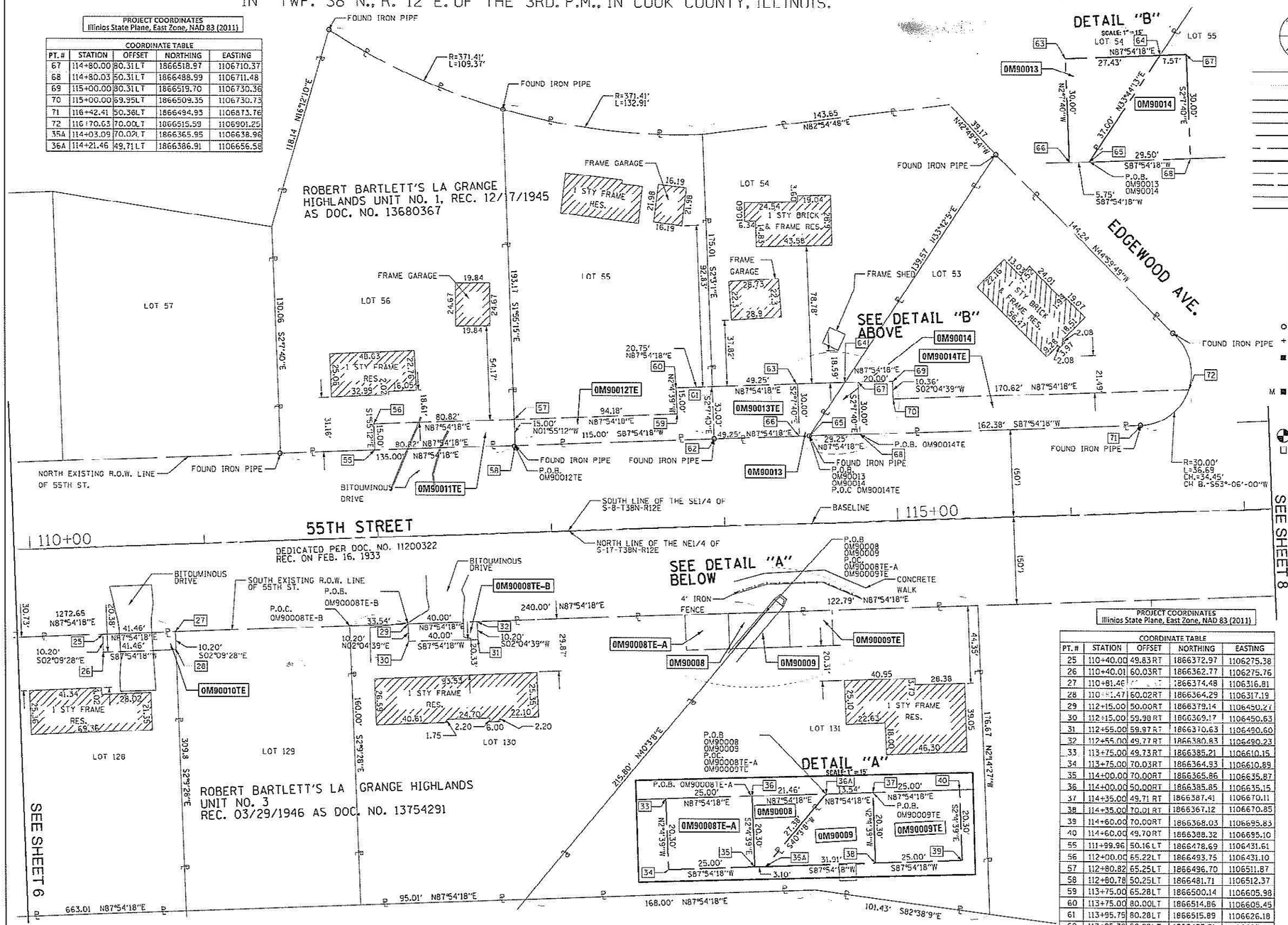
**BUREAU OF LAND ACQUISITION**
**201 WEST CENTER COURT**
**SCHAUMBURG, ILLINOIS 60196**

# PART OF THE SOUTHEAST QUARTER OF SECTION 8 AND THE NORTHEAST QUARTER OF SECTION 17, IN TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PROJECT COORDINATES
Illinios State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

| PT.# | STATION | OFFSET | NORTHING | EASTING |
|---|---|---|---|---|
| 67 | 114+80.00 | 80.31 LT | 1866518.97 | 1106710.37 |
| 68 | 114+80.03 | 50.31 LT | 1866488.99 | 1106711.48 |
| 69 | 115+00.00 | 80.31 LT | 1866519.70 | 1106730.36 |
| 70 | 115+00.00 | 69.95 LT | 1866509.35 | 1106730.73 |
| 71 | 116+42.41 | 50.36 LT | 1866494.93 | 1106873.76 |
| 72 | 116+70.63 | 70.00 LT | 1866515.59 | 1106901.25 |
| 35A | 114+03.09 | 70.02 LT | 1866365.95 | 1106638.96 |
| 36A | 114+21.46 | 49.71 LT | 1866386.91 | 1106656.58 |




## LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P / DEED — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

N

GRAPHIC SCALE FEET 0 40

SCALE: 1"= 40'

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.*

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2155 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.99996469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
)SS
COUNTY OF )

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8 AND 17, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20 __ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO._____
LICENSE EXPIRATION DATE:_____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PROJECT COORDINATES
Illinios State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

| PT.# | STATION | OFFSET | NORTHING | EASTING |
|---|---|---|---|---|
| 25 | 110+40.00 | 49.83 RT | 1866372.97 | 1106275.38 |
| 26 | 110+40.01 | 60.03 RT | 1866362.77 | 1106275.76 |
| 27 | 110+81.46 | [illegible] | 1866374.48 | 1106316.81 |
| 28 | 110+81.47 | 60.02 RT | 1866364.29 | 1106317.19 |
| 29 | 112+15.00 | 50.00 RT | 1866379.14 | 1106450.27 |
| 30 | 112+15.00 | 59.98 RT | 1866369.17 | 1106450.63 |
| 31 | 112+55.00 | 59.97 RT | 1866370.63 | 1106490.60 |
| 32 | 112+55.00 | 49.77 RT | 1866380.83 | 1106490.23 |
| 33 | 113+75.00 | 49.73 RT | 1866385.21 | 1106610.15 |
| 34 | 113+75.00 | 70.03 RT | 1866364.93 | 1106610.89 |
| 35 | 114+00.00 | 70.00 RT | 1866365.86 | 1106635.87 |
| 36 | 114+00.00 | 50.00 RT | 1866385.85 | 1106635.15 |
| 37 | 114+35.00 | 49.71 RT | 1866387.41 | 1106670.11 |
| 38 | 114+35.00 | 70.01 RT | 1866367.12 | 1106670.85 |
| 39 | 114+60.00 | 70.00 RT | 1866368.03 | 1106695.83 |
| 40 | 114+60.00 | 49.70 RT | 1866388.32 | 1106695.10 |
| 55 | 111+99.96 | 50.16 LT | 1866478.69 | 1106431.61 |
| 56 | 112+00.00 | 65.22 LT | 1866493.76 | 1106431.10 |
| 57 | 112+80.82 | 65.25 LT | 1866496.70 | 1106511.87 |
| 58 | 112+80.78 | 50.25 LT | 1866481.71 | 1106512.37 |
| 59 | 113+75.00 | 65.28 LT | 1866500.14 | 1106605.98 |
| 60 | 113+75.00 | 80.00 LT | 1866514.86 | 1106606.45 |
| 61 | 113+95.75 | 80.28 LT | 1866515.89 | 1106626.18 |
| 62 | 113+95.78 | 50.28 LT | 1866485.91 | 1106627.29 |
| 63 | 114+45.00 | 80.30 LT | 1866517.69 | 1106675.39 |
| 64 | 114+72.40 | 80.30 LT | 1866516.69 | 1106702.78 |
| 65 | 114+50.80 | 50.30 LT | 1866487.92 | 1106682.25 |
| 66 | 114+45.03 | 50.30 LT | 1866487.71 | 1106676.51 |

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | EASEMENT AREA SQUARE FEET | PARCEL INDEX NUMBER |
|---|---|---|---|---|---|---|---|
| 0M90008 | 0.615 | 294.20 SQ. FT / 0.006 AC. | N/A | 0.609 | N/A | N/A | 18-17-211-005 |
| 0M90008TE-A | | N/A | N/A | N/A | 0.012 | N/A | |
| 0M90008TE-B | | N/A | N/A | N/A | 0.009 | 408.00 | |
| 0M90009 | 0.737 | 0.011 | N/A | 0.726 | N/A | N/A | 18-17-211-006 |
| 0M90009TE | | N/A | N/A | N/A | 0.012 | N/A | |
| 0M90010TE | 0.367 | N/A | N/A | 0.367 | 0.010 | 422.68 | 18-17-211-003 |
| 0M90011TE | 0.643 | N/A | N/A | 0.643 | 0.028 | N/A | 18-08-407-009 |
| 0M90012TE | 0.477 | N/A | N/A | 0.477 | 0.047 | N/A | 18-08-407-010 |

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | EASEMENT AREA SQUARE FEET | PARCEL INDEX NUMBER |
|---|---|---|---|---|---|---|---|
| 0M90013 | 0.491 | 0.011 | N/A | 0.480 | N/A | N/A | 18-08-407-011 |
| 0M90013TE | | N/A | N/A | N/A | 0.034 | N/A | |
| 0M90014 | 0.448 | 0.013 | N/A | 0.435 | N/A | N/A | 18-08-407-012 |
| 0M90014TE | | N/A | N/A | N/A | 0.087 | N/A | |

REVISION DATE: / / REVISION MADE BY:

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE [illegible] 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

# PLAT OF HIGHWAYS
## STATE OF ILLINOIS
## DEPARTMENT OF TRANSPORTATION
## 55TH STREET

LIMITS: WOLF ROAD TO BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. 110+00 TO STA. 117+00
SCALE: 1"=30' SHEET 7 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

RECEIVED
JAN 2 [illegible]
PLATS & LEGALS

# PART OF THE NORTHEAST QUARTER OF SECTION 8 AND THE SOUTHEAST QUARTER OF SECTION 17, IN TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA | | PARCEL INDEX NUMBER |
|---|---|---|---|---|---|---|---|
| | | | | | ACRES | SQUARE FEET | |
| 0M90015TE-A<br>0M90015TE-B | 1.356 | N/A<br>N/A | N/A<br>N/A | 1.356<br>1.356 | 0.033<br>0.033 | N/A<br>N/A | 18-17-200-037 |
| 0M90016TE | 2.103 | N/A | N/A | 2.103 | 0.034 | N/A | 18-17-200-018<br>18-17-200-050<br>18-17-200-049<br>18-17-200-048 |

PROJECT COORDINATES
Illinios State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

| PT. # | STATION | OFFSET | NORTHING | EASTING |
|---|---|---|---|---|
| 41 | 118+50.00 | 49.59 RT | 1866402.58 | 1107084.84 |
| 42 | 118+50.00 | 70.09 RT | 1866382.09 | 1107085.58 |
| 43 | 119+20.00 | 70.06 RT | 1866384.65 | 1107155.53 |
| 44 | 119+20.00 | 49.56 RT | 1866405.14 | 1107154.79 |
| 45 | 120+05.00 | 49.54 RT | 1866408.25 | 1107239.73 |
| 46 | 120+05.04 | 70.04 RT | 1866387.76 | 1107240.52 |
| 47 | 120+75.06 | 70.02 RT | 1866390.32 | 1107310.49 |
| 48 | 120+75.00 | 49.52 RT | 1866410.81 | 1107309.69 |
| 51 | 123+27.77 | 49.44 RT | 1866420.05 | 1107562.29 |
| 52 | 123+27.77 | 69.94 RT | 1866399.56 | 1107563.03 |
| 53 | 124+00.00 | 69.92 RT | 1866402.20 | 1107635.21 |
| 54 | 124+00.00 | 49.42 RT | 1866422.69 | 1107634.47 |

## LEGEND

SECTION CORNER (9 10 16 15 T 38 N R 12 E) — QUARTER SECTION CORNER (16 15)

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE (APL)
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION (129.32')
- COMPUTED DIMENSION (129.32' (COMP))
- RECORDED DIMENSION (129.32')
- EXISTING BUILDING

N

GRAPHIC SCALE FEET 0 30'

SCALE: 1"= 30'

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM,NAD83 (2011 ADJUSTMENT),EAST ZONE.*

- o IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (20011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.99996469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
)SS
COUNTY OF )

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8 AND 17, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20 __ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SEE SHEET 7

SEE SHEET 9

COUNTRY CLUB DR.

(66')

SPRINGDALE UNIT NO. 2
REC. 04/01/1957 AS DOC. NO. 16864784

NORTH EXISTING R.O.W. LINE OF 55TH ST.

SOUTH LINE OF THE SE1/4 OF S-8-T38N-R12E

NORTH LINE OF THE NE1/4 OF S-17-T38N-R12E

120+00

BASELINE

55TH STREET
DEDICATED PER DOC. NO. 11200322
REC. ON FEB. 16, 1933

(50')

TYPICAL: YARD LIGHT

SOUTH EXISTING R.O.W. LINE OF 55TH ST.

517.52' N87°54'18"E

366.00' N87°54'18"E

P.O.B. 0M90015TE-A

P.O.B. 0M90015TE-B

P.O.B. 0M90016TE

P.O.C. 0M90015TE-A 0M00015TE-B 0M90016TE

194.75' N87°54'18"E

301.70' N87°54'18"E

39.75' N87°54'18"E

70.00' N87°54'18"E

70.00' S87°54'18"W

20.50' N2°4'39"W

20.50' S2°4'39"E

20.50' N2°4'27"W

20.50' S2°4'27"E

41 42 43 44 45 46 47 48 51 52 53 54

0M90015TE-A

0M90015TE-B

0M90016TE

72.23' N87°54'18"E

72.23' S87°54'18"W

20.50' N2°4'39"W

20.50' S2°4'39"E

36.98'

39.82'

24.38'

(66')

53.89'

53.95'

CANOPY

114.04

1 STY BRICK COM.

101.08

101.17

114.38

250.72' N2°4'27"W

250.31' N2°4'27"W

249.82' N2°4'27"W

EDGEWOOD AVE.
DEDICATED PER DOC. NO. 13754291
REC. ON MARCH 29, 1946

EAST LINE OF THE WEST 301.70' OF THE EAST 1250.70'

61.86

5.14

0.70

3.00

123.82

1.7

4.6

23.5

16.29

3.60

28.96

3.64

16.28

2 STY BRICK COM.

38.33

3.00

18.57

10.54

18.30

58.80

3.00

4.00

1.00

126.51

3.20

2.60

4.40

0.69

CANOPY

EAST LINE OF THE WEST 241.00' OF THE EAST 824.00'

WEST LINE OF THE WEST 241.00' OF THE EAST 824.00'

366.00' S87°49'41"W

301.70' S87°49'41"W

SOUTH LINE OF THE NORTH 300.00'

REVISION DATE: / / REVISION MADE BY:

**IDOT USE ONLY**

*APPROVED*
*By William Wright at 8:44 am, Jun 08, 2020*

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

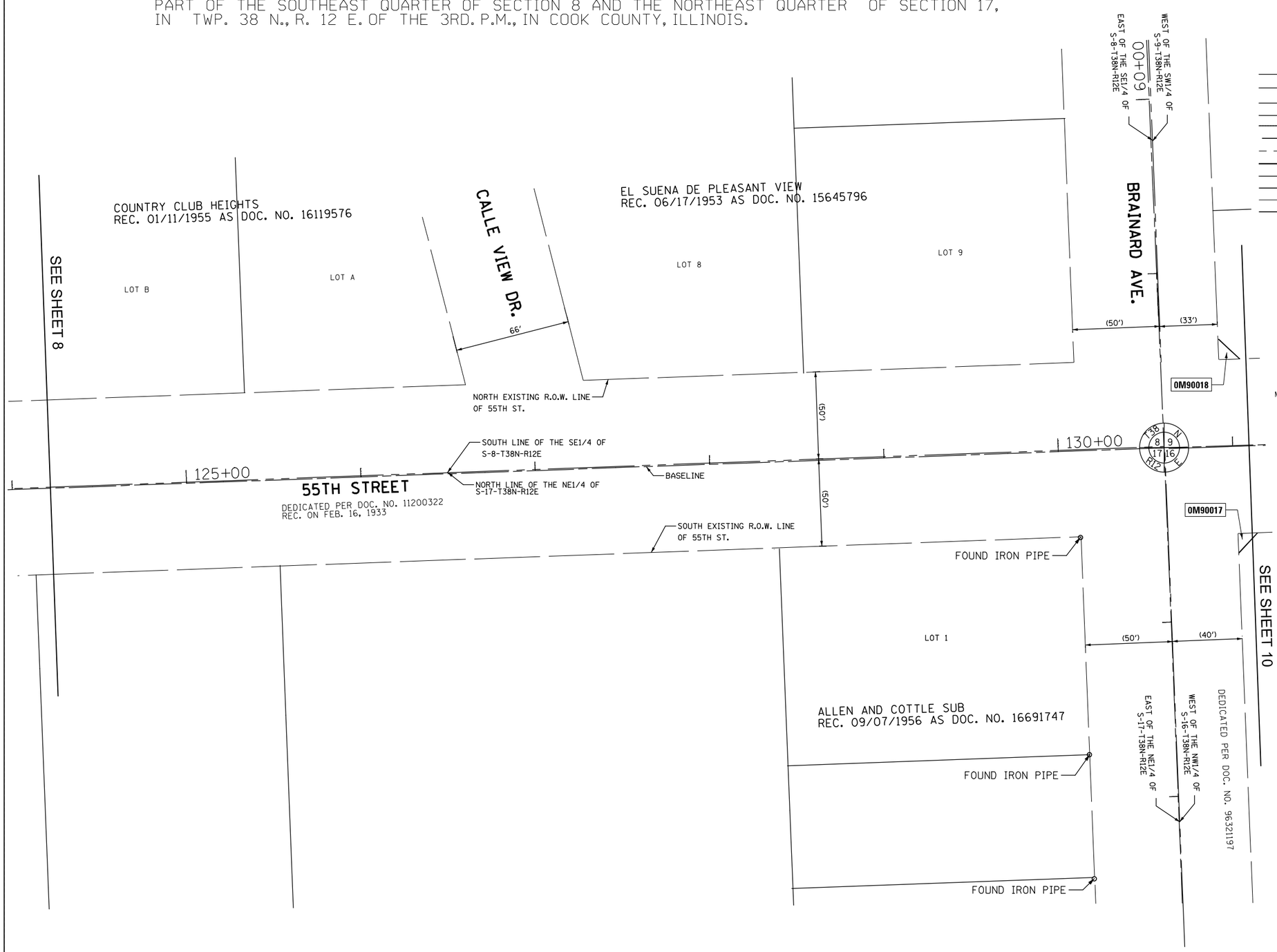
# PLAT OF HIGHWAYS

## STATE OF ILLINOIS
## DEPARTMENT OF TRANSPORTATION
## 55TH STREET

LIMITS: WOLF ROAD TO BRAINARD STREET COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. 117+00 TO STA. 124+00
SCALE: 1"=30' SHEET 8 OF 11 SHEETS

**BUREAU OF LAND ACQUISITION**
**201 WEST CENTER COURT**
**SCHAUMBURG, ILLINOIS 60196**

PART OF THE SOUTHEAST QUARTER OF SECTION 8 AND THE NORTHEAST QUARTER OF SECTION 17, IN TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.




## LEGEND

- SECTION CORNER (T 38 N, R 12 E, 9 10 16 15)
- QUARTER SECTION CORNER (16 / 15)
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE (APL)
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

N

GRAPHIC SCALE FEET 0 30'

SCALE: 1"= 30'

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.*

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.99996469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
)SS
COUNTY OF )

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8 AND 17, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20 __ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.


DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056


# PLAT OF HIGHWAYS

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**
**55TH STREET**

LIMITS: WOLF ROAD TO BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. 124+00 TO STA. 131+00
SCALE: 1"=30' SHEET 9 OF 11 SHEETS

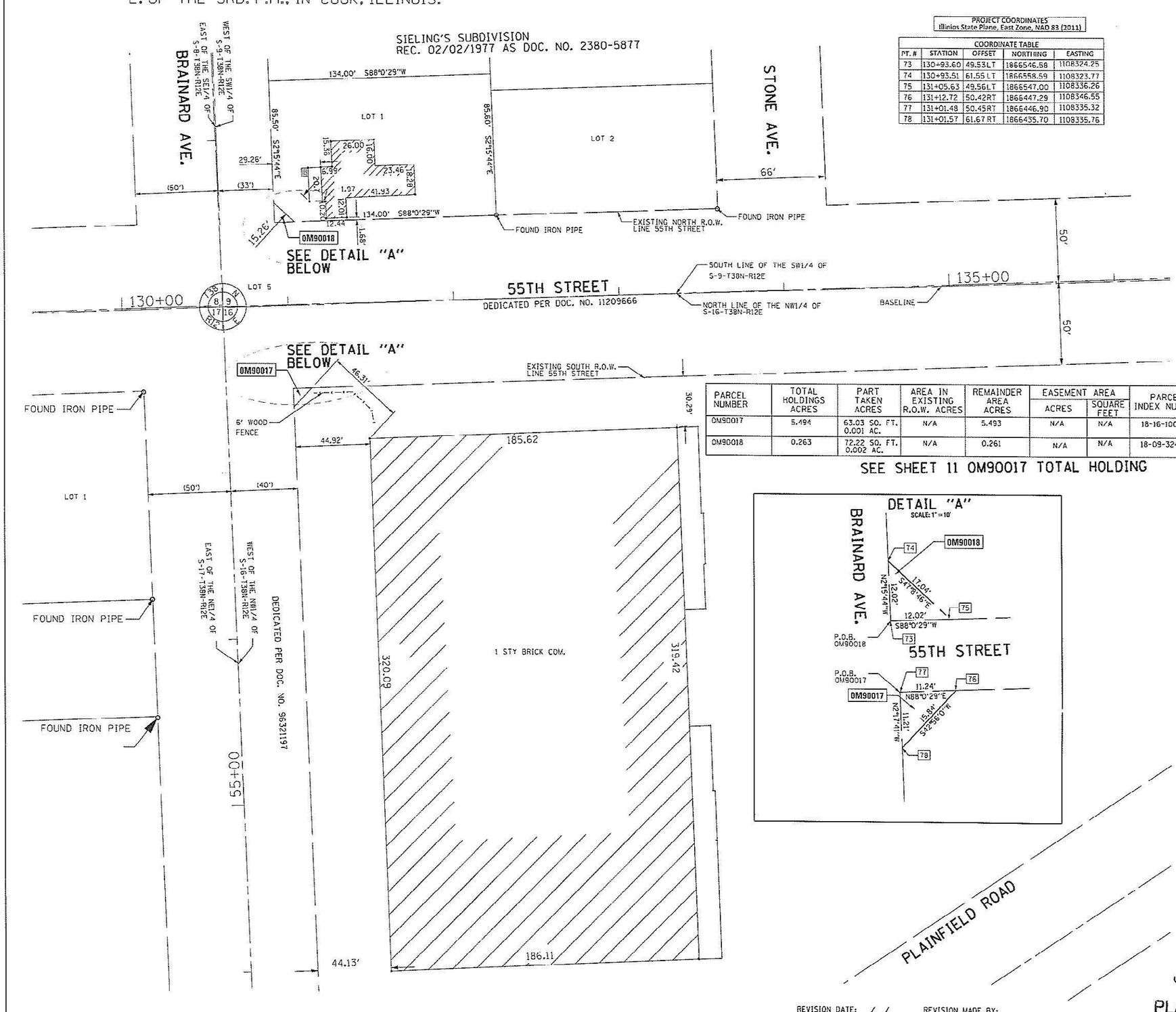
**IDOT USE ONLY**

RECEIVED
DEC 31 2019
PLATS & LEGALS

REVISION DATE: / / REVISION MADE BY:

**BUREAU OF LAND ACQUISITION**
**201 WEST CENTER COURT**
**SCHAUMBURG, ILLINOIS 60196**

PART OF THE SOUTHWEST QUARTER OF SECTION 9 AND PART OF THE NORTHWEST QUARTER OF SECTION 16, IN TWP. 38 N,. RANGE 12 E. OF THE 3RD. P.M., IN COOK, ILLINOIS.




PROJECT COORDINATES
Illinios State Plane, East Zone, NAD 83 (2011)

| COORDINATE TABLE | | | | |
|---|---|---|---|---|
| PT. # | STATION | OFFSET | NORTHING | EASTING |
| 73 | 130+93.60 | 49.53LT | 1866546.58 | 1108324.25 |
| 74 | 130+93.51 | 61.55 LT | 1866558.59 | 1108323.77 |
| 75 | 131+05.63 | 49.56LT | 1866547.00 | 1108336.26 |
| 76 | 131+12.72 | 50.42RT | 1866447.29 | 1108346.55 |
| 77 | 131+01.48 | 50.45RT | 1866446.90 | 1108335.32 |
| 78 | 131+01.57 | 61.67 RT | 1866435.70 | 1108335.76 |

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | EASEMENT AREA SQUARE FEET | PARCEL INDEX NUMBER |
|---|---|---|---|---|---|---|---|
| 0M90017 | 5.494 | 63.03 SQ. FT. 0.001 AC. | N/A | 5.493 | N/A | N/A | 18-16-100-008 |
| 0M90018 | 0.263 | 72.22 SQ. FT. 0.002 AC. | N/A | 0.261 | N/A | N/A | 18-09-324-036 |

SEE SHEET 11 0M90017 TOTAL HOLDING




## LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

N

GRAPHIC SCALE FEET 0 30'

SCALE: 1"= 30'

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.*

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99996469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
) SS
COUNTY OF )

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9 AND 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT [illegible] REPRESENTS SAID SURVEY, THAT [illegible] MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, AND / OR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN AT _____, ILLINOIS THIS __ DAY OF _____ 20__ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO._____
LICENSE EXPIRATION DATE:_____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

REVISION DATE: / / REVISION MADE BY:

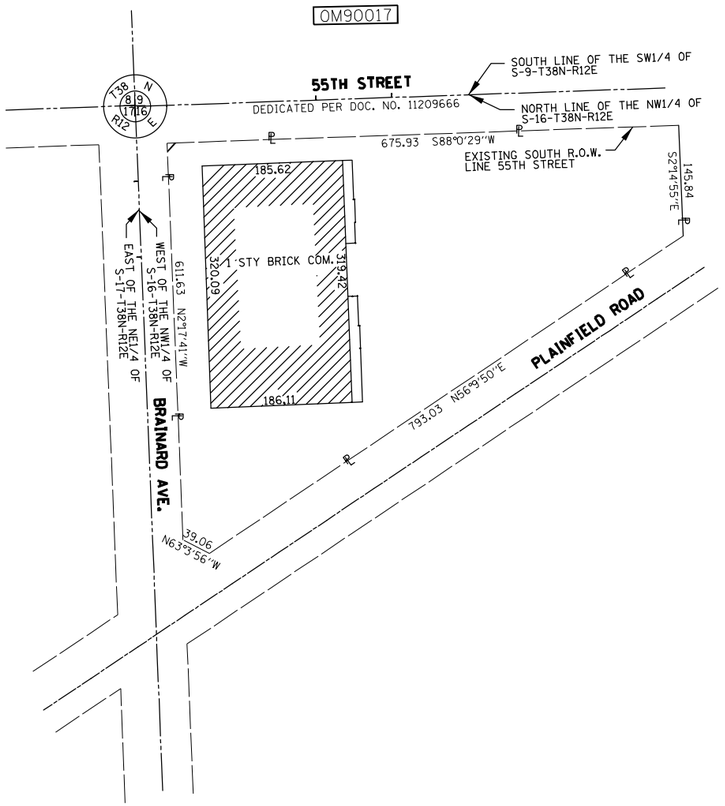
RECEIVED
IDOT USE ONLY
JAN 23 2020
PLATS & LEGALS

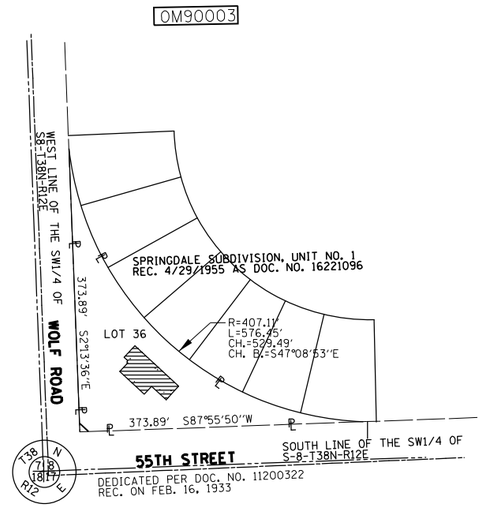
# PLAT OF HIGHWAYS

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**
**55TH STREET**

LIMITS: WOLF ROAD TO BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. 130+00 TO STA. 135+00
SCALE: 1"=30' SHEET 10 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196




## LEGEND

SECTION CORNER

QUARTER SECTION CORNER

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

N

GRAPHIC SCALE FEET
0 100'

SCALE: 1"= 100'

*BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM,NAD83 (2011 ADJUSTMENT),EAST ZONE.*

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.99996469.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS )
)SS
COUNTY OF )

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8 AND 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20 __ A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

# PLAT OF HIGHWAYS

## STATE OF ILLINOIS
## DEPARTMENT OF TRANSPORTATION
## 55TH STREET

LIMITS: WOLF ROAD TO BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-015-17
STA. N/A TO STA. N/A
SCALE: 1"=100' SHEET 11 OF 11 SHEETS

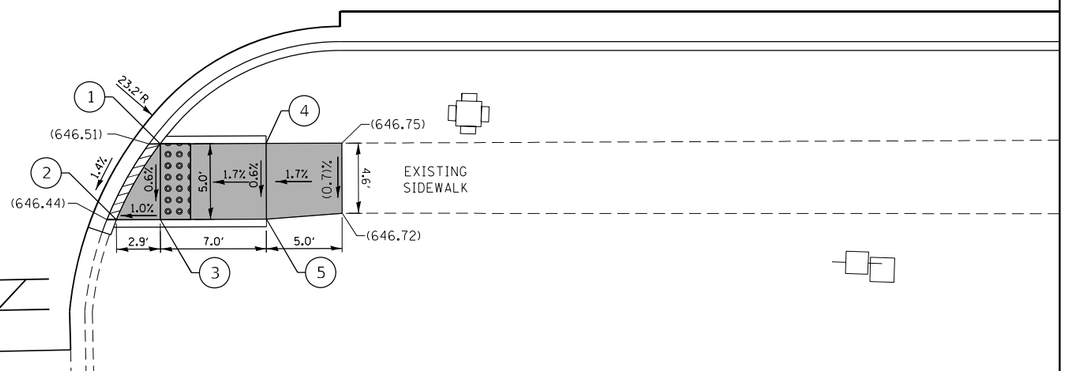
**IDOT USE ONLY**
RECEIVED
DEC 31 2019
PLATS & LEGALS RMR

REVISION DATE: / / REVISION MADE BY:

**BUREAU OF LAND ACQUISITION**
**201 WEST CENTER COURT**
**SCHAUMBURG, ILLINOIS 60196**

66 66+50 67

# 55th STREET




(0.4%)

WOODLAND DRIVE

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 66+48.41 | 30.06' R | 646.55 |
| 2 | 66+45.53 | 35.07' R | 646.49 |
| 3 | 66+48.43 | 35.06' R | 646.52 |
| 4 | 66+55.41 | 30.03' R | 646.67 |
| 5 | 66+55.43 | 35.03' R | 646.64 |

## LEGEND

| | |
|---|---|
| DEPRESSED CURB | PROPOSED SIDEWALK |
| (XX.XX') EXISTING LENGTH | DETECTABLE WARNINGS |
| PROPOSED SIDE CURB | SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD |
| ( ) EXISTING ELEVATION/SLOPE | |

EXIST. ROW

EXIST. ROW

EXIST. ROW

EXIST. ROW

N

GRAPHIC SCALE

5' 0 5' 10' 20'

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\0162G37-sht-ada01 Woodland SE.dgn


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | | REVISED - |
| | DRAWN - JRD | | REVISED - |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT WOODLAND DRIVE**

SCALE: 1" = 5' | SHEET 1 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 142 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

70 | 70+50 | 71

N

55TH ST.

(650.45) | EXISTING SIDEWALK (2.80')4.9' | (650.31)

A B C D J

1.1% 2.0% 5.0' 1.1% 1.8% 5.0' 1.1% 1.5% 5.0' 1.1% 6.4' 0.84%

1.6% 5.0' 1.5% 5.0' 1.5% 1.5% 1.5%

33.0' R

(0.87)% (1.48)%

650.37 (0.44)% (650.34)

(0.26)% (0.44)%

1.56%

22.0' R

1 2 3 4 5 6 (652.65)

1.8% 0.4% 7.0% 7.0% 7.0% 7.0% 1.8% 2.6%

5.6' 5.0' 0.4% 0.4% 0.4% 0.4% 5.0' 0.4%

1.8% 7.0% 7.0% 7.0% 7.0% 1.8% 2.64%

(0.2)% 4.7' EXISTING SIDEWALK

5.0' 5.3'

20 19 18 17 16 15 11 12 13 14 10 9 8 7 (652.64)

1.4% 1.8% 5.0' 1.4% 1.4% 1.8% 5.0' 1.4% 1.6% 2.0% 5.2' 1.4% 2.0% 5.0'

(651.55) (2.7)% 4.7' EXISTING SIDEWALK (651.68)

EXIST. ROW

GRAND AVE.

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 69+80.86 | 29.61′ RT | 650.49 |
| B | 69+85.86 | 29.57′ RT | 650.55 |
| C | 69+90.86 | 29.52′ RT | 650.61 |
| D | 69+97.24 | 29.45′ RT | 650.68 |
| E | 69+80.91 | 34.61′ RT | 650.39 |
| F | 69+85.91 | 34.56′ RT | 650.46 |
| G | 69+90.91 | 34.52′ RT | 650.54 |
| H | 70+02.14 | 34.40′ RT | 650.76 |
| I | 70+08.91 | 34.34′ RT | (650.74) |
| J | 70+02.61 | 29.40′ RT | (650.66) |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 70+65.52 | 31.20′ RT | 651.29 |
| 2 | 70+70.48 | 31.69′ RT | 651.38 |
| 3 | 70+75.46 | 32.19′ RT | 651.73 |
| 4 | 70+80.43 | 32.69′ RT | 652.08 |
| 5 | 70+85.41 | 33.19′ RT | 652.43 |
| 6 | 70+90.38 | 33.69′ RT | 652.52 |
| 7 | 70+89.88 | 38.66′ RT | 652.50 |
| 8 | 70+84.91 | 38.16′ RT | 652.41 |
| 9 | 70+79.93 | 37.67′ RT | 652.06 |
| 10 | 70+74.96 | 37.17′ RT | 651.71 |
| 11 | 70+69.98 | 36.67′ RT | 651.36 |
| 12 | 70+69.49 | 41.64′ RT | 651.43 |
| 13 | 70+68.99 | 46.62′ RT | 651.50 |
| 14 | 70+68.49 | 51.60′ RT | 651.58 |
| 15 | 70+63.51 | 51.10′ RT | 651.48 |
| 16 | 70+64.01 | 46.12′ RT | 651.41 |
| 17 | 70+64.51 | 41.15′ RT | 651.34 |
| 18 | 70+65.01 | 36.17′ RT | 651.27 |
| 19 | 70+60.40 | 35.71′ RT | 651.19 |
| 20 | 70+58.55 | 35.52′ RT | (651.22) |
| 21 | 70+63.07 | 30.95′ RT | (651.32) |

## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

GRAPHIC SCALE

5′ 0 5′ 10′ 20′

MODEL: Default
FILE NAME: X:\560 Drawings\502 CADD Sheets\62G37-sht-ada02 Grand Ave.dgn

Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0360 www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

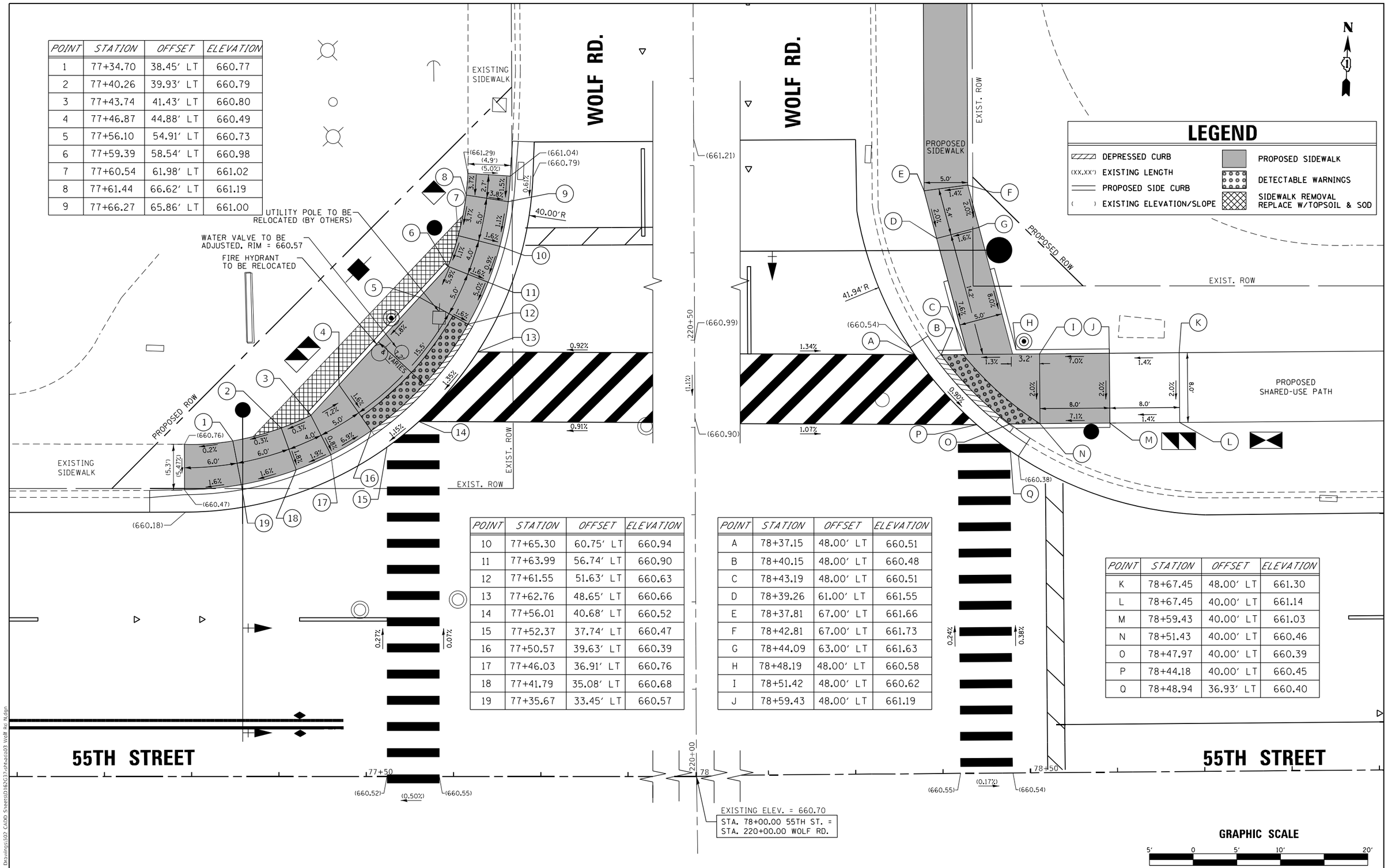
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
55TH STREET AT GRAND AVENUE

SCALE: 1" = 5' | SHEET 2 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 143 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 77+34.70 | 38.45' LT | 660.77 |
| 2 | 77+40.26 | 39.93' LT | 660.79 |
| 3 | 77+43.74 | 41.43' LT | 660.80 |
| 4 | 77+46.87 | 44.88' LT | 660.49 |
| 5 | 77+56.10 | 54.91' LT | 660.73 |
| 6 | 77+59.39 | 58.54' LT | 660.98 |
| 7 | 77+60.54 | 61.98' LT | 661.02 |
| 8 | 77+61.44 | 66.62' LT | 661.19 |
| 9 | 77+66.27 | 65.86' LT | 661.00 |




## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 10 | 77+65.30 | 60.75' LT | 660.94 |
| 11 | 77+63.99 | 56.74' LT | 660.90 |
| 12 | 77+61.55 | 51.63' LT | 660.63 |
| 13 | 77+62.76 | 48.65' LT | 660.66 |
| 14 | 77+56.01 | 40.68' LT | 660.52 |
| 15 | 77+52.37 | 37.74' LT | 660.47 |
| 16 | 77+50.57 | 39.63' LT | 660.39 |
| 17 | 77+46.03 | 36.91' LT | 660.76 |
| 18 | 77+41.79 | 35.08' LT | 660.68 |
| 19 | 77+35.67 | 33.45' LT | 660.57 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 78+37.15 | 48.00' LT | 660.51 |
| B | 78+40.15 | 48.00' LT | 660.48 |
| C | 78+43.19 | 48.00' LT | 660.51 |
| D | 78+39.26 | 61.00' LT | 661.55 |
| E | 78+37.81 | 67.00' LT | 661.66 |
| F | 78+42.81 | 67.00' LT | 661.73 |
| G | 78+44.09 | 63.00' LT | 661.63 |
| H | 78+48.19 | 48.00' LT | 660.58 |
| I | 78+51.42 | 48.00' LT | 660.62 |
| J | 78+59.43 | 48.00' LT | 661.19 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| K | 78+67.45 | 48.00' LT | 661.30 |
| L | 78+67.45 | 40.00' LT | 661.14 |
| M | 78+59.43 | 40.00' LT | 661.03 |
| N | 78+51.43 | 40.00' LT | 660.46 |
| O | 78+47.97 | 40.00' LT | 660.39 |
| P | 78+44.18 | 40.00' LT | 660.45 |
| Q | 78+48.94 | 36.93' LT | 660.40 |

GRAPHIC SCALE

5' 0 5' 10' 20'

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D1620G37-sht-ada03 Wolf Rd N.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0400
www.bowman.com

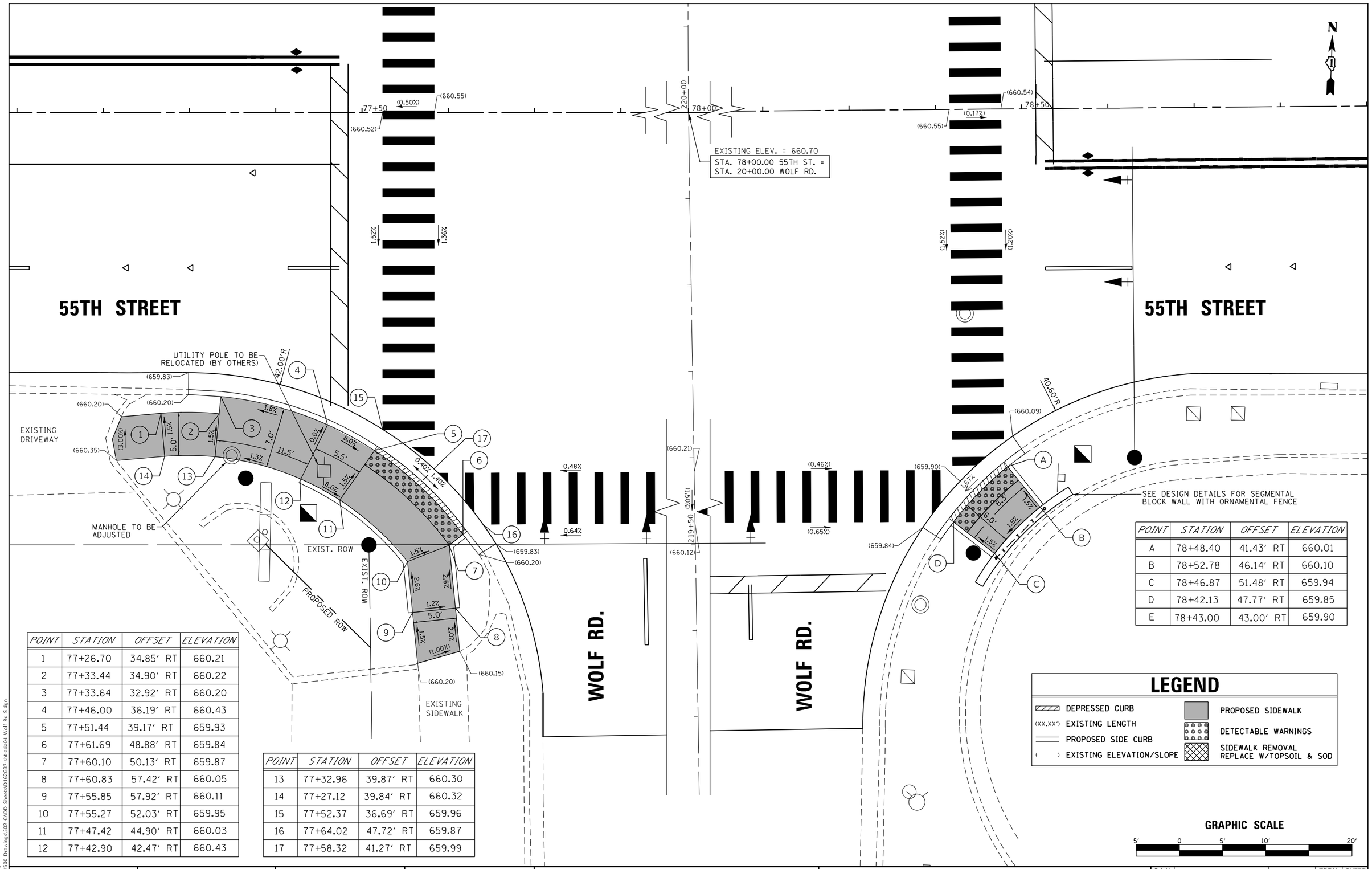
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD, KDB | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT WOLF ROAD**

SCALE: 1" = 5' | SHEET 3 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 144 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 77+26.70 | 34.85′ RT | 660.21 |
| 2 | 77+33.44 | 34.90′ RT | 660.22 |
| 3 | 77+33.64 | 32.92′ RT | 660.20 |
| 4 | 77+46.00 | 36.19′ RT | 660.43 |
| 5 | 77+51.44 | 39.17′ RT | 659.93 |
| 6 | 77+61.69 | 48.88′ RT | 659.84 |
| 7 | 77+60.10 | 50.13′ RT | 659.87 |
| 8 | 77+60.83 | 57.42′ RT | 660.05 |
| 9 | 77+55.85 | 57.92′ RT | 660.11 |
| 10 | 77+55.27 | 52.03′ RT | 659.95 |
| 11 | 77+47.42 | 44.90′ RT | 660.03 |
| 12 | 77+42.90 | 42.47′ RT | 660.43 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 13 | 77+32.96 | 39.87′ RT | 660.30 |
| 14 | 77+27.12 | 39.84′ RT | 660.32 |
| 15 | 77+52.37 | 36.69′ RT | 659.96 |
| 16 | 77+64.02 | 47.72′ RT | 659.87 |
| 17 | 77+58.32 | 41.27′ RT | 659.99 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 78+48.40 | 41.43′ RT | 660.01 |
| B | 78+52.78 | 46.14′ RT | 660.10 |
| C | 78+46.87 | 51.48′ RT | 659.94 |
| D | 78+42.13 | 47.77′ RT | 659.85 |
| E | 78+43.00 | 43.00′ RT | 659.90 |

## LEGEND

- DEPRESSED CURB
- (XX.XX′) EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

**GRAPHIC SCALE**

5′ 0 5′ 10′ 20′

MODEL: Default
FILE NAME: X:\500 Drawings\50D C400 Sheets\D162G37-4th-sht04 Wolf Rd S.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-634-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 10.0000 ′ / in. | CHECKED - JDW | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT WOLF ROAD**

SCALE: 1" = 5' | SHEET 4 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 145 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 96+08.47 | 44.08′ LT | 680.04 |
| 2 | 96+16.47 | 44.08′ LT | 680.10 |
| 3 | 96+28.07 | 44.08′ LT | 680.20 |
| 4 | 96+16.47 | 33.80′ LT | 679.99 |
| 5 | 96+16.47 | 36.08′ LT | 679.96 |
| 6 | 96+08.47 | 36.08′ LT | 680.03 |
| 7 | 96+31.16 | 44.08′ LT | 680.26 |
| 8 | 96+22.90 | 34.89′ LT | 680.12 |
| 9 | 96+16.47 | 30.91′ LT | 680.04 |
| 10 | 96+16.47 | 0.00′ | 680.45 |
| 11 | 96+22.47 | 0.00′ | 680.52 |
| 12 | 96+00.47 | 44.08′ LT | 679.98 |
| 13 | 96+00.47 | 36.08′ LT | 680.10 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 96+67.72 | 44.08′ LT | 680.28 |
| B | 96+82.86 | 44.08′ LT | 680.54 |
| C | 96+90.86 | 44.08′ LT | 681.04 |
| D | 96+90.86 | 36.08′ LT | 681.16 |
| E | 96+82.86 | 36.08′ LT | 680.69 |
| F | 96+82.86 | 32.20′ LT | 680.63 |
| G | 96+82.86 | 29.45′ LT | 680.71 |
| H | 96+76.87 | 32.21′ LT | 680.59 |
| I | 96+71.43 | 36.08′ LT | 680.46 |
| J | 96+64.63 | 44.08′ LT | 680.26 |
| K | 96+47.95 | 44.08′ LT | 680.51 |
| L | 96+47.95 | 36.08′ LT | 680.57 |
| M | 96+76.86 | 0.00′ | 681.18 |
| N | 96+82.86 | 0.00′ | 681.25 |
| O | 96+98.86 | 36.08′ LT | 681.28 |
| P | 96+98.86 | 44.08′ LT | 681.16 |

N

LAUREL AVE.

EXIST. ROW

EXIST. ROW

EXIST. ROW

EXIST. ROW

(679.76)

(680.23)

WATER VALVE TO BE ADJUSTED, RIM = 680.51

PROPOSED SHARED-USE PATH

PROPOSED SHARED-USE PATH

55th STREET

## LEGEND

- DEPRESSED CURB
- (XX.XX′) EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

GRAPHIC SCALE

5′ 0 5′ 10′ 20′

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-auto05 Laurel Ave N.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

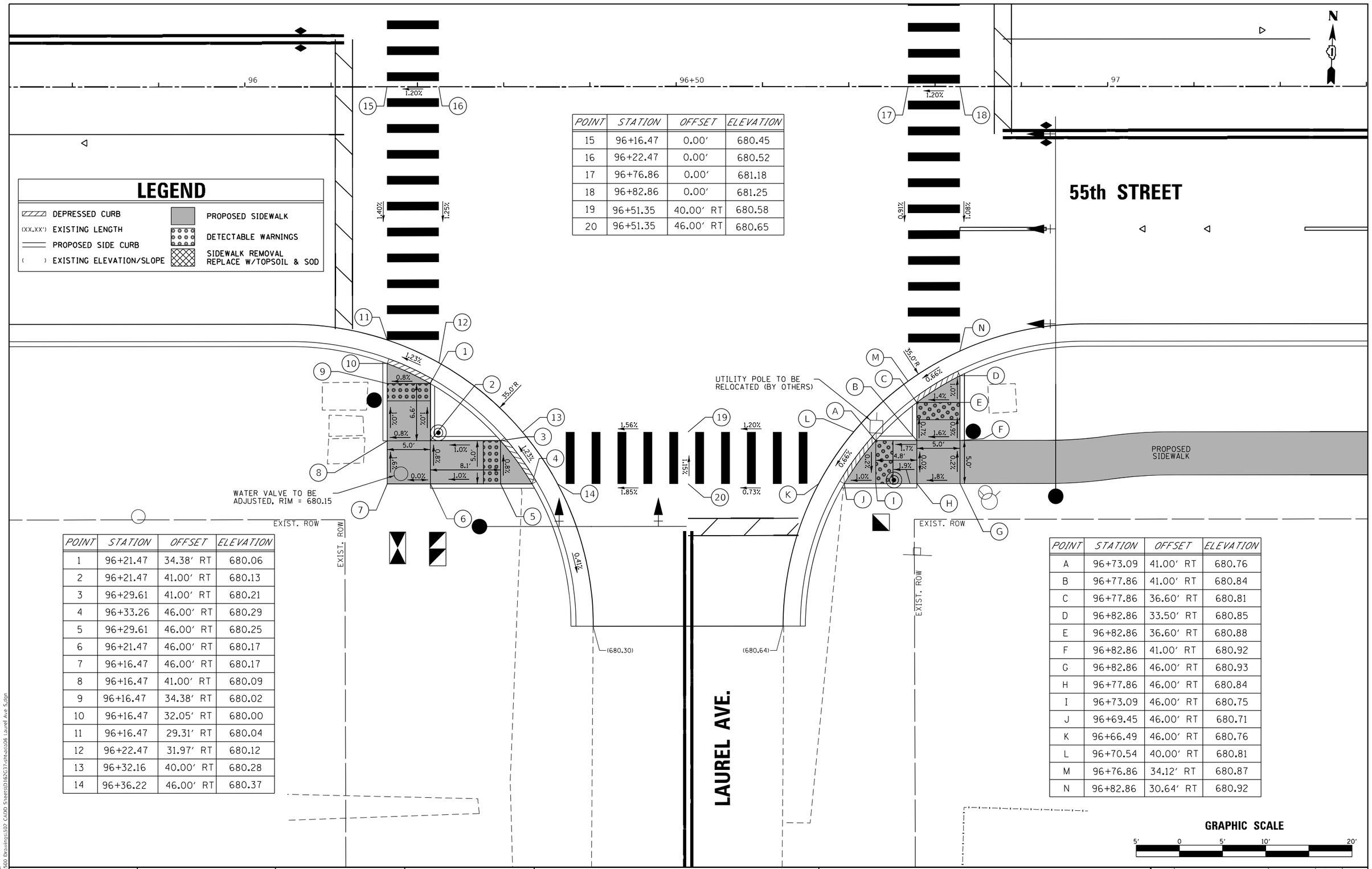
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 10.0000 ′ / in. | CHECKED - JDW | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT LAUREL AVENUE**

SCALE: 1" = 5′ | SHEET 5 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 146 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 15 | 96+16.47 | 0.00' | 680.45 |
| 16 | 96+22.47 | 0.00' | 680.52 |
| 17 | 96+76.86 | 0.00' | 681.18 |
| 18 | 96+82.86 | 0.00' | 681.25 |
| 19 | 96+51.35 | 40.00' RT | 680.58 |
| 20 | 96+51.35 | 46.00' RT | 680.65 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 96+21.47 | 34.38' RT | 680.06 |
| 2 | 96+21.47 | 41.00' RT | 680.13 |
| 3 | 96+29.61 | 41.00' RT | 680.21 |
| 4 | 96+33.26 | 46.00' RT | 680.29 |
| 5 | 96+29.61 | 46.00' RT | 680.25 |
| 6 | 96+21.47 | 46.00' RT | 680.17 |
| 7 | 96+16.47 | 46.00' RT | 680.17 |
| 8 | 96+16.47 | 41.00' RT | 680.09 |
| 9 | 96+16.47 | 34.38' RT | 680.02 |
| 10 | 96+16.47 | 32.05' RT | 680.00 |
| 11 | 96+16.47 | 29.31' RT | 680.04 |
| 12 | 96+22.47 | 31.97' RT | 680.12 |
| 13 | 96+32.16 | 40.00' RT | 680.28 |
| 14 | 96+36.22 | 46.00' RT | 680.37 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 96+73.09 | 41.00' RT | 680.76 |
| B | 96+77.86 | 41.00' RT | 680.84 |
| C | 96+77.86 | 36.60' RT | 680.81 |
| D | 96+82.86 | 33.50' RT | 680.85 |
| E | 96+82.86 | 36.60' RT | 680.88 |
| F | 96+82.86 | 41.00' RT | 680.92 |
| G | 96+82.86 | 46.00' RT | 680.93 |
| H | 96+77.86 | 46.00' RT | 680.84 |
| I | 96+73.09 | 46.00' RT | 680.75 |
| J | 96+69.45 | 46.00' RT | 680.71 |
| K | 96+66.49 | 46.00' RT | 680.76 |
| L | 96+70.54 | 40.00' RT | 680.81 |
| M | 96+76.86 | 34.12' RT | 680.87 |
| N | 96+82.86 | 30.64' RT | 680.92 |

GRAPHIC SCALE
5' 0 5' 10' 20'

MODEL: Default
FILE NAME: X:\500 Drawings\502 C400 Sheets\D162G37-alt-sht006 Laurel Ave S.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
55TH STREET AT LAUREL AVENUE

SCALE: 1" = 5' | SHEET 6 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 147 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 100+45.32 | 43.08' L | 683.90 |
| 2 | 100+53.32 | 43.08' L | 683.75 |
| 3 | 100+61.32 | 43.08' L | 683.50 |
| 4 | 100+61.32 | 43.08' L | 683.24 |
| 5 | 100+70.62 | 43.08' L | 683.30 |
| 6 | 100+66.79 | 35.08' L | 683.43 |
| 7 | 100+63.32 | 35.08' L | 683.40 |
| 8 | 100+61.32 | 35.08' L | 683.43 |
| 9 | 100+53.32 | 35.08' L | 683.72 |
| 10 | 100+45.32 | 35.08' L | 683.88 |
| 11 | 100+35.97 | 43.08' L | 683.97 |
| 12 | 100+43.42 | 35.08' L | 683.90 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 101+00 | 40.08' LT | 683.92 |
| B | 101+06 | 28.09' LT | 683.87 |
| C | 101+06 | 40.08' LT | 684.12 |
| D | 101+14 | 28.09' LT | 684.17 |
| E | 101+14 | 30.09' LT | 684.2 |
| F | 101+14 | 40.08' LT | 684.32 |
| G | 101+42 | 28.11' LT | 684.57 |
| H | 101+42 | 30.11' LT | 683.6 |
| I | 101+42 | 40.08' LT | 684.72 |
| J | 101+50 | 30.82' LT | 684.82 |
| K | 101+50 | 40.08' LT | 684.88 |
| L | 101+54 | 40.08' LT | 684.94 |

## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

N

NORTHWEST COURT

NORTHWEST CT

EXIST. ROW

EXIST. ROW

EXIST. ROW

EXIST. ROW

PROPOSED SHARED-USE PATH

9.3'

8.0'

6.6'

0.80%

1.90%

3.1%

8.0'

3.7%

0.60%

10.5'

0.25%

8.0'

0.4%

0.9%

1.50%

9.6'

1.0%

3.6%

1.50%

20.0' R

1.2%

5.9'

3.4%

8.0'

28.0'

8.00'

3.18'

2.5%

1.4%

2.0%

1.9%

0.36%

1.5%

8.0'

2.0'

1.5%

1.2%

10.0'

2.1%

1.5%

PROPOSED STAMPED COLORED PCC SIDEWALK

1.5%

3.75%

3.12%

9.3'

55th STREET

0+00

101 101

NORTH

GRAPHIC SCALE

5' 0 5' 10' 20'

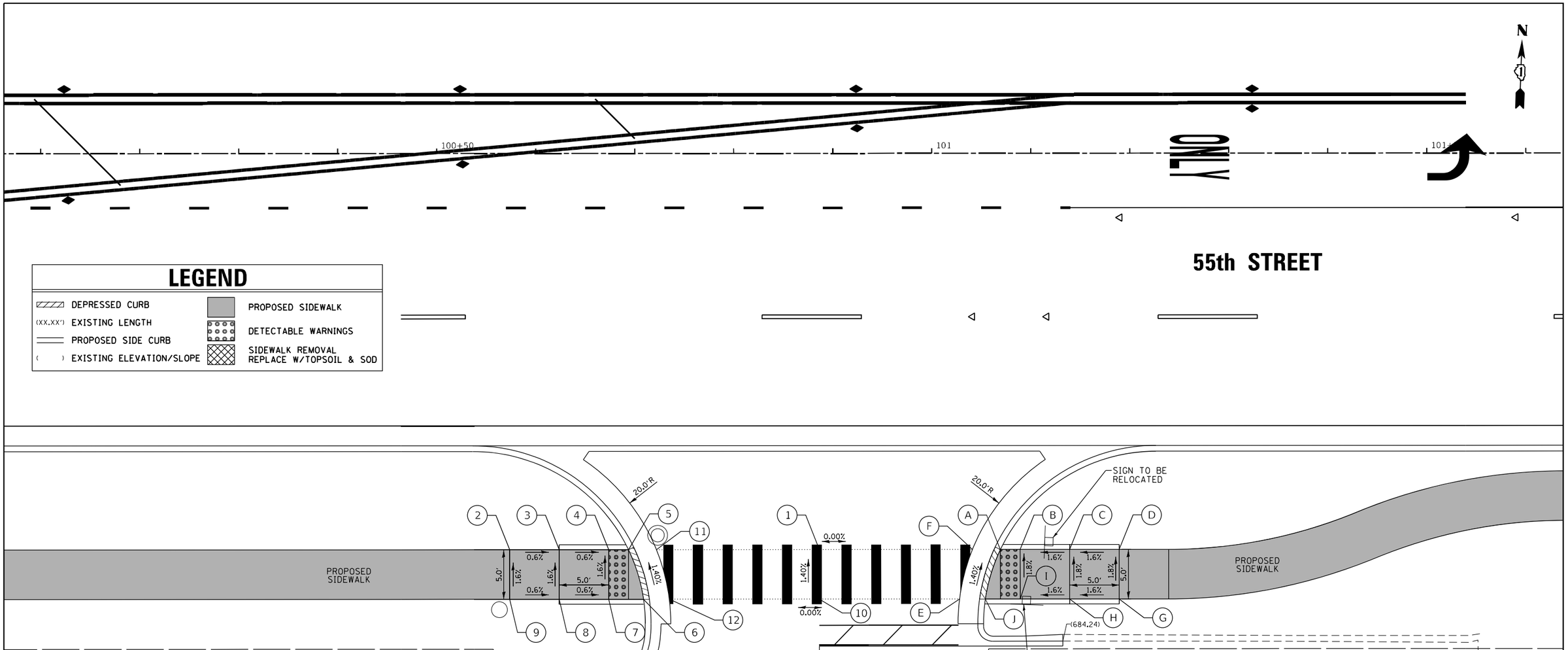
| | | | |
|---|---|---|---|
| AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 10/27/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT NORTHWEST COURT**

SCALE: 1" : 5' | SHEET 7 OF 9 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 148 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




## LEGEND

| | |
|---|---|
| DEPRESSED CURB | PROPOSED SIDEWALK |
| (XX.XX') EXISTING LENGTH | DETECTABLE WARNINGS |
| PROPOSED SIDE CURB | SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD |
| ( ) EXISTING ELEVATION/SLOPE | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 100+88.64 | 40.00' RT | 684.06 |
| 2 | 100+57.35 | 40.00' RT | 684.07 |
| 3 | 100+62.35 | 40.00' RT | 684.04 |
| 4 | 100+67.35 | 40.00' RT | 684.01 |
| 5 | 100+69.35 | 40.00' RT | 684.00 |
| 6 | 100+70.87 | 45.00' RT | 684.07 |
| 7 | 100+67.35 | 45.00' RT | 684.09 |
| 8 | 100+62.35 | 45.00' RT | 684.12 |
| 9 | 100+57.35 | 45.00' RT | 684.15 |
| 10 | 100+88.62 | 45.00' RT | 684.13 |
| 11 | 100+72.17 | 40.00' RT | 684.06 |
| 12 | 100+73.48 | 45.00' RT | 684.13 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 101+06.92 | 40.00' RT | 684.00 |
| B | 101+08.92 | 40.00' RT | 684.03 |
| C | 101+13.92 | 40.00' RT | 684.11 |
| D | 101+18.92 | 40.00' RT | 684.19 |
| E | 101+02.79 | 45.00' RT | 684.13 |
| F | 101+04.09 | 40.00' RT | 684.06 |
| G | 101+18.92 | 45.00' RT | 684.28 |
| H | 101+13.92 | 45.00' RT | 684.20 |
| I | 101+08.92 | 45.00' RT | 684.12 |
| J | 101+05.40 | 45.00' RT | 684.07 |

**GRAPHIC SCALE**

5' 0 5' 10' 20'

MODEL: Default
FILE NAME: X:\500 Drawings\30D CADD Sheets\D162G37-ath-ada08 SW Court.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowman.com

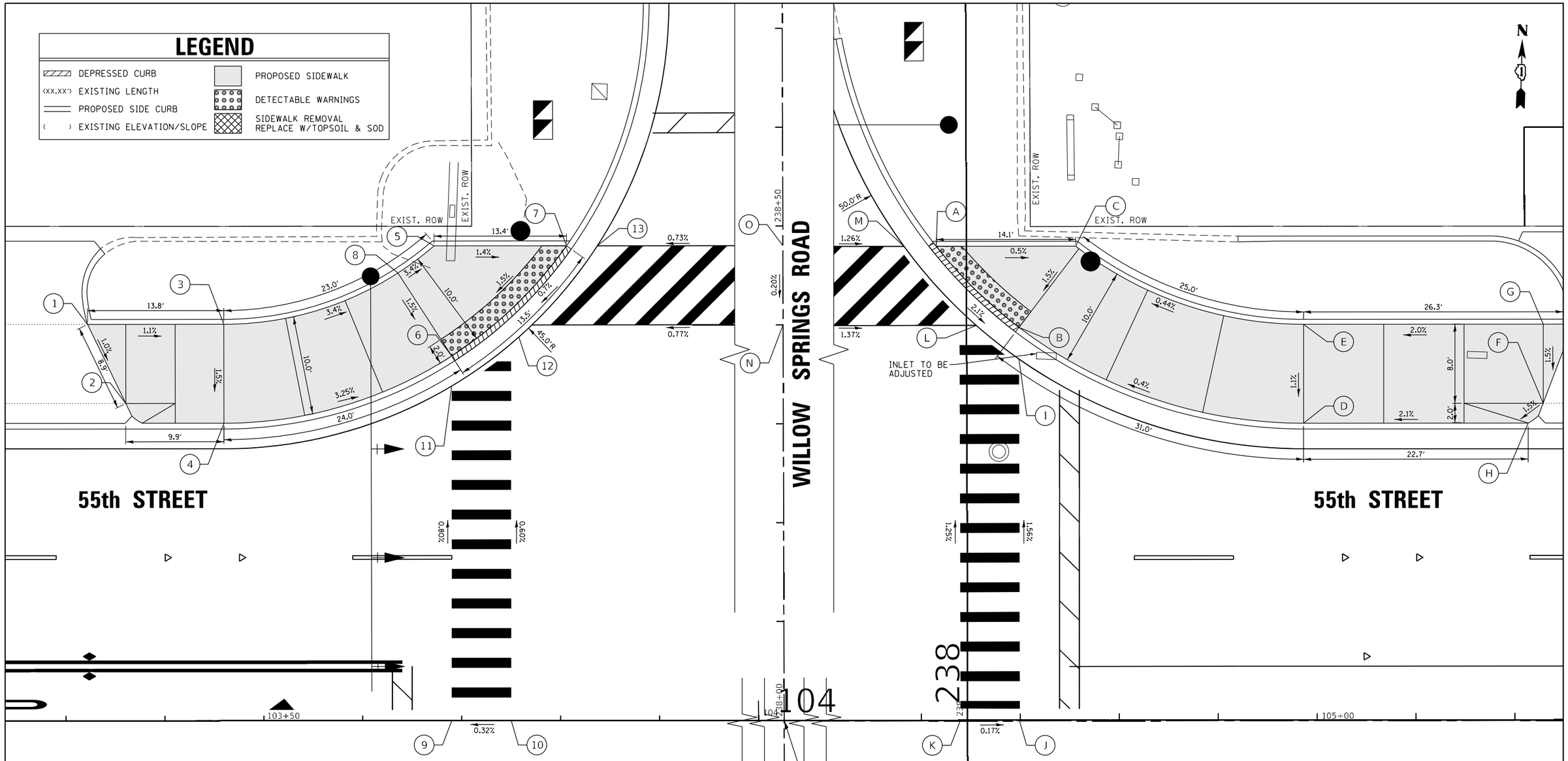
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT SOUTHWEST COURT**

SCALE: 1" = 5' | SHEET 8 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 149 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 103+33.50 | 40.10' LT | 685.30 |
| 2 | 103+37.00 | 32.10' LT | 685.21 |
| 3 | 103+46.00 | 40.10' LT | 685.15 |
| 4 | 103+46.00 | 30.10' LT | 685.0 |
| 5 | 103+67.50 | 48.00' LT | 684.44 |
| 6 | 103+69.00 | 36.90' LT | 684.37 |
| 7 | 103+80.00 | 48.00' LT | 684.25 |
| 8 | 103+63.50 | 45.30' LT | 684.52 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 9 | 103+69.00 | 0.00' | 684.26 |
| 10 | 103+75.00 | 0.00' | 684.28 |
| 11 | 103+69.00 | 33.84' LT | 683.99 |
| 12 | 103+75.79 | 38.79' LT | 684.07 |
| 13 | 103+83.73 | 48.01' LT | 684.19 |
| 14 | | | |
| 15 | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 104+61.00 | 48.01' LT | 684.37 |
| B | 104+70.00 | 39.44' LT | 684.13 |
| C | 104+75.80 | 48.01' LT | 684.28 |
| D | 104+98.10 | 30.08' LT | 684.28 |
| E | 104+98.10 | 40.00' LT | 684.39 |
| F | 103+22.25 | 32.02' LT | 684.79 |
| G | 103+22.80 | 40.01' LT | 684.91 |
| H | 103+21.30 | 30.01' LT | 684.76 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| I | 104+69.92 | 36.54' LT | 683.75 |
| J | 104+69.92 | 0.00' | 684.32 |
| K | 104+63.92 | 0.00' | 684.33 |
| L | 104+65.09 | 40.00' LT | 683.83 |
| M | 104+58.29 | 47.93' LT | 683.99 |
| N | 238+40.00 | 0.00' | 684.44 |
| O | 238+48.01 | 0.00' | 684.46 |

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

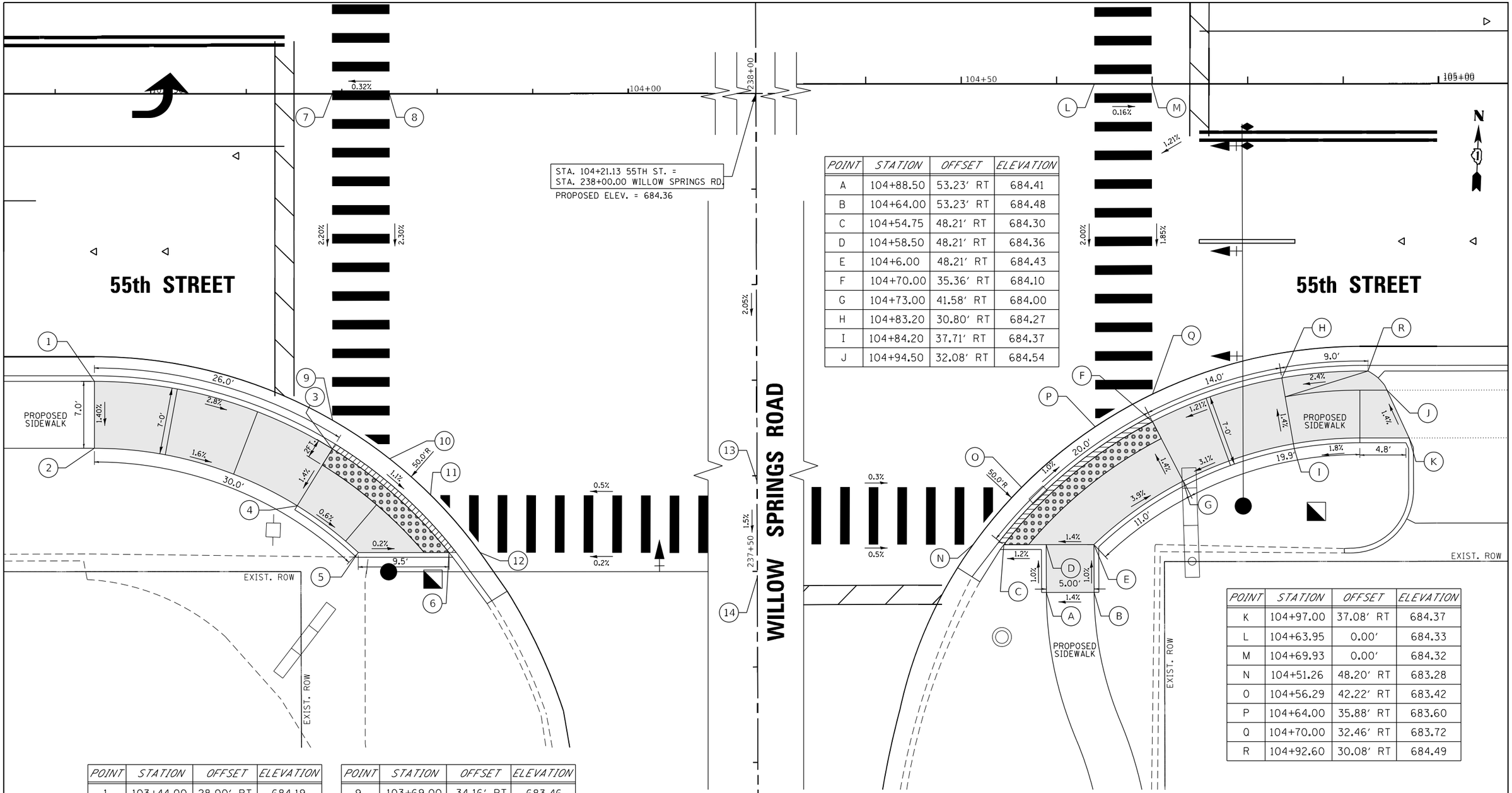
| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - $DATE$ | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT WILLOW SPRINGS ROAD**

SCALE: 1" = 5' | SHEET 9 OF 19 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 150 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 104+88.50 | 53.23' RT | 684.41 |
| B | 104+64.00 | 53.23' RT | 684.48 |
| C | 104+54.75 | 48.21' RT | 684.30 |
| D | 104+58.50 | 48.21' RT | 684.36 |
| E | 104+6.00 | 48.21' RT | 684.43 |
| F | 104+70.00 | 35.36' RT | 684.10 |
| G | 104+73.00 | 41.58' RT | 684.00 |
| H | 104+83.20 | 30.80' RT | 684.27 |
| I | 104+84.20 | 37.71' RT | 684.37 |
| J | 104+94.50 | 32.08' RT | 684.54 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| K | 104+97.00 | 37.08' RT | 684.37 |
| L | 104+63.95 | 0.00' | 684.33 |
| M | 104+69.93 | 0.00' | 684.32 |
| N | 104+51.26 | 48.20' RT | 683.28 |
| O | 104+56.29 | 42.22' RT | 683.42 |
| P | 104+64.00 | 35.88' RT | 683.60 |
| Q | 104+70.00 | 32.46' RT | 683.72 |
| R | 104+92.60 | 30.08' RT | 684.49 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 103+44.00 | 28.00' RT | 684.19 |
| 2 | 103+44.00 | 35.10' RT | 684.09 |
| 3 | 103+69.03 | 34.76' RT | 683.84 |
| 4 | 103+66.93 | 41.60' RT | 683.56 |
| 5 | 103+71.50 | 48.00' RT | 683.46 |
| 6 | 103+80.50 | 48.00' RT | 683.69 |
| 7 | 103+69.00 | 0.00 | 684.26 |
| 8 | 103+75.00 | 0.00 | 684.28 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 9 | 103+69.00 | 34.16' RT | 683.46 |
| 10 | 103+74.98 | 38.20' RT | 683.41 |
| 11 | 103+79.16 | 42.00' RT | 683.33 |
| 12 | 103+84.46 | 48.02' RT | 683.31 |
| 13 | 237+59.40 | 0.00 | 683.53 |
| 14 | 237+49.40 | 0.00 | 683.38 |

## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

**GRAPHIC SCALE**

5' 0 5' 10' 20'


AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516


| | | | |
|---|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - | |
| | DRAWN - TM | REVISED - | |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - | |
| PLOT DATE = $DATE$ | DATE - $DATE$ | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT WILLOW SPRINGS ROAD**

SCALE: 1" = 5' | SHEET 10 OF 19 SHEETS | STA. | TO STA.

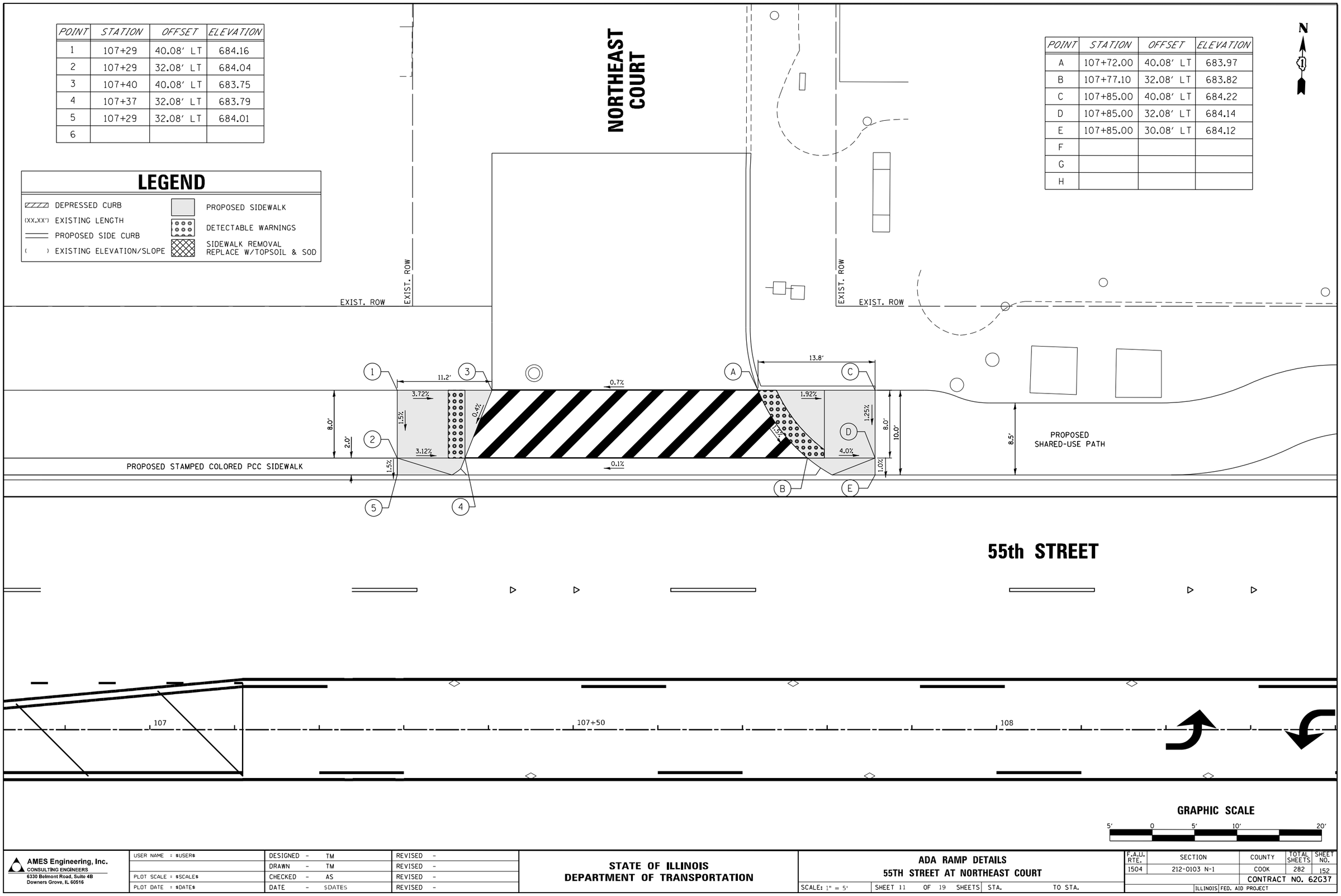
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 151 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 107+29 | 40.08' LT | 684.16 |
| 2 | 107+29 | 32.08' LT | 684.04 |
| 3 | 107+40 | 40.08' LT | 683.75 |
| 4 | 107+37 | 32.08' LT | 683.79 |
| 5 | 107+29 | 32.08' LT | 684.01 |
| 6 | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 107+72.00 | 40.08' LT | 683.97 |
| B | 107+77.10 | 32.08' LT | 683.82 |
| C | 107+85.00 | 40.08' LT | 684.22 |
| D | 107+85.00 | 32.08' LT | 684.14 |
| E | 107+85.00 | 30.08' LT | 684.12 |
| F | | | |
| G | | | |
| H | | | |

## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

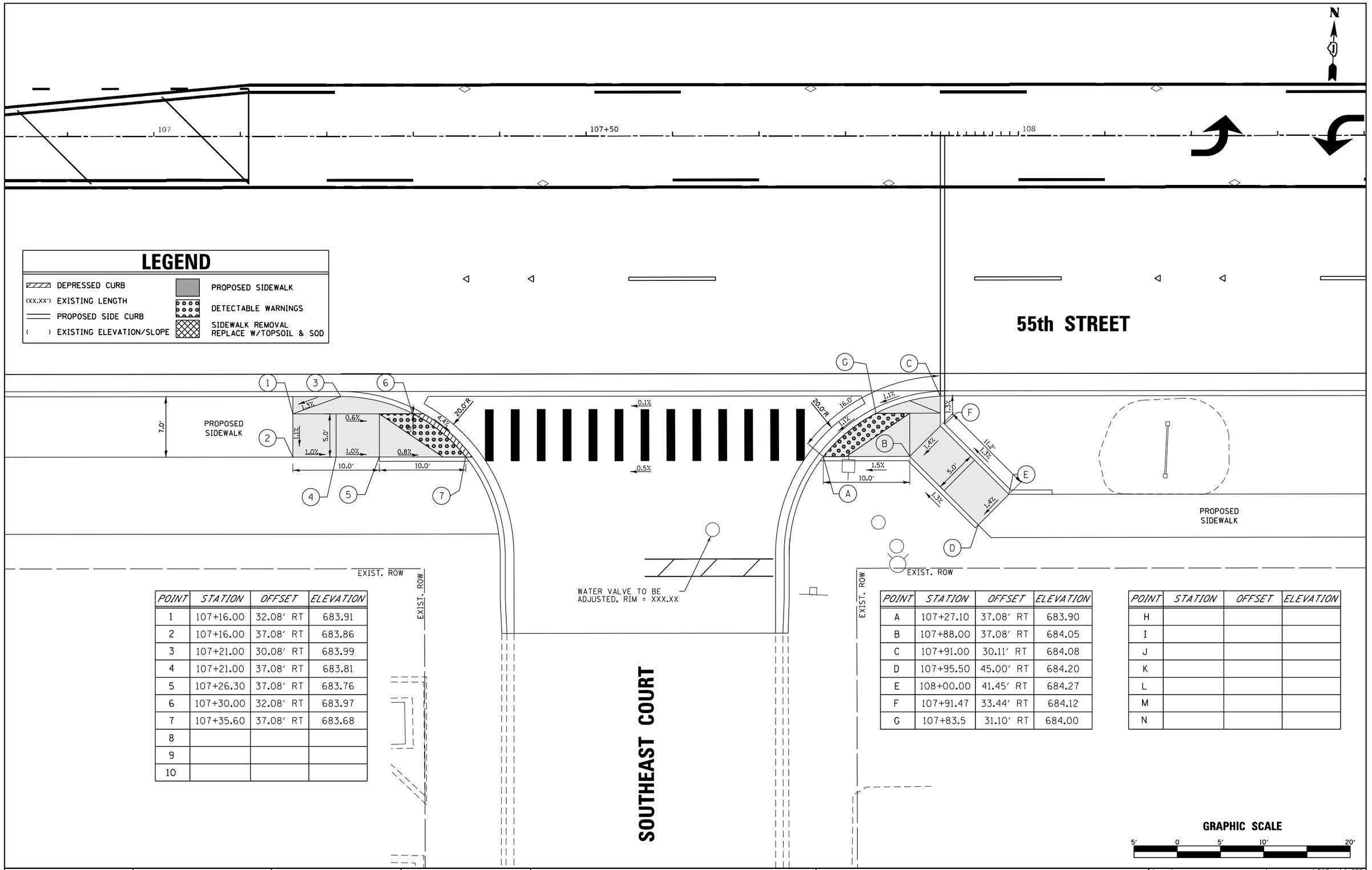



GRAPHIC SCALE

5' 0 5' 10' 20'

| | | | | | |
|---|---|---|---|---|---|
| AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | ADA RAMP DETAILS 55TH STREET AT NORTHEAST COURT |
| | | DRAWN - TM | REVISED - | | |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - | | |
| | PLOT DATE = $DATE$ | DATE - $DATES | REVISED - | | SCALE: 1" = 5' \| SHEET 11 OF 19 SHEETS \| STA. TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 152 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 107+16.00 | 32.08' RT | 683.91 |
| 2 | 107+16.00 | 37.08' RT | 683.86 |
| 3 | 107+21.00 | 30.08' RT | 683.99 |
| 4 | 107+21.00 | 37.08' RT | 683.81 |
| 5 | 107+26.30 | 37.08' RT | 683.76 |
| 6 | 107+30.00 | 32.08' RT | 683.97 |
| 7 | 107+35.60 | 37.08' RT | 683.68 |
| 8 | | | |
| 9 | | | |
| 10 | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 107+27.10 | 37.08' RT | 683.90 |
| B | 107+88.00 | 37.08' RT | 684.05 |
| C | 107+91.00 | 30.11' RT | 684.08 |
| D | 107+95.50 | 45.00' RT | 684.20 |
| E | 108+00.00 | 41.45' RT | 684.27 |
| F | 107+91.47 | 33.44' RT | 684.12 |
| G | 107+83.5 | 31.10' RT | 684.00 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| H | | | |
| I | | | |
| J | | | |
| K | | | |
| L | | | |
| M | | | |
| N | | | |

GRAPHIC SCALE
5' 0 5' 10' 20'

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - $DATE$ | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
55TH STREET AT SOUTHEAST COURT

SCALE: 1" = 5' | SHEET 12 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 153 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 116+79.54 | 43.08' L | 675.32 |
| 2 | 116+87.54 | 43.08' L | 675.20 |
| 3 | 116+97.22 | 43.08' L | 675.11 |
| 4 | 117+00.04 | 43.08' L | 675.15 |
| 5 | 116+94.82 | 35.08' L | 675.29 |
| 6 | 116+90.99 | 35.08' L | 675.27 |
| 7 | 116+87.54 | 35.08' L | 675.32 |
| 8 | 116+79.54 | 35.08' L | 675.44 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 117+31.78 | 43.08' L | 675.10 |
| B | 117+34.76 | 43.08' L | 675.14 |
| C | 117+46.11 | 43.08' L | 675.18 |
| D | 117+54.11 | 43.08' L | 675.22 |
| E | 117+54.11 | 35.08' L | 675.34 |
| F | 117+46.11 | 35.08' L | 675.30 |
| G | 117+42.30 | 35.08' L | 675.24 |
| H | 117+38.15 | 35.08' L | 675.25 |

N

## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

EDGEWOOD AVENUE

EXIST. TOWNSHIP LINE

EXIST. ROW

EXIST. ROW

25.0'R

UTILITY POLE
TO BE RELOCATED, BY OTHERS

PROPOSED
SHARED-USE PATH

PROPOSED
SHARED-USE PATH

1.50%
0.9%
9.7'
8.0'
1.88%
0.5%
30.0'R

55th STREET

116+50
117
117+50

GRAPHIC SCALE
5' 0 5' 10' 20'

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - KMM | REVISED - | |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT EDGEWOOD AVENUE**

SCALE: 1" = 5' | SHEET 13 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 154 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\307 CADD Sheets\D162G37-sht-ada13 Edgewood N.dgn

117 | 117+50 | 118 | 118+50

N

# 55th STREET

25.0'R

676.03

676.18

676.96

EXISTING SIDEWALK

(675.72)

(675.83)

5.0'

(2.2%)

1.60%

2.0%

0.4%

1.50%

6.0'

2.3'

EXIST. ROW

EXIST. ROW

PROPOSED SIDEWALK

WATER VALVE TO BE ADJUSTED, RIM = 676.60

7.5%

1.3%

10.0'

EXIST. ROW

EXIST. ROW

EDGEWOOD AVE.

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 117+59.23 | 41.22' R | 675.78 |
| B | 117+57.40 | 41.22' R | 675.72 |
| C | 117+61.37 | 46.22' R | 675.85 |
| D | 117+59.71 | 46.22' R | 675.79 |
| E | 117+51.40 | 41.22' R | 675.84 |
| F | 117+51.40 | 46.22' R | 675.92 |
| G | 117+46.40 | 41.22' R | 675.78 |
| H | 117+46.40 | 46.22' R | 675.86 |
| I | 117+57.40 | 46.22' R | 675.80 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 117+95.79 | 41.32' R | 675.78 |
| 2 | 117+97.62 | 41.32' R | 675.74 |
| 3 | 117+93.68 | 46.32' R | 675.85 |
| 4 | 117+95.34 | 46.32' R | 675.79 |
| 5 | 117+97.62 | 46.32' R | 675.82 |
| 6 | 118+7.62 | 46.32' R | 676.49 |
| 7 | 118+7.62 | 46.32' R | 676.57 |
| 8 | 118+12.62 | 41.32' R | 676.59 |
| 9 | 118+12.62 | 46.32' R | 676.67 |

## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

## GRAPHIC SCALE

5' 0 5' 10' 20'

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-dht-sht14 Edgewood S.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-346-2360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - JRD | REVISED - | |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

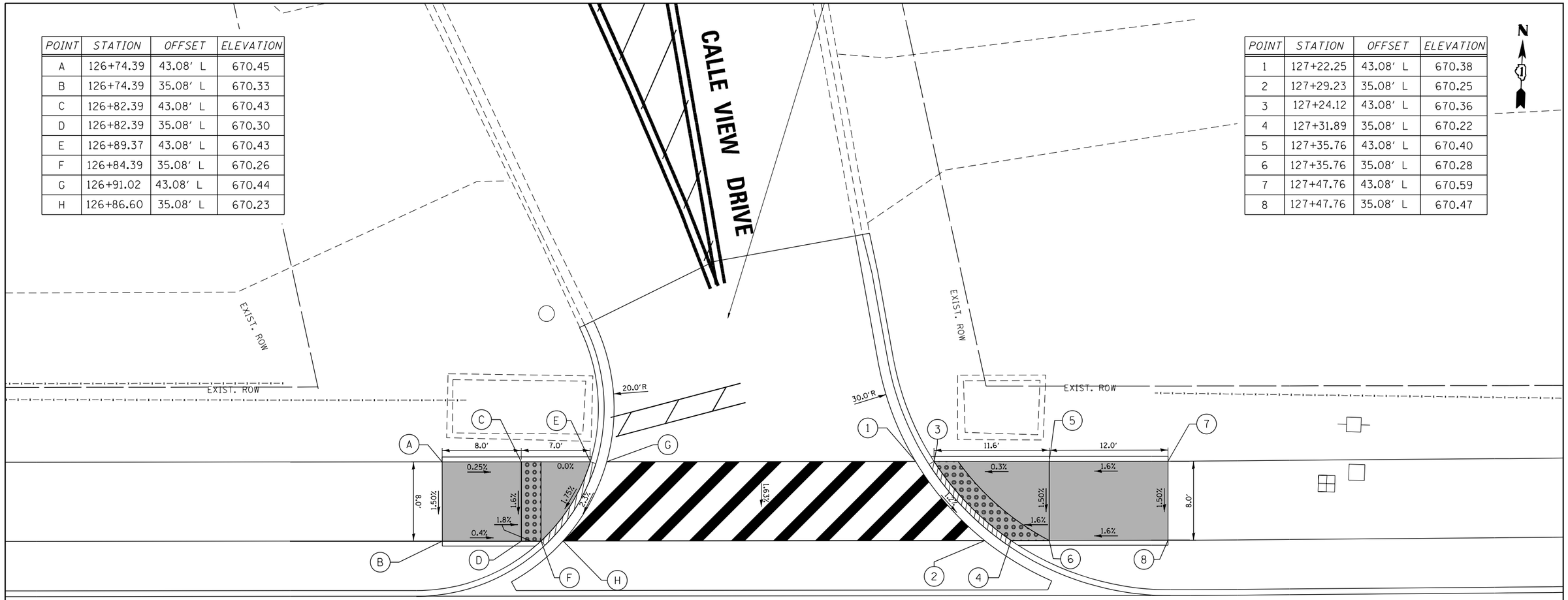
**ADA RAMP DETAILS**
**55TH STREET AT EDGEWOOD AVENUE**

SCALE: 1" = 5' | SHEET 14 OF 19 SHEETS | STA. | TO STA.

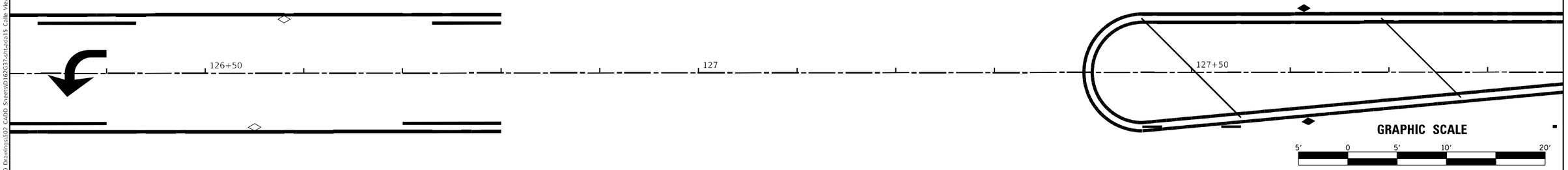
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 155 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 126+74.39 | 43.08' L | 670.45 |
| B | 126+74.39 | 35.08' L | 670.33 |
| C | 126+82.39 | 43.08' L | 670.43 |
| D | 126+82.39 | 35.08' L | 670.30 |
| E | 126+89.37 | 43.08' L | 670.43 |
| F | 126+84.39 | 35.08' L | 670.26 |
| G | 126+91.02 | 43.08' L | 670.44 |
| H | 126+86.60 | 35.08' L | 670.23 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 127+22.25 | 43.08' L | 670.38 |
| 2 | 127+29.23 | 35.08' L | 670.25 |
| 3 | 127+24.12 | 43.08' L | 670.36 |
| 4 | 127+31.89 | 35.08' L | 670.22 |
| 5 | 127+35.76 | 43.08' L | 670.40 |
| 6 | 127+35.76 | 35.08' L | 670.28 |
| 7 | 127+47.76 | 43.08' L | 670.59 |
| 8 | 127+47.76 | 35.08' L | 670.47 |




## 55th STREET




## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

**GRAPHIC SCALE**

5' 0 5' 10' 20'

MODEL: Default
FILE NAME: X:\500 Drawings\3D C&DD Sheets\D182G37-4th-sht15 Calle View A.dgn


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowman.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - KMM | REVISED - | |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT CALLE VIEW DRIVE**

SCALE: 1" = 5' | SHEET 15 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 156 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 130+05.55 | 48.00' LT | 668.21 |
| 2 | 130+11.55 | 48.00' LT | 668.15 |
| 3 | 130+16.55 | 48.00' LT | 668.15 |
| 4 | 130+20.81 | 48.00' LT | 668.10 |
| 5 | 130+31.80 | 48.00' LT | 668.02 |
| 6 | 130+24.19 | 40.00' LT | 668.01 |
| 7 | 130+20.81 | 40.00' LT | 668.04 |
| 8 | 130+16.55 | 40.00' LT | 668.27 |
| 9 | 130+16.55 | 35.28' LT | 667.99 |
| 10 | 130+11.55 | 33.35' LT | 667.97 |
| 11 | 130+11.55 | 35.28' LT | 667.99 |
| 12 | 130+11.55 | 40.00' LT | 668.27 |
| 13 | 130+05.55 | 40.00' LT | 668.33 |
| 14 | 130+17.55 | 32.82' LT | 668.02 |
| 15 | 130+29.15 | 40.96' LT | 668.04 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 130+88.07 | 50.68' LT | 667.85 |
| B | 130+88.00 | 58.84' LT | 668.16 |
| C | 130+87.95 | 63.84' LT | 668.23 |
| D | 130+92.95 | 63.89' LT | 668.27 |
| E | 130+93.00 | 58.89' LT | 668.20 |
| F | 131+00.20 | 48.00' LT | 667.79 |
| G | 131+02.17 | 48.00' LT | 667.56 |
| H | 131+10.17 | 48.00' LT | 667.68 |
| I | 131+10.17 | 40.00' LT | 667.56 |
| J | 131+02.17 | 40.00' LT | 667.44 |
| K | 130+87.54 | 47.98' LT | 667.83 |
| L | 130+95.50 | 38.79' LT | 667.60 |
| M | 131+02.17 | 36.56' LT | 667.39 |
| N | 131+02.15 | 34.12' LT | 667.43 |
| O | 130+88.05 | 52.68' LT | 667.88 |
| P | 130+96.25 | 52.69' LT | 667.88 |

N

BRAINARD AVENUE

55th STREET

EXIST. ROW

EXISTING SIDEWALK (4.9')

MANHOLE TO BE ADJUSTED

PROPOSED SIGNAL POLE (TYP.)

PROP. ROW

WATER VALVE TO BE ADJUSTED, RIM = 668.20

MANHOLE TO BE ADJUSTED

PROPOSED SHARED-USE PATH

EXISTING SIGNAL POLE TO BE REMOVED

## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

GRAPHIC SCALE

5' 0 5' 10' 20'

130+00 130+50

MODEL: Default
FILE NAME: X:\560 Drawings\502 C40D Sheets\62G37-sht-ada16 Brainard N.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanus.com

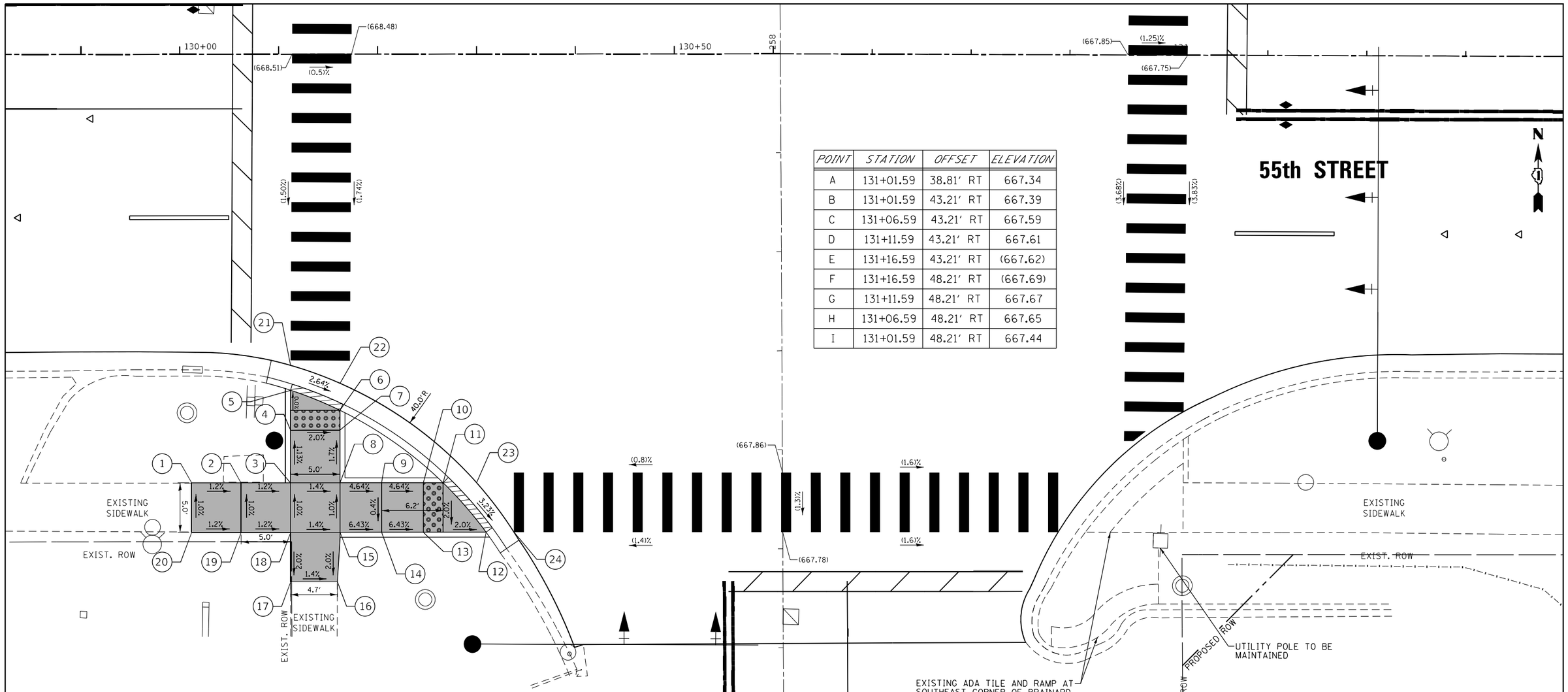
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT BRAINARD AVENUE**

SCALE: 1" = 5' | SHEET 16 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 157 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 131+01.59 | 38.81' RT | 667.34 |
| B | 131+01.59 | 43.21' RT | 667.39 |
| C | 131+06.59 | 43.21' RT | 667.59 |
| D | 131+11.59 | 43.21' RT | 667.61 |
| E | 131+16.59 | 43.21' RT | (667.62) |
| F | 131+16.59 | 48.21' RT | (667.69) |
| G | 131+11.59 | 48.21' RT | 667.67 |
| H | 131+06.59 | 48.21' RT | 667.65 |
| I | 131+01.59 | 48.21' RT | 667.44 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 130+01.17 | 43.29' RT | (668.19) |
| 2 | 130+06.17 | 43.29' RT | 668.13 |
| 3 | 130+11.17 | 43.29' RT | 668.07 |
| 4 | 130+11.17 | 37.97' RT | 668.01 |
| 5 | 130+11.17 | 33.94' RT | 668.01 |
| 6 | 130+16.17 | 35.97' RT | 667.87 |
| 7 | 130+16.17 | 37.97' RT | 667.91 |
| 8 | 130+16.16 | 43.29' RT | 668.00 |
| 9 | 130+20.38 | 43.29' RT | 667.80 |
| 10 | 130+24.59 | 43.29' RT | 667.61 |
| 11 | 130+26.59 | 43.29' RT | 667.57 |
| 12 | 130+30.93 | 48.29' RT | 667.39 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 13 | 130+24.59 | 48.29' RT | 667.51 |
| 14 | 130+20.38 | 48.29' RT | 667.78 |
| 15 | 130+16.17 | 48.29' RT | 668.05 |
| 16 | 130+15.90 | 53.29' RT | (667.95) |
| 17 | 130+11.17 | 53.29' RT | (668.02) |
| 18 | 130+11.17 | 48.29' RT | 668.12 |
| 19 | 130+06.17 | 48.29' RT | 668.18 |
| 20 | 130+01.17 | 48.29' RT | (668.24) |
| 21 | 130+11.19 | 31.40' RT | 668.04 |
| 22 | 130+16.17 | 33.24' RT | 667.90 |
| 23 | 130+29.97 | 43.29' RT | 667.61 |
| 24 | 130+33.75 | 48.30' RT | 667.41 |

## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

**GRAPHIC SCALE**

5' 0 5' 10' 20'


Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-2360
www.bowman.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT BRAINARD AVENUE**

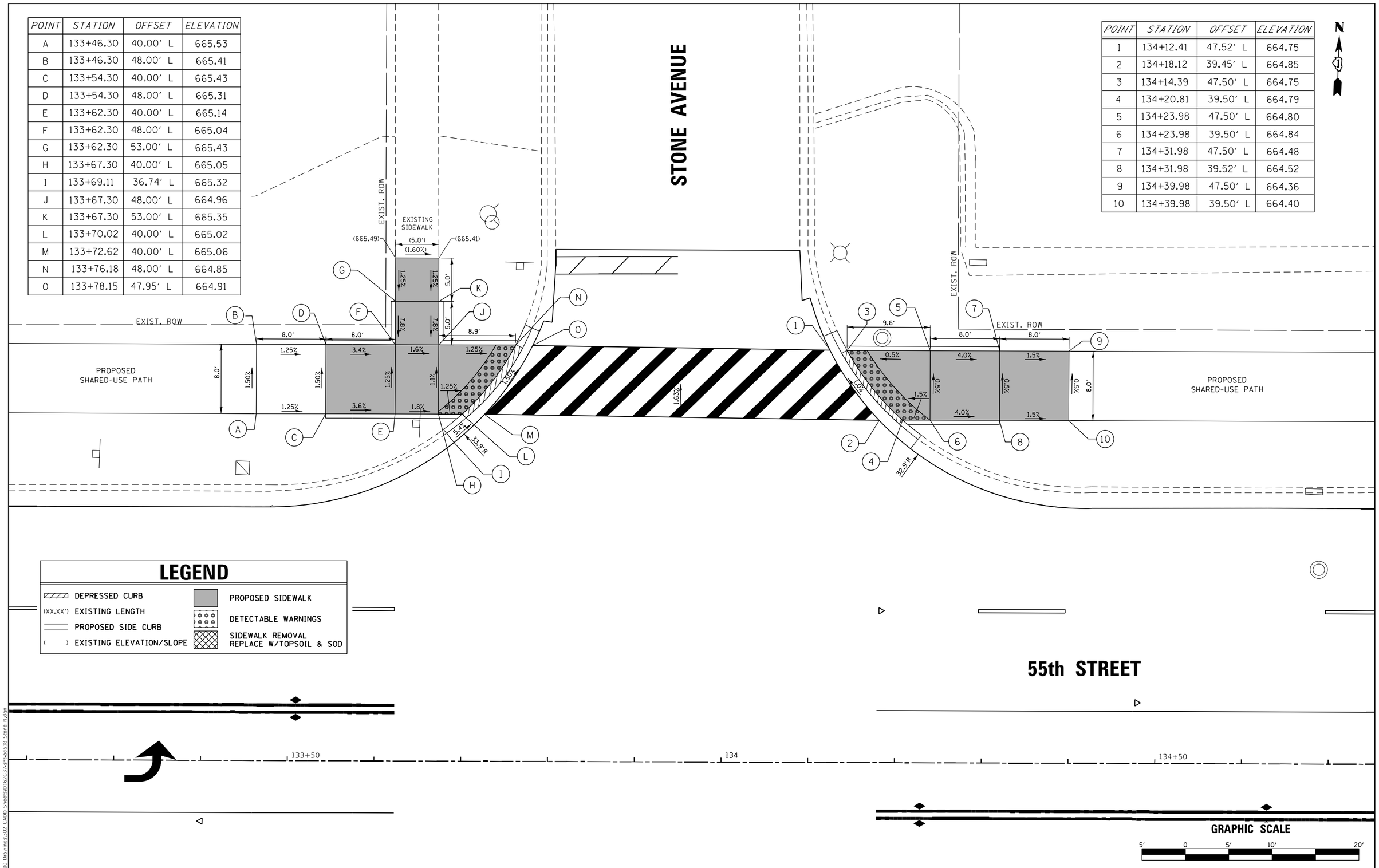
SCALE: 1" = 5' | SHEET 17 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 158 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-dht-ada17 Brainard S.dgn

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 133+46.30 | 40.00′ L | 665.53 |
| B | 133+46.30 | 48.00′ L | 665.41 |
| C | 133+54.30 | 40.00′ L | 665.43 |
| D | 133+54.30 | 48.00′ L | 665.31 |
| E | 133+62.30 | 40.00′ L | 665.14 |
| F | 133+62.30 | 48.00′ L | 665.04 |
| G | 133+62.30 | 53.00′ L | 665.43 |
| H | 133+67.30 | 40.00′ L | 665.05 |
| I | 133+69.11 | 36.74′ L | 665.32 |
| J | 133+67.30 | 48.00′ L | 664.96 |
| K | 133+67.30 | 53.00′ L | 665.35 |
| L | 133+70.02 | 40.00′ L | 665.02 |
| M | 133+72.62 | 40.00′ L | 665.06 |
| N | 133+76.18 | 48.00′ L | 664.85 |
| O | 133+78.15 | 47.95′ L | 664.91 |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 134+12.41 | 47.52′ L | 664.75 |
| 2 | 134+18.12 | 39.45′ L | 664.85 |
| 3 | 134+14.39 | 47.50′ L | 664.75 |
| 4 | 134+20.81 | 39.50′ L | 664.79 |
| 5 | 134+23.98 | 47.50′ L | 664.80 |
| 6 | 134+23.98 | 39.50′ L | 664.84 |
| 7 | 134+31.98 | 47.50′ L | 664.48 |
| 8 | 134+31.98 | 39.52′ L | 664.52 |
| 9 | 134+39.98 | 47.50′ L | 664.36 |
| 10 | 134+39.98 | 39.50′ L | 664.40 |




## LEGEND

- DEPRESSED CURB
- (XX.XX′) EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

GRAPHIC SCALE

5′ 0 5′ 10′ 20′

MODEL: Default
FILE NAME: X:\500 Drawings\302 C43D Sheets\D162G37-sht-ada18 Stone N.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | | REVISED - |
| | DRAWN - KMM | | REVISED - |
| PLOT SCALE = 10.0000 ′ / in. | CHECKED - JDW | | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

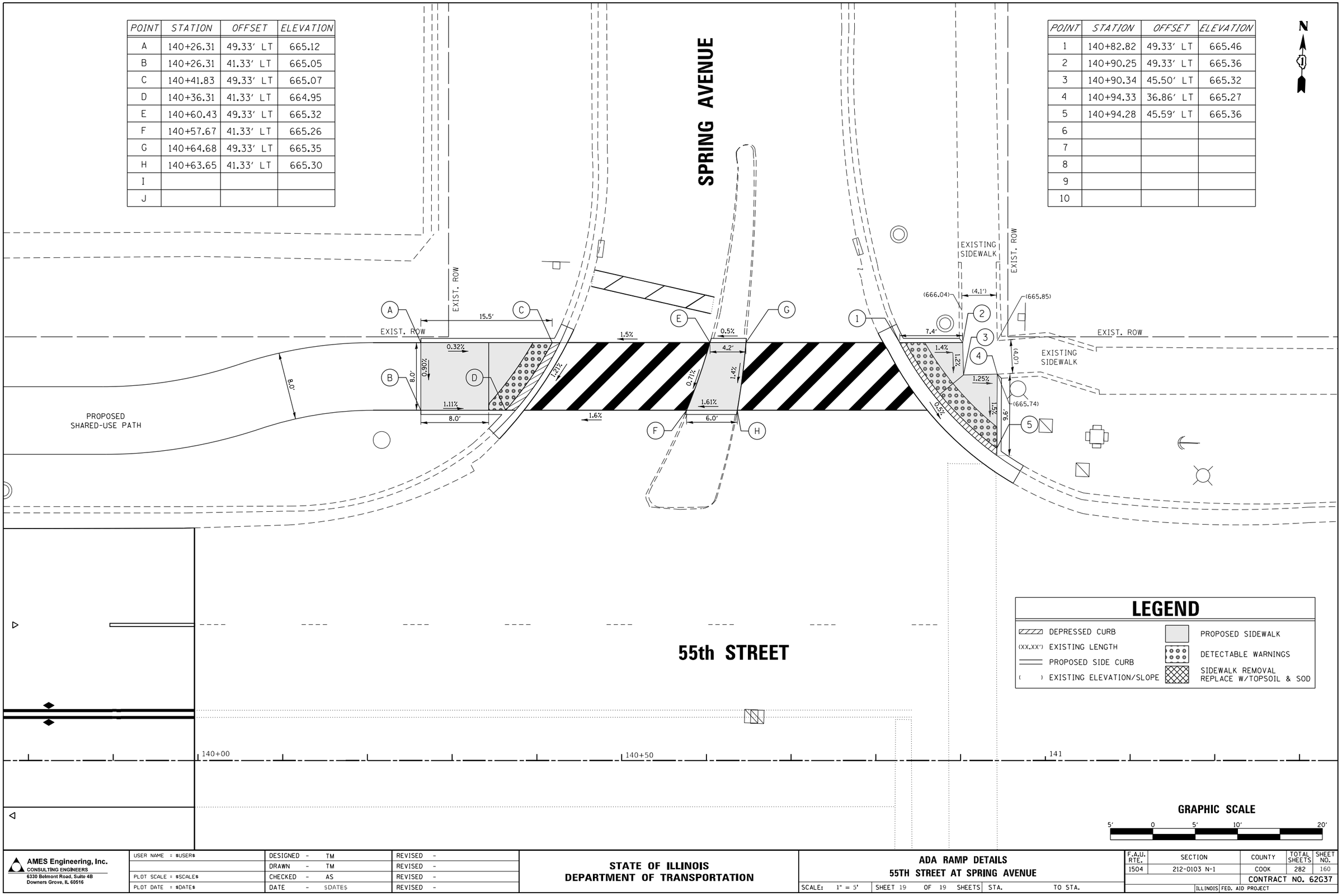
**ADA RAMP DETAILS**
**55TH STREET AT STONE AVENUE**

SCALE: 1" = 5′ | SHEET 18 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 159 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| A | 140+26.31 | 49.33' LT | 665.12 |
| B | 140+26.31 | 41.33' LT | 665.05 |
| C | 140+41.83 | 49.33' LT | 665.07 |
| D | 140+36.31 | 41.33' LT | 664.95 |
| E | 140+60.43 | 49.33' LT | 665.32 |
| F | 140+57.67 | 41.33' LT | 665.26 |
| G | 140+64.68 | 49.33' LT | 665.35 |
| H | 140+63.65 | 41.33' LT | 665.30 |
| I | | | |
| J | | | |

| POINT | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 140+82.82 | 49.33' LT | 665.46 |
| 2 | 140+90.25 | 49.33' LT | 665.36 |
| 3 | 140+90.34 | 45.50' LT | 665.32 |
| 4 | 140+94.33 | 36.86' LT | 665.27 |
| 5 | 140+94.28 | 45.59' LT | 665.36 |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |




## LEGEND

- DEPRESSED CURB
- (XX.XX') EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

**GRAPHIC SCALE**

5' 0 5' 10' 20'


AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

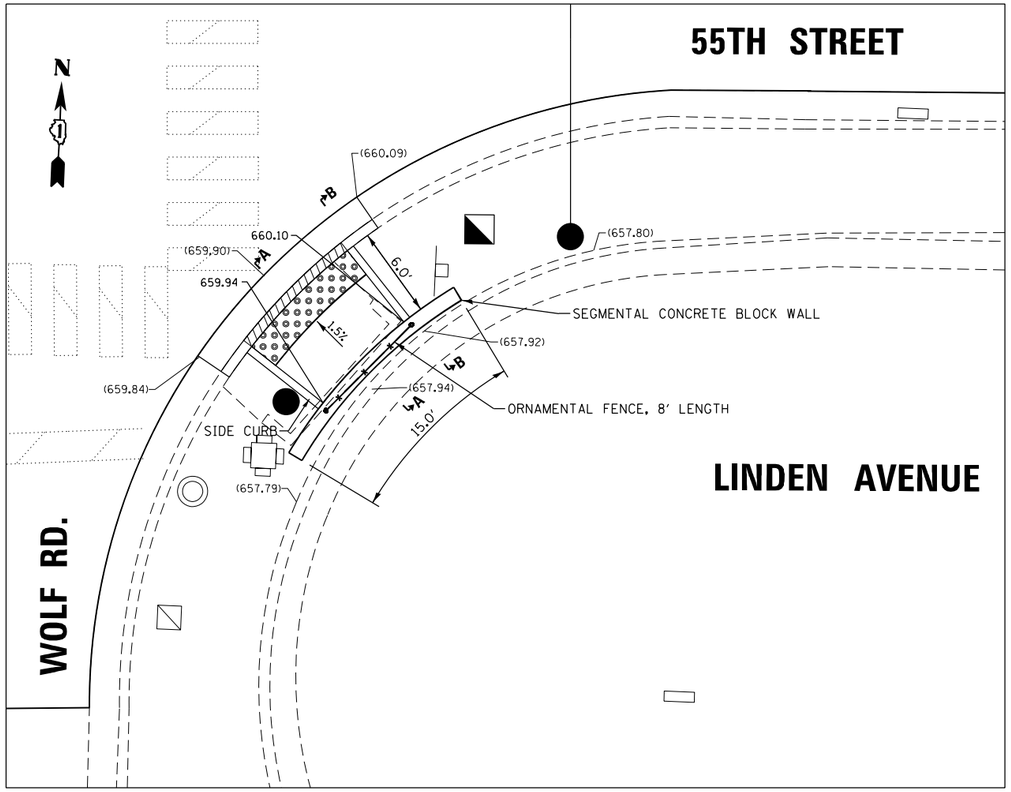

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - $DATE$ | REVISED - |

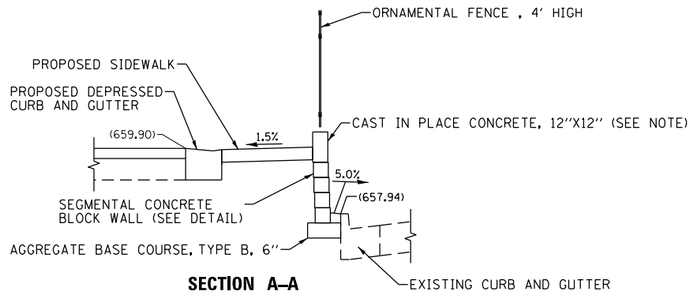
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT SPRING AVENUE**

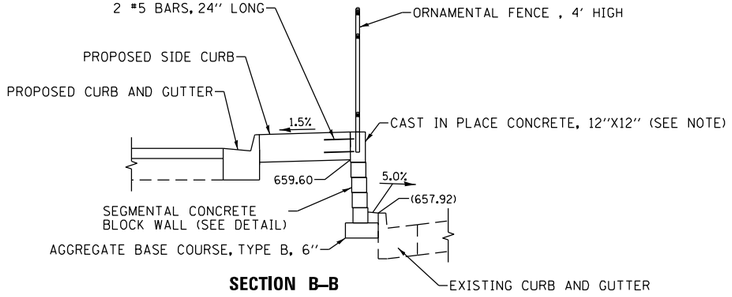
SCALE: 1" = 5' | SHEET 19 OF 19 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 160 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




**SECTION A–A**



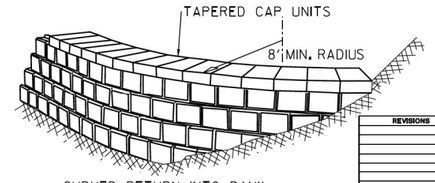

**SECTION B–B**

ALL COSTS ASSOCIATED WITH PROVIDING CAST IN PLACE CONCRETE AS CAP UNITS SHALL BE CONSIDERED INCLUDED WITH THE SQUARE FOOT PRICE FOR SEGMENTAL CONCRETE BLOCK WALL

1. BLOCK FACING IS SPLIT FACE
2. CAP UNITS TO BE APPLIED WITH ADHESIVE. APPLICATION RATE IS ONE 10.5 OZ TUBE PER 18 FEET OF CAP LENGTH.
3. PLACEMENT METHOD IS BY HAND
4. STACKING ALIGNMENT MAY BE EITHER BATTERED OR VERTICAL
5. MINIMUM FACE RADIUS IN CURVE = 8'
6. DESIGN NOTE: MAX HEIGHT GRAVITY ONLY = 3 FEET
7. RETAINING WALL BLOCKS MUST BE CERTIFIED BY IDOT'S QUALITY ASSURANCE/QUALITY CONTROL PROGRAM

SEGMENTAL CONCRETE BLOCK DETAILS

| | FACE WIDTH | BACK WIDTH | HEIGHT | DEPTH | WEIGHT |
|---|---|---|---|---|---|
| STANDARD UNIT | 8" | 8" | 6" | 12" | 45 LBS |
| TAPERED UNIT | 8" | 6 7/8" | 6" | 12" | 43 LBS |
| TAPERED CAP | 8" | 7" | 3" | 14" | 22 LBS |
| RECTANGULAR CAP | 24" | 24" | 3" | 12" | 68 LBS |



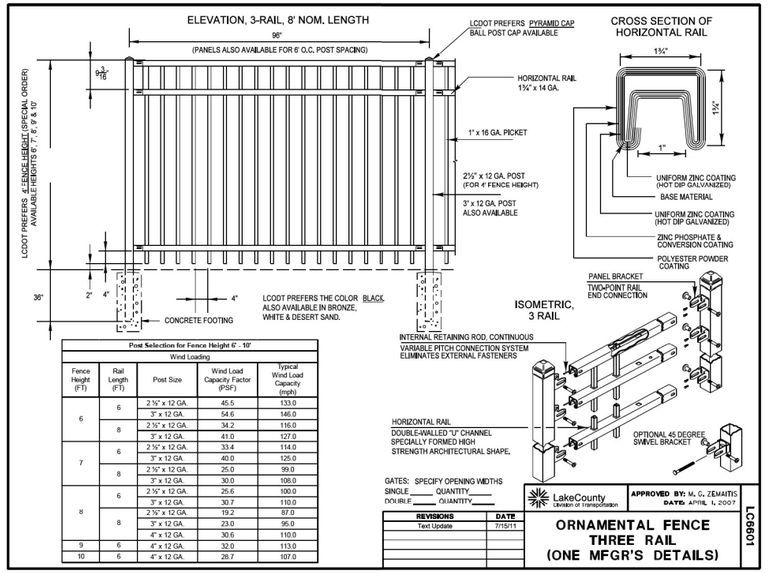

| REVISIONS | DATE |
|---|---|
| | |

LakeCounty Division of Transportation

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2007

**SEGMENTAL CONCRETE BLOCK WALL**

LC2101




**Post Selection for Fence Height 6' - 10'**
Wind Loading

| Fence Height (FT) | Rail Length (FT) | Post Size | Wind Load Capacity Factor (PSF) | Typical Wind Load Capacity (mph) |
|---|---|---|---|---|
| 6 | 6 | 2½" x 12 GA. | 45.5 | 133.0 |
| | | 3" x 12 GA. | 54.6 | 146.0 |
| | 8 | 2½" x 12 GA. | 34.2 | 116.0 |
| | | 3" x 12 GA. | 41.0 | 127.0 |
| 7 | 6 | 2½" x 12 GA. | 33.4 | 114.0 |
| | | 3" x 12 GA. | 40.0 | 125.0 |
| | 8 | 2½" x 12 GA. | 25.0 | 99.0 |
| | | 3" x 12 GA. | 30.0 | 108.0 |
| 8 | 6 | 2½" x 12 GA. | 25.6 | 100.0 |
| | | 3" x 12 GA. | 30.7 | 110.0 |
| | 8 | 2½" x 12 GA. | 19.2 | 87.0 |
| | | 3" x 12 GA. | 23.0 | 95.0 |
| | | 4" x 12 GA. | 30.6 | 110.0 |
| 9 | 6 | 4" x 12 GA. | 32.0 | 113.0 |
| 10 | 6 | 4" x 12 GA. | 28.7 | 107.0 |

LakeCounty Division of Transportation

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2007

| REVISIONS | DATE |
|---|---|
| Text Update | 7/15/11 |

**ORNAMENTAL FENCE THREE RAIL (ONE MFGR'S DETAILS)**

LC6901

MODEL: Default
FILE NAME: X:\500 Drawings\502 C&D\0 Sheets\D162G37-ada-detail wall-fence01.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | | REVISED - |
| | DRAWN - KDB | | REVISED - |
| PLOT SCALE = 10.0000 ' / in. | CHECKED - JDW | | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS**
**55TH STREET AT WOLF ROAD**

SCALE: 1" = 5' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 161 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## DRIVEWAY/PARKING LOT RESTORATION SCHEDULE

| NO. | STATION | OFFSET | TYPE | EXISTING PAVEMENT TYPE | DIMENSIONS | | | | AGGREGATE BASE CSE. TYPE B, 8" | PCC DRIVEWAY | | REM & REIN | PCC DRIVEWAY | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | W1 | L1 | W2 | L2 | | PVMT,6" | PVMT,8" | BRICK PAVER | PVMT,6" | PVMT,8" |
| | | | | | FT | FT | FT | FT | SQ YD | SQ YD | | SQ FT | SQ YD | |
| 1 | 79+82.26 | 48.00' LT | PE | BIT. | 22.0 | 5.0 | 12.0 | 12.0 | - | - | - | - | 26 | - |
| 2 | 91+86.69 | 48.00' LT | PE | BIT. | 41.3 | 12.4 | 16.5 | 5.5 | - | - | - | - | 50 | - |
| 3 | 91+89.01 | 49.00' RT | PE | BIT. | 38.5 | 12.4 | 13.7 | 6.5 | - | - | - | - | 46 | - |
| 4 | 92+83.91 | 49.00' LT | PE | BIT. | 45.3 | - | 25.4 | - | - | - | - | - | 67 | - |
| 5 | 92+91.30 | 48.00' RT | PE | CONC. | 43.7 | 12.4 | 28.1 | 5.5 | - | 67 | - | - | - | - |
| 6 | 93+37.01 | 49.00' RT | PE | BIT. | 36.8 | 12.4 | 12.0 | 6.5 | - | - | - | - | 43 | - |
| 7 | 93+87.47 | 48.00' LT | PE | BIT. | 34.4 | 12.4 | 12.0 | 5.5 | - | - | - | - | 40 | - |
| 8 | 94+66.76 | 48.00' LT | PE | CONC. | 44.6 | 12.4 | 19.8 | 5.5 | - | 57 | - | - | - | - |
| 9 | 94+89.83 | 48.00' RT | PE | BIT. | 43.1 | 12.4 | 24.0 | 5.5 | - | - | - | - | 61 | - |
| 10 | 97+66.43 | 47.00' RT | PE | BIT/BRICK | 41.3 | 12.4 | 16.5 | 2.5 | - | - | - | 79 | 45 | - |
| 11 | 99+11.94 | 48.00' LT | PE | BIT. | 39.5 | 12.4 | 14.7 | 5.5 | - | - | - | - | 47 | - |
| 12 | 99+15.90 | 46.00' RT | PE | BIT/BRICK | 35.6 | 12.4 | 18.7 | 2.5 | - | - | - | 19 | 43 | - |
| 13 | 100+28.21 | 48.00' LT | PE | BIT. | 40.8 | 12.4 | 16.4 | 5.5 | - | - | - | - | 50 | - |
| 14 | NOT USED | | | | | | | | | | | | | |
| 15 | NOT USED | | | | | | | | | | | | | |
| 16 | 101+68.41 | 48.00' LT | CE | BIT. | 37.4 | 10.0 | 30.0 | 8.0 | - | - | - | - | - | 65 |
| 17 | 102+06.12 | 49.00' RT | CE | BIT. | 31.4 | 7.0 | 26.0 | 11.9 | - | - | - | - | - | 57 |
| 18 | 102+47.26 | 48.00' LT | CE | BIT. | 37.4 | 10.0 | 29.0 | 7.9 | - | - | - | - | - | 63 |
| 19 | 102+62.93 | 49.00' RT | CE | BIT. | 19.4 | 7.0 | 14.5 | 11.9 | - | - | - | - | - | 33 |
| 20 | 103+02.15 | 46.00' RT | CE | BIT. | 42.0 | 7.0 | 34.6 | 8.9 | - | - | - | - | - | 65 |
| 21 | 103+16.99 | 48.50' LT | CE | BIT. | 39.4 | 10.0 | 32.0 | 8.4 | - | - | - | - | - | 70 |
| 22 | 105+11.32 | 46.00' RT | CE | BIT. | 35.4 | 7.0 | 28.0 | 8.9 | - | - | - | - | - | 53 |
| 23 | 105+41.00 | 59.00' LT | CE | BIT. | 37.4 | 10.0 | 30.0 | 18.9 | - | - | - | - | - | 101 |
| 24 | 105+94.09 | 74.00' LT | CE | BIT. | 37.4 | 10.0 | 42.9 | 33.9 | - | - | - | - | - | 207 |
| 25 | 106+42.86 | 46.00' RT | CE | BIT. | 35.4 | 7.0 | 28.7 | 8.9 | - | - | - | - | - | 54 |
| 26 | NOT USED | | | | | | | | | | | | | |
| 27 | NOT USED | | | | | | | | | | | | | |
| 28 | NOT USED | | | | | | | | | | | | | |
| 29 | 108+73.79 | 57.00' LT | CE | BIT. | 34.1 | 26.9 | 17.0 | 0.0 | - | - | - | - | - | 62 |
| 30 | 109+60.34 | 62.00' RT | PE | BIT/GRAV | 39.4 | 12.4 | 14.6 | 3.9 | 29 | - | - | - | 44 | - |
| 31 | 109+82.71 | 48.00' LT | PE | BIT. | 37.7 | 12.4 | 12.9 | 5.5 | - | - | - | - | 43 | - |
| 32 | 110+58.58 | 57.00' RT | PE | BIT. | 43.8 | 12.4 | 19.3 | 14.5 | - | - | - | - | 75 | - |
| 33 | 111+27.31 | 48.00' LT | PE | BIT. | 39.5 | 12.4 | 14.7 | 5.5 | - | - | - | - | 47 | - |
| 34 | 111+61.73 | 48.00' RT | PE | BIT. | 42.3 | 12.4 | 20.8 | 5.5 | - | - | - | - | 57 | - |
| 35 | 112+27.45 | 48.00' LT | PE | BIT. | 43.8 | 12.4 | 18.9 | 5.5 | - | - | - | - | 55 | - |
| 36 | 112+32.44 | 57.00' RT | PE | BIT. | 45.1 | 12.4 | - | - | - | - | - | - | 90 | - |
| 37 | 115+28.92 | 48.00' RT | PE | CONC. | 36.8 | 12.4 | 18.6 | 5.5 | - | 50 | - | - | - | - |
| 38 | 118+87.52 | 65.00' RT | CE | BIT. | 60.3 | 34.9 | - | - | - | - | - | - | - | 174 |
| 39 | 120+32.52 | 65.00' RT | CE | BIT. | 56.7 | 34.9 | - | - | - | - | - | - | - | 160 |
| 40 | 121+99.77 | 47.81' RT | CE | BIT. | 36.7 | 11.4 | 25.1 | 6.3 | - | - | - | - | - | 55 |
| 41 | 123+65.25 | 65.00' RT | CE | BIT. | 41.6 | 34.9 | - | - | - | - | - | - | - | 151 |
| 42 | 124+26.50 | 48.48' RT | CE | BIT. | 29.5 | 18.4 | - | - | - | - | - | - | - | 49 |
| 43 | 124+59.96 | 48.41' RT | CE | BIT. | 27.5 | 18.3 | - | - | - | - | - | - | - | 50 |
| 44 | 125+14.93 | 41.00' RT | CE | BIT. | 36.0 | 7.0 | 30.0 | 3.9 | - | - | - | - | - | 39 |
| 45 | 127+96.23 | 41.50' RT | CE | BIT. | 41.0 | 7.0 | 35.0 | 3.4 | - | - | - | - | - | 81 |
| 46 | 128+73.21 | 49.00' RT | CE | CONC. | 46.8 | 16.4 | 33.2 | - | - | - | 67.0 | - | - | - |
| 47 | 239+57.64 | 44.65' LT | CE | BIT | 44.7 | 12.1 | - | - | - | - | - | - | - | 51 |
| 48 | NOT USED | | | | | | | | | | | | | |
| 49 | 240+43.00 | 54.60' LT | PE | BIT | NA | NA | NA | NA | - | - | - | - | 40 | - |
| 50 | 241+23.78 | 49.33' LT | PE | BIT | 25.5 | 34.8 | - | - | - | - | - | - | 54 | - |
| | | | | | | | | TOTALS = | 29 | 174 | 67 | 98 | 1023 | 1640 |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D16\2G37-sht-detail drv01.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

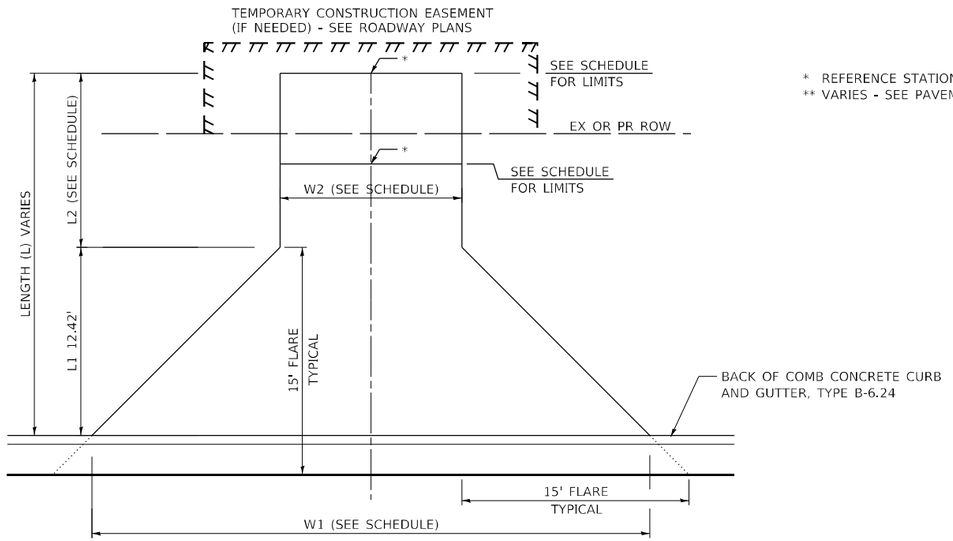
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS – SCHEDULE**
**55TH STREET**

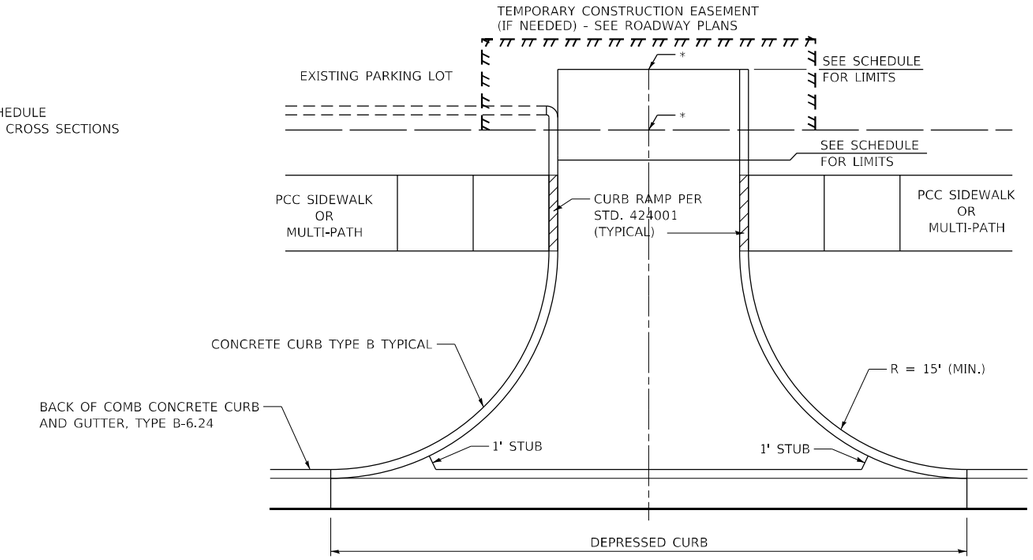
SCALE: 1" = 50' | SHEET 1 OF 2 SHEETS | STA. $ | TO STA. $

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 162 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




* REFERENCE STATION-OFFSSET SEE SCHEDULE
** VARIES - SEE PAVEMENT DETAILS AND CROSS SECTIONS

## DRIVEWAY DETAIL ADJACENT TO CURB AND GUTTER




## DRIVEWAY DETAIL WITH CONCRETE CURB, TYPE B

| EXISTING DRIVEWAY | PROPOSED DRIVEWAY | |
|---|---|---|
| | WITHIN ROW | OUTSIDE ROW (IF NEEDED) |
| HMA | HMA | HMA |
| CONCRETE | CONCRETE | CONCRETE |
| BRICK PAVERS | BRICK PAVERS | BRICK PAVERS |
| GRAVEL | BITUMINOUS | GRAVEL |

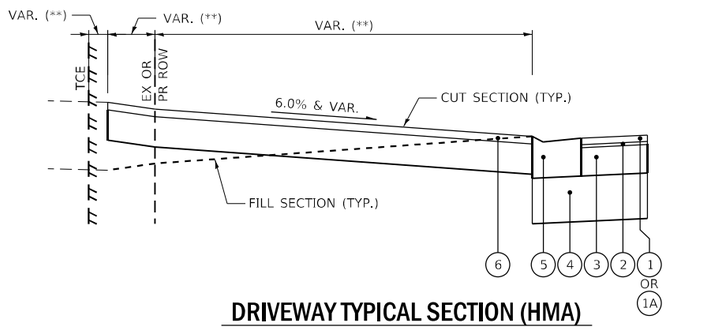
## PROPOSED ROADWAY LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
1A. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2" (WILLOW SPRING RD & LINE
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
3. HMA BASE COURSE - SEE NOTE 1
4. AGGREGATE SUBGRADE IMPROVEMENT (12")
5. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 - DEPRESSED CURB
6. HOT-MIX ASPHALT DRIVEWAY, 8" - PRIVATE ENTRANCE
   HOT-MIX ASPHALT DRIVEWAY, 10" - COMMERCIAL ENTRANCE
7. PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH - PRIVATE ENTRANCE
   PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH - COMMERCIAL ENTRANCE

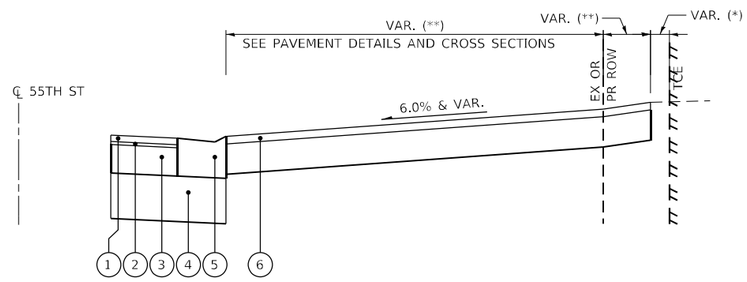
TCE = TEMPORARY CONSTRUCTION EASEMENT

NOTE 1:
55TH STREET HMA BASE COURSE:
-FOR WIDENING 6 FEET OR LESS, HMA BASE COURSE WIDENING, 8"
-FOR WIDENING GREATER THAN 6 FEET, HMA BASE COURSE, 8"

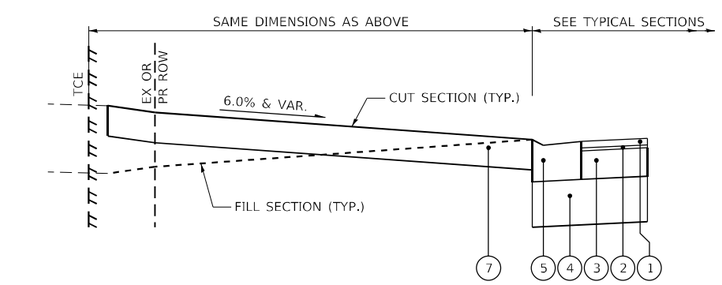
NOTE 2:
SEE TYPICAL SECTION SHEETS FOR WILLOW SPRINGS RD PAVEMENT DESIGN



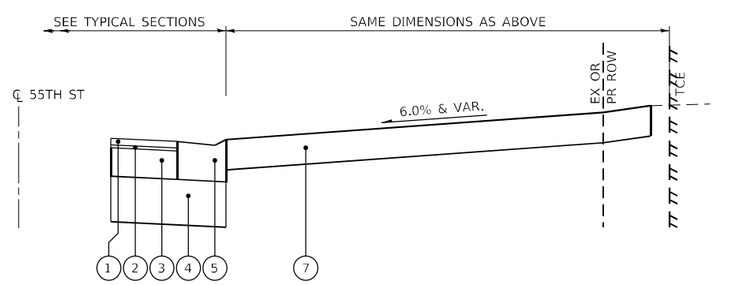

## DRIVEWAY TYPICAL SECTION (HMA)




## DRIVEWAY TYPICAL SECTION (HMA)




## DRIVEWAY TYPICAL SECTION (PCC)

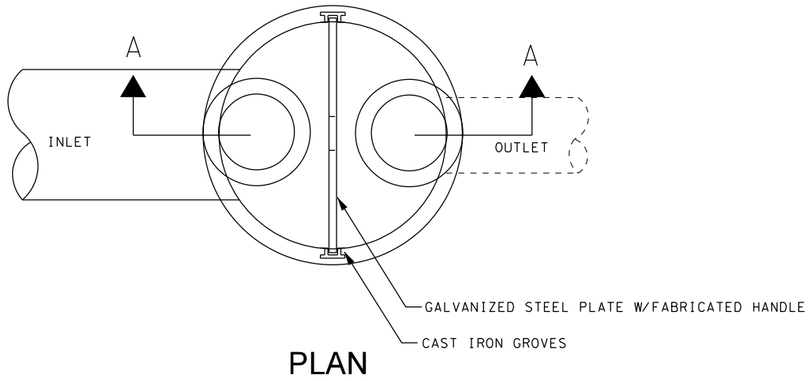



## DRIVEWAY TYPICAL SECTION (PCC)

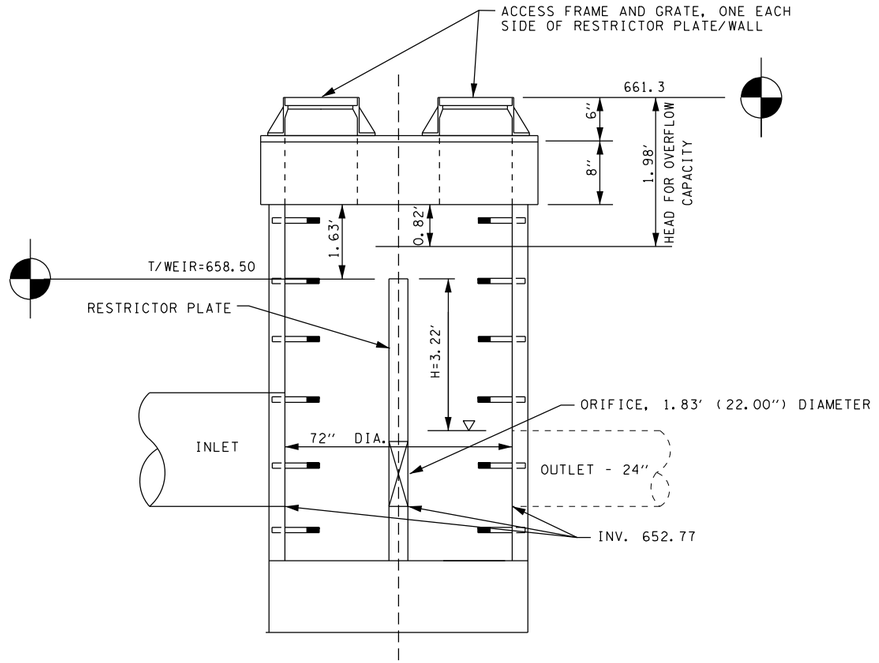
MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-detail drv02.dgn

| | | | | | |
|---|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0360 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRIVEWAY DETAILS 55TH STREET |
| | | DRAWN - JTF | REVISED - | | |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | | SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. $ TO STA. $ |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 163 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

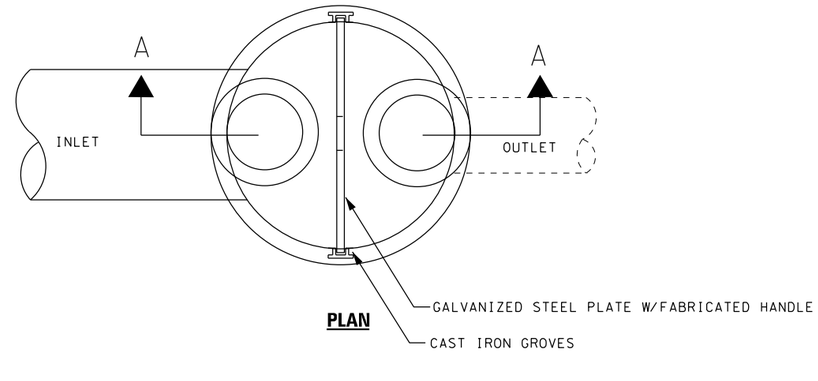



PLAN

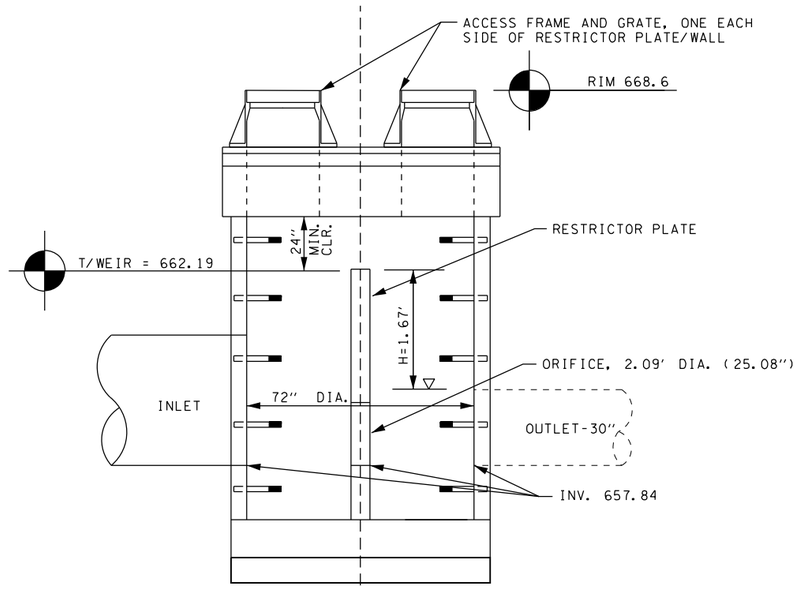



SECTION A-A

## STR #153 - OUTLET CONTROL STRUCTURE DETAIL




**PLAN**



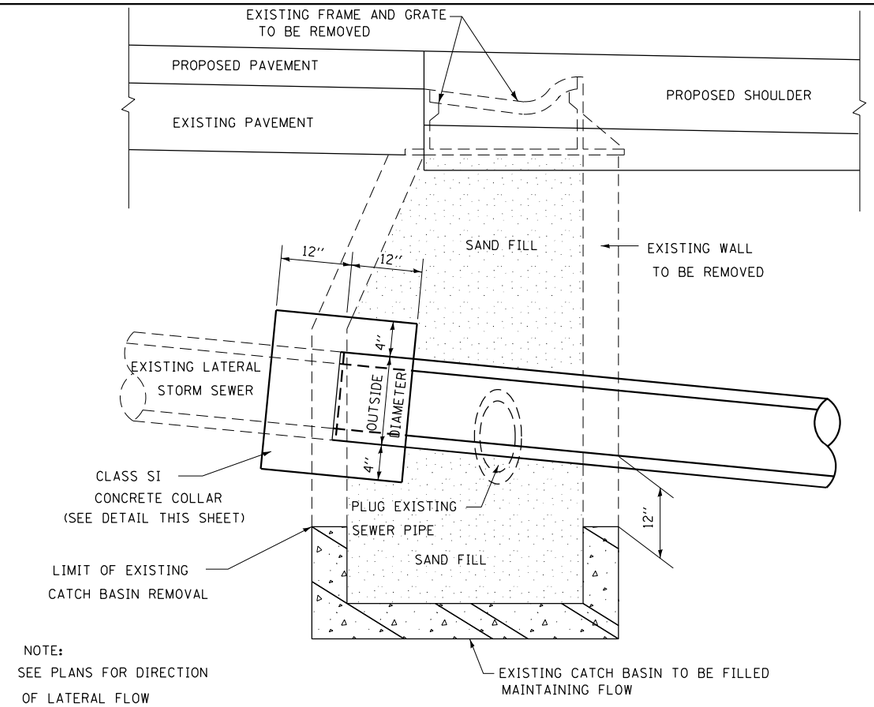

**SECTION A–A**

## STR #738 - OUTLET CONTROL STRUCTURE DETAIL

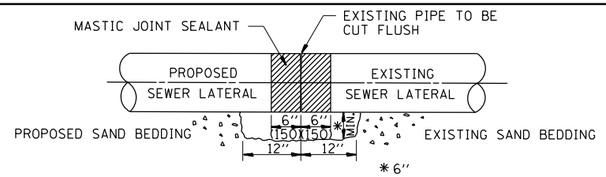
MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-str-draindetail01.dgn

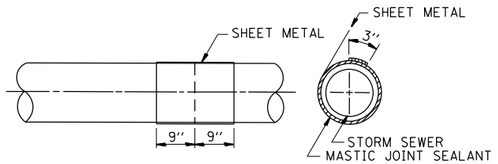
| | | | | | |
|---|---|---|---|---|---|
| Bowman 311 S. Wacker Drive, Suite 1950 Chicago, Illinois 60606 312-454-0260 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE DETAILS OUTLET CONTROL STRUCTURES |
| | | DRAWN - JTF | REVISED - | | |
| | PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | | SCALE: NTS \| SHEET 1 OF 2 SHEETS \| STA. \| TO STA. |
| | PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | | |

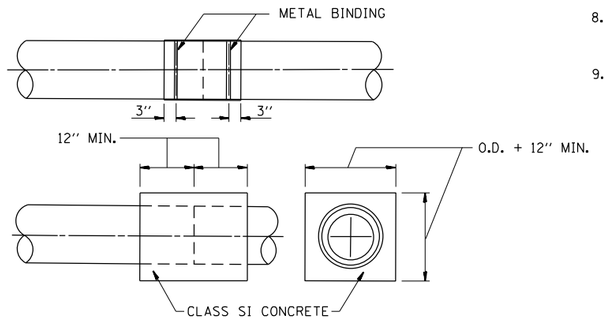
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 164 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




# CATCH BASIN TO BE FILLED (MAINTAIN FLOW)



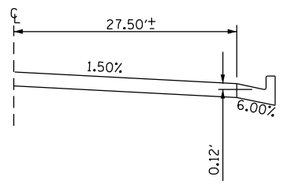



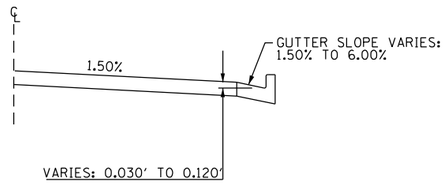

# CLASS SI CONCRETE COLLAR

## CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT SEEPS OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.




TYPICAL ROADWAY CROSS SECTION




SPECIAL GUTTER CROSS SECTION

| STATION | LT AND RT GUTTER EL. | NOTE |
|---|---|---|
| 101+28 | 683.74 | BEGIN |
| 102+00 | 683.97 | HIGH POINT |
| 102+25 | 683.89 | LOW POINT |
| 102+50 | 683.98 | HIGH POINT |
| 103+25 | 683.74 | END |

| STATION | LT AND RT GUTTER EL. | NOTE |
|---|---|---|
| 104+92 | 683.74 | BEGIN/HIGH PT |
| 105+14 | 683.81 | CATCH BASIN |
| 105+57 | 683.68 | LOW POINT |
| 105+79 | 683.75 | HIGH POINT |
| 106+22 | 683.62 | LOW POINT |
| 106+44 | 683.69 | HIGH POINT |
| 106+87 | 683.56 | LOW POINT |
| 107+30 | 683.48 | END |

| STATION | LT AND RT GUTTER EL. | NOTE |
|---|---|---|
| 114+74 | 675.38 | BEGIN/LOW POINT |
| 114+97 | 675.45 | HIGH POINT |
| 115+35 | 675.34 | LOW POINT |
| 115+59 | 675.41 | HIGH POINT |
| 115+97 | 675.29 | LOW POINT |
| 116+21 | 675.37 | HIGH POINT |
| 117+21 | 675.21 | LOW POINT |
| 117+45 | 675.29 | HIGH POINT |
| 117+83 | 675.17 | LOW POINT |
| 118+02 | 675.22 | HIGH POINT |
| 119+51 | 674.78 | END |

# SPECIAL GUTTER DETAIL

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0400
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 08/30/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS – CLASS SI CONCRETE COLLAR, SPECIAL GUTTER DETAIL, &CATCH BASIN TO BE FILLED (MAINTAIN FLOW)**

SCALE: NONE | SHEET 2 OF 2 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 165 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-draindetail02.dgn

PAVEMENT MARKING LEGEND:

1. LINE 4" (WHITE) SOLID
2. LINE 4" (WHITE) SKIP DASH - 10' DASH, 30' SKIP
3. LINE 4" (YELLOW) SOLID
4. LINE 4" (YELLOW) SKIP DASH - 10' DASH, 30' SKIP
5. LINE 4" (DOUBLE YELLOW) SOLID @ 11" C-C
6. LINE 6" (WHITE) SOLID
7. LINE 6" (WHITE) SKIP DASH - 2' DASH, 6' SKIP
8. LINE 12" (WHITE) SOLID @ 3' C-C
9. LINE 12" (YELLOW) SOLID DIAGONALS
10. LINE 24" (WHITE) SOLID STOP BAR
11. LETTERS AND SYMBOLS

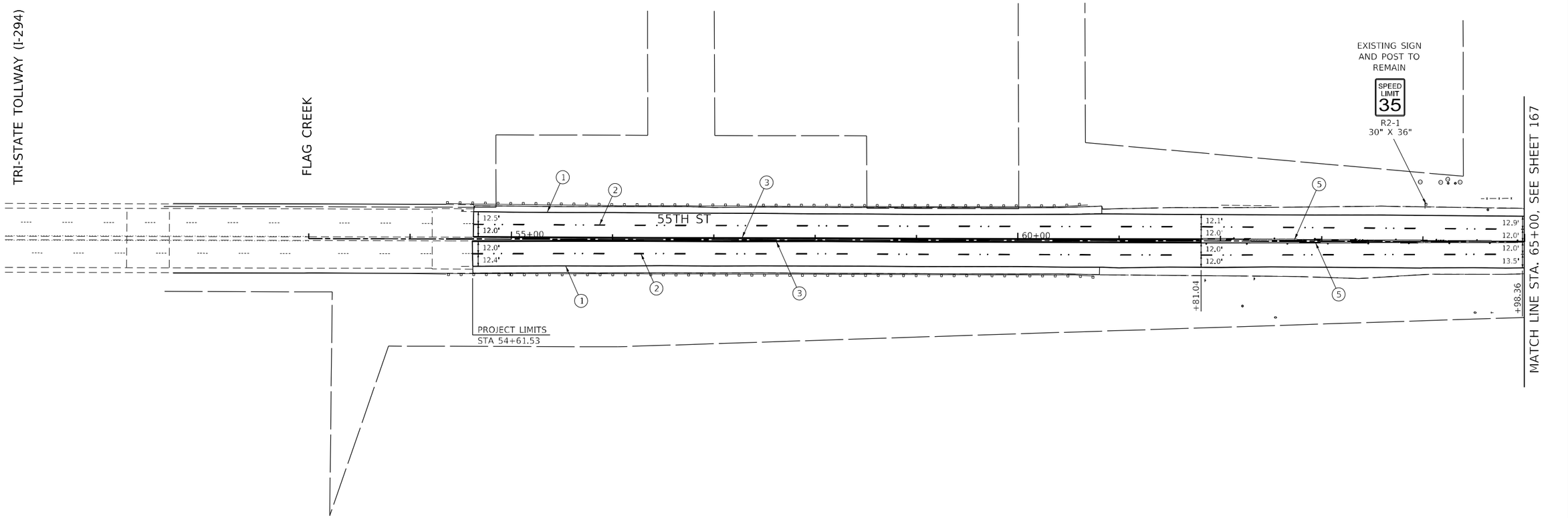
PAVEMENT MARKING NOTES:

1. FOR HOT-MIX ASPHALT PAVEMENT: THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR THE FINAL PAVEMENT MARKINGS, OF THE SIZE AND COLOR SPECIFIED.
2. FOR RAISED REFLECTIVE PAVEMENT MARKERS PLACEMENT, SPACING AND COLOR SEE DISTRICT 1 STANDARD TC-11.
3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 DETAIL TC-13, DISTRICT ONE TYPICAL PAVEMENT MARKINGS.

N

0 50 100 150

SCALE IN FEET




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\62G37-sht-pmk01.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-476-2500
www.bowmanse.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 1 OF 7 SHEETS | STA. 53+00 TO STA. 65+00

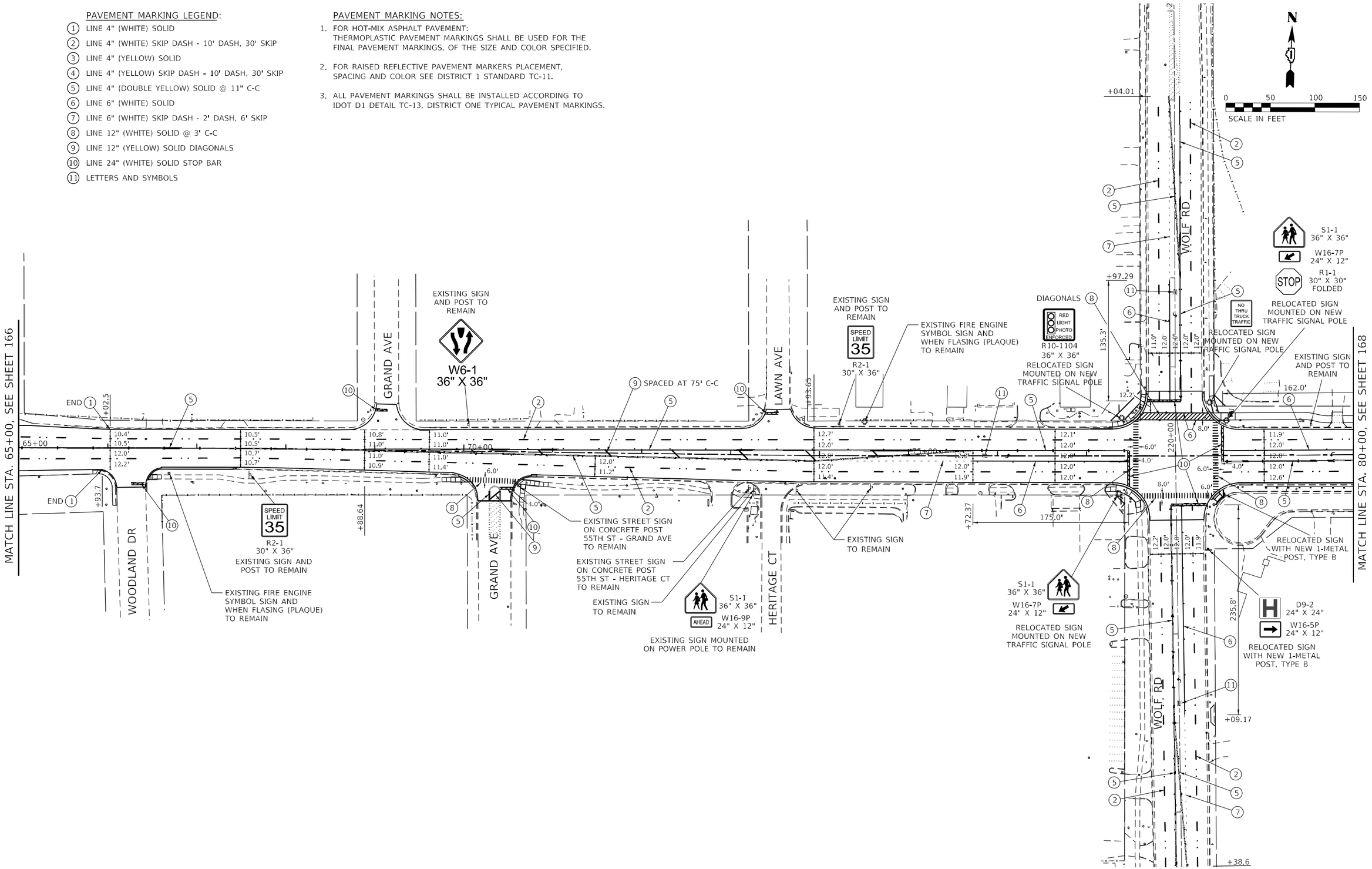
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 166 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

PAVEMENT MARKING LEGEND:

1. LINE 4" (WHITE) SOLID
2. LINE 4" (WHITE) SKIP DASH - 10' DASH, 30' SKIP
3. LINE 4" (YELLOW) SOLID
4. LINE 4" (YELLOW) SKIP DASH - 10' DASH, 30' SKIP
5. LINE 4" (DOUBLE YELLOW) SOLID @ 11" C-C
6. LINE 6" (WHITE) SOLID
7. LINE 6" (WHITE) SKIP DASH - 2' DASH, 6' SKIP
8. LINE 12" (WHITE) SOLID @ 3' C-C
9. LINE 12" (YELLOW) SOLID DIAGONALS
10. LINE 24" (WHITE) SOLID STOP BAR
11. LETTERS AND SYMBOLS

PAVEMENT MARKING NOTES:

1. FOR HOT-MIX ASPHALT PAVEMENT: THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR THE FINAL PAVEMENT MARKINGS, OF THE SIZE AND COLOR SPECIFIED.
2. FOR RAISED REFLECTIVE PAVEMENT MARKERS PLACEMENT, SPACING AND COLOR SEE DISTRICT 1 STANDARD TC-11.
3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 DETAIL TC-13, DISTRICT ONE TYPICAL PAVEMENT MARKINGS.




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-pmk02.dgn

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 2 OF 7 SHEETS | STA. 65+00 TO STA. 80+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 167 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

PAVEMENT MARKING LEGEND:

1. LINE 4" (WHITE) SOLID
2. LINE 4" (WHITE) SKIP DASH - 10' DASH, 30' SKIP
3. LINE 4" (YELLOW) SOLID
4. LINE 4" (YELLOW) SKIP DASH - 10' DASH, 30' SKIP
5. LINE 4" (DOUBLE YELLOW) SOLID @ 11" C-C
6. LINE 6" (WHITE) SOLID
7. LINE 6" (WHITE) SKIP DASH - 2' DASH, 6' SKIP
8. LINE 12" (WHITE) SOLID @ 3' C-C
9. LINE 12" (YELLOW) SOLID DIAGONALS
10. LINE 24" (WHITE) SOLID STOP BAR
11. LETTERS AND SYMBOLS

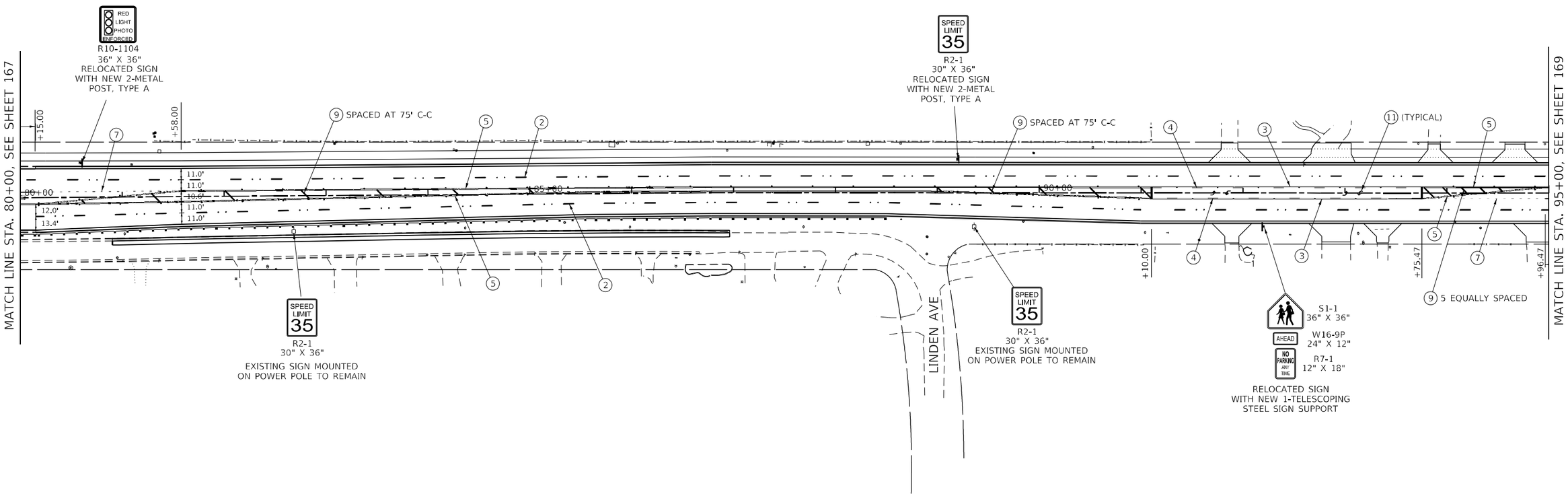
PAVEMENT MARKING NOTES:

1. FOR HOT-MIX ASPHALT PAVEMENT: THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR THE FINAL PAVEMENT MARKINGS, OF THE SIZE AND COLOR SPECIFIED.
2. FOR RAISED REFLECTIVE PAVEMENT MARKERS PLACEMENT, SPACING AND COLOR SEE DISTRICT 1 STANDARD TC-11.
3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 DETAIL TC-13, DISTRICT ONE TYPICAL PAVEMENT MARKINGS.

N

0 50 100 150

SCALE IN FEET




MODEL: Default
FILE NAME: X:\500 Drawings\302 C400 Sheets\D162G37-sht-pmk03.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 3 OF 7 SHEETS | STA. 80+00 TO STA. 95+00

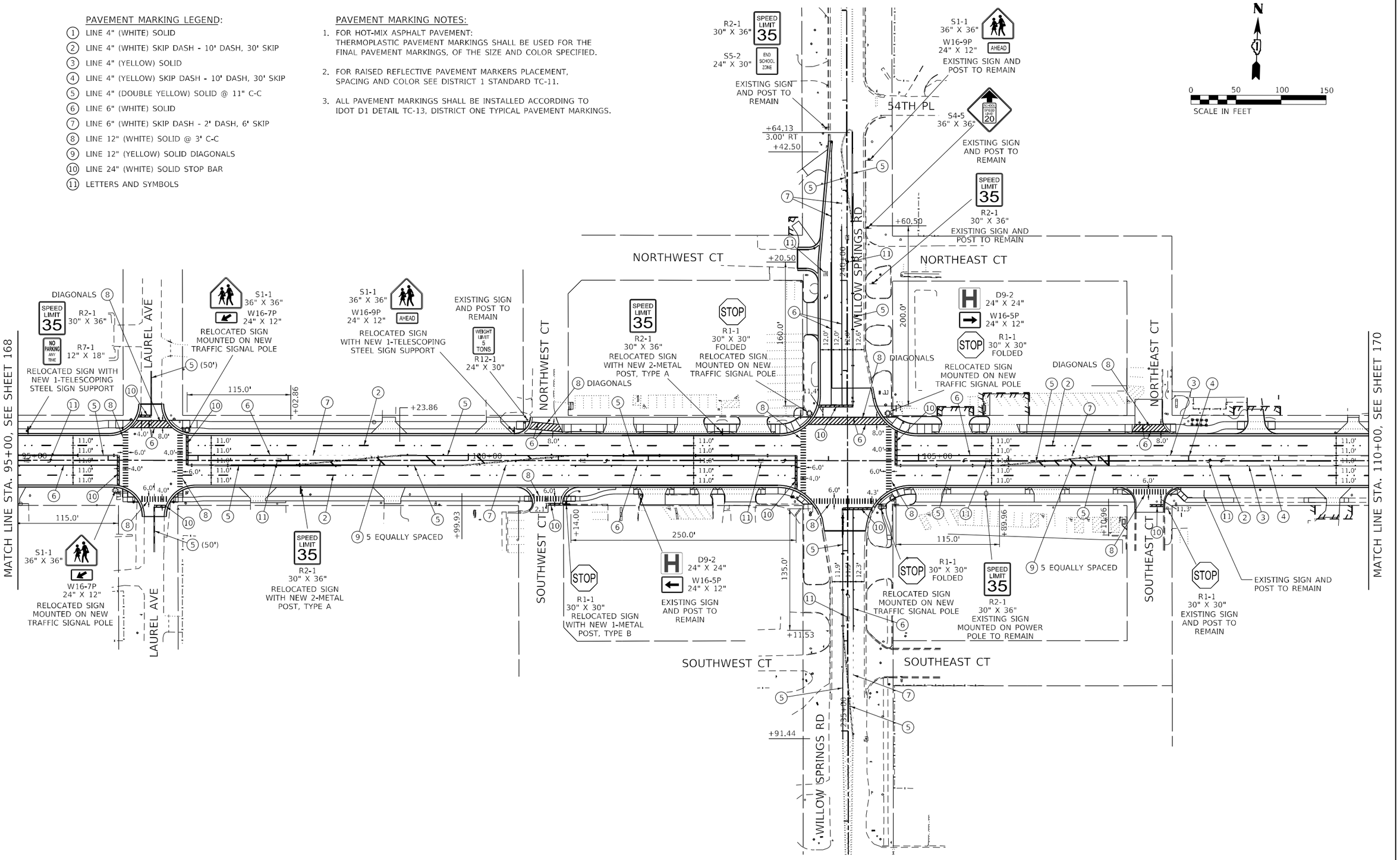
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 168 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

PAVEMENT MARKING LEGEND:

1. LINE 4" (WHITE) SOLID
2. LINE 4" (WHITE) SKIP DASH - 10' DASH, 30' SKIP
3. LINE 4" (YELLOW) SOLID
4. LINE 4" (YELLOW) SKIP DASH - 10' DASH, 30' SKIP
5. LINE 4" (DOUBLE YELLOW) SOLID @ 11" C-C
6. LINE 6" (WHITE) SOLID
7. LINE 6" (WHITE) SKIP DASH - 2' DASH, 6' SKIP
8. LINE 12" (WHITE) SOLID @ 3' C-C
9. LINE 12" (YELLOW) SOLID DIAGONALS
10. LINE 24" (WHITE) SOLID STOP BAR
11. LETTERS AND SYMBOLS

PAVEMENT MARKING NOTES:

1. FOR HOT-MIX ASPHALT PAVEMENT: THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR THE FINAL PAVEMENT MARKINGS, OF THE SIZE AND COLOR SPECIFIED.
2. FOR RAISED REFLECTIVE PAVEMENT MARKERS PLACEMENT, SPACING AND COLOR SEE DISTRICT 1 STANDARD TC-11.
3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 DETAIL TC-13, DISTRICT ONE TYPICAL PAVEMENT MARKINGS.




MODEL: Default
FILE NAME: X:\500 Drawings\502 C400 Sheets\D162G37-sht-pmk04.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 4 OF 7 SHEETS | STA. 95+00 TO STA. 110+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 169 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

PAVEMENT MARKING LEGEND:

1. LINE 4" (WHITE) SOLID
2. LINE 4" (WHITE) SKIP DASH - 10' DASH, 30' SKIP
3. LINE 4" (YELLOW) SOLID
4. LINE 4" (YELLOW) SKIP DASH - 10' DASH, 30' SKIP
5. LINE 4" (DOUBLE YELLOW) SOLID @ 11" C-C
6. LINE 6" (WHITE) SOLID
7. LINE 6" (WHITE) SKIP DASH - 2' DASH, 6' SKIP
8. LINE 12" (WHITE) SOLID @ 3' C-C
9. LINE 12" (YELLOW) SOLID DIAGONALS
10. LINE 24" (WHITE) SOLID STOP BAR
11. LETTERS AND SYMBOLS

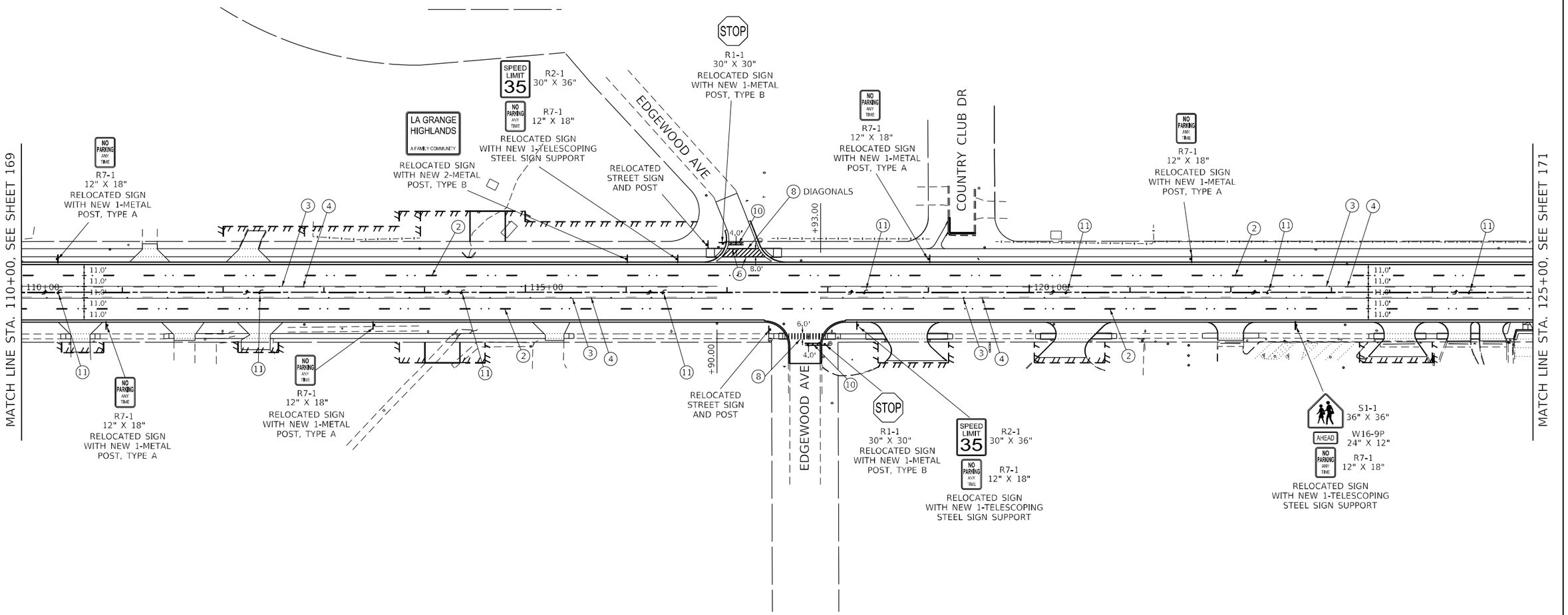
PAVEMENT MARKING NOTES:

1. FOR HOT-MIX ASPHALT PAVEMENT: THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR THE FINAL PAVEMENT MARKINGS, OF THE SIZE AND COLOR SPECIFIED.
2. FOR RAISED REFLECTIVE PAVEMENT MARKERS PLACEMENT, SPACING AND COLOR SEE DISTRICT 1 STANDARD TC-11.
3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 DETAIL TC-13, DISTRICT ONE TYPICAL PAVEMENT MARKINGS.

N

0 50 100 150

SCALE IN FEET




MODEL: Default
FILE NAME: X:\500 Drawings\502 C4OD Sheets\D1162G37-sht-pmk05.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0160
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 5 OF 7 SHEETS | STA. 110+00 TO STA. 125+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 170 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

PAVEMENT MARKING LEGEND:

1. LINE 4" (WHITE) SOLID
2. LINE 4" (WHITE) SKIP DASH - 10' DASH, 30' SKIP
3. LINE 4" (YELLOW) SOLID
4. LINE 4" (YELLOW) SKIP DASH - 10' DASH, 30' SKIP
5. LINE 4" (DOUBLE YELLOW) SOLID @ 11" C-C
6. LINE 6" (WHITE) SOLID
7. LINE 6" (WHITE) SKIP DASH - 2' DASH, 6' SKIP
8. LINE 12" (WHITE) SOLID @ 3' C-C
9. LINE 12" (YELLOW) SOLID DIAGONALS
10. LINE 24" (WHITE) SOLID STOP BAR
11. LETTERS AND SYMBOLS

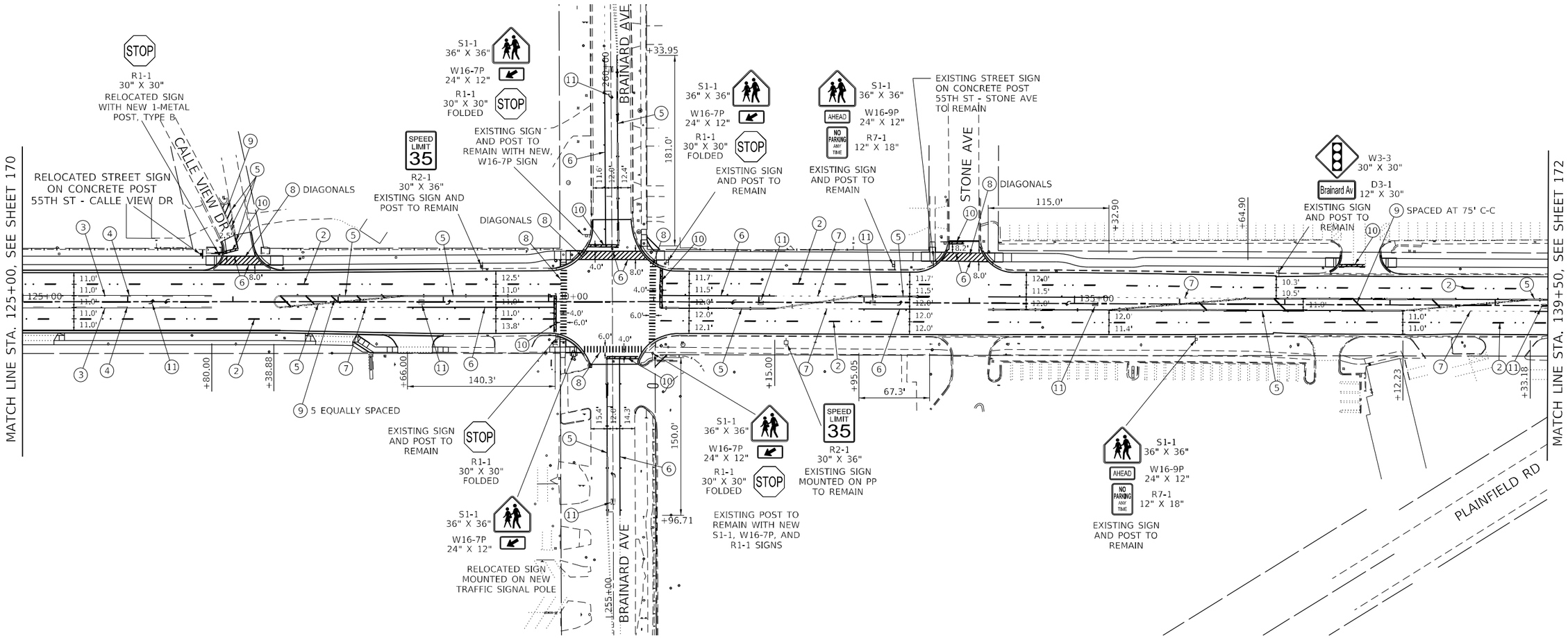
PAVEMENT MARKING NOTES:

1. FOR HOT-MIX ASPHALT PAVEMENT: THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR THE FINAL PAVEMENT MARKINGS, OF THE SIZE AND COLOR SPECIFIED.
2. FOR RAISED REFLECTIVE PAVEMENT MARKERS PLACEMENT, SPACING AND COLOR SEE DISTRICT 1 STANDARD TC-11.
3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 DETAIL TC-13, DISTRICT ONE TYPICAL PAVEMENT MARKINGS.

N

0 50 100 150

SCALE IN FEET




MODEL: Default
FILE NAME: X:\500 Drawings\62G37 CADD Sheets\D162G37-sht-pmk06.dgn

| | | | | |
|---|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0160 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | | DRAWN - JTF | REVISED - | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**PAVEMENT MARKING AND SIGNING PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 6 OF 7 SHEETS | STA. 125+00 TO STA. 139+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 171 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

PAVEMENT MARKING LEGEND:

1. LINE 4" (WHITE) SOLID
2. LINE 4" (WHITE) SKIP DASH - 10' DASH, 30' SKIP
3. LINE 4" (YELLOW) SOLID
4. LINE 4" (YELLOW) SKIP DASH - 10' DASH, 30' SKIP
5. LINE 4" (DOUBLE YELLOW) SOLID @ 11" C-C
6. LINE 6" (WHITE) SOLID
7. LINE 6" (WHITE) SKIP DASH - 2' DASH, 6' SKIP
8. LINE 12" (WHITE) SOLID @ 3' C-C
9. LINE 12" (YELLOW) SOLID DIAGONALS
10. LINE 24" (WHITE) SOLID STOP BAR
11. LETTERS AND SYMBOLS

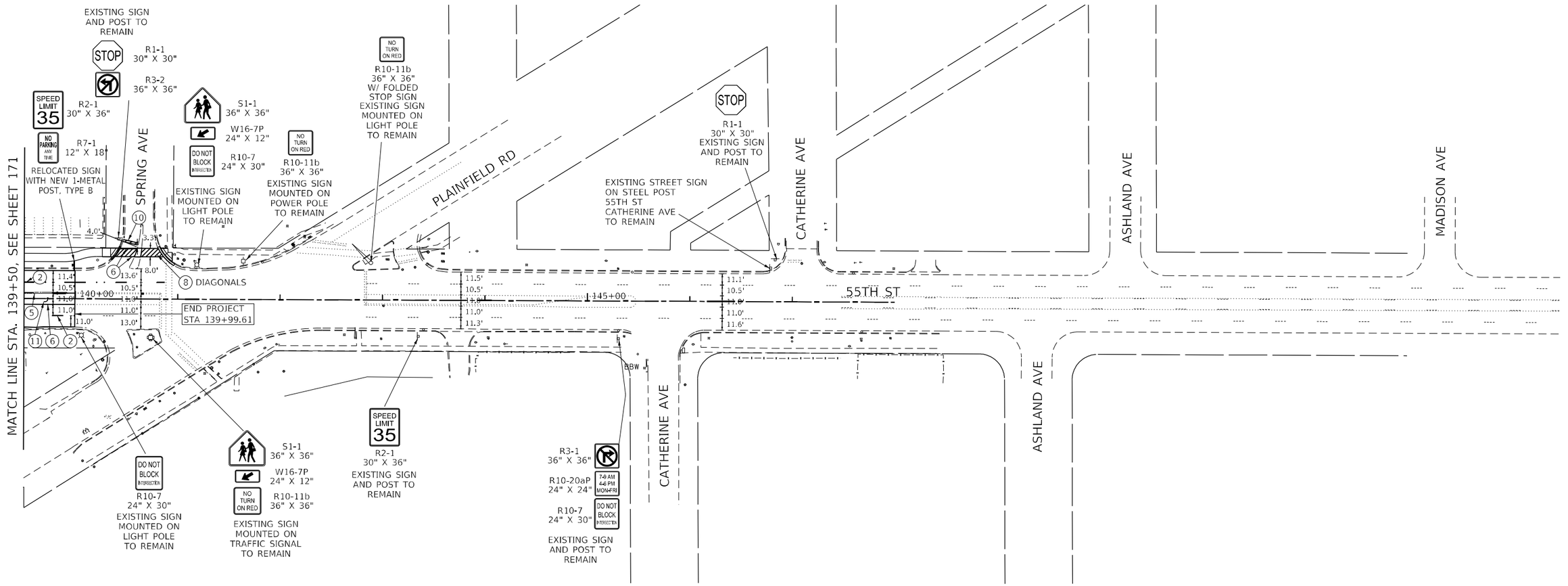
PAVEMENT MARKING NOTES:

1. FOR HOT-MIX ASPHALT PAVEMENT: THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR THE FINAL PAVEMENT MARKINGS, OF THE SIZE AND COLOR SPECIFIED.
2. FOR RAISED REFLECTIVE PAVEMENT MARKERS PLACEMENT, SPACING AND COLOR SEE DISTRICT 1 STANDARD TC-11.
3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 DETAIL TC-13, DISTRICT ONE TYPICAL PAVEMENT MARKINGS.

N

0 50 100 150

SCALE IN FEET




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D1862G37-pm-pmk07.dgn

Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-454-0160 www.bowman.com

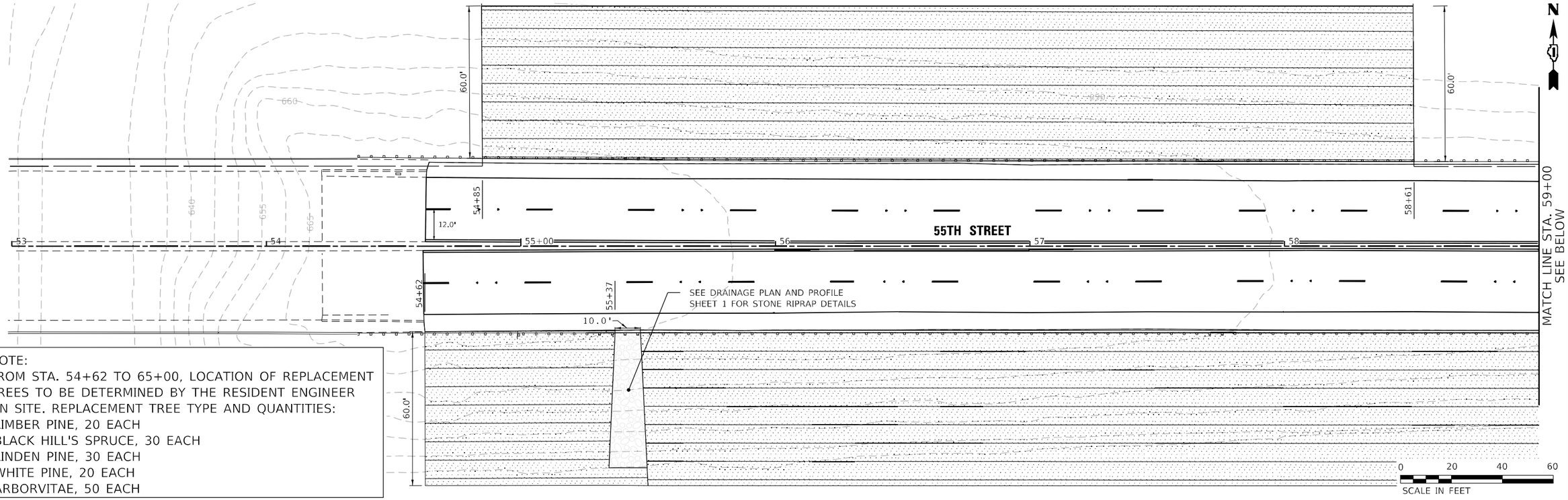
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JTF | REVISED - | |
| | DRAWN - JTF | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/2019 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

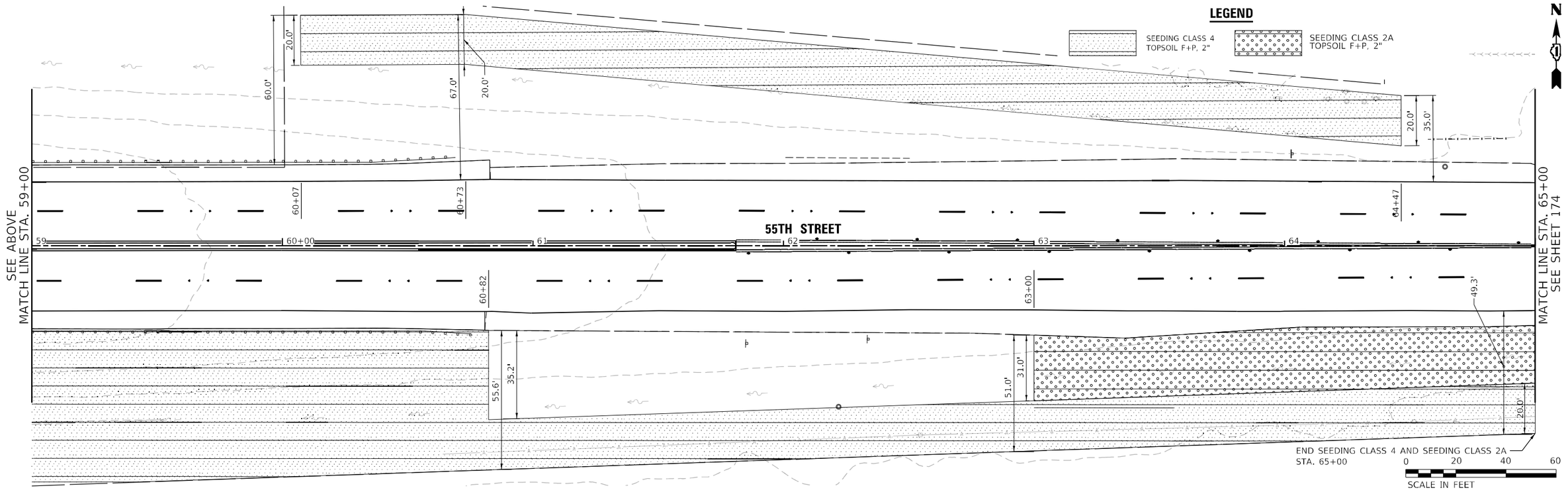
**PAVEMENT MARKING AND SIGNING PLAN**
**55TH STREET**

SCALE: 1" = 50' | SHEET 7 OF 7 SHEETS | STA. 139+50 TO STA. END

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 172 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




NOTE:
FROM STA. 54+62 TO 65+00, LOCATION OF REPLACEMENT TREES TO BE DETERMINED BY THE RESIDENT ENGINEER ON SITE. REPLACEMENT TREE TYPE AND QUANTITIES:
-LIMBER PINE, 20 EACH
-BLACK HILL'S SPRUCE, 30 EACH
-LINDEN PINE, 30 EACH
-WHITE PINE, 20 EACH
-ARBORVITAE, 50 EACH




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-indscp01.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowmanus.com

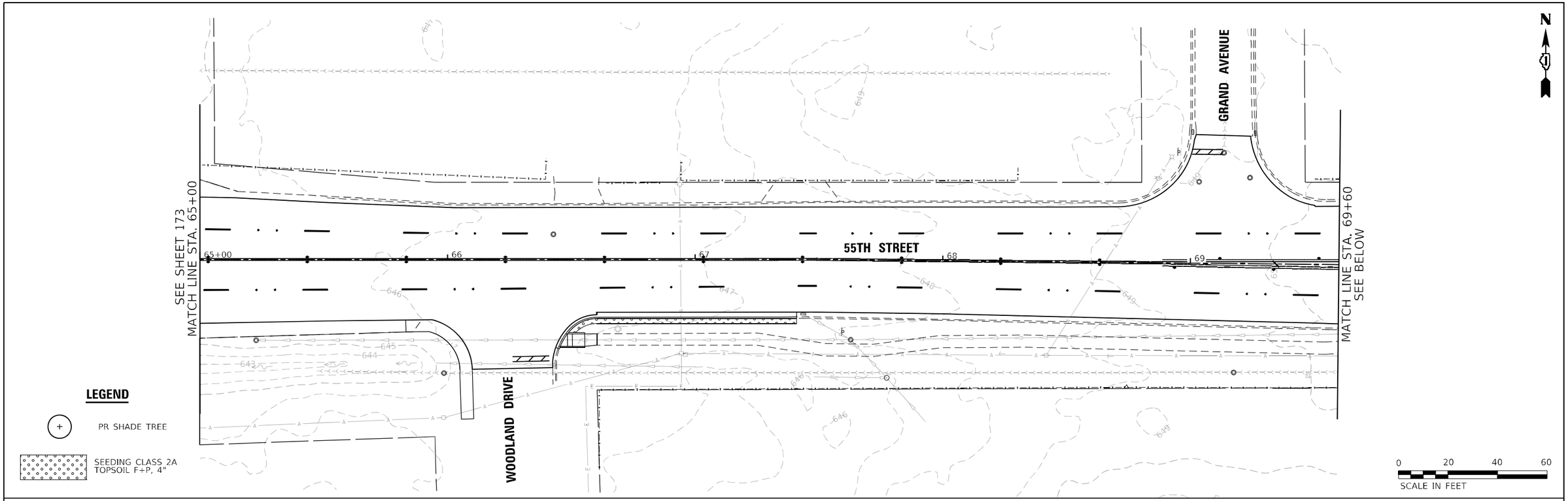
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 3/24/2023 | DATE - 3/24/2023 | REVISED - | |

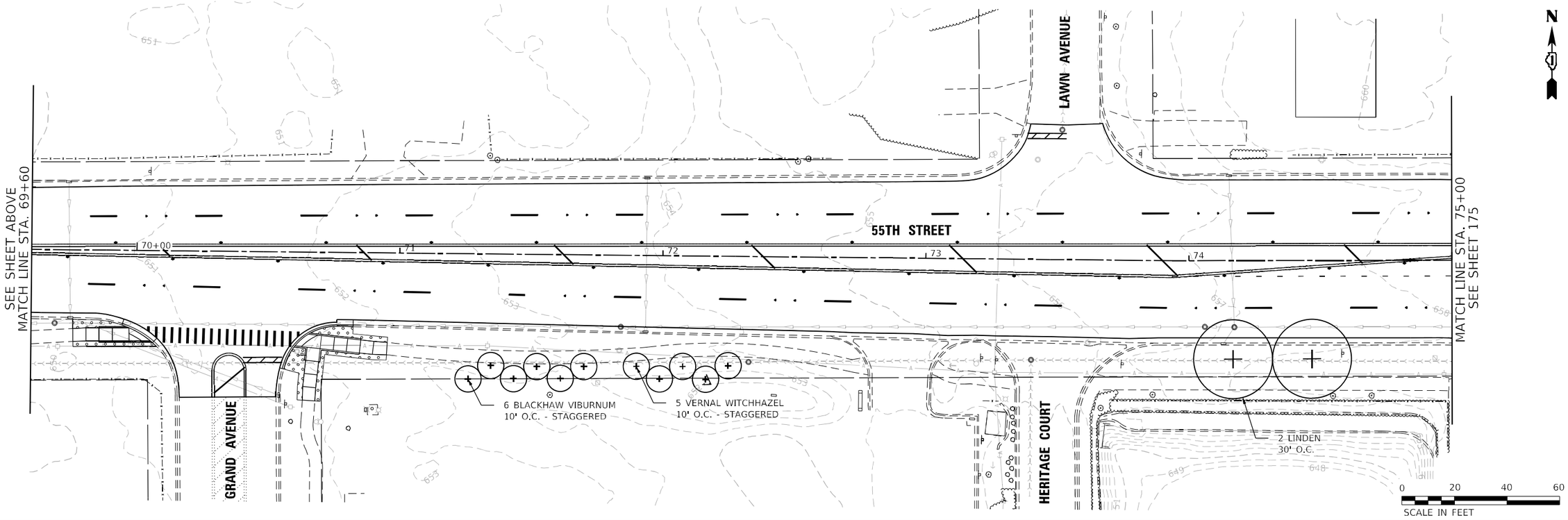
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN**
**55TH STREET**

SCALE: 1" = 20' | SHEET 1 OF 9 SHEETS | STA. 53+00 TO STA. 65+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 173 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-indexp02.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 3/24/2023 | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

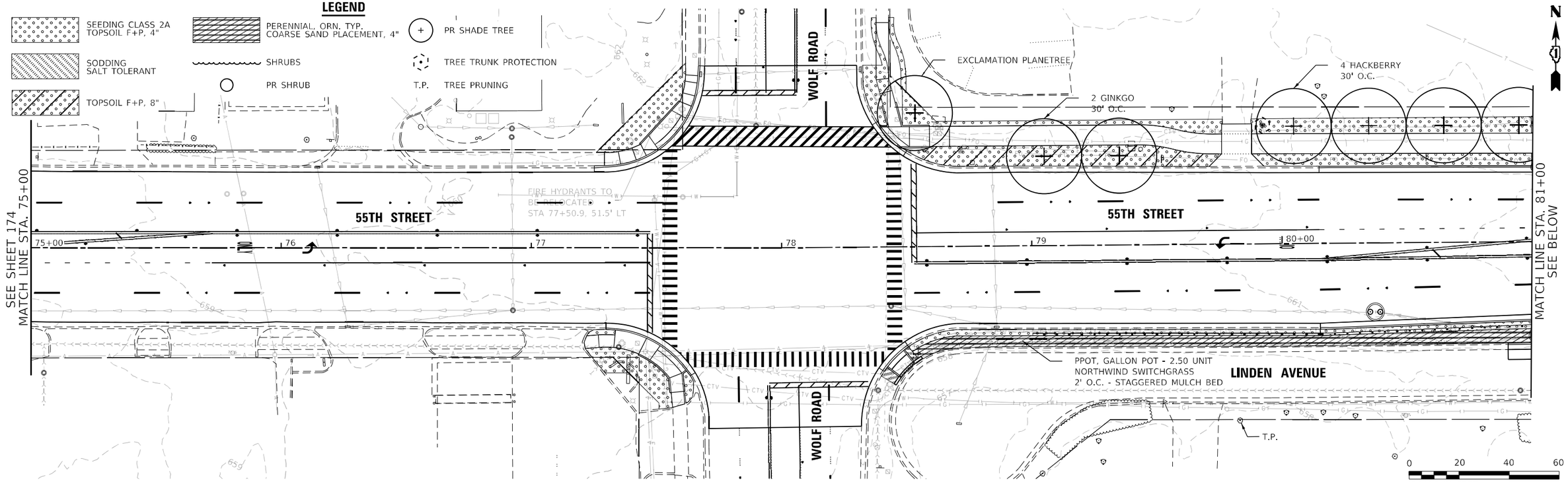
**LANDSCAPE PLAN**
**55TH STREET**

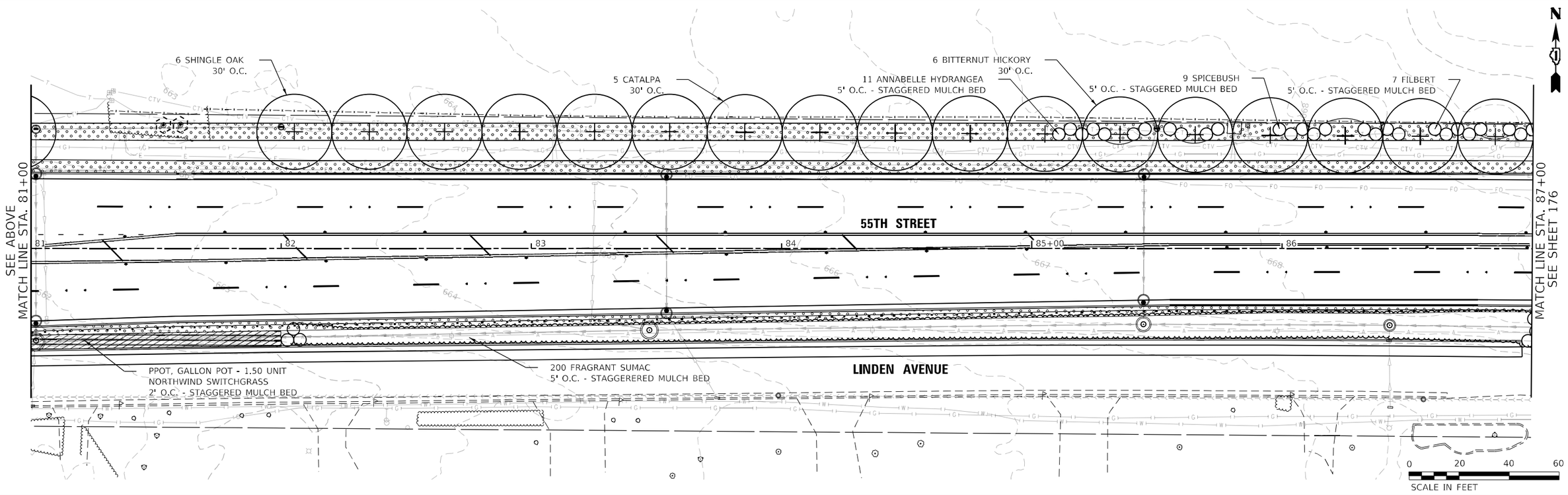
SCALE: 1" = 20' | SHEET 2 OF 9 SHEETS | STA. 65+00 TO STA. 75+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 174 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## LEGEND

- SEEDING CLASS 2A, TOPSOIL F+P, 4"
- SODDING, SALT TOLERANT
- TOPSOIL F+P, 8"
- PERENNIAL, ORN, TYP., COARSE SAND PLACEMENT, 4"
- SHRUBS
- PR SHRUB
- PR SHADE TREE
- TREE TRUNK PROTECTION
- T.P. TREE PRUNING




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-lndscp03.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-346-2360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EIG | REVISED - |
| PLOT DATE = 3/24/2023 | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN**
**55TH STREET**

SCALE: 1" = 20' | SHEET 3 OF 9 SHEETS | STA. 75+00 TO STA. 87+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 175 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

**LEGEND**

SEEDING CLASS 2A TOPSOIL F+P, 4" | PR SHRUB | PR SHADE TREE | TOPSOIL F+P, 8"
PR EVERGREEN TREE | SHRUBS | TREE TRUNK PROTECTION | R.P. | TREE ROOT PRUNING | LINDEN

N

5 WHITE OAK
30' O.C. (TYP.)

4 FILBERT
5' O.C. - STAGGERED MULCH BED

12 SPICEBUSH
5' O.C. - STAGGERED MULCH BED

8 ANNABELLE HYDRANGEA
5' O.C. - STAGGERED MULCH BED

8 SUGAR MAPLE
30' O.C.

SEE SHEET 175
MATCH LINE STA. 87+00

55TH STREET

87 | 88 | 89 | 90+00 | 91 | 92

90 FRAGRANT SUMAC
5' O.C. - STAGGERED MULCH BED

LINDEN AVENUE

5 NORWAY SPRUCE
20' O.C.

5 LIMBER PINE
20' O.C.

5 BLACK HILLS SPRUCE
20' O.C.

3 CHINA SNOW LILAC
20' O.C.

MATCH LINE STA. 92+50
SEE BELOW

0 20 40 60
SCALE IN FEET

N

2 LINDEN
30' O.C.

R.P.

3 MARMO MAPLE
30' O.C. (TYP.)

SEE ABOVE
MATCH LINE STA. 92+50

93 | 94 | 95+00 | 96

55TH STREET

LAUREL AVENUE

4 BALD CYPRESS
30' O.C.

R.P. R.P.

13 BLACK CHOKEBERRY
3' O.C. - STAGGERED MULCH BED

55TH STREET

97 | 98

MATCH LINE STA. 98+50
SEE SHEET 177

5 CORNELIAN CHERRY DOGWOOD
20' O.C.

4 IVORY SILK LILAC
20' O.C.

LAUREL AVENUE

3 AUTUMN BRILLIANCE SERVICEBERRY
20' O.C.

3 HOP HORNBEAM/IRONWOOD
20' O.C.

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: X:\900 Drawings\502 CADD Sheets\D162G37-sht-lndsc04.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0260
www.bowman.com

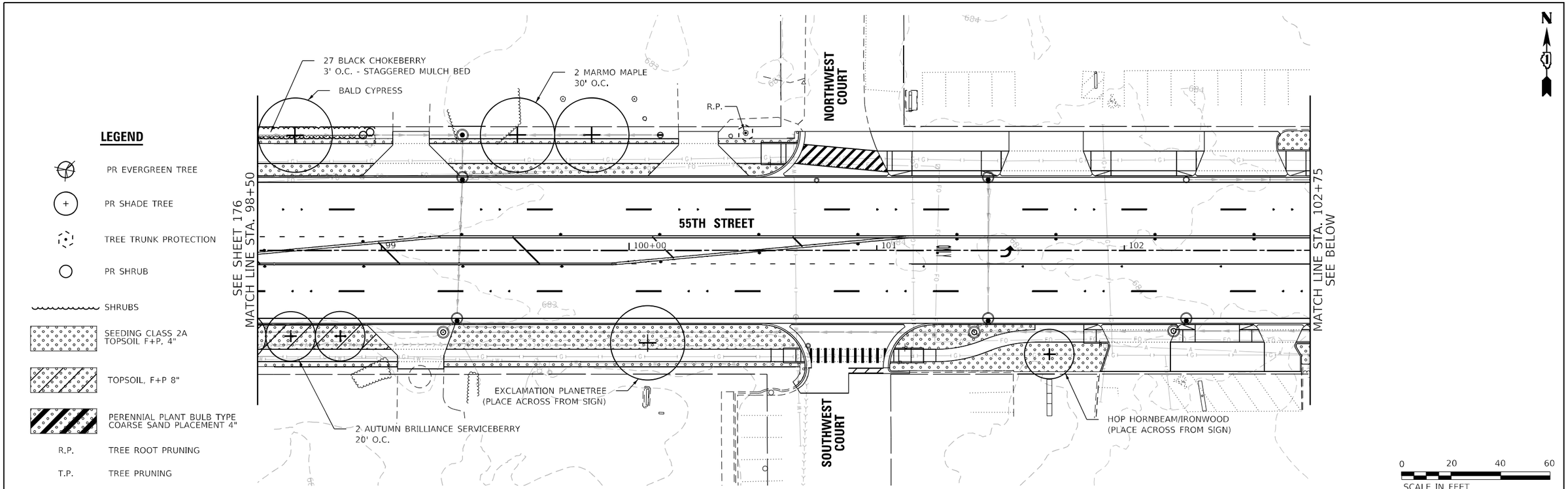
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 3/24/2023 | DATE - 3/24/2023 | REVISED - | |

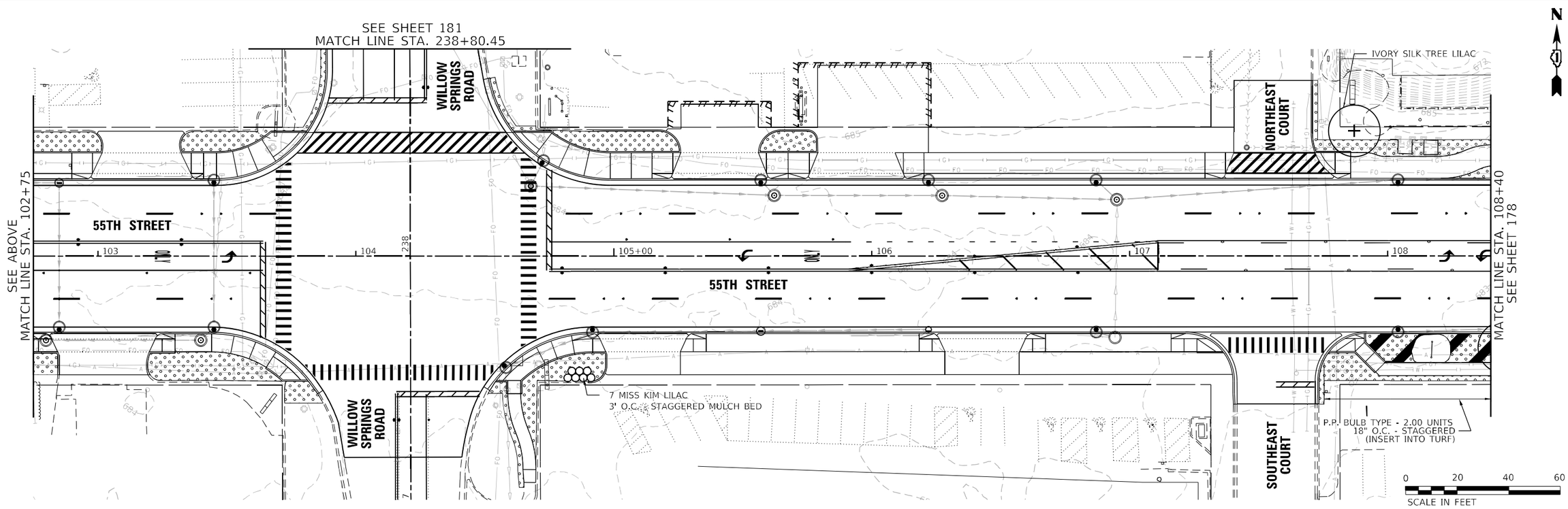
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN**
**55TH STREET**

SCALE: 1" = 20' | SHEET 4 OF 9 SHEETS | STA. 87+00 TO STA. 98+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 176 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-lndsc05.dgn

| | | | |
|---|---|---|---|
| Bowman 10 S. LaSalle Street, Suite 2110 Chicago, IL 60603 312-630-0360 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | | DRAWN - KDB | REVISED - |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| | PLOT DATE = 3/24/2023 | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

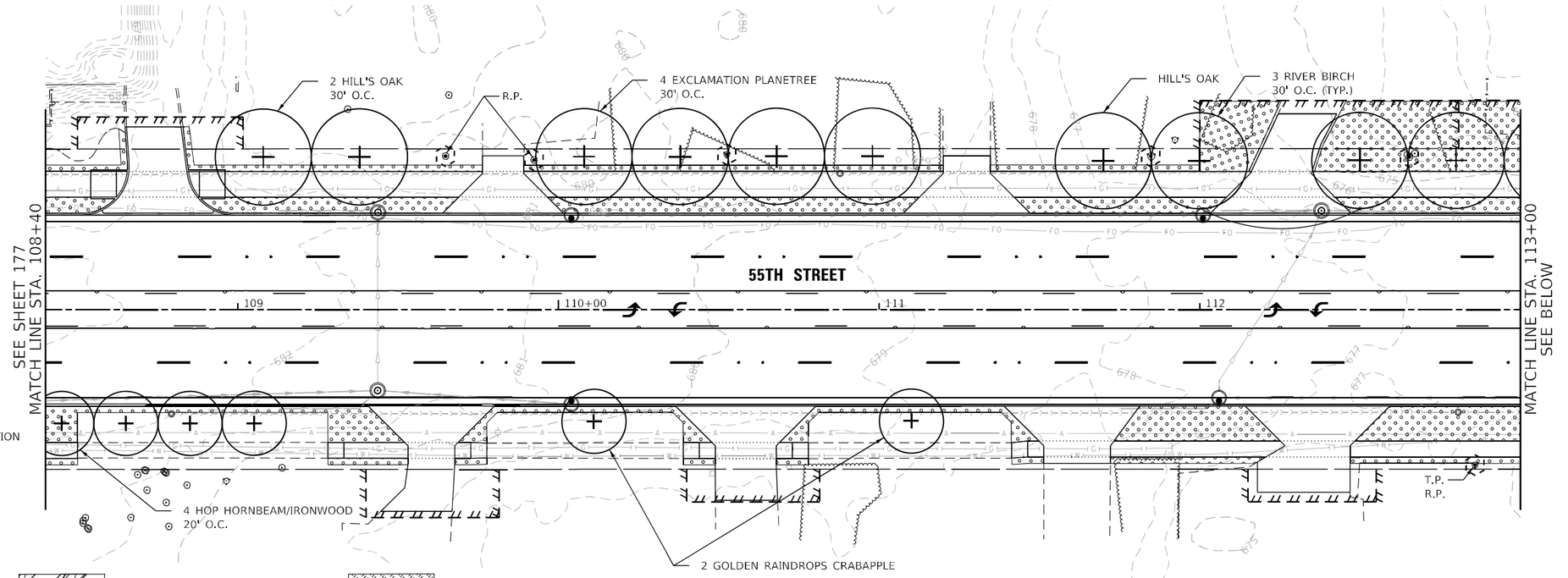
**LANDSCAPE PLAN**
**55TH STREET**

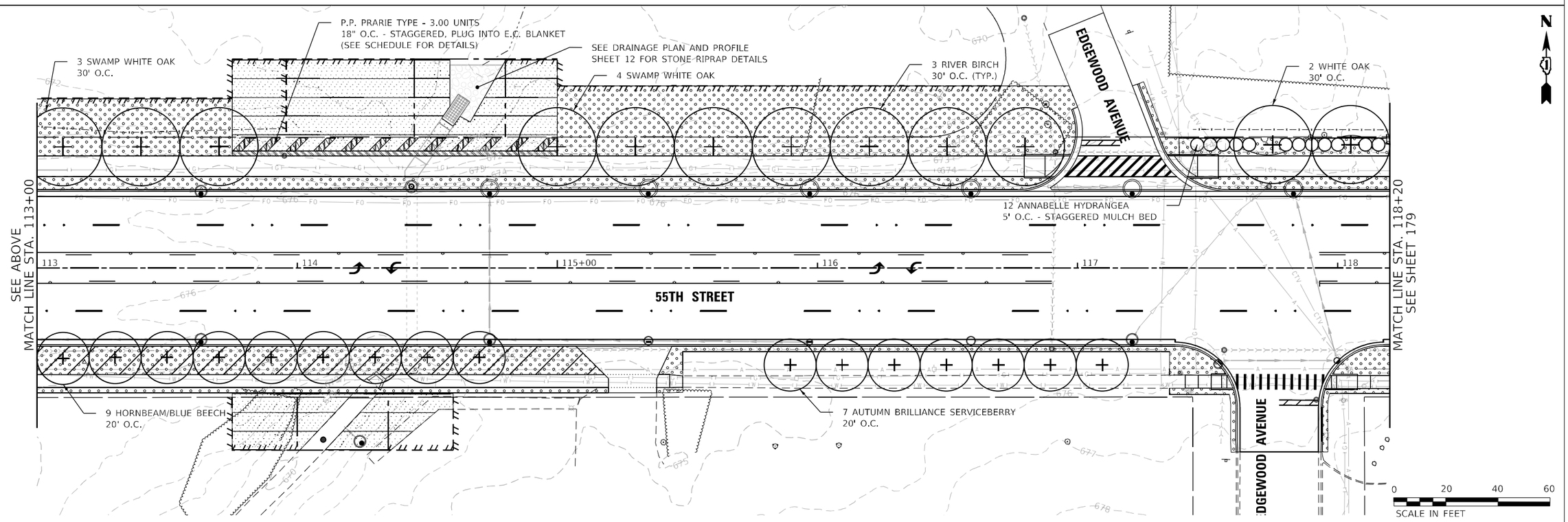
SCALE: 1" =20' | SHEET 5 OF 9 SHEETS | STA. 98+50 TO STA. 108+40

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 177 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

## LEGEND

- R.P. — TREE ROOT PRUNING
- T.P. — TREE PRUNING
- PR SHRUB
- PR SHADE TREE
- TREE TRUNK PROTECTION
- SEEDING CLASS 2A TOPSOIL F+P, 4"
- TOPSOIL, F+P 8"
- SEEDING CLASS 4 TOPSOIL F+P, 2"
- PERENNIAL PLANT PRARIE TYPE COARSE SAND PLACEMENT 4"
- SODDING, SALT TOLERANT




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D1160G37-sht-lndsc06.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

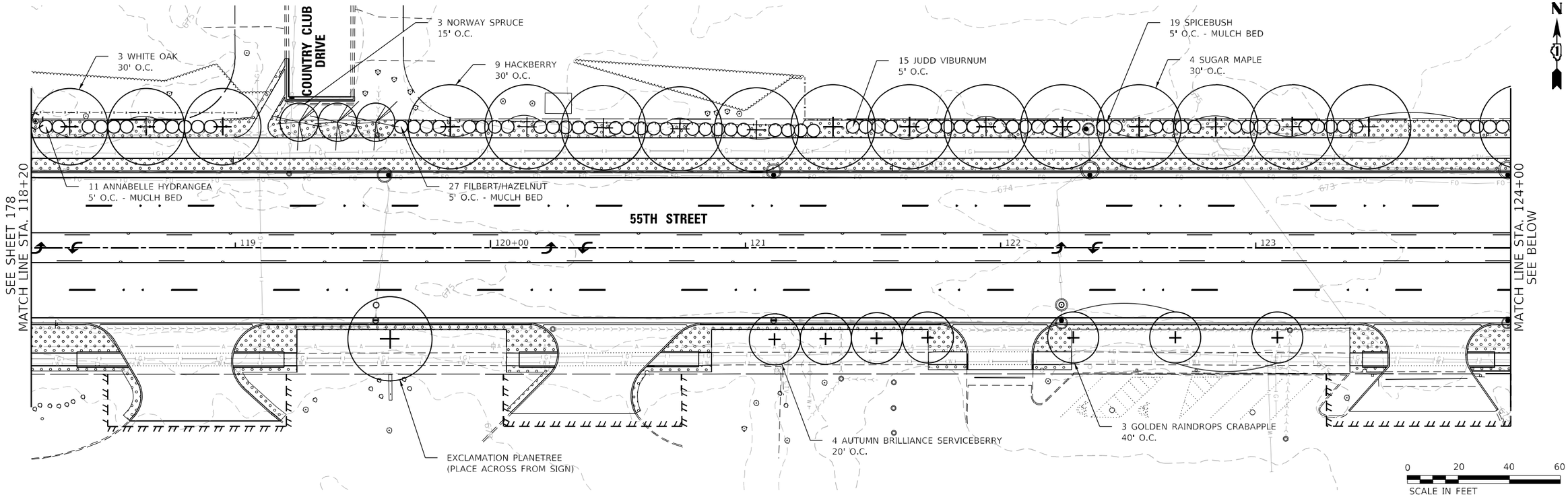
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 3/24/2023 | DATE - 3/24/2023 | REVISED - |

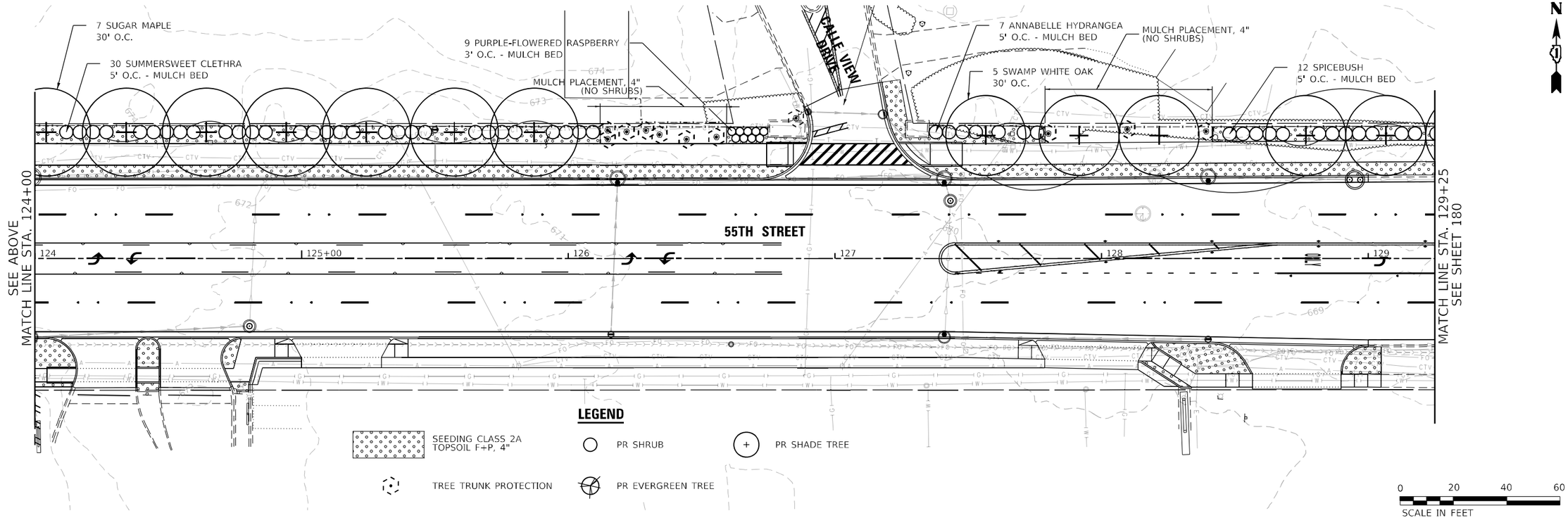
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN**
**55TH STREET**

SCALE: 1" = 20' | SHEET 6 OF 9 SHEETS | STA. 108+40 | TO STA. 118+20

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 178 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-lndsc07.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

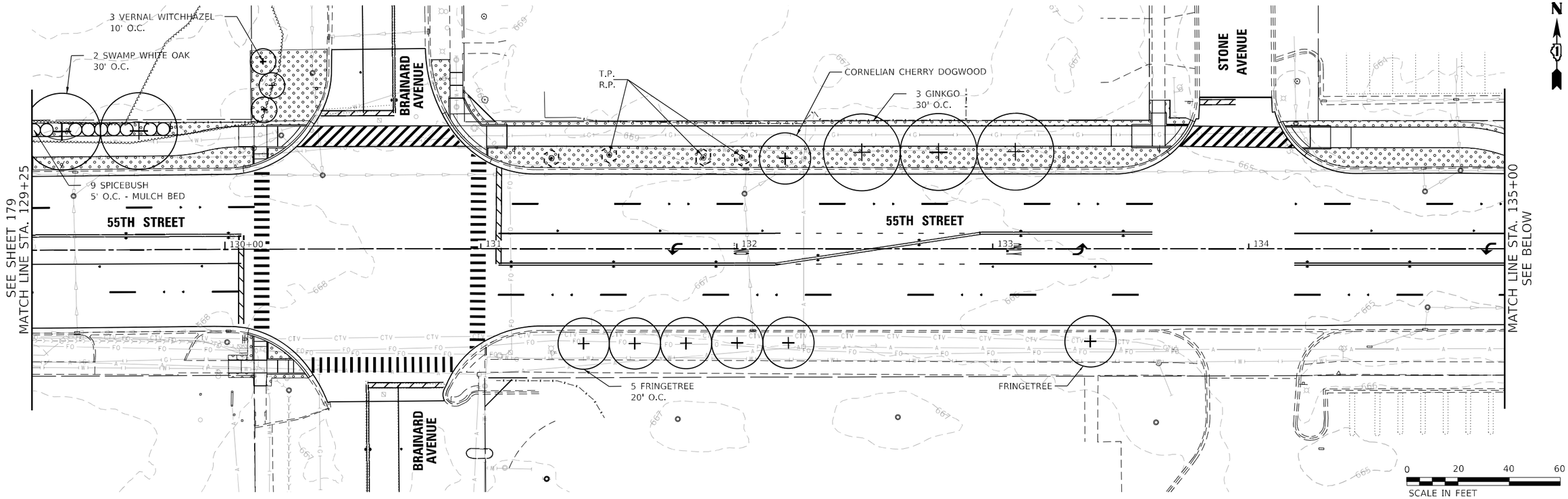
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 3/24/2023 | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN**
**55TH STREET**

SCALE: 1" =20' | SHEET 7 OF 9 SHEETS | STA. 118+20 TO STA. 129+25

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 179 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 C&DD Sheets\D162G37-sht-lndscp08.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

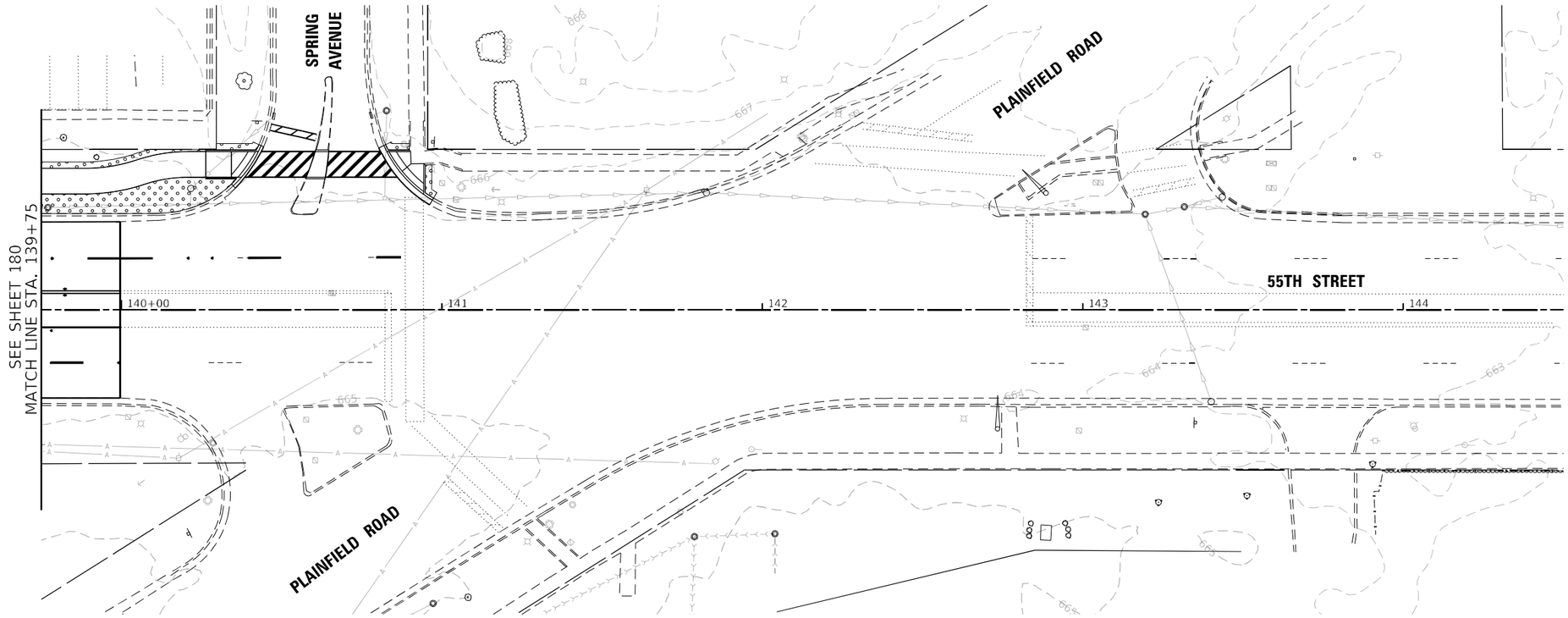
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 3/24/2023 | DATE - 3/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN**
**55TH STREET**

SCALE: 1" =20' | SHEET 8 OF 9 SHEETS | STA. 129+25 TO STA. 139+75

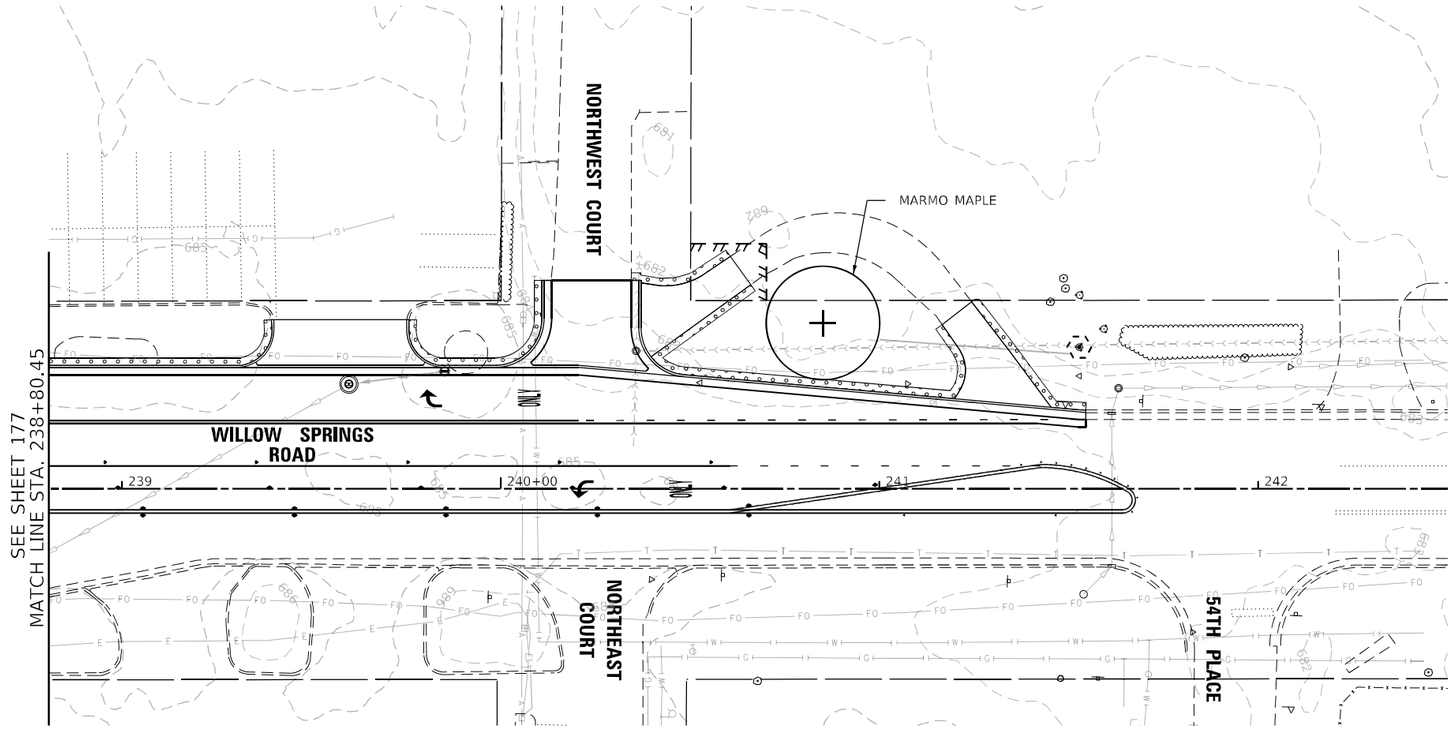
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 180 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |





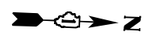


0 20 40 60
SCALE IN FEET




## LEGEND

| | |
|---|---|
| ○ | PR SHRUB |
| ⊕ | PR SHADE TREE |
| | TREE TRUNK PROTECTION |
| R.P. | TREE ROOT PRUNING |
| T.P. | TREE PRUNING |
| | SEEDING CLASS 2A TOPSOIL F+P, 4" |




0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-lndscp09.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-630-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - | |
| | DRAWN - KDB | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 3/24/2023 | DATE - 3/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN**
**55TH STREET & WILLOW SPRINGS ROAD**

SCALE: 1" =20' | SHEET 9 OF 9 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 181 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

# SCHEDULE OF PERENNIALS

| KEY/TYPE | *SCIENTIFIC NAME* | COMMON NAME | SIZE | SPACING | UNITS (OF 100 EACH) EB: WOLF RD TO STA. 82+00 RT | AT SW CORNER OF SOUTHEAST COURT (WELCOME SIGN) | WB: EASEMENT AT CULVERT | SUBTOTALS (BY SPECIES) | SUBTOTALS (BY TYPE) |
|---|---|---|---|---|---|---|---|---|---|
| | | | ***Sheets (__of 8):*** | | ***3*** | ***5*** | ***6*** | | |
| **BULB** | | | | | | | | | **BULBS** |
| | *NARCISSUS SP.* | KING ALFRED DAFFODILS | TOP SIZE | 18" | | 2.00 | | **2.00** | **2.00** |
| **ORNAMENTAL*** | | | | | | | | | **ORNAMENTAL** |
| | *PANICUM VIRGATUM 'NORTHWIND'* | NORTHWIND SWITCH GRASS | 1-GALLON POT | 2' | 4.00 | | | **0.00** | **4.00** |
| **PRAIRIE** | | | | | | | | | |
| | *ALLIUM CERNUUM* | NODDING WILD ONION | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *ASCLEPIAS TUBEROSA* | BUTTERFLY MILKWEED | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *COREOPSIS LANCEOLATA* | LANCE-LEAF COREOPSIS | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *DALIA PURPUREA* | PURPLE PRAIRIE CLOVER | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *ECHINACEA PURPUREA* | PURPLE CONEFLOWER | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *GERANIUM MACULATUM* | WILD GERANIUM | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *LIATRIS ASPERA* | ROUGH BLAZING STAR | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *PENSTEMON DIGITALIS* | FOXGLOVE BEARDTONGUE | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *SPOROBOLIS HETEROLEPIS* | PRAIRIE DROPSEED | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *SCHIZACHRIUM SCOPARIUM* | LITTLE BLUESTEM | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *SYMPHYOTRICHUM ERICOIDES* | HEATH ASTER | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | |
| | *ZIZIA AUREA* | GOLDEN ALEXANDERS | 2" DIA BY 4" PLUG | 18" | | | 0.25 | **0.25** | **PRAIRIE** |
| | | | | | | | | | **3.00** |

ALL PERENNIAL PLANTS SHALL BE INTERMIXED AND STAGGERED

ALL PERENNIAL PLANTS SHALL BE PLANTED INTO SEEDING/BLANKET/TURF **EXCEPT AS INDICATED BY ***

Bowman
10 S. LaSalle Street, Suite 2700
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - KDB | REVISED - |
| | DRAWN - KDB | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITES**
**FOR LANDSCAPE PERENNIALS**

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 182 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\500 CADD Sheets\D162G37-sht-inotesc-schedule.dgn

# TRAFFIC SIGNAL LEGEND

**(NOT TO SCALE)**

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| CONTROLLER CABINET | | |
| COMMUNICATION CABINET | ECC | CC |
| MASTER CONTROLLER | EMC | MC |
| MASTER MASTER CONTROLLER | EMMC | MMC |
| UNINTERRUPTABLE POWER SUPPLY | | |
| SERVICE INSTALLATION<br>-(P) POLE MOUNTED | P | P |
| SERVICE INSTALLATION<br>-(G) GROUND MOUNTED<br>-(GM) GROUND MOUNTED METERED | G GM | G GM |
| TELEPHONE CONNECTION | ET | T |
| STEEL MAST ARM ASSEMBLY AND POLE | | |
| ALUMINUM MAST ARM ASSEMBLY AND POLE | | |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE | | |
| SIGNAL POST<br>-(BM) BARREL MOUNTED - TEMPORARY | | BM |
| WOOD POLE | | |
| GUY WIRE | | |
| SIGNAL HEAD | | |
| SIGNAL HEAD WITH BACKPLATE | | |
| SIGNAL HEAD OPTICALLY PROGRAMMED | P P | P P |
| FLASHER INSTALLATION<br>-(FS) SOLAR POWERED | F FS<br>F FS | F FS<br>F FS |
| PEDESTRIAN SIGNAL HEAD | | |
| PEDESTRIAN PUSH BUTTON<br>-(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON | APS | APS |
| RADAR DETECTION SENSOR | R | R |
| VIDEO DETECTION CAMERA | V | V |
| RADAR/VIDEO DETECTION ZONE | | |
| PAN, TILT, ZOOM (PTZ) CAMERA | PTZ | PTZ |
| EMERGENCY VEHICLE LIGHT DETECTOR | | |
| CONFIMATION BEACON | | |
| WIRELESS INTERCONNECT | | |
| WIRELESS INTERCONNECT RADIO REPEATER | ERR | RR |

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| HANDHOLE<br>-SQUARE<br>-ROUND | | |
| HEAVY DUTY HANDHOLE<br>-SQUARE<br>-ROUND | H | H |
| DOUBLE HANDHOLE | | |
| JUNCTION BOX | | |
| RAILROAD CANTILEVER MAST ARM | | |
| RAILROAD FLASHING SIGNAL | | |
| RAILROAD CROSSING GATE | | |
| RAILROAD CROSSBUCK | | |
| RAILROAD CONTROLLER CABINET | R | R |
| UNDERGROUND CONDUIT (UC),<br>GALVANIZED STEEL | | |
| TEMPORARY SPAN WIRE,<br>TETHER WIRE, AND CABLE | | |
| SYSTEM ITEM | S | SP |
| INTERSECTION ITEM | I | IP |
| REMOVE ITEM | | R |
| RELOCATE ITEM | | RL |
| ABANDON ITEM | | A |
| CONTROLLER CABINET AND<br>FOUNDATION TO BE REMOVED | | RCF |
| MAST ARM POLE AND<br>FOUNDATION TO BE REMOVED | | RMF |
| SIGNAL POST AND<br>FOUNDATION TO BE REMOVED | | RPF |
| DETECTOR LOOP, TYPE I | | |
| PREFORMED DETECTOR LOOP | P | P |
| SAMPLING (SYSTEM) DETECTOR | S | S |
| INTERSECTION AND SAMPLING<br>(SYSTEM) DETECTOR | IS | IS |
| QUEUE AND SAMPLING<br>(SYSTEM) DETECTOR | QS | QS |
| WIRELESS DETECTOR SENSOR | W | W |
| WIRELESS ACCESS POINT | | |

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| SIGNAL HEAD<br>-(P) PROGRAMMABLE SIGNAL HEAD | R Y G ◄Y ◄G (P) | R Y G ◄Y ◄G (P) |
| SIGNAL HEAD WITH BACKPLATE<br>-(P) PROGRAMMABLE SIGNAL HEAD<br>-(RB) RETROREFLECTIVE BACKPLATE | R Y G ◄Y ◄G (P) (RB) | R Y G ◄Y ◄G (P) (RB) |
| PEDESTRIAN SIGNAL HEAD<br>AT RAILROAD INTERSECTIONS | | |
| PEDESTRIAN SIGNAL HEAD<br>WITH COUNTDOWN TIMER | C D | C D |
| ILLUMINATED SIGN<br>"NO LEFT TURN"/"NO RIGHT TURN" | | |
| NUMBER OF CONDUCTORS, ELECTRIC<br>CABLE NO. 14, UNLESS NOTED OTHERWISE.<br>ALL DETECTOR LOOP CABLE TO BE SHIELDED | 5 | 5 |
| GROUND CABLE IN CONDUIT,<br>NO. 6 SOLID COPPER (GREEN) | 1#6 | 1#6 |
| ELECTRIC CABLE IN CONDUIT, TRACER<br>NO. 14 1/C | 1 | 1 |
| COAXIAL CABLE | C | C |
| VENDOR CABLE | V | V |
| COPPER INTERCONNECT CABLE,<br>NO. 18, 3 PAIR TWISTED, SHIELDED | 6#18 | 6#18 |
| FIBER OPTIC CABLE<br>-NO. 62.5/125, MM12F<br>-NO. 62.5/125, MM12F SM12F<br>-NO. 62.5/125, MM12F SM24F | 12F<br>24F<br>36F | 12F<br>24F<br>36F |
| GROUND ROD<br>-(C) CONTROLLER<br>-(M) MAST ARM<br>-(P) POST<br>-(S) SERVICE | C M P S | C M P S |

TS SHT NO. 1

| | | | |
|---|---|---|---|
| FILE NAME = S:\WP\Design\Iovan\SamplePlans-DO.NOT.USE\Default | USER NAME = plascencia | DESIGNED - IP | REVISED - |
| | DGNFiles\Legend_06-08-16.dgn | DRAWN - IP | REVISED - |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - LP | REVISED - |
| | PLOT DATE = 6/10/2016 | DATE - 6/8/2016 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 183 |
| | TS-05 | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

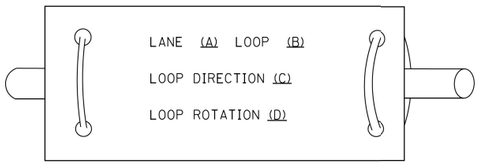
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

## LOOP LEAD-IN CABLE TAG

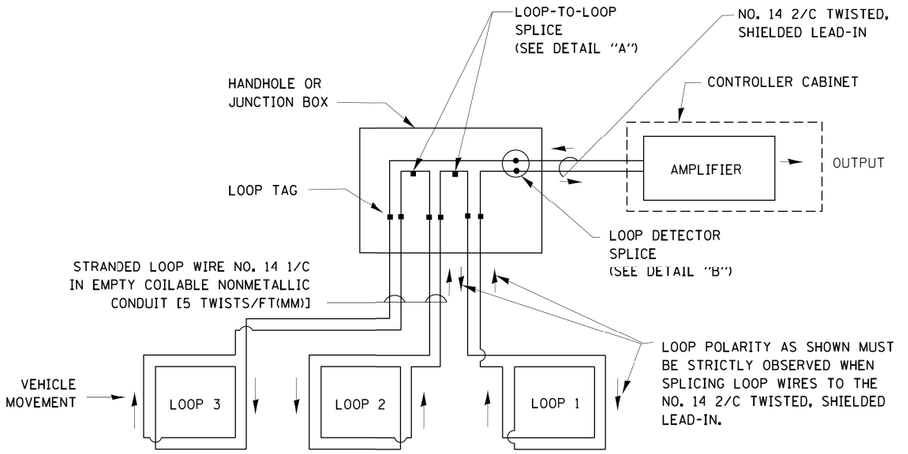



A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

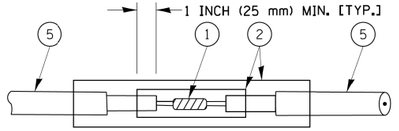
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

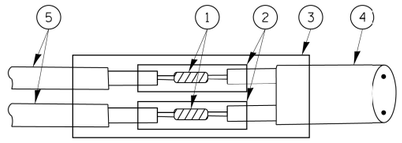



## DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

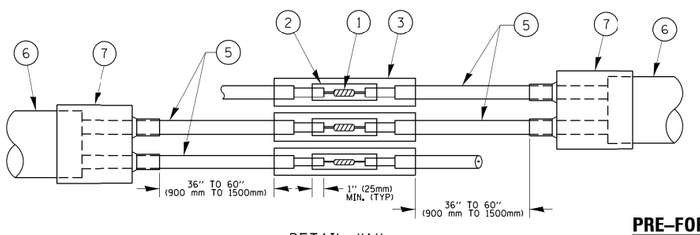



DETAIL "A"
LOOP-TO-LOOP SPLICE



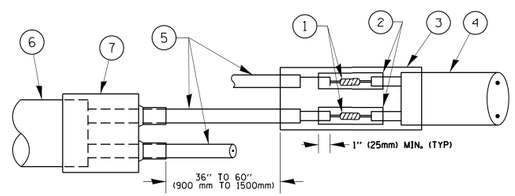

DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

## TYPE I LOOP




DETAIL "A"
LOOP-TO-LOOP SPLICE

## PRE-FORMED LOOP




DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

## LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

(6) PRE-FORMED LOOP

(7) XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

TS SHT NO. 2

| | | | |
|---|---|---|---|
| FILE NAME = c:\pw_work\pwidot\footemj\d0108315\ts05.dgn | USER NAME = footemj | DESIGNED - DAD | REVISED - DAG 1-1-14 |
| | | DRAWN - BCK | REVISED - |
| | PLOT SCALE = 50.0000 ' / in. | CHECKED - DAD | REVISED - |
| | PLOT DATE = 1/13/2014 | DATE - 10-28-09 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

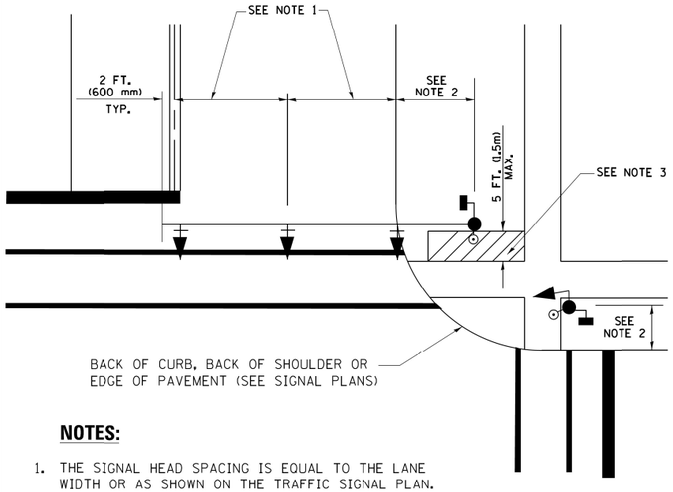
SCALE: NONE | SHEET NO. 2 OF 7 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 184 |
| | | CONTRACT NO. 62G37 | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |

ts05.dgn 1/13/2014 12:56:31 PM User=footemj

## TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

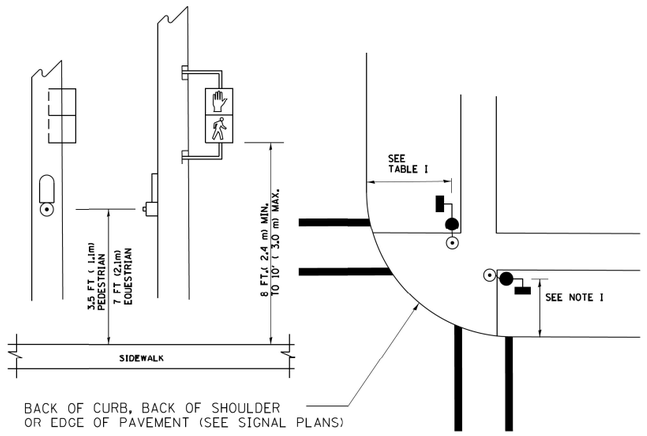
**MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**




### NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

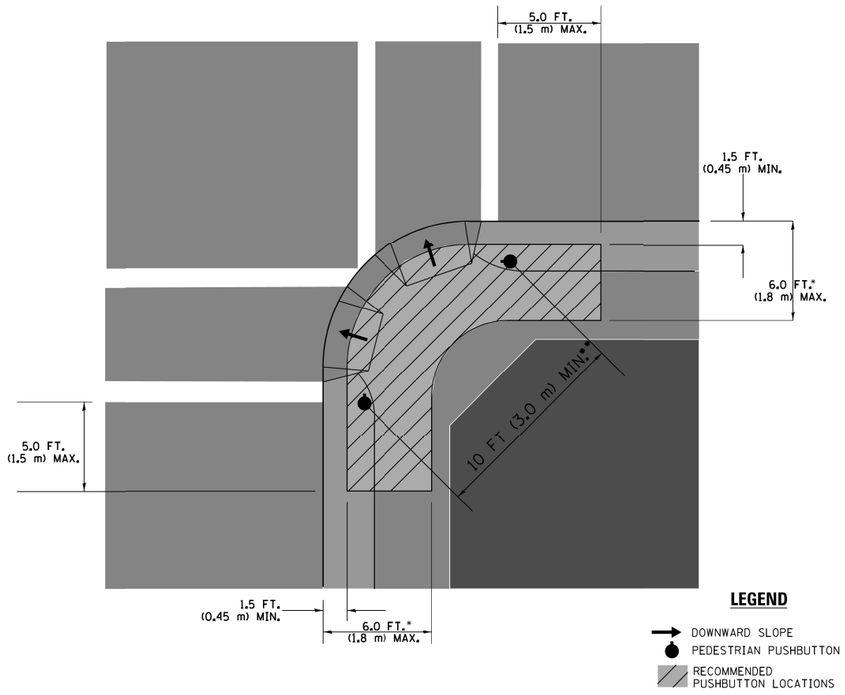
## PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST




### NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

## RECOMMENDED PUSHBUTTON LOCATIONS




- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT ( 1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

### NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

| TRAFFIC SIGNAL EQUIPMENT | COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION) | SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION) |
|---|---|---|
| TRAFFIC SIGNAL MAST ARM POLE | 6 FT (1.8m) | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m) |
| TRAFFIC SIGNAL POST | 4 FT (1.2m) | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m) |
| PEDESTRIAN SIGNAL POST | 4 FT (1.2m) | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m) |
| PEDESTRIAN PUSHBUTTON POST | 4 FT (1.2m) | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m) |
| TEMPORARY WOOD POLE | 6 FT (1.8m) | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m) |
| CONTROLLER CABINET | 6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2 | SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3. |
| SERVICE INSTALLATION, GROUND MOUNT | 6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2 | SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3. |

### NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

TS SHT NO. 3

| | | | |
|---|---|---|---|
| FILE NAME = c:\pw_work\pwidot\footemj\d0108315\ts05.dgn | USER NAME = footemj | DESIGNED - DAD | REVISED - DAG 1-1-14 |
| | | DRAWN - BCK | REVISED - |
| | PLOT SCALE = 50.0000 ' / in. | CHECKED - DAD | REVISED - |
| | PLOT DATE = 1/13/2014 | DATE - 10-28-09 | REVISED - |

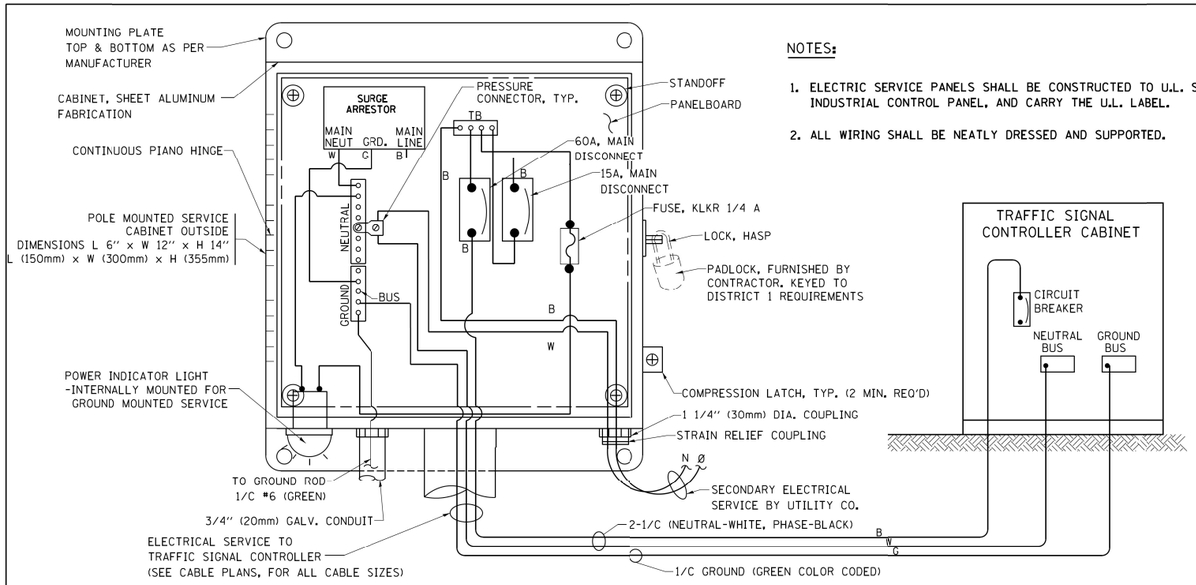
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE | SHEET NO. 3 OF 7 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 185 |
| | TS-05 | CONTRACT NO. 62G37 | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |

ts05.dgn 1/13/2014 1:16:29 PM User:footemj

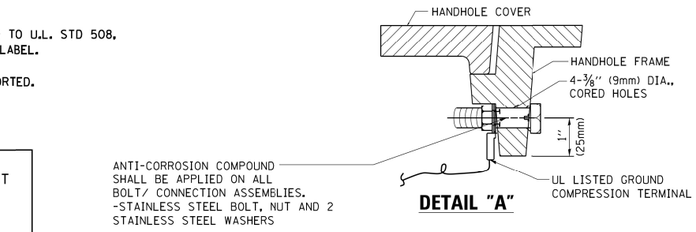



## ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

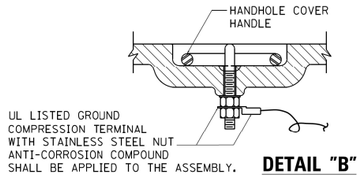
**(NOT TO SCALE)**

NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.



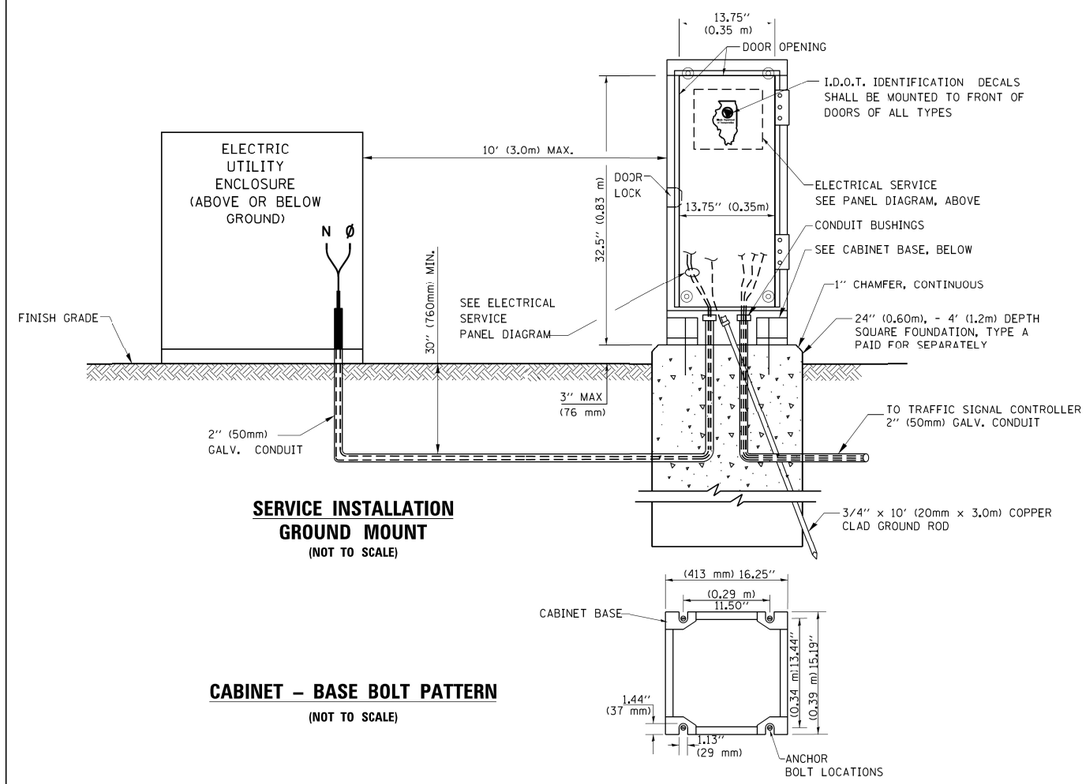

**DETAIL "A"**




**DETAIL "B"**

## NOTES: GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



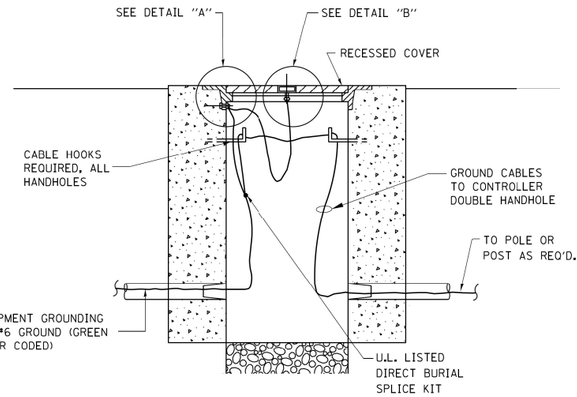

## SERVICE INSTALLATION GROUND MOUNT

**(NOT TO SCALE)**



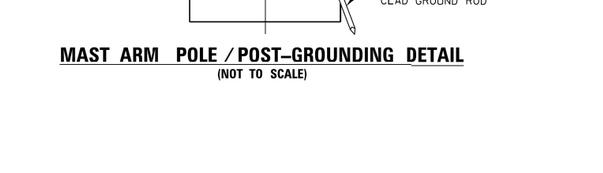

## CABINET – BASE BOLT PATTERN

**(NOT TO SCALE)**



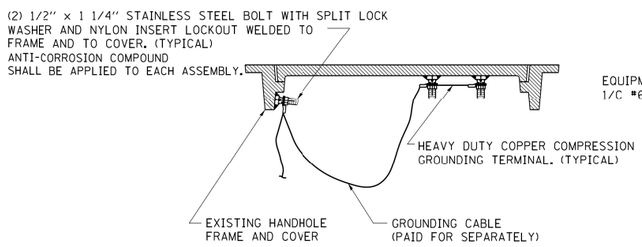

## HANDHOLE COVER & FRAME – GROUNDING DETAIL

**(NOT TO SCALE)**



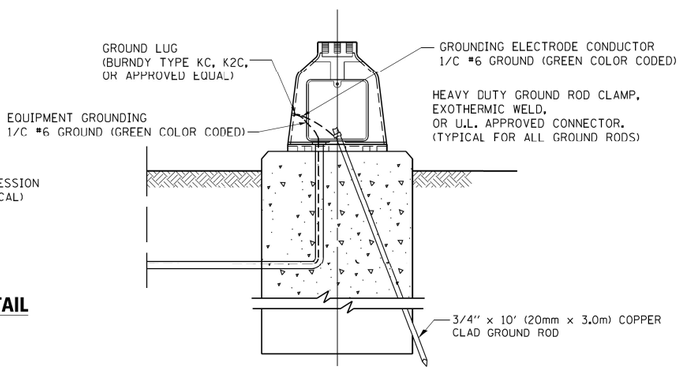

**NOTES:**

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.




## EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

**(NOT TO SCALE)**




## MAST ARM POLE / POST–GROUNDING DETAIL

**(NOT TO SCALE)**

TS SHT NO. 4

| | | | |
|---|---|---|---|
| FILE NAME = c:\pw_work\pwidot\footemj\d0108315\ts05.dgn | USER NAME = footemj | DESIGNED - DAD | REVISED - DAG 1-1-14 |
| | | DRAWN - BCK | REVISED - |
| | PLOT SCALE = 50.0000 ' / in. | CHECKED - DAD | REVISED - |
| | PLOT DATE = 1/13/2014 | DATE - 10-28-09 | REVISED - |

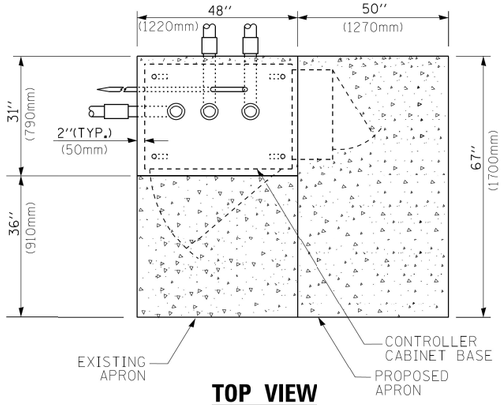
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

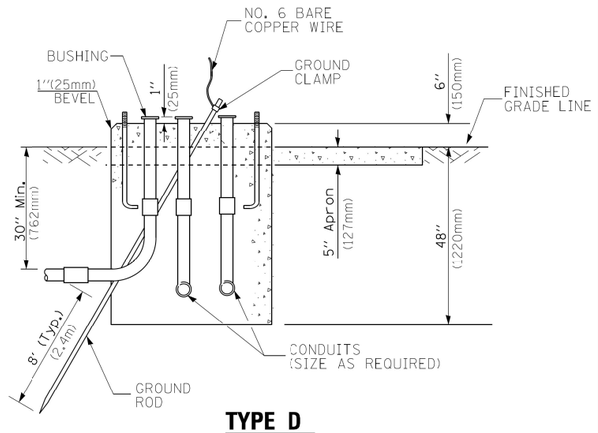
SCALE: NONE | SHEET NO. 4 OF 7 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 186 |
| | TS-05 | CONTRACT NO. 62G37 | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |

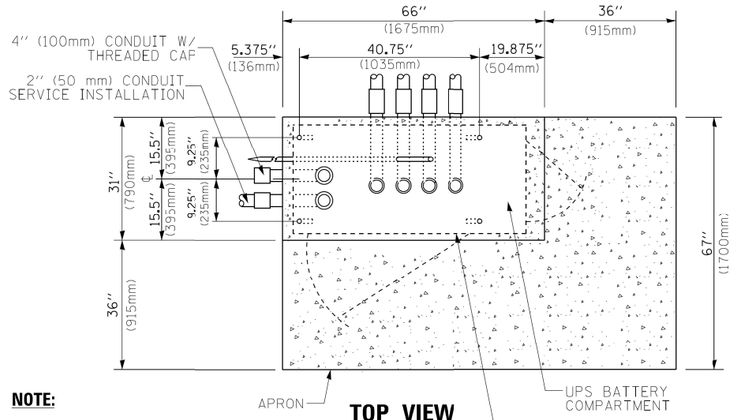
ts05.dgn 1/13/2014 12:37:53 PM User:footemj




## TOP VIEW



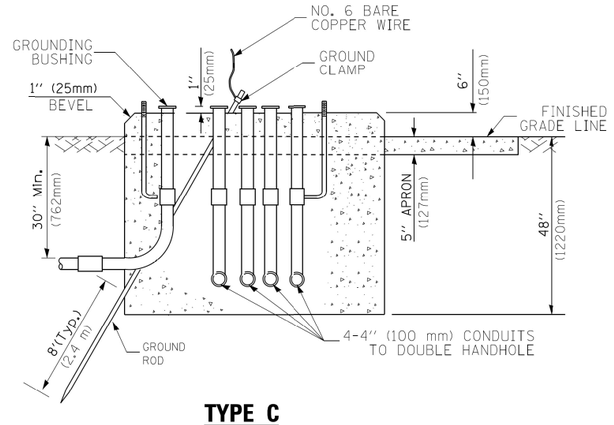

## TYPE D
## FOR GROUND MOUNTED
## CONTROLLER CABINET
## AND UPS BATTERY CABINET



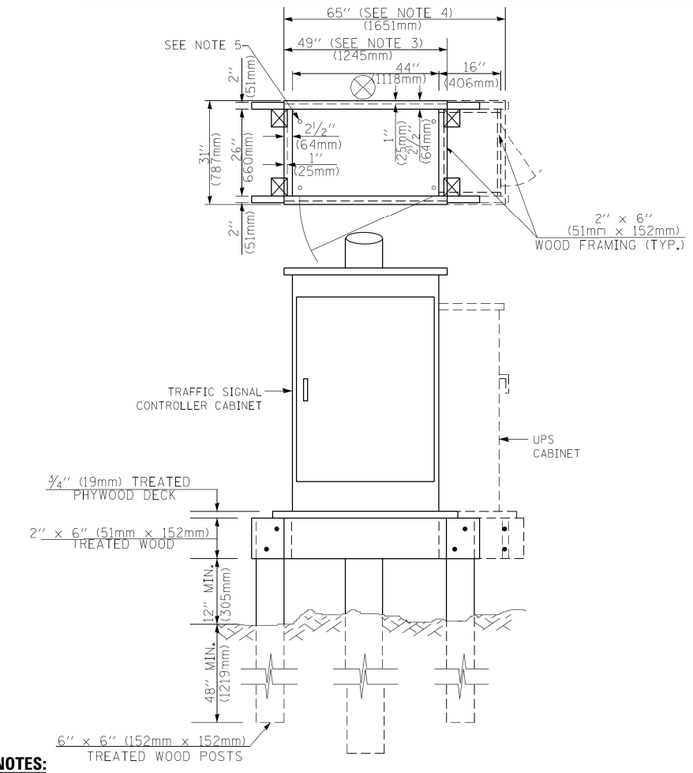

**NOTE:**

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

## TOP VIEW




## TYPE C
## FOR GROUND MOUNTED
## SUPER P (TYPE IV) AND SUPER R (TYPE V)
## CONTROLLER CABINETS




**NOTES:**

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26'' x 44'' (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16'' x 25'' (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

## TEMPORARY SIGNAL CONTROLLER
## WOOD SUPPORT PLATFORM

| CABLE SLACK LENGTH | FEET | METER |
|---|---|---|
| HANDHOLE | 6.5 | 2.0 |
| DOUBLE HANDHOLE | 13.0 | 4.0 |
| SIGNAL POST | 2.0 | 0.6 |
| MAST ARM | 2.0 | 0.6 |
| CONTROLLER CABINET | 1.5 | 0.5 |
| FIBER OPTIC AT CABINET | 13.0 | 4.0 |
| ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION) | 1.5 | 0.5 |
| GROUND CABLE (SIGNAL POST, MAST ARM, CABINET) | 1.5 | 0.5 |
| GROUND CABLE (BETWEEN FRAME AND COVER) | 5.0 | 1.6 |

## CABLE SLACK

| VERTICAL CABLE LENGTH | FEET | METER |
|---|---|---|
| MAST ARM POLE ( MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM) | 20.0+L | 6.0+L |
| BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE) | 13.0 | 4.0 |
| PEDESTRIAN PUSH BUTTON | 6.0 | 2.0 |
| SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP | 13.5 | 4.1 |
| SERVICE INSTALLATION POLE MOUNT TO GROUND | 13.5 | 4.1 |
| SERVICE INSTALLATION GROUND MOUNT | 6.0 | 2.0 |
| FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT) | 3.0 | 1.0 |

## VERTICAL CABLE LENGTH

| FOUNDATION | DEPTH |
|---|---|
| TYPE A - Signal Post | 4'-0'' (1.2m) |
| TYPE C - CONTROLLER W/ UPS | 4'-0'' (1.2m) |
| TYPE D - CONTROLLER | 4'-0'' (1.2m) |
| SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE | 4'-0'' (1.2m) |

## DEPTH OF FOUNDATION

| Mast Arm Length | ① Foundation Depth | Foundation Diameter | Spiral Diameter | Quantity of Rebars | Size of Rebars |
|---|---|---|---|---|---|
| Less than 30' (9.1 m) | 10'-0'' (3.0 m) | 30'' (750mm) | 24'' (600mm) | 8 | 6(19) |
| Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m) | 13'-6'' (4.1 m) | 30'' (750mm) | 24'' (600mm) | 8 | 6(19) |
| | 11'-0'' (3.4 m) | 36'' (900mm) | 30'' (750mm) | 12 | 7(22) |
| Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m) | 13'-0'' (4.0 m) | 36'' (900mm) | 30'' (750mm) | 12 | 7(22) |
| Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m) | 15'-0'' (4.6 m) | 36'' (900mm) | 30'' (750mm) | 12 | 7(22) |
| Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m) | 21'-0'' (6.4 m) | 42'' (1060mm) | 36'' (900mm) | 16 | 8(25) |
| Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m) | 25'-0'' (7.6 m) | 42'' (1060mm) | 36'' (900mm) | 16 | 8(25) |

**NOTES:**

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36'' (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42'' (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

## DEPTH OF MAST ARM FOUNDATIONS, TYPE E

TS SHT NO. 5

| | | | |
|---|---|---|---|
| FILE NAME = c:\pw_work\pwidot\footemj\d0108315\ts05.dgn | USER NAME = footemj | DESIGNED - DAG | REVISED - DAG 1-1-14 |
| | | DRAWN - BCK | REVISED - |
| | PLOT SCALE = 50.0000 '/ in. | CHECKED - DAD | REVISED - |
| | PLOT DATE = 1/13/2014 | DATE - 10-28-09 | REVISED - |

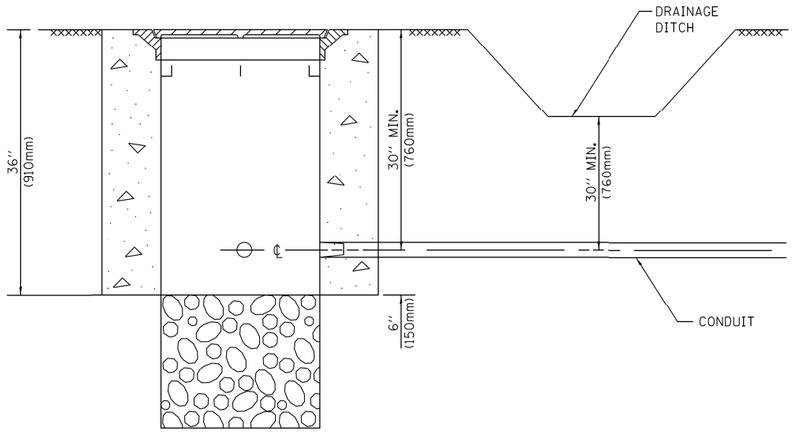
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE | SHEET NO. 5 OF 7 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 187 |
| | TS-05 | CONTRACT NO. 62G37 | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |

ts05.dgn 1/13/2014 12:38:27 PM User:footemj

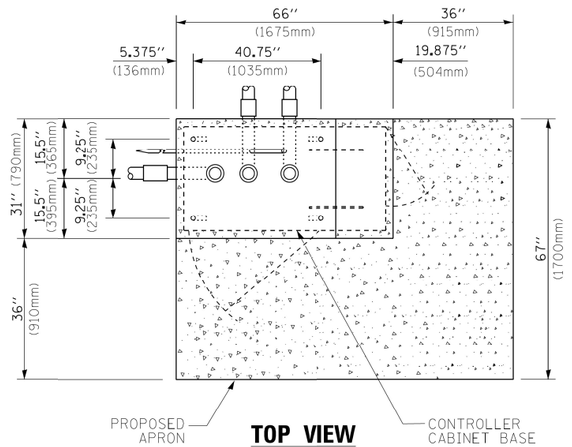



**NOTES:**

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

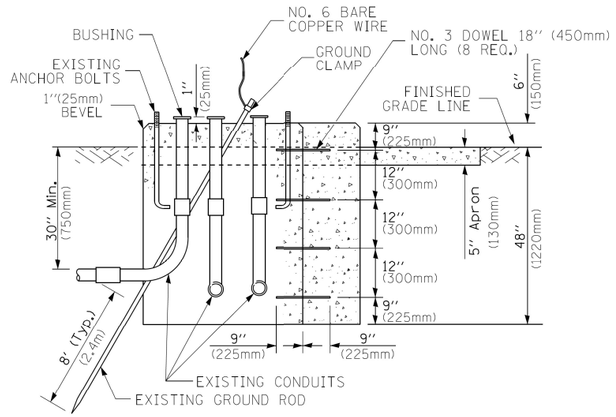
## HANDHOLE WITH MINIMUM CONDUIT DEPTH

**(NOT TO SCALE)**



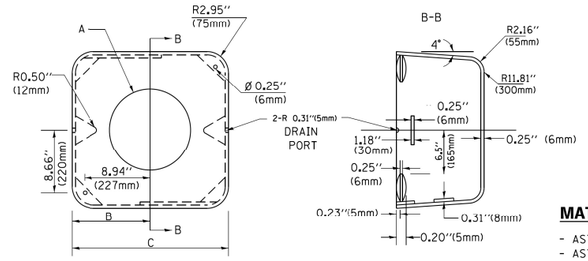

## TOP VIEW

**(NOT TO SCALE)**




## MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

**(NOT TO SCALE)**




**MATERIAL:**

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

| A | B | C | HEIGHT | WEIGHT |
|---|---|---|---|---|
| VARIES | 9.5"(241mm) | 19"(483mm) | 7" (178mm) - 12" (300mm) | 53 lbs (24kg) |
| VARIES | 10.75"(273mm) | 21.5"(546mm) | 7" (178mm) - 12" (300mm) | 68 lbs (31 kg) |
| VARIES | 13.0"(330mm) | 26"(660mm) | 7" (178mm) - 12" (300mm) | 81 lbs (37 kg) |
| VARIES | 18.5"(470mm) | 37"(940mm) | 7" (178mm) - 12" (300mm) | 126 lbs (57 kg) |

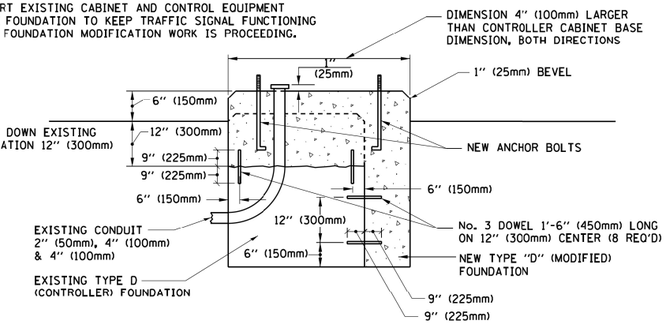
## SHROUD

**NOTES:**

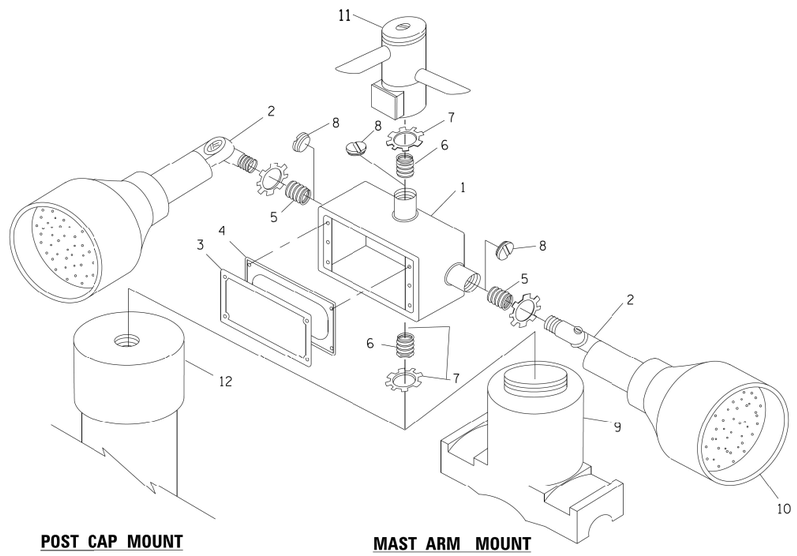
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

**NOTE:**

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.




## MODIFY EXISTING TYPE "D" FOUNDATION



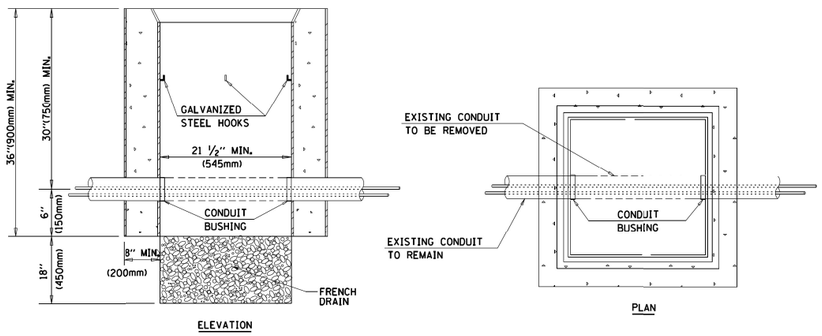

**POST CAP MOUNT** **MAST ARM MOUNT**

| ITEM NO. | IDENTIFICATION |
|---|---|
| 1 | OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M) |
| 2 | LAMP HOLDER AND COVER |
| 3 | OUTLET BOX COVER |
| 4 | RUBBER COVER GASKET |
| 5 | REDUCING BUSHING |
| 6 | ¾"(19 mm) CLOSE NIPPLE |
| 7 | ¾"(19 mm) LOCKNUT |
| 8 | ¾"(19 mm) HOLE PLUG |
| 9 | SADDLE BRACKET - GALV. |
| 10 | 6 WATT PAR 38 LED FLOOD LAMP |
| 11 | DETECTOR UNIT |
| 12 | POST CAP [18 FT. (5.4 m) POST MIN.] |

**NOTES:**

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.

## EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL




**NOTES:**

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

## HANDHOLE TO INTERCEPT EXISTING CONDUIT

TS SHT NO. 6

| | | | |
|---|---|---|---|
| FILE NAME = | USER NAME = footemj | DESIGNED - DAD | REVISED - DAG 1-1-14 |
| c:\pw_work\pwidot\footemj\d0108315\ts05.dgn | | DRAWN - BCK | REVISED - |
| | PLOT SCALE = 50.0000 ' / in. | CHECKED - DAD | REVISED - |
| | PLOT DATE = 1/13/2014 | DATE - 10-28-09 | REVISED - |

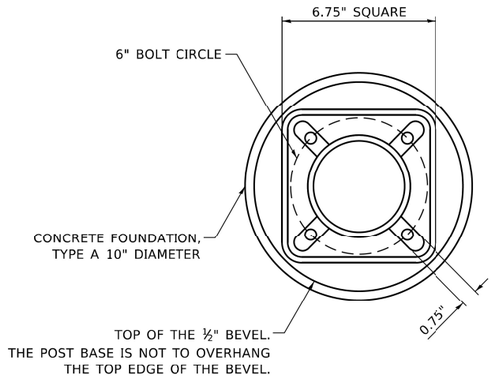
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE | SHEET NO. 6 OF 7 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 188 |
| | TS-05 | CONTRACT NO. 62G37 | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |

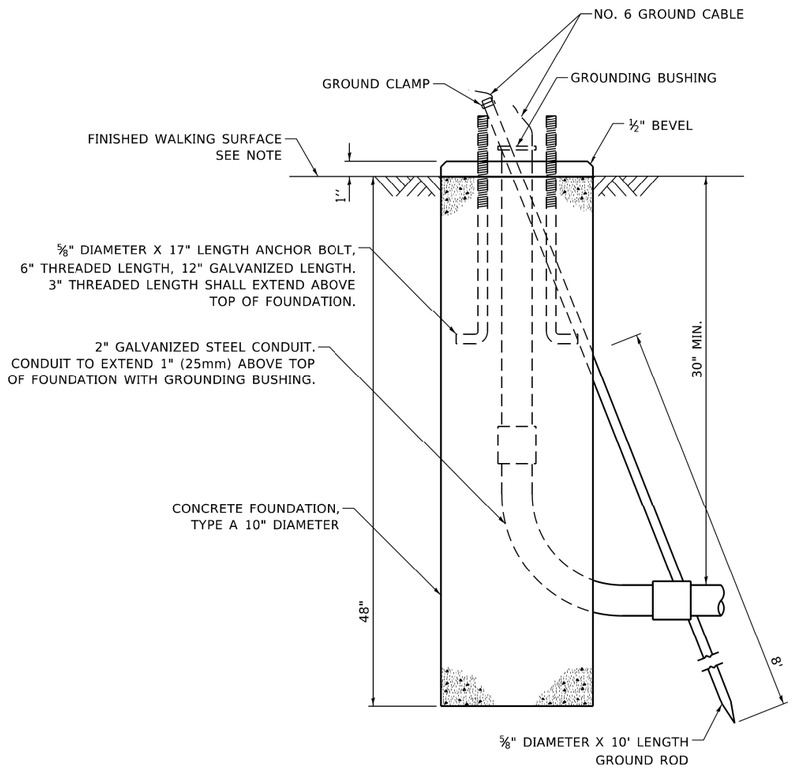
ts05.dgn 1/13/2014 1:20:19 PM User:footemj



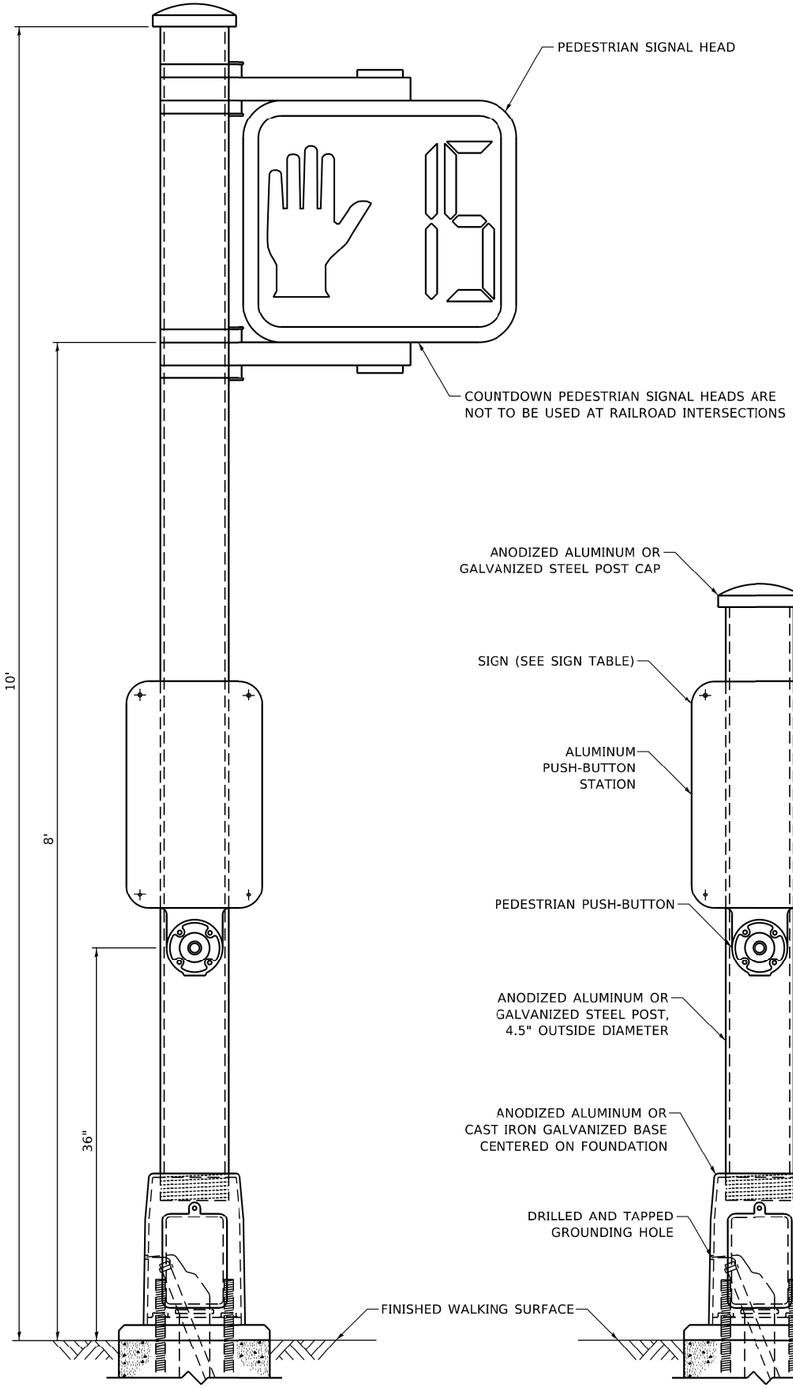

## BOLT PATTERN

NOTE:

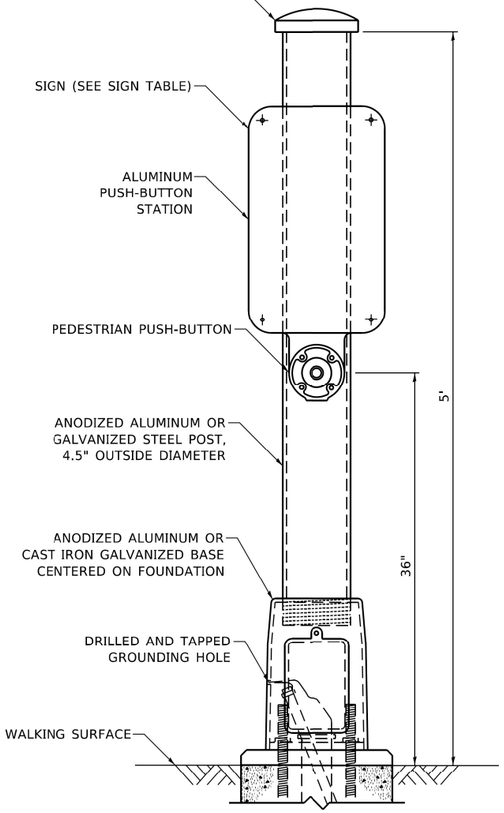
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.




## CONCRETE FOUNDATION, TYPE A 10–INCH DIAMETER



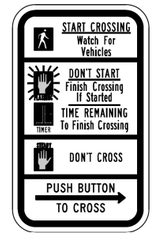

## PEDESTRIAN SIGNAL POST, 10 FT.




## PEDESTRIAN SIGNAL POST, 5 FT.

R10-3b

R10-3d




R10-3e

## SIGN TABLE

| SIGN | DIMENSIONS |
|---|---|
| R10-3b (RAILROAD ONLY) | 9" X 12" |
| R10-3d (RAILROAD ONLY) | 9" X 12" |
| R10-3e | 9" X 15" |

NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

TS SHT NO. 7

MODEL: Default
FILE NAME: S:\IP\Design\Iovan\10 Other\PedestrianPost\PedestrianSignalPost.dgn

| | | |
|---|---|---|
| USER NAME = plascencial | DESIGNED - IP | REVISED - |
| | DRAWN - IP | REVISED - |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - LP | REVISED - |
| PLOT DATE = 10/30/2018 | DATE - 10/15/2018 | REVISED - |

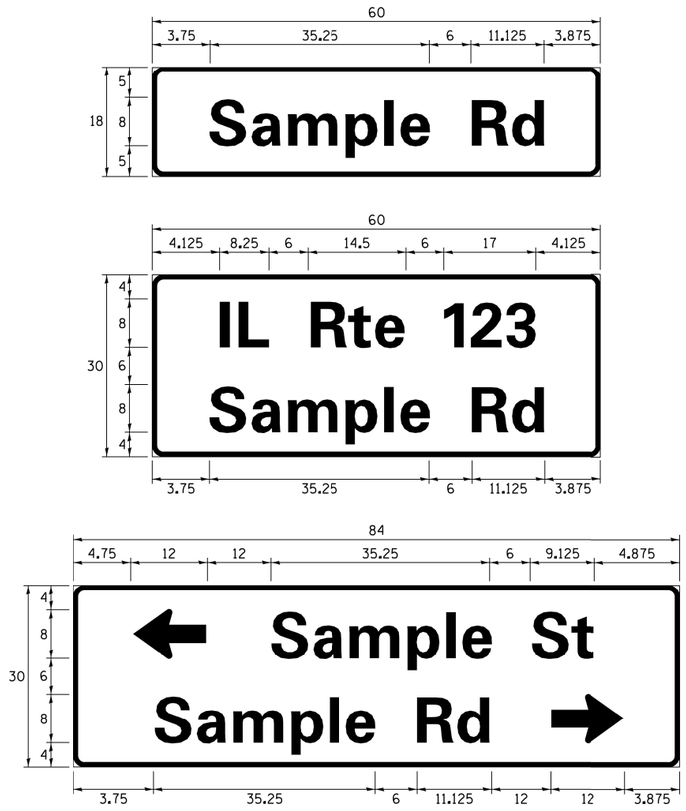
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NTS | SHEET NO. 7 OF 7 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 189 |
| | TS–05 | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## SIGN PANEL – TYPE 1 OR TYPE 2




| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D OR C | - | 1 OR 2 | ZZ | - |

## COMMON STREET NAME ABBREVIATIONS AND WIDTHS

| NAME | ABBREVATION | WIDTH (INCH) | |
|---|---|---|---|
| | | SERIES "C" | SERIES "D" |
| AVENUE | Ave | 15.000 | 18.250 |
| BOULEVARD | Blvd | 17.125 | 20.000 |
| CIRCLE | Cir | 11.125 | 13.000 |
| COURT | Ct | 8.250 | 9.625 |
| DRIVE | Dr | 8.625 | 10.125 |
| HIGHWAY | Hwy | 18.375 | 22.000 |
| ILLINOIS | IL | 7.000 | 8.250 |
| LANE | Ln | 9.125 | 10.750 |
| PARKWAY | Pkwy | 23.375 | 27.375 |
| PLACE | Pl | 7.125 | 7.750 |
| ROAD | Rd | 9.625 | 11.125 |
| ROUTE | Rte | 12.625 | 14.500 |
| STREET | St | 8.000 | 9.125 |
| TERRACE | Ter | 12.625 | 14.625 |
| TRAIL | Tr | 7.750 | 9.125 |
| UNITED STATES | US | 10.375 | 12.250 |

## GENERAL NOTES

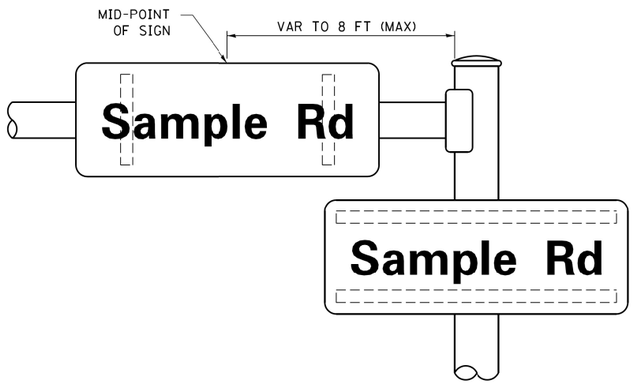
1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS SHALL BE 3/4" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
4. A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUX OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8"-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THERE IS SPACE AVAILABLE.
5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

| LOCAL SUPPLIERS: | PARTS LISTING: | |
|---|---|---|
| - J.O. HERBERT COMPANY, INC MIDLOTHIAN, VA | SIGN CHANNEL | PART #HPN053 (MED. CHANNEL) |
| | SIGN SCREWS | 1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER |
| - WESTERN REMAC, INC. WOODRIDGE, IL | BRACKETS | PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING |

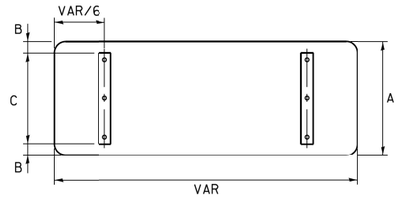
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

## MOUNTING LOCATION

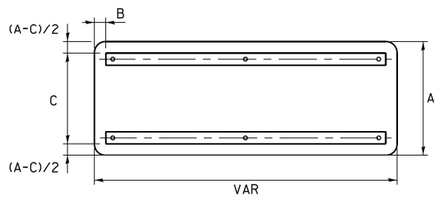
ARM OR POLE MOUNTED




## SUPPORTING CHANNELS




| A | B | C |
|---|---|---|
| 18" | 2" | 14" |
| 30" | 2" | 24" |




| A | B | C |
|---|---|---|
| 18" | 2" | 12" |
| 30" | 2" | 22" |

## STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

| FHWA SERIES "C" | | | | FHWA SERIES "D" | | | |
|---|---|---|---|---|---|---|---|
| CHARACTER | LEFT SPACING (INCH) | WIDTH (INCH) | RIGHT SPACING (INCH) | CHARACTER | LEFT SPACING (INCH) | WIDTH (INCH) | RIGHT SPACING (INCH) |
| A | 0.240 | 5.122 | 0.240 | A | 0.240 | 6.804 | 0.240 |
| B | 0.880 | 4.482 | 0.480 | B | 0.960 | 5.446 | 0.400 |
| C | 0.720 | 4.482 | 0.720 | C | 0.800 | 5.446 | 0.800 |
| D | 0.880 | 4.482 | 0.720 | D | 0.960 | 5.446 | 0.800 |
| E | 0.880 | 4.082 | 0.480 | E | 0.960 | 4.962 | 0.400 |
| F | 0.880 | 4.082 | 0.240 | F | 0.960 | 4.962 | 0.240 |
| G | 0.720 | 4.482 | 0.720 | G | 0.800 | 5.446 | 0.800 |
| H | 0.880 | 4.482 | 0.880 | H | 0.960 | 5.446 | 0.960 |
| I | 0.880 | 1.120 | 0.880 | I | 0.960 | 1.280 | 0.960 |
| J | 0.240 | 4.082 | 0.880 | J | 0.240 | 5.122 | 0.960 |
| K | 0.880 | 4.482 | 0.480 | K | 0.960 | 5.604 | 0.400 |
| L | 0.880 | 4.082 | 0.240 | L | 0.960 | 4.962 | 0.240 |
| M | 0.880 | 5.284 | 0.880 | M | 0.960 | 6.244 | 0.960 |
| N | 0.880 | 4.482 | 0.880 | N | 0.960 | 5.446 | 0.960 |
| O | 0.720 | 4.722 | 0.720 | O | 0.800 | 5.684 | 0.800 |
| P | 0.880 | 4.482 | 0.720 | P | 0.960 | 5.446 | 0.240 |
| Q | 0.720 | 4.722 | 0.720 | Q | 0.800 | 5.684 | 0.800 |
| R | 0.880 | 4.482 | 0.480 | R | 0.960 | 5.446 | 0.400 |
| S | 0.480 | 4.482 | 0.480 | S | 0.400 | 5.446 | 0.400 |
| T | 0.240 | 4.082 | 0.240 | T | 0.240 | 4.962 | 0.240 |
| U | 0.880 | 4.482 | 0.880 | U | 0.960 | 5.446 | 0.960 |
| V | 0.240 | 4.962 | 0.240 | V | 0.240 | 6.084 | 0.240 |
| W | 0.240 | 6.084 | 0.240 | W | 0.240 | 7.124 | 0.240 |
| X | 0.240 | 4.722 | 0.240 | X | 0.400 | 5.446 | 0.400 |
| Y | 0.240 | 5.122 | 0.240 | Y | 0.240 | 6.884 | 0.240 |
| Z | 0.480 | 4.482 | 0.480 | Z | 0.400 | 5.446 | 0.400 |
| a | 0.320 | 3.842 | 0.640 | a | 0.400 | 4.562 | 0.720 |
| b | 0.720 | 4.082 | 0.480 | b | 0.800 | 4.802 | 0.480 |
| c | 0.480 | 4.002 | 0.240 | c | 0.480 | 4.722 | 0.240 |
| d | 0.480 | 4.082 | 0.720 | d | 0.480 | 4.802 | 0.800 |
| e | 0.480 | 4.082 | 0.320 | e | 0.480 | 4.722 | 0.320 |
| f | 0.320 | 2.480 | 0.160 | f | 0.320 | 2.882 | 0.160 |
| g | 0.480 | 4.082 | 0.720 | g | 0.480 | 4.802 | 0.800 |
| h | 0.720 | 4.082 | 0.640 | h | 0.800 | 4.722 | 0.720 |
| i | 0.720 | 1.120 | 0.720 | i | 0.800 | 1.280 | 0.800 |
| j | 0.000 | 2.320 | 0.720 | j | 0.000 | 2.642 | 0.800 |
| k | 0.720 | 4.322 | 0.160 | k | 0.800 | 5.122 | 0.160 |
| l | 0.720 | 1.120 | 0.720 | l | 0.800 | 1.280 | 0.800 |
| m | 0.720 | 6.724 | 0.640 | m | 0.800 | 7.926 | 0.720 |
| n | 0.720 | 4.082 | 0.640 | n | 0.800 | 4.722 | 0.720 |
| o | 0.480 | 4.082 | 0.480 | o | 0.480 | 4.882 | 0.480 |
| p | 0.720 | 4.082 | 0.480 | p | 0.800 | 4.802 | 0.480 |
| q | 0.480 | 4.082 | 0.720 | q | 0.480 | 4.802 | 0.800 |
| r | 0.720 | 2.642 | 0.160 | r | 0.800 | 3.042 | 0.160 |
| s | 0.320 | 3.362 | 0.240 | s | 0.320 | 3.762 | 0.240 |
| t | 0.080 | 2.882 | 0.080 | t | 0.080 | 3.202 | 0.080 |
| u | 0.640 | 4.082 | 0.720 | u | 0.720 | 4.722 | 0.800 |
| v | 0.160 | 4.722 | 0.160 | v | 0.160 | 5.684 | 0.160 |
| w | 0.160 | 7.524 | 0.160 | w | 0.160 | 9.046 | 0.160 |
| x | 0.000 | 5.202 | 0.000 | x | 0.000 | 6.244 | 0.000 |
| y | 0.160 | 4.962 | 0.160 | y | 0.160 | 6.004 | 0.160 |
| z | 0.240 | 3.362 | 0.240 | z | 0.240 | 4.002 | 0.240 |
| 1 | 0.720 | 1.680 | 0.880 | 1 | 0.800 | 2.000 | 0.960 |
| 2 | 0.480 | 4.482 | 0.480 | 2 | 0.800 | 5.446 | 0.800 |
| 3 | 0.480 | 4.482 | 0.480 | 3 | 1.440 | 5.446 | 0.800 |
| 4 | 0.240 | 4.962 | 0.720 | 4 | 0.160 | 6.004 | 0.960 |
| 5 | 0.480 | 4.482 | 0.480 | 5 | 0.800 | 5.446 | 0.800 |
| 6 | 0.720 | 4.482 | 0.720 | 6 | 0.800 | 5.446 | 0.800 |
| 7 | 0.240 | 4.482 | 0.720 | 7 | 0.560 | 5.446 | 0.560 |
| 8 | 0.480 | 4.482 | 0.480 | 8 | 0.800 | 5.446 | 0.800 |
| 9 | 0.480 | 4.482 | 0.480 | 9 | 0.800 | 5.446 | 0.800 |
| 0 | 0.720 | 4.722 | 0.720 | 0 | 0.800 | 5.684 | 0.800 |
| - | 0.240 | 2.802 | 0.240 | - | 0.240 | 2.802 | 0.240 |
| | | | | | | | |

TS SHT NO. 8

| | | | | |
|---|---|---|---|---|
| FILE NAME = S:\WP\Design\Manuals and Reference Materials\CADD\Details\ts02.dgn | USER NAME = pociechal | DESIGNED - LP/IP | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | PLOT SCALE = 50.0000 ' / in. | DRAWN - LP | REVISED - | |
| Default | PLOT DATE = 9/22/2014 | CHECKED - IP | REVISED - | |
| | | DATE - 10/01/2014 | REVISED - | |

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: | SHEET | OF | SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 190 |
| | TS-02 | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

ts02.dgn 9/22/2014, 12:32:06 PM, User:pociechal

## REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

| | | |
|---|---|---|
| 4 | EACH | STEEL MAST ARM ASSEMBLY AND POST |
| 3 | EACH | TRAFFIC SIGNAL POST |
| 8 | EACH | 3-SECTION SIGNAL HEAD |
| 8 | EACH | 5-SECTION SIGNAL HEAD |
| 6 | EACH | PEDESTRIAN SIGNAL HEAD |
| 4 | EACH | PEDESTRIAN PUSH-BUTTON |
| 1 | EACH | SERVICE INSTALLATION |
| 8 | EACH | TRAFFIC SIGNAL BACKPLATE |

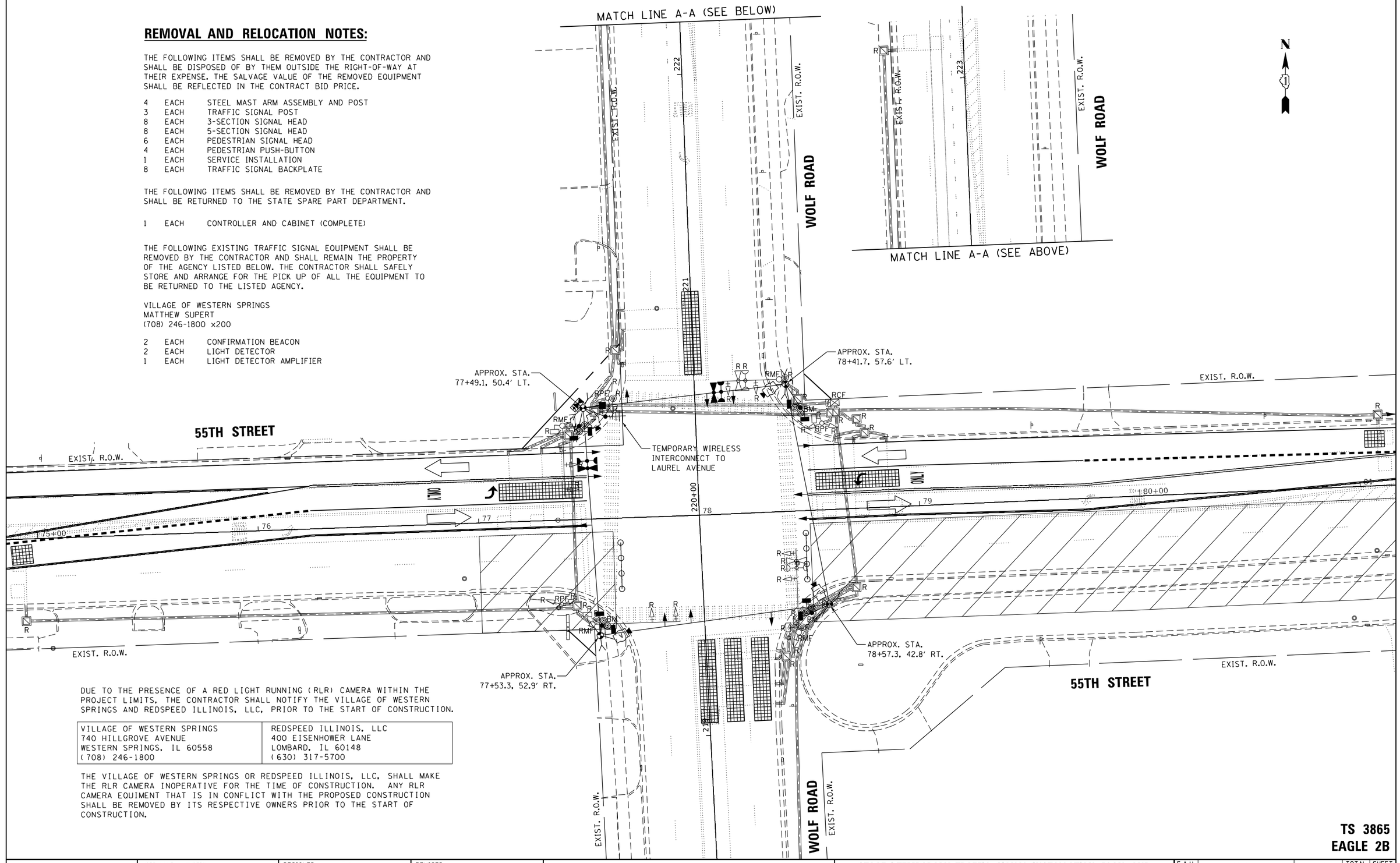
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE RETURNED TO THE STATE SPARE PART DEPARTMENT.

| | | |
|---|---|---|
| 1 | EACH | CONTROLLER AND CABINET (COMPLETE) |

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

VILLAGE OF WESTERN SPRINGS
MATTHEW SUPERT
(708) 246-1800 x200

| | | |
|---|---|---|
| 2 | EACH | CONFIRMATION BEACON |
| 2 | EACH | LIGHT DETECTOR |
| 1 | EACH | LIGHT DETECTOR AMPLIFIER |




DUE TO THE PRESENCE OF A RED LIGHT RUNNING (RLR) CAMERA WITHIN THE PROJECT LIMITS, THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF WESTERN SPRINGS AND REDSPEED ILLINOIS, LLC, PRIOR TO THE START OF CONSTRUCTION.

| | |
|---|---|
| VILLAGE OF WESTERN SPRINGS<br>740 HILLGROVE AVENUE<br>WESTERN SPRINGS, IL 60558<br>(708) 246-1800 | REDSPEED ILLINOIS, LLC<br>400 EISENHOWER LANE<br>LOMBARD, IL 60148<br>(630) 317-5700 |

THE VILLAGE OF WESTERN SPRINGS OR REDSPEED ILLINOIS, LLC, SHALL MAKE THE RLR CAMERA INOPERATIVE FOR THE TIME OF CONSTRUCTION. ANY RLR CAMERA EQUIMENT THAT IS IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY ITS RESPECTIVE OWNERS PRIOR TO THE START OF CONSTRUCTION.

TS SHT NO. 9

TS 3865
EAGLE 2B


AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

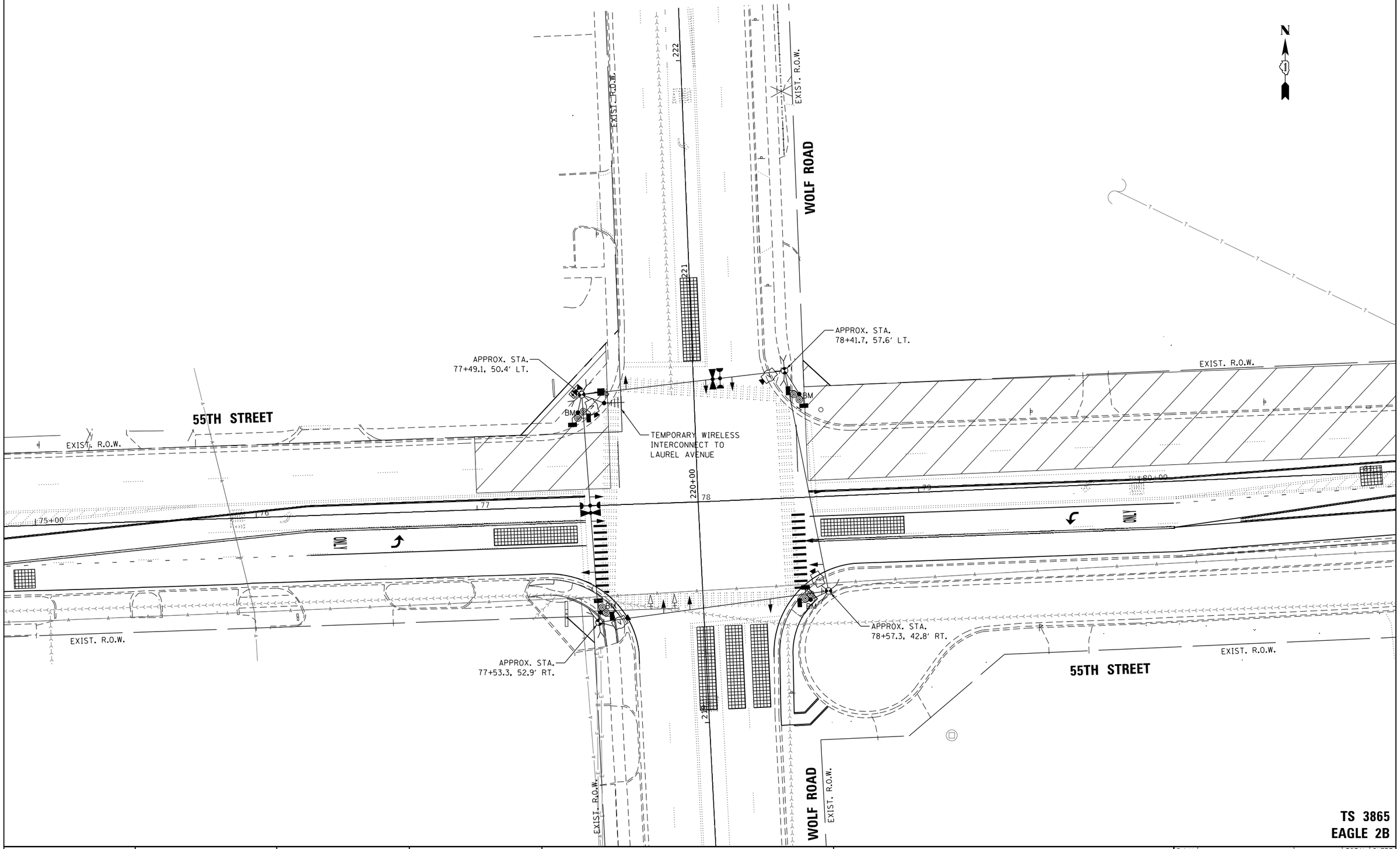

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE I TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN**
**55TH STREET AND WOLF ROAD**

SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 191 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




TS SHT NO. 10

**TS 3865**
**EAGLE 2B**

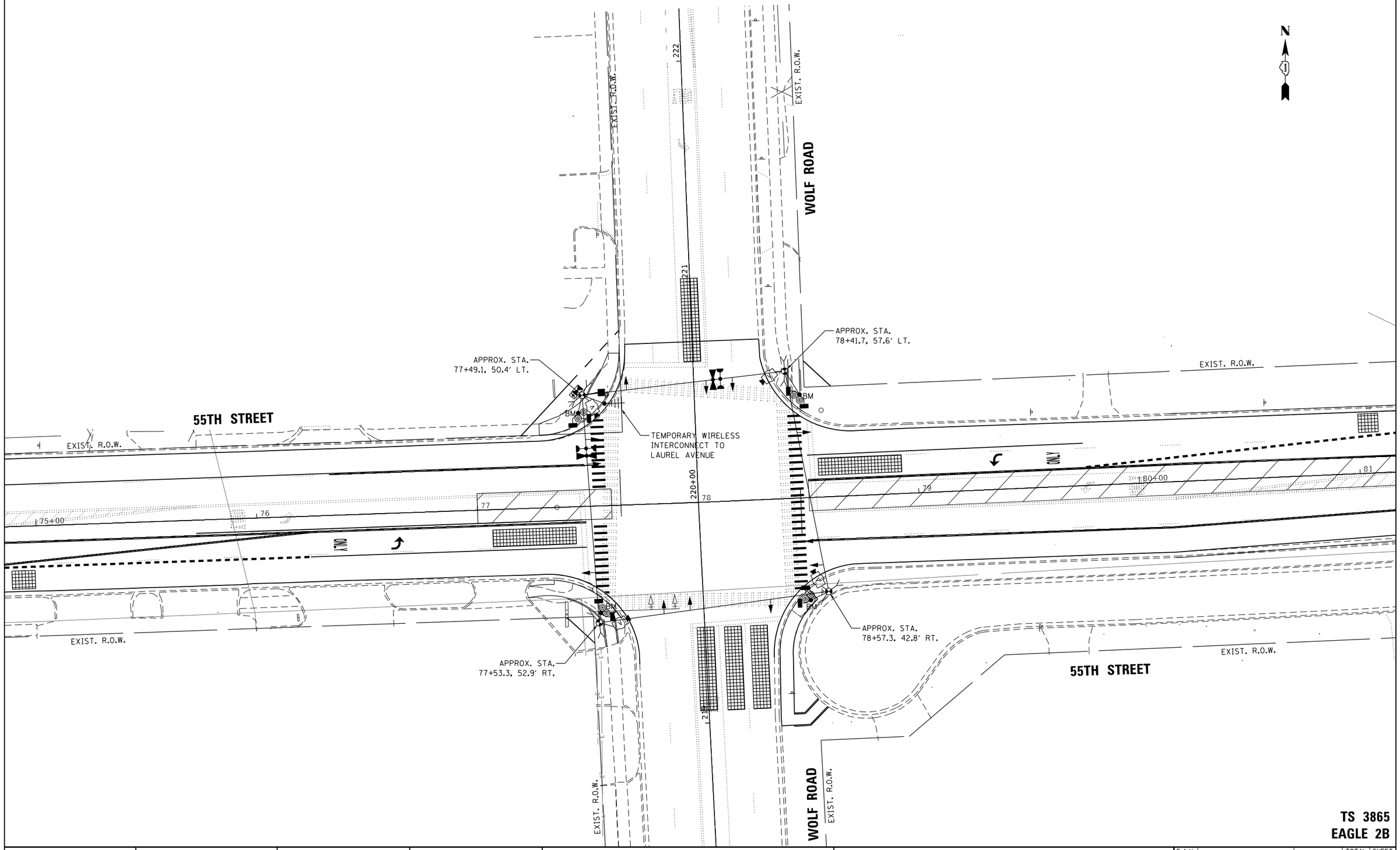
| | | | |
|---|---|---|---|
| **AMES Engineering, Inc.**<br>CONSULTING ENGINEERS<br>6330 Belmont Road, Suite 4B<br>Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE II TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**
**55TH STREET AND WOLF ROAD**

SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 192 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




TS SHT NO. 11

TS 3865
EAGLE 2B

| | | | |
|---|---|---|---|
| AMES Engineering, Inc.<br>CONSULTING ENGINEERS<br>6330 Belmont Road, Suite 4B<br>Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

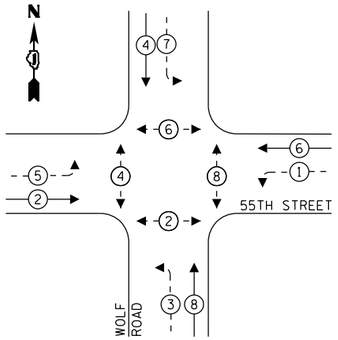
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE III TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**
**55TH STREET AND WOLF ROAD**

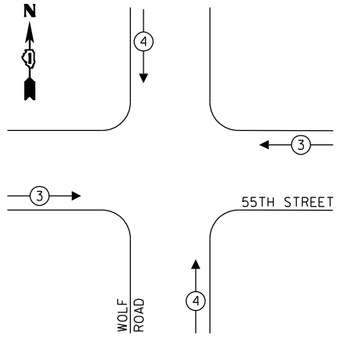
SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 193 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## STAGES I, II & III
## PROPOSED CONTROLLER SEQUENCE

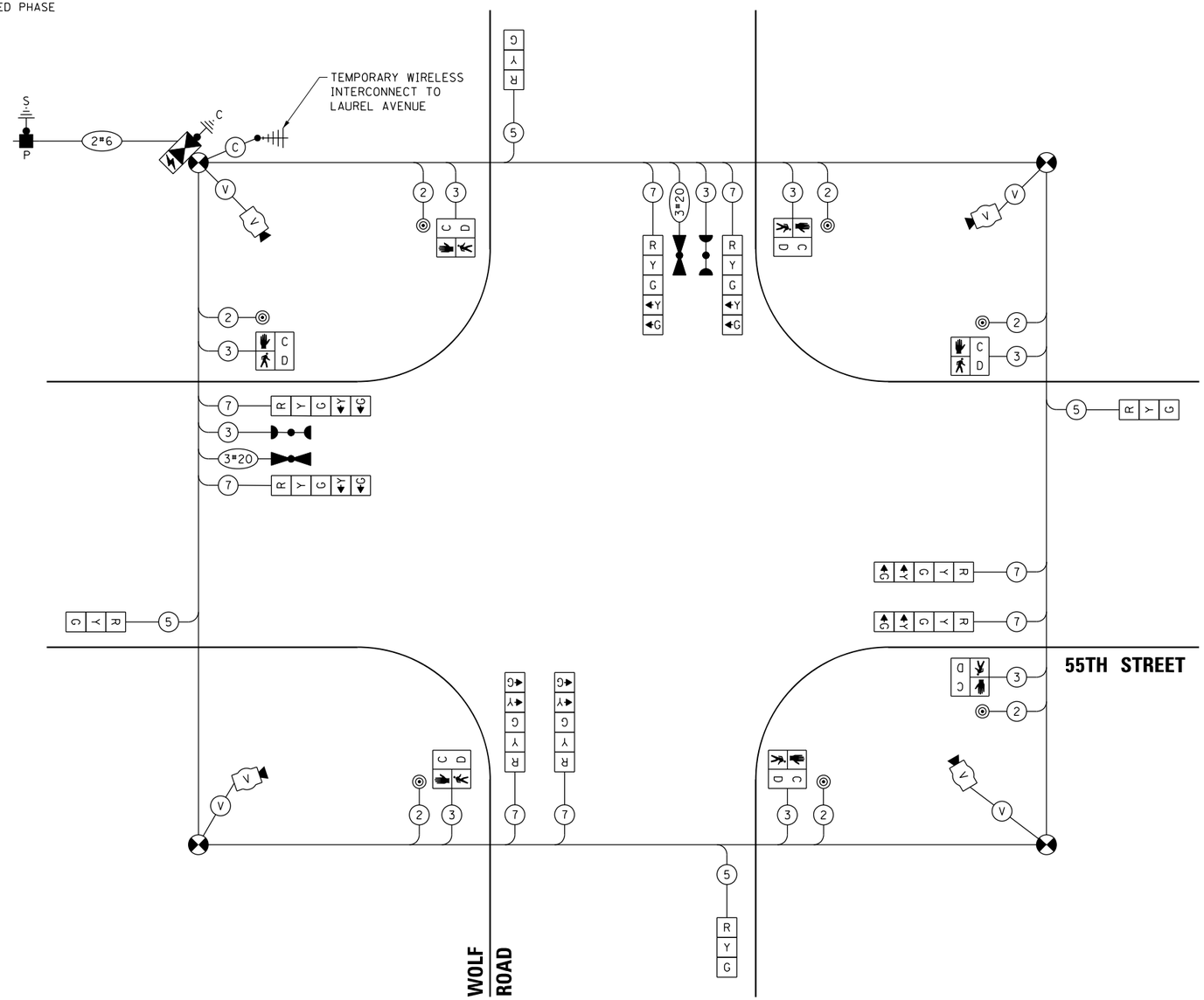



## STAGES I, II & III
## PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE




## LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP




## TEMPORARY CABLE PLAN
(NOT TO SCALE)

## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| SIGNAL (RED) | 12 | 11 | 50 | 66.0 |
| (YELLOW) | 12 | 20 | 5 | 12.0 |
| (GREEN) | 12 | 12 | 45 | 64.8 |
| PERMISSIVE ARROW | 16 | 10 | 10 | 16.0 |
| PED. SIGNAL | 8 | 20 | 100 | 160.0 |
| CONTROLLER | 1 | 100 | 100 | 100.0 |
| UPS | 1 | 25 | 100 | 25.0 |
| VIDEO SYSTEM | 1 | 150 | 100 | 150.0 |
| BLANK-OUT SIGN | - | 25 | 5 | - |
| FLASHER | - | - | 50 | - |
| STREET NAME SIGN | - | 120 | 50 | - |
| LUMINAIRE | - | - | - | - |
| | | | TOTAL = | 593.8 |

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60195

ENERGY SUPPLY: CONTACT: MARSHA CAMPBELL
PHONE: (630) 985-0569
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 1443035122

TS SHT NO. 12

TS 3865
EAGLE 2B


AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

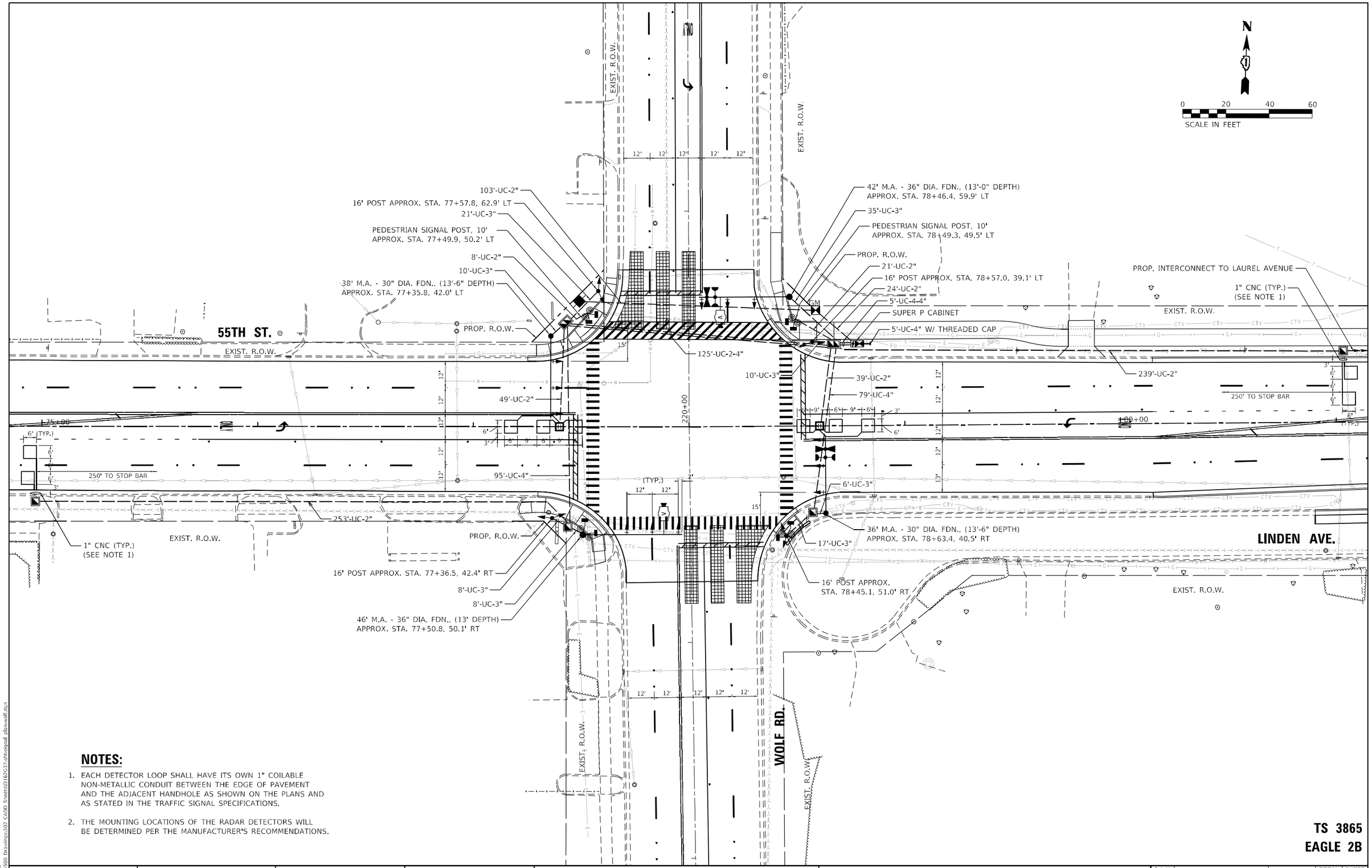

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGES I, II, & III TEMP. CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**
**55TH STREET AND WOLF ROAD**

SCALE: N.T.S. | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 194 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




## NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

2. THE MOUNTING LOCATIONS OF THE RADAR DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

**TS 3865**
**EAGLE 2B**

**TS SHT NO. 13**

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\62G37-sht-signal plan-wolf.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - JRD | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

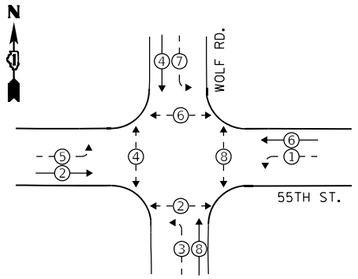
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN**
**55TH STREET AT WOLF ROAD**

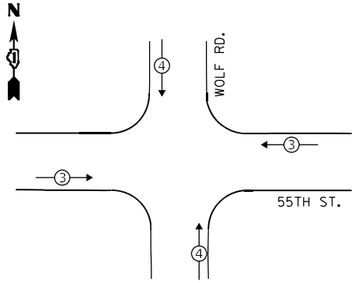
SCALE: 1" = 20' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 195 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## PROPOSED CONTROLLER SEQUENCE

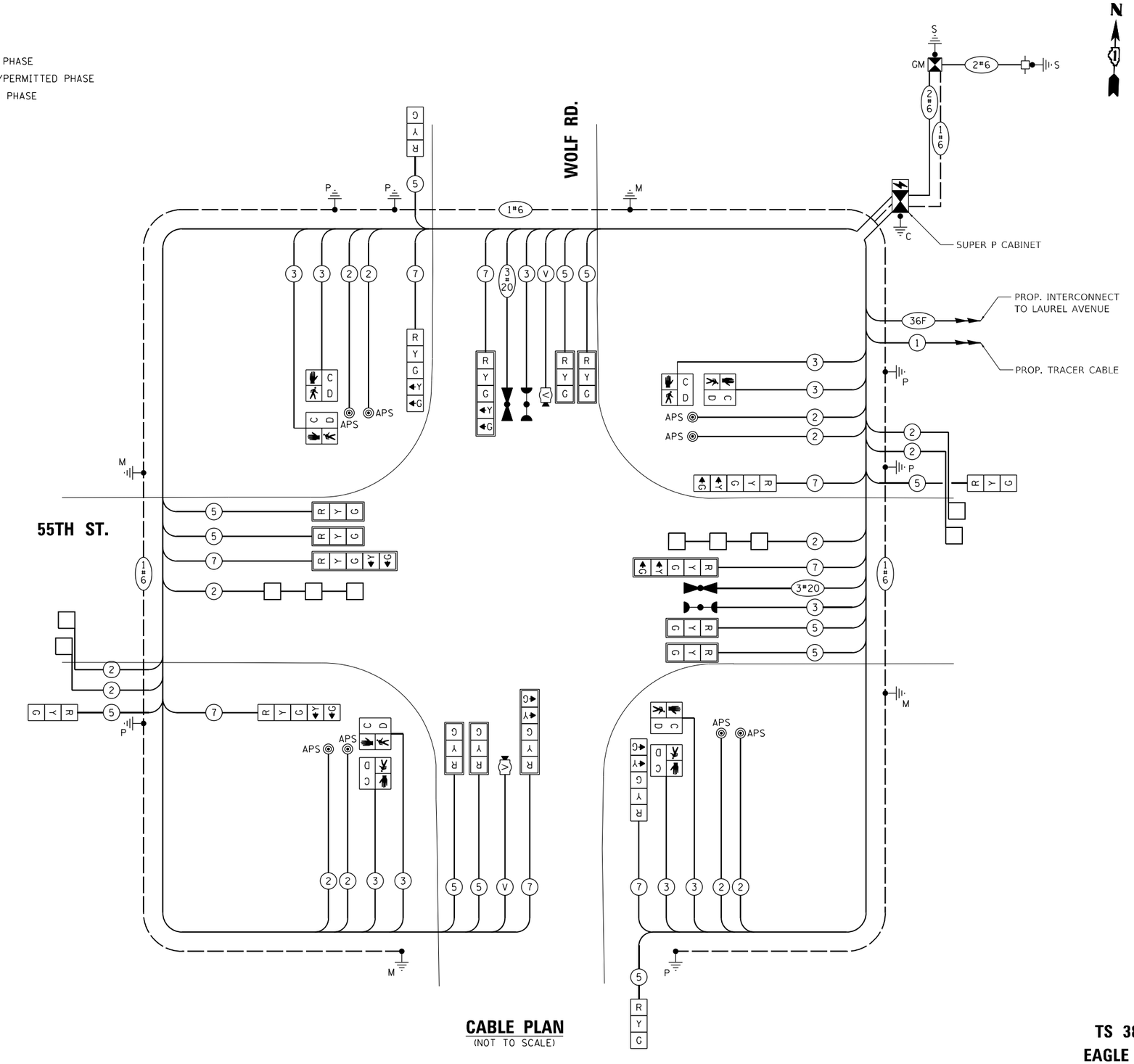



## PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE




**LEGEND:**

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP




**CABLE PLAN**
(NOT TO SCALE)

## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| SIGNAL (RED) | 20 | 11 | 50 | 110.0 |
| (YELLOW) | 20 | 20 | 5 | 20.0 |
| (GREEN) | 20 | 12 | 45 | 108.0 |
| PERMISSIVE ARROW | 16 | 10 | 10 | 16.0 |
| PED. SIGNAL | 8 | 20 | 100 | 160.0 |
| CONTROLLER | 1 | 100 | 100 | 100.0 |
| UPS | 1 | 25 | 100 | 25.0 |
| VIDEO SYSTEM | - | 150 | 100 | - |
| BLANK-OUT SIGN | - | 25 | 5 | - |
| FLASHER | - | - | 50 | - |
| STREET NAME SIGN | - | 120 | 50 | - |
| LUMINAIRE | - | - | - | - |
| | | | TOTAL = | 539.0 |

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY / DISTRICT 1
201 WEST CENTER COURT / SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: MARSHA CAMPBELL
PHONE: (630) 985-0569
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 1443035122

**TS SHT NO. 14**

**TS 3865**
**EAGLE 2B**

MODEL: Default
FILE NAME: X:\560 Drawings\302 C&DD Sheets\D162G37-tht-signal cable dtn-wolf.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowmanva.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JRD | REVISED - | |
| | DRAWN - JRD | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

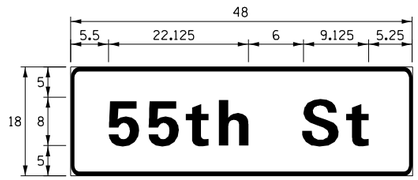
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**
**55TH STREET AND WOLF ROAD**

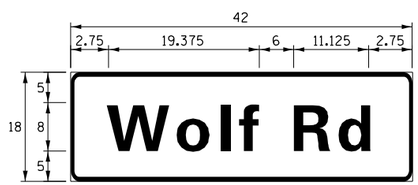
SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 196 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## SIGN PANEL - TYPE 1 OR TYPE 2




| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D | 6.0 | 1 | ZZ | 2 |




| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D | 5.25 | 1 | ZZ | 2 |

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

## SCHEDULE OF QUANTITIES

| | ITEM DESCRIPTION | UNITS | TOTAL QTY. |
|---|---|---|---|
| | SIGN PANEL - TYPE 1 | SQ FT | 23 |
| | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 736 |
| | UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 115 |
| | UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 449 |
| | HANDHOLE | EACH | 4 |
| | HEAVY-DUTY HANDHOLE | EACH | 2 |
| | DOUBLE HANDHOLE | EACH | 2 |
| | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 1,302 |
| | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1,642 |
| | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 2,283 |
| | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 1,548 |
| | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 1,863 |
| | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C | FOOT | 147 |
| | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 803 |
| | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 4 |
| | PEDESTRIAN SIGNAL POST, 10 FT. | EACH | 2 |
| | STEEL MAST ARM ASSEMBLY AND POLE, 36 FT. | EACH | 1 |
| | STEEL MAST ARM ASSEMBLY AND POLE, 38 FT. | EACH | 1 |
| | STEEL MAST ARM ASSEMBLY AND POLE, 42 FT. | EACH | 1 |
| | STEEL MAST ARM ASSEMBLY AND POLE, 46 FT. | EACH | 1 |
| | CONCRETE FOUNDATION, TYPE A | FOOT | 16 |
| | CONCRETE FOUNDATION, TYPE C | FOOT | 4 |
| | CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 27.0 |
| | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 26.0 |
| | CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER | FOOT | 8 |
| | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 8 |
| | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 4 |
| | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 4 |
| | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 4 |
| | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 8 |
| | TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 12 |
| | INDUCTIVE LOOP DETECTOR | EACH | 6 |
| | DETECTOR LOOP, TYPE I | FOOT | 330 |
| + | LIGHT DETECTOR | EACH | 2 |
| * | LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| | REMOVE EXISTING HANDHOLE | EACH | 12 |
| | REMOVE EXISTING DOUBLE HANDHOLE | EACH | 1 |
| | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 8 |
| * | EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C | FOOT | 276 |
| | FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL) | EACH | 1 |
| | SERVICE INSTALLATION, GROUND MOUNTED, METERED | EACH | 1 |
| | VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH | EACH | 2 |
| | UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 |
| | ACCESSIBLE PEDESTRIAN SIGNALS | EACH | 8 |
| * | TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 1 |

+ 100% COST TO THE PLEASANTVIEW FIRE PROTECTION DISTRICT

**TS SHT NO. 15**

**TS 3865**

**EAGLE 2B**

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-signal schedule-wolf.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JD | REVISED - |
| | DRAWN - JD | REVISED - |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES**
**55TH STREET AND WOLF ROAD**

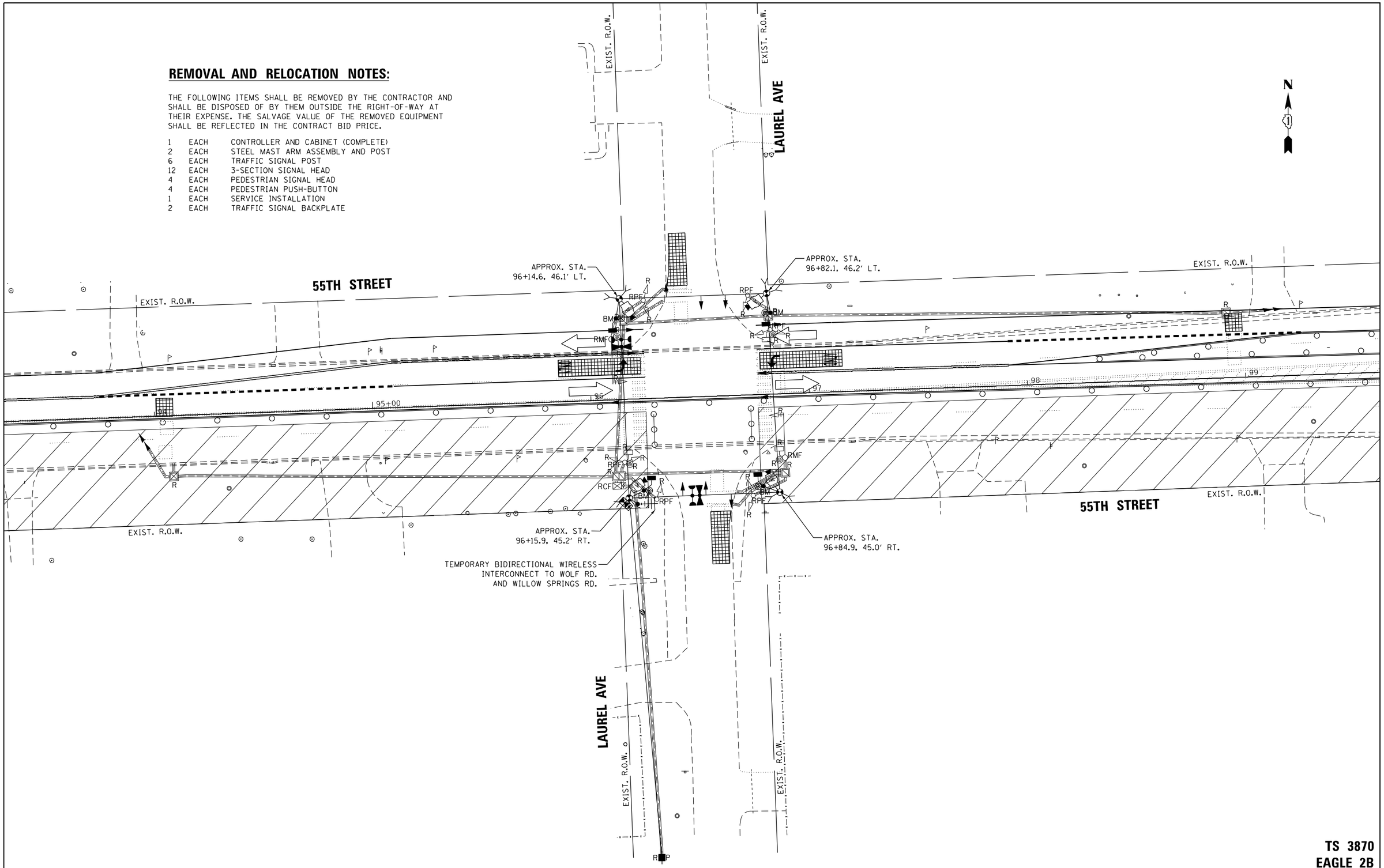
SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 197 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

| | | |
|---|---|---|
| 1 | EACH | CONTROLLER AND CABINET (COMPLETE) |
| 2 | EACH | STEEL MAST ARM ASSEMBLY AND POST |
| 6 | EACH | TRAFFIC SIGNAL POST |
| 12 | EACH | 3-SECTION SIGNAL HEAD |
| 4 | EACH | PEDESTRIAN SIGNAL HEAD |
| 4 | EACH | PEDESTRIAN PUSH-BUTTON |
| 1 | EACH | SERVICE INSTALLATION |
| 2 | EACH | TRAFFIC SIGNAL BACKPLATE |




TS SHT NO. 16

TS 3870
EAGLE 2B

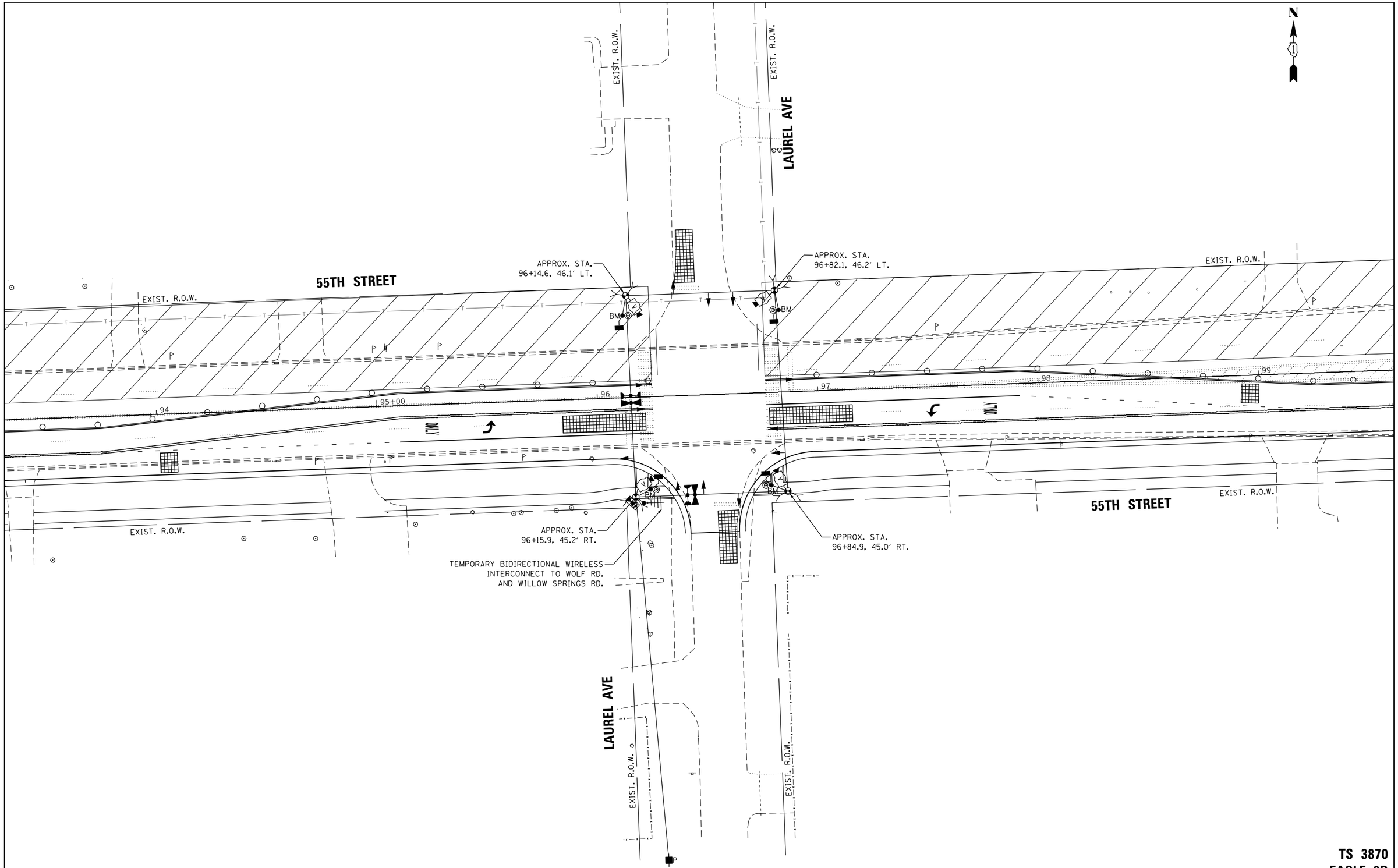
| | | | |
|---|---|---|---|
| AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE I TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN**
**55TH STREET AND LAUREL AVE**

SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 198 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




TS SHT NO. 17

**TS 3870**
**EAGLE 2B**


**AMES Engineering, Inc.**
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

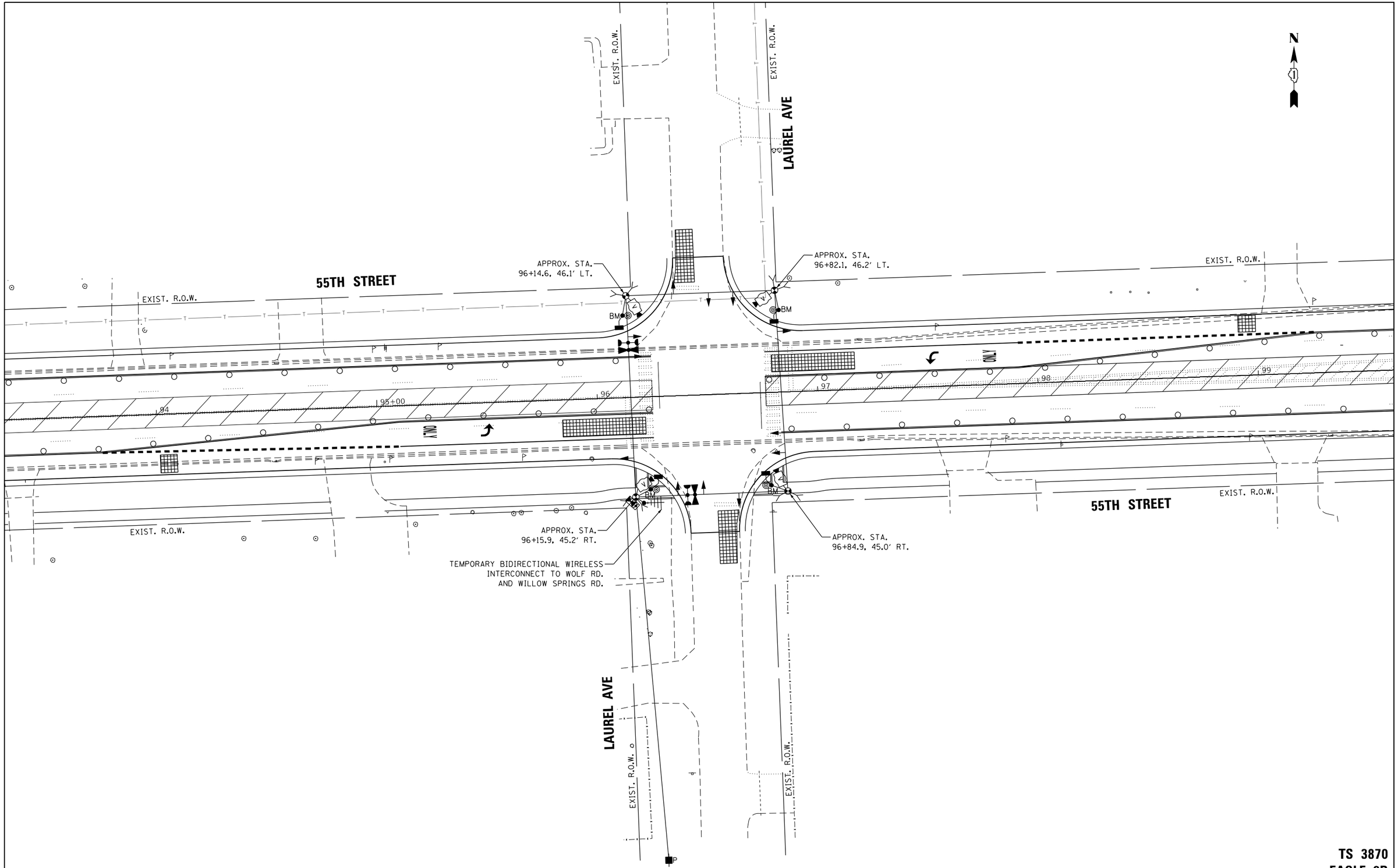

| | | | |
|---|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - | |
| | DRAWN - TM | REVISED - | |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - | |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE II TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**
**55TH STREET AND LAUREL AVE**

SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 199 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




TS SHT NO. 18

**TS 3870**
**EAGLE 2B**

| | | | |
|---|---|---|---|
| **AMES Engineering, Inc.**<br>CONSULTING ENGINEERS<br>6330 Belmont Road, Suite 4B<br>Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

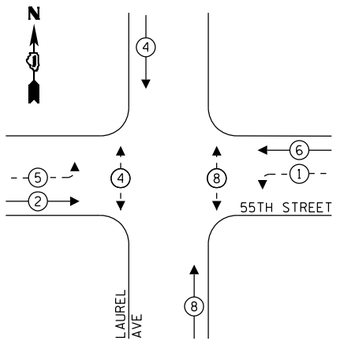
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE III TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**
**55TH STREET AND LAUREL AVE**

SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 200 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

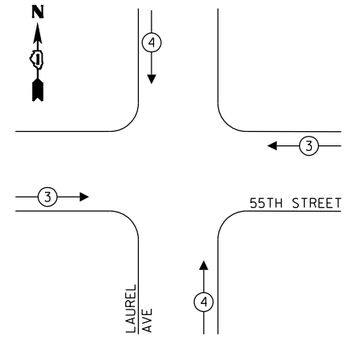
## STAGES I, II & III
## PROPOSED CONTROLLER SEQUENCE



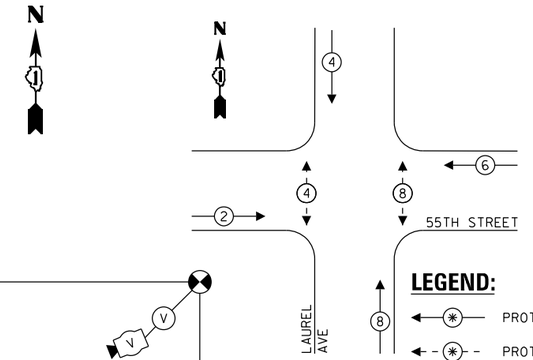

**LEGEND:**

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

## STAGES I, II & III
## PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

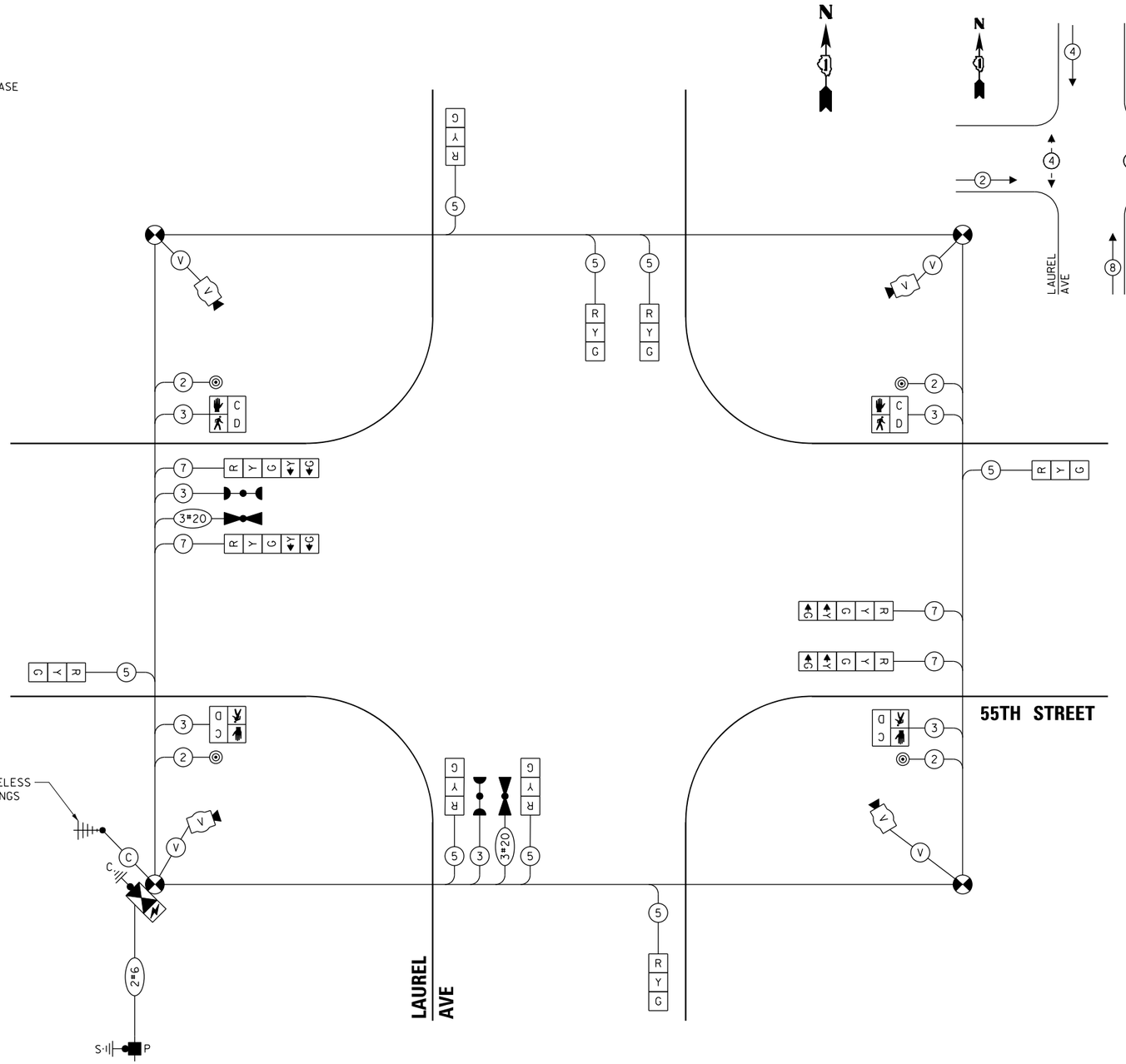



## EXISTING CONTROLLER SEQUENCE




**LEGEND:**

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP




## TEMPORARY CABLE PLAN
(NOT TO SCALE)

## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| SIGNAL (RED) | 12 | 11 | 50 | 66.0 |
| (YELLOW) | 12 | 20 | 5 | 12.0 |
| (GREEN) | 12 | 12 | 45 | 64.8 |
| PERMISSIVE ARROW | 8 | 10 | 10 | 8.0 |
| PED. SIGNAL | 4 | 20 | 100 | 80.0 |
| CONTROLLER | 1 | 100 | 100 | 100.0 |
| UPS | 1 | 25 | 100 | 25.0 |
| VIDEO SYSTEM | 1 | 150 | 100 | 150.0 |
| BLANK-OUT SIGN | - | 25 | 5 | - |
| FLASHER | - | - | 50 | - |
| STREET NAME SIGN | - | 120 | 50 | - |
| LUMINAIRE | - | - | - | - |
| | | | TOTAL = | 505.8 |

ENERGY COSTS TO:

VILLAGE OF LA GRANGE
53 S LA GRANGE ROAD
LA GRANGE, IL 60525

ENERGY SUPPLY: CONTACT: MARSHA CAMPBELL
PHONE: (630) 985-0569
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 1443035122

TS SHT NO. 19

TS 3870
EAGLE 2B


AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

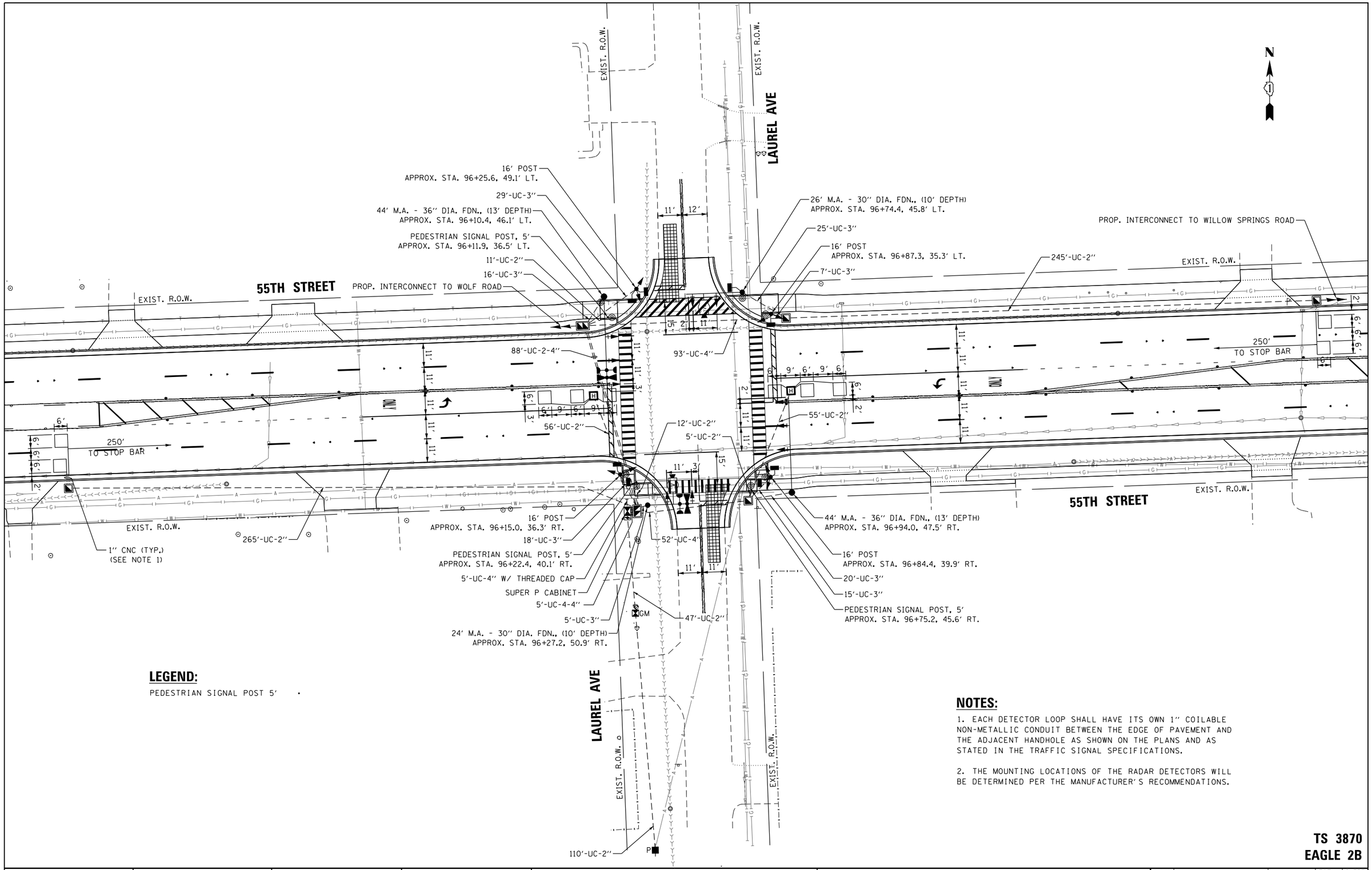

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGES I, II, & III TEMP. CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**
**55TH STREET AND LAUREL AVE**

SCALE: N.T.S. | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 201 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




## LEGEND:

PEDESTRIAN SIGNAL POST 5' •

## NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1'' COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

2. THE MOUNTING LOCATIONS OF THE RADAR DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

**TS 3870**
**EAGLE 2B**

TS SHT NO. 20

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

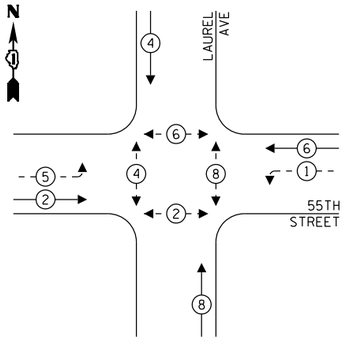
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN**
**55TH STREET AND LAUREL AVE**

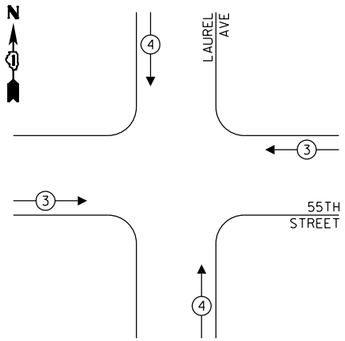
SCALE: 1'' = 20' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 202 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## PROPOSED CONTROLLER SEQUENCE

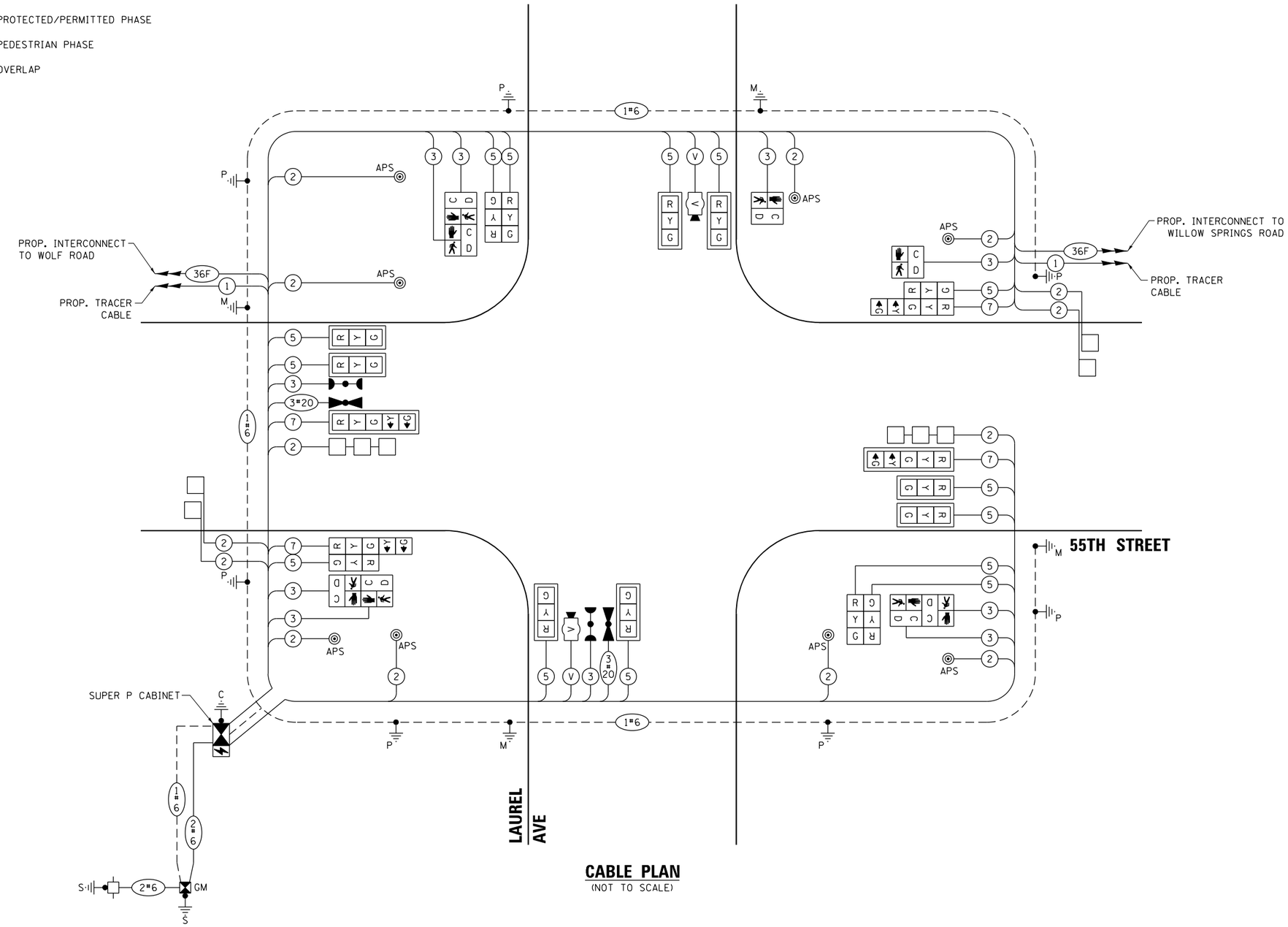



## PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE




## LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP




CABLE PLAN
(NOT TO SCALE)

## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| SIGNAL (RED) | 18 | 11 | 50 | 99.0 |
| (YELLOW) | 18 | 20 | 5 | 18.0 |
| (GREEN) | 18 | 12 | 45 | 97.2 |
| PERMISSIVE ARROW | 8 | 10 | 10 | 8.00 |
| PED. SIGNAL | 8 | 20 | 100 | 160.00 |
| CONTROLLER | 1 | 100 | 100 | 100.00 |
| UPS | 1 | 25 | 100 | 25.00 |
| VIDEO SYSTEM | 1 | 150 | 100 | 150.00 |
| BLANK-OUT SIGN | - | 25 | 5 | - |
| FLASHER | - | - | 50 | - |
| STREET NAME SIGN | - | 120 | 50 | - |
| LUMINAIRE | - | - | - | - |
| | | | TOTAL = | 657.2 |

ENERGY COSTS TO:

VILLAGE OF LA GRANGE
53 S LA GRANGE ROAD
LA GRANGE, ILLINOIS 60525

ENERGY SUPPLY: CONTACT: MARSHA CAMPBELL
PHONE: (630) 985-0569
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 1443035122

TS SHT NO. 21

TS 3870
EAGLE 2B

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

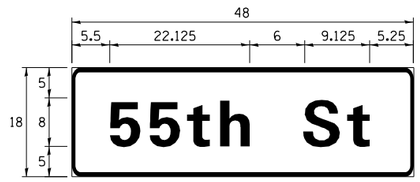
CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
55TH STREET AND LAUREL AVE

SCALE: N.T.S. | SHEET OF SHEETS | STA. | TO STA.

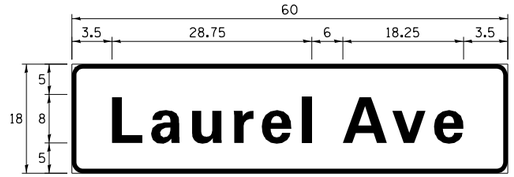
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 203 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE




| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D | 6.0 | 1 | ZZ | 2 |




| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D | 7.5 | 1 | ZZ | 2 |

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

## SCHEDULE OF QUANTITIES

| ITEM DESCRIPTION | UNITS | TOTAL QTY. |
|---|---|---|
| SIGN PANEL - TYPE 1 | SQ FT | 27 |
| SERVICE INSTALLATION - GROUND MOUNTED, METERED | EACH | 1 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 806 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 135 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 346 |
| HANDHOLE | EACH | 4 |
| HEAVY-DUTY HANDHOLE | EACH | 2 |
| DOUBLE HANDHOLE | EACH | 2 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 1,047 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1,437 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 2,225 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 666 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 1,756 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 180 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 614 |
| PEDESTRIAN SIGNAL POST, 5' | EACH | 3 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 4 |
| STEEL MAST ARM ASSEMBLY AND POLE, 24 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 44 FT. | EACH | 2 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 20 |
| CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER | FOOT | 12 |
| CONCRETE FOUNDATION, TYPE C | FOOT | 4 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 20 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 26 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 8 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 6 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 2 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 2 |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 8 |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 10 |
| INDUCTIVE LOOP DETECTOR | EACH | 6 |
| DETECTOR LOOP, TYPE I | FOOT | 329 |
| • LIGHT DETECTOR | EACH | 2 |
| • LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| ACCESSIBLE PEDESTRIAN SIGNALS | EACH | 8 |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 5 |
| REMOVE EXISTING DOUBLE HANDHOLE | EACH | 1 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 9 |
| • EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C | FOOT | 265 |
| FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL) | EACH | 1 |
| UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 |
| TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 1 |
| VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH | EACH | 2 |

• 100% COST TO THE PLEASANTVIEW FIRE PROTECTION DISTRICT

TS SHT NO. 22

TS 3870
EAGLE 2B

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES**
**55TH STREET AND LAUREL AVE**

SCALE: N.T.S. | SHEET OF SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 204 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## REMOVAL AND RELOCATION NOTES:

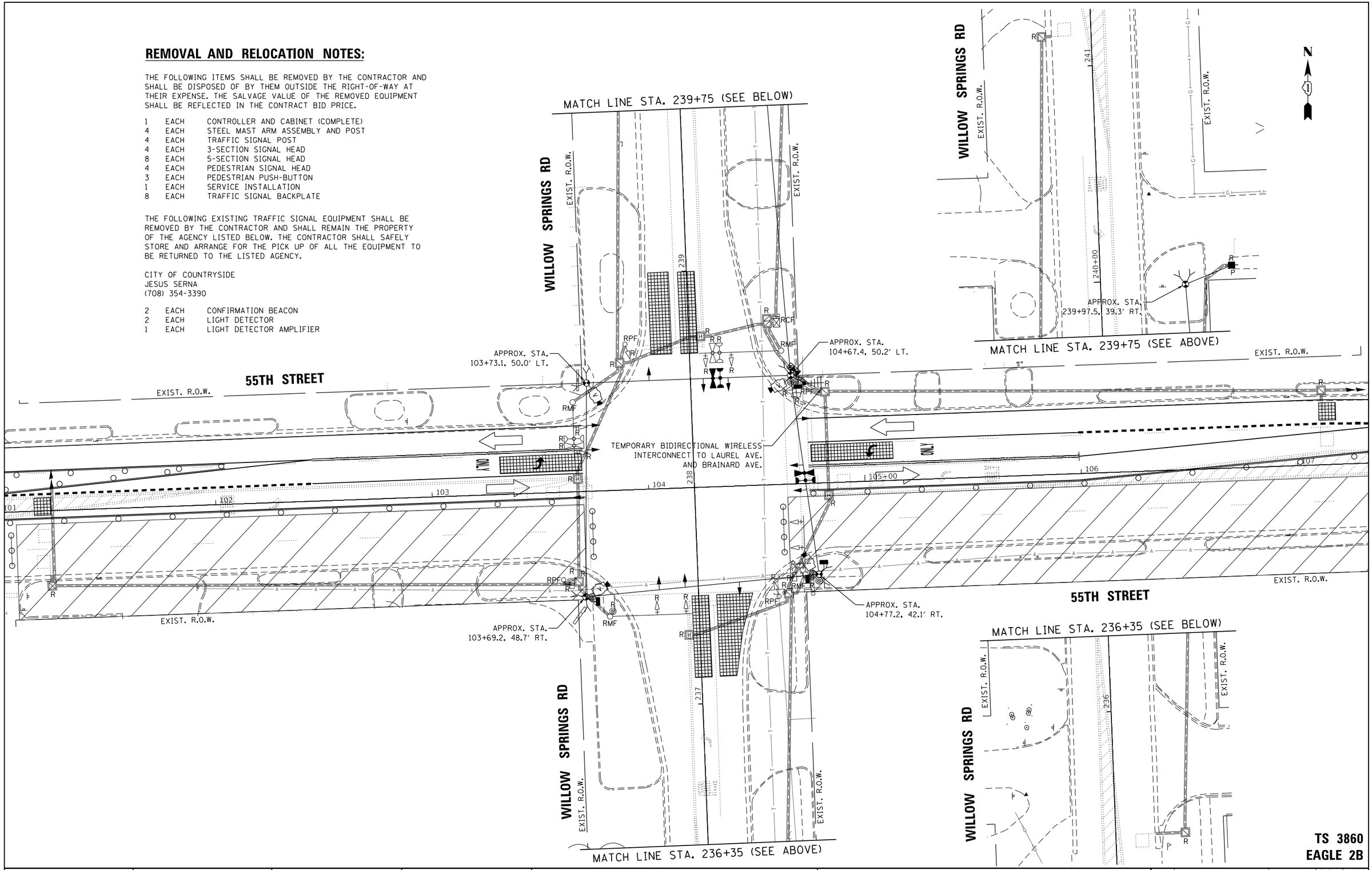
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

| | | |
|---|---|---|
| 1 | EACH | CONTROLLER AND CABINET (COMPLETE) |
| 4 | EACH | STEEL MAST ARM ASSEMBLY AND POST |
| 4 | EACH | TRAFFIC SIGNAL POST |
| 4 | EACH | 3-SECTION SIGNAL HEAD |
| 8 | EACH | 5-SECTION SIGNAL HEAD |
| 4 | EACH | PEDESTRIAN SIGNAL HEAD |
| 3 | EACH | PEDESTRIAN PUSH-BUTTON |
| 1 | EACH | SERVICE INSTALLATION |
| 8 | EACH | TRAFFIC SIGNAL BACKPLATE |

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

CITY OF COUNTRYSIDE
JESUS SERNA
(708) 354-3390

| | | |
|---|---|---|
| 2 | EACH | CONFIRMATION BEACON |
| 2 | EACH | LIGHT DETECTOR |
| 1 | EACH | LIGHT DETECTOR AMPLIFIER |




TS SHT NO. 23

**TS 3860**
**EAGLE 2B**

| | | | |
|---|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - | |
| | DRAWN - TM | REVISED - | |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - | |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - | |

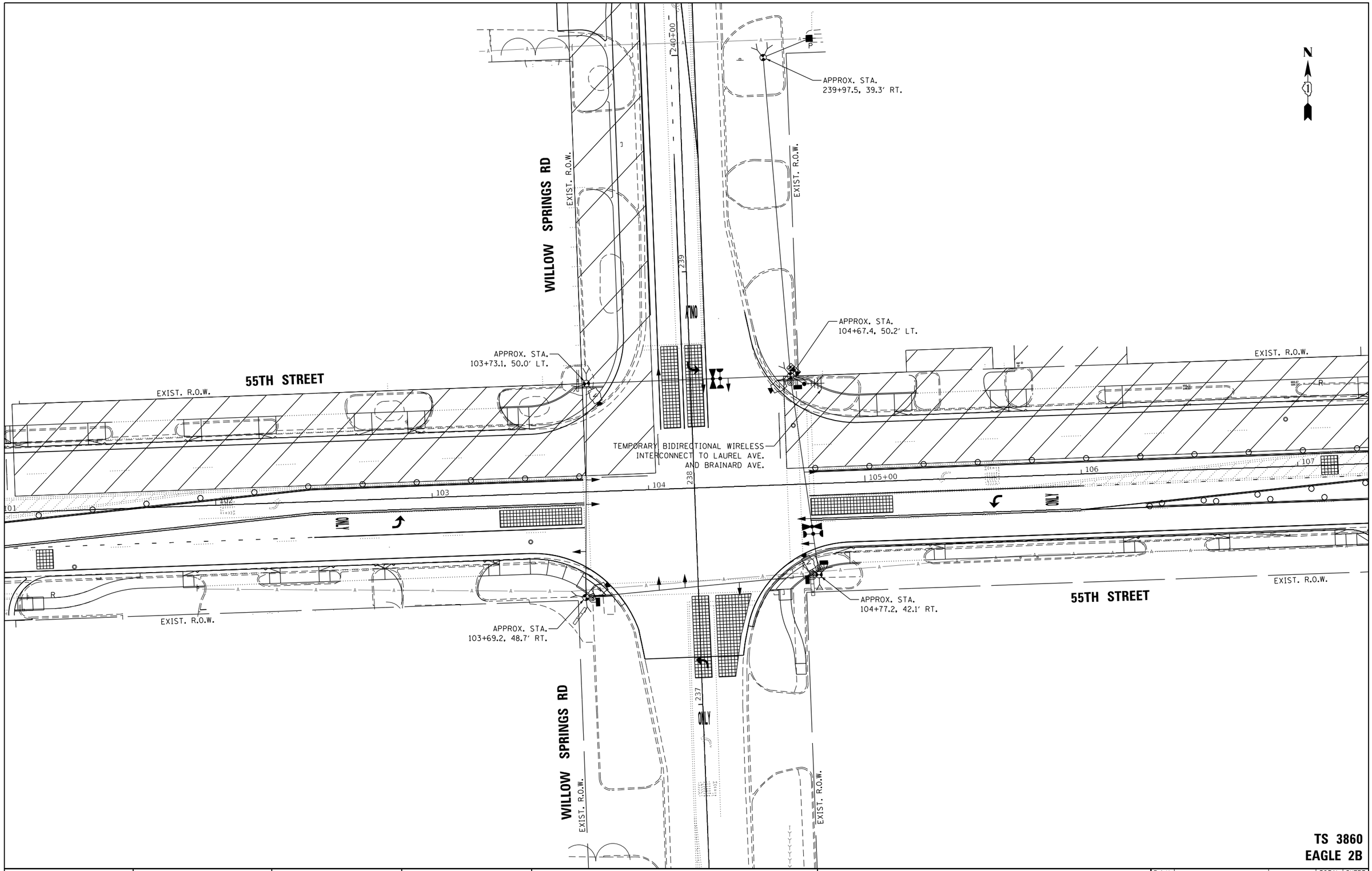
AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE I TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN**
**55TH STREET AND WILLOW SPRINGS ROAD**

SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 205 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

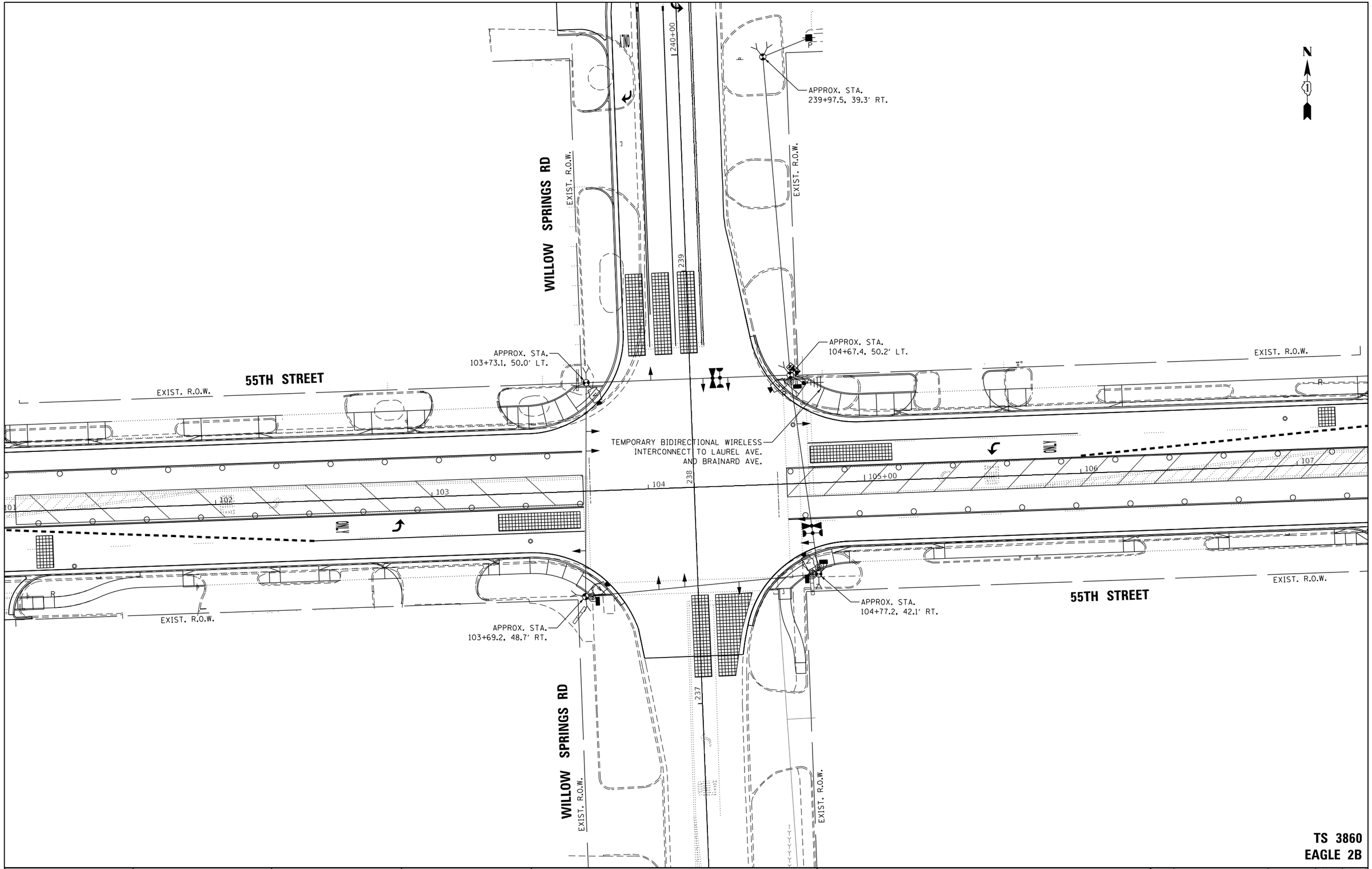



TS SHT NO. 24

TS 3860
EAGLE 2B

| | | | | | |
|---|---|---|---|---|---|
| AMES Engineering, Inc.<br>CONSULTING ENGINEERS<br>6330 Belmont Road, Suite 4B<br>Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | STAGE II TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN<br>55TH STREET AND WILLOW SPRINGS ROAD |
| | | DRAWN - TM | REVISED - | | |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - | | |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - | | SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 206 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




TS 3860
EAGLE 2B

TS SHT NO. 25

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

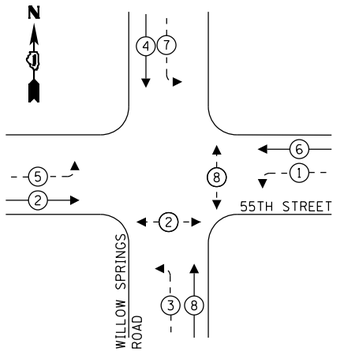
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE III TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**
**55TH STREET AND WILLOW SPRINGS ROAD**

SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 207 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS FED. AID PROJECT | | |

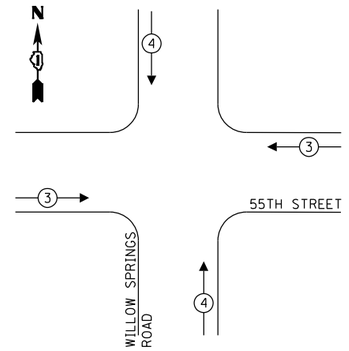
## STAGES I, II & III
## PROPOSED CONTROLLER SEQUENCE




**LEGEND:**

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

## STAGES I, II & III
## PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



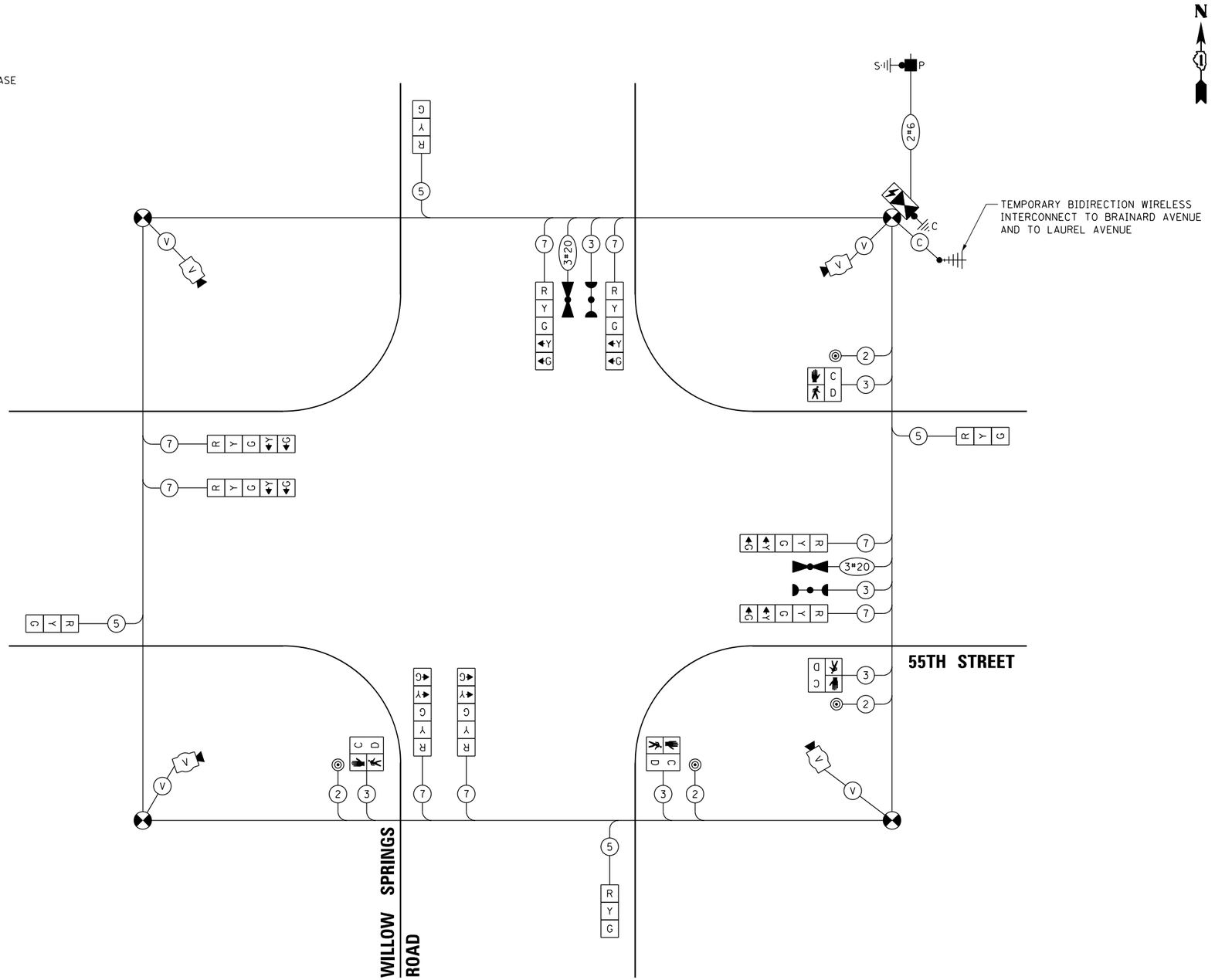

## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| SIGNAL (RED) | 12 | 11 | 50 | 66.0 |
| (YELLOW) | 12 | 20 | 5 | 12.0 |
| (GREEN) | 12 | 12 | 45 | 64.8 |
| PERMISSIVE ARROW | 16 | 10 | 10 | 16.0 |
| PED. SIGNAL | 4 | 20 | 100 | 80.0 |
| CONTROLLER | 1 | 100 | 100 | 100.0 |
| UPS | 1 | 25 | 100 | 25.0 |
| VIDEO SYSTEM | 1 | 150 | 100 | 150.0 |
| BLANK-OUT SIGN | - | 25 | 5 | - |
| FLASHER | - | - | 50 | - |
| STREET NAME SIGN | - | 120 | 50 | - |
| LUMINAIRE | - | - | - | - |
| | | | TOTAL = | 513.8 |

ENERGY COSTS TO:

CITY OF COUNTRYSIDE
5550 EAST AVENUE
COUNTRYSIDE, IL 60525

ENERGY SUPPLY: CONTACT: MARSHA CAMPBELL
PHONE: (630) 985-0569
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 1443035122




## TEMPORARY CABLE PLAN
(NOT TO SCALE)

TS SHT NO. 26

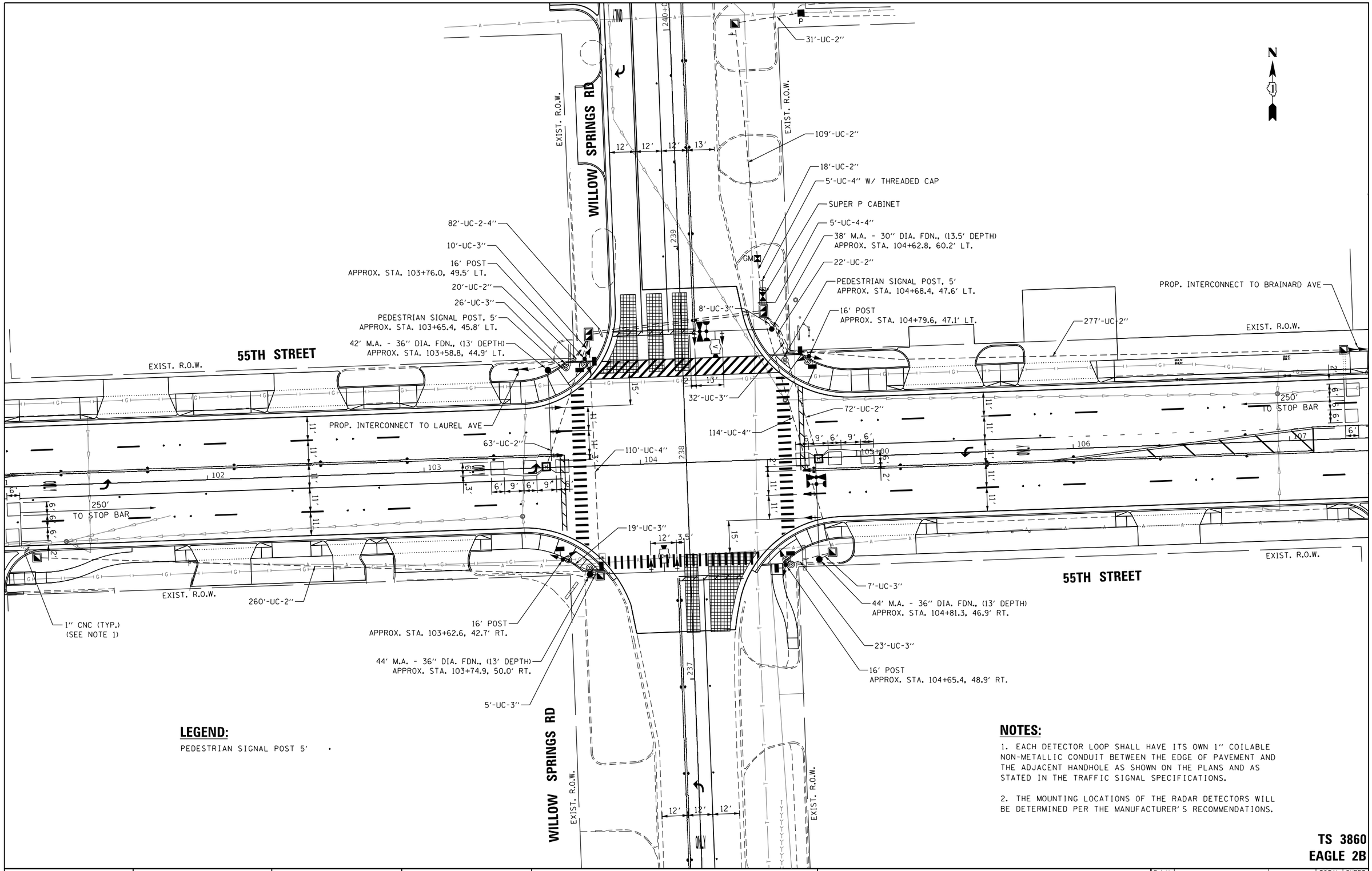
TS 3860
EAGLE 2B

| | | | | |
|---|---|---|---|---|
| AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | | DRAWN - TM | REVISED - | |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - | |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - | |

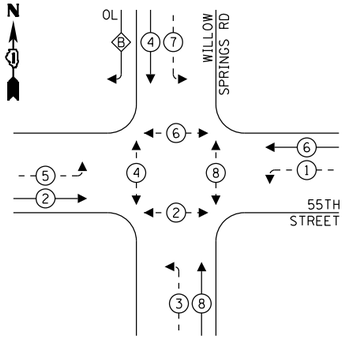
STAGES I, II & III TEMP. CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
55TH STREET AND WILLOW SPRINGS ROAD

SCALE: N.T.S. | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 208 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |


N
WILLOW SPRINGS RD
EXIST. R.O.W.
55TH STREET
EXIST. R.O.W.
WILLOW SPRINGS RD
EXIST. R.O.W.
55TH STREET
EXIST. R.O.W.
31'-UC-2"
109'-UC-2"
18'-UC-2"
5'-UC-4" W/ THREADED CAP
SUPER P CABINET
5'-UC-4-4"
38' M.A. - 30" DIA. FDN., (13.5' DEPTH)
APPROX. STA. 104+62.8, 60.2' LT.
22'-UC-2"
PEDESTRIAN SIGNAL POST, 5'
APPROX. STA. 104+68.4, 47.6' LT.
16' POST
APPROX. STA. 104+79.6, 47.1' LT.
277'-UC-2"
PROP. INTERCONNECT TO BRAINARD AVE
82'-UC-2-4"
10'-UC-3"
16' POST
APPROX. STA. 103+76.0, 49.5' LT.
20'-UC-2"
26'-UC-3"
PEDESTRIAN SIGNAL POST, 5'
APPROX. STA. 103+65.4, 45.8' LT.
42' M.A. - 36" DIA. FDN., (13' DEPTH)
APPROX. STA. 103+58.8, 44.9' LT.
8'-UC-3"
32'-UC-3"
72'-UC-2"
114'-UC-4"
110'-UC-4"
63'-UC-2"
PROP. INTERCONNECT TO LAUREL AVE
250'
TO STOP BAR
19'-UC-3"
260'-UC-2"
1" CNC (TYP.)
(SEE NOTE 1)
16' POST
APPROX. STA. 103+62.6, 42.7' RT.
44' M.A. - 36" DIA. FDN., (13' DEPTH)
APPROX. STA. 103+74.9, 50.0' RT.
5'-UC-3"
7'-UC-3"
44' M.A. - 36" DIA. FDN., (13' DEPTH)
APPROX. STA. 104+81.3, 46.9' RT.
23'-UC-3"
16' POST
APPROX. STA. 104+65.4, 48.9' RT.
12'
12'
12'
13'
13'
12'
12'
12'
15'
11'
11'
11'
11'
11'
11'
11'
11'
9'
6'
9'
6'
9'
6'
9'
6'
3.5'
3.5'
6'
6'
6

## PROPOSED CONTROLLER SEQUENCE



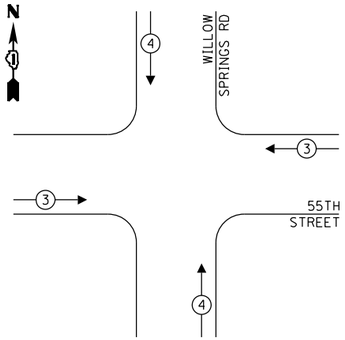

## LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

## RIGHT TURN OVERLAP PHASE DESIGNATION:

| OVERLAP LETTER | | PERMISSIVE PHASE | | PROTECTED PHASE |
|---|---|---|---|---|
| B | = | 4 | + | 5 |

## PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



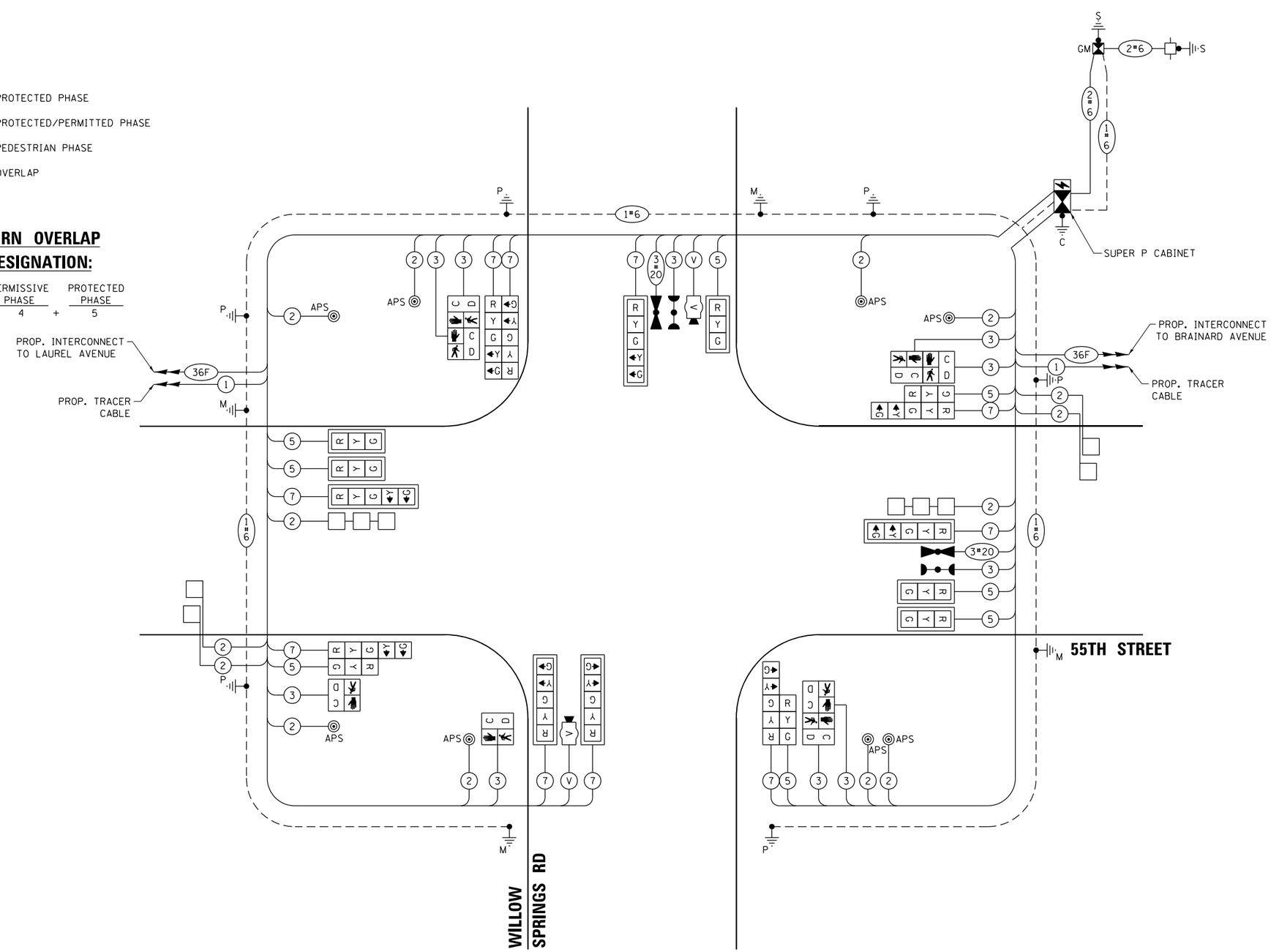

## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| SIGNAL (RED) | 18 | 11 | 50 | 99.0 |
| (YELLOW) | 18 | 20 | 5 | 18.0 |
| (GREEN) | 18 | 12 | 45 | 97.2 |
| PERMISSIVE ARROW | 20 | 10 | 10 | 20.00 |
| PED. SIGNAL | 8 | 20 | 100 | 160.00 |
| CONTROLLER | 1 | 100 | 100 | 100.00 |
| UPS | 1 | 25 | 100 | 25.00 |
| VIDEO SYSTEM | 1 | 150 | 100 | 150.00 |
| BLANK-OUT SIGN | - | 25 | 5 | - |
| FLASHER | - | - | 50 | - |
| STREET NAME SIGN | - | 120 | 50 | - |
| LUMINAIRE | - | - | - | - |
| | | | TOTAL = | 669.2 |

ENERGY COSTS TO:

CITY OF COUNTRYSIDE
5550 EAST AVENUE
COUNTRYSIDE, ILLINOIS 60525

ENERGY SUPPLY: CONTACT: MARSHA CAMPBELL
PHONE: (630) 985-0569
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 1443035132




## CABLE PLAN
(NOT TO SCALE)

TS SHT NO. 28

TS 3860
EAGLE 2B

| | | | | |
|---|---|---|---|---|
| AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | | DRAWN - TM | REVISED - | |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - | |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - | |

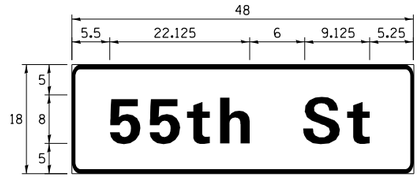
CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
55TH STREET AND WILLOW SPRINGS ROAD

SCALE: N.T.S. | SHEET OF SHEETS | STA. | TO STA.

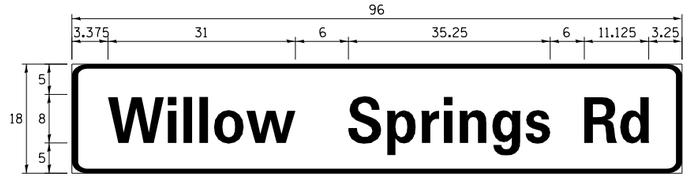
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 210 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE




| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D | 6.0 | 1 | ZZ | 2 |




| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D | 12.0 | 2 | ZZ | 2 |

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

## SCHEDULE OF QUANTITIES

| ITEM DESCRIPTION | UNITS | TOTAL QTY. |
|---|---|---|
| SIGN PANEL - TYPE 1 | SQ FT | 12 |
| SIGN PANEL - TYPE 2 | SQ FT | 24 |
| SERVICE INSTALLATION - GROUND MOUNTED, METERED | EACH | 1 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 872 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 130 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 413 |
| HANDHOLE | EACH | 5 |
| HEAVY-DUTY HANDHOLE | EACH | 2 |
| DOUBLE HANDHOLE | EACH | 2 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 1,213 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1,625 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 1,348 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 1,926 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 1,892 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 181 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 685 |
| PEDESTRIAN SIGNAL POST, 5' | EACH | 1 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 4 |
| STEEL MAST ARM ASSEMBLY AND POLE, 38 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 42 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 44 FT. | EACH | 2 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 20 |
| CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER | FOOT | 4 |
| CONCRETE FOUNDATION, TYPE C | FOOT | 4 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 13.5 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 39 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 5 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 3 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 5 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 5 |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 8 |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 10 |
| INDUCTIVE LOOP DETECTOR | EACH | 6 |
| DETECTOR LOOP, TYPE I | FOOT | 328 |
| • LIGHT DETECTOR | EACH | 2 |
| • LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| ACCESSIBLE PEDESTRIAN SIGNALS | EACH | 8 |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 12 |
| REMOVE EXISTING DOUBLE HANDHOLE | EACH | 1 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 9 |
| • EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3C | FOOT | 292 |
| FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL) | EACH | 1 |
| UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 |
| TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 1 |
| VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH | EACH | 2 |

• 100% COST TO THE PLEASANTVIEW FIRE PROTECTION DISTRICT

TS SHT NO. 29

**TS 3860**
**EAGLE 2B**


AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516


| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES**
**55TH STREET AND WILLOW SPRINGS ROAD**

SCALE: N.T.S. | SHEET OF SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 211 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## REMOVAL AND RELOCATION NOTES:

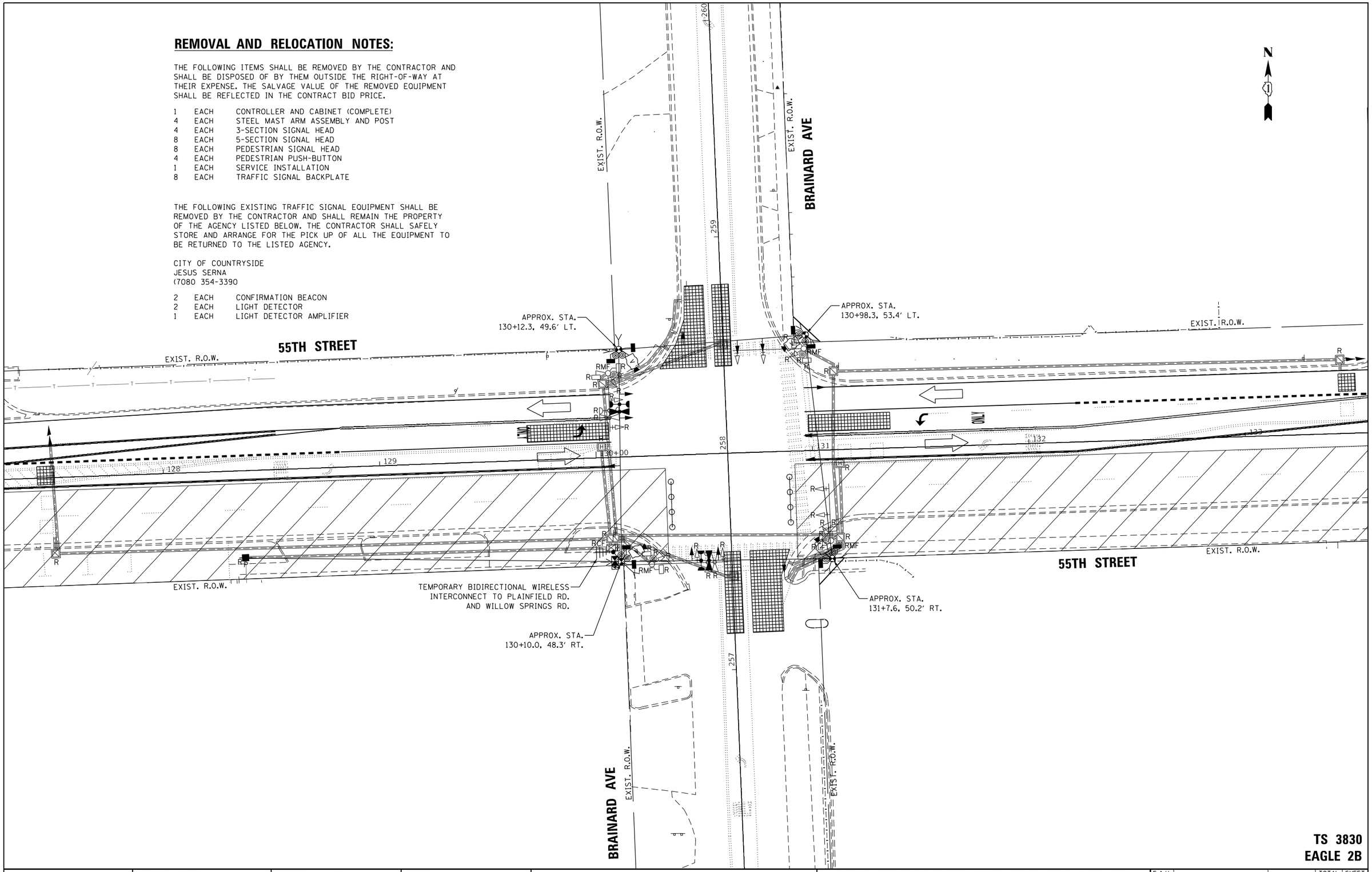
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

| | | |
|---|---|---|
| 1 | EACH | CONTROLLER AND CABINET (COMPLETE) |
| 4 | EACH | STEEL MAST ARM ASSEMBLY AND POST |
| 4 | EACH | 3-SECTION SIGNAL HEAD |
| 8 | EACH | 5-SECTION SIGNAL HEAD |
| 8 | EACH | PEDESTRIAN SIGNAL HEAD |
| 4 | EACH | PEDESTRIAN PUSH-BUTTON |
| 1 | EACH | SERVICE INSTALLATION |
| 8 | EACH | TRAFFIC SIGNAL BACKPLATE |

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

CITY OF COUNTRYSIDE
JESUS SERNA
(7080 354-3390

| | | |
|---|---|---|
| 2 | EACH | CONFIRMATION BEACON |
| 2 | EACH | LIGHT DETECTOR |
| 1 | EACH | LIGHT DETECTOR AMPLIFIER |




TS SHT NO. 30

TS 3830
EAGLE 2B

| | | | |
|---|---|---|---|
| AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE I TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN**
**55TH STREET AND BRAINARD AVE**

SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 212 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

N

EXIST. R.O.W.

BRAINARD AVE

EXIST. R.O.W.

260

259

258

257

APPROX. STA.
130+12.3, 49.6' LT.

APPROX. STA.
130+98.3, 53.4' LT.

55TH STREET

EXIST. R.O.W.

EXIST. R.O.W.

128

129

130+06

131

132

133

ONLY

ONLY

EXIST. R.O.W.

TEMPORARY BIDIRECTIONAL WIRELESS
INTERCONNECT TO PLAINFIELD RD.
AND WILLOW SPRINGS RD.

APPROX. STA.
130+10.0, 48.3' RT.

APPROX. STA.
131+7.6, 50.2' RT.

55TH STREET

EXIST. R.O.W.

BRAINARD AVE

EXIST. R.O.W.

EXIST. R.O.W.

TS SHT NO. 31

TS 3830
EAGLE 2B

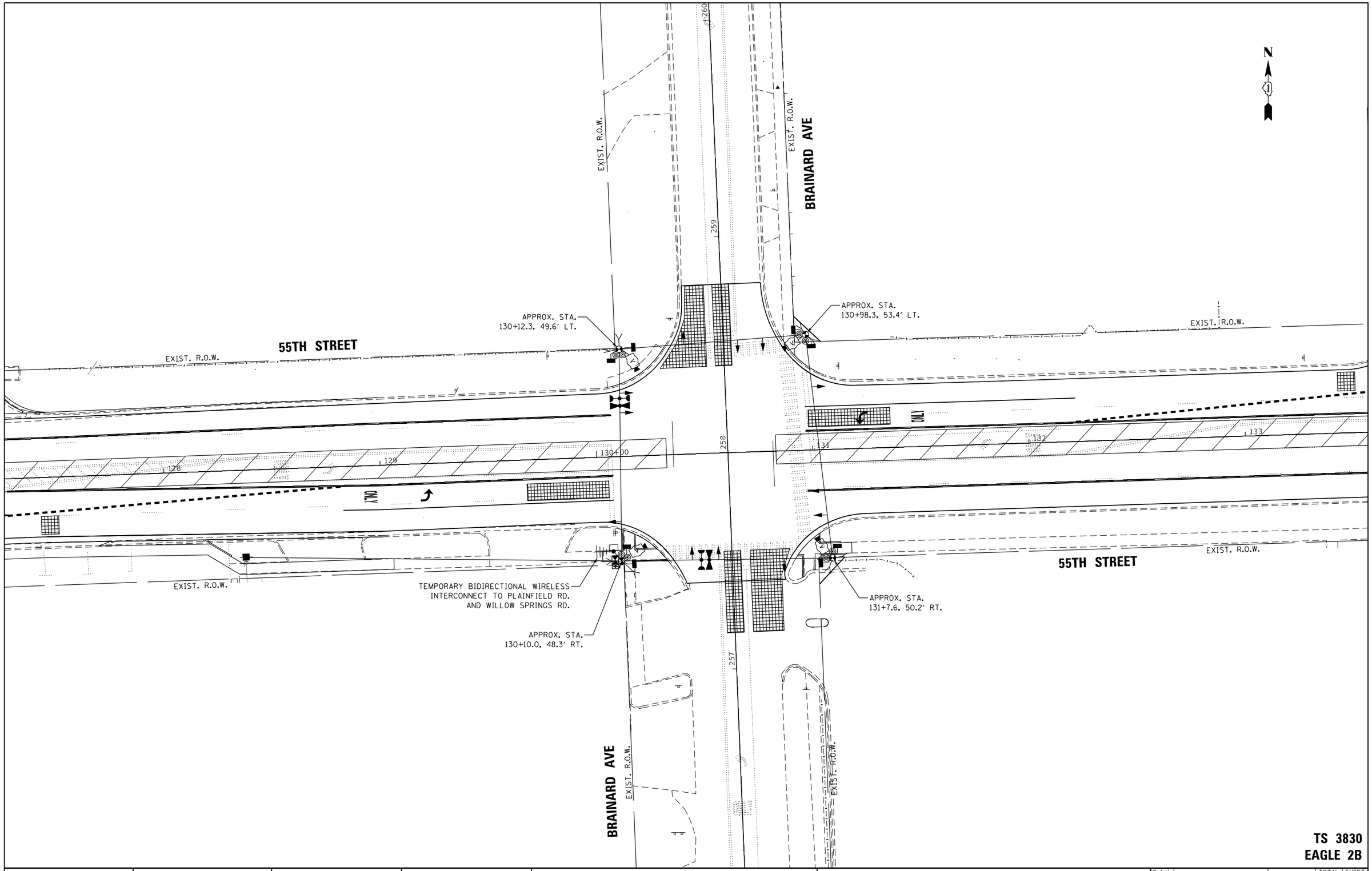
| | | | |
|---|---|---|---|
| AMES Engineering, Inc.<br>CONSULTING ENGINEERS<br>6330 Belmont Road, Suite 4B<br>Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE II TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**
**55TH STREET AND BRAINARD AVE**

SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 213 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




TS SHT NO. 32

TS 3830
EAGLE 2B

| | | | |
|---|---|---|---|
| AMES Engineering, Inc.<br>CONSULTING ENGINEERS<br>6330 Belmont Road, Suite 4B<br>Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

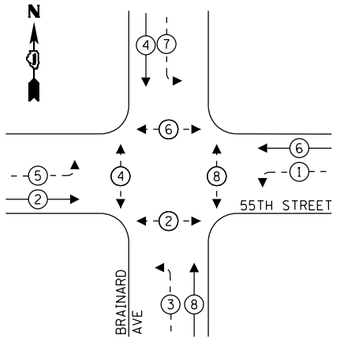
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGE III TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**
**55TH STREET AND BRAINARD AVE**

SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 214 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

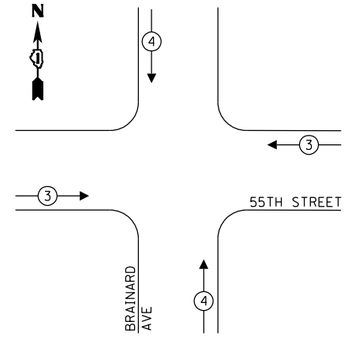
## STAGES I, II & III
## PROPOSED CONTROLLER SEQUENCE




**LEGEND:**

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

## STAGES I, II & III
## PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



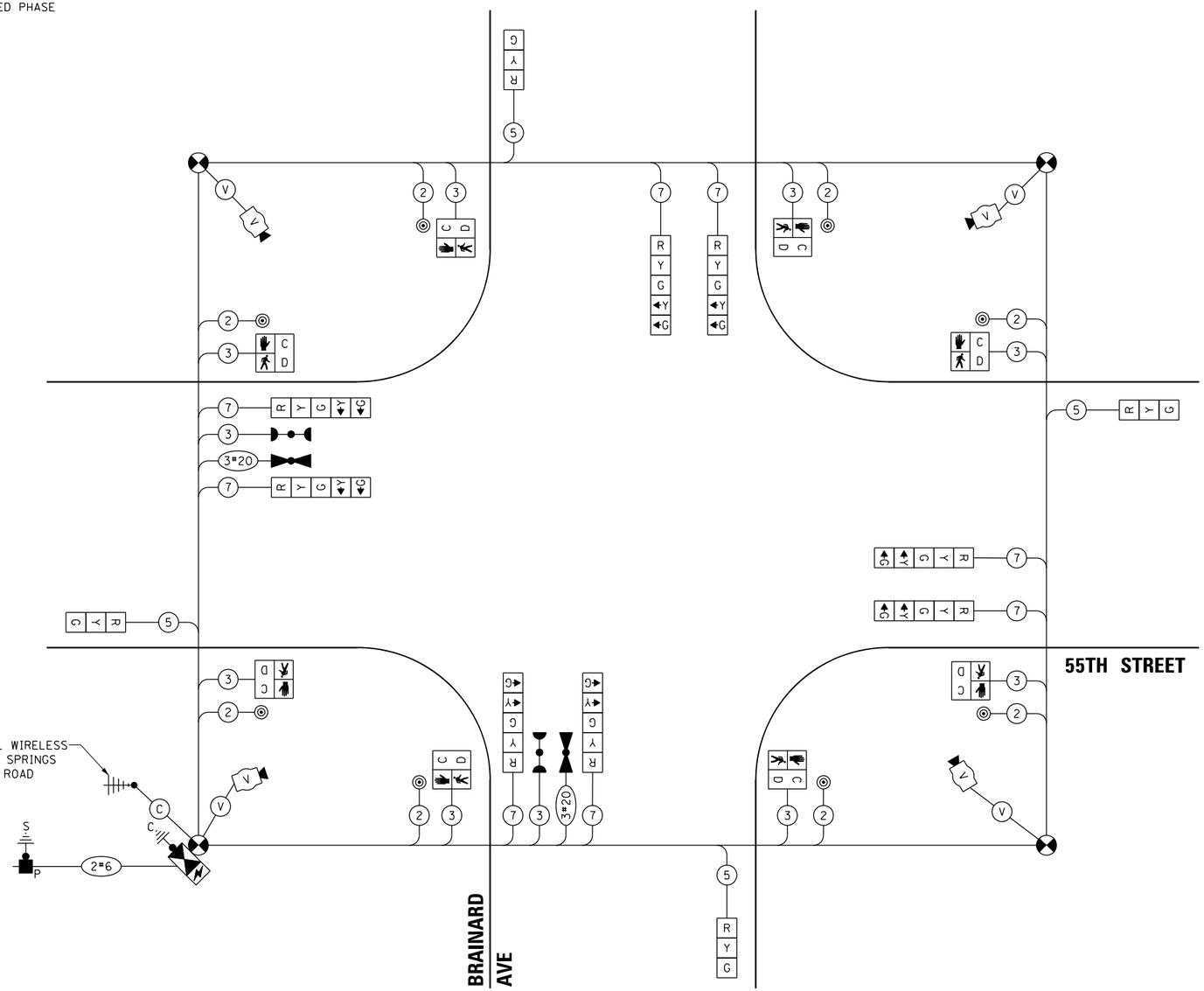

## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| SIGNAL (RED) | 12 | 11 | 50 | 66.0 |
| (YELLOW) | 12 | 20 | 5 | 12.0 |
| (GREEN) | 12 | 12 | 45 | 64.8 |
| PERMISSIVE ARROW | 16 | 10 | 10 | 16.0 |
| PED. SIGNAL | 8 | 20 | 100 | 160.0 |
| CONTROLLER | 1 | 100 | 100 | 100.0 |
| UPS | 1 | 25 | 100 | 25.0 |
| VIDEO SYSTEM | 1 | 150 | 100 | 150.0 |
| BLANK-OUT SIGN | - | 25 | 5 | - |
| FLASHER | - | - | 50 | - |
| STREET NAME SIGN | - | 120 | 50 | - |
| LUMINAIRE | - | - | - | - |
| | | | TOTAL = | 593.8 |

ENERGY COSTS TO:

CITY OF COUNTRYSIDE
5550 EAST AVENUE
COUNTRYSIDE, IL 60525

ENERGY SUPPLY: CONTACT: MARSHA CAMPBELL
PHONE: (630) 985-0569
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 1443035122




## TEMPORARY CABLE PLAN
(NOT TO SCALE)

TS SHT NO. 33

TS 3830
EAGLE 2B

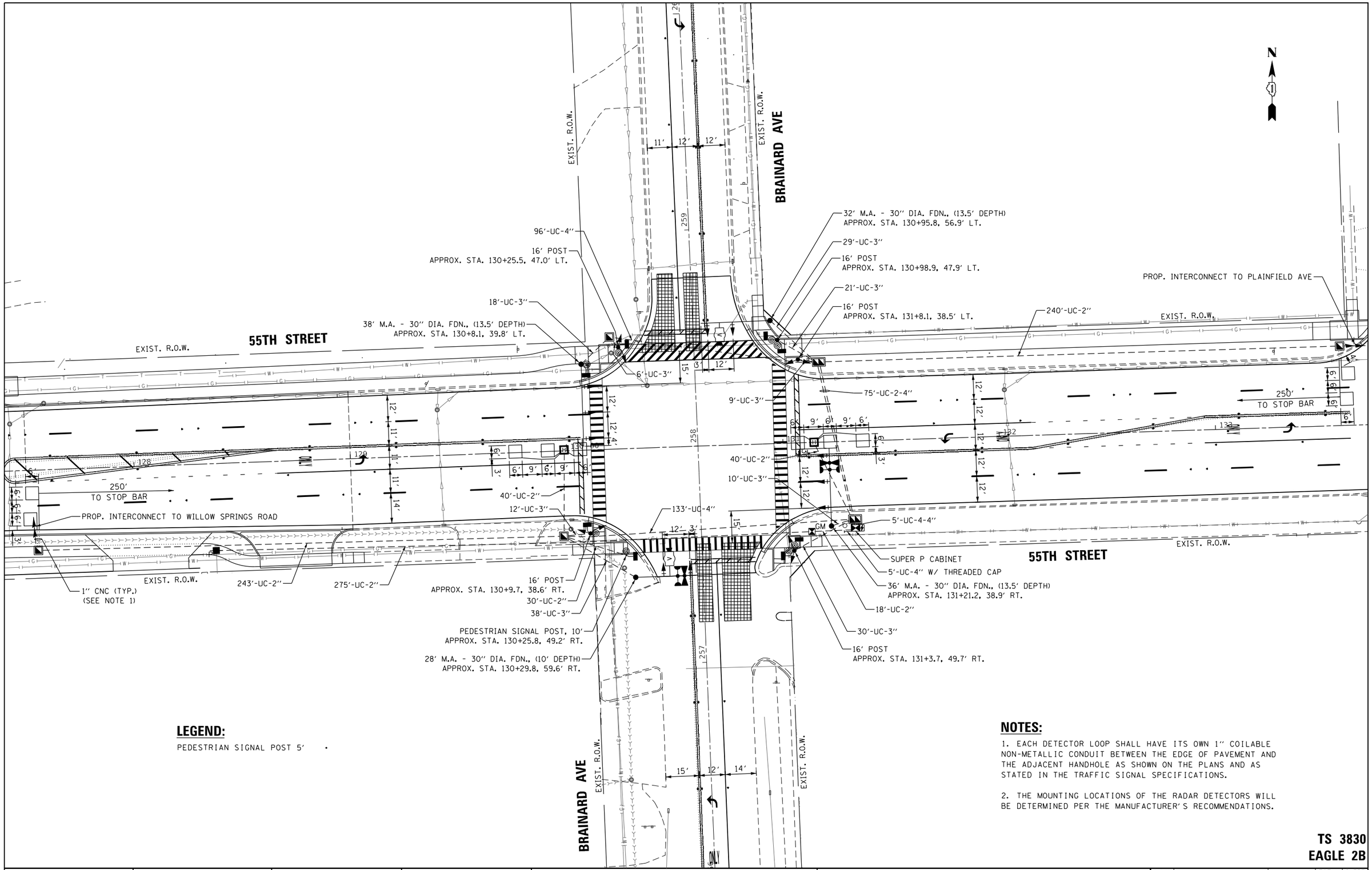
| | | | |
|---|---|---|---|
| AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**STAGES I, II & III TEMP. CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**
**55TH STREET AND BRAINARD AVE**

SCALE: N.T.S. | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 215 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




## LEGEND:

PEDESTRIAN SIGNAL POST 5' •

## NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1'' COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

2. THE MOUNTING LOCATIONS OF THE RADAR DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

**TS 3830**
**EAGLE 2B**

TS SHT NO. 34


AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516


| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

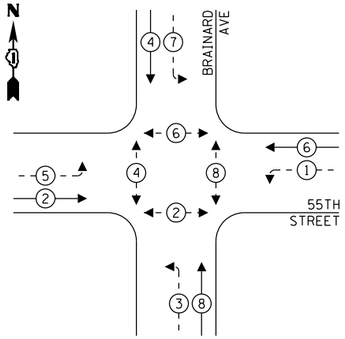
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN**
**55TH STREET AND BRAINARD AVE**

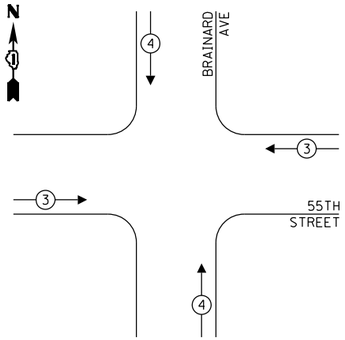
SCALE: 1'' = 20' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 216 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## PROPOSED CONTROLLER SEQUENCE

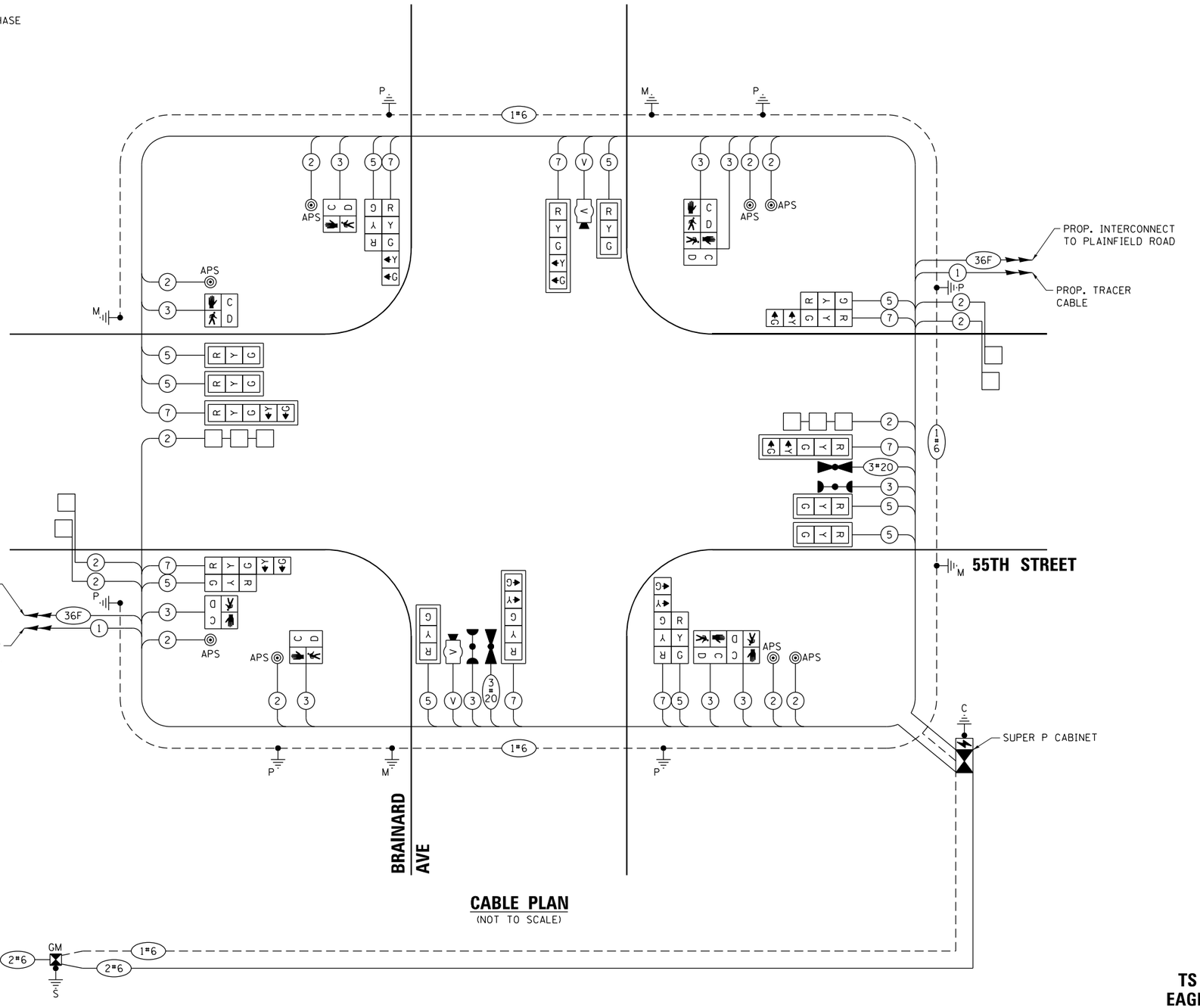



## PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE




## LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP




## CABLE PLAN
(NOT TO SCALE)

## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| SIGNAL (RED) | 18 | 11 | 50 | 99.0 |
| (YELLOW) | 18 | 20 | 5 | 18.0 |
| (GREEN) | 18 | 12 | 45 | 97.2 |
| PERMISSIVE ARROW | 16 | 10 | 10 | 16.0 |
| PED. SIGNAL | 8 | 20 | 100 | 160.00 |
| CONTROLLER | 1 | 100 | 100 | 100.00 |
| UPS | 1 | 25 | 100 | 25.00 |
| VIDEO SYSTEM | 1 | 150 | 100 | 150.00 |
| BLANK-OUT SIGN | - | 25 | 5 | - |
| FLASHER | - | - | 50 | - |
| STREET NAME SIGN | - | 120 | 50 | - |
| LUMINAIRE | - | - | - | - |
| | | | TOTAL = | 665.2 |

ENERGY COSTS TO:

CITY OF COUNTRYSIDE
5550 EAST AVENUE
COUNTRYSIDE, ILLINOIS 60525

ENERGY SUPPLY: CONTACT: MARSHA CAMPBELL
PHONE: (630) 985-0569
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 1443035122

TS SHT NO. 35

**TS 3830**
**EAGLE 2B**


AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516


| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

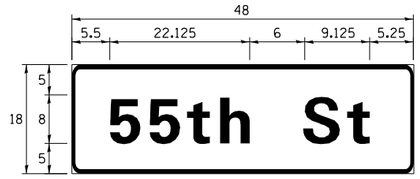
**CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**
**55TH STREET AND BRAINARD AVE**

SCALE: N.T.S. | SHEET OF SHEETS | STA. | TO STA.

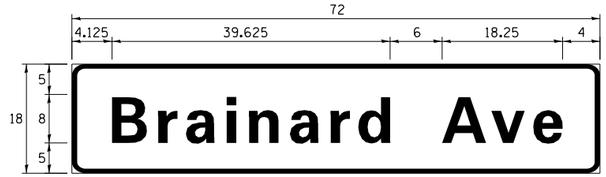
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 217 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE




| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D | 6.0 | 1 | ZZ | 2 |




| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D | 9.0 | 1 | ZZ | 2 |

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

## SCHEDULE OF QUANTITIES

| ITEM DESCRIPTION | UNITS | TOTAL QTY. |
|---|---|---|
| SIGN PANEL - TYPE 1 | SQ FT | 30 |
| SERVICE INSTALLATION - GROUND MOUNTED, METERED | EACH | 1 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 896 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 173 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 399 |
| HANDHOLE | EACH | 4 |
| HEAVY-DUTY HANDHOLE | EACH | 2 |
| DOUBLE HANDHOLE | EACH | 2 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 1,218 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1,628 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 1,731 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 1,507 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 1,806 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 316 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 730 |
| PEDESTRIAN SIGNAL POST, 10' | EACH | 1 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 5 |
| STEEL MAST ARM ASSEMBLY AND POLE, 28 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 32 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 36 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 38 FT. | EACH | 1 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 28 |
| CONCRETE FOUNDATION, TYPE C | FOOT | 4 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 50.5 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 6 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 4 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 4 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 4 |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 8 |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 10 |
| INDUCTIVE LOOP DETECTOR | EACH | 6 |
| DETECTOR LOOP, TYPE I | FOOT | 330 |
| • LIGHT DETECTOR | EACH | 2 |
| • LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| ACCESSIBLE PEDESTRIAN SIGNALS | EACH | 8 |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 9 |
| REMOVE EXISTING DOUBLE HANDHOLE | EACH | 1 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 5 |
| • EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C | FOOT | 341 |
| FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL) | EACH | 1 |
| UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 |
| TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 1 |
| VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH | EACH | 2 |

• 100% COST TO THE PLEASANTVIEW FIRE PROTECTION DISTRICT

TS SHT NO. 36

**TS 3830**
**EAGLE 2B**


AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

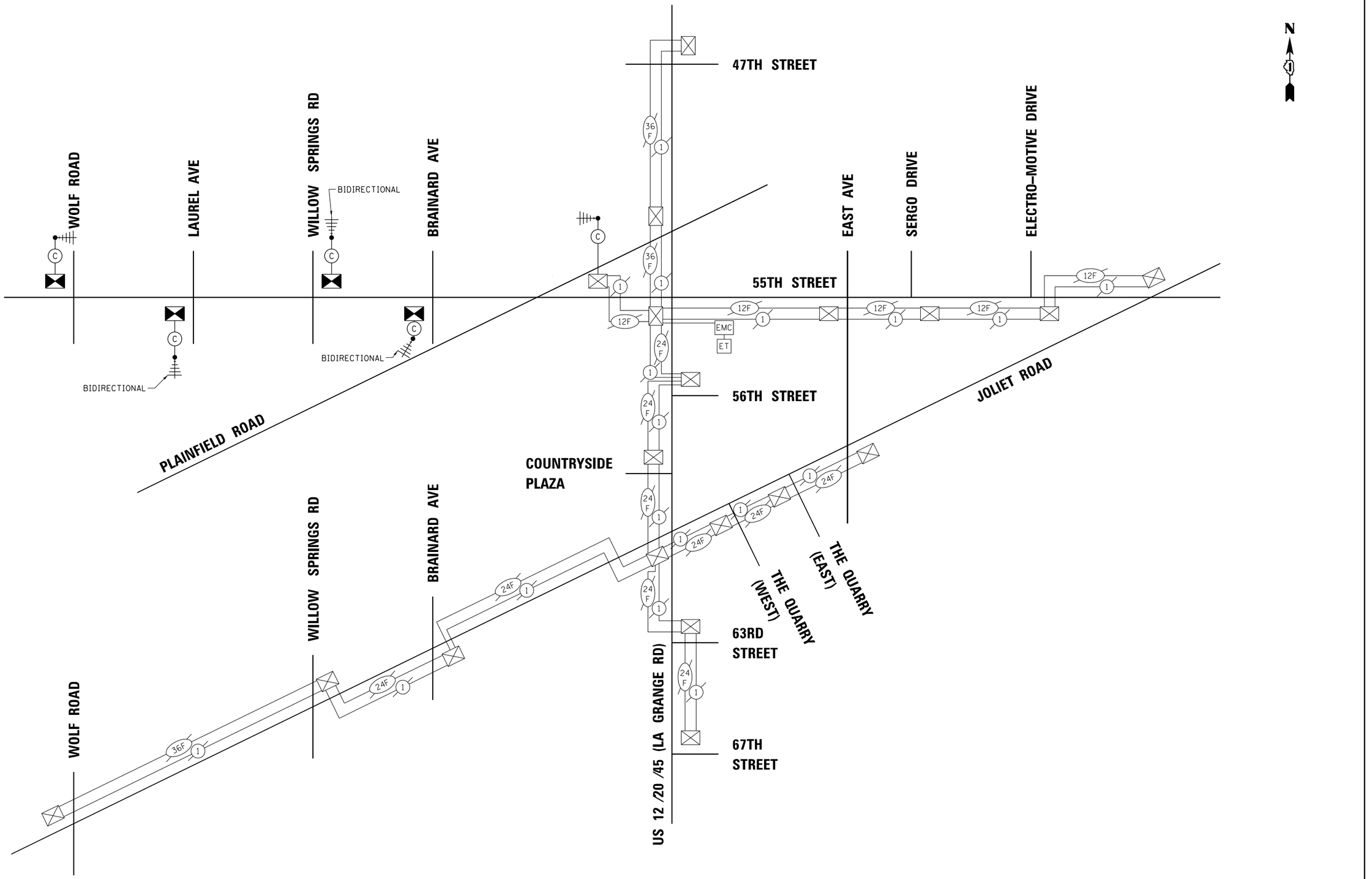

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES**
**55TH STREET AND BRAINARD AVE**

SCALE: N.T.S. | SHEET OF SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 218 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




TS SHT NO. 37

EAGLE 2B

| | | | |
|---|---|---|---|
| AMES Engineering, Inc.<br>CONSULTING ENGINEERS<br>6330 Belmont Road, Suite 4B<br>Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT SCHEMATIC**
**55TH STREET FROM WOLF ROAD TO BRAINARD AVE**

SCALE: 1" = 50' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 219 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS FED. AID PROJECT | | |

WOLF ROAD

55th STREET

5'-E-4-4"

239'-E-2"

125'-E-2-4"

95'-E-4"

253'-E-2"

500'-UC-2"

500'-UC-2"

SEE BELOW MATCH LINE STA 89+50

LAUREL AVE

55th STREET

SEE ABOVE MATCH LINE STA 89+50

500'-UC-2"

93'-E-4"

245'-E-2"

445'-UC-2"

88'-E-2-4

265'-E-2"

5'-E-4-4"

SEE BELOW MATCH LINE STA 103+25

WILLOW SPRINGS ROAD

82'-E-2-4"

5'-E-4-4"

277'-E-2"

529'-UC-2"

55th STREET

509'-UC-2"

SEE ABOVE MATCH LINE STA 103+25

SEE NEXT SHEET MATCH LINE STA 117+75

N

EAGLE 2B

TS SHT NO. 38

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

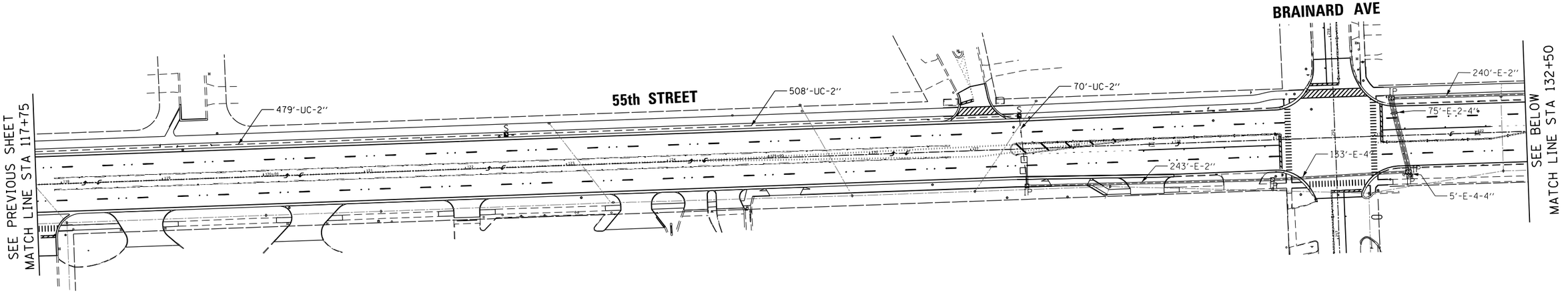
| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

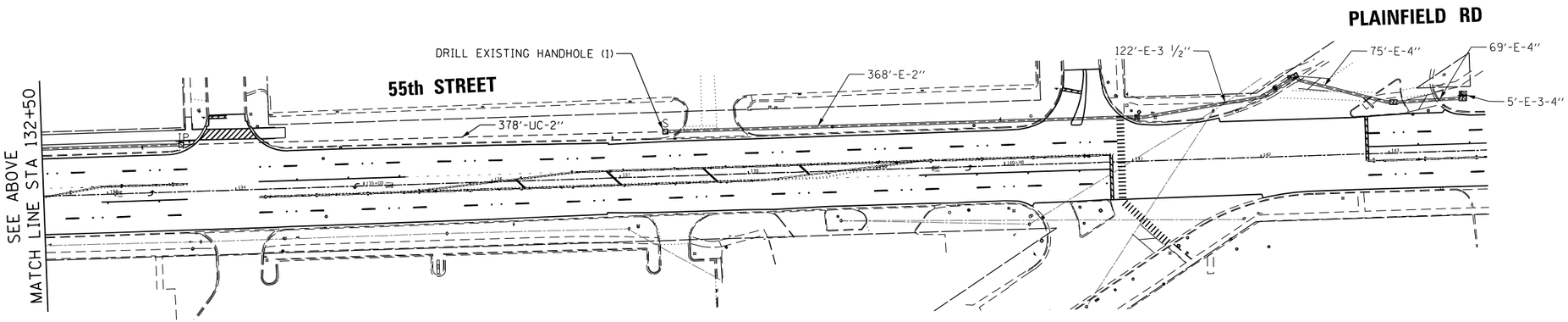
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN – SHEET 1 OF 2**
**55TH STREET FROM WOLF ROAD TO BRAINARD AVE**

SCALE: 1" = 50' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 220 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




TS SHT NO. 39

EAGLE 2B

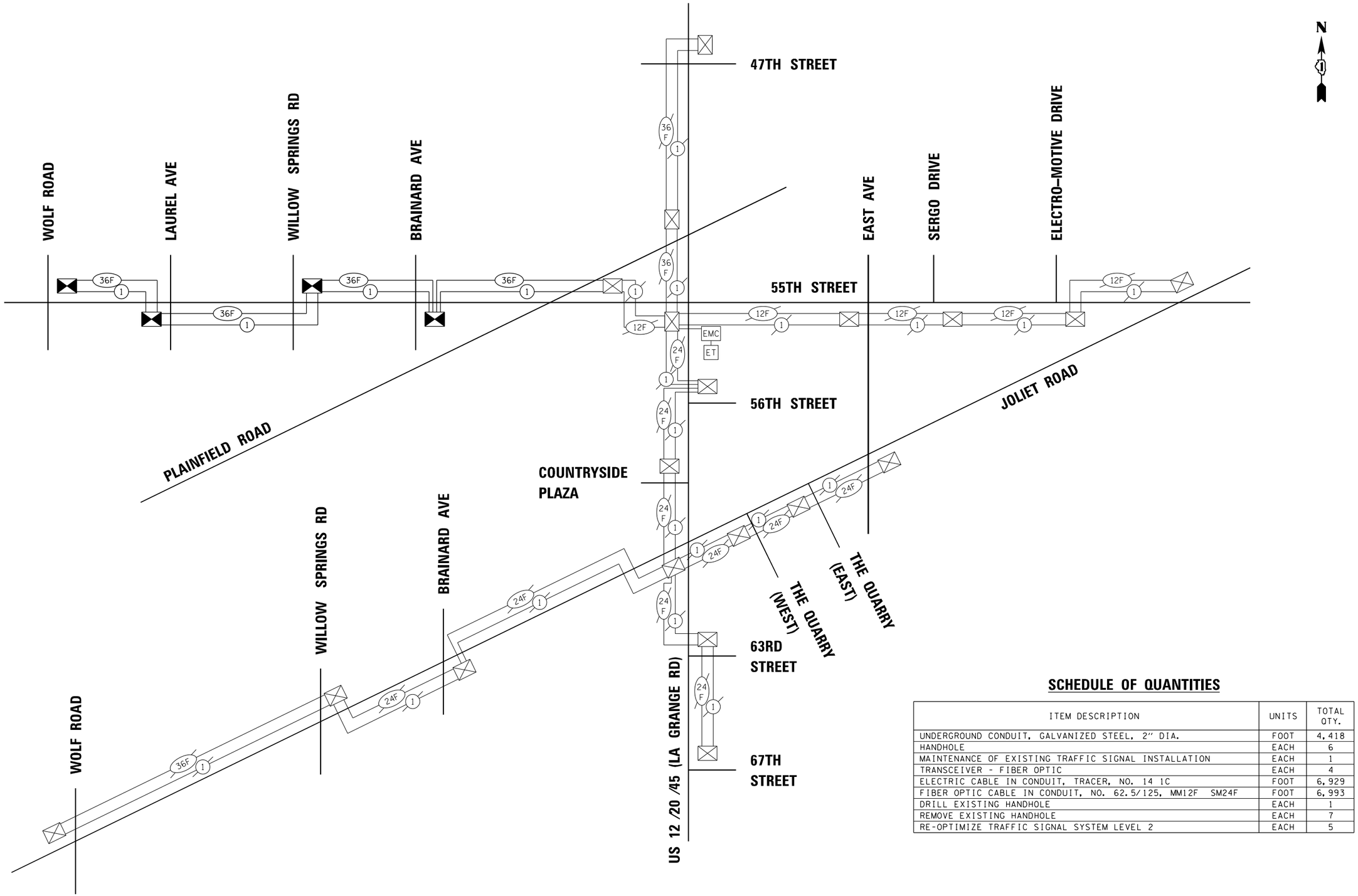
| | | | |
|---|---|---|---|
| AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516 | USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | | DRAWN - TM | REVISED - |
| | PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| | PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN – SHEET 2 OF 2**
**55TH STREET FROM WOLF ROAD TO BRAINARD AVE**

SCALE: 1" = 50' | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 221 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




## SCHEDULE OF QUANTITIES

| ITEM DESCRIPTION | UNITS | TOTAL QTY. |
|---|---|---|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 4,418 |
| HANDHOLE | EACH | 6 |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| TRANSCEIVER - FIBER OPTIC | EACH | 4 |
| ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C | FOOT | 6,929 |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F | FOOT | 6,993 |
| DRILL EXISTING HANDHOLE | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 7 |
| RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2 | EACH | 5 |

TS SHT NO. 40

EAGLE 2B

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

| | | |
|---|---|---|
| USER NAME = $USER$ | DESIGNED - TM | REVISED - |
| | DRAWN - TM | REVISED - |
| PLOT SCALE = $SCALE$ | CHECKED - AS | REVISED - |
| PLOT DATE = $DATE$ | DATE - 3/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES**
**55TH STREET FROM WOLF ROAD TO BRAINARD AVE**

SCALE: N.T.S. | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 222 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

## INDEX OF SHEETS


ST-1 GENERAL PLAN AND ELEVATION; NOTES AND BILL OF MATERIAL
ST-2 CAST IN PLACE SECTIONS AND DETAILS
ST-3 PRECAST SECTIONS AND DETAILS
ST-4 END SECTION DETAILS
ST-5 END SECTION GRATING DETAILS
ST-6 BORING LOGS


## TOTAL BILL OF MATERIAL

| ITEM NO. | DESCRIPTION | UNIT | QUANTITY |
|---|---|---|---|
| 20700220 | POROUS GRANULAR EMBANKMENT | CU YD | 60 |
| 50102400 | CONCRETE REMOVAL | CU YD | 1.5 |
| 50200100 | STRUCTURE EXCAVATION | CU YD | 17 |
| 50300225 | CONCRETE STRUCTURES | CU YD | 6 |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 1,660 |
| 54001001 | BOX CULVERT END SECTIONS, CULVERT NO. 1 | EACH | 1 |
| 54002040 | EXPANSION BOLTS ⅜ INCH x 6 INCH | EACH | 12 |
| 54010404 | PRECAST CONCRETE BOX CULVERTS 4' X 4' | FOOT | 16 |
| X0327037 | SPECIAL GRATE NO. 1 | EACH | 1 |
| X0900064 | MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES | SQ YD | 21 |

## GENERAL NOTES

1. THE DESIGN FILL HEIGHT FOR THIS BOX IS 2.5 FT. THE PRECAST BOX CULVERT SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 1577.

2. DRAIN HOLES SHALL BE PROVIDED ON EXTERIOR CULVERT WALLS FOR EACH PRECAST BOX SEGMENT WITH A CLEAR RISE GREATER THAN 3 FT. THE DRAIN HOLE SHALL BE LOCATED WITHIN 1/3 OF THE CLEAR RISE OF THE BOX CULVERT, SHALL NOT INTERCEPT THE HAUNCH, AND SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 503.11 OF THE STANDARD SPECIFICATIONS.

3. THE 6 IN. THICK LAYER OF POROUS GRANULAR MATERIAL REQUIRED FOR THE PRECAST CONCRETE BOX CULVERT PER ART. 540.06 OF THE STANDARD SPECIFICATIONS SHALL ALSO APPLY TO THE END SECTION. THE COST OF THE POROUS GRANULAR MATERIAL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE OF THE WORK FOR WHICH IT IS REQUIRED.

4. NONWOVEN GEOTEXTILE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ART. 1080.01 OF THE STANDARD SPECIFICATIONS. THE MINIMUM WEIGHT OF THE FABRIC SHALL BE 6 OUNCES PER SQUARE YARD.

5. PRECAST CONCRETE BOX CULVERTS AND BOX CULVERT END SECTIONS SHALL BE BACKFILLED WITH POROUS GRANULAR EMBANKMENT BELOW THE TOP OF THE BOX CULVERT EXTENDING TO A VERTICAL PLANE 2 FT FROM THE EXTERIOR SIDES OF THE CULVERT, 2 FT FROM THE BACK FACE OF THE END SECTIONS, AND NOT CLOSER THAN 2 FT FROM THE FACE OF EMBANKMENT.

6. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 3/4" X 45° CHAMFER, EXCEPT WHERE SHOWN OTHERWISE. CHAMFER ON VERTICAL EDGES SHALL BE CONTINUED A MINIMUM OF ONE FOOT WITHIN FINISHED GROUND LEVEL.

7. REINFORCEMENT BARS, INCLUDING EPOXY-COATED REINFORCEMENT BARS, SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31 (ASTM A70), GRADE 60, DEFORMED BARS.

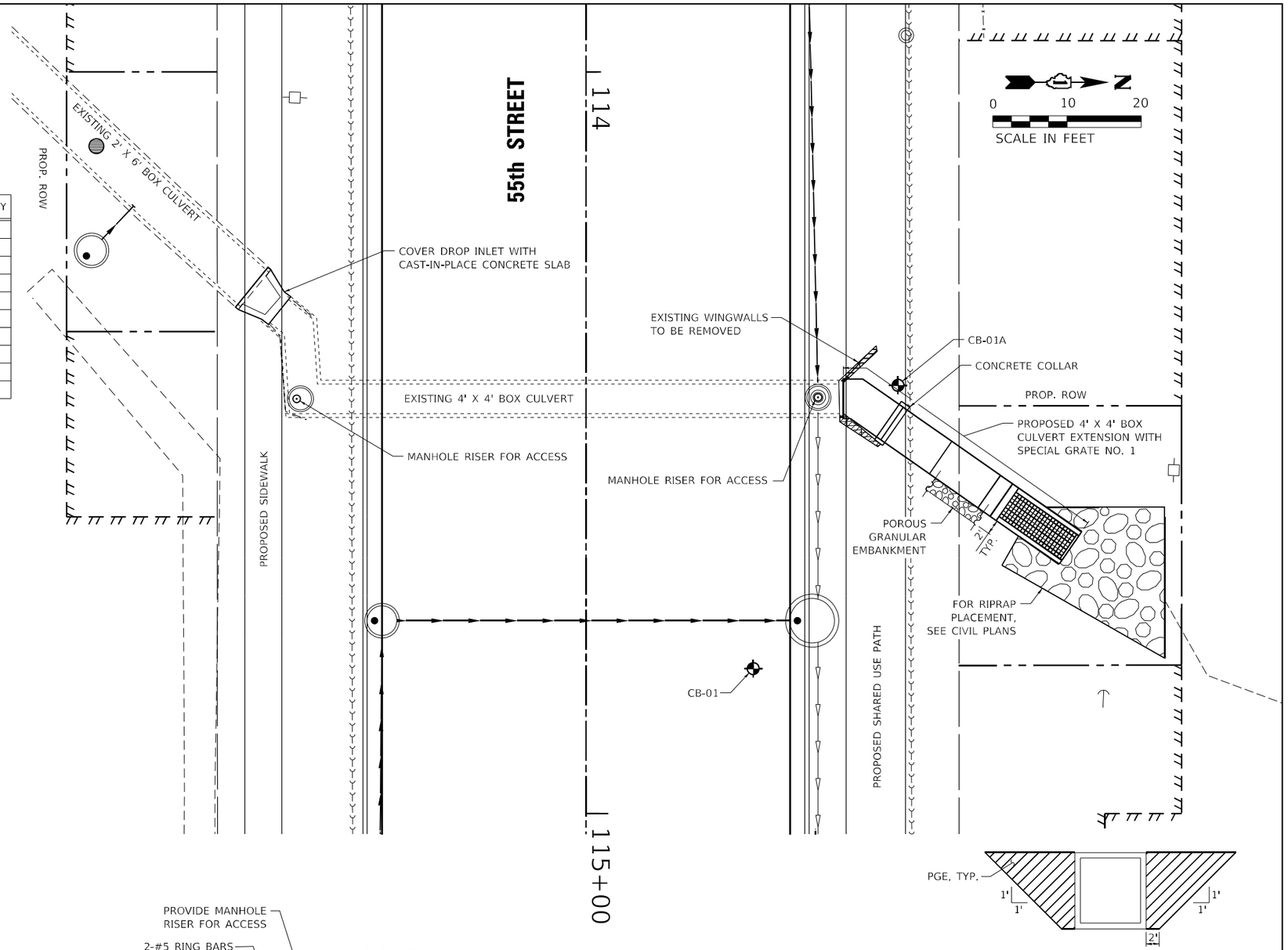
8. REINFORCEMENT BARS DESIGNATED "(E)" SHALL BE EPOXY COATED.

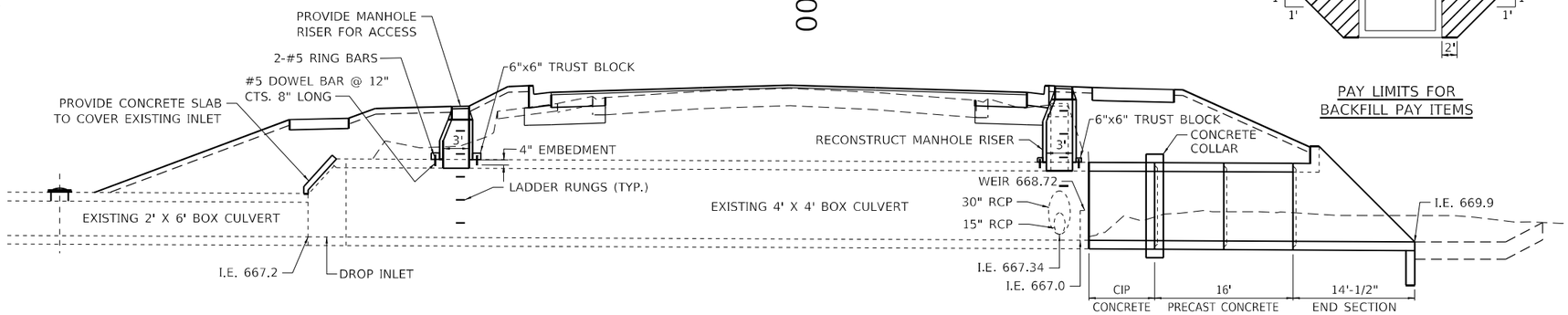
9. REINFORCEMENT BAR BENDING DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, ACI 315.

10. REINFORCEMENT BAR BENDING DIMENSIONS ARE OUT TO OUT.

11. COVER FROM THE FACE OF CONCRETE TO FACE OF REINFORCEMENT BARS SHALL BE 3" FOR SURFACES FORMED AGAINST EARTH AND 2" FOR ALL OTHER SURFACES UNLESS OTHERWISE SHOWN.

12. NO CONCRETE CUTTING SHALL BE PERMITTED UNTIL THE CUTTING LIMITS HAVE BEEN OUTLINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.





Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-614-0360
www.bowman.us.com


| | | | |
|---|---|---|---|
| USER NAME = atliemann | DESIGNED - RSH | REVISED - | |
| | DRAWN - JDK | REVISED - | |
| PLOT SCALE = 16.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 05/04/2023 | DATE - 05/04/2023 | REVISED - | |

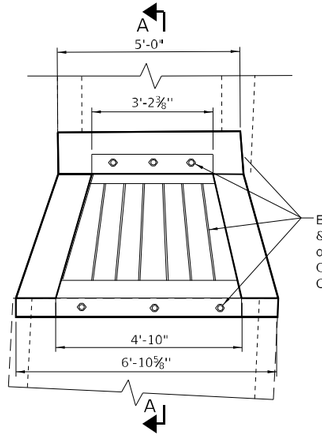
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED CULVERT EXTENSION AND MODIFICATION**
**GENERAL PLAN AND ELEVATION, NOTES, AND BILL OF MATERIAL**

SCALE: AS SHOWN | SHEET ST-1 OF 6 SHEETS | STA. | TO STA.

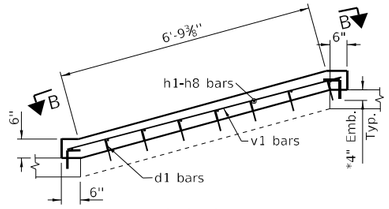
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 223 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-cnrnct-crb01.dgn

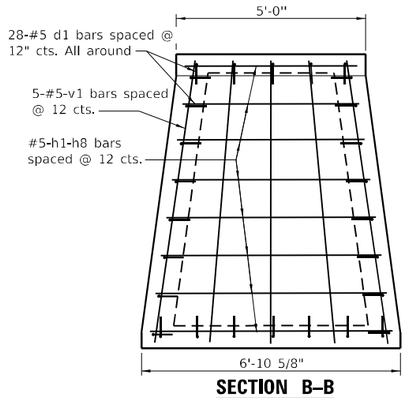



*Cost of dowel embedment included in Reinforcement Bars, Epoxy Coated

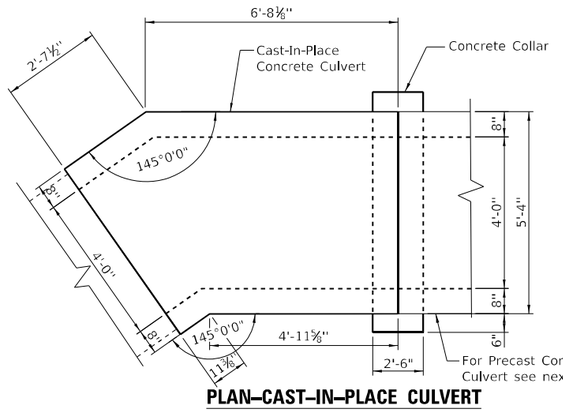
## PLAN–EXIST. CAST–IN–PLACE CONCRETE DROP DRAIN




## SECTION A–A



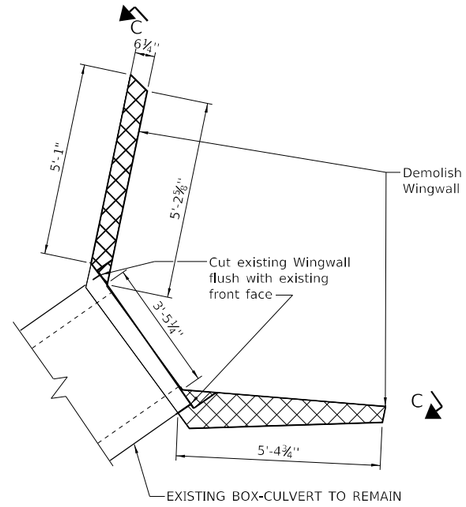

## SECTION B–B



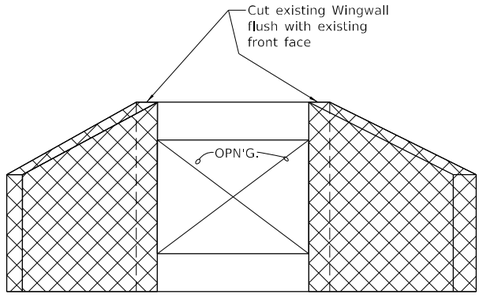

## PLAN–CAST–IN–PLACE CULVERT

## BILL OF MATERIAL

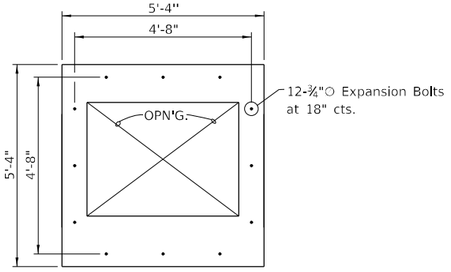
| Description | | | | |
|---|---|---|---|---|
| Bar | No. | Size | Length | Shape |
| d1(E) | 28 | #5 | 1'-1" | ⌐ |
| | | | | |
| h1(E) | 1 | #5 | 4'-6" | — |
| h2(E) | 1 | #5 | 4'-8" | — |
| h3(E) | 1 | #5 | 4'-11" | — |
| h4(E) | 1 | #5 | 5'-3" | — |
| h5(E) | 1 | #5 | 5'-6" | — |
| h6(E) | 1 | #5 | 5'-10" | — |
| h7(E) | 1 | #5 | 6'-2" | — |
| h8(E) | 1 | #5 | 6'-5" | — |
| h9(E) | 8 | #4 | 8'-8" | ⟋ |
| h10(E) | 4 | #4 | 8'-3" | ⟋ |
| h11(E) | 4 | #4 | 7'-7" | ⟋ |
| h12(E) | 4 | #4 | 7'-0" | ⟋ |
| h13(E) | 4 | #4 | 6'-4" | ⟋ |
| h14(E) | 8 | #4 | 5'-10" | ⟋ |
| h15(E) | 4 | #8 | 7'-0" | — |
| h16(E) | 5 | #8 | 13'-9" | U |
| h17(E) | 5 | #8 | 5'-10" | — |
| h18(E) | 10 | #8 | 7'-11" | ⌐ |
| h19(E) | 10 | #8 | 6'-3" | ⌐ |
| h20(E) | 10 | #8 | 4'-8" | ⌐ |
| | | | | |
| s1(E) | 40 | #5 | 1'-4" | — |
| s2(E) | 18 | #4 | 6'-6" | ▭ |
| s3(E) | 7 | #4 | 6'-8" | ▭ |
| | | | | |
| t1(E) | 32 | #5 | 5'-0" | — |
| t2(E) | 22 | #4 | 5'-0" | — |
| | | | | |
| v1(E) | 5 | #5 | 7'-1½" | — |
| v2(E) | 41 | #4 | 5'-0" | — |
| | | | | |
| Concrete Structures | | | Cu. Yd. | 6.0 |
| Reinforcement Bars, Epoxy Coated | | | Pound | 1660 |
| Expansion Bolts ¾"x6" | | | Each | 12 |



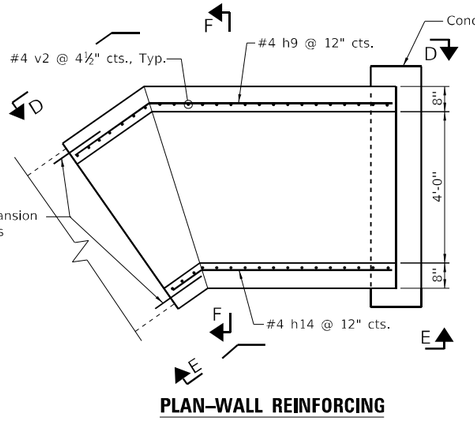

## EXISTING WINGWALL DEMOLISION–PLAN



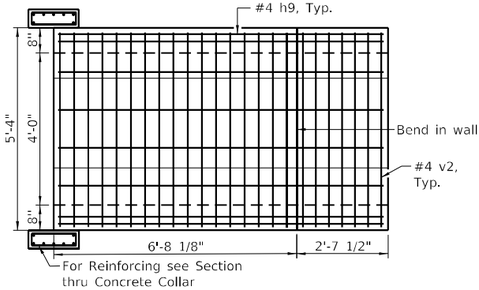

## SECTION C–C



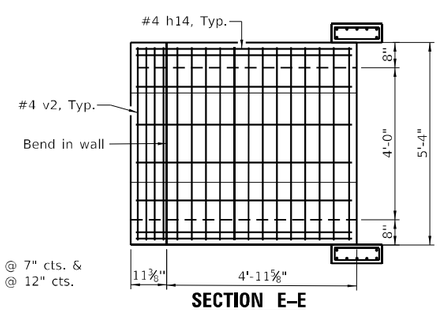

## EXISTING WALL ELEVATION EMBEDDED DOWEL LAYOUT



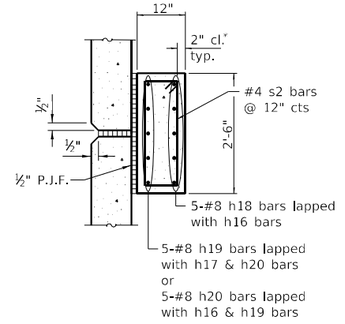

## PLAN–WALL REINFORCING



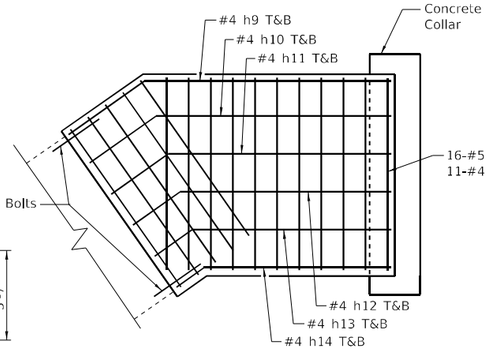

## SECTION D–D



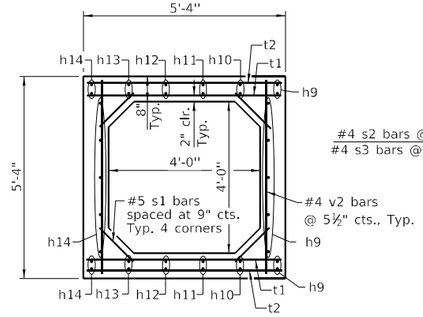

## SECTION E–E



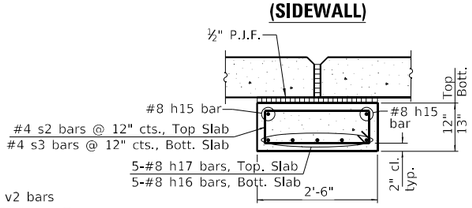

## SECTION THRU CONCRETE COLLAR (SIDEWALL)



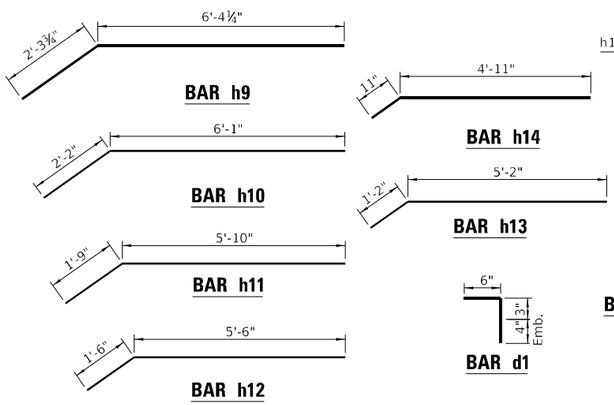

## TOP & BOTTOM SLAB REINFORCING PLAN

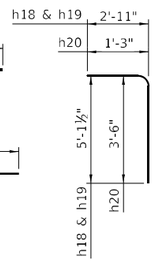



## SECTION F–F

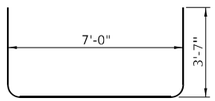



## SECTION THRU CONCRETE COLLAR (TOP AND BOTTOM SLAB)

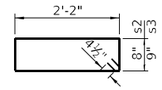



## BARS h18, h19, & h20




## BAR h16




## BARS s2 & s3

## LEGEND

-Concrete Removal

Note:
Expansion bolts shall be ¾" ∅ hooked bolts shall extend a minimum of 9" into new concrete.

MODEL: 2D
FILE NAME: X:\500 Drawings\502 C4DD Sheets\D1162G37-2H-structural02.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-445-0300
www.bowman.com

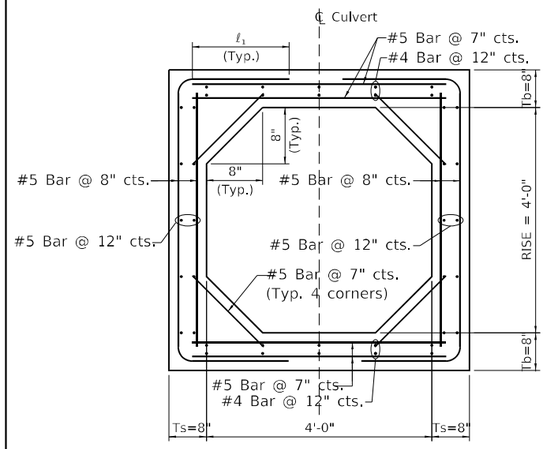
| | | | |
|---|---|---|---|
| USER NAME = atliemann | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| PLOT SCALE = 4.0 '/ in. | CHECKED - | REVISED - | |
| PLOT DATE = 05/04/2023 | DATE - | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

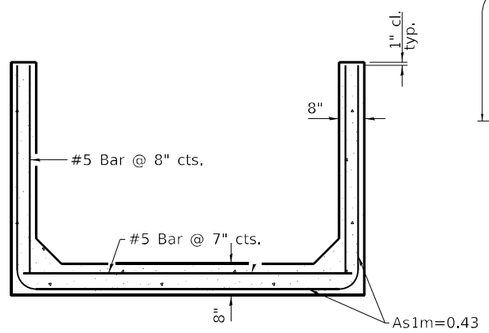
**PROPOSED CULVERT EXTENSION AND MODIFICATION**
**CAST IN PLACE SECTIONS AND DETAILS**

SCALE: | SHEET ST-2 OF 6 SHEETS | STA. | TO STA.

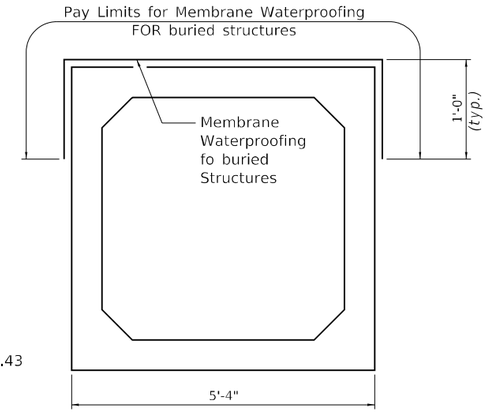
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 224 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |




SECTION C-C




SECTION D-D




SECTION THRU CULVERT
MEMBRANE WATERPROOFING DETAIL

## As1m REINFORCEMENT
(in.²/ ft)

| Ts (in.) \ Rise (ft) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 0.19 | 0.17 | | | | | | | | | |
| 5 | 0.26 | 0.21 | 0.18 | | | | | | | | |
| 6 | 0.22 | 0.26 | 0.23 | 0.22 | | | | | | | |
| 7 | 0.25 | 0.33 | 0.29 | 0.27 | 0.28 | | | | | | |
| 8 | 0.40 | 0.35 | 0.43 | 0.39 | 0.36 | 0.34 | 0.40 | | | | |
| 9 | 0.44 | 0.39 | 0.35 | 0.43 | 0.40 | 0.37 | 0.36 | 0.48 | | | |
| 10 | 0.48 | 0.42 | 0.38 | 0.47 | 0.44 | 0.41 | 0.38 | 0.42 | 0.56 | | |
| 11 | 0.52 | 0.45 | 0.54 | 0.50 | 0.46 | 0.44 | 0.41 | 0.46 | 0.50 | *0.65* | |
| 12 | 0.55 | 0.49 | 0.58 | 0.54 | 0.50 | 0.48 | 0.45 | 0.46 | 0.46 | *0.61* | *0.75* |

(As1m reinforcement based upon welded wire reinforcement conforming to AASHTO M 55 or M 221).

## $\ell_1$ DIMENSION

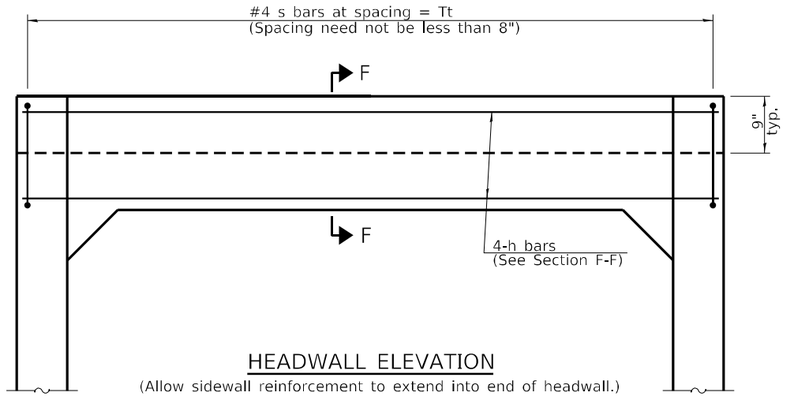
#3 bar = 2'-0"
#4 bar = 2'-8"
#5 bar = 3'-4"
#6 bar = 3'-11"

Notes:

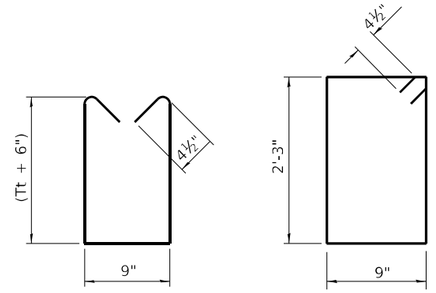
Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D-D.

The size and spacing of the v2 bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft.) equal to 1.10*(As1m). v2 bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

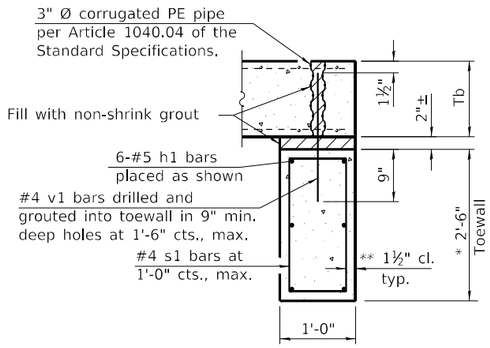
Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.




HEADWALL ELEVATION
(Allow sidewall reinforcement to extend into end of headwall.)




BAR s BAR s1



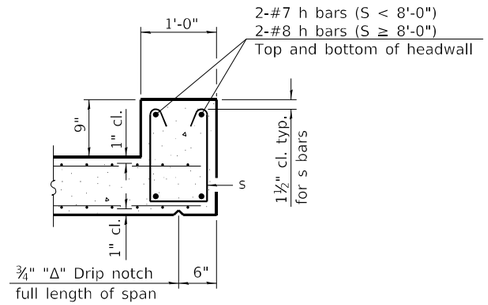

SECTION E-E

## TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling the method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.




SECTION F-F

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\02162G37-ph-structural03.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-419-0260
www.bowman.com

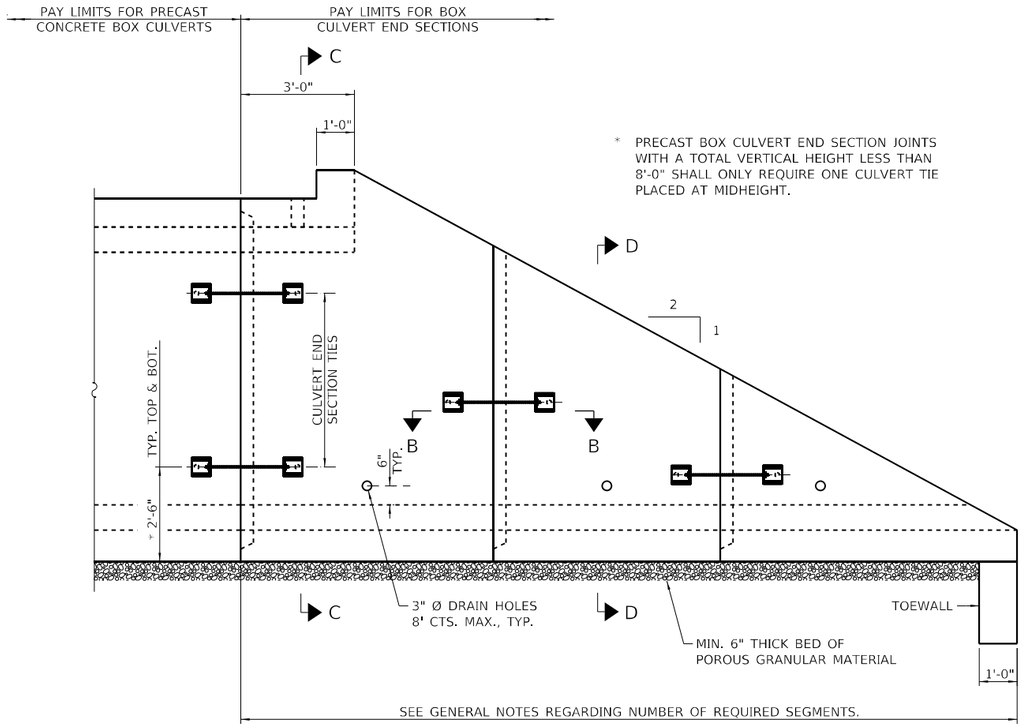
| | | | |
|---|---|---|---|
| USER NAME = atiemann | DESIGNED - RSH | REVISED - | |
| | DRAWN - JDK | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 05/04/2023 | DATE - 05/04/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

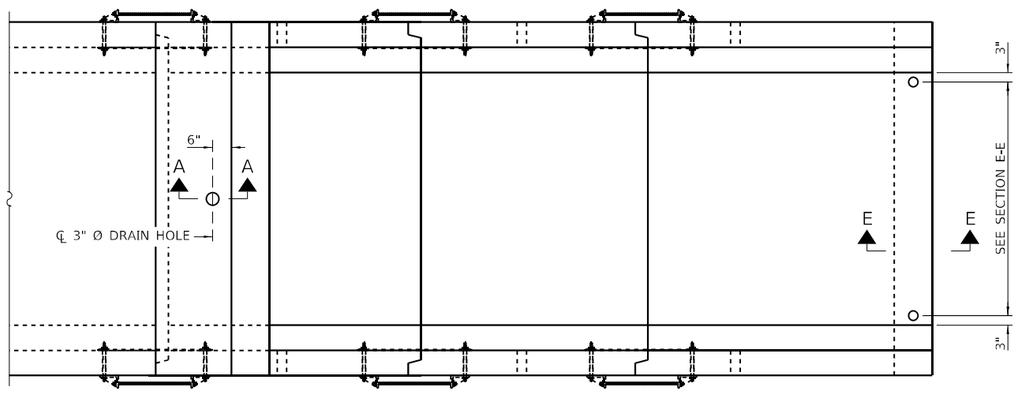
**PROPOSED CULVERT EXTENSION AND MODIFICATION**
**PRECAST SECTION AND DETAILS**

SCALE: N.T.S. | SHEET ST-3 OF 6 SHEETS | STA. | TO STA.

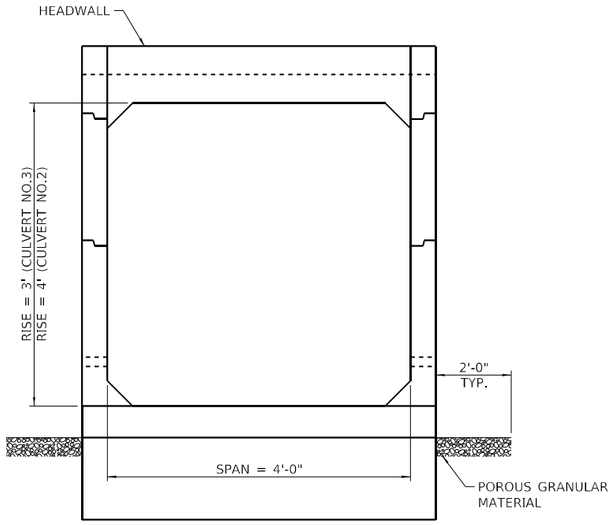
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 225 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |



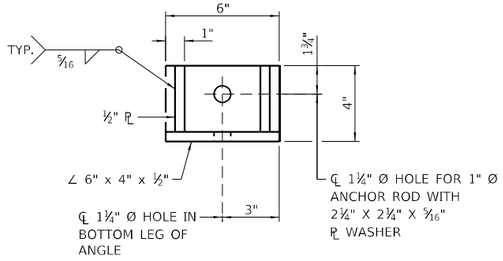

ELEVATION



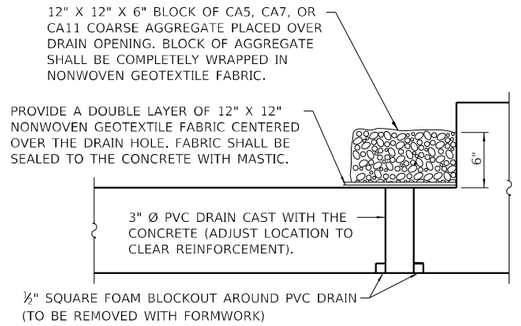

PLAN




END VIEW

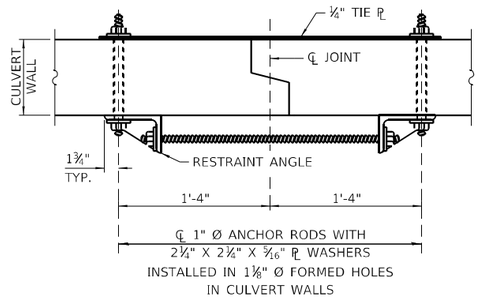



RESTRAINT ANGLE DETAIL



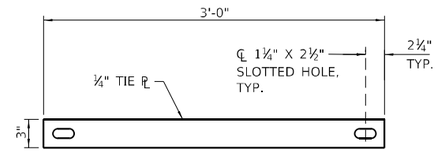

SECTION A-A

(ALL COSTS ASSOCIATED WITH FURNISHING AND CONSTRUCTING THE ABOVE DRAIN DETAIL WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ASSOCIATED WORK.)




SECTION B-B

(SHOWING END SECTION TIE DETAILS)




TIE PLATE DETAIL

## NOTES:

1. BOX CULVERT END SECTIONS SHALL BE CONSTRUCTED ACCORDING TO THE REQUIREMENTS OF SECTION 540 OF THE STANDARD SPECIFICATIONS EXCEPT AS MODIFIED HEREIN. THIS WORK WILL BE MEASURED FOR PAYMENT AS EACH, WITH EACH END OF EACH CULVERT BEING ONE EACH. END SECTIONS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR BOX CULVERT END SECTIONS OF THE CULVERT NUMBER SPECIFIED.
2. TYPICAL BOX SECTION DIMENSIONS, MATERIALS, AND REINFORCEMENT DETAILS FOR BOX CULVERT END SECTIONS SHALL BE ACCORDING TO THE REQUIREMENTS OF ASTM C 1577 AS REQUIRED FOR THE DESIGN OF THE PORTION OF THE CULVERT WITHIN THE LIMITS OF PRECAST CONCRETE BOX CULVERTS EXCEPT AS MODIFIED HEREIN.
3. NUMBER OF SEGMENTS SHOWN IN ELEVATION IS FOR EXAMPLE ONLY. LENGTH AND NUMBER OF PRECAST BOX SECTIONS REQUIRED TO CONSTRUCT BOX CULVERT END SECTIONS SHALL BE DETERMINED BY THE CONTRACTOR.
4. 1" Ø ANCHOR RODS FOR THE CULVERT TIES SHALL CONFORM TO THE REQUIREMENTS OF ASTM F1554, GRADE 105. STRUCTURAL STEEL FOR TIE PLATE AND RESTRAINT ANGLE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1006.04 OF THE STANDARD SPECIFICATIONS. ALL COMPONENTS OF THE CULVERT TIE DETAIL SHALL BE GALVANIZED ACCORDING TO THE REQUIREMENTS OF AASHTO M 111 OR M 232 AS APPLICABLE. 2¼" X 2¼" X 5/16" PLATE WASHERS SHALL BE PROVIDED UNDER EACH NUT REQUIRED FOR THE ANCHOR RODS. ANCHOR RODS CONNECTING PRECAST SECTIONS SHALL BE BROUGHT TO A SNUG TIGHT CONDITION FOLLOWED BY AN ADDITIONAL ½ TURN ON ONE OF THE NUTS FOR ANCHOR RODS INSTALLED IN THE WALLS. MATCH MARKS SHALL BE PROVIDED ON THE BOLT AND NUT TO VERIFY RELATIVE ROTATION BETWEEN THE BOLT AND THE NUT. HOLES IN THE WALLS FOR THE CULVERT TIE ASSEMBLY MAY BE DRILLED USING CORE BITS IN LIEU OF USING FORMED HOLES.
5. ALL COSTS ASSOCIATED WITH FURNISHING AND INSTALLING OR CONSTRUCTING THE TOEWALL AND CULVERT TIES WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR BOX CULVERT END SECTIONS OF THE CULVERT NUMBER SPECIFIED.
6. DRAIN HOLES SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 503.11 OF THE STANDARD SPECIFICATIONS UNLESS NOTED OTHERWISE.
7. NONWOVEN GEOTEXTILE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1080.01. THE MINIMUM WEIGHT OF THE FABRIC SHALL BE 6 OZ. / SQ. YD..

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0160
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = atiemann | DESIGNED - RSH | REVISED - | |
| | DRAWN - JDK | REVISED - | |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 05/04/2023 | DATE - 05/04/2023 | REVISED - | |

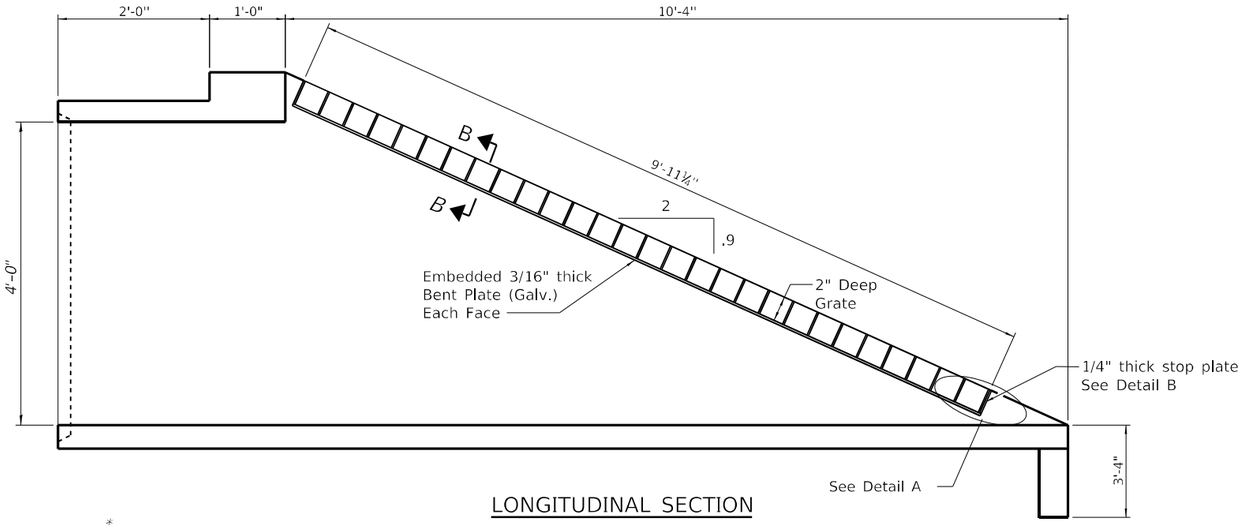
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED CULVERT EXTENSION AND MODIFICATION**
**END SECTION DETAILS**

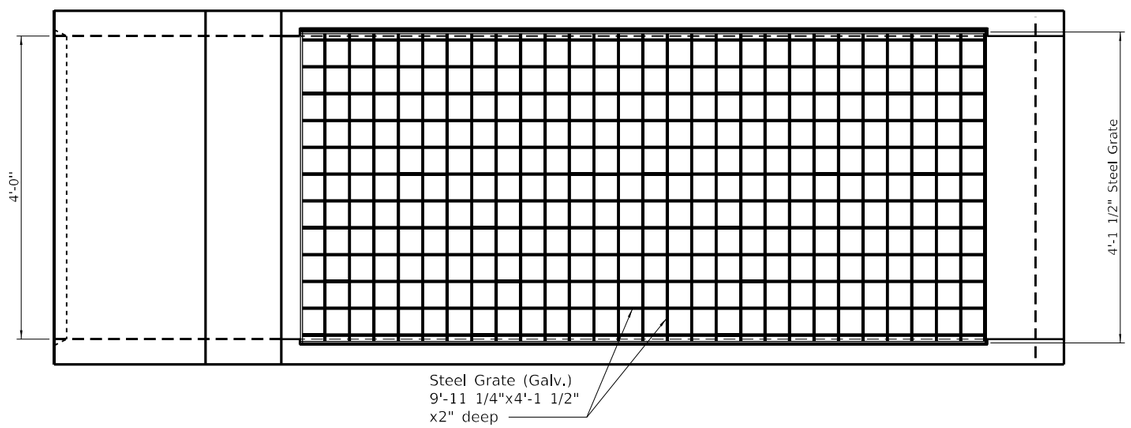
SCALE: N.T.S. | SHEET ST-4 OF 6 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 226 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 C4OD Sheets\D1162G37-sht-structural04.dgn



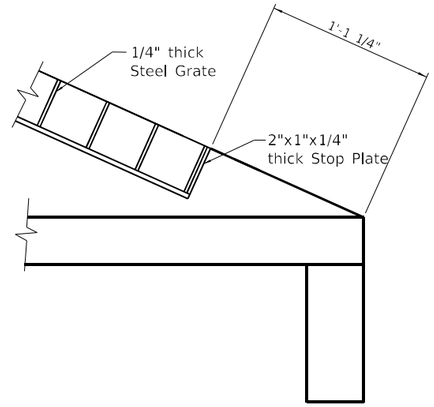

LONGITUDINAL SECTION



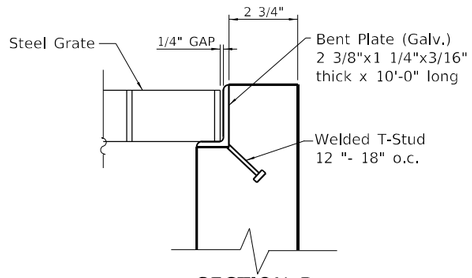

PLAN VIEW

## NOTES

1. All steel in steel grating assembly shall conform to ASTM A36.
2. Galvanize steel grate according to ASTM A123.
3. Weld steel grate assembly in accordance with AWS D1.1, Structural Welding Code-Steel.
4. The steel grate must be capable of supporting Live Load of 100 psf.
5. The steel grate must be approved by the Engineer prior to fabrication.




DETAIL A




SECTION B

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-str-crvcrt.rtab5.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - RSH | REVISED - |
| | DRAWN - JDK | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED CULVERT EXTENSION AND MODIFICATION**
**END SECTION GRATING DETAILS**

SCALE: N.T.S. | SHEET ST-5 OF 6 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 227 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS | FED. AID PROJECT | |

Illinois Department of Transportation
Division of Highways
Kaskaskia Engineering

# SOIL BORING LOG

Page 1 of 1

Date 8/26/19

**ROUTE** FAU 1504 **DESCRIPTION** 55th Street - Wolf Road to Brainard Avenue **LOGGED BY** KEG

**SECTION** 212-0103 N-1 **LOCATION** Cook County, IL, **SEC.** , **TWP.** , **RNG.** ,
**Latitude** 41.790189025, **Longitude** -87.884261991

**COUNTY** Cook County, IL **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** Auto

**STRUCT. NO.** _____
**Station** _____

**BORING NO.** CB-01
**Station** 114+80.92
**Offset** 16.5 ft LT
**Ground Surface Elev.** 675.20 ft

**Surface Water Elev.** _____ ft
**Stream Bed Elev.** _____ ft

**Groundwater Elev.:**
**First Encounter** _____ ft
**Upon Completion** _____ ft
**After** ____ **Hrs.** _____ ft

| | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|
| ASPHALT PAVEMENT: 5" 674.78 | | | | |
| CONCRETE PAVEMENT: 9" 674.03 | | | | |
| AGGREGATE BASE: 3" 673.78 | | | | |
| SILTY CLAY FILL: Dark gray<br>Poor Recovery | | 2 | | |
| | | 2<br>3 | 2.8<br>P | 22 |
| with gravel | | 0 | | |
| | | 1<br>2 | 1.2<br>B | 29 |
| 669.70 | -5 | | | |
| SILT: Dark gray, with organics | | 2 | | |
| | | 3<br>5 | 1.5<br>B | 34 |
| 667.20 | | | | |
| CLAY LOAM TILL: Brown, soft,<br>with trace organics anc gravel | | | 0.7 | 24 |
| LL = 59 PL=18 PI=41<br>Dry Density = 102.0 pcf | | ST | B | |
| | -10 | | | |
| | | 2 | | |
| | | 3<br>3 | 1.0<br>S | 24 |
| becomes stiff | | 4 | | |
| | | 5<br>9 | 2.4<br>B | 20 |
| | -15 | | | |
| becomes dark gray with trace sand | | 7 | | |
| | | 8<br>11 | 3.2<br>B | 16 |
| no more trace sand | | 5 | | |
| | | 6<br>7 | 2.1<br>B | 17 |
| 655.20 | -20 | | | |

End of Boring

**The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)**
**The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)**

**BBS, form 137 (Rev. 8-99)**

Illinois Department of Transportation

## Dynamic Cone Penetration Test

Date: 08/29/2019
Weather: Sunny, 70 Degrees
Inspector: CSO
Company (Consultants): Kaskaskia Eng. Group, LLC
Design No.: CB-01A
Sheet No.: 1/1
Contractor: Wang Engineering, Inc.

County: Cook
Section: 212-0103N1
Route: FAU 1504 (55th St.)
District: One
Contract No.: 62G37
Job No.: D-91-061-14
Project: 55th St. Wolf Rd to Brainard

☐ Subgrade ☒ Foundation

| Test Location [a] and Remarks [b] | Initial Depth | Depth [c] | 0-6" | 6"-12" | 12"-18" | 18"-24" | 24"-30" | 30"-36" |
|---|---|---|---|---|---|---|---|---|
| Sta. 114+42.03, 41.59 LT<br>Culvert Extension | Surf. EL. 669.2 | Blows | 1 | 4 | 4 | 5 | 30 | 13 |
| | | Rate [d] | 6" | 1.5" | 1.5" | 1.2" | 0.2" | 0.462" |
| | | IBV | 0.7 | 4.2 | 4.2 | 5.5 | 52.6 | 18.3 |
| | | $Q_u$ | 0.23 tsf | 1.33 tsf | 1.33 tsf | 1.76 tsf | 16.82 tsf | 5.86 tsf |
| | | Depth | | | | | | |
| | | Blows | | | | | | |
| | | Rate | | | | | | |
| | | IBV | | | | | | |
| | | $Q_u$ | | | | | | |
| | | Depth | | | | | | |
| | | Blows | | | | | | |
| | | Rate | | | | | | |
| | | IBV | | | | | | |
| | | $Q_u$ | | | | | | |
| | | Depth | | | | | | |
| | | Blows | | | | | | |
| | | Rate | | | | | | |
| | | IBV | | | | | | |
| | | $Q_u$ | | | | | | |
| | | Depth | | | | | | |
| | | Blows | | | | | | |
| | | Rate | | | | | | |
| | | IBV | | | | | | |
| | | $Q_u$ | | | | | | |

[a] Indicate station and offset.
[b] Include soil type, moisture, rutting, or cut/fill information as applicable.
[c] Depth is cumulative in inches.
[d] Rate is inches of penetration per blow.

Comments:

| Rate | IEV | $Q_u$* | Rate | IBV | $Q_u$* |
|---|---|---|---|---|---|
| 0.5 | 17 | 5.4 | 1.3 | 5 | 1.6 |
| 0.6 | 13 | 4.2 | 1.5 | 4 | 1.3 |
| 0.7 | 11 | 3.5 | 2.0 | 3 | 1.0 |
| 0.8 | 9 | 2.9 | 2.6 | 2 | 0.6 |
| 0.9 | 8 | 2.6 | 3.0 | 1.7 | 0.5 |
| 1.0 | 7 | 2.2 | 3.3 | 1.5 | 0.5 |
| 1.1 | 6 | 1.9 | 4.6 | 1 | 0.3 |
| 1.2 | 5.5 | 1.8 | >4.6 | <1 | <0.3 |

*$Q_u$ value calculated from IBV whole number.

$IBV = 10^{0.84 - 1.26 \times LOG(Rate)}$ $Q_u$ (tsf) = 0.32 x IBV

Printed 9/23/2019

BMPR SL30 (Rev. 03/17/10)

MODEL: 2D
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-alt-struct-ura06.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowman.com

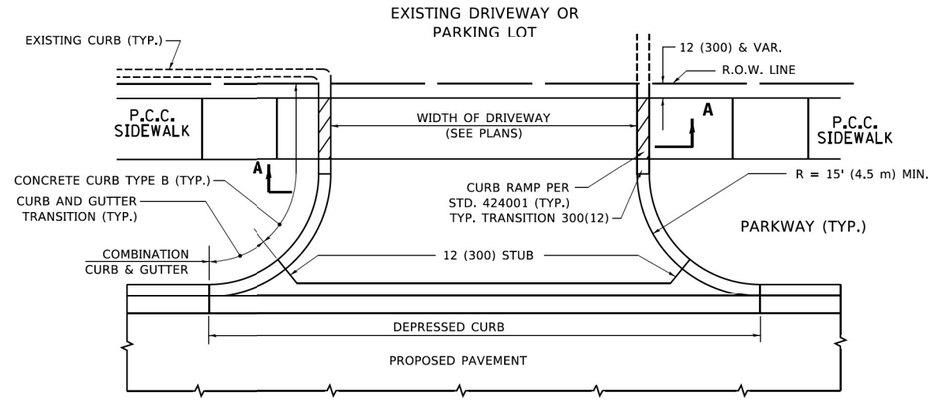
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - RSH | REVISED - | |
| | DRAWN - JDK | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 03/24/2023 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

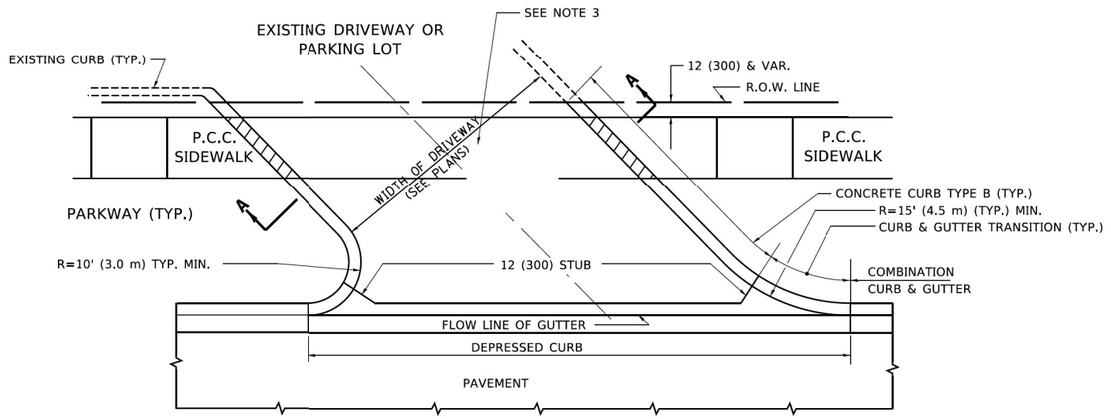
**PROPOSED CULVERT EXTENSION AND MODIFICATION**
**BORING LOGS**

SCALE: NONE | SHEET ST-6 OF 6 SHEETS | STA. | TO STA.

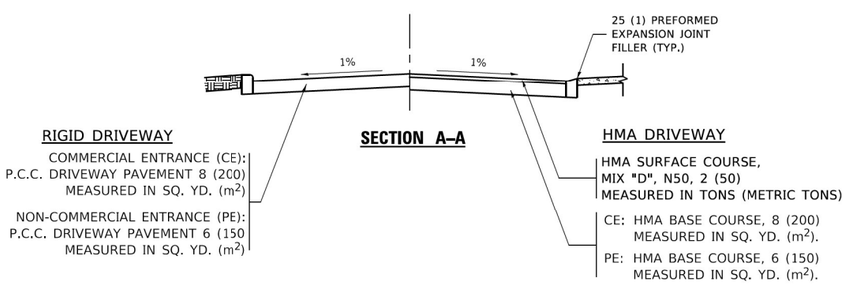
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 228 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

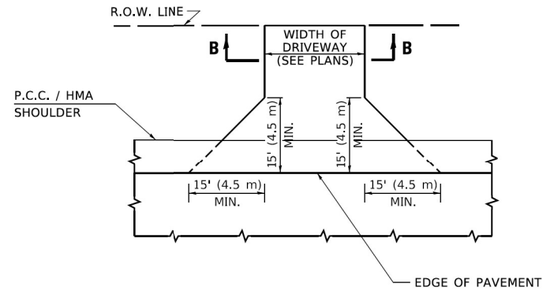



**WITH CONCRETE CURB, TYPE B**

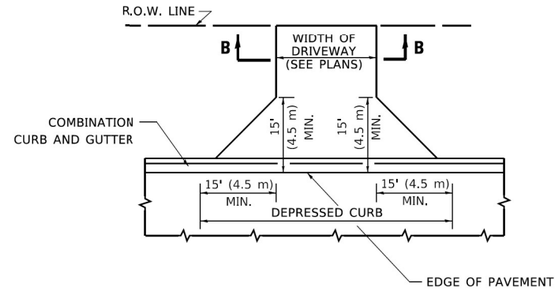



**WITH CONCRETE CURB, TYPE B**

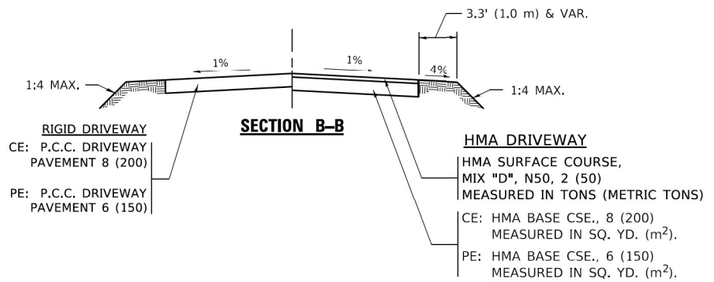



**ADJACENT TO P.C.C./HMA SHOULDER**




**ADJACENT TO CURB AND GUTTER**




RURAL FIELD ENTRANCE (FF)

HMA SURFACE COURSE,
MIX "D", N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200)
MEASURED IN SQ. YD. ($m^2$).

## GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

| |
|---|
| COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION. |
| 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK. |
| WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50. |

MODEL: Default
FILE NAME: pw:\\planroom.dot.illinois.gov:PWIDOT1Documents\IDOT Offices\District 1\Projects\Dist\Std22-341\CADData\CADsheetsIsbd01.dgn

Bowman
10 S. LaSalle Street, Suite 2100
Chicago, Illinois 60603
312-494-2300
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = footemj | DESIGNED - R. SHAH | REVISED - P. LaFLUER 04-15-03 | |
| | DRAWN - | REVISED - R. BORO 01-01-07 | |
| PLOT SCALE = 50.0000 ' / in. | CHECKED - | REVISED - R. BORO 06-11-08 | |
| PLOT DATE = 3/27/2019 | DATE - 11-04-95 | REVISED - R. BORO 09-06-11 | |

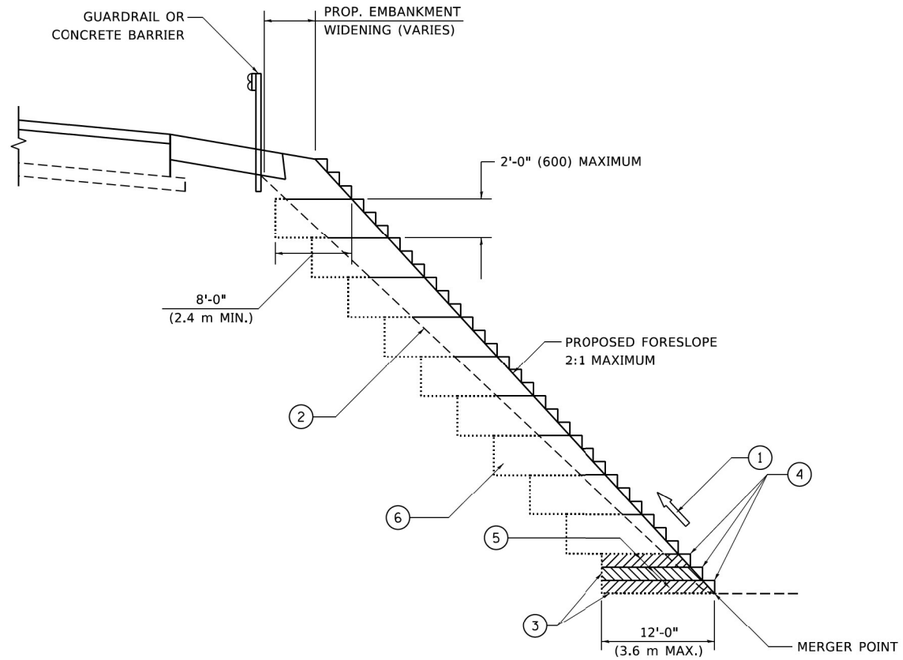
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥15'(4.5m)**

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 229 |
| | **BD400–01 (BD–01)** | CONTRACT NO. 62G37 | | |
| | | ILLINOIS FED. AID PROJECT | | |

bd01.dgn 3/27/2019 7:45:12 AM User:footemj




# TYPICAL BENCHING DETAIL FOR EMBANKMENT

NOTES:

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
6. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

Bowman
10 S. LaSalle Street, Suite 2100
Chicago, Illinois 60603
312-454-0300
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = footemj | DESIGNED - | | REVISED - |
| | DRAWN - CADD | | REVISED - |
| PLOT SCALE = 50.0000 ' / in. | CHECKED - S.E.B. | | REVISED - |
| PLOT DATE = 3/27/2019 | DATE - 06-16-04 | | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

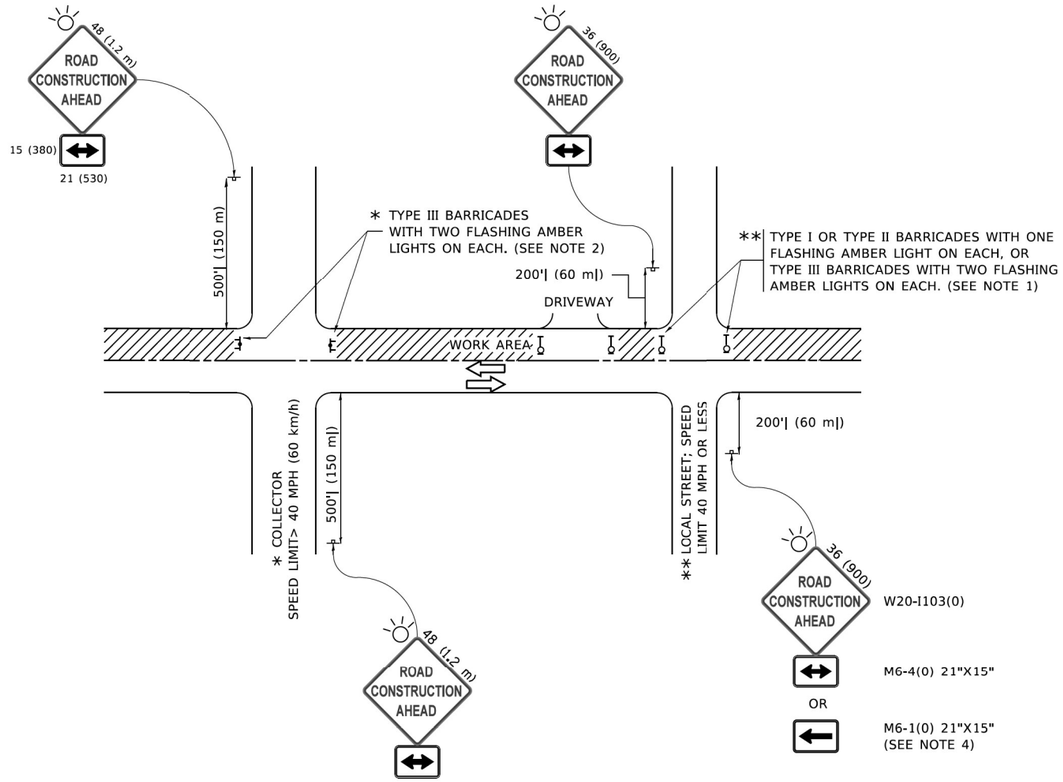
**BENCHING DETAIL**
**FOR EMBANKMENT WIDENING**

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 230 |
| | **BD-51** | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: pw:\\dlanroom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Std22x34\CADData\CADsheets\bd51.dgn

bd51.dgn 3/27/2019 8:15:34 AM User:footemj




## NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-456-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = footemj | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96 | |
| | DRAWN - | REVISED - T. RAMMACHER 01-06-00 | |
| PLOT SCALE = 50.0000 ' / in. | CHECKED - | REVISED - A. SCHUETZE 07-01-13 | |
| PLOT DATE = 3/4/2019 | DATE - 06-89 | REVISED - A. SCHUETZE 09-15-16 | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

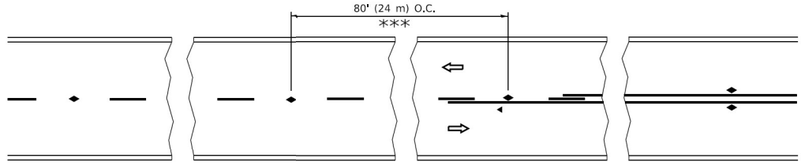
**TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 231 |
| | **TC-10** | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: pw:\\IL084EBDJNTEG.Illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADSheets\tc10.dgn

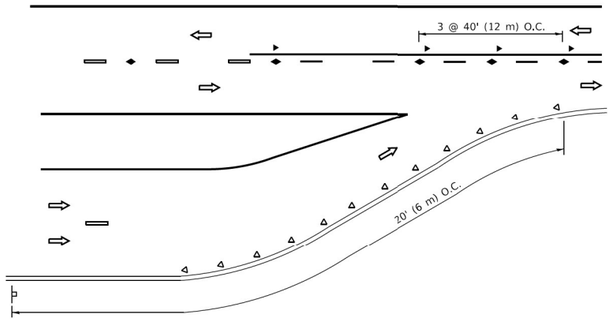
tc10.dgn 3/4/2019 10:27:07 AM User:footemj



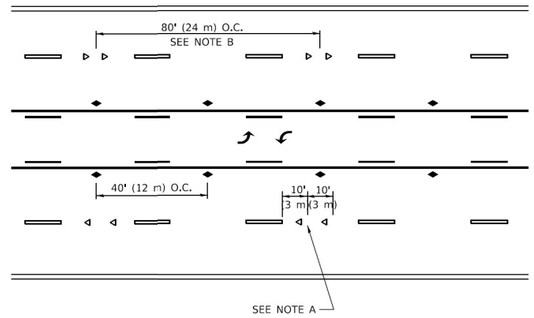

*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

## TWO–LANE/TWO–WAY

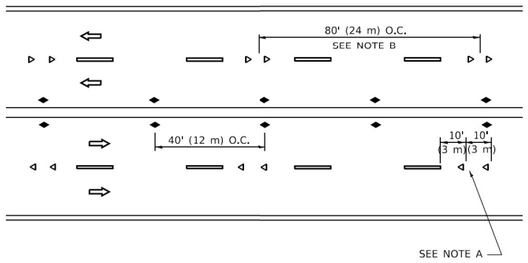
SEE FIGURE 3B-14 MUTCD



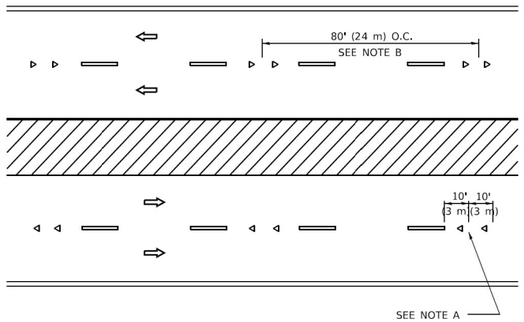

## LANE REDUCTION TRANSITION




## TWO–WAY LEFT TURN




## MULTI–LANE/UNDIVIDED




## MULTI–LANE/DIVIDED

## GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

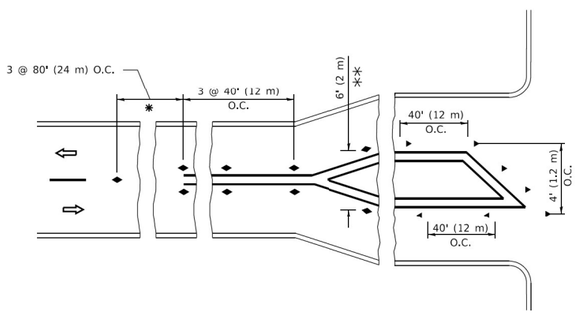
## SYMBOLS

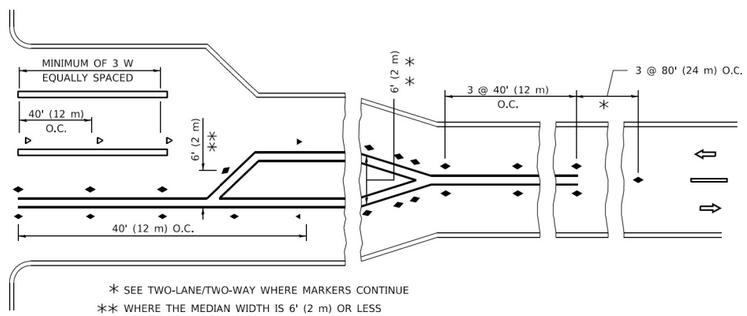
- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

## LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.




* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

## TURN LANES

## DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

All dimensions are in inches (millimeters) unless otherwise shown.

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = footemj | DESIGNED - | REVISED - T. RAMMACHER 03-12-99 | |
| | DRAWN - | REVISED - T. RAMMACHER 01-06-00 | |
| PLOT SCALE = 50.0000 ' / in. | CHECKED - | REVISED - C. JUCIUS 09-09-09 | |
| PLOT DATE = 3/4/2019 | DATE - | REVISED - C. JUCIUS 07-01-13 | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

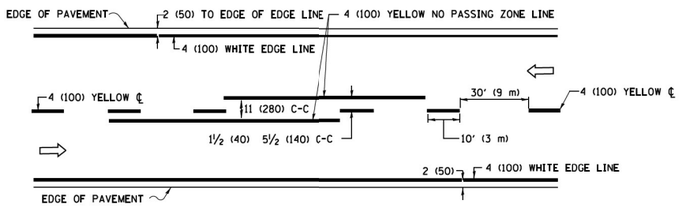
**TYPICAL APPLICATIONS**
**RAISED REFLECTIVE PAVEMENT MARKERS (SNOW–PLOW RESISTANT)**

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

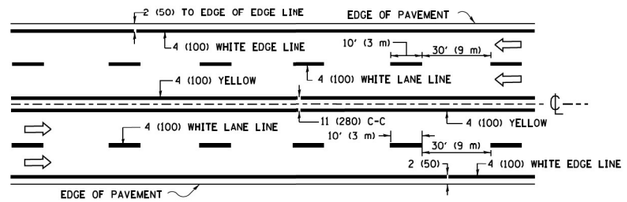
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 232 |
| | TC-11 | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: pw:\\IL084-EBIDNTE:Gillinois.gov:PWIDOTDocuments\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADSheets\tc11.dgn

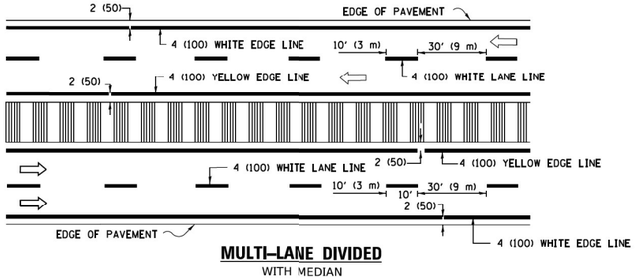
tc11.dgn 3/4/2019 10:29:08 AM User:footemj




## 2–LANE ROADWAY

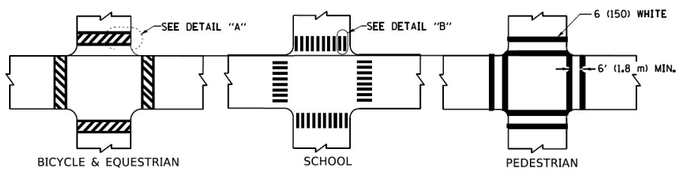


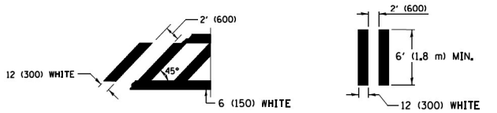

## MULTI–LANE UNDIVIDED




## MULTI–LANE DIVIDED
WITH MEDIAN

## TYPICAL LANE AND EDGE LINE MARKING

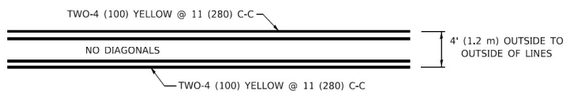


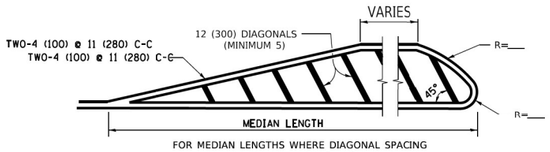

**DETAIL "A"** **DETAIL "B"**

## TYPICAL CROSSWALK MARKING

✱ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



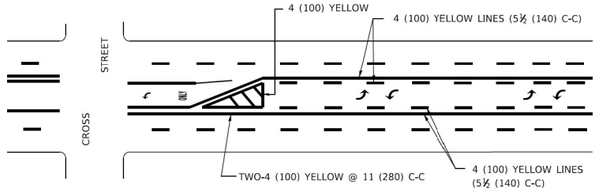

## 4' (1.2 m) WIDE MEDIANS ONLY



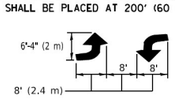

FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

## MEDIANS OVER 4' (1.2 m) WIDE

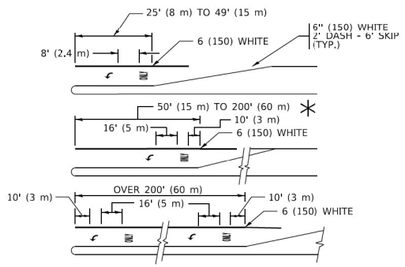



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.




## MEDIAN WITH TWO–WAY LEFT TURN LANE

## TYPICAL PAINTED MEDIAN MARKING

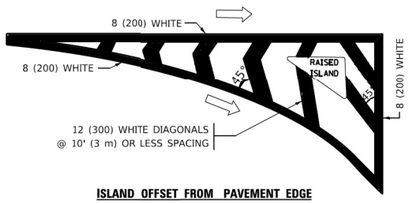



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m ²

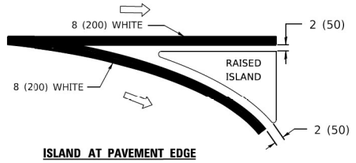
✱ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

## TYPICAL LEFT (OR RIGHT) TURN LANE

## TYPICAL TURN LANE MARKING

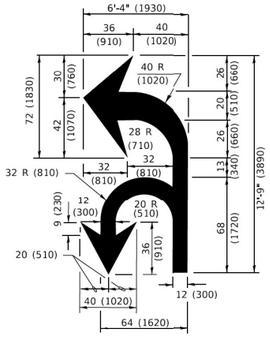



**ISLAND OFFSET FROM PAVEMENT EDGE**

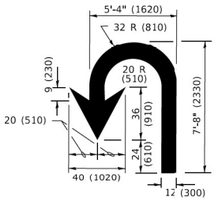



**ISLAND AT PAVEMENT EDGE**

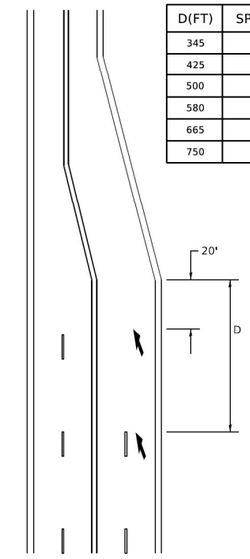
## TYPICAL ISLAND MARKING




## COMBINATION LEFT AND U–TURN




## U–TURN




| D(FT) | SPEED LIMIT |
|---|---|
| 345 | 30 |
| 425 | 35 |
| 500 | 40 |
| 580 | 45 |
| 665 | 50 |
| 750 | 55 |

## LANE REDUCTION TRANSITION

✱ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

| TYPE OF MARKING | WIDTH OF LINE | PATTERN | COLOR | SPACING / REMARKS |
|---|---|---|---|---|
| CENTERLINE ON 2 LANE PAVEMENT | 4 (100) | SKIP-DASH | YELLOW | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT | 2 @ 4 (100) | SOLID | YELLOW | 11 (280) C-C |
| NO PASSING ZONE LINES:<br>FOR ONE DIRECTION<br>FOR BOTH DIRECTIONS | 4 (100)<br>2 @ 4 (100) | SOLID<br>SOLID | YELLOW<br>YELLOW | 5½ (140) C-C FROM SKIP-DASH CENTERLINE<br>11 (280) C-C<br>OMIT SKIP-DASH CENTERLINE BETWEEN |
| LANE LINES | 4 (100)<br>5 (125) ON FREEWAYS | SKIP-DASH<br>SKIP-DASH | WHITE<br>WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| DOTTED LINES<br>(EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS) | SAME AS LINE BEING EXTENDED | SKIP-DASH | SAME AS LINE BEING EXTENDED | 2' (600) LINE WITH 6' (1.8 m) SPACE |
| EDGE LINES | 4 (100) | SOLID | YELLOW-LEFT<br>WHITE-RIGHT | OUTLINE MEDIANS IN YELLOW |
| TURN LANE MARKINGS | 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) | SOLID | WHITE | SEE TYPICAL TURN LANE MARKING DETAIL |
| TWO WAY LEFT TURN MARKING | 2 @ 4 (100)<br>EACH DIRECTION<br><br>8' (2.4m) LEFT ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW<br><br>WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE<br>SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES (PEDESTRIAN)<br>A. DIAGONALS (BIKE & EQUESTRIAN)<br>B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150)<br>12 (300) @ 45°<br>12 (300) @ 90° | SOLID<br>SOLID<br>SOLID | WHITE<br>WHITE<br>WHITE | NOT LESS THAN 6' (1.8 m) APART<br>2' (600) APART<br>2' (600) APART<br>SEE TYPICAL CROSSWALK MARKING DETAILS. |
| STOP LINES | 24 (600) | SOLID | WHITE | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE |
| PAINTED MEDIANS | 2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°<br>NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID | YELLOW:<br>TWO WAY TRAFFIC<br>WHITE:<br>ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE<br>SEE TYPICAL PAINTED MEDIAN MARKING. |
| GORE MARKING AND CHANNELIZING LINES | 8 (200) WITH 12 (300) DIAGONALS @ 45° | SOLID | WHITE | DIAGONALS:<br>15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h))<br>20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))<br>30' (9 m) C-C (OVER 45MPH (70 km/h)) |
| RAILROAD CROSSING | 24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X" | SOLID | WHITE | SEE STATE STANDARD 780001<br>AREA OF:<br>"R"=3.6 SQ. FT. (0.33 m ² EACH<br>"X"=54.0 SQ. FT. (5.0 m ² |
| SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8' ) | 12 (300) @ 45° | SOLID | WHITE - RIGHT<br>YELLOW - LEFT | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))<br>75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h))<br>150' (45 m) C-C (OVER 45MPH (70 km/h)) |
| U TURN ARROW | SEE DETAIL | SOLID | WHITE | 16.3 SF |
| 2 ARROW COMBINATION LEFT AND U TURN | SEE DETAIL | SOLID | WHITE | 30.4 SF |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Default
FILE NAME: pw:\\IL084EIDINTEC.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist St\d22x34\CADData\CADsheets\tc13.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowman.com

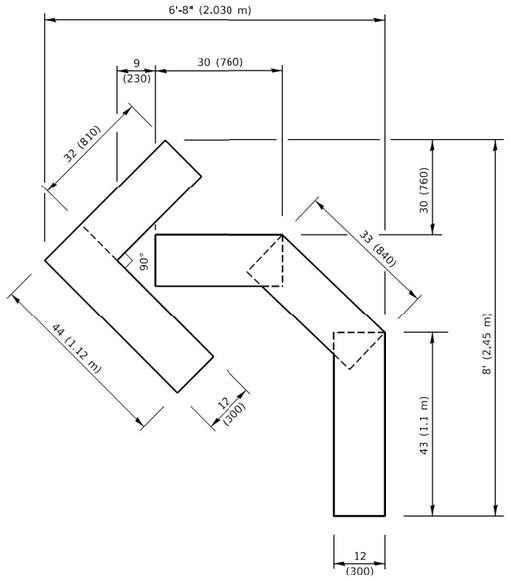
| | | | |
|---|---|---|---|
| USER NAME = footemj | DESIGNED - EVERS | REVISED - C. JUCIUS 09-09-09 | |
| | DRAWN - | REVISED - C. JUCIUS 07-01-13 | |
| PLOT SCALE = 50.0000 ' / in. | CHECKED - | REVISED - C. JUCIUS 12-21-15 | |
| PLOT DATE = 3/4/2019 | DATE - 03-19-90 | REVISED - C. JUCIUS 04-12-16 | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**TYPICAL PAVEMENT MARKINGS**

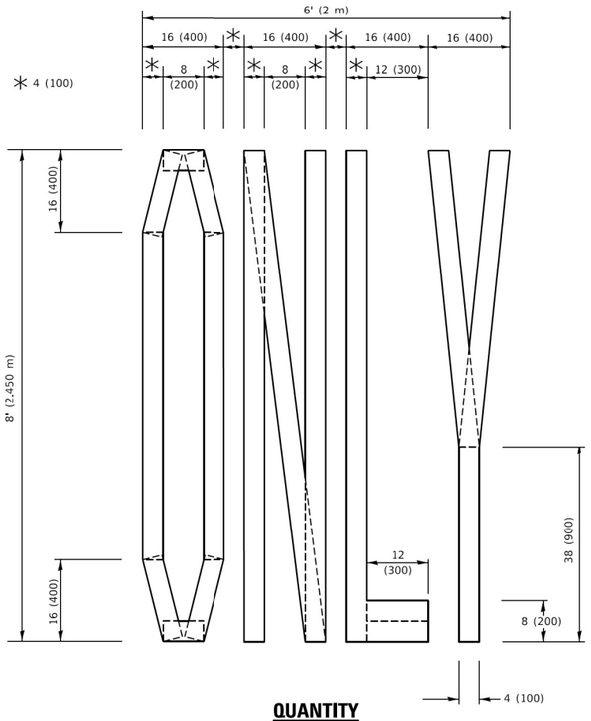
SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 233 |
| | TC–13 | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |



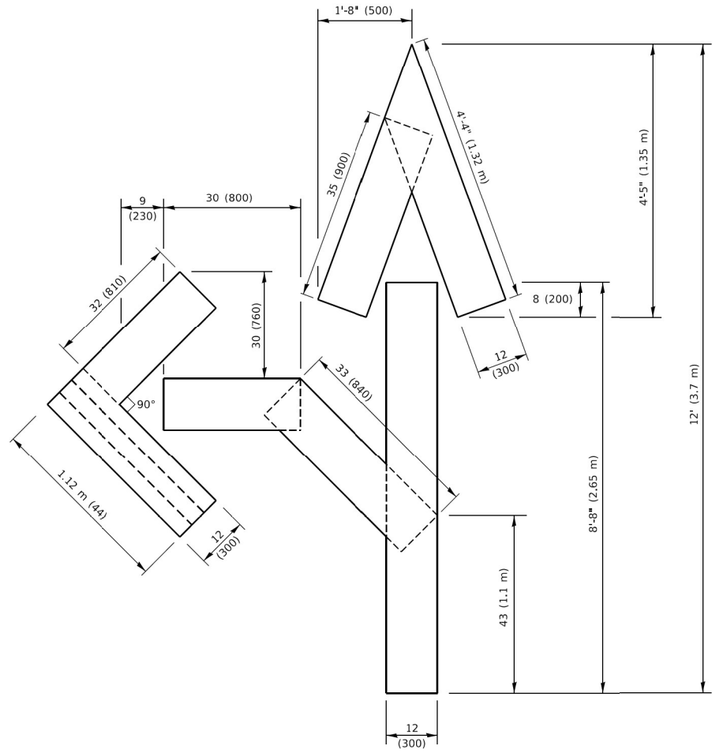

**QUANTITY**

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)




**QUANTITY**

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

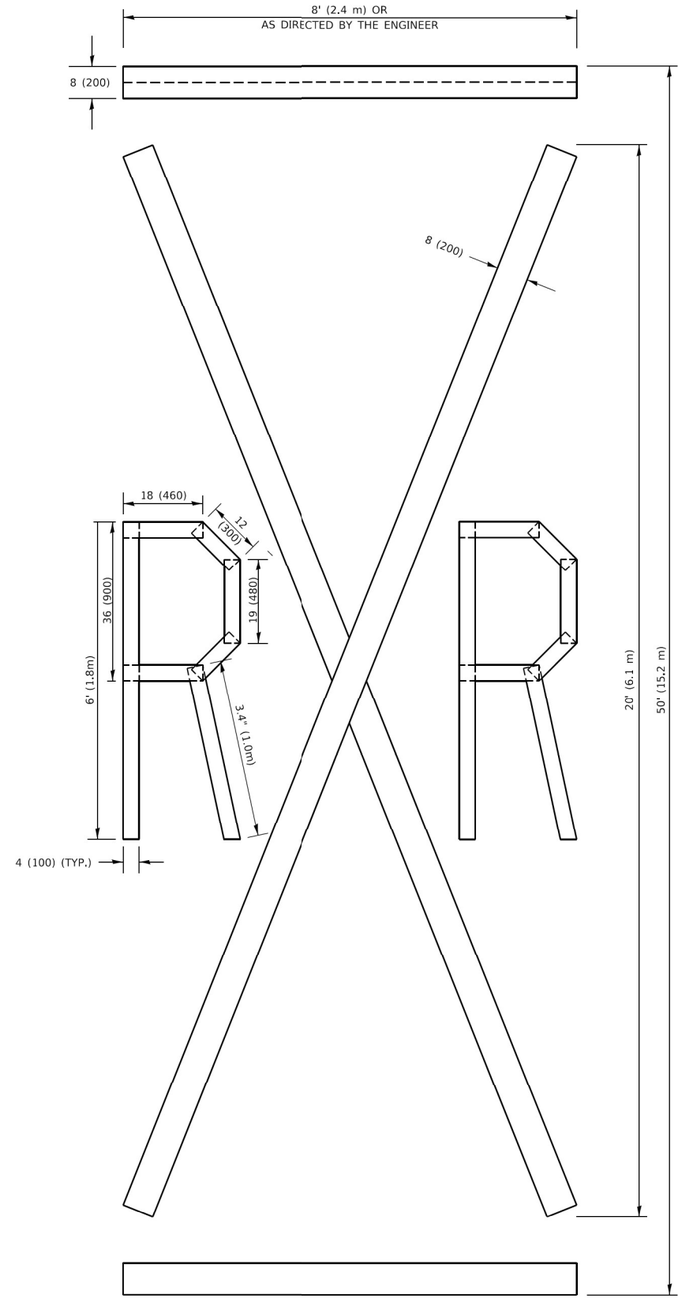



**QUANTITY**

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.




**QUANTITY**

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Default
FILE NAME: pw:\\IL084:EIDINTEG.Illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADsheets\tc16.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = footemj | DESIGNED - | REVISED - T. RAMMACHER 03-02-98 |
| | DRAWN - | REVISED - E. GOMEZ 08-28-00 |
| PLOT SCALE = 50.0068 ' / in. | CHECKED - | REVISED - E. GOMEZ 08-28-00 |
| PLOT DATE = 3/4/2019 | DATE - 09-18-94 | REVISED - A. SCHUETZE 09-15-16 |

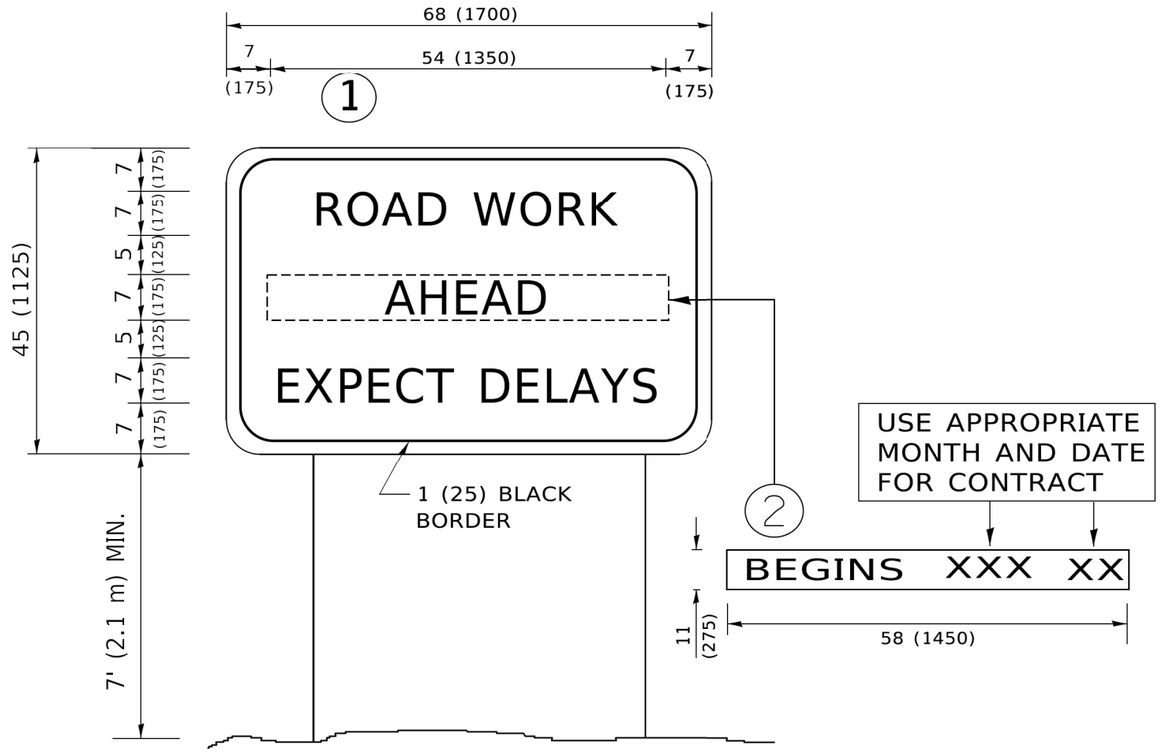
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 234 |
| | **TC-16** | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

tc16.dgn 3/4/2019 10:37:35 AM User=footemj




## NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-494-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = footemj | DESIGNED - | REVISED - | R. MIRS 09-15-97 |
| | DRAWN - | REVISED - | R. MIRS 12-11-97 |
| PLOT SCALE = 50.0000 ' / in. | CHECKED - | REVISED - | T. RAMMACHER 02-02-99 |
| PLOT DATE = 3/4/2019 | DATE - | REVISED - | C. JUCIUS 01-31-07 |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

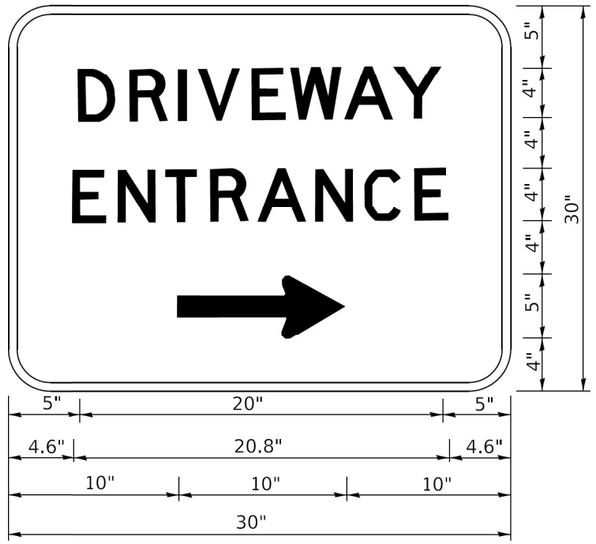
**ARTERIAL ROAD INFORMATION SIGN**

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 235 |
| | TC-22 | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.Illinois.gov:PWIDOTIDocuments\IDOT Offices\District 1\Projects\D6x15022x34\CADData\CADsheets\tc22.dgn

tc22.dgn 3/4/2019 10:49:10 AM User:rfootemj




3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADsheets\tc26.dgn

Bowman
10 S. LaSalle Street, Suite 2110
Chicago, Illinois 60603
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = footemj | DESIGNED - | REVISED - C. JUCIUS 02-15-07 |
| | DRAWN - | REVISED - |
| PLOT SCALE = 50.0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/4/2019 | DATE - | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 236 |
| | **TC-26** | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

tc26.dgn 3/4/2019 10:59:25 AM lisa.footemj

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

55TH STREET ℄

MATCH EXIST X-SLOPE

664.41 664.71 664.68 664.47

665.38 665.72 665.68 665.43

666.16 666.47 666.50 666.28

STAGE 1
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

STAGE 2
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

**56+00.00** **55+50.00** **55+00.00** **54+50.00** **54+00.00** **53+50.00** **53+00.00**

670 665 660 675

0 10 20 30 40 50 60 70 80 90

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

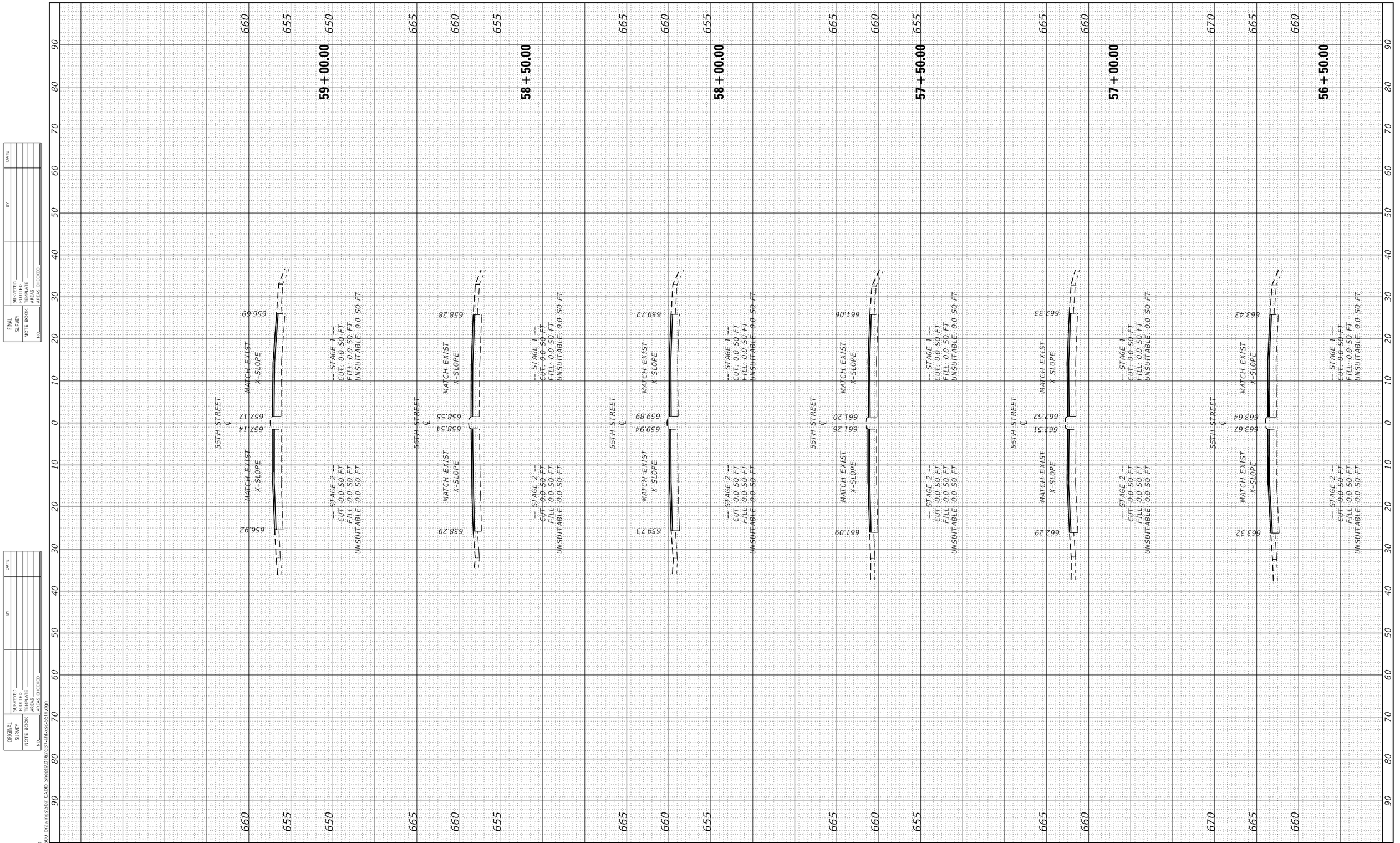
SCALE: 1"=10'H:1"=5'V | SHEET 1 OF 44 SHEETS | STA. 53+00.00 TO STA. 56+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 237 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn




| Bowman | USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
|---|---|---|---|
| 311 S. Wacker Drive, Suite 1950 Chicago, Illinois 60606 312-454-0360 www.bowman.com | | DRAWN - JDW | REVISED - |
| | PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

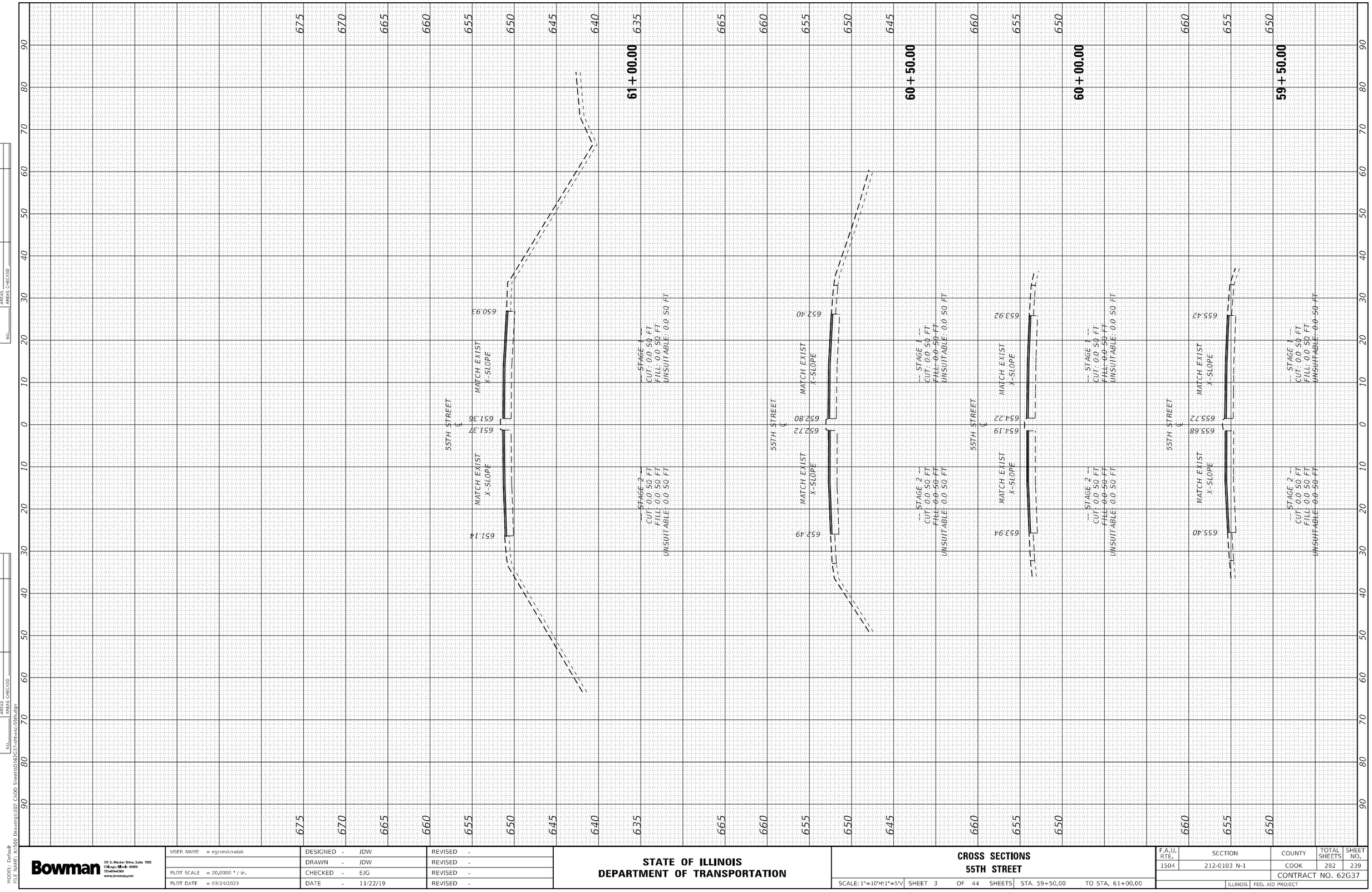
**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 2 OF 44 SHEETS | STA. 56+50.00 TO STA. 59+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 238 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanry.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

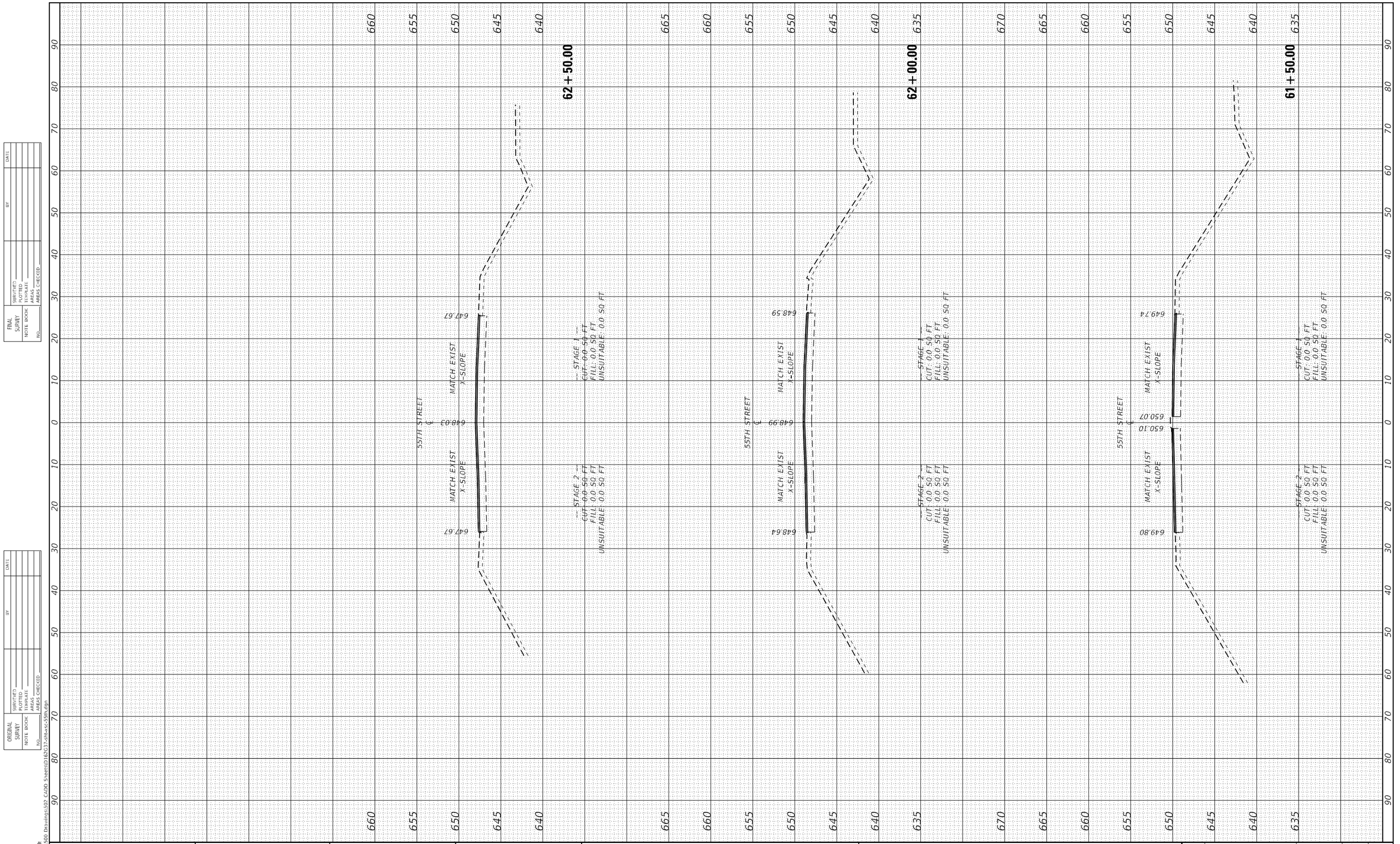
**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 3 OF 44 SHEETS | STA. 59+50.00 TO STA. 61+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 239 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CAD Sheets\D162G37-sht-xsc-55th.dgn

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, IL 60606
312-614-4360
www.bowman.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 4 OF 44 SHEETS | STA. 61+50.00 TO STA. 62+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 240 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

**65 + 00.00**

55TH STREET ℄
645.86
MATCH EXIST X-SLOPE
645.58
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
-- STAGE 2 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
EX. SS

**64 + 50.00**

55TH STREET ℄
645.95
MATCH EXIST X-SLOPE
645.64
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
-- STAGE 2 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

**64 + 00.00**

55TH STREET ℄
646.15
MATCH EXIST X-SLOPE
645.82
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
-- STAGE 2 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

**63 + 50.00**

55TH STREET ℄
646.63
MATCH EXIST X-SLOPE
646.25
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
-- STAGE 2 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

**63 + 00.00**

55TH STREET ℄
647.23
MATCH EXIST X-SLOPE
646.85
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
-- STAGE 2 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

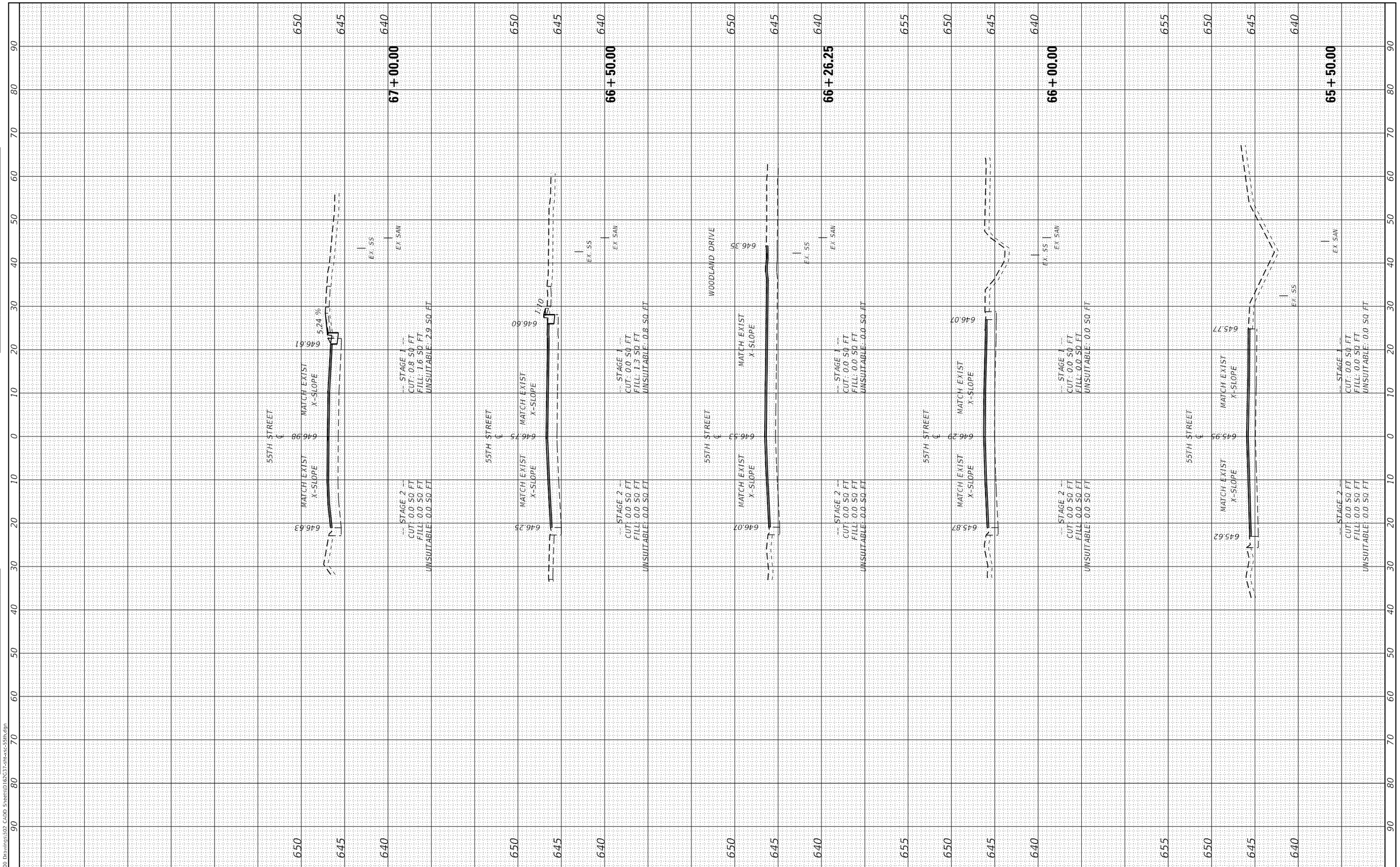
SCALE: 1"=10'H:1"=5'V | SHEET 5 OF 44 SHEETS | STA. 63+00.00 TO STA. 65+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 241 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn




| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

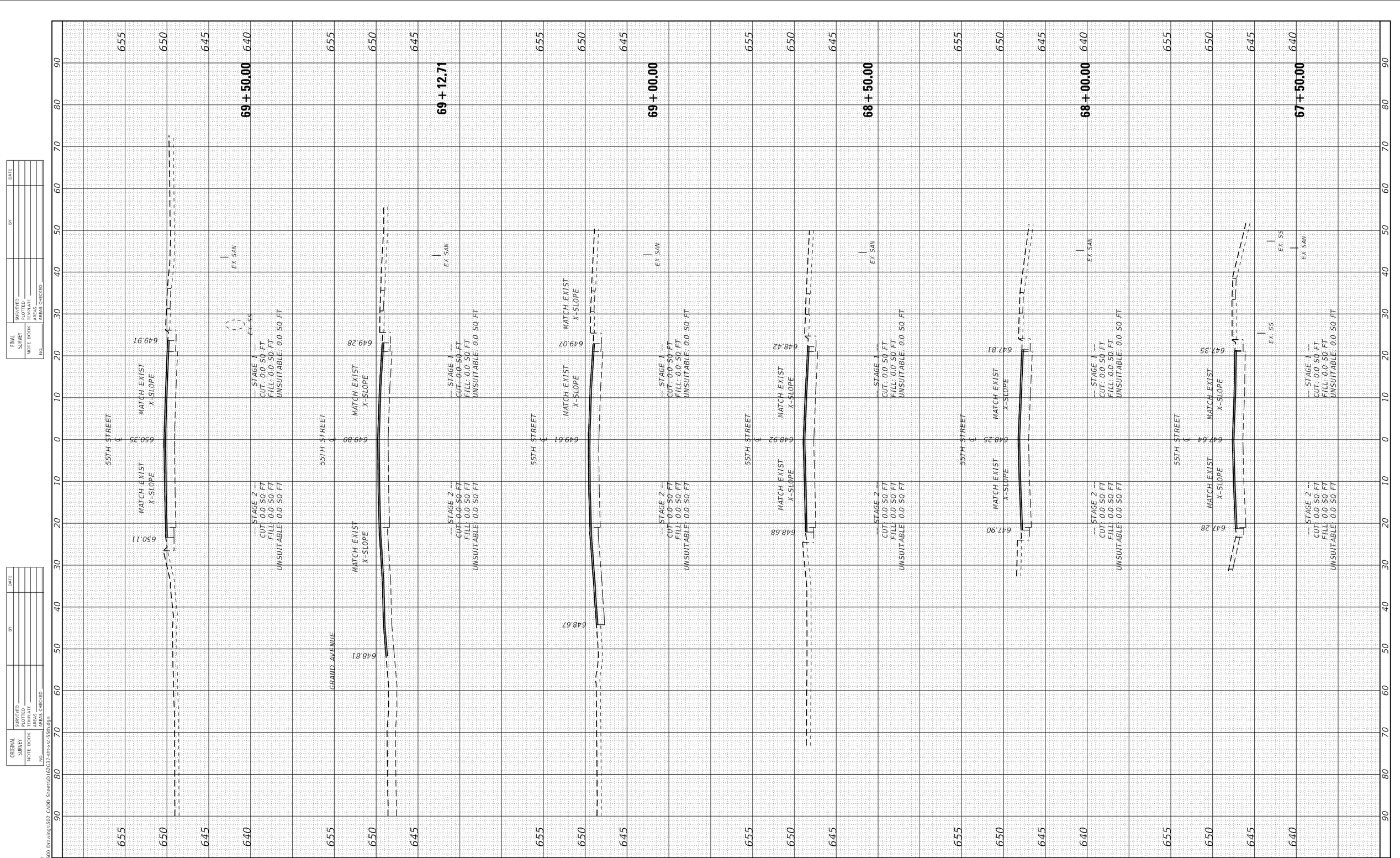

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-456-4360
www.bowman.com


**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 6 OF 44 SHEETS | STA. 65+50.00 TO STA. 67+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 242 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

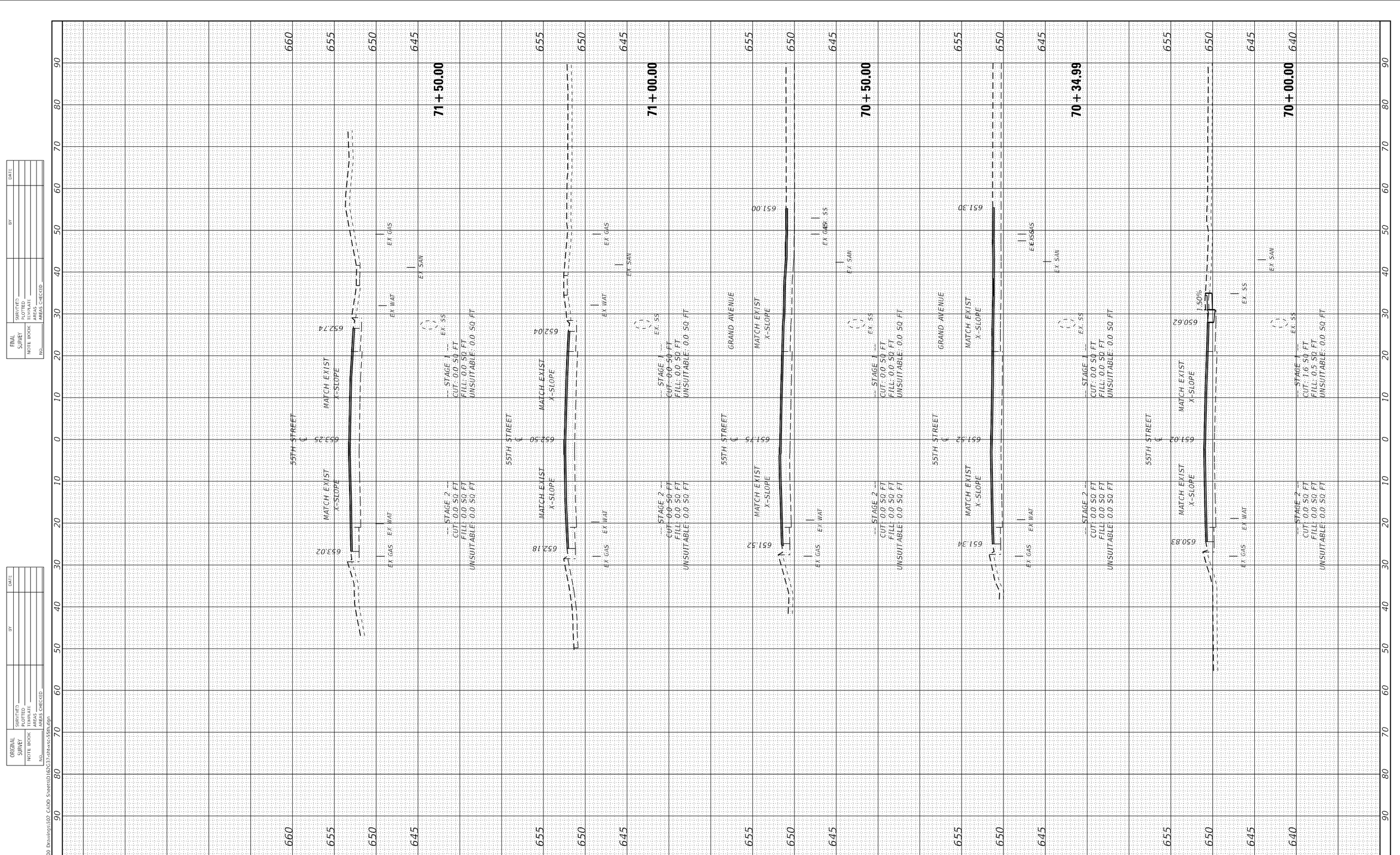
SCALE: 1"=10'H:1"=5'V | SHEET 7 OF 44 SHEETS | STA. 67+50.00 | TO STA. 69+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 243 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn




| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-464-7360
www.bowman.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 8 OF 44 SHEETS | STA. 70+00.00 TO STA. 71+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 244 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

55TH STREET
℄ 656.24
MATCH EXIST X-SLOPE
655.62
EX WAT
EX GAS
EX SAN
EX SS
73+50.00
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
HERITAGE COURT
LAWN AVENUE
655.64
-- STAGE 2 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

55TH STREET
℄ 655.44
MATCH EXIST X-SLOPE
654.85
EX WAT
EX GAS
EX SAN
EX SS
73+00.00
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
655.18
EX GAS EX WAT
-- STAGE 2 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

55TH STREET
℄ 654.74
MATCH EXIST X-SLOPE
654.17
EX WAT
EX GAS
EX SAN
EX SS
72+50.00
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
654.48
EX GAS EX WAT
-- STAGE 2 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

55TH STREET
℄ 653.98
MATCH EXIST X-SLOPE
653.42
EX WAT
EX GAS
EX SAN
EX SS
72+00.00
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
653.78
EX GAS EX WAT
-- STAGE 2 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowman.com

| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
|---|---|---|
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

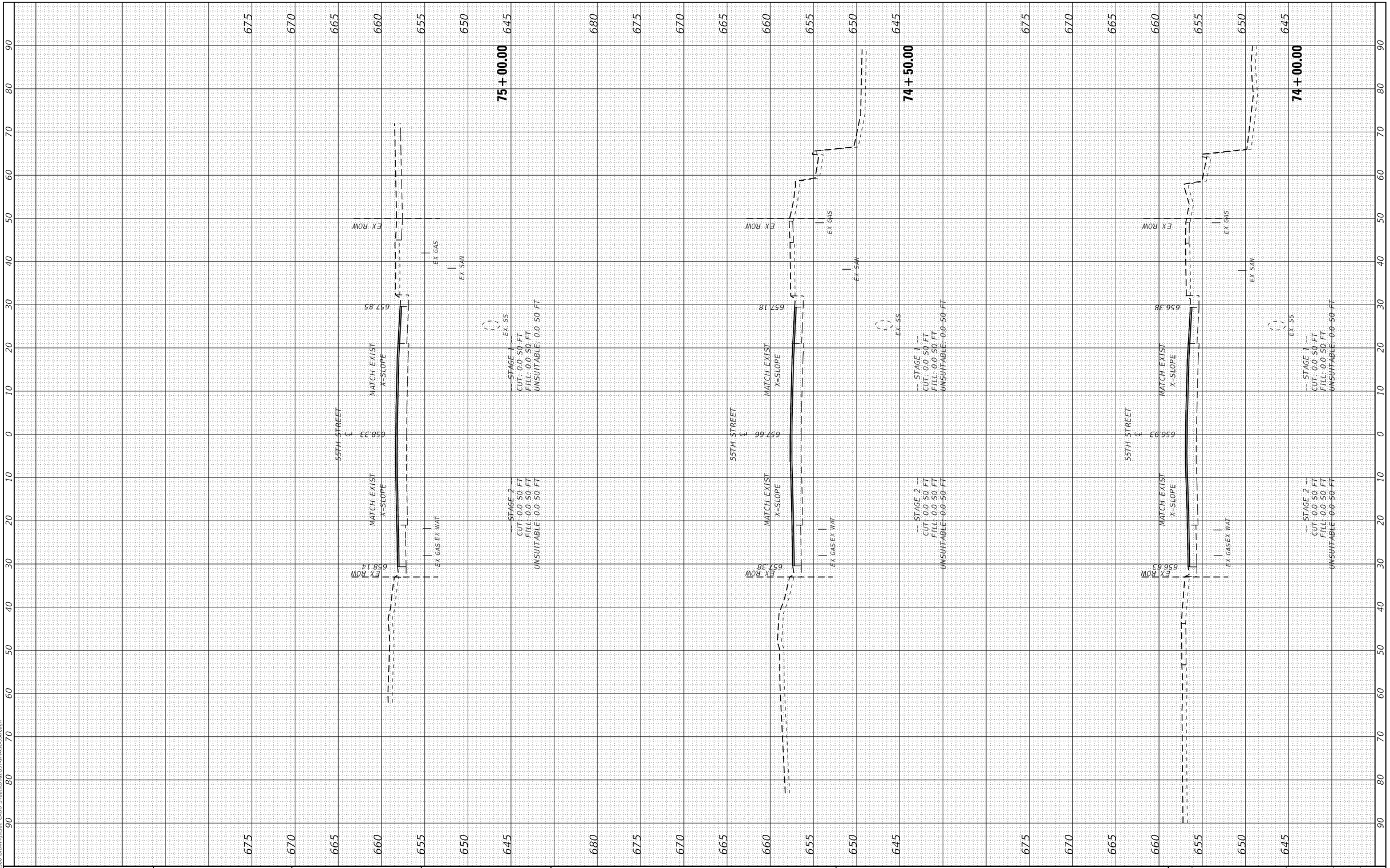
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 9 OF 44 SHEETS | STA. 72+00.00 | TO STA. 73+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 245 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-xsc-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

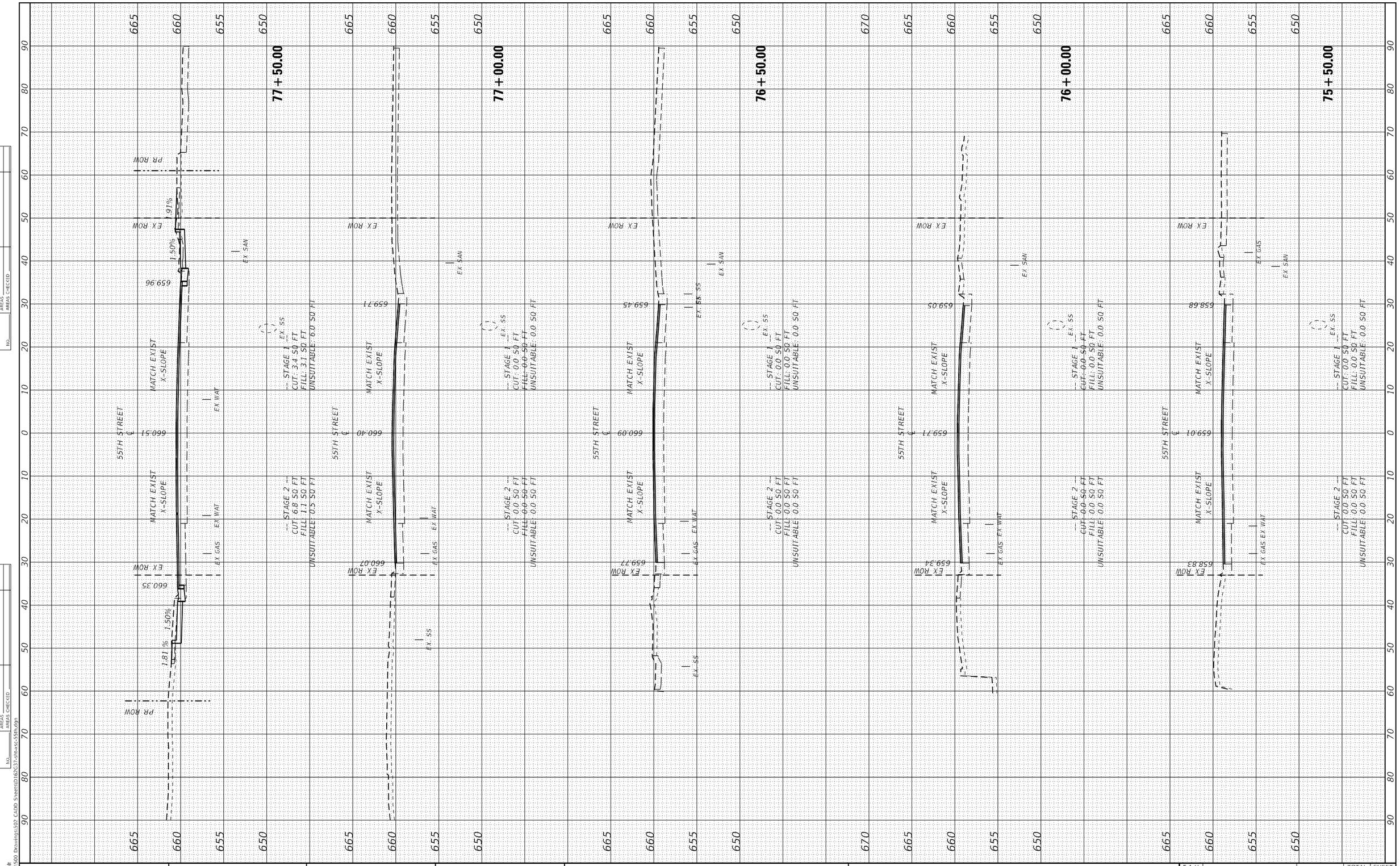
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 10 OF 44 SHEETS | STA. 74+00.00 TO STA. 75+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 246 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn


Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-464-2360
www.bowman.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 11 OF 44 SHEETS | STA. 75+50.00 TO STA. 77+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 247 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

**79+50.00**

EX ROW
EX GAS
EX WAT
EX SAN
LINDEN AVENUE
1:1.73
1:10
660.58
MATCH EXIST X-SLOPE
55TH STREET ℄
660.92
EX SS
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 7.8 SQ FT
UNSUITABLE: 3.5 SQ FT
-- STAGE 2 --
CUT: 0.7 SQ FT
FILL: 3.3 SQ FT
UNSUITABLE: 8.7 SQ FT
660.88
2.00 %
1.50%

**79+00.00**

EX ROW
EX GAS
EX WAT
EX SAN
LINDEN AVENUE
1:1.55
1:10
660.30
MATCH EXIST X-SLOPE
55TH STREET ℄
660.70
EX SS
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 7.2 SQ FT
UNSUITABLE: 3.4 SQ FT
-- STAGE 2 --
CUT: 1.1 SQ FT
FILL: 2.4 SQ FT
UNSUITABLE: 8.5 SQ FT
660.62
7.00%
1.50%

**78+50.00**

ORNAMENTAL FENCE 3' (SPECIAL)
SEGMENTAL CONCRETE BLOCK WALL
LINDEN AVENUE
660.17
1.50 %
MATCH EXIST X-SLOPE
55TH STREET ℄
660.61
EX SS
-- STAGE 1 --
CUT: 5.2 SQ FT
FILL: 0.5 SQ FT
UNSUITABLE: 3.7 SQ FT
-- STAGE 2 --
CUT: 6.5 SQ FT
FILL: 0.2 SQ FT
UNSUITABLE: 5.1 SQ FT
660.41
1.50%
EX GAS
EX WAT
EX SAN

**78+00.00**

WOLF ROAD
659.75
MATCH EXIST X-SLOPE
55TH STREET ℄
660.70
EX SS
-- STAGE 1 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
-- STAGE 2 --
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
661.21
EX GAS
EX SAN
EX SS

675 670 665 660 655 650

0 10 20 30 40 50 60 70 80 90

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowman.com

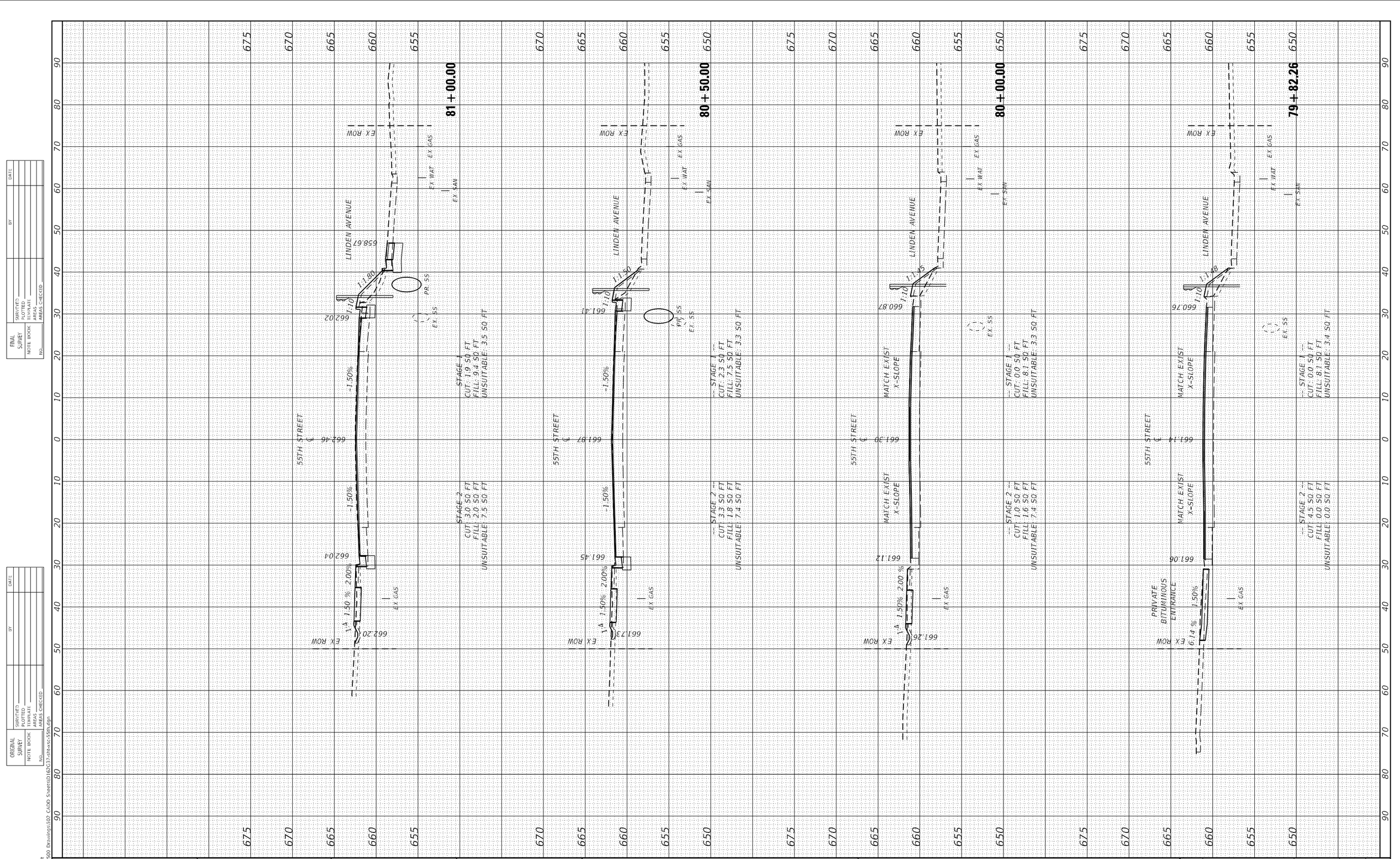
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 12 OF 44 SHEETS | STA. 78+00.00 TO STA. 79+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 248 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-464-0360
www.bowman.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

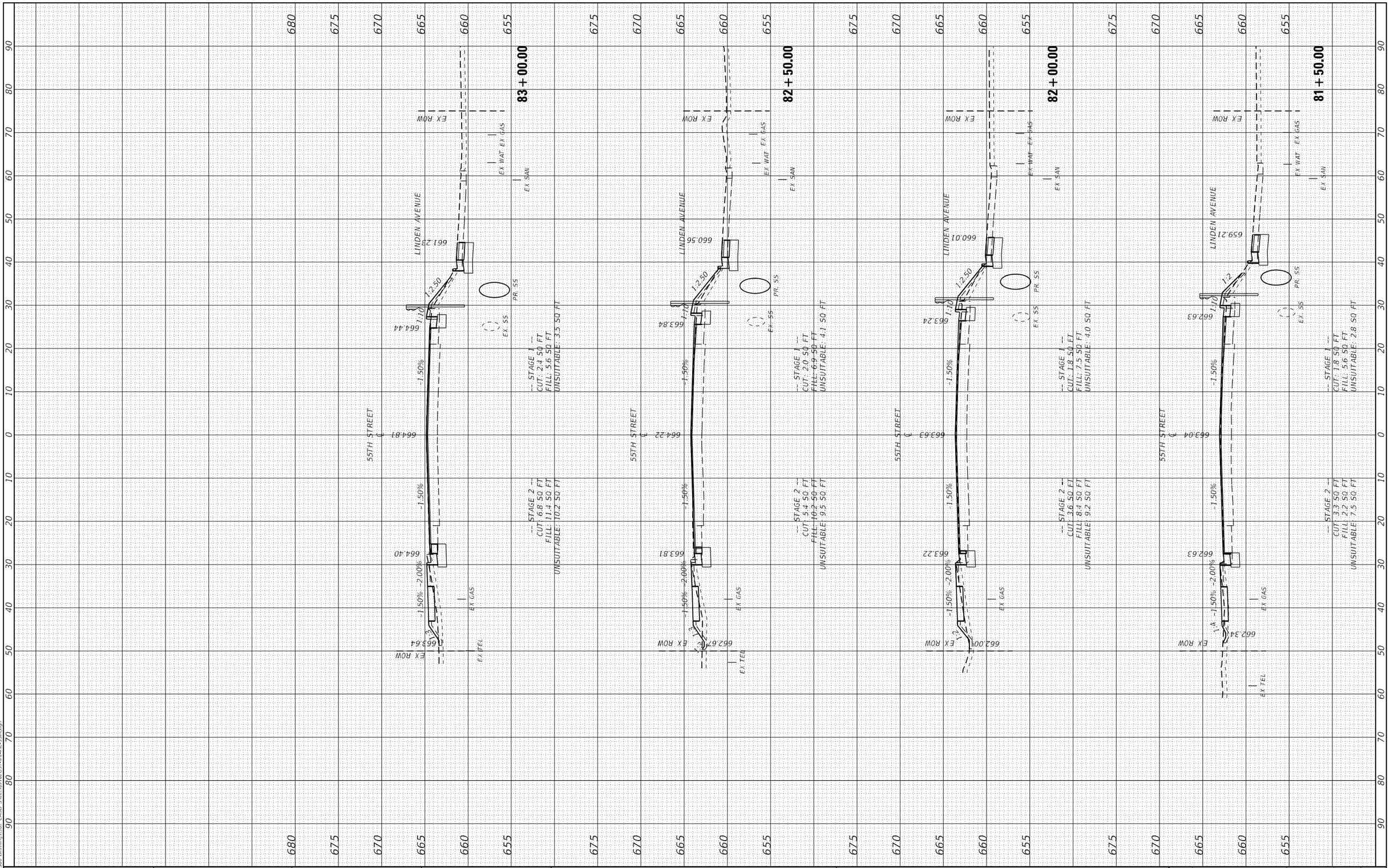
SCALE: 1"=10'H:1"=5'V | SHEET 13 OF 44 SHEETS | STA. 79+82.26 TO STA. 81+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 249 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn




Bowman
111 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowman.com

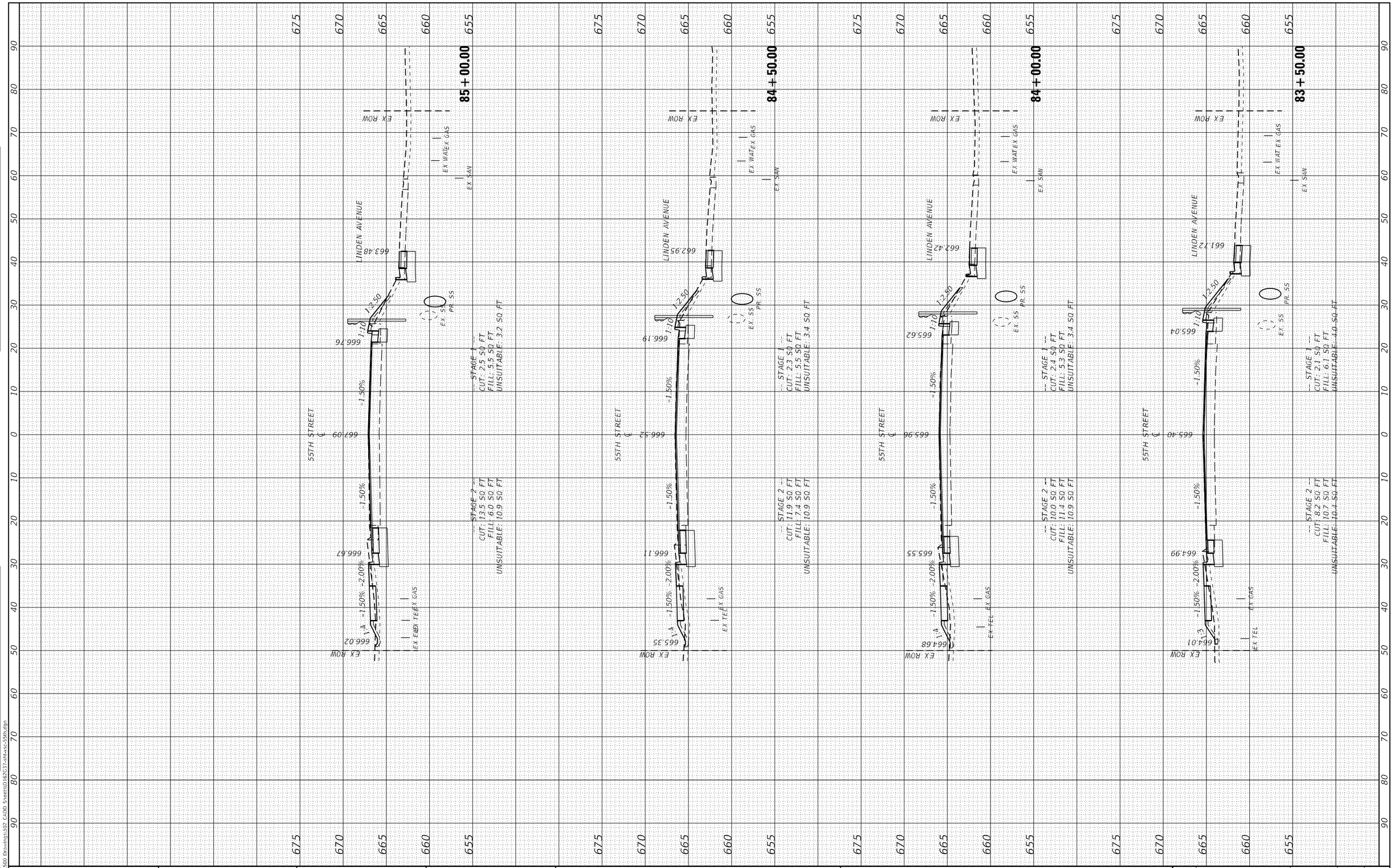
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 14 OF 44 SHEETS | STA. 81+50.00 TO STA. 83+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 250 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-xs-55th.dgn

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowman.com

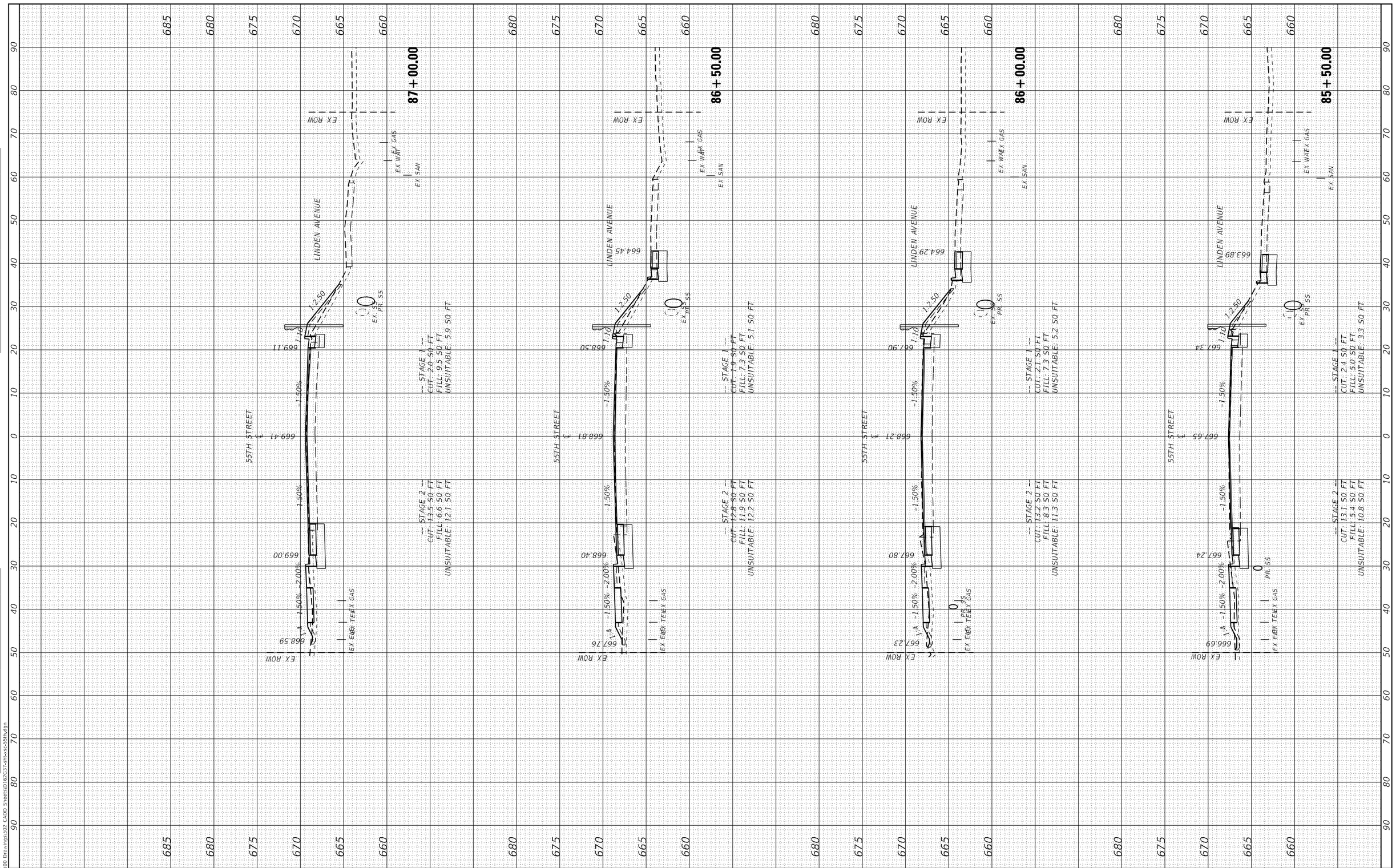
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 15 OF 44 SHEETS | STA. 83+50.00 TO STA. 85+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 251 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-xs-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowman.com

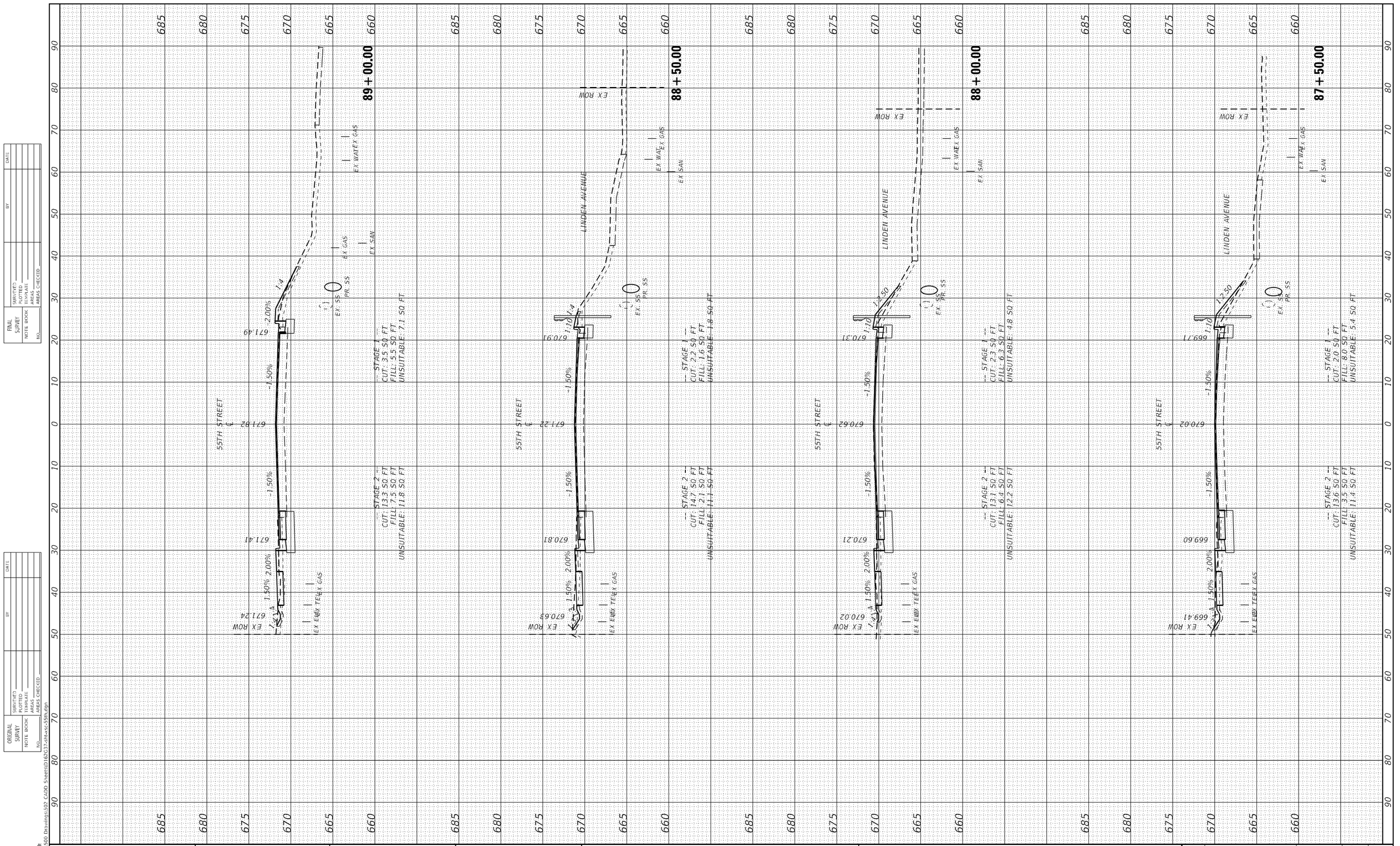
| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 16 OF 44 SHEETS | STA. 85+50.00 TO STA. 87+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 252 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 17 OF 44 SHEETS | STA. 87+50.00 TO STA. 89+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 253 |

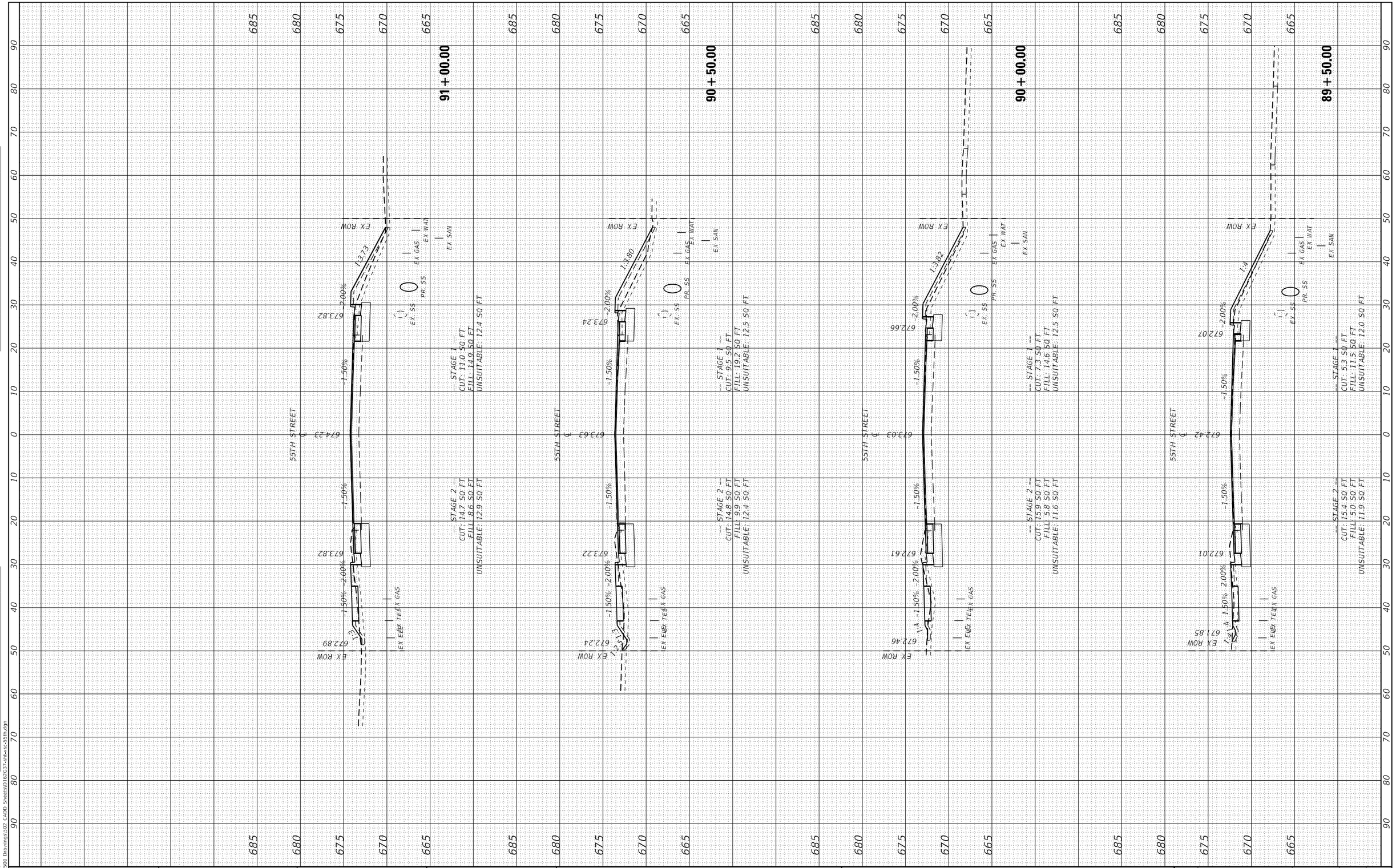
CONTRACT NO. 62G37

ILLINOIS | FED. AID PROJECT

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-xs-55th.dgn




| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

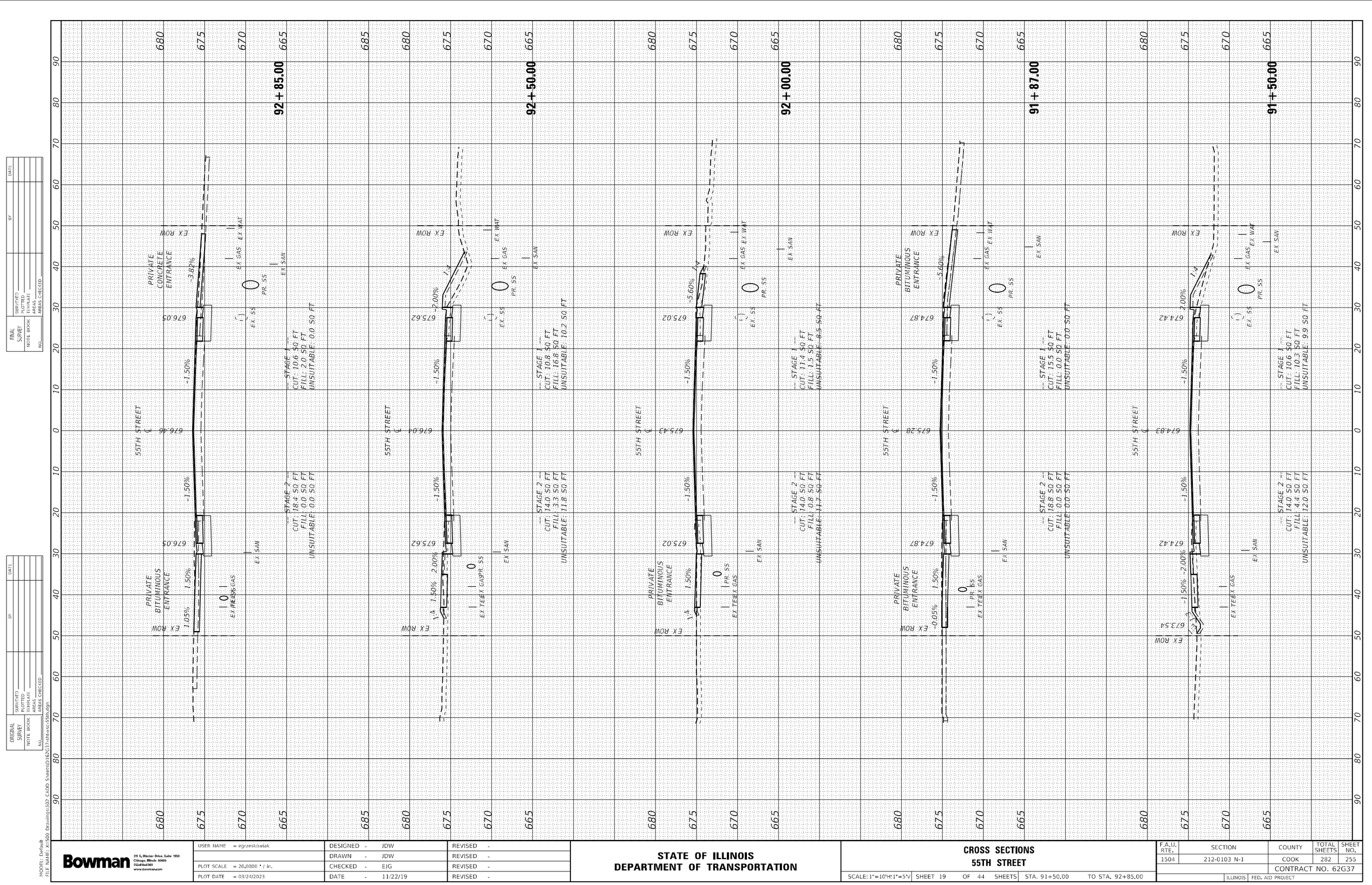
Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 18 OF 44 SHEETS | STA. 89+50.00 TO STA. 91+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 254 |
| | | CONTRACT NO. 62G37 | | |
| | | ILLINOIS FED. AID PROJECT | | |




FINAL SURVEY | SURVEYED | BY | DATE
NOTE BOOK | PLOTTED
NO. | TEMPLATE
AREAS CHECKED

ORIGINAL SURVEY | SURVEYED | BY | DATE
NOTE BOOK | PLOTTED
NO. | TEMPLATE
AREAS CHECKED

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanusa.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

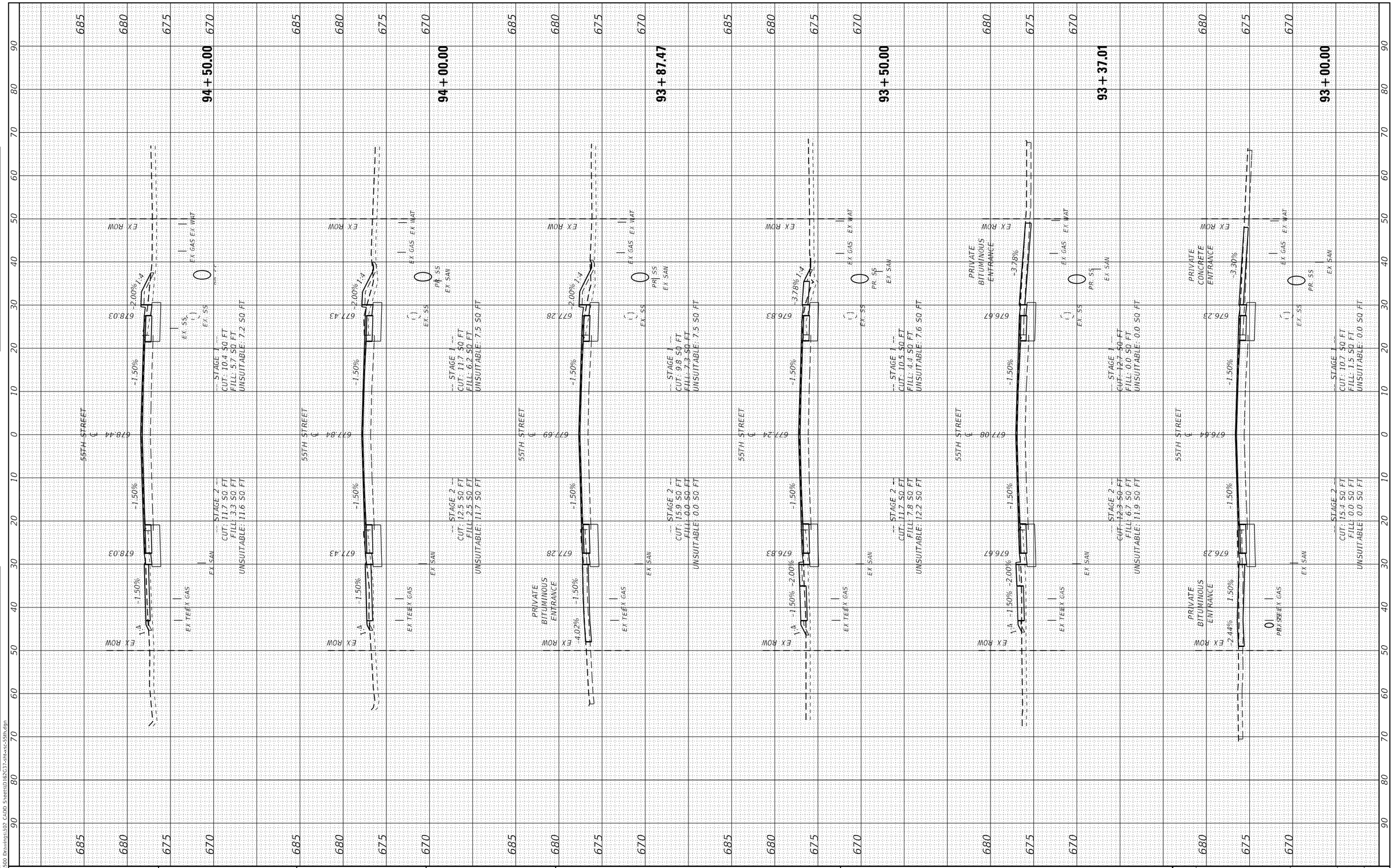
SCALE: 1"=10'H:1"=5'V | SHEET 19 OF 44 SHEETS | STA. 91+50.00 TO STA. 92+85.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 255 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn




Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanusa.com

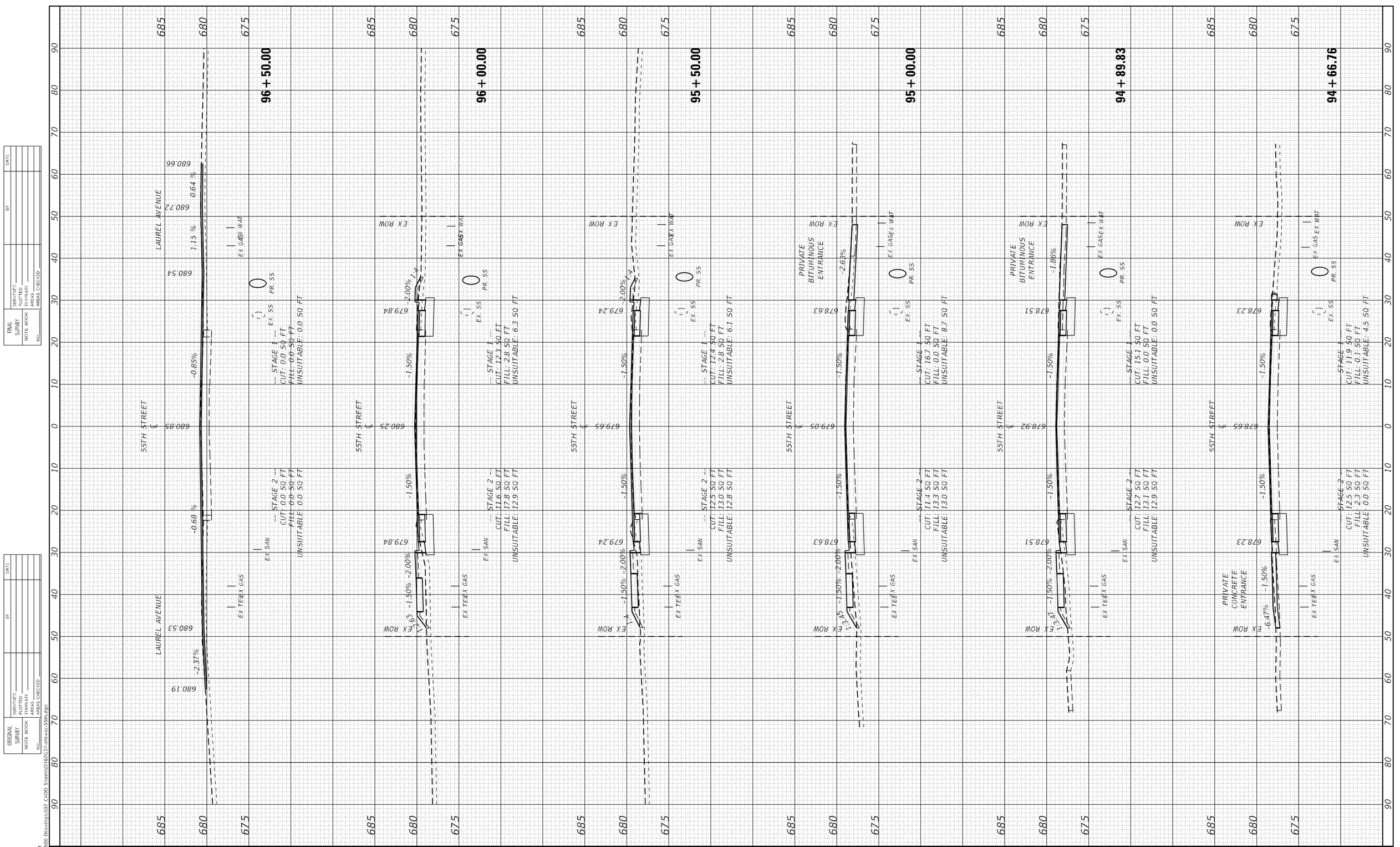
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 20 OF 44 SHEETS | STA. 93+00.00 TO STA. 94+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 256 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn


Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com


| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

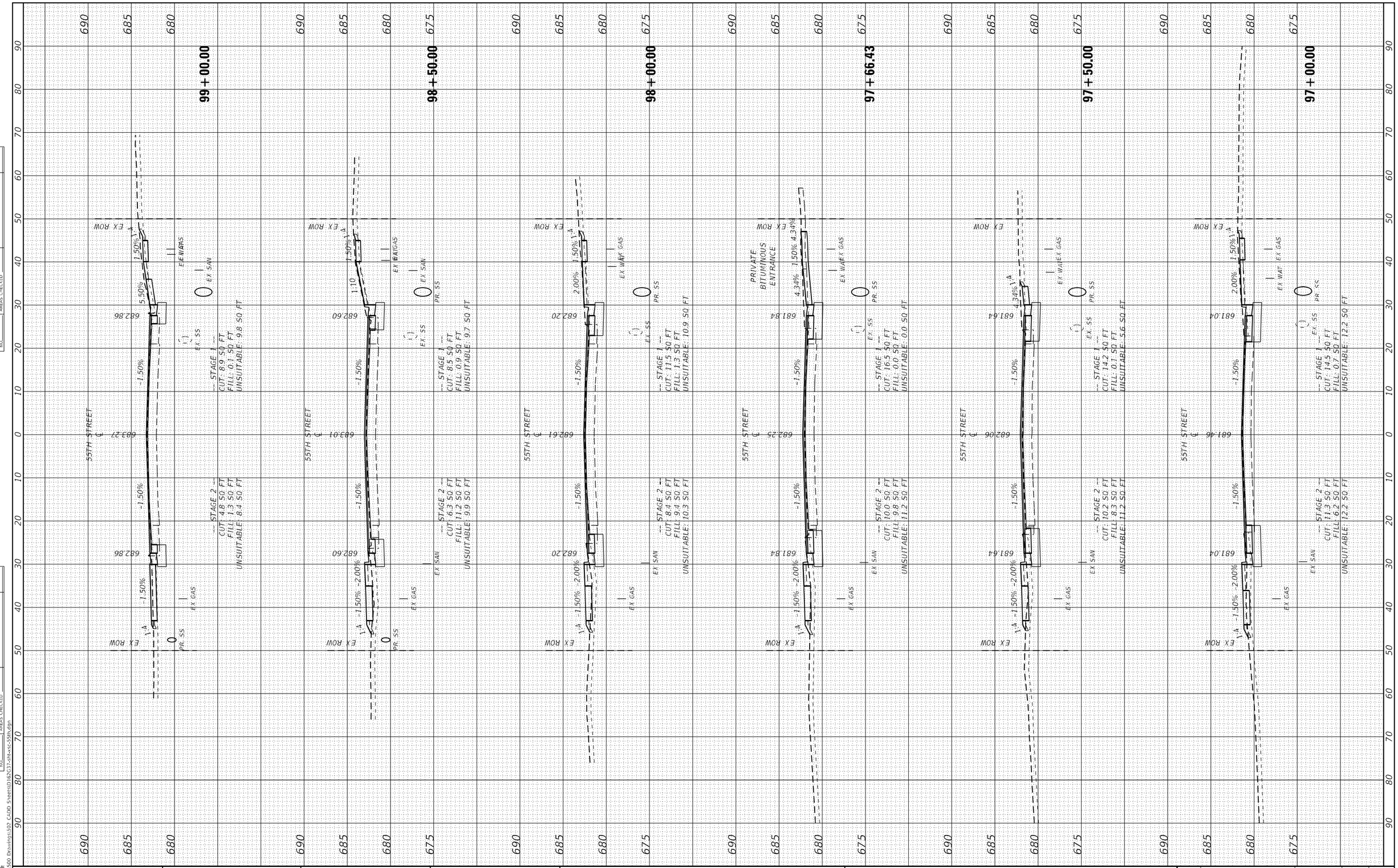
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 21 OF 44 SHEETS | STA. 94+66.76 TO STA. 96+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 257 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanusa.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

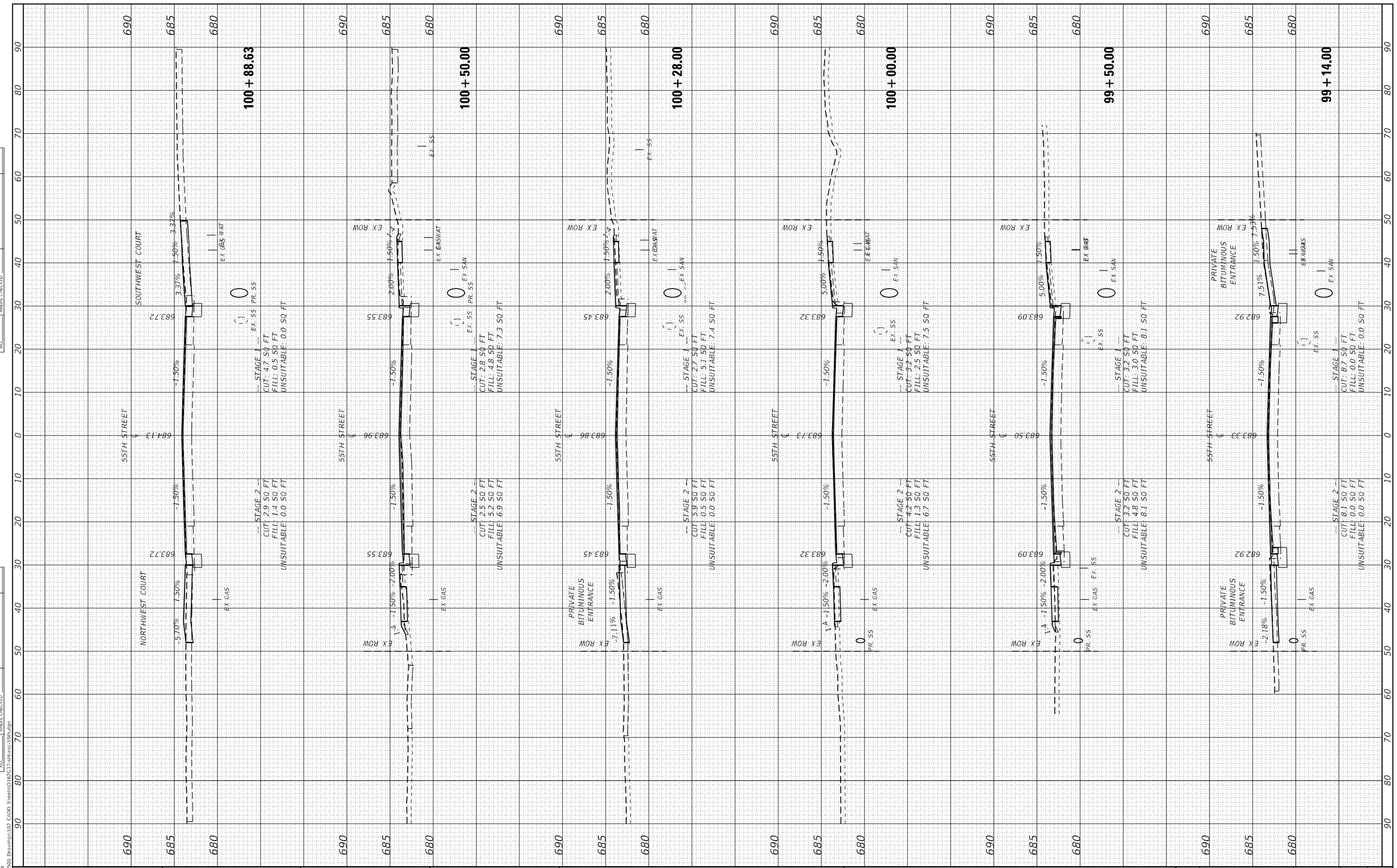
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 22 OF 44 SHEETS | STA. 97+00.00 TO STA. 99+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 258 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-xs-55th.dgn

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 23 OF 44 SHEETS | STA. 99+14.00 TO STA. 100+88.63

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 259 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

Bowman
Bowman Consulting Group, Ltd.
155 S. Wacker Drive, Suite 1900
Chicago, IL 60606
www.bowmanltd.com

USER NAME = ejgreshowiak
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 03/24/2023

| | DESIGNED | REVISED |
|---|---|---|
| DRAWN | JDW | REVISED |
| CHECKED | EJG | REVISED |
| DATE | 11/22/19 | REVISED |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

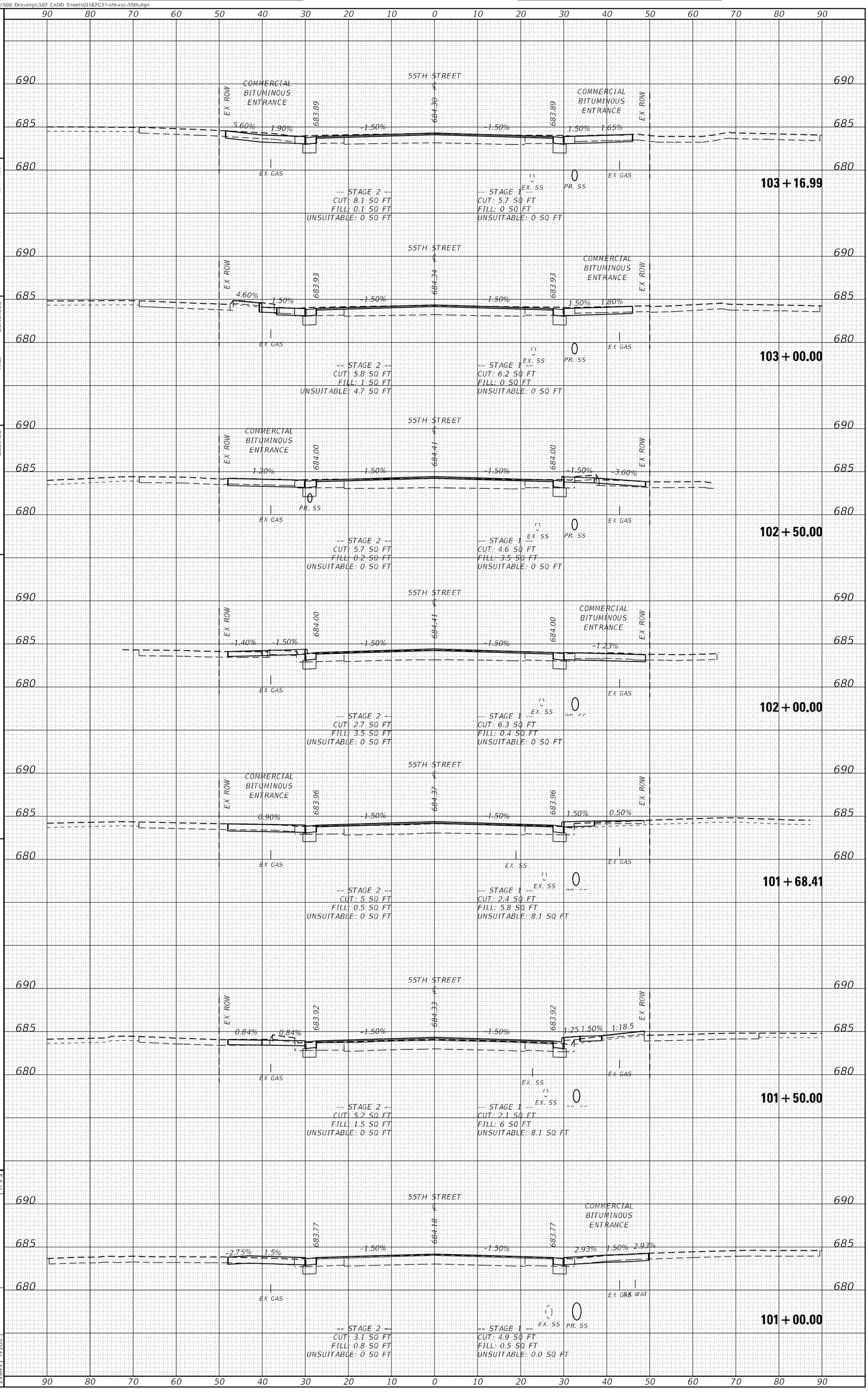
CROSS SECTIONS
55TH STREET

SCALE: 1"=10'H:1"=5'V | SHEET 24 OF 44 SHEETS | STA. 101+00.00 TO STA. 103+16.99

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 260 |

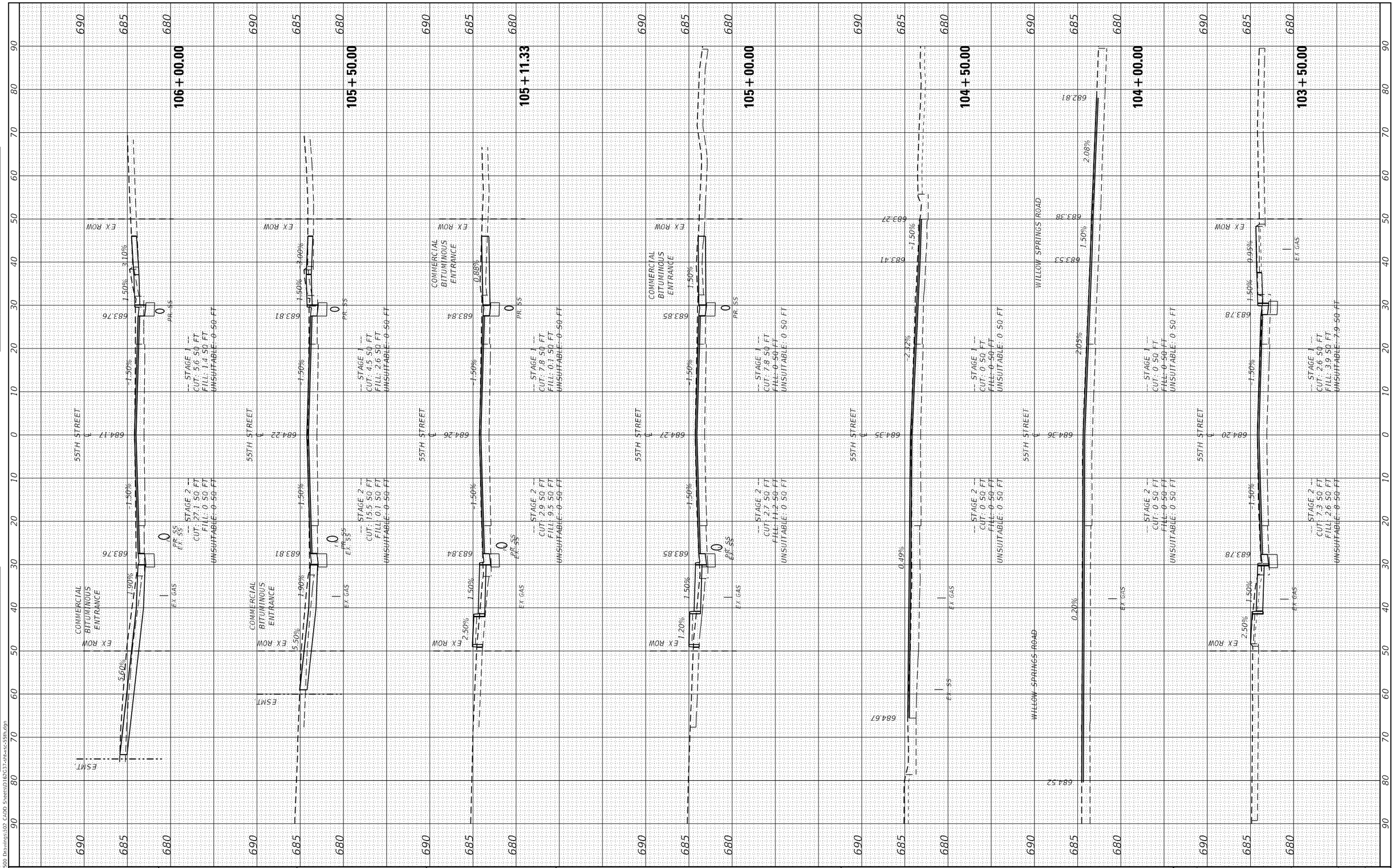
ILLINOIS FED. AID PROJECT

CONTRACT NO. 62G37



| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |




| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanusa.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

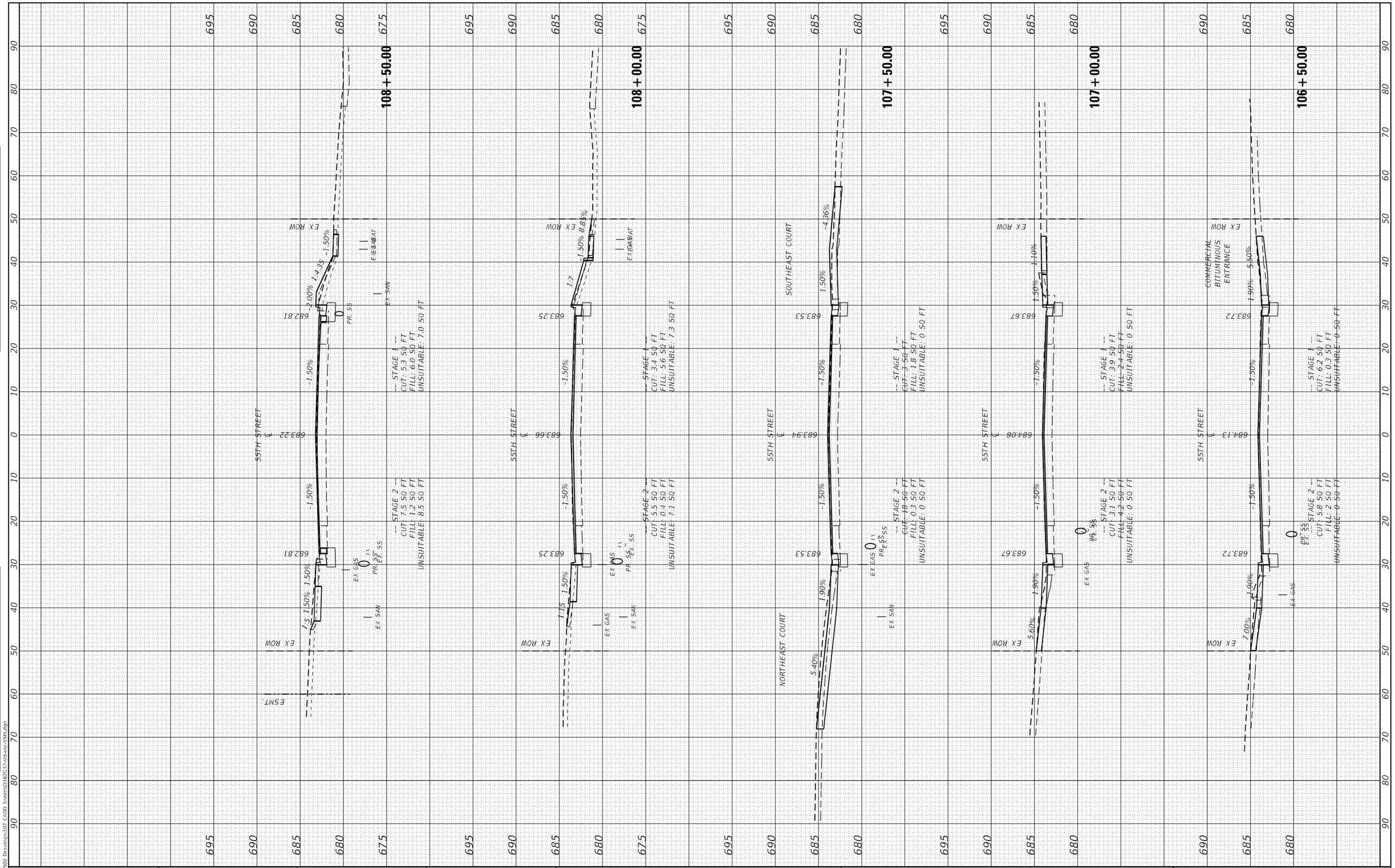
**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 25 OF 44 SHEETS | STA. 103+50.00 TO STA. 106+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 261 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanva.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

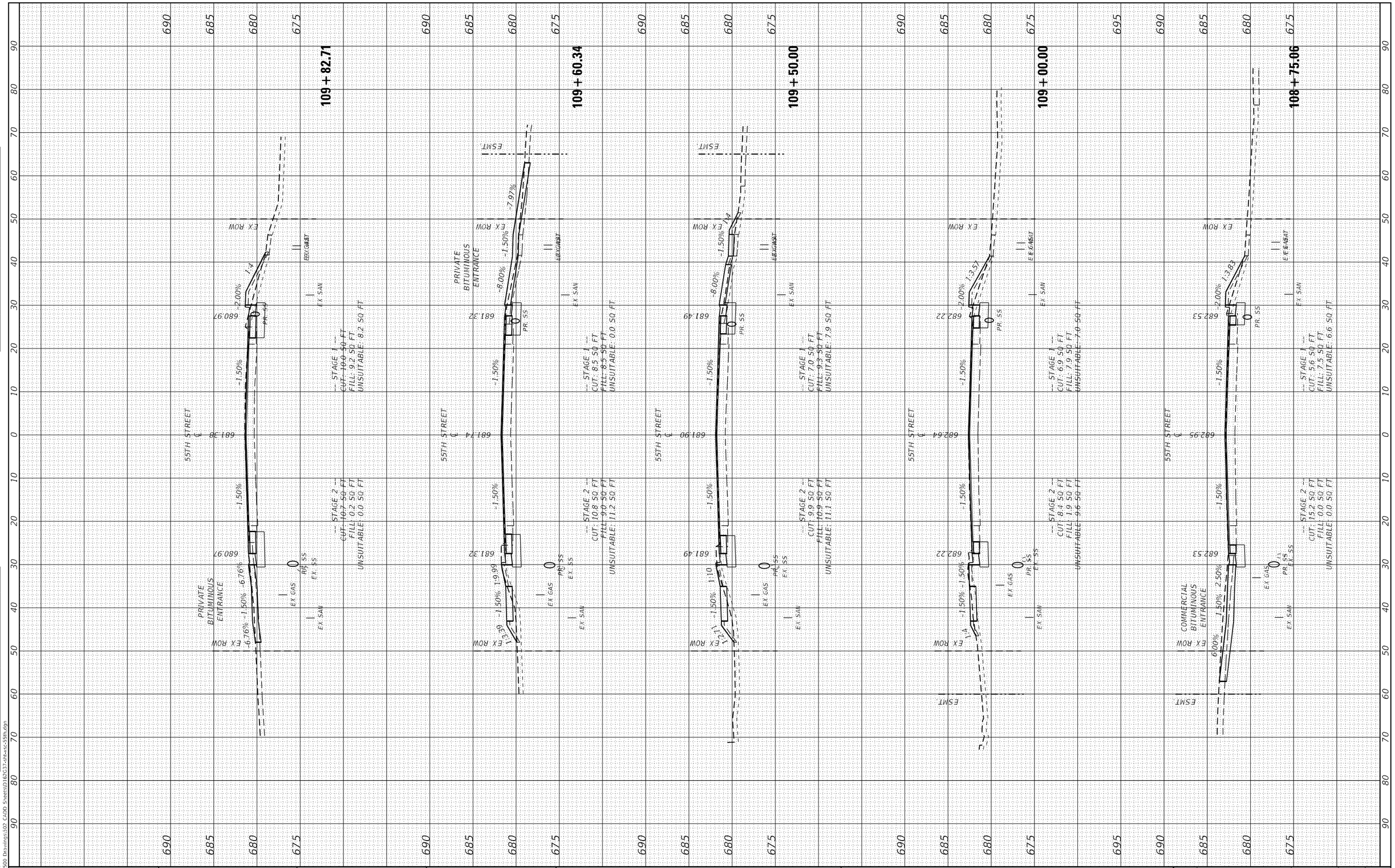
SCALE: 1"=10'H:1"=5'V | SHEET 26 OF 44 SHEETS | STA. 106+50.00 TO STA. 108+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 262 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn




| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-456-4360
www.bowmanva.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

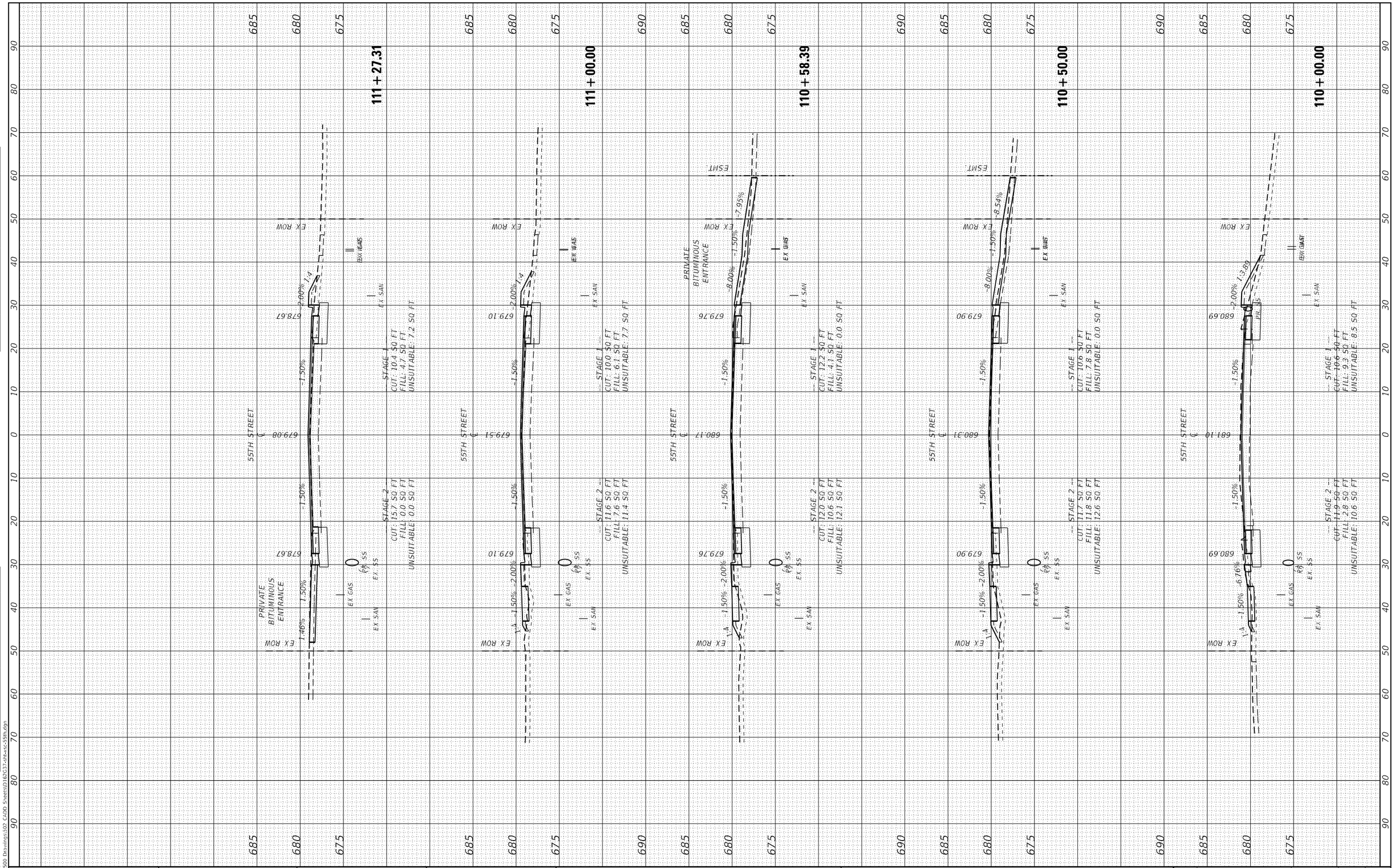
**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 27 OF 44 SHEETS | STA. 108+75.06 TO STA. 109+82.71

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 263 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

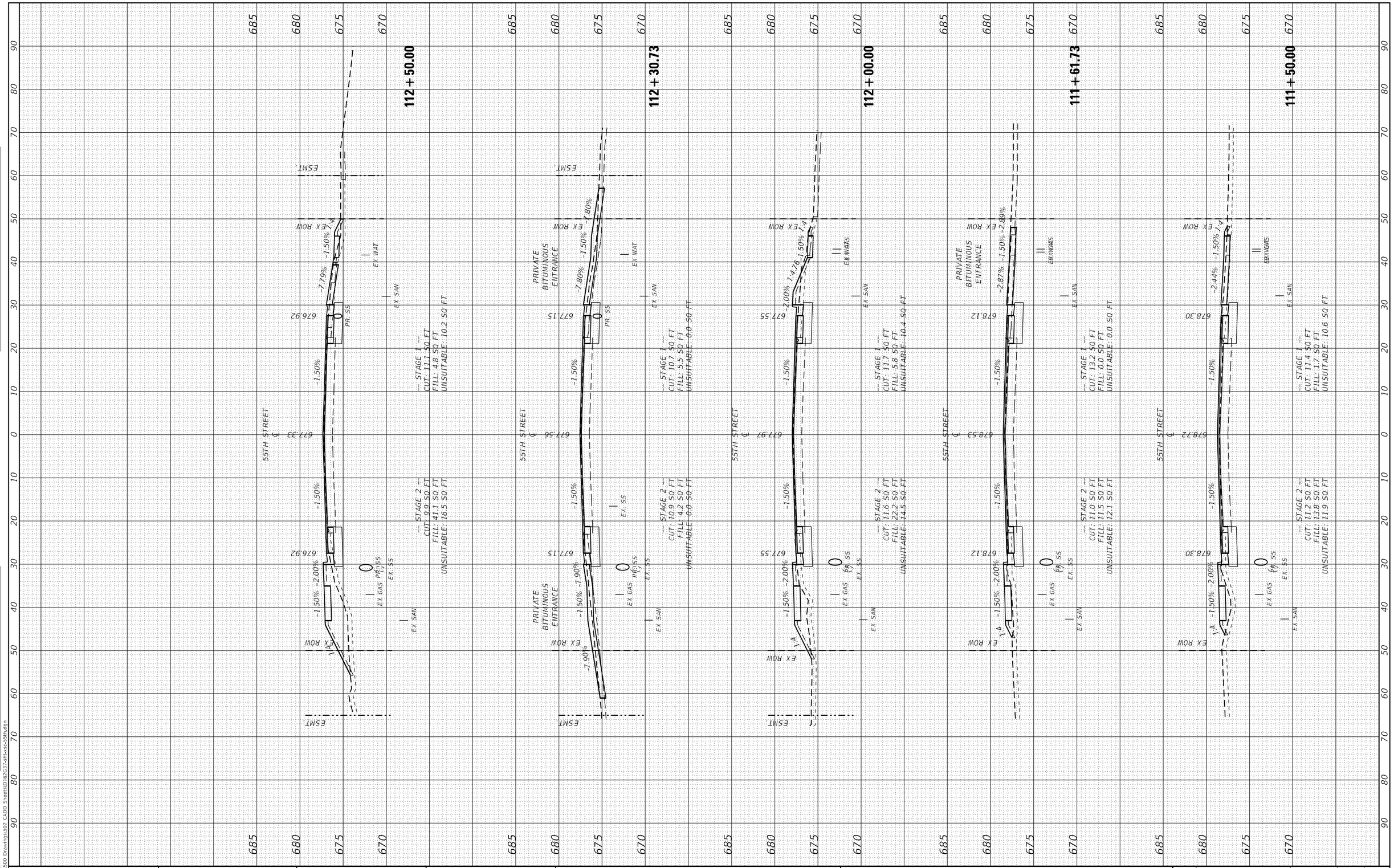
Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 28 OF 44 SHEETS | STA. 110+00.00 TO STA. 111+27.31

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 264 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\302 CADD Sheets\D162G37-sht-xs-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | | REVISED - |
| | DRAWN - JDW | | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

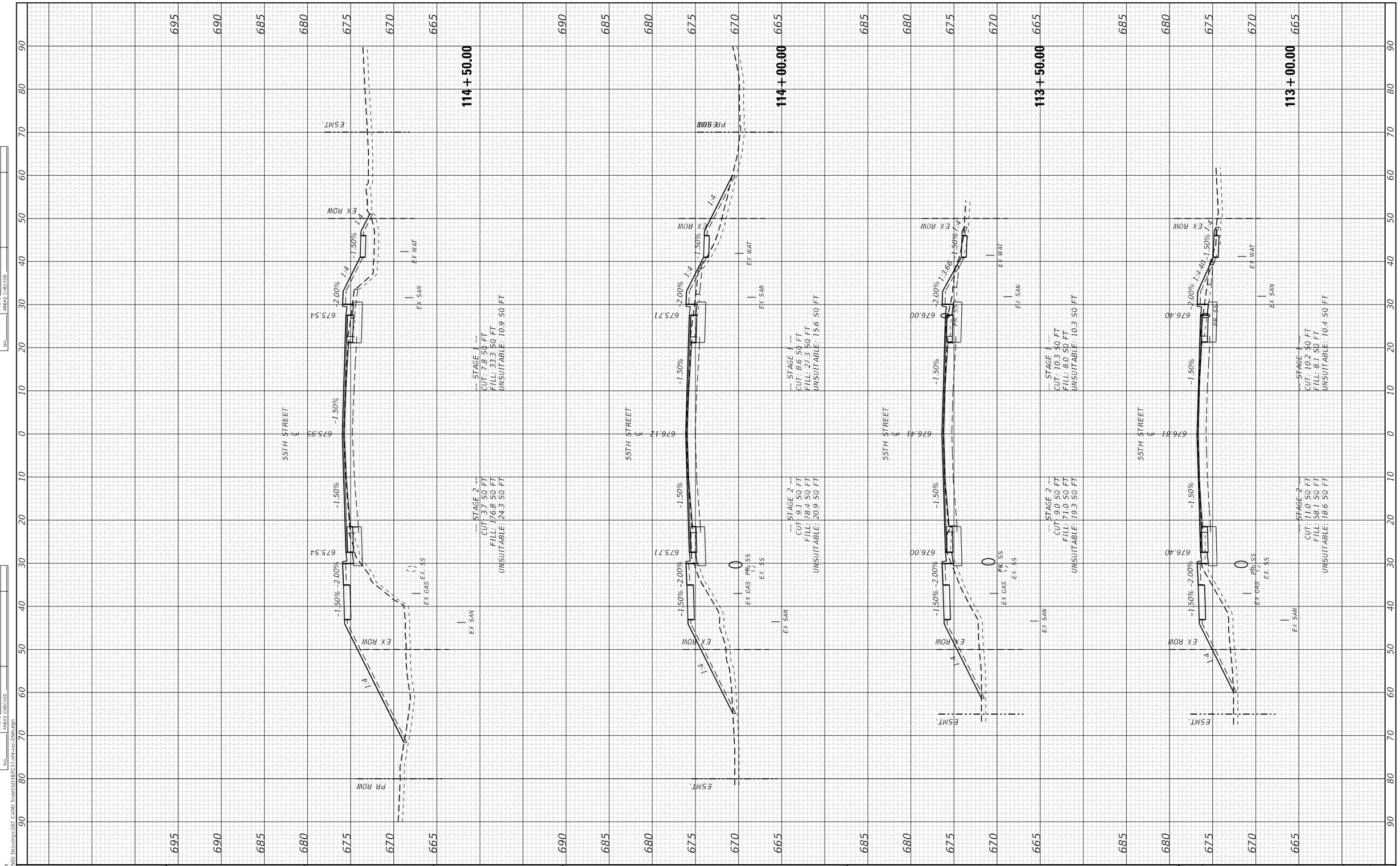
**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 29 OF 44 SHEETS | STA. 111+50.00 TO STA. 112+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 265 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | | REVISED - |
| | DRAWN - JDW | | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

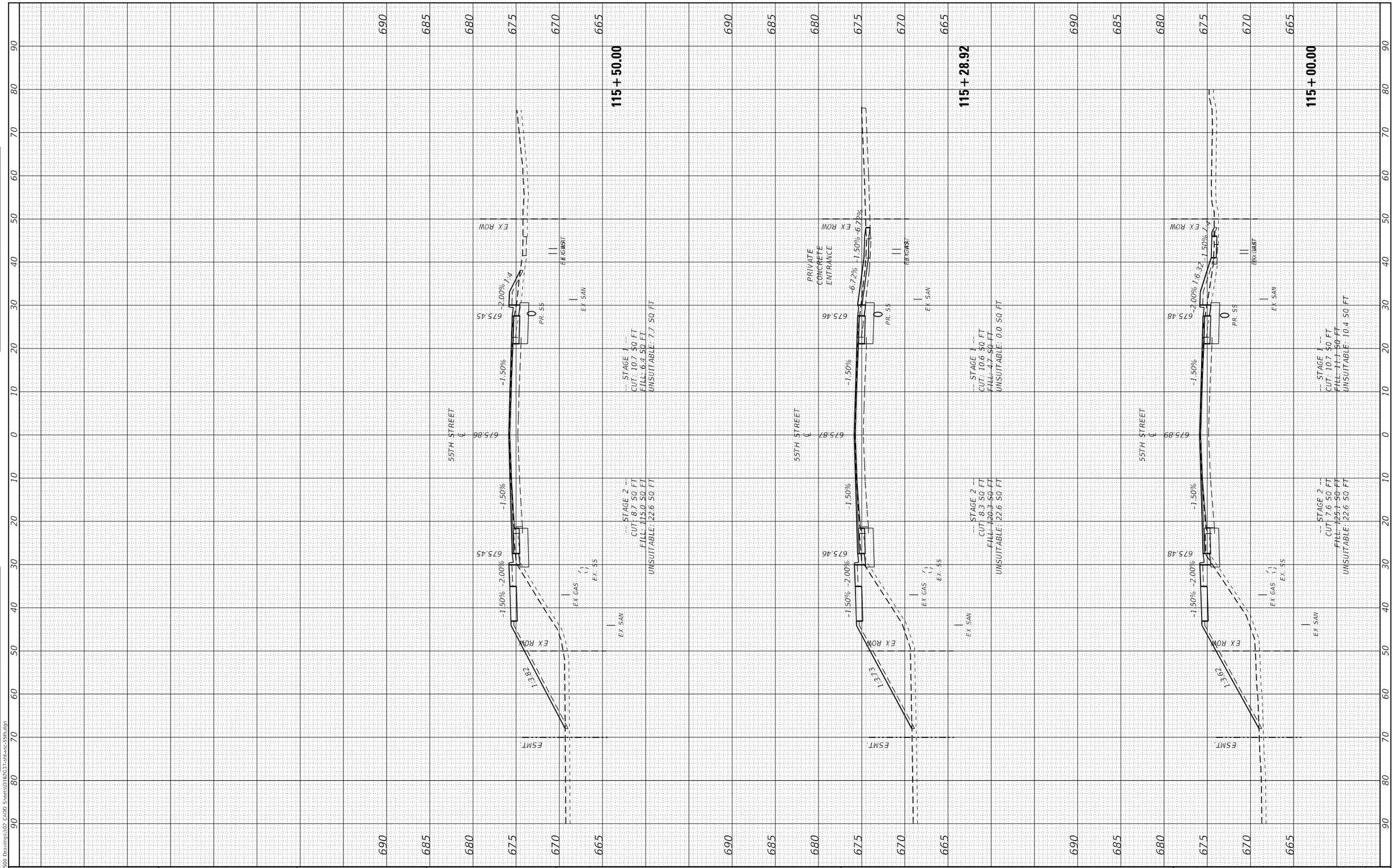
**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 30 OF 44 SHEETS | STA. 113+00.00 TO STA. 114+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 266 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

| | | | | |
|---|---|---|---|---|
| Bowman 311 S. Wacker Drive, Suite 1950 Chicago, Illinois 60606 312-454-0360 www.bowmanusa.com | USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | | DRAWN - JDW | REVISED - | |
| | PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 31 OF 44 SHEETS | STA. 115+00.00 TO STA. 115+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 267 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

**117+16.83**

55TH STREET
℄
675.75
675.34
2.00% 1:4
-1.50%
-7.00%
EX ROW
EX EASEMENT
EX SAW
EX GAS
EX SS
PR. SS
EDGEWOOD AVENUE
-- STAGE 1 --
CUT: 12.5 SQ FT
FILL: 2.4 SQ FT
UNSUITABLE: 6.1 SQ FT
-- STAGE 2 --
CUT: 9.0 SQ FT
FILL: 10.7 SQ FT
UNSUITABLE: 0.0 SQ FT

**117+00.00**

55TH STREET
℄
675.76
675.35
2.00% 1:4
-1.50%
-7.00%
EX ROW
EX EASEMENT
EX SAW
EX GAS
EX SS
PR. SS
EDGEWOOD AVENUE
-- STAGE 1 --
CUT: 11.8 SQ FT
FILL: 3.7 SQ FT
UNSUITABLE: 6.5 SQ FT
-- STAGE 2 --
CUT: 8.3 SQ FT
FILL: 35.6 SQ FT
UNSUITABLE: 9.2 SQ FT

**116+50.00**

55TH STREET
℄
675.79
675.38
2.00% 1:4
-1.50%
-2.00%
1:4
EX ROW
EX EASEMENT
EX SAW
EX GAS
EX SS
ESMT
-- STAGE 1 --
CUT: 12.1 SQ FT
FILL: 4.9 SQ FT
UNSUITABLE: 6.7 SQ FT
-- STAGE 2 --
CUT: 12.6 SQ FT
FILL: 75.4 SQ FT
UNSUITABLE: 22.0 SQ FT

**116+00.00**

55TH STREET
℄
675.83
675.41
2.00% 1:4
-1.50%
-2.00%
1:4
EX ROW
EX EASEMENT
EX SAW
EX GAS
EX SS
ESMT
-- STAGE 1 --
CUT: 8.9 SQ FT
FILL: 8.6 SQ FT
UNSUITABLE: 7.5 SQ FT
-- STAGE 2 --
CUT: 10.3 SQ FT
FILL: 100.6 SQ FT
UNSUITABLE: 21.9 SQ FT

| | | | |
|---|---|---|---|
| **Bowman** 311 S. Wacker Drive, Suite 1950 Chicago, Illinois 60606 312-454-0360 www.bowmanus.com | USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | | DRAWN - JDW | REVISED - |
| | PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

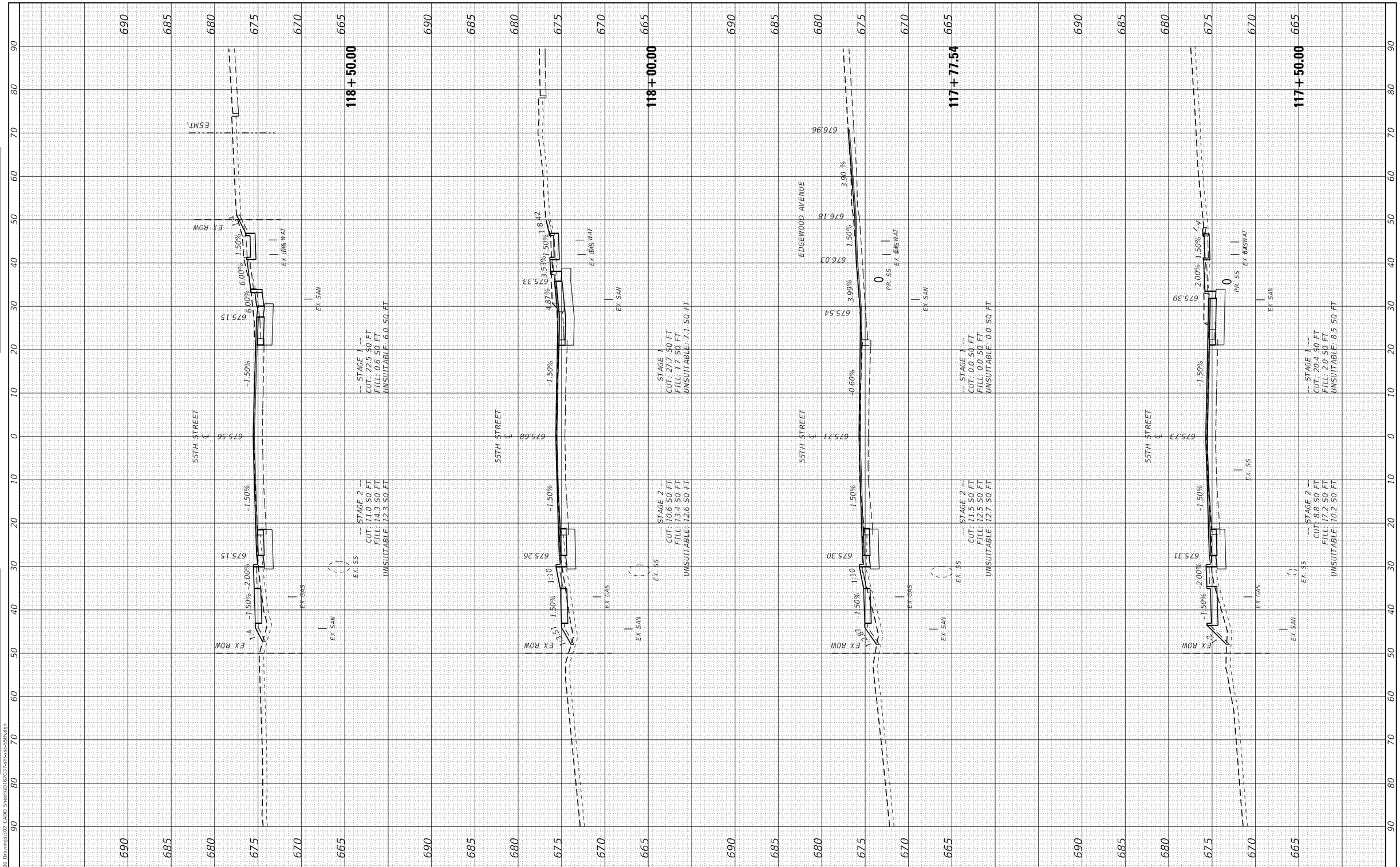
SCALE: 1"=10'H:1"=5'V | SHEET 32 OF 44 SHEETS | STA. 116+00.00 TO STA. 117+16.83

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 268 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn





Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312.494.0360
www.bowman.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 33 OF 44 SHEETS | STA. 117+50.00 TO STA. 118+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 269 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

**119 + 50.00**

-- STAGE 1 --
CUT: 17.5 SQ FT
FILL: 0.1 SQ FT
UNSUITABLE: 7.2 SQ FT

-- STAGE 2 --
CUT: 11.0 SQ FT
FILL: 8.8 SQ FT
UNSUITABLE: 11.4 SQ FT

**119 + 33.14**

-- STAGE 1 --
CUT: 18.7 SQ FT
FILL: 0.1 SQ FT
UNSUITABLE: 7.4 SQ FT

-- STAGE 2 --
CUT: 11.1 SQ FT
FILL: 5.4 SQ FT
UNSUITABLE: 11.4 SQ FT

**119 + 00.00**

-- STAGE 1 --
CUT: 41.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 6.2 SQ FT

-- STAGE 2 --
CUT: 10.3 SQ FT
FILL: 9.9 SQ FT
UNSUITABLE: 12.2 SQ FT

**118 + 78.53**

-- STAGE 1 --
CUT: 40.3 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT

-- STAGE 2 --
CUT: 10.4 SQ FT
FILL: 14.4 SQ FT
UNSUITABLE: 12.3 SQ FT

55TH STREET
℄
675.32
674.91
675.37
674.95
675.45
675.04
675.50
675.08
-1.50%
-2.00%
1:4
EX ROW
EX GAS W AT
EX SAN
EX SS
ESMT
9.06%
6.00%
COMMERCIAL BITUMINOUS ENTRANCE
COUNTRY CLUB DRIVE
690
685
680
675
670
665
0
10
20
30
40
50
60
70
80
90

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

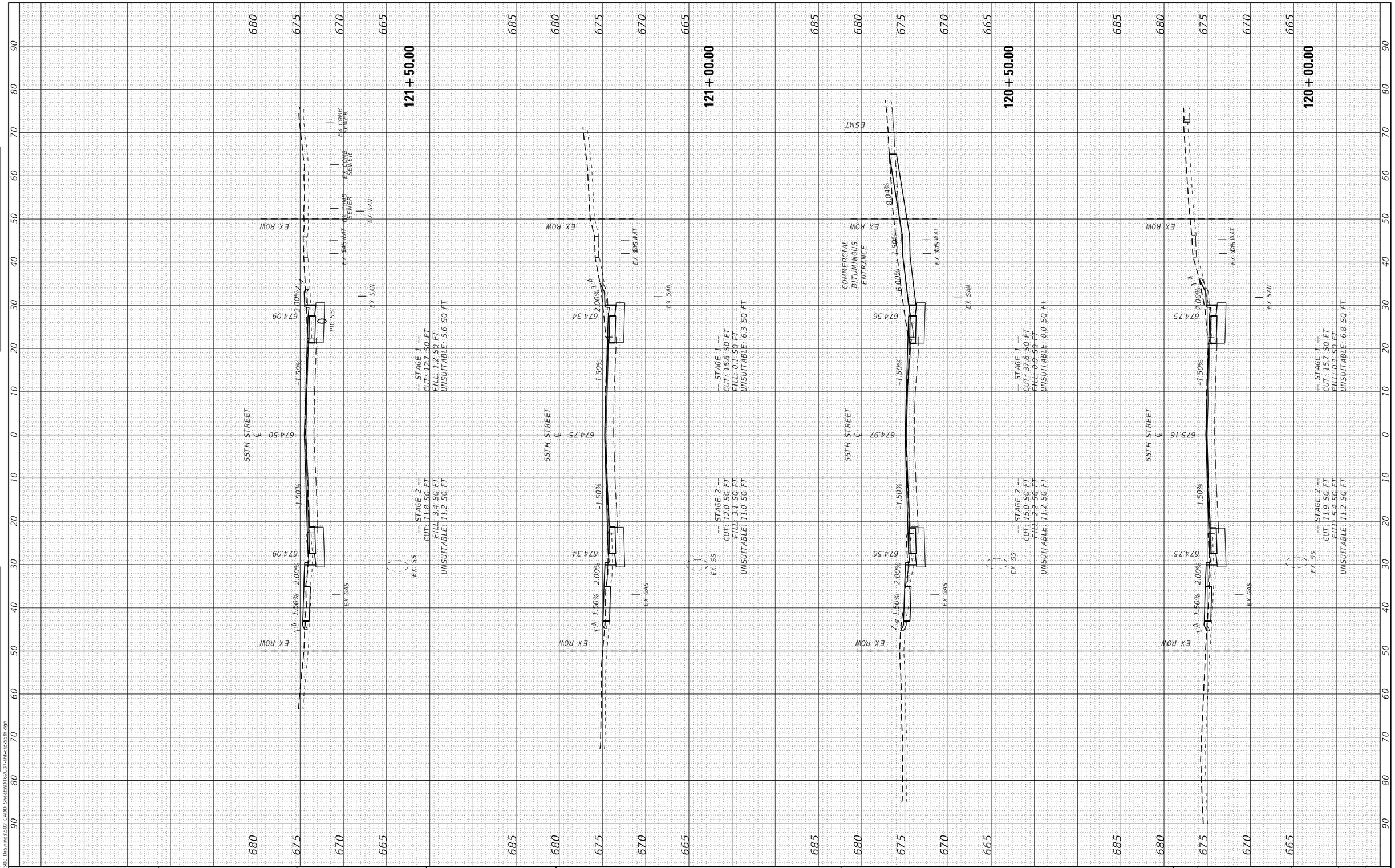
**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 34 OF 44 SHEETS | STA. 118+78.53 TO STA. 119+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 270 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn


Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com


| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 35 OF 44 SHEETS | STA. 120+00.00 TO STA. 121+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 271 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

**123+67.38**

55TH STREET
℄ 673.09
EX ROW
COMMERCIAL BITUMINOUS ENTRANCE
4.61% -1.50% 6.00%
672.68
-1.50%
EX 6"WAT
EX SAN
ESMT
-- STAGE 1 --
CUT: 29.9 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
-- STAGE 2 --
CUT: 13.4 SQ FT
FILL: 2.0 SQ FT
UNSUITABLE: 10.9 SQ FT
1.50% 2.00%
672.68
EX ROW
EX TEL
EX GAS
EX SS

**123+50.00**

55TH STREET
℄ 673.22
EX ROW
6.00% 6.00% 1.50% 6.00%
672.80
-1.50%
EX 6"WAT
EX SAN
ESMT
-- STAGE 1 --
CUT: 29.4 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 8.8 SQ FT
-- STAGE 2 --
CUT: 13.6 SQ FT
FILL: 1.8 SQ FT
UNSUITABLE: 10.8 SQ FT
1.50% 2.00%
672.80
EX ROW
EX TEL
EX GAS
EX SS

**123+00.00**

55TH STREET
℄ 673.57
EX ROW
2.00%
673.16
-1.50%
EX 6"WAT
EX SAN
-- STAGE 1 --
CUT: 14.9 SQ FT
FILL: 0.1 SQ FT
UNSUITABLE: 6.7 SQ FT
-- STAGE 2 --
CUT: 15.4 SQ FT
FILL: 1.3 SQ FT
UNSUITABLE: 11.3 SQ FT
1.50% 2.00%
673.16
EX ROW
EX TEL
EX GAS
EX SS

**122+50.00**

55TH STREET
℄ 673.91
EX ROW
2.00%
673.50
-1.50%
EX COMB SEWER
EX SAN
-- STAGE 1 --
CUT: 14.0 SQ FT
FILL: 0.1 SQ FT
UNSUITABLE: 6.0 SQ FT
-- STAGE 2 --
CUT: 13.2 SQ FT
FILL: 3.0 SQ FT
UNSUITABLE: 11.1 SQ FT
1.50% 2.00%
673.50
EX ROW
EX GAS
EX SS

**122+00.00**

55TH STREET
℄ 674.22
EX ROW
COMMERCIAL BITUMINOUS ENTRANCE
2.90% 1.50% 2.91%
673.81
-1.50%
EX COMB SEWER
EX 6"WAT
EX SAN
PR. SS
-- STAGE 1 --
CUT: 14.8 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
-- STAGE 2 --
CUT: 12.7 SQ FT
FILL: 2.5 SQ FT
UNSUITABLE: 10.8 SQ FT
1.50% 2.00%
673.81
EX ROW
EX GAS
EX SS

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanva.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

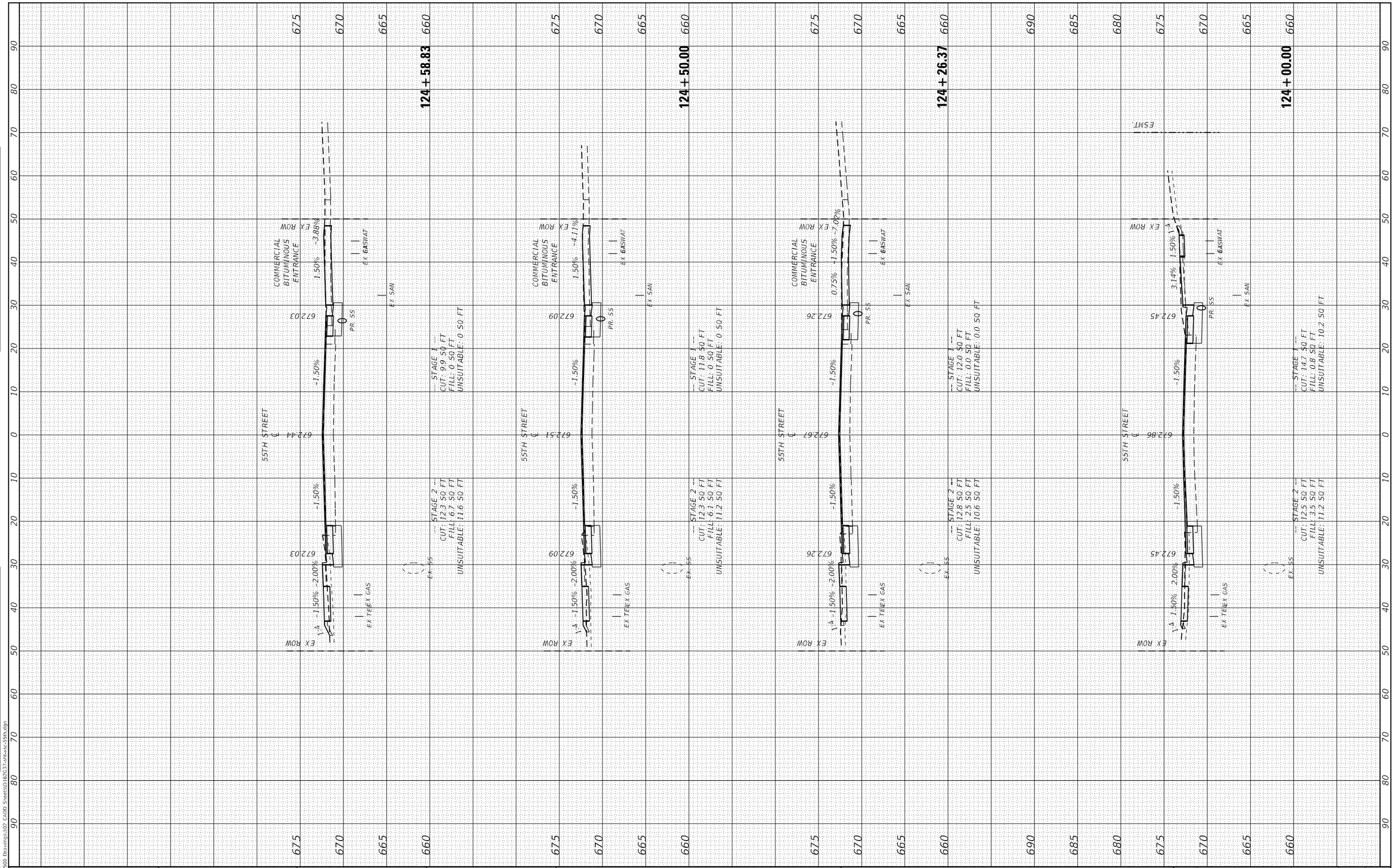
**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 36 OF 44 SHEETS | STA. 122+00.00 TO STA. 123+67.38

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 272 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

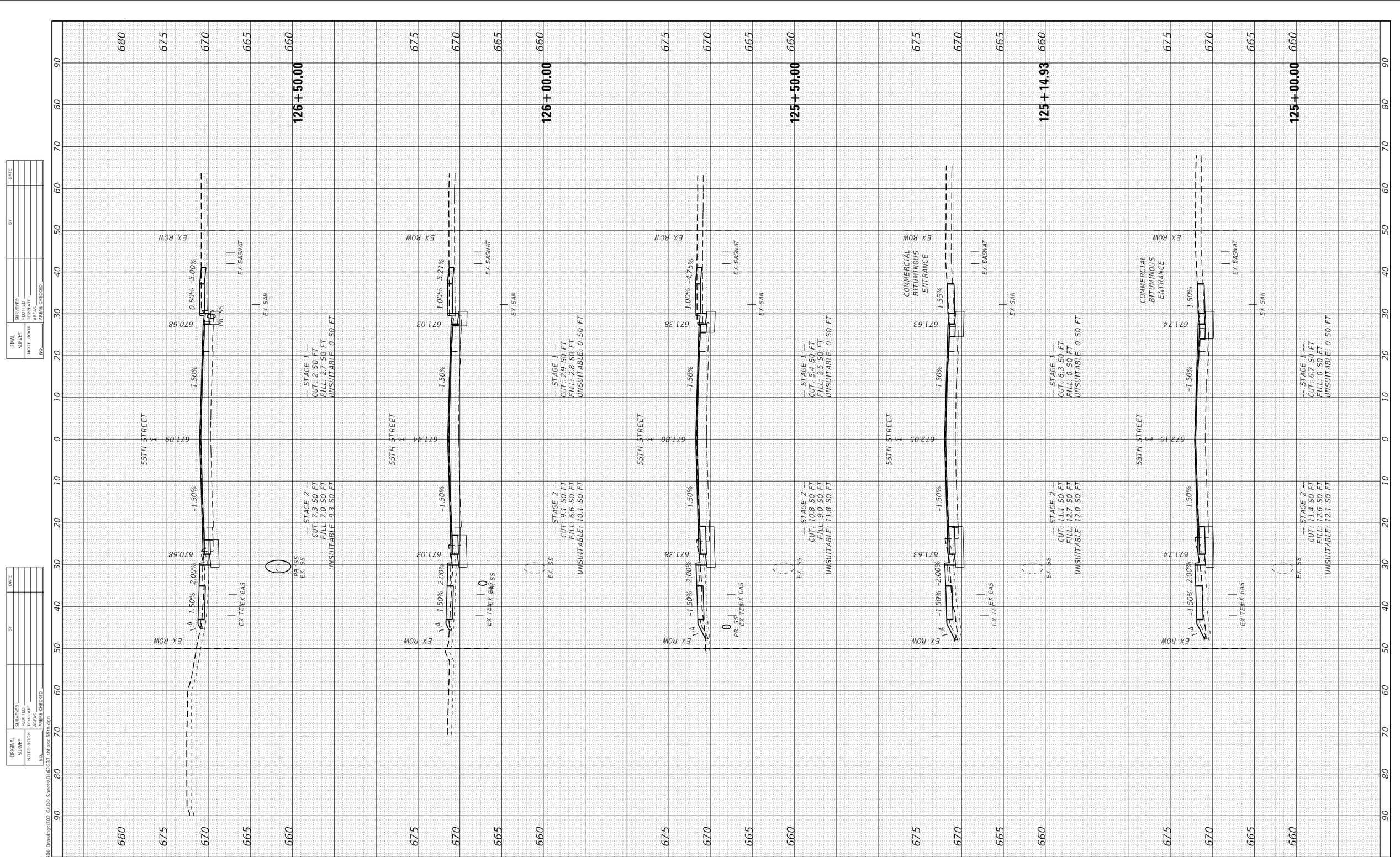
Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 37 OF 44 SHEETS | STA. 124+00.00 TO STA. 124+58.83

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 273 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




FINAL SURVEY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE | NOTE BOOK | NO.

ORIGINAL SURVEY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE | NOTE BOOK | NO.

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanusa.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

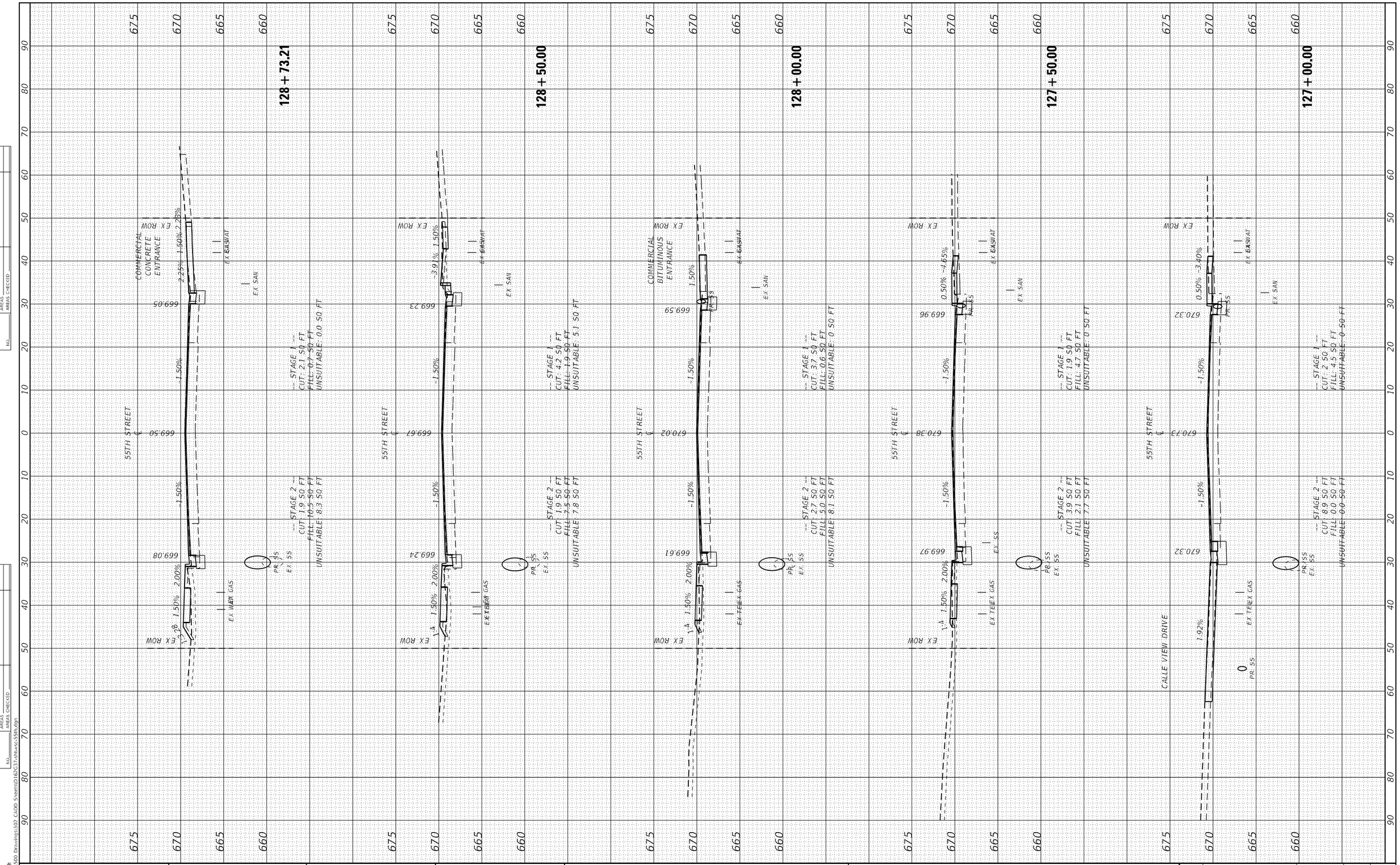
**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 38 OF 44 SHEETS | STA. 125+00.00 TO STA. 126+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 274 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xs-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com

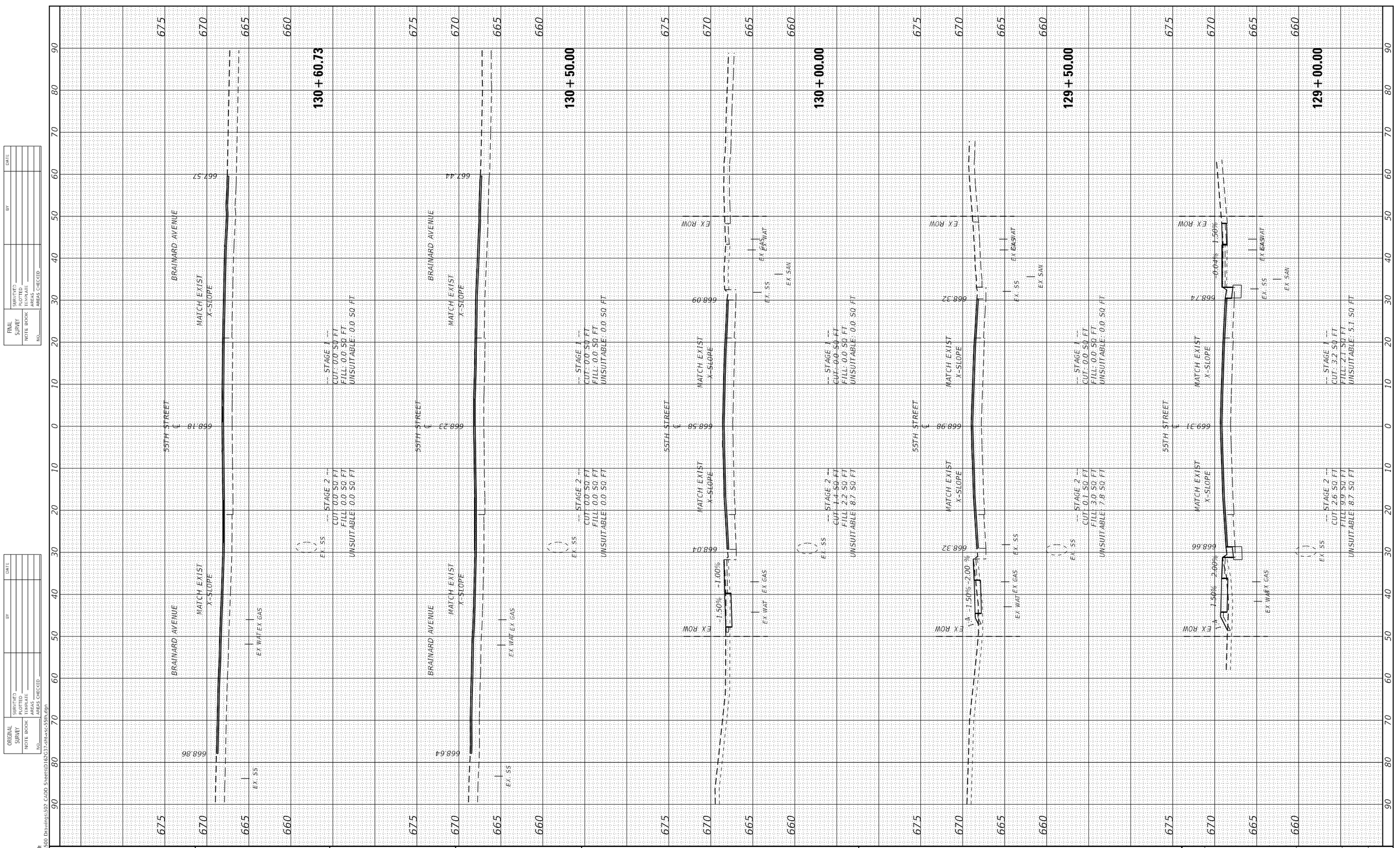
| | | | | | |
|---|---|---|---|---|---|
| USER NAME = egrzeskowiak | | DESIGNED - JDW | | REVISED - | |
| | | DRAWN - JDW | | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | | CHECKED - EJG | | REVISED - | |
| PLOT DATE = 03/24/2023 | | DATE - 11/22/19 | | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 39 OF 44 SHEETS | STA. 127+00.00 TO STA. 128+73.21

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 275 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




FINAL SURVEY

| | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

ORIGINAL SURVEY

| | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D1\62G37-sht-xsc-55th.dgn


Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com


| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 40 OF 44 SHEETS | STA. 129+00.00 TO STA. 130+60.73

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 276 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

55TH STREET
℄

**133+00.00**

MATCH EXIST X-SLOPE
666.56
665.97
EX ROW
EX WAT
EX COMB SEWER
EX WAR GAS
EX SS
1.50%
-2.00 %
665.99
STAGE 1
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
STAGE 2
CUT: 0.0 SQ FT
FILL: 5.2 SQ FT
UNSUITABLE: 8.7 SQ FT

55TH STREET
℄

**132+50.00**

MATCH EXIST X-SLOPE
666.95
666.29
EX ROW
EX WAT
EX COMB SEWER
EX WAR GAS
EX SS
1.50%
-2.00 %
666.30
STAGE 1
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
STAGE 2
CUT: 0.0 SQ FT
FILL: 2.3 SQ FT
UNSUITABLE: 8.6 SQ FT

55TH STREET
℄

**132+00.00**

MATCH EXIST X-SLOPE
667.29
666.59
EX ROW
EX WAT
EX COMB SEWER
EX GAS
1.50%
2.00 %
666.62
STAGE 1
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
STAGE 2
CUT: 2.8 SQ FT
FILL: 0.3 SQ FT
UNSUITABLE: 8.6 SQ FT

55TH STREET
℄

**131+50.00**

MATCH EXIST X-SLOPE
667.54
666.95
EX ROW
EX WAT
EX WAR GAS
EX SS
1.50%
1:10
667.03
STAGE 1
CUT: 0.0 SQ FT
FILL: 0.0 SQ FT
UNSUITABLE: 0.0 SQ FT
STAGE 2
CUT: 5.3 SQ FT
FILL: 0.2 SQ FT
UNSUITABLE: 8.7 SQ FT

55TH STREET
℄

**131+00.00**

MATCH EXIST X-SLOPE
667.87
667.38
EX ROW
EX WAT
EX WAR GAS
EX SS
1.50%
667.48
STAGE 1
CUT: 3.8 SQ FT
FILL: 0.8 SQ FT
UNSUITABLE: 2.4 SQ FT
STAGE 2
CUT: 10.6 SQ FT
FILL: 0.7 SQ FT
UNSUITABLE: 7.1 SQ FT

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-454-0360
www.bowmanus.com

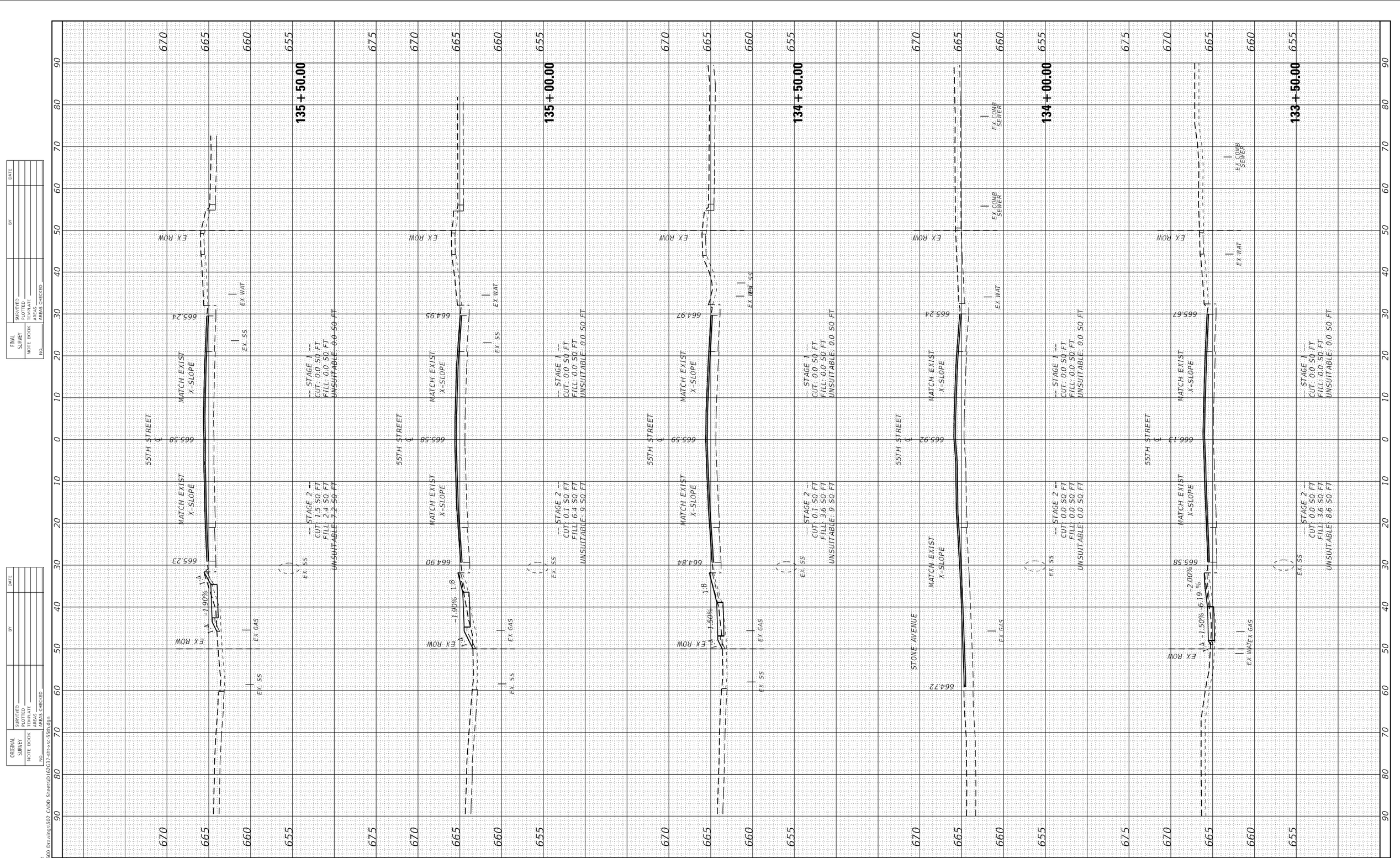
| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 41 OF 44 SHEETS | STA. 131+00.00 TO STA. 133+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 277 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn


Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-4154-2360
www.bowman.com

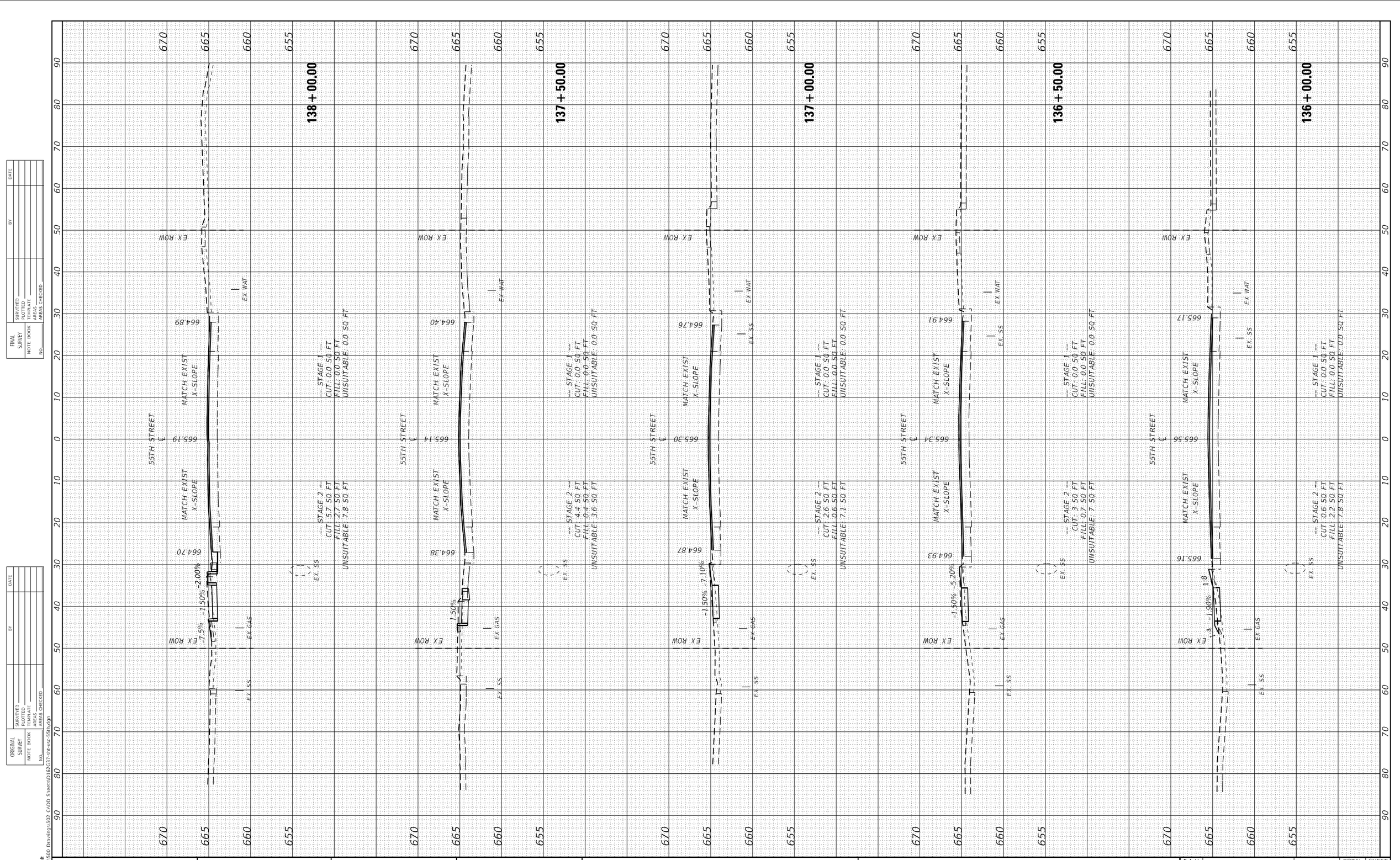

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 42 OF 44 SHEETS | STA. 133+50.00 TO STA. 135+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 278 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-4154-2360
www.bowmanus.com

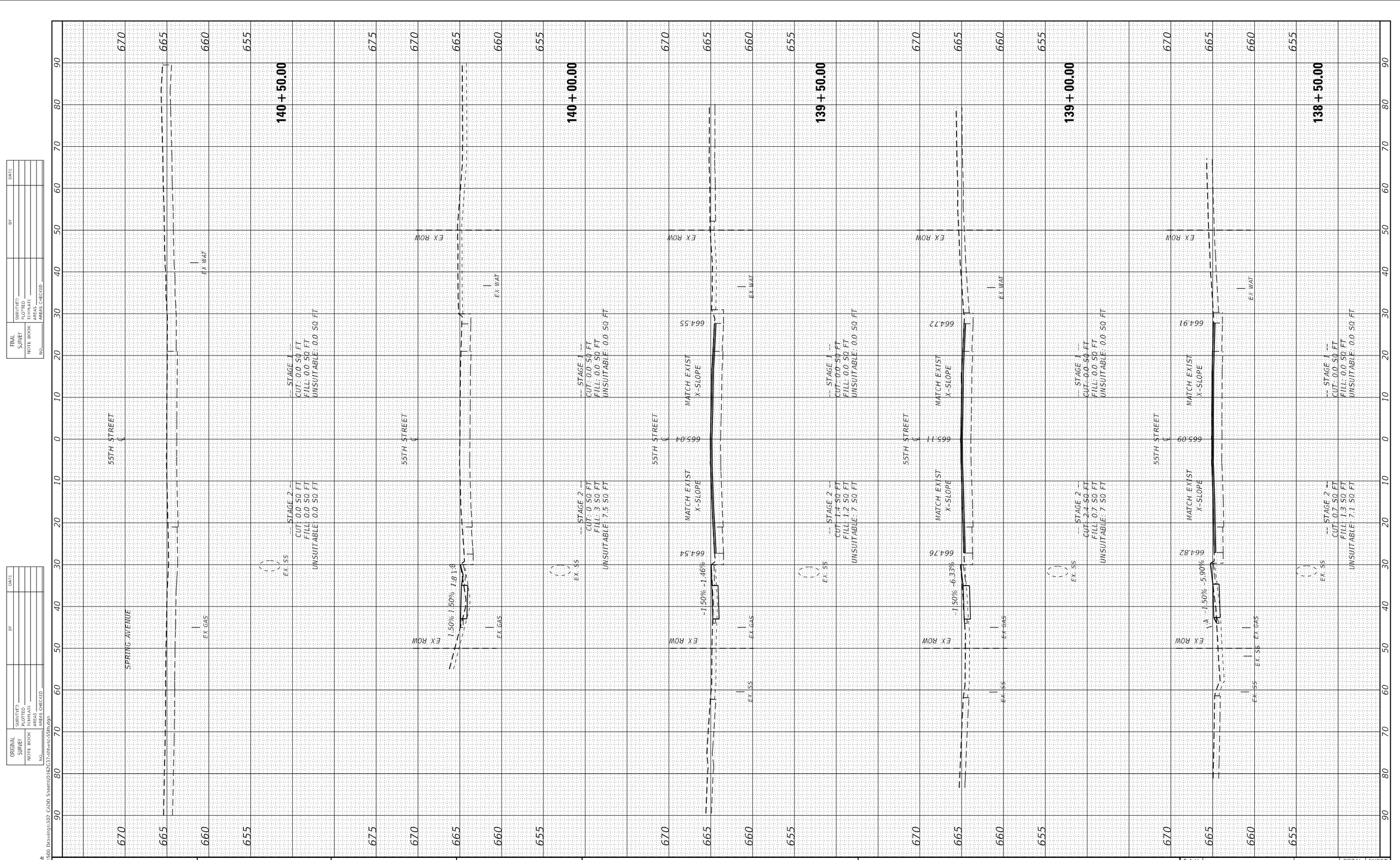
| | | | | |
|---|---|---|---|---|
| USER NAME = egrzeskowiak | | DESIGNED - JDW | REVISED - | |
| | | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 43 OF 44 SHEETS | STA. 136+00.00 TO STA. 138+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 279 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-55th.dgn

**Bowman**
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-435-4360
www.bowmanusa.com

| | | | |
|---|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - | |
| | DRAWN - JDW | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - | |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

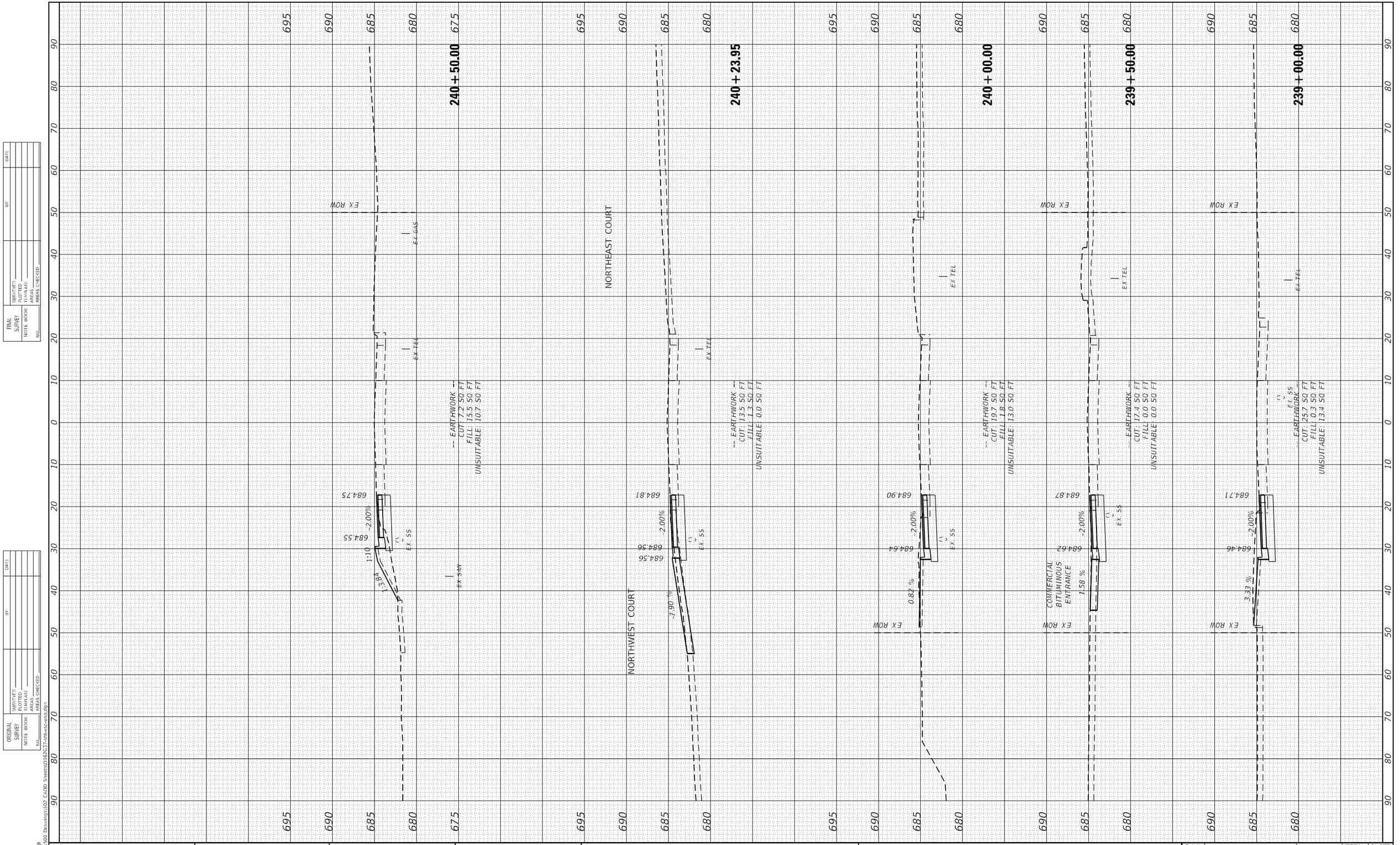
**CROSS SECTIONS**
**55TH STREET**

SCALE: 1"=10'H:1"=5'V | SHEET 44 OF 44 SHEETS | STA. 138+50.00 TO STA. 140+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 280 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-ohe-sc-wso.dgn

**Bowman** 311 S. Wacker Drive, Suite 1950 Chicago, Illinois 60606 312-494-6360 www.bowman.com

| | | |
|---|---|---|
| USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | DRAWN - JDW | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

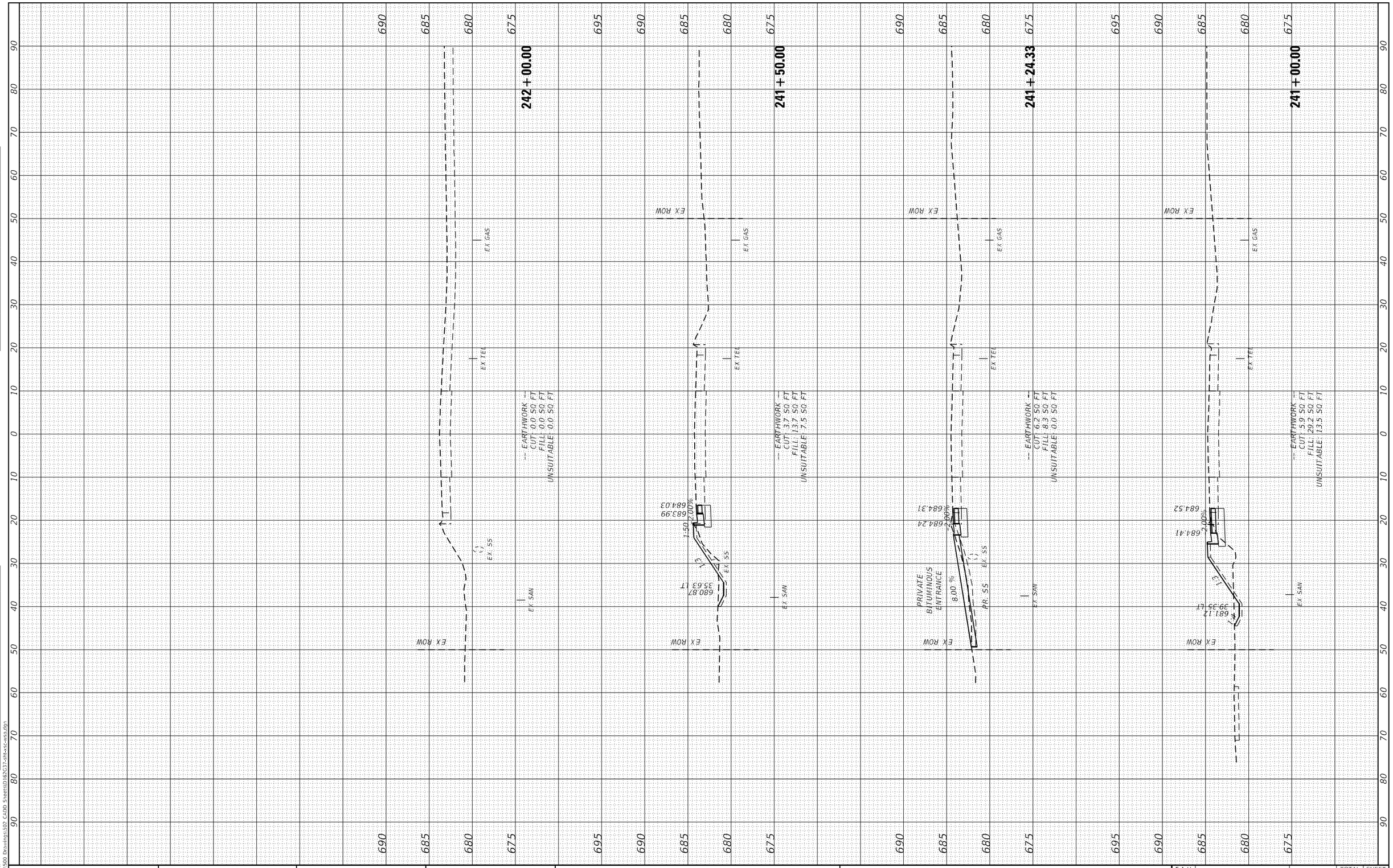
**CROSS SECTIONS**
**WILLOW SPRINGS ROAD**

SCALE: 1"=10'H:1"=5'V | SHEET 1 OF 2 SHEETS | STA. 239+00.00 TO STA. 240+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 281 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




MODEL: Default
FILE NAME: X:\500 Drawings\502 CADD Sheets\D162G37-sht-xsc-wsp.dgn

| | | | |
|---|---|---|---|
| **Bowman** 311 S. Wacker Drive, Suite 1960 Chicago, Illinois 60606 312-614-6360 www.bowman.com | USER NAME = egrzeskowiak | DESIGNED - JDW | REVISED - |
| | | DRAWN - JDW | REVISED - |
| | PLOT SCALE = 20.0000 ' / in. | CHECKED - EJG | REVISED - |
| | PLOT DATE = 03/24/2023 | DATE - 11/22/19 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**
**WILLOW SPRINGS ROAD**

SCALE: 1"=10'H:1"=5'V | SHEET 2 OF 2 SHEETS | STA. 241+00.00 | TO STA. 242+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1504 | 212-0103 N-1 | COOK | 282 | 282 |
| | | CONTRACT NO. 62G37 | | |
| | ILLINOIS | FED. AID PROJECT | | |