F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	1
	ILLINOIS	CONTRACT NO. 61L54		

04-24-2026 LETTING ITEM 040

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 1447 (16TH STREET)
HARLEM AVENUE (IL 43) TO LOMBARD AVENUE
SECTION 17–00175–00–LS
PROJECT K671(381)
ROADWAY RESURFACING & TRAFFIC SIGNAL IMPROVEMENTS
CITY OF BERWYN
COOK COUNTY
C–91–176–21

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

TRAFFIC DATA

ROAD NAME: 16TH STREET
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
POSTED SPEED LIMIT: 25 MPH
DESIGN SPEED: 30 MPH
ADT: 9,100–9,500 (2022)

LOCATION OF SECTION INDICATED THUS: –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED
Robert J. Lovero 07.31.2025
CITY OF BERWYN, MAYOR

PASSED FEBRUARY 17, 2026
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

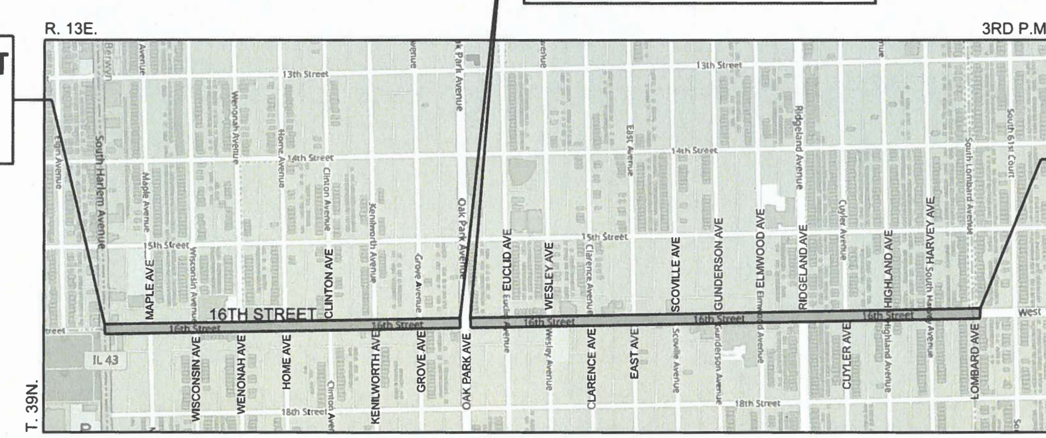
RELEASING FOR BID BASED ON LIMITED REVIEW Feb 17, 2026
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

RESURFACING OMISSION:
STA. 27 + 95.24 TO
STA. 28 + 71.89

BEGIN IMPROVEMENT
16TH STREET
STA. 00 + 93.63

END IMPROVEMENT
16TH STREET
STA. 68 + 90.09



LOCATION MAP

GROSS LENGTH = 6796.46 FT. = 1.287 MILE
NET LENGTH = 6719.81 FT. = 1.273 MILE

N

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

Contact the Metropolitan Water Reclamation District of Greater Chicago 2 days before starting work.
P (708) 588-4055
E WMOJobStart@mwrd.org

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, PE, SCHAUMBURG, IL

SHEETS COVERED BY THIS SEAL:
ROADWAY PLANS
(SHEETS 1-96, 130-140)

KEVIN L. BELGRAVE 062-051750 LICENSED PROFESSIONAL ENGINEER STATE OF ILLINOIS

SIGNED: Kevin L. Belgrave
KEVIN L. BELGRAVE, P.E., PTOE
DATE: JULY 25, 2025
EXP. 11/30/2027

SHEETS COVERED BY THIS SEAL:
SIGNAL PLANS
(SHEETS 102-136)

SIGNED:
ROSS J. HASEMAN, P.E., PTOE
DATE: JULY 25, 2025
EXP. 11/30/2027

ROSS J. HASEMAN 062-066228 LICENSED PROFESSIONAL ENGINEER STATE OF ILLINOIS

CONTRACT NO. 61L54

GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ▪ Vernon Hills, IL. 60061
TEL 847.478.9700 ▪ FAX 847.478.9701

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GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1 2022, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1 2026, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, THE DETAILS IN THESE PLANS, THE CONTRACT DOCUMENTS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE IEPA AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO.

2. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

3. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK.

5. ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

6. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL. IF NO NPDES PERMIT OR SWPPP MANUAL IS NEEDED FOR THE PROJECT THE CONTRACTOR SHALL PERFORM SOIL EROSION SEDIMENT CONTROL BEST PRACTICES OR AS DIRECTED BY THE OWNER TO PREVENT ILLICIT DISCHARGES FROM THE SITE.

7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.

8. IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED.

9. THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AND HAND SANITIZING STATIONS FOR THE USE OF ALL CONTRACTORS PERSONNEL EMPLOYED ON THE WORK SITE. THE FACILITIES SHALL BE MAINTAINED IN PROPER SANITARY CONDITION THROUGHOUT THE PROJECT. THE LOCATION OF THE TEMPORARY FACILITIES SHALL BE APPROVED BY THE ENGINEER.

10. TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, ABDULLA ALI, VIA EMAIL AT ABDULLA.ALI@ILLINOIS.GOV

11. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR KALPANA KANNAN-HOSADURGA VIA EMAIL AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

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

14. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.

15. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07. REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

16. NO DROP-OFF GREATER THEN 2 FEET AND ADJACENT TO THE EDGE OF TRAVELED-WAY SHALL BE ALLOWED FOR A PERIOD LONGER THEN 48 HOURS. THE CONTRACTOR SHALL MAKE ALL EFFORTS TO REDUCE THIS DROP-OFF TO LESS THAN 2 FEET AT THE END OF EACH DAY.

17. SIDEWALK CLOSURES SHALL BE STAGGERED SUCH THAT PEDESTRIANS CAN ACCESS ALL ADJACENT PROPERTIES AT ALL TIMES.

DISTRICT 1 DETAILS

BD-02	DRIVEWAY DETAIL - DISTANCE BETWEEN R.O.W. AND FACE OF CURB GREATER THAN 15' (4.5 m)
BD-07	STORM CONNECTION TO EXISTING SEWER
BD-08	FRAME AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINTS AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKING
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-01	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-02	MAST ARM MOUNTED STREET NAME SIGNS

UTILITY NOTES

1. UNDERGROUND WORK SHALL INCLUDE TRENCHING, DISPOSAL OF EXCESS MATERIAL, DEWATERING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION, AND TESTING AS SHOWN ON THE CONSTRUCTION PLANS. ALL SEWER SHALL BE INSTALLED USING A LASER AND BEGIN AT THE DOWNSTREAM END.

2. MACHINE CORE ALL CONNECTIONS TO EXISTING STRUCTURES USING A CORE DRILL. HAMMERING OR SAWING OF STRUCTURES WILL NOT BE ALLOWED.

3. ALL CONNECTIONS TO EXISTING OR DISSIMILAR STORM/SANITARY LINES SHALL BE DONE WITH STAINLESS STEEL NON-SHEAR COUPLINGS.

4. STONE BEDDING AND BACKFILL SHALL BE OMITTED FOR A DISTANCE OF 15 FEET UP AND DOWNSTREAM OF SEWERS DRAINING TO OR FROM PONDS OR STREAMS. THE REPLACED BEDDING SHALL BE SILTY CLAY SOIL MECHANICALLY COMPACTED TO 90% MODIFIED PROCTOR DENSITY. THE USE OF PERMEABLE SOILS WILL NOT BE PERMITTED.

TRAFFIC SIGNAL NOTES

MOTORIST NOTIFICATION FOR TURNING ON NEW TRAFFIC SIGNALS

2 WEEKS PRIOR TO SCHEDULED SIGNAL TURN-ON:

PLACE A CHANGEABLE MESSAGE SIGN (CMS) ON EACH MAINLINE APPROACH TO THE INTERSECTION WHICH READS:

NEW TRAFFIC SIGNAL	STARTING MMM ##

[INSERT 3-DIGIT MONTH ABBREVIATION & DATE FOR SCHEDULED TURN-ON]

ON THE DAY OF THE TURN-ON, CHANGE MESSAGES TO READ:

NEW SIGNAL AHEAD	BE PREPARED TO STOP

THE TEMPORARY WARNING DEVICES AND SIGN ACCESSORIES SHALL BE REMOVED 2 WEEKS AFTER SIGNAL TURN-ON

PHASE I COMMITMENTS

1. COORDINATION WITH IDOT BUREAU OF TRAFFIC IS REQUIRED IN PHASE II.

2. COORDINATION WITH COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS (CCDOTH) WILL BE REQUIRED IN PHASE II.

MODEL: Default
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_Gen-Notes-sht.dgn

GEWALT HAMILTON ASSOCIATES, INC.

USER NAME = akopel	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, LISTING OF APPLICABLE STANDARDS, GENERAL NOTES 16TH STREET - BERWYN, IL	
	DRAWN - AMK	REVISED -			
PLOT SCALE = 20.000 ' / in.	CHECKED - KLB	REVISED -			
PLOT DATE = 02/11/2026	DATE - 02/27/2026	REVISED -		SCALE: NONE · SHEET 1 OF 1 SHEETS · STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	2
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
   * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * CITY OF BERWYN MUNICIPAL CODE;
   * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
   * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055 OR SEND EMAIL NOTIFICATION WITH PROJECT NAME, LOCATION AND PERMIT NUMBER TO WMOJOBSTART@MWRD.ORG).

2. THE CITY OF BERWYN ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.

3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.

3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.

4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.

5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.

6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.

8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.

9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.

10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.

2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.

3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.

4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).

5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.

6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.

7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE		
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3034	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM F-679	ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350	ASTM D-3261,F-2620 (HEAT FUSION)
	ASTM D-3035	ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC		
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3139
14-INCH TO 48-INCH	AWWA C905	ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼ " TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.

9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.

10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.

11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
    a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
    b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
    c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.

12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.

13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.

14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.

16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.

17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.

2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.

3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.

4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
   a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
   b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.

7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.

9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.

10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.

11. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.

12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).

13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

14. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.

15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.

16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.

17. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.

18. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.

19. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.

20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.

21. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.

22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.

23. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN 16TH STREET 0006	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN LOCAL SIGNALS 0021	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN IDOT SIGNALS 0021
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	8	8		
	20101100	TREE TRUNK PROTECTION	EACH	59	59		
*	20101200	TREE ROOT PRUNING	EACH	59	59		
	20200100	EARTH EXCAVATION	CU YD	2,335	2,335		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	365	365		
	20800150	TRENCH BACKFILL	CU YD	1,274	1,274		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	8,726	8,726		
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,642	2,642		
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	40	40		
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	40	40		
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	40	40		
*	25200110	SODDING, SALT TOLERANT	SQ YD	2,642	2,642		
*	25200200	SUPPLEMENTAL WATERING	UNIT	143	143		
	28000510	INLET FILTERS	EACH	114	114		

* SPECIALTY ITEM # - CONSTRUCTION TYPE CODE 0042

MODEL: Default
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GHA GEWALT HAMILTON ASSOCIATES, INC.

USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - AMK	REVISED -	
PLOT SCALE = 1.000 ' / In.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -	

SUMMARY OF QUANTITIES
16TH STREET - BERWYN, IL

SCALE: N/A | SHEET 1 OF 11 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	4

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN 16TH STREET 0006	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN LOCAL SIGNALS 0021	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN IDOT SIGNALS 0021
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	365	365		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	289	289		
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	7,097	7,097		
	35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	112	112		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	19,656	19,656		
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	9,373	9,373		
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	44	44		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	682	682		
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	191	191		
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1,169	1,169		
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2,447	2,447		
	42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	176	176		
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	73	73		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	40,679	40,679		

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SUMMARY OF QUANTITIES

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	42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	872	872		
	42400800	DETECTABLE WARNINGS	SQ FT	1,407	1,407		
	44000100	PAVEMENT REMOVAL	SQ YD	4,420	4,420		
	44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	28,335	28,335		
	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	1,117	1,117		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	14	14		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	8,464	8,464		
	44000600	SIDEWALK REMOVAL	SQ FT	38,737	38,737		
	44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	102	102		
	44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	153	153		
	44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	459	459		
	44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	306	306		
	44201811	CLASS D PATCHES, TYPE I, 14 INCH	SQ YD	60	60		
	44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	322	322		

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SUMMARY OF QUANTITIES

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	44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	54	54		
	44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	70	70		
	55100200	STORM SEWER REMOVAL 6"	FOOT	24	24		
*	56109210	WATER VALVES TO BE ADJUSTED	EACH	3	3		
*	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2	2		
*	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	18	18		
	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1		
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2		
	60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1		
	60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	7	7		
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	2		
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	16	16		
	60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	1		

* SPECIALTY ITEM   # - CONSTRUCTION TYPE CODE 0042

MODEL: Default
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USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - AMK	REVISED -	
PLOT SCALE = 1.000 ' / In.	CHECKED - KLB	REVISED -	
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SUMMARY OF QUANTITIES
16TH STREET - BERWYN, IL

SCALE: N/A | SHEET 4 OF 11 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	7

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN 16TH STREET 0006	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN LOCAL SIGNALS 0021	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN IDOT SIGNALS 0021
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	33	33		
	60251200	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	2	2		
	60255500	MANHOLES TO BE ADJUSTED	EACH	15	15		
	60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1		
	60256400	MANHOLES TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	6	6		
	60260100	INLETS TO BE ADJUSTED	EACH	19	19		
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	5	5		
	60500060	REMOVING INLETS	EACH	11	11		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	8,649	8,649		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	791	791		
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	21	21		
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	8	8		

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SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN 16TH STREET 0006	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN LOCAL SIGNALS 0021	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN IDOT SIGNALS 0021
	67100100	MOBILIZATION	L SUM	1	1		
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	560	560		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,068	7,068		
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,333	2,333		
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	3,711	3,711		
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	18,504	18,504		
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	9,213	9,213		
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	7,608	7,608		
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	2,289	2,289		
*	72000100	SIGN PANEL - TYPE 1	SQ FT	230	159	71	
*	72000200	SIGN PANEL - TYPE 2	SQ FT	41		41	

* SPECIALTY ITEM # - CONSTRUCTION TYPE CODE 0042

		SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	16TH STREET 0006	LOCAL SIGNALS 0021	IDOT SIGNALS 0021
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	21	21		
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	129	129		
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	475	475		
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	55	55		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,237	1,237		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6,168	6,168		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3,071	3,071		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,536	2,536		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	763	763		
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,455	1,455		
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	494	494		
*	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	26,672	26,672		
*	80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	3		3	
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,039		1,039	

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	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN 16TH STREET 0006	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN LOCAL SIGNALS 0021	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN IDOT SIGNALS 0021
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	381		381	
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	404		404	
*	81400100	HANDHOLE	EACH	9		9	
*	81400200	HEAVY-DUTY HANDHOLE	EACH	6		6	
*	81400300	DOUBLE HANDHOLE	EACH	2		2	
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3,797		3,797	
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	4,767		4,767	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5,701		5,701	
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,831		1,831	
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,986		3,986	
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	239		239	
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,967		1,967	
*	87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	13		13	

SUMMARY OF QUANTITIES

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MODEL: Default
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USER NAME = mvasak	DESIGNED - MJV	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
16TH STREET - BERWYN, IL

SCALE: N/A SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	11

CONTRACT NO. 61L54

ILLINOIS FED. AID PROJECT

	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN 16TH STREET 0006	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN LOCAL SIGNALS 0021	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN IDOT SIGNALS 0021
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
*	87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	2		2	
*	87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1		1	
*	87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	6		6	
*	87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	3		3	
*	87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1		1	
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	64		64	
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4	
*	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	145		145	
*	87900200	DRILL EXISTING HANDHOLE	EACH	29		29	
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	20		20	
*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	20		20	
*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6		6	
*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6		6	
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	30		30	

* SPECIALTY ITEM # - CONSTRUCTION TYPE CODE 0042

MODEL: Default
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_SOQ-sht.dgn

USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - AMK	REVISED -	
PLOT SCALE = 1.000 ' / In.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -	

SUMMARY OF QUANTITIES
16TH STREET - BERWYN, IL

SCALE: N/A SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	12

CONTRACT NO. 61L54

ILLINOIS FED. AID PROJECT

		SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	16TH STREET 0006	LOCAL SIGNALS 0021	IDOT SIGNALS 0021
*	88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	26		26	
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	16		16	
*	88600100	DETECTOR LOOP, TYPE I	FOOT	1,497		1,497	
*	88700200	LIGHT DETECTOR	EACH	4		4	
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	2		2	
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3		3	
*	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2		2	
*	89502200	MODIFY EXISTING CONTROLLER	EACH	2		2	
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	10,915		10,915	
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	2		
*	89502376	REBUILD EXISTING HANDHOLE	EACH	30	23	7	
*	89502380	REMOVE EXISTING HANDHOLE	EACH	3	3		
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	20	20		
*	A2004520	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9		

* SPECIALTY ITEM # - CONSTRUCTION TYPE CODE 0042

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN 16TH STREET 0006	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN LOCAL SIGNALS 0021	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN IDOT SIGNALS 0021
*	A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10		
*	A2008320	TREE, TILIA TOMENTOSA (SILVER LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12		
*	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	2	2		
	X0320067	BENCH REMOVAL	EACH	2	2		
	X0323706	TRASH RECEPTACLE RELOCATION	EACH	7	7		
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	746		746	
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	1,070		1,070	
*	X0325134	WIRELESS INTERCONNECT (COMPLETE)	EACH	1		1	
	X0327301	RELOCATE EXISTING MAILBOX	EACH	1	1		
	X0327997	TRASH RECEPTACLES	EACH	13	13		
*	X0328020	CENTRACS LICENSE EXPANSION	EACH	4		4	
*	X1400216	LAYER II (DATALINK) SWITCH	EACH	4		4	
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4		4	
*	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	8		8	

* SPECIALTY ITEM # - CONSTRUCTION TYPE CODE 0042

		SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	16TH STREET 0006	LOCAL SIGNALS 0021	IDOT SIGNALS 0021
	X1700112	BRICK PAVER REMOVAL	SQ FT	310	310		
*	X2530008	TREE GRATES	EACH	31	31		
	X3510407	AGGREGATE BASE COURSE, TYPE CA-7	TON	505	505		
	X3510416	AGGREGATE BASE COURSE, TYPE CA-16	TON	253	253		
	X4420815	CLASS D PATCHES, TYPE II, 14 INCH (SPECIAL)	SQ YD	65	65		
	X4420819	CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)	SQ YD	24	24		
*	X5430208	CURED-IN-PLACE PIPE LINER, 8"	FOOT	178	178		
*	X5430212	CURED-IN-PLACE PIPE LINER, 12"	FOOT	3,243	3,243		
*	X5430215	CURED-IN-PLACE PIPE LINER, 15"	FOOT	160	160		
	X5510208	COMBINED SEWER REMOVAL 8"	FOOT	513	513		
	X5510212	COMBINED SEWER REMOVAL 12"	FOOT	905	905		
	X5510215	COMBINED SEWER REMOVAL 15"	FOOT	64	64		
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	108	108		
	X6060505	CONCRETE CURB (SPECIAL)	FOOT	4,665	4,665		

* SPECIALTY ITEM   # - CONSTRUCTION TYPE CODE 0042

	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
					80% FEDERAL / 20% CITY OF BERWYN	80% FEDERAL / 20% CITY OF BERWYN	80% FEDERAL / 20% CITY OF BERWYN
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	16TH STREET 0006	LOCAL SIGNALS 0021	IDOT SIGNALS 0021
	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	14	14		
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	643		643	
*	X8100105	CONDUIT SPLICE	EACH	3		3	
*	X8100863	INTERCEPT EXISTING CONDUIT	EACH	2		2	
*	X8130130	JUNCTION BOX TO BE ADJUSTED	EACH	13	13		
*	X8570233	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	2		2	
*	X8620200	UNINTERRUPTABLE POWER SUPPLY, (SPECIAL)	EACH	2		2	
*	X8620250	UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	2		2	
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	30		30	
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	48		48	
*	X8780402	MODIFY EXISTING TYPE "D" FOUNDATION	EACH	1		1	
*	X8809005	LED SIGNAL FACE, LENS COVER	EACH	52		52	
*	X8860105	DETECTOR LOOP REPLACEMENT	FOOT	322			322
*	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3	3		

* SPECIALTY ITEM   # - CONSTRUCTION TYPE CODE 0042

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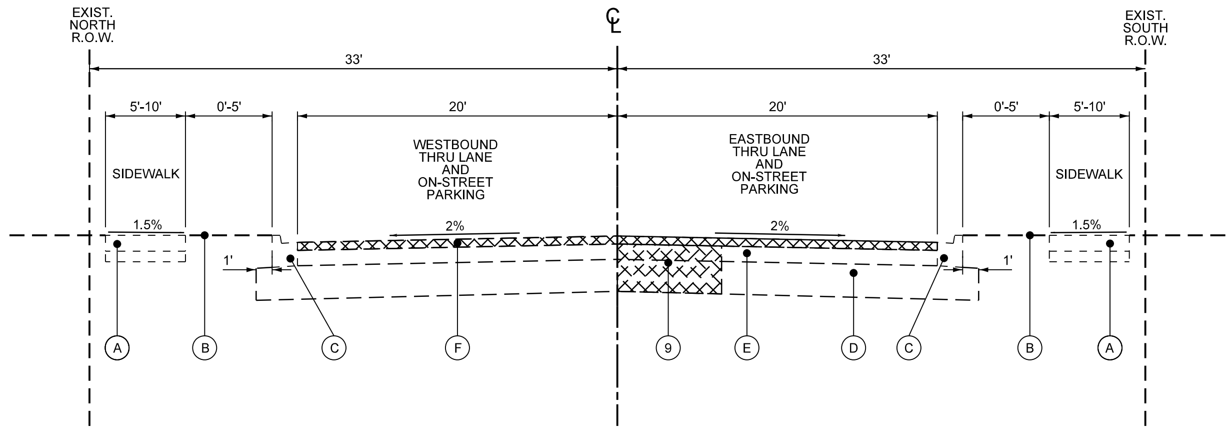
SUMMARY OF QUANTITIES

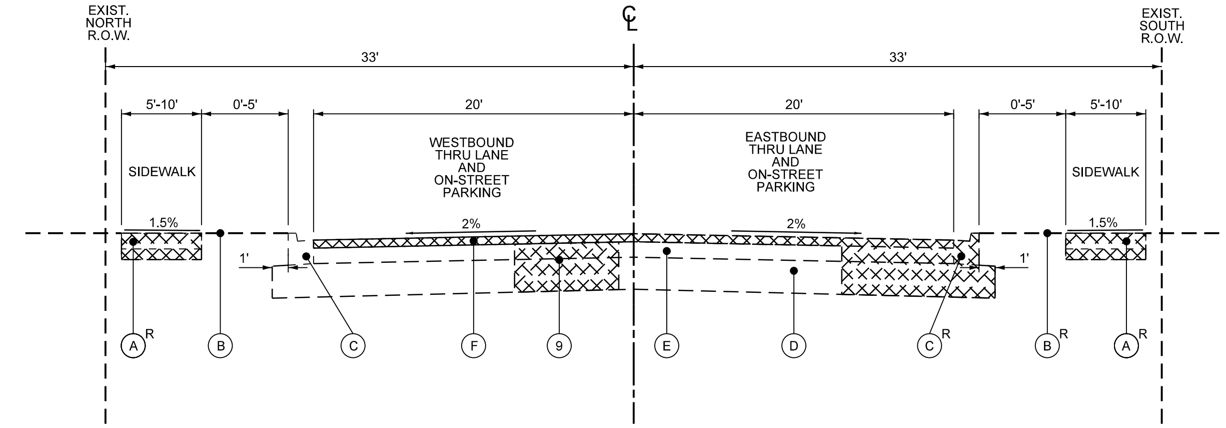
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN 16TH STREET 0006	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN LOCAL SIGNALS 0021	CONSTRUCTION TYPE CODE 80% FEDERAL / 20% CITY OF BERWYN IDOT SIGNALS 0021
	XX005696	SEWER CONNECTIONS TO STRUCTURES	EACH	88	88		
	XX006381	CRUSHED AGGREGATE CA-1	CU YD	1,172	1,172		
	XX007655	STORM SEWER BACKFLOW PREVENTER	EACH	10	10		
	XX009395	BRICK PAVERS, PERMEABLE	SQ FT	22,508	22,508		
*	XX009570	CONTINUOUS TREE PIT SOIL SYSTEM	SQ FT	3,577	3,577		
	Z0003850	BENCHES	EACH	8	8		
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
*	Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1	1		
	Z0056603	STORM SEWER (WATER MAIN REQUIREMENTS) 6 INCH	FOOT	24	24		
	Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	537	537		
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	974	974		
*	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	64	64		
#	Z0076600	TRAINEES	HOUR	500			
#	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500			

* SPECIALTY ITEM # - CONSTRUCTION TYPE CODE 0042



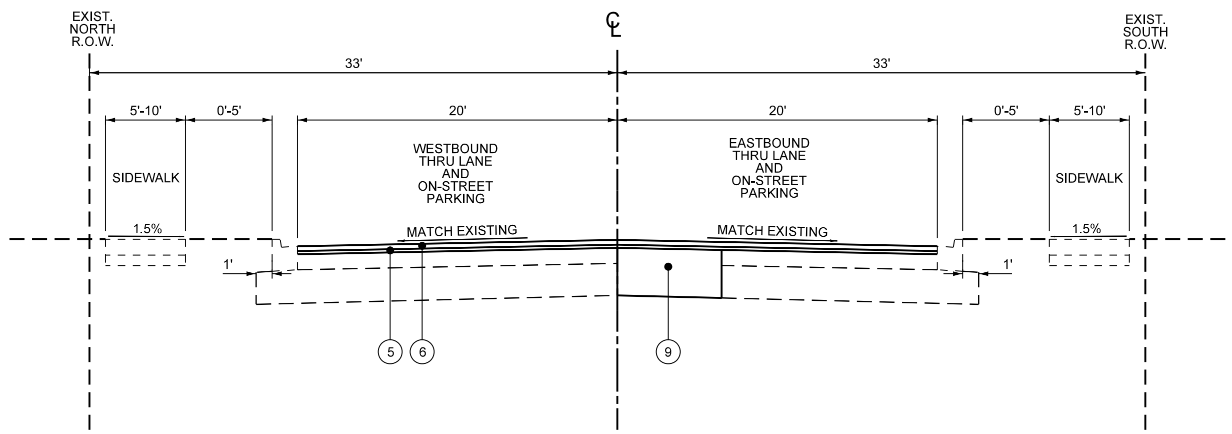
16TH STREET EXISTING TYPICAL SECTION

STA. 0+93 TO 4+14
STA. 20+78 TO 32+27
STA. 37+86 TO 45+61
STA. 51+24 TO 52+34
STA. 52+98 TO 57+09



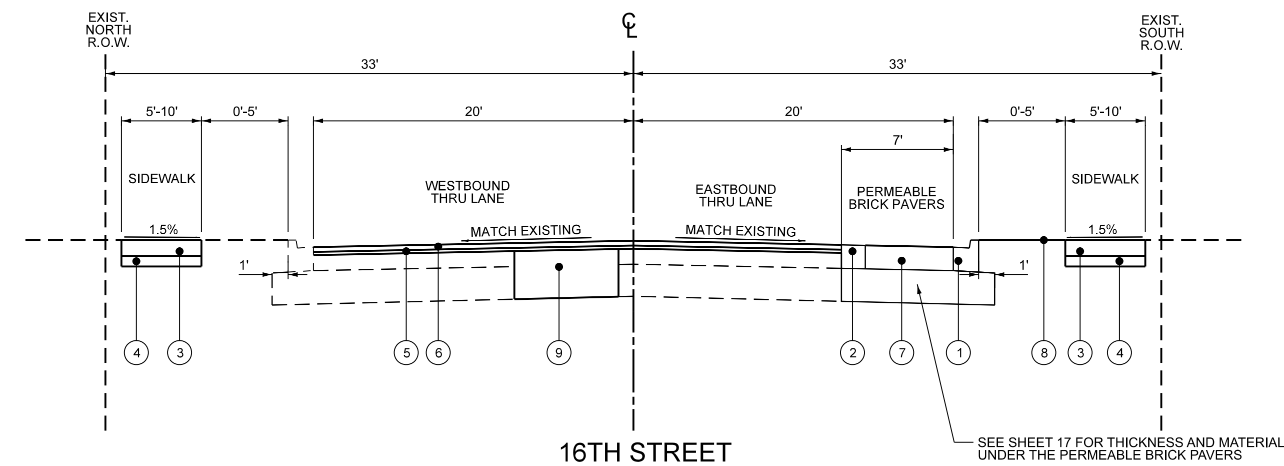
16TH STREET EXISTING TYPICAL SECTION

STA. 7+98 TO 14+75



16TH STREET PROPOSED TYPICAL SECTION

STA. 0+93 TO 4+14
STA. 20+78 TO 32+27
STA. 37+86 TO 45+61
STA. 51+24 TO 52+34
STA. 52+98 TO 57+09



16TH STREET PROPOSED TYPICAL SECTION

STA. 7+98 TO 14+75

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"	4% @ 50 GYR	LR1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, VARIES 0.75" TO 1.00"	3.5% @ 50 GYR	LR1030-2
PAVEMENT RESURFACING WITH SLOPE CORRECTION FOR ADA COMPLIANCE		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; VARIES 1.5" TO 3.78"	4% @ 50 GYR	LR1030-2
CLASS D PATCHES 12" & 14"		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR	LR1030-2
CLASS D PATCHES 14", SPECIAL		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D",N50 , TOP 2"	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR	LR1030-2
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2		

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ.YD./IN.

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.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLYMERIZED HMA BC IL-4.75 N50.

THE CONTRACTOR SHALL USE 14 INCH CLASS D PATCHES, COMPRISED ENTIRELY OF BINDER COURSE, DURING COMBINED SEWER REPAIR WORK BEFORE MILLING. THESE PATCHES WILL BE MILLED PRIOR TO PLACEMENT OF FINAL SURFACE.

THE CONTRACTOR SHALL USE 12 INCH CLASS D PATCHES AFTER MILLING IN AREAS IDENTIFIED BY THE ENGINEER IN THE FIELD.

LEGEND

- (A) EXISTING SIDEWALK
- (B) EXISTING GROUND
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (D) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE (5.25"-14.0")
- (E) EXISTING HOT-MIX ASPHALT OVERLAY (2.25"-8.75")
- (F) HOT-MIX ASPHALT SURFACE REMOVAL 2.25"
- ( ) R ITEM TO BE REMOVED
- (1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (2) CONCRETE CURB (SPECIAL)
- (3) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (4) AGGREGATE BASE COURSE, TYPE B, 4"
- (5) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (0.75")

  NOTE: IN LOCATIONS WHERE EXISTING PCC BASE COURSE HAS BEEN EXPOSED AFTER MILLING, POLYMERIZED HMA BINDER COURSE THICKNESS SHALL BE 1.0"
- (6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1.5")
- (7) BRICK PAVER PERMEABLE
- (8) TOPSOIL FUNISH AND PLACE, 4"
  SODDING, SALT TOLERANT
  NITROGEN FERTILIZER NUTRIENT
  PHOSPHORUS FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- (9) CLASS D PATCHES
  (LOCATIONS AS-NEEDED TO FACILTATE SEWER REPAIRS OR IN AREAS WHERE EXISTING PAVEMENT IS IN POOR CONDITION AS DETERMINED BY THE ENGINEER)

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GEWALT HAMILTON ASSOCIATES, INC.

USER NAME = mvasak	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 6.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/19/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

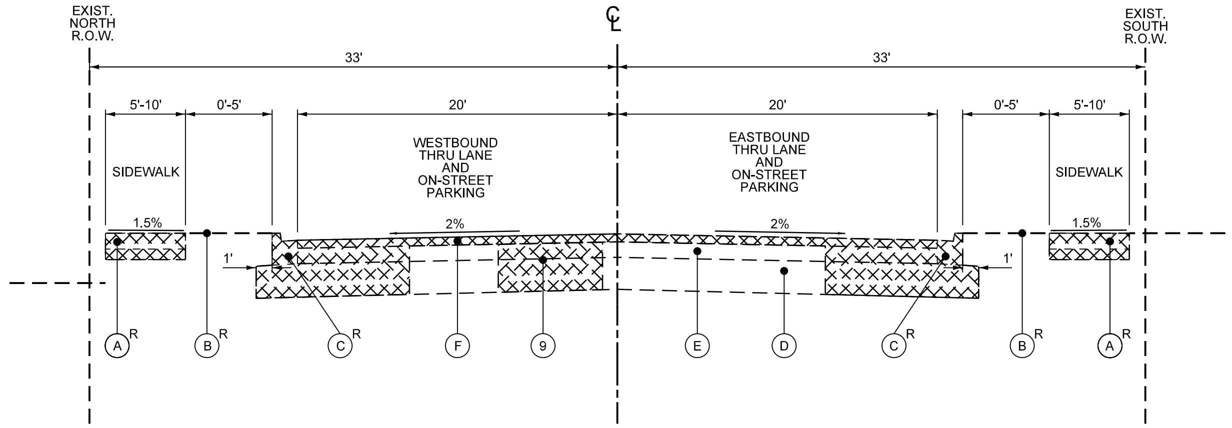
TYPICAL SECTIONS
16TH STREET - BERWYN, IL

SCALE: N.T.S. | SHEET 1 OF 3 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	18

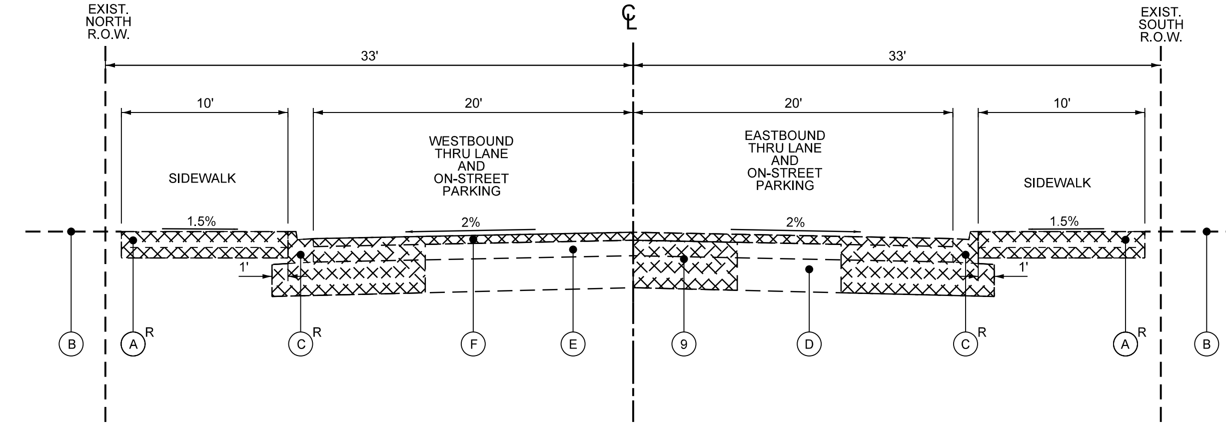
CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



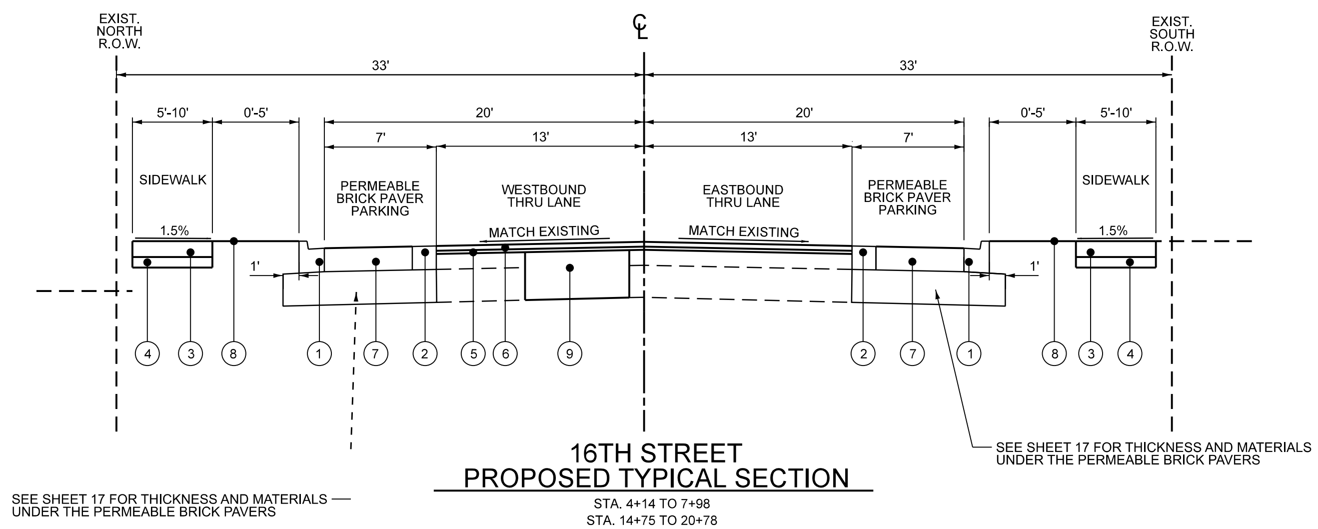
16TH STREET
EXISTING TYPICAL SECTION

STA. 4+14 TO 7+98
STA. 14+75 TO 20+78
STA. 32+27 TO 32+72
STA. 34+20 TO 36+01
STA. 37+21 TO 37+86
STA. 45+61 TO 46+07
STA. 47+55 TO 48+97
STA. 50+73 TO 51+24
STA. 57+09 TO 68+39



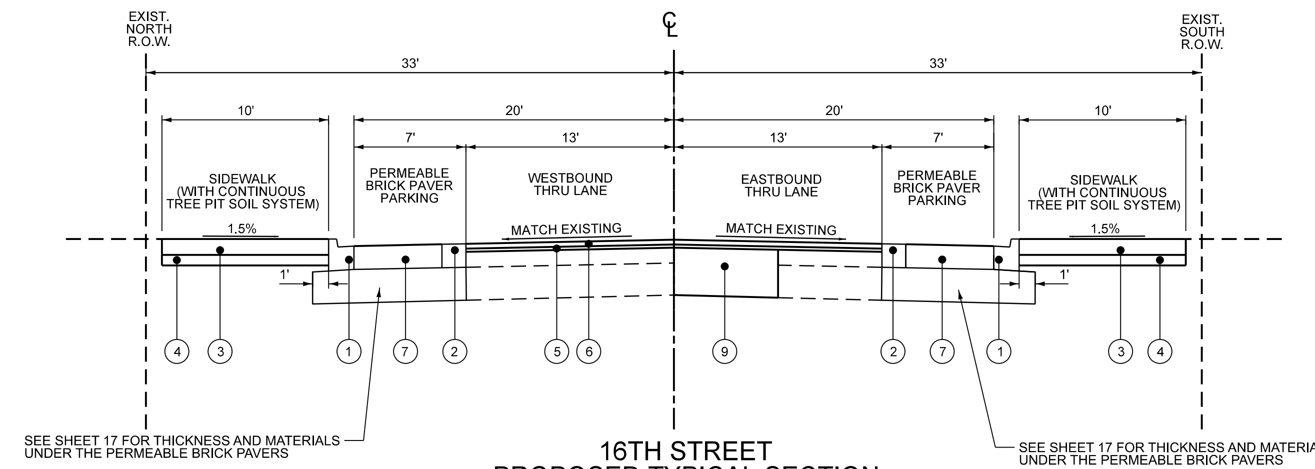
16TH STREET
EXISTING TYPICAL SECTION

STA. 32+72 TO 34+20
STA. 36+01 TO 37+21
STA. 46+07 TO 47+55
STA. 48+97 TO 50+73
STA. 52+34 TO 52+98



16TH STREET
PROPOSED TYPICAL SECTION

STA. 4+14 TO 7+98
STA. 14+75 TO 20+78
STA. 32+27 TO 32+72
STA. 34+20 TO 36+01
STA. 37+21 TO 37+86
STA. 45+61 TO 46+07
STA. 47+55 TO 48+97
STA. 50+73 TO 51+24
STA. 57+09 TO 68+39



16TH STREET
PROPOSED TYPICAL SECTION

STA. 32+72 TO 34+20
STA. 36+01 TO 37+21
STA. 46+07 TO 47+55
STA. 48+97 TO 50+73
STA. 52+34 TO 52+98

NOTE:

FOR CONTINUOUS TREE PIT SOIL SYSTEM DETAILS AND DIMENSIONS SEE ESC DETAILS, SHEETS 36-37.

FOR PERMEABLE BRICK PAVER DETAILS AND DIMENSIONS SEE SHEET 17.

LEGEND

- (A) EXISTING SIDEWALK
- (B) EXISTING GROUND
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (D) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE (5.25"-14.0")
- (E) EXISTING HOT-MIX ASPHALT OVERLAY (2.25"-8.75")
- (F) HOT-MIX ASPHALT SURFACE REMOVAL 2.25"
- ( )R ITEM TO BE REMOVED
- (1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (2) CONCRETE CURB (SPECIAL)
- (3) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (4) AGGREGATE BASE COURSE, TYPE B, 4"
- (5) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (0.75")

  NOTE: IN LOCATIONS WHERE EXISTING PCC BASE COURSE HAS BEEN EXPOSED AFTER MILLING, POLYMERIZED HMA BINDER COURSE THICKNESS SHALL BE 1.0"
- (6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1.5")
- (7) BRICK PAVER PERMEABLE
- (8) TOPSOIL FUNISH AND PLACE, 4"
  SODDING, SALT TOLERANT
  NITROGEN FERTILIZER NUTRIENT
  PHOSPHORUS FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- (9) CLASS D PATCHES
  (LOCATIONS AS-NEEDED TO FACILTATE SEWER REPAIRS OR IN AREAS WHERE EXISTING PAVEMENT IS IN POOR CONDITION AS DETERMINED BY THE ENGINEER)

GEWALT HAMILTON ASSOCIATES, INC.

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	DRAWN - AMK	REVISED -	
PLOT SCALE = 6.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

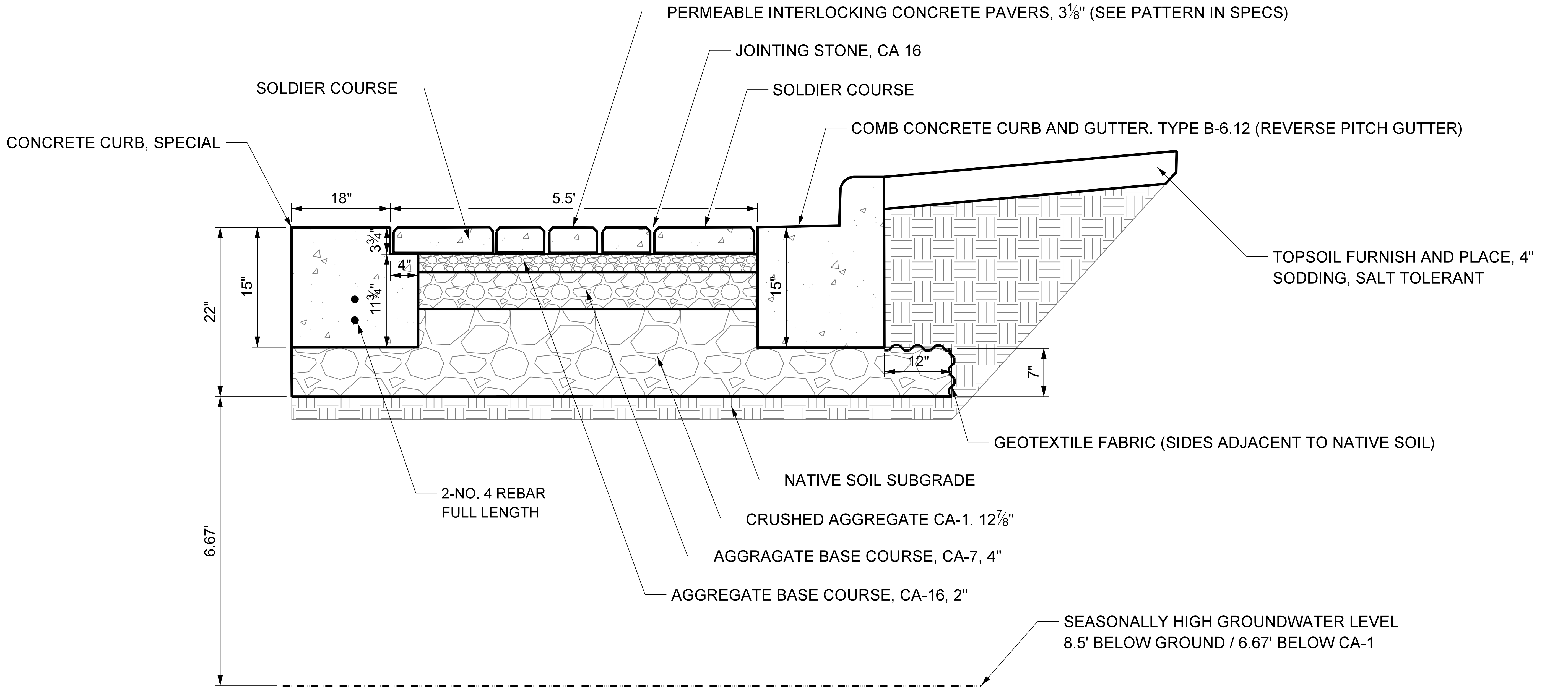
TYPICAL SECTIONS
16TH STREET - BERWYN, IL

SCALE: N.T.S. | SHEET 2 OF 3 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	19

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



PERMEABLE BRICK PAVER DETAIL AT CURB AND GUTTER / CONCRETE CURB, SPECIAL

NOTE: PROVIDE "V" SHAPE WITH 2% SLOPES IN CONCRETE CURB, SPECIAL
WHERE ADJACENT PAVEMENT ON BOTH SIDES OF CURB SLOPE TOWARDS CURB.

GEWALT HAMILTON ASSOCIATES, INC.

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PLOT SCALE = 6.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

TYPICAL SECTIONS
16TH STREET - BERWYN, IL

SCALE: N.T.S. | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	20

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

SCHEDULE OF SEWER REPAIR

PIPE NUMBER	UPSTREAM STRUCTURE NUMBER	DOWNSTEAM STRUCTURE NUMBER	UTILITY TYPE	LENGTH (FOOT)	ELEVATIONS UPSTREAM INVERT	ELEVATIONS DOWNSTREAM INVERT	ELEVATIONS SLOPE	20800150 TRENCH BACKFILL	44201811 CLASS D PATCHES, TYPE I, 14 INCH	44201815 CLASS D PATCHES, TYPE II, 14 INCH	44201819 CLASS D PATCHES, TYPE III, 14 INCH	44201821 CLASS D PATCHES, TYPE IV, 14 INCH	X4420815 CLASS D PATCHES, TYPE II, 14 INCH (SPECIAL)	X4421407 CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)	X5430208 CURED-IN-PLACE PIPE LINER, 8"	X5430212 CURED-IN-PLACE PIPE LINER, 12"	X5430215 CURED-IN-PLACE PIPE LINER, 15"	XX007655 STORM SEWER BACKFLOW PREVENTER	Z0056603 STORM SEWER (WATER MAIN REQUIREMENTS) 6 INCH	Z0056604 STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	Z0056608 STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	Z0056610 STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH
								CU YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	EACH	FOOT	FOOT	FOOT	FOOT
1A	1025A	1025	COMBINED	32	608.74	608.79	-0.16%	56.7			19.0											32
1B	1218	1116	COMBINED	178	609.50	609.17	0.19%									178						
1B	1218	1116	COMBINED	8	609.21	609.2	0.12%	16.1		6.2											8	
1C	1218	1116	COMBINED	8	609.33	609.32	0.12%	16.1		6.2											8	
1D	1218	1116	COMBINED	8	609.38	609.37	0.12%	16.1		6.2											8	
1E	1218	1116	COMBINED	9	609.43	609.42	0.11%	16.1		5.8											9	
1F	1218	1116	COMBINED	8	609.45	609.44	0.12%	16.1		6.2											8	
1G	1218.3	MAINLINE	STORMWATER	19	611.57	BLIND MATCH	MATCH EX	19.7		7.3								1		19		
1H	1219	1218	COMBINED	177	609.89	609.50	0.22%									177						
1I	1220	1219	COMBINED	145	610.04	609.89	0.10%									145						
1J	1221	1220	COMBINED	89	610.12	610.04	0.09%									89						
1K	1224	MAINLINE	STORMWATER	22	613.12	BLIND MATCH	MATCH EX	17.1		9.4								1		22		
1L	1225	1221	COMBINED	58	610.36	610.12	0.41%									58						
1M	1115	1116	COMBINED	24	613.67	610.67	12.50%	22.4		12.7										24		
1N	1215	1217	COMBINED	16	609.44	607.31	13.31%	22.0	3.3											16		
1O	1116	1025A	COMBINED	24	608.98	608.91	0.29%	42.5		14.9												24
1P	1116	1025A	COMBINED	160	609.17	608.65	0.32%										160					
1Q	1114	1116	COMBINED	8	612.01	611.36	8.12%	11.5		5.7										8		
1R	1114	1116	COMBINED	44	612.74	609.17	8.11%								44							
1S	1-1	1217	STORMWATER	24	607.55	607.31	1.00%	35.7												24		
2A	1327	1326	COMBINED	177	612.94	612.47	0.27%									177						
2B	1544	1544.1	STORMWATER	8	613.71	610.19	44.00%	5.3	0.8											8		
2C	1545	1633	COMBINED	176	611.73	611.27	0.26%									176						
2D	1633.2	MAINLINE	STORMWATER	36	611.67	BLIND MATCH	MATCH EX	26.2		9.7										36		
2E	1426	1423	COMBINED	8	MATCH EX	MATCH EX	MATCH EX	9.7	1.5				5.3								8	
2F	1535	1427	COMBINED	18	613.27	613.30	-0.17%	8.8		11.1											18	
2G	1538	1534	COMBINED	8	MATCH EX	MATCH EX	MATCH EX	8.6					6.3								8	
2H	1631.1	1630	COMBINED	8	611.67	611.07	7.50%	8.3												8		
3A	1742	1743	COMBINED	8	611.91	611.41	6.25%	12.3												8		
3B	1738.1	1738	COMBINED	8	613.06	612.79	3.37%	4.4												8		
3C	1874	1874.1	STORMWATER	26	615.37	611.66	14.27%								26							
3D	2022	2012.1	STORMWATER	8	610.62	610.73	-1.38%	7.0	4.4											8		
3E	2015.1	2015	STORMWATER	6	611.01	610.73	4.69%	8.9													6	
3E	2015.1	2015	STORMWATER	16	611.25	610.50	4.69%									16						
3F	2024	2015	STORMWATER	52	611.93	610.50	2.75%	37.0		10.5											52	
3G	1737	1739	COMBINED	15	612.46	610.66	12.00%	10.2		6.1										15		
3H	1739	1736	COMBINED	64	610.35	MATCH EX	MATCH EX									64						
3I	1741	1742	COMBINED	5	615.11	612.48	52.60%	1.6												5		
3J	1743	1745	COMBINED	8	MATCH EX	MATCH EX	MATCH EX	14.7					6.3								8	
3K	1743	1745	COMBINED	34	MATCH EX	MATCH EX	MATCH EX									34						
3L	2014	2011	COMBINED	8	MATCH EX	MATCH EX	MATCH EX	13.4	2.3				5.0								8	
3M	2014	2011	COMBINED	8	MATCH EX	MATCH EX	MATCH EX	13.4					6.3								8	
3N	3-1	1739	STORMWATER	23	614.95	614.72	1.00%	4.0		9.9											23	
4A	2016	2145	COMBINED	137	610.05	609.49	0.41%									137						
4A	2016	2145	COMBINED	8	610.04	610.00	0.50%	12.8													8	
4B	4-1	2146	STORMWATER	25	613.58	613.33	1.00%	5.1	4.9									1			25	
4C	4-2	2156.1	STORMWATER	15	613.48	613.33	1.00%	3.5	0.6												15	
4D	4-3	2156.1	STORMWATER	15	612.04	611.89	1.00%	9.5		11.6											15	
4E	4-4	4-3	STORMWATER	16	613.77	613.61	1.00%	3.3													16	
4F	2146	2143	STORMWATER	32	611.59	611.86	-0.84%	11.0												32		
4G	2144	2145	STORMWATER	8	610.78	609.49	16.12%	9.6	4.0											8		
4H	4-5	2149.1	STORMWATER	19	611.33	611.14	1.00%	14.4	1.4												19	
4I	4-6	4-7	STORMWATER	8	613.39	613.31	1.00%	2.2		5.6											8	
4J	4-8	4-7	STORMWATER	9	613.40	613.31	1.00%	2.2													9	
4K	4-9	2149.1	STORMWATER	25	613.65	613.40	1.00%	5.9	1.3												25	
4L	2284	2145	COMBINED	151	610.42	609.49	0.62%									151						
4M	2282	2284	COMBINED	148	610.64	610.42	0.15%									148						
4N	2283	2282	STORMWATER	8	612.86	610.64	27.75%	2.4	1.4											8		
4O	2285	2282	STORMWATER	8	611.15	611.05	1.25%	3.7	4.5											8		
4P	4-10	2285	STORMWATER	25	611.40	611.15	1.00%	17.4													25	
4Q	2290	2282	COMBINED	21	610.24	610.46	-1.03%	18.1		5.2											21	
4Q	2290	2282	COMBINED	150	609.09	610.64	-1.03%									150						
4R	2290	2282	COMBINED	8	609.14	609.22	-1.03%	13.8					6.3								8	
4S	2288	2286	STORMWATER	36	611.85	612.65	-2.22%	11.5				27.1								36		
4T	2287	2286	STORMWATER	25	612.44	612.65	-0.84%	6.6												25		
4U	2286	2430	COMBINED	8	612.65	612.66	-0.12%	3.1													8	
4V	2286	2430	COMBINED	8	612.75	612.76	-0.12%	3.9		6.3											8	
4W	2286	2430	COMBINED	8	612.83	612.84	-0.12%	3.9		6.3											8	
4X	2430	2429	COMBINED	8	612.87	612.85	0.25%	3.9		5.1											8	
4Y	2430	2429	COMBINED	8	612.66	612.64	0.25%	4.2		6.3											8	
4Z	2430	2429	COMBINED	8	612.58	612.56	0.25%	4.2		6.3											8	

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Default
FILE NAME: G:\ORD_CONNECT\DOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_Schedules-sht.dgn

USER NAME = mvasak
PLOT SCALE = 1.000 ' / in.
PLOT DATE = 02/11/2026

DESIGNED - MJV | REVISED -
DRAWN - AMK | REVISED -
CHECKED - KLB | REVISED -
DATE - 02/11/2026 | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTIES
16TH STREET - BERWYN, IL

SCALE: NONE | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	21

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

SCHEDULE OF SEWER REPAIR

PIPE NUMBER	UPSTREAM STRUCTURE NUMBER	DOWNSTEAM STRUCTURE NUMBER	UTILITY TYPE	LENGTH (FOOT)	ELEVATIONS			20800150	44201811	44201815	44201819	44201821	X4420815	X4421407	X5430208	X5430212	X5430215	XX007655	Z0056603	Z0056604	Z0056608	Z0056610
					UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	TRENCH BACKFILL	CLASS D PATCHES, TYPE I, 14 INCH	CLASS D PATCHES, TYPE II, 14 INCH	CLASS D PATCHES, TYPE III, 14 INCH	CLASS D PATCHES, TYPE IV, 14 INCH	CLASS D PATCHES, TYPE II, 14 INCH (SPECIAL)	CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)	CURED-IN-PLACE PIPE LINER, 8"	CURED-IN-PLACE PIPE LINER, 12"	CURED-IN-PLACE PIPE LINER, 15"	STORM SEWER BACKFLOW PREVENTER	STORM SEWER (WATER MAIN REQUIREMENTS) 6 INCH	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH
								CU YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	EACH	FOOT	FOOT	FOOT	FOOT
4AA	2427	2429	STORMWATER	16	613.03	612.53	3.13%	6.1		8.1										16		
4AB	2433	2429	COMBINED	175	611.67	612.53	-0.49%									175						
4AC	2433	2550.1	COMBINED	171	611.67	610.92	0.44%									171						
4AD	2145	2142	COMBINED	8	MATCH EX	MATCH EX	MATCH EX	12.6					5.8								8	
4AE	2145	2142	COMBINED	212	609.49	MATCH EX	MATCH EX									212						
5A	2550	2550.1	STORMWATER	8	612.46	611.69	9.62%	3.9		6.0										8		
5B	2550.1	2549	COMBINED	9	610.92	MATCH EX	MATCH EX	8.7				42.3									9	
5C	2553	MAINLINE	STORMWATER	34	610.32	BLIND MATCH	MATCH EX								34							
5D	2554.1	MAINLINE	STORMWATER	39	611.39	BLIND MATCH	MATCH EX								39							
5E	2554	2554.1	STORMWATER	5	614.19	611.39	56.00%	1.4												5		
5F	2551.2	2550.1	COMBINED	74	610.99	610.92	0.09%	58.1													74	
5G	2555	2550.1	COMBINED	9	611.32	611.28	0.42%	9.3					6.7								9	
5G	2555	2550.1	COMBINED	132	611.47	610.92	0.42%									132						
5H	5-1	2663.1	STORMWATER	16	613.53	613.37	1.00%	3.8	0.7												16	
5I	5-4	2663.1	STORMWATER	12	613.56	613.44	1.00%	3		14.0											12	
5J	5-2	5-3	STORMWATER	16	613.52	613.36	1.00%	4	3.2									1			16	
5K	2663.2	MAINLINE	STORMWATER	8	MATCH EX	MATCH EX	MATCH EX	3.5		5.7										8		
5L	5-5	2663.1	STORMWATER	28	613.84	613.56	1.00%	6													28	
5M	2661.3	2661	COMBINED	16	610.51	610.48	0.21%	17.6		8.7											16	
5M	2661.3	2661	COMBINED	68	610.62	610.48	0.21%									68						
5N	2661.3	2662	COMBINED	106	610.62	610.12	0.47%									106						
5O	2662	2859	COMBINED	169	610.12	610.28	-0.09%									169						
5P	5-6	2857.1	STORMWATER	20	613.28	613.08	1.00%	3.9	4.0									1			20	
5Q	5-7	2860.1	STORMWATER	20	613.36	613.16	1.00%	3.9		10.7								1			20	
5R	2860.1	MAINLINE	STORMWATER	8	610.41	MATCH EX	MATCH EX	7.0												8		
5S	2859	2856	COMBINED	139	610.28	MATCH EX	MATCH EX									139						
5S	2859	2856	COMBINED	8	610.28	MATCH EX	MATCH EX	8.7													8	
5T	2858	2859	STORMWATER	20	610.77	610.28	2.45%	13.7			17.2									20		
5U	1603	2859	COMBINED	17	609.85	609.87	-0.37%	19.9					10.6								17	
5W	1603	2859	COMBINED	8	609.93	609.96	-0.37%	11.8					6.3								8	
5X	1603	2859	COMBINED	8	610.16	610.19	-0.37%	10.7		6.3											8	
5Y	1603	2859	COMBINED	8	610.25	610.28	-0.37%	8.7		5.1											8	
5Z	2861.1	MAINLINE	STORMWATER	8	610.99	MATCH EX	MATCH EX	7	3.1											8		
5AA	2861.1	MAINLINE	STORMWATER	8	MATCH EX	MATCH EX	MATCH EX	8.7		5.6										8		
5AB	5-9	5-8	STORMWATER	10	613.42	613.32	1.00%	2.4	2.0												10	
5AC	5-9	2861	STORMWATER	18	613.54	613.36	1.00%	4.1	1.0												18	
5AD	2859.2	2859	COMBINED	154	609.66	610.28	-0.40%									154						
5AE	2942.3	2859.2	COMBINED	8	609.67	609.67	0.03%	11.8		6.3											8	
5AF	2945	2945.1	STORMWATER	8	613.73	610.72	37.62%	2		7.9										8		
5AG	2945.1	2947	STORMWATER	8	610.72	608.55	27.13%	7.0												8		
5AH	2945.1	2947	STORMWATER	8	605.02	602.84	27.25%	18.8		5.7										8		
5AI	2551.2	2661	COMBINED	8	610.97	610.94	0.37%	10.1		6.3											8	
5AJ	2551.2	2661	COMBINED	8	610.92	610.89	0.37%	10.1		6.3											8	
6A	6-1	2947	STORMWATER	25	613.51	613.26	1.00%	4.6		12.4											25	
6B	6-2	4664	STORMWATER	17	612.58	612.41	1.00%	3.5	4.5												17	
6C	6-3	4668	STORMWATER	18	612.71	612.53	1.00%	4.1													18	
6D	4664	4664.1	STORMWATER	8	609.72	609.74	-0.29%	7.6												8		
6D	4664	4664.1	STORMWATER	35	609.72	609.82	-0.29%								35							
6E	4665	4663	STORMWATER	8	610.89	609.52	17.13%	8.1		5.7				23.7						8		
6F	4668	4669	STORMWATER	8	608.87	609.40	-6.62%	10.2												8		
6G	4663	4662	COMBINED	65	608.15	MATCH EX	MATCH EX	66.5		8.8											65	
6H	6-4	6-8	STORMWATER	17	611.89	611.44	2.65%	3.5	3.2									1			17	
6I	6-8	4775	STORMWATER	34	611.44	608.85	7.62%	10.8												34		
6J	6-5	4782	STORMWATER	12	612.05	611.93	1.00%	2.7										1			12	
6K	4782	4783	STORMWATER	8	609.46	609.53	-1.55%	9.1												8		
6L	4782	4783	STORMWATER	8	609.70	609.80	-1.55%	4.4												8		
6M	BLOCKAGE	4781	STORMWATER	8	MATCH EX	MATCH EX	MATCH EX	13		5.7										8		
6N	BLOCKAGE	4781	STORMWATER	8	MATCH EX	MATCH EX	MATCH EX	13.8		5.7										8		
6O	4776	4779	STORMWATER	24	609.17	610.95	-7.42%	15											24			
6P	4784.1	4782	STORMWATER	8	607.26	607.57	-3.88%	10.7												8		
6Q	4784.1	4782	STORMWATER	8	607.81	608.12	-3.88%	11.5												8		
6R	6-6	4779	STORMWATER	12	612.23	612.11	1.00%	2.2	4.8									1			12	
6S	6-7	4784.1	STORMWATER	11	612.19	612.08	1.00%	2.1	2.9									1			11	
6T	5053	4935	COMBINED	8	603.26	603.25	0.12%	38.8														8
6U	6-9	4935	STORMWATER	46	608.15	607.69	1.00%	45.3			18.1										46	
7A	5049	5053	COMBINED	217	MATCH EX MH	603.63	MATCH EX									217						
							SUBTOTAL FOR STORM SEWER ITEMS:	561.6	52.7	157.2	35.3	27.1	0.0	23.7	134	16	0	10	24	445	536	0
							SUBTOTAL COMBINED SEWER ITEMS:	712.3	7.1	164.4	19.0	42.3	64.9	0.0	44	3227	160	0	0	92	438	64
							TOTAL:	1273.9	59.8	321.6	54.3	69.4	64.9	23.7	178	3243	160	10	24	537	974	64

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Default
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_Schedules-sht.dgn

USER NAME = mvasak	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 1.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTIES
16TH STREET - BERWYN, IL

SCALE: NONE | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	22

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

DRAINAGE STRUCTURE SCHEDULE										
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS			
							OUT FLOW	IN FLOW		
1-1	INL TY A, 2' DIA. TY 8 G		7+58.38	18.6	LT	618.42	607.55 NW			
3-1	INL TY A, 2' DIA. TY 1 F/OL ADA		25+05.40	26.0	LT	617.95	614.95 W			
4-1	INL TY A, 2' DIA. TY 11 F/G		34+36.68	20.5	LT	616.58	613.58 E			
4-2	INL TY A, 2' DIA. TY 11 F/G		34+54.41	20.0	RT	616.48	613.48 E			
4-3	MH TY A, 4' DIA. TY 1 F/OL ADA	Y	34+79.47	14.0	RT	616.91	612.04 SW	613.61 SE		
4-4	INL TY A, 2' DIA. TY 1 F/OL		34+91.49	25.1	RT	616.77	613.77 NW			
4-5	INL TY A, 2' DIA. TY 1 F/OL		35+23.00	25.0	RT	616.87	611.33 E			
4-6	INL TY A, 2' DIA. TY 11 F/G		35+48.59	13.0	LT	617.09	613.39 N			
4-7	MH TY A, 4' DIA. TY 1 F/CL	Y	35+52.98	19.7	LT	617.18	613.31 N	613.31 S	613.31 E	
4-8	INL TY A, 2' DIA. TY 1 F/OL		35+61.69	20.2	LT	616.58	613.40 W			
4-9	INL TY A, 2' DIA. TY 11 F/G		35+67.79	20.1	RT	616.65	613.65 W			
4-10	INL TY A, 2' DIA. TY 1 F/OL		38+21.14	24.6	RT	616.89	611.40 W			
5-1	INL TY A, 2' DIA. TY 11 F/G		47+79.63	19.7	RT	616.53	613.53 E			
5-2	INL TY A, 2' DIA. TY 11 F/G		47+80.71	20.4	LT	616.52	613.52 E			
5-3	MH TY A, 4' DIA. TY 8 G		47+96.61	20.3	LT	617.39	610.86 S	613.36 W		
5-4	MH TY A, 4' DIA. TY 11 F/G	Y	48+00.00	13.0	RT	616.90	613.56 S	613.56 E		
5-5	INL TY A, 2' DIA. TY 1 F/OL ADA		48+24.95	26.5	RT	616.84	613.84 W			
5-6	INL TY A, 2' DIA. TY 11 F/G		51+14.70	20.5	LT	616.28	613.28 E			
5-7	INL TY A, 2' DIA. TY 11 F/G		51+15.00	19.5	RT	616.36	613.36 E			
5-8	MH TY A, 4' DIA. TY 8 G		52+16.33	20.7	LT	617.24	610.78 S	613.32 E		
5-9	INL TY A, 2' DIA. TY 11 F/G		52+26.73	20.3	LT	616.42	613.42 E			
5-10	INL TY A, 2' DIA. TY 11 F/G		52+30.02	19.8	RT	616.54	613.54 W			
6-1	INL TY A, 2' DIA. TY 1 F/OL ADA		55+30.49	30.0	RT	616.51	613.51 W			
6-2	INL TY A, 2' DIA. TY 11 F/G		57+85.00	20.4	LT	615.58	612.58 E			
6-3	INL TY A, 2' DIA. TY 11 F/G		57+85.00	19.6	RT	615.71	612.71 E			
6-4	INL TY A, 2' DIA. TY 11 F/G		61+22.00	20.6	LT	614.89	611.89 E			
6-5	INL TY A, 2' DIA. TY 11 F/G		61+22.00	19.5	RT	615.05	612.05 E			
6-6	INL TY A, 2' DIA. TY 11 F/G		62+30.00	20.7	LT	615.23	612.23 W			
6-7	INL TY A, 2' DIA. TY 11 F/G		62+30.04	19.3	RT	615.19	612.19 W			
6-8	INL TY B, 2' DIA. TY 8 G		61+38.66	20.8	LT	615.08	610.44 NE	610.44 W		
6-9	INL TY A, 2' DIA. TY 8 G		65+52.52	20.6	RT	615.97	609.00 NE			

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PLOT DATE = 02/11/2026

DESIGNED - MJV
DRAWN - AMK
CHECKED - KLB
DATE - 02/11/2026

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTIES
16TH STREET - BERWYN, IL

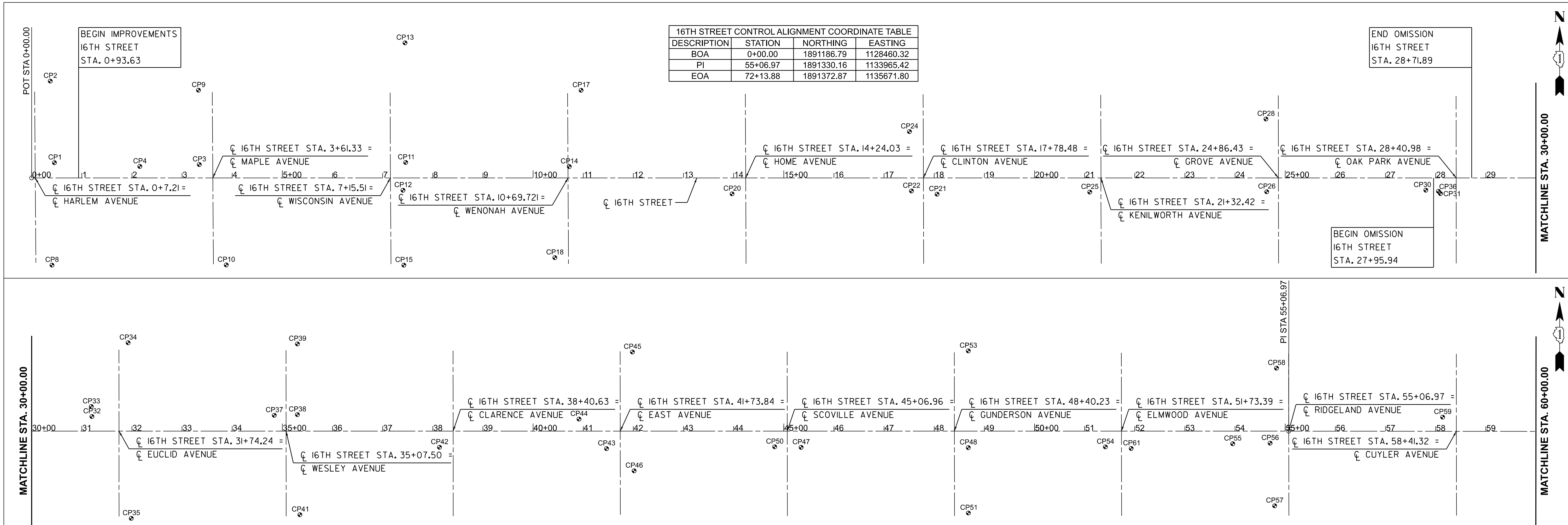
SCALE: NONE | SHEET 3 OF 3 SHEETS | STA. TO STA.

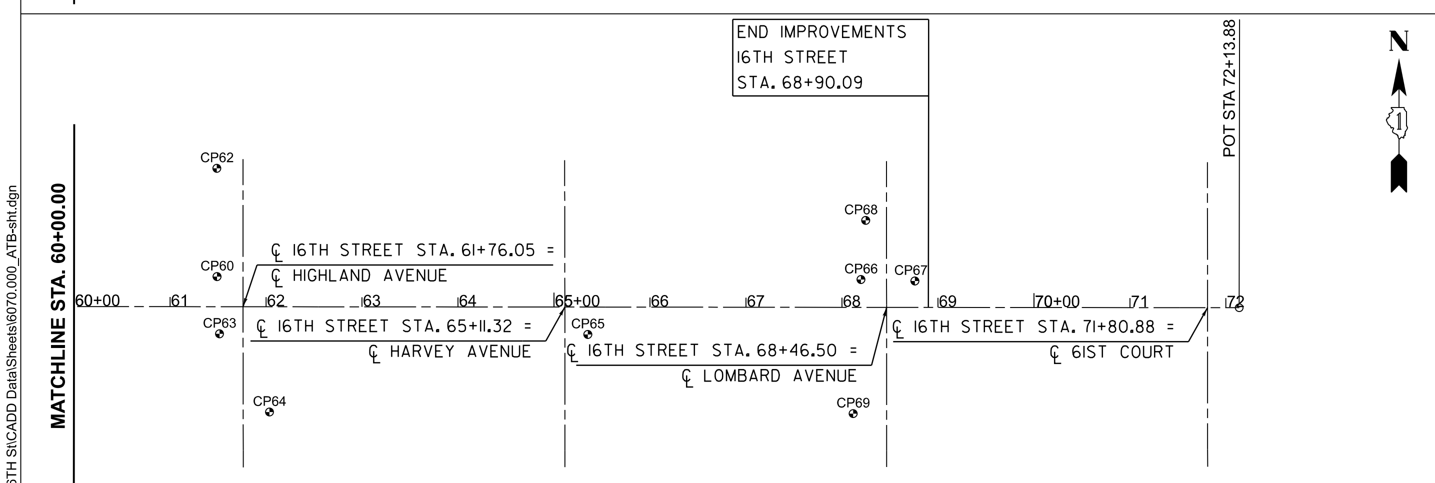
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	23

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

16TH STREET CONTROL ALIGNMENT COORDINATE TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
BOA	0+00.00	1891186.79	1128460.32
PI	55+06.97	1891330.16	1133965.42
EOA	72+13.88	1891372.87	1135671.80





16TH STREET CONTROL POINT COORDINATE TABLE					
DESCRIPTION	ELEVATION	STATION	OFFSET	NORTHING	EASTING
CP1	619.45	0+45.49	30.41' LT	1891218.37	1128504.99
CP2	619.94	0+37.17	193.13' LT	1891380.82	1128492.44
CP3	618.81	3+34.35	26.66' LT	1891222.15	1128793.86
CP4	618.94	2+15.75	22.86' LT	1891215.26	1128675.39
CP8	619.43	0+40.57	173.87' RT	1891014.04	1128505.40
CP9	618.81	3+32.71	174.92' LT	1891370.31	1128788.36
CP10	618.79	3+88.12	173.54' RT	1891023.41	1128852.82
CP11	618.52	7+45.93	30.82' LT	1891237.01	1129205.19
CP12	618.55	7+40.59	24.58' RT	1891181.50	1129201.29
CP13	618.56	7+44.60	269.33' LT	1891475.41	1129197.65
CP14	618.70	10+72.21	22.65' LT	1891237.35	1129531.57
CP15	618.70	7+42.30	173.96' RT	1891032.21	1129206.89
CP17	618.14	10+95.79	174.77' LT	1891390.03	1129551.18
CP18	618.26	10+43.44	158.97' RT	1891055.03	1129507.54
CP20	618.45	13+96.86	31.80' RT	1891191.37	1129857.53
CP21	617.94	18+05.73	32.43' RT	1891201.38	1130266.27
CP22	617.56	17+54.63	26.04' RT	1891206.44	1130215.03
CP24	617.94	17+50.58	92.38' LT	1891324.71	1130207.90
CP25	618.13	21+10.20	28.27' RT	1891213.46	1130570.54
CP26	618.42	24+63.12	27.59' RT	1891223.34	1130923.31
CP28	618.45	24+61.58	117.45' LT	1891368.28	1130918.00
CP30	618.34	27+80.38	24.45' RT	1891234.73	1131240.39
CP31	618.14	28+09.66	31.24' RT	1891228.70	1131269.84
CP32	617.66	31+20.16	29.16' LT	1891297.17	1131578.66
CP33	618.04	31+18.95	49.06' LT	1891317.03	1131576.93
CP34	617.58	31+92.37	176.35' LT	1891446.18	1131647.01
CP35	617.32	31+98.72	173.88' RT	1891096.24	1131662.47
CP36	626.19	28+05.57	26.64' RT	1891233.19	1131265.62
CP37	616.74	34+83.90	31.49' LT	1891308.97	1131942.21

16TH STREET CONTROL POINT COORDINATE TABLE					
DESCRIPTION	ELEVATION	STATION	OFFSET	NORTHING	EASTING
CP38	616.99	35+30.00	32.96' LT	1891311.64	1131988.26
CP39	617.51	35+30.11	173.90' LT	1891452.53	1131984.70
CP41	616.89	35+34.93	166.65' RT	1891112.23	1131998.38
CP42	617.43	38+13.34	32.19' RT	1891253.88	1132273.20
CP43	617.92	41+46.52	34.85' RT	1891259.90	1132606.34
CP44	617.70	40+91.61	24.05' LT	1891317.35	1132549.91
CP45	617.85	41+98.15	157.86' LT	1891453.89	1132652.94
CP46	617.74	42+01.50	79.12' RT	1891217.08	1132662.45
CP47	617.24	45+34.53	32.38' RT	1891272.48	1132994.16
CP48	617.27	48+67.97	32.90' RT	1891280.63	1133327.49
CP50	617.39	44+81.87	31.18' RT	1891272.30	1132941.48
CP51	617.02	48+68.07	163.25' RT	1891150.33	1133330.98
CP53	617.26	48+68.01	160.03' LT	1891473.50	1133322.51
CP54	617.11	51+41.38	31.43' RT	1891289.22	1133600.77
CP55	616.93	53+95.27	25.15' RT	1891302.11	1133854.41
CP56	616.92	54+69.85	23.95' RT	1891305.25	1133928.93
CP57	616.70	54+78.89	148.91' RT	1891180.57	1133941.23
CP58	617.02	54+82.62	125.63' LT	1891455.11	1133937.81
CP59	615.90	58+13.90	28.20' LT	1891366.03	1134271.55
CP60	615.39	61+48.97	31.37' LT	1891377.58	1134606.43
CP61	625.58	51+92.80	34.52' RT	1891287.47	1133652.25
CP62	615.82	61+48.59	144.18' LT	1891490.35	1134603.22
CP63	615.53	61+51.57	28.27' RT	1891318.03	1134610.52
CP64	615.68	62+03.71	109.67' RT	1891237.96	1134664.69
CP65	616.36	65+35.25	28.52' RT	1891327.38	1134994.09
CP66	611.97	68+19.78	29.00' LT	1891392.01	1135277.09
CP67	612.08	68+75.94	27.54' LT	1891391.95	1135333.27
CP68	612.22	68+24.65	90.60' LT	1891453.70	1135280.42
CP69	611.74	68+11.77	110.71' RT	1891252.13	1135272.58

CONTROL DISCLAIMER

PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL CONTROL POINTS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIE FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE SURVEYOR PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONTROL POINTS AND/OR BENCHMARKS.

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BENCHMARK:
ELEVATIONS SHOWN HEREON ARE OBTAINED VIA GPS USING TRIMBLE VRS® NOW™ (NO PUBLISHED MONUMENT VERIFIED)
DATUM: NAVD88

GEWALT HAMILTON ASSOCIATES, INC.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
16TH STREET - BERWYN, IL

SCALE: 1"=100' | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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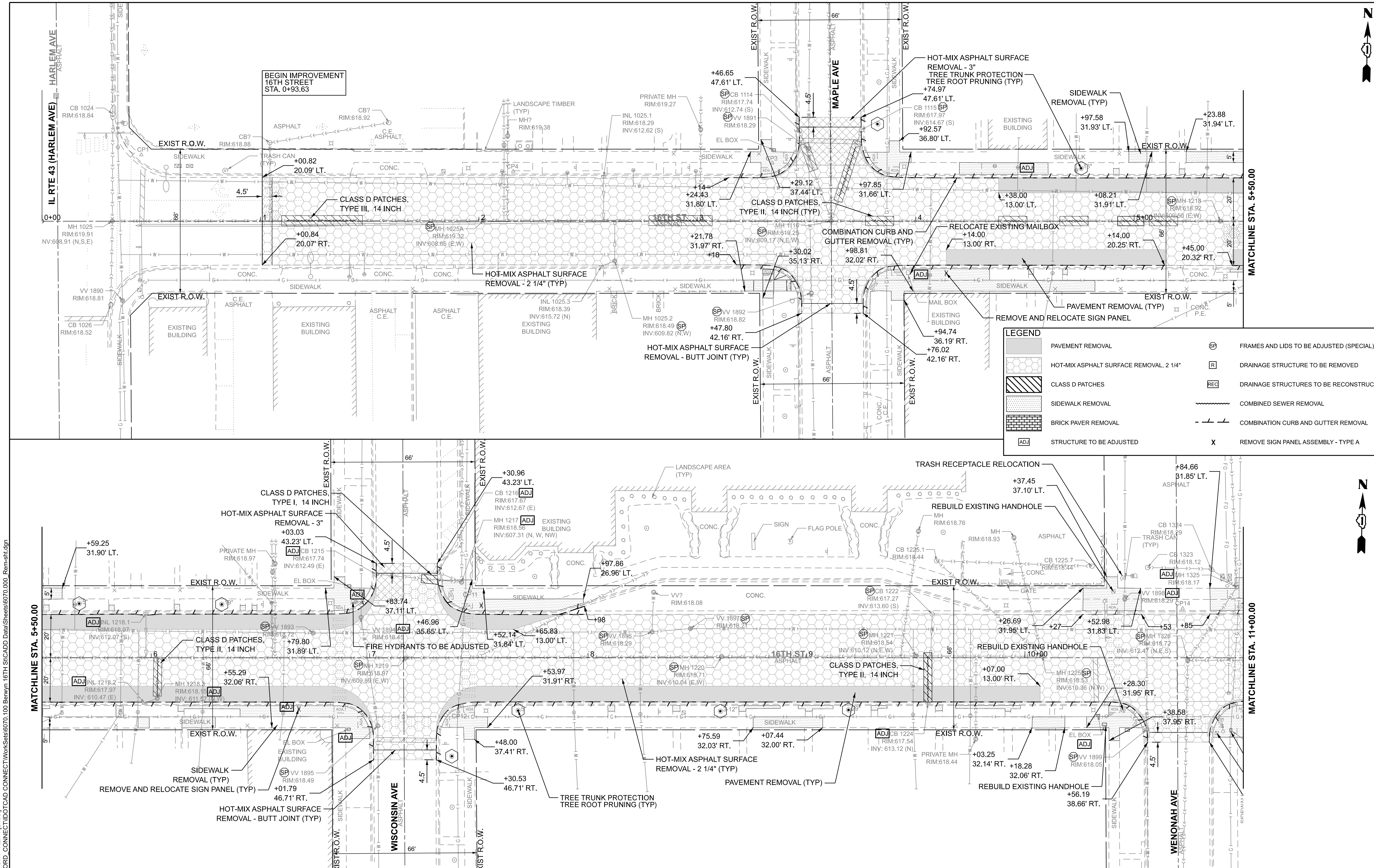
CONTRACT NO. 61L54				
	ILLINOIS	FED. AID PROJECT		



GHA GEWALT HAMILTON ASSOCIATES, INC.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS / REMOVAL PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 0+00.00 TO STA. 11+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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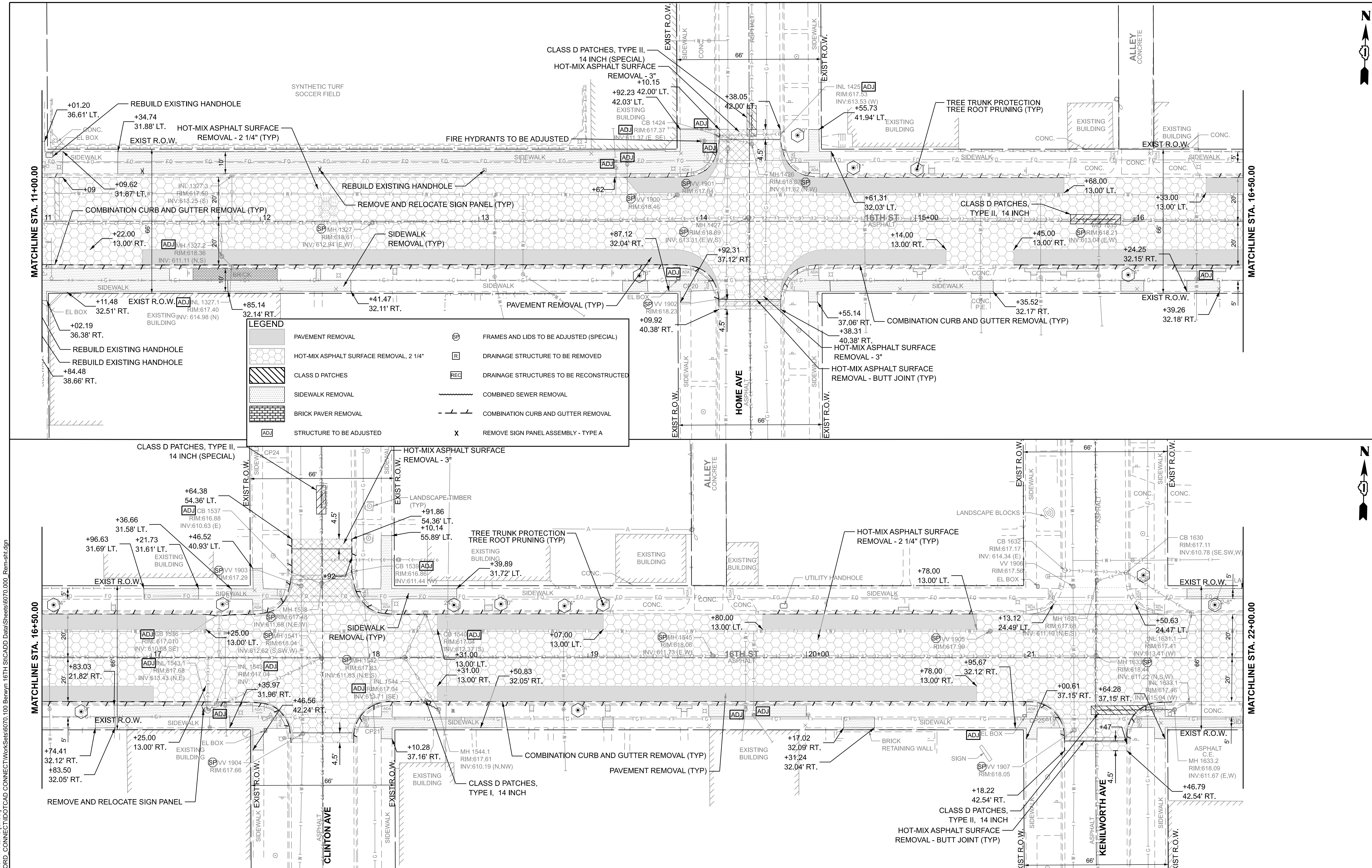

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS / REMOVAL PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 11+00.00 TO STA. 22+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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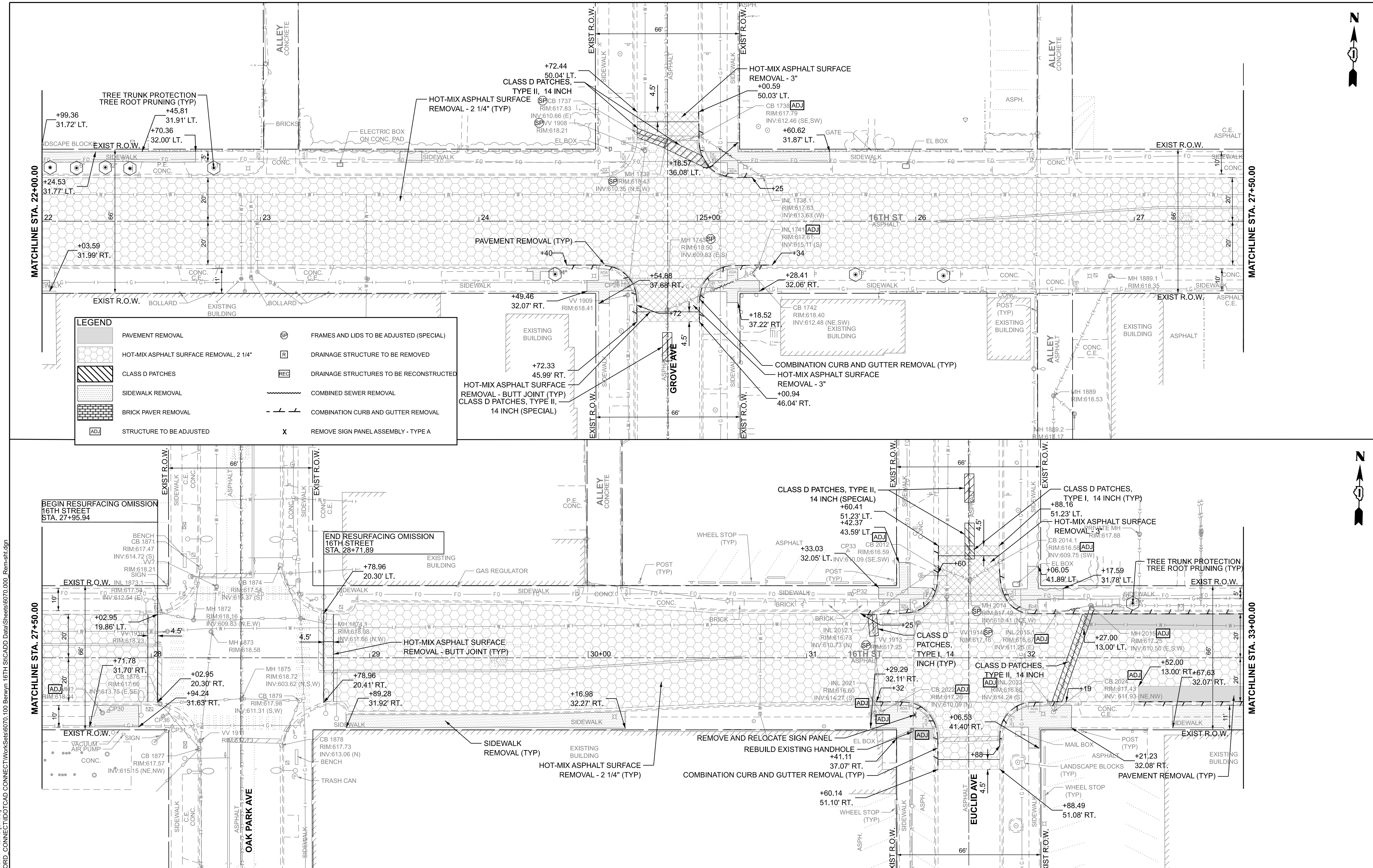
		ILLINOIS	FED. AID PROJECT	



GHA GEWALT HAMILTON ASSOCIATES, INC.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS / REMOVAL PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 3 OF 7 SHEETS | STA. 22+00.00 TO STA. 33+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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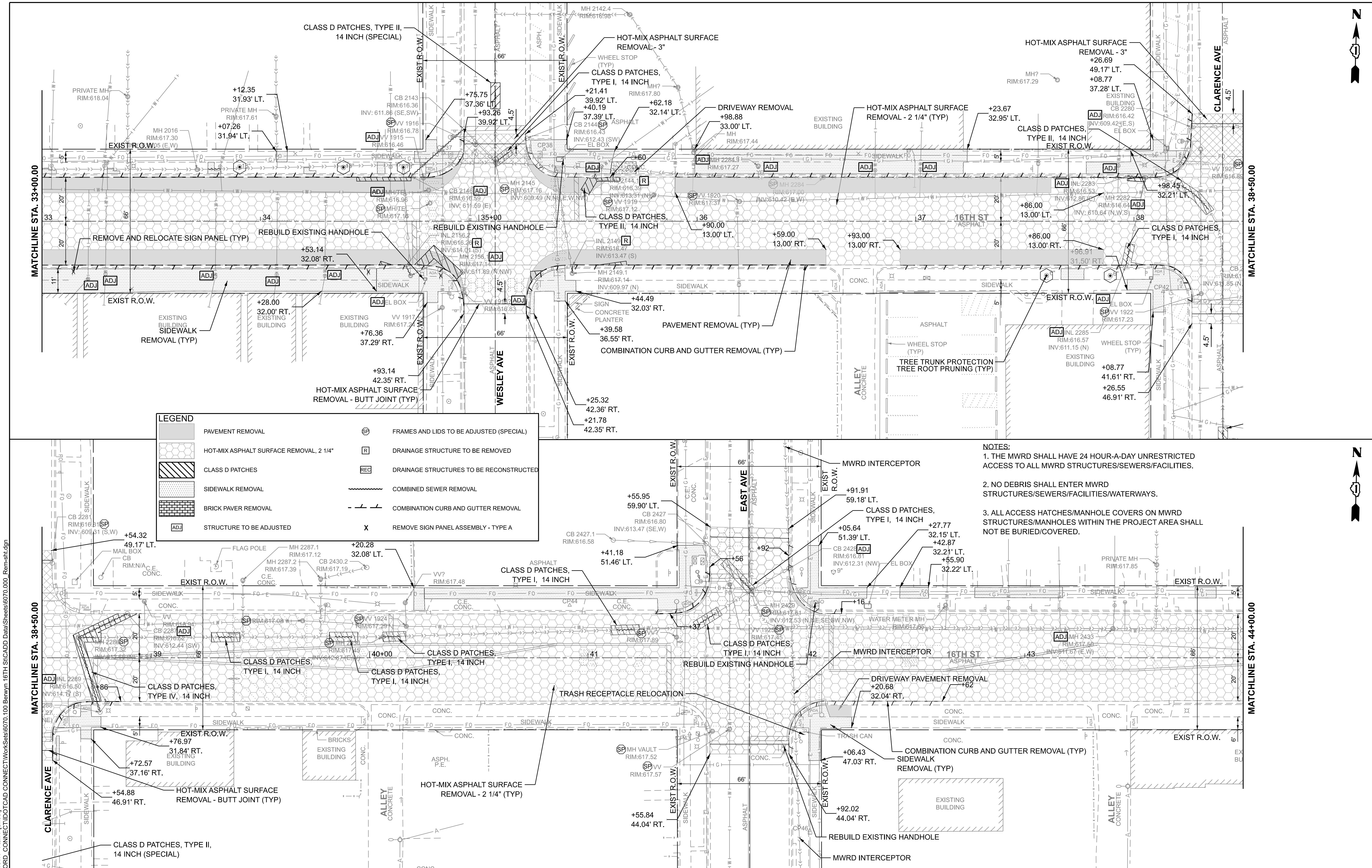
		ILLINOIS FED. AID PROJECT		



LEGEND

	PAVEMENT REMOVAL	SP	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	R	DRAINAGE STRUCTURE TO BE REMOVED
	CLASS D PATCHES	REC	DRAINAGE STRUCTURES TO BE RECONSTRUCTED
	SIDEWALK REMOVAL		COMBINED SEWER REMOVAL
	BRICK PAVER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL
ADJ	STRUCTURE TO BE ADJUSTED	X	REMOVE SIGN PANEL ASSEMBLY - TYPE A

NOTES:

1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.

2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.

3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

GEWALT HAMILTON ASSOCIATES, INC.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS / REMOVAL PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 4 OF 7 SHEETS | STA. 33+00.00 TO STA. 44+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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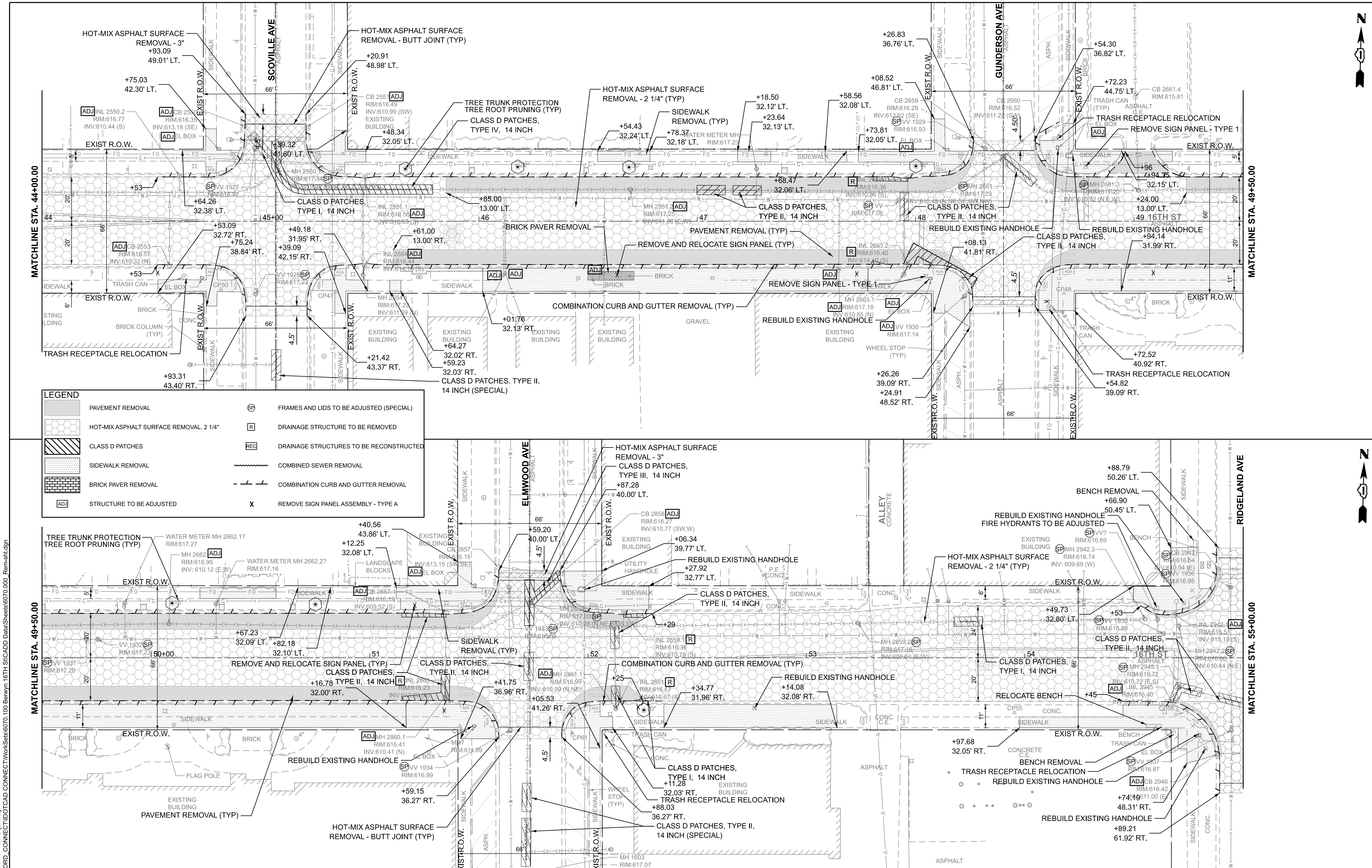
		ILLINOIS	FED. AID PROJECT	



LEGEND

	PAVEMENT REMOVAL	SP	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	R	DRAINAGE STRUCTURE TO BE REMOVED
	CLASS D PATCHES	REC	DRAINAGE STRUCTURES TO BE RECONSTRUCTED
	SIDEWALK REMOVAL		COMBINED SEWER REMOVAL
	BRICK PAVER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL
ADJ	STRUCTURE TO BE ADJUSTED	X	REMOVE SIGN PANEL ASSEMBLY - TYPE A

GEWALT HAMILTON ASSOCIATES, INC.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS / REMOVAL PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 5 OF 7 SHEETS | STA. 44+00.00 TO STA. 55+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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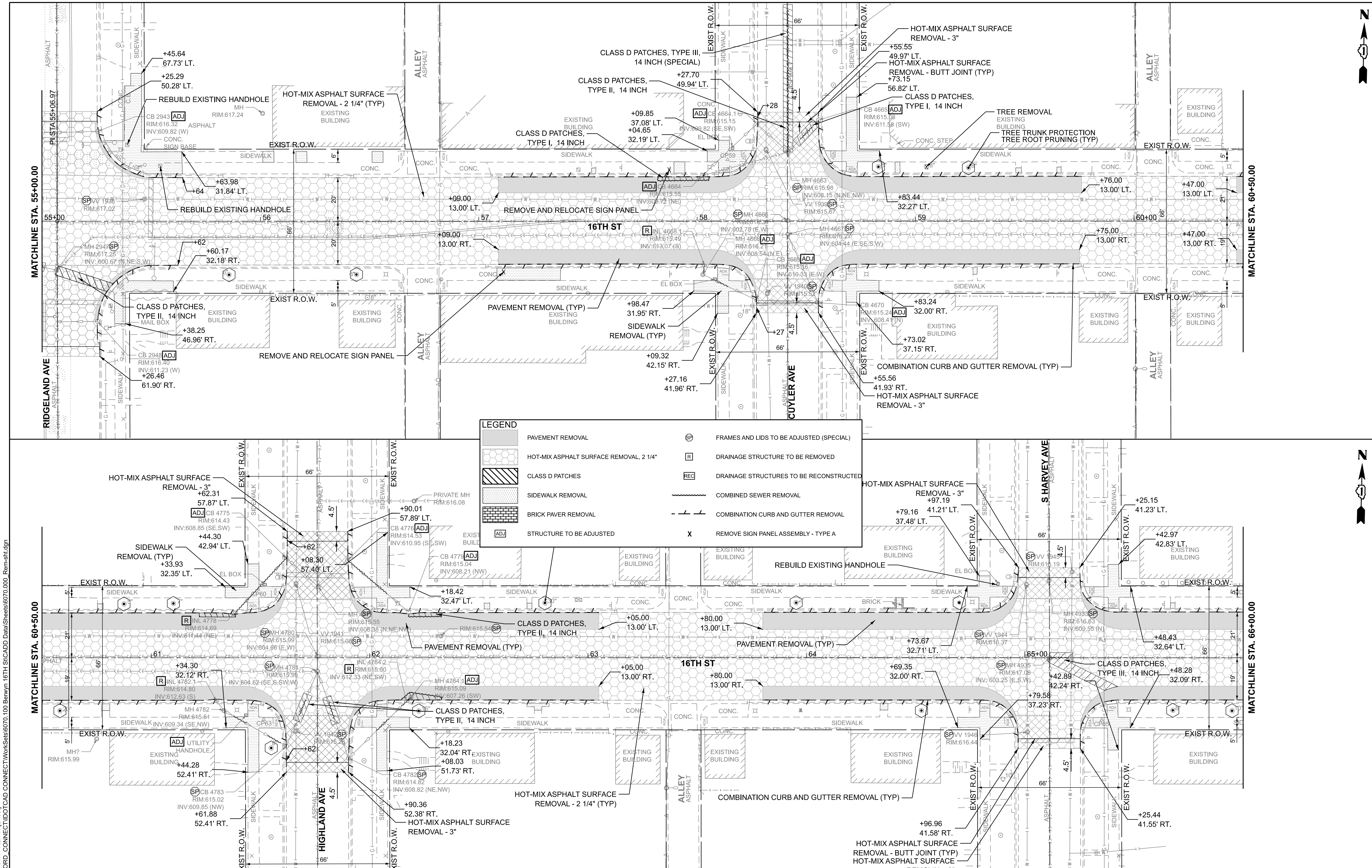
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



LEGEND

	PAVEMENT REMOVAL	SP	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	R	DRAINAGE STRUCTURE TO BE REMOVED
	CLASS D PATCHES	REC	DRAINAGE STRUCTURES TO BE RECONSTRUCTED
	SIDEWALK REMOVAL		COMBINED SEWER REMOVAL
	BRICK PAVER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL
ADJ	STRUCTURE TO BE ADJUSTED	X	REMOVE SIGN PANEL ASSEMBLY - TYPE A

GHA GEWALT HAMILTON ASSOCIATES, INC.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS / REMOVAL PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 6 OF 7 SHEETS | STA. 55+00.00 TO STA. 66+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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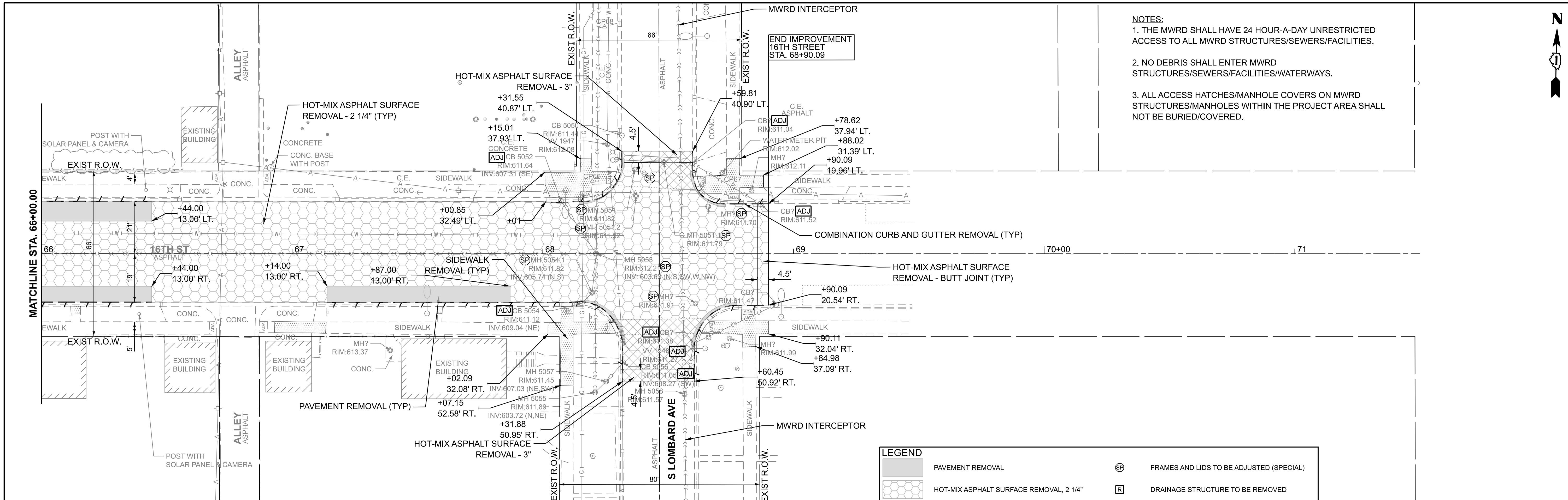
CONTRACT NO. 61L54				
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

LEGEND

	PAVEMENT REMOVAL	SP	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	R	DRAINAGE STRUCTURE TO BE REMOVED
	CLASS D PATCHES	REC	DRAINAGE STRUCTURES TO BE RECONSTRUCTED
	SIDEWALK REMOVAL		COMBINED SEWER REMOVAL
	BRICK PAVER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL
ADJ	STRUCTURE TO BE ADJUSTED	X	REMOVE SIGN PANEL ASSEMBLY - TYPE A

GEWALT HAMILTON ASSOCIATES, INC.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

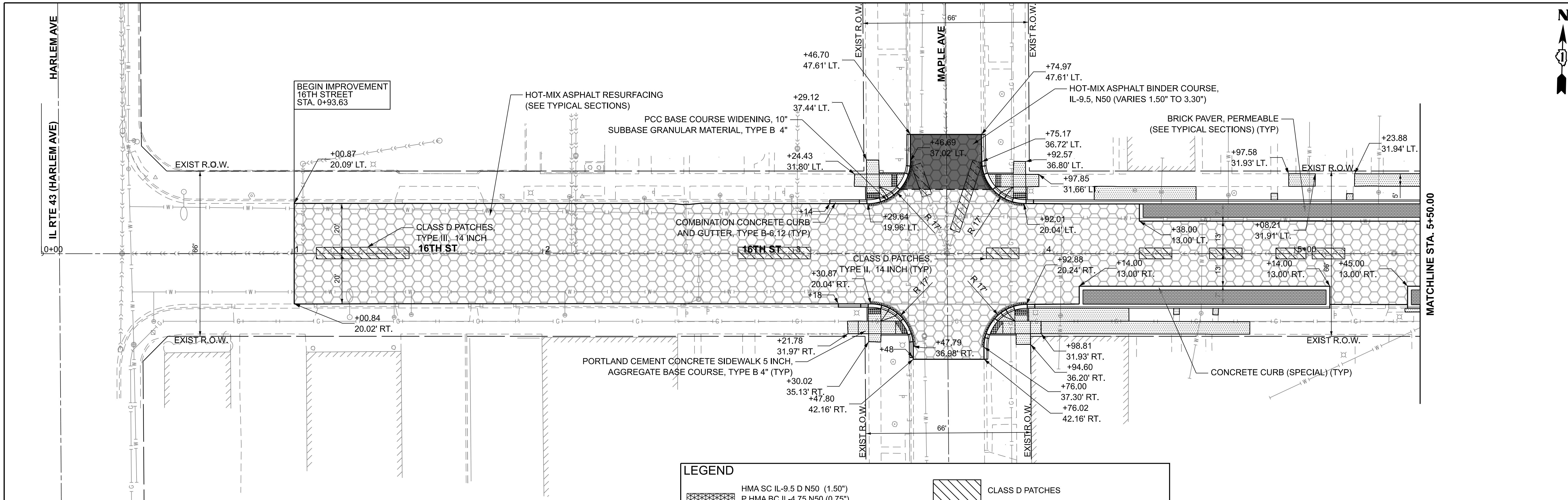
EXISTING CONDITIONS / REMOVAL PLANS
16TH STREET - BERWYN, IL

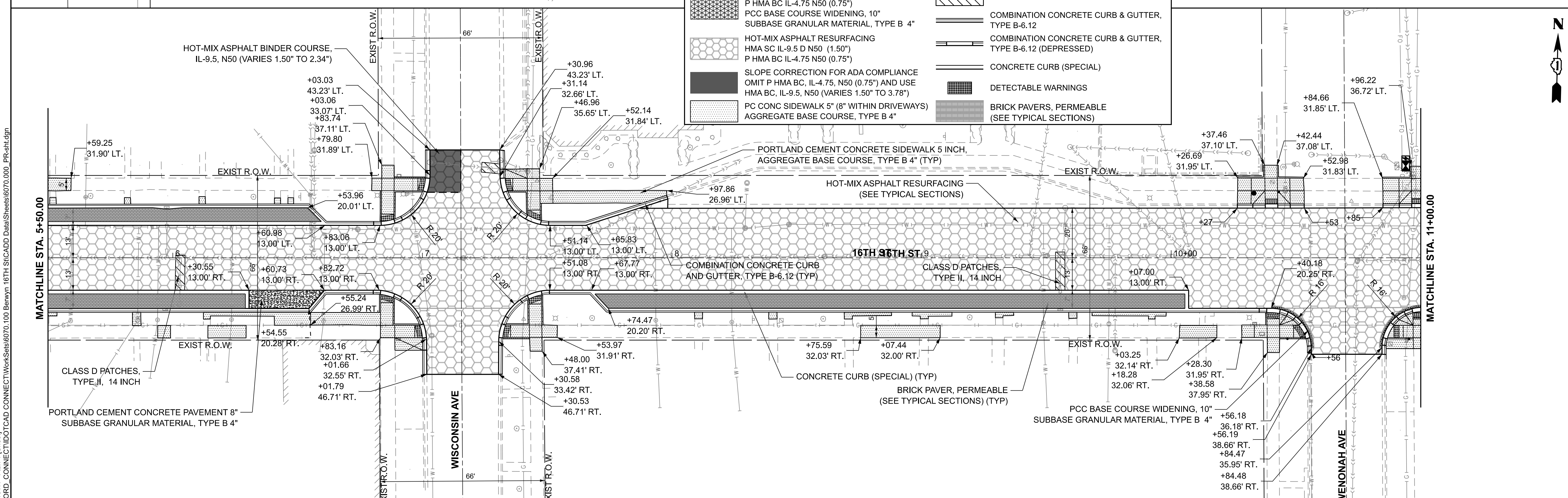
SCALE: 1"=20' | SHEET 7 OF 7 SHEETS | STA. 66+00.00 TO STA. 71+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	31

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT





LEGEND

HMA SC IL-9.5 D N50 (1.50") P HMA BC IL-4.75 N50 (0.75") PCC BASE COURSE WIDENING, 10" SUBBASE GRANULAR MATERIAL, TYPE B 4"	CLASS D PATCHES
HOT-MIX ASPHALT RESURFACING HMA SC IL-9.5 D N50 (1.50") P HMA BC IL-4.75 N50 (0.75")	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
SLOPE CORRECTION FOR ADA COMPLIANCE OMIT P HMA BC, IL-4.75, N50 (0.75") AND USE HMA BC, IL-9.5, N50 (VARIES 1.50" TO 3.78")	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (DEPRESSED)
PC CONC SIDEWALK 5" (8" WITHIN DRIVEWAYS) AGGREGATE BASE COURSE, TYPE B 4"	CONCRETE CURB (SPECIAL)
	DETECTABLE WARNINGS
	BRICK PAVERS, PERMEABLE (SEE TYPICAL SECTIONS)

GHA GEWALT HAMILTON ASSOCIATES, INC.

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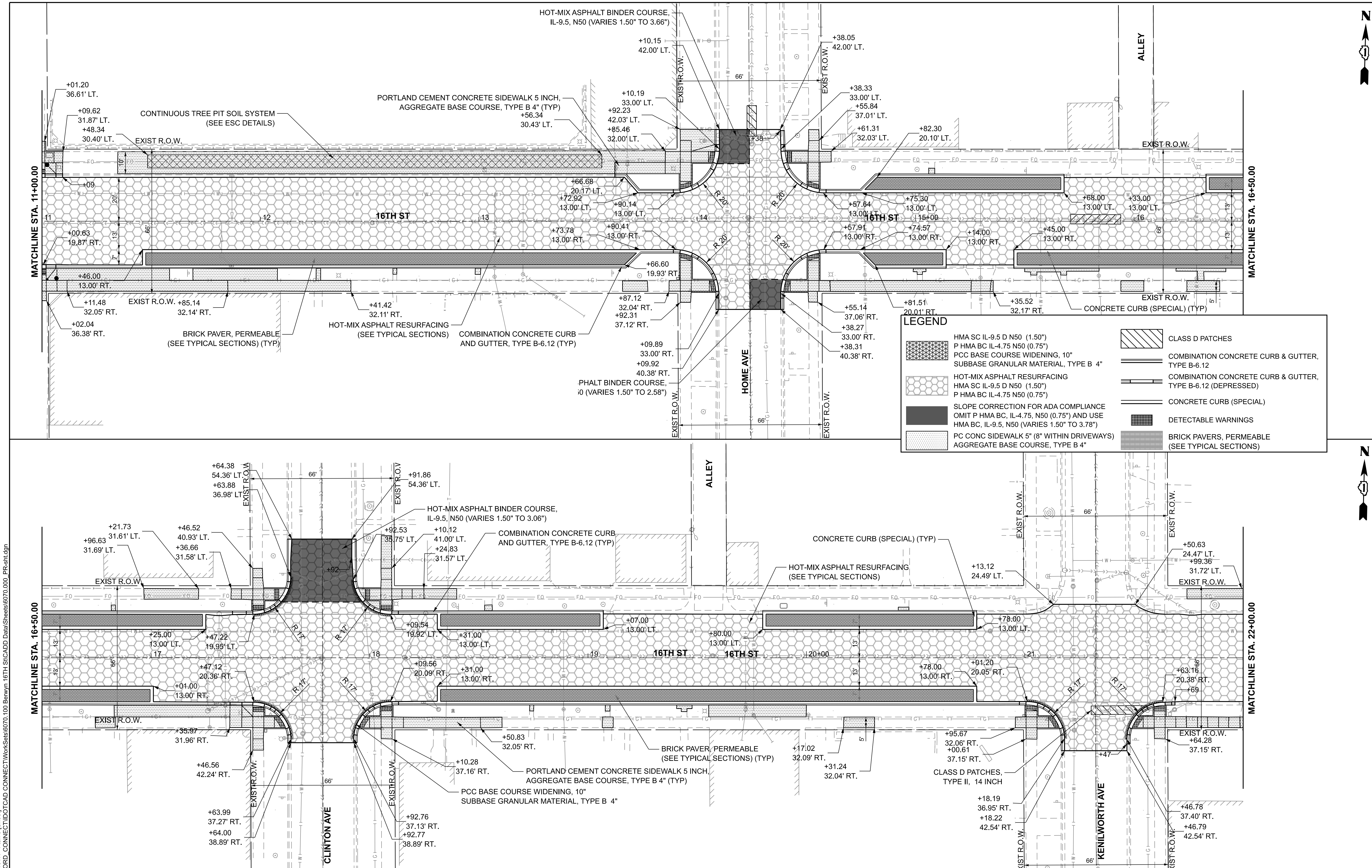
	DRAWN - AMK	REVISED -
PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 0+00.00 TO STA. 11+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	32
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



GHA GEWALT HAMILTON ASSOCIATES, INC.

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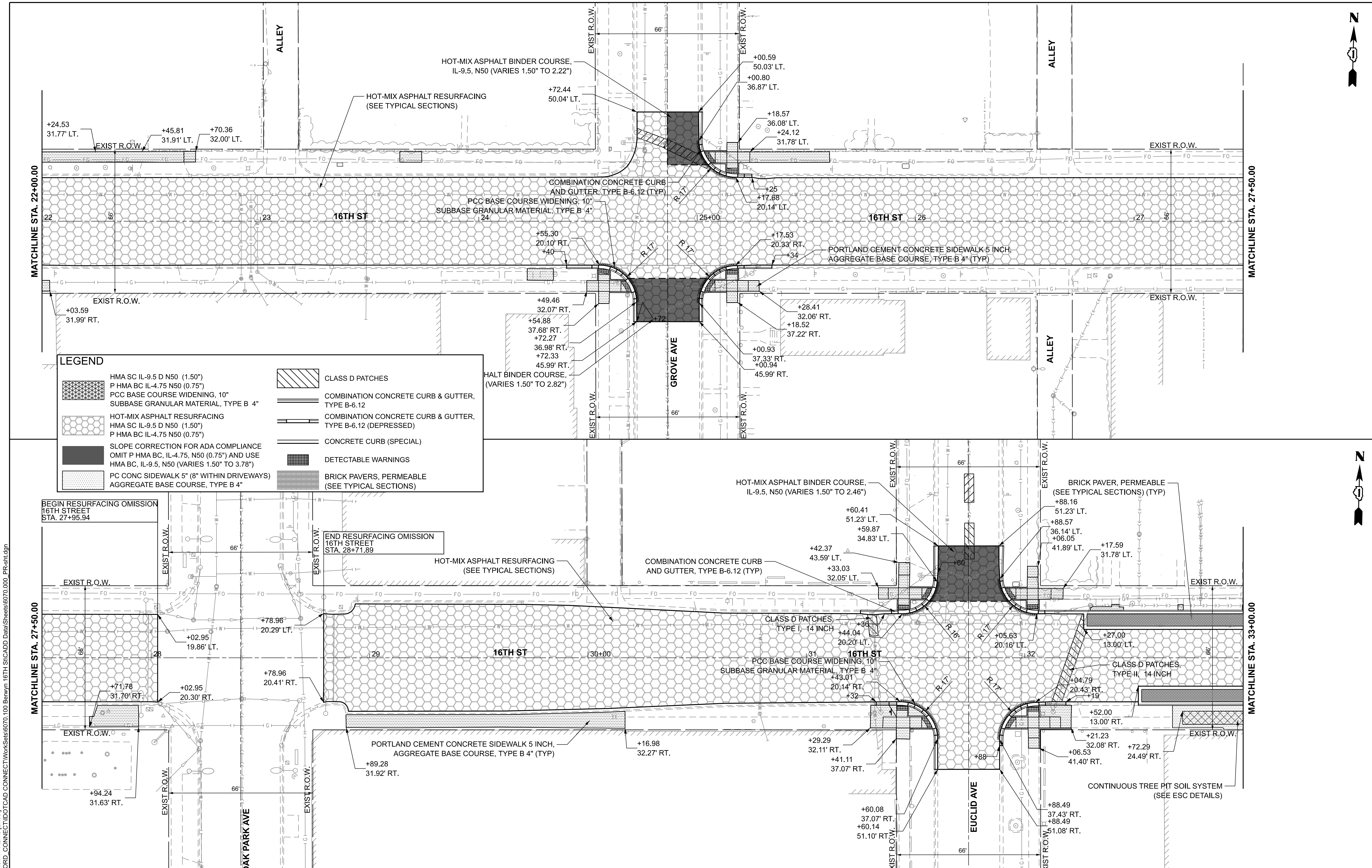
PLOT SCALE = 0.08333317 ' / in.		CHECKED - KLB		REVISED -	
PLOT DATE = 02/11/2026		DATE - 02/11/2026		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 2 OF 7 SHEETS | STA. 11+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	33
	CONTRACT NO. 61L54			
	ILLINOIS FED. AID PROJECT			



GEWALT HAMILTON ASSOCIATES, INC.

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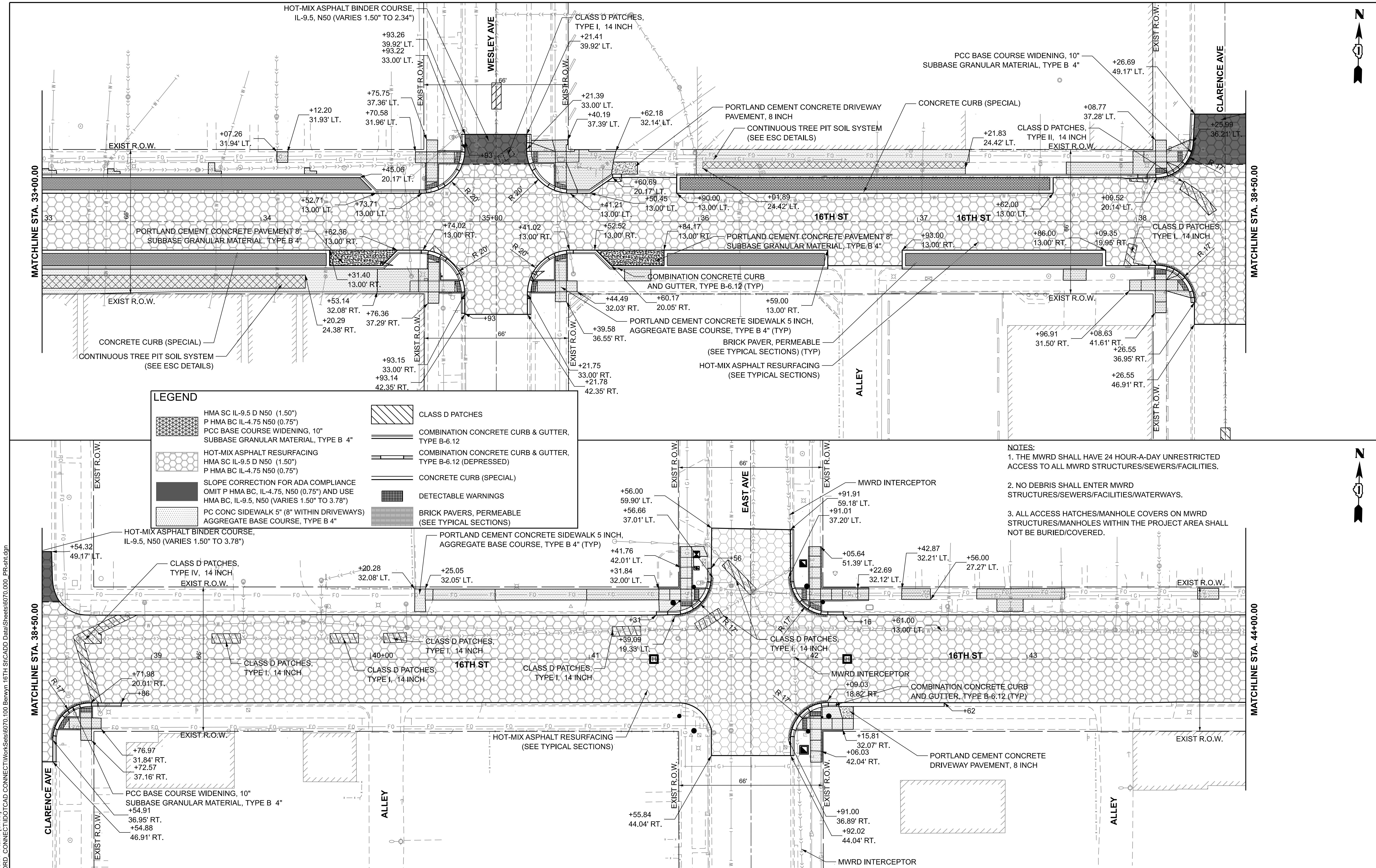
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 3 OF 7 SHEETS | STA. 22+00.00 TO STA. 33+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	34
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		



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GHA GEWALT HAMILTON ASSOCIATES, INC.

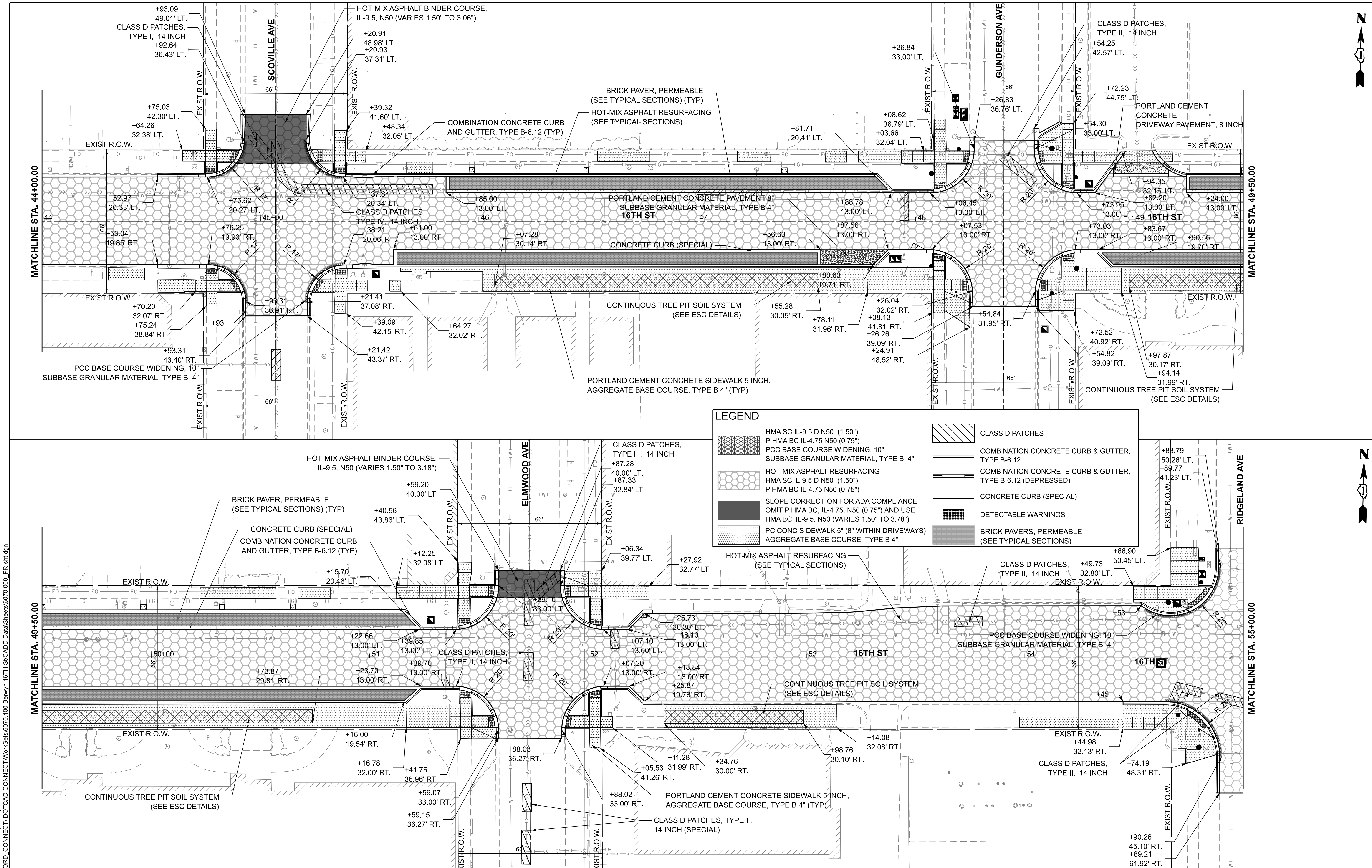
USER NAME = akopel	DESIGNED - MJV	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 4 OF 7 SHEETS | STA. 33+00.00 TO STA. 44+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	35
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



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GHA GEWALT HAMILTON ASSOCIATES, INC.

USER NAME = mvasak	DESIGNED - MJV	REVISED -			
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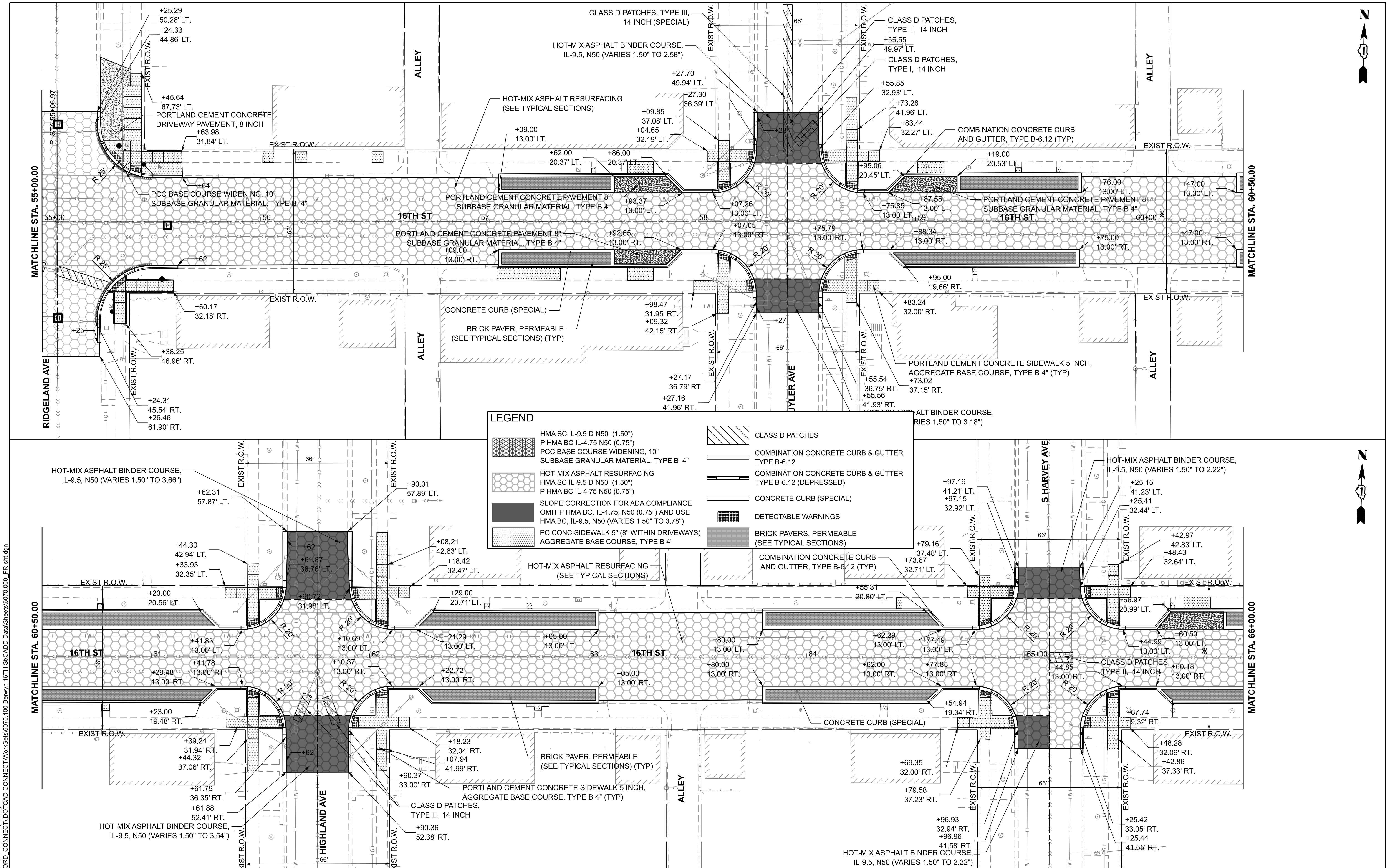
PLOT SCALE = 0.0833317 ' / in.	CHECKED - KLB	REVISED -			
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 5 OF 7 SHEETS | STA. 44+00.00 TO STA. 55+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	36
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		



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GEWALT HAMILTON ASSOCIATES, INC.

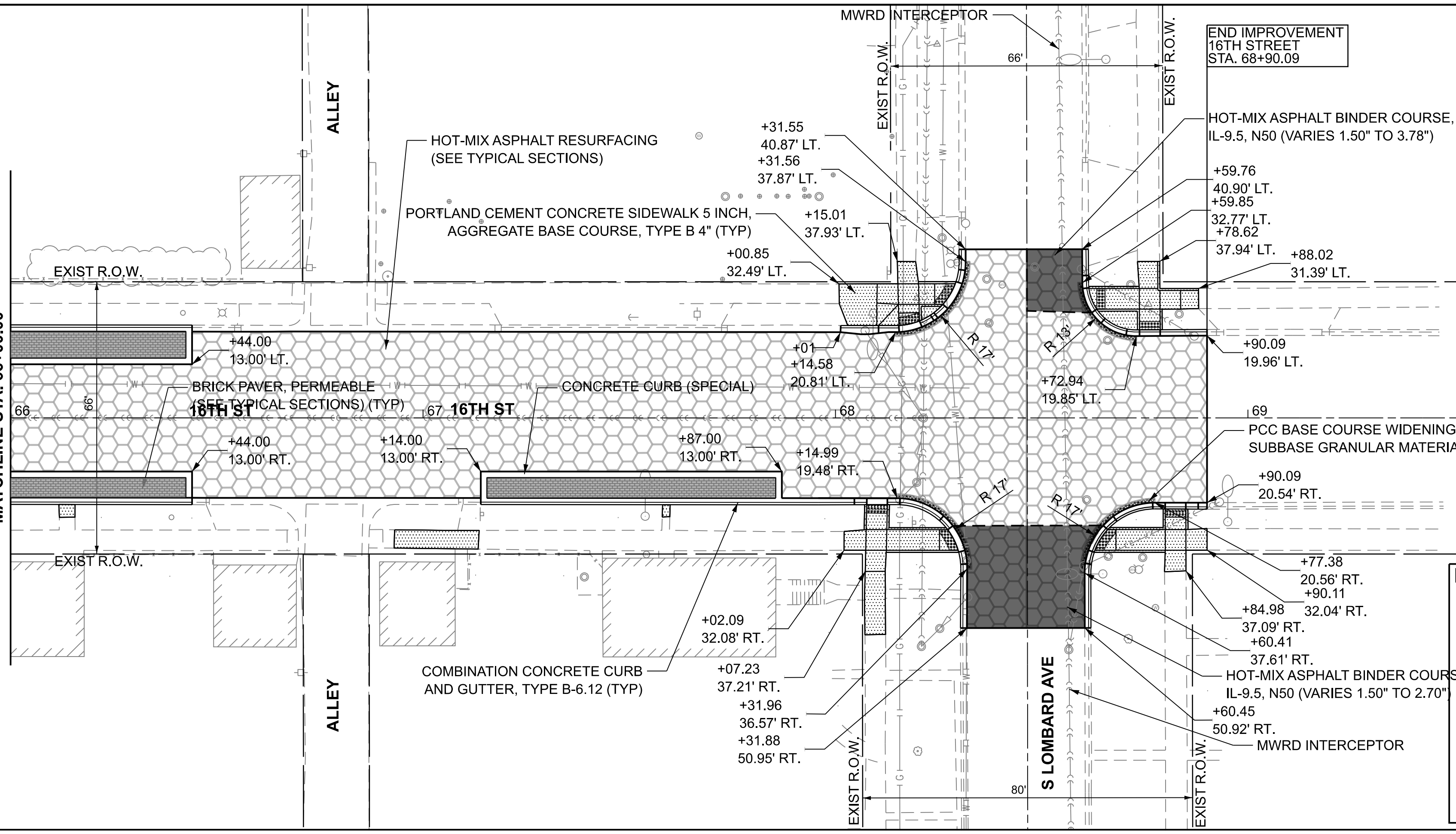
USER NAME = mvasak	DESIGNED -	MJV	REVISED -		
	DRAWN -	AMK	REVISED -		
PLOT SCALE = 0.08333317 ' / in.	CHECKED -	KLB	REVISED -		
PLOT DATE = 02/11/2026	DATE -	02/11/2026	REVISED -		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 55+00.00 TO STA. 66+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	37
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



N

NOTES:

1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.

2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.

3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

LEGEND

- HMA SC IL-9.5 D N50 (1.50") P HMA BC IL-4.75 N50 (0.75") PCC BASE COURSE WIDENING, 10" SUBBASE GRANULAR MATERIAL, TYPE B 4"
- HOT-MIX ASPHALT RESURFACING HMA SC IL-9.5 D N50 (1.50") P HMA BC IL-4.75 N50 (0.75")
- SLOPE CORRECTION FOR ADA COMPLIANCE OMIT P HMA BC, IL-4.75, N50 (0.75") AND USE HMA BC, IL-9.5, N50 (VARIES 1.50" TO 3.78")
- PC CONC SIDEWALK 5" (8" WITHIN DRIVEWAYS) AGGREGATE BASE COURSE, TYPE B 4"
- CLASS D PATCHES
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (DEPRESSED)
- CONCRETE CURB (SPECIAL)
- DETECTABLE WARNINGS
- BRICK PAVERS, PERMEABLE (SEE TYPICAL SECTIONS)

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 13 [Sheet]
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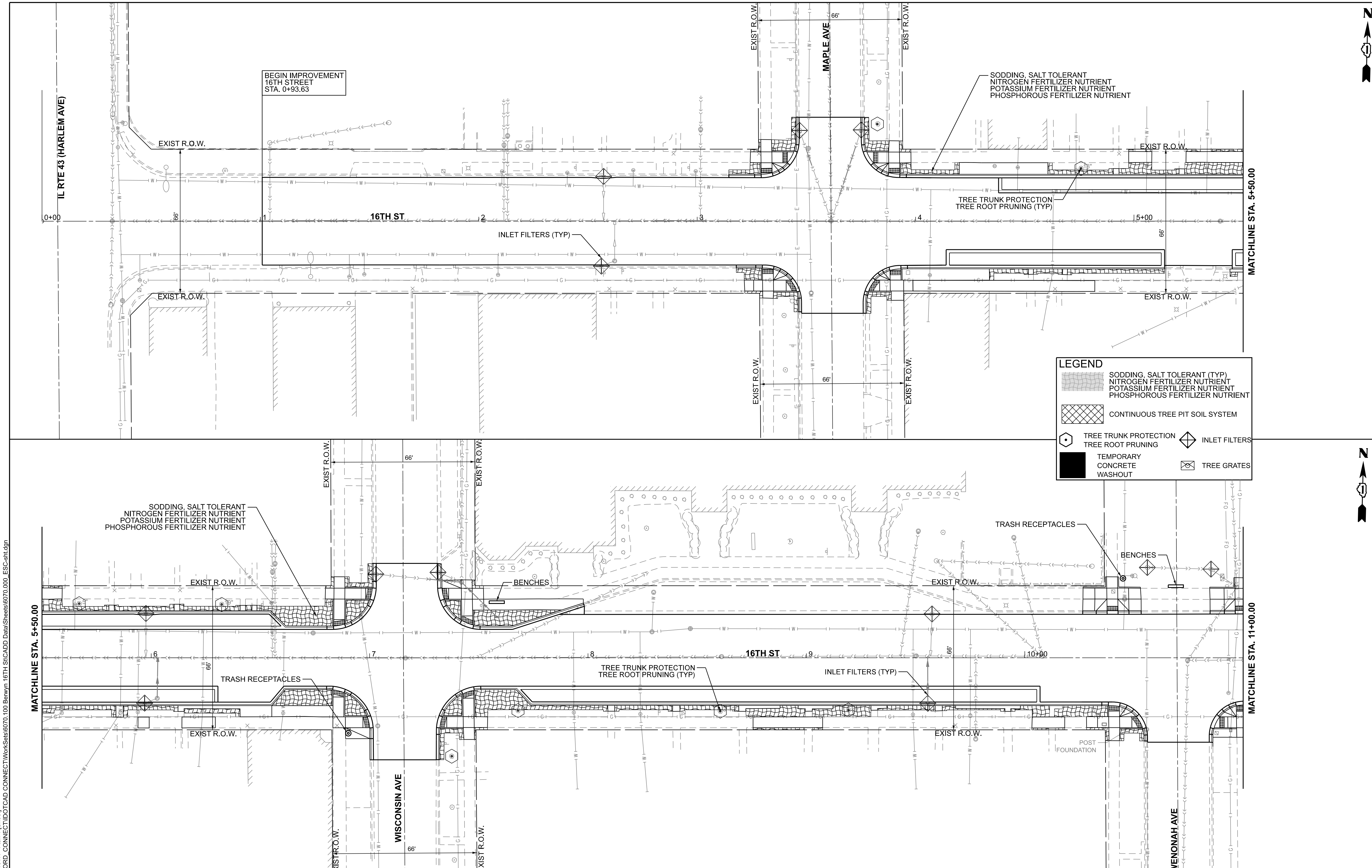
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 7 OF 7 SHEETS | STA. 66+00.00 TO STA. 71+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	38
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		



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PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING, SOIL EROSION, AND SEDIMENT CONTROL PLAN
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 1 OF 7 SHEETS | STA. 0+00.00 TO STA. 11+00.00

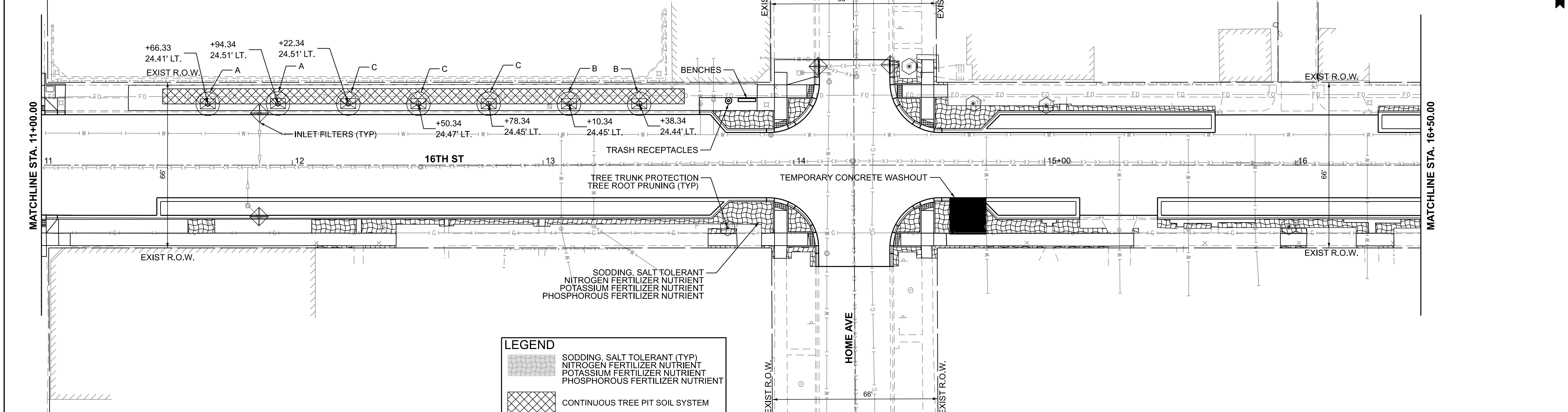
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	39
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 1 [Sheet]
FILE NAME: G:\ORD_CONNECT\DOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ESC-sht.dgn

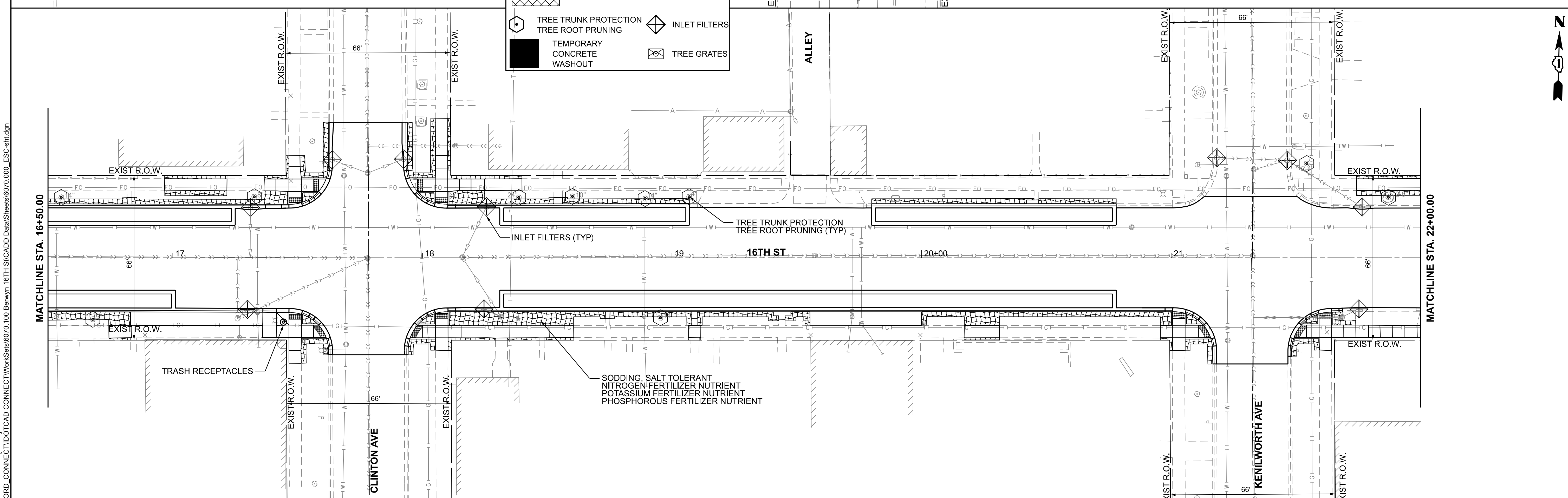
TREE SPECIES SCHEDULE

CALLOUT	SPECIES OF TREE	UNIT	TOTAL QUANTITY
A	TREE, GINKGO BILOBA 'PRINCETON SENTRY' (PRINCETON SENTRY GINKGO), 2-1/2" CALIPER, B&B	EACH	2
B	TREE, GLEDITSIA TRICANTHOS 'SKYLINE' (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, B&B	EACH	2
C	TREE, TILIA TOMENTOSA (SILVER LINDEN), 2-1/2" CALIPER, B&B	EACH	3



LEGEND

- SODDING, SALT TOLERANT (TYP) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT
- CONTINUOUS TREE PIT SOIL SYSTEM
- TREE TRUNK PROTECTION TREE ROOT PRUNING
- INLET FILTERS
- TEMPORARY CONCRETE WASHOUT
- TREE GRATES



GHA GEWALT HAMILTON ASSOCIATES, INC.

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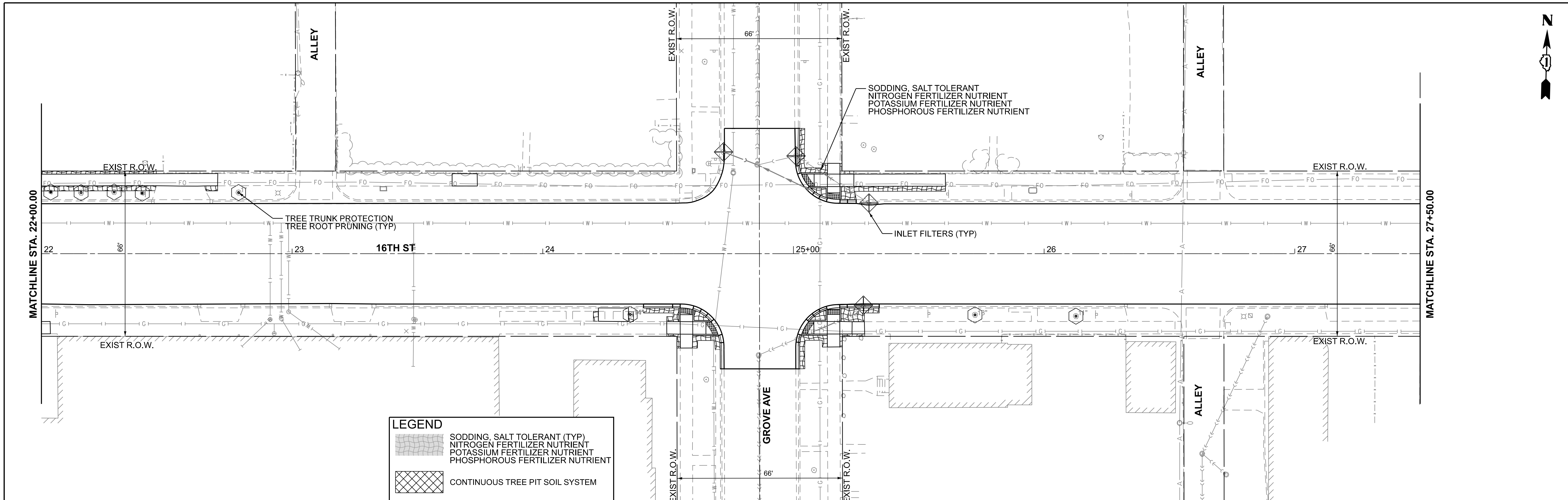
PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING, SOIL EROSION, AND SEDIMENT CONTROL PLAN
16TH STREET - BERWYN, IL

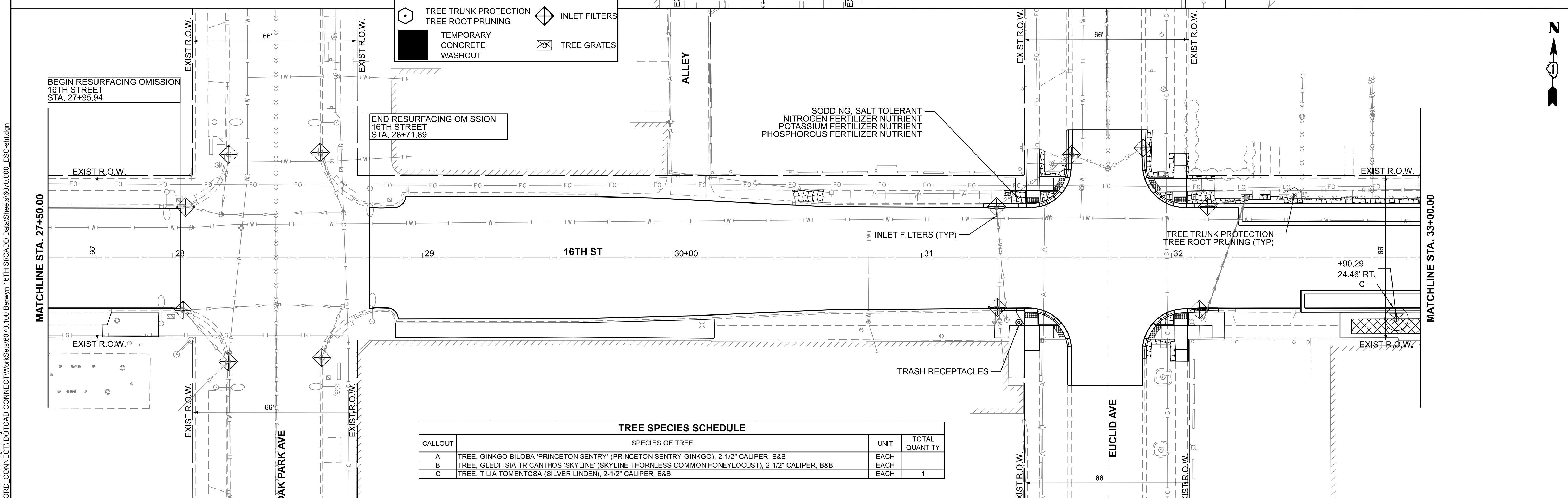
SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 11+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	40
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- SODDING, SALT TOLERANT (TYP) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT
- CONTINUOUS TREE PIT SOIL SYSTEM
- TREE TRUNK PROTECTION TREE ROOT PRUNING
- INLET FILTERS
- TEMPORARY CONCRETE WASHOUT
- TREE GRATES



TREE SPECIES SCHEDULE

CALLOUT	SPECIES OF TREE	UNIT	TOTAL QUANTITY
A	TREE, GINKGO BILOBA 'PRINCETON SENTRY' (PRINCETON SENTRY GINKGO), 2-1/2" CALIPER, B&B	EACH	
B	TREE, GLEDITSIA TRICANTHOS 'SKYLINE' (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, B&B	EACH	
C	TREE, TILIA TOMENTOSA (SILVER LINDEN), 2-1/2" CALIPER, B&B	EACH	1

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 5 [Sheet]
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PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

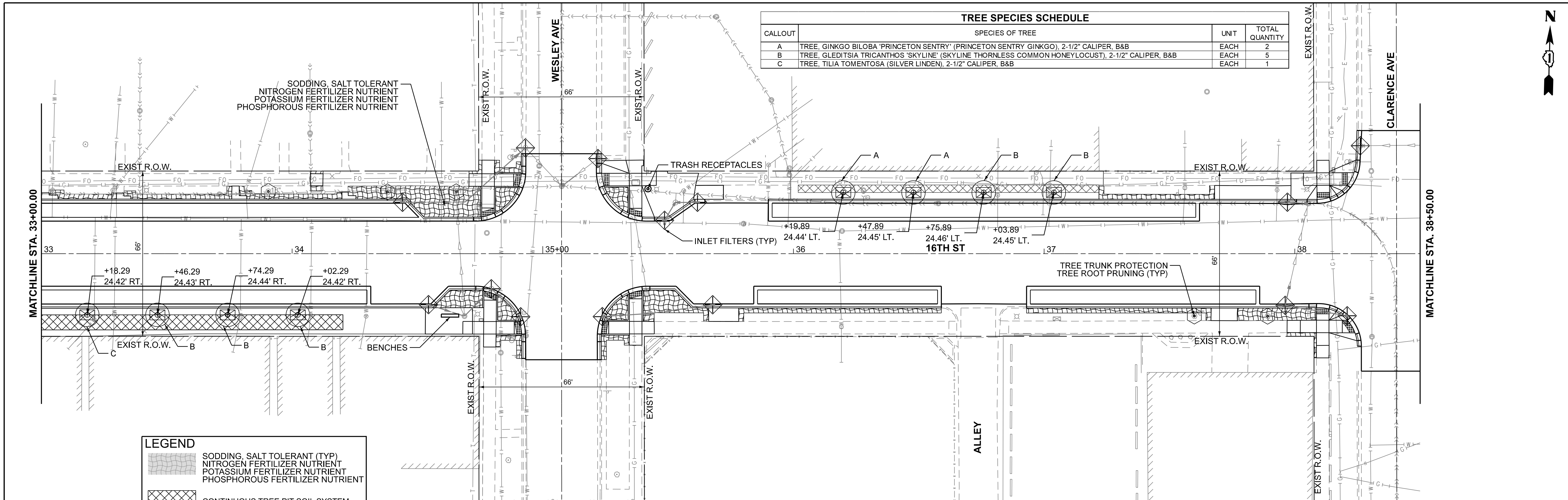
LANDSCAPING, SOIL EROSION, AND SEDIMENT CONTROL PLAN
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 3 OF 7 SHEETS | STA. 22+00.00 TO STA. 33+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	41

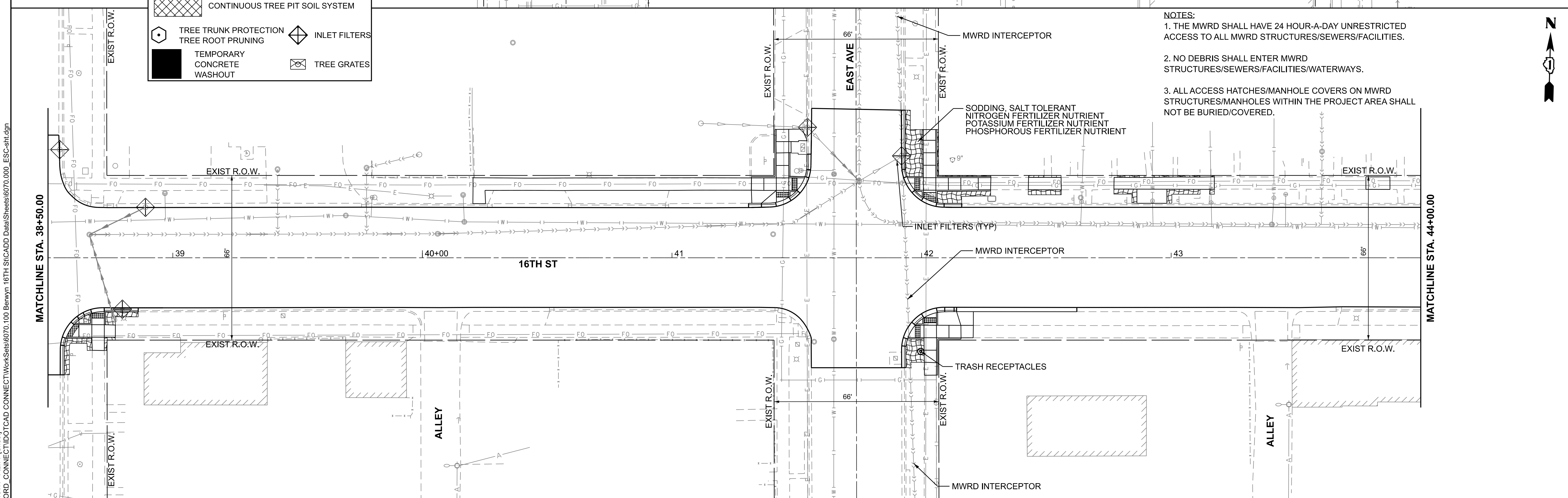
CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



TREE SPECIES SCHEDULE

CALLOUT	SPECIES OF TREE	UNIT	TOTAL QUANTITY
A	TREE, GINKGO BILOBA 'PRINCETON SENTRY' (PRINCETON SENTRY GINKGO), 2-1/2" CALIPER, B&B	EACH	2
B	TREE, GLEDITSIA TRICANTHOS 'SKYLINE' (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, B&B	EACH	5
C	TREE, TILIA TOMENTOSA (SILVER LINDEN), 2-1/2" CALIPER, B&B	EACH	1



NOTES:

1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.

2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.

3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 7 [Sheet]
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PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING, SOIL EROSION, AND SEDIMENT CONTROL PLAN
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 4 OF 7 SHEETS | STA. 33+00.00 TO STA. 44+00.00

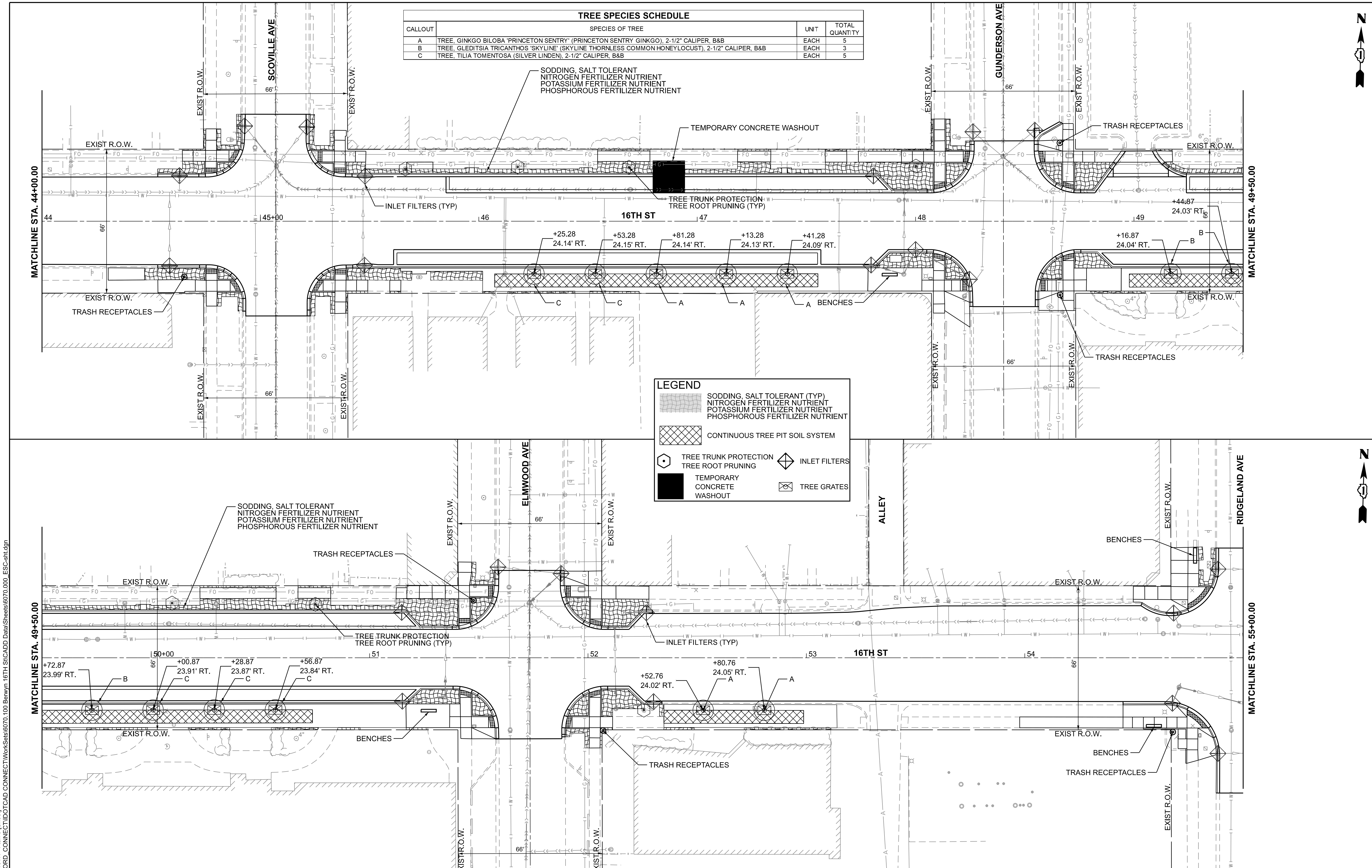
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	42

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

TREE SPECIES SCHEDULE

CALLOUT	SPECIES OF TREE	UNIT	TOTAL QUANTITY
A	TREE, GINKGO BILOBA 'PRINCETON SENTRY' (PRINCETON SENTRY GINKGO), 2-1/2" CALIPER, B&B	EACH	5
B	TREE, GLEDITSIA TRICANTHOS 'SKYLINE' (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, B&B	EACH	3
C	TREE, TILIA TOMENTOSA (SILVER LINDEN), 2-1/2" CALIPER, B&B	EACH	5



LEGEND

- SODDING, SALT TOLERANT (TYP) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT
- CONTINUOUS TREE PIT SOIL SYSTEM
- TREE TRUNK PROTECTION TREE ROOT PRUNING
- INLET FILTERS
- TEMPORARY CONCRETE WASHOUT
- TREE GRATES

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 9 [Sheet]
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PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

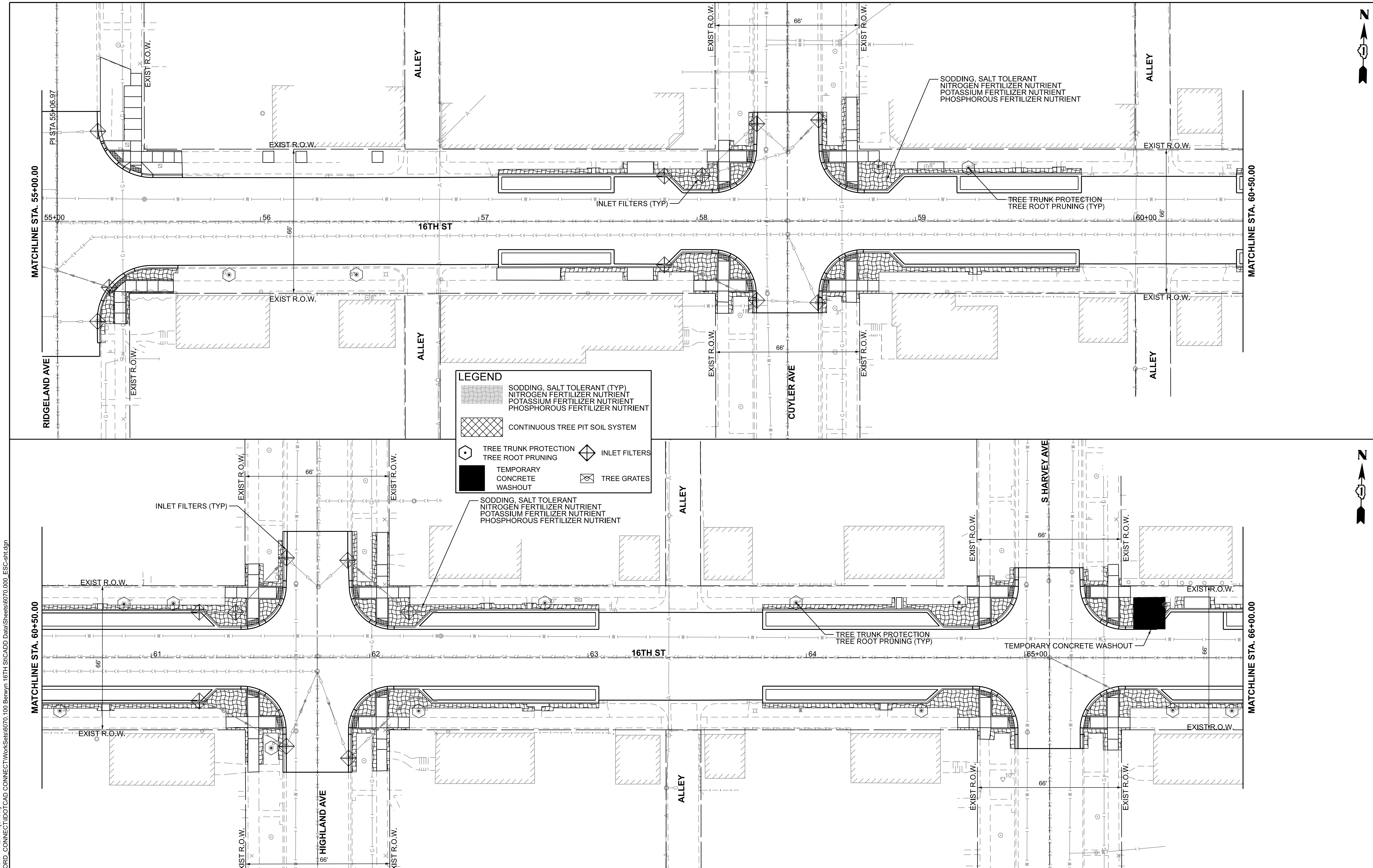
LANDSCAPING, SOIL EROSION, AND SEDIMENT CONTROL PLAN
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 5 OF 7 SHEETS | STA. 44+00.00 TO STA. 55+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	43

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



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GEWALT HAMILTON ASSOCIATES, INC.

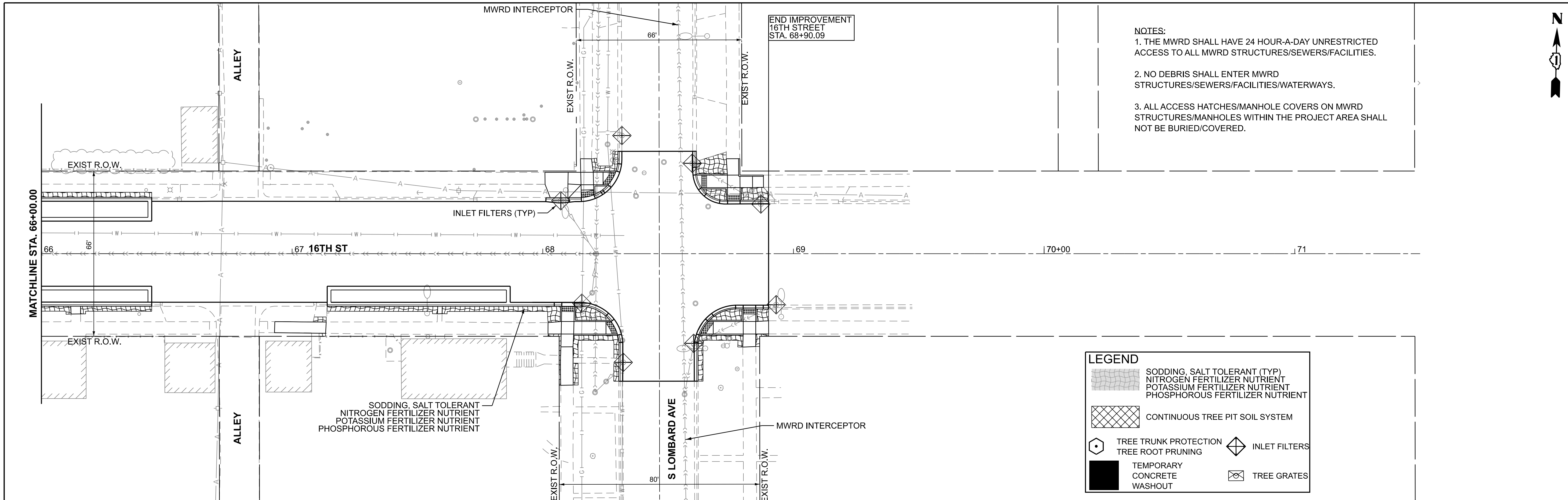
USER NAME = akopel	DESIGNED - MJV	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING, SOIL EROSION, AND SEDIMENT CONTROL PLAN
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 6 OF 7 SHEETS | STA. 55+00.00 TO STA. 66+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	44
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

LEGEND

- SODDING, SALT TOLERANT (TYP) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT
- CONTINUOUS TREE PIT SOIL SYSTEM
- TREE TRUNK PROTECTION TREE ROOT PRUNING
- INLET FILTERS
- TEMPORARY CONCRETE WASHOUT
- TREE GRATES

MODEL: X_CL_16TH - Plan 13 [Sheet]
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GEWALT HAMILTON ASSOCIATES, INC.

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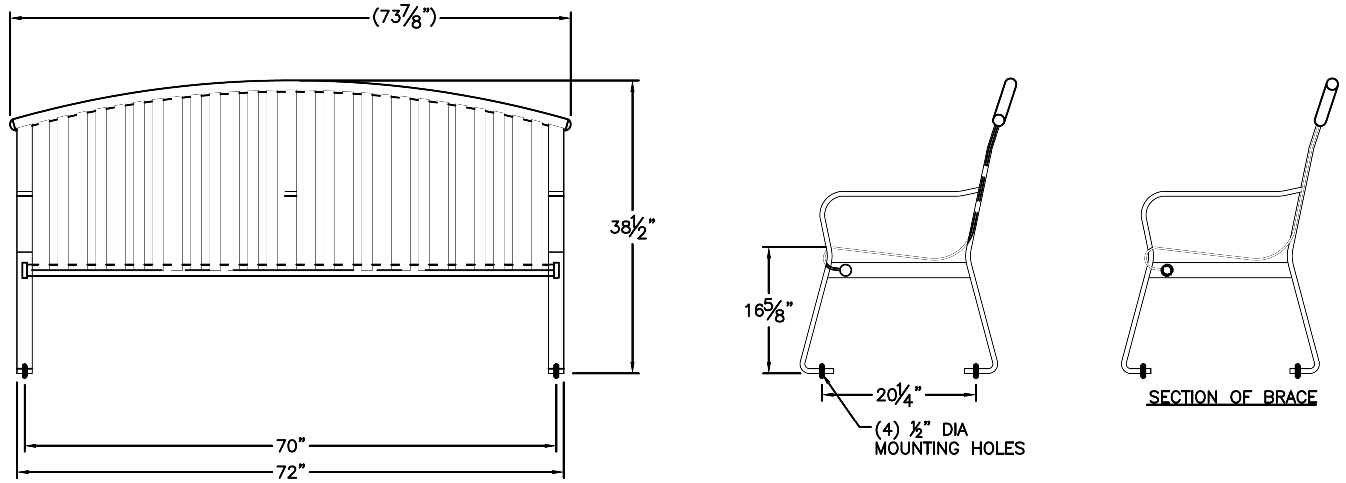
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING, SOIL EROSION, AND SEDIMENT CONTROL PLAN
16TH STREET - BERWYN, IL

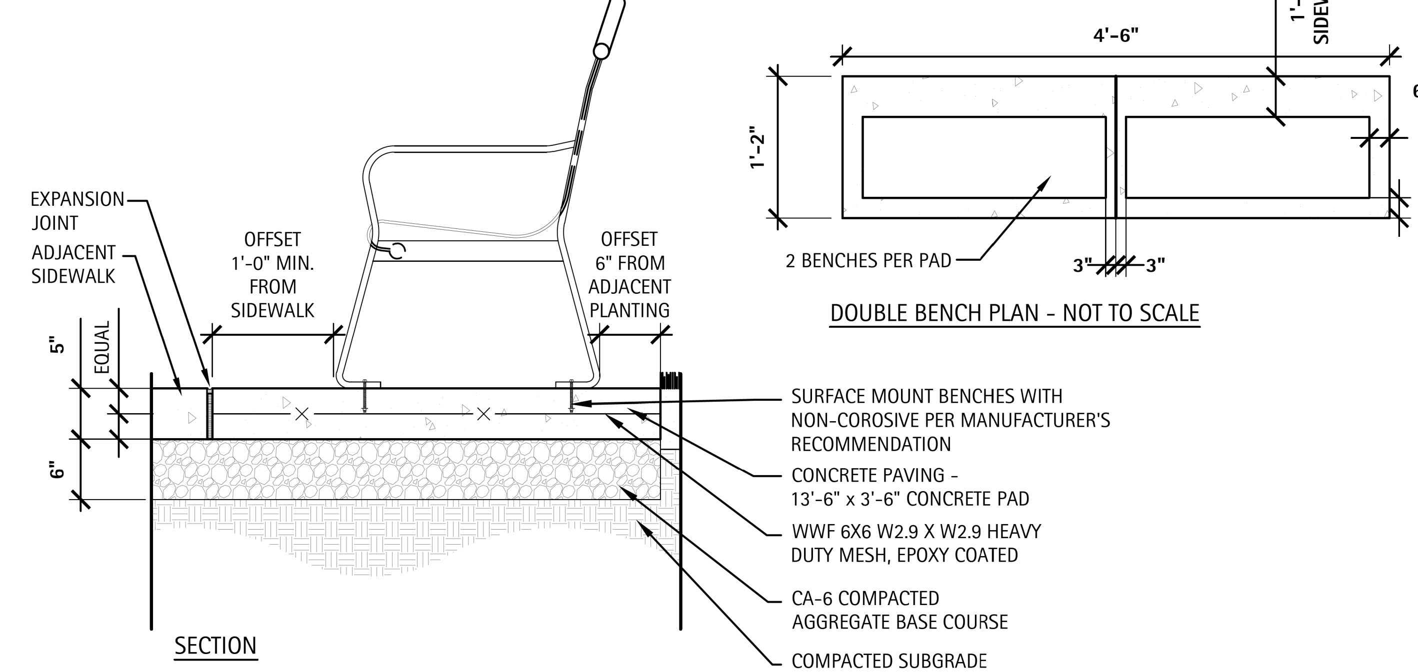
SCALE: 1"=20' | SHEET 7 OF 7 SHEETS | STA. 66+00.00 TO STA. 71+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	45
CONTRACT NO. 61L54				
ILLINOIS	FED. AID PROJECT			

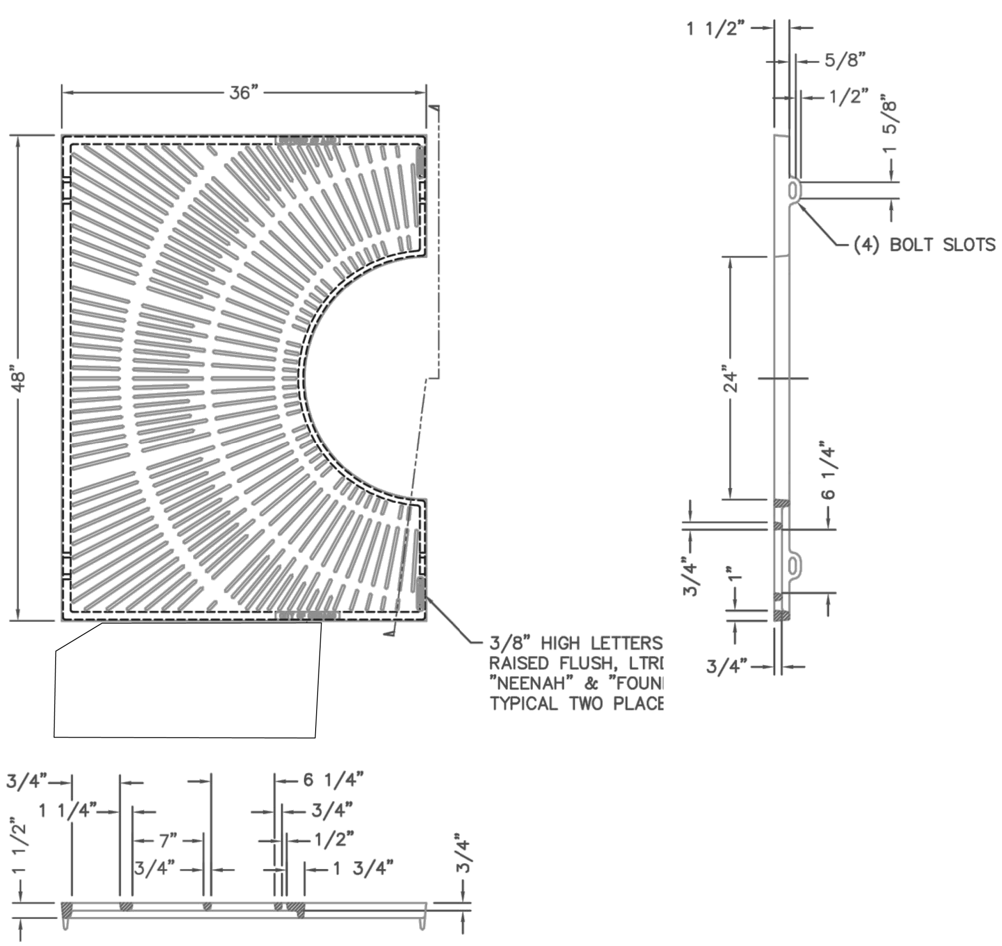


1 BENCH
SCALE: 1/2" = 1'-0"

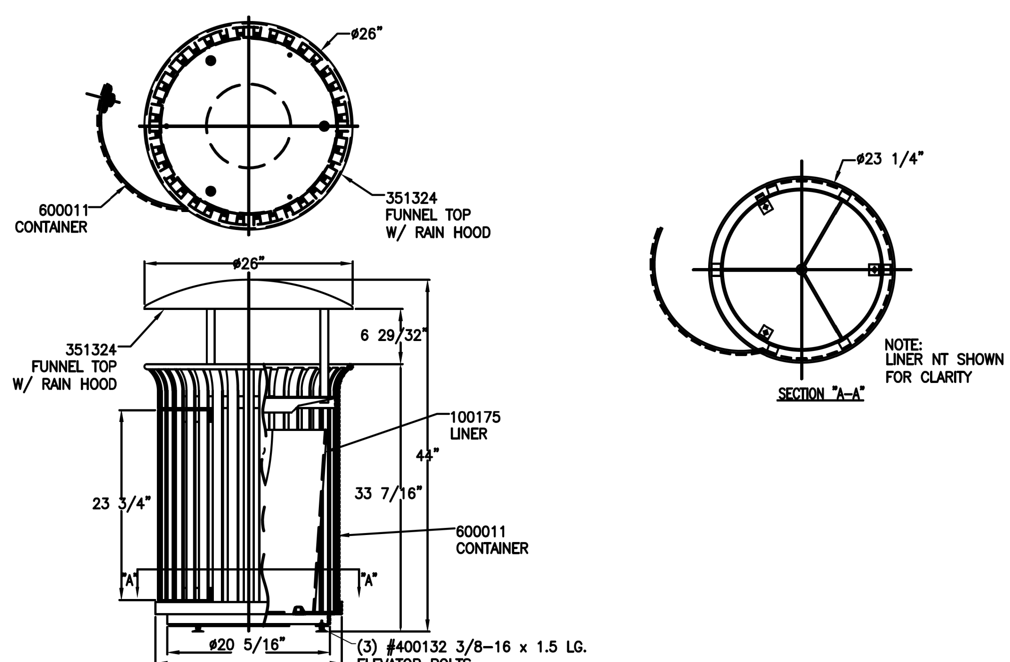
NOTE
1. PADS WITH SINGLE BENCHES TO HAVE 6" CLEARANCE ON THREE SIDES, AND 1'-0" CLEARANCE ON SIDE FACING SIDEWALK.



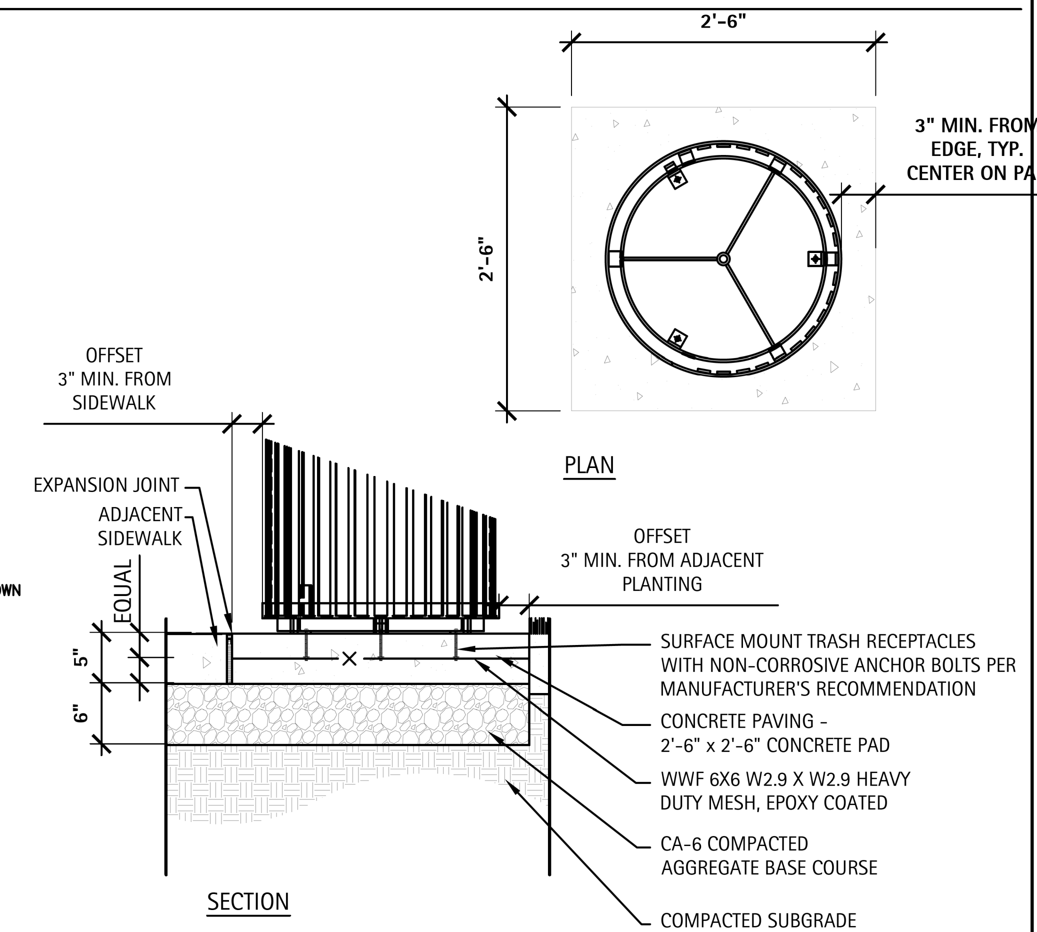
3 BENCH CONCRETE PAD & MOUNTING DETAIL
SCALE: NTS



2 TREE GRATE
SCALE: NTS



4 TRASH RECEPTACLE
SCALE: NTS

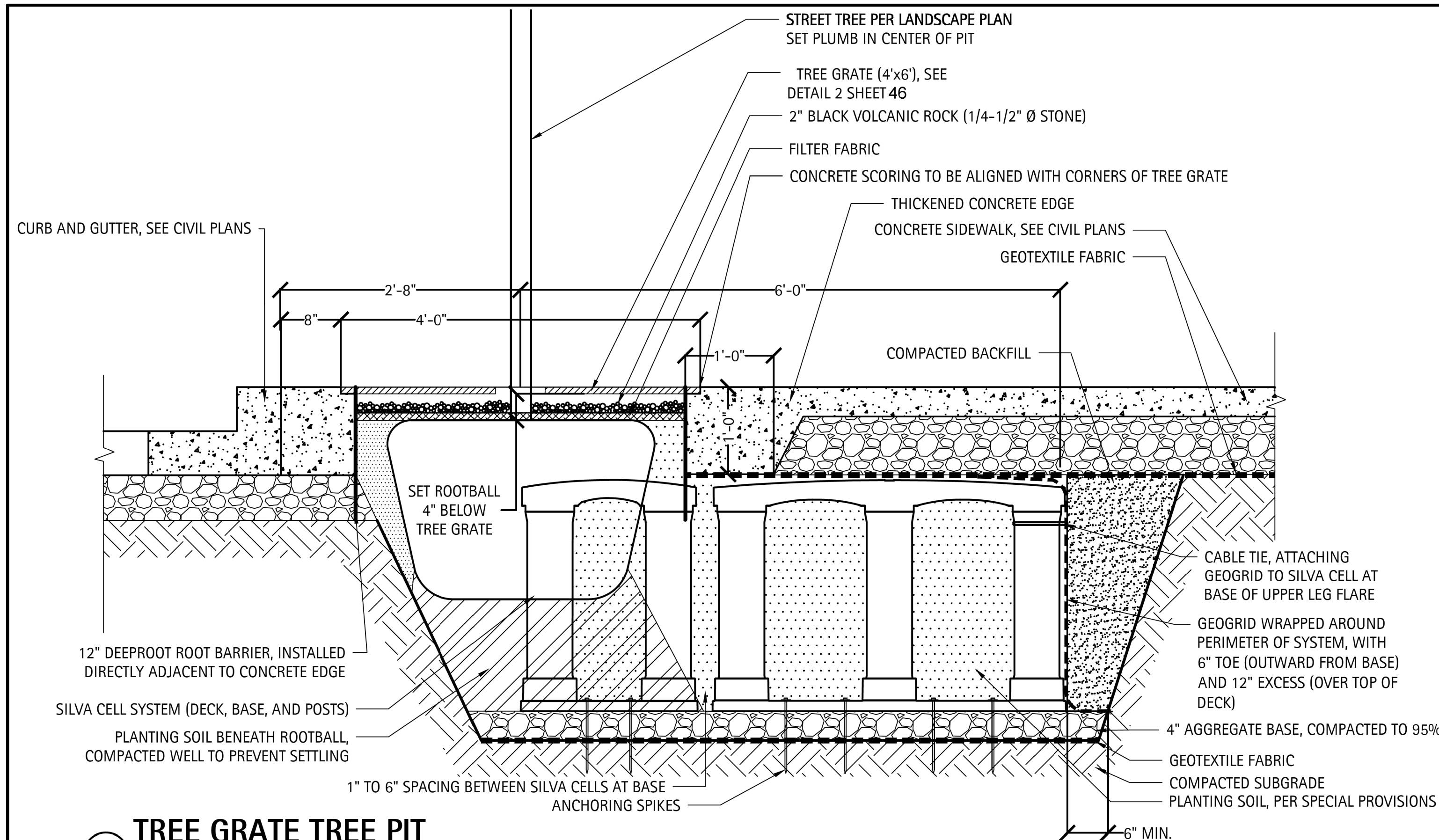


5 TRASH RECEPTACLE CONCRETE PAD & MOUNTING PAD
SCALE: NTS

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Default
FILE NAME: G:\ORD_CONNECT\DOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ESC Notes-sht.dgn

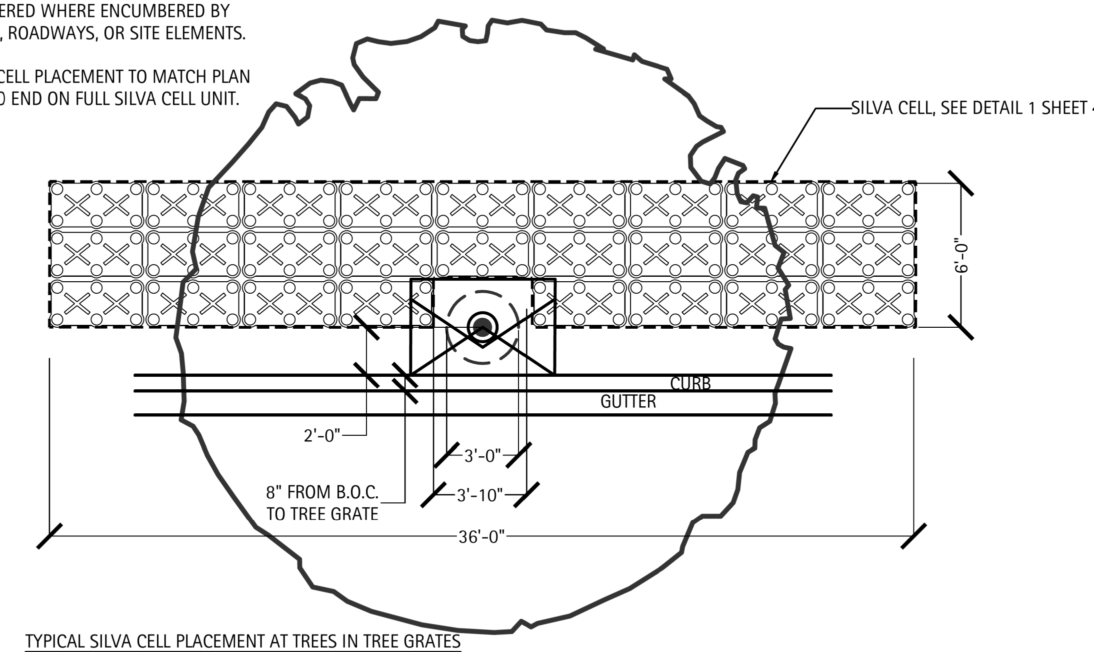
USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING, SOIL EROSION, AND SEDIMENT CONTROL DETAILS 16TH STREET - BERWYN, IL	F.A.U. RTE. 1447 · SECTION 17-00175-00-LS · COUNTY COOK · TOTAL SHEETS 147 · SHEET NO. 46
	DRAWN - AMK	REVISED -			CONTRACT NO. 61L54
PLOT SCALE = 20.000 ' / in.	CHECKED - KLB	REVISED -			ILLINOIS FED. AID PROJECT
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -		SCALE: NONE · SHEET 1 OF 3 SHEETS · STA. TO STA.	



1 TREE GRATE TREE PIT
SCALE: 1/2" = 1'-0"

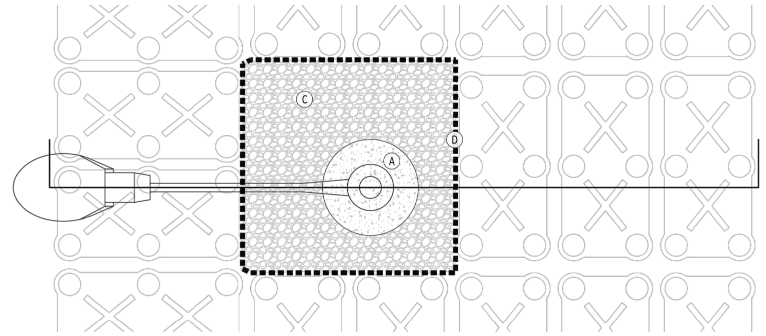
NOTES:

1. STANDARD SILVA CELL PLACEMENT TO BE ALTERED WHERE ENCUMBERED BY CURBS, ROADWAYS, OR SITE ELEMENTS.
2. SILVA CELL PLACEMENT TO MATCH PLAN AND TO END ON FULL SILVA CELL UNIT.

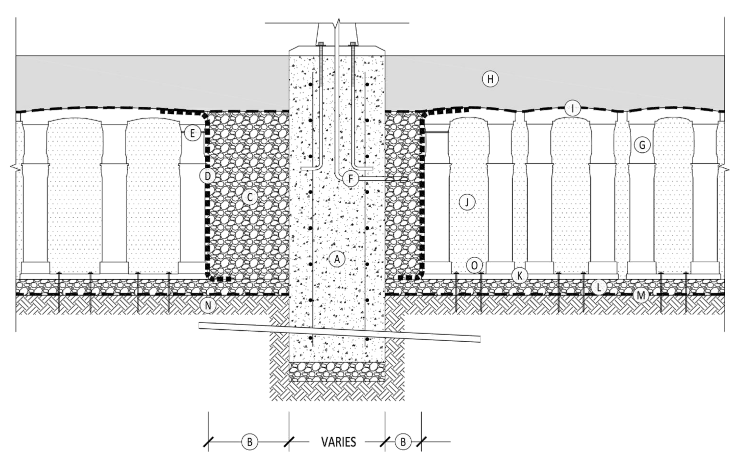


TYPICAL SILVA CELL PLACEMENT AT TREES IN TREE GRATES

3 TREE PIT W/SILVA CELL - PLAN LAYOUT
SCALE: 1/8" = 1'-0"



BRIDGING AROUND FOOTING - PLAN
(REFERENCE ONLY)



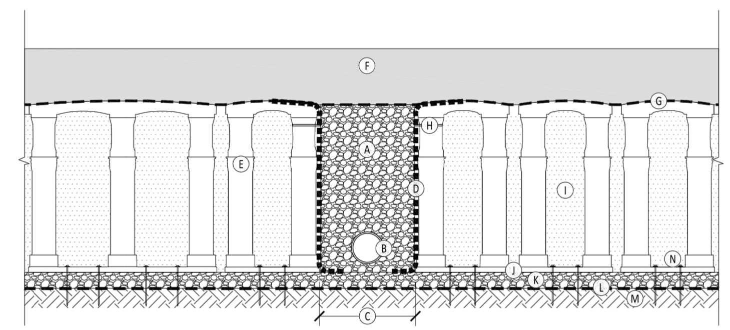
KEY PLAN

- (A) CONCRETE FOOTING, PER PROJECT SPECIFICATIONS
- (B) 24" (610 mm) MAXIMUM, VARIES PER PROJECT SPECIFICATIONS
- (C) WASHED STONE WITHOUT FINES, PER PROJECT SPECIFICATIONS
- (D) GEOGRID TO LINE PERIMETER OF WASHED STONE WITH 6" (150 mm) TOE (FOLDED INWARD) AND 12" (305 mm) EXCESS FOLDED OVER ADJACENT DECKS
- (E) CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER POST FLARE
- (F) CONDUIT, PER PROJECT SPECIFICATIONS
- (G) SILVA CELL SYSTEM (DECK, BASE, AND POSTS)
- (H) SILVA CELL STANDARD PAVEMENT PROFILE, SEE NOTE 1
- (I) GEOTEXTILE, PER PROJECT SPECIFICATIONS
- (J) PLANTING SOIL, PER PROJECT SPECIFICATIONS. COMPACTED TO 70-80% PROCTOR.
- (K) 1" - 4" (25 mm - 100mm) SPACING BETWEEN SILVA CELLS AT BASE
- (L) 4" (100 mm) MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
- (M) GEOTEXTILE, PLACED BELOW AGGREGATE SUB BASE
- (N) SUBGRADE, COMPACTED TO 95% PROCTOR
- (O) PIN, PER SILVA CELL SPECIFICATIONS

NOTES

1. THIS BRIDGING DETAIL MAY BE USED WITH ANY SILVA CELL STANDARD PAVING PROFILE (CONCRETE, PAVERS, ASPHALT, POROUS PAVEMENTS). PAVING PROFILE SHOWN IN THIS DETAIL IS NOT TO SCALE AND WILL VARY PER PROJECT SPECIFICATIONS.
2. THIS BRIDGING DETAIL MAY BE USED WITH 1x, 2x, or 3x SYSTEMS. SHOWN HERE ARE 3x SILVA CELLS.
3. SILVA CELL LAYOUT SHOWN HERE IS NOT PRESCRIPTIVE AND WILL VARY PER PROJECT SPECIFICATIONS.
4. SILVA CELL SUPPLEMENTAL DETAILS SHALL BE USED IN CONJUNCTION WITH SILVA CELL STANDARD DETAILS FOR STREETSCAPE, PLAZA, PARKING LOT, AND / OR PEDESTRIAN APPLICATIONS.
5. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
6. DO NOT SCALE DRAWINGS.

2 SILVA CELL - BRIDGING AROUND FOOTING
SCALE: NTS



KEY PLAN

- (A) WASHED STONE WITHOUT FINES, PER PROJECT SPECIFICATIONS
- (B) EXAMPLE OF EXISTING OR PROPOSED UTILITY, SEE NOTE 2
- (C) 4" - 24" (100mm - 610mm) GAP BETWEEN SILVA CELLS AT BASE
- (D) GEOGRID TO LINE PERIMETER OF AGGREGATE WITH 6" (150 mm) TOE (INWARD) AND 12" (305 mm) EXCESS FOLDED OVER TOP OF ADJACENT DECKS
- (E) SILVA CELL SYSTEM (DECK, BASE, AND POSTS), SEE NOTE 3
- (F) SILVA CELL STANDARD PAVEMENT PROFILE, SEE NOTE 1
- (G) GEOTEXTILE, PER PROJECT SPECIFICATIONS
- (H) CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER POST FLARE
- (I) PLANTING SOIL, PER PROJECT SPECIFICATIONS. COMPACTED TO 70-80% PROCTOR.
- (J) 1" TO 4" (25mm - 100mm) SPACING BETWEEN SILVA CELLS AT BASE
- (K) 4" (100mm) MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
- (L) GEOTEXTILE, PLACED BELOW AGGREGATE SUB BASE
- (M) SUBGRADE, COMPACTED TO 95% PROCTOR
- (N) PIN, PER SILVA CELL SPECIFICATIONS

NOTES

1. THIS BRIDGING WITH AGGREGATE DETAIL MAY BE USED WITH ANY SILVA CELL STANDARD PAVING PROFILE (CONCRETE, PAVERS, ASPHALT, POROUS PAVEMENTS). PAVING PROFILE SHOWN IN THIS DETAIL IS NOT TO SCALE AND WILL VARY PER PROJECT SPECIFICATIONS.
2. THE UTILITY CONFLICT SHOWN ON THIS DETAIL IS AN EXAMPLE OF AN EXISTING OR PROPOSED CONDITION THAT MAY MAKE IT NECESSARY TO BRIDGE A LARGER THAN STANDARD GAP BETWEEN CELLS. ALL CONFLICTING ELEMENTS (E.G. PIPE, BASE MATERIAL AND DEPTH, COVER) ARE ILLUSTRATIVE ONLY AND ARE PER PROJECT SPECIFICATIONS.
3. THIS BRIDGING DETAIL MAY BE USED WITH 1x, 2x, or 3x SYSTEMS. SHOWN HERE ARE 3x SILVA CELLS.
4. SILVA CELL LAYOUT SHOWN HERE IS NOT PRESCRIPTIVE AND WILL VARY PER PROJECT SPECIFICATIONS.
5. SILVA CELL SUPPLEMENTAL DETAILS SHALL BE USED IN CONJUNCTION WITH SILVA CELL STANDARD DETAILS FOR STREETSCAPE, PLAZA, PARKING LOT, AND / OR PEDESTRIAN APPLICATIONS.
6. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
7. DO NOT SCALE DRAWINGS.

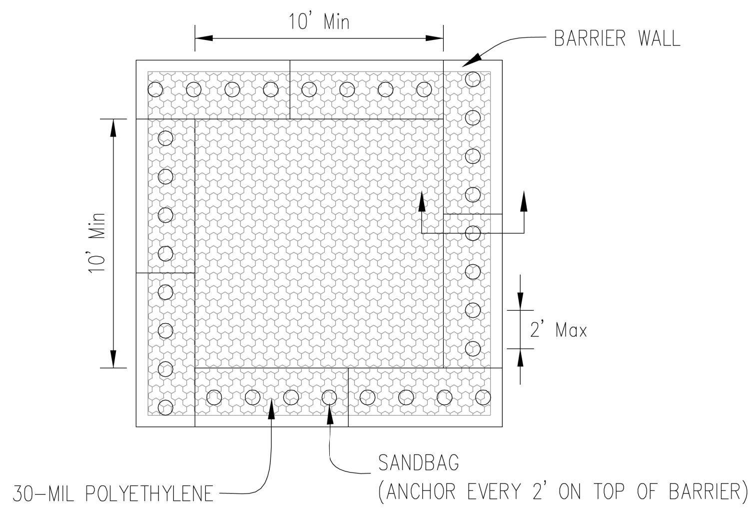
4 SILVA CELL - BRIDGING AROUND UTILITY LINE
SCALE: NTS

GEWALT HAMILTON ASSOCIATES, INC.

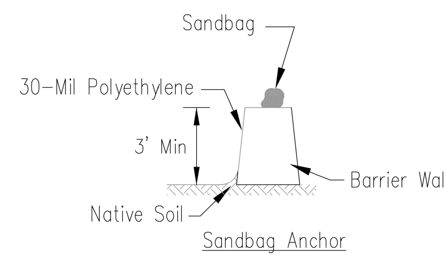
MODEL: Default
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ESC Notes-sht.dgn

USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING, SOIL EROSION, AND SEDIMENT CONTROL DETAILS 16TH STREET - BERWYN, IL
	DRAWN - AMK	REVISED -		
PLOT SCALE = 20.000 ' / in.	CHECKED - KLB	REVISED -		
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -		SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

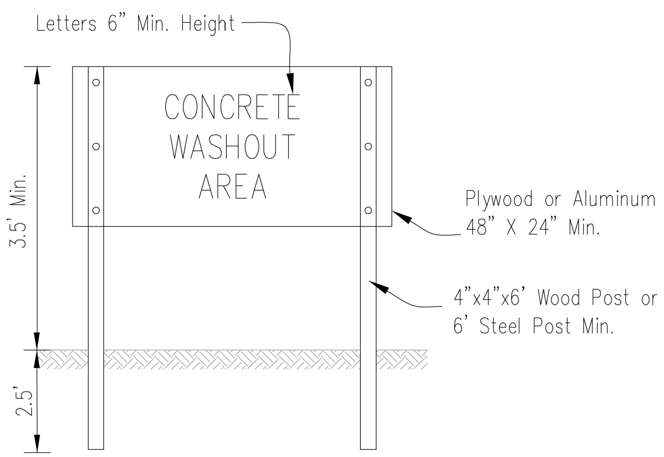
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	47
CONTRACT NO. 61L54				
ILLINOIS	FED. AID PROJECT			



PLAN VIEW



BARRIER WALL ANCHOR SECTION



SIGN DETAIL

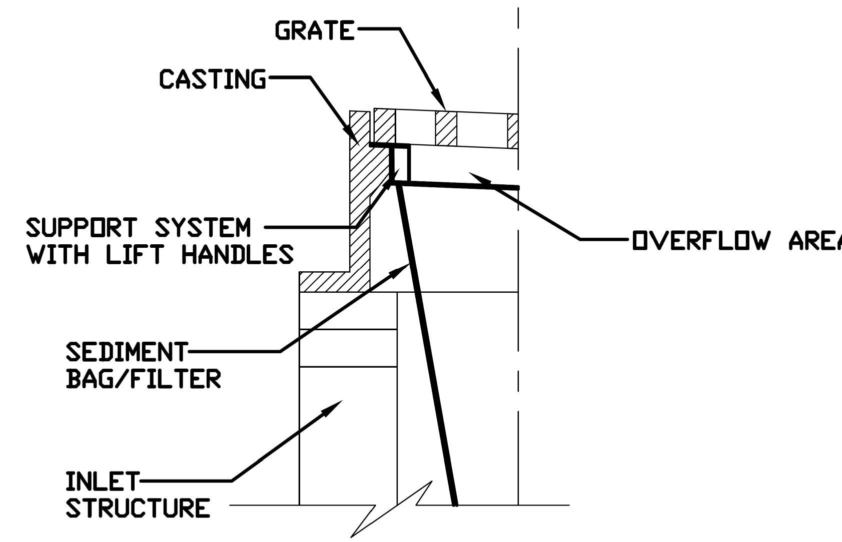
NOTES:

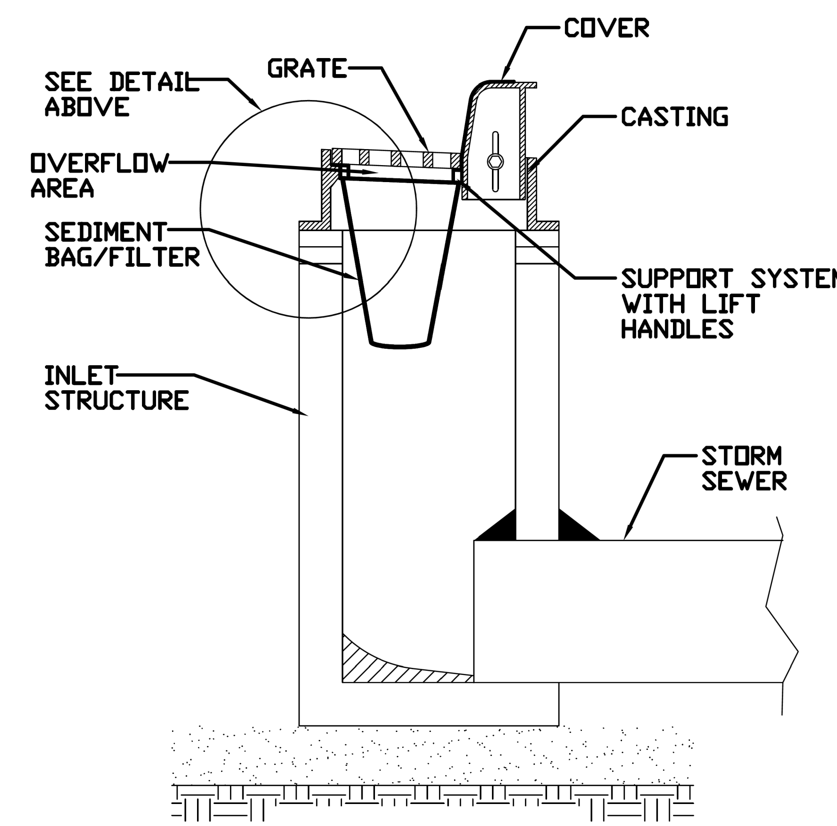
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.

2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

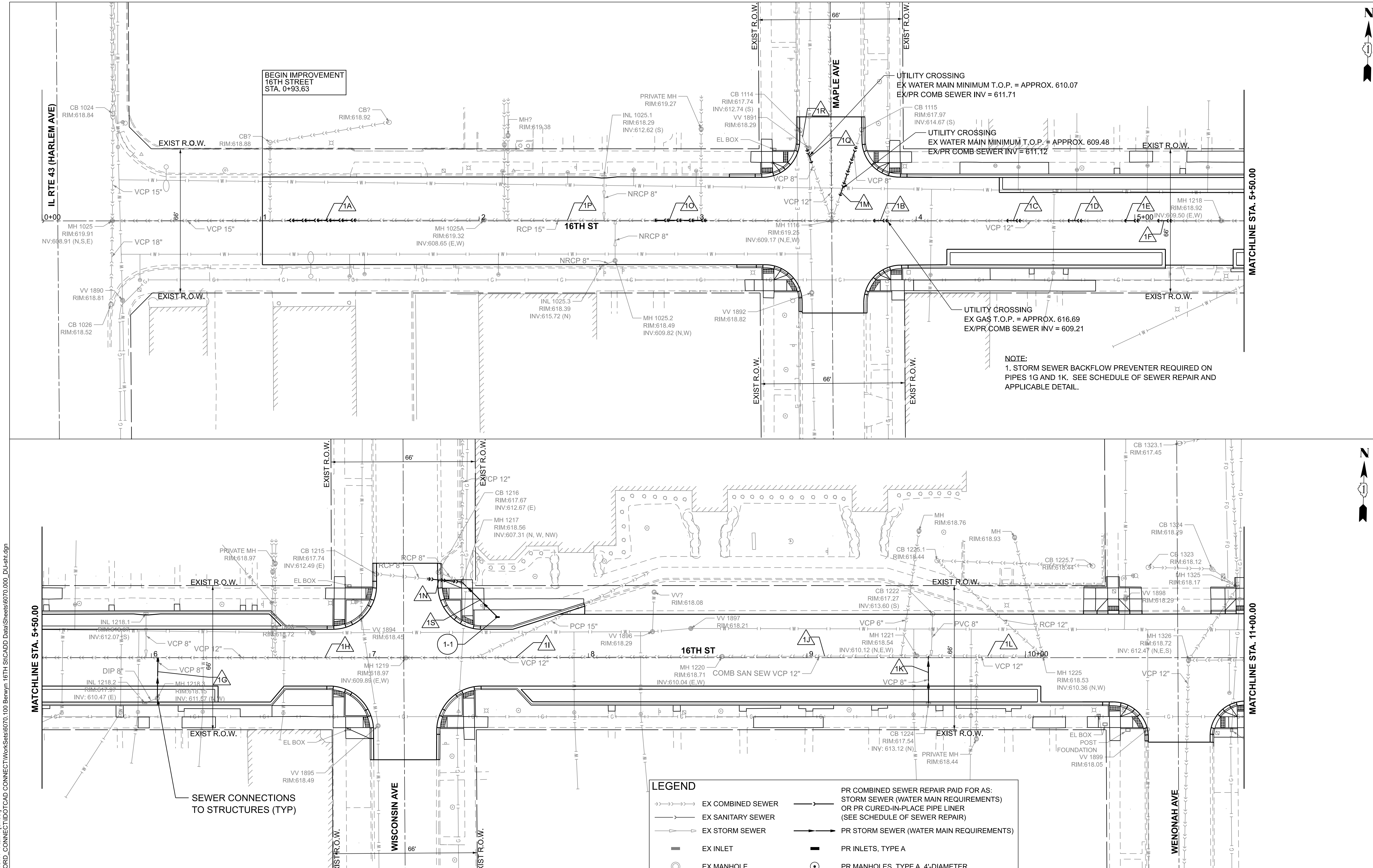
Sheet 3 of 3	Drawing No.	File No. IUM-654BW	TEMPORARY CONCRETE WASHOUT FACILITY – BARRIER WALL		Date
				Designed	
				Drawn B. JOHNSON	6/08
				Checked	
				Approved	

INLET PROTECTION – PAVED AREAS
DROP-IN PROTECTION





REFERENCE		STANDARD DWG. NO.
Project	ILLINOIS URBAN MANUAL	IUM-561D
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		
Approved ____ Date ____		DATE 01-11-11



GEWALT HAMILTON ASSOCIATES, INC.

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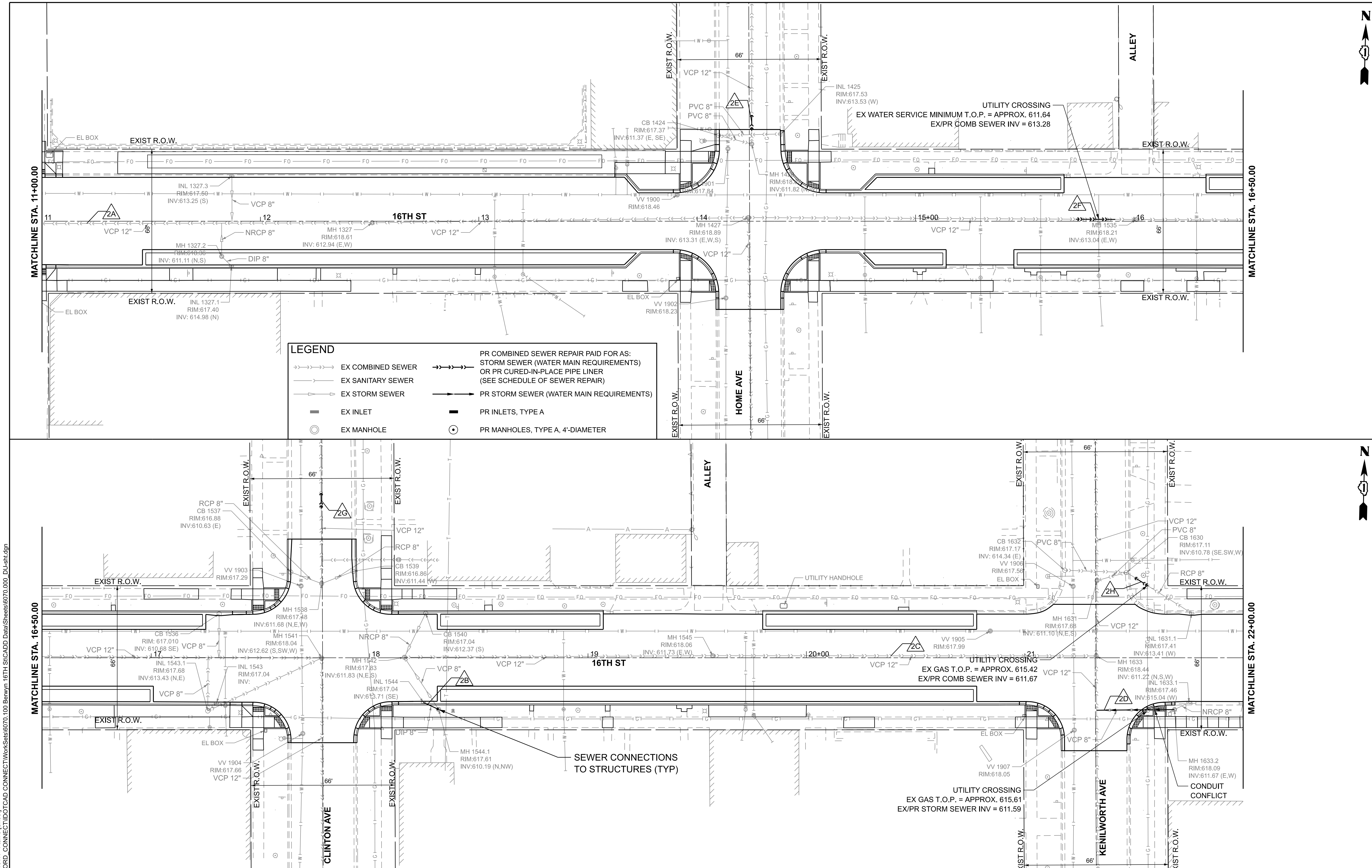
		DRAWN -	AMK	REVISED	-
PLOT SCALE	= 0.083 ' / in.	CHECKED -	KLB	REVISED	-
PLOT DATE	= 02/11/2026	DATE -	02/11/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 1 OF 7 SHEETS | STA. 0+00.00 TO STA. 11+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	49
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



GEWALT HAMILTON ASSOCIATES, INC.

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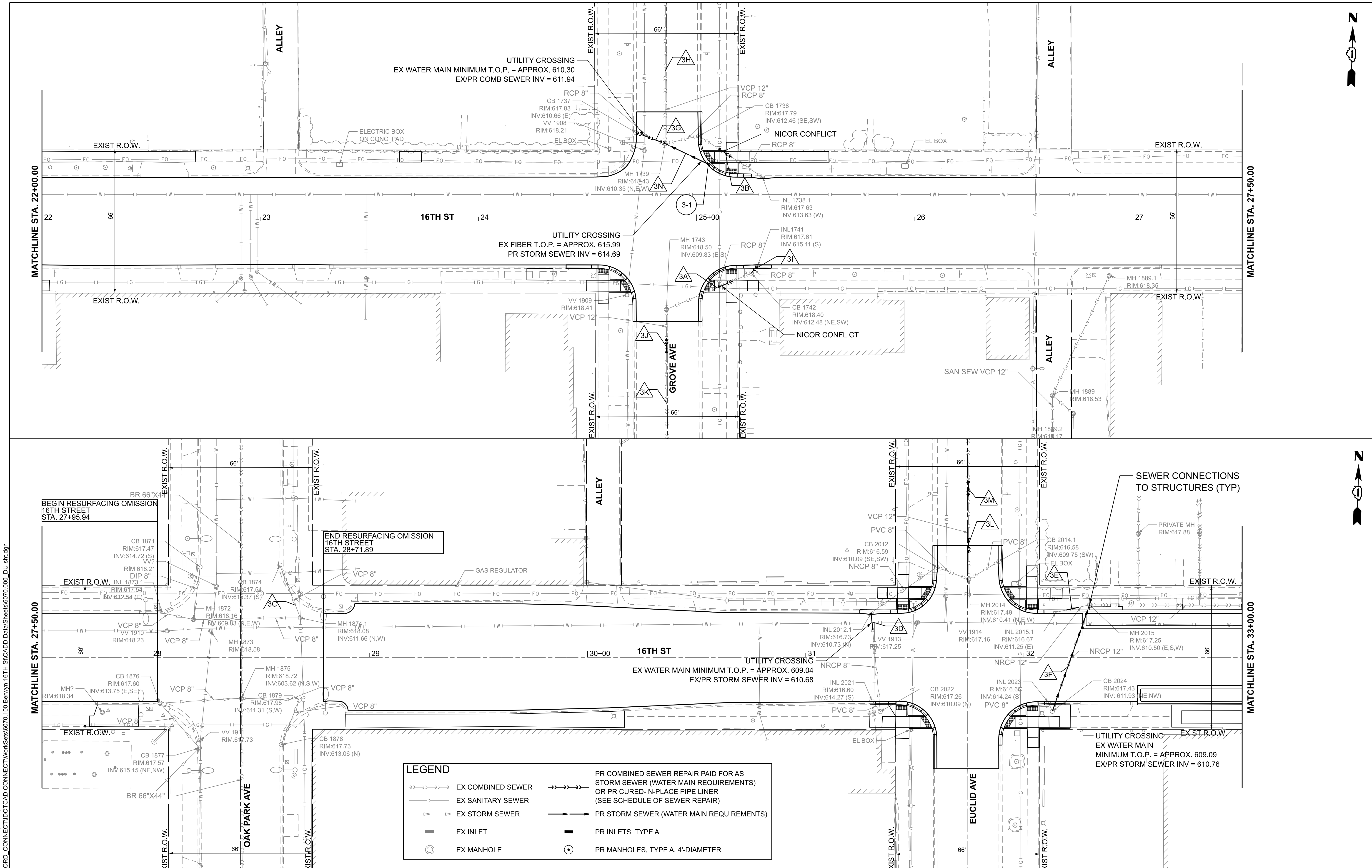
PLOT DATE	= 02/11/2026	DATE	- 02/11/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 2 OF 7 SHEETS | STA. 11+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	50
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		



GHA GEWALT HAMILTON ASSOCIATES, INC.

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		DRAWN	- AMK	REVISED	-
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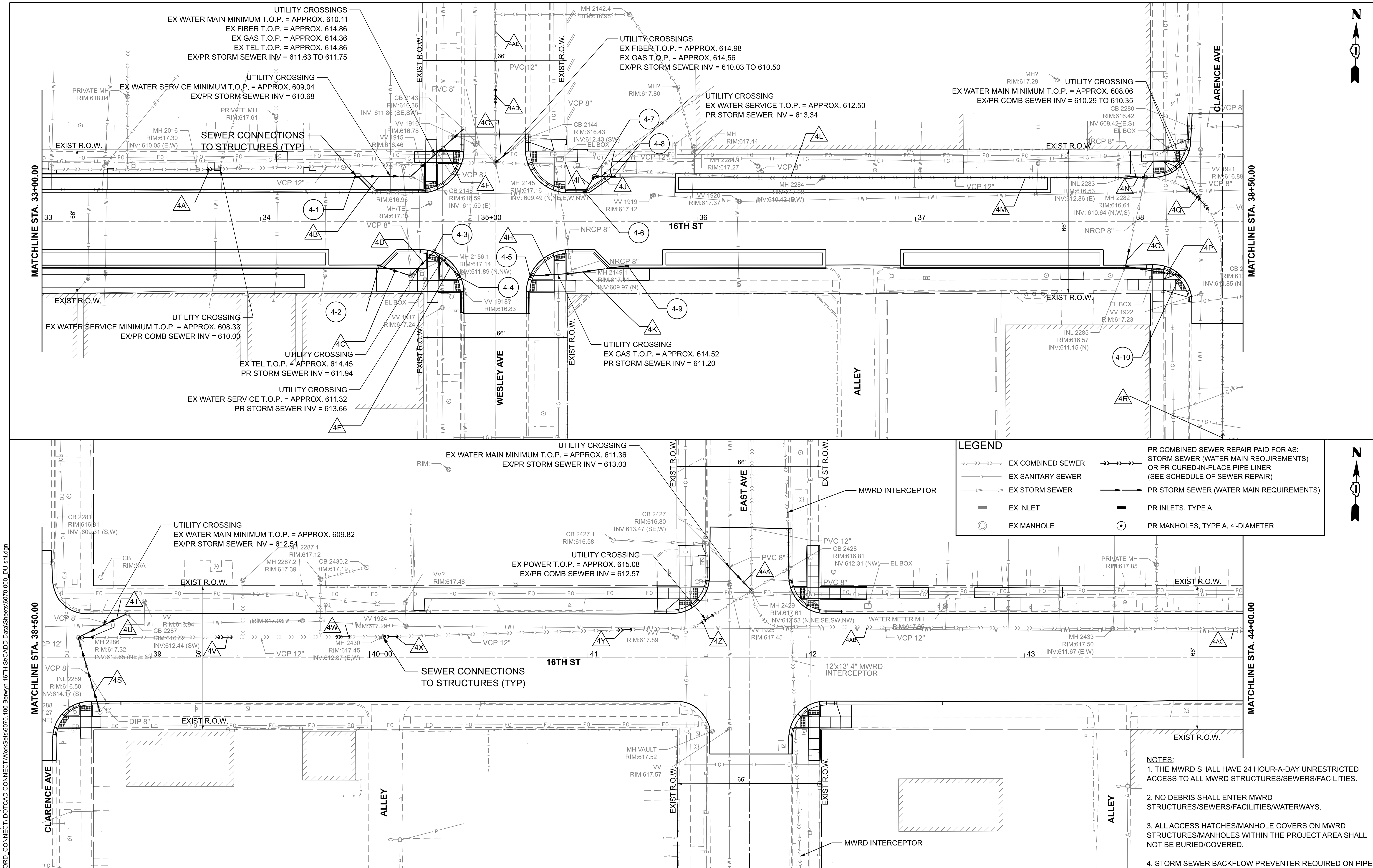
PLOT DATE	= 02/11/2026	DATE	- 02/11/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 3 OF 7 SHEETS | STA. 22+00.00 TO STA. 33+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	51
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



LEGEND

	EX COMBINED SEWER		PR COMBINED SEWER REPAIR PAID FOR AS: STORM SEWER (WATER MAIN REQUIREMENTS) OR PR CURED-IN-PLACE PIPE LINER (SEE SCHEDULE OF SEWER REPAIR)
	EX SANITARY SEWER		
	EX STORM SEWER		PR STORM SEWER (WATER MAIN REQUIREMENTS)
	EX INLET		PR INLETS, TYPE A
	EX MANHOLE		PR MANHOLES, TYPE A, 4'-DIAMETER

NOTES:
1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.

2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.

3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

4. STORM SEWER BACKFLOW PREVENTER REQUIRED ON PIPE 4B. SEE SCHEDULE OF SEWER REPAIR AND APPLICABLE DETAIL.

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 7 [Sheet]
FILE NAME: G:\ORD_CONNECT\IDOTCADD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_DU-sht.dgn

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	DRAWN - AMK	REVISED -	
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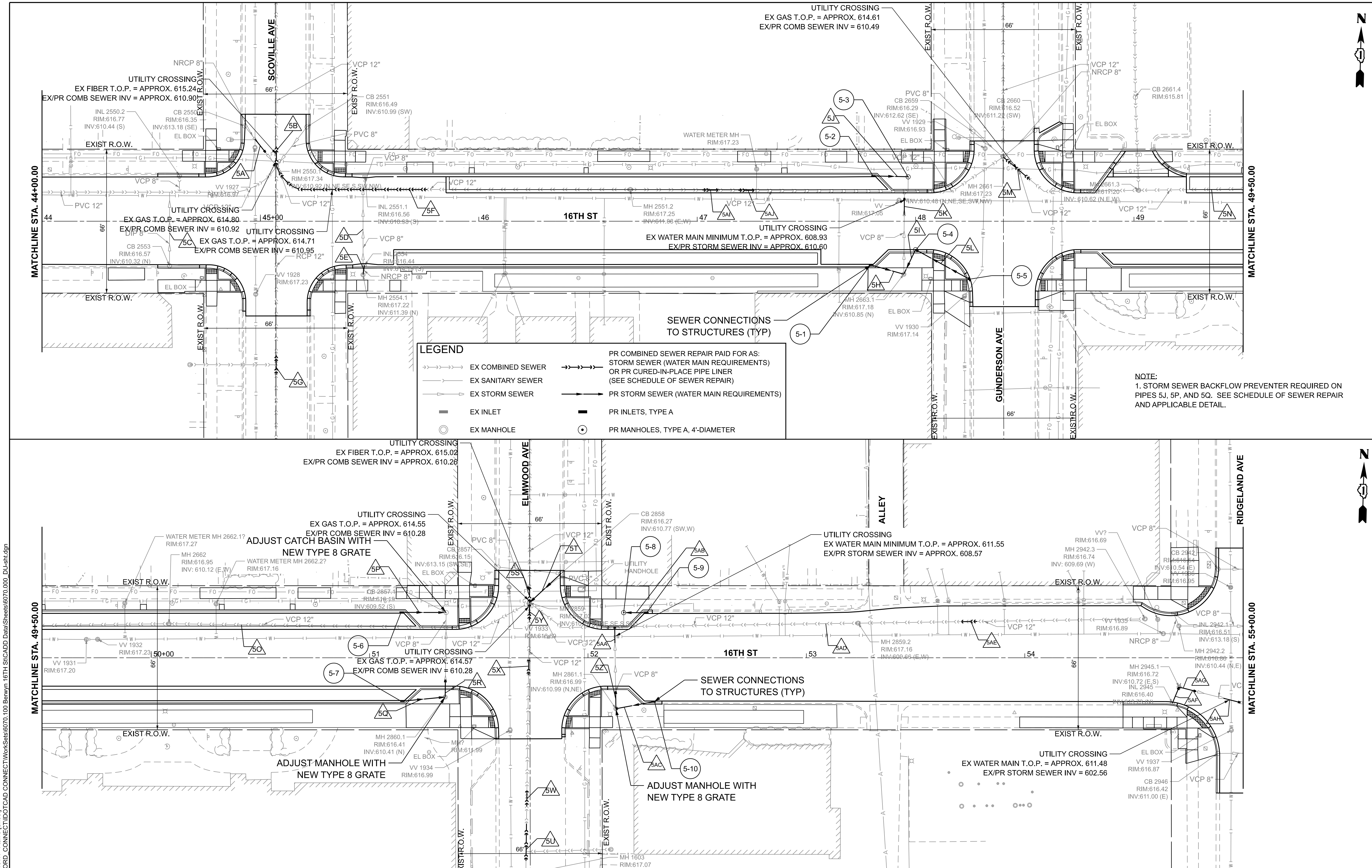
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 33+00.00 TO STA. 44+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	52
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		



GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 9 [Sheet]
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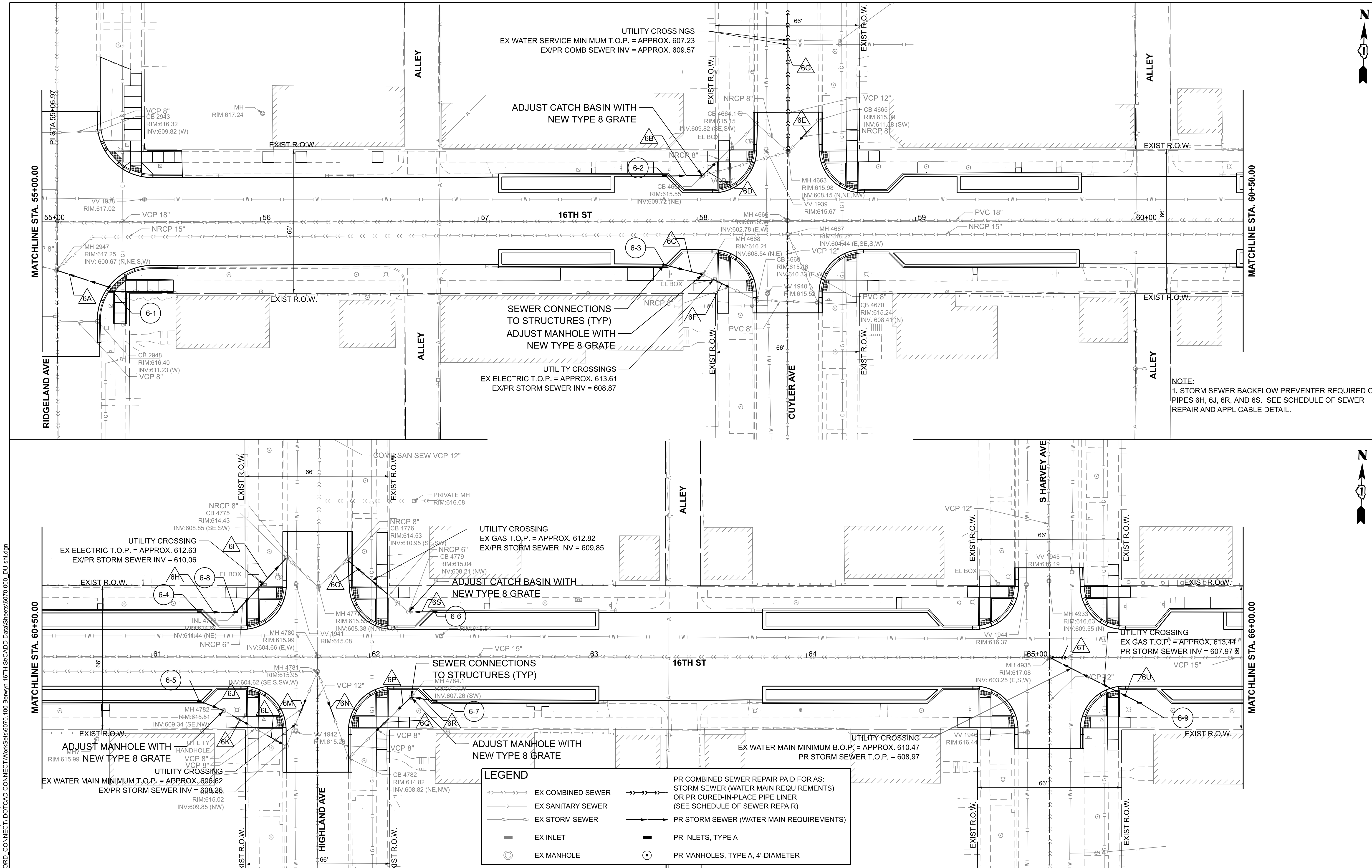
USER NAME	= mvasak	DESIGNED -	MJV	REVISED	-
		DRAWN -	AMK	REVISED	-
PLOT SCALE	= 0.083 ' / in.	CHECKED -	KLB	REVISED	-
PLOT DATE	= 02/11/2026	DATE -	02/11/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 44+00.00 TO STA. 55+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	53
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



LEGEND

EX COMBINED SEWER	PR COMBINED SEWER REPAIR PAID FOR AS: STORM SEWER (WATER MAIN REQUIREMENTS) OR PR CURED-IN-PLACE PIPE LINER (SEE SCHEDULE OF SEWER REPAIR)
EX SANITARY SEWER	
EX STORM SEWER	PR STORM SEWER (WATER MAIN REQUIREMENTS)
EX INLET	PR INLETS, TYPE A
EX MANHOLE	PR MANHOLES, TYPE A, 4'-DIAMETER

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 11 [Sheet]
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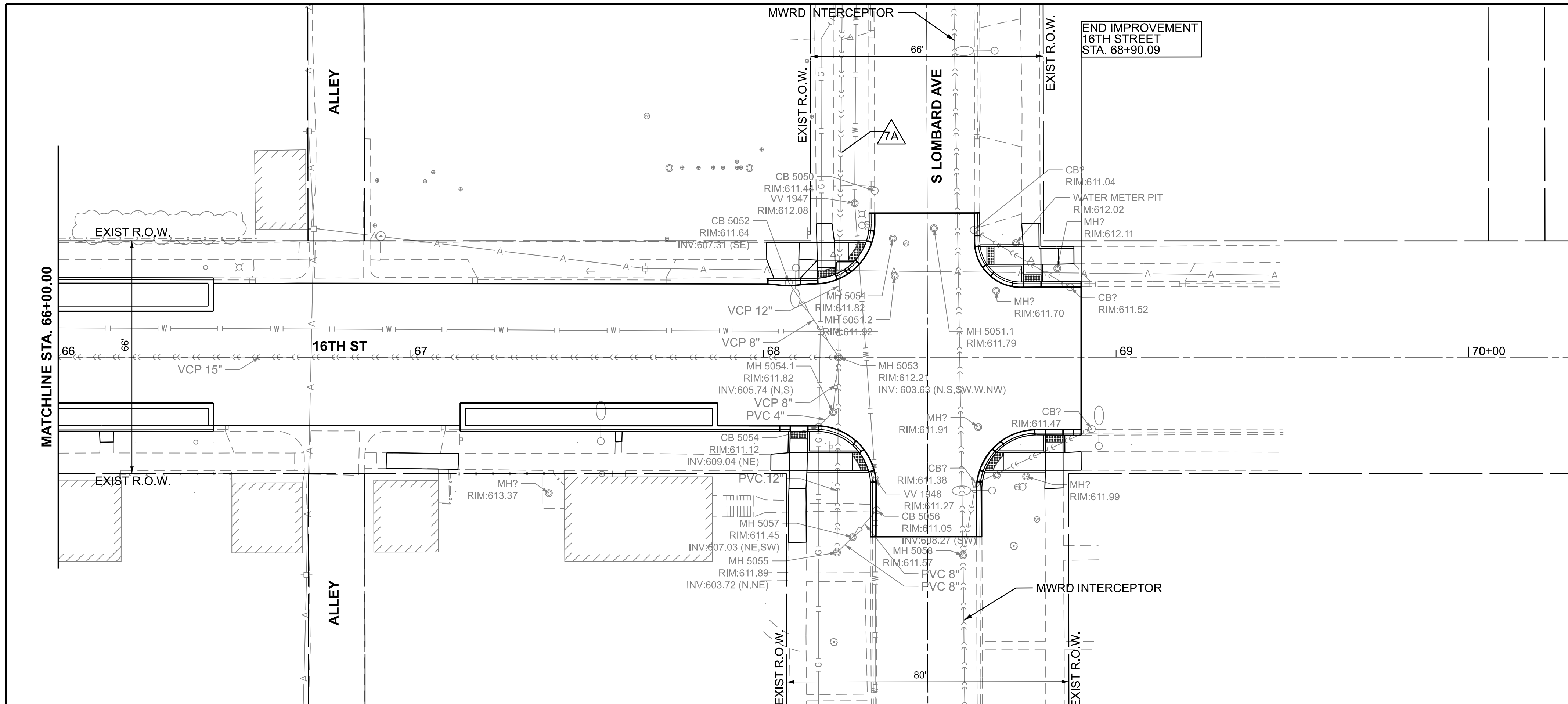
PLOT DATE	= 02/11/2026	DATE -	02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 6 OF 7 SHEETS | STA. 55+00.00 TO STA. 66+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	54
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.

2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.

3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

N

LEGEND

	EX COMBINED SEWER		PR COMBINED SEWER REPAIR PAID FOR AS: STORM SEWER (WATER MAIN REQUIREMENTS) OR PR CURED-IN-PLACE PIPE LINER (SEE SCHEDULE OF SEWER REPAIR)
	EX SANITARY SEWER		
	EX STORM SEWER		PR STORM SEWER (WATER MAIN REQUIREMENTS)
	EX INLET		PR INLETS, TYPE A
	EX MANHOLE		PR MANHOLES, TYPE A, 4'-DIAMETER

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 13 [Sheet]
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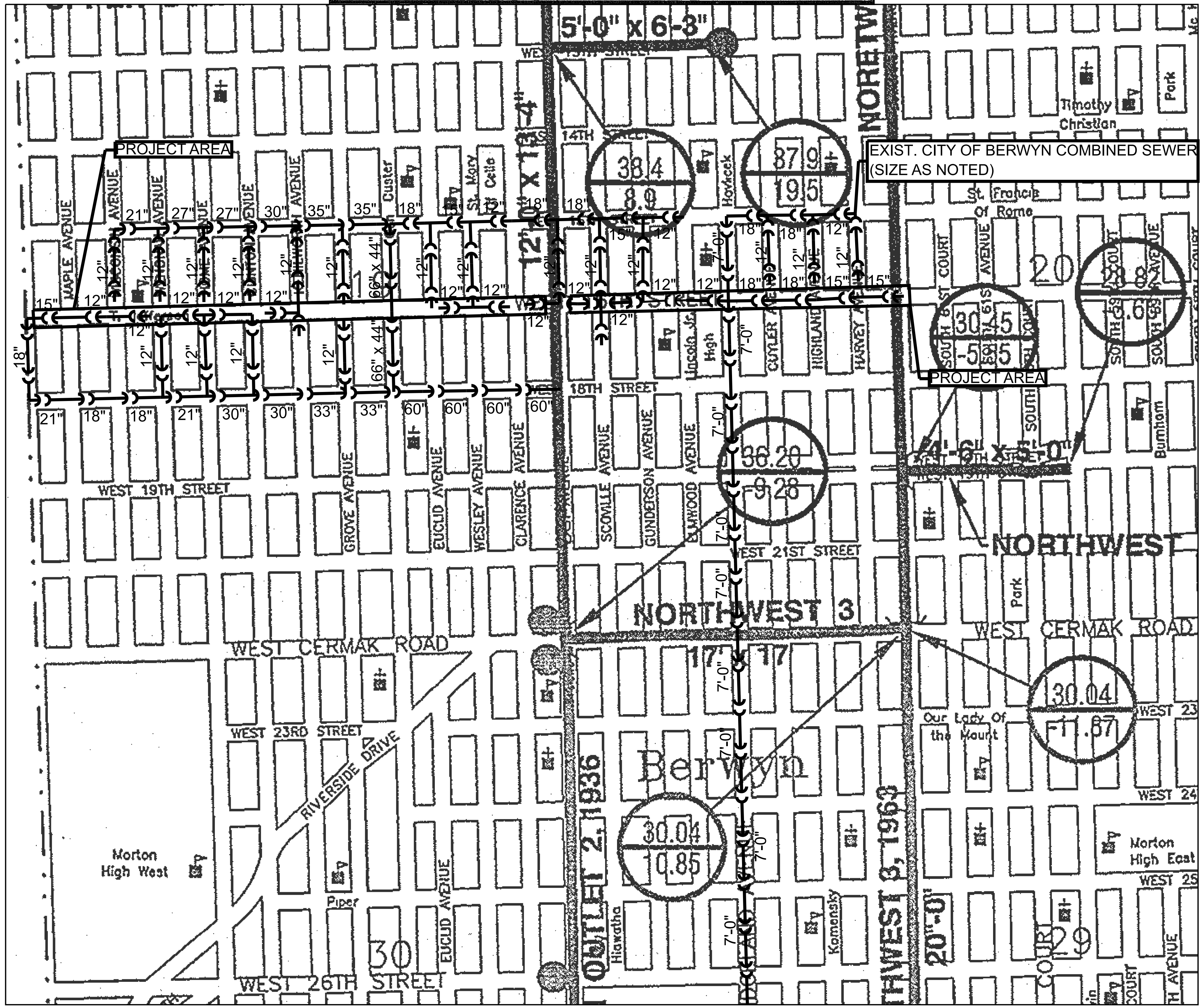
	DRAWN -	AMK	REVISED -		
PLOT SCALE = 0.083 ' / in.	CHECKED -	KLB	REVISED -		
PLOT DATE = 02/11/2026	DATE -	02/11/2026	REVISED -		

SCALE: 1"=20' | SHEET 7 OF 7 SHEETS | STA. 66+00.00 TO STA. 71+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	55
		CONTRACT NO. 61L54		

ILLINOIS | FED. AID PROJECT

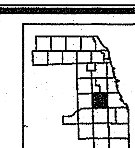
0 1/2 1
SCALE OF MILES



MATCHLINE AT 26TH STREET

15 Township 39 North Range 13 East
Cook County, Illinois

West Township
Oak Park Township
Berwyn Township
Cicero Township
South Township
Stickney Township



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

LOCATION OF INTERCEPTING SEWERS, PUMPING STATIONS, WATER RECLAMATION PLANTS AND BOUNDARIES.

5-1-2002

M.W.R.D. BOUNDARY
M.W.R.D. SEWERS
55.0 GROUND ELEVATION CCD
38.5 SEWER INVERT ELEVATION CCD

15

NOTE: SEE SHEET 2 FOR MAP SOUTH OF 26TH STREET

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Default
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_DU-detail-sht.dgn

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		DRAWN -	AMK	REVISED -
PLOT SCALE	= 20.000 ' / in.	CHECKED -	KLB	REVISED -
PLOT DATE	= 02/11/2026	DATE -	02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MWRD DETAILS AND SEWER ROUTING MAP
16TH STREET - BERWYN, IL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	56

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

0 1/2 1
SCALE OF MILES

MATCHLINE AT 26TH STREET

15 Township 39 North Range 13 East
Cook County, Illinois

West Township | Cicero Township
Oak Park Township | South Township
Berwyn Township | Stickney Township

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

LOCATION OF INTERCEPTING SEWERS, PUMPING STATIONS, WATER RECLAMATION PLANTS AND BOUNDARIES.

5-1-2002

M.W.R.D. BOUNDARY
M.W.R.D. SEWERS
55.0 GROUND ELEVATION CCD
38.5 SEWER INVERT ELEVATION CCD

15

NOTE: SEE SHEET 1 FOR MAP NORTH OF 26TH STREET

GEWALT HAMILTON ASSOCIATES, INC.

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PLOT SCALE = 20.000 ' / in.	CHECKED - KLB	REVISED -
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MWRD DETAILS AND SEWER ROUTING MAP
16TH STREET - BERWYN, IL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	57

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

MAPLE AVE

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	3+26.3	20.0' L	(618.44)
AB	3+26.3	21.5' L	618.88
AC	3+29.3	20.0' L	(618.43)
AD	3+29.3	21.0' L	618.38
AE	3+29.3	21.5' L	618.42
AF	3+29.3	22.2' L	618.42
AG	3+34.8	20.7' L	(618.39)
AH	3+34.5	21.7' L	618.34
AI	3+34.3	22.2' L	618.38
AJ	3+37.8	22.0' L	(618.38)
AK	3+37.1	23.4' L	618.57
AL	3+40	23.5' L	(618.35)
AM	3+39.1	24.7' L	618.54

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AN	3+42.4	25.7' L	(618.27)
AO	3+41.7	26.4' L	618.22
AP	3+41.3	26.8' L	618.26
AQ	3+45.9	31.8' L	(618.27)
AR	3+44.9	32.1' L	618.22
AS	3+44.4	32.2' L	618.26
AT	3+44.2	31.8' L	618.26
AU	3+41.3	31.8' L	618.26
AV	3+46.6	35.0' L	(618.17)
AW	3+45	35.2' L	618.61
AX	3+24.2	26.9' L	(618.86)
AY	3+24.4	31.8' L	(618.98)
AZ	3+29.3	26.8' L	618.68

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BA	3+29.2	31.8' L	618.75
BB	3+34.3	26.8' L	618.61
BC	3+34.2	31.8' L	618.68
BD	3+29.1	37.4' L	(618.97)
BE	3+34	37.4' L	(618.83)
BF	3+61.1	32.2' L	(618.72)
BG	3+61.2	26.2' L	(618.80)
DA	3+45.2	47.6' L	(618.51)
DB	3+46.7	47.6' L	(618.07)
DC	3+61	47.6' L	(618.75)
ZA	3+29.6	0.0'	(619.22)
ZB	3+34.6	0.0'	(619.23)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BH	3+75.3	34.9' L	(618.19)
BI	3+76.9	35.1' L	618.63
BJ	3+76	31.7' L	(618.34)
BK	3+77	32.0' L	618.29
BL	3+77.5	32.2' L	618.33
BM	3+77.7	31.7' L	618.33
BN	3+80.7	31.7' L	618.42
BO	3+79.6	25.6' L	(618.35)
BP	3+80.3	26.3' L	618.30
BQ	3+80.7	26.7' L	618.34
BR	3+82	23.4' L	(618.41)
BS	3+83	24.7' L	618.60

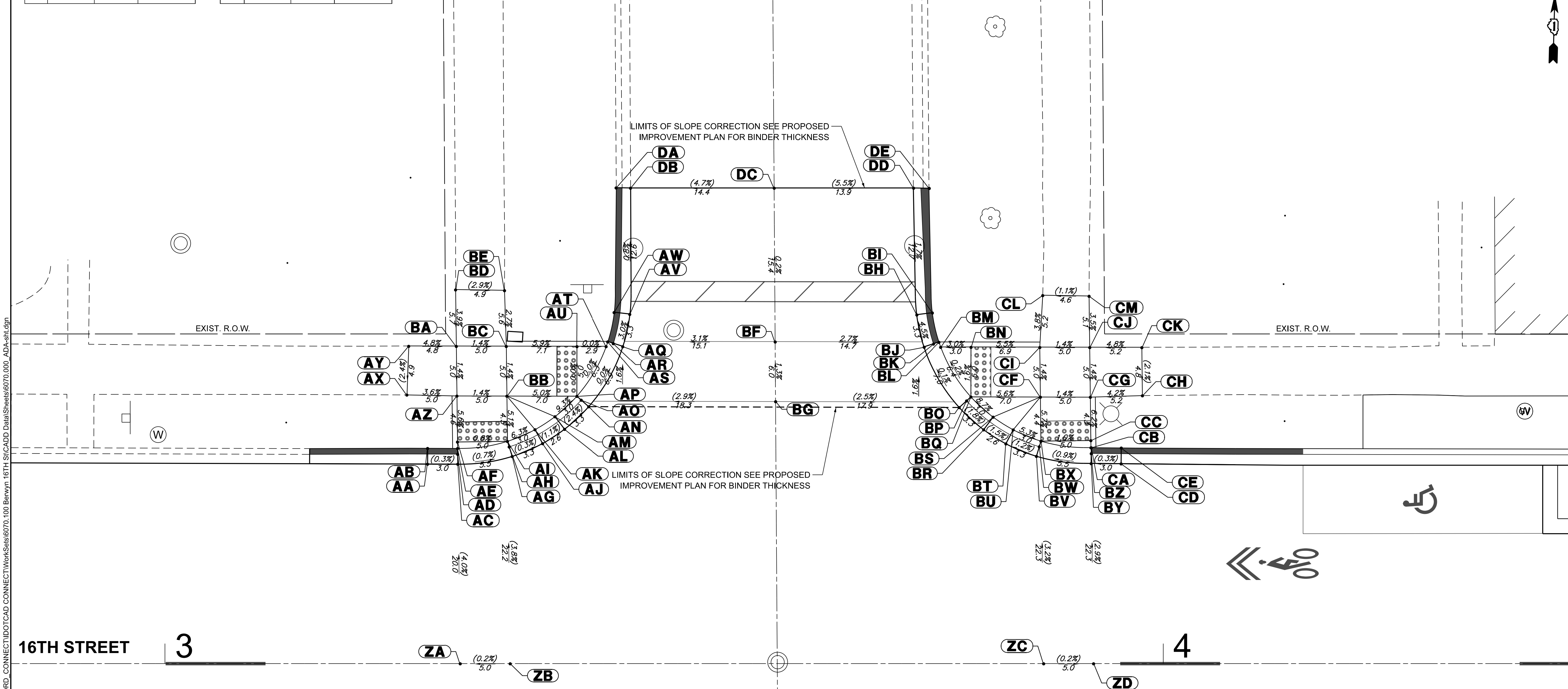
ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BT	3+84.2	22.0' L	(618.45)
BU	3+85	23.4' L	618.64
BV	3+87.3	20.8' L	(618.49)
BW	3+87.6	21.7' L	618.44
BX	3+87.7	22.3' L	618.48
BY	3+92.8	20.0' L	(618.54)
BZ	3+92.8	21.0' L	618.49
CA	3+92.8	21.6' L	618.53
CB	3+92.8	21.6' L	618.53
CC	3+92.7	22.3' L	618.53
CD	3+95.8	20.0' L	(618.55)
CE	3+95.8	21.6' L	618.99

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CF	3+87.7	26.7' L	618.73
CG	3+92.7	26.7' L	618.80
CH	3+97.9	26.8' L	(619.02)
CI	3+87.6	31.7' L	618.80
CJ	3+92.6	31.7' L	618.87
CK	3+97.9	31.7' L	(619.12)
CL	3+87.9	36.9' L	(619.00)
CM	3+92.6	36.8' L	(619.05)
DD	3+75	47.6' L	(617.98)
DE	3+76.5	47.6' L	(618.42)
ZC	3+88	0.0'	(619.19)
ZD	3+93	0.0'	(619.18)

N



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GHA GEWALT HAMILTON ASSOCIATES, INC.

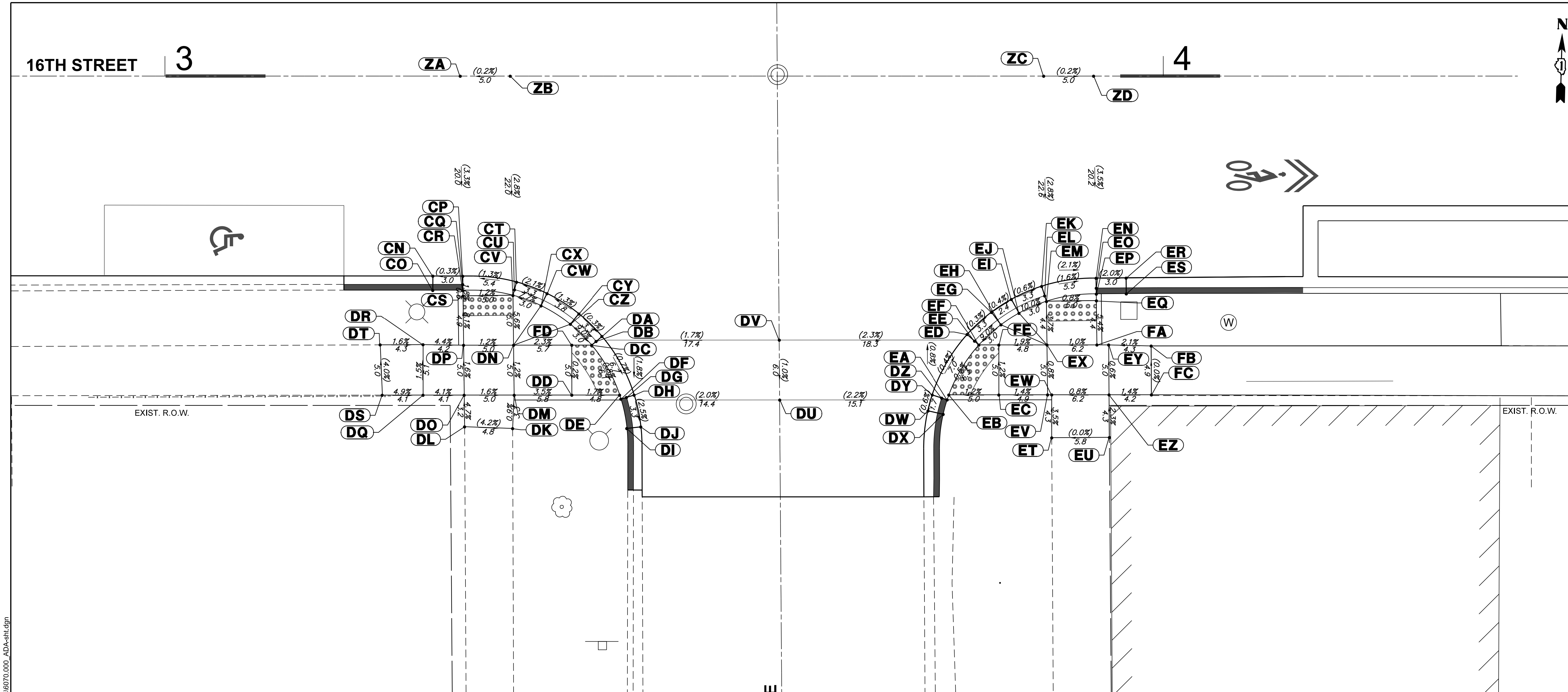
USER NAME = akopel	DESIGNED - MJV	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 1 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	58
		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CN	3+26.8	20.0' R	(618.54)
CO	3+26.8	21.5' R	618.98
CP	3+29.8	20.0' R	(618.55)
CQ	3+29.8	20.9' R	618.50
CR	3+29.8	21.4' R	618.54
CS	3+29.9	22.0' R	618.55
CT	3+35.2	20.6' R	(618.62)
CU	3+35	21.4' R	618.57
CV	3+34.9	22.0' R	618.61
CW	3+38.3	21.8' R	(618.69)
CX	3+37.7	23.0' R	618.84
CY	3+41.5	23.8' R	(618.74)
CZ	3+40.6	24.9' R	618.99

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	3+43.8	26.1' R	(618.73)
DB	3+43.2	26.6' R	618.68
DC	3+42.8	27.0' R	618.72
DD	3+40.8	32.0' R	618.75
DE	3+45.6	32.0' R	618.67
DF	3+45.7	32.4' R	618.67
DG	3+46.2	32.2' R	618.63
DH	3+47	32.0' R	(618.68)
DI	3+46.3	35.3' R	619.04
DJ	3+47.7	35.1' R	(618.60)
DK	3+34.8	35.3' R	(618.98)
DL	3+30	35.1' R	(619.18)
DM	3+35	32.0' R	618.95

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DN	3+34.9	27.0' R	(618.89)
DO	3+30	32.0' R	619.03
DP	3+29.9	27.0' R	618.95
DQ	3+25.9	32.0' R	619.20
DR	3+25.9	26.9' R	619.13
DS	3+21.8	32.0' R	(619.40)
DT	3+21.6	26.9' R	(619.20)
DU	3+61.6	32.4' R	(618.96)
DV	3+61.5	26.4' R	(619.02)
FD	3+40.8	27.0' R	618.76
ZA	3+29.6	0.0'	(619.22)
ZB	3+34.6	0.0'	(619.23)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DW	3+76.4	33.5' R	(618.62)
DX	3+78	33.9' R	619.06
DY	3+76.9	31.9' R	(618.63)
DZ	3+77.8	32.3' R	618.58
EA	3+78.4	32.4' R	618.62
EB	3+78.5	31.9' R	618.62
EC	3+83.5	31.9' R	618.68
ED	3+80.4	25.9' R	(618.60)
EE	3+81.1	26.6' R	618.55
EF	3+81.5	26.9' R	618.59
EG	3+82.8	23.7' R	(618.59)
EH	3+83.7	24.9' R	618.86

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EI	3+84.8	22.4' R	(618.58)
EJ	3+85.5	23.7' R	618.85
EK	3+87.8	21.1' R	(618.56)
EL	3+88.1	22.0' R	618.51
EM	3+88.3	22.6' R	618.55
EN	3+93.3	20.2' R	(618.47)
EO	3+93.3	21.2' R	618.46
EP	3+93.3	21.8' R	618.50
EQ	3+93.3	22.5' R	618.51
ER	3+96.3	20.2' R	(618.41)
ES	3+96.3	21.8' R	618.85
ET	3+88.8	36.2' R	(618.90)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EU	3+94.6	36.2' R	(618.90)
EV	3+88.4	31.9' R	618.75
EW	3+88.8	31.9' R	618.75
EX	3+88.4	26.9' R	618.71
EY	3+94.5	26.9' R	618.77
EZ	3+94.6	31.9' R	618.80
FA	3+93.4	26.9' R	(618.75)
FB	3+98.8	27.0' R	(618.86)
FC	3+98.8	31.9' R	(618.86)
FE	3+83.5	26.9' R	618.62
ZC	3+88	0.0'	(619.19)
ZD	3+93	0.0'	(619.18)

GHA GEWALT HAMILTON ASSOCIATES, INC.

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	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 2 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	59
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	6+79.7	27.0' L	(618.59)
AB	6+79.8	31.9' L	(618.66)
AC	6+83.7	26.9' L	618.41
AD	6+83.7	31.9' L	618.48
AE	6+83.7	37.1' L	(618.69)
AF	6+88.7	26.9' L	618.34
AG	6+88.7	31.9' L	618.41
AH	6+88.7	37.1' L	(618.54)
AI	6+80.5	14.6' L	619.12
AJ	6+80.5	13.0' L	(618.68)
AK	6+83.6	17.5' L	618.63
AL	6+83.6	14.6' L	618.68
AM	6+83.5	14.6' L	618.68
AN	6+83.5	14.0' L	618.64

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AO	6+83.5	13.0' L	(618.69)
AP	6+88.6	15.5' L	618.64
AQ	6+88.7	14.9' L	618.60
AR	6+89	13.9' L	(618.65)
AS	6+91.3	16.6' L	619.04
AT	6+92.1	15.1' L	(618.60)
AU	6+99	24.1' L	618.82
AV	7+00.5	23.3' L	(618.38)
AW	7+00.2	26.9' L	618.30
AX	7+00.7	26.7' L	618.26
AY	7+01.9	26.3' L	(618.31)
AZ	6+98.2	31.9' L	618.28
BA	7+01.2	31.9' L	618.24
BB	7+01.2	32.0' L	618.24

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BC	7+01.8	31.9' L	618.20
BD	7+03	31.9' L	618.25
BE	7+01.2	35.0' L	618.69
BF	7+03.1	35.0' L	618.05
BG	7+15.4	32.4' L	(618.48)
BH	7+15.4	26.4' L	(618.56)
DA	7+01.2	43.2' L	(618.23)
DB	7+03	43.2' L	(617.79)
DC	7+15.4	43.2' L	(618.56)
DD	6+88.6	17.5' L	618.60
DE	6+98.2	26.9' L	618.31
ZA	6+82.9	0.0'	(618.96)
ZB	6+88.9	0.0'	(618.99)

ADA GRADING TABLE

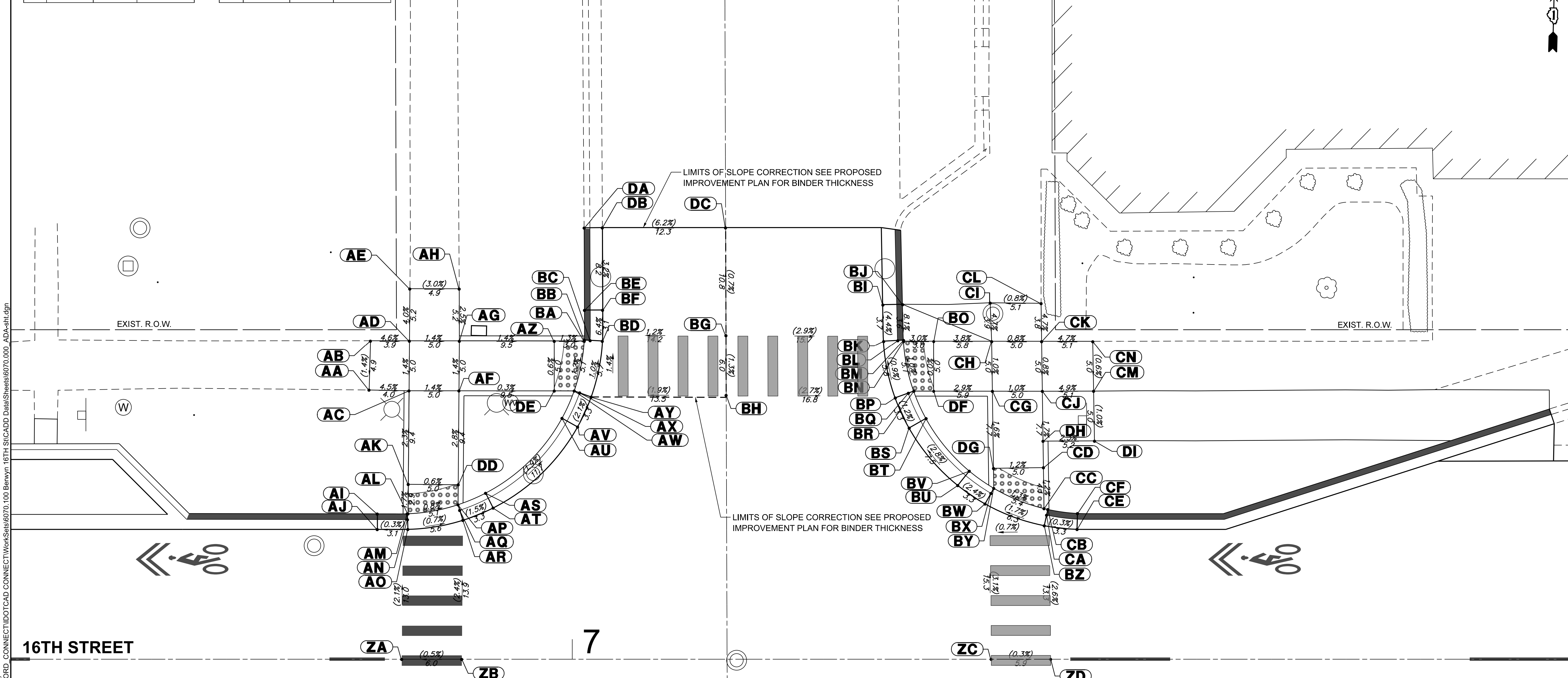
	STATION	OFFSET	ELEVATION
BI	7+31.1	35.5' L	(617.89)
BJ	7+33.1	35.5' L	618.33
BK	7+31.2	31.9' L	(618.05)
BL	7+32.6	31.9' L	618.00
BM	7+33.2	32.0' L	618.04
BN	7+33.2	31.9' L	618.04
BO	7+36.2	31.8' L	618.13
BP	7+32.3	26.2' L	(618.10)
BQ	7+33.6	26.7' L	618.05
BR	7+34.2	26.9' L	618.09
BS	7+33.7	23.2' L	(618.14)
BT	7+35.4	24.1' L	618.58
BU	7+38.6	17.4' L	(618.35)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BV	7+39.8	18.8' L	618.79
BW	7+41.3	15.6' L	(618.43)
BX	7+41.9	16.6' L	618.42
BY	7+42.2	17.1' L	618.46
BZ	7+47.3	13.4' L	(618.54)
CA	7+47.5	14.4' L	(618.49)
CB	7+47.6	15.0' L	618.53
CC	7+47.3	15.1' L	618.53
CD	7+47.2	19.2' L	618.48
CE	7+50.6	13.0' L	(618.55)
CF	7+50.6	14.6' L	618.99
CG	7+42.1	26.8' L	618.30
CH	7+42	31.8' L	618.35

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CI	7+41.9	35.7' L	(618.53)
CJ	7+47.1	26.8' L	618.35
CK	7+47	31.8' L	618.39
CL	7+47	35.6' L	(618.57)
CM	7+52.2	26.9' L	(618.60)
CN	7+52.1	31.8' L	(618.63)
DF	7+36.2	26.8' L	618.13
DG	7+42.2	19.1' L	618.42
DH	7+47.2	21.8' L	618.43
DI	7+52.3	21.9' L	(618.55)
ZC	7+42	0.0'	(618.91)
ZD	7+47.9	0.0'	(618.89)



GEWALT HAMILTON ASSOCIATES, INC.

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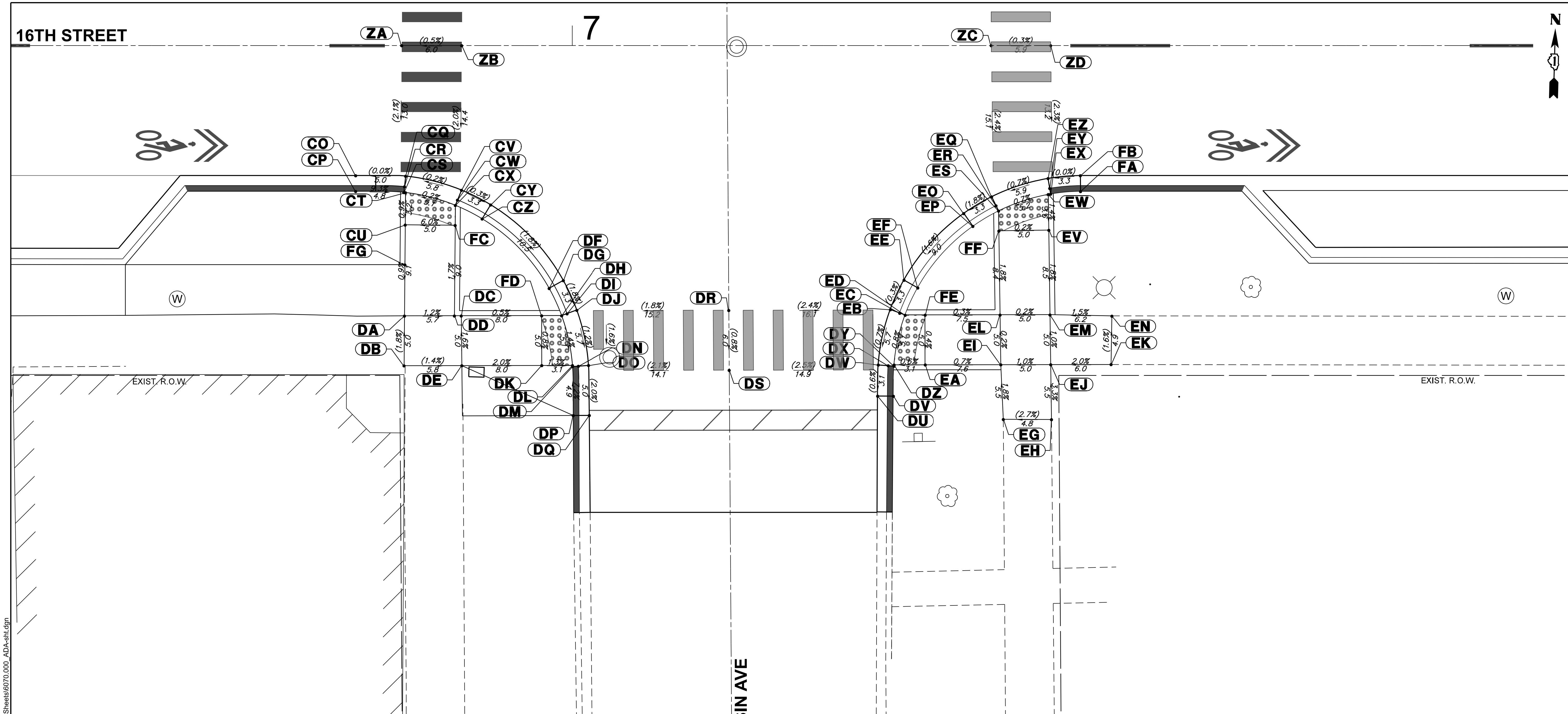
	DRAWN - AMK	REVISED -			
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -			
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -		SCALE: 1"=5' SHEET 3 OF 37 SHEETS STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	60
		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CO	6+78.3	13.0' R	(618.69)
CP	6+78.3	14.6' R	619.13
CQ	6+83.3	13.1' R	(618.69)
CR	6+83.2	14.1' R	618.64
CS	6+83.1	14.7' R	618.68
CT	6+83.3	14.7' R	618.68
CU	6+83.3	17.9' R	618.65
CV	6+88.9	14.5' R	(618.70)
CW	6+88.5	15.4' R	618.65
CX	6+88.3	16.0' R	618.69
CY	6+91.8	15.9' R	(618.71)
CZ	6+91	17.3' R	619.15

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	6+83.2	27.0' R	(618.57)
DB	6+83.2	32.0' R	(618.66)
DC	6+88.9	27.0' R	618.50
DD	6+88.2	27.0' R	618.50
DE	6+88.9	32.0' R	(618.58)
DF	6+97.7	24.3' R	619.06
DG	6+99.1	23.5' R	(618.52)
DH	6+98.9	27.0' R	618.45
DI	6+99.5	26.8' R	618.41
DJ	7+00.5	26.5' R	(618.46)
DK	6+96.9	32.0' R	618.42
DL	7+00	32.0' R	618.38

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DM	7+00	32.1' R	618.38
DN	7+00.6	32.1' R	618.34
DO	7+01.6	32.0' R	(618.39)
DP	7+00.1	37.0' R	618.73
DQ	7+01.7	37.0' R	(618.29)
DR	7+15.7	26.5' R	(618.73)
DS	7+15.7	32.5' R	(618.68)
FC	6+88.3	18.0' R	618.35
FD	6+96.9	27.0' R	618.46
FG	6+83.2	21.9' R	618.62
ZA	6+82.9	0.0'	(618.96)
ZB	6+88.9	0.0'	(618.99)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DU	7+30.6	35.1' R	(618.29)
DV	7+32.1	35.1' R	618.73
DW	7+30.6	32.0' R	(618.31)
DX	7+31.6	32.0' R	618.26
DY	7+32.2	32.1' R	618.30
DZ	7+32.2	31.9' R	618.30
EA	7+35.3	31.9' R	618.32
EB	7+31.8	26.4' R	(618.35)
EC	7+32.8	26.7' R	618.30
ED	7+33.3	26.9' R	618.34
EE	7+33.2	23.5' R	(618.34)
EF	7+34.6	24.2' R	618.78

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EG	7+43.2	37.4' R	(618.47)
EH	7+48	37.4' R	(618.60)
EI	7+42.9	31.9' R	618.37
EJ	7+47.9	31.9' R	618.42
EK	7+54	31.9' R	(618.54)
EL	7+42.9	26.9' R	618.36
EM	7+47.9	26.9' R	618.37
EN	7+54.1	27.0' R	(618.46)
EO	7+39.2	16.8' R	(618.48)
EP	7+40.1	18.1' R	618.92
EQ	7+42	15.1' R	(618.54)
ER	7+42.4	16.0' R	618.49

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
ES	7+42.7	16.5' R	618.53
EV	7+47.7	18.5' R	618.52
EW	7+47.7	14.9' R	618.57
EX	7+47.9	14.8' R	618.57
EY	7+47.8	14.3' R	618.53
EZ	7+47.7	13.3' R	(618.58)
FA	7+50.9	14.6' R	619.02
FB	7+50.9	13.0' R	(618.58)
FE	7+35.3	26.9' R	618.34
FF	7+42.7	18.5' R	618.51
ZC	7+42	0.0'	(618.91)
ZD	7+47.9	0.0'	(618.89)

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (2-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CAD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 4 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	61

CONTRACT NO. 61L54

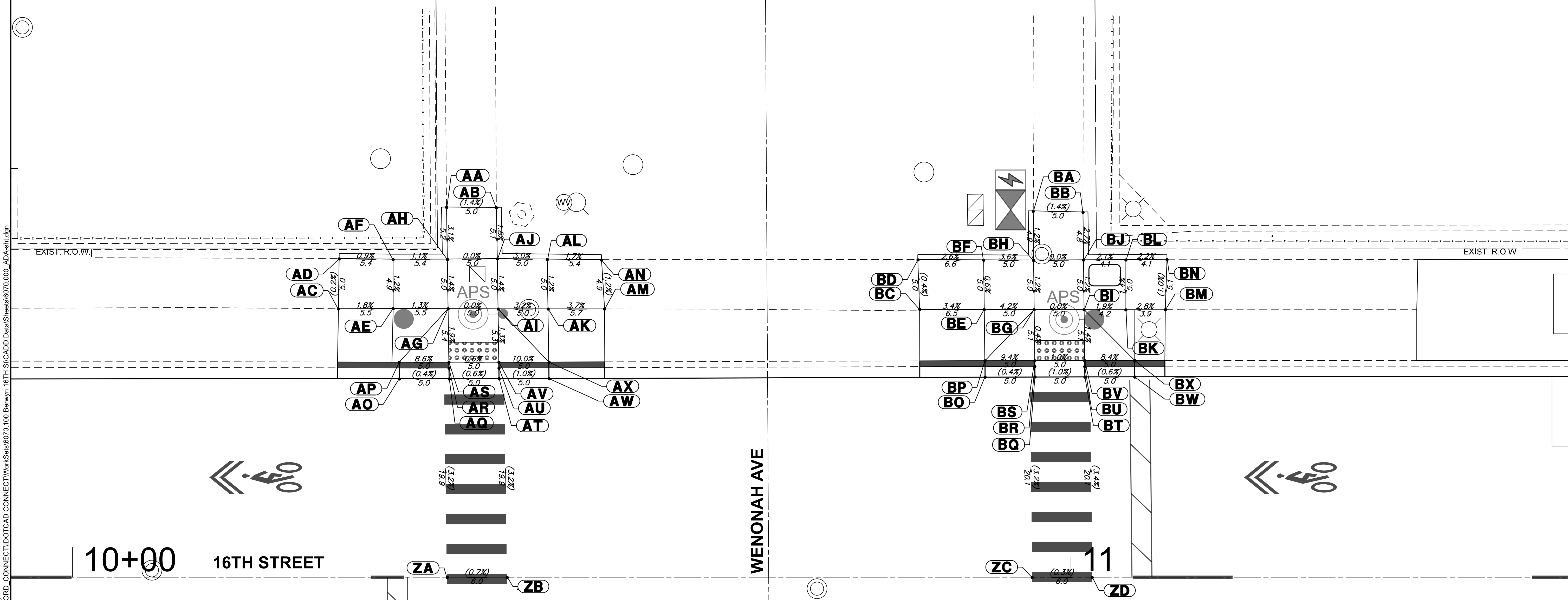
ILLINOIS | FED. AID PROJECT

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	10+37.5	37.1' L	(618.37)
AB	10+42.4	37.1' L	(618.30)
AC	10+26.6	26.9' L	(618.31)
AD	10+26.7	31.9' L	(618.32)
AE	10+32.1	26.9' L	618.21
AF	10+32.1	31.9' L	618.27
AG	10+37.6	26.9' L	618.14
AH	10+37.5	31.9' L	618.21
AI	10+42.6	26.9' L	618.14
AJ	10+42.5	31.9' L	618.21
AK	10+47.6	26.9' L	618.30
AL	10+47.5	31.9' L	618.36
AM	10+53.3	26.9' L	(618.51)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AN	10+53	31.8' L	(618.45)
AO	10+32.7	19.9' L	(618.03)
AP	10+32.7	21.6' L	618.47
AQ	10+37.7	19.9' L	(618.05)
AR	10+37.7	21.0' L	618.00
AS	10+37.7	21.6' L	618.04
AT	10+42.7	19.9' L	(618.08)
AU	10+42.7	21.0' L	618.03
AV	10+42.7	21.6' L	618.07
AW	10+47.7	19.9' L	(618.13)
AX	10+47.7	21.6' L	618.57
ZA	10+37.5	0.0'	(618.69)
ZB	10+43.5	0.0'	(618.73)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BA	10+96.2	36.7' L	(618.18)
BB	11+01.2	36.6' L	(618.25)
BC	10+84.8	26.8' L	(618.49)
BD	10+84.7	31.8' L	(618.47)
BE	10+91.3	26.8' L	618.27
BF	10+91.3	31.8' L	618.30
BG	10+96.3	26.8' L	618.06
BH	10+96.3	31.8' L	618.12
BI	11+01.3	26.8' L	618.06
BJ	11+01.3	31.8' L	618.12
BK	11+05.5	26.8' L	618.14
BL	11+05.5	31.8' L	618.21
BM	11+09.4	26.8' L	(618.25)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BN	11+09.6	31.9' L	(618.30)
BO	10+91.4	20.1' L	(618.07)
BP	10+91.4	21.7' L	618.51
BQ	10+96.4	20.1' L	(618.05)
BR	10+96.4	21.1' L	618.00
BS	10+96.4	21.7' L	618.04
BT	11+01.4	20.1' L	(618.00)
BU	11+01.4	21.1' L	617.95
BV	11+01.4	21.7' L	617.99
BW	11+06.4	20.1' L	(617.97)
BX	11+06.4	21.7' L	618.41
ZC	10+96.1	0.0'	(618.70)
ZD	11+02.1	0.0'	(618.68)



USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 5 OF 37 SHEETS STA. TO STA.

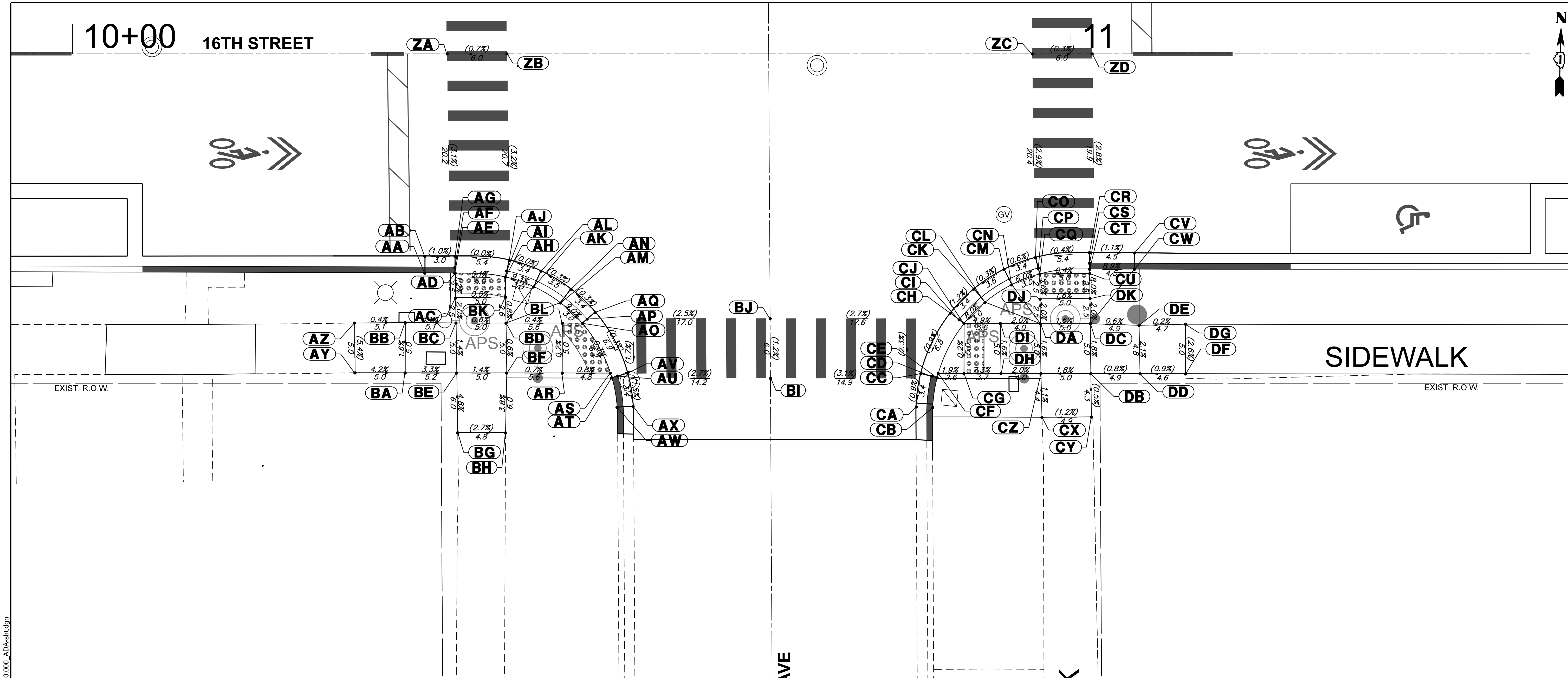
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	62

CONTRACT NO. 61L54

ILLINOIS FED. AID PROJECT

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (3)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	10+35.3	21.9' R	618.47
AB	10+35.3	20.2' R	(618.03)
AC	10+38.4	24.4' R	618.08
AD	10+38.3	22.0' R	618.05
AE	10+38.3	22.0' R	618.05
AF	10+38.3	21.4' R	618.01
AG	10+38.3	20.2' R	(618.06)
AH	10+43.3	22.3' R	618.05
AI	10+43.5	21.7' R	618.01
AJ	10+43.7	20.6' R	(618.06)
AK	10+46.2	23.3' R	618.33
AL	10+46.9	21.7' R	(618.06)
AM	10+48.9	24.9' R	618.34
AN	10+49.9	23.5' R	(618.07)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AO	10+51	27.0' R	618.07
AP	10+51.5	26.6' R	618.03
AQ	10+52.4	25.9' R	(618.08)
AR	10+49	32.0' R	618.09
AS	10+53.9	32.0' R	618.05
AT	10+54	32.4' R	618.05
AU	10+54.6	32.3' R	618.01
AV	10+55.6	32.0' R	(618.06)
AW	10+54.6	35.4' R	618.45
AX	10+56.2	35.3' R	(618.01)
AY	10+28.3	32.0' R	(618.58)
AZ	10+28.2	27.0' R	(618.31)
BA	10+33.3	32.0' R	618.37
BB	10+33.3	26.9' R	618.29

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BC	10+38.4	27.0' R	618.13
BD	10+43.4	27.0' R	618.10
BE	10+38.5	32.0' R	618.20
BF	10+43.5	32.0' R	618.13
BG	10+38.6	37.9' R	(618.49)
BH	10+43.4	38.0' R	(618.36)
BI	10+69.9	32.5' R	(618.44)
BJ	10+69.9	26.5' R	(618.51)
BK	10+43.4	24.3' R	618.08
BL	10+49	27.0' R	618.08
ZA	10+37.5	0.0'	(618.69)
ZB	10+43.5	0.0'	(618.73)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	10+84.5	35.4' R	(617.95)
CB	10+86.1	35.4' R	618.39
CC	10+84.9	32.0' R	(617.98)
CD	10+86	32.3' R	617.93
CE	10+86.6	32.4' R	617.97
CF	10+86.7	32.0' R	617.97
CG	10+89.3	32.0' R	618.02
CH	10+87.9	25.9' R	(618.04)
CI	10+88.8	26.6' R	617.99
CJ	10+89.3	27.0' R	618.03
CK	10+90.3	23.5' R	(618.08)
CL	10+91.4	24.9' R	618.27
CM	10+93.3	21.6' R	(618.09)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CN	10+94.1	23.1' R	618.28
CO	10+96.4	20.4' R	(618.11)
CP	10+96.7	21.5' R	618.06
CQ	10+96.9	22.0' R	618.10
CR	11+01.9	19.9' R	(618.13)
CS	11+01.9	21.0' R	618.08
CT	11+01.9	21.6' R	618.12
CU	11+01.9	22.0' R	618.12
CV	11+06.4	19.9' R	(618.08)
CW	11+06.3	21.6' R	618.52
CX	10+97.1	36.4' R	(618.42)
CY	11+02	36.4' R	(618.48)
CZ	10+97	32.0' R	618.37

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	10+96.9	27.0' R	618.29
DB	11+02	32.0' R	(618.46)
DC	11+01.9	27.0' R	618.37
DD	11+06.9	32.0' R	618.50
DE	11+06.8	27.2' R	618.40
DF	11+11.5	32.0' R	(618.54)
DG	11+11.5	27.1' R	(618.41)
DH	10+93	32.0' R	618.29
DI	10+92.9	27.0' R	618.21
DJ	10+96.9	24.5' R	618.24
DK	11+01.9	24.5' R	618.32
ZC	10+96.1	0.0'	(618.70)
ZD	11+02.1	0.0'	(618.68)

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (3-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 6 OF 37 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	63

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AA	13+85.4	26.9' L	(618.57)
AB	13+85.5	32.0' L	(618.59)
AC	13+92.3	27.0' L	618.33
AD	13+97.3	27.0' L	618.26
AE	13+92.3	32.0' L	(618.42)
AF	13+97.3	32.0' L	618.33
AG	13+92.3	37.0' L	(618.47)
AH	13+97.3	36.9' L	(618.35)
AI	13+89.1	14.6' L	618.86
AJ	13+89.1	13.0' L	(618.42)
AK	13+92.3	14.7' L	618.40
AL	13+92.3	18.2' L	618.38
AM	13+92.1	14.7' L	618.40
AN	13+92.1	14.1' L	618.36
AO	13+92.3	13.1' L	(618.41)

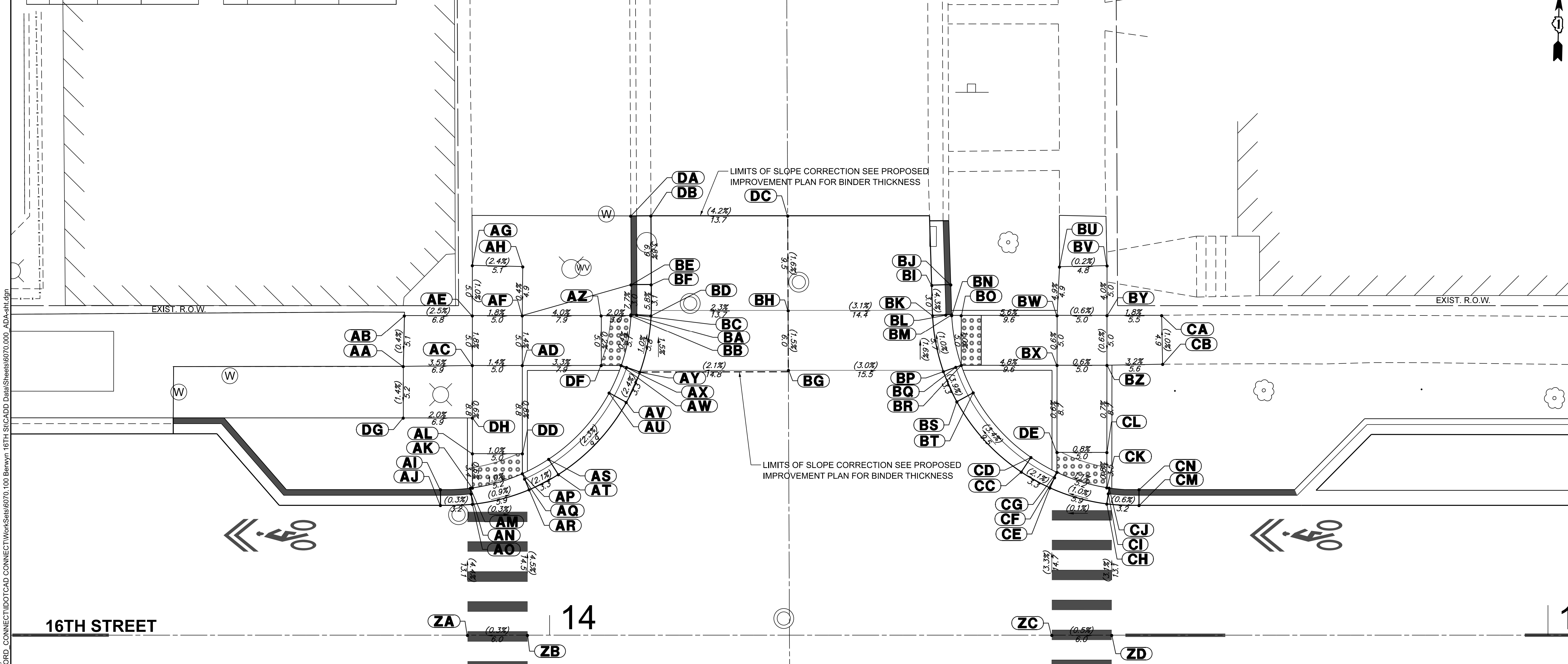
	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AP	13+97.3	16.2' L	618.35
AQ	13+97.5	15.6' L	618.31
AR	13+98	14.6' L	(618.36)
AS	13+99.9	17.6' L	618.73
AT	14+00.9	16.1' L	(618.29)
AU	14+06	24.3' L	618.50
AV	14+07.7	23.3' L	(618.06)
AW	14+07.2	27.0' L	617.97
AX	14+07.7	26.8' L	617.93
AY	14+09.1	26.4' L	(617.98)
AZ	14+05.2	32.0' L	618.01
BA	14+08.2	32.1' L	617.95
BB	14+08.2	32.0' L	617.95
BC	14+08.7	32.1' L	617.91
BD	14+10.2	32.0' L	617.92

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BE	14+08.2	35.1' L	618.18
BF	14+10.2	35.1' L	617.74
BG	14+23.9	26.5' L	(618.29)
BH	14+23.9	32.5' L	(618.20)
DA	14+08.1	42.0' L	(617.92)
DB	14+10.2	42.0' L	(617.48)
DC	14+23.8	42.0' L	(618.05)
DD	13+97.3	18.2' L	618.33
DF	14+05.2	27.0' L	618.00
DG	13+85.4	21.8' L	(618.50)
DH	13+92.3	21.8' L	618.36
ZA	13+91.8	0.0'	(618.99)
ZB	13+97.8	0.0'	(619.01)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BI	14+38.3	35.1' L	(617.64)
BJ	14+40.2	35.1' L	618.08
BK	14+38.4	32.0' L	(617.77)
BL	14+39.7	32.1' L	617.72
BM	14+40.3	32.1' L	617.76
BN	14+40.3	32.0' L	617.76
BO	14+41.2	32.0' L	617.77
BP	14+39.4	26.4' L	(617.83)
BQ	14+40.7	26.8' L	617.78
BR	14+41.2	27.0' L	617.82
BS	14+40.8	23.4' L	(617.96)
BT	14+42.4	24.3' L	618.40

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BU	14+51.1	36.9' L	(618.55)
BV	14+55.8	37.0' L	(618.54)
BW	14+50.8	32.0' L	618.31
BX	14+50.8	27.0' L	618.28
BY	14+55.8	32.0' L	618.34
BZ	14+55.8	27.0' L	618.31
CA	14+61.3	32.0' L	(618.44)
CB	14+61.4	27.1' L	(618.49)
CC	14+47.2	16.3' L	(618.28)
CD	14+48.2	17.8' L	618.72
CE	14+50.1	14.8' L	(618.35)
CF	14+50.6	15.8' L	618.30

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CG	14+50.8	16.3' L	618.34
CH	14+55.8	13.1' L	(618.41)
CI	14+56	14.2' L	618.36
CJ	14+56	14.7' L	618.40
CK	14+55.8	14.8' L	618.40
CL	14+55.8	18.3' L	618.37
CM	14+59	13.0' L	(618.39)
CN	14+59	14.6' L	618.83
DE	14+50.8	18.3' L	618.33
ZC	14+50.3	0.0'	(618.84)
ZD	14+56.3	0.0'	(618.81)



GHA GEWALT HAMILTON ASSOCIATES, INC.

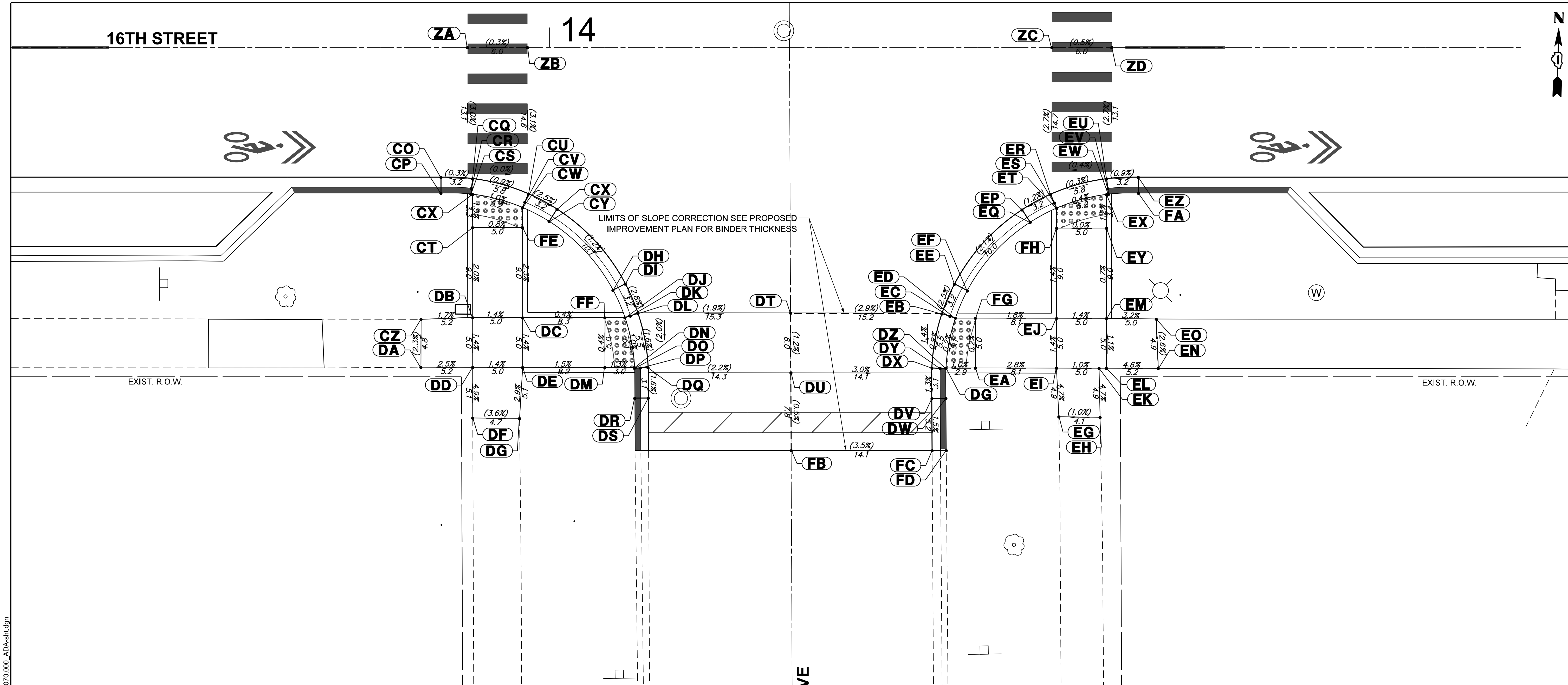
MODEL: ADA (4)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS
	DRAWN - AMK	REVISED -	DEPARTMENT OF TRANSPORTATION
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 7 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	64
		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CO	13+89.1	13.0' R	(618.59)
CP	13+89.1	14.6' R	619.03
CQ	13+92.3	13.1' R	(618.60)
CR	13+92.2	14.1' R	618.55
CS	13+92.1	14.7' R	618.59
CT	13+92.3	18.0' R	618.54
CU	13+97.9	14.7' R	(618.55)
CV	13+97.5	15.5' R	618.50
CW	13+97.3	16.0' R	618.54
CX	13+92.3	14.7' R	618.59
CX	14+00.7	16.2' R	(618.47)
CY	14+00	17.4' R	618.91
CZ	13+87.1	27.2' R	(618.45)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	13+87.1	32.0' R	(618.56)
DB	13+92.3	27.0' R	618.36
DC	13+97.3	27.1' R	618.29
DD	13+92.3	32.0' R	618.43
DE	13+97.3	32.1' R	618.36
DF	13+92.3	37.1' R	(618.68)
DG	13+97	37.2' R	(618.51)
DH	14+06.4	24.3' R	618.79
DI	14+07.6	23.7' R	(618.35)
DJ	14+07.6	27.1' R	618.25
DK	14+08.1	26.9' R	618.21
DL	14+08.9	26.6' R	(618.26)
DM	14+05.6	32.1' R	618.24

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DN	14+08.5	32.1' R	618.20
DO	14+08.5	32.1' R	618.20
DP	14+09.1	32.1' R	618.16
DQ	14+09.9	32.1' R	(618.17)
DR	14+08.5	35.1' R	618.56
DS	14+09.9	35.1' R	(618.12)
DT	14+24.1	26.6' R	(618.55)
DU	14+24.2	32.6' R	(618.48)
FB	14+24.2	40.4' R	(618.44)
FE	13+97.3	18.0' R	618.50
FF	14+05.6	27.1' R	618.26
ZA	13+91.8	0.0'	(618.99)
ZB	13+97.8	0.0'	(619.01)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DG	14+39.7	32.1' R	618.09
DV	14+38.3	35.2' R	(618.02)
DW	14+39.7	35.2' R	618.46
DX	14+38.3	32.1' R	(618.06)
DY	14+39.1	32.1' R	618.05
DZ	14+39.7	32.2' R	618.09
EA	14+42.6	32.1' R	618.12
EB	14+39.3	26.7' R	(618.11)
EC	14+40.1	26.9' R	618.06
ED	14+40.7	27.1' R	618.10
EE	14+40.6	23.7' R	(618.19)
EF	14+41.8	24.4' R	618.63
EG	14+51	37.0' R	(618.58)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EH	14+55.1	37.1' R	(618.62)
EI	14+50.8	32.1' R	618.35
EJ	14+50.8	27.1' R	618.28
EK	14+55	32.1' R	618.39
EL	14+55.8	32.1' R	618.40
EM	14+55.8	27.1' R	618.35
EN	14+61	32.1' R	(618.64)
EO	14+60.8	27.2' R	(618.51)
EP	14+47.3	16.3' R	(618.40)
EQ	14+48.1	17.5' R	618.84
ER	14+50.2	14.7' R	(618.44)
ES	14+50.6	15.6' R	618.39
ET	14+50.8	16.1' R	618.43

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EU	14+55.8	13.2' R	(618.46)
EV	14+55.9	14.1' R	618.41
EW	14+56	14.7' R	618.45
EX	14+55.8	14.7' R	618.45
EY	14+55.8	18.1' R	618.41
EZ	14+59	13.0' R	(618.43)
FA	14+59	14.6' R	618.87
FC	14+38.3	40.4' R	(617.94)
FD	14+39.7	40.4' R	(618.38)
FG	14+42.7	27.1' R	618.13
FH	14+50.8	18.1' R	618.41
ZC	14+50.3	0.0'	(618.84)
ZD	14+56.3	0.0'	(618.81)

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (4-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 8 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	65
		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AA	17+36.5	26.8' L	(617.97)
AB	17+36.7	31.6' L	(618.10)
AC	17+41.3	26.8' L	617.79
AD	17+41.3	31.6' L	617.88
AE	17+46.5	40.9' L	(618.11)
AF	17+50.9	41.0' L	(618.05)
AG	17+46.5	36.7' L	617.90
AH	17+51	36.7' L	617.85
AI	17+46.5	31.6' L	617.65
AJ	17+51.5	31.6' L	617.60
AK	17+46.5	26.6' L	617.56
AL	17+51.5	26.6' L	617.51
AM	17+43.6	19.9' L	(617.16)
AN	17+43.5	21.4' L	617.60
AO	17+46.5	19.9' L	(617.19)

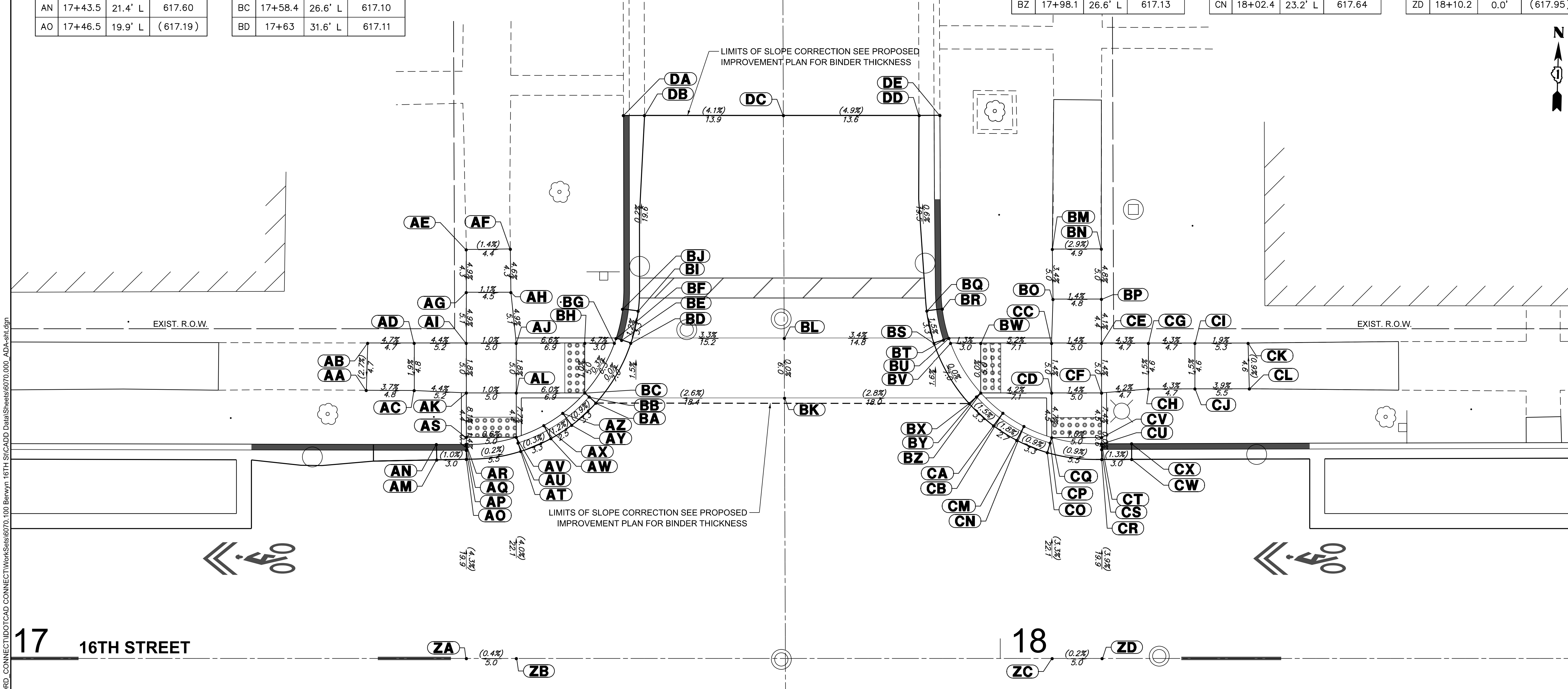
	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AP	17+46.5	20.8' L	617.15
AQ	17+46.5	21.4' L	617.19
AR	17+46.5	21.4' L	617.19
AS	17+46.5	22.1' L	617.20
AT	17+52	20.7' L	(617.18)
AU	17+51.7	21.6' L	617.13
AV	17+51.5	22.1' L	617.17
AW	17+55	22.0' L	(617.17)
AX	17+54.3	23.3' L	617.61
AY	17+57.1	23.3' L	(617.14)
AZ	17+56.2	24.5' L	617.58
BA	17+59.5	25.6' L	(617.11)
BB	17+58.8	26.2' L	617.06
BC	17+58.4	26.6' L	617.10
BD	17+63	31.6' L	617.11

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BE	17+62.1	31.9' L	617.08
BF	17+61.5	32.1' L	617.12
BG	17+61.4	31.6' L	617.01
BH	17+58.4	31.6' L	617.15
BI	17+63.7	34.8' L	617.07
BJ	17+62.2	35.0' L	617.51
BK	17+78.4	26.1' L	617.60
BL	17+78.4	32.1' L	617.60
DA	17+62.3	54.3' L	(617.47)
DB	17+64.4	54.4' L	(617.03)
DC	17+78.3	54.4' L	(617.60)
ZA	17+46.5	0.0'	(618.04)
ZB	17+51.5	0.0'	(618.06)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BM	18+05.2	41.0' L	(617.85)
BN	18+10.1	41.0' L	(617.99)
BO	18+05.3	36.0' L	617.68
BP	18+10.1	36.0' L	617.75
BQ	17+92.6	34.8' L	617.05
BR	17+94.2	35.0' L	617.49
BS	17+93.4	31.6' L	617.10
BT	17+94.3	31.9' L	617.05
BU	17+94.9	32.1' L	617.09
BV	17+95	31.6' L	617.09
BW	17+98.1	31.6' L	617.13
BX	17+96.9	25.5' L	(617.10)
BY	17+97.6	26.2' L	617.09
BZ	17+98.1	26.6' L	617.13

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CA	17+99.3	23.3' L	(617.15)
CB	18+00.3	24.6' L	617.59
CC	18+05.1	31.6' L	617.50
CD	18+05.2	26.6' L	617.43
CE	18+10.1	31.6' L	617.57
CF	18+10.2	26.6' L	617.50
CG	18+14.8	31.6' L	617.77
CH	18+14.8	27.0' L	617.70
CI	18+19.5	31.6' L	617.97
CJ	18+19.5	27.0' L	617.90
CK	18+24.8	31.6' L	(618.07)
CL	18+25	27.0' L	(618.11)
CM	18+01.7	21.8' L	(617.20)
CN	18+02.4	23.2' L	617.64

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CO	18+04.7	20.6' L	(617.23)
CP	18+05	21.6' L	617.18
CQ	18+05.2	22.1' L	617.22
CR	18+10.2	19.9' L	(617.18)
CS	18+10.2	20.9' L	617.13
CT	18+10.2	21.5' L	617.17
CU	18+10.2	21.5' L	617.17
CV	18+10.2	22.1' L	617.17
CW	18+13.2	19.9' L	(617.14)
CX	18+13.2	21.5' L	617.58
DD	17+91.9	54.4' L	(616.93)
DE	17+94	54.4' L	(617.37)
ZC	18+05.2	0.0'	(617.96)
ZD	18+10.2	0.0'	(617.95)



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	DRAWN - AMK	REVISED -
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

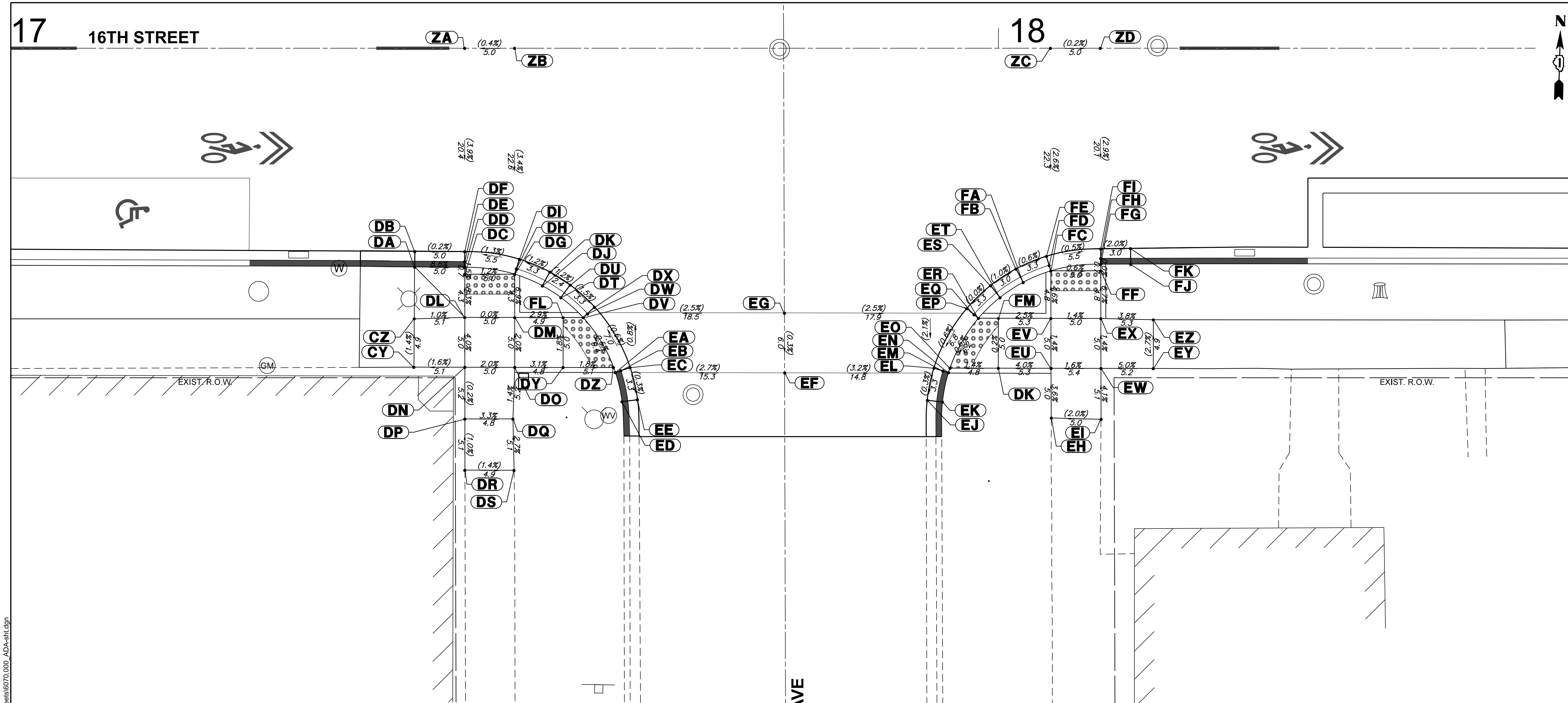
ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 9 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	66
		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		

MODEL: ADA (5)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

GEWALT HAMILTON ASSOCIATES, INC.



ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CY	17+41.5	31.9' R	(617.72)
CZ	17+41.5	27.1' R	(617.65)
DA	17+41.5	21.9' R	617.67
DB	17+41.5	20.3' R	(617.23)
DC	17+46.5	22.6' R	617.24
DD	17+46.5	21.9' R	617.23
DE	17+46.5	21.4' R	617.19
DF	17+46.5	20.4' R	(617.24)
DG	17+51.5	22.6' R	617.30
DH	17+51.7	22.1' R	617.26
DI	17+52	21.1' R	(617.31)
DJ	17+54.3	23.8' R	617.79
DK	17+55.1	22.4' R	(617.35)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DL	17+46.6	26.9' R	617.60
DM	17+51.6	27.0' R	617.60
DN	17+46.6	31.9' R	(617.80)
DO	17+51.6	32.0' R	617.70
DP	17+46.6	37.1' R	(617.79)
DQ	17+51.4	37.1' R	617.63
DR	17+46.6	42.2' R	(617.84)
DS	17+51.5	42.3' R	(617.77)
DT	17+56.2	25.0' R	617.82
DU	17+57.1	23.7' R	(617.38)
DV	17+58.4	27.0' R	617.42
DW	17+58.8	26.6' R	617.38
DX	17+59.6	25.9' R	(617.43)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DY	17+56.4	32.0' R	(617.55)
DZ	17+61.5	32.0' R	617.46
EA	17+61.6	32.5' R	617.46
EB	17+62.2	32.3' R	617.42
EC	17+63.1	32.0' R	(617.47)
ED	17+62.3	35.4' R	617.90
EE	17+63.9	35.2' R	(617.46)
EF	17+78.6	32.5' R	(617.88)
EG	17+78.6	26.5' R	(617.90)
FL	17+56.4	27.0' R	617.46
ZA	17+46.5	0.0'	(618.04)
ZB	17+51.5	0.0'	(618.06)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DK	18+00	32.0' R	617.47
EH	18+05.3	37.0' R	(617.86)
EI	18+10.3	37.2' R	(617.96)
EJ	17+92.9	35.3' R	(617.40)
EK	17+94.4	35.4' R	617.84
EL	17+93.5	32.0' R	(617.41)
EM	17+94.4	32.3' R	617.36
EN	17+95	32.5' R	617.40
EO	17+95.1	32.0' R	617.40
EP	17+96.8	26.0' R	(617.45)
EQ	17+97.6	26.7' R	617.40
ER	17+98	27.0' R	617.44

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
ES	17+99.2	23.8' R	(617.45)
ET	18+00.2	25.0' R	617.89
EU	18+05.3	32.1' R	617.68
EV	18+05.3	27.1' R	617.61
EW	18+10.3	32.1' R	617.75
EX	18+10.3	27.1' R	617.68
EY	18+15.5	32.1' R	(618.01)
EZ	18+15.5	27.2' R	(617.88)
FA	18+02.5	23.4' R	617.86
FB	18+01.8	22.1' R	(617.42)
FC	18+05.2	22.3' R	617.39
FD	18+05.1	21.7' R	617.35

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
FE	18+04.8	20.8' R	(617.40)
FF	18+10.2	22.3' R	617.36
FG	18+10.2	21.6' R	617.36
FH	18+10.2	21.0' R	617.32
FI	18+10.2	20.1' R	617.37
FJ	18+13.2	21.6' R	617.75
FK	18+13.2	20.0' R	(617.31)
FM	18+00	27.0' R	617.48
ZC	18+05.2	0.0'	(617.96)
ZD	18+10.2	0.0'	(617.95)

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (5-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

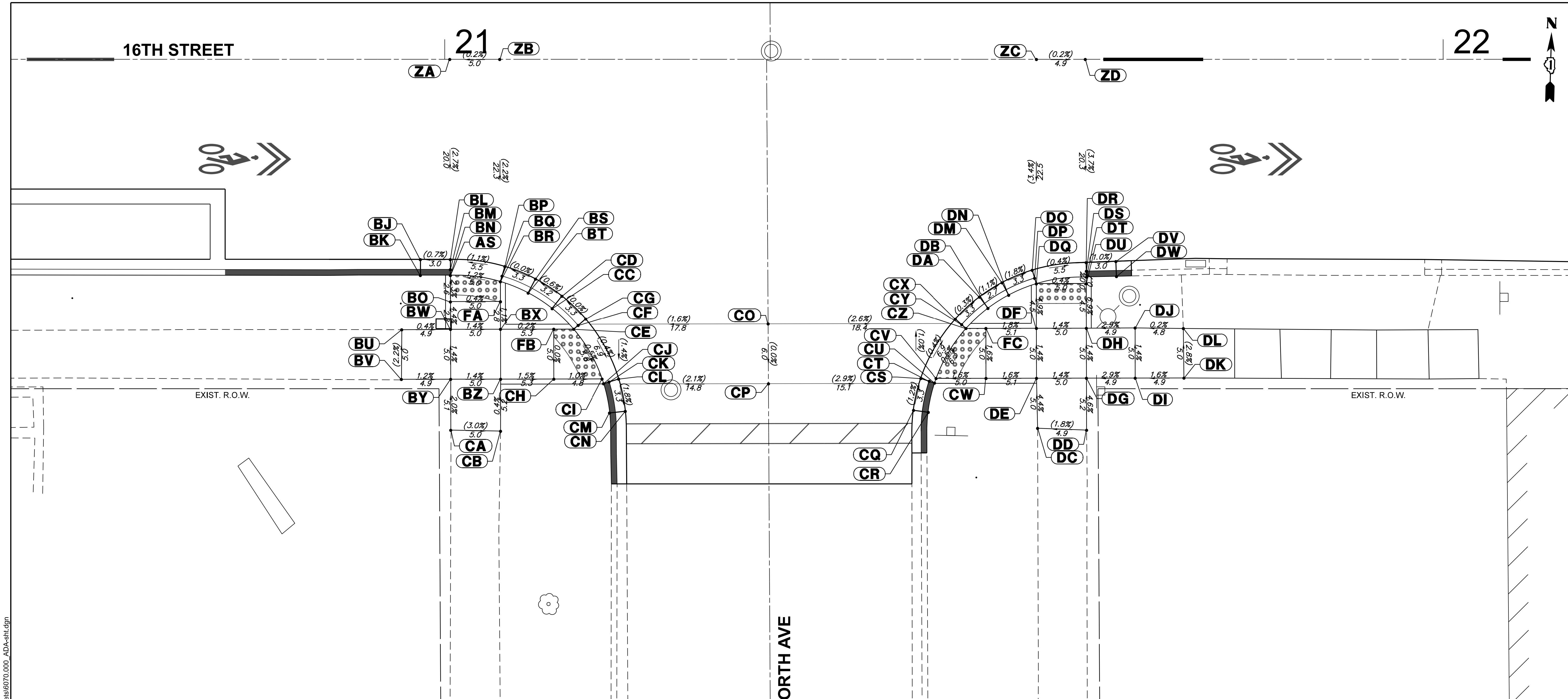
ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 10 OF 37 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	67

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AS	21+00.6	21.6' R	617.88
BJ	20+97.6	20.0' R	(617.87)
BK	20+97.6	21.6' R	618.31
BL	21+00.6	20.0' R	(617.89)
BM	21+00.6	21.0' R	617.84
BN	21+00.6	21.6' R	617.89
BO	21+00.6	24.3' R	617.94
BP	21+06	20.7' R	(617.95)
BQ	21+05.7	21.7' R	617.90
BR	21+05.6	22.3' R	617.94
BS	21+09.1	22.0' R	(617.95)
BT	21+08.4	23.4' R	618.39
BU	20+95.7	27.1' R	(618.08)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BV	20+95.7	32.1' R	(618.19)
BW	21+00.6	27.1' R	618.06
BX	21+05.6	27.0' R	617.99
BY	21+00.6	32.1' R	618.13
BZ	21+05.6	32.0' R	618.06
CA	21+00.6	37.1' R	(618.23)
CB	21+05.6	37.2' R	(618.08)
CC	21+10.8	24.9' R	618.41
CD	21+11.7	23.7' R	(617.97)
CE	21+12.9	27.0' R	617.96
CF	21+13.4	26.7' R	617.92
CG	21+14.1	26.0' R	617.97
CH	21+10.9	32.0' R	617.98

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CI	21+15.8	32.0' R	(617.93)
CJ	21+15.9	32.5' R	617.93
CK	21+16.5	32.3' R	617.89
CL	21+17.4	32.0' R	(617.94)
CM	21+16.5	35.4' R	618.32
CN	21+18.1	35.3' R	(617.88)
CO	21+32.4	26.5' R	(618.25)
CP	21+32.4	32.5' R	(618.25)
FA	21+05.6	24.3' R	617.96
FB	21+10.9	27.0' R	617.98
ZA	21+00.5	0.0'	(618.43)
ZB	21+05.5	0.0'	(618.44)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CQ	21+46.9	35.2' R	(617.84)
CR	21+48.4	35.4' R	618.28
CS	21+47.7	32.0' R	(617.80)
CT	21+48.5	32.2' R	617.75
CU	21+49.1	32.4' R	617.79
CV	21+49.2	32.0' R	617.79
CW	21+54.2	32.0' R	617.87
CX	21+51.1	26.0' R	(617.77)
CY	21+51.8	26.6' R	617.72
CZ	21+52.2	27.0' R	617.76
DA	21+53.6	23.8' R	(617.76)
DB	21+54.4	24.9' R	618.20

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
DC	21+59.4	37.0' R	618.17
DD	21+64.3	37.1' R	(618.26)
DE	21+59.3	32.0' R	617.95
DF	21+59.3	27.0' R	617.88
DG	21+64.3	31.9' R	618.02
DH	21+64.3	26.9' R	617.95
DI	21+69.2	31.9' R	618.16
DJ	21+69.1	26.9' R	618.09
DK	21+74	31.9' R	(618.24)
DL	21+74	27.0' R	(618.10)
DM	21+55.8	22.4' R	(617.73)
DN	21+56.5	23.6' R	618.17

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
DO	21+58.8	21.1' R	(617.67)
DP	21+59.1	21.9' R	617.62
DQ	21+59.3	22.5' R	617.66
DR	21+64.2	20.3' R	(617.65)
DS	21+64.3	21.2' R	617.60
DT	21+64.3	21.8' R	617.64
DU	21+64.3	22.5' R	617.64
DV	21+67.2	20.2' R	(617.62)
DW	21+67.3	21.7' R	618.06
FC	21+54.2	27.0' R	617.79
ZC	21+59.3	0.0'	(618.42)
ZD	21+64.2	0.0'	(618.41)

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (6-2)
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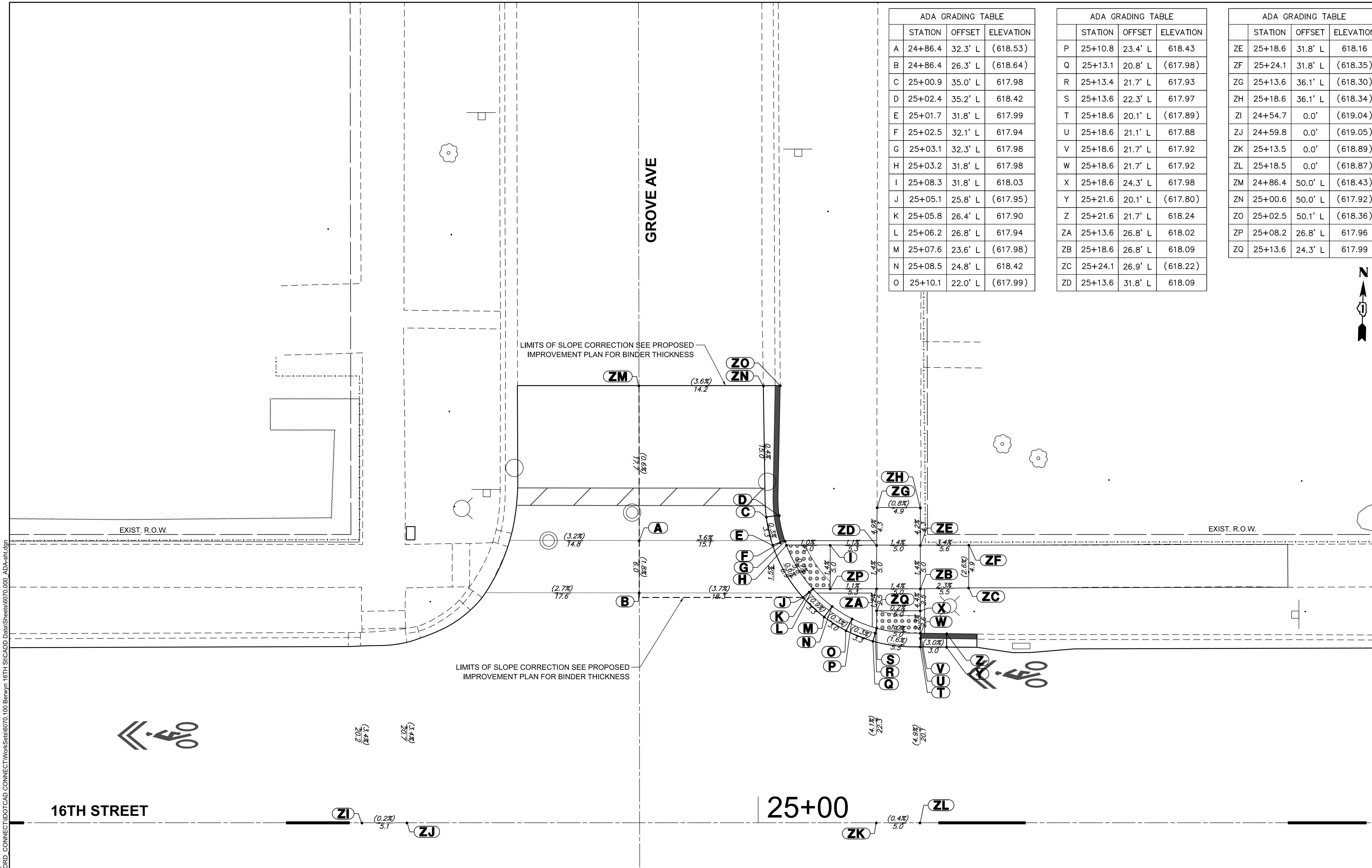
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 11 OF 37 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	68
CONTRACT NO. 61L54				
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
A	24+86.4	32.3' L	(618.53)
B	24+86.4	26.3' L	(618.64)
C	25+00.9	35.0' L	617.98
D	25+02.4	35.2' L	618.42
E	25+01.7	31.8' L	617.99
F	25+02.5	32.1' L	617.94
G	25+03.1	32.3' L	617.98
H	25+03.2	31.8' L	617.98
I	25+08.3	31.8' L	618.03
J	25+05.1	25.8' L	(617.95)
K	25+05.8	26.4' L	617.90
L	25+06.2	26.8' L	617.94
M	25+07.6	23.6' L	(617.98)
N	25+08.5	24.8' L	618.42
O	25+10.1	22.0' L	(617.99)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
P	25+10.8	23.4' L	618.43
Q	25+13.1	20.8' L	(617.98)
R	25+13.4	21.7' L	617.93
S	25+13.6	22.3' L	617.97
T	25+18.6	20.1' L	(617.89)
U	25+18.6	21.1' L	617.88
V	25+18.6	21.7' L	617.92
W	25+18.6	21.7' L	617.92
X	25+18.6	24.3' L	617.98
Y	25+21.6	20.1' L	(617.80)
Z	25+21.6	21.7' L	618.24
ZA	25+13.6	26.8' L	618.02
ZB	25+18.6	26.8' L	618.09
ZC	25+24.1	26.9' L	(618.22)
ZD	25+13.6	31.8' L	618.09

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
ZE	25+18.6	31.8' L	618.16
ZF	25+24.1	31.8' L	(618.35)
ZG	25+13.6	36.1' L	(618.30)
ZH	25+18.6	36.1' L	(618.34)
ZI	24+54.7	0.0'	(619.04)
ZJ	24+59.8	0.0'	(619.05)
ZK	25+13.5	0.0'	(618.89)
ZL	25+18.5	0.0'	(618.87)
ZM	24+86.4	50.0' L	(618.43)
ZN	25+00.6	50.0' L	(617.92)
ZO	25+02.5	50.1' L	(618.36)
ZP	25+08.2	26.8' L	617.96
ZQ	25+13.6	24.3' L	617.99

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (7)
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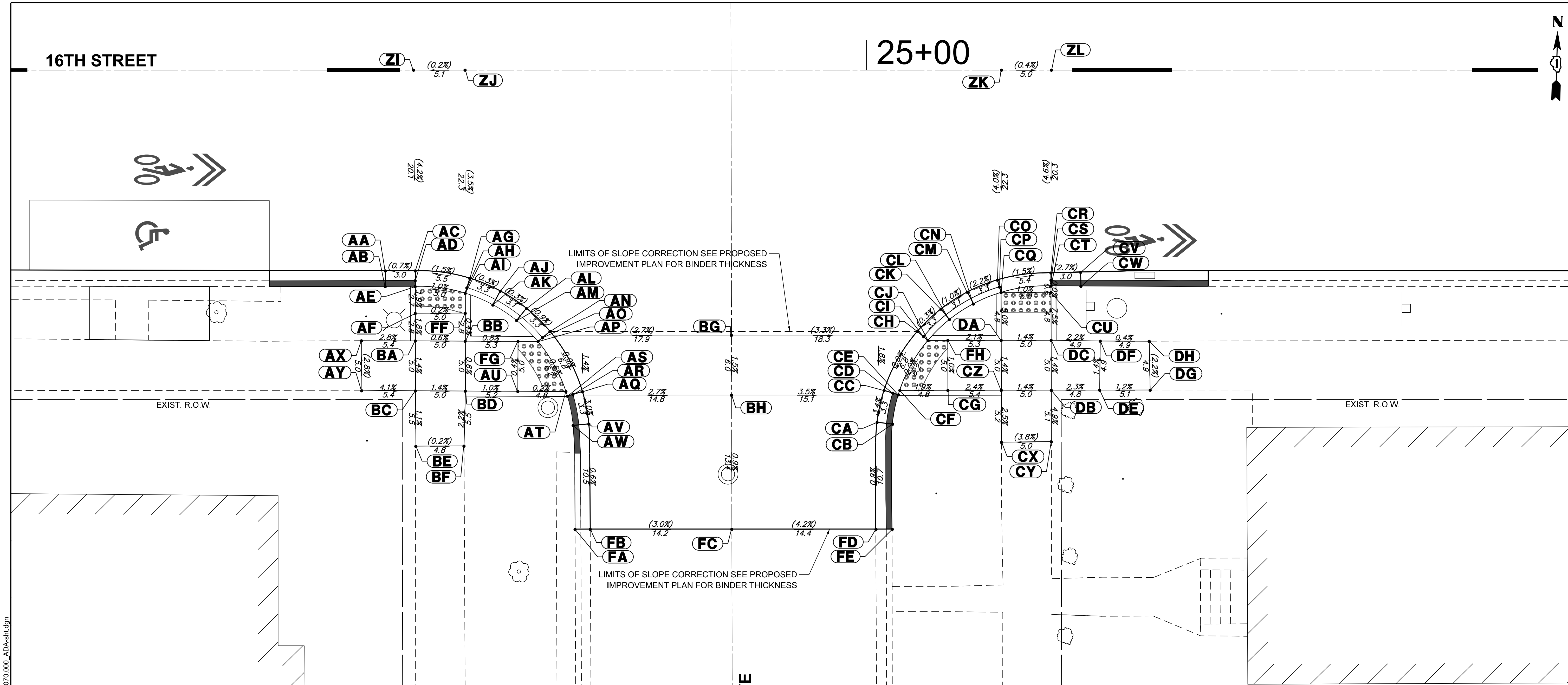
PLOT SCALE = 5.000 ' / in.		CHECKED -	KLB	REVISED -	
PLOT DATE = 02/11/2026		DATE -	02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 12 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	69
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	24+51.8	20.1' R	(618.18)
AB	24+51.8	21.7' R	618.62
AC	24+54.8	20.1' R	(618.20)
AD	24+54.8	21.1' R	618.18
AE	24+54.8	21.7' R	618.22
AF	24+54.8	24.4' R	618.27
AG	24+60.3	20.9' R	(618.28)
AH	24+60	21.8' R	618.23
AI	24+59.8	22.3' R	618.27
AJ	24+63.3	22.1' R	(618.27)
AK	24+62.6	23.5' R	618.71
AL	24+65.9	23.9' R	(618.26)
AM	24+65	25.1' R	618.70
AN	24+68.3	26.2' R	(618.23)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AO	24+67.5	26.8' R	618.18
AP	24+67.1	27.2' R	618.22
AQ	24+71.6	32.2' R	618.23
AR	24+70.6	32.5' R	618.22
AS	24+70	32.7' R	618.26
AT	24+69.9	32.2' R	618.26
AU	24+65.1	32.2' R	618.27
AV	24+72.2	35.5' R	618.13
AW	24+70.6	35.6' R	618.57
AX	24+49.4	27.1' R	(618.47)
AY	24+49.5	32.1' R	(618.61)
BA	24+54.8	27.1' R	618.32
BB	24+59.8	27.2' R	618.29
BC	24+54.8	32.1' R	618.39

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BD	24+59.8	32.2' R	618.32
BE	24+54.9	37.7' R	(618.45)
BF	24+59.7	37.7' R	(618.44)
BG	24+86.5	26.6' R	618.71
BH	24+86.5	32.6' R	618.62
FA	24+70.8	46.0' R	(618.51)
FB	24+72.3	46.0' R	(618.07)
FC	24+86.5	46.0' R	(618.50)
FF	24+59.8	24.3' R	618.28
FG	24+65.1	27.2' R	618.25
ZI	24+54.7	0.0'	(619.04)
ZJ	24+59.8	0.0'	(619.05)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	25+01.1	35.3' R	618.00
CB	25+02.6	35.5' R	618.44
CC	25+01.8	32.1' R	618.11
CD	25+02.6	32.4' R	618.06
CE	25+03.2	32.5' R	618.10
CF	25+03.3	32.1' R	618.10
CG	25+08.2	32.1' R	618.19
CH	25+05.1	26.2' R	(618.11)
CI	25+05.7	26.7' R	618.06
CJ	25+06.2	27.1' R	618.10
CK	25+07.5	23.9' R	(618.12)
CL	25+08.3	25.0' R	618.56
CM	25+10.1	22.2' R	(618.09)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CN	25+10.7	23.4' R	618.53
CO	25+13.1	21.0' R	(618.02)
CP	25+13.3	21.7' R	617.97
CQ	25+13.5	22.3' R	618.01
CR	25+18.5	20.3' R	(617.94)
CS	25+18.5	21.0' R	617.92
CT	25+18.5	21.6' R	617.96
CU	25+18.5	22.3' R	617.96
CV	25+21.5	20.2' R	(617.86)
CW	25+21.5	21.6' R	618.30
CX	25+13.5	37.3' R	(618.45)
CY	25+18.5	37.2' R	(618.64)
CZ	25+13.5	32.1' R	618.32

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	25+13.5	27.1' R	618.25
DB	25+18.5	32.1' R	618.39
DC	25+18.5	27.1' R	618.32
DE	25+23.4	32.1' R	618.50
DF	25+23.4	27.1' R	618.43
DG	25+28.4	32.1' R	(618.56)
DH	25+28.3	27.2' R	(618.45)
FD	25+00.9	46.0' R	(617.90)
FE	25+02.6	46.0' R	(618.34)
FH	25+08.2	27.1' R	618.14
ZK	25+13.5	0.0'	(618.89)
ZL	25+18.5	0.0'	(618.87)

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (7-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 13 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	70
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	31+39	21.7' L	617.27
AB	31+39	20.2' L	(616.83)
AC	31+42	22.2' L	616.88
AD	31+42	21.8' L	616.88
AE	31+42	21.8' L	616.88
AF	31+42	21.2' L	616.84
AG	31+42	20.2' L	(616.89)
AH	31+47	22.1' L	616.95
AI	31+47.2	21.6' L	616.91
AJ	31+47.4	20.6' L	(616.96)
AK	31+49.9	23.1' L	617.40
AL	31+50.5	21.6' L	(616.96)
AM	31+52.7	24.9' L	617.39
AN	31+53.8	23.6' L	(616.95)
AO	31+54.9	27.0' L	616.92

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AP	31+55.3	26.6' L	616.88
AQ	31+56.2	25.9' L	(616.93)
AR	31+52.9	32.0' L	617.02
AS	31+57.6	32.0' L	616.92
AT	31+57.7	32.4' L	616.92
AU	31+58.3	32.3' L	616.88
AV	31+59.4	32.0' L	616.93
AW	31+58.2	35.4' L	617.24
AX	31+59.9	35.2' L	616.80
AY	31+33	32.1' L	(617.72)
AZ	31+33	26.9' L	(617.54)
BA	31+37.6	32.1' L	617.52
BB	31+37.5	26.9' L	617.45
BC	31+42.1	27.0' L	617.23
BD	31+47.1	27.0' L	617.16

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BE	31+42.2	32.0' L	617.30
BF	31+47.2	32.0' L	617.23
BG	31+42.3	37.9' L	617.47
BH	31+47.3	37.9' L	617.40
BI	31+42.4	43.6' L	(617.67)
BJ	31+47.4	43.6' L	(617.55)
BK	31+74.2	32.4' L	(617.48)
BL	31+74.2	26.4' L	(617.47)
FA	31+58.2	51.2' L	(617.16)
FB	31+60.4	51.2' L	(616.72)
FC	31+74.2	51.2' L	(617.60)
FF	31+52.9	27.0' L	616.96
ZA	31+41.7	0.0'	(617.81)
ZB	31+46.7	0.0'	(617.83)

ADA GRADING TABLE

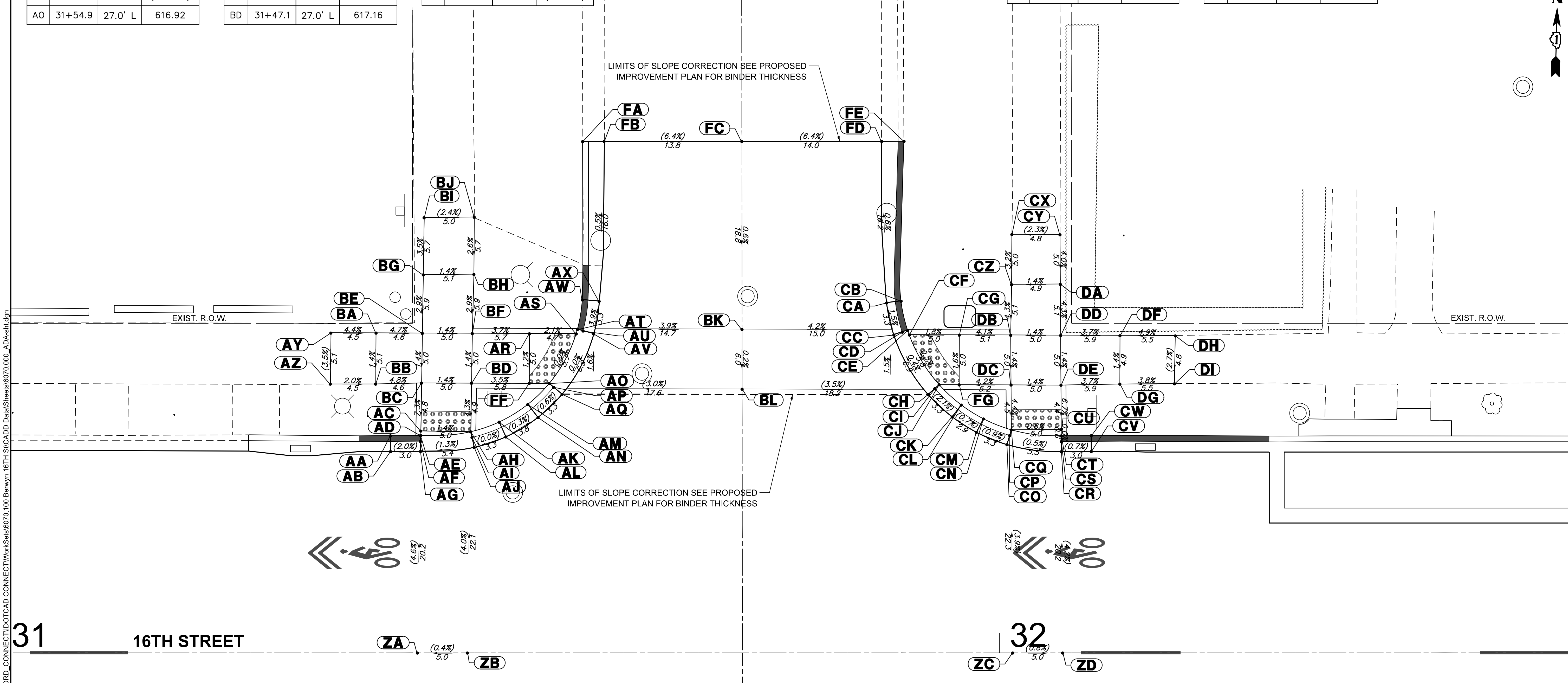
	STATION	OFFSET	ELEVATION
CA	31+88.7	35.1' L	616.80
CB	31+90.1	35.3' L	617.24
CC	31+89.4	31.9' L	616.85
CD	31+90.2	32.1' L	616.80
CE	31+90.8	32.3' L	616.84
CF	31+90.9	31.9' L	616.84
CG	31+96	31.8' L	616.93
CH	31+92.8	25.9' L	(616.82)
CI	31+93.5	26.5' L	616.77
CJ	31+93.9	26.9' L	616.81
CK	31+95.2	23.6' L	(616.89)
CL	31+96.2	24.8' L	617.33
CM	31+97.7	22.1' L	(616.91)
CN	31+98.4	23.4' L	617.35

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CO	32+00.7	20.9' L	(616.88)
CP	32+01	21.8' L	616.83
CQ	32+01.2	22.3' L	616.87
CR	32+06.2	20.2' L	(616.85)
CS	32+06.2	21.2' L	616.80
CT	32+06.2	21.7' L	616.84
CU	32+06.2	22.4' L	616.84
CV	32+09.2	20.2' L	(616.83)
CW	32+09.2	21.8' L	617.27
CX	32+01.2	41.9' L	(617.52)
CY	32+06	41.9' L	(617.63)
CZ	32+01.2	36.9' L	617.36
DA	32+06.1	36.9' L	617.43
DB	32+01.1	31.8' L	617.14

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DC	32+01.1	26.8' L	617.07
DD	32+06.1	31.8' L	617.21
DE	32+06.1	26.8' L	617.14
DF	32+12.1	31.8' L	617.43
DG	32+12	26.9' L	617.36
DH	32+17.6	31.8' L	(617.70)
DI	32+17.5	27.0' L	(617.57)
FD	31+88.2	51.2' L	(616.70)
FE	31+90.4	51.2' L	617.14
FG	31+95.9	26.8' L	616.85
ZC	32+01.3	0.0'	(617.73)
ZD	32+06.3	0.0'	(617.70)



GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (8)
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	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

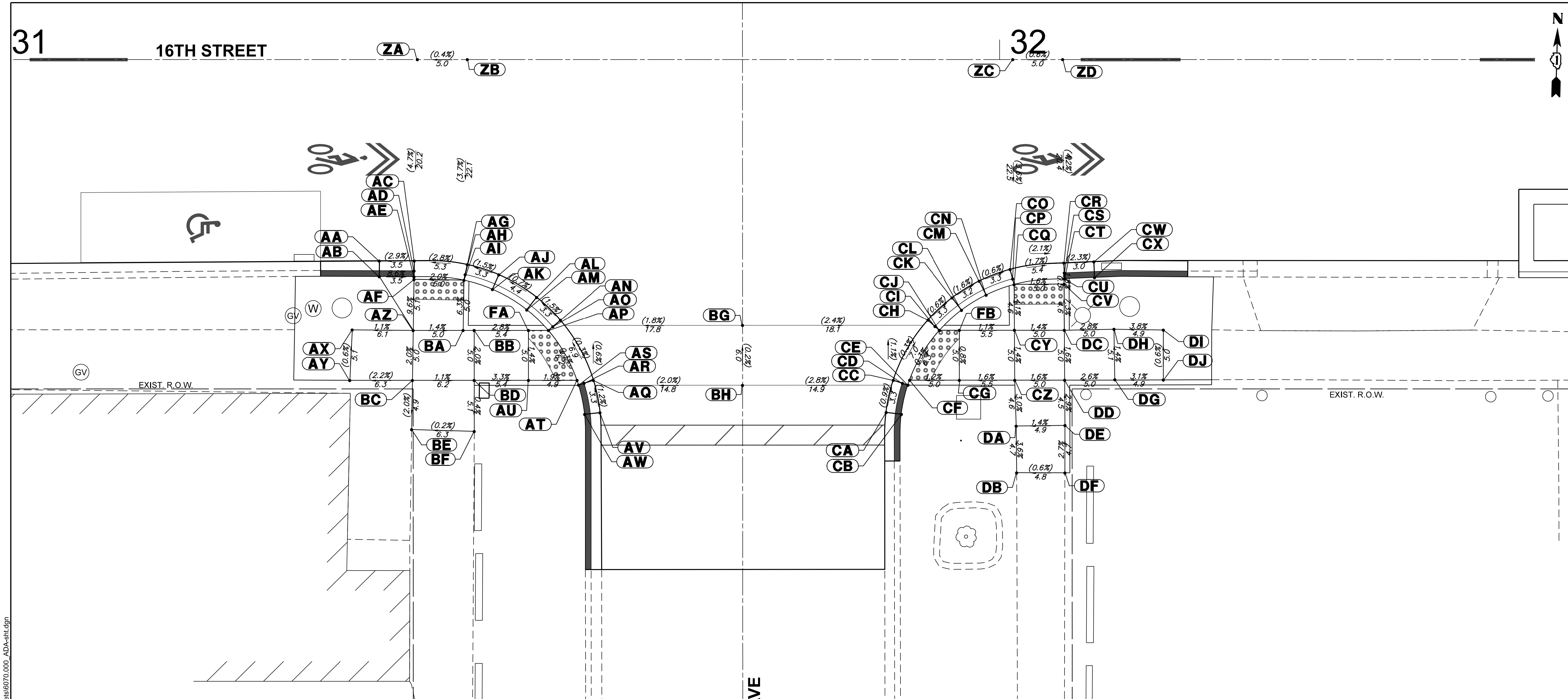
ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 14 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	71

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	31+37.9	20.2' R	(616.77)
AB	31+37.9	21.7' R	617.21
AC	31+41.4	20.2' R	(616.87)
AD	31+41.4	21.2' R	616.86
AE	31+41.4	21.7' R	616.91
AF	31+41.3	22.0' R	616.91
AG	31+46.7	20.5' R	(617.02)
AH	31+46.5	21.5' R	616.97
AI	31+46.3	22.1' R	617.01
AJ	31+49.8	21.5' R	(617.07)
AK	31+49.2	23.0' R	617.51
AL	31+53.6	23.8' R	(617.10)
AM	31+52.6	25.1' R	617.54

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AN	31+56	26.1' R	(617.15)
AO	31+55.2	26.8' R	617.10
AP	31+54.8	27.1' R	617.14
AQ	31+59.3	32.1' R	(617.17)
AR	31+58.4	32.4' R	617.12
AS	31+57.8	32.6' R	617.16
AT	31+57.7	32.1' R	617.16
AU	31+52.8	32.1' R	617.25
AV	31+60	35.4' R	(617.21)
AW	31+58.4	35.5' R	617.65
AX	31+35.2	27.1' R	(617.33)
AY	31+34.9	32.1' R	(617.36)
AZ	31+41.3	27.1' R	617.40

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BA	31+46.3	27.1' R	617.33
BB	31+47.4	27.1' R	617.33
BC	31+41.2	32.1' R	(617.50)
BD	31+47.4	32.1' R	617.43
BE	31+41.1	37.1' R	(617.40)
BF	31+47.4	37.2' R	(617.41)
BG	31+74.3	26.6' R	(617.47)
BH	31+74.3	32.6' R	(617.48)
FA	31+52.8	27.1' R	617.18
ZA	31+41.7	0.0'	(617.81)
ZB	31+46.7	0.0'	(617.83)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	31+88.6	35.3' R	(617.08)
CB	31+90.1	35.5' R	617.52
CC	31+89.3	32.1' R	(617.05)
CD	31+90.2	32.4' R	617.00
CE	31+90.8	32.6' R	617.04
CF	31+91	32.1' R	617.04
CG	31+96	32.1' R	617.10
CH	31+92.8	26.1' R	(617.03)
CI	31+93.5	26.7' R	616.98
CJ	31+94	27.1' R	617.02
CK	31+95.2	23.9' R	(617.01)
CL	31+96.2	25.1' R	617.45
CM	31+98	22.2' R	(616.96)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CN	31+98.6	23.6' R	617.40
CO	32+01	21.0' R	(616.94)
CP	32+01.3	22.0' R	616.89
CQ	32+01.5	22.5' R	616.93
CR	32+06.4	20.4' R	(616.85)
CS	32+06.5	21.4' R	616.80
CT	32+06.5	21.9' R	616.84
CU	32+06.4	21.9' R	616.84
CV	32+06.5	22.5' R	616.85
CW	32+09.4	20.2' R	(616.78)
CX	32+09.5	21.8' R	617.22
CY	32+01.5	27.1' R	617.12
CZ	32+01.5	32.1' R	617.19

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	32+01.7	36.7' R	617.33
DB	32+01.7	41.4' R	(617.50)
DC	32+06.5	27.1' R	617.19
DD	32+06.5	32.1' R	617.27
DE	32+06.5	36.7' R	617.40
DF	32+06.5	41.4' R	(617.53)
DG	32+11.5	32.1' R	617.40
DH	32+11.5	27.0' R	617.33
DI	32+16.4	27.1' R	(617.52)
DJ	32+16.4	32.1' R	(617.55)
FB	31+96	27.1' R	617.06
ZC	32+01.3	0.0'	(617.73)
ZD	32+06.3	0.0'	(617.70)

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (8-2)
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	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 15 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	72
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AA	34+72.4	13.0' L	(616.97)
AB	34+72.4	14.6' L	617.41
AC	34+75.6	13.1' L	(616.98)
AD	34+75.5	14.2' L	616.93
AE	34+75.4	14.7' L	616.97
AF	34+75.6	14.8' L	616.97
AG	34+75.7	18.3' L	616.93
AH	34+81.3	14.7' L	(616.95)
AI	34+80.9	15.7' L	616.90
AJ	34+80.7	16.2' L	616.94
AK	34+84.2	16.3' L	(616.93)
AL	34+83.3	17.7' L	617.37
AM	34+90.7	23.3' L	(616.70)
AN	34+89.2	24.1' L	617.14

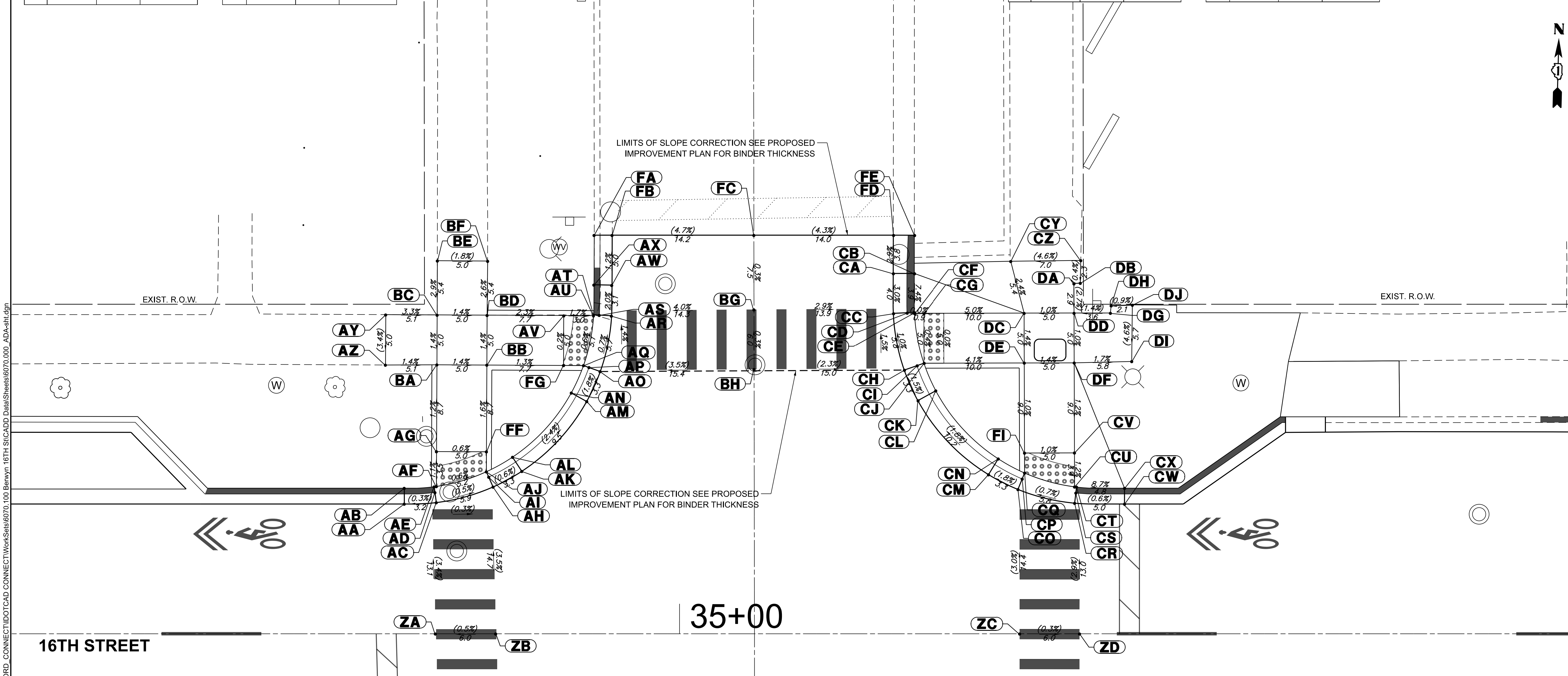
	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AO	34+92.1	26.3' L	(616.64)
AP	34+90.9	26.7' L	616.59
AQ	34+90.4	26.9' L	616.63
AR	34+93.2	31.9' L	616.60
AS	34+92	31.9' L	616.59
AT	34+91.4	32.0' L	616.60
AU	34+91.4	31.9' L	616.60
AV	34+88.4	31.9' L	616.65
AW	34+93.2	34.9' L	616.54
AX	34+91.4	35.0' L	616.98
AY	34+70.6	32.0' L	617.07
AZ	34+70.6	26.9' L	616.90
BA	34+75.7	26.9' L	616.83
BB	34+80.7	26.9' L	616.76

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BC	34+75.7	31.9' L	616.90
BD	34+80.7	31.9' L	616.83
BE	34+75.7	37.4' L	(617.06)
BF	34+80.8	37.3' L	(616.97)
BG	35+07.5	32.5' L	(617.16)
BH	35+07.5	26.5' L	(617.18)
FA	34+91.5	39.9' L	(616.92)
FB	34+93.3	39.9' L	(616.48)
FC	35+07.4	39.9' L	(617.14)
FF	34+80.7	18.2' L	616.90
FG	34+88.4	26.9' L	616.66
ZA	34+75.5	0.0'	(617.43)
ZB	34+81.6	0.0'	(617.46)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CA	35+21.4	36.1' L	616.65
CB	35+23.5	36.1' L	617.09
CC	35+21.4	32.1' L	616.77
CD	35+22.8	32.1' L	616.76
CE	35+23.5	32.2' L	616.80
CF	35+23.5	32.1' L	616.80
CG	35+24.5	32.1' L	616.80
CH	35+22.5	26.4' L	(616.83)
CI	35+23.8	26.9' L	616.78
CJ	35+24.5	27.1' L	616.82
CK	35+23.9	23.4' L	(616.88)
CL	35+25.7	24.3' L	617.32
CM	35+30.9	15.9' L	(617.06)
CN	35+31.9	17.5' L	617.50

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CO	35+33.9	14.5' L	(617.12)
CP	35+34.3	15.5' L	617.07
CQ	35+34.6	16.1' L	617.11
CR	35+39.6	13.1' L	(617.16)
CS	35+39.7	14.1' L	617.11
CT	35+39.8	14.7' L	617.15
CU	35+39.6	14.7' L	617.15
CV	35+39.6	18.1' L	617.19
CW	35+44.6	13.0' L	(617.13)
CX	35+44.6	14.6' L	617.57
CY	35+33.2	37.3' L	(617.17)
CZ	35+40.2	37.4' L	(617.49)
DA	35+39.5	35.1' L	(617.43)
DB	35+40.1	35.1' L	(617.48)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
DC	35+34.5	32.1' L	617.30
DD	35+39.5	32.1' L	(617.35)
DE	35+34.5	27.1' L	617.23
DF	35+39.5	27.1' L	617.30
DG	35+43.2	32.1' L	(617.40)
DH	35+43.2	32.9' L	(617.44)
DI	35+45.3	27.3' L	(617.20)
DJ	35+45.4	32.9' L	(617.46)
FD	35+21.4	39.9' L	(616.54)
FE	35+23.5	39.9' L	(616.98)
FI	35+34.6	18.1' L	617.14
ZC	35+34.1	0.0'	(617.56)
ZD	35+40.1	0.0'	(617.54)



GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (9)
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	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

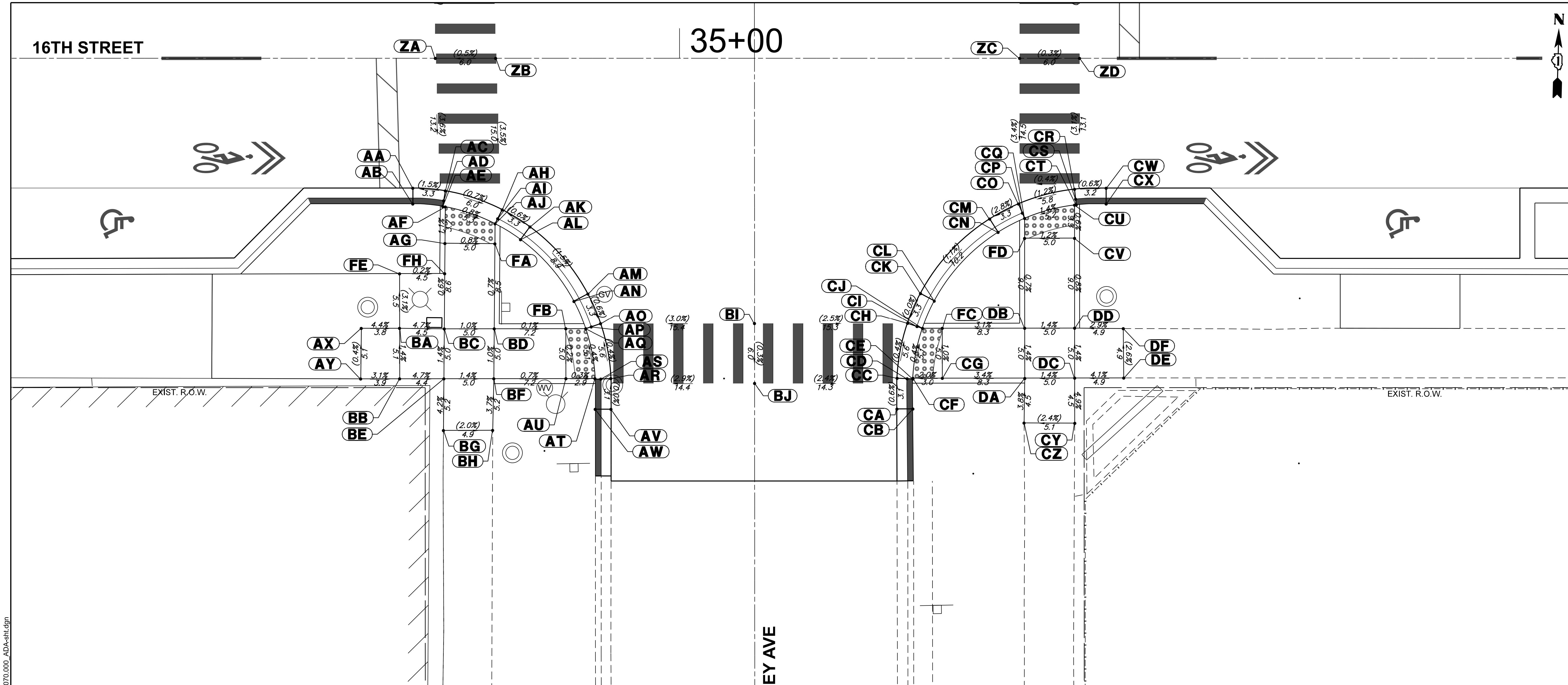
ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 16 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	73

CONTRACT NO. 61L54

ILLINOIS FED. AID PROJECT



ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	34+73.3	13.0' R	(616.92)
AB	34+73.3	14.6' R	617.36
AC	34+76.6	13.3' R	(616.97)
AD	34+76.4	14.3' R	616.92
AE	34+76.3	14.8' R	616.96
AF	34+76.5	14.9' R	616.96
AG	34+76.5	18.5' R	616.92
AH	34+82.2	15.2' R	(616.93)
AI	34+81.8	16.1' R	616.88
AJ	34+81.5	16.6' R	616.92
AK	34+85	16.9' R	(616.95)
AL	34+84.1	18.1' R	617.39
AM	34+90.8	23.6' R	(616.82)
AN	34+89.4	24.3' R	617.26

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AO	34+92.1	26.6' R	(616.80)
AP	34+91.2	26.9' R	616.75
AQ	34+90.6	27.1' R	616.79
AR	34+93.1	32.1' R	(616.82)
AS	34+92.1	32.1' R	616.77
AT	34+91.6	32.1' R	616.81
AU	34+88.6	32.1' R	616.82
AV	34+93.2	35.2' R	(616.82)
AW	34+91.6	35.2' R	617.26
AX	34+68.1	27.1' R	(617.25)
AY	34+68.1	32.1' R	(617.27)
BA	34+72	27.1' R	617.08
BB	34+72	32.1' R	617.15
BC	34+76.4	27.1' R	616.87

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BD	34+81.4	27.1' R	616.82
BE	34+76.4	32.1' R	616.94
BF	34+81.4	32.1' R	616.87
BG	34+76.4	37.3' R	(617.16)
BH	34+81.3	37.3' R	(617.06)
BI	35+07.5	26.6' R	(617.26)
BJ	35+07.5	32.6' R	(617.24)
FA	34+81.5	18.6' R	616.88
FB	34+88.6	27.1' R	616.81
FE	34+72	21.6' R	(616.91)
FH	34+76.5	21.6' R	616.90
ZA	34+75.5	0.0'	(617.43)
ZB	34+81.6	0.0'	(617.46)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CA	35+21.8	35.1' R	(616.91)
CB	35+23.4	35.1' R	617.35
CC	35+21.8	32.1' R	(616.89)
CD	35+22.8	32.1' R	616.84
CE	35+23.4	32.1' R	616.88
CF	35+23.4	32.1' R	616.88
CG	35+26.3	32.0' R	616.94
CH	35+22.8	26.5' R	(616.87)
CI	35+23.8	26.9' R	616.82
CJ	35+24.3	27.1' R	616.86
CK	35+24.1	23.6' R	(616.87)
CL	35+25.5	24.3' R	617.31

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CM	35+31.1	16.1' R	(616.98)
CN	35+31.9	17.4' R	617.42
CO	35+33.9	14.6' R	(617.07)
CP	35+34.3	15.5' R	617.02
CQ	35+34.6	16.0' R	617.06
CR	35+39.6	13.1' R	(617.14)
CS	35+39.7	14.1' R	617.09
CT	35+39.7	14.7' R	617.13
CU	35+39.6	14.7' R	617.13
CV	35+39.6	18.0' R	617.15
CW	35+42.7	13.0' R	(617.12)
CX	35+42.7	14.6' R	617.56

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CY	35+39.6	36.6' R	(617.51)
CZ	35+34.5	36.5' R	(617.39)
DA	35+34.6	32.1' R	617.22
DB	35+34.6	27.0' R	617.15
DC	35+39.6	32.0' R	617.29
DD	35+39.6	27.0' R	617.22
DE	35+44.5	32.0' R	(617.49)
DF	35+44.4	27.1' R	(617.36)
FC	35+26.3	27.0' R	616.89
FD	35+34.6	18.0' R	617.09
ZC	35+34.1	0.0'	(617.56)
ZD	35+40.1	0.0'	(617.54)

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (9-2)
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	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

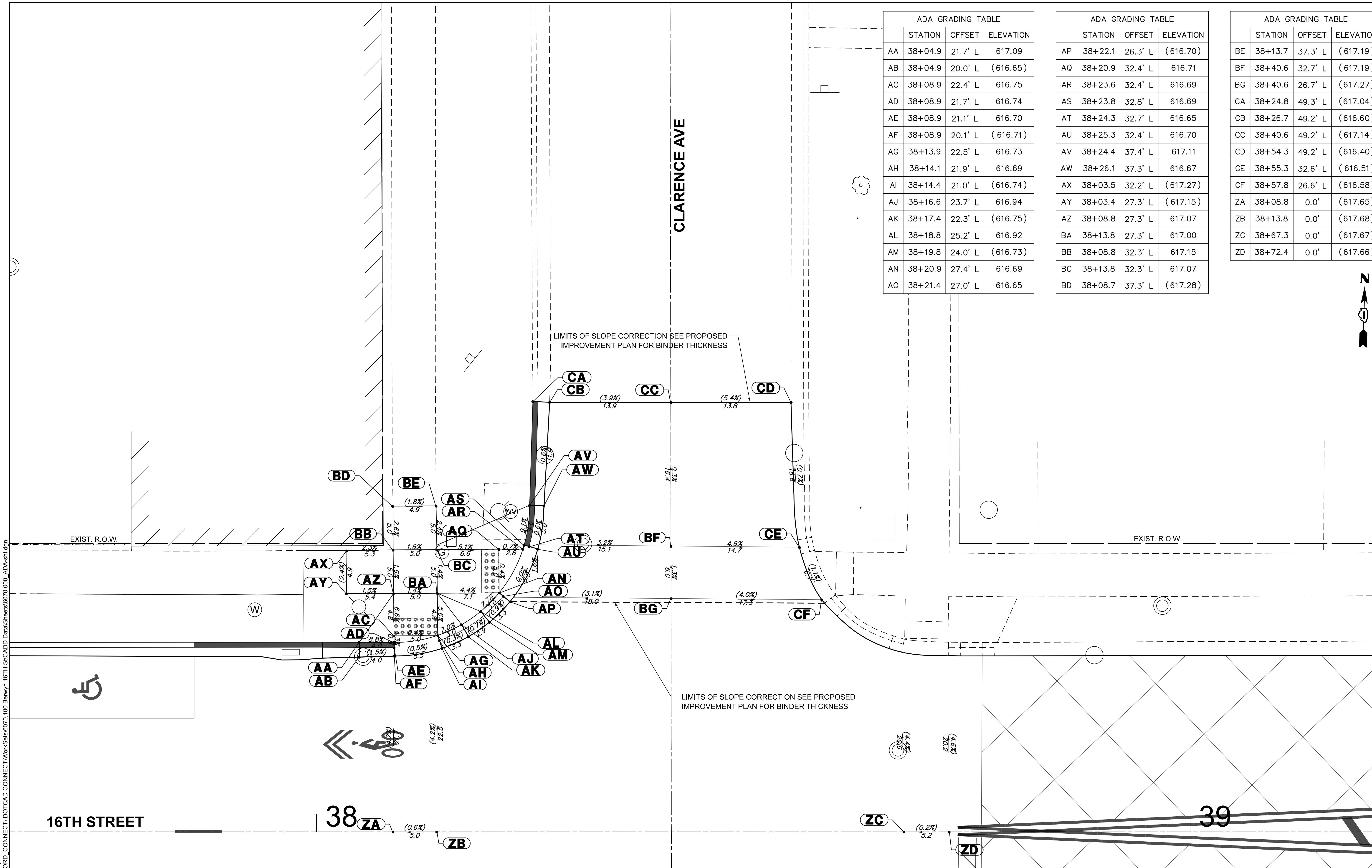
ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 17 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	74

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	38+04.9	21.7' L	617.09
AB	38+04.9	20.0' L	(616.65)
AC	38+08.9	22.4' L	616.75
AD	38+08.9	21.7' L	616.74
AE	38+08.9	21.1' L	616.70
AF	38+08.9	20.1' L	(616.71)
AG	38+13.9	22.5' L	616.73
AH	38+14.1	21.9' L	616.69
AI	38+14.4	21.0' L	(616.74)
AJ	38+16.6	23.7' L	616.94
AK	38+17.4	22.3' L	(616.75)
AL	38+18.8	25.2' L	616.92
AM	38+19.8	24.0' L	(616.73)
AN	38+20.9	27.4' L	616.69
AO	38+21.4	27.0' L	616.65

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AP	38+22.1	26.3' L	(616.70)
AQ	38+20.9	32.4' L	616.71
AR	38+23.6	32.4' L	616.69
AS	38+23.8	32.8' L	616.69
AT	38+24.3	32.7' L	616.65
AU	38+25.3	32.4' L	616.70
AV	38+24.4	37.4' L	617.11
AW	38+26.1	37.3' L	616.67
AX	38+03.5	32.2' L	(617.27)
AY	38+03.4	27.3' L	(617.15)
AZ	38+08.8	27.3' L	617.07
BA	38+13.8	27.3' L	617.00
BB	38+08.8	32.3' L	617.15
BC	38+13.8	32.3' L	617.07
BD	38+08.7	37.3' L	(617.28)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BE	38+13.7	37.3' L	(617.19)
BF	38+40.6	32.7' L	(617.19)
BG	38+40.6	26.7' L	(617.27)
CA	38+24.8	49.3' L	(617.04)
CB	38+26.7	49.2' L	(616.60)
CC	38+40.6	49.2' L	(617.14)
CD	38+54.3	49.2' L	(616.40)
CE	38+55.3	32.6' L	(616.51)
CF	38+57.8	26.6' L	(616.58)
ZA	38+08.8	0.0'	(617.65)
ZB	38+13.8	0.0'	(617.68)
ZC	38+67.3	0.0'	(617.67)
ZD	38+72.4	0.0'	(617.66)

GHA GEWALT HAMILTON ASSOCIATES, INC.

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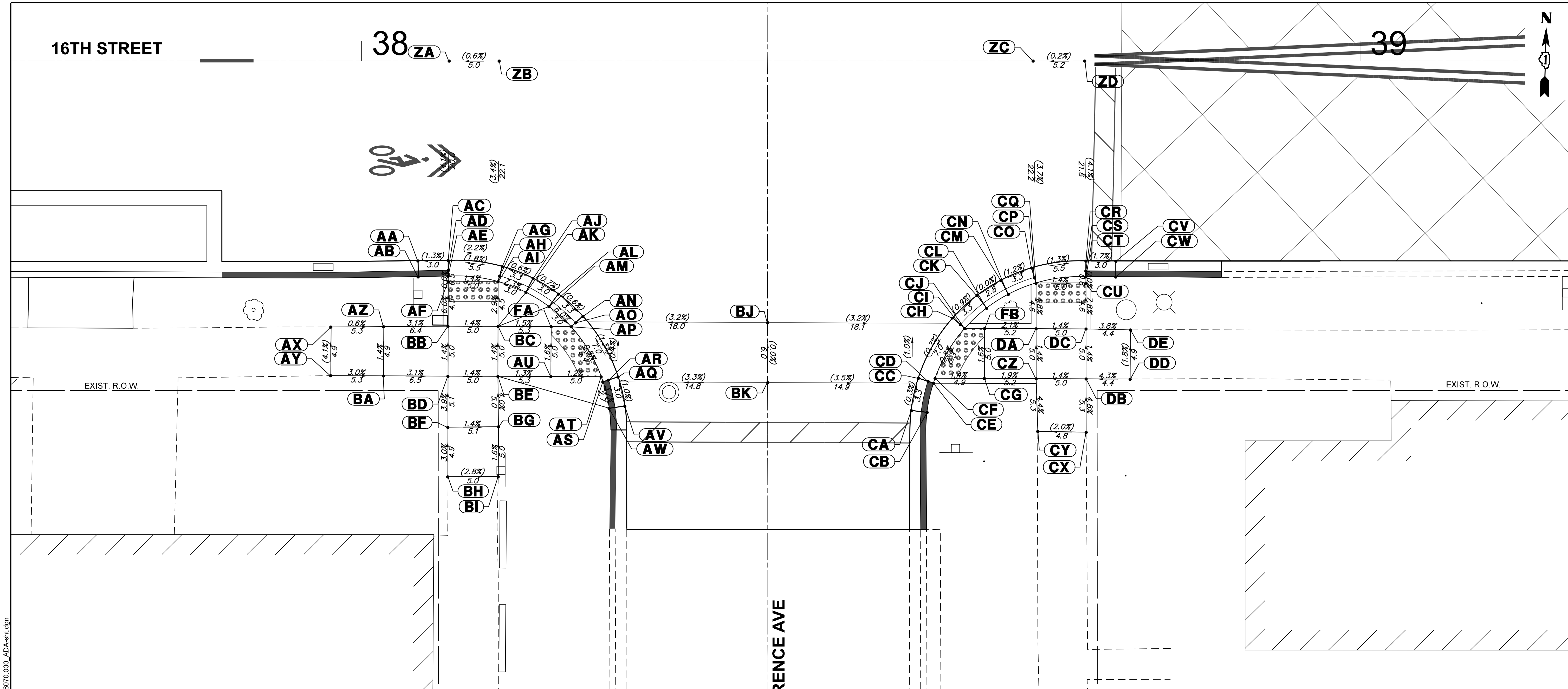
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 18 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	75
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	38+05.6	20.0' R	(616.80)
AB	38+05.7	21.6' R	617.24
AC	38+08.7	20.0' R	(616.84)
AD	38+08.7	21.0' R	616.82
AE	38+08.7	21.5' R	616.86
AF	38+08.7	22.1' R	616.86
AG	38+14.1	20.6' R	(616.94)
AH	38+13.8	21.5' R	616.89
AI	38+13.7	22.1' R	616.93
AJ	38+17.2	21.8' R	(616.96)
AK	38+16.5	23.2' R	617.15
AL	38+19.7	23.3' R	(616.94)
AM	38+18.8	24.6' R	617.13
AN	38+22.2	25.5' R	(616.92)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AO	38+21.4	26.2' R	616.87
AP	38+21	26.6' R	616.95
AQ	38+25.7	31.6' R	(617.01)
AR	38+24.7	31.9' R	616.96
AS	38+24.2	32.1' R	617.00
AT	38+24	31.6' R	617.00
AU	38+19	31.6' R	617.06
AV	38+26.4	34.5' R	(617.04)
AW	38+24.8	34.8' R	617.10
AX	37+96.9	26.6' R	(617.36)
AY	37+96.9	31.5' R	(617.56)
AZ	38+02.2	26.6' R	617.33
BA	38+02.2	31.5' R	617.40
BB	38+08.7	26.6' R	617.13

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BC	38+13.7	26.6' R	617.06
BD	38+08.6	31.6' R	617.20
BE	38+13.6	31.6' R	617.13
BF	38+08.6	36.7' R	617.40
BG	38+13.7	36.6' R	617.33
BH	38+08.6	41.6' R	(617.55)
BI	38+13.7	41.6' R	(617.41)
BJ	38+40.7	26.2' R	(617.51)
BK	38+40.7	32.2' R	(617.51)
FA	38+19	26.6' R	616.98
ZA	38+08.8	0.0'	(617.65)
ZB	38+13.8	0.0'	(617.68)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	38+55	35.0' R	(616.99)
CB	38+56.6	35.2' R	617.43
CC	38+55.7	31.8' R	(616.98)
CD	38+56.7	32.1' R	616.93
CE	38+57.3	32.2' R	616.97
CF	38+57.4	31.8' R	616.97
CG	38+62.4	31.8' R	617.04
CH	38+59.2	25.7' R	(616.93)
CI	38+60	26.4' R	616.88
CJ	38+60.4	26.8' R	616.92
CK	38+61.6	23.5' R	(616.90)
CL	38+62.6	24.7' R	617.34

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CM	38+64	21.9' R	(616.90)
CN	38+64.8	23.4' R	617.34
CO	38+67.1	20.7' R	(616.86)
CP	38+67.4	21.7' R	616.81
CQ	38+67.5	22.2' R	616.85
CR	38+72.5	20.0' R	(616.79)
CS	38+72.5	21.0' R	616.74
CT	38+72.5	21.6' R	616.78
CU	38+72.5	22.2' R	616.78
CV	38+75.5	20.0' R	(616.74)
CW	38+75.5	21.6' R	617.18
CX	38+72.6	37.2' R	(617.47)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CY	38+67.7	37.1' R	(617.37)
CZ	38+67.6	31.8' R	617.14
DA	38+67.6	26.8' R	617.07
DB	38+72.6	31.8' R	617.21
DC	38+72.6	26.8' R	617.14
DD	38+77	31.8' R	(617.40)
DE	38+77	26.9' R	(617.31)
FB	38+62.4	26.8' R	616.96
ZC	38+67.3	0.0'	(617.67)
ZD	38+72.4	0.0'	(617.66)

GHA GEWALT HAMILTON ASSOCIATES, INC.
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PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 19 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	76
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	41+35.8	21.9' L	617.85
AB	41+35.9	20.3' L	(617.41)
AC	41+41.8	24.3' L	617.37
AD	41+41.8	22.3' L	617.35
AE	41+41.5	22.2' L	617.35
AF	41+41.6	21.6' L	617.31
AG	41+41.8	20.6' L	(617.36)
AH	41+46.8	24.3' L	617.21
AI	41+47.2	23.8' L	617.17
AJ	41+47.7	22.9' L	(617.22)
AK	41+50.1	27.0' L	617.12
AL	41+50.5	26.6' L	617.08
AM	41+51.3	25.9' L	(617.13)
AN	41+50.1	32.0' L	617.23

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AO	41+53.1	32.0' L	617.08
AP	41+53.3	32.5' L	617.08
AQ	41+53.9	32.3' L	617.04
AR	41+54.8	32.0' L	(617.09)
AS	41+54	35.5' L	617.51
AT	41+55.5	35.3' L	(617.07)
AU	41+31.8	32.0' L	(617.72)
AV	41+31.8	27.1' L	(617.69)
AW	41+36.8	32.0' L	617.56
AX	41+36.8	27.0' L	617.49
BA	41+41.8	27.0' L	617.41
BB	41+46.8	27.0' L	617.35
BC	41+41.8	32.0' L	617.48
BD	41+46.8	32.0' L	617.41

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BE	41+41.8	37.0' L	617.56
BF	41+46.8	37.0' L	617.49
BG	41+41.8	42.0' L	617.72
BH	41+46.8	42.1' L	617.64
BI	41+73.8	32.5' L	(617.65)
BJ	41+73.8	26.5' L	(617.73)
BK	41+41.7	46.6' L	617.88
BL	41+46.8	46.6' L	617.80
BM	41+41.7	49.5' L	617.93
BN	41+41.2	49.5' L	617.93
BO	41+41.2	51.5' L	(617.96)
BP	41+46.8	51.5' L	(617.85)
ZA	41+41.4	0.0'	(618.20)
ZB	41+47.4	0.0'	(618.24)

ADA GRADING TABLE

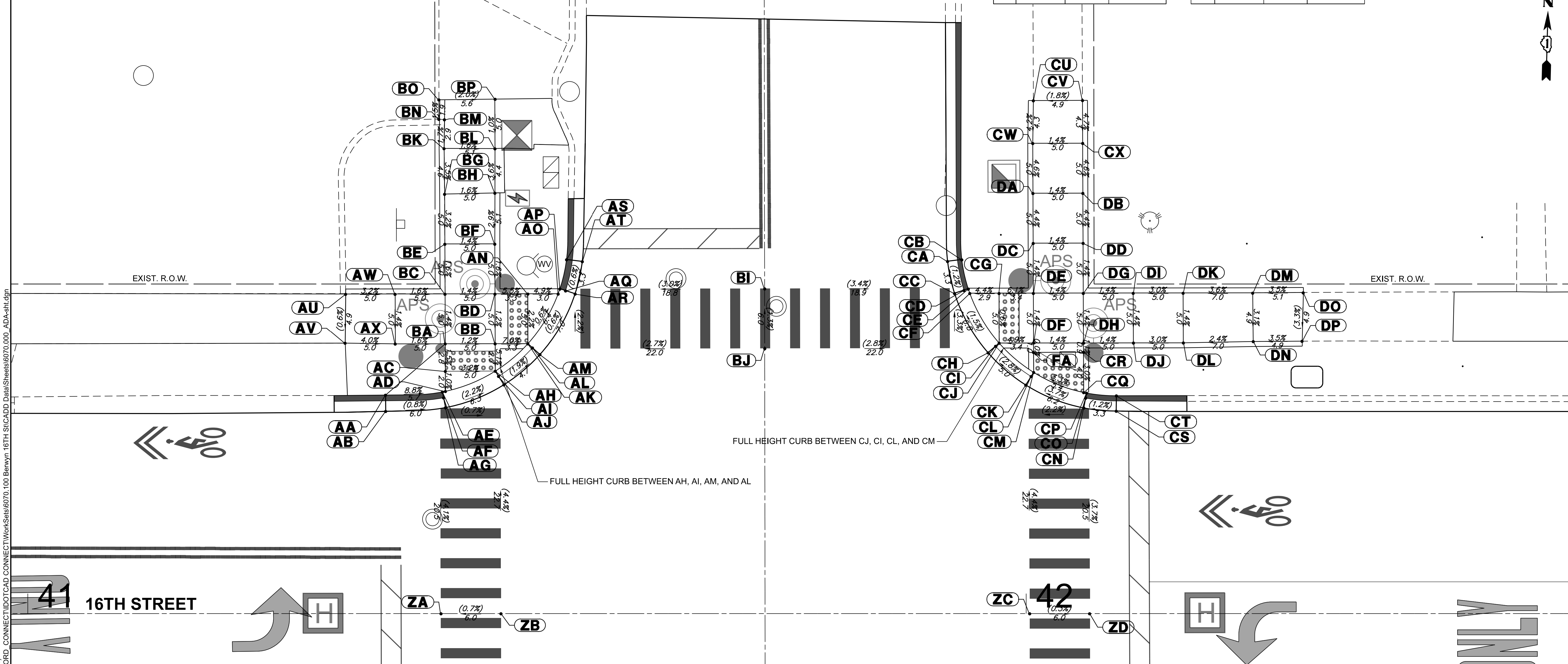
	STATION	OFFSET	ELEVATION
CA	41+92.1	35.3' L	(616.97)
CB	41+93.6	35.5' L	617.41
CC	41+92.8	32.1' L	(617.01)
CD	41+93.8	32.4' L	616.96
CE	41+94.2	32.5' L	617.00
CF	41+94.3	32.1' L	617.00
CG	41+97.3	32.1' L	617.13
CH	41+96.2	26.1' L	(617.11)
CI	41+96.9	26.8' L	617.06
CJ	41+97.3	27.1' L	617.10
CK	42+00	22.9' L	(617.25)
CL	42+00.5	23.7' L	617.25
CM	42+00.8	24.2' L	617.29
CN	42+05.8	20.6' L	(617.48)
CO	42+06	21.6' L	617.43

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CP	42+06	22.1' L	617.47
CQ	42+05.8	22.1' L	617.47
CR	42+05.7	26.2' L	617.35
CS	42+09	20.3' L	(617.52)
CT	42+09	21.8' L	617.96
CU	42+00.7	51.4' L	(618.04)
CV	42+05.6	51.4' L	(618.13)
CW	42+00.7	47.1' L	617.86
CX	42+05.7	47.1' L	617.93
DA	42+00.7	42.1' L	617.63
DB	42+05.7	42.1' L	617.70
DC	42+00.7	37.1' L	617.41
DD	42+05.7	37.1' L	617.48
DE	42+00.7	32.1' L	617.34
DF	42+00.7	27.1' L	617.27

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DG	42+05.7	32.1' L	617.41
DH	42+05.7	27.1' L	617.34
DI	42+10.7	32.1' L	617.48
DJ	42+10.7	27.1' L	617.41
DK	42+15.7	32.1' L	617.63
DL	42+15.7	27.1' L	617.56
DM	42+22.7	32.1' L	617.88
DN	42+22.7	27.2' L	617.73
DO	42+27.8	32.2' L	(618.06)
DP	42+27.7	27.3' L	(617.90)
FA	42+00.7	26.2' L	617.27
ZC	42+00.3	0.0'	(618.26)
ZD	42+06.3	0.0'	(618.24)



GHA GEWALT HAMILTON ASSOCIATES, INC.

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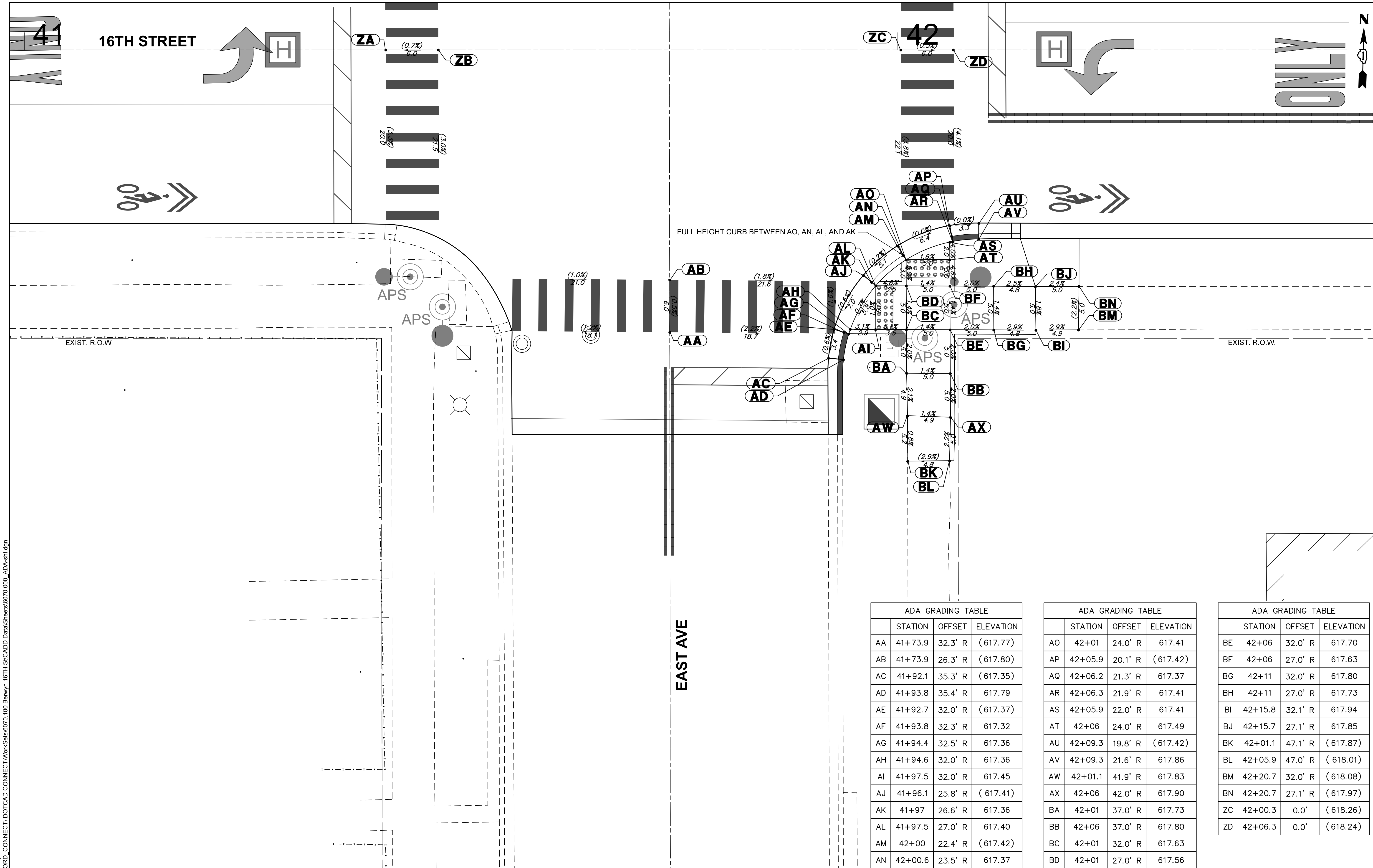
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 20 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	77
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	41+73.9	32.3' R	(617.77)
AB	41+73.9	26.3' R	(617.80)
AC	41+92.1	35.3' R	(617.35)
AD	41+93.8	35.4' R	617.79
AE	41+92.7	32.0' R	(617.37)
AF	41+93.8	32.3' R	617.32
AG	41+94.4	32.5' R	617.36
AH	41+94.6	32.0' R	617.36
AI	41+97.5	32.0' R	617.45
AJ	41+96.1	25.8' R	(617.41)
AK	41+97	26.6' R	617.36
AL	41+97.5	27.0' R	617.40
AM	42+00	22.4' R	(617.42)
AN	42+00.6	23.5' R	617.37

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AO	42+01	24.0' R	617.41
AP	42+05.9	20.1' R	(617.42)
AQ	42+06.2	21.3' R	617.37
AR	42+06.3	21.9' R	617.41
AS	42+05.9	22.0' R	617.41
AT	42+06	24.0' R	617.49
AU	42+09.3	19.8' R	(617.42)
AV	42+09.3	21.6' R	617.86
AW	42+01.1	41.9' R	617.83
AX	42+06	42.0' R	617.90
BA	42+01	37.0' R	617.73
BB	42+06	37.0' R	617.80
BC	42+01	32.0' R	617.63
BD	42+01	27.0' R	617.56

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BE	42+06	32.0' R	617.70
BF	42+06	27.0' R	617.63
BG	42+11	32.0' R	617.80
BH	42+11	27.0' R	617.73
BI	42+15.8	32.1' R	617.94
BJ	42+15.7	27.1' R	617.85
BK	42+01.1	47.1' R	(617.87)
BL	42+05.9	47.0' R	(618.01)
BM	42+20.7	32.0' R	(618.08)
BN	42+20.7	27.1' R	(617.97)
ZC	42+00.3	0.0'	(618.26)
ZD	42+06.3	0.0'	(618.24)

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (11-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 21 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	78
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	44+71.8	21.9' L	617.37
AB	44+71.8	20.3' L	(616.93)
AC	44+74.8	22.5' L	616.95
AD	44+74.6	22.0' L	616.99
AE	44+74.8	21.9' L	616.95
AF	44+74.8	21.3' L	616.91
AG	44+74.8	20.3' L	(616.96)
AH	44+79.8	22.4' L	617.03
AI	44+80	21.8' L	616.99
AJ	44+80.2	20.9' L	(617.04)
AK	44+82.6	23.5' L	617.46
AL	44+83.3	22.1' L	(617.02)
AM	44+85.5	25.3' L	617.42
AN	44+86.5	24.2' L	(616.98)
AO	44+87.6	27.5' L	616.93

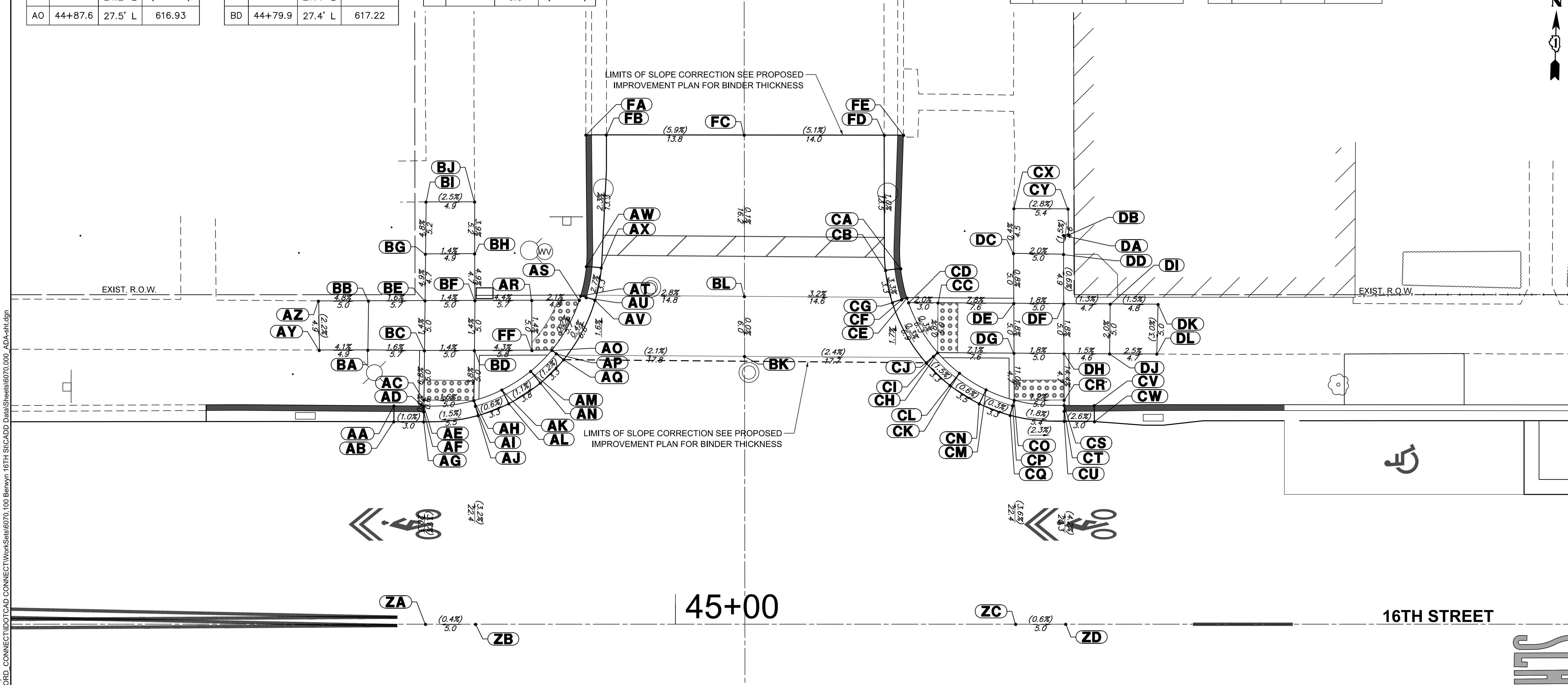
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AP	44+88.1	27.1' L	616.89
AQ	44+88.8	26.5' L	(616.94)
AR	44+85.6	32.4' L	617.04
AS	44+90.4	32.5' L	616.94
AT	44+90.5	32.9' L	616.94
AU	44+91.1	32.7' L	616.90
AV	44+92	32.5' L	616.91
AW	44+91.1	35.8' L	617.26
AX	44+92.6	35.7' L	616.82
AY	44+64.3	27.5' L	(617.58)
AZ	44+64.3	32.4' L	(617.69)
BA	44+69.2	27.5' L	617.38
BB	44+69.3	32.4' L	617.45
BC	44+74.9	27.4' L	617.29
BD	44+79.9	27.4' L	617.22

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BE	44+74.9	32.4' L	617.36
BF	44+79.9	32.4' L	617.29
BG	44+75	37.1' L	617.59
BH	44+79.9	37.1' L	617.52
BI	44+75	42.3' L	(617.84)
BJ	44+79.9	42.3' L	(617.72)
BK	45+06.9	26.8' L	(617.31)
BL	45+06.9	32.8' L	(617.31)
FA	44+91	49.0' L	(616.95)
FB	44+93.1	49.0' L	(616.51)
FC	45+06.9	49.0' L	(617.32)
FF	44+85.6	27.4' L	616.97
ZA	44+75	0.0'	(617.72)
ZB	44+80	0.0'	(617.74)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	45+22.6	35.6' L	617.19
CB	45+21	35.5' L	616.75
CC	45+26.3	32.2' L	616.91
CD	45+23.3	32.2' L	616.85
CE	45+23.2	32.7' L	616.85
CF	45+22.6	32.5' L	616.81
CG	45+21.7	32.2' L	616.86
CH	45+26.3	27.2' L	616.87
CI	45+25.8	26.8' L	616.83
CJ	45+25.1	26.2' L	(616.88)
CK	45+28.4	25.1' L	617.37
CL	45+27.5	23.9' L	(616.93)
CM	45+31.1	23.5' L	617.35
CN	45+30.4	22.1' L	(616.91)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CO	45+33.9	22.4' L	616.89
CP	45+33.8	21.9' L	616.85
CQ	45+33.5	20.9' L	(616.90)
CR	45+38.9	22.5' L	616.83
CS	45+38.9	21.9' L	616.82
CT	45+38.9	21.3' L	616.78
CU	45+38.9	20.3' L	(616.80)
CV	45+41.9	21.9' L	617.16
CW	45+42	20.3' L	(616.72)
CX	45+33.9	41.6' L	(617.48)
CY	45+39.3	41.6' L	(617.63)
DA	45+38.9	39.0' L	(617.56)
DB	45+39.4	39.0' L	(617.57)
DC	45+33.9	37.1' L	617.46

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DD	45+38.9	37.1' L	(617.56)
DE	45+33.9	32.1' L	617.50
DF	45+38.9	32.1' L	(617.59)
DG	45+33.9	27.1' L	617.41
DH	45+38.9	27.1' L	617.50
DI	45+43.6	32.1' L	(617.53)
DJ	45+43.5	27.1' L	617.43
DK	45+48.3	32.1' L	(617.46)
DL	45+48.2	27.1' L	(617.31)
FD	45+20.9	49.0' L	(616.61)
FE	45+22.8	49.0' L	(617.05)
ZC	45+34.1	0.0'	(617.69)
ZD	45+39.1	0.0'	(617.66)



MODEL: ADA (12)
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GHA GEWALT HAMILTON ASSOCIATES, INC.

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

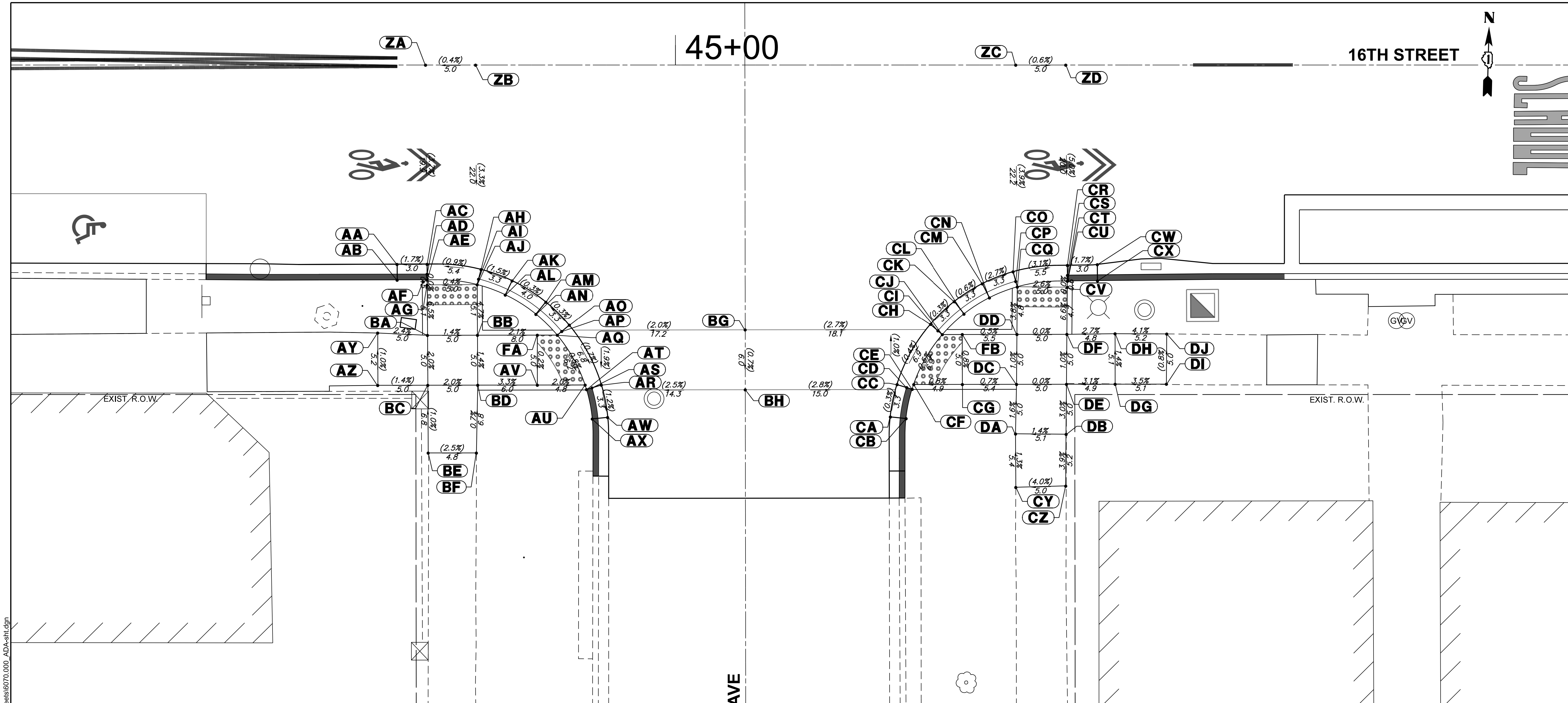
ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 22 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	79

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	44+72.1	19.9' R	(616.93)
AB	44+72.1	21.5' R	617.37
AC	44+75.1	19.9' R	(616.98)
AD	44+75.1	20.9' R	616.96
AE	44+75.1	21.5' R	617.00
AF	44+74.7	21.7' R	617.05
AG	44+75.1	22.0' R	617.00
AH	44+80.5	20.5' R	(617.03)
AI	44+80.3	21.4' R	616.98
AJ	44+80.1	22.0' R	617.02
AK	44+83.6	21.6' R	(617.08)
AL	44+83	23.0' R	617.52
AM	44+87	23.7' R	(617.09)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AN	44+86	24.9' R	617.53
AO	44+89.4	26.0' R	(617.10)
AP	44+88.6	26.7' R	617.05
AQ	44+88.2	27.0' R	617.09
AR	44+92.6	32.0' R	(617.05)
AS	44+91.6	32.3' R	617.00
AT	44+91.1	32.5' R	617.04
AU	44+91	32.0' R	617.04
AV	44+86.2	32.0' R	617.13
AW	44+93.2	35.3' R	(617.01)
AX	44+91.7	35.4' R	617.45
AY	44+70.2	26.8' R	(617.45)
AZ	44+70.2	32.1' R	(617.50)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BA	44+75.2	27.1' R	617.33
BB	44+80.2	27.1' R	617.26
BC	44+75.2	32.1' R	(617.43)
BD	44+80.2	32.1' R	617.33
BE	44+75.2	38.8' R	(617.50)
BF	44+80.1	38.8' R	(617.38)
BG	45+07	26.5' R	(617.44)
BH	45+07	32.5' R	(617.40)
FA	44+86.2	27.0' R	617.12
ZA	44+75	0.0'	(617.72)
ZB	44+80	0.0'	(617.74)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CA	45+21.5	35.2' R	(616.99)
CB	45+23.1	35.4' R	617.43
CC	45+22.2	32.0' R	(616.98)
CD	45+23.1	32.3' R	616.93
CE	45+23.7	32.5' R	616.97
CF	45+23.8	32.0' R	616.97
CG	45+28.7	32.0' R	617.01
CH	45+25.5	26.0' R	(616.95)
CI	45+26.3	26.6' R	616.90
CJ	45+26.7	27.0' R	616.94
CK	45+27.9	23.7' R	(616.94)
CL	45+28.9	24.9' R	617.38
CM	45+30.7	21.9' R	(616.92)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CN	45+31.4	23.3' R	617.36
CO	45+33.8	20.7' R	(616.83)
CP	45+34.1	21.6' R	616.78
CQ	45+34.2	22.2' R	616.82
CR	45+39.3	20.0' R	(616.66)
CS	45+39.3	21.0' R	616.65
CT	45+39.2	21.6' R	616.69
CU	45+39.3	21.6' R	616.69
CV	45+39.2	22.2' R	616.69
CW	45+42.3	20.0' R	(616.61)
CX	45+42.3	21.6' R	617.05
CY	45+34.1	42.3' R	(617.20)
CZ	45+39.1	42.1' R	(617.40)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DA	45+34.1	36.9' R	617.13
DB	45+39.1	37.0' R	617.20
DC	45+34.2	32.0' R	617.05
DD	45+34.2	27.0' R	617.00
DE	45+39.2	32.0' R	617.05
DF	45+39.2	27.0' R	617.00
DG	45+44	32.0' R	617.20
DH	45+44	26.9' R	617.13
DI	45+49.2	32.0' R	(617.38)
DJ	45+49.2	26.9' R	(617.34)
FB	45+28.7	27.0' R	616.97
ZC	45+34.1	0.0'	(617.69)
ZD	45+39.1	0.0'	(617.66)

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (12-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -			
	DRAWN - AMK	REVISED -			
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -			
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 23 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	80

CONTRACT NO. 61L54

ILLINOIS FED. AID PROJECT

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	48+05.3	13.0' L	(617.02)
AB	48+05.3	14.6' L	617.46
AC	48+08.5	13.1' L	(617.09)
AD	48+08.4	14.1' L	617.04
AE	48+08.3	14.7' L	617.08
AF	48+08.5	14.7' L	617.08
AG	48+08.5	18.0' L	617.04
AH	48+14.1	14.4' L	(617.11)
AI	48+13.7	15.5' L	617.06
AJ	48+13.5	16.0' L	617.10
AK	48+17.1	15.8' L	(617.09)
AL	48+16.1	17.4' L	617.53
AM	48+24.4	23.4' L	(616.87)
AN	48+22.6	24.3' L	617.31
AO	48+25.7	26.4' L	(616.84)
AP	48+24.4	26.9' L	616.79

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AQ	48+23.8	27.1' L	616.83
AR	48+26.8	32.1' L	(616.70)
AS	48+25.4	32.1' L	616.65
AT	48+24.8	32.2' L	616.69
AU	48+24.8	32.1' L	616.69
AV	48+21.8	32.1' L	616.73
AW	48+26.8	35.2' L	(616.50)
AX	48+24.8	35.2' L	616.94
AY	48+03.6	27.1' L	617.08
AZ	48+03.7	32.0' L	617.15
BA	48+08.6	27.0' L	616.89
BB	48+13.6	27.0' L	616.89
BC	48+08.6	32.0' L	616.94
BD	48+13.6	32.0' L	616.89
BE	48+08.6	36.8' L	617.16
BF	48+13.5	36.9' L	617.09

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BG	48+40.2	26.6' L	(617.31)
BH	48+40.2	32.6' L	(617.21)
BI	47+98.5	27.1' L	617.29
BJ	47+98.5	32.0' L	617.36
BK	47+93.5	27.1' L	(617.48)
BL	47+93.5	32.1' L	(617.56)
BM	48+08.6	41.9' L	617.37
BN	48+13.4	41.9' L	617.30
BO	48+08.5	46.8' L	(617.55)
BP	48+13.4	46.8' L	(617.47)
FA	48+13.5	18.0' L	617.06
FB	48+21.8	27.1' L	616.85
ZA	48+07.9	0.0'	(617.44)
ZB	48+13.9	0.0'	(617.49)

ADA GRADING TABLE

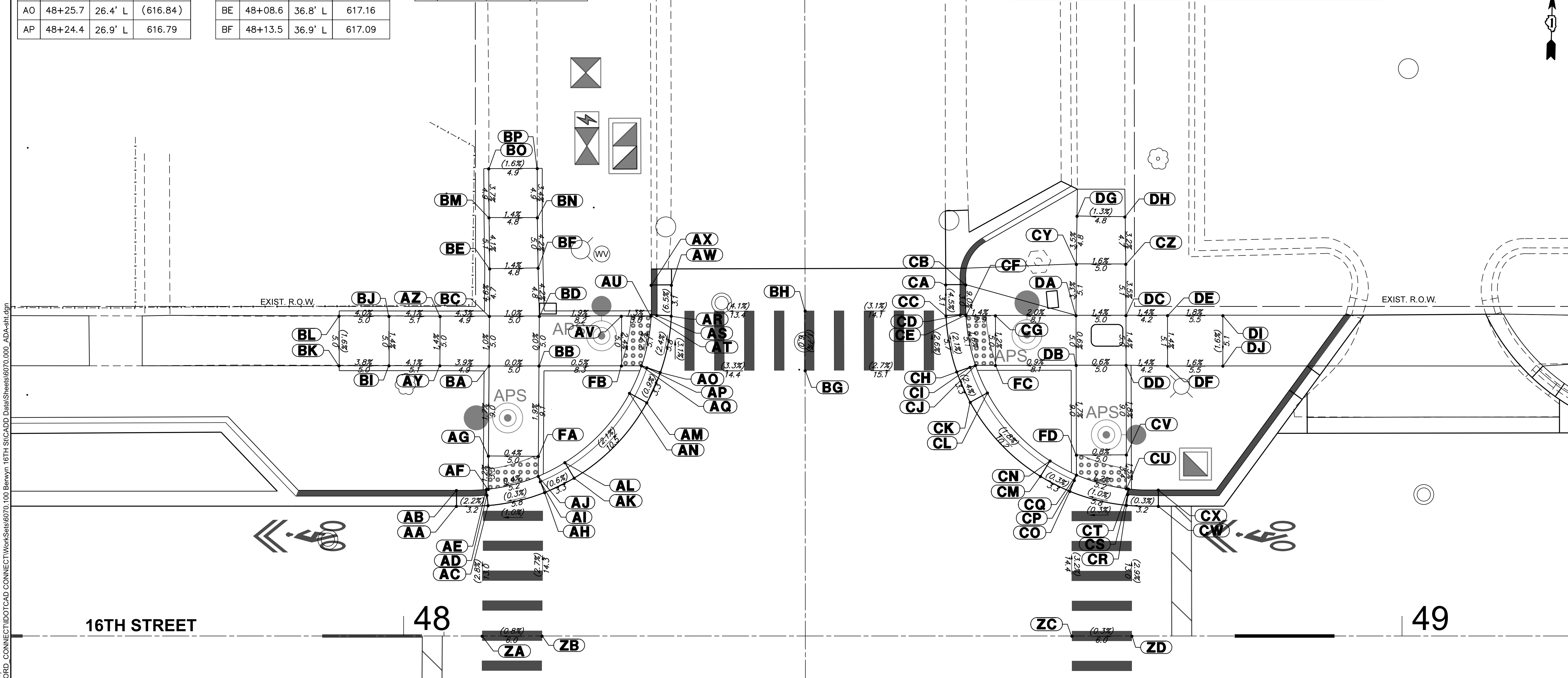
	STATION	OFFSET	ELEVATION
CA	48+54.3	35.2' L	(616.65)
CB	48+56.3	35.2' L	617.09
CC	48+54.3	32.1' L	(616.79)
CD	48+55.7	32.2' L	616.78
CE	48+56.3	32.2' L	616.82
CF	48+56.3	32.1' L	616.82
CG	48+59.3	32.1' L	616.86
CH	48+55.4	26.5' L	(616.91)
CI	48+56.7	26.9' L	616.86
CJ	48+57.3	27.1' L	616.90
CK	48+56.8	23.4' L	(616.99)
CL	48+58.5	24.3' L	617.43
CM	48+63.8	16.0' L	(617.17)
CN	48+64.7	17.5' L	617.61

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CO	48+66.7	14.5' L	(617.18)
CP	48+67.2	15.6' L	617.13
CQ	48+67.4	16.1' L	617.17
CR	48+72.4	13.1' L	(617.24)
CS	48+72.5	14.2' L	617.19
CT	48+72.6	14.7' L	617.23
CU	48+72.4	14.8' L	617.23
CV	48+72.4	18.1' L	617.18
CW	48+75.6	13.0' L	(617.25)
CX	48+75.6	14.6' L	617.69
CY	48+67.4	37.2' L	617.19
CZ	48+72.3	37.3' L	617.27
DA	48+67.3	32.1' L	617.02
DB	48+67.4	27.1' L	616.99

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DC	48+72.3	32.1' L	617.09
DD	48+72.4	27.1' L	617.02
DE	48+76.5	32.1' L	617.15
DF	48+76.5	27.0' L	617.08
DG	48+67.4	42.1' L	(617.36)
DH	48+72.2	42.0' L	(617.42)
DI	48+82.1	32.1' L	(617.25)
DJ	48+82.1	27.0' L	(617.17)
FC	48+59.3	27.1' L	616.92
FD	48+67.4	18.1' L	617.14
ZC	48+66.9	0.0'	(617.64)
ZD	48+72.9	0.0'	(617.62)



USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 24 OF 37 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	81
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (13)
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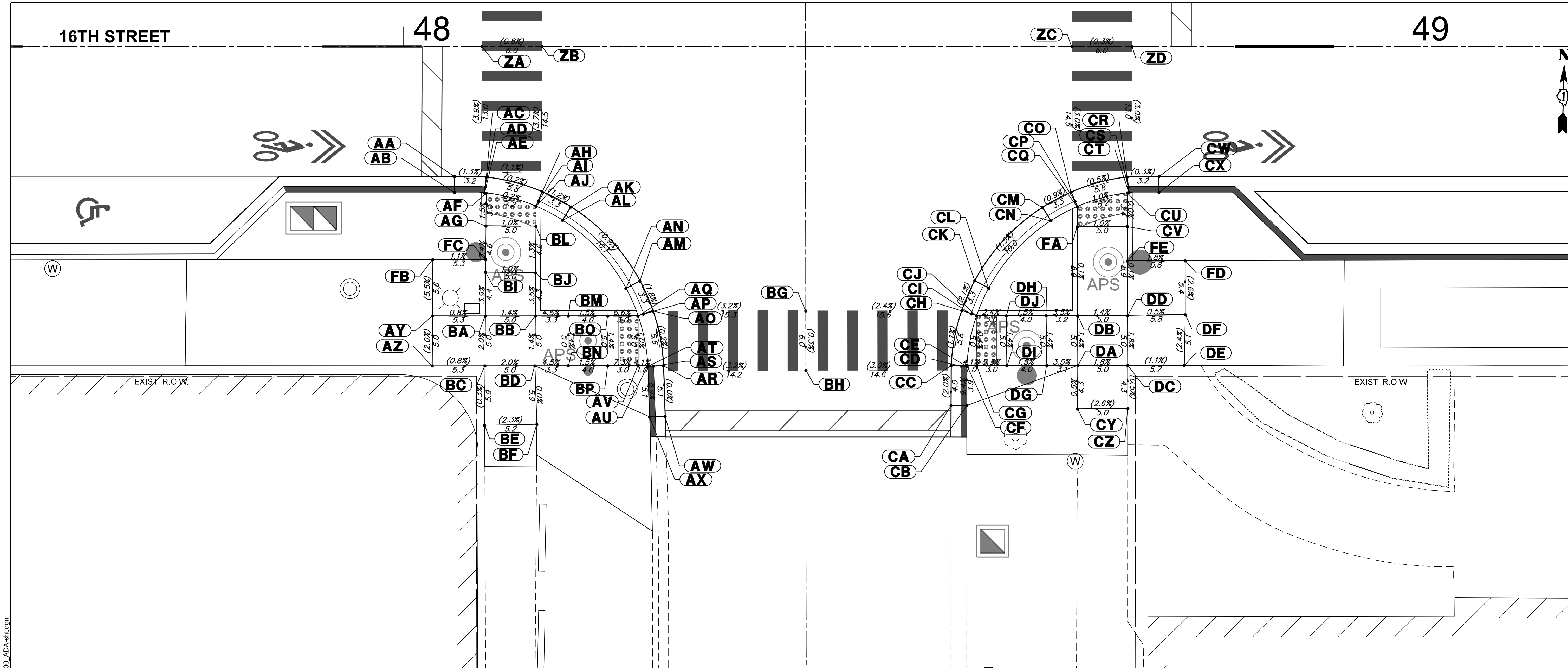


ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	48+05.1	13.0' R	(616.90)
AB	48+05.1	14.6' R	617.34
AC	48+08.3	13.1' R	(616.94)
AD	48+08.2	14.1' R	616.89
AE	48+08.1	14.6' R	616.93
AF	48+08.3	14.7' R	616.93
AG	48+08.2	17.9' R	616.98
AH	48+13.9	14.5' R	(616.95)
AI	48+13.5	15.5' R	616.90
AJ	48+13.3	16.0' R	616.94
AK	48+16.8	16.0' R	(616.99)
AL	48+15.9	17.4' R	617.43
AM	48+23.7	23.5' R	(616.90)
AN	48+22.3	24.2' R	617.34
AO	48+25	26.4' R	(616.84)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AP	48+24	26.8' R	616.79
AQ	48+23.5	27.0' R	616.83
AR	48+26	31.9' R	(616.85)
AS	48+25	32.0' R	616.80
AT	48+24.5	32.0' R	616.84
AU	48+24.5	32.0' R	616.84
AV	48+23.5	32.0' R	616.88
AW	48+26.2	37.0' R	(616.85)
AX	48+24.6	37.1' R	617.29
AY	48+02.9	27.0' R	(617.35)
AZ	48+02.9	32.0' R	(617.45)
BA	48+08.2	27.0' R	617.31
BB	48+13.2	27.0' R	617.24
BC	48+08.1	32.0' R	(617.41)
BD	48+13.1	32.0' R	617.31

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BE	48+08.1	37.9' R	(617.43)
BF	48+13.3	37.8' R	(617.31)
BG	48+40.3	26.4' R	(617.33)
BH	48+40.3	32.4' R	(617.31)
BI	48+08.2	22.6' R	617.14
BJ	48+13.2	22.6' R	617.09
BL	48+13.2	18.0' R	617.03
BM	48+16.5	27.0' R	617.09
BN	48+16.5	32.0' R	617.16
BO	48+20.5	27.0' R	617.03
BP	48+20.5	32.0' R	617.10
FB	48+02.9	21.3' R	(617.04)
FC	48+08.2	21.3' R	617.10
ZA	48+07.9	0.0'	(617.44)
ZB	48+13.9	0.0'	(617.49)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	48+54.8	35.9' R	(616.81)
CB	48+56.4	35.9' R	617.25
CC	48+54.8	31.9' R	(616.89)
CD	48+55.8	32.0' R	616.84
CE	48+56.4	32.0' R	616.88
CF	48+56.4	31.9' R	616.88
CG	48+57.4	31.9' R	616.92
CH	48+55.9	26.4' R	(616.95)
CI	48+56.8	26.7' R	616.90
CJ	48+57.4	26.9' R	616.94
CK	48+57.2	23.4' R	(617.02)
CL	48+58.6	24.2' R	617.46
CM	48+64	16.1' R	(617.17)
CN	48+64.8	17.4' R	617.61

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CO	48+66.9	14.6' R	(617.20)
CP	48+67.3	15.5' R	617.15
CQ	48+67.5	16.0' R	617.19
CR	48+72.5	13.1' R	(617.23)
CS	48+72.6	14.0' R	617.20
CT	48+72.7	14.6' R	617.24
CU	48+72.5	14.6' R	617.24
CV	48+72.5	18.0' R	617.24
CW	48+75.7	13.0' R	(617.22)
CX	48+75.7	14.6' R	617.66
CY	48+67.5	36.3' R	(617.23)
CZ	48+72.5	36.2' R	(617.36)
DA	48+67.5	31.9' R	617.25
DB	48+67.5	26.9' R	617.18

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DC	48+72.5	31.9' R	(617.34)
DD	48+72.5	26.9' R	617.25
DE	48+78.2	31.9' R	(617.40)
DF	48+78.3	26.8' R	(617.28)
DG	48+64.4	31.9' R	617.14
DH	48+64.4	26.9' R	617.07
DI	48+60.4	31.9' R	617.08
DJ	48+60.4	26.9' R	617.01
FA	48+67.5	18.0' R	617.19
FD	48+78.3	21.4' R	(617.14)
FE	48+72.5	21.4' R	617.24
ZC	48+66.9	0.0'	(617.64)
ZD	48+72.9	0.0'	(617.62)

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (13-2)
FILE NAME: G:\ORD_CONNECT\DOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 25 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	82

CONTRACT NO. 61L54

ILLINOIS FED. AID PROJECT

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AA	51+37.8	13.0' L	(616.82)
AB	51+37.8	14.6' L	617.26
AC	51+41	13.1' L	(616.84)
AD	51+40.9	14.1' L	616.79
AE	51+40.8	14.7' L	616.83
AF	51+41	14.7' L	616.83
AG	51+41	16.0' L	616.84
AH	51+46.6	14.5' L	(616.87)
AI	51+46.2	15.5' L	616.82
AJ	51+46	16.1' L	616.86
AK	51+49.6	15.9' L	(616.86)
AL	51+48.6	17.5' L	617.30
AM	51+57.2	24.4' L	(616.66)
AN	51+55.4	25.3' L	617.10
AO	51+58.3	27.5' L	(616.57)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AP	51+57	27.9' L	616.52
AQ	51+56.4	28.1' L	616.56
AR	51+59.1	33.1' L	616.52
AS	51+57.7	33.1' L	616.51
AT	51+57.1	33.1' L	616.55
AU	51+57.1	33.1' L	616.55
AV	51+56.4	33.1' L	616.58
AW	51+59.1	36.1' L	616.43
AX	51+57.1	36.1' L	616.87
AY	51+28.7	27.1' L	(617.42)
AZ	51+28.6	33.1' L	(617.61)
BA	51+34.6	27.1' L	617.49
BB	51+34.7	33.1' L	(617.59)
BC	51+40.8	27.0' L	617.46
BD	51+45.8	27.0' L	617.37

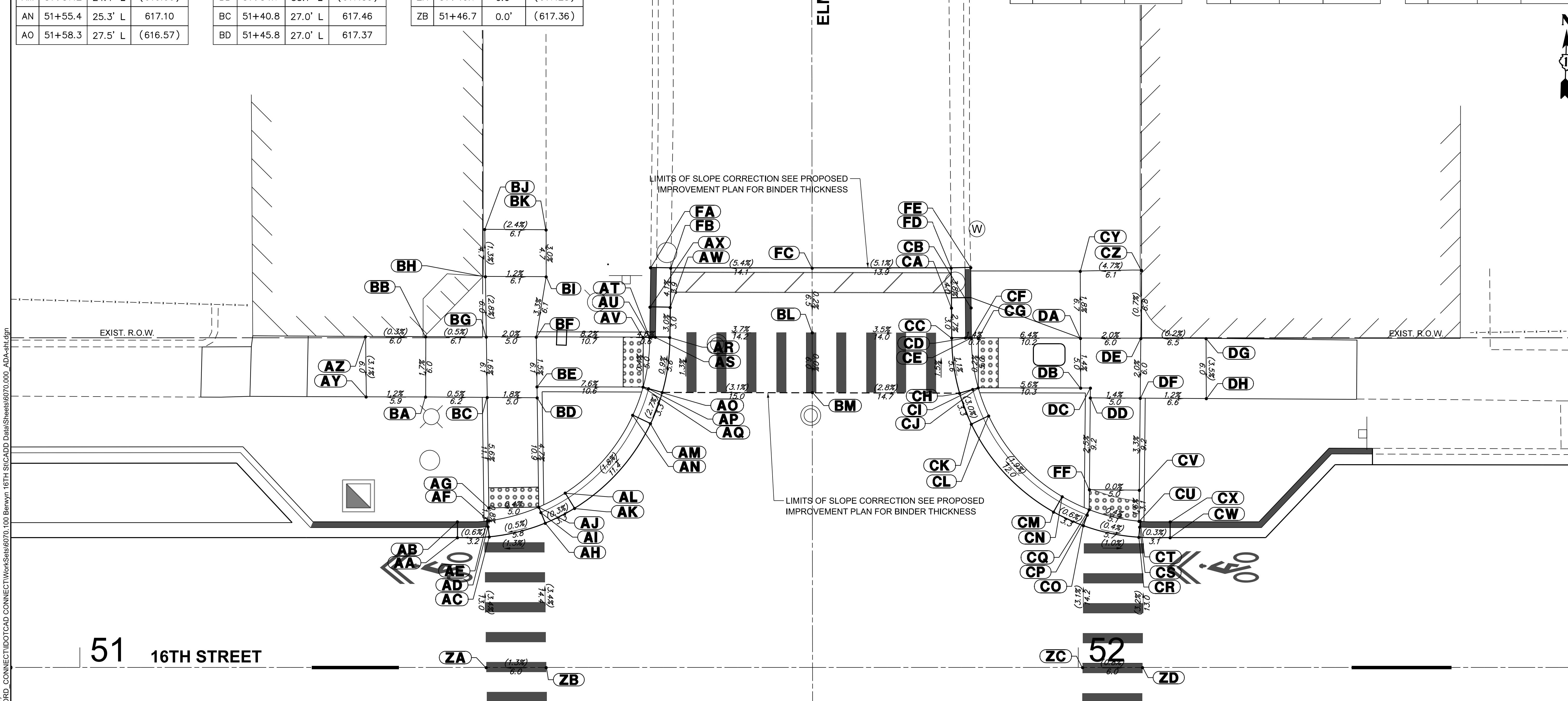
	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BE	51+45.8	28.1' L	617.37
BF	51+45.7	33.1' L	617.46
BG	51+40.7	33.1' L	(617.56)
BH	51+40.6	39.1' L	(617.73)
BI	51+46.7	39.1' L	617.66
BJ	51+40.6	43.9' L	(617.67)
BK	51+46.7	43.8' L	(617.52)
BL	51+73.4	33.5' L	(617.03)
BM	51+73.4	27.5' L	(617.03)
FA	51+57.2	40.0' L	(616.71)
FB	51+59.2	40.0' L	(616.27)
FC	51+73.3	40.0' L	(617.04)
ZA	51+40.7	0.0'	(617.28)
ZB	51+46.7	0.0'	(617.36)

ELMWOOD AVE

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CA	51+87.3	36.0' L	616.48
CB	51+89.3	36.0' L	616.92
CC	51+87.3	33.0' L	616.56
CD	51+88.7	33.0' L	616.55
CE	51+89.3	33.0' L	616.59
CF	51+89.3	33.0' L	616.59
CG	51+90	33.0' L	616.60
CH	51+88.1	27.5' L	(616.62)
CI	51+89.4	27.8' L	616.57
CJ	51+90	28.0' L	616.61
CK	51+89.3	24.4' L	(616.72)
CL	51+91	25.2' L	617.16
CM	51+97.5	15.6' L	(616.95)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CN	51+98.4	17.1' L	617.39
CO	52+00.5	14.2' L	(616.93)
CP	52+00.9	15.3' L	616.88
CQ	52+01.1	15.8' L	616.92
CR	52+06.1	13.0' L	(616.91)
CS	52+06.2	14.1' L	616.86
CT	52+06.2	14.6' L	616.90
CU	52+06.1	14.6' L	616.90
CV	52+06.1	17.7' L	616.95
CW	52+09.2	13.0' L	(616.90)
CX	52+09.2	14.6' L	617.34
CY	52+00.2	39.7' L	(617.13)
CZ	52+06.3	39.8' L	(617.42)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
DA	52+00.2	33.0' L	617.25
DB	52+00.2	28.0' L	617.18
DC	52+01.2	28.0' L	617.18
DD	52+01.2	27.0' L	617.18
DE	52+06.3	33.0' L	(617.37)
DF	52+06.2	27.0' L	617.25
DG	52+12.8	32.9' L	(617.38)
DH	52+12.8	26.9' L	(617.17)
FD	51+87.3	40.0' L	(616.33)
FE	51+89.2	40.0' L	(616.77)
FF	52+01.1	17.8' L	616.95
ZC	52+00.4	0.0'	(617.37)
ZD	52+06.4	0.0'	(617.32)



GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (14)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

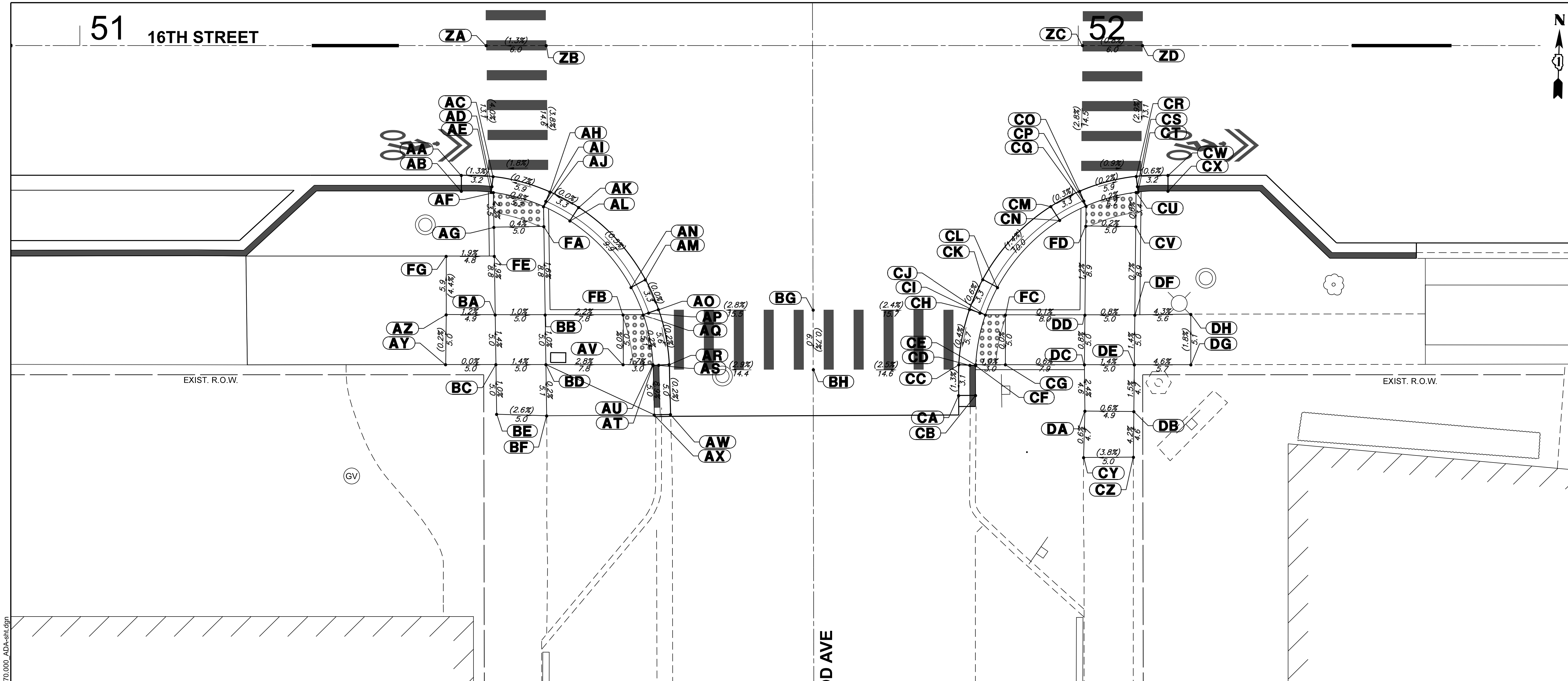
USER NAME	= akopel	DESIGNED -	MJV	REVISED	-
		DRAWN -	AMK	REVISED	-
PLOT SCALE	= 5.000 ' / in.	CHECKED -	KLB	REVISED	-
PLOT DATE	= 02/11/2026	DATE -	02/11/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 26 OF 37 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	83
		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		



ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	51+38.2	13.0' R	(616.72)
AB	51+38.2	14.6' R	617.16
AC	51+41.4	13.1' R	(616.76)
AD	51+41.3	14.1' R	616.71
AE	51+41.2	14.7' R	616.75
AF	51+41.4	14.7' R	616.75
AG	51+41.5	18.2' R	616.83
AH	51+47.1	14.7' R	(616.80)
AI	51+46.7	15.6' R	616.75
AJ	51+46.4	16.1' R	616.79
AK	51+50	16.2' R	(616.80)
AL	51+49.1	17.6' R	617.24
AM	51+56.7	23.5' R	(616.75)
AN	51+55.2	24.2' R	617.19

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AO	51+58	26.4' R	(616.75)
AP	51+57	26.8' R	616.70
AQ	51+56.4	27.0' R	616.74
AR	51+59	32.0' R	(616.74)
AS	51+58	32.0' R	616.69
AT	51+57.4	32.1' R	616.73
AU	51+57.4	32.0' R	616.73
AV	51+54.4	32.0' R	616.78
AW	51+59.2	37.0' R	(616.73)
AX	51+57.5	37.0' R	617.17
AY	51+36.6	32.0' R	(617.07)
AZ	51+36.7	27.0' R	(617.06)
BA	51+41.6	27.0' R	617.00
BB	51+46.6	27.0' R	616.95

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BC	51+41.7	32.0' R	617.07
BD	51+46.7	32.0' R	617.00
BE	51+41.8	37.0' R	(617.12)
BF	51+46.8	37.1' R	(616.99)
BG	51+73.4	26.5' R	(617.19)
BH	51+73.5	32.5' R	(617.15)
FA	51+46.5	18.1' R	616.81
FB	51+54.4	27.0' R	616.78
FE	51+41.5	21.1' R	616.89
FG	51+36.7	21.1' R	(616.80)
ZA	51+40.7	0.0'	(617.28)
ZB	51+46.7	0.0'	(617.36)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CA	51+88	35.1' R	(616.75)
CB	51+89.7	35.1' R	617.19
CC	51+88	32.0' R	(616.79)
CD	51+89.1	32.0' R	616.74
CE	51+89.7	32.0' R	616.78
CF	51+89.7	32.1' R	616.78
CG	51+92.7	32.0' R	616.81
CH	51+89.1	26.4' R	(616.81)
CI	51+90.2	26.8' R	616.76
CJ	51+90.7	27.0' R	616.80
CK	51+90.4	23.4' R	(616.83)
CL	51+91.9	24.2' R	617.27
CM	51+97.3	16.1' R	(616.97)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CN	51+98.1	17.5' R	617.41
CO	52+00.1	14.6' R	(616.96)
CP	52+00.6	15.6' R	616.89
CQ	52+00.8	16.1' R	616.95
CR	52+05.8	13.1' R	(616.95)
CS	52+05.9	14.1' R	616.90
CT	52+06	14.7' R	616.94
CU	52+05.8	14.7' R	616.94
CV	52+05.8	18.1' R	616.92
CW	52+09	13.0' R	(616.93)
CX	52+09	14.6' R	617.37
CY	52+00.5	41.3' R	(617.00)
CZ	52+05.5	41.3' R	(617.19)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DA	52+00.7	36.6' R	616.97
DB	52+05.6	36.7' R	617.00
DC	52+00.6	32.0' R	616.86
DD	52+00.7	27.0' R	616.82
DE	52+05.6	32.0' R	616.93
DF	52+05.7	27.0' R	616.86
DG	52+11.3	32.0' R	(617.19)
DH	52+11.3	26.9' R	(617.10)
FC	51+92.7	27.0' R	616.81
FD	52+00.8	18.1' R	616.93
ZC	52+00.4	0.0'	(617.37)
ZD	52+06.4	0.0'	(617.32)

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (14-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 27 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	84

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AA	54+70	19.5' L	(616.70)
AB	54+69.8	21.0' L	617.14
AC	54+75.2	21.0' L	(616.74)
AD	54+74.8	21.9' L	616.69
AE	54+74.6	22.4' L	616.73
AF	54+86.6	31.8' L	(616.73)
AG	54+85.7	32.3' L	616.68
AH	54+85.3	32.5' L	616.72
AI	54+88.3	36.9' L	(616.66)
AJ	54+86.9	37.2' L	617.10

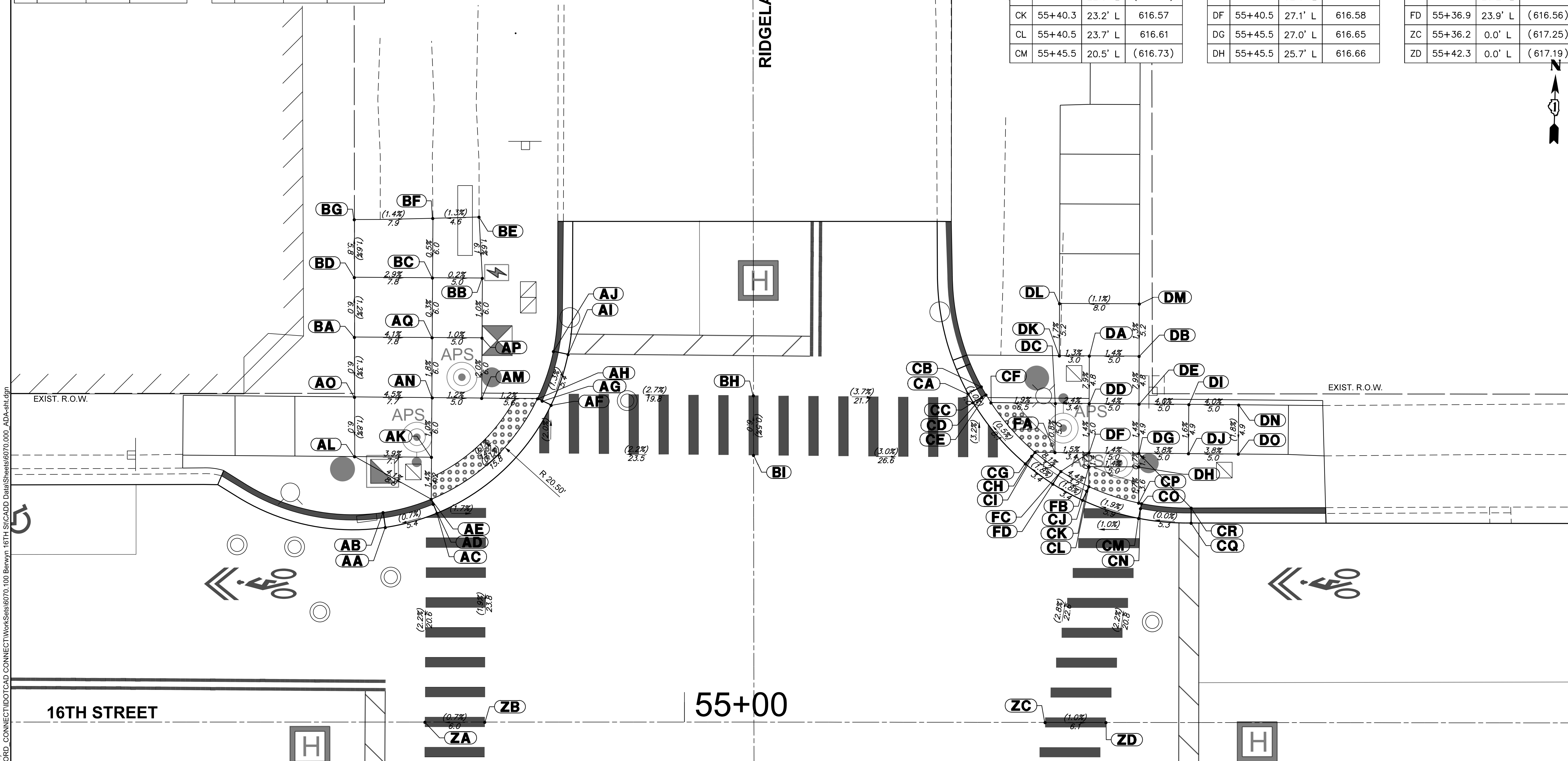
	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AK	54+74.6	26.6' L	616.79
AL	54+66.9	26.7' L	(617.09)
AM	54+79.7	32.5' L	616.79
AN	54+74.7	32.6' L	616.85
AO	54+66.9	32.6' L	(617.20)
AP	54+79.7	38.6' L	616.91
AQ	54+74.7	38.6' L	616.96
BA	54+66.9	38.7' L	(617.28)
BB	54+79.7	44.6' L	616.97
BC	54+74.7	44.6' L	616.98

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BD	54+66.9	44.7' L	(617.21)
BE	54+79.4	50.7' L	617.07
BF	54+74.8	50.6' L	(617.01)
BG	54+66.9	50.5' L	(617.12)
BH	55+06.9	32.8' L	(617.26)
BI	55+06.9	26.8' L	(617.29)
ZA	54+74	0.0'	(617.18)
ZB	54+80	0.0'	(617.22)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CA	55+28.4	33.0' L	(616.45)
CB	55+29.7	33.7' L	616.89
CC	55+28.9	32.1' L	(616.46)
CD	55+29.8	32.6' L	616.41
CE	55+30.2	32.9' L	616.45
CF	55+30.7	32.1' L	616.45
CG	55+34.2	26.0' L	(616.50)
CH	55+34.8	26.7' L	616.45
CI	55+35.1	27.1' L	616.49
CJ	55+39.9	22.3' L	(616.62)
CK	55+40.3	23.2' L	616.57
CL	55+40.5	23.7' L	616.61
CM	55+45.5	20.5' L	(616.73)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CN	55+45.7	21.5' L	616.68
CO	55+45.8	22.0' L	616.72
CP	55+45.5	22.0' L	616.72
CQ	55+50.8	20.0' L	(616.73)
CR	55+50.8	21.5' L	617.17
DA	55+40.6	36.8' L	617.03
DB	55+45.6	36.8' L	617.10
DC	55+37.2	32.0' L	616.57
DD	55+40.6	32.0' L	616.65
DE	55+45.6	32.0' L	616.72
DF	55+40.5	27.1' L	616.58
DG	55+45.5	27.0' L	616.65
DH	55+45.5	25.7' L	616.66

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
DI	55+50.6	31.9' L	616.92
DJ	55+50.5	27.0' L	616.84
DK	55+37.6	36.8' L	616.99
DL	55+37.6	42.1' L	(617.08)
DM	55+45.6	42.0' L	(617.17)
DN	55+55.6	31.9' L	(617.12)
DO	55+55.5	27.0' L	(617.03)
FA	55+37.1	27.1' L	616.53
FB	55+40.5	25.7' L	616.59
FC	55+37.7	25.2' L	616.75
FD	55+36.9	23.9' L	(616.56)
ZC	55+36.2	0.0' L	(617.25)
ZD	55+42.3	0.0' L	(617.19)



GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (15)
FILE NAME: G:\ORD_CONNECT\DOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

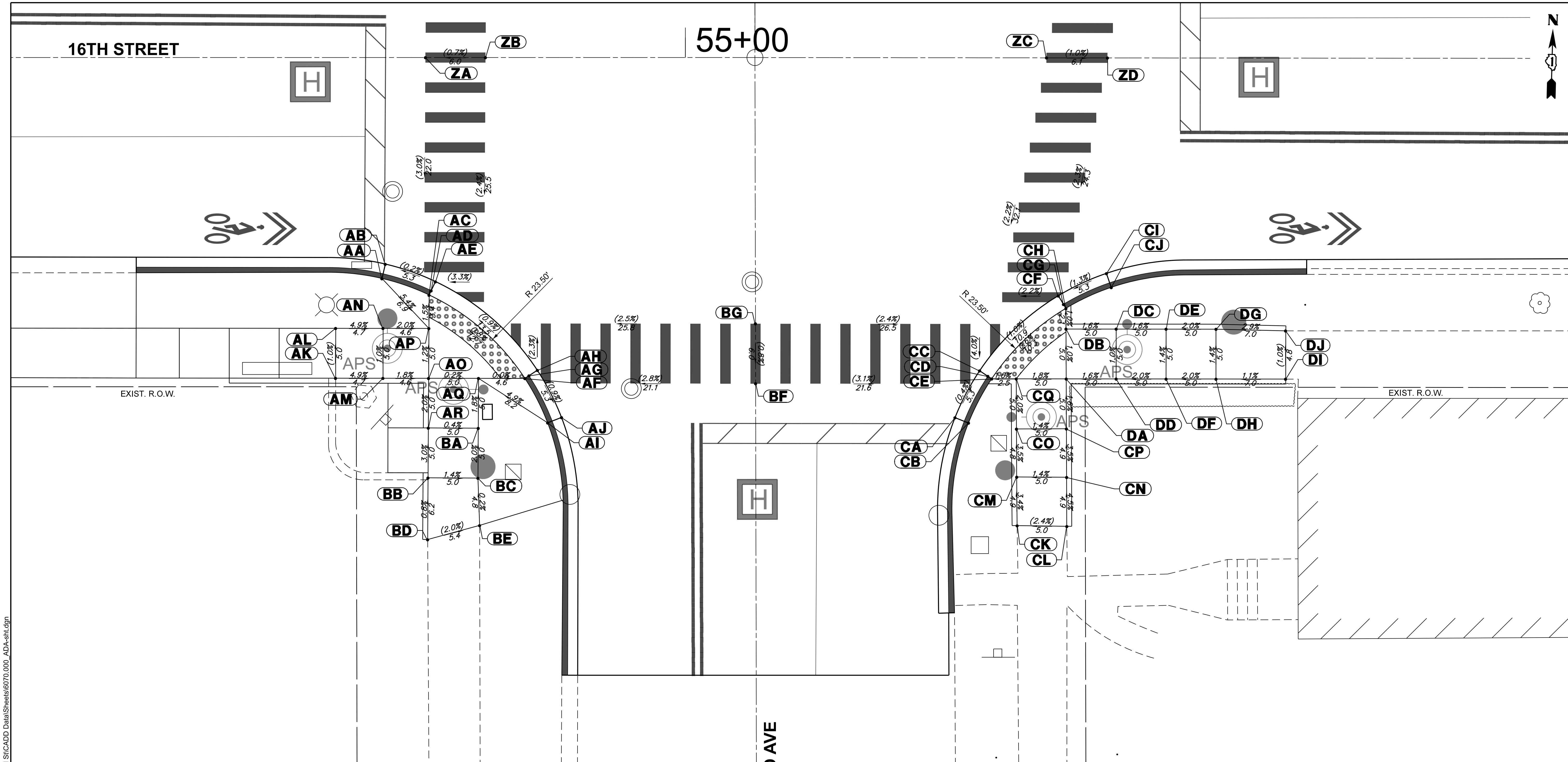
USER NAME = akopel	DESIGNED - MJV	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 28 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	85
		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		



	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AA	54+69.6	22.1' R	616.94
AB	54+70	20.7' R	(616.50)
AC	54+74.3	23.8' R	616.52
AD	54+74.5	23.4' R	616.48
AE	54+75	22.5' R	(616.51)
AF	54+83.9	32.2' R	616.62
AG	54+84.3	31.9' R	616.58
AH	54+85.2	31.3' R	(616.63)
AI	54+86.2	36.6' R	617.02

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AJ	54+87.6	36.1' R	(616.58)
AK	54+65	32.1' R	(616.94)
AL	54+65	27.1' R	(616.89)
AM	54+69.7	32.1' R	616.71
AN	54+69.7	27.1' R	616.66
AO	54+74.3	32.2' R	616.63
AP	54+74.3	27.2' R	616.57
AQ	54+79.3	32.2' R	616.62
AR	54+74.3	37.1' R	616.73

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BA	54+79.3	37.2' R	616.71
BB	54+74.2	42.1' R	616.88
BC	54+79.2	42.2' R	616.81
BD	54+74.2	48.3' R	616.93
BE	54+79.4	46.9' R	616.82
BF	55+07.1	32.7' R	(617.20)
BG	55+07.1	26.7' R	(617.25)
ZA	54+74	0.0'	(617.18)
ZB	54+80	0.0'	(617.22)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CA	55+27	36.1' R	(616.55)
CB	55+28.4	36.6' R	616.99
CC	55+29.5	31.4' R	(616.53)
CD	55+30.3	31.9' R	616.53
CE	55+30.7	32.2' R	616.57
CF	55+37.4	23.8' R	(616.64)
CG	55+37.9	24.7' R	616.59
CH	55+38.1	25.1' R	616.63
CI	55+42.2	21.6' R	(616.71)
CJ	55+42.7	23.0' R	617.15

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CK	55+33.3	46.9' R	(617.05)
CL	55+38.2	47.0' R	(617.17)
CM	55+33.2	42.0' R	616.88
CN	55+38.2	42.0' R	616.95
CO	55+33.2	37.2' R	616.71
CP	55+38.2	37.2' R	616.78
CQ	55+33.2	32.2' R	616.61
DA	55+38.2	32.2' R	616.70
DB	55+38.2	27.2' R	616.65
DC	55+43.2	27.2' R	616.73

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
DD	55+43.2	32.2' R	616.78
DE	55+48.2	27.2' R	616.81
DF	55+48.2	32.2' R	616.88
DG	55+53.2	27.2' R	616.91
DH	55+53.2	32.2' R	616.98
DI	55+60.2	32.2' R	(617.06)
DJ	55+60.2	27.3' R	(617.11)
ZC	55+36.2	0.0' L	(617.25)
ZD	55+42.3	0.0' L	(617.19)

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (15-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 29 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	86
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	58+07	13.0' L	(615.94)
AB	58+07	14.6' L	616.38
AC	58+10	13.2' L	(615.93)
AD	58+10	14.2' L	615.88
AE	58+09.9	14.8' L	615.92
AF	58+09.9	18.2' L	615.90
AG	58+15.6	14.8' L	(615.92)
AH	58+15.2	15.7' L	615.87
AI	58+14.9	16.3' L	615.91
AJ	58+18.4	16.4' L	(615.88)
AK	58+17.6	17.7' L	616.32
AL	58+25	23.7' L	(615.68)
AM	58+23.6	24.4' L	616.12

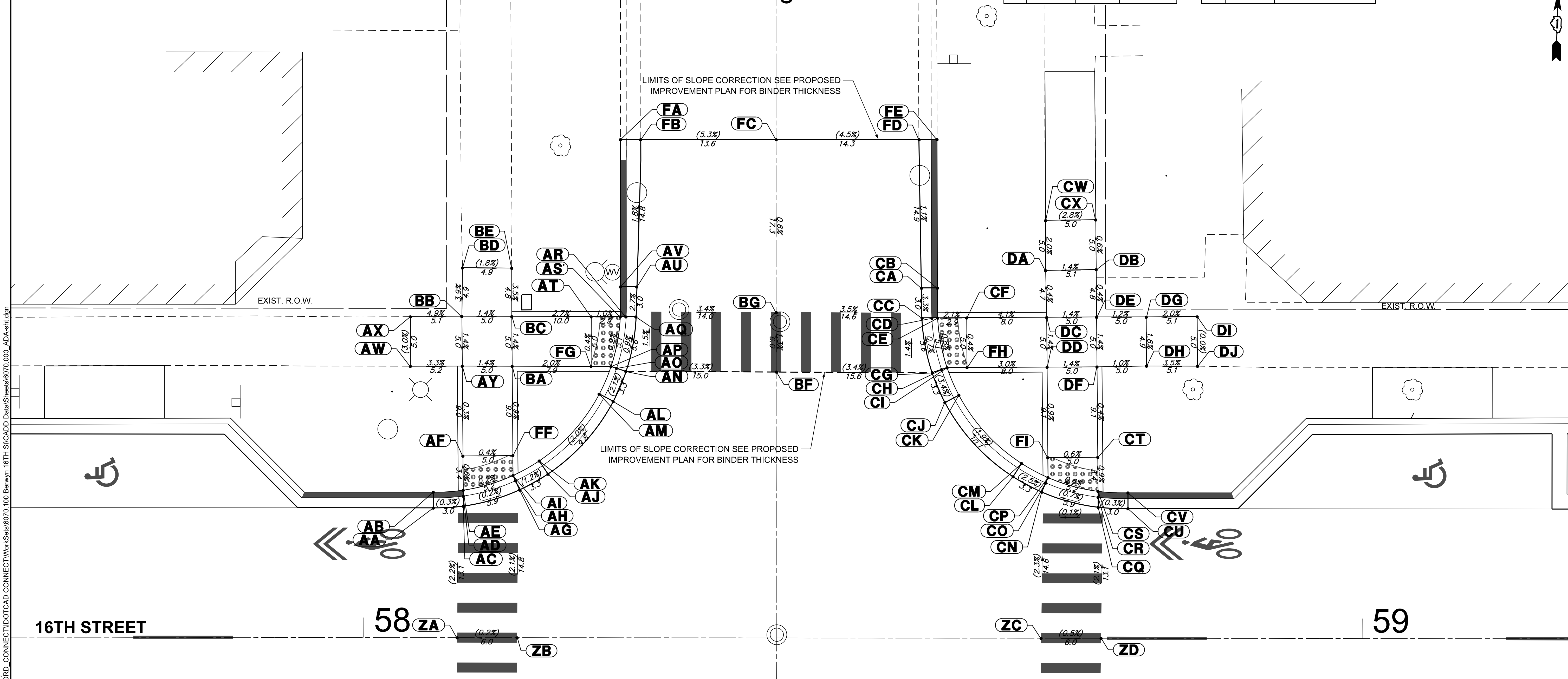
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AN	58+26.2	26.7' L	(615.61)
AO	58+25.3	27.0' L	615.56
AP	58+24.7	27.2' L	615.60
AQ	58+27.2	32.2' L	615.56
AR	58+26.2	32.2' L	615.55
AS	58+25.7	32.2' L	615.59
AT	58+22.8	32.2' L	615.62
AU	58+27.3	35.2' L	615.48
AV	58+25.7	35.2' L	615.92
AW	58+04.6	27.2' L	(616.04)
AX	58+04.6	32.2' L	(616.19)
AY	58+09.8	27.2' L	615.87
BA	58+14.8	27.2' L	615.80

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BB	58+09.8	32.2' L	615.94
BC	58+14.8	32.2' L	615.87
BD	58+09.8	37.1' L	(616.13)
BE	58+14.8	37.1' L	(616.04)
BF	58+41.3	26.7' L	(616.11)
BG	58+41.3	32.6' L	(616.03)
FA	58+25.7	49.9' L	(615.65)
FB	58+27.7	49.9' L	(615.21)
FC	58+41.2	50.0' L	(615.93)
FF	58+14.9	18.3' L	615.88
FG	58+22.7	27.2' L	615.64
ZA	58+09.4	0.0' L	(616.22)
ZB	58+15.4	0.0' L	(616.23)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	58+55.8	35.1' L	615.44
CB	58+57.4	35.1' L	615.88
CC	58+55.9	32.1' L	615.54
CD	58+56.9	32.1' L	615.49
CE	58+57.4	32.1' L	615.53
CF	58+60.4	32.1' L	615.59
CG	58+56.9	26.6' L	(615.58)
CH	58+57.8	26.9' L	615.53
CI	58+58.4	27.1' L	615.57
CJ	58+58.2	23.6' L	(615.69)
CK	58+59.6	24.4' L	616.13
CL	58+65	16.2' L	(615.88)
CM	58+65.9	17.5' L	616.32
CN	58+67.9	14.7' L	(615.96)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CO	58+68.3	15.6' L	615.92
CP	58+68.5	16.1' L	615.96
CQ	58+73.5	13.1' L	(616.00)
CR	58+73.5	14.1' L	615.95
CS	58+73.5	14.7' L	615.99
CT	58+73.5	18.1' L	615.96
CU	58+76.5	13.0' L	615.99
CV	58+76.5	14.6' L	(616.43)
CW	58+68.3	41.9' L	(615.80)
CX	58+73.3	42.0' L	(615.94)
DA	58+68.3	36.9' L	615.90
DB	58+73.3	37.0' L	615.97
DC	58+68.4	32.2' L	615.92
DD	58+68.4	27.2' L	615.85

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DE	58+73.4	32.2' L	615.99
DF	58+73.4	27.2' L	615.92
DG	58+78.3	32.2' L	616.05
DH	58+78.4	27.3' L	615.97
DI	58+83.4	32.3' L	(616.15)
DJ	58+83.5	27.3' L	(616.15)
FD	58+55.6	50.0' L	(615.28)
FE	58+57.4	50.0' L	(615.72)
FH	58+60.4	27.1' L	615.61
FI	58+68.5	18.1' L	615.93
ZC	58+67.8	0.0' L	(616.30)
ZD	58+73.8	0.0' L	(616.27)



USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

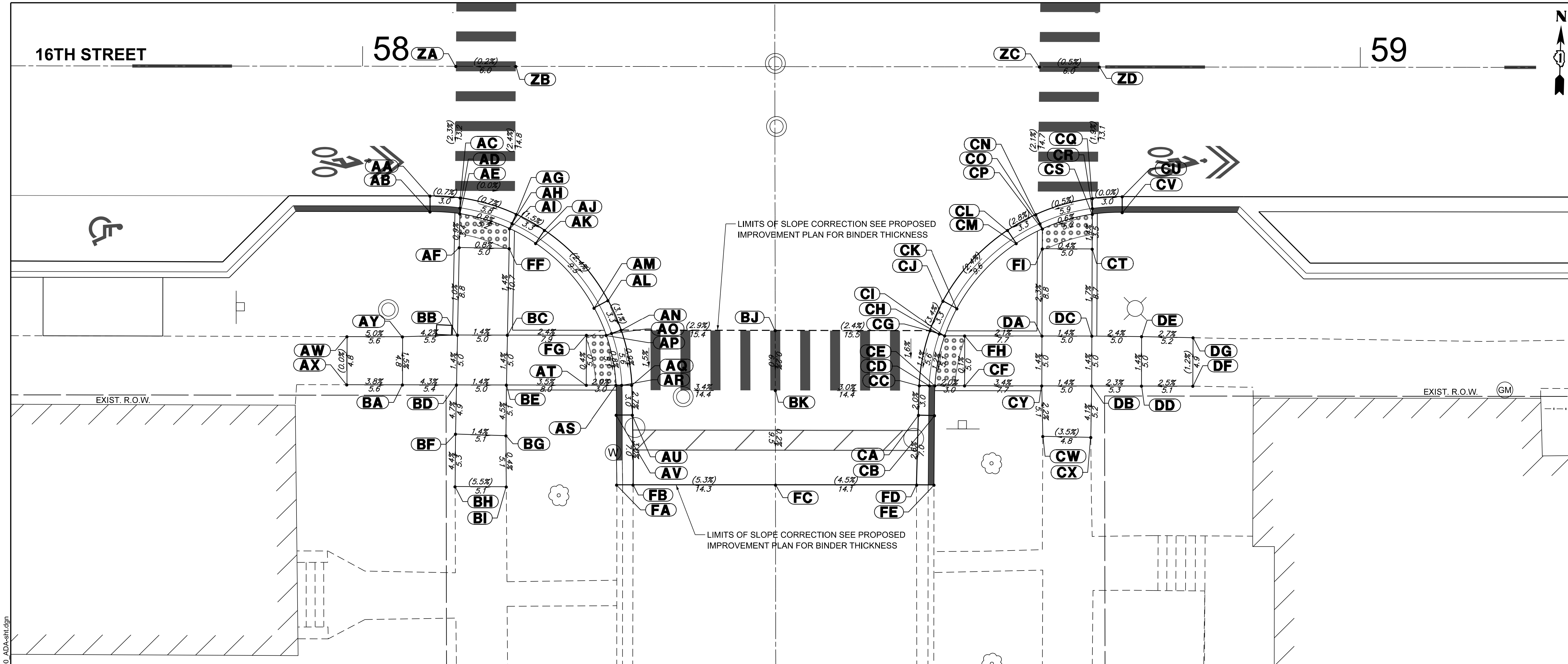
ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 30 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	87
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

MODEL: ADA (16)
FILE NAME: G:\ORD_CONNECT\IDOTCADD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

GHA GEWALT HAMILTON ASSOCIATES, INC.



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	58+06.8	13.0' R	(615.93)
AB	58+06.8	14.6' R	616.37
AC	58+09.8	13.2' R	(615.91)
AD	58+09.8	14.2' R	615.86
AE	58+09.8	14.8' R	615.90
AF	58+09.7	18.2' R	615.87
AG	58+15.4	14.8' R	(615.87)
AH	58+15	15.7' R	615.82
AI	58+14.8	16.3' R	615.86
AJ	58+18.3	16.4' R	(615.82)
AK	58+17.4	17.7' R	616.26
AL	58+24.6	23.5' R	(615.59)
AM	58+23.2	24.2' R	616.03
AN	58+25.9	26.4' R	(615.49)
AO	58+25	26.8' R	615.44

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AP	58+24.5	27.0' R	615.48
AQ	58+27	32.0' R	615.44
AR	58+26	32.0' R	615.43
AS	58+25.4	32.0' R	615.44
AT	58+22.5	32.0' R	615.50
AU	58+27.1	35.0' R	615.36
AV	58+25.5	35.0' R	615.80
AW	57+98.5	27.1' R	(616.29)
AX	57+98.5	31.9' R	(616.29)
AY	58+04	27.1' R	616.01
BA	58+04	31.9' R	616.08
BB	58+09.5	27.0' R	615.78
BC	58+14.5	27.0' R	615.71
BD	58+09.5	32.0' R	615.85
BE	58+14.5	32.0' R	615.78

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BF	58+09.4	36.9' R	616.08
BG	58+14.4	37.0' R	616.01
BH	58+09.3	42.2' R	(616.31)
BI	58+14.4	42.2' R	(616.03)
BJ	58+41.4	26.5' R	(615.93)
BK	58+41.4	32.5' R	(615.92)
FA	58+25.5	42.0' R	(615.59)
FB	58+27.2	42.0' R	(615.15)
FC	58+41.4	41.9' R	(615.90)
FF	58+14.7	18.3' R	615.83
FG	58+22.5	27.0' R	615.52
ZA	58+09.4	0.0' L	(616.22)
ZB	58+15.4	0.0' L	(616.23)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	58+55.7	34.9' R	615.44
CB	58+57.4	35.0' R	615.88
CC	58+55.8	32.0' R	615.50
CD	58+56.8	32.0' R	615.45
CE	58+57.4	32.0' R	615.49
CF	58+60.4	32.0' R	615.55
CG	58+56.9	26.5' R	(615.56)
CH	58+57.8	26.8' R	615.51
CI	58+58.4	27.0' R	615.55
CJ	58+58.2	23.5' R	(615.67)
CK	58+59.6	24.2' R	616.11
CL	58+64.7	16.4' R	(615.90)
CM	58+65.5	17.7' R	616.34

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CN	58+67.5	14.8' R	(615.99)
CO	58+67.9	15.7' R	615.94
CP	58+68.2	16.2' R	615.98
CQ	58+73.2	13.2' R	(616.02)
CR	58+73.2	14.2' R	615.97
CS	58+73.2	14.8' R	616.01
CT	58+73.1	18.3' R	615.96
CU	58+76.2	13.0' R	(616.02)
CV	58+76.2	14.6' R	616.46
CW	58+68.2	37.1' R	615.92
CX	58+73	37.2' R	(616.09)
CY	58+68.1	32.0' R	615.81
DA	58+68.1	27.0' R	615.74

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DB	58+73.1	32.0' R	615.88
DC	58+73.1	27.0' R	615.81
DD	58+78.1	32.0' R	616.00
DE	58+78.1	27.0' R	615.93
DF	58+83.2	32.0' R	(616.13)
DG	58+83.3	27.1' R	(616.07)
FD	58+55.6	41.9' R	(615.26)
FE	58+57.3	41.9' R	(615.70)
FH	58+60.4	27.0' R	615.58
FI	58+68.1	18.2' R	615.94
ZC	58+67.8	0.0' L	(616.30)
ZD	58+73.8	0.0' L	(616.27)

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (16-2)
FILE NAME: G:\ORD_CONNECT\DOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' SHEET 31 OF 37 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	88

CONTRACT NO. 61L54

ILLINOIS FED. AID PROJECT

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	61+41.1	13.0' L	(615.46)
AB	61+41.1	14.6' L	615.90
AC	61+44.1	13.1' L	(615.48)
AD	61+44.1	14.1' L	615.47
AE	61+44.1	14.7' L	615.51
AF	61+44.2	18.1' L	615.43
AG	61+49.8	14.6' L	(615.40)
AH	61+49.4	15.6' L	615.35
AI	61+49.2	16.1' L	615.39
AJ	61+52.7	16.2' L	(615.33)
AK	61+51.8	17.5' L	615.77
AL	61+59.6	23.8' L	(615.16)
AM	61+58.2	24.5' L	615.60
AN	61+60.8	26.8' L	(615.05)
AO	61+59.9	27.1' L	615.00

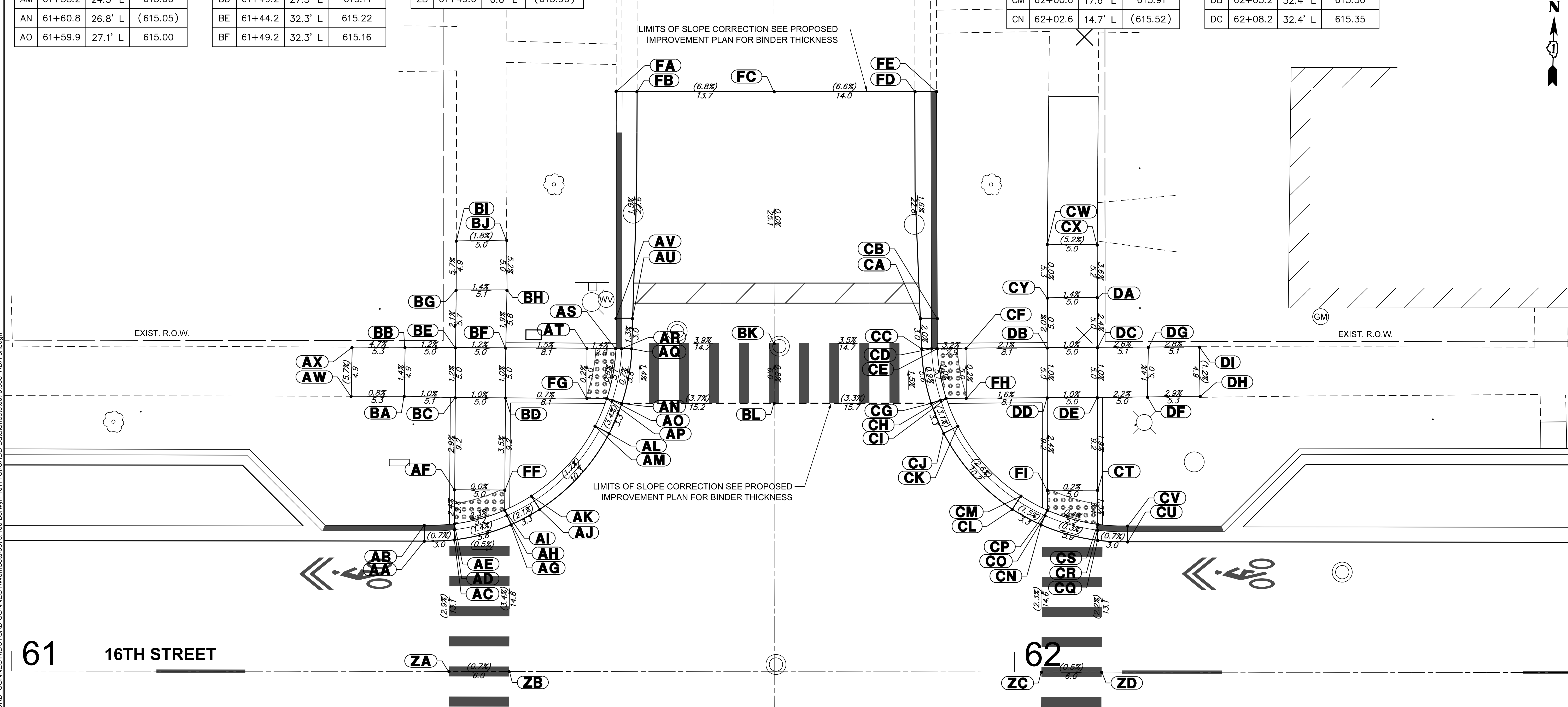
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AP	61+59.3	27.3' L	615.04
AQ	61+61.8	32.3' L	615.01
AR	61+60.8	32.3' L	614.96
AS	61+60.2	32.3' L	615.00
AT	61+57.3	32.3' L	615.04
AU	61+61.9	35.3' L	614.97
AV	61+60.2	35.3' L	615.41
AW	61+33.8	27.4' L	(615.25)
AX	61+33.9	32.3' L	(615.53)
BA	61+39.1	27.4' L	615.21
BB	61+39.2	32.3' L	615.28
BC	61+44.2	27.3' L	615.16
BD	61+49.2	27.3' L	615.11
BE	61+44.2	32.3' L	615.22
BF	61+49.2	32.3' L	615.16

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BG	61+44.3	38.1' L	615.34
BH	61+49.4	38.1' L	615.27
BI	61+44.3	42.9' L	(615.62)
BJ	61+49.3	43.0' L	(615.53)
BK	61+76	32.8' L	(615.56)
BL	61+76	26.8' L	(615.61)
FA	61+60.2	57.9' L	(615.06)
FB	61+62.3	57.9' L	(614.62)
FC	61+76	57.9' L	(615.55)
FF	61+49.2	18.1' L	615.43
FG	61+57.3	27.3' L	615.05
ZA	61+43.6	0.0' L	(615.86)
ZB	61+49.6	0.0' L	(615.90)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	61+90.6	35.3' L	614.99
CB	61+92.3	35.3' L	615.43
CC	61+90.7	32.3' L	615.05
CD	61+91.7	32.3' L	615.00
CE	61+92.3	32.3' L	615.04
CF	61+95.1	32.3' L	615.13
CG	61+91.7	26.8' L	(615.10)
CH	61+92.6	27.1' L	615.05
CI	61+93.2	27.3' L	615.09
CJ	61+92.9	23.8' L	(615.20)
CK	61+94.3	24.5' L	615.64
CL	61+99.8	16.2' L	(615.47)
CM	62+00.6	17.6' L	615.91
CN	62+02.6	14.7' L	(615.52)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CO	62+03	15.6' L	615.47
CP	62+03.3	16.1' L	615.51
CQ	62+08.3	13.1' L	(615.54)
CR	62+08.3	14.2' L	615.49
CS	62+08.3	14.7' L	615.53
CT	62+08.3	18.1' L	615.48
CU	62+11.3	13.0' L	(615.52)
CV	62+11.3	14.6' L	615.96
CW	62+03.2	42.7' L	(615.40)
CX	62+08.2	42.6' L	(615.66)
CY	62+03.3	37.3' L	615.40
DA	62+08.2	37.4' L	615.47
DB	62+03.2	32.4' L	615.30
DC	62+08.2	32.4' L	615.35

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DD	62+03.3	27.4' L	615.25
DE	62+08.3	27.4' L	615.30
DF	62+13.2	27.5' L	615.41
DG	62+13.3	32.4' L	615.48
DH	62+18.5	27.5' L	(615.56)
DI	62+18.4	32.5' L	(615.62)
FD	61+90	57.9' L	(614.63)
FE	61+92.2	57.9' L	(615.07)
FH	61+95.2	27.3' L	615.12
FI	62+03.3	18.1' L	615.47
ZC	62+02.7	0.0' L	(615.86)
ZD	62+08.7	0.0' L	(615.83)



MODEL: ADA (17)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

GHA GEWALT HAMILTON ASSOCIATES, INC.

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

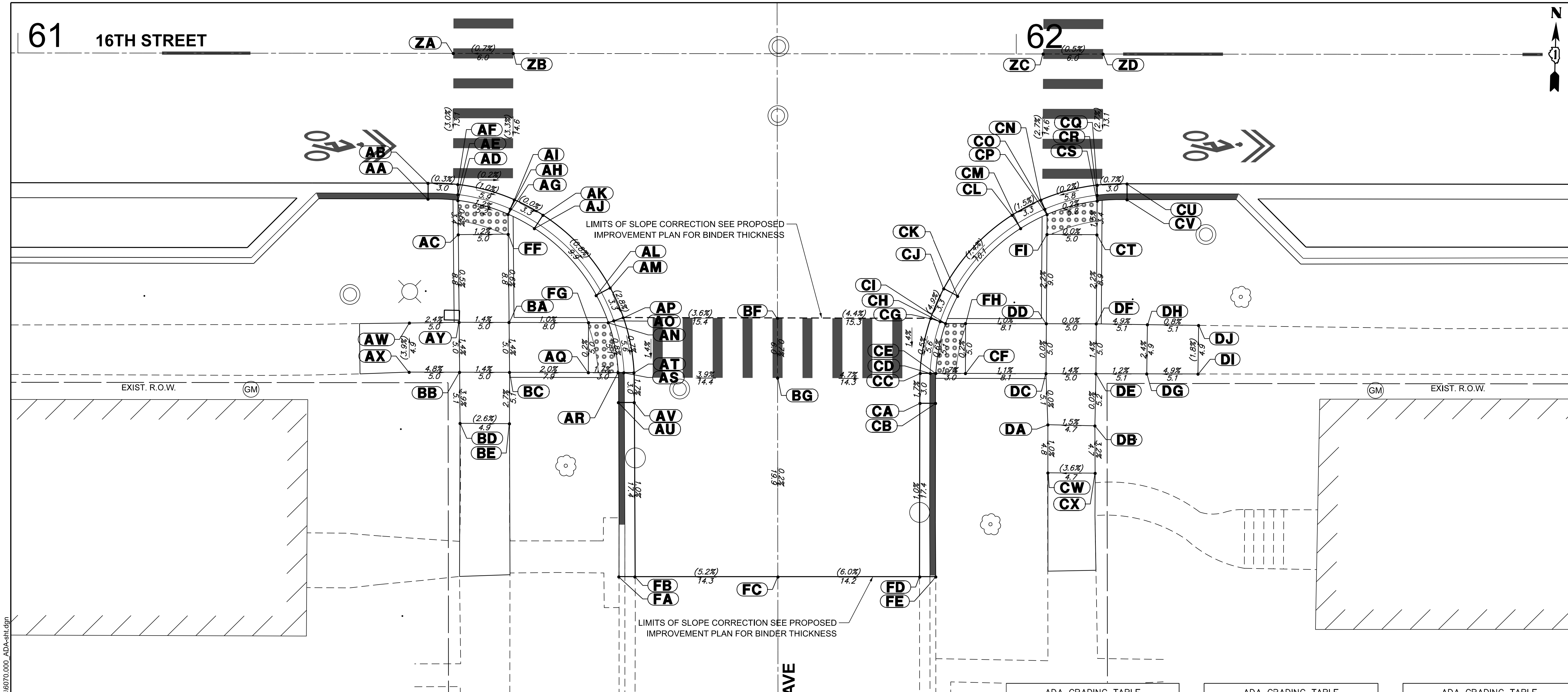
ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 32 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	89

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	61+41.1	14.6' R	615.90
AB	61+41.1	13.0' R	(615.46)
AC	61+44.1	18.2' R	615.44
AD	61+44.1	14.7' R	615.46
AE	61+44.1	14.1' R	615.42
AF	61+44.1	13.1' R	(615.47)
AG	61+49.1	16.1' R	615.40
AH	61+49.3	15.6' R	615.36
AI	61+49.7	14.7' R	(615.41)
AJ	61+51.8	17.5' R	615.85
AK	61+52.6	16.2' R	(615.41)
AL	61+58	24.2' R	615.77
AM	61+59.4	23.5' R	(615.33)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AN	61+59.2	27.0' R	615.23
AO	61+59.7	26.8' R	615.19
AP	61+60.7	26.4' R	(615.24)
AQ	61+57.2	32.0' R	615.24
AR	61+60.2	32.0' R	615.19
AS	61+60.7	32.0' R	615.15
AT	61+61.8	32.0' R	615.20
AU	61+60.2	35.0' R	615.59
AV	61+61.8	35.0' R	615.15
AW	61+39.3	27.0' R	(615.52)
AX	61+39.2	31.9' R	(615.71)
AY	61+44.2	26.9' R	615.40
BA	61+49.2	27.0' R	615.33

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BB	61+44.3	31.9' R	615.47
BC	61+49.3	32.0' R	615.40
BD	61+44.3	37.1' R	(615.67)
BE	61+49.3	37.1' R	(615.54)
BF	61+76.1	26.5' R	(615.79)
BG	61+76.1	32.5' R	(615.75)
FA	61+60.3	52.4' R	(615.41)
FB	61+61.9	52.4' R	(614.97)
FC	61+76.2	52.4' R	(615.72)
FF	61+49.1	18.1' R	615.38
FG	61+57.2	27.0' R	615.25
ZA	61+43.6	0.0' L	(615.86)
ZB	61+49.6	0.0' L	(615.90)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CA	61+90.4	35.0' R	615.04
CB	61+91.9	35.0' R	615.48
CC	61+90.4	32.0' R	615.09
CD	61+91.4	32.0' R	615.04
CE	61+92	32.0' R	615.08
CF	61+94.9	32.0' R	615.13
CG	61+91.5	26.5' R	(615.12)
CH	61+92.4	26.8' R	615.07
CI	61+93	27.0' R	615.11
CJ	61+92.8	23.5' R	(615.28)
CK	61+94.2	24.3' R	615.72
CL	61+99.6	16.1' R	(615.42)
CM	62+00.5	17.5' R	615.86
CN	62+02.5	14.6' R	(615.47)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CO	62+02.9	15.5' R	615.42
CP	62+03.1	16.1' R	615.46
CQ	62+08.1	13.1' R	(615.48)
CR	62+08.1	14.1' R	615.43
CS	62+08.1	14.7' R	615.47
CT	62+08.1	18.1' R	615.42
CU	62+11.1	13.0' R	(615.46)
CV	62+11.1	14.6' R	615.90
CW	62+03.2	42.0' R	(615.27)
CX	62+07.9	42.0' R	(615.44)
DA	62+03.2	37.1' R	615.22
DB	62+07.9	37.2' R	615.29
DC	62+03	32.0' R	615.22
DD	62+03	27.0' R	615.22

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DE	62+08	32.0' R	615.29
DF	62+08	27.0' R	615.22
DG	62+13.1	32.0' R	615.35
DH	62+13.2	27.1' R	615.47
DI	62+18.2	32.0' R	(615.60)
DJ	62+18.3	27.2' R	(615.51)
FD	61+90.4	52.4' R	(614.87)
FE	61+92	52.4' R	(615.31)
FH	61+95	27.0' R	615.14
FI	62+03.1	18.1' R	615.42
ZC	62+02.7	0.0' L	(615.86)
ZD	62+08.7	0.0' L	(615.83)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	64+76.1	14.6' L	617.03
AB	64+76.1	13.0' L	(616.59)
AC	64+79.3	18.1' L	616.63
AD	64+79.3	14.7' L	616.61
AE	64+79.1	14.7' L	616.61
AF	64+79.2	14.1' L	616.57
AG	64+79.3	13.1' L	(616.62)
AH	64+84.3	16.2' L	616.60
AI	64+84.5	15.6' L	616.56
AJ	64+84.9	14.6' L	(616.61)
AK	64+86.9	17.6' L	617.01
AL	64+87.9	16.1' L	(616.57)
AM	64+93.3	24.9' L	616.84
AN	64+95	24.0' L	(616.40)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AO	64+94.4	27.7' L	616.35
AP	64+95	27.5' L	616.31
AQ	64+96.3	27.1' L	(616.36)
AR	64+92.4	32.7' L	616.38
AS	64+95.2	32.7' L	616.32
AT	64+95.8	32.7' L	616.28
AU	64+97.2	32.7' L	616.30
AV	64+95.2	35.7' L	616.64
AW	64+97.2	35.7' L	616.20
AX	64+73.8	27.7' L	(616.92)
AY	64+73.7	32.7' L	(617.01)
AZ	64+79.2	27.7' L	616.70
BA	64+84.2	27.7' L	616.63
BB	64+79.2	32.7' L	616.77

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BC	64+84.2	32.7' L	616.70
BD	64+79.2	37.5' L	(616.96)
BE	64+84.1	37.5' L	(616.86)
BF	65+11.2	33.2' L	(616.72)
BG	65+11.3	27.2' L	(616.81)
FA	64+95.2	41.2' L	(616.46)
FB	64+97.2	41.2' L	(616.02)
FC	65+11.2	41.2' L	(616.61)
FF	64+84.3	18.2' L	616.61
FG	64+92.4	27.7' L	616.39
ZA	64+79.4	0.0' L	(616.86)
ZB	64+84.4	0.0' L	(616.90)

ADA GRADING TABLE

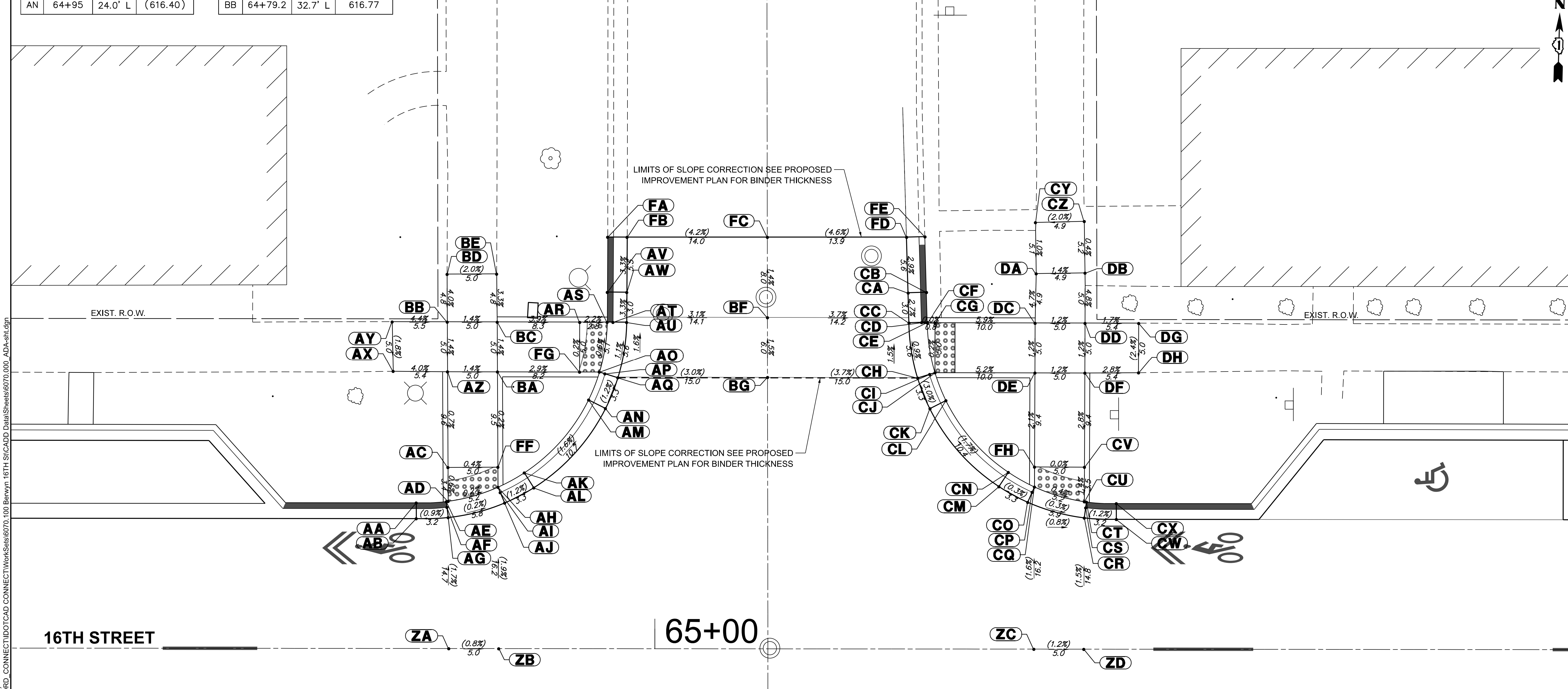
	STATION	OFFSET	ELEVATION
CA	65+25.3	35.7' L	616.13
CB	65+27.2	35.7' L	616.57
CC	65+25.4	32.7' L	616.21
CD	65+26.7	32.7' L	616.20
CE	65+27.2	32.7' L	616.24
CF	65+27.2	32.7' L	616.24
CG	65+28	32.7' L	616.24
CH	65+26.3	27.1' L	(616.26)
CI	65+27.5	27.5' L	616.21
CJ	65+28	27.7' L	616.25
CK	65+27.5	24.1' L	(616.36)
CL	65+29.1	24.9' L	616.80
CM	65+34.4	16.3' L	(616.54)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CN	65+35.4	17.7' L	616.98
CO	65+37.3	14.7' L	(616.55)
CP	65+37.8	15.7' L	616.50
CQ	65+38	16.2' L	616.54
CR	65+43	13.1' L	(616.53)
CS	65+43.1	14.2' L	616.48
CT	65+43.2	14.7' L	616.52
CU	65+43	14.8' L	616.52
CV	65+43	18.2' L	616.57
CW	65+46.2	13.0' L	(616.49)
CX	65+46.2	14.6' L	616.93
CY	65+38.1	42.7' L	(617.01)
CZ	65+43	42.8' L	(617.11)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DA	65+38.2	37.6' L	617.06
DB	65+43	37.7' L	617.13
DC	65+38.1	32.7' L	616.83
DD	65+43.1	32.6' L	616.89
DE	65+38	27.7' L	616.77
DF	65+43	27.6' L	616.83
DG	65+48.4	32.6' L	(616.80)
DH	65+48.4	27.7' L	(616.68)
FD	65+25.2	41.2' L	(615.97)
FE	65+27	41.3' L	(616.41)
FH	65+38	18.2' L	616.57
ZC	65+38	0.0' L	(616.80)
ZD	65+43	0.0' L	(616.74)



USER NAME = akopel	DESIGNED - MJV	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 34 OF 37 SHEETS | STA. TO STA.

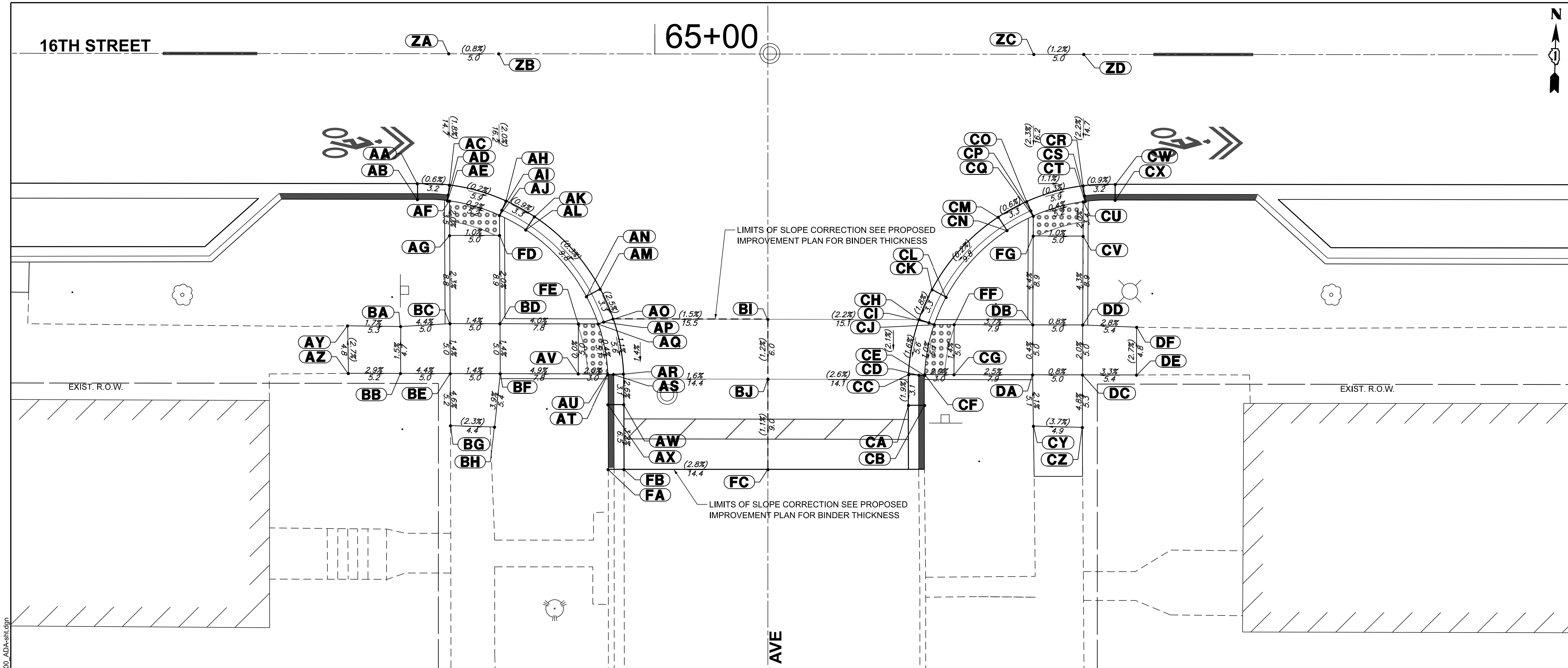
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	91

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

MODEL: ADA (18)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

GEWALT HAMILTON ASSOCIATES, INC.



ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	64+76.2	13.0' R	(616.58)
AB	64+76.2	14.6' R	617.02
AC	64+79.4	13.1' R	(616.60)
AD	64+79.3	14.1' R	616.55
AE	64+79.2	14.7' R	616.59
AF	64+79.5	14.7' R	616.59
AG	64+79.5	18.2' R	616.66
AH	64+85.1	14.7' R	(616.59)
AI	64+84.7	15.6' R	616.54
AJ	64+84.5	16.2' R	616.58
AK	64+88	16.3' R	(616.56)
AL	64+87.1	17.6' R	617.00
AM	64+94.6	23.5' R	(616.53)
AN	64+93.2	24.3' R	616.97
AO	64+95.9	26.5' R	(616.45)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AP	64+94.9	26.8' R	616.40
AQ	64+94.4	27.0' R	616.44
AR	64+96.9	32.0' R	616.39
AS	64+95.9	32.1' R	616.38
AT	64+95.3	32.1' R	616.42
AU	64+95.3	32.0' R	616.42
AV	64+92.4	32.0' R	616.48
AW	64+96.9	35.1' R	616.31
AX	64+95.4	35.1' R	616.75
AY	64+69.3	27.2' R	(617.17)
AZ	64+69.3	32.0' R	(617.30)
BA	64+74.6	27.3' R	617.08
BB	64+74.6	32.0' R	617.15
BC	64+79.5	27.0' R	616.86
BD	64+84.5	27.0' R	616.79

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BE	64+79.5	32.0' R	616.93
BF	64+84.5	32.0' R	616.86
BG	64+79.6	37.2' R	(617.17)
BH	64+84	37.4' R	(617.07)
BI	65+11.3	26.5' R	(616.68)
BJ	65+11.4	32.5' R	(616.61)
FA	64+95.4	41.6' R	(616.54)
FB	64+97	41.6' R	(616.10)
FC	65+11.4	41.6' R	(616.51)
FD	64+84.5	18.2' R	616.61
FE	64+92.4	27.0' R	616.48
ZA	64+79.4	0.0' L	(616.86)
ZB	64+84.4	0.0' L	(616.90)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CA	65+25.4	35.1' R	(616.19)
CB	65+27	35.1' R	(616.63)
CC	65+25.4	32.1' R	(616.25)
CD	65+26.5	32.1' R	616.24
CE	65+27	32.1' R	616.28
CF	65+27	32.1' R	616.28
CG	65+30	32.1' R	616.22
CH	65+26.5	26.5' R	(616.34)
CI	65+27.5	26.9' R	616.29
CJ	65+28	27.1' R	616.33
CK	65+27.8	23.6' R	(616.40)
CL	65+29.2	24.3' R	616.84

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CM	65+34.4	16.3' R	(616.42)
CN	65+35.3	17.6' R	616.86
CO	65+37.3	14.7' R	(616.44)
CP	65+37.7	15.6' R	616.39
CQ	65+37.9	16.2' R	616.43
CR	65+42.9	13.1' R	(616.42)
CS	65+43.1	14.1' R	616.37
CT	65+43.1	14.7' R	616.41
CU	65+42.9	14.7' R	616.41
CV	65+42.9	18.2' R	616.34
CW	65+46.1	13.0' R	(616.39)
CX	65+46.1	14.6' R	616.83

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CY	65+38	37.2' R	(616.13)
CZ	65+42.9	37.3' R	(616.31)
DA	65+37.9	32.1' R	616.02
DB	65+37.9	27.1' R	616.00
DC	65+42.9	32.1' R	616.06
DD	65+42.9	27.1' R	615.96
DE	65+48.3	32.1' R	(616.24)
DF	65+48.3	27.3' R	(616.11)
FF	65+30	27.1' R	616.29
FG	65+37.9	18.2' R	616.39
ZC	65+38	0.0' L	(616.80)
ZD	65+43	0.0' L	(616.74)

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (18-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 35 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	92

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AA	68+10.4	20.5' L	(611.75)
AB	68+10.4	22.4' L	612.19
AC	68+15.4	20.8' L	(611.78)
AD	68+15.4	21.8' L	611.73
AE	68+15.4	22.4' L	611.77
AF	68+15.4	22.4' L	611.77
AG	68+15.3	25.4' L	611.82
AH	68+21	22.1' L	(611.78)
AI	68+20.6	23.0' L	611.73
AJ	68+20.4	23.5' L	611.77
AK	68+23.9	23.6' L	(611.81)
AL	68+23	24.9' L	612.25
AM	68+24.8	24.2' L	(611.81)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
AN	68+23.9	25.5' L	612.25
AO	68+27.2	26.5' L	(611.76)
AP	68+26.5	27.2' L	611.71
AQ	68+26.1	27.5' L	611.75
AR	68+30.7	32.5' L	(611.66)
AS	68+29.8	32.9' L	611.65
AT	68+29.2	33.0' L	611.69
AU	68+29	32.5' L	611.69
AV	68+24.1	32.5' L	611.77
AW	68+31.4	35.8' L	(611.57)
AX	68+29.9	36.0' L	617.01
AY	68+10	27.8' L	(612.05)
AZ	68+10.2	32.5' L	(612.19)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
BA	68+15.3	27.5' L	611.89
BB	68+20.3	27.5' L	611.82
BC	68+15.1	32.5' L	611.96
BD	68+20.1	32.5' L	611.89
BE	68+15	37.9' L	(612.22)
BF	68+19.4	37.9' L	(612.07)
FA	68+46.4	40.9' L	(611.90)
FD	68+20.3	25.5' L	611.79
FE	68+24.1	27.5' L	611.78
ZA	68+11.4	0.0' L	(612.27)
ZB	68+16.5	0.0' L	(612.24)
ZC	68+46.4	32.3' L	(611.85)
ZD	68+46.4	26.3' L	(611.94)

ADA GRADING TABLE

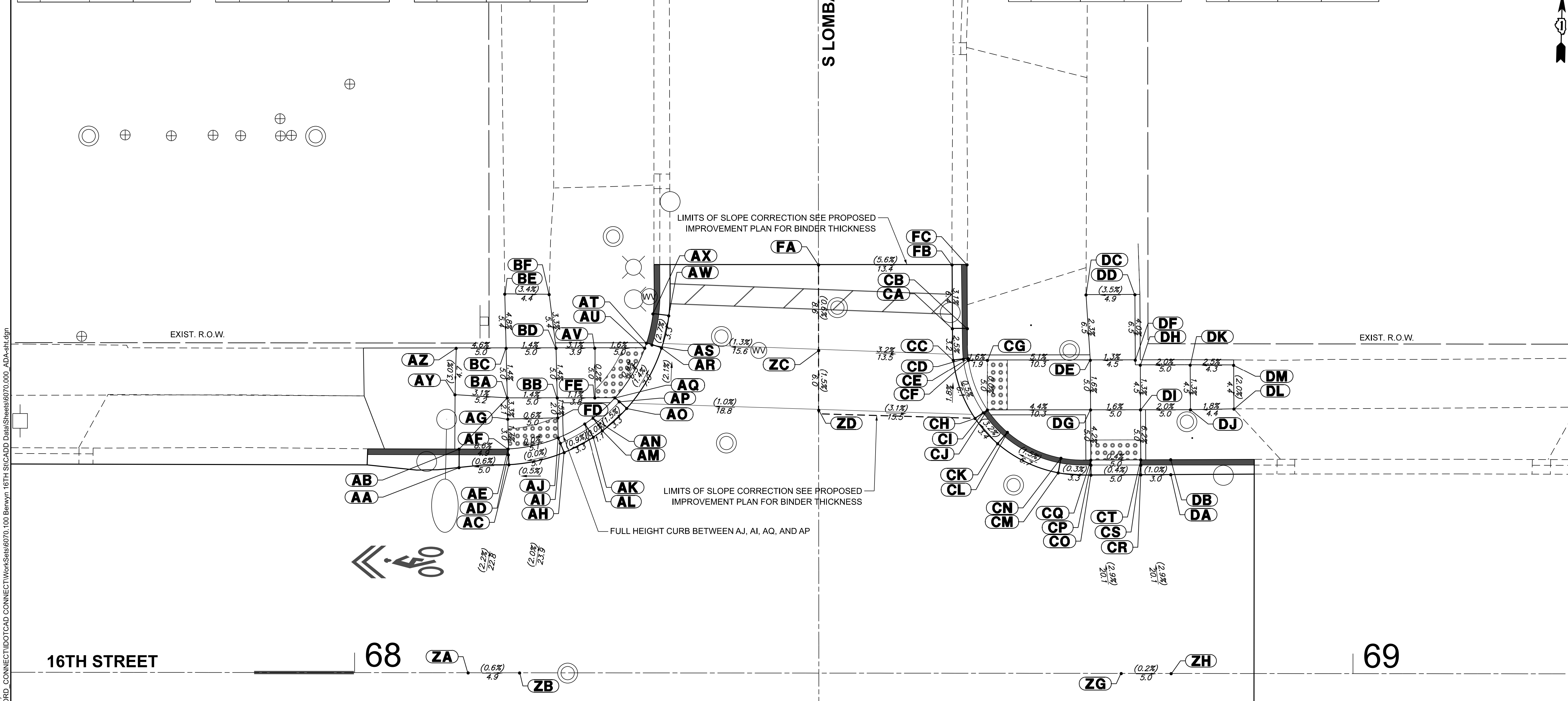
	STATION	OFFSET	ELEVATION
CA	68+59.8	34.5' L	611.35
CB	68+61.3	34.5' L	611.79
CC	68+59.9	31.4' L	611.43
CD	68+60.9	31.5' L	611.38
CE	68+61.4	31.5' L	611.42
CF	68+61.5	31.4' L	611.42
CG	68+63.4	31.4' L	611.45
CH	68+62.1	25.5' L	(611.46)
CI	68+62.9	26.1' L	611.41
CJ	68+63.4	26.4' L	611.45
CK	68+64.4	23.0' L	(611.57)
CL	68+65.4	24.1' L	612.01
CM	68+70.5	20.1' L	(611.67)

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
CN	68+70.7	21.5' L	612.11
CO	68+73.7	19.9' L	(611.66)
CP	68+73.7	20.9' L	611.65
CQ	68+73.7	21.4' L	611.69
CR	68+78.7	19.9' L	(611.64)
CS	68+78.7	20.9' L	611.63
CT	68+78.7	21.4' L	611.67
DA	68+81.7	19.9' L	(611.61)
DB	68+81.7	21.4' L	612.05
DC	68+73.2	37.9' L	(612.13)
DD	68+78.1	37.9' L	(612.30)
DE	68+73.7	31.4' L	611.98
DF	68+78.2	31.4' L	612.04

ADA GRADING TABLE

	STATION	OFFSET	ELEVATION
DG	68+73.7	26.4' L	611.90
DH	68+78.7	30.9' L	612.04
DI	68+78.7	26.4' L	611.98
DJ	68+83.7	26.4' L	612.08
DK	68+83.7	30.9' L	612.14
DL	68+88	26.5' L	(612.16)
DM	68+88	30.9' L	(612.25)
FB	68+59.8	40.9' L	(611.15)
FC	68+61.3	40.9' L	(611.59)
ZG	68+76.8	0.0' L	(612.24)
ZH	68+81.8	0.0' L	(612.23)



MODEL: ADA (19)
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GHA GEWALT HAMILTON ASSOCIATES, INC.

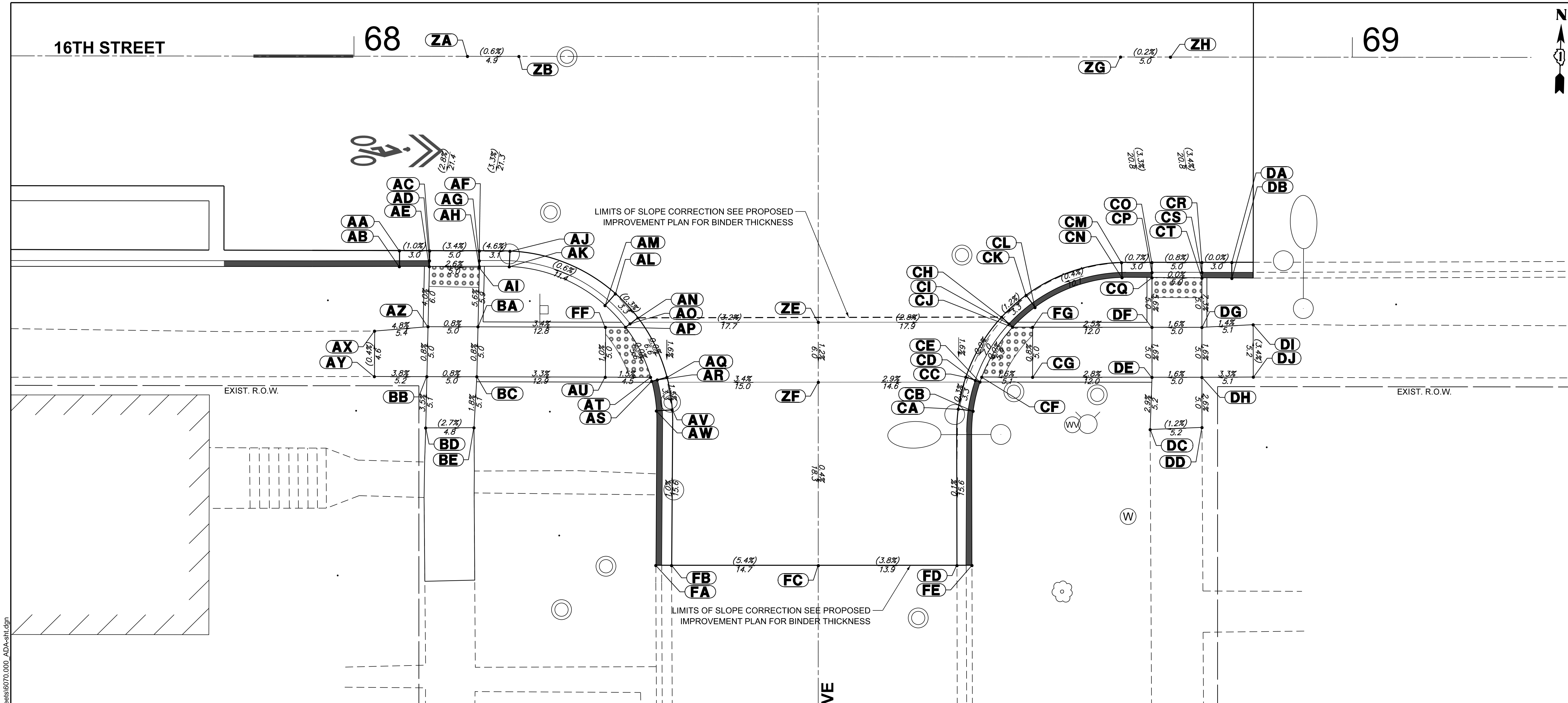
USER NAME = akopel	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 5.000 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 36 OF 37 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	93
		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		



	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AA	68+04.6	19.5' R	(611.71)
AB	68+04.6	21.0' R	(612.15)
AC	68+07.6	19.5' R	(611.68)
AD	68+07.6	20.5' R	611.63
AE	68+07.6	21.0' R	611.67
AF	68+12.6	19.5' R	(611.51)
AG	68+12.6	20.5' R	611.50
AH	68+12.6	21.0' R	611.54
AI	68+12.6	21.2' R	611.54
AJ	68+15.6	19.5' R	(611.37)
AK	68+15.6	21.0' R	611.81
AL	68+26.2	23.7' R	611.44
AM	68+25.2	24.9' R	(611.88)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
AN	68+28.5	26.2' R	(611.43)
AO	68+27.7	26.8' R	611.38
AP	68+27.2	27.1' R	611.42
AQ	68+31.4	32.1' R	611.43
AR	68+30.4	32.4' R	611.38
AS	68+29.9	32.5' R	611.41
AT	68+29.8	32.1' R	611.42
AU	68+25.2	32.1' R	611.49
AV	68+31.9	35.4' R	611.38
AW	68+30.3	35.5' R	611.82
AX	68+02.1	27.5' R	(612.17)
AY	68+02.1	32.1' R	(612.15)
AZ	68+07.5	27.1' R	611.91

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
BA	68+12.5	27.1' R	611.87
BB	68+07.3	32.1' R	611.95
BC	68+12.3	32.1' R	611.91
BD	68+07.2	37.2' R	(612.13)
BE	68+12.1	37.2' R	(612.00)
FA	68+30.3	50.9' R	(611.66)
FB	68+31.9	50.9' R	(611.22)
FC	68+46.6	50.9' R	(612.01)
FF	68+25.2	27.1' R	611.44
ZA	68+11.4	0.0' L	(612.27)
ZB	68+16.5	0.0' L	(612.24)
ZE	68+46.5	26.6' R	(612.00)
ZF	68+46.5	32.6' R	(611.93)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CA	68+60.6	35.3' R	611.49
CB	68+62.1	35.5' R	611.93
CC	68+61.3	32.1' R	611.50
CD	68+62.3	32.4' R	611.45
CE	68+62.7	32.6' R	611.49
CF	68+62.9	32.1' R	611.49
CG	68+68	32.1' R	611.57
CH	68+64.9	26.1' R	(611.50)
CI	68+65.6	26.7' R	611.45
CJ	68+66	27.1' R	611.49
CK	68+67.4	23.9' R	(611.54)
CL	68+68.2	25.1' R	611.98

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
CM	68+76.9	20.6' R	(611.58)
CN	68+77	22.1' R	612.02
CO	68+80	20.6' R	(611.56)
CP	68+80	21.6' R	611.51
CQ	68+80	22.1' R	611.55
CR	68+85	20.6' R	(611.52)
CS	68+85	21.6' R	611.51
CT	68+85	22.1' R	611.55
DA	68+88	20.5' R	(611.52)
DB	68+88	22.1' R	611.96
DC	68+79.8	37.3' R	(612.06)
DD	68+85	37.1' R	(612.12)

	ADA GRADING TABLE		
	STATION	OFFSET	ELEVATION
DE	68+80	32.1' R	611.91
DF	68+80	27.1' R	611.83
DG	68+85	27.1' R	611.91
DH	68+85	32.1' R	611.99
DI	68+90.1	26.8' R	(611.98)
DJ	68+90.1	32.0' R	(612.16)
FD	68+60.5	50.9' R	(611.48)
FE	68+62	50.9' R	(611.92)
FG	68+68	27.1' R	611.53
ZG	68+76.8	0.0' L	(612.24)
ZH	68+81.8	0.0' L	(612.23)

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: ADA (19-2)
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_ADA-sht.dgn

USER NAME = akopel		DESIGNED - MJV		REVISED -	
		DRAWN - AMK		REVISED -	
PLOT SCALE = 5.000 ' / in.		CHECKED - KLB		REVISED -	
PLOT DATE = 02/11/2026		DATE - 02/11/2026		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

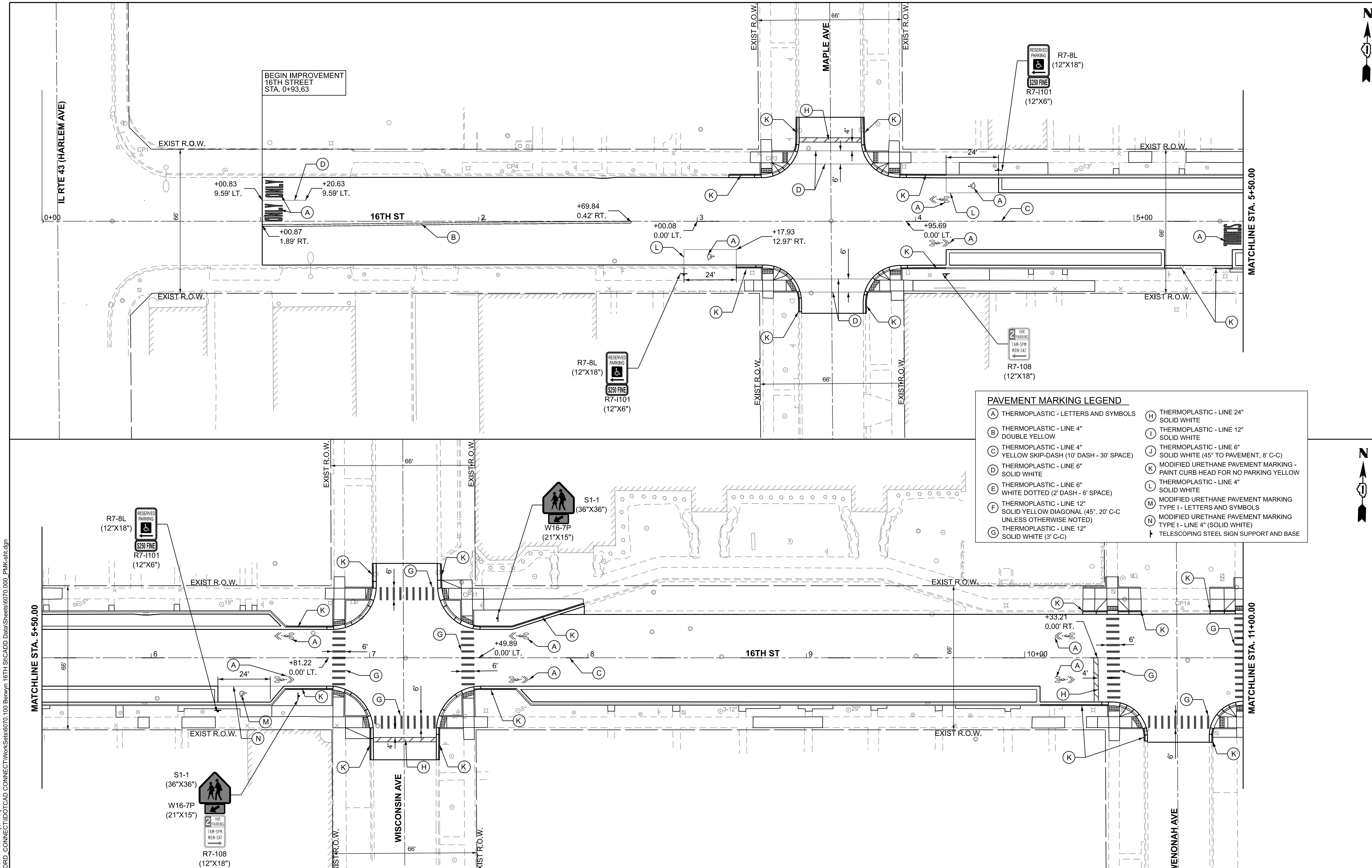
ADA DETAILS
16TH STREET - BERWYN, IL

SCALE: 1"=5' | SHEET 37 OF 37 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	94

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC - LETTERS AND SYMBOLS
- (B) THERMOPLASTIC - LINE 4" DOUBLE YELLOW
- (C) THERMOPLASTIC - LINE 4" YELLOW SKIP-DASH (10' DASH - 30' SPACE)
- (D) THERMOPLASTIC - LINE 6" SOLID WHITE
- (E) THERMOPLASTIC - LINE 6" WHITE DOTTED (2' DASH - 6' SPACE)
- (F) THERMOPLASTIC - LINE 12" SOLID YELLOW DIAGONAL (45°, 20' C-C UNLESS OTHERWISE NOTED)
- (G) THERMOPLASTIC - LINE 12" SOLID WHITE (3' C-C)
- (H) THERMOPLASTIC - LINE 24" SOLID WHITE
- (I) THERMOPLASTIC - LINE 12" SOLID WHITE
- (J) THERMOPLASTIC - LINE 6" SOLID WHITE (45° TO PAVEMENT, 8' C-C)
- (K) MODIFIED URETHANE PAVEMENT MARKING - PAINT CURB HEAD FOR NO PARKING YELLOW
- (L) THERMOPLASTIC - LINE 4" SOLID WHITE
- (M) MODIFIED URETHANE PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS
- (N) MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 4" (SOLID WHITE)
- TELESCOPING STEEL SIGN SUPPORT AND BASE

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 1 [Sheet]
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_PMK-sht.dgn

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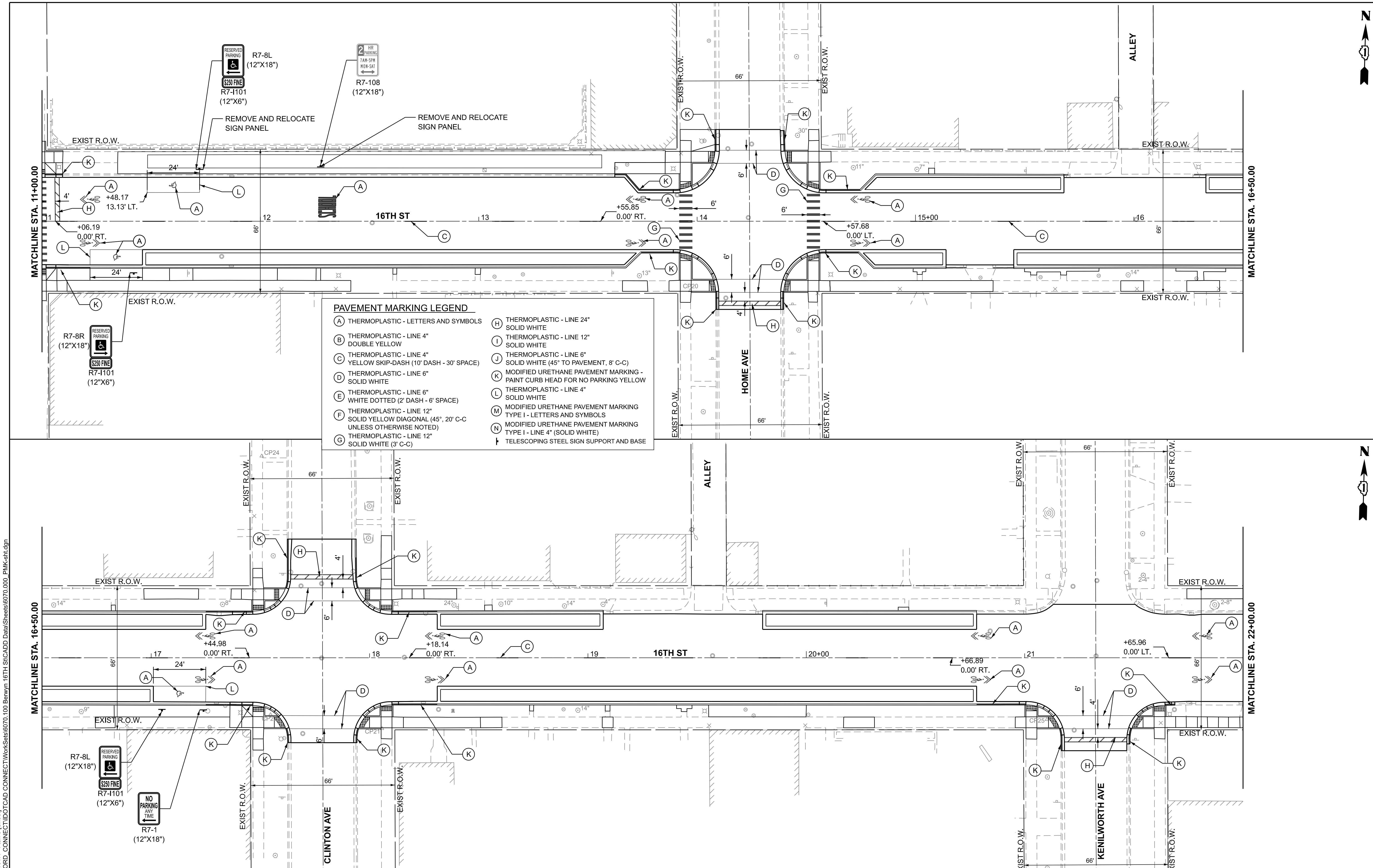
		DRAWN -	AMK	REVISED	-
PLOT SCALE	= 0.08333317 ' / in.	CHECKED -	KLB	REVISED	-
PLOT DATE	= 02/11/2026	DATE -	02/11/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 1 OF 7 SHEETS | STA. 0+00.00 TO STA. 11+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	95
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC - LETTERS AND SYMBOLS
- (B) THERMOPLASTIC - LINE 4" DOUBLE YELLOW
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- TELESCOPING STEEL SIGN SUPPORT AND BASE

MODEL: X_CL_16TH - Plan 3 [Sheet]
FILE NAME: G:\ORD_CONNECT\IDOTCADD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_PMK-sht.dgn

GEWALT HAMILTON ASSOCIATES, INC.

USER NAME = mvasak	DESIGNED - MJV	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

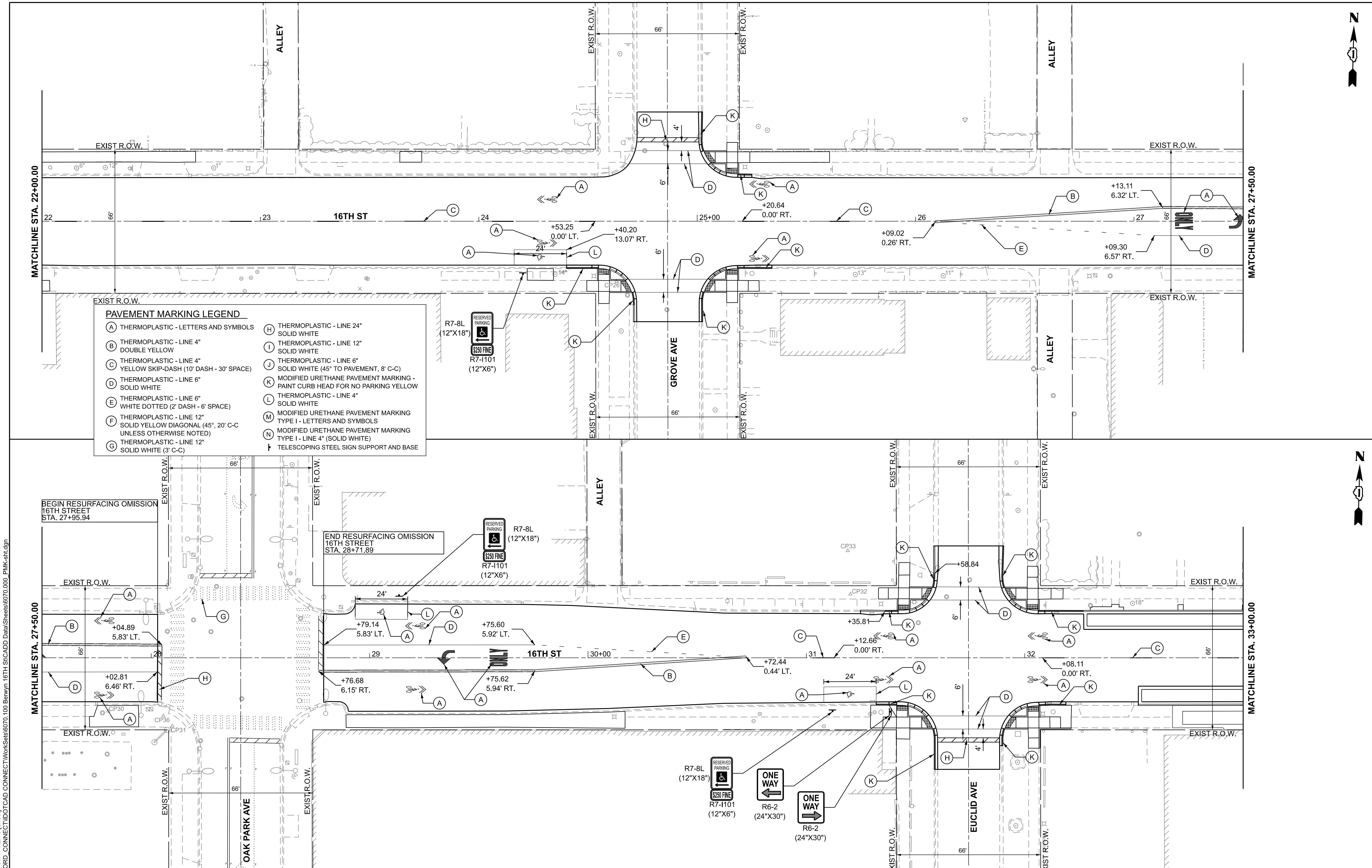
PAVEMENT MARKING AND SIGNING PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 2 OF 7 SHEETS | STA. 11+00.00 TO STA. 22+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	96

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC - LETTERS AND SYMBOLS
- (B) THERMOPLASTIC - LINE 4" DOUBLE YELLOW
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- TELESCOPING STEEL SIGN SUPPORT AND BASE

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 5 [Sheet]
FILE NAME: G:\ORD_CONNECT\DOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_PMK-sht.dgn

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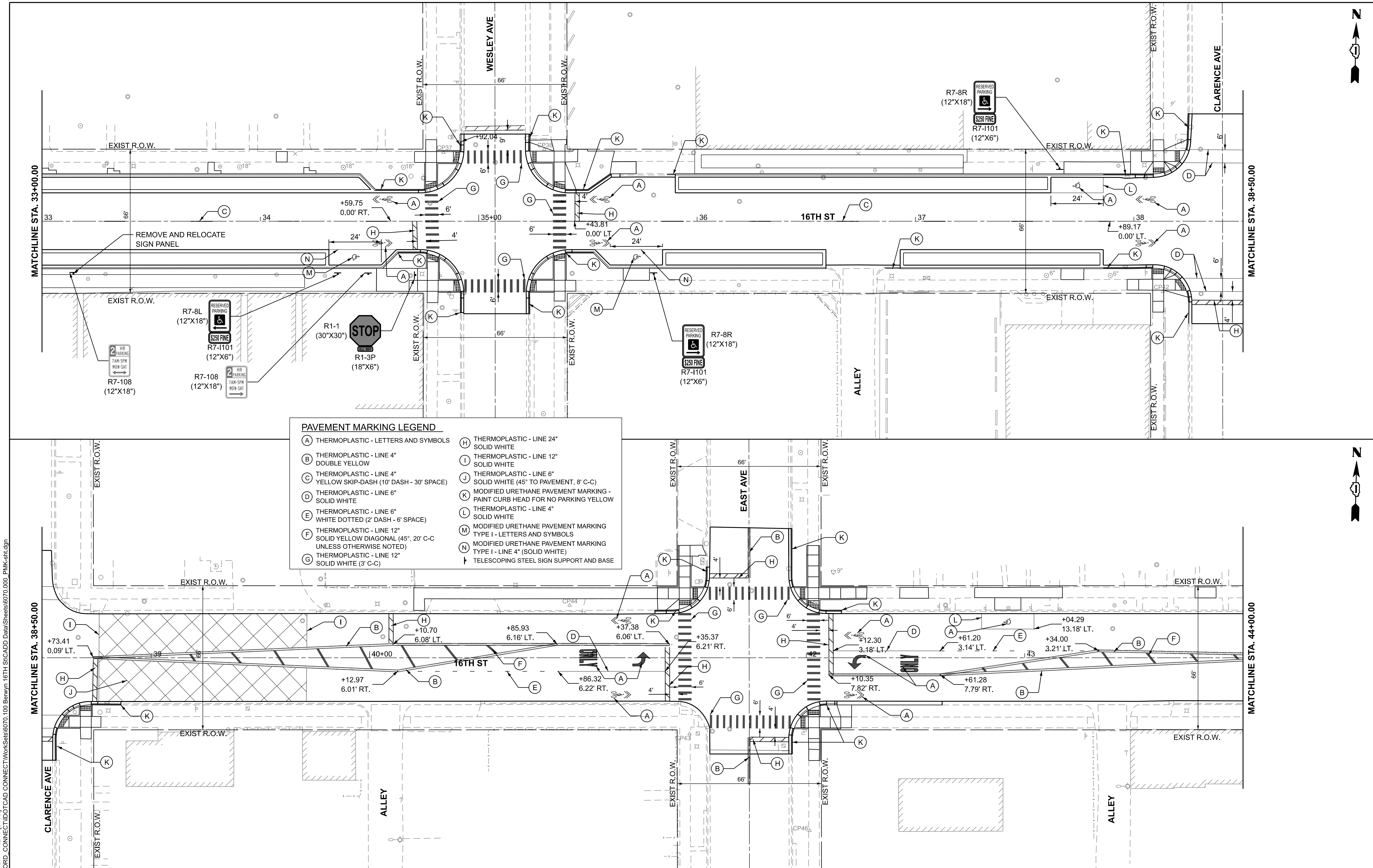
	DRAWN - AMK	REVISED -			
PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -			
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -		SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 22+00.00 TO STA. 33+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	97
CONTRACT NO. 61L54				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC - LETTERS AND SYMBOLS
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GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 7 [Sheet]
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PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -	
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

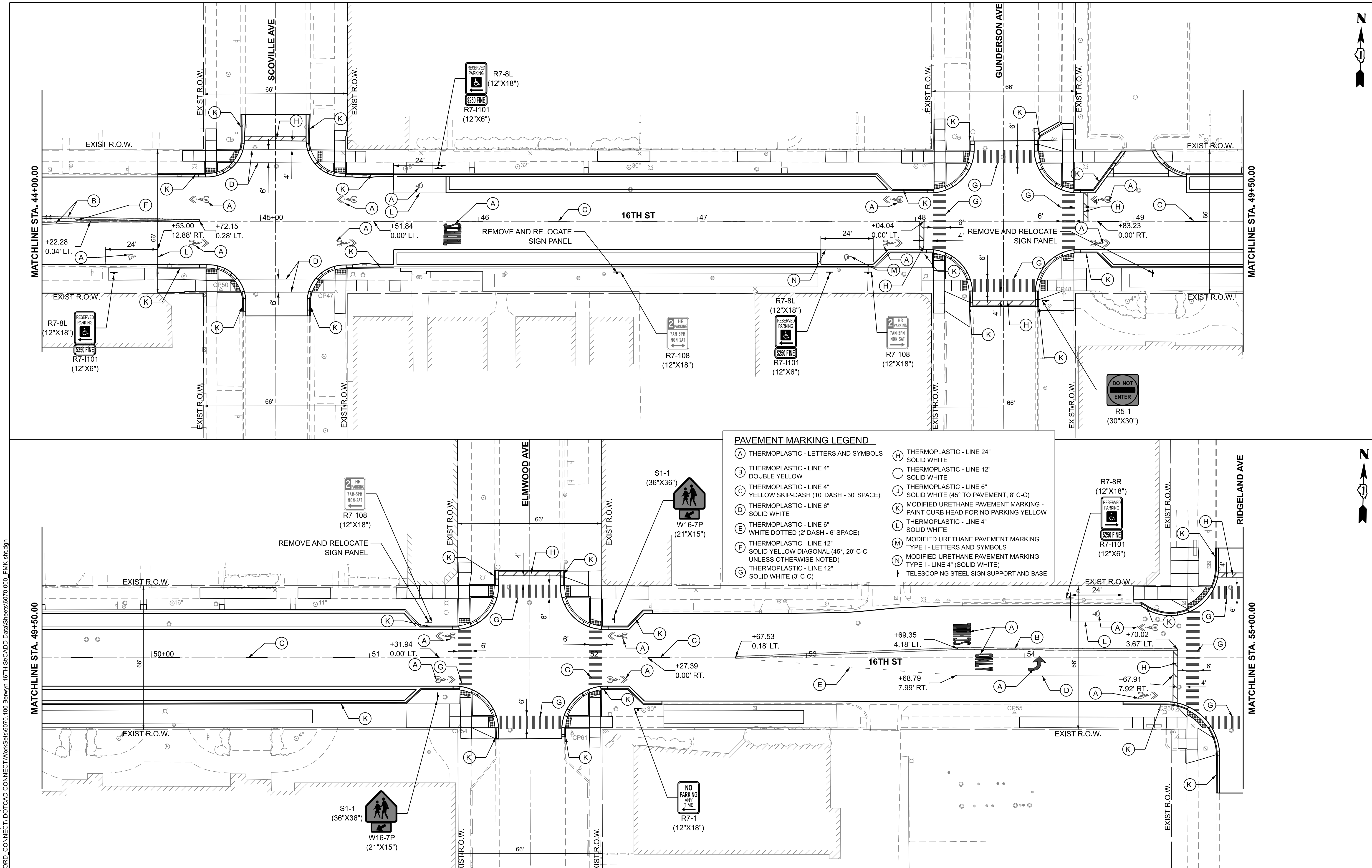
PAVEMENT MARKING AND SIGNING PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 4 OF 7 SHEETS | STA. 33+00.00 TO STA. 44+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	98

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC - LETTERS AND SYMBOLS
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- TELESCOPING STEEL SIGN SUPPORT AND BASE

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 9 [Sheet]
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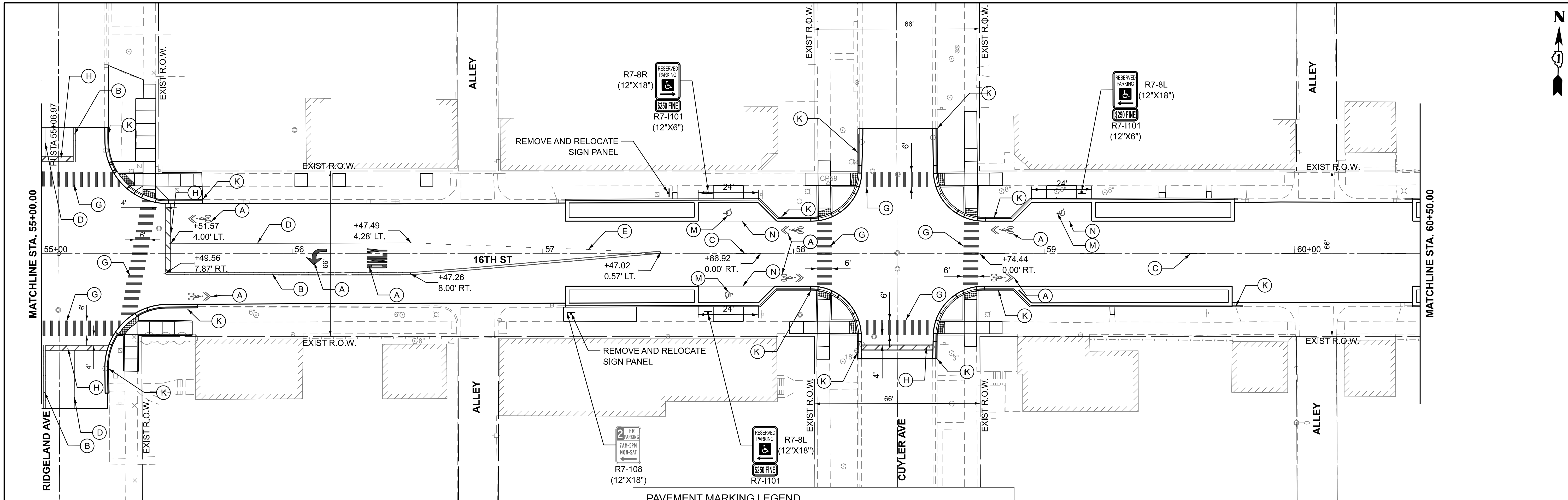
PLOT SCALE	= 0.08333317 ' / in.	CHECKED -	KLB	REVISED	-
PLOT DATE	= 02/11/2026	DATE -	02/11/2026	REVISED	-

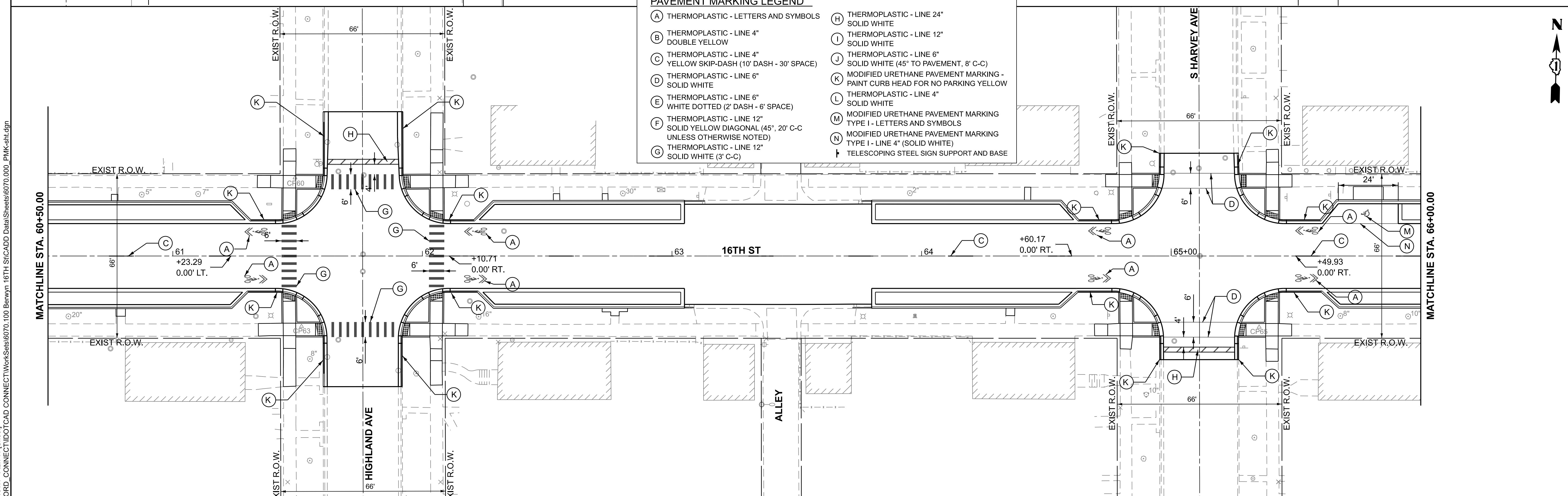
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 44+00.00 TO STA. 55+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	99
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	





PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC - LETTERS AND SYMBOLS
- (B) THERMOPLASTIC - LINE 4" DOUBLE YELLOW
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- TELESCOPING STEEL SIGN SUPPORT AND BASE

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 11 [Sheet]
FILE NAME: G:\ORD_CONNECT\DOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_PMK-sht.dgn

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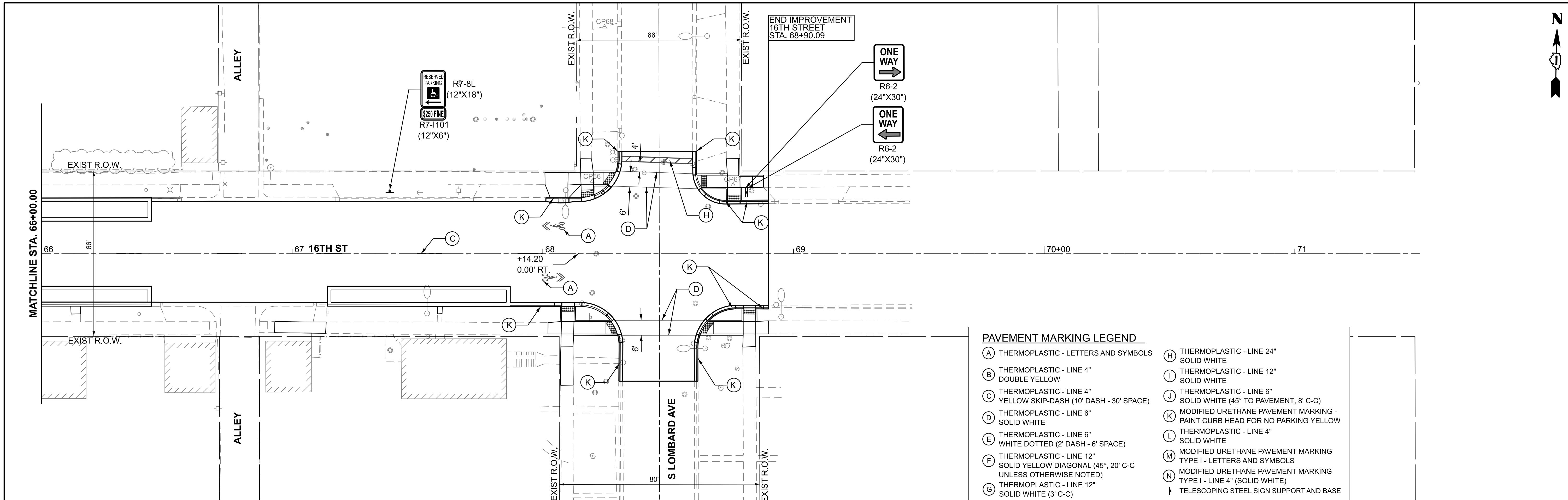
PLOT DATE = 02/11/2026		DATE - 02/11/2026		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLANS
16TH STREET - BERWYN, IL

SCALE: 1"=20' | SHEET 6 OF 7 SHEETS | STA. 55+00.00 TO STA. 66+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	100
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



PAVEMENT MARKING LEGEND

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GEWALT HAMILTON ASSOCIATES, INC.

MODEL: X_CL_16TH - Plan 13 [Sheet]
FILE NAME: G:\ORD_CONNECT\DOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_PMK-sht.dgn

USER NAME = akopel	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLANS 16TH STREET - BERWYN, IL	
	DRAWN - AMK	REVISED -			
PLOT SCALE = 0.08333317 ' / in.	CHECKED - KLB	REVISED -			
PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED -		SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. 66+00.00 TO STA. 71+50.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	101
CONTRACT NO. 61L54				
ILLINOIS	FED. AID PROJECT			

TRAFFIC SIGNAL LEGEND

ITEM	EXISTING	PROPOSED
TRAFFIC SIGNAL CABINET		
UNINTERRUPTABLE POWER SUPPLY		
COMMUNICATION CABINET	ECC	CC
MASTER CONTROLLER	EMC	MC
MASTER MASTER CONTROLLER	EMMC	MMC
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
CELLULAR MODEM	CM	CM
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 -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD - PROGRAMMABLE	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(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		
CONFIRMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
DOUBLE HANDHOLE		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H H	H H
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER BUNGALOW		
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVAL ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P P	P P
WIRELESS DETECTOR SENSOR	W	W

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	R Y G, R Y G P, R Y G EV	R Y G, R Y G P, R Y G EV
SIGNAL HEAD WITH BACKPLATE -(RB) RETROREFLECTIVE BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	R Y G, R Y G RB, R Y G P, R Y G EV	R Y G, R Y G RB, R Y G P, R Y G EV
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED LED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
ELECTRIC CABLE, SIGNAL, NO. 14 - 2/C, 3/C, 5/C, 7/C	5	5
ELECTRIC CABLE, LEAD-IN, NO. 14, 1 PAIR	1P	1P
SERVICE CABLE, 2/C - NO. 2, NO. 4, NO. 6	2#2 2#4 2#6	2#2 2#4 2#6
GROUND CABLE NO. 6 SOLID COPPER (GREEN), 1/C	1#6	1#6
ELECTRIC CABLE, TRACER, NO. 14, 1/C	1	1
ELECTRIC CABLE, RAILROAD, NO. 14, 3/C	RAILROAD NO. 14 3/C 3	RAILROAD NO. 14 3/C 3
ELECTRIC CABLE, STREET NAME SIGN NO. 14, 3/C, TYPE SOOW	SOOW 3	SOOW 3
VENDOR CABLE	V	V
EMERGENCY VEHICLE PRIORITY LINE SENSOR CABLE, NO. 20, 3/C	3#20	3#20
OUTDOOR RATED NETWORK CABLE	ONC	ONC
FIBER OPTIC CABLE -12F: 12 MULTIMODE -24F: 12 MULTIMODE / 12 SINGLE MODE -36F: 12 MULTIMODE / 24 SINGLE MODE -24SM: 24 SINGLE MODE -48SM: 48 SINGLE MODE	12F 24F 36F 24SM 48SM	24F 36F 24SM 48SM
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

GHA GEWALT HAMILTON ASSOCIATES, INC.
TS SHT NO. 1
MODEL: TS-01a [Sheet]
FILE NAME: c:\pw_work\pwidot\lawrence.demanche@illinois.gov\d0951416\TS-01.dgn

USER NAME = lawrence.demanche	DESIGNED - IP	REVISED -	
	DRAWN - IP	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - NB/KK	REVISED -	
PLOT DATE = 12/15/2025	DATE - 10/15/2025	REVISED -	

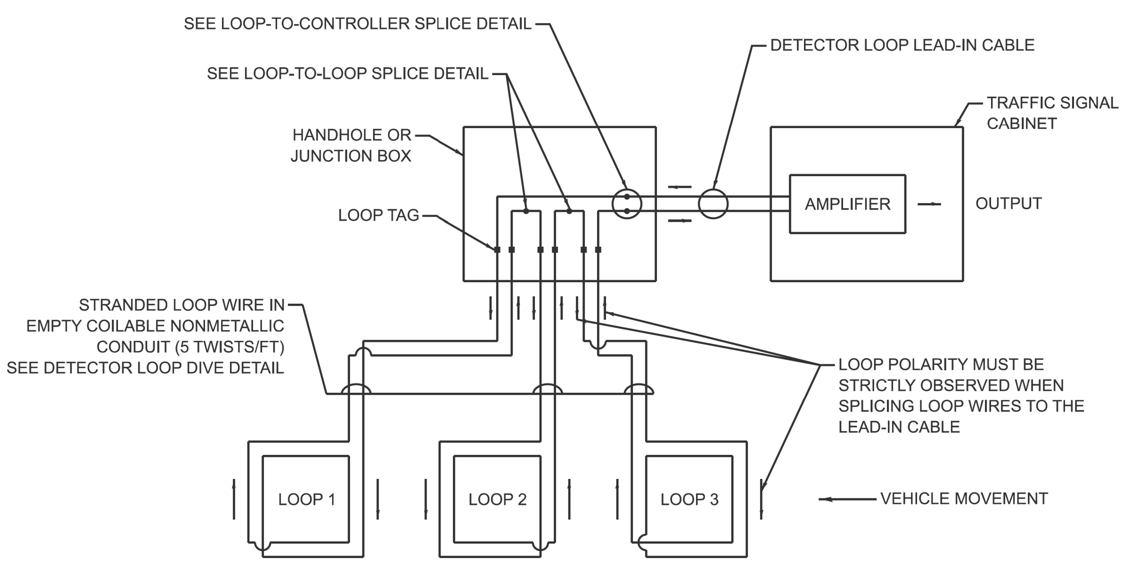
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS
SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. TO STA.

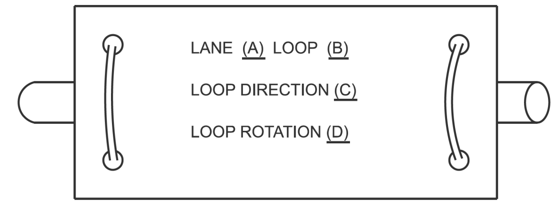
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	102
TS-01		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

DETECTOR LOOP NOTES:

1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. 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.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES 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" APART.
9. 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.
10. PREFORMED DETECTOR LOOPS SHALL BE USED 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.



DETECTOR LOOP WIRING SCHEMATIC



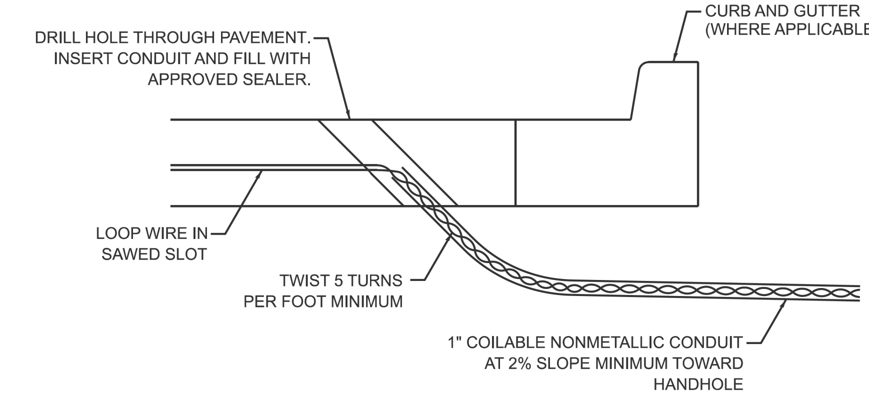
A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY.

B. LOOP #1 IS THE LOOP CLOSEST TO THE INTERSECTION.

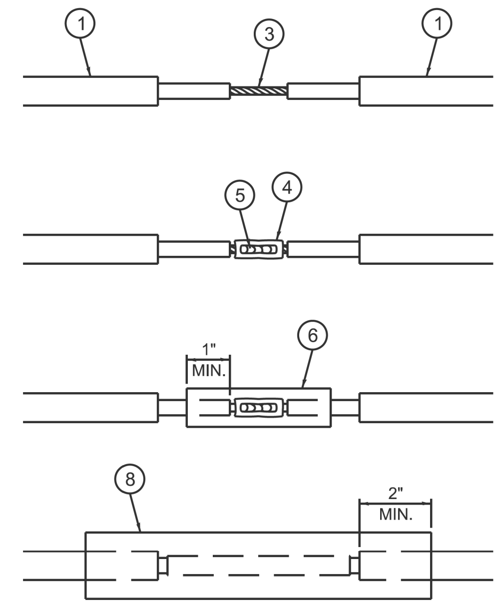
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

DETECTOR LOOP LEAD-IN CABLE TAG

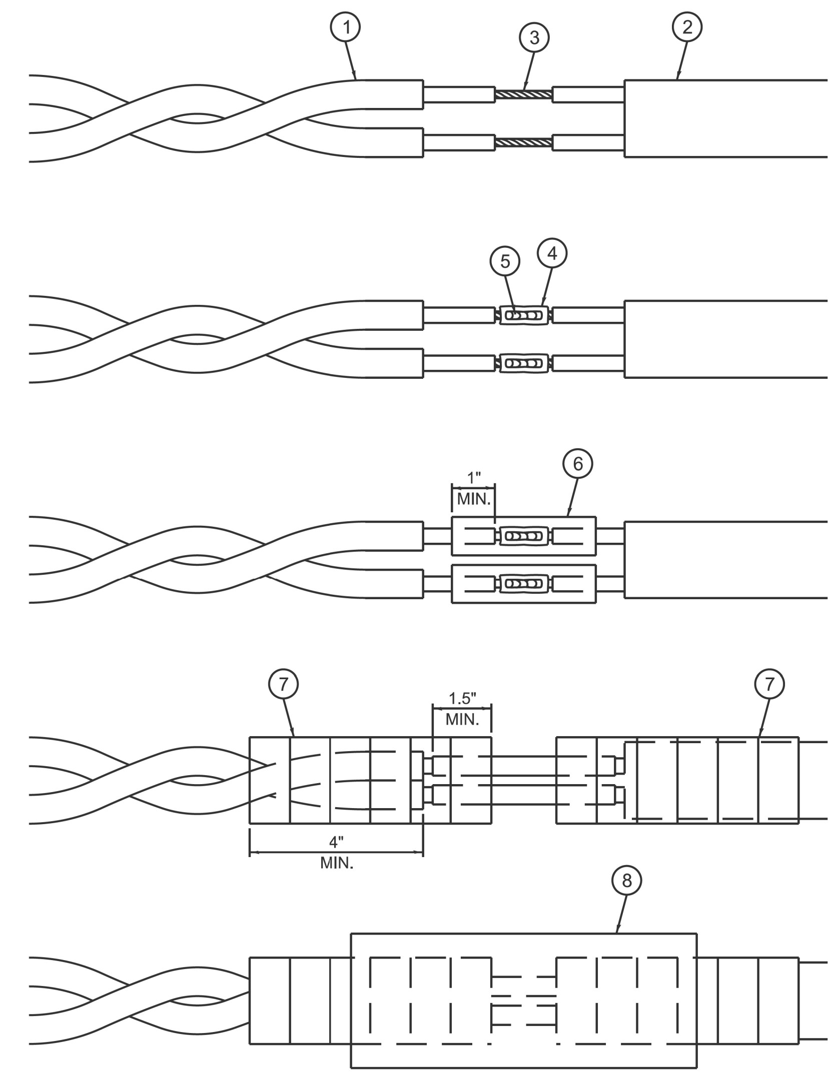


DETECTOR LOOP DIVE DETAIL



LOOP-TO-LOOP SPLICE DETAIL

1. DETECTOR LOOP CABLE.
2. DETECTOR LOOP LEAD-IN CABLE
3. BARE CONDUCTORS TWISTED TOGETHER.
4. BUTT SPLICE CRIMP CONNECTOR.
5. SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE SPLICES SHALL BE STAGGERED.
6. WCSMW 30/100 HEAT SHRINK TUBE, 3" MINIMUM LENGTH, UNDERWATER GRADE.
7. SELF-INFUSED, SILICONE ELECTRICAL TAPE TIGHTLY WRAPPED AROUND CABLES.
8. WCS 200/750 HEAT SHRINK TUBE, 8" MINIMUM LENGTH, UNDERWATER GRADE.



LOOP-TO-CONTROLLER SPLICE DETAIL

USER NAME = lawrence.demanche	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.U. RTE. 1447	SECTION 17-00175-00-LS	COUNTY COOK
	DRAWN - IP	REVISED -					TOTAL SHEETS 147 / SHEET NO. 103
PLOT SCALE = $SCALE$	CHECKED - NB/KK	REVISED -			TS-01		CONTRACT NO. 61L54
PLOT DATE = 12/16/2025	DATE - 10/15/2025	REVISED -		SCALE: NONE / SHEET 2 OF 7 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT

GHA GEWALT HAMILTON ASSOCIATES, INC.

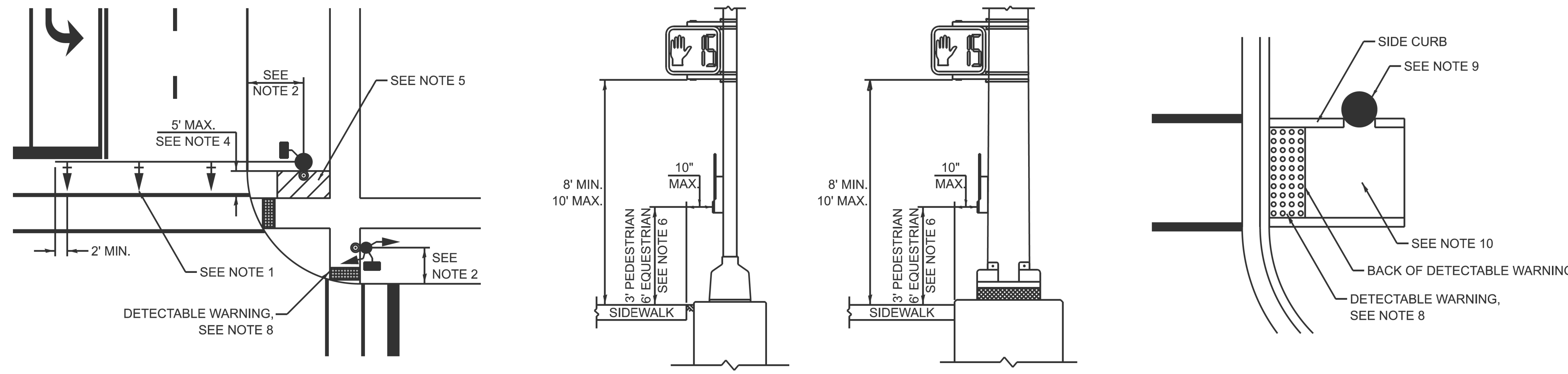
TS SHT NO. 2

MODEL: TS-01b [Sheet]
FILE NAME: c:\pw_work\pwidot\lawrence.demanche@illinois.gov\d0951416\TS-01.dgn

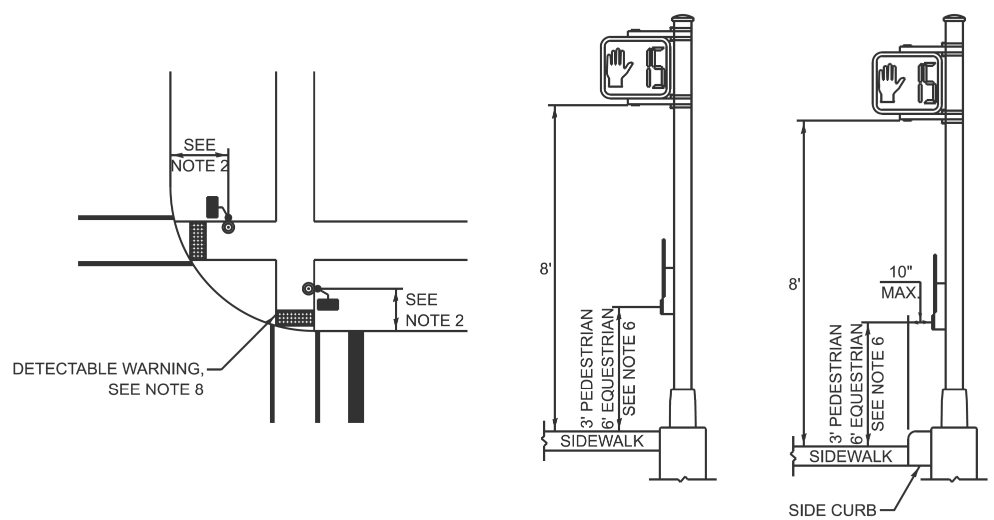
NOTES:

1. THE MAST ARM MOUNTED SIGNAL HEADS SHALL BE CENTERED ON THE LANES OR AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS TABLE.
3. A 4' MINIMUM UNOBSTRUCTED PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED.
4. THE PUSH-BUTTON SHALL BE LOCATED 5' OR LESS FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION FOR THE CROSSWALK THAT THE PUSH-BUTTON CONTROLS.
5. IF THE MAST ARM POLE OR SIGNAL POST WHERE THE PUSH-BUTTON IS TO BE INSTALLED IS NOT IMMEDIATELY ADJACENT TO THE SIDEWALK, PROVIDE A FIRM, STABLE, AND SLIP RESISTANT SURFACE UP TO THE MAST ARM POLE OR SIGNAL POST. THE MINIMUM PAVED AREA IN FRONT OF THE PUSH-BUTTON SHALL BE 2.5' X 4'. IF THIS DOES NOT MEET THE REQUIREMENT STATED IN NOTE 3, A SEPARATE PEDESTRIAN SIGNAL POST SHALL BE INSTALLED TO PLACE THE PUSH-BUTTON ADJACENT TO THE SIDEWALK SURFACE.
6. THE HEIGHT OF THE PEDESTRIAN PUSH-BUTTON SHALL BE 36". IF APPROVED BY THE AREA TRAFFIC SIGNAL ENGINEER, THE PUSH-BUTTON MAY BE LOCATED AT A HEIGHT BETWEEN 30" AND 42". THE HEIGHT OF THE EQUESTRIAN PUSH-BUTTON SHAL BE 72" OR AS DIRECTED BY THE ENGINEER.
7. THE FACE OF THE PUSH-BUTTON SHALL BE PARALLEL TO THE CROSSWALK IT CONTROLS.
8. THE PUSH-BUTTON SHALL BE LOCATED BEHIND THE DETECTABLE WARNING.
9. WHERE A PUSH-BUTTON IS BEING INSTALLED ON A MAST ARM POLE OR SIGNAL POST ADJACENT TO THE PEDESTRIAN ACCESS ROUTE, THE PROPOSED FOUNDATION SHALL BE INSTALLED WITHIN THE SIDE CURB IN ORDER TO MEET THE 10" REACH REQUIREMENT.
10. THE SIDEWALK PANEL IN FRONT OF THE PUSH-BUTTON SHALL HAVE A SLOPE LESS THAN 5%.
11. WHERE TWO PEDESTRIAN PUSH-BUTTONS ARE PROVIDED ON THE SAME CORNER, THEY SHALL BE 10' OR MORE APART. EXCEPTION: IN ALTERATIONS WHERE TECHNICALLY INFEASIBLE TO PROVIDE 10' SEPARATION BETWEEN PUSH-BUTTONS ON THE SAME CORNER.
12. CORRESPONDING PEDESTRIAN EQUIPMENT (SIGNAL HEAD AND PUSH-BUTTON) SHALL BE INSTALLED ON THE SAME POST CLOSEST TO THE CROSSWALK IT CONTROLS.
13. PEDESTRIAN SIGNAL HEADS INSTALLED ON MAST ARM POLES OR SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL. PEDESTRIAN SIGNAL HEADS INSTALLED ON PEDESTRIAN SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' ABOVE SIDEWALK LEVEL. THE PEDESTRIAN SIGNAL HEADS SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
14. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

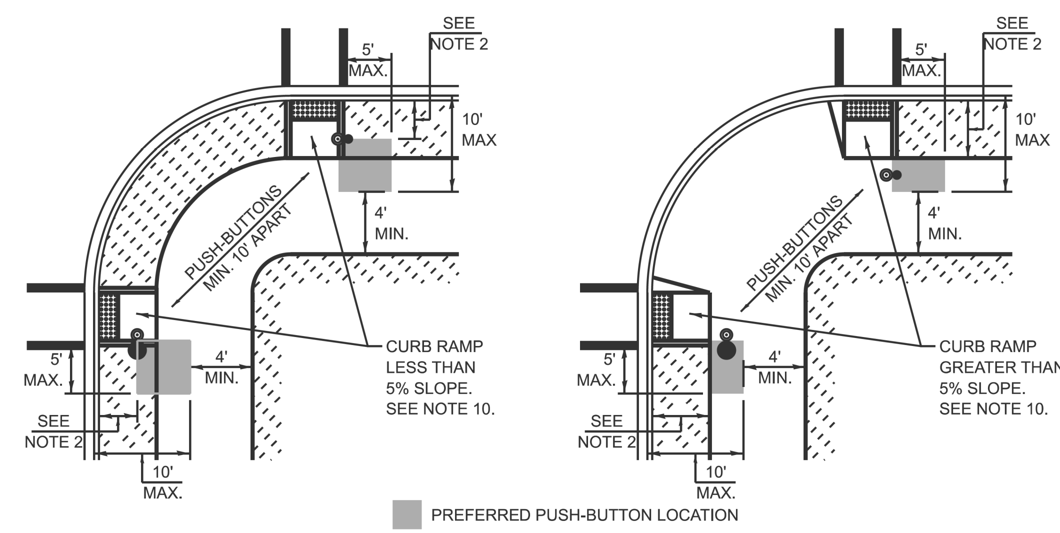
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST



PEDESTRIAN SIGNAL POST



PUSH-BUTTON LOCATIONS

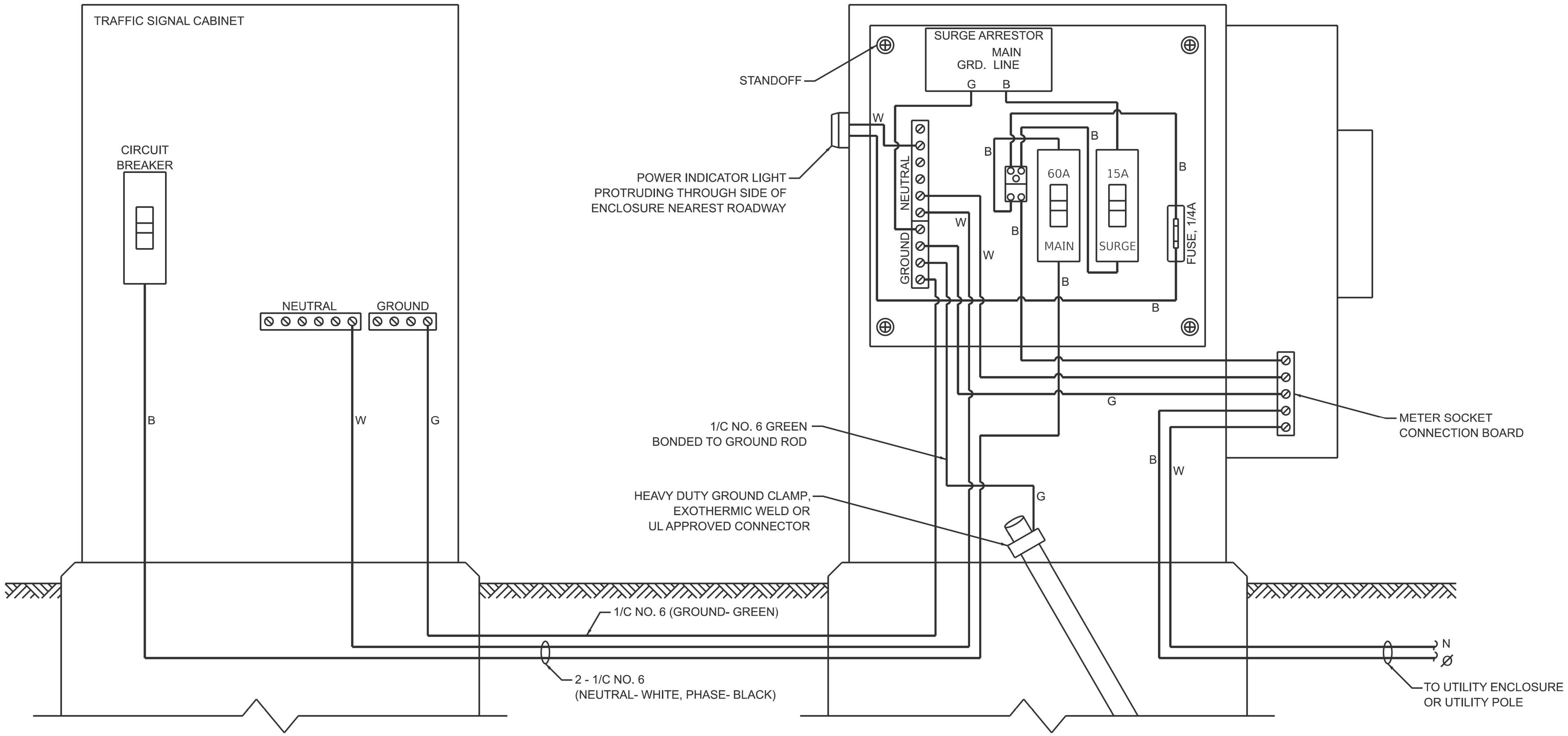


TRAFFIC SIGNAL EQUIPMENT	BARRIER CURB (MINIMUM DISTANCE FROM THE BACK OF CURB TO THE CENTER OF THE FOUNDATION)	SHOULDER / NON-BARRIER CURB (MINIMUM DISTANCE FROM THE EDGE LINE OF THE RIGHT-MOST LANE TO THE CENTER OF THE FOUNDATION)
MAST ARM ASSEMBLY AND POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
SIGNAL POST	4'	SHOULDER WIDTH + 2', MINIMUM 10'
PEDESTRIAN SIGNAL POST	4'	4' - SEE NOTE 2
TEMPORARY WOOD POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
TRAFFIC SIGNAL CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3
SERVICE CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3

TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS

NOTES:

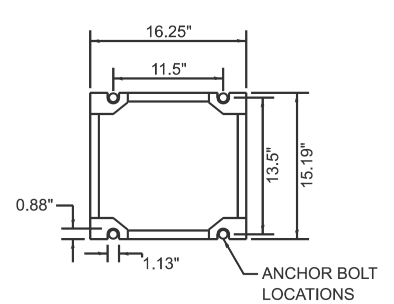
1. CONTACT THE AREA TRAFFIC SIGNAL ENGINEER FOR ASSISTANCE LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS AND THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF THE DETECTABLE WARNING.
3. MINIMUM DISTANCE TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" TABLE AND THE TRAFFIC SIGNAL PLAN COULD AFFECT THE PLACEMENT OF THE TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND THE PEDESTRIAN PUSH-BUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THESE REQUIREMENTS. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.



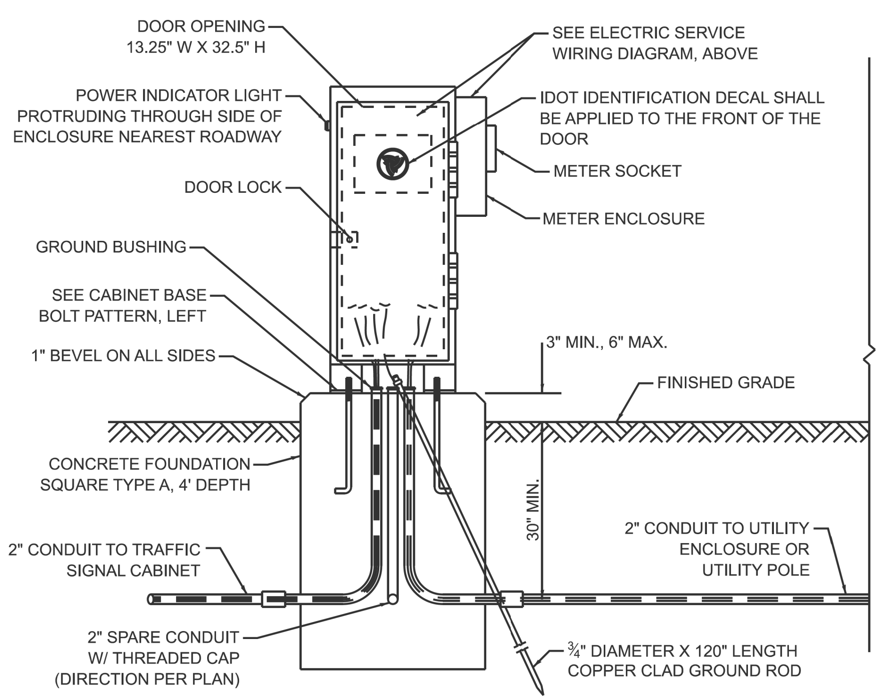
ELECTRIC SERVICE WIRING DIAGRAM IN GROUND MOUNTED SERVICE CABINET

NOTES:

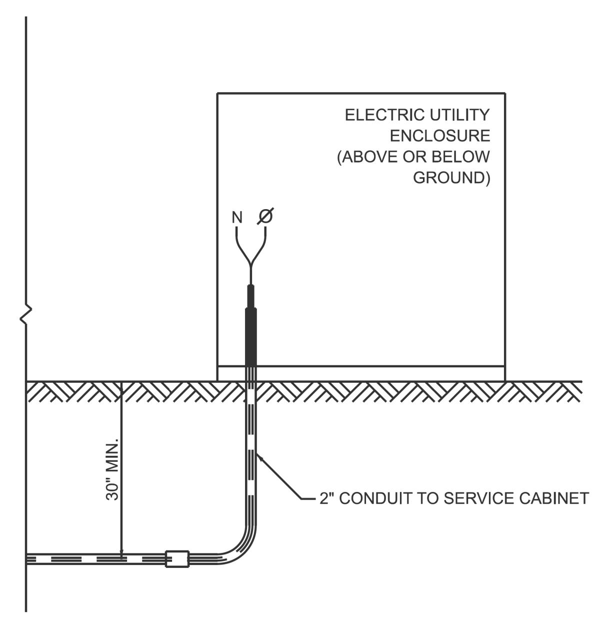
1. THE GROUND MOUNTED SERVICE CABINET IS TO BE LOCATED BETWEEN THE TRAFFIC SIGNAL CABINET AND THE UTILITY CONNECTION, PREFERABLY 20' TO 50' FROM THE TRAFFIC SIGNAL CONTROLLER CABINET.
2. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO UL STD. 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE UL LABEL.
3. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
4. THE METER SOCKET IS TO BE PROVIDED BY THE CONTRACTOR. THE METER IS TO BE PROVIDED BY THE UTILITY COMPANY.



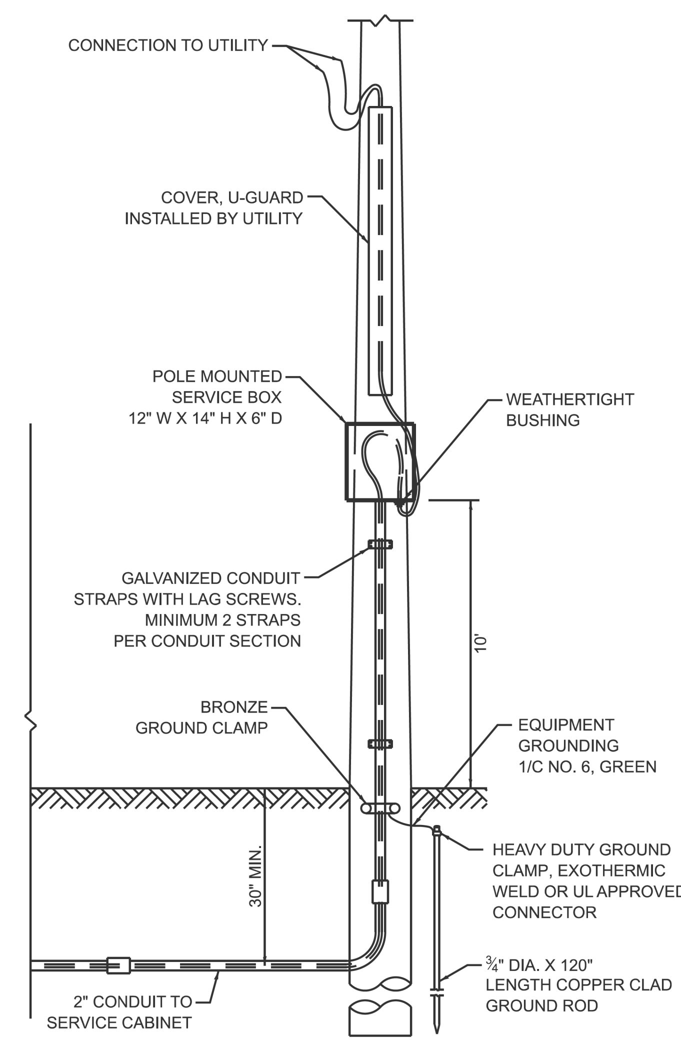
CABINET BASE BOLT PATTERN



SERVICE INSTALLATION - GROUND MOUNTED WITH METER



CONNECTION TO UTILITY ENCLOSURE



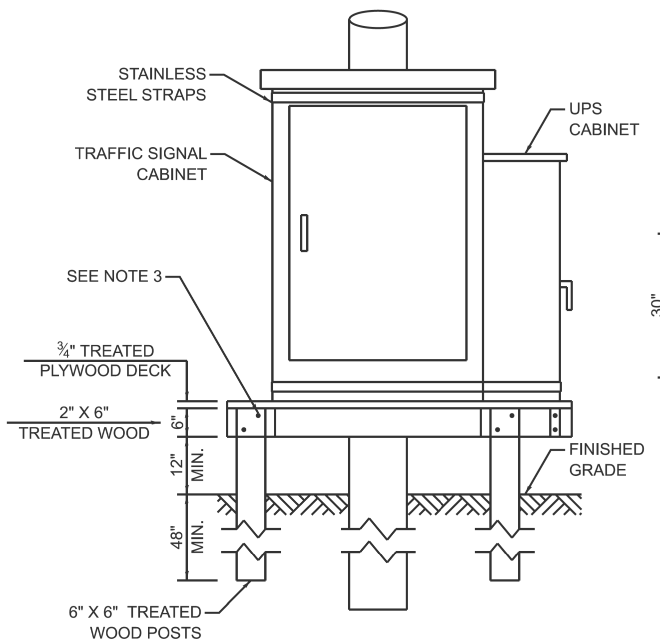
CONNECTION TO UTILITY POLE

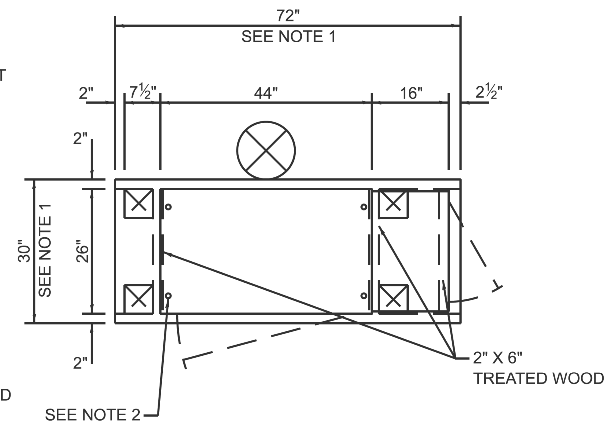
GHA GEWALT HAMILTON ASSOCIATES, INC.
TS SHT NO. 4
MODEL: TS-01d [Sheet]
FILE NAME: c:\pw_work\pwidot\lawrence.demanche@illinois.gov\d0951416\TS-01.dgn

USER NAME = lawrence.demanche	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - IP	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - NB/KK	REVISED -	
PLOT DATE = 12/16/2025	DATE - 10/15/2025	REVISED -	

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS
SCALE: NONE | SHEET 4 OF 7 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	105
	TS-01	CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



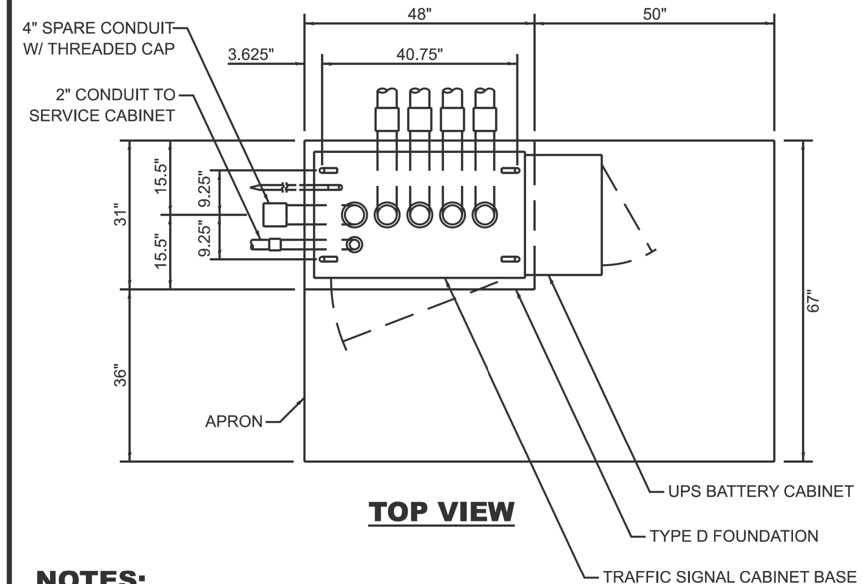


TOP VIEW

NOTES:

1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" X 44" AND UNINTERRUPTABLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" X 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH THE TRAFFIC SIGNAL CABINET BOLT TEMPLATE. THE CABINET SHALL BE FASTENED TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS, AND NUTS.
3. ALL WOOD SUPPORT FRAMING SHALL BE FASTENED TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

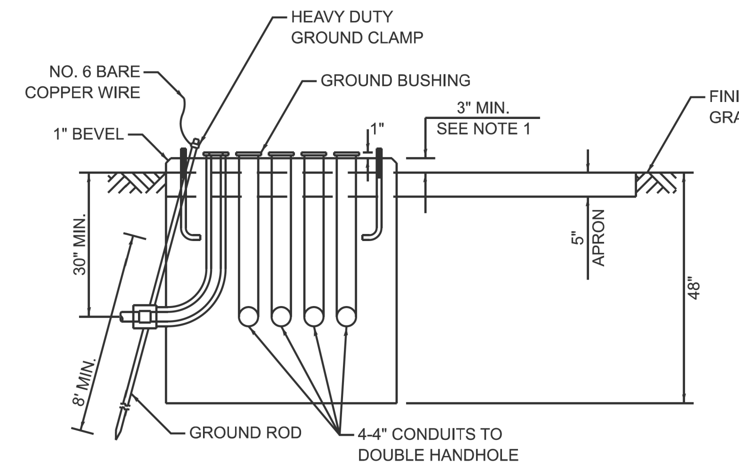
TEMPORARY TRAFFIC SIGNAL CABINET WOOD SUPPORT PLATFORM



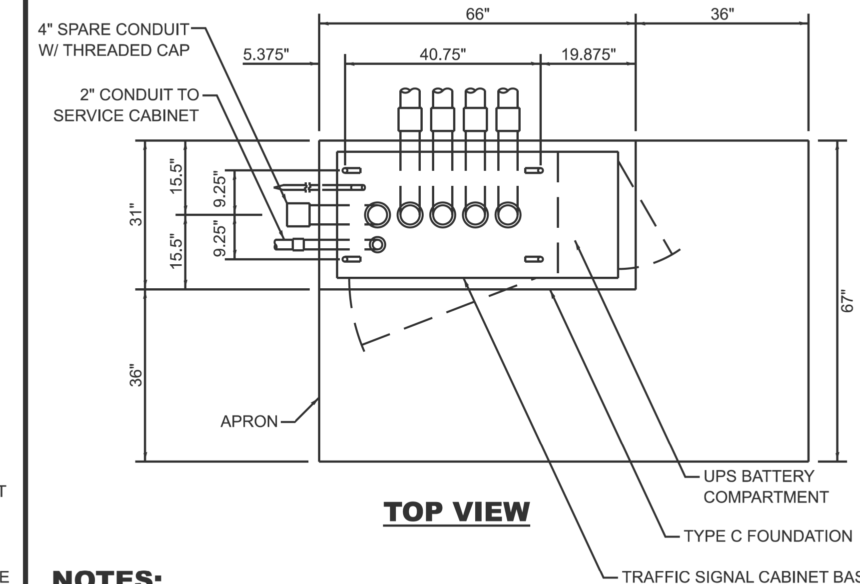
TOP VIEW

NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



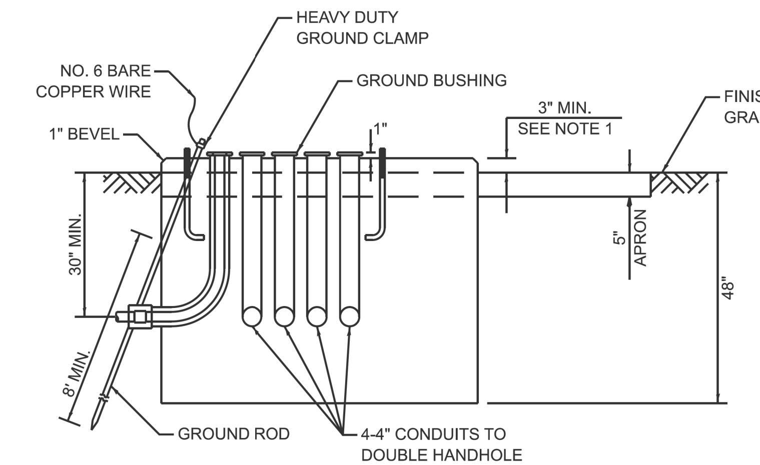
TYPE D FOUNDATION
TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET AND UPS BATTERY CABINET



TOP VIEW

NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



TYPE C FOUNDATION
SUPER P AND SUPER R TRAFFIC SIGNAL CABINETS

MAST ARM LENGTH	FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
LESS THAN 30'	10'	30"	24"	8	#6
GREATER THAN OR EQUAL TO 30' AND LESS THAN 40'	13.5'	30"	24"	8	#6
	11'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 40' AND LESS THAN 50'	13'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 50' AND UP TO 55'	15'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 56' AND LESS THAN 65'	21'	42"	36"	16	#8
GREATER THAN OR EQUAL TO 65' AND UP TO 75'	25'	42"	36"	16	#8

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

FOUNDATION	DEPTH
TYPE A - SIGNAL POST, SERVICE CABINET	4'
TYPE C - TRAFFIC SIGNAL CABINET WITH UPS	4'
TYPE D - TRAFFIC SIGNAL CABINET	4'

DEPTH OF FOUNDATIONS TYPES A, C & D

VERTICAL CABLE	LENGTH
MAST ARM MOUNTED SIGNAL HEAD (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20'+L
BRACKET MOUNTED SIGNAL HEAD (MAST ARM POLE OR SIGNAL POLE)	13'
PEDESTRIAN SIGNAL HEAD	10'
PEDESTRIAN PUSH BUTTON	6'
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5'
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5'
SERVICE INSTALLATION GROUND MOUNT	6'
FOUNDATION (SIGNAL POST, MAST ARM, TRAFFIC SIGNAL CABINET, SERVICE CABINET)	3'

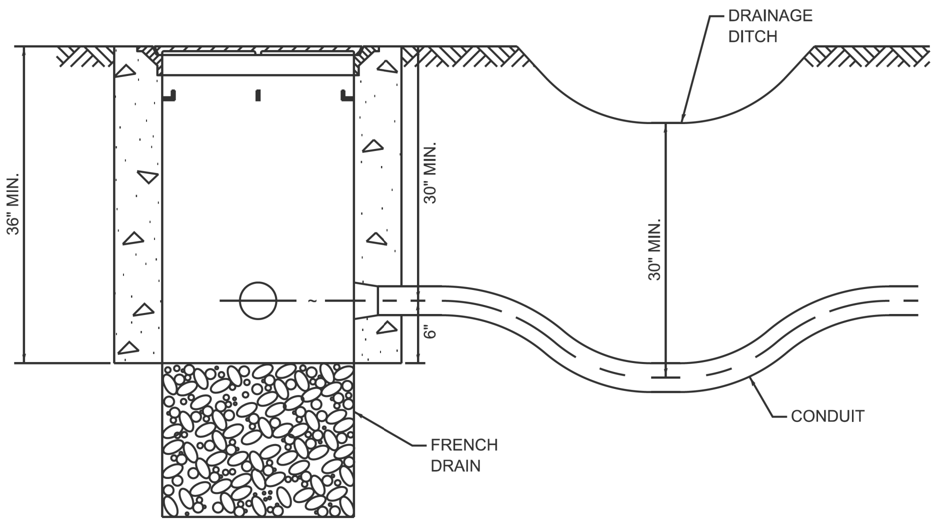
VERTICAL CABLE LENGTH

CABLE SLACK	LENGTH
HANDHOLE	6.5'
DOUBLE HANDHOLE	13'
SIGNAL POST	2'
MAST ARM	2'
TRAFFIC SIGNAL CABINET OR SERVICE CABINET	1.5'
FIBER OPTIC CABLE AT TRAFFIC SIGNAL CABINET	13'
GROUND CABLE AT SIGNAL POST, MAST ARM, OR CABINET	1.5'
GROUND CABLE AT HANDHOLE OR DOUBLE HANDHOLE	6.5'
GROUND CABLE BETWEEN HANDHOLE FRAME AND COVER	5'

CABLE SLACK LENGTH

TYPE E FOUNDATION NOTES:

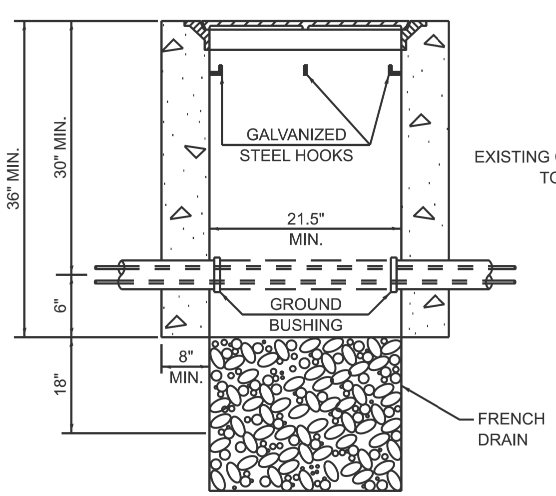
1. FOR STANDARD AND COMBINATION MAST ARM ASSEMBLIES. FOUNDATION DEPTHS FOR STANDARD DUAL MAST ARMS WITH THE LONGEST ARM LENGTH UP TO AND INCLUDING 55' SHALL BE INCREASE BY 1' OF THAT SHOWN IN THE TABLE, BASED ON THE LONGER OF THE TWO ARMS.
2. SEE STATE STANDARD 878001 CONCRETE FOUNDATION DETAILS FOR MORE INFORMATION.

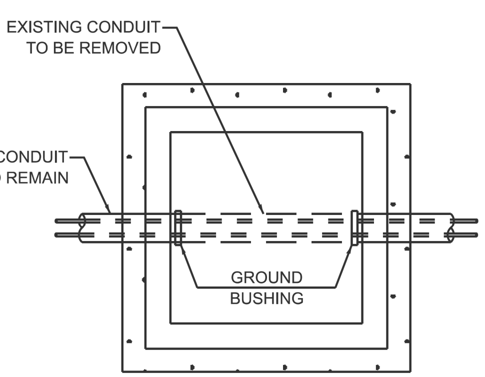


NOTES:

1. THE CONDUIT DEPTH SHALL BE A MINIMUM OF 30" 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



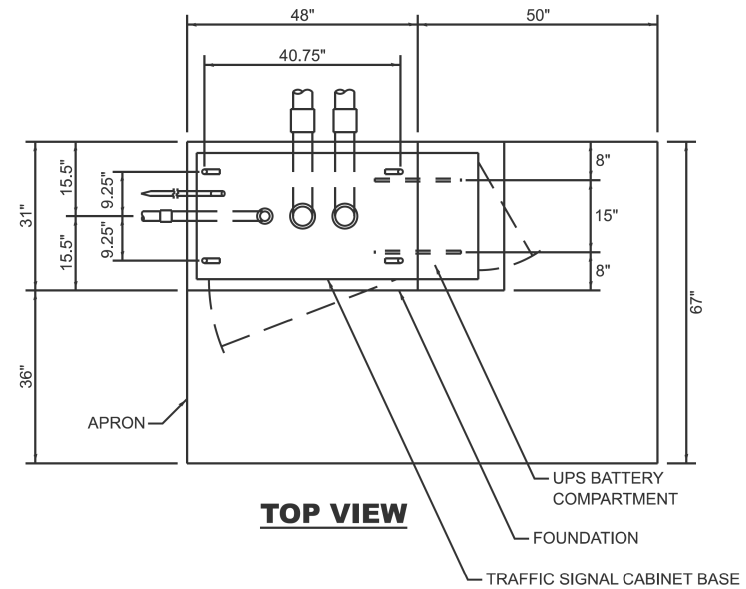


TOP VIEW

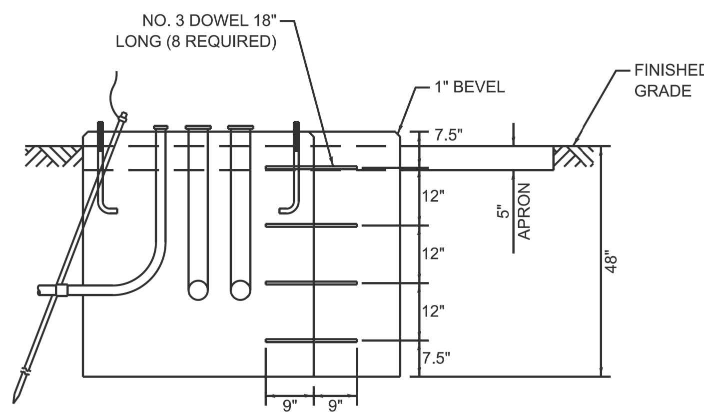
NOTES:

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.

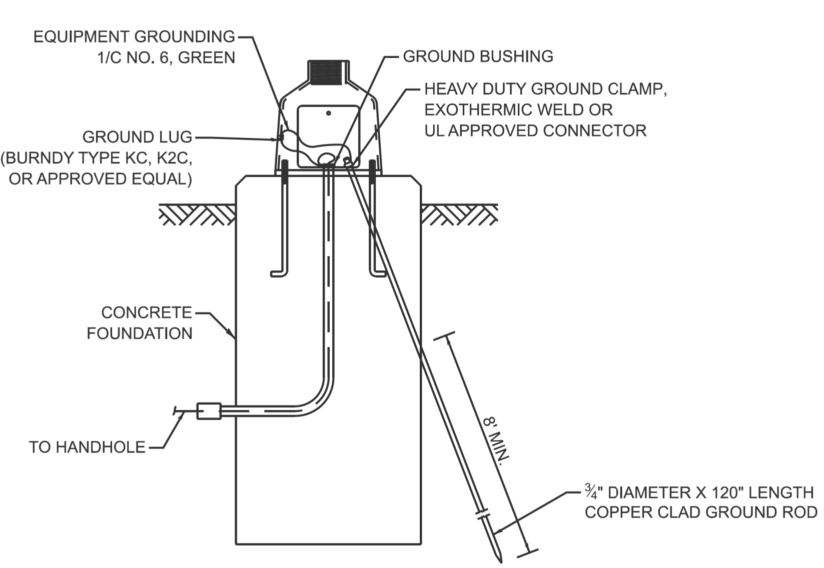
HANDHOLE TO INTERCEPT EXISTING CONDUIT



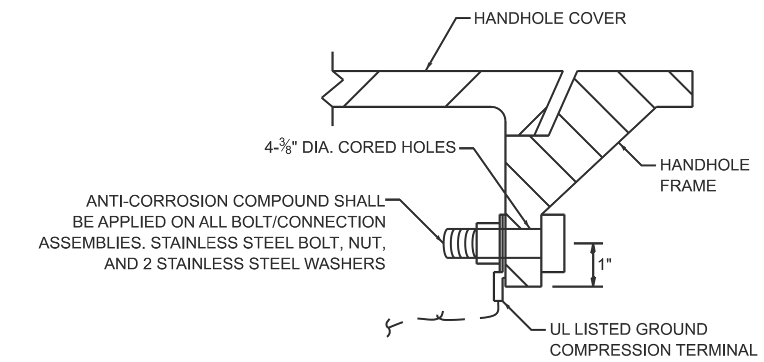
TOP VIEW



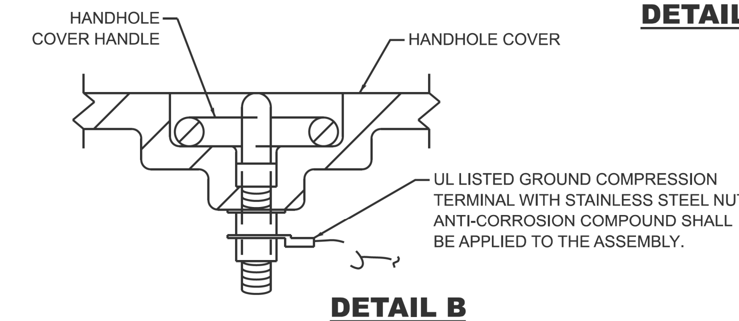
MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION



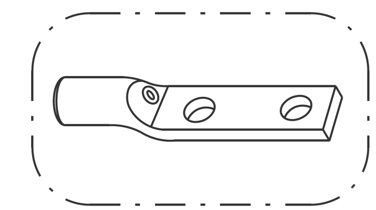
MAST ARM / POST GROUNDING DETAIL



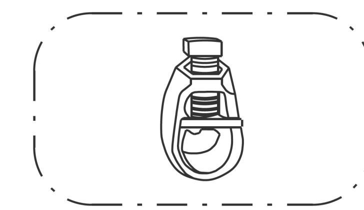
DETAIL A



DETAIL B



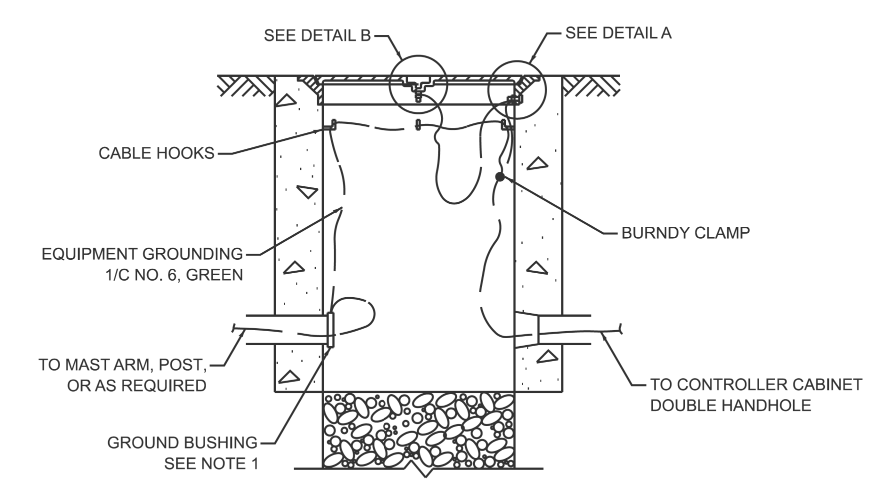
HEAVY-DUTY COMPRESSION TERMINAL
(BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" HEAVY-DUTY GROUND ROD CLAMP
BRONZE OR COPPER, UL APPROVED
(BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

1. CONDUIT THAT HAS BEEN DRILLED INTO AN EXISTING HANDHOLE WILL REQUIRE A GROUND BUSHING FOR THE CONDUIT TO BE PROPERLY GROUNDED.
2. GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' OF SLACK SHALL BE PROVIDED IN SINGLE AND DOUBLE HANDHOLES. 5' OF SLACK SHALL BE PROVIDED BETWEEN THE FRAME AND COVER.



HANDHOLE GROUNDING DETAIL

GHA GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 6

MODEL: TS-01f [Sheet]
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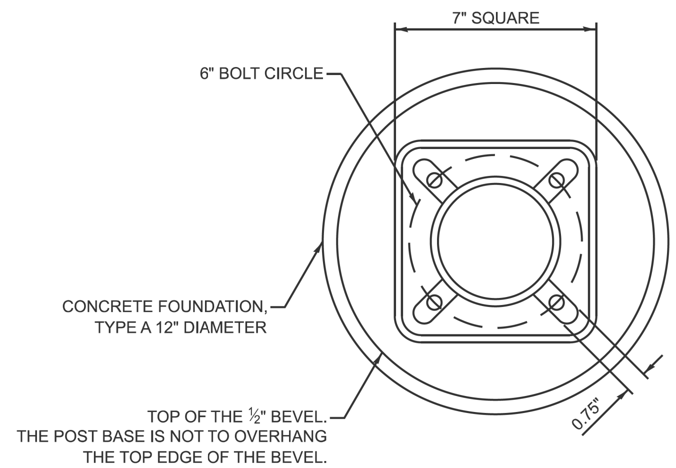
PLOT DATE = 12/16/2025	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 6 OF 7 SHEETS | STA. TO STA.

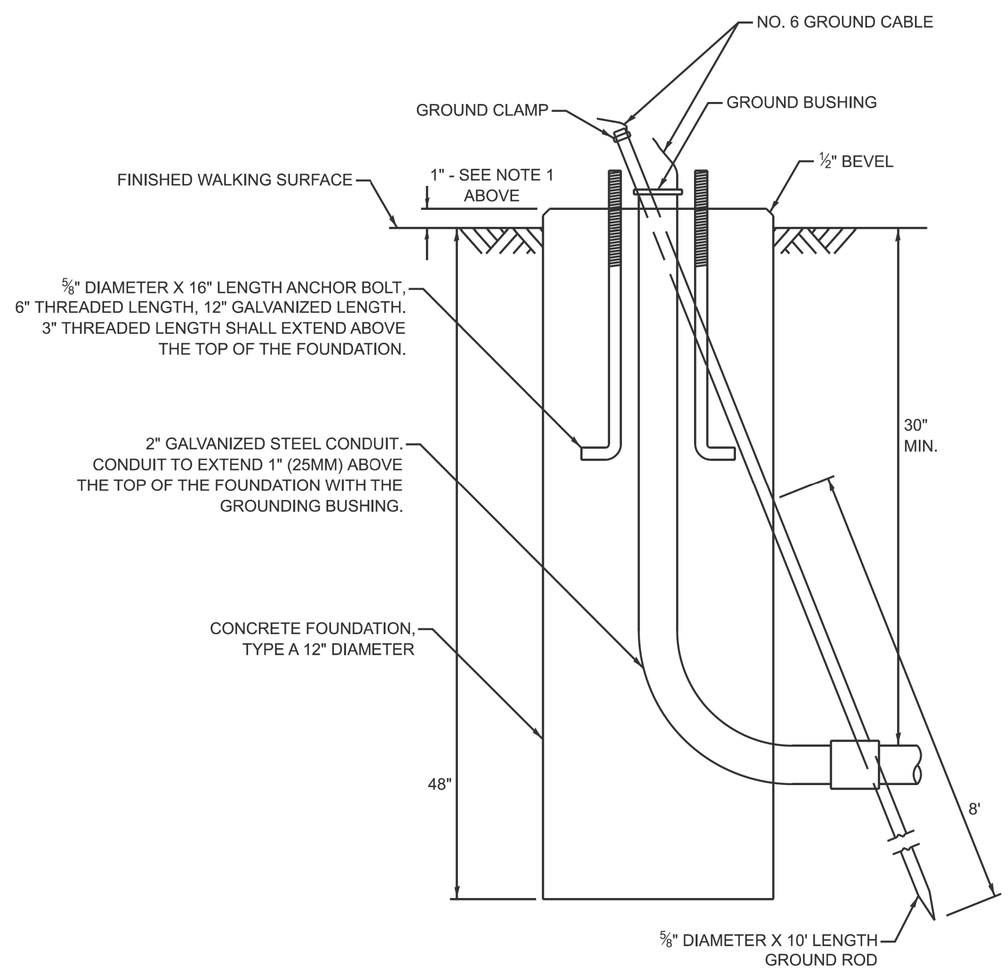
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	107
	TS-01	CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		



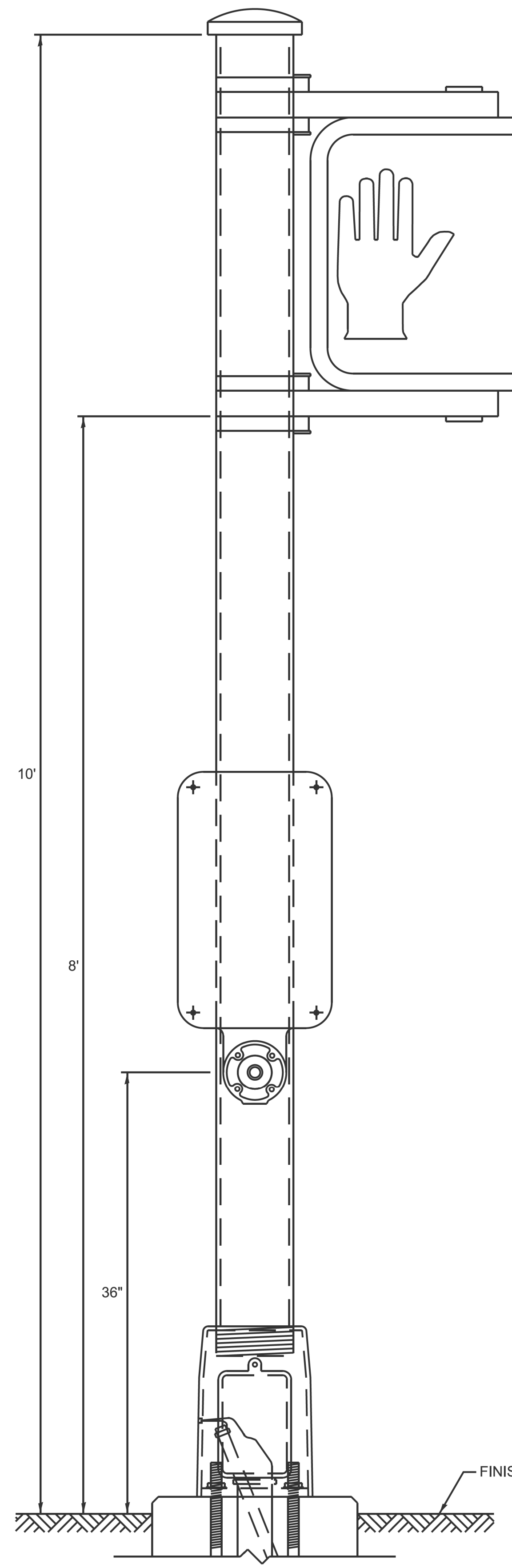
BOLT PATTERN

NOTES:

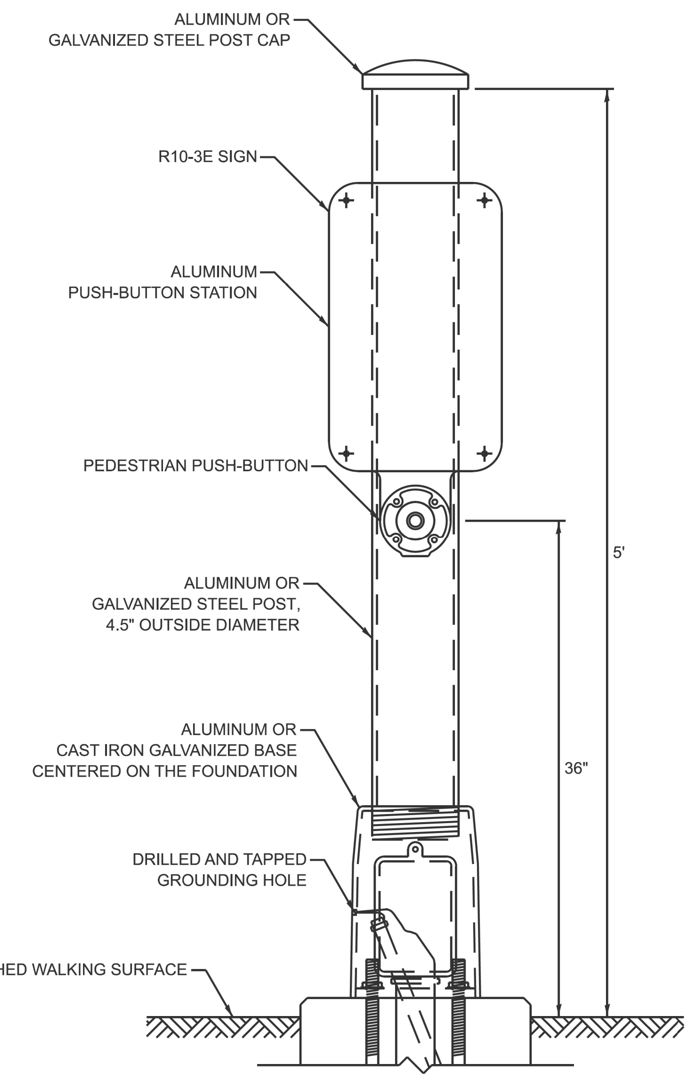
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN A SIDEWALK CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK CURB.



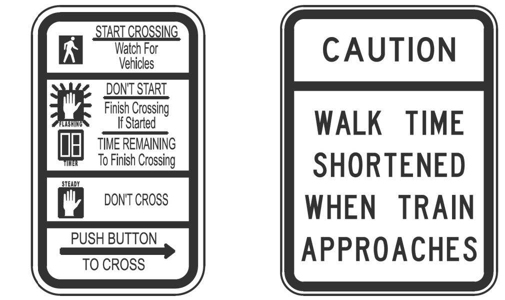
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



R10-3E
9" X 15"

W10-I101
18" X 24"

SIGN NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. WHEN SIGN R10-3E IS INSTALLED AT MEDIANS WHERE ONLY ONE PUSH-BUTTON IS BEING USED FOR BOTH DIRECTIONS, THE ARROW SHALL BE BI-DIRECTIONAL.
3. SIGN W10-I101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

GHA GEWALT HAMILTON ASSOCIATES, INC.
TS SHT NO. 7
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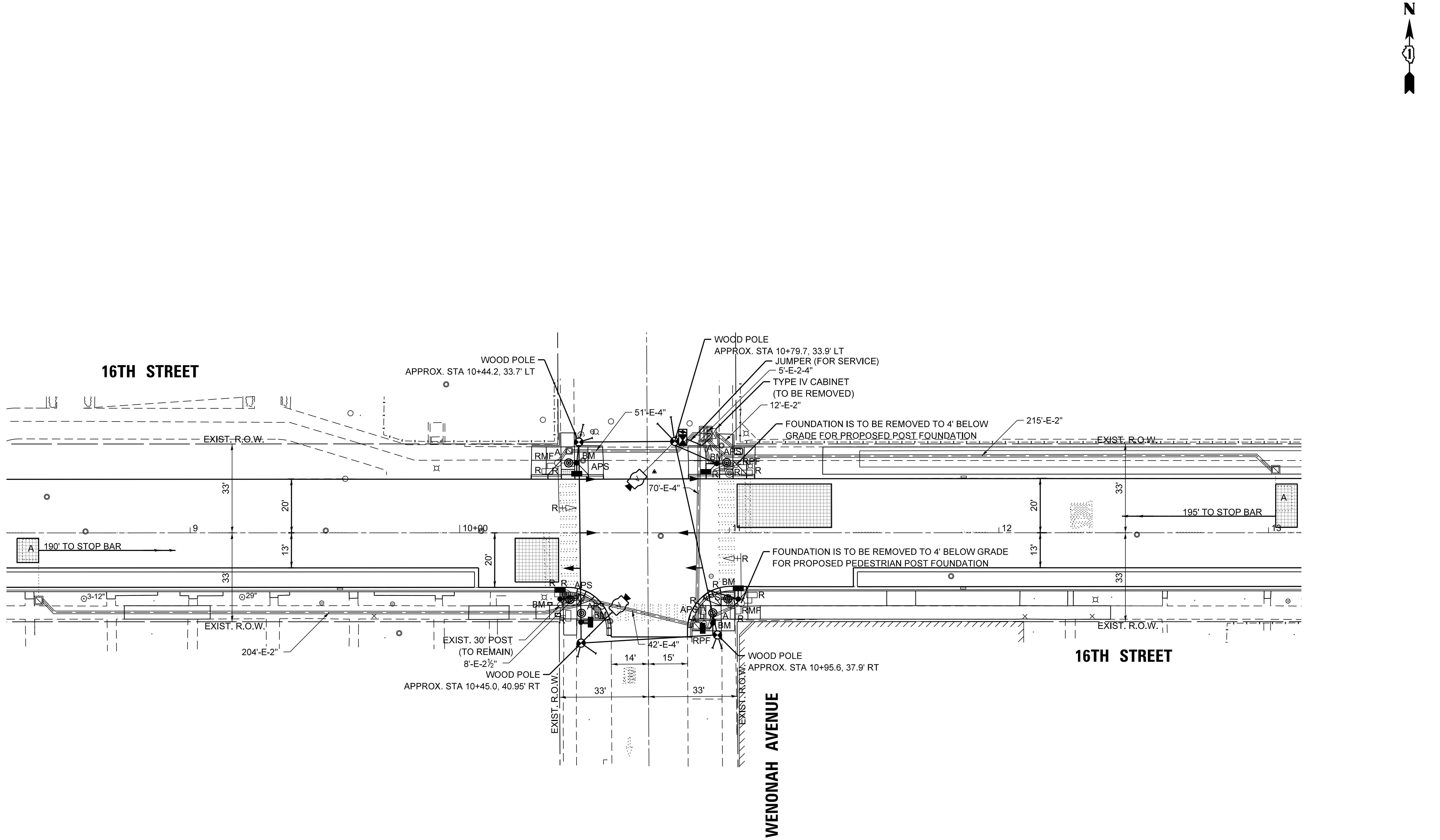
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	108
TS-01		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		



REMOVAL 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
2	EACH	TRAFFIC SIGNAL POST
5	EACH	3-SECTION SIGNAL HEAD
6	EACH	PEDESTRIAN SIGNAL HEAD
4	EACH	PEDESTRIAN PUSH-BUTTON
2	EACH	TRAFFIC SIGNAL BACKPLATE

NOTES:

1. THE CONTRACTOR SHALL REMOVE ALL SIGNAL CABLING FROM ALL EXISTING CONDUIT AND HANDHOLES THAT ARE TO REMAIN.

2. EXIST. SERVICE TO THE TEMP. SIGNAL VIA JUMPER CABLE SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.

3. ALL PEDESTRIAN PUSH-BUTTONS ON TEMPORARY TRAFFIC SIGNAL SHALL BE APS.

ECON 30

GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 8

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PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -	

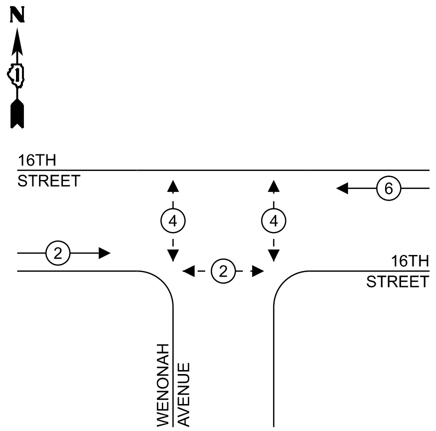
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
16TH STREET AT WENONAH AVENUE

SCALE: 1" =20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

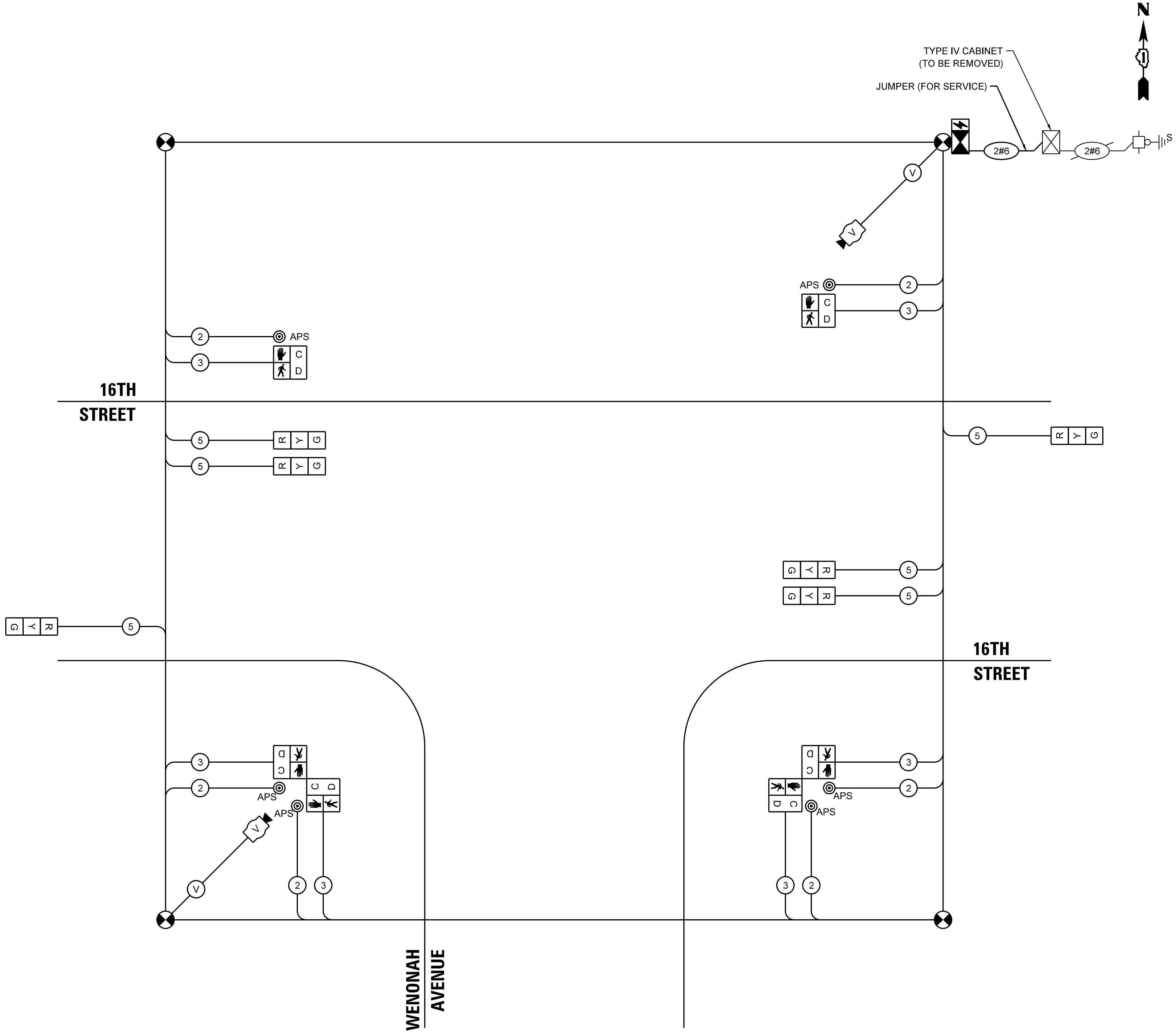
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	109
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	

TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN

(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	6	11	66
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE SIGNAL	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		6	15	90
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR	-	20	-
	VIDEO	2	20	40
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH (II OR III)		-	35	-
CELLULAR MODEM		-	15	-
		TOTAL FOR UPS =		371
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
		TOTAL FOR SERVICE =		976

ENERGY COSTS TO:

BERWYN PUBLIC WORKS
6700 W 30TH ST
BERWYN, ILLINOIS 60402

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COM-ED
ACCOUNT NUMBER: -

ECON 30

TS SHT NO. 9

GEWALT HAMILTON ASSOCIATES, INC.

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PLOT DATE = 7/11/2025	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

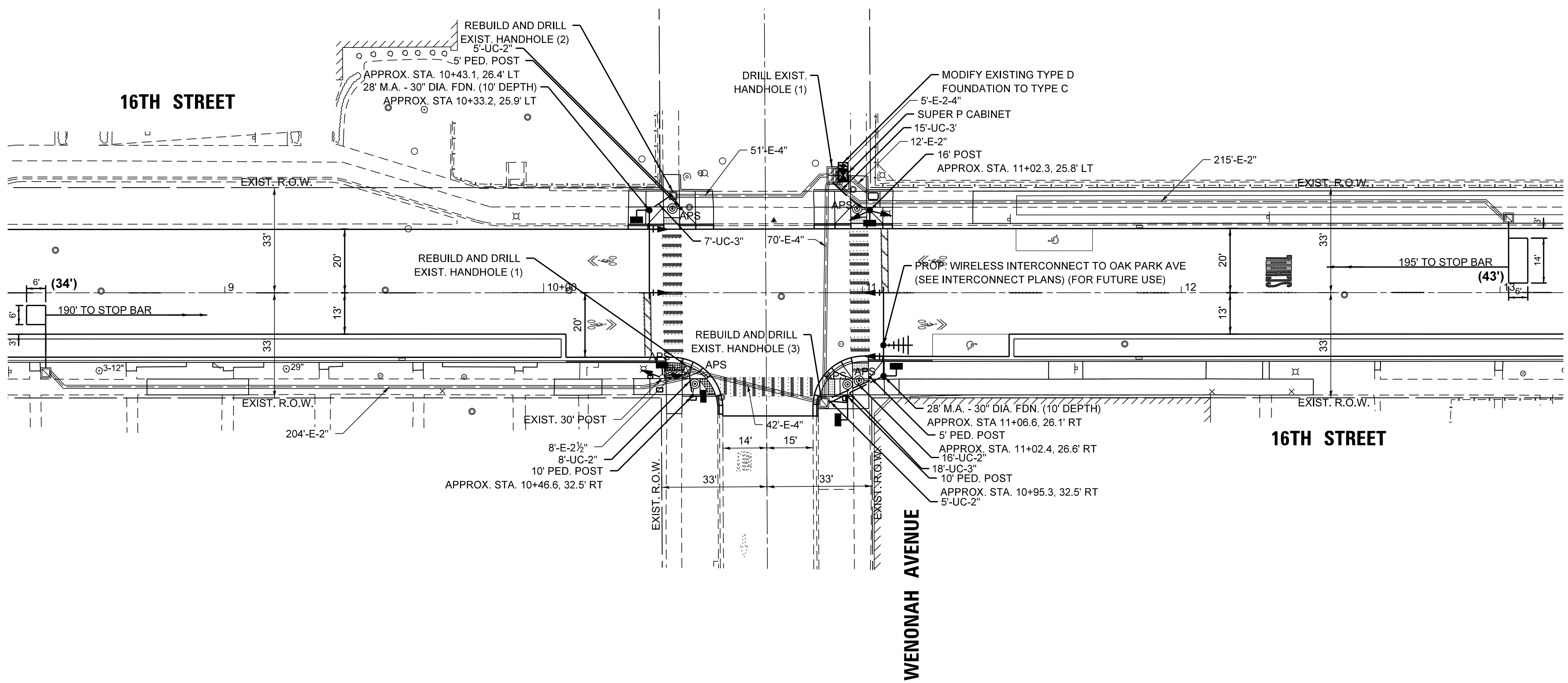
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
16TH STREET AT WENONAH AVENUE

SCALE: N.A. | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	110

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLES AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT ON THEM WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.
5. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

ECON 30

GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 10

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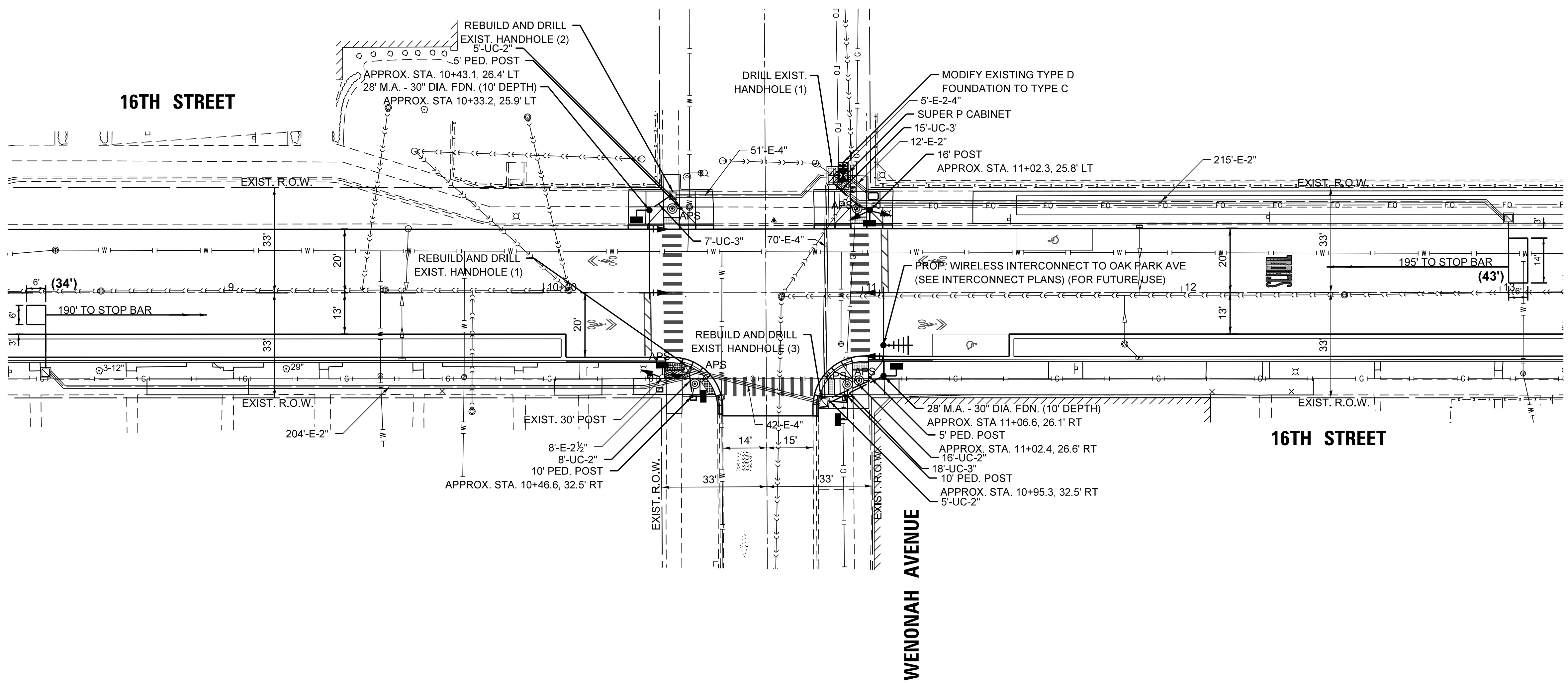
PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
16TH STREET AT WENONAH AVENUE

SCALE: 1" = 20' | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	111
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLES AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT ON THEM WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.
5. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

ECON 30

GEWALT HAMILTON ASSOCIATES, INC.

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PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN WITH UTILITIES
16TH STREET AT WENONAH AVENUE

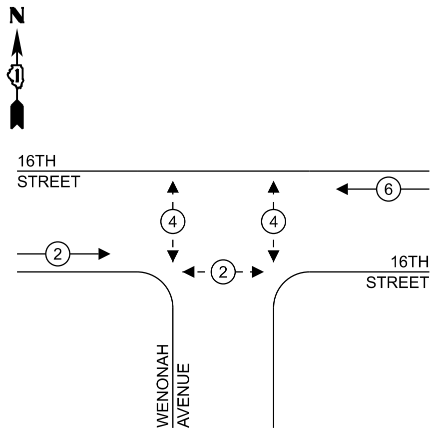
SCALE: 1" = 20' | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	112

CONTRACT NO. 61L54

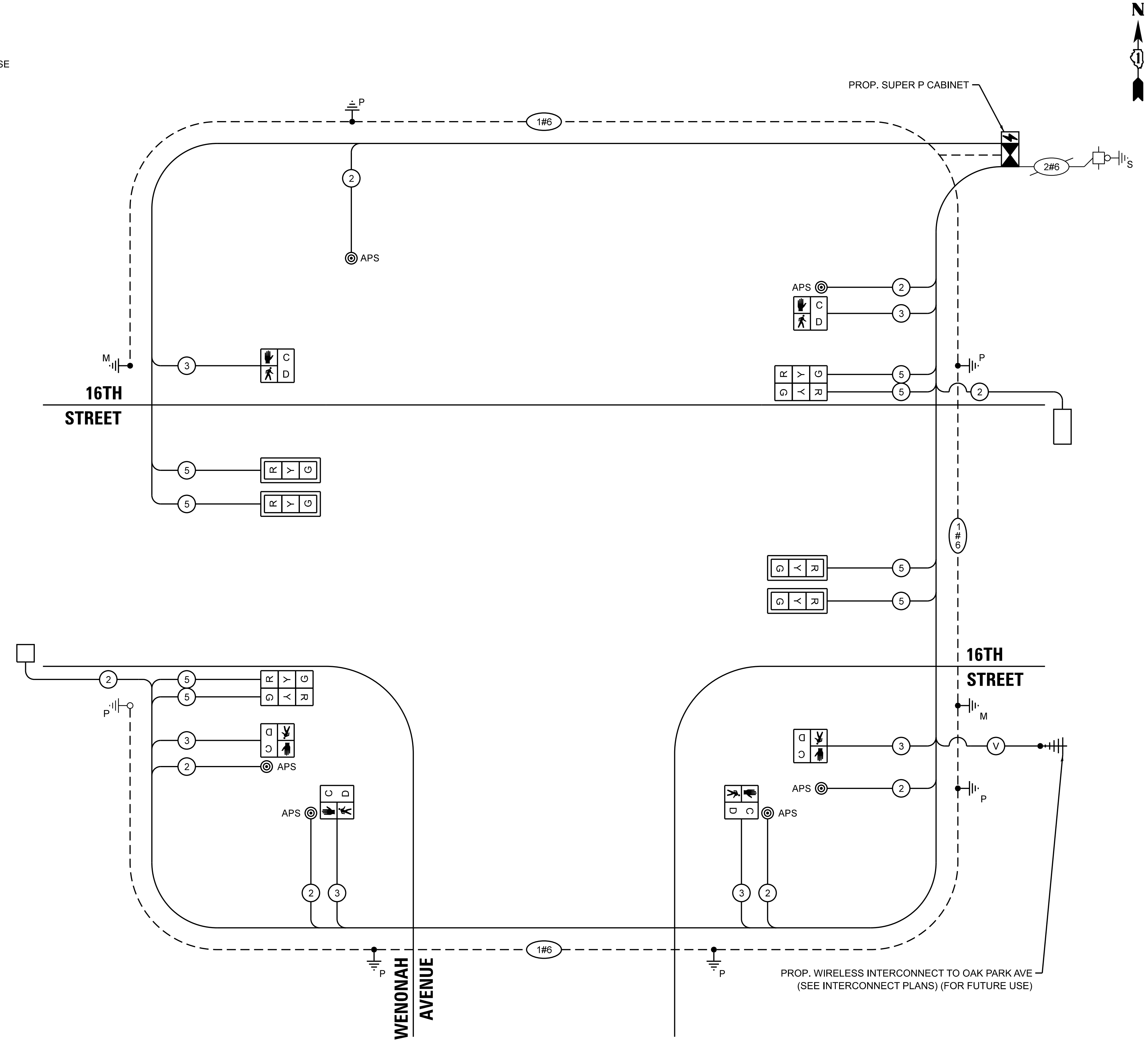
ILLINOIS | FED. AID PROJECT

EXISTING AND PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	8	11	88
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE SIGNAL	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		6	15	90
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR	-	20	-
	VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH (II OR III)		1	35	35
CELLULAR MODEM		-	15	-
		TOTAL FOR UPS =		388
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
		TOTAL FOR SERVICE =		1023
		MINIMUM UPS SIZE = (SERVICE TOTAL +20%)		1228

ENERGY COSTS TO:

BERWYN PUBLIC WORKS
6700 W 30TH ST
BERWYN, IL 60402

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COM-ED
ACCOUNT NUMBER: -

NOTES:
ALL RED SIGNAL INDICATIONS SHALL HAVE A LENS COVER

TRAFFIC SIGNAL CONTROL EQUIPMENT SHALL BE NTCIP LATEST VERSION

ECON 30

GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 12

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PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -	

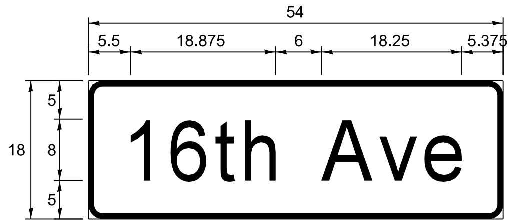
CABLE PLAN AND PHASE DESIGNATION DIAGRAM
16TH STREET AT WENONAH AVENUE

SCALE: N.A. | SHEET 5 OF 6 SHEETS | STA. TO STA.

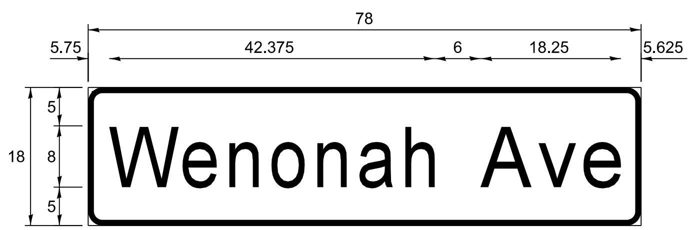
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	113
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	

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	6.75	1	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	1	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

STREETNAME SIGNS SHALL HAVE A BLUE BACKGROUND.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	26.25
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	34
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	40
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	739
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	781
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,054
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	606
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	321
TRAFFIC SIGNAL POST, 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	2
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
DRILL EXISTING HANDHOLE	EACH	7
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	4
INDUCTIVE LOOP DETECTOR	EACH	2
DETECTOR LOOP, TYPE I	FOOT	77
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2,987
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	3
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
MODIFY EXISTING TYPE "D" FOUNDATION	EACH	1
LED SIGNAL FACE, LENS COVER	EACH	8
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

ECON 30

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 13

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PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/17/2025	DATE - 02/11/2026	REVISED -	

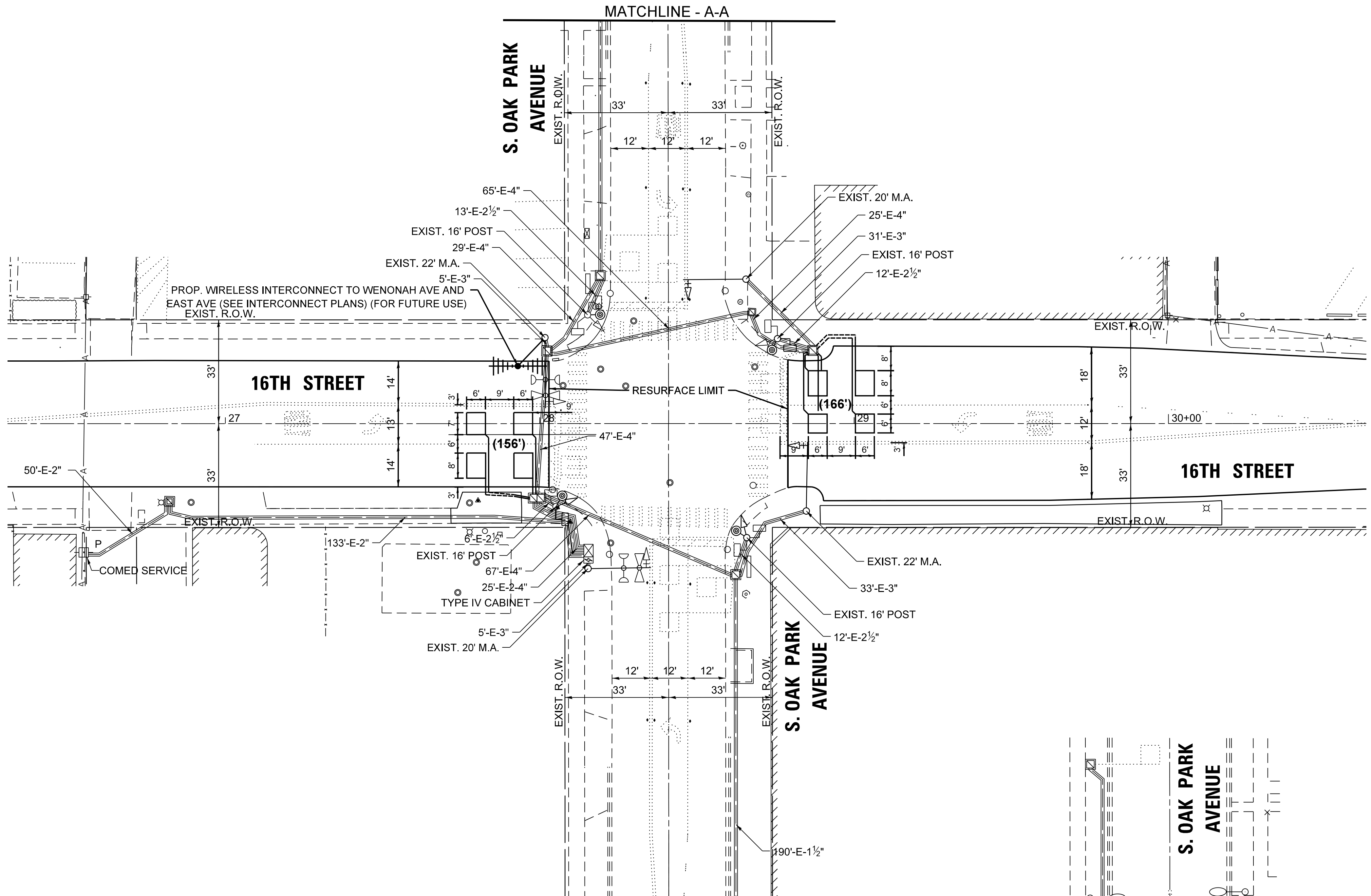
MAST ARM MOUNTED STREET NAME SIGNS SCHEDULE OF QUANTITIES
16TH STREET AT WENONAH AVENUE

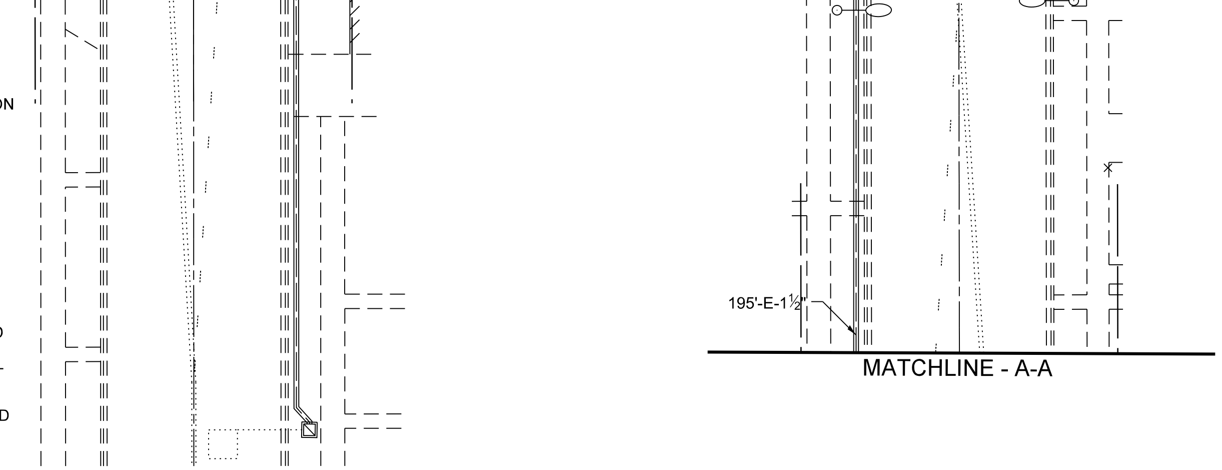
SCALE: N.A. | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	114

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT





NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)".

2. THIS PLAN IS FOR THE PURPOSE OF DETECTOR LOOP REPLACEMENT AND WIRELESS INTERCONNECT INSTALLATION.

3. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLES AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

4. THE CONTRACTOR SHALL INSTALL THE WIRELESS ANTENNA AND ASSOCIATED CABINET EQUIPMENT, BUT NOT CONNECT IT TO THE EXISTING TRAFFIC SIGNAL CONTROLLER. A FUTURE IDOT PROJECT WILL INSTALL FIBER OPTIC INTERCONNECT ALONG OAK PARK AVE, AND THE WIRELESS INTERCONNECT WILL THEN BE ENERGIZED AND MADE OPERATIONAL. SEE INTERCONNECT PLANS.

REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
X8860105	DETECTOR LOOP REPLACEMENT	322	FOOT

ECON 30

TS 7925

TS SHT NO. 14

GEWALT HAMILTON ASSOCIATES, INC.

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USER NAME = zwallsten	DESIGNED -	RJH	REVISED -		
	DRAWN -	AMK	REVISED -		
PLOT SCALE = 0.083 ' / in.	CHECKED -	RJH	REVISED -		
PLOT DATE = 7/29/2025	DATE -	02/11/2026	REVISED -		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
16TH STREET AT SOUTH OAK PARK AVENUE

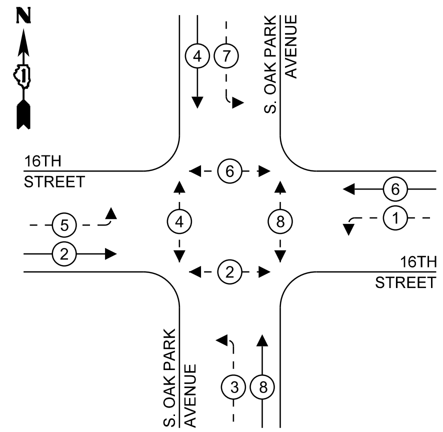
SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	115

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

EXISTING CONTROLLER SEQUENCE



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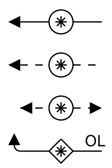
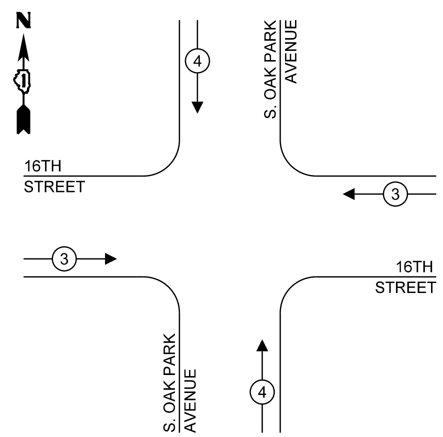


- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



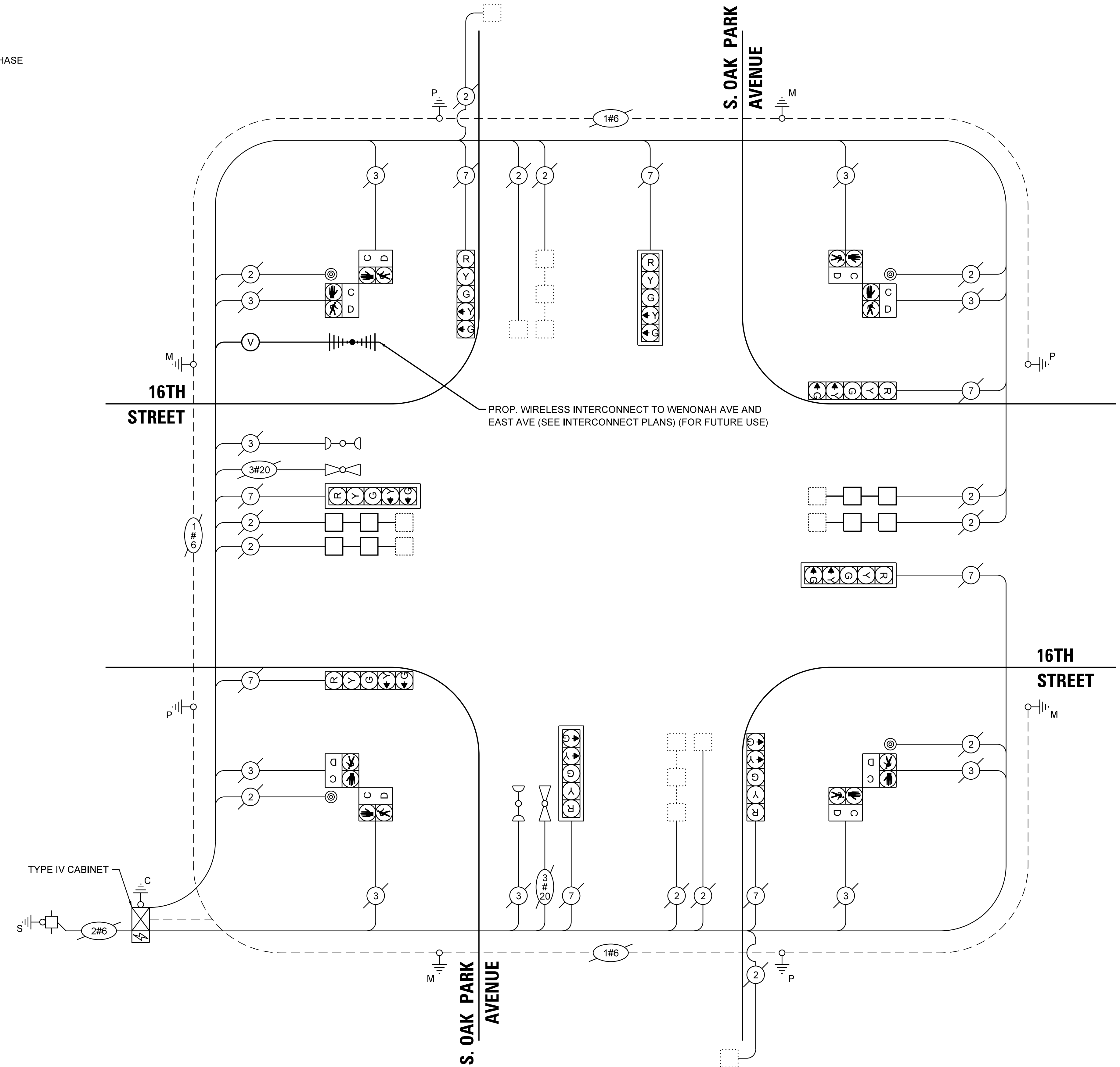
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	-	11	-
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE SIGNAL	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR	-	20	-
	VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH (II OR III)		-	35	-
CELLULAR MODEM		-	15	-
		TOTAL FOR UPS =		399
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
		TOTAL FOR SERVICE =		1,004

ENERGY COSTS TO:

BERWYN PUBLIC WORKS
6700 W 30TH ST
BERWYN, IL 60402

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COM-ED
ACCOUNT NUMBER: -



CABLE PLAN

(NOT TO SCALE)

ECON 30
TS 7925

TS SHT NO. 15

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Perm
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS-Cable 16th @ Oak Park.dgn

USER NAME = chernandez	DESIGNED - RJH	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -
PLOT DATE = 7/10/2025	DATE - 02/11/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

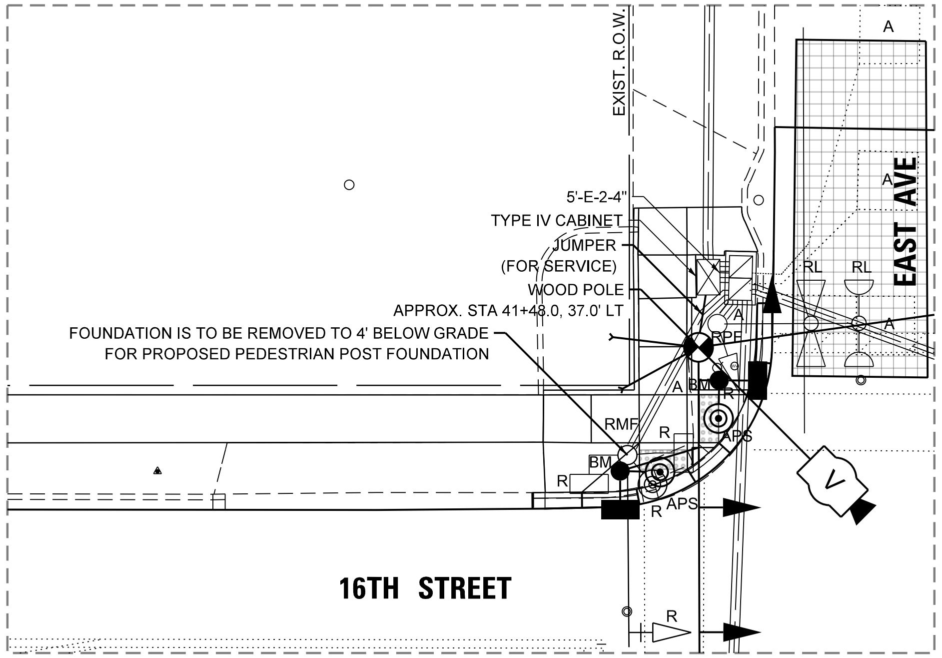
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
16TH STREET AT SOUTH OAK PARK AVENUE

SCALE: N.A. SHEET 2 OF 2 SHEETS STA. TO STA.

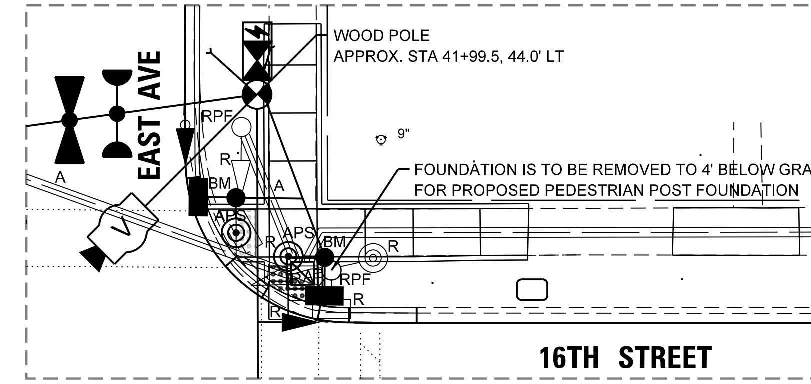
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	116

CONTRACT NO. 61L54

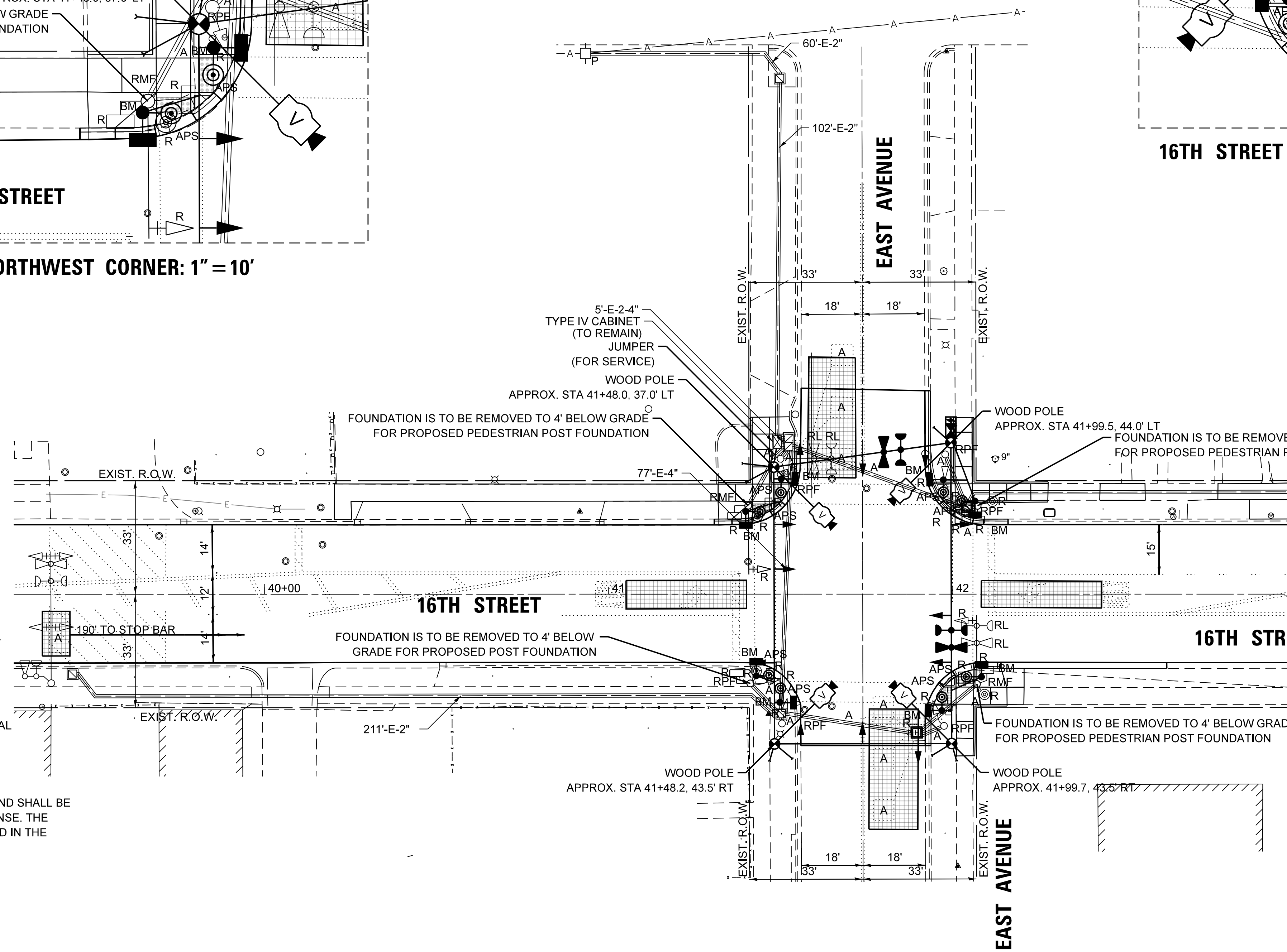
ILLINOIS FED. AID PROJECT



16TH STREET AT EAST AVE NORTHWEST CORNER: 1" = 10'



16TH STREET AT EAST AVE NORTHEAST CORNER: 1" = 10'



NOTES:

1. THE CONTRACTOR SHALL REMOVE ALL SIGNAL CABLING FROM ALL EXISTING CONDUIT AND HANDHOLES THAT ARE TO REMAIN.

2. EXIST. SERVICE TO THE TEMP. SIGNAL VIA JUMPER CABLE SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.

3. ALL PEDESTRIAN PUSH-BUTTONS ON TEMPORARY TRAFFIC SIGNAL SHALL BE APS.

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.

2	EACH	STEEL MAST ARM ASSEMBLY AND POST
6	EACH	TRAFFIC SIGNAL POST
8	EACH	3-SECTION SIGNAL HEAD
8	EACH	PEDESTRIAN SIGNAL HEAD
4	EACH	PEDESTRIAN PUSH-BUTTON
2	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	STREET NAME SIGN PANEL

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARMS:

2	EACH	CONFIRMATION BEACON
2	EACH	LIGHT DETECTOR

ECON 30

GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 16

MODEL: Temp
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS 16th @ East - NoUtility.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS
	DRAWN - AMK	REVISED -	DEPARTMENT OF TRANSPORTATION
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -	

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
16TH STREET AT EAST AVENUE

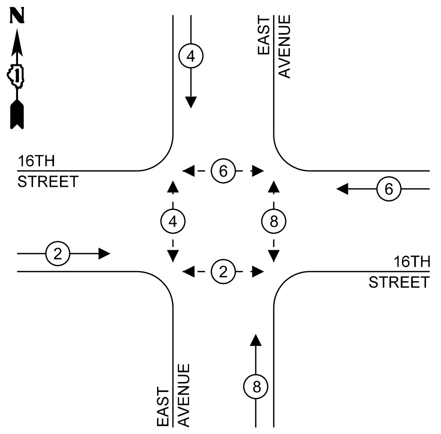
SCALE: 1" = 20' | SHEET 1 OF 6 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	117

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT

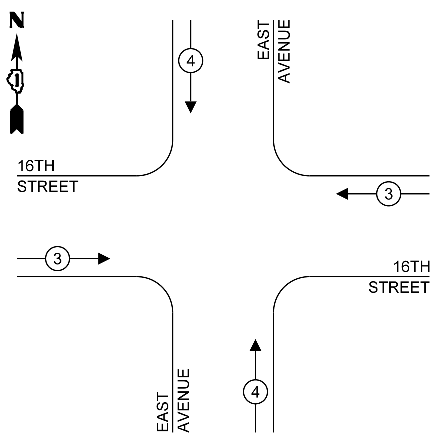
TEMPORARY CONTROLLER SEQUENCE

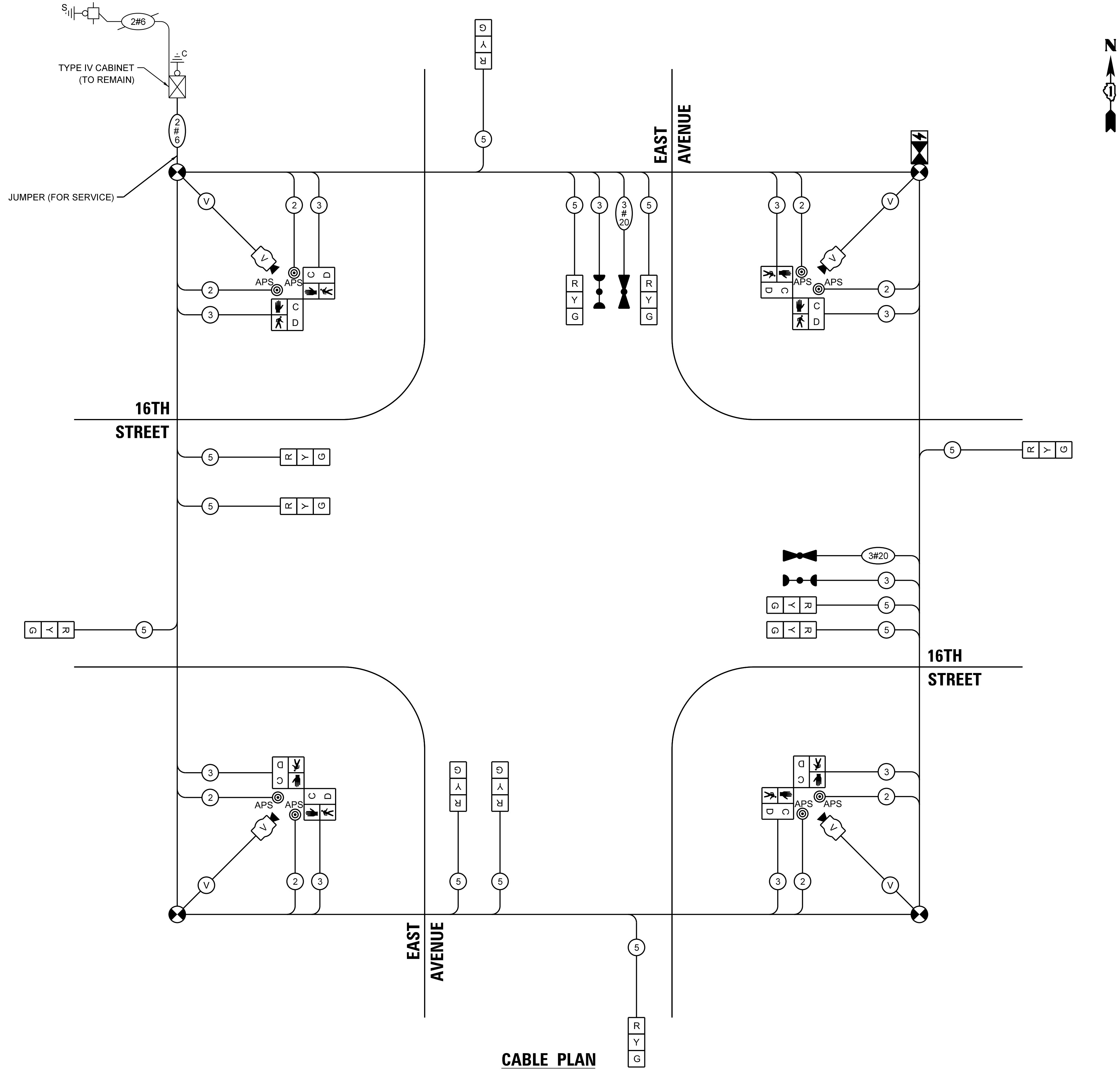


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN

(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	12	11	132
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE SIGNAL	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR	-	20	-
	VIDEO	4	20	80
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH (II OR III)		-	35	-
CELLULAR MODEM		-	15	-
		TOTAL FOR UPS =		507
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
		TOTAL FOR SERVICE =		1112

ENERGY COSTS TO:

BERWYN PUBLIC WORKS
6700 W 30TH ST
BERWYN, ILLINOIS 60402

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COM-ED
ACCOUNT NUMBER: -

TS SHT NO. 17

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Temp
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS-Cable 16th @ East.dgn

ECON 30

USER NAME = chernandez	DESIGNED - RJH	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/10/2025	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

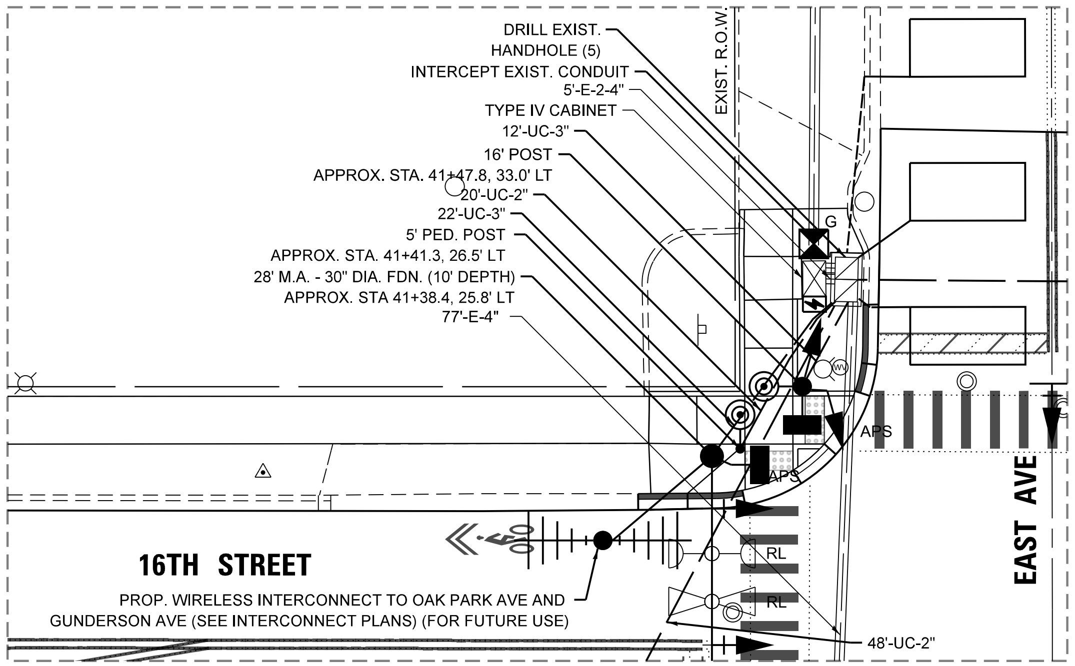
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
16TH STREET AT EAST AVENUE

SCALE: N.A. | SHEET 2 OF 6 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	118

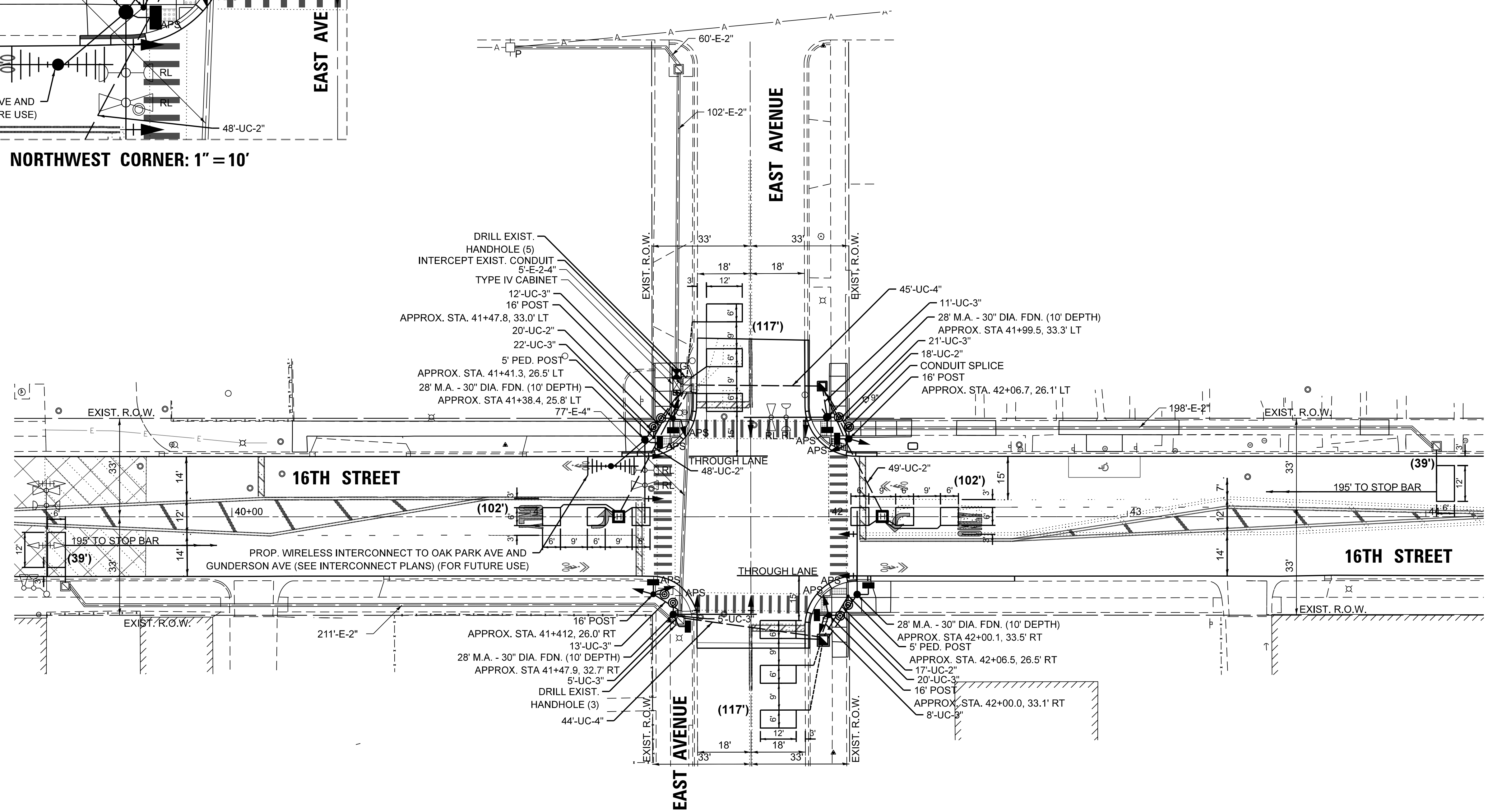
CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



16TH STREET AT EAST AVE NORTHWEST CORNER: 1" = 10'

N



NOTES:

1. THE CONTRACTOR SHALL INSTALL AN UNINTERRUPTABLE POWER SUPPLY (BATTERY BACKUP) IN A BATTERY CABINET MOUNTED ON THE SIDE OF THE CONTROLLER CABINET AS PER THE SPECIAL PROVISION.

2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLES AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

3. ALL PEDESTRAIN PUSH-BUTTONS SHALL BE APS.

4. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

5. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT ON THEM WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

6. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

TS SHT NO. 18

ECON 30

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Perm
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS 16th @ East - NoUtility.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

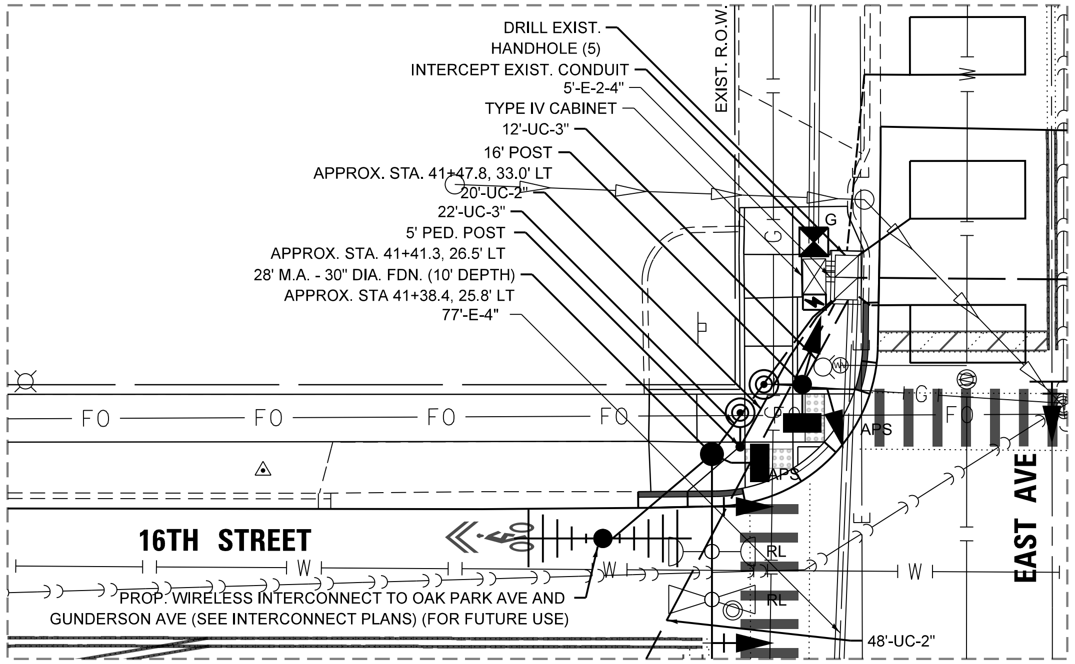
TRAFFIC SIGNAL MODERNIZATION PLAN
16TH STREET AT EAST AVENUE

SCALE: 1" = 20' | SHEET 3 OF 6 SHEETS | STA. | TO STA.

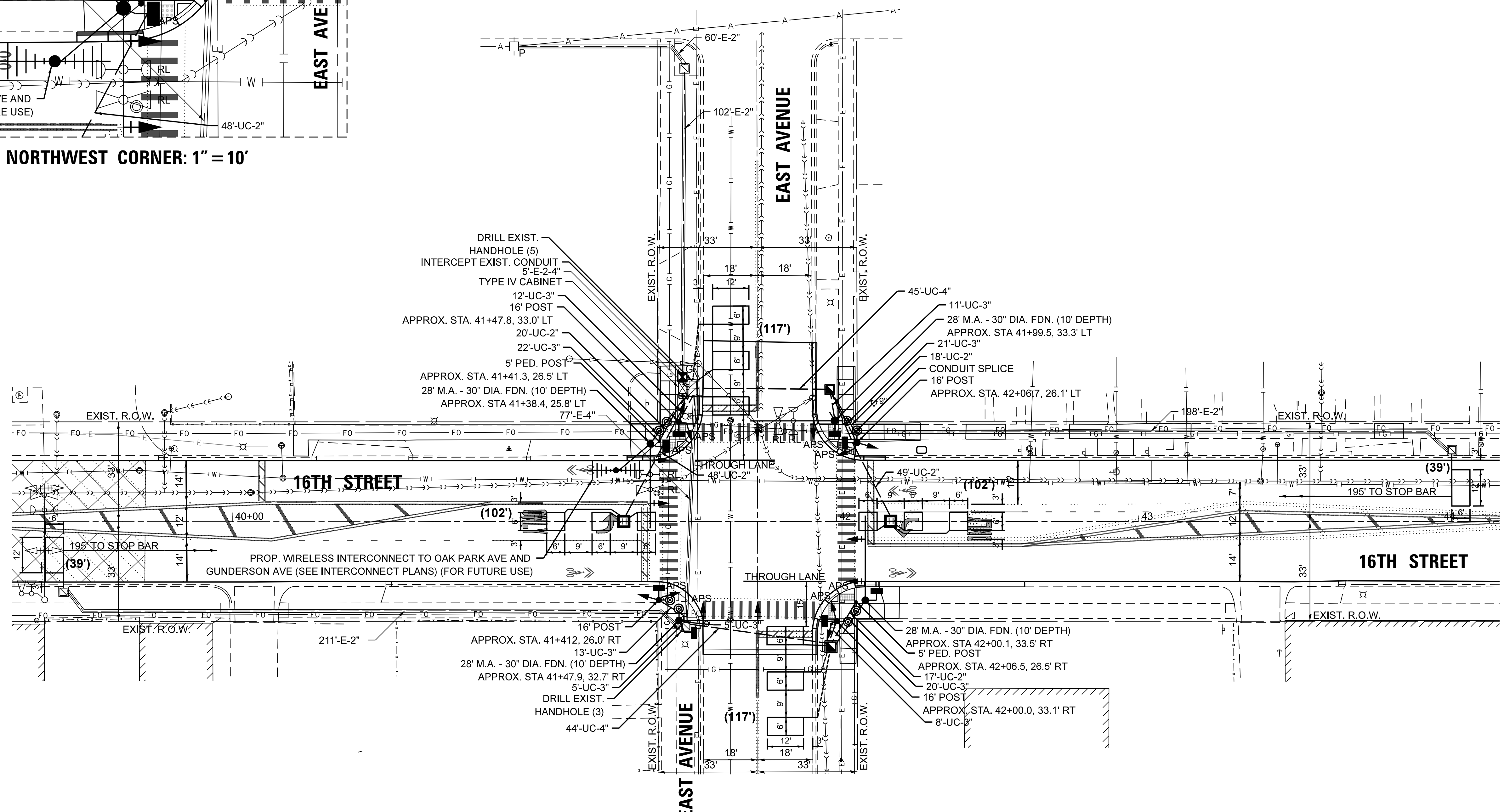
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	119

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



16TH STREET AT EAST AVE NORTHWEST CORNER: 1" = 10'



NOTES:

1. THE CONTRACTOR SHALL INSTALL AN UNINTERRUPTABLE POWER SUPPLY (BATTERY BACKUP) IN A BATTERY CABINET MOUNTED ON THE SIDE OF THE CONTROLLER CABINET AS PER THE SPECIAL PROVISION.

2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLES AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

3. ALL PEDESTRAIN PUSH-BUTTONS SHALL BE APS.

4. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

5. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT ON THEM WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

6. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

ECON 30

GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 19

MODEL: Perm
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS 16th @ East.dgn

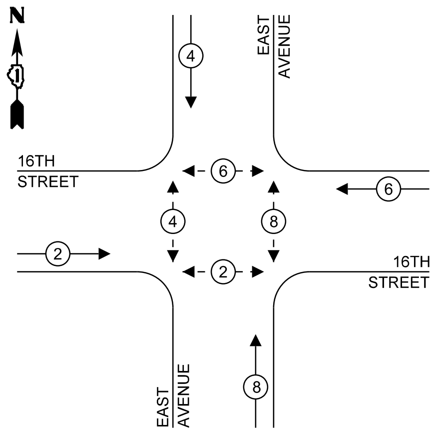
USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -	

TRAFFIC SIGNAL MODERNIZATION PLAN WITH UTILITIES
16TH STREET AT EAST AVENUE

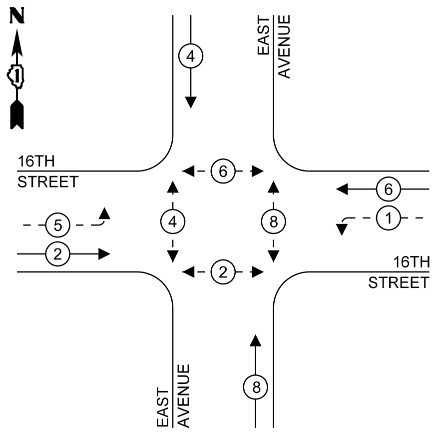
SCALE: 1" = 20' | SHEET 4 OF 6 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	120
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

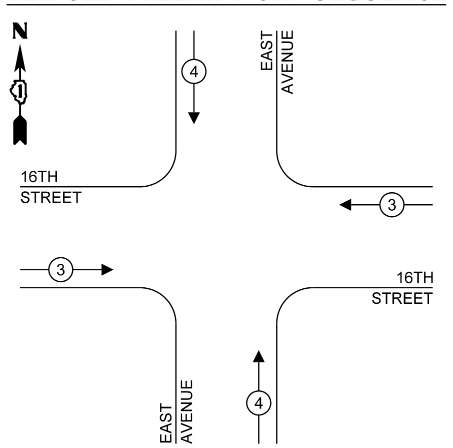
EXISTING CONTROLLER SEQUENCE



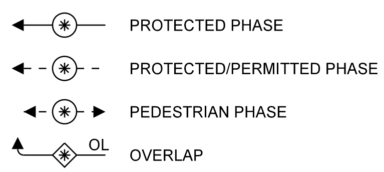
PROPOSED CONTROLLER SEQUENCE

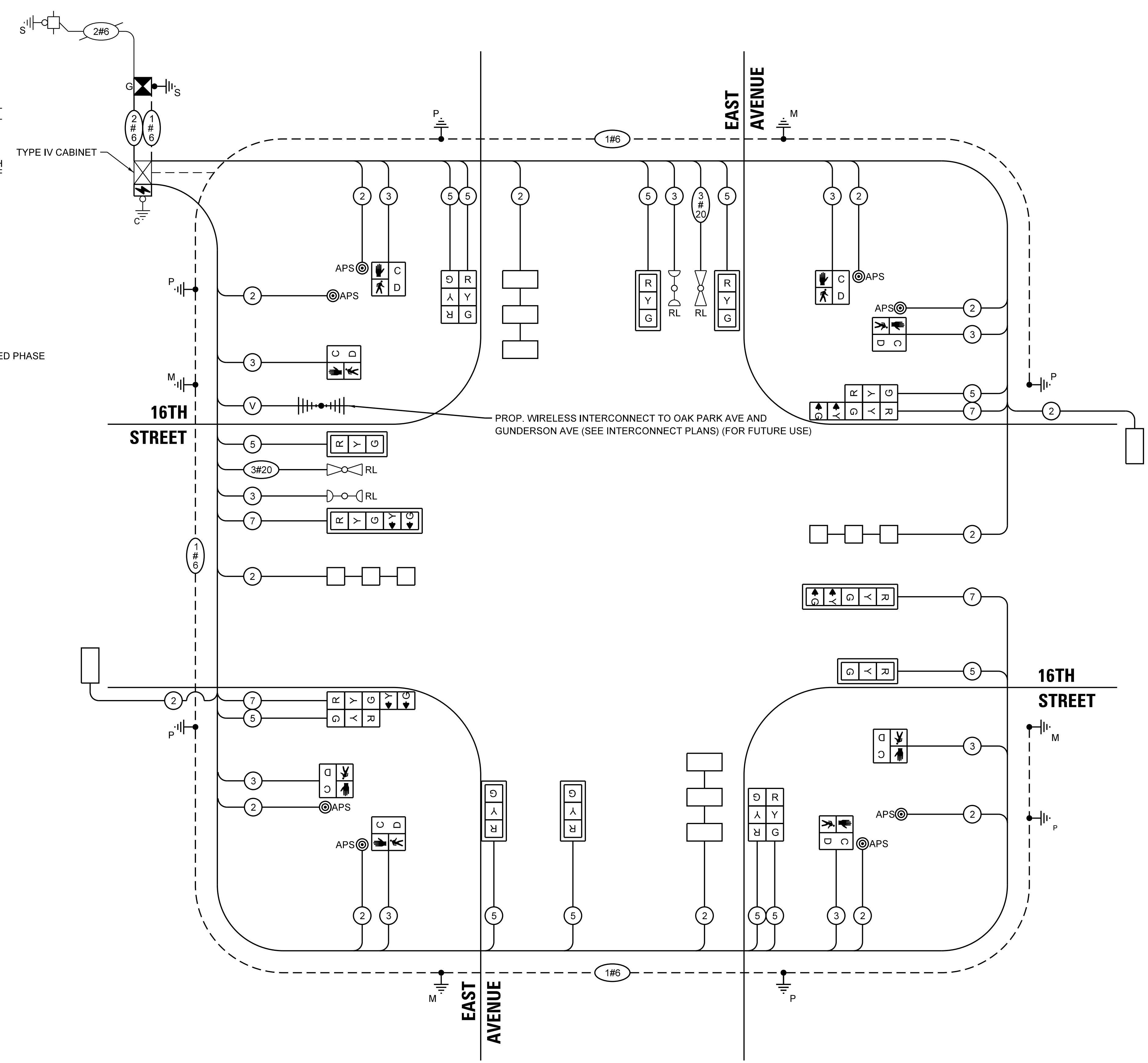


EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:





CABLE PLAN

(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	12	11	132
	4-SECTION	-	14	-
	5-SECTION	4	13	52
PROGRAMMABLE SIGNAL	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR	-	20	-
	VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH (II OR III)		1	35	35
CELLULAR MODEM		-	15	-
		TOTAL FOR UPS =		514
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
		TOTAL FOR SERVICE =		1119
		MINIMUM UPS SIZE = (SERVICE TOTAL +20%)		1343

ENERGY COSTS TO:

BERWYN PUBLIC WORKS
6700 W 30TH ST
BERWYN, IL 60402

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COM-ED
ACCOUNT NUMBER: -

NOTES:
ALL RED SIGNAL INDICATIONS SHALL HAVE A LENS COVER

TRAFFIC SIGNAL CONTROL EQUIPMENT SHALL BE UPDATED NTCIP LATEST VERSION

EXISTING CONTROLLER SHALL BE MODIFIED TO ADD NEW LEFT TURN PHASING AND REMOVE DUAL CALL PEDESTRIAN PUSHBUTTON PROGRAMMING

ECON 30

GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 20

MODEL: Perm
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS-Cable 16th @ East.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS
	DRAWN - AMK	REVISED -	DEPARTMENT OF TRANSPORTATION
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -	

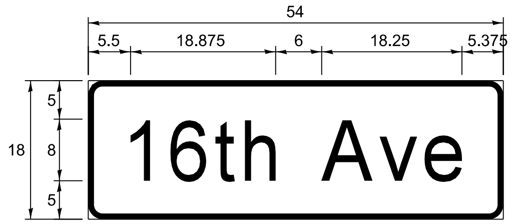
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
16TH STREET AT EAST AVENUE

SCALE: N.A. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

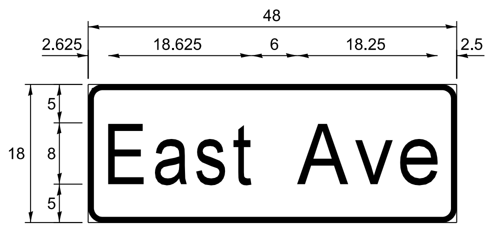
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	121
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

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	6.75	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.0	1	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

STREETNAME SIGNS SHALL HAVE A BLUE BACKGROUND.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	25.5
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	152
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	112
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	89
HANDHOLE	EACH	2
HEAVY-DUTY HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	929
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,210
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,599
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	581
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,018
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	22
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	456
TRAFFIC SIGNAL POST, 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	4
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	40
DRILL EXISTING HANDHOLE	EACH	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
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	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	2
DETECTOR LOOP, TYPE I	FOOT	516
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,885
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	215
ROD AND CLEAN EXISTING CONDUIT	FOOT	446
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
CONDUIT SPLICE	EACH	1
INTERCEPT EXISTING CONDUIT	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
LED SIGNAL FACE, LENS COVER	EACH	16
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

ECON 30

GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 21

MODEL: 16th @ East
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000-sht-TS-SOQ.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - ZCW	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/29/2025	DATE - 02/11/2026	REVISED -	

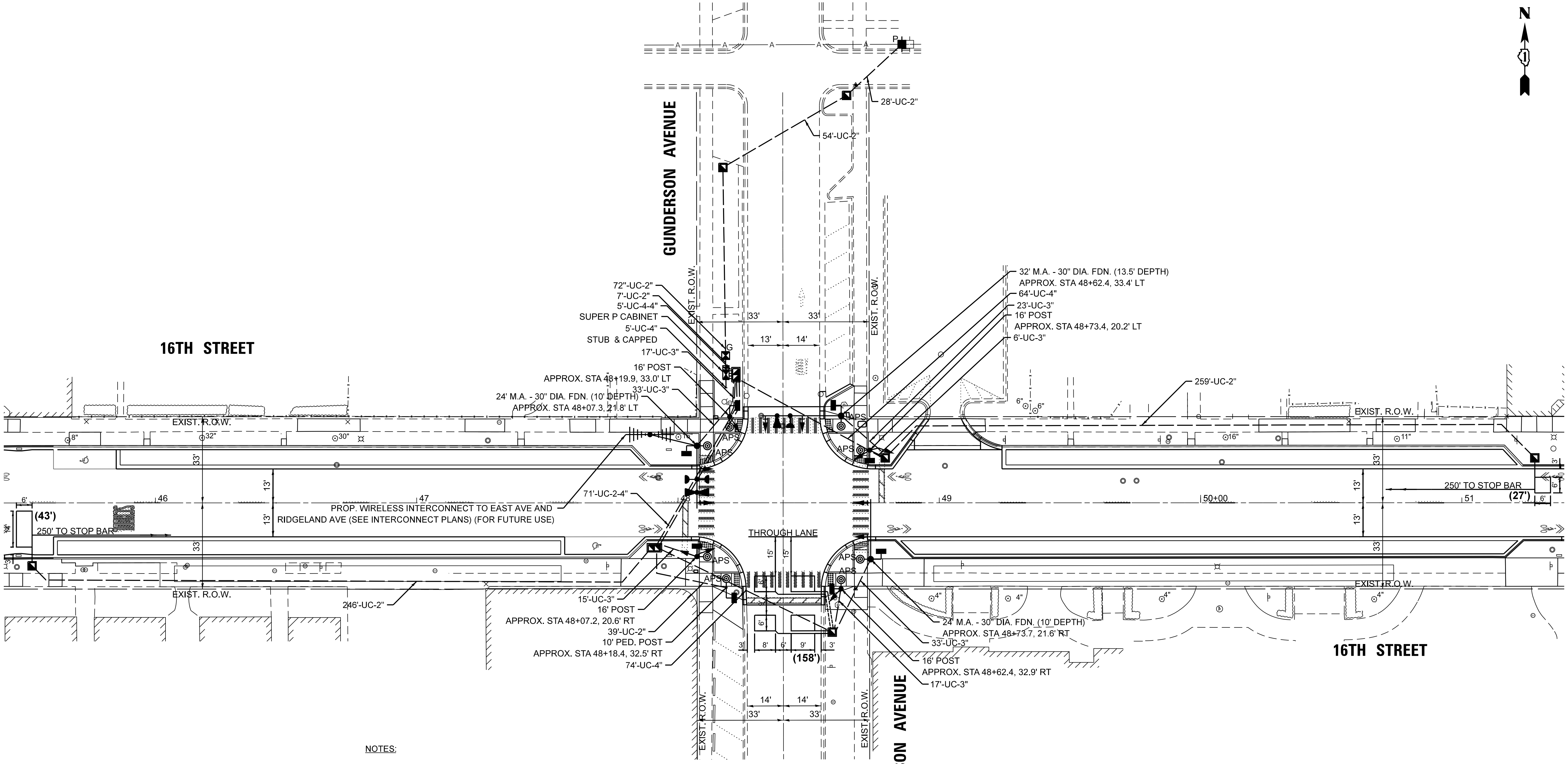
MAST ARM MOUNTED STREET NAME SIGNS SCHEDULE OF QUANTITIES
16TH STREET AT EAST AVENUE

SCALE: N.A. | SHEET 6 OF 6 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	122

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLES AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

2. ALL PEDESTRIAN PUSHBUTTONS SHALL BE APS.

3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING SIDEWALK.

4. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT ON THEM WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

5. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

ECON 30

GEWALT HAMILTON ASSOCIATES, INC.   TS SHT NO. 22

MODEL: Perm
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS 16th @ Gunderson - NoUtility.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/17/2025	DATE - 02/11/2026	REVISED -	

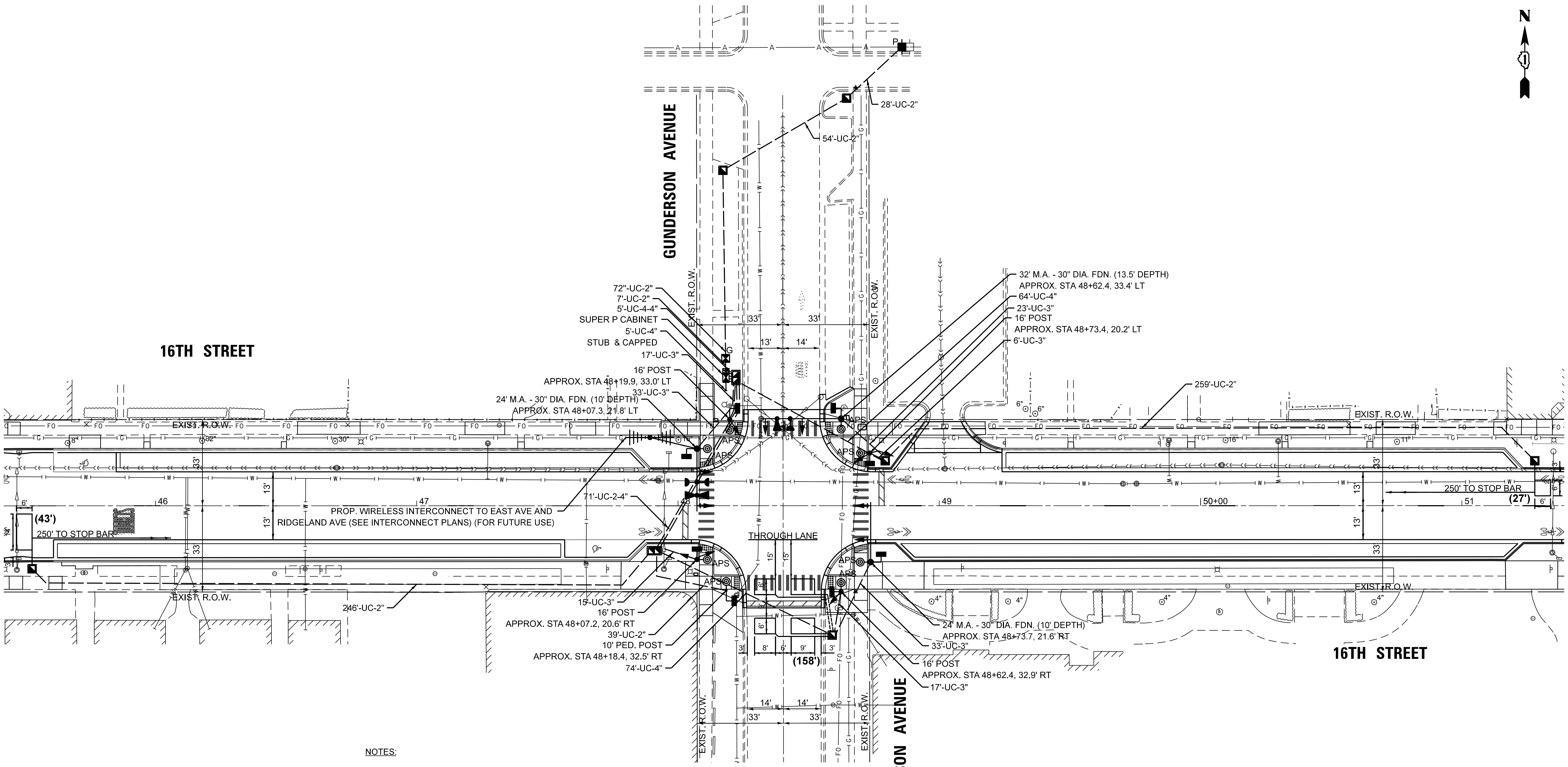
TRAFFIC SIGNAL MODERNIZATION PLAN
16TH STREET AT GUNDERSON AVENUE

SCALE: 1" = 20' | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	123

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLES AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

2. ALL PEDESTRIAN PUSHBUTTONS SHALL BE APS.

3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING SIDEWALK.

4. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT ON THEM WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

5. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

ECON 30

GEWALT HAMILTON ASSOCIATES, INC.   TS SHT NO. 23

MODEL: Perm
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS 16th @ Gunderson.dgn

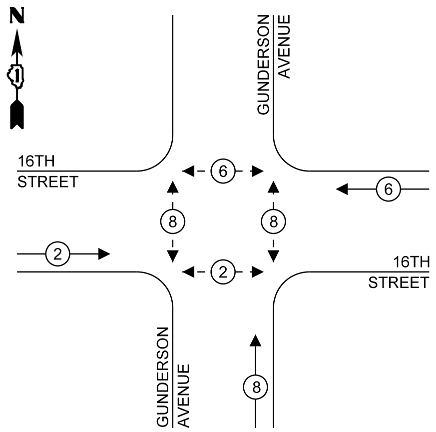
USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -	

TRAFFIC SIGNAL MODERNIZATION PLAN WITH UTILITIES
16TH STREET AT GUNDERSON AVENUE

SCALE: 1" = 20'	SHEET 2 OF 4 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	124
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

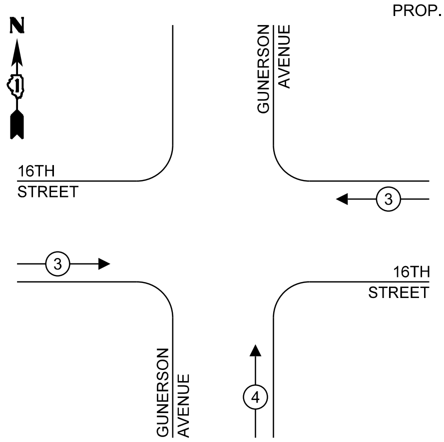
PROPOSED CONTROLLER SEQUENCE

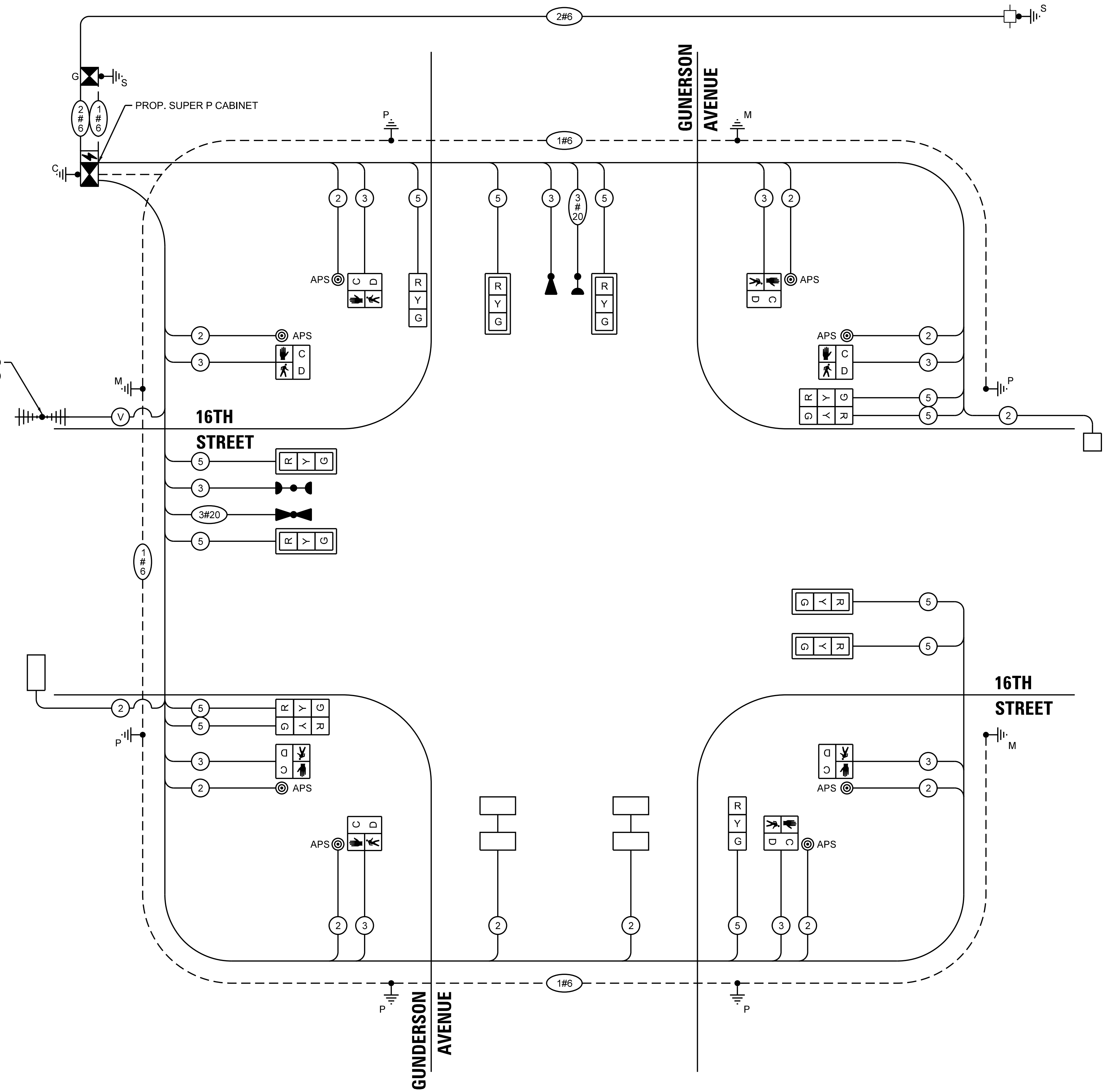


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	12	11	132
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE SIGNAL	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR	-	20	-
	VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH (II OR III)		1	35	35
CELLULAR MODEM		-	15	-
		TOTAL FOR UPS =		462
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
		TOTAL FOR SERVICE =		1067
ENERGY COSTS TO:		MINIMUM UPS SIZE = (SERVICE TOTAL +20%)		1281

BERWYN PUBLIC WORKS
6700 W 30TH ST
BERWYN, IL 60402

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COM-ED
ACCOUNT NUMBER: -

NOTES:
ALL RED SIGNAL INDICATIONS SHALL HAVE A LENS COVER

TRAFFIC SIGNAL CONTROL EQUIPMENT SHALL BE NTCIP LATEST VERSION

ECON 30

GHA GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 24

MODEL: Perm
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS-Cable 16th @ Gunderson.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/17/2025	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
16TH STREET AT GUNDERSON AVENUE

SCALE: N.A. | SHEET 3 OF 4 SHEETS | STA. TO STA.

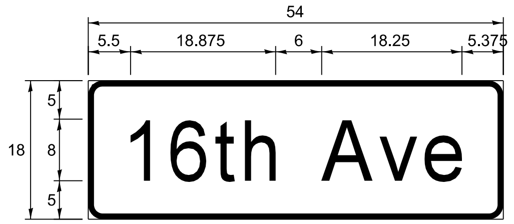
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	125

CONTRACT NO. 61L54

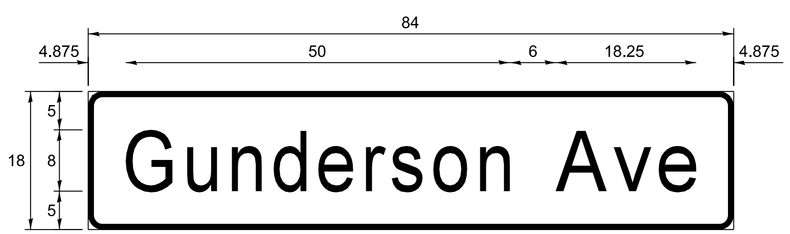
ILLINOIS | FED. AID PROJECT

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	6.75	1	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	10.5	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

STREETNAME SIGNS SHALL HAVE A BLUE BACKGROUND.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	7
SIGN PANEL - TYPE 2	SQ FT	21
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	705
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	144
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	305
HANDHOLE	EACH	6
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,087
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,404
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,850
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,100
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	195
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	686
TRAFFIC SIGNAL POST, 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	34
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	6
INDUCTIVE LOOP DETECTOR	EACH	4
DETECTOR LOOP, TYPE I	FOOT	228
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	261
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
LED SIGNAL FACE, LENS COVER	EACH	12

ECON 30

GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 25

MODEL: 16th @ Gunderson
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000-sht-TS-SOQ.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - ZCW	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/29/2025	DATE - 02/11/2026	REVISED -	

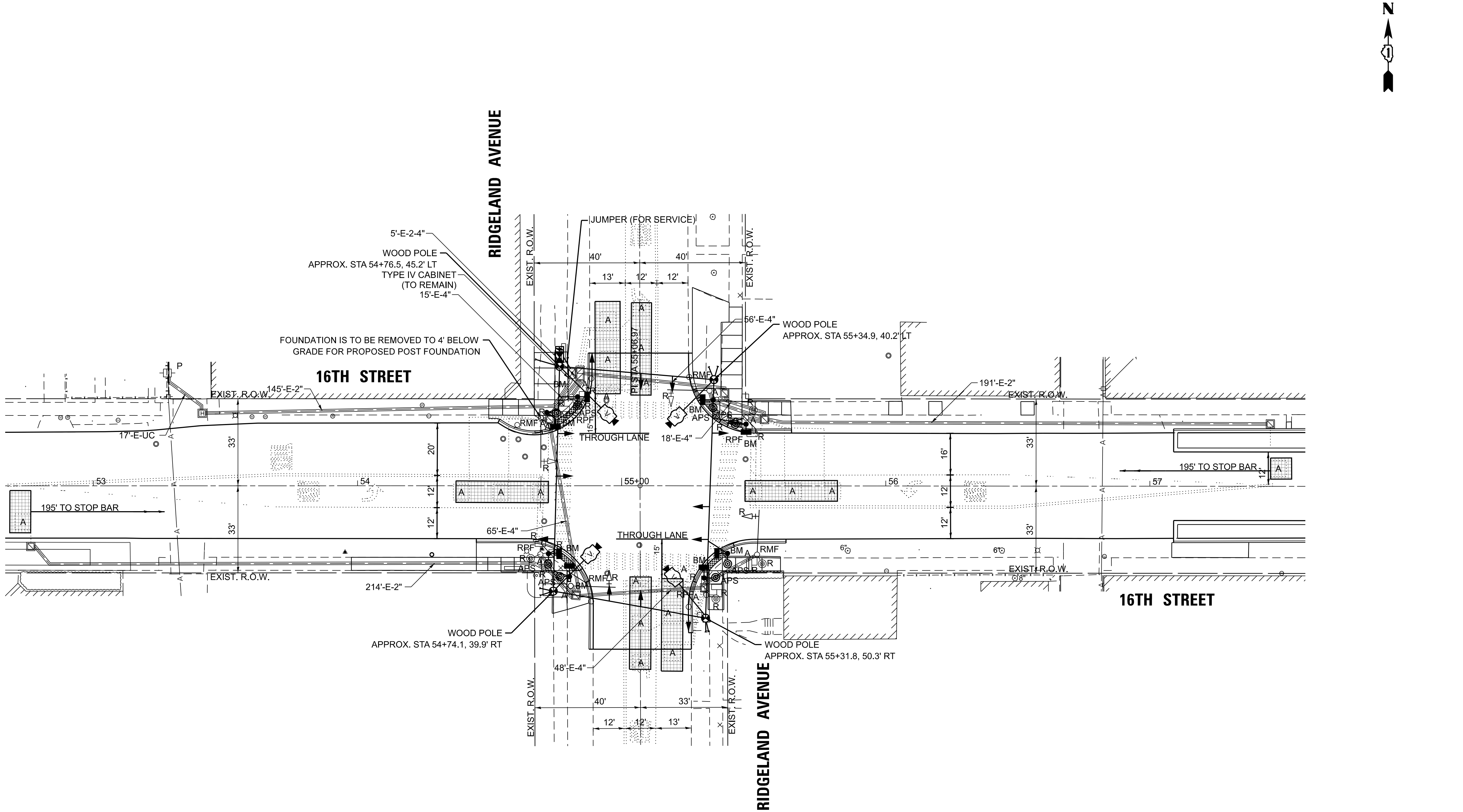
MAST ARM MOUNTED STREET NAME SIGNS SCHEDULE OF QUANTITIES
16TH STREET AT GUNDERSON AVENUE

SCALE: N.A. | SHEET 4 OF 4 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	126

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



REMOVAL 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
4	EACH	TRAFFIC SIGNAL POST
8	EACH	5-SECTION SIGNAL HEAD
8	EACH	PEDESTRIAN SIGNAL HEAD
4	EACH	PEDESTRIAN PUSH-BUTTON
4	EACH	TRAFFIC SIGNAL BACKPLATE
2	EACH	STREET NAME SIGN PANEL

NOTE:

1. THE CONTRACTOR SHALL REMOVE ALL SIGNAL CABLING FROM ALL EXISTING CONDUIT AND HANDHOLES THAT ARE TO REMAIN.

2. EXIST. SERVICE TO THE TEMP. SIGNAL VIA JUMPER CABLE SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.

3. ALL PEDESTRIAN PUSH-BUTTONS ON TEMPORARY TRAFFIC SIGNAL SHALL BE APS.

ECON 30

GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 26

MODEL: Temp
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS 16th @ Ridgeland - NoUtility.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -	

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
16TH STREET AT RIDGELAND AVENUE

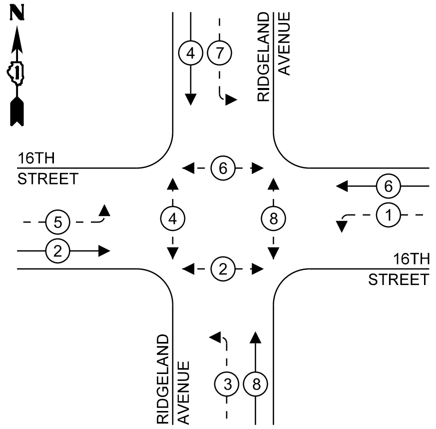
SCALE: 1" = 20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	127

CONTRACT NO. 61L54

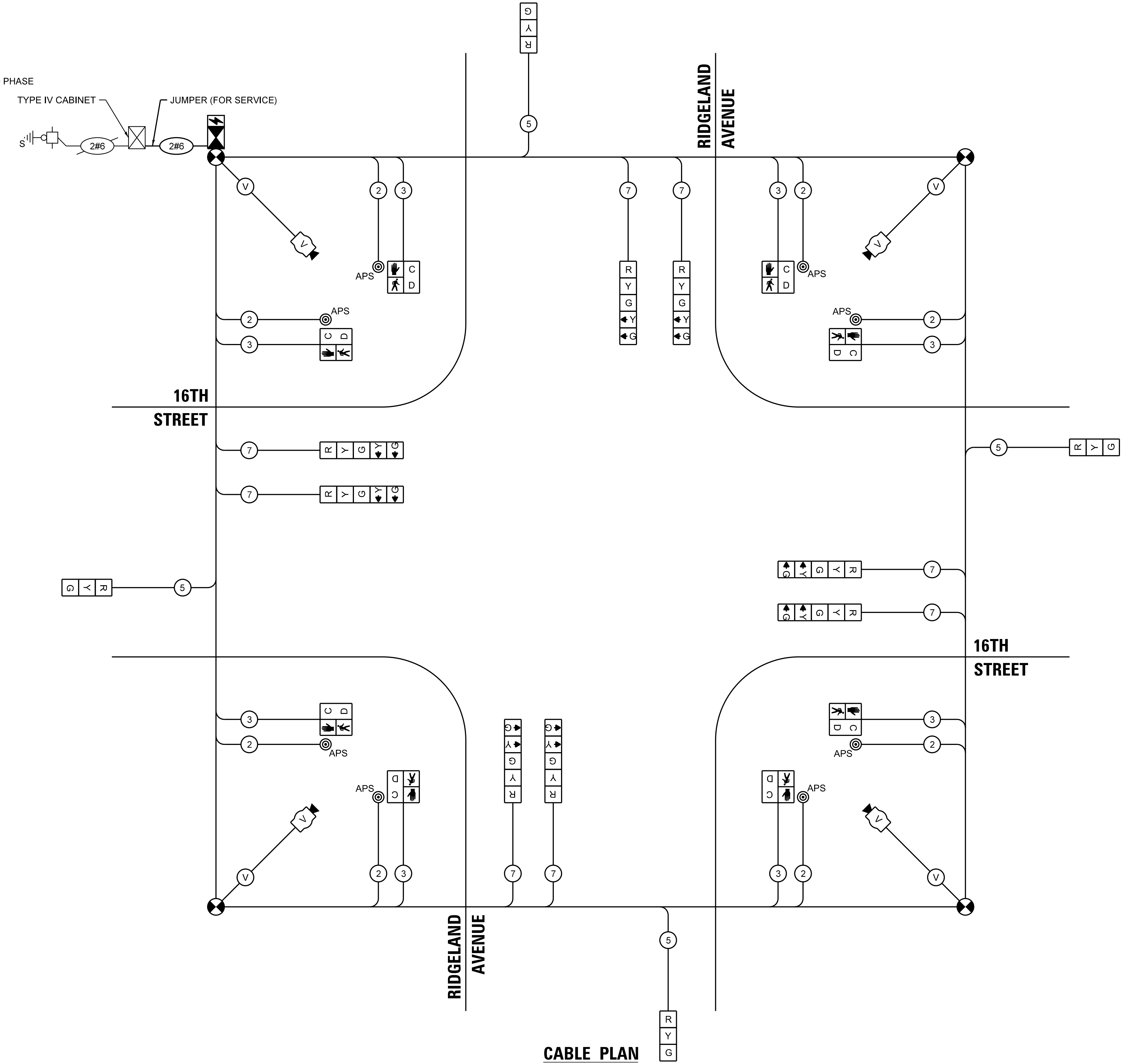
ILLINOIS | FED. AID PROJECT

TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	4	11	44
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE SIGNAL	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR	-	20	-
	VIDEO	4	20	80
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH (II OR III)		-	35	-
CELLULAR MODEM		-	15	-
		TOTAL FOR UPS =		523
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
		TOTAL FOR SERVICE =		1128

ENERGY COSTS TO:

BERWYN PUBLIC WORKS
6700 W 30TH ST
BERWYN, ILLINOIS 60402

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COM-ED
ACCOUNT NUMBER: -

TS SHT NO. 27

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Temp
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS-Cable 16th @ Ridgeland.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/16/2025	DATE - 02/11/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
16TH STREET AT RIDGELAND AVENUE

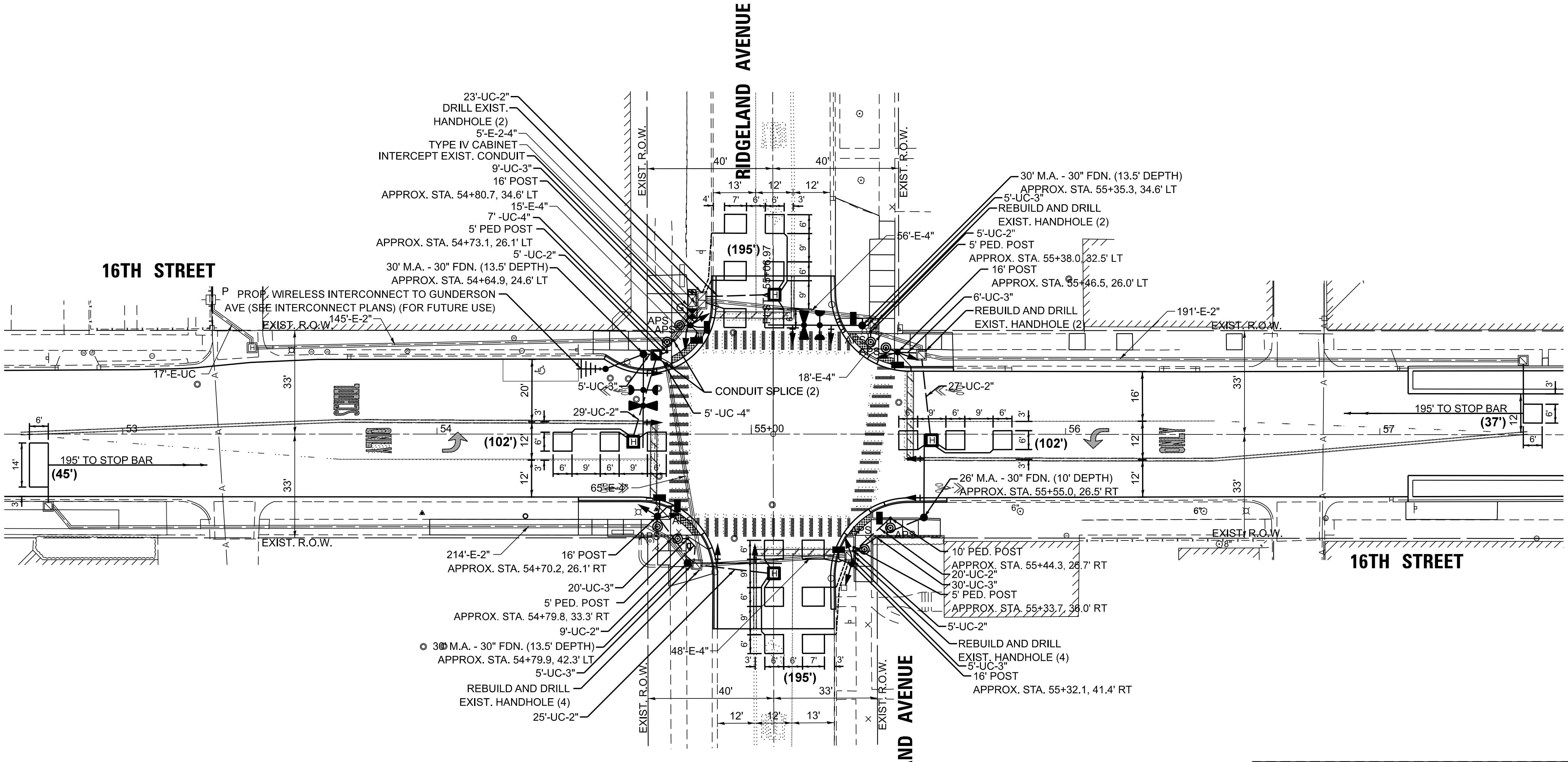
SCALE: N.A. | SHEET 2 OF 6 SHEETS | STA. | TO STA.

ECON 30

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	128

CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



NOTES:

1. THE CONTRACTOR SHALL INSTALL AN UNINTERRUPTABLE POWER SUPPLY (BATTERY BACKUP) IN A BATTERY CABINET MOUNTED ON THE SIDE OF THE CONTROLLER CABINET AS PER THE SPECIAL PROVISION.

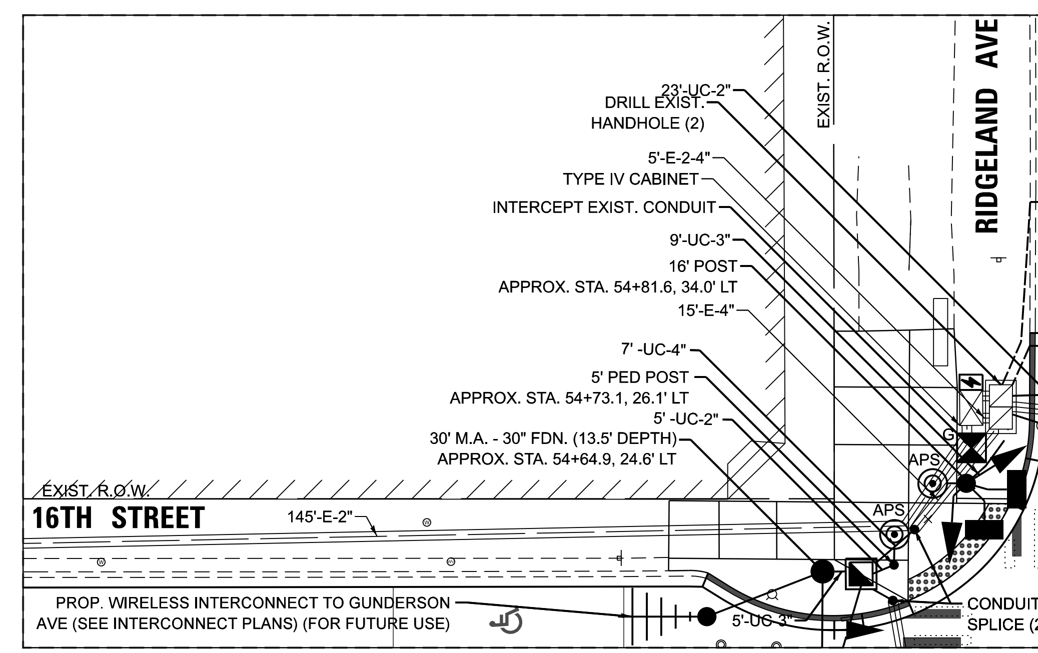
2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLES AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

3. ALL PEDESTRIAN PUSHBUTTONS SHALL BE APS.

4. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING SIDEWALK.

5. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT ON THEM WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

6. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.



16TH STREET AT RIDGELAND AVE NORTHWEST CORNER: 1" = 10'

ECON 30

TS SHT NO. 28

GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Perm
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS 16th @ Ridgeland - NoUtility.dgn

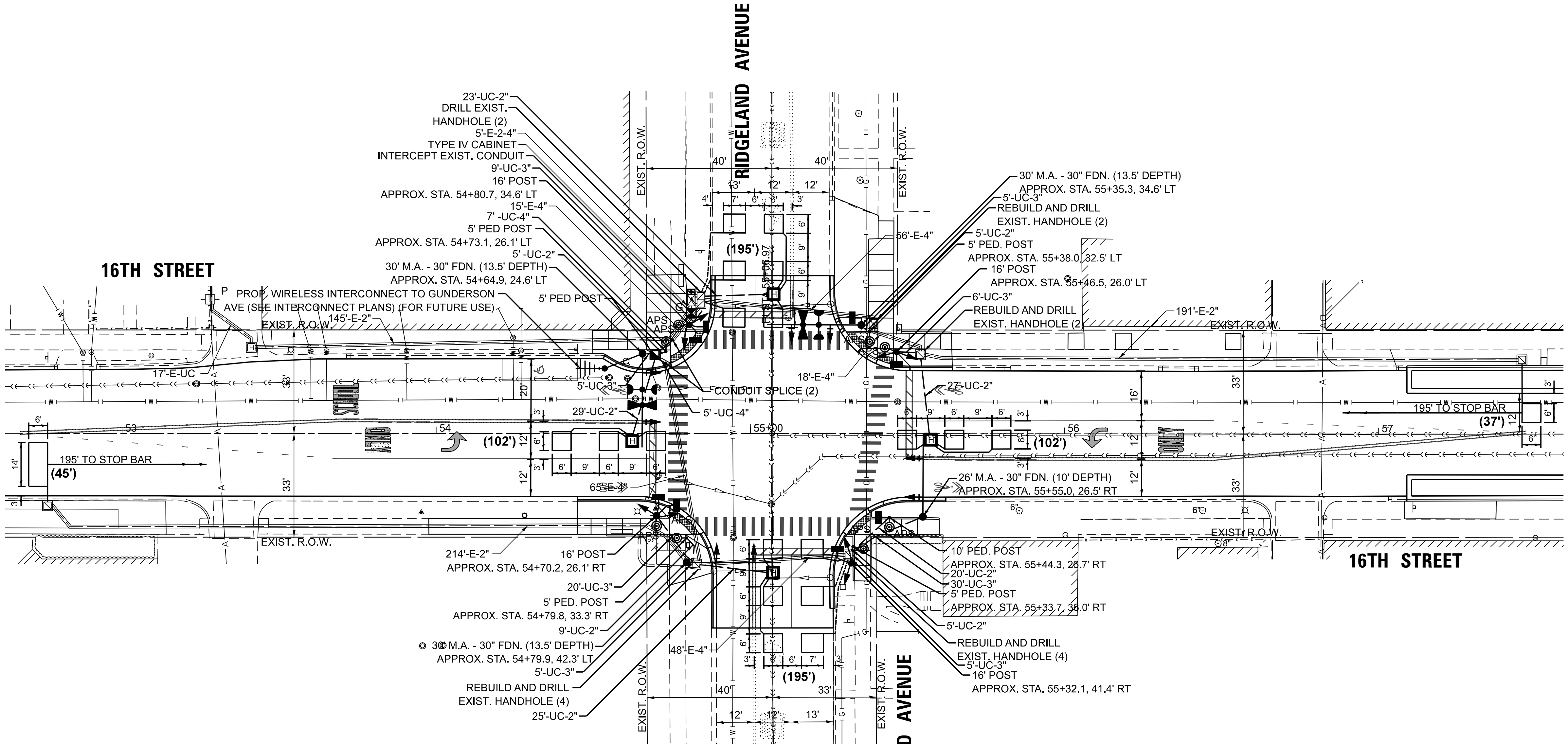
USER NAME = zwallsten	DESIGNED -	RJH	REVISED -		
	DRAWN -	AMK	REVISED -		
PLOT SCALE = 0.083 ' / in.	CHECKED -	RJH	REVISED -		
PLOT DATE = 7/22/2025	DATE -	02/11/2026	REVISED -		

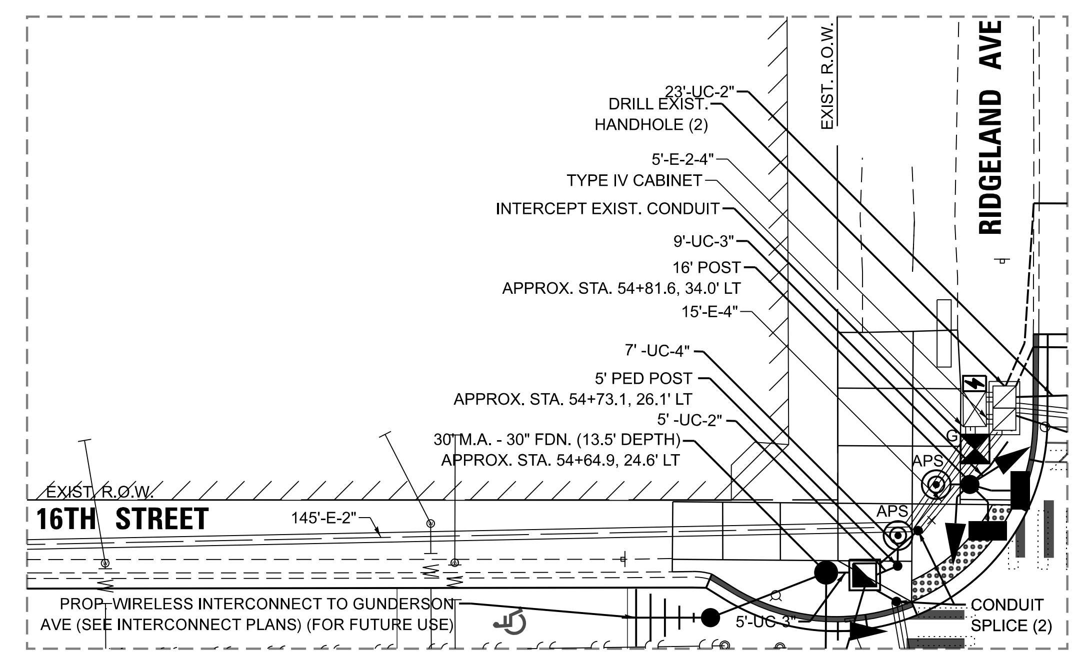
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
16TH STREET AT RIDGELAND AVENUE

SCALE: 1" = 20' | SHEET 3 OF 6 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	129
		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		





16TH STREET AT RIDGELAND AVE NORTHWEST CORNER: 1" = 10'

NOTES:

1. THE CONTRACTOR SHALL INSTALL AN UNINTERRUPTABLE POWER SUPPLY (BATTERY BACKUP) IN A BATTERY CABINET MOUNTED ON THE SIDE OF THE CONTROLLER CABINET AS PER THE SPECIAL PROVISION.

2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLES AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

3. ALL PEDESTRIAN PUSHBUTTONS SHALL BE APS.

4. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING SIDEWALK.

5. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT ON THEM WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

6. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

GEWALT HAMILTON ASSOCIATES, INC.

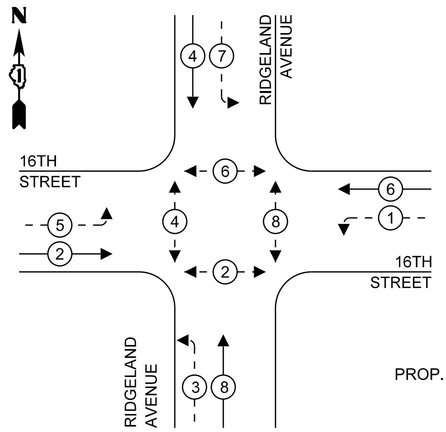
TS SHT NO. 29

MODEL: Perm
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS 16th @ Ridgeland.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN WITH UTILITIES 16TH STREET AT RIDGELAND AVENUE
	DRAWN - AMK	REVISED -		
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -		
PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -		SCALE: 1" = 20' SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	130
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

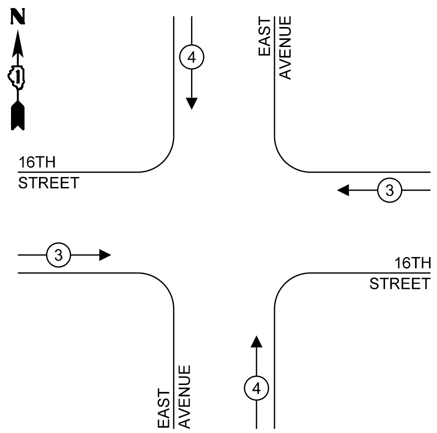
EXISTING AND PROPOSED CONTROLLER SEQUENCE

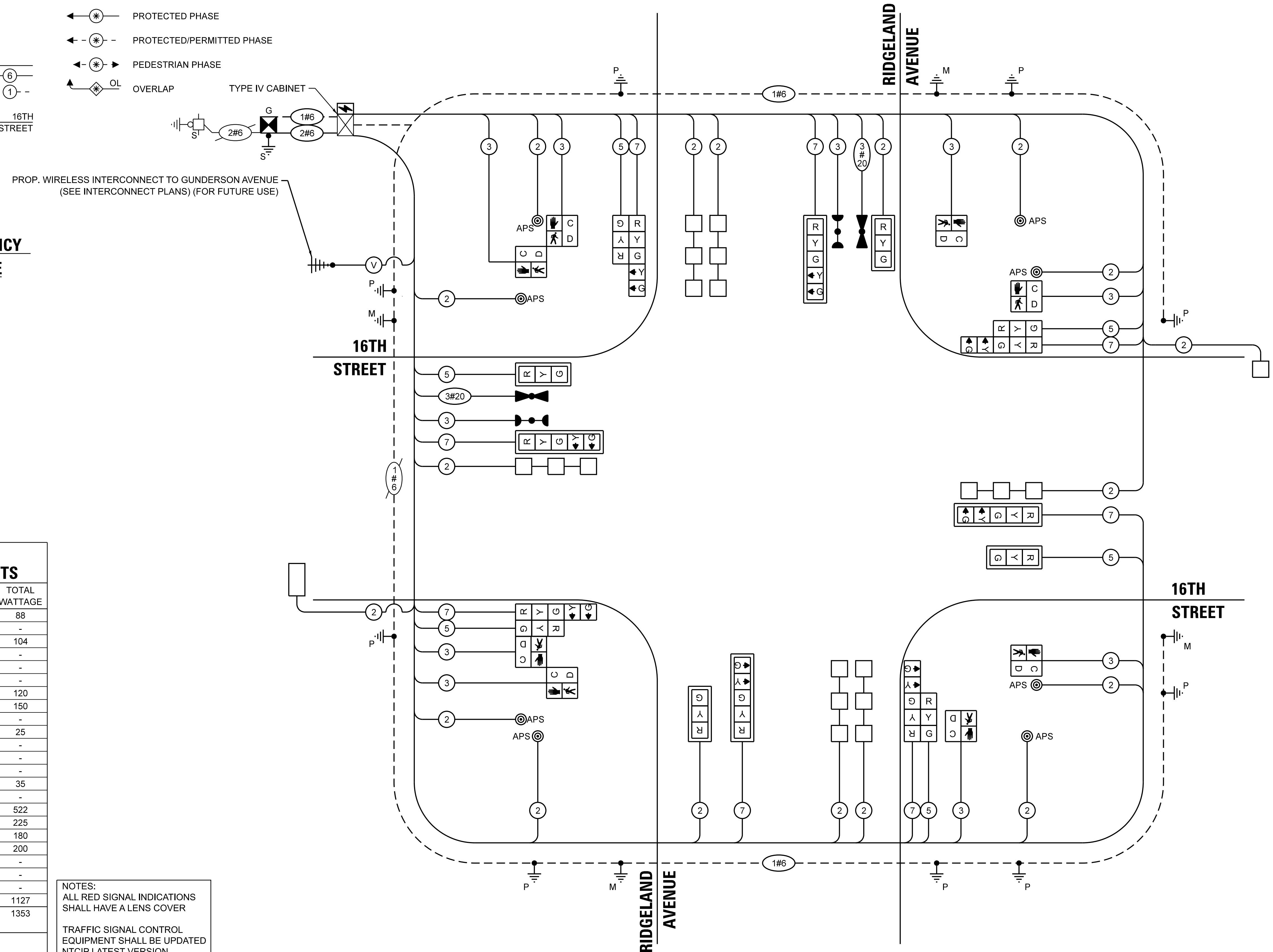


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN

(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	8	11	88
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE SIGNAL	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR	-	20	-
	VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH (II OR III)		1	35	35
CELLULAR MODEM		-	15	-
		TOTAL FOR UPS =		522
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
		TOTAL FOR SERVICE =		1127
		MINIMUM UPS SIZE = (SERVICE TOTAL +20%)		1353

ENERGY COSTS TO:

BERWYN PUBLIC WORKS
6700 W 30TH ST
BERWYN, IL 60402

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COM-ED
ACCOUNT NUMBER: -

NOTES:
ALL RED SIGNAL INDICATIONS SHALL HAVE A LENS COVER

TRAFFIC SIGNAL CONTROL EQUIPMENT SHALL BE UPDATED NTCIP LATEST VERSION

EXISTING CONTROLLER SHALL BE MODIFIED TO REMOVE DUAL CALL PEDESTRIAN PUSHBUTTON PROGRAMMING

ECON 30

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - AMK	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/22/2025	DATE - 02/11/2026	REVISED -	

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
16TH STREET AT RIDGELAND AVENUE

SCALE: N.A. SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	131

CONTRACT NO. 61L54

ILLINOIS FED. AID PROJECT

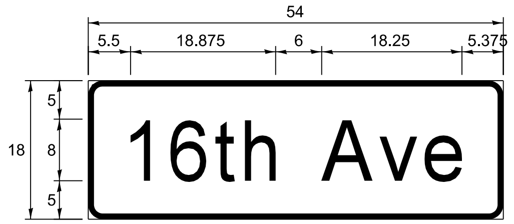
TS SHT NO. 30

GEWALT HAMILTON ASSOCIATES, INC.

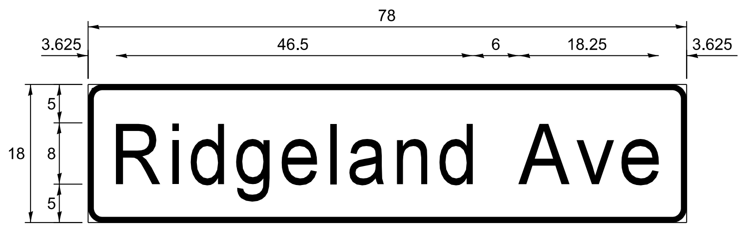
MODEL: Perm
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS-Cable 16th @ Ridgeland.dgn

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	6.75	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

STREETNAME SIGNS SHALL HAVE A BLUE BACKGROUND.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	13.5
SIGN PANEL - TYPE 2	SQ FT	19.5
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	148
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	85
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	10
HANDHOLE	EACH	1
HEAVY-DUTY HANDHOLE	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,042
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,372
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,198
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,250
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,262
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	22
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	504
TRAFFIC SIGNAL POST, 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	3
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	51
DRILL EXISTING HANDHOLE	EACH	14
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
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	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE I	FOOT	676
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,043
REBUILD EXISTING HANDHOLE	EACH	4
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	270
ROD AND CLEAN EXISTING CONDUIT	FOOT	624
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
CONDUIT SPLICE	EACH	2
INTERCEPT EXISTING CONDUIT	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20
LED SIGNAL FACE, LENS COVER	EACH	16
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

ECON 30

GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 31

MODEL: 16th @ Ridgeland
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000-sht-TS-SOQ.dgn

USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - ZCW	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/29/2025	DATE - 02/11/2026	REVISED -	

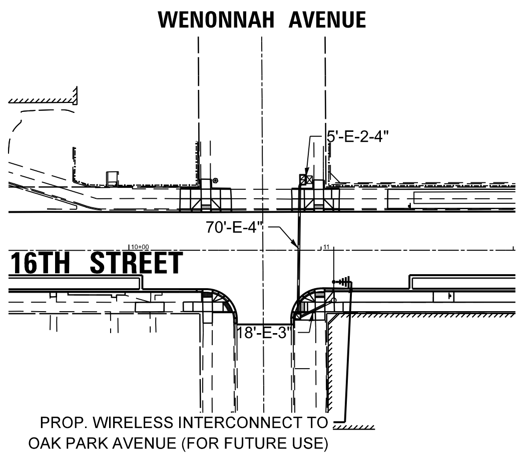
MAST ARM MOUNTED STREET NAME SIGNS SCHEDULE OF QUANTITIES
16TH STREET AT RIDGELAND AVENUE

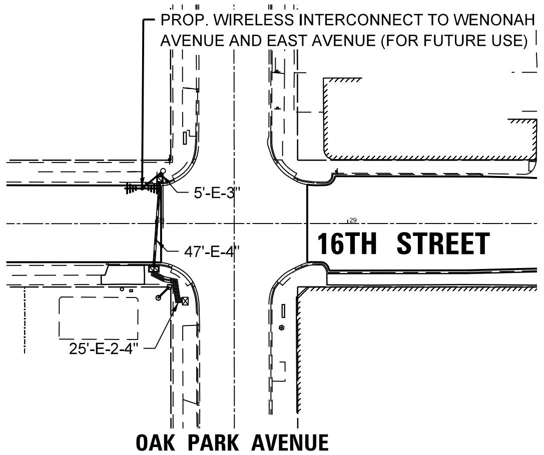
SCALE: N.A. | SHEET 6 OF 6 SHEETS | STA. TO STA.

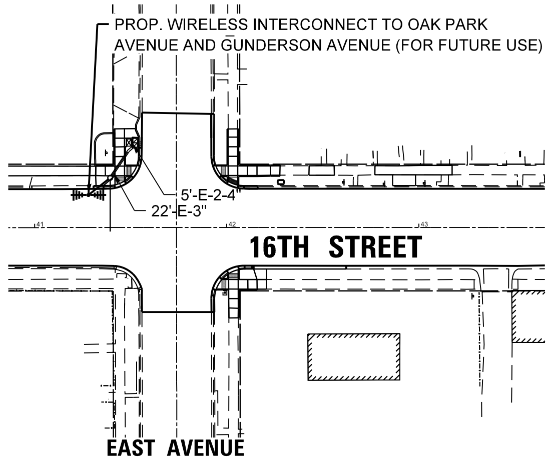
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	132

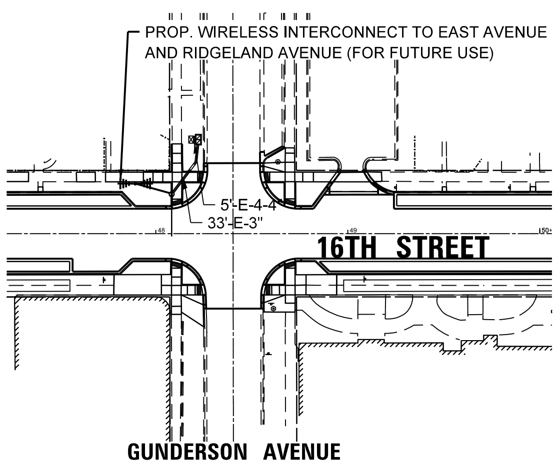
CONTRACT NO. 61L54

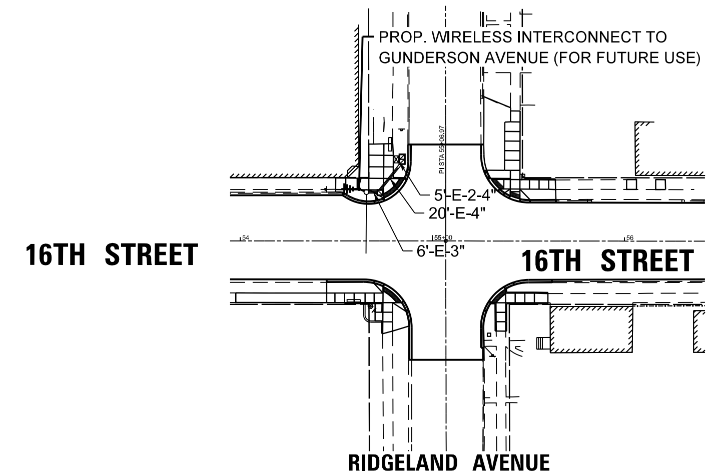
ILLINOIS | FED. AID PROJECT











ECON 30

GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 32

MODEL: Perm Int
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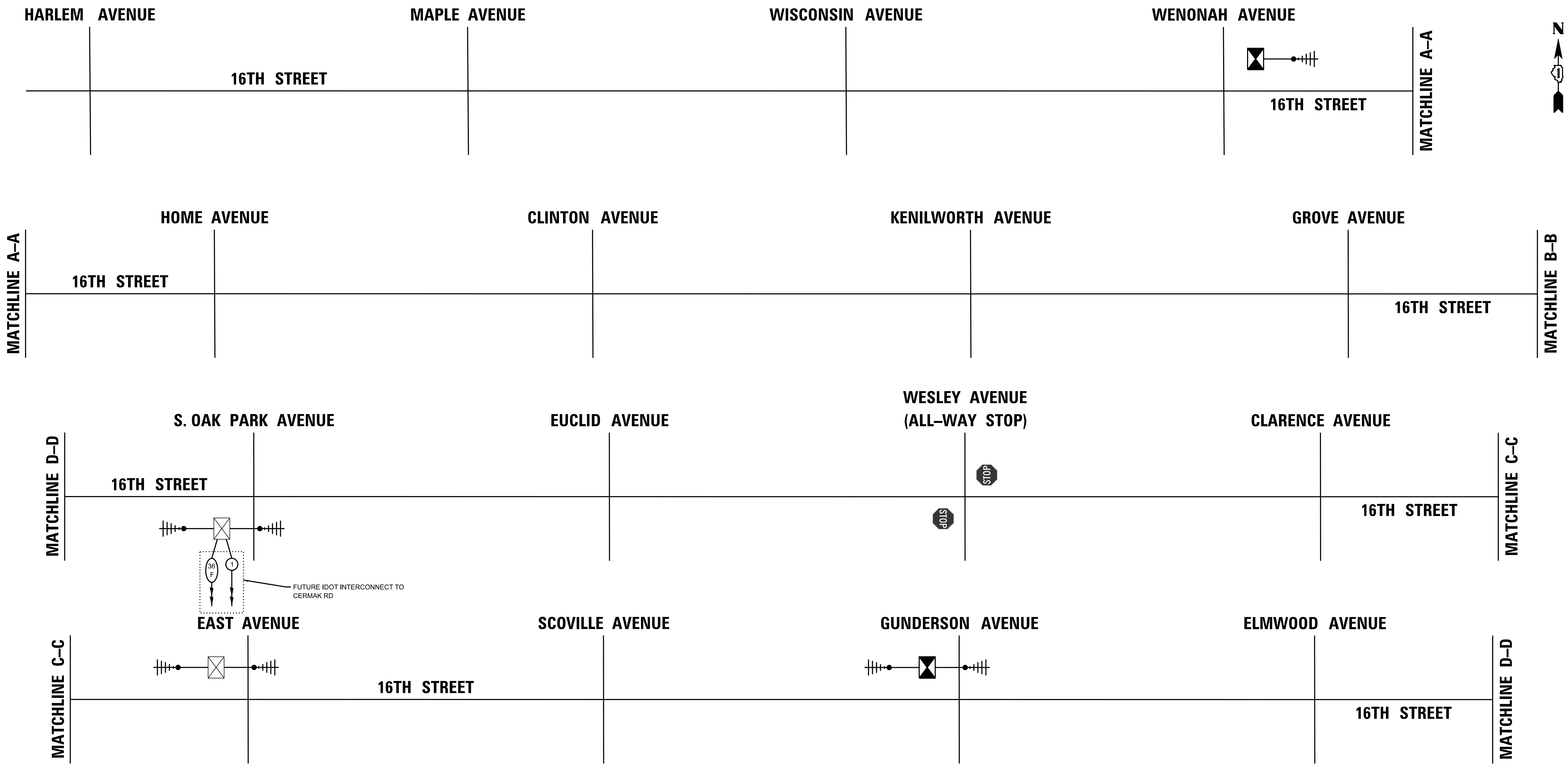
USER NAME = zwallsten	DESIGNED - RJH	REVISED -	
	DRAWN - ZCW	REVISED -	
PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED -	
PLOT DATE = 7/15/2025	DATE - 02/11/2026	REVISED -	

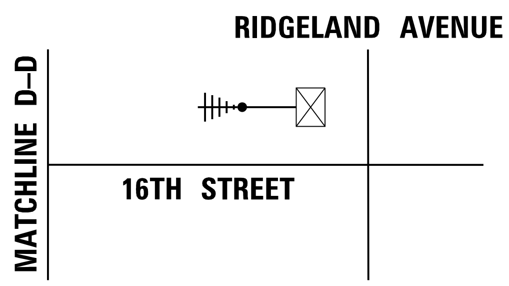
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT INTERCONNECT PLAN
16TH STREET – FROM WENONAH AVENUE TO RIDGELAND AVENUE

SCALE: 1"=50' | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	133
		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	





THE CONTRACTOR SHALL INSTALL AND TEST THE WIRELESS INTERCONNECT AND SWITCHES FOR FUTURE CONNECTION TO IDOT CENTRACS VIA FUTURE FIBER OPTIC INTERCONNECT ALONG OAK PARK AVE. WIRELESS INTERCONNECT SHALL BE CAPABLE OF NTCIP COMMUNICATION VIA ETHERNET CONNECTION TO CONTROLLER THROUGH LAYER II SWITCH.

THE CONTRACTOR SHALL INSTALL AND CONFIGURE LAYER II (DATALINK) SWITCHES IN THE SIGNAL CABINETS AT THE FOLLOWING INTERSECTIONS:
16TH STREET AND WENONAH AVENUE
16TH STREET AND EAST AVENUE
16TH STREET AND GUNDERSON AVENUE
16TH STREET AND RIDGELAND AVENUE

SCHEDULE OF QUANTITIES

	ITEM DESCRIPTION	UNITS	TOTAL QTY.
*	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
	WIRELESS INTERCONNECT (COMPLETE)	EACH	1
**	CENTRACS LICENSE EXPANSION	EACH	4
	LAYER II (DATALINK) SWITCH	EACH	4
	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

*CONTRACTOR SHALL TAKE MAINTENANCE OF 16TH ST AT OAK PARK AVE FOR WIRELESS ANTENNA INSTALLATION
**CENTRACS LICENSES TO BE PROVIDED BY IDOT

ECON 30

TS SHT NO. 33

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Perm Int Schem
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-TS Int.dgn

USER NAME = zwallsten	DESIGNED -	RJH	REVISED -		
	DRAWN -	ZCW	REVISED -		
PLOT SCALE = 0.083 ' / in.	CHECKED -	RJH	REVISED -		
PLOT DATE = 7/17/2025	DATE -	02/11/2026	REVISED -		

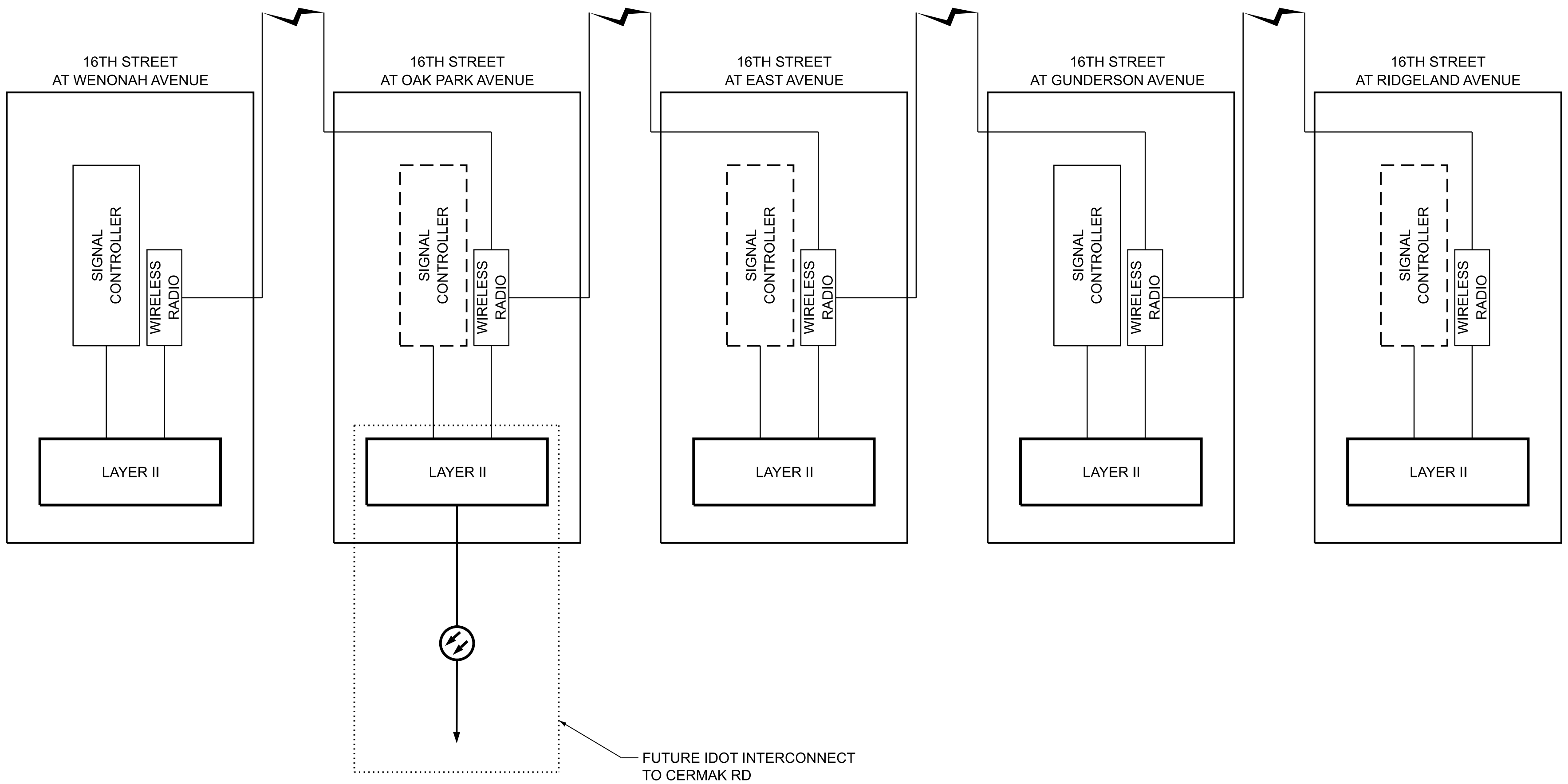
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

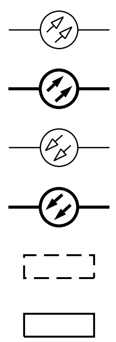
SCHEDULE OF QUANTITIES & PERMANENT INTERCONNECT SCHEMATIC
16TH STREET – FROM WENONAH AVENUE TO RIDGELAND AVENUE

SCALE: N.A. | SHEET 2 OF 3 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	134

CONTRACT NO. 61L54
ILLINOIS FED. AID PROJECT





GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 34

MODEL: Cabinet Diagram
FILE NAME: G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-Cabinet Diagram.dgn

ECON 30

FILE NAME =	USER NAME = mvasak	DESIGNED - RJH	REVISED - $REV1$
G:\ORD_CONNECT\IDOTCAD CONNECT\WorkSets\6070.100 Berwyn 16TH St\CADD Data\Sheets\6070.000_sht-Cabinet Diagram.dgn		DRAWN - AMK	REVISED - $REV2$
$GHANUMBER$	PLOT SCALE = 0.083 ' / in.	CHECKED - RJH	REVISED - $REV3$
Cabinet Diagram	PLOT DATE = 02/11/2026	DATE - 02/11/2026	REVISED - $REV4$

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABINET DIAGRAM

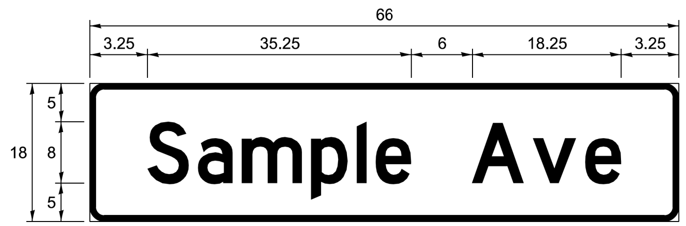
16TH STREET – FROM WENONAH AVENUE TO RIDGELAND AVENUE

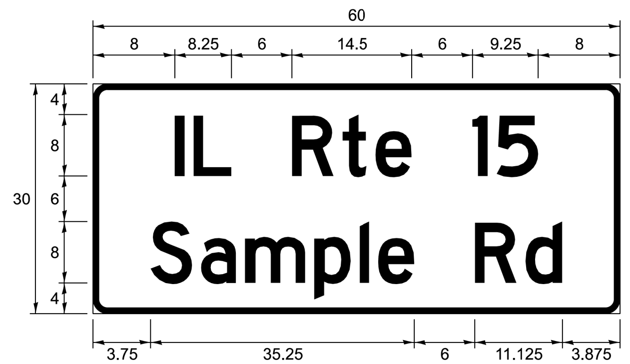
SCALE: N.A. | SHEET 3 OF 3 SHEETS | STA. | TO STA.

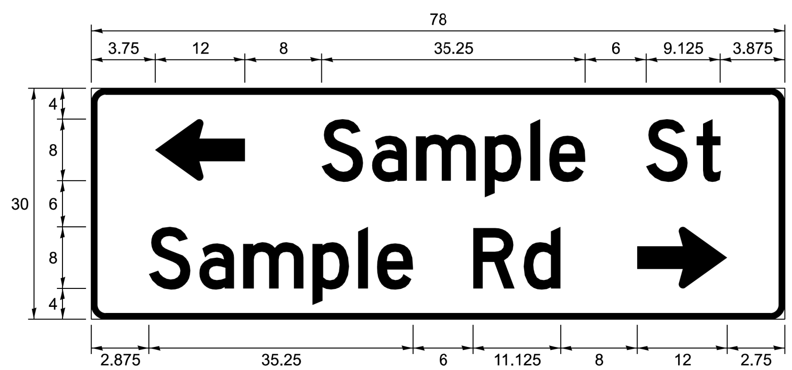
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	135
		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

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
C OR D	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS

NAME	ABBREVIATION	LENGTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15	18.25
BOULEVARD	Blvd	17.125	20
CIRCLE	Cir	11.125	13
COURT	Ct	8.25	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22
ILLINOIS	IL	7	8.25
LANE	Ln	9.125	10.75
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.75
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.5
STREET	St	8	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.75	9.125
UNITED STATES	US	10.375	12.25

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 ONSTANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO 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", BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. THE SPACING BETWEEN THE LEFT OR RIGHT ARROW AND THE ADJACENT WORD SHOULD BE 8", BUT MAY BE REDUCED TO 6" 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. THE PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE THE SERIES "D" ALPHABET ON A ONE-LINE SIGN THAT IS 18" IN HEIGHT AND A MAXIMUM 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 ONE-LINE 8'-0" SIGN, A 30" HEIGHT TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION (I.E. STREET, AVENUE, ETC.) SHALL BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
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 REQUIREMENTS 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:

- J.O. HERBERT COMPANY, INC
  MIDLOTHIAN, VA
- WESTERN REMAC, INC.
  WOODRIDGE, IL

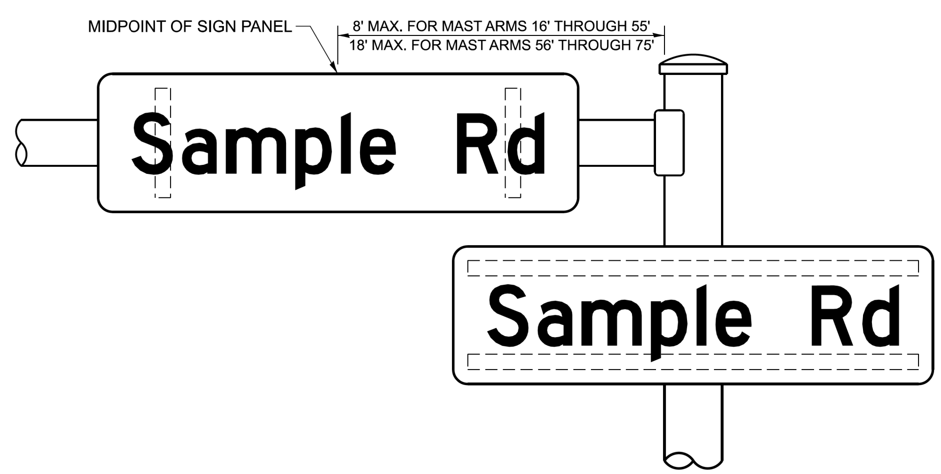
PARTS LISTING:

-SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
-SIGN SCREWS	1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
-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.

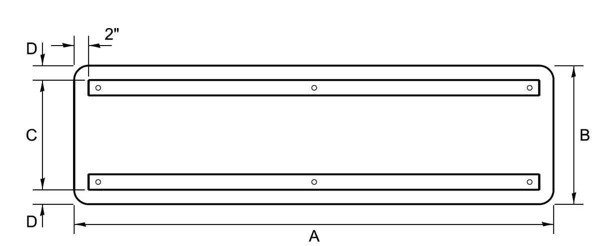
MOUNTING LOCATIONS

ARM OR POLE MOUNTED



SUPPORTING CHANNELS

A	B	C
VAR.	18"	14"
VAR.	30"	26"



A	B	C	D
VAR.	18"	12"	3"
VAR.	30"	22"	4"

STANDARD ALPHABETS SPACING CHART

MEASUREMENTS BASED ON 8" UPPER CASE LETTER HEIGHT

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

GEWALT HAMILTON ASSOCIATES, INC.

TS SHT NO. 35

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

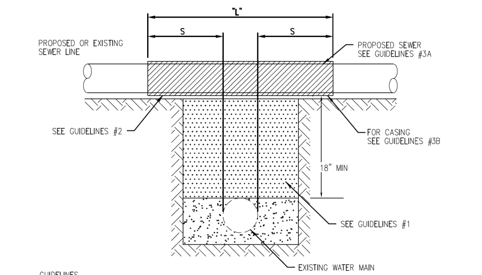
DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	136
TS-02		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	

TS-02.dgn 12/16/2025 2:25:31 PM User=lawrence.demanche

PROPOSED SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION ABOVE EXISTING WATER MAIN



GUIDELINES

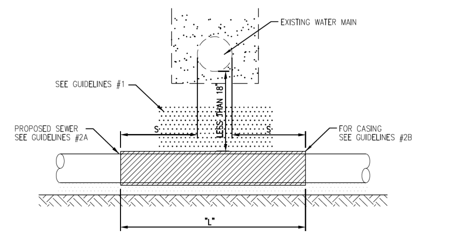
1. IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT
2. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
3. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;

   B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION



GUIDELINES

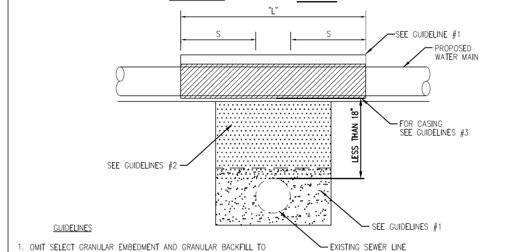
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR "S" FEET ON EACH SIDE OF WATER MAIN.
2. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;

   B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" VERTICAL SEPARATION



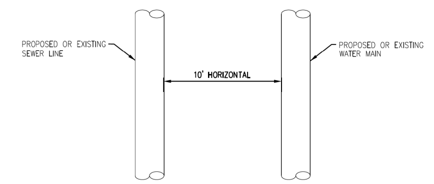
GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.

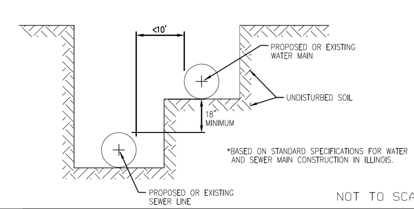
*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PER IEPA, WHEN **PROPOSED** SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED



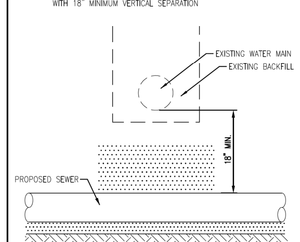
PLAN VIEW

PER IEPA, WHEN **PROPOSED** SEWER (OR WATER) IS LOCATED **LESS THAN 10 FEET** FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY.



*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH 18" MINIMUM VERTICAL SEPARATION

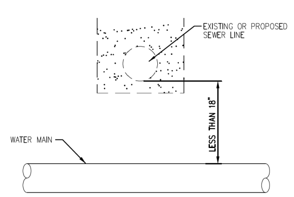


GUIDELINES

1. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PLACEMENT OF WATER MAIN BELOW EXISTING OR PROPOSED SEWER LINE WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION. **NOT ALLOWED.**



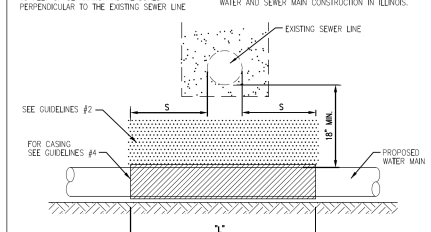
NOT ALLOWED*
MUST MAINTAIN 18" VERTICAL SEPARATION

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.



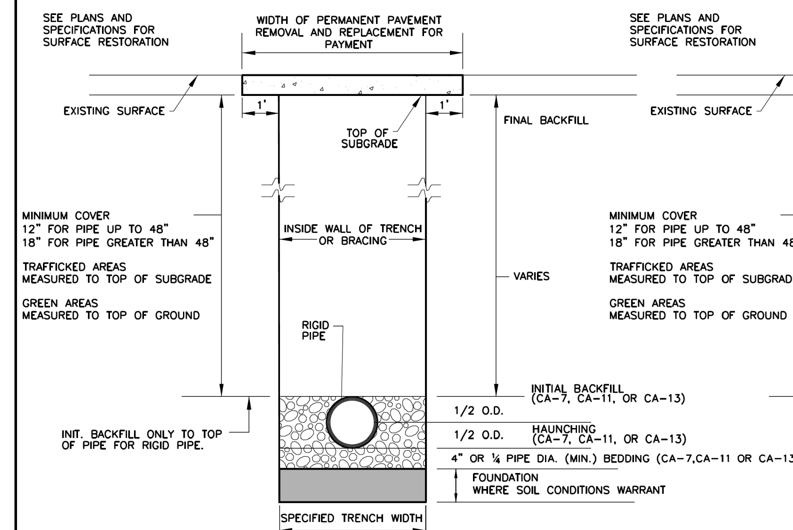
GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

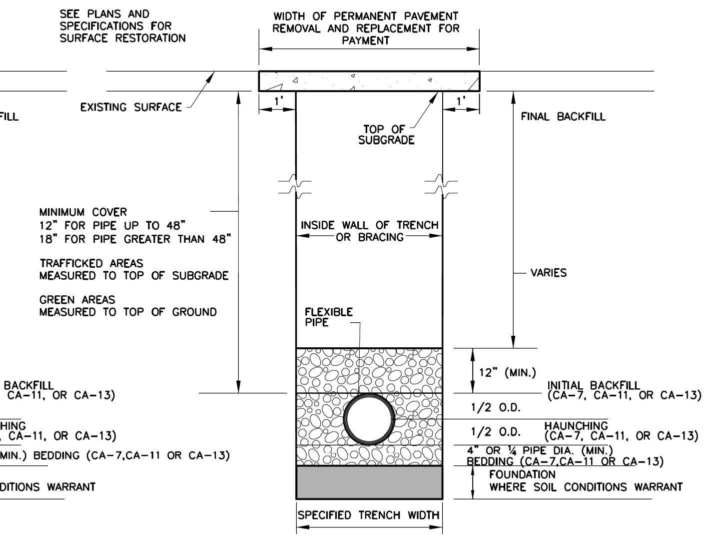
NOT TO SCALE

TECHNICAL GUIDANCE MANUAL | 7/1/15

WATER AND SEWER SEPARATION REQUIREMENTS (PER IEPA) | STD. DWG. NO. 41 | PAGE NO. 42



RIGID PIPE INSTALLATION DETAIL



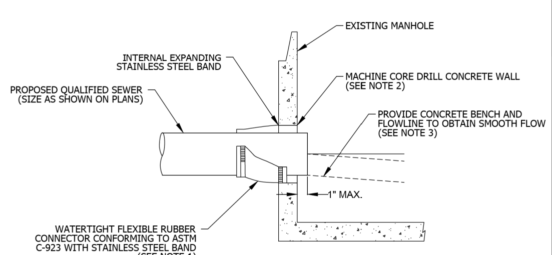
FLEXIBLE PIPE INSTALLATION DETAIL

NOTES:
1. FOR QUALIFIED SEWER CONSTRUCTION ONLY.
2. SHORING, OR EQUIVALENT PROTECTIVE SYSTEM, REQUIRED FOR TRENCHES OF 5' DEPTH OR GREATER, OR AS REQUIRED BY MUNICIPALITY.

NOT TO SCALE

TECHNICAL GUIDANCE MANUAL | 7/1/15

RIGID AND FLEXIBLE PIPE INSTALLATION DETAIL | STD. DWG. NO. 34 | PAGE NO. 35



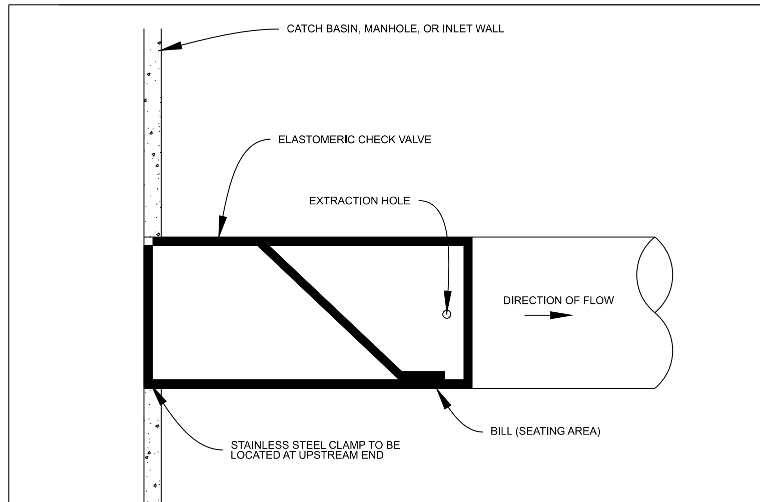
SECTION

NOTES:
1. RESILIENT CONNECTOR COMPLYING WITH ASTM STANDARD C-923 (MOST RECENT EDITION) SHALL BE USED.
2. MACHINE CORE/DRILL CIRCULAR OPENING IN STRUCTURE WALL. OPENING DIAMETER TO FIT THE REQUIRED RESILIENT CONNECTOR PER MANUFACTURER'S RECOMMENDATION.
3. CUT, SHAPE, AND SLOPE NEW INVERT CHANNEL IN THE EXISTING CONCRETE BENCH FOR SMOOTH FLOW.
4. CLEAN EXISTING STRUCTURE AND SEWER PIPE OF ANY DIRT, CONCRETE, OR DEBRIS WHICH MAY ACCUMULATE DURING THE CONSTRUCTION PROCESS.
5. ANY DAMAGE TO THE EXISTING MANHOLE SHALL BE REPAIRED BY THE CONTRACTOR.
6. REINFORCED CONCRETE COLLAR MAY BE SUBSTITUTED FOR PIPE DIAMETERS LARGER THAN 36-INCHES.

NOT TO SCALE

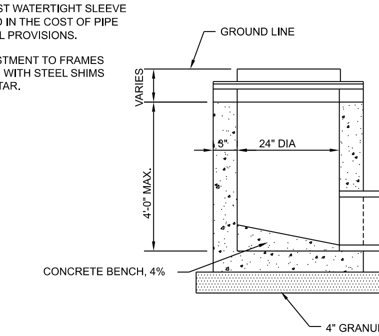
TECHNICAL GUIDANCE MANUAL | 10/02/18

PIPE TO EXISTING MANHOLE CONNECTION DETAIL | STD. DWG. NO. 42 | PAGE NO. 43



STORM SEWER BACKFLOW PREVENTER

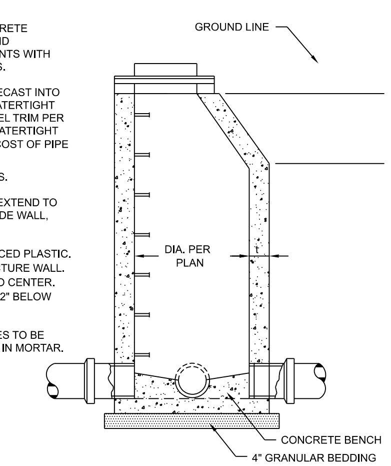
NOTES:
1. SEE STORM TABLE FOR FURTHER REQUIREMENTS.
2. PRECAST REINFORCED CONCRETE SECTIONS PER ASTM C-478 AND PREFORMED BITUMINOUS JOINTS WITH INTEGRAL PRECAST BOTTOMS.
3. PIPE OPENINGS SHALL BE PRECAST INTO WALLS. CAST IN RESILIENT WATERTIGHT SLEEVE WITH STAINLESS STEEL TRIM PER ASTM C-923. THE PRECAST WATERTIGHT SLEEVE IS INCLUDED IN THE COST OF PIPE PER SPECIAL PROVISIONS.
4. FINAL ADJUSTMENT TO FRAMES TO BE DONE WITH STEEL SHIMS SET IN MORTAR.



INLET TYPE A
COMBINED SEWER

NOTES:
1. SEE STORM TABLE FOR FURTHER REQUIREMENTS.
2. PRECAST REINFORCED CONCRETE SECTIONS PER ASTM C-478 AND PREFORMED BITUMINOUS JOINTS WITH INTEGRAL PRECAST BOTTOMS.
3. PIPE OPENINGS SHALL BE PRECAST INTO WALLS. CAST IN RESILIENT WATERTIGHT SLEEVE WITH STAINLESS STEEL TRIM PER ASTM C-923. THE PRECAST WATERTIGHT SLEEVE IS INCLUDED IN THE COST OF PIPE PER SPECIAL PROVISIONS.
4. I.D.O.T #602601 FOR FLAT TOPS.
5. PRECAST PCC BENCH SHALL EXTEND TO CROWN AND SLOPE TO OUTSIDE WALL, SMOOTH FINISH.
6. STEPS TO BE STEEL REINFORCED PLASTIC.
   A. IMBEDDED 3" INTO STRUCTURE WALL.
   B. SPACED AT 16" CENTER TO CENTER.
   C. FIRST STEP LOCATED 8"-12" BELOW FRAME.
7. FINAL ADJUSTMENT TO FRAMES TO BE DONE WITH STEEL SHIMS SET IN MORTAR.

DIA	MIN. THICKNESS (t)
48"	4"
60"	5"
72"	6"



STORM MANHOLE TYPE A
COMBINED SEWER

GEWALT HAMILTON ASSOCIATES, INC.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

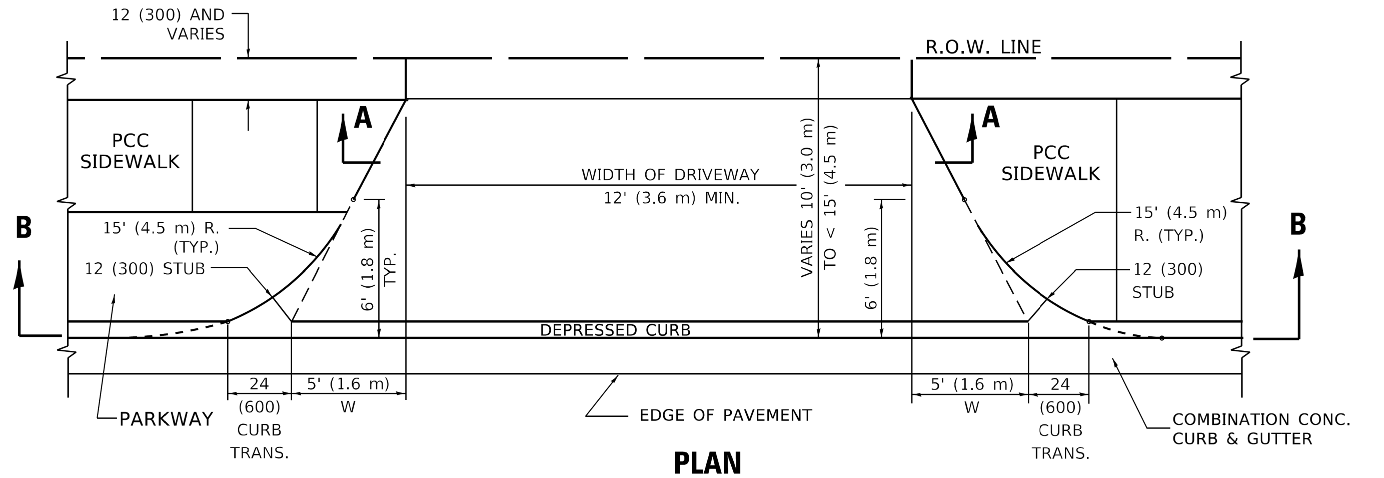
MWRD AND SEWER DETAILS
16TH STREET - BERWYN, IL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	137

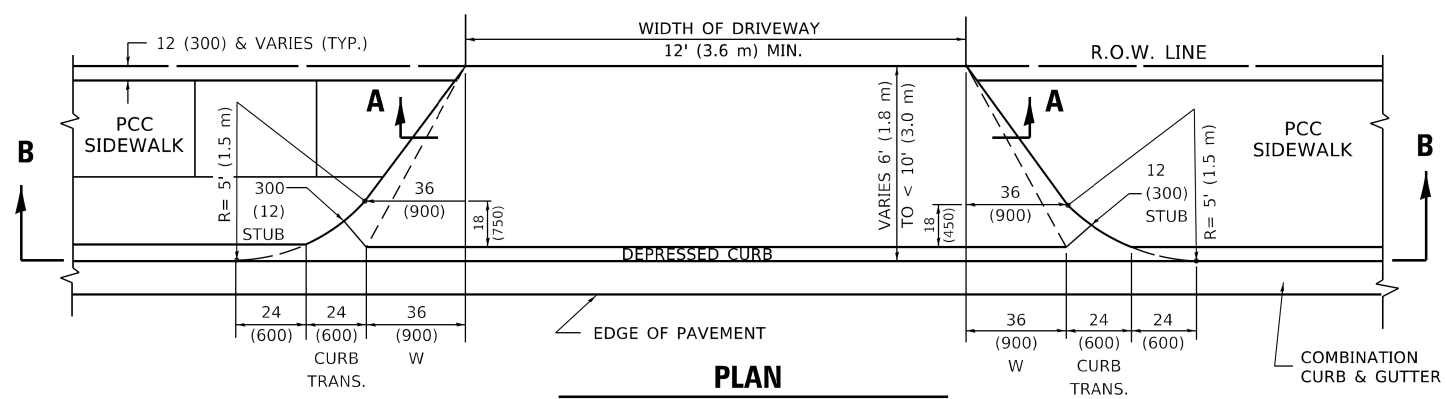
CONTRACT NO. 61L54

ILLINOIS | FED. AID PROJECT



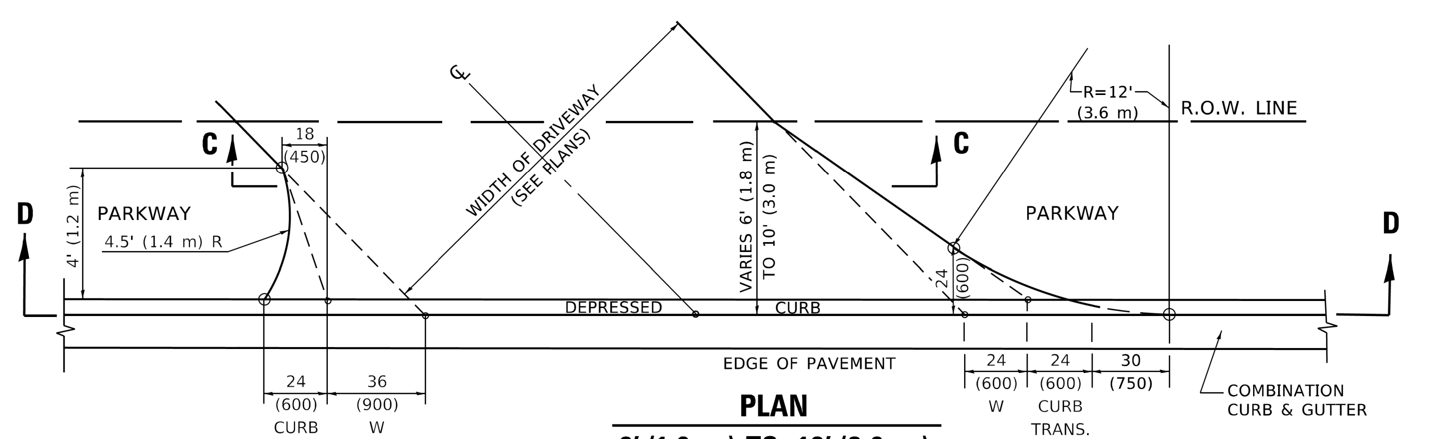
PLAN

10' (3.0 m) TO < 15' (4.5 m)



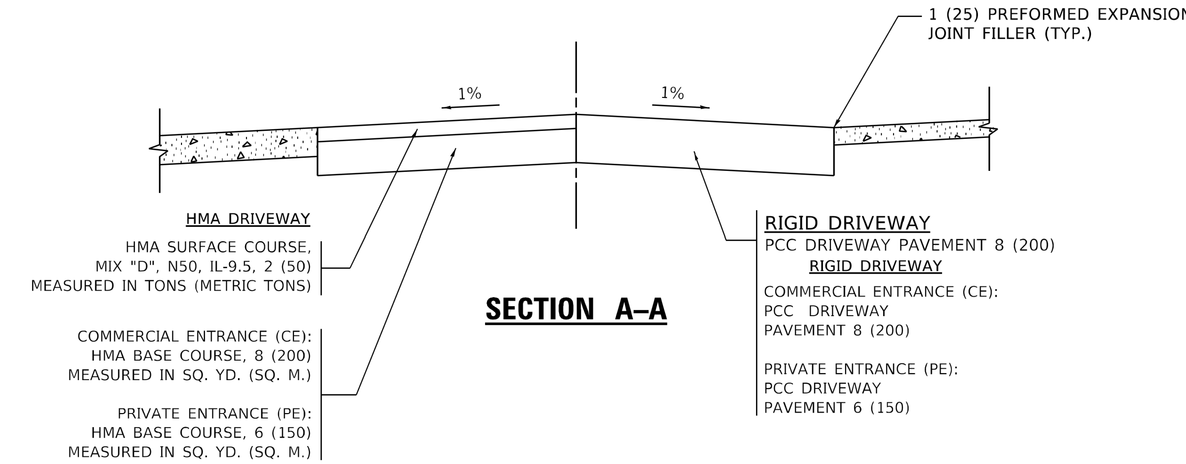
PLAN

6' (1.8 m) TO < 10' (3.0 m)

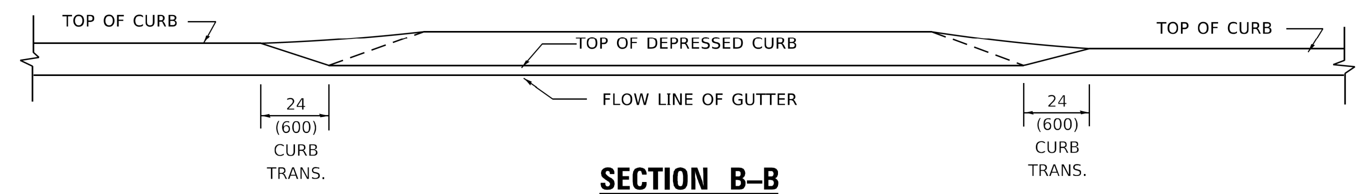


PLAN

6' (1.8 m) TO 10' (3.0 m)



SECTION A–A



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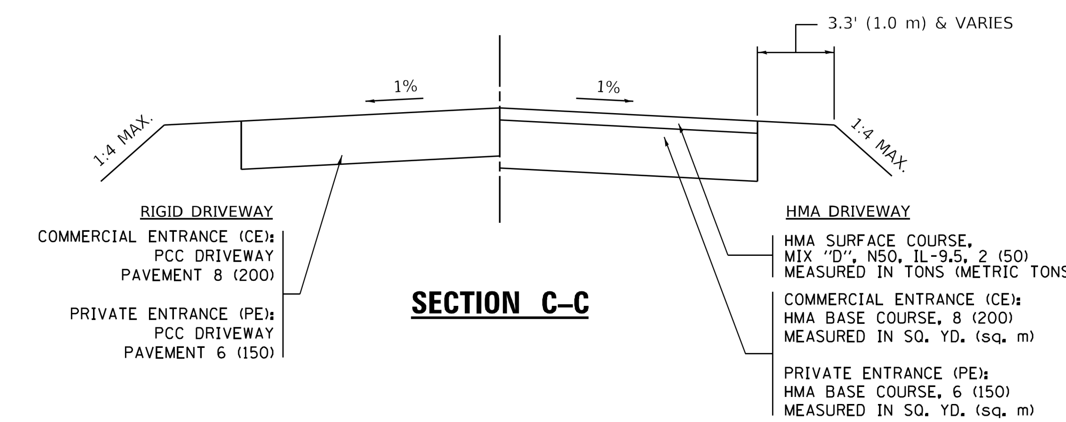
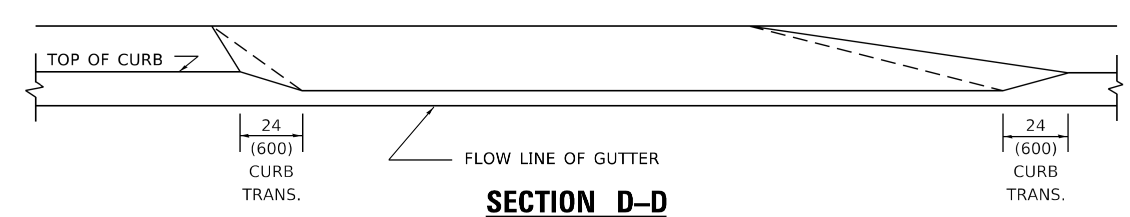


SECTION C–C



SECTION D–D

GENERAL NOTES

1. 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 ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

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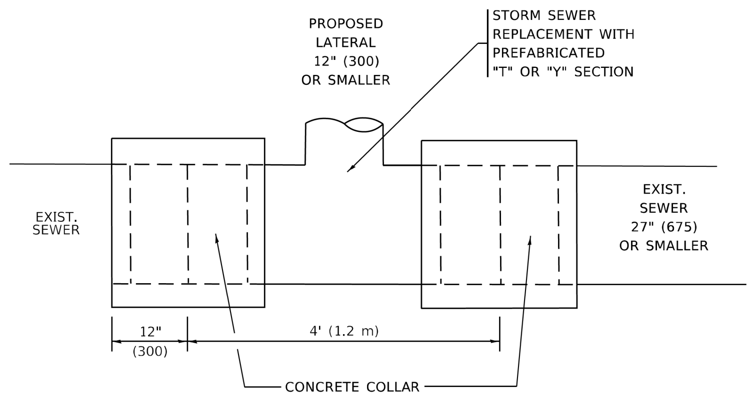
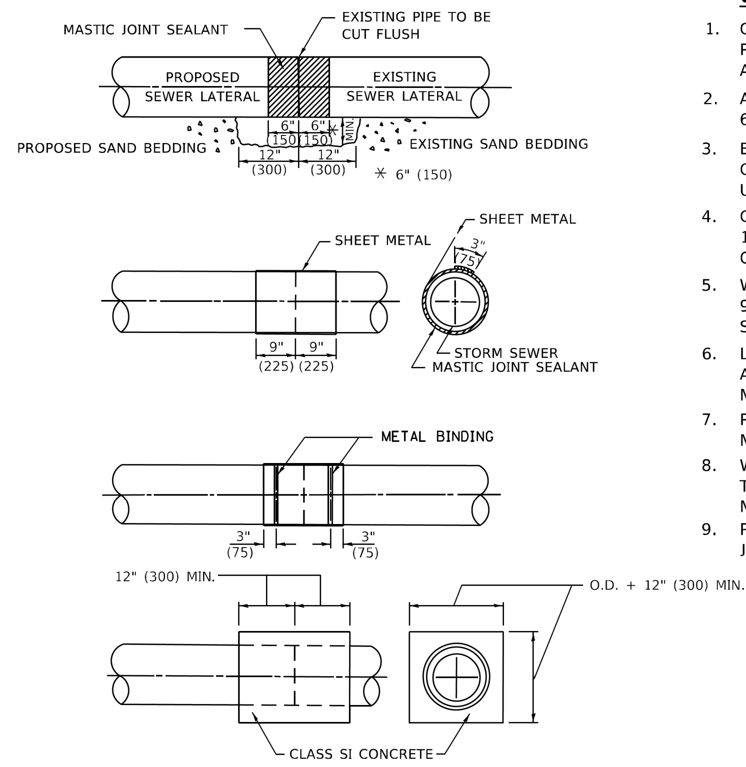
	DRAWN -	REVISED - R. BORO 09-06-11			
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-27-19			
PLOT DATE = 11/18/2022	DATE - 11-06-95	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

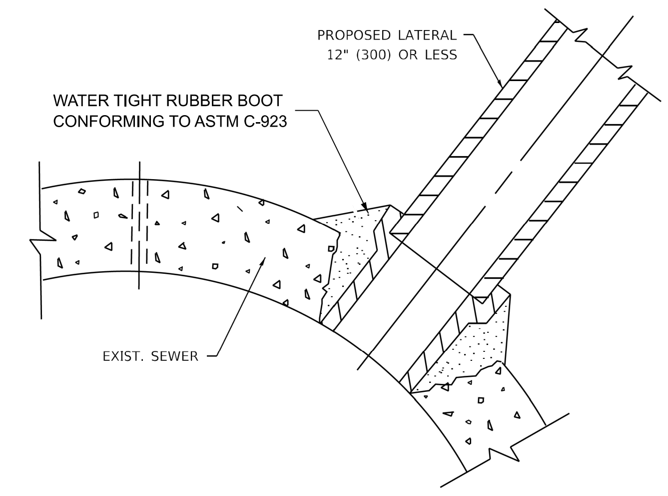
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	138
BD400–02 (BD–02)		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		





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" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) 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 OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

DETAIL "B"

CLASS SI CONCRETE COLLAR

DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
   A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
   B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS
	DRAWN -	REVISED - R. SHAH 10-25-94	DEPARTMENT OF TRANSPORTATION
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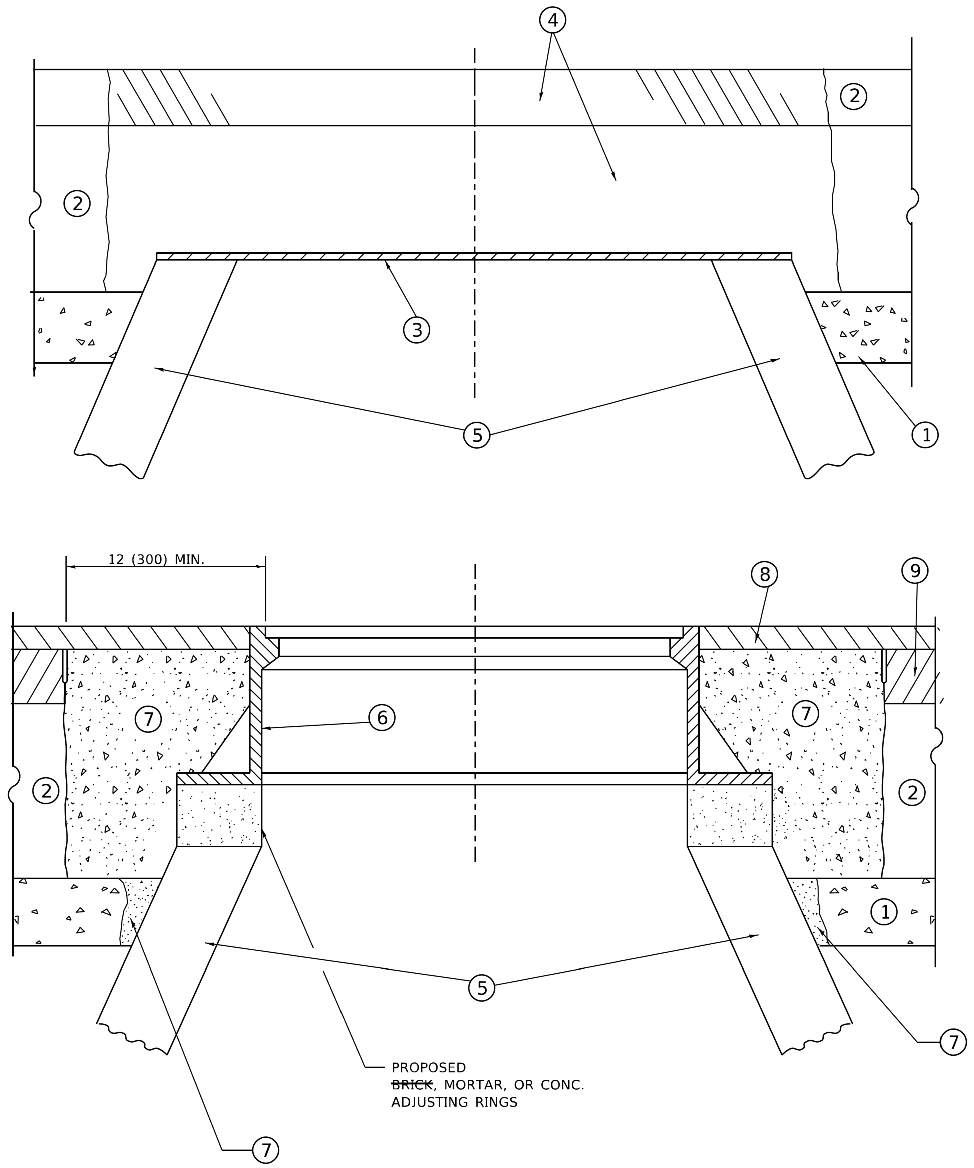
PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - K. SMITH 11-18-22	

DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	139
BD500-01 (BD-07)		CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. 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 SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

∗UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

1 SUB-BASE GRANULAR MATERIAL
2 EXISTING PAVEMENT
3 36 (900) DIAMETER METAL PLATE
4 PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5 EXISTING STRUCTURE
6 FRAME AND LID (SEE NOTES)
7 CLASS PP-2* CONCRETE
8 PROPOSED HMA SURFACE COURSE
9 PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

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.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	
	DRAWN -	REVISED - R. BORO 12-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22	
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

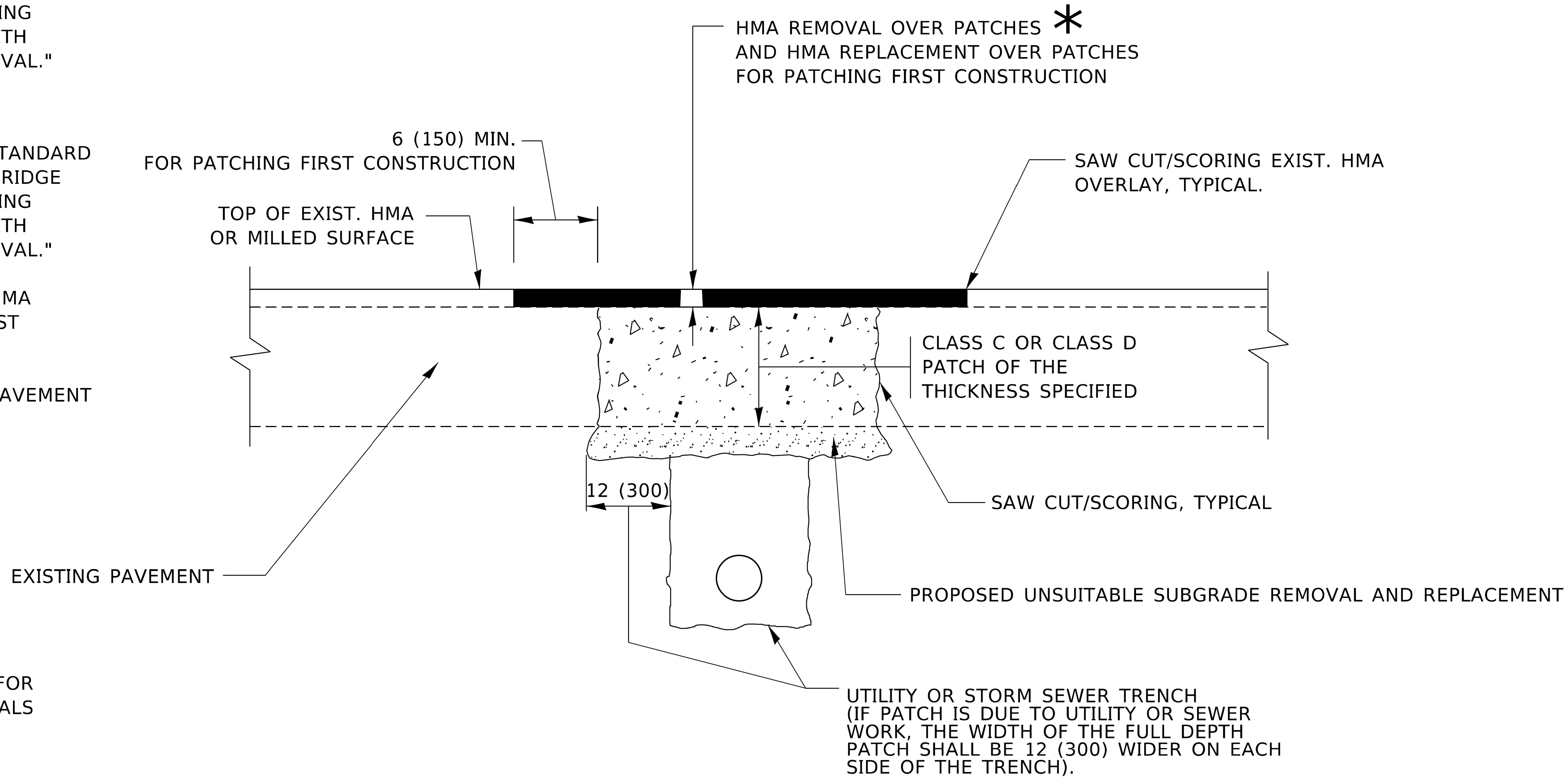
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	140
BD600–03 (BD–08)		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - R. BORO 09-04-07	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08	
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22	

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	141
BD400–04 (BD–22)		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

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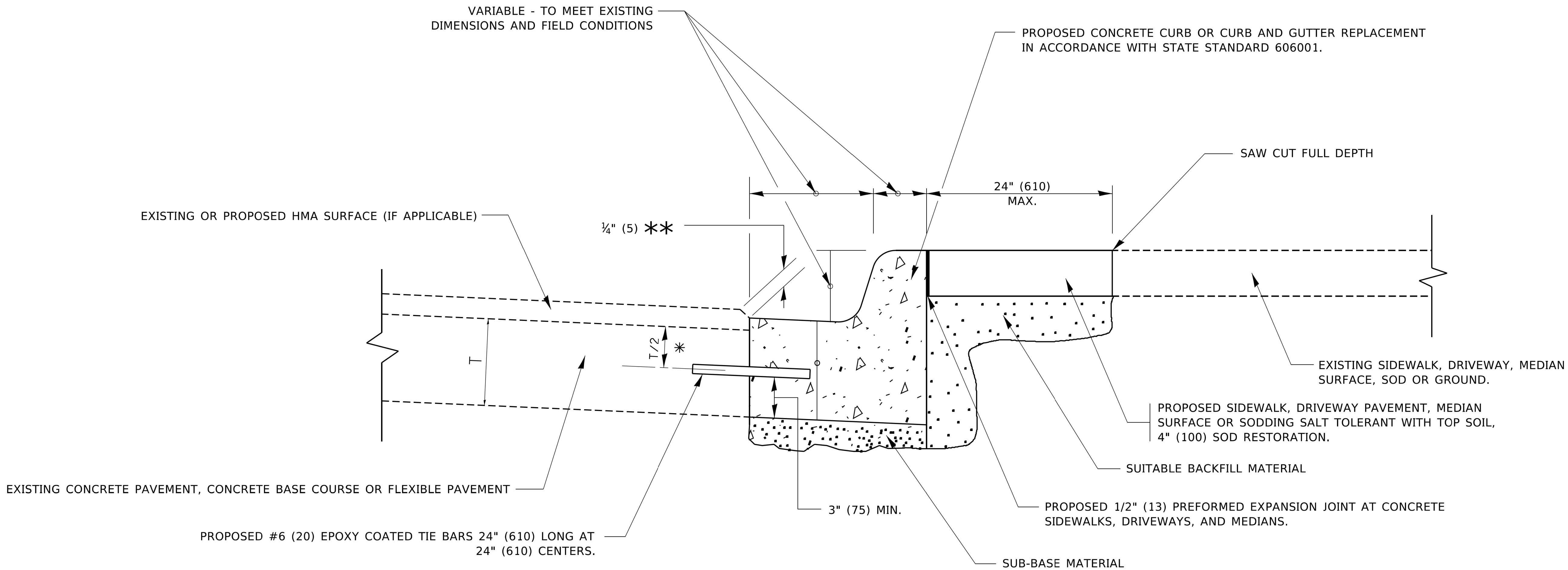

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - M. GOMEZ 01-22-01	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09	
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19	

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	ILLINOIS	FED. AID PROJECT		

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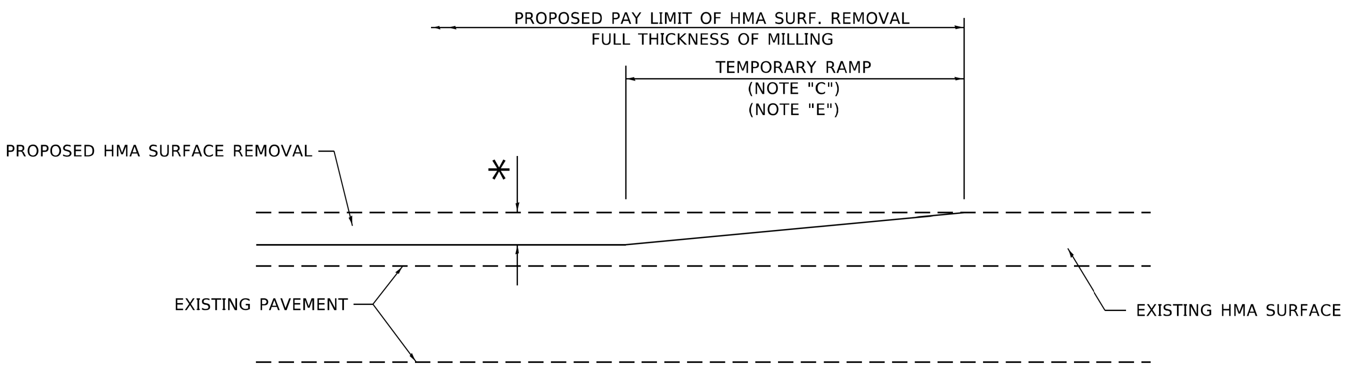
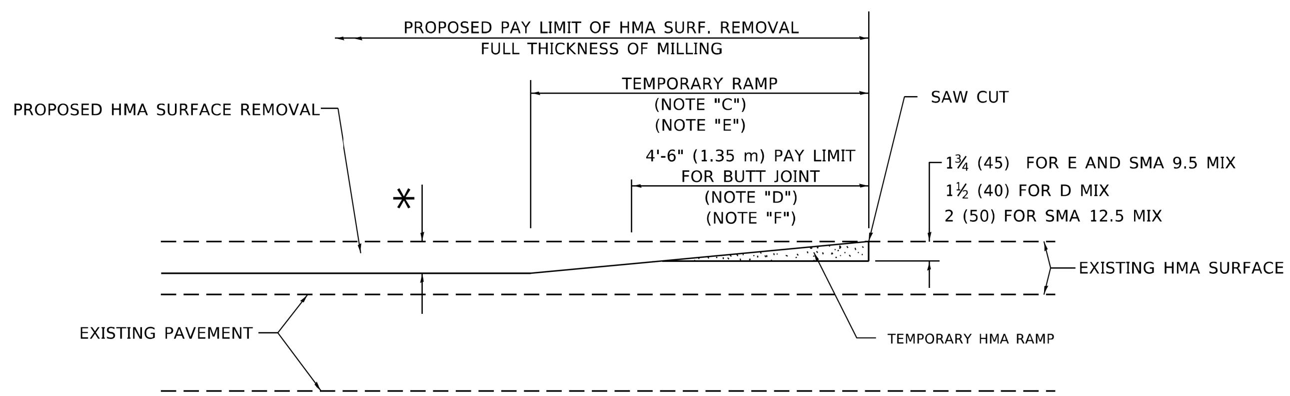


MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

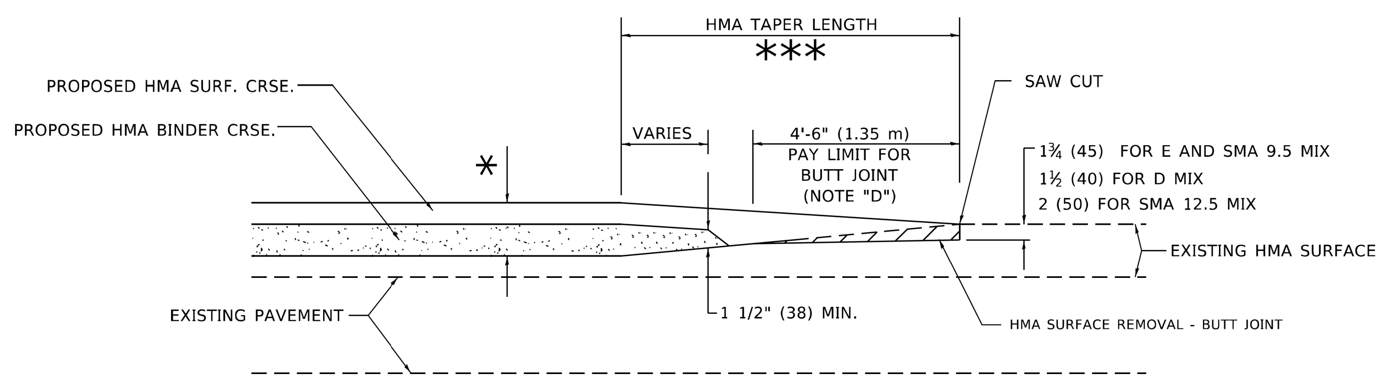


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

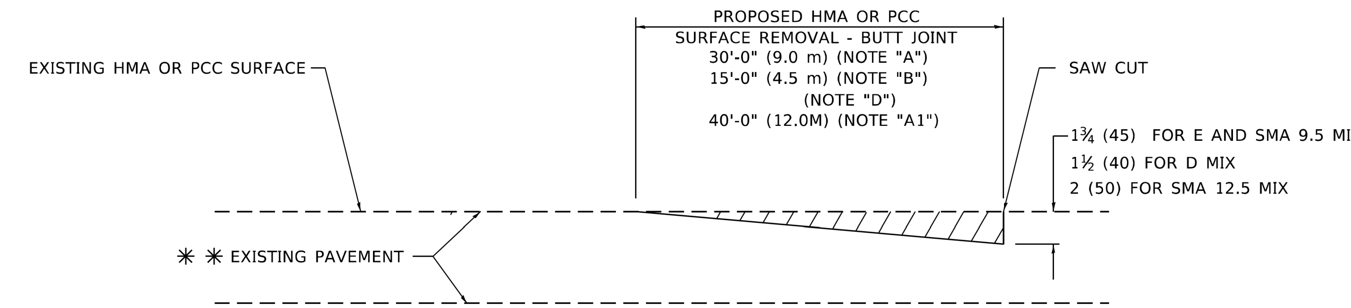
OPTION 2

TYPICAL TEMPORARY RAMP

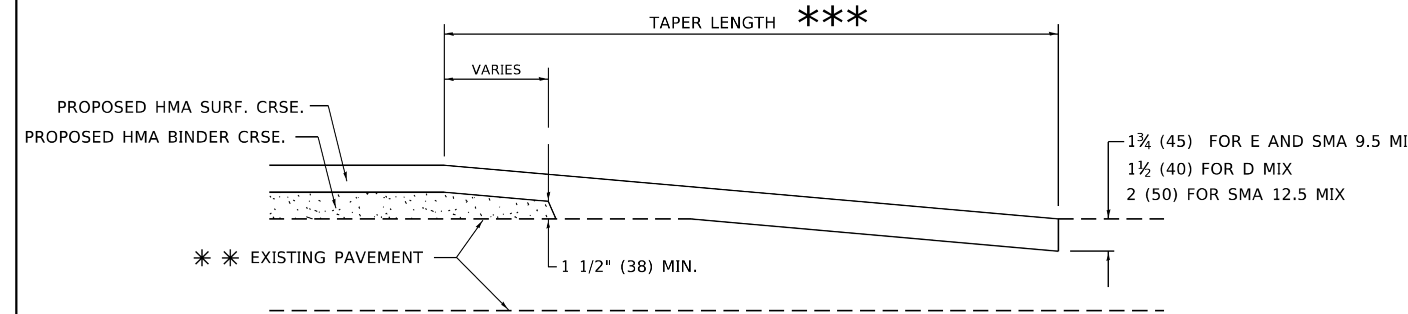


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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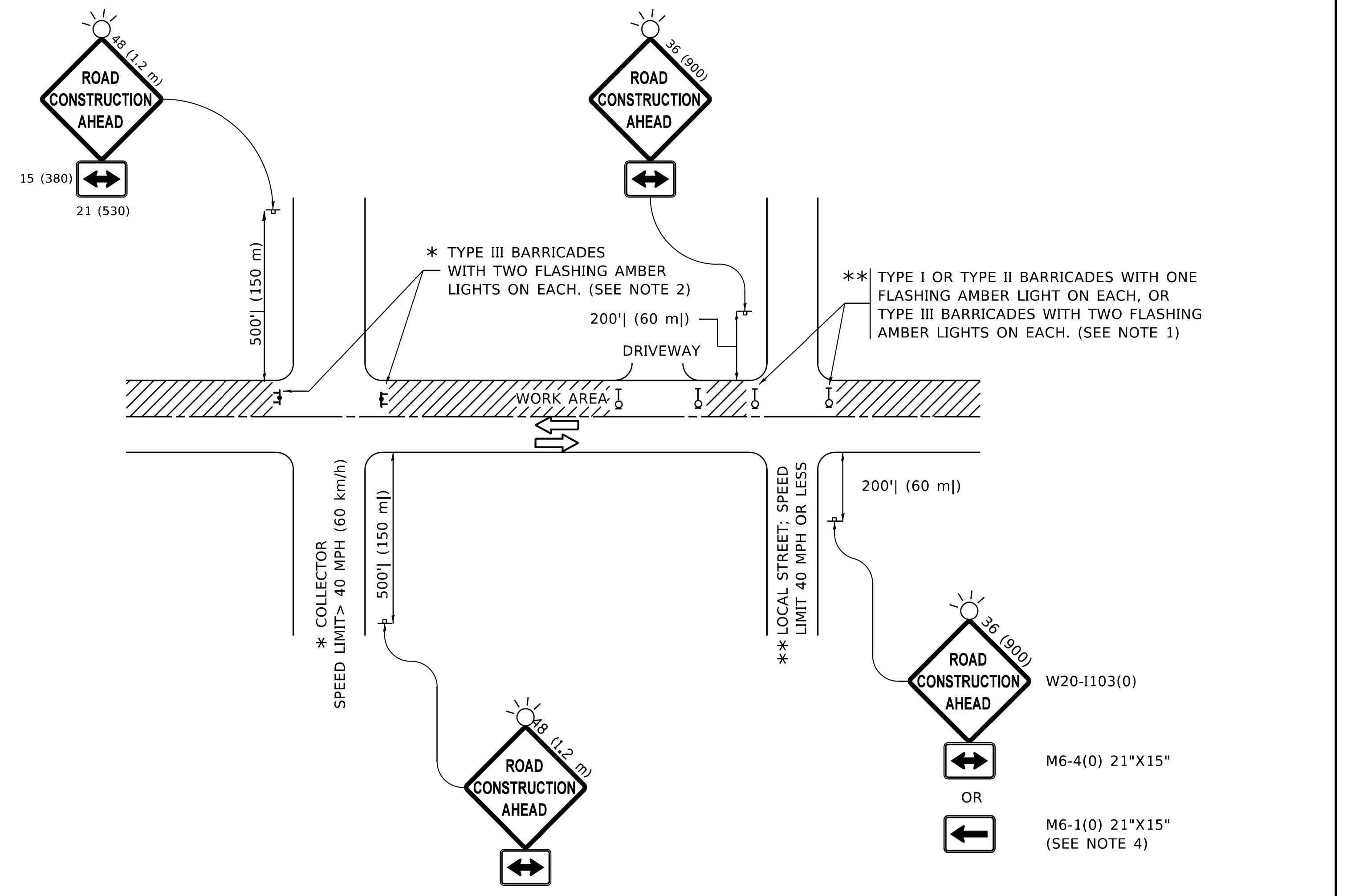
	DRAWN -	REVISED - M. GOMEZ 04-06-01	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07	
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	143
BD400-05 BD-32		CONTRACT NO. 61L54		
		ILLINOIS FED. AID PROJECT		



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.

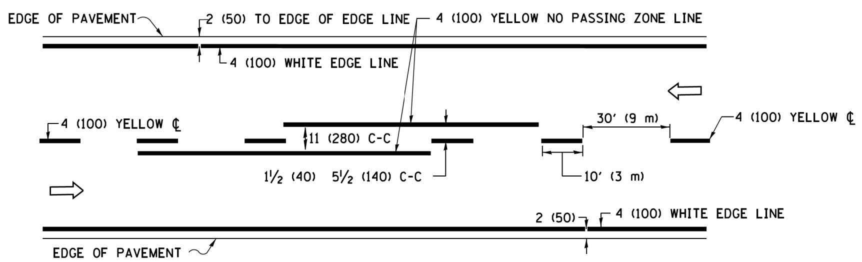
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

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.

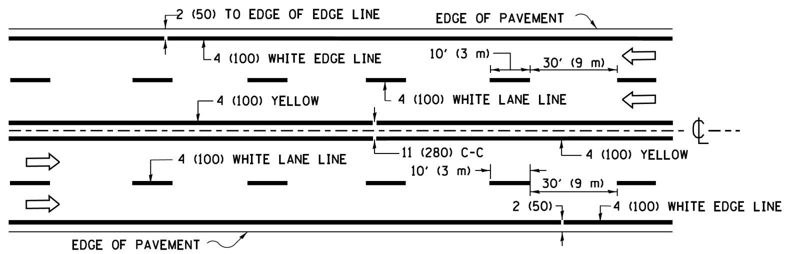
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

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.

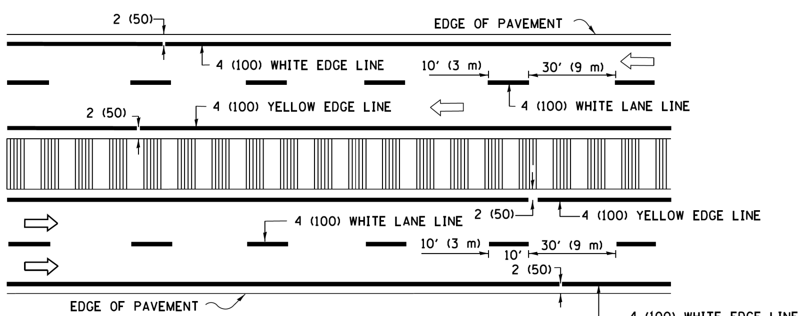
All dimensions are in inches (millimeters) unless otherwise shown.



2-LANE ROADWAY



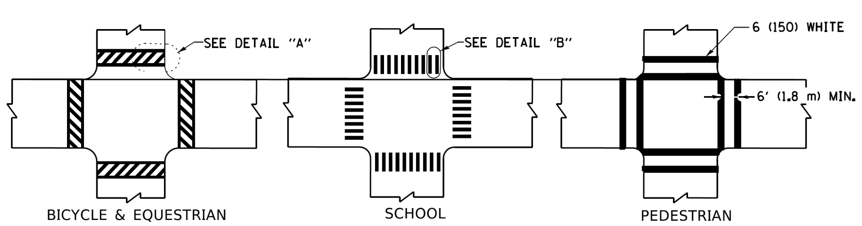
MULTI-LANE UNDIVIDED

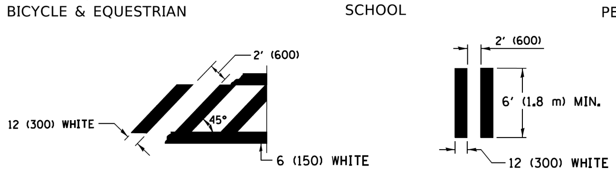


MULTI-LANE DIVIDED

WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



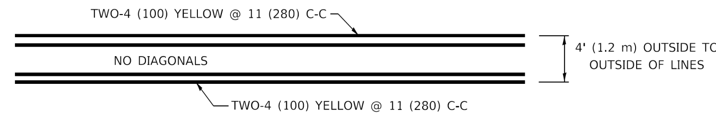


DETAIL "A"

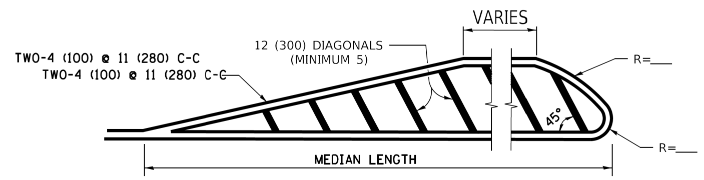
DETAIL "B"

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



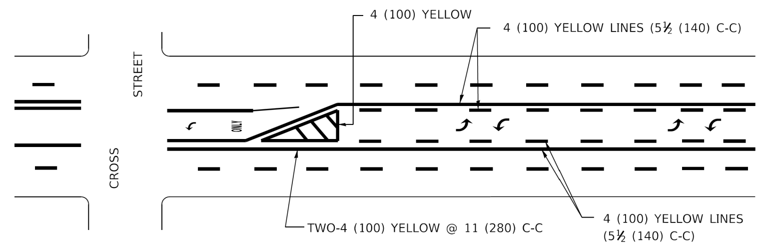
4' (1.2 m) WIDE MEDIANS ONLY



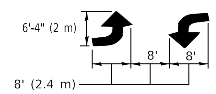
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

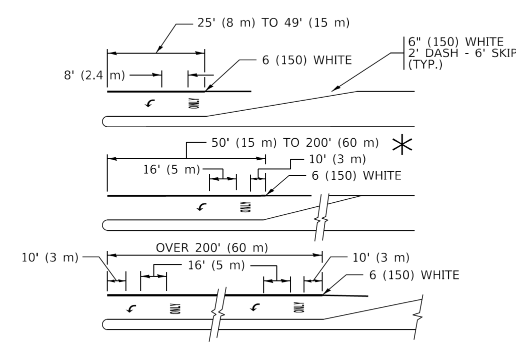


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

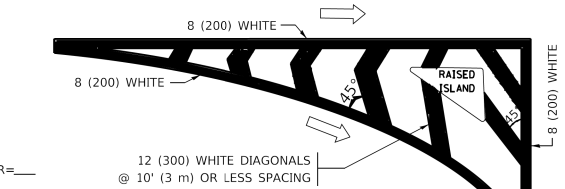


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

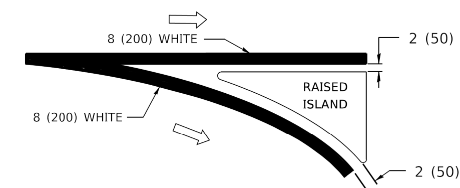
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

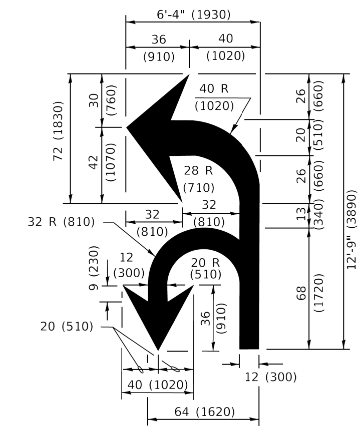


ISLAND OFFSET FROM PAVEMENT EDGE

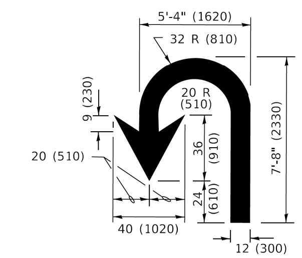


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

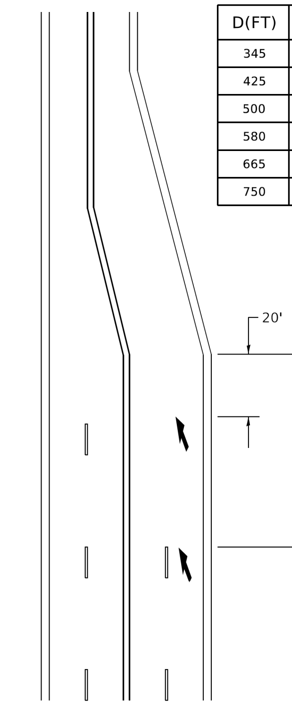


COMBINATION LEFT AND U-TURN



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: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (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 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) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART 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° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 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 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 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
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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	

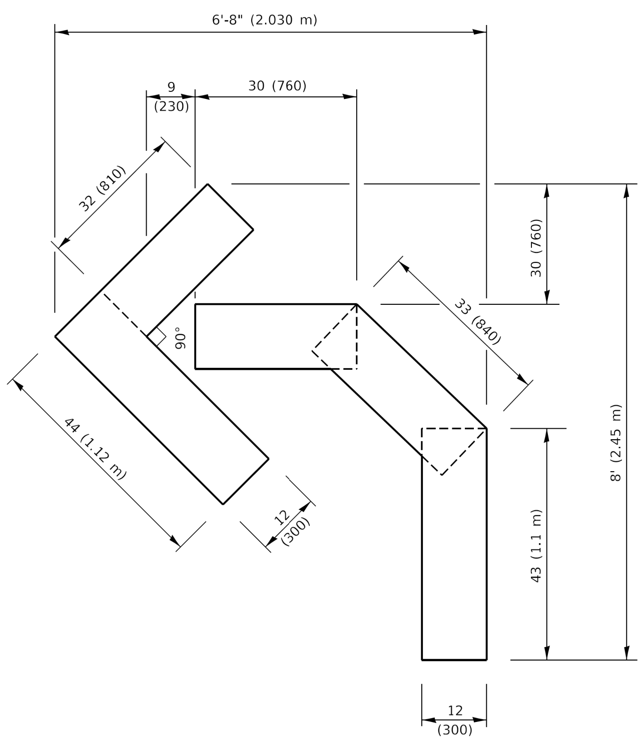
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

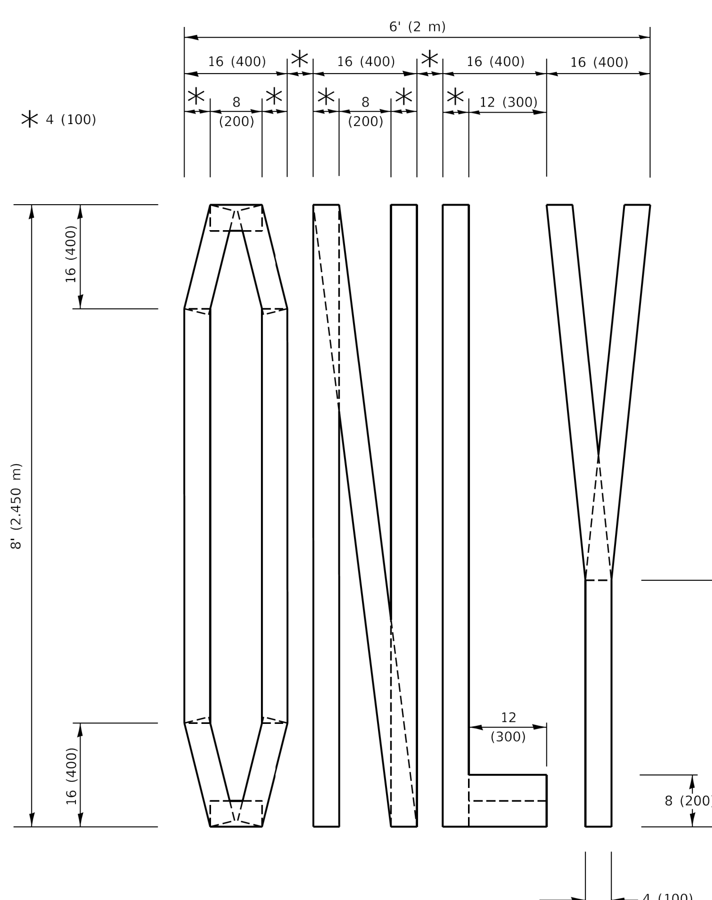
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1447	17-00175-00-LS	COOK	147	145
TC-13		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

tc13.dgn 3/4/2019 10:34:37 AM User=footemj



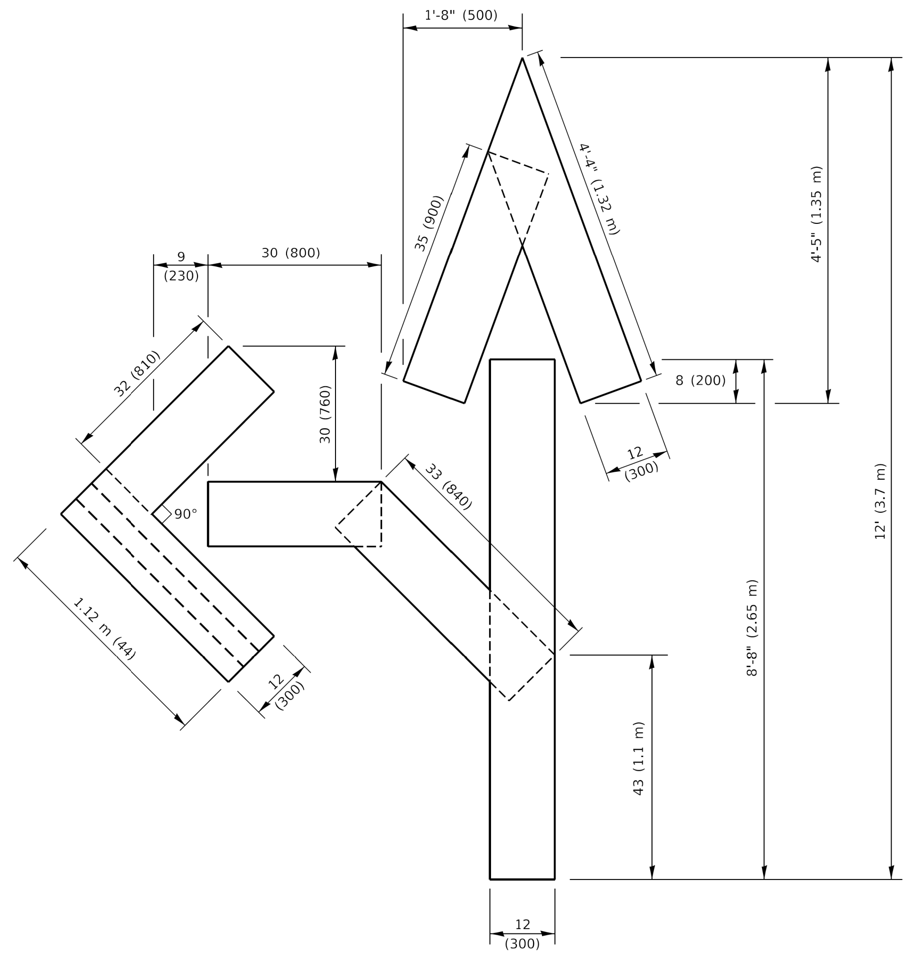
QUANTITY

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)

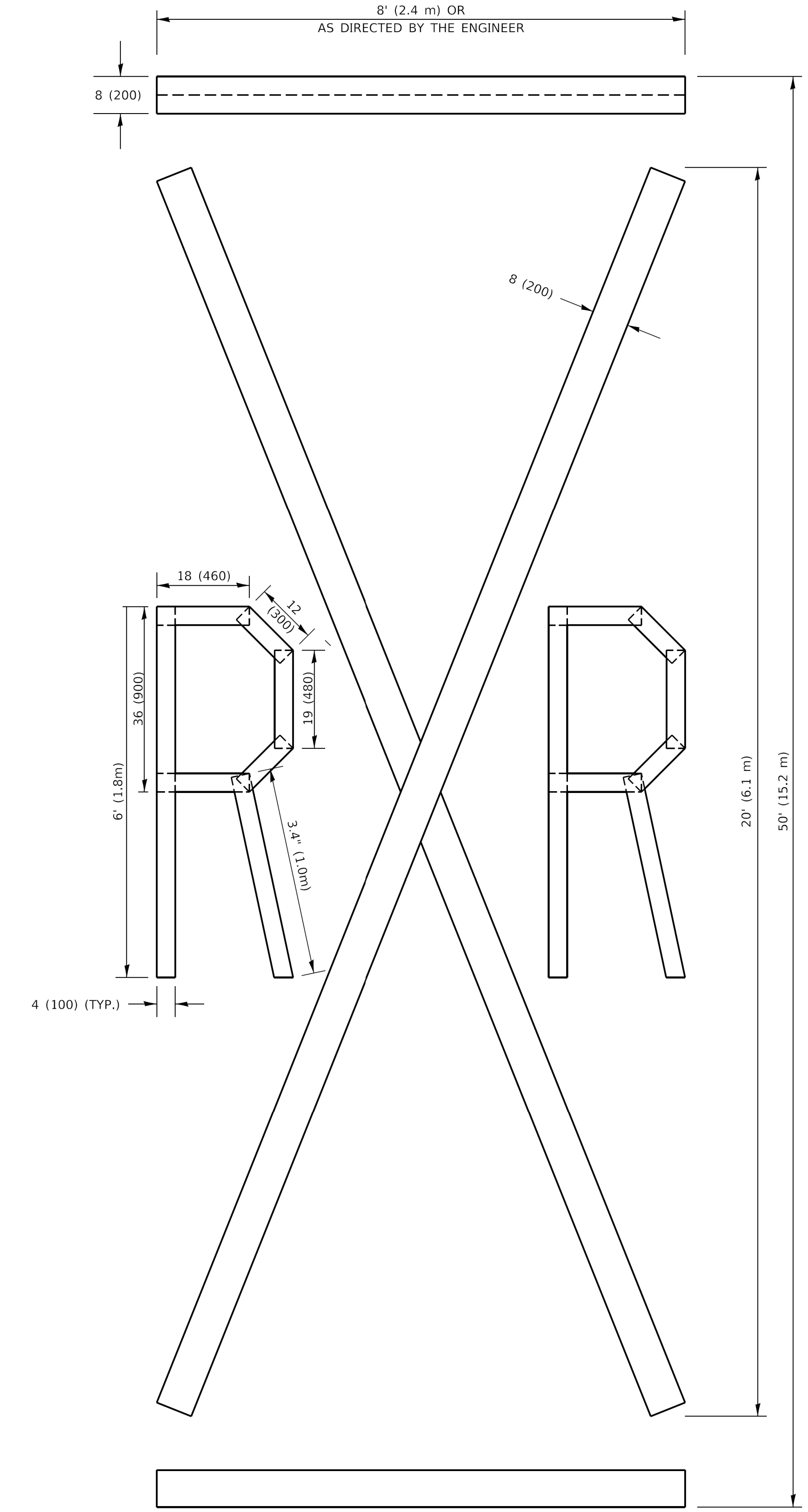


QUANTITY

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.

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	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	

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.
1447	17-00175-00-LS	COOK	147	146
	TC-16	CONTRACT NO. 61L54		
		ILLINOIS	FED. AID PROJECT	

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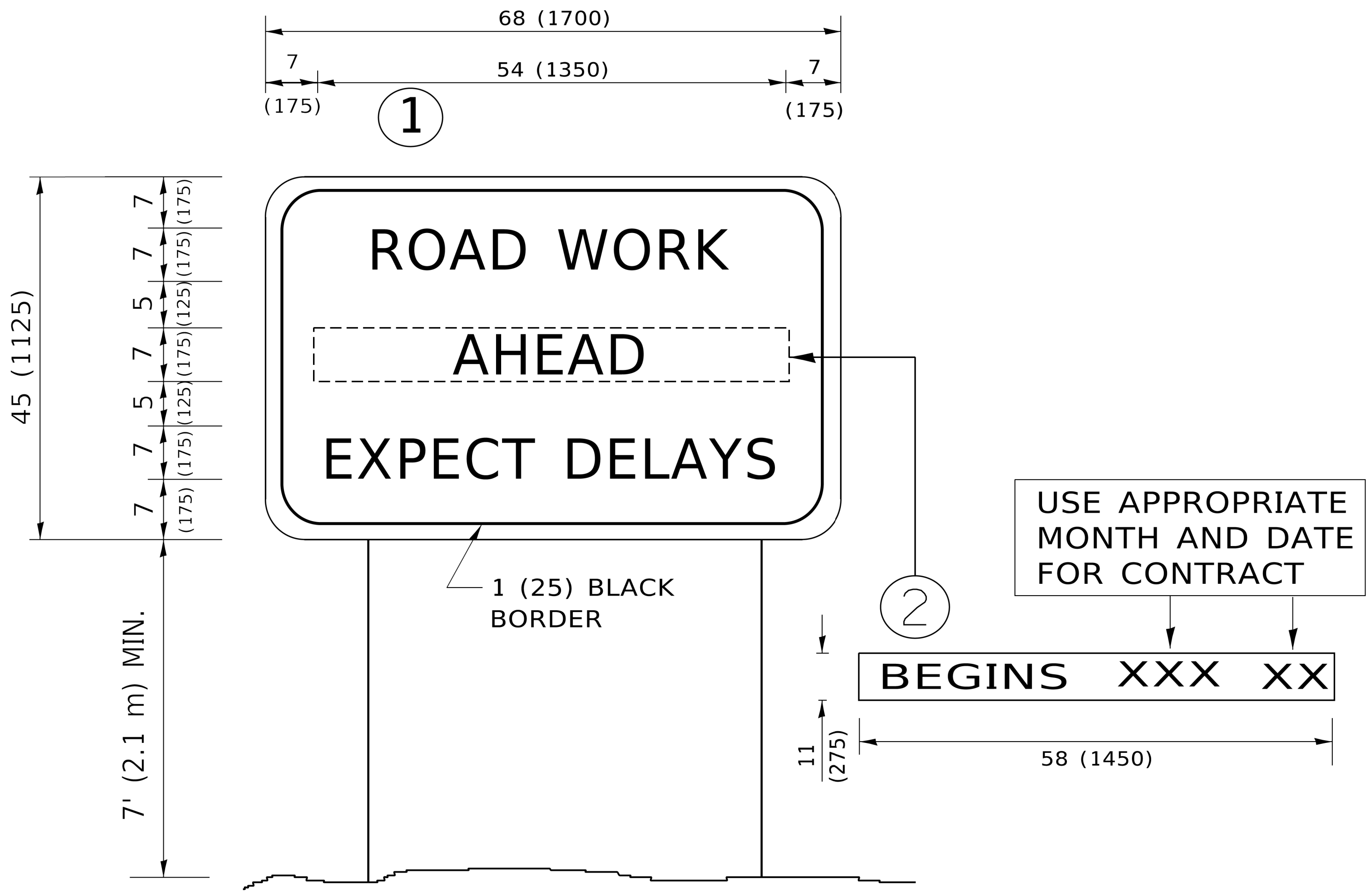

NOTES:

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.

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADsheets\tc22.dgn

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.
1447	17-00175-00-LS	COOK	147	147
TC–22		CONTRACT NO. 61L54		
	ILLINOIS	FED. AID PROJECT		

tc22.dgn 3/4/2019 10:48:10 AM User=footemj