

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

01-19-2024 LETTING ITEM 151

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**
FAU 1321 IL 19 (IRVING PARK ROAD)

EAST OF SCHAUMBURG ROAD TO WEST OF ILLINIOS RTE 59
RECONSTRUCTION, WIDENING, & ROADWAY LIGHTING

SECTION: 10-00055-02-WR
PROJECT: B7KQ(664)
VILLAGE OF STREAMWOOD
COOK COUNTY
JOB: C-91-187-21

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	1
FED. ROAD DIST. NO 1 ILLINOIS		CONTRACT NO. 61K06		

PROJECT LOCATED IN THE
VILLAGE OF STREAMWOOD

TRAFFIC DATA

ADT:
ILL. Route 19 (Irving Park Rd) 21,900 VPD (2011) 28,000 VPD (2040)

ILL. Route 19 (Irving Park Rd):
SPEED POSTED 45 MPH DESIGN SPEED 50 MPH

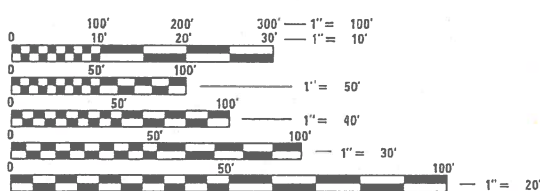
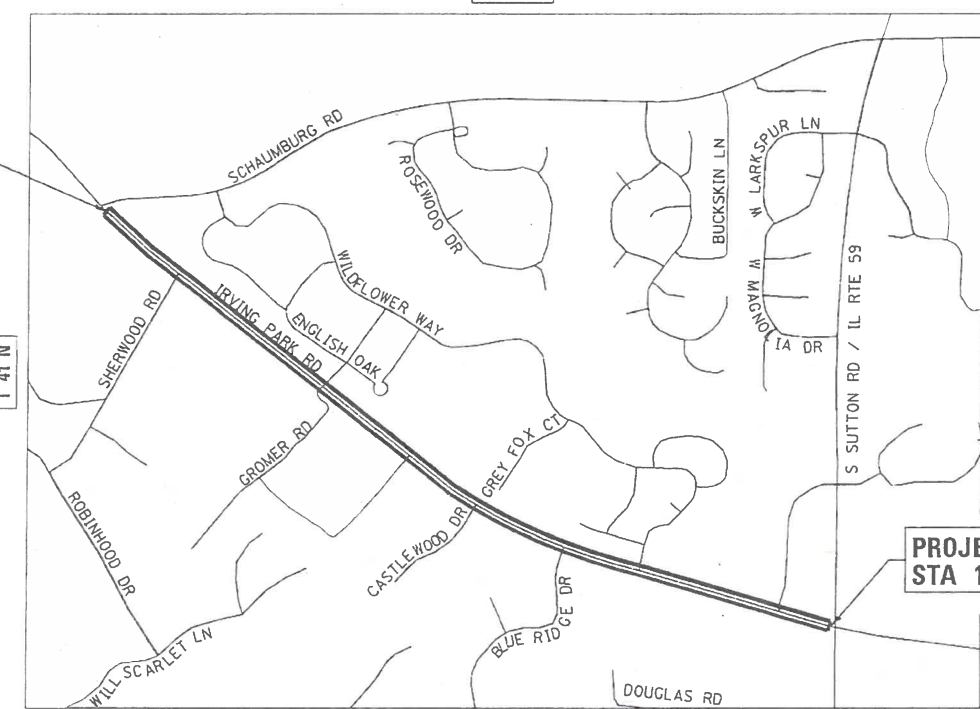
DESIGN DESIGNATION

FAU 1321 (ILL. Route 19) - MINOR ARTERIAL (NON-URBAN)



LOCATION OF SECTION INDICATED THUS: - [Symbol] -

PROJECT BEGINS
STA 105 + 62.00



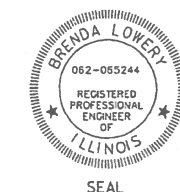
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

HANOVER TOWNSHIP

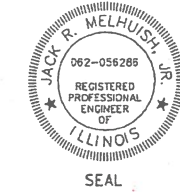
LOCATION MAP
N.T.S.
PROJECT LENGTH

GROSS LENGTH OF PROJECT = 6088 FT. = 1.15 MILES
NET LENGTH OF PROJECT = 6088 FT. = 1.15 MILES



PROFESSIONAL ENGINEER'S SIGN & SEAL
EXCLUDING SHEET(S):

B.L. Lowery
BRENDA LOWERY, P.E.
EXPIRES: 11-30-23
11/7/23



PROFESSIONAL ENGINEER'S SIGN & SEAL
EXCLUDING SHEET(S):

Jack Melhuish
JACK R. MELHUISSH, P.E.
EXPIRES: 11-30-23
11/7/2023



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ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED *11/7* 20 *23*
Moto Man
VILLAGE OF STREAMWOOD

PASSED *NOV 8* 20 *23*
M. R. ...
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED REVIEW *NOVEMBER 8 20 23*
Jose Pina
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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

CONTRACT NO. 61K06

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DISTRICT ONE DETAILS

DISTRICT ONE DETAILS	LIST OF DESCRIPTION
STANDARD NO.	
BD01	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ TO 15 FT
BD02	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER < TO 15 FT
BD07	DETAIL OF STORM SEWER CONNECTION TO EXISTING STORM SEWER
BD12	MANHOLE WITH RESTRICTOR PLATE
BD36	FIRE HYDRANT TO BE MOVED
BD51	BENCHING DETAIL FOR EMBANKMENT WIDENING
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC22	ARTERIAL ROAD INFORMATION SIGN
TC26	DRIVEWAY ENTRANCE SIGNING

STATE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CURB FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602301-04	INLET, TYPE A
602401-07	PRECAST MANHOLE, TYPE A 4' DIAMETER
602402-03	PRECAST MANHOLE, TYPE A 5' DIAMETER
602406-11	PRECAST MANHOLE, TYPE A 6' DIAMETER
602411-09	PRECAST MANHOLE, TYPE A 7' DIAMETER
602416-09	PRECAST MANHOLE, TYPE A 8' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS, TYPE 1
604036-03	GRATE TYPE 8
604091-05	FRAME AND GRATE TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPE A AND B METAL POSTS (FOR SIGNS AND MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
836001-04	LIGHT POLE FOUNDATION

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-09m01.dgn
 PLOT DATE: 12/7/2023
 PEN TABLE: 1001tbl.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 12/7/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS & DISTRICT 1 DETAILS
 IL RTE 19 (IRVING PARK RD)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	2
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

1. ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2022. THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2024. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
3. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 IDOT AT (847) 705-4436 AND THE VILLAGE OF STREAMWOOD AT (630) 736-3850 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
4. ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD88 DATUM.
5. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
6. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
7. SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS LISTED IN SECTION 440 OF THE STANDARD SPECIFICATIONS, SHOWN IN THE PLANS, AND AS DIRECTED BY THE ENGINEER.
8. DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W. UNLESS OTHERWISE NOTED.
9. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
10. THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE NOTED.
11. CURB RAMPS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AND DRIVEWAYS PER CURRENT IDOT STANDARDS AT LOCATIONS WHERE SIDEWALK IS SHOWN ON THE PLAN.
12. THE CONTRACTOR SHALL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON VILLAGE OR IDOT PROPERTY WITHOUT WRITTEN CONSENT FROM THE VILLAGE OF STREAMWOOD OR IDOT.
13. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXEL TRUCK.
14. 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.
15. AGGREGATE SUBGRADE IMPROVEMENT (CU.YD.) HAS BEEN PROVIDED FOR USE AT THE LOCATION INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE, THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU.YD.) WILL BE IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOIL SHOULD BE TESTED WITH A STATIC AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC STANDARD AND CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOIL ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
16. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
17. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07. REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

STORM SEWERS, WATER MAINS, AND UTILITIES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
2. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER BY THE CONTRACTOR.
4. ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
5. THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF STREAMWOOD IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE VILLAGE WITHIN THE DURATION OF THE CONTRACT.
6. OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
7. FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE.
8. WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
9. ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY AND BE DELIVERED TO THE VILLAGE OF STREAMWOOD, AS APPLICABLE.

10. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.
11. CONTRACTOR SHALL MAINTAIN THE CONVEYANCE OF ALL FLOWS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS, CULVERTS, AND OTHER DRAINAGE FACILITIES. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME THAT THE PERMANENT CONNECTIONS WITH SEWERS OR CULVERTS ARE BUILT AND IN SERVICE.
12. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON WATER STRUCTURES SHALL BEAR THE WORD "WATER." ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM." ALL LIDS TO BE USED ON SANITARY SYSTEM STRUCTURES SHALL BEAR THE WORD "SANITARY". REFER TO THE VILLAGE OF STREAMWOOD DETAILS FOR ORDERING INFORMATION OR CONTACT THE DEPARTMENT OF PUBLIC WORKS.
13. ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED.
14. ALL DRAINAGE STRUCTURES LOCATED IN THE ROADWAY VERTICAL CURVE SAGS (LOW-POINTS) SHALL HAVE 4" SUB-SURFACE PAVEMENT DRAIN OPENINGS BLOCKED OUT (PRECAST) AS SHOWN IN THE PLAN DETAILS FOR UNDER DRAIN CONNECTIONS. CONTRACTOR SHALL NOTE THAT STRUCTURE.
15. THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THE WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.
16. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER.
17. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07. REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

BACKFILL

1. ALL TRENCHES WITHIN COOK COUNTY ROW SHALL BE TRENCH BACKFILLED WITH FA-6 SAND IN ACCORDANCE WITH METHOD 1 IN ACCORDANCE WITH ARTICLE 550.07 OF THE (IDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.
3. PROVIDE TRENCH BACKFILL FOR ALL UTILITY LINES WITHIN 2' OF PAVED AREAS. ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON PIPE SIZE AND INVERT DEPTH FROM SUBGRADE. BACK FILLING STORM AND SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART.550.07 (b,c) OF THE SSRBC WILL NOT BE ALLOWED.
4. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

SIGNING AND STRIPING

1. TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS THE ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER, AT (708) 597-9800.
2. SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
3. SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
4. IN ACCORDANCE TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
5. LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.
6. ALL SIGNS SHALL BE INSTALLED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. ALL SIGNS TO BE REMOVED ALONG IL ROUTE 19 SHALL REMAIN THE PROPERTY OF IDOT AND SHALL BE RETURNED TO IDOT UPON REMOVAL AT 895 S. STATE STREET, ELGIN, IL. THE PHONE NUMBER IS 847-741-5302. SIGNS TEMPORARILY RELOCATED OR COVERED SHALL NOT BECOME THE PROPERTY OF IDOT UNTIL PERMANENTLY REMOVED.

EARTHWORK

1. SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSTABLE MATERIAL.
2. PRIOR TO ANY EMBANKMENT PLACEMENT, ALL VEGETATION AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL AS APPROVED BY THE ENGINEER.

SEDIMENTATION AND EROSION CONTROL

1. SEE EROSION CONTROL PLANS FOR GENERAL NOTES CONCERNING EROSION CONTROL.

TRAFFIC CONTROL

1. SEE TRAFFIC CONTROL PLANS FOR GENERAL NOTES CONCERNING TRAFFIC CONTROL AND PROTECTION.
2. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

LIGHTING PLANS

1. SEE LIGHTING PLANS FOR GENERAL NOTES CONCERNING LIGHTING DESIGN.

RETAINING WALL PLANS

1. THE COST OF EXCAVATION REQUIRED FOR THE SEGMENTAL CONCRETE BLOCK WALL SHALL BE INCLUDED IN UNIT COST OF SEGMENTAL CONCRETE BLOCK WALL PER ARTICLE 502.13.

COMMITMENTS

1. NONE.

HRG PROJECT NO: 200415
 HRG PROJ CONTACT:
 FILE NAME: 200415-SPT-99m02.dgn
 PEN TABLE: 10/10/2023



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL RTE 19 (IRVING PARK RD)		1321	10-00055-02-WR	COOK	133	3
		CONTRACT NO. 61K06				
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE			
				ROADWAY 80% FEDERAL 20% STATE 0004	LIGHTING 75% STATE ITEP 25% LOCAL 0021	100% LOCAL 004	MULTI-USE PATH 90% STATE ITEP 10% STATE 0028
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	299				299
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	25				25
* 20101100	TREE TRUNK PROTECTION	EACH	9				9
20200100	EARTH EXCAVATION	CU YD	13,624	13,624			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,523	6,523			
20800150	TRENCH BACKFILL	CU YD	3,556	3,556			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,373	2,373			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	16,443				16,443
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	137				137
* 25000210	SEEDING, CLASS 2A	ACRE	4				4
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	306				306
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	306				306
* 25100630	EROSION CONTROL BLANKET	SQ YD	16,443	16,443			
* 25200200	SUPPLEMENTAL WATERING	UNIT	37				37
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	340	340			
28000400	PERIMETER EROSION BARRIER	FOOT	7,378	7,378			
28000510	INLET FILTERS	EACH	84	84			
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	16,443	16,443			

* SPECIALTY ITEMS

X CONSTRUCTION TYPE CODE 0042

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-SEC-04.dgn
 PEN TABLE: 10/10/2023



USER NAME = jhorwit	DESIGNED -	REVISED - XX/XX/XXXX
PLOT SCALE = 2,0000' / in.	DRAWN - WJH	REVISED - XX/XX/XXXX
PLOT DATE = 11/30/2023	CHECKED - TEH	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL RTE 19 (IRVING PARK RD)**

SCALE: N.T.S. SHEET 1 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	4
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE			
				ROADWAY 80% FEDERAL 20% STATE 0004	LIGHTING 75% STATE ITEP 25% LOCAL 0021	100% LOCAL 004	MULTI-USE PATH 90% STATE ITEP 10% STATE 0028
28100103	STONE RIPRAP, CLASS A2	SO YD	2	2			
28200200	FILTER FABRIC	SO YD	2	2			
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,598	1,598			
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	38,113	38,113			
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	9,587				9,587
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	510	510			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	64	64			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	12,148	1,220			10,928
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	24,884	23,791			1,093
40600370	LONGITUDINAL JOINT SEALANT	FOOT	11,041	11,041			
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	629				629
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	485	66			419
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SO YD	26,536	26,536			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	80	80			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	42,564				42,564
42400800	DETECTABLE WARNINGS	SO FT	325				325
44000100	PAVEMENT REMOVAL	SO YD	24,095	24,095			
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	1,148	1,148			

* SPECIALTY ITEMS

X CONSTRUCTION TYPE CODE 0042

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-506-04.dgn
 PEN TABLE: 11/30/2023



USER NAME = jhorwit	DESIGNED -	REVISED - XX/XX/XXXX
	DRAWN - WJH	REVISED - XX/XX/XXXX
PLOT SCALE = 2.0000' / in.	CHECKED - TEH	REVISED - XX/XX/XXXX
PLOT DATE = 11/30/2023	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL RTE 19 (IRVING PARK RD)

SCALE: N.T.S. SHEET 2 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	5
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-306-01.dgn
 PLOT DATE: 11/30/2023
 PEN TABLE: plotTable.tbl



* SPECIALTY ITEMS

X CONSTRUCTION TYPE CODE 0042

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE			
				ROADWAY 80% FEDERAL 20% STATE 0004	LIGHTING 75% STATE ITEP 25% LOCAL 0021	100% LOCAL 004	MULTI-USE PATH 90% STATE ITEP 10% STATE 0028
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,751	1,751			
44000600	SIDEWALK REMOVAL	SO FT	24,004				24,004
44003100	MEDIAN REMOVAL	SO FT	775	775			
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SO YD	7,722	7,722			
50104400	CONCRETE HEADWALL REMOVAL	EACH	3	3			
50105220	PIPE CULVERT REMOVAL	FOOT	304	304			
50900805	PEDESTRIAN RAILING	FOOT	1,374				1,374
52200800	SEGMENTAL CONCRETE BLOCK WALL	SO FT	16,212				16,212
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	351	351			
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	201	201			
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	53	53			
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	11	11			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2,645	2,645			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	939	939			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	900	900			
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	647	647			
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	293	293			
550A0660	STORM SEWERS, CLASS A, TYPE 3 15"	FOOT	215	215			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL RTE 19 (IRVING PARK RD)

SCALE: N.T.S. SHEET 3 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	6
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-SEC-04.dgn
 PEN TABLE: 10/10/2023



PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE			
				ROADWAY 80% FEDERAL 20% STATE 0004	LIGHTING 75% STATE ITEP 25% LOCAL 0021	100% LOCAL 004	MULTI-USE PATH 90% STATE ITEP 10% STATE 0028
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	48	48			
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	21	21			
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	106	106			
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	131	131			
550A2620	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 48"	FOOT	104	104			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	6	6			
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2			
55100500	STORM SEWER REMOVAL 12"	FOOT	284	284			
55100700	STORM SEWER REMOVAL 15"	FOOT	311	311			
55100900	STORM SEWER REMOVAL 18"	FOOT	284	284			
55101000	STORM SEWER REMOVAL 20"	FOOT	48	48			
55101200	STORM SEWER REMOVAL 24"	FOOT	883	883			
* 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	35	35			
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	6	6			
* 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	6	6			
* 56400810	FIRE HYDRANT EXTENSION	FOOT	10	10			
* 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	6	6			

* SPECIALTY ITEMS

X CONSTRUCTION TYPE CODE 0042

USER NAME = jhorwit	DESIGNED -	REVISED - XX/XX/XXXX
	DRAWN - WJH	REVISED - XX/XX/XXXX
PLOT SCALE = 2.0000' / in.	CHECKED - TEH	REVISED - XX/XX/XXXX
PLOT DATE = 11/30/2023	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL RTE 19 (IRVING PARK RD)

SCALE: N.T.S. SHEET 4 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	7
				CONTRACT NO. 61K06
ILLINOIS FED. AID PROJECT				

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE			
				ROADWAY 80% FEDERAL 20% STATE 0004	LIGHTING 75% STATE ITEP 25% LOCAL 0021	100% LOCAL 004	MULTI-USE PATH 90% STATE ITEP 10% STATE 0028
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	904	904			
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	2,997				2,997
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3			
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6	6			
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	23	23			
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2	2			
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	8	8			
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	15	15			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13	13			
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7			
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15	15			
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3			
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	27	27			
60260100	INLETS TO BE ADJUSTED	EACH	1	1			
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	7	7			
60500040	REMOVING MANHOLES	EACH	4	4			
60500050	REMOVING CATCH BASINS	EACH	10	10			

* SPECIALTY ITEMS

X CONSTRUCTION TYPE CODE 0042

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-306-01.dgn
 PEN TABLE: 10/10/2023



USER NAME = jhorwit	DESIGNED -	REVISED - XX/XX/XXXX
	DRAWN - WJH	REVISED - XX/XX/XXXX
PLOT SCALE = 2.0000' / in.	CHECKED - TEH	REVISED - XX/XX/XXXX
PLOT DATE = 11/30/2023	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL RTE 19 (IRVING PARK RD)

SCALE: N.T.S. SHEET 5 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	8
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-006-04.dgn
 PLOT DATE: 11/30/2023
 PEN TABLE: p10.tbl



PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE			
				ROADWAY 80% FEDERAL 20% STATE 0004	LIGHTING 75% STATE ITEP 25% LOCAL 0021	100% LOCAL 004	MULTI-USE PATH 90% STATE ITEP 10% STATE 0028
6050060	REMOVING INLETS	EACH	5	5			
6060500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,24	FOOT	11,058	11,058			
* 6300001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,250	1,250			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	10	10			
63200310	GUARDRAIL REMOVAL	FOOT	805	805			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2,400	2,400			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10			
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1			
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	80	80			
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1			
* 66901004	HERBICIDES SOIL ANALYSIS	EACH	2	2			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12			
67100100	MOBILIZATION	L SUM	1	1			
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	145	145			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,800	5,800			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	21,810	21,810			
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	57,494	57,494			
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	69	69			

* SPECIALTY ITEMS

X CONSTRUCTION TYPE CODE 0042

USER NAME = jhorwit	DESIGNED -	REVISED - XX/XX/XXXX
	DRAWN - WJH	REVISED - XX/XX/XXXX
PLOT SCALE = 2,0000' / in.	CHECKED - TEH	REVISED - XX/XX/XXXX
PLOT DATE = 11/30/2023	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL RTE 19 (IRVING PARK RD)

SCALE: N.T.S. SHEET 6 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	9
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-306-01.dgn
 PLOT DATE: 11/30/2023
 PEN TABLE: p10tbl01.tbl



PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE			
				ROADWAY 80% FEDERAL 20% STATE 0004	LIGHTING 75% STATE ITEP 25% LOCAL 0021	100% LOCAL 004	MULTI-USE PATH 90% STATE ITEP 10% STATE 0028
* 72000100	SIGN PANEL - TYPE 1	SO FT	189	189			
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	21	21			
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	7	7			
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5			
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	593	593			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	344	344			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	29,673	29,673			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,111	2,111			
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	919	919			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	501	501			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	131	131			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	480	480			
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SO FT	5,525	5,525			
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	370	370			
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1		
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	50		50		
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	584		584		

* SPECIALTY ITEMS

X CONSTRUCTION TYPE CODE 0042

USER NAME = jhorwit	DESIGNED -	REVISED - XX/XX/XXXX
	DRAWN - WJH	REVISED - XX/XX/XXXX
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL RTE 19 (IRVING PARK RD)

SCALE: N.T.S. SHEET 7 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	10
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-306-04.dgn
 PEN TABLE: 11/30/2023



PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE			
				ROADWAY 80% FEDERAL 20% STATE 0004	LIGHTING 75% STATE ITEP 25% LOCAL 0021	100% LOCAL 004	MULTI-USE PATH 90% STATE ITEP 10% STATE 0028
* 81603156	UNIT DUCT, 600V, 5-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE	FOOT	10,936		10,936		
* 81702180	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	150		150		
* 82500370	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	1		1		
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	660		660		
* 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	66		66		
* 88600100	DETECTOR LOOP, TYPE I	FOOT	78	78			
* 89502376	REBUILD EXISTING HANDHOLE	EACH	1	1			
* A2022166	TREE, AESCULUS PAVIA (RED BUCKEYE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	28				28
* B2002416	TREE, MAGNOLIA SOULANGIANA (SAUCER MAGNOLIA), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	32				32
* B2006320	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	32				32
* C2011724	SHRUB, VIBURNUM DENTATUM (ARROWWOOD VIBURNUM), 2' HEIGHT, BALLED AND BURLAPPED	EACH	245				245
* C2C02936	SHRUB, FORSYTHIA X INTERMEDIA (BORDER FORSYTHIA), 3' HEIGHT, CONTAINER	EACH	250				250
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	4				4
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	24				24
* K0036118	MULCH PLACEMENT 3"	SO YD	981				981
X0322463	CONNECTION TO EXISTING SEWER	EACH	7	7			
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	2,500			2,500	
* X0327084	AUXILIARY VALVE BOX EXTENSION	FOOT	6	6			

* SPECIALTY ITEMS

X CONSTRUCTION TYPE CODE 0042

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL RTE 19 (IRVING PARK RD)

SCALE: N.T.S. SHEET 8 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	11
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-SEC-04.dgn
 PEN TABLE: penTable.tbl



USER NAME = jhorwit	DESIGNED -	REVISED - XX/XX/XXXX
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PLOT SCALE = 2.0000' / in.	CHECKED - TEH	REVISED - XX/XX/XXXX
PLOT DATE = 11/30/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL RTE 19 (IRVING PARK RD)**

SCALE: N.T.S. SHEET 9 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	12
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE			
				ROADWAY 80% FEDERAL 20% STATE 0004	LIGHTING 75% STATE ITEP 25% LOCAL 0021	100% LOCAL 004	MULTI-USE PATH 90% STATE ITEP 10% STATE 0028
* X1400238	LUMINAIRE, LED, SPECIAL	EACH	66		66		
X2010400	STUMP REMOVAL ONLY	UNIT	19				19
* X2080252	TRENCH BACKFILL, WATERMAIN	CU YD	25	25			
* X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	100	100			
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	14	14			
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2			
X4023000	TEMPORARY ACCESS (ROAD)	EACH	5	5			
X6020094	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2			
X6020298	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	7	7			
X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	8	8			
X6026057	SANITARY MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2			
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
* X8300001	LIGHT POLE (SPECIAL)	EACH	66		66		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	146	146			
Z0062456	TEMPORARY PAVEMENT	SO YD	350	350			
Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	1	1			
X Z0076600	TRAINEES	HOUR	1,000	1,000			
X Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000			

* SPECIALTY ITEMS

X CONSTRUCTION TYPE CODE 0042

EXISTING PAVEMENT THICKNESS	
LOCATION	THICKNESS
IRVING PARK ROAD (IL ROUTE 19)	
STA 107+50 TO STA 120+50	
STA 129+00 TO STA 138+00	
HOT-MIX ASPHALT	7" - 7 1/4"
PC CONCRETE	7 1/2" - 8 1/4"
STA 120+50 TO STA 129+00	
STA 138+00 TO STA 162+70.23	
HOT-MIX ASPHALT	9" - 14 3/8"

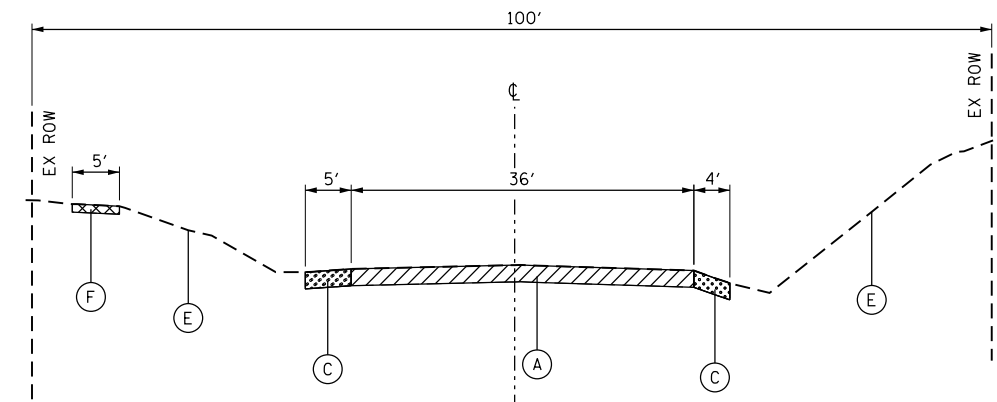
•STATIONS ARE APPROXIMATE

EXISTING TYPICAL SECTION LEGEND

- (A) PAVEMENT REMOVAL (SEE TABLE FOR DEPTHS)
- (B) SUBBASE GRANULAR MATERIAL, 3"-4" (PAID AS EARTH EXCAVATION)
- (C) AGGREGATE SHOULDERS
- (D) COMBINATION CONCRETE CURB AND GUTTER
- (E) EXISTING GROUND
- (F) PORTLAND CEMENT CONCRETE SIDEWALK

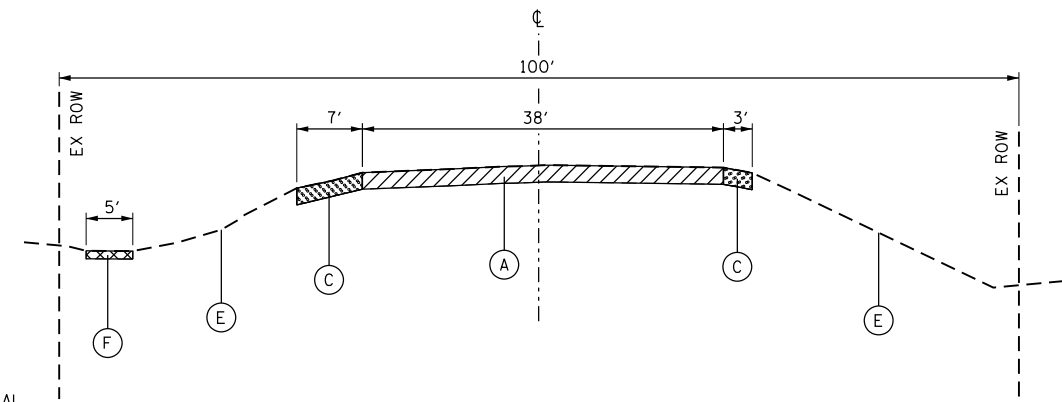
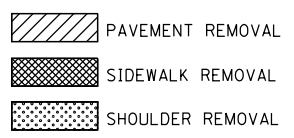
PROPOSED TYPICAL SECTION LEGEND

- ① HOT-MIX FULL DEPTH PAVEMENT 10"
- ② AGG SUBGRADE IMP 12"
- ③ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ④ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 5"
- ⑥ AGG SUBGRADE IMP (CUYD)
- ⑦ TOPSOIL FURNISH AND PLACE, 4"
- ⑧ SEEDING, CLASS 2A
- ⑨ HMA SURFACE COURSE, MIX "D", N50 IL 9.5MM; 1 1/2"
- ⑩ HMA BINDER COURSE, IL-19.0, N50; 2 1/4"
- ⑪ HMA SHOULDERS, 10"



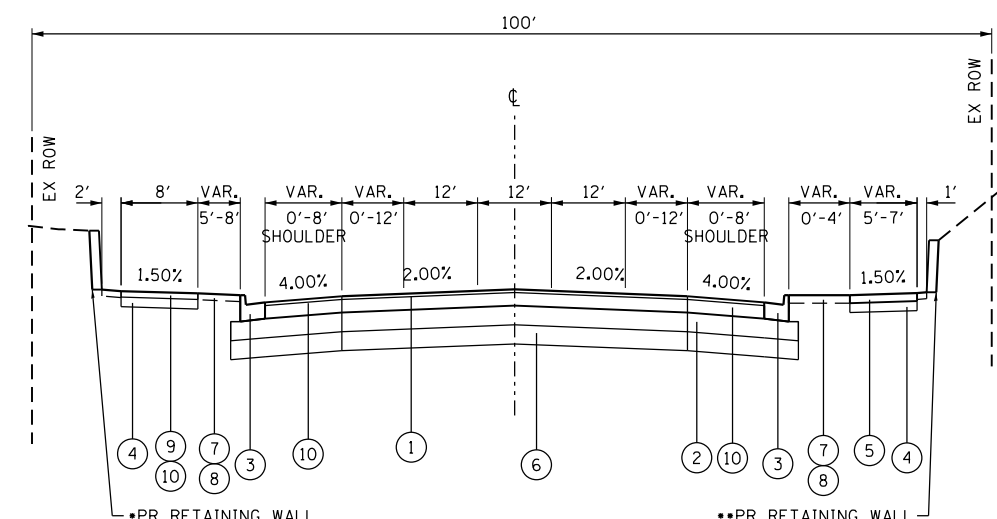
EXISTING IRVING PARK ROAD (IL ROUTE 19)

STA. 107+50 TO STA. 110+00
 STA. 114+50 TO STA. 116+50
 STA. 121+00 TO STA. 127+00
 STA. 132+00 TO STA. 134+50
 STA. 136+50 TO STA. 141+50
 STA. 157+50 TO STA. 162+70.23



EXISTING IRVING PARK ROAD (IL ROUTE 19)

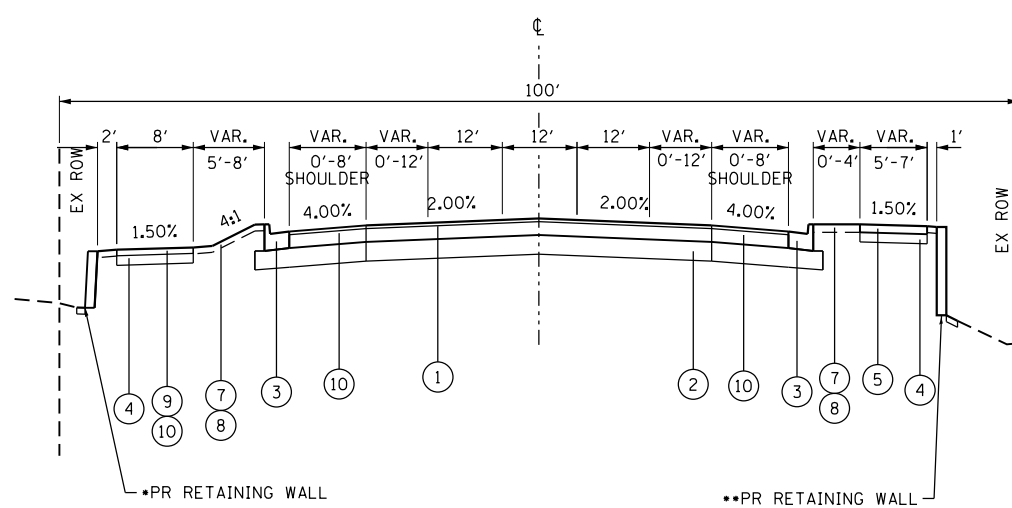
STA. 110+00 TO STA. 114+50
 STA. 116+50 TO STA. 121+00
 STA. 127+00 TO STA. 132+00
 STA. 134+50 TO STA. 136+50
 STA. 141+50 TO STA. 157+50



PROPOSED IRVING PARK ROAD (IL ROUTE 19)

•STA. 122+00 TO STA. 124+00
 •STA. 136+50 TO STA. 140+25
 STA. 107+50 TO STA. 110+00
 STA. 114+50 TO STA. 116+50
 STA. 121+00 TO STA. 127+00
 STA. 132+00 TO STA. 134+50
 STA. 136+50 TO STA. 141+50
 STA. 157+50 TO STA. 162+70.23
 ••STA. 121+50 TO STA. 125+00
 ••STA. 132+25 TO STA. 134+25
 ••STA. 162+50 TO STA. 162+70.23

LONGITUDINAL JOINT SEALANT SHALL BE PLACED BEFORE AND AFTER THE LAST LIFT OF HMA BINDER COURSE.



PROPOSED IRVING PARK ROAD (IL ROUTE 19)

•STA. 128+05 TO STA. 131+45
 •STA. 150+00 TO STA. 154+50
 STA. 110+00 TO STA. 114+50
 STA. 116+50 TO STA. 121+00
 STA. 127+00 TO STA. 132+00
 STA. 134+50 TO STA. 136+50
 STA. 141+50 TO STA. 157+50
 ••STA. 117+50 TO STA. 121+00
 ••STA. 128+00 TO STA. 129+50
 ••STA. 151+00 TO STA. 152+00

• PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT XX THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

ALL TEMPORARY PAVEMENT SHALL BE PROVIDED OVER AN IMPROVED SUBGRADE; TYPICALLY 4" SUBBASE GRANULAR MATERIAL, TYPE B OR 12" AGGREGATE SUBGRADE IMPROVEMENT AS DIRECTED BY THE DISTRICT GEOTECHNICAL ENGINEER.

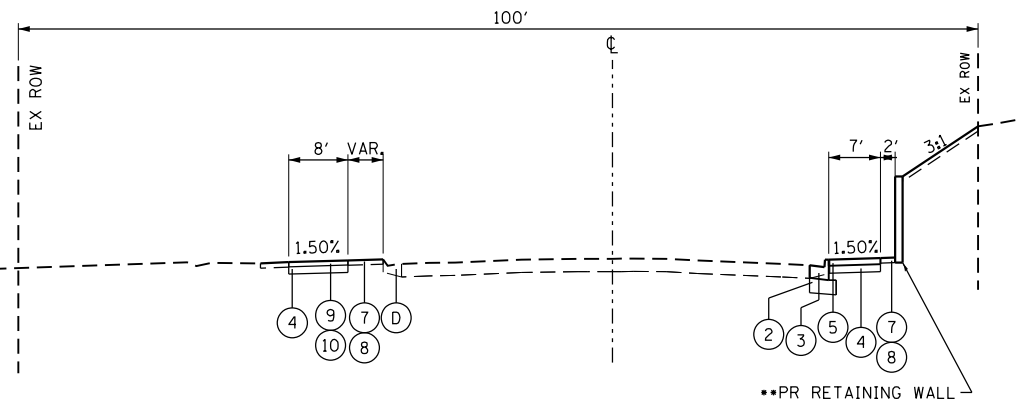
FOR QUANTITY ESTIMATION PURPOSES, EXCAVATION QUANTITIES SHOULD BE ESTIMATED ASSUMING THE THICKER DESIGN IF BOTH DESIGN OPTIONS ARE SHOWN IN THE PLANS.

• 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.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP
MIXTURE TYPE	AIR VOIDS @NDES	
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" : IL ROUTE 19 (IRVING PARK ROAD)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 2"	3.5% @ 70 GYR.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE, IL-19, N70; 8"	4% @ 70 GYR.	LR 1030-2
HOT-MIX ASPHALT SHOULDER, 10" : IL ROUTE 19 (IRVING PARK ROAD)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 2"	3.5% @ 70 GYR.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE, IL-19, N70; 8"	4% @ 70 GYR.	LR 1030-2
HMA MULTI-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 1 1/2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2 1/4"	4% @ 50 GYR.	LR 1030-2
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19); CE-8", PE-6"	4% @ 50 GYR.	LR 1030-2
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm); 1 1/2"	4% @ 70 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8"	4% @ 70 GYR.	LR 1030-2
TEMPORARY PAVEMENT (VARIABLE DEPTH)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; (VAR DEPTH)	4% @ 70 GYR.	LR 1030-2

QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE PER LR 1030-2



PROPOSED IRVING PARK ROAD (IL ROUTE 19)

STA. 162+70.23 TO STA. 165+61.92
 ••STA. 162+70.23 TO STA. 165+25

HRG PROJECT NO. 200415
 HRG PROJ. CONTACT:
 FILE NAME: 200415-SPH-Typical-06.dgn
 PEN: TABLE: 10/10/2023



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL RTE 19 (IRVING PARK RD)		1321	10-00055-02-WR	COOK	133	13
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 61K06		

ILLINOIS	FED. AID PROJECT
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SCHEDULE OF QUANTITIES - EARTHWORK

IL19	STAGE 1 (CU YD)				STAGE 2 (CU YD)				STAGE 3 (CU YD)				EARTHWORK BALANCE WASTE () OR SHORTAGE (-) WITH 15% SHRINKAGE		
	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	STAGE 1	STAGE 2
107+50.00													0.0	0.0	0.0
108+00.00	24.6	57.9	12.8	0.0	0.0	16.9	0.0	0.0	12.4	35.8	24.9	0.0	36.4	14.3	5.6
108+50.00	25.8	65.7	4.3	0.0	0.0	15.4	0.0	0.0	13.7	24.8	24.0	0.0	51.6	13.1	-2.9
108+78.73	7.5	25.4	3.2	0.0	0.0	9.0	0.0	0.0	15.8	14.7	18.0	0.0	18.4	7.7	-5.5
109+00.00	5.7	19.8	2.9	0.0	0.0	7.3	0.0	0.0	11.7	11.5	15.3	0.0	13.9	6.2	-5.6
109+50.00	26.9	70.7	4.2	0.0	0.0	17.2	0.0	0.0	27.8	29.1	41.3	0.0	56.0	14.6	-16.6
109+75.84	7.0	25.7	1.1	0.0	0.0	8.5	0.0	0.0	14.0	15.6	24.2	0.0	20.7	7.2	-10.9
110+00.00	6.4	16.0	3.4	0.0	0.0	7.8	0.0	0.0	6.3	12.5	20.5	0.0	10.2	6.7	-9.9
110+50.00	28.3	28.2	36.0	0.0	0.0	16.0	0.0	0.0	15.0	21.9	60.6	0.0	-12.0	13.6	-42.0
111+00.00	30.0	19.1	62.7	0.0	0.0	15.1	0.0	0.0	30.2	24.1	83.2	0.0	-46.5	12.8	-62.8
111+50.00	30.6	19.8	65.9	0.0	0.0	15.0	0.0	0.0	30.3	33.4	61.9	0.0	-49.1	12.8	-33.5
112+00.00	29.1	29.6	54.9	0.0	0.0	16.3	0.0	0.0	30.0	45.9	46.0	0.0	-29.7	13.9	-7.0
112+50.00	26.7	37.0	50.3	0.0	0.0	17.3	0.0	0.0	22.4	55.0	31.4	0.0	-18.8	14.7	15.4
112+77.84	15.0	23.0	29.3	0.0	0.0	9.9	0.0	0.0	4.2	46.2	3.8	0.0	-9.8	8.4	35.5
113+00.00	11.9	19.2	22.6	0.0	0.0	7.8	0.0	0.0	3.3	36.2	2.8	0.0	-6.2	6.6	27.9
113+50.00	26.1	35.7	54.6	0.0	0.0	16.5	0.0	0.0	22.5	55.2	14.9	0.0	-24.3	14.0	32.0
114+00.00	26.0	28.0	58.4	0.0	0.0	15.6	0.0	0.0	30.3	53.9	15.1	0.0	-34.7	13.2	30.7
114+50.00	26.0	27.2	50.6	0.0	0.0	15.3	0.0	0.0	29.3	64.9	8.6	0.0	-27.4	13.0	46.6
115+00.00	26.3	31.7	30.2	0.0	0.0	15.4	0.0	0.0	29.1	92.6	2.1	0.0	-3.3	13.1	76.6
115+50.00	26.8	32.7	20.2	0.0	0.0	14.5	0.0	0.0	30.1	94.2	0.8	0.0	7.6	12.4	79.2
116+00.00	27.0	31.9	22.7	0.0	0.0	13.1	0.0	0.0	30.1	63.1	2.2	0.0	4.4	11.2	51.4
116+50.00	27.2	34.2	21.2	0.0	0.0	12.3	0.0	0.0	29.9	37.9	11.3	0.0	7.8	10.5	20.9
117+00.00	27.0	28.4	28.3	0.0	0.0	11.1	0.0	0.0	29.9	26.2	45.5	0.0	-4.2	9.4	-23.2
117+50.00	26.9	18.5	39.7	0.0	0.0	10.2	0.0	0.0	29.9	22.4	90.5	0.0	-24.0	8.7	-71.4
118+00.00	26.9	15.0	53.9	0.0	0.0	10.0	0.0	0.0	30.1	21.2	84.9	0.0	-41.1	8.5	-66.9
118+50.00	27.2	14.4	74.4	0.0	0.0	10.6	0.0	0.0	30.3	22.2	62.4	0.0	-62.1	9.0	-43.5
119+00.00	27.4	15.6	82.2	0.0	0.0	12.1	0.0	0.0	24.0	25.2	56.9	0.0	-69.0	10.3	-35.4
119+50.00	27.1	17.7	91.0	0.0	0.0	13.6	0.0	0.0	17.5	29.4	45.6	0.0	-76.0	11.6	-20.5
120+00.00	26.8	16.4	106.4	0.0	0.0	14.4	0.0	0.0	16.9	36.3	37.8	0.0	-92.5	12.2	-6.9
120+50.00	26.3	17.5	76.2	0.0	0.0	14.5	0.0	0.0	16.4	37.8	30.6	0.0	-61.3	12.4	1.5
121+00.00	25.6	35.0	23.7	0.0	0.0	14.8	0.0	0.0	19.5	49.3	20.7	0.0	6.0	12.6	21.1
121+14.65	7.4	15.1	2.1	0.0	0.0	4.5	0.0	0.0	3.3	17.5	2.0	0.0	10.7	3.8	12.9
121+50.00	17.9	48.0	3.5	0.0	0.0	12.0	0.0	0.0	9.1	43.7	2.7	0.0	37.3	10.2	34.5
122+00.00	24.6	103.9	1.4	0.0	0.0	18.1	0.0	0.0	25.6	87.3	7.6	0.0	86.9	15.3	66.6
122+50.00	21.1	118.8	1.1	0.0	0.0	17.3	0.0	0.0	25.4	103.1	7.6	0.0	99.9	14.7	80.0
123+00.00	18.2	114.9	2.1	0.0	0.0	17.7	0.0	0.0	25.0	79.2	9.8	0.0	95.5	15.0	57.5
123+50.00	20.1	105.3	4.3	0.0	0.0	18.4	0.0	0.0	24.4	70.1	10.9	0.0	85.2	15.7	48.7
124+00.00	21.7	87.6	3.6	0.0	0.0	17.7	0.0	0.0	23.5	76.9	10.6	0.0	70.8	15.0	54.8
124+50.00	21.2	73.3	1.4	0.0	0.0	16.7	0.0	0.0	22.9	73.7	11.3	0.0	60.9	14.2	51.4
125+00.00	20.7	56.3	3.7	0.0	0.0	16.2	0.0	0.0	22.4	70.8	9.2	0.0	44.1	13.8	51.0
125+50.00	20.3	43.2	9.5	0.0	0.0	15.6	0.0	0.0	22.1	64.6	6.9	0.0	27.2	13.2	48.0
126+00.00	19.9	36.0	22.5	0.0	0.0	14.9	0.0	0.0	22.4	59.8	13.1	0.0	8.1	12.7	37.7
126+50.00	15.2	43.4	16.6	0.0	0.0	14.5	0.0	0.0	17.4	50.6	13.6	0.0	20.3	12.4	29.4
126+64.58	1.5	17.6	0.3	0.0	0.0	4.2	0.0	0.0	1.8	13.7	1.2	0.0	14.7	3.6	10.5
127+00.00	0.0	49.2	0.0	0.0	0.0	10.6	0.0	0.0	8.1	37.6	7.6	0.0	41.8	9.0	24.3
127+50.00	8.7	55.6	10.9	0.0	0.0	16.2	0.0	0.0	23.2	55.9	34.4	0.0	36.4	13.8	13.2
128+00.00	17.2	34.7	35.8	0.0	0.0	16.2	0.0	0.0	24.0	56.8	32.5	0.0	-6.3	13.8	15.7
128+50.00	18.1	25.2	67.3	0.0	0.0	14.5	0.0	0.0	25.1	52.0	38.9	0.0	-45.9	12.4	5.3
128+80.50	5.9	14.3	47.4	0.0	0.0	8.5	0.0	0.0	7.9	26.5	39.9	0.0	-35.2	7.2	-17.4
129+00.00	4.0	10.0	26.1	0.0	0.0	5.6	0.0	0.0	5.2	16.0	29.9	0.0	-17.6	4.8	-16.3

HRG PROJECT NO. 200415
 HRG PROJ. CONTACT:
 FILE NAME: 200415-SPT-Schedule-01.dgn
 PLOT DATE: 11/15/2023
 PEN TABLE: plotTable.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES IL RTE 19 (IRVING PARK RD)		
SCALE: N.T.S.	SHEET 1 OF 3 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	14
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES - EARTHWORK

IL19	STAGE 1 (CU YD)				STAGE 2 (CU YD)				STAGE 3 (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) WITH 15% SHRINKAGE		
	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	STAGE 1	STAGE 2
129+50.00	21.4	28.1	52.5	0.0	0.0	15.0	0.0	0.0	27.0	42.9	74.9	0.0	-28.7	12.8	-38.5
130+00.00	23.1	30.2	40.9	0.0	0.0	15.6	0.0	0.0	27.9	42.5	69.7	0.0	-15.3	13.2	-33.6
130+50.00	25.1	28.1	50.1	0.0	0.0	15.7	0.0	0.0	28.9	39.4	73.8	0.0	-26.2	13.4	-40.3
131+00.00	28.3	29.0	56.5	0.0	0.0	15.6	0.0	0.0	29.6	41.1	64.0	0.0	-31.8	13.2	-29.0
131+50.00	30.9	33.2	42.5	0.0	0.0	15.8	0.0	0.0	30.1	43.3	47.3	0.0	-14.2	13.5	-10.5
132+00.00	32.0	67.0	16.1	0.0	0.0	16.9	0.0	0.0	30.4	50.1	25.4	0.0	40.9	14.4	17.2
132+50.00	38.1	141.4	3.0	0.0	0.0	17.7	0.0	0.0	30.6	76.9	9.4	0.0	117.2	15.0	56.0
133+00.00	44.3	208.6	5.6	0.0	0.0	17.3	0.0	0.0	30.8	103.7	10.2	0.0	171.8	14.7	78.0
133+50.00	43.2	222.4	5.5	0.0	0.0	16.7	0.0	0.0	30.8	113.9	10.3	0.0	183.6	14.2	86.5
134+00.00	32.2	146.2	2.8	0.0	0.0	16.1	0.0	0.0	30.8	100.7	10.4	0.0	121.5	13.7	75.3
134+50.00	20.9	62.8	4.5	0.0	0.0	16.1	0.0	0.0	30.3	59.3	17.1	0.0	48.8	13.7	33.2
135+00.00	9.4	50.0	4.6	0.0	0.0	16.2	0.0	0.0	14.9	29.5	14.4	0.0	37.9	13.8	10.7
135+50.00	8.8	48.7	7.9	0.0	0.0	15.9	0.0	0.0	14.1	25.6	22.6	0.0	33.5	13.5	-0.8
136+00.00	21.3	34.8	22.3	0.0	0.0	15.5	0.0	0.0	28.2	24.1	79.2	0.0	7.3	13.1	-58.7
136+50.00	29.0	41.1	16.6	0.0	0.0	15.8	0.0	0.0	28.1	24.4	106.9	0.0	18.4	13.5	-86.1
137+00.00	33.1	75.0	3.6	0.0	0.0	17.0	0.0	0.0	27.7	28.3	67.0	0.0	60.1	14.5	-43.0
137+50.00	29.6	120.3	3.1	0.0	0.0	17.6	0.0	0.0	27.8	34.9	31.8	0.0	99.2	15.0	-2.1
138+00.00	27.0	132.9	3.1	0.0	0.0	17.9	0.0	0.0	26.9	42.2	20.7	0.0	109.9	15.2	15.1
138+26.96	15.5	63.1	1.7	0.0	0.0	9.8	0.0	0.0	6.9	23.6	4.7	0.0	51.9	8.4	15.4
138+50.00	13.7	50.3	1.5	0.0	0.0	8.4	0.0	0.0	11.7	21.7	9.5	0.0	41.3	7.2	8.9
139+00.00	75.0	107.3	3.1	44.6	17.6	17.3	0.0	17.6	115.2	43.6	33.2	69.2	88.1	14.7	3.8
139+50.00	119.1	114.1	3.1	89.3	35.2	15.3	0.0	35.2	174.5	37.1	22.5	137.7	93.8	13.0	9.1
140+00.00	117.4	118.9	3.1	89.3	35.2	14.1	0.0	35.2	165.6	30.5	25.2	136.8	97.9	12.0	0.7
140+50.00	115.7	93.8	3.2	89.3	35.2	13.6	0.0	35.2	160.5	19.9	33.8	136.9	76.5	11.6	-16.9
141+00.00	113.3	59.6	4.9	89.3	35.2	14.6	0.0	35.2	168.0	28.5	21.7	151.8	45.8	12.4	2.6
141+23.52	52.7	22.6	3.6	42.0	16.6	7.8	0.0	16.6	76.4	30.7	6.0	73.9	15.6	6.6	20.1
141+50.00	59.5	18.7	6.9	47.3	18.6	8.9	0.0	18.6	77.2	38.2	4.9	75.8	9.0	7.6	27.6
142+00.00	66.5	21.5	28.6	44.7	17.6	16.7	0.0	17.6	84.9	42.1	30.6	69.1	-10.4	14.2	5.3
142+50.00	23.2	16.1	48.8	0.0	0.0	16.2	0.0	0.0	26.7	32.9	58.4	0.0	-35.1	13.8	-30.5
143+00.00	26.9	17.2	78.5	0.0	0.0	15.7	0.0	0.0	27.7	34.0	50.4	0.0	-63.9	13.4	-21.5
143+50.00	27.2	20.4	97.9	0.0	0.0	15.1	0.0	0.0	27.8	34.4	38.9	0.0	-80.6	12.8	-9.7
144+00.00	26.5	21.0	89.0	0.0	0.0	14.0	0.0	0.0	27.1	35.9	30.8	0.0	-71.1	11.9	-0.3
144+30.49	7.9	11.0	44.5	0.0	0.0	8.2	0.0	0.0	16.1	23.7	17.3	0.0	-35.1	7.0	2.8
144+50.00	4.2	5.8	27.8	0.0	0.0	5.1	0.0	0.0	10.0	15.8	11.3	0.0	-22.9	4.3	2.1
145+00.00	22.5	18.1	79.4	0.0	0.0	13.1	0.0	0.0	25.9	37.9	39.5	0.0	-63.9	11.1	-7.3
145+50.00	28.5	22.6	94.8	0.0	0.0	12.9	0.0	0.0	26.1	33.0	47.0	0.0	-75.6	10.9	-19.0
146+00.00	28.1	23.4	86.6	0.0	0.0	12.0	0.0	0.0	25.8	27.6	35.7	0.0	-66.7	10.2	-12.3
146+50.00	23.0	25.8	56.8	0.0	0.0	11.5	0.0	0.0	21.9	25.6	21.6	0.0	-34.8	9.8	0.2
147+00.00	11.5	31.4	36.2	0.0	0.0	12.3	0.0	0.0	16.0	30.9	15.8	0.0	-9.5	10.5	10.5
147+50.00	11.8	35.9	15.0	0.0	0.0	13.3	0.0	0.0	14.7	42.4	11.7	0.0	15.5	11.3	24.4
147+75.72	11.1	21.0	5.7	0.0	0.0	7.0	1.0	0.0	7.2	26.3	8.2	0.0	12.2	5.0	14.2
148+00.00	8.4	19.6	4.8	0.0	0.0	6.7	0.9	0.0	6.0	24.3	8.3	0.0	11.9	4.8	12.4
148+50.00	17.3	43.7	4.7	0.0	0.0	14.2	0.0	0.0	9.7	52.5	6.3	0.0	32.4	12.0	38.3
149+00.00	17.1	47.0	5.8	0.0	0.0	15.2	0.6	0.0	3.8	76.1	13.1	0.0	34.1	12.3	51.5
149+50.00	16.5	39.3	14.4	0.0	0.0	16.2	0.6	0.0	9.8	71.6	17.9	0.0	19.0	13.1	43.0
150+00.00	18.4	33.9	28.4	0.0	0.0	15.7	0.0	0.0	18.8	46.5	17.7	0.0	0.4	13.4	21.8
150+50.00	18.6	32.5	39.4	0.0	0.0	14.8	0.0	0.0	20.4	44.6	34.5	0.0	-11.7	12.6	3.4
151+00.00	19.0	32.0	62.7	0.0	0.0	14.8	0.0	0.0	22.5	50.2	40.3	0.0	-35.5	12.6	2.4
151+50.00	19.4	30.6	99.7	0.0	0.0	14.4	0.0	0.0	22.8	54.7	39.8	0.0	-73.8	12.3	6.7
152+00.00	19.4	30.6	107.7	0.0	0.0	14.4	0.0	0.0	22.6	56.2	41.5	0.0	-81.7	12.2	6.3

HRG PROJECT NO. 200415
 HRG PROJ. CONTACT
 FILE NAME: 200415-SPT-Schedule-01.dgn
 PEN TABLE: 10-00055-02-WR



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES IL RTE 19 (IRVING PARK RD)	
SCALE: N.T.S.	SHEET 2 OF 3 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	15
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES - EARTHWORK

IL19	STAGE 1 (CU YD)				STAGE 2 (CU YD)				STAGE 3 (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) WITH 15% SHRINKAGE		
	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	STAGE 1	STAGE 2
152+25.69	10.0	17.3	48.4	0.0	0.0	8.0	0.0	0.0	5.8	29.7	9.9	0.0	-33.7	6.8	15.3
152+50.00	9.8	17.7	43.3	0.0	0.0	8.1	0.0	0.0	5.3	29.2	10.6	0.0	-28.2	6.9	14.2
153+00.00	20.6	39.4	77.1	0.0	0.0	17.7	0.0	0.0	22.2	64.0	29.1	0.0	-43.7	15.0	25.3
153+50.00	20.5	40.6	55.9	0.0	0.0	17.8	0.0	0.0	23.3	62.5	14.9	0.0	-21.5	15.1	38.2
154+00.00	20.1	43.0	30.9	0.0	0.0	17.7	0.0	0.0	11.9	59.5	7.6	0.0	5.6	15.0	43.0
154+50.00	16.3	54.7	11.1	0.0	0.0	18.2	0.0	0.0	11.9	60.7	8.7	0.0	35.4	15.5	42.9
154+83.75	4.3	51.1	1.8	0.0	0.0	12.0	0.0	0.0	16.2	43.1	9.8	0.0	41.6	10.2	26.9
155+50.00	9.8	91.3	5.0	0.0	0.0	21.7	0.0	0.0	31.3	82.8	15.3	0.0	72.6	18.5	55.1
156+00.00	15.0	48.0	11.7	0.0	0.0	15.0	0.0	0.0	23.7	58.9	11.5	0.0	29.1	12.8	38.6
156+50.00	14.6	46.7	12.7	0.0	0.0	14.9	0.0	0.0	23.9	56.8	11.5	0.0	27.0	12.7	36.8
157+00.00	14.4	52.2	7.1	0.0	0.0	16.0	0.0	0.0	23.3	59.1	11.3	0.0	37.3	13.6	38.9
157+50.00	14.6	61.4	3.4	0.0	0.0	17.5	0.0	0.0	23.2	60.4	14.8	0.0	48.8	14.9	36.5
157+90.12	11.6	48.1	2.8	0.0	0.0	13.8	0.0	0.0	9.4	44.4	7.5	0.0	38.1	11.7	30.3
158+50.00	17.3	68.3	5.4	0.0	0.0	20.5	0.0	0.0	13.9	76.1	4.4	0.0	52.6	17.4	60.2
159+00.00	14.6	58.1	4.7	0.0	0.0	17.9	0.0	0.0	23.1	72.2	8.3	0.0	44.7	15.2	53.1
159+50.00	12.9	54.1	4.9	0.0	0.0	17.6	0.0	0.0	23.1	66.9	11.3	0.0	41.1	15.0	45.5
160+00.00	12.8	51.4	6.5	0.0	0.0	18.1	0.0	0.0	23.1	62.7	16.4	0.0	37.2	15.3	36.9
160+50.00	14.1	56.9	5.8	0.0	0.0	19.2	0.0	0.0	22.3	62.0	26.5	0.0	42.5	16.3	26.3
161+16.86	19.1	79.9	5.4	0.0	0.0	25.4	0.0	0.0	14.5	72.1	27.9	0.0	62.4	21.6	33.4
161+50.00	9.7	34.7	4.2	0.0	0.0	12.1	0.0	0.0	6.9	34.1	24.9	0.0	25.4	10.3	4.1
162+00.00	16.3	48.7	6.9	0.0	0.0	18.4	0.0	0.0	21.8	62.6	41.6	0.0	34.5	15.7	11.6
162+50.00	16.2	51.9	6.7	0.0	0.0	19.1	0.0	0.0	22.8	82.3	8.1	0.0	37.4	16.2	61.8
163+00.00	7.1	33.6	4.3	0.0	0.0	9.8	0.0	0.0	11.5	93.3	0.0	0.0	24.3	8.3	79.3
163+50.00	0.0	13.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	82.3	0.3	0.0	10.4	0.0	69.7
164+00.00	0.0	14.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	78.2	0.3	0.0	11.3	0.0	66.2
164+50.00	0.0	14.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	71.3	1.2	0.0	10.5	0.0	59.4
165+00.00	0.0	14.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	53.7	1.4	0.0	9.7	0.0	44.3
165+50.00	0.0	12.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	0.2	0.0	8.6	0.0	19.6
TOTALS	2960.6	5876.5	3350.9	535.7	211.1	1733.0	3.1	211.1	3351.6	6014.4	3165.8	851.0	1644.1	1469.9	1946.5

EARTHWORK SUMMARY

ITEM NO.	CODE	DESCRIPTION	CROSS SECTION BASED	
			IL RTE 19	TOTAL
1	20200100	EARTH EXCAVATION	13,623.9	13,623.9
2	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	6,523.3	6,523.3
3	20400800	FURNISHED EXCAVATION	0.0	0.0
4	30300001	AGGREGATE SUBGRADE IMPROVEMENT	1,597.8	1,597.8

HRG PROJECT NO: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-sqr-schedule-01.dgn
 PLOT DATE: 11/15/2023
 PEN TABLE: p101tbl.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

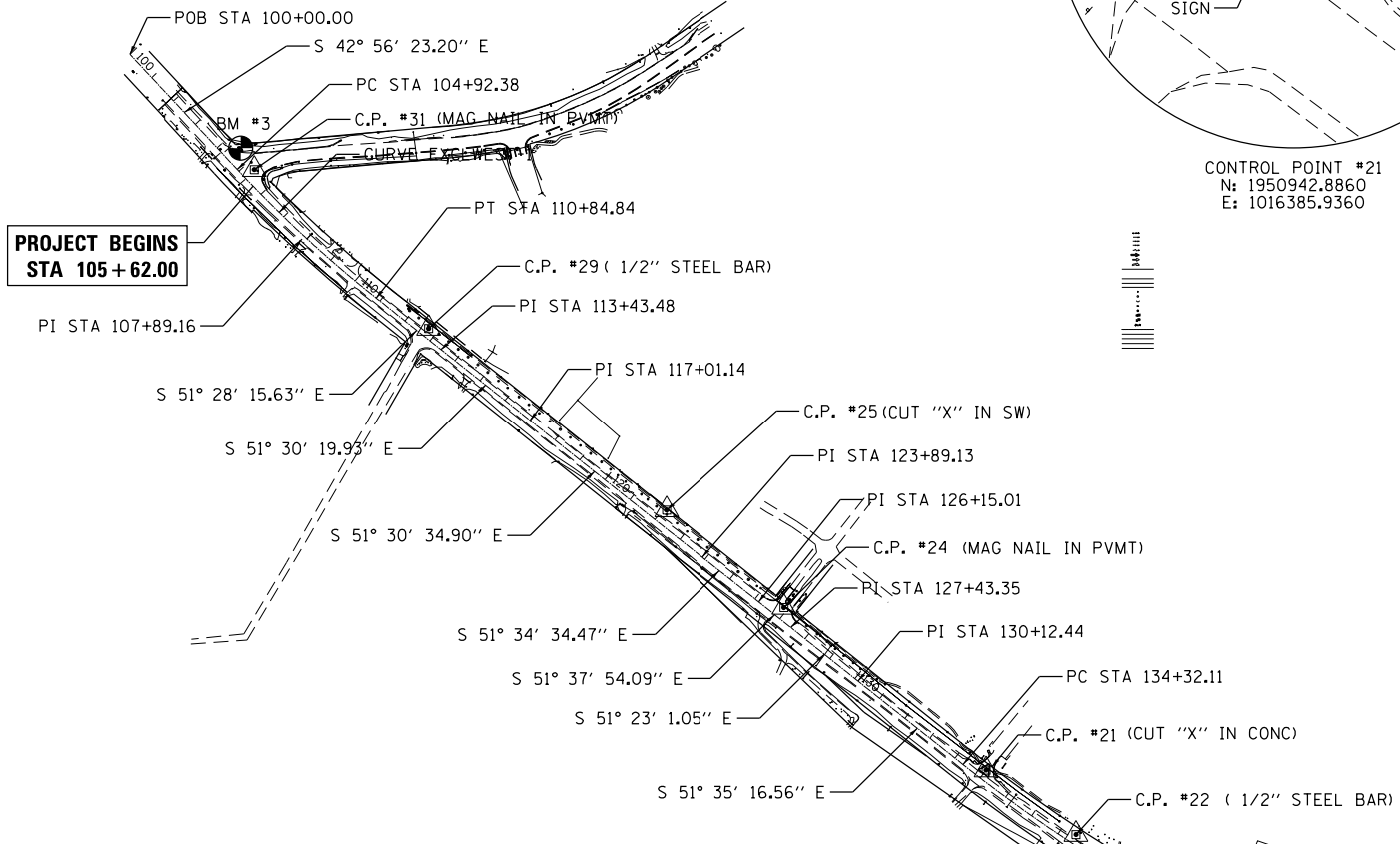
SCHEDULE OF QUANTITIES
IL RTE 19 (IRVING PARK RD)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	16
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

EXIST. CURVE EXCLWEST-1
 PI STA. = 107+89.16
 $\Delta = 8^\circ 31' 52''$ (LT)
 $D = 1^\circ 26' 24''$
 $R = 3,979.00'$
 $T = 296.78'$
 $L = 592.47'$
 $E = 11.05'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 104+92.38$
 $P.T. STA. = 110+84.84$

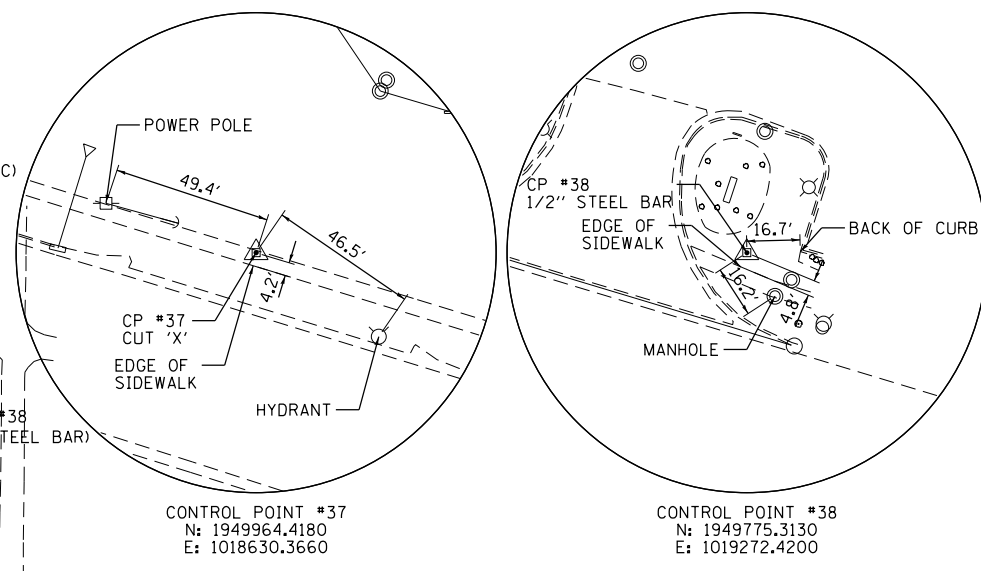
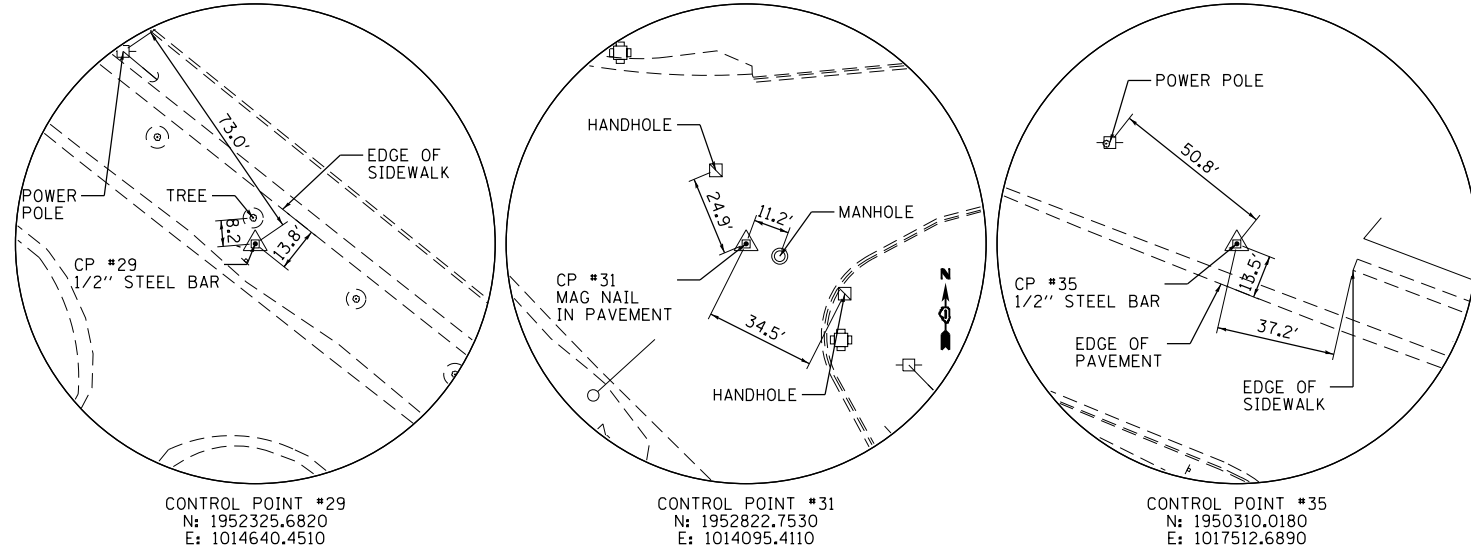
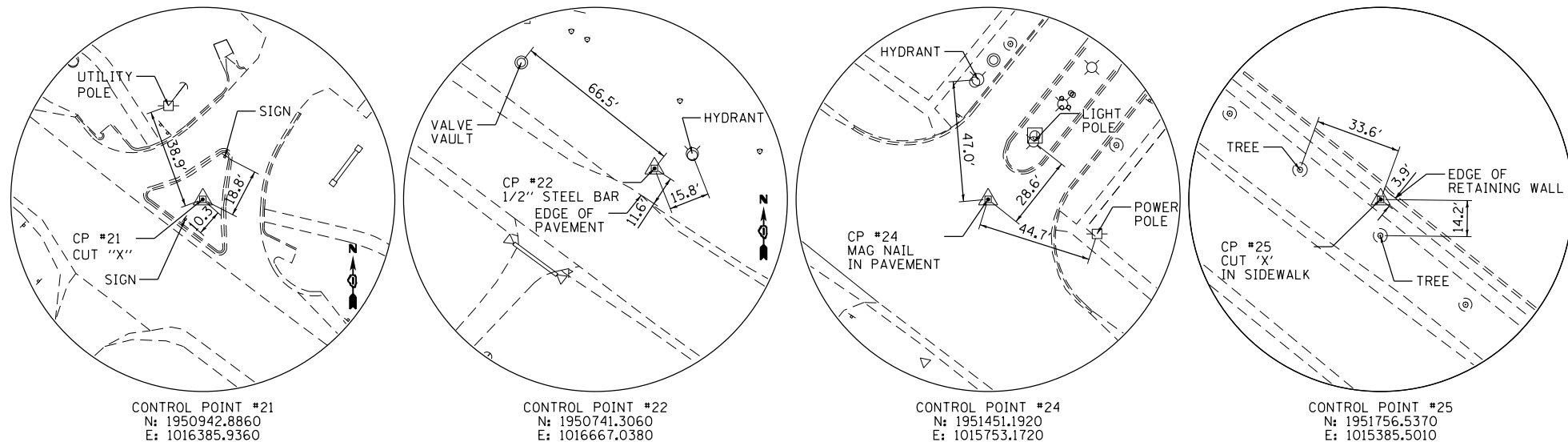
EXIST. CURVE EXCLWEST-2
 PI STA. = 142+48.94
 $\Delta = 20^\circ 05' 59''$ (LT)
 $D = 1^\circ 14' 35''$
 $R = 4,609.00'$
 $T = 816.83'$
 $L = 1,616.88'$
 $E = 71.82'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 134+32.11$
 $P.T. STA. = 150+48.99$



ALIGNMENT COORDINATES - IL ROUTE 19 (IRVING PARK ROAD)			
	STATION	N	E
POB	100+00.00	1953183.7064	1013706.6156
PC	104+92.38	1952823.2501	1014042.0388
PI	107+89.16	1952605.9855	1014244.2148
PT	110+84.84	1952421.1174	1014476.3847
PI	113+43.48	1952260.0126	1014678.7109
PI	117+01.14	1952037.3891	1014958.6426
PI	123+89.13	1951609.1994	1015497.1377
PI	126+15.01	1951468.8154	1015674.1074
PI	127+43.35	1951389.1530	1015774.7308
PI	130+12.44	1951221.2150	1015984.9798
PC	134+32.11	1950960.4686	1016313.8175
PI	142+48.94	1950452.9602	1016953.8568
PT	150+48.99	1950196.3156	1017729.3235
PI	151+72.73	1950157.4350	1017846.8036
PI	154+49.88	1950073.8315	1018111.0343
PI	155+47.71	1950044.6866	1018204.4226
PI	158+89.72	1949943.9052	1018531.2457
PI	162+70.23	1949831.7621	1018894.8557
PI	164+00.28	1949794.3100	1019019.3986
POT	166+76.89	1949713.2090	1019283.8520

BENCHMARKS

- VILLAGE OF STREAMWOOD MONUMENT #5, ALUMINUM DISK IN CONCRETE BEHIND THE CURB AT THE SOUTHEAST END OF GREY FOX COURT. ELEVATION=799.92 NAVD88
- NORTHMOST TOP FLANGE BOLT ON THE FIRST HYDRANT EAST OF WILDFLOWER WAY AND ON THE NORTH SIDE OF IRVING PARK ROAD. ELEVATION=799.04 NAVD88
- CUT SQUARE IN SOUTHWEST CORNER OF CONCRETE BASE FOR TRAFFIC CONTROLLER LOCATED AT THE NORTHWEST CORNER OF SCHAUMBURG ROAD AND IRVING PARK ROAD. ELEVATION=833.68 NAVD88



**PROJECT ENDS
 STA 166 + 50.00**

HRG PROJECT NO. 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SPT-A15-0.dgn
 PEN TABLE: 10/10/2023



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 600.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 IL RTE 19 (IRVING PARK RD)**

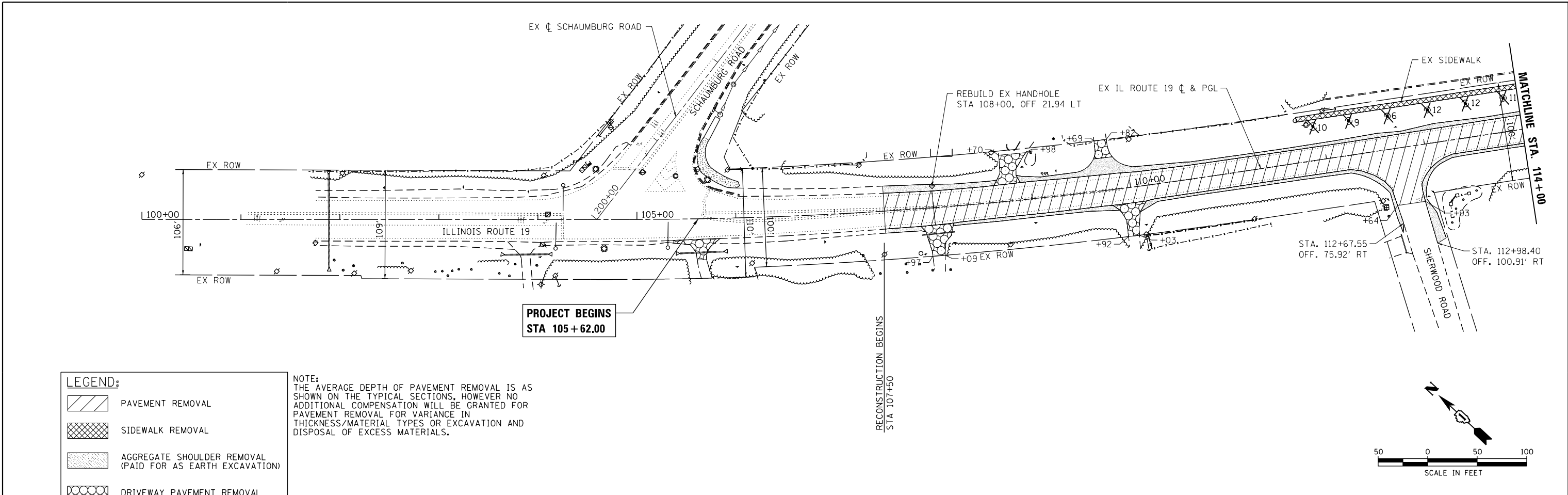
SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	17
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	NO. _____	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	NO. _____	
	NO. _____	

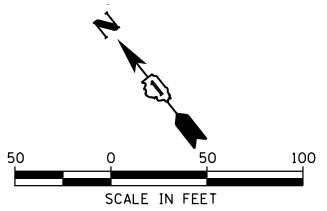
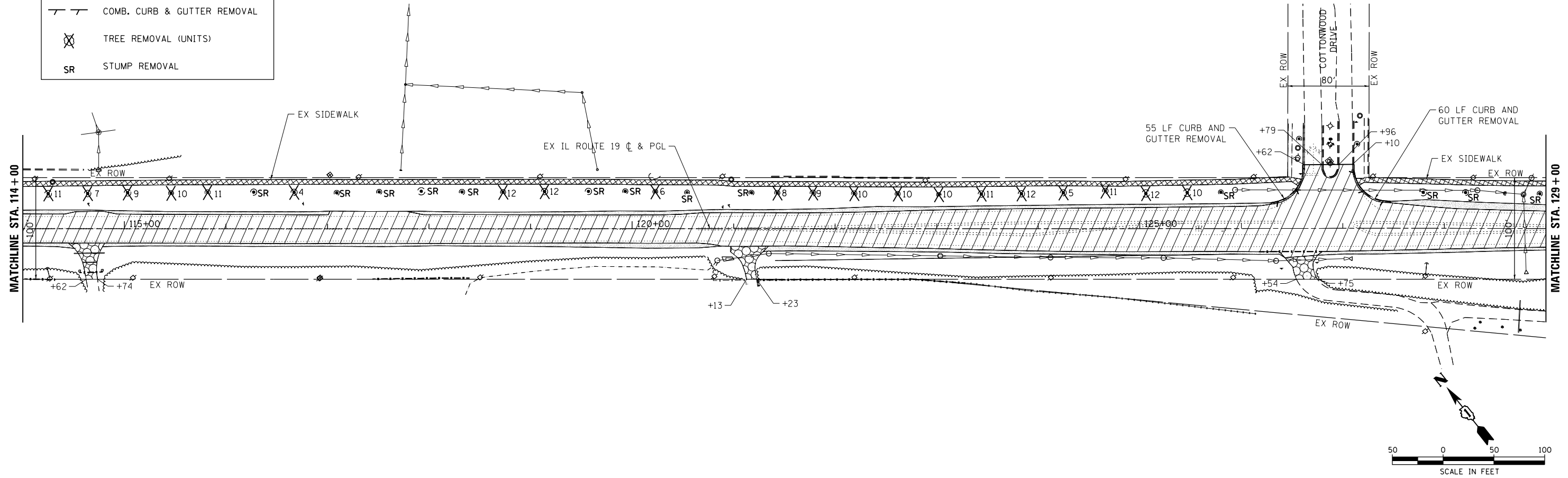
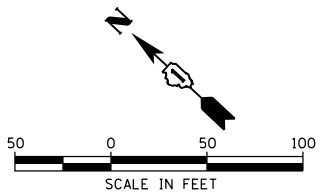
HRG PROJECT NO. 20045
 HRG PROJ. CONT. ACT.
 FILE NAME: 20045-SR+rem-01.dgn
 PEN TABLE: 1/15/2023



LEGEND:

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
- DRIVEWAY PAVEMENT REMOVAL
- COMB. CURB & GUTTER REMOVAL
- TREE REMOVAL (UNITS)
- STUMP REMOVAL

NOTE:
 THE AVERAGE DEPTH OF PAVEMENT REMOVAL IS AS SHOWN ON THE TYPICAL SECTIONS, HOWEVER NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR PAVEMENT REMOVAL FOR VARIANCE IN THICKNESS/MATERIAL TYPES OR EXCAVATION AND DISPOSAL OF EXCESS MATERIALS.

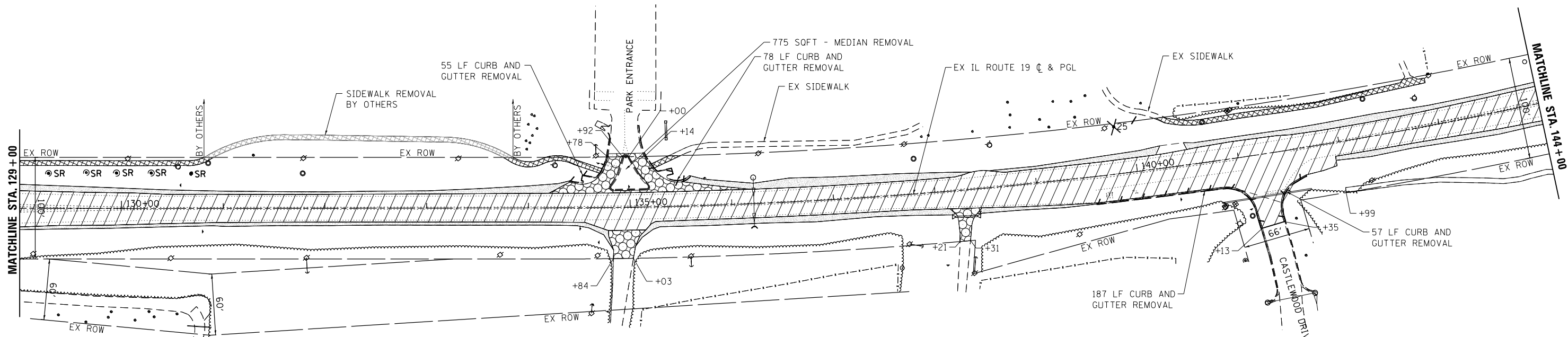


HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = jhorwit	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN IL RTE 19 (IRVING PARK RD)	F.A. RTE. 1321	SECTION 10-00055-02-WR	COUNTY COOK	TOTAL SHEETS 133	SHEET NO. 18
	PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -			SCALE: 1"=50'	SHEET 1 OF 3 SHEETS	STA. 105+62.00 TO STA. 129+00	CONTRACT NO. 61K06	
	PLOT DATE = 11/15/2023	DATE -	REVISED -							

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	DATE _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	DATE _____	

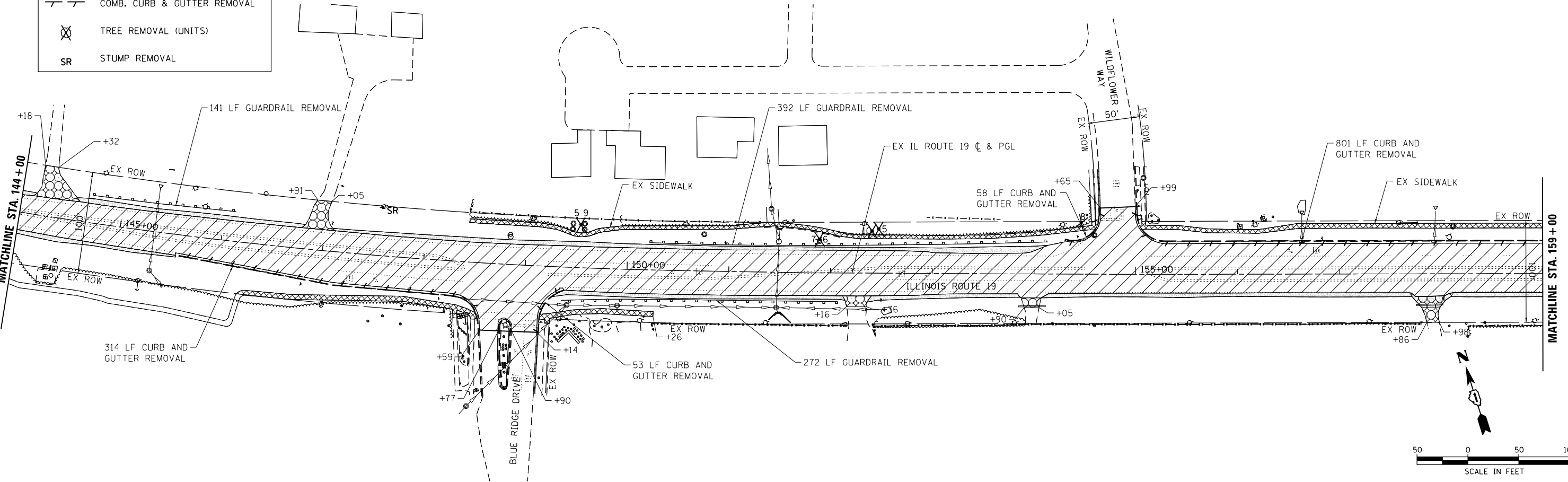
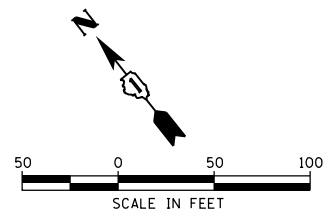
HRG PROJECT NO. 20045
 HRG PROJ. CONT. ACT.
 FILE NAME: 20045-SPT-FRM-02.dgn
 PEN TABLE: 10/16/2021



LEGEND:

	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
	DRIVEWAY PAVEMENT REMOVAL
	COMB. CURB & GUTTER REMOVAL
	TREE REMOVAL (UNITS)
SR	STUMP REMOVAL

NOTE:
 THE AVERAGE DEPTH OF PAVEMENT REMOVAL IS AS SHOWN ON THE TYPICAL SECTIONS, HOWEVER NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR PAVEMENT REMOVAL FOR VARIANCE IN THICKNESS/MATERIAL TYPES OR EXCAVATION AND DISPOSAL OF EXCESS MATERIALS.



USER NAME = jhorwit	DESIGNED -	REVISED -
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PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

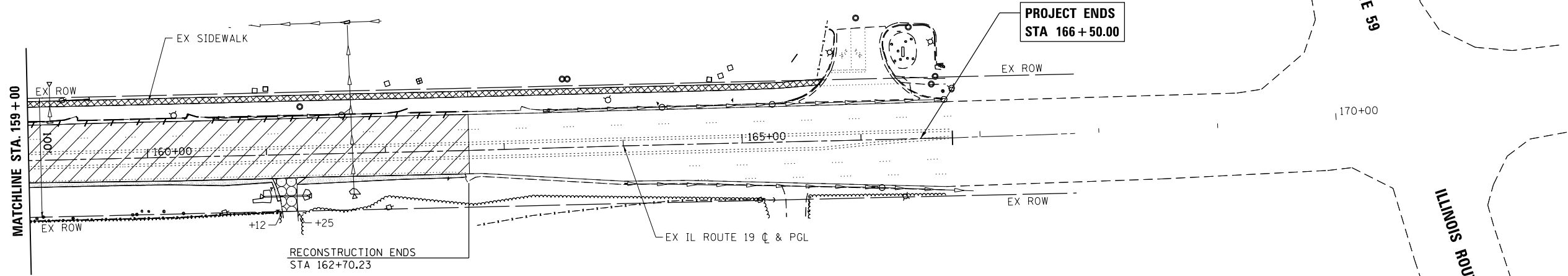
REMOVAL PLAN		
IL RTE 19 (IRVING PARK RD)		
SCALE: 1"=50'	SHEET 2 OF 3 SHEETS	STA. 129+00 TO STA. 159+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	19
				CONTRACT NO. 61K06
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	
	PEN TABLE	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
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	PEN TABLE	

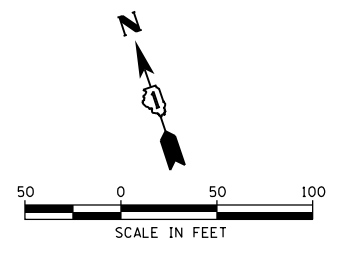
HRG PROJECT NO.: 20045
 HRG PROJ. CONT. ACT:
 FILE NAME: 20045-SPT-FRM-03.dgn
 PEN TABLE: 10/10/2023



LEGEND:

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
- DRIVEWAY PAVEMENT REMOVAL
- COMB. CURB & GUTTER REMOVAL
- TREE REMOVAL (UNITS)
- SR** STUMP REMOVAL

NOTE:
 THE AVERAGE DEPTH OF PAVEMENT REMOVAL IS AS SHOWN ON THE TYPICAL SECTIONS, HOWEVER NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR PAVEMENT REMOVAL FOR VARIANCE IN THICKNESS/MATERIAL TYPES OR EXCAVATION AND DISPOSAL OF EXCESS MATERIALS.



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PLOT DATE = 11/15/2023	DATE -	REVISED -

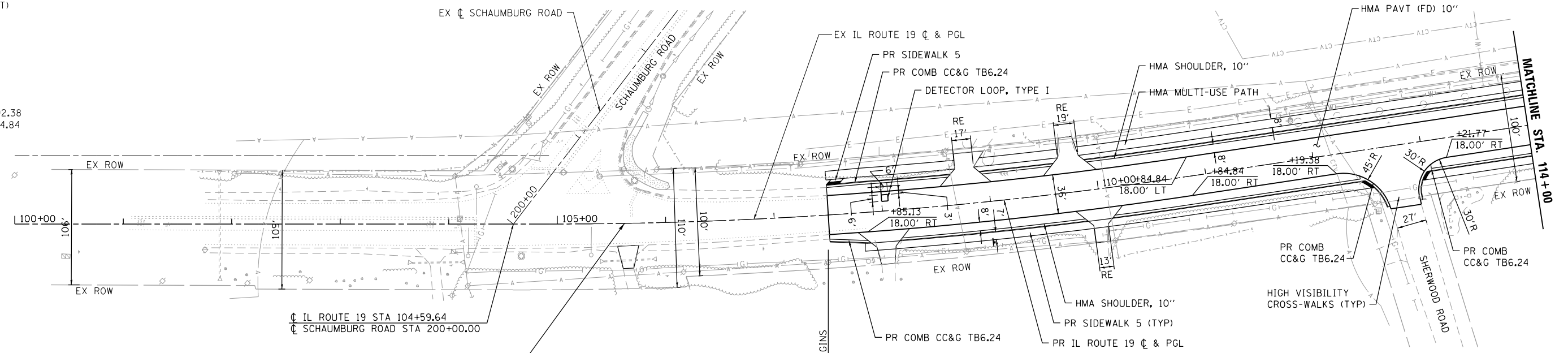
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN	
IL RTE 19 (IRVING PARK RD)	
SCALE: 1"=50'	SHEET 3 OF 3 SHEETS
STA. 159+00	TO STA. 166+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	20
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PI STA. = 107+89.16
 Δ = 8° 31' 52" (LT)
D = 1° 26' 24"
R = 3,979.00'
T = 296.78'
L = 592.47'
E = 11.05'
e = 2.20"
T.R. = 51.0
S.E. RUN = 61.25
P.C. STA. = 104+92.38
P.T. STA. = 110+84.84

DATE	BY
PLAN	SURVEYED
	NOTED
	PLOTTED
	CHECKED
	CHECKED
	CHECKED
	CHECKED
	CHECKED
	CHECKED
	CHECKED



☐ IL ROUTE 19 STA 104+59.64
☐ SCHAUBURG ROAD STA 200+00.00

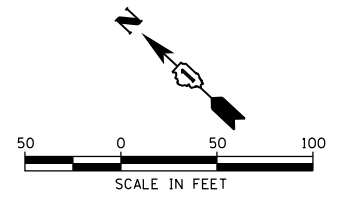
**PROJECT BEGINS
STA 105+62.00**

RECONSTRUCTION BEGINS
STA 107+50

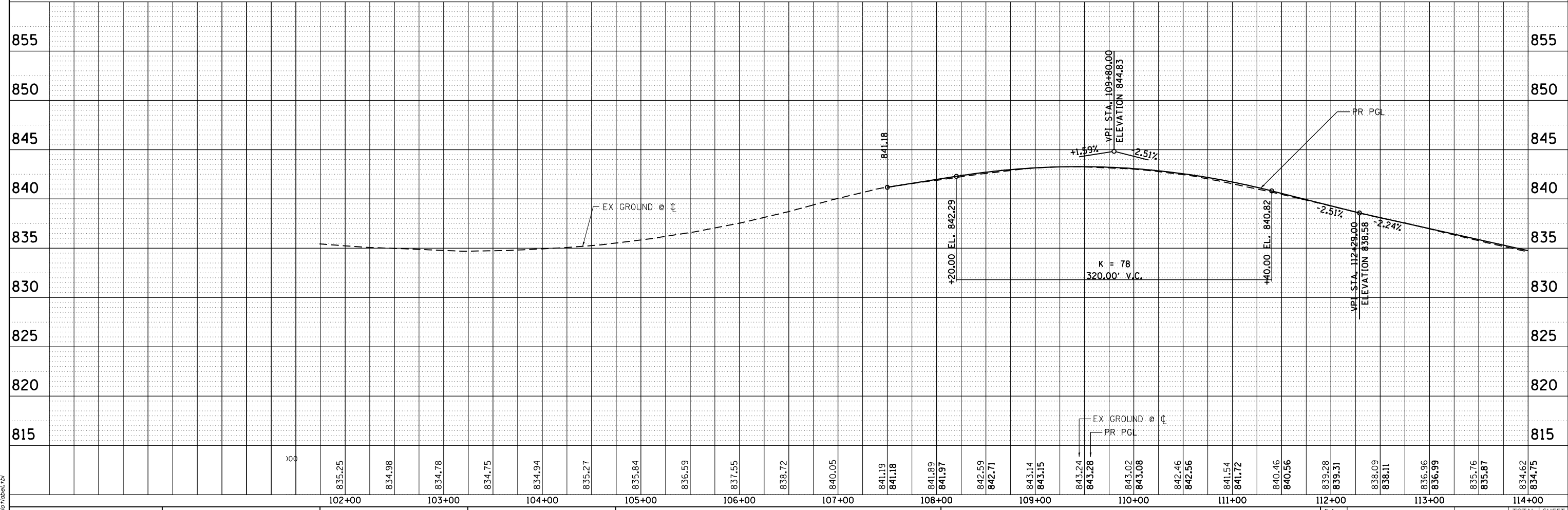
HMA PAVEMENT (FD) 10"
POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX"E", N70; 2"
HMA BASE COURSE, IL-19, N70, 8"

HMA SHOULDER 10"
POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX"E", N70; 2"
HMA BASE COURSE, IL-19, N70, 8"

PR COMB CC&G TB6.24
HIGH VISIBILITY CROSS-WALKS (TYP)
PR COMB CC&G TB6.24



DATE	BY
PROFILE	SURVEYED
	NOTED
	PLOTTED
	CHECKED
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	CHECKED
	CHECKED
	CHECKED
	CHECKED
	CHECKED



HRG PROJECT No. 20045
HRG PROJ. CONTACT:
FILE NAME: 20045-SPT-P1P-01.dgn
PEN TABLE: p1p01tbl.tbl

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PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

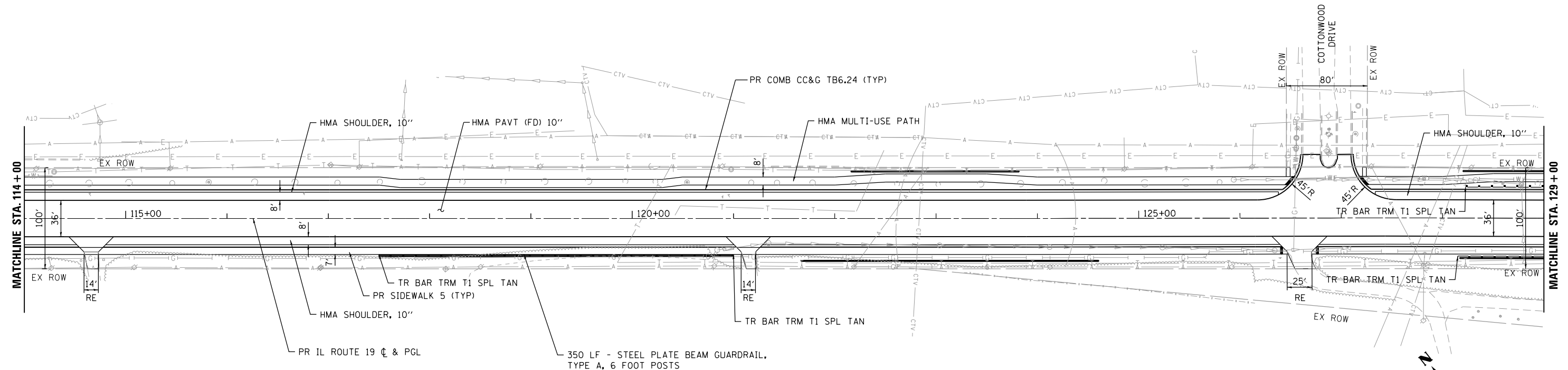
**PLAN AND PROFILE
IL RTE 19 (IRVING PARK RD)**

SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. 105+62.00 TO STA. 114+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	21
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

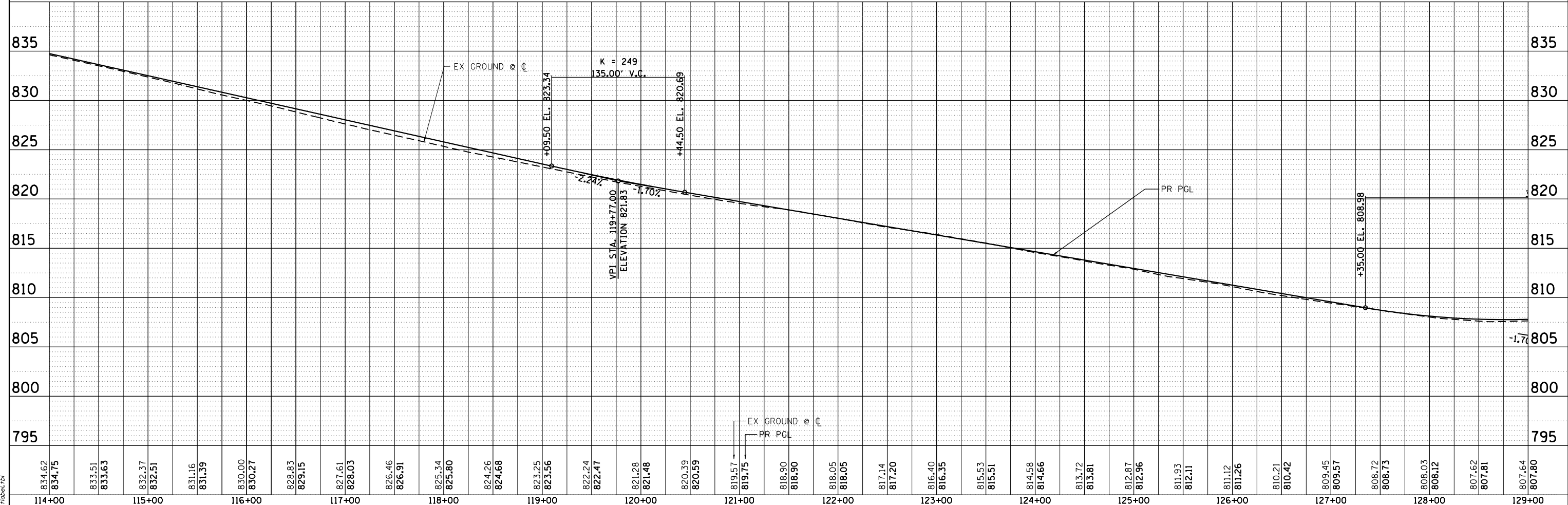
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	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	NO. _____	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO. _____	
	NO. _____	
	NO. _____	



HMA PAVEMENT (FD) 10"
 POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX"E", N70; 2"
 HMA BASE COURSE, IL-19, N70, 8"

HMA SHOULDER 10"
 POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX"E", N70; 2"
 HMA BASE COURSE, IL-19, N70, 8"



834.62	834.75	833.51	833.63	832.37	832.51	831.16	831.39	830.00	830.27	828.83	829.15	827.61	828.03	826.46	826.91	825.34	825.80	824.26	824.68	823.25	823.56	822.24	822.47	821.28	821.48	820.39	820.59	819.57	819.75	818.90	818.90	818.05	818.05	817.14	817.20	816.40	816.35	815.53	815.51	814.58	814.66	813.72	813.81	812.87	812.96	811.93	812.11	811.12	811.26	810.21	810.42	809.45	809.57	808.72	808.73	808.03	808.12	807.62	807.81	807.64	807.80
114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00																																														

HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SR+P+P-02.dgn
 PEN: TABLE: p1010641.dtl



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PLOT SCALE = 100.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

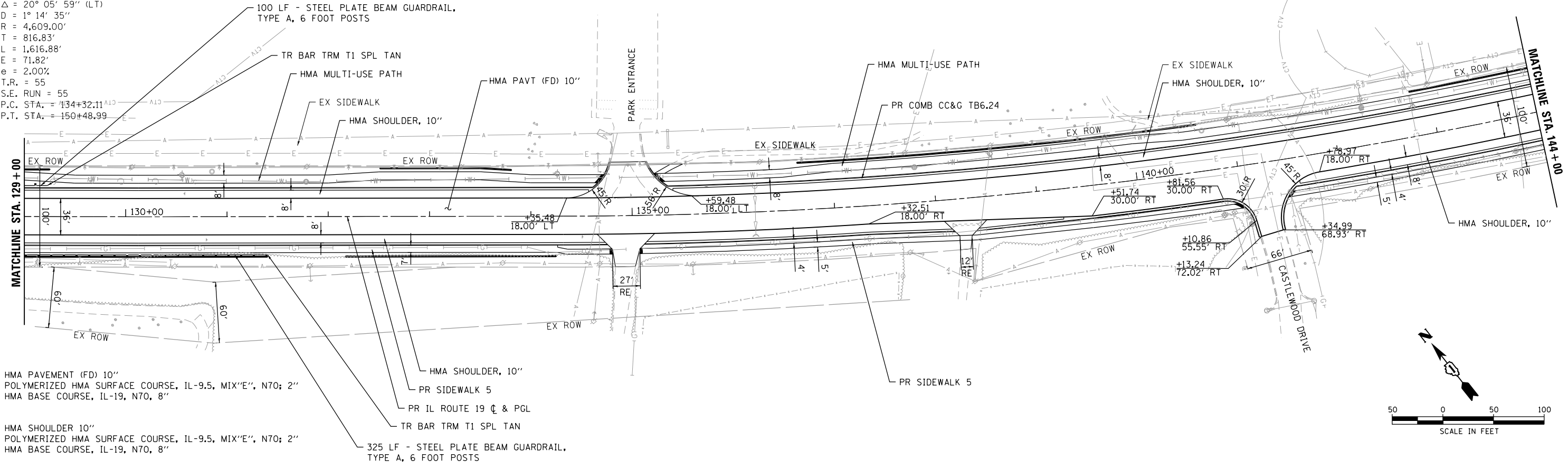
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE	
IL RTE 19 (IRVING PARK RD)	
SCALE: 1"=50'	SHEET 2 OF 5 SHEETS
STA. 114+00	TO STA. 129+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	22
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

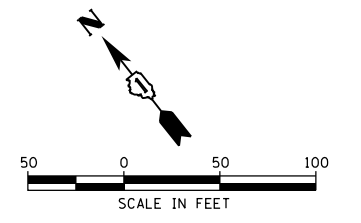
PI STA. = 142+48.94
 $\Delta = 20^\circ 05' 59''$ (LT)
 $D = 1^\circ 14' 35''$
 $R = 4,609.00'$
 $T = 816.83'$
 $L = 1,616.88'$
 $E = 71.82'$
 $e = 2.00\%$
 $T.R. = 55$
 $S.E. RUN = 55$
 $P.C. STA. = 134+32.11$
 $P.T. STA. = 150+48.99$

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

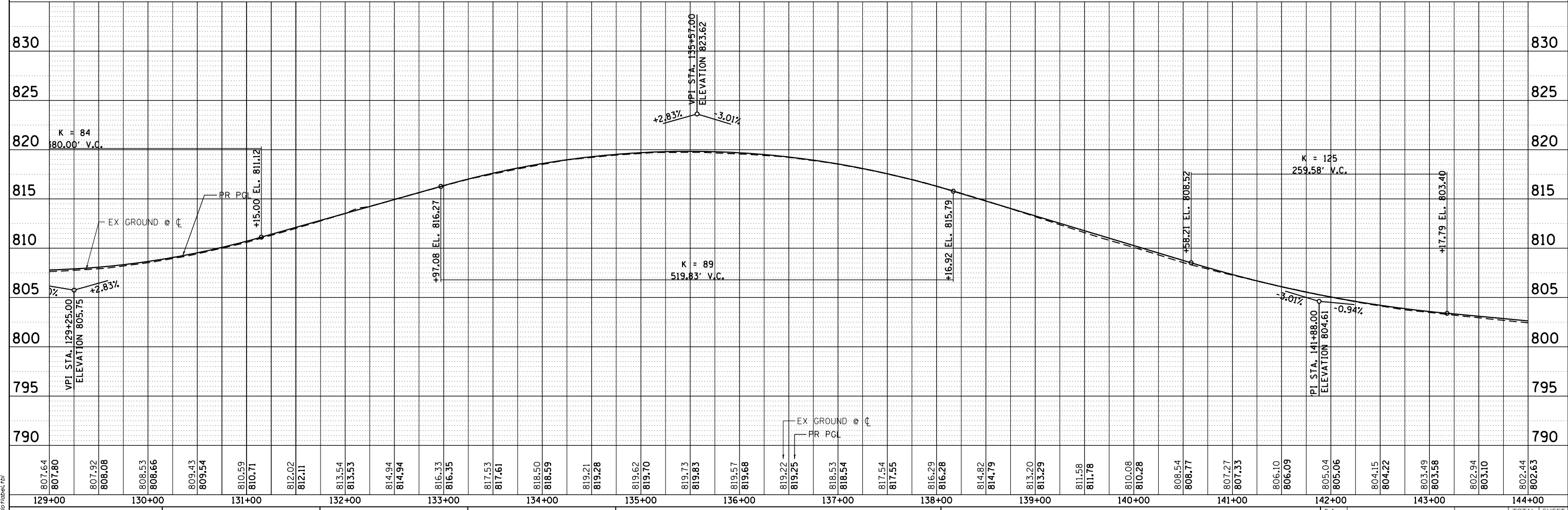


HMA PAVEMENT (FD) 10"
 POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX"E", N70; 2"
 HMA BASE COURSE, IL-19, N70, 8"

HMA SHOULDER 10"
 POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX"E", N70; 2"
 HMA BASE COURSE, IL-19, N70, 8"



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	



HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SPT-P1P-03.dgn
 PEN: TABLE: p1p03tbl.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
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PLOT DATE = 11/15/2023	DATE -	REVISED -

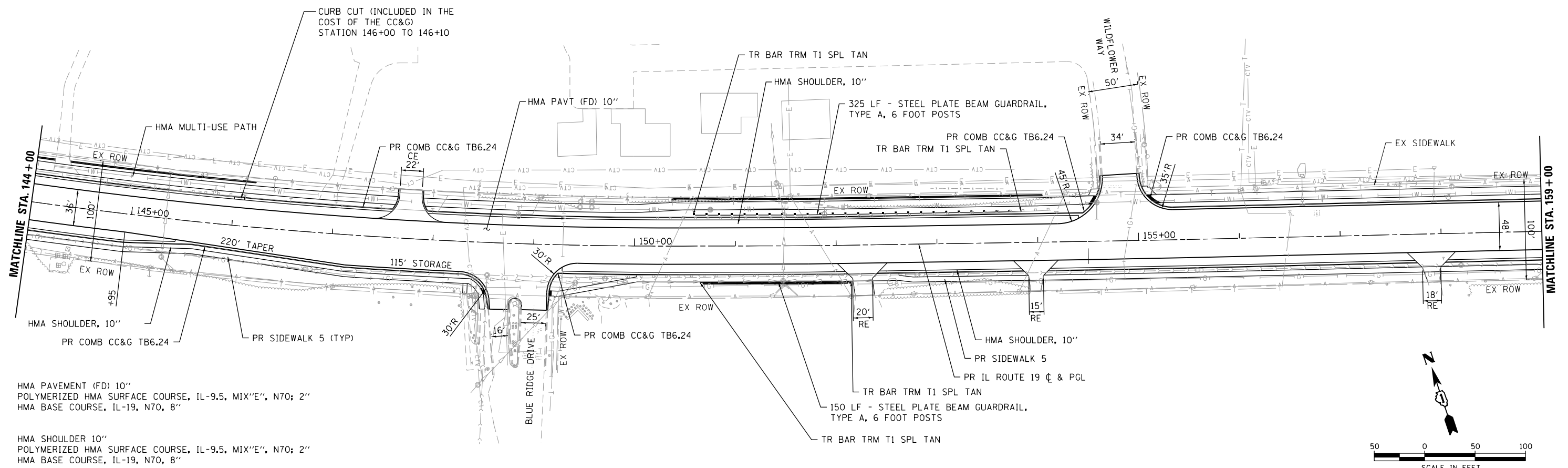
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 IL RTE 19 (IRVING PARK RD)**

SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. 129+00 TO STA. 144+00

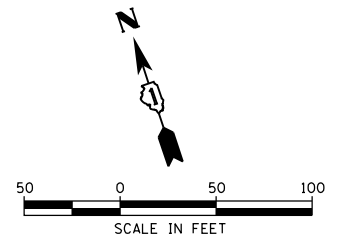
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	23
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	NOTED	
	CHECKED	
	FILED	
	NO.	

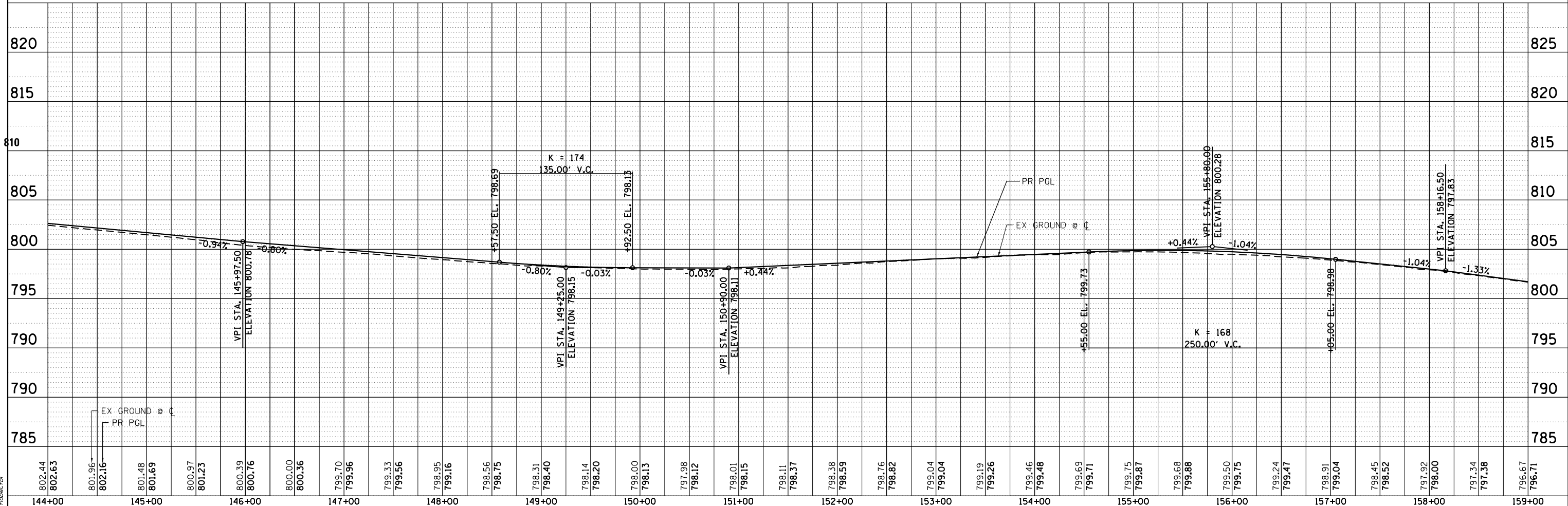


HMA PAVEMENT (FD) 10"
 POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX"E", N70; 2"
 HMA BASE COURSE, IL-19, N70, 8"

HMA SHOULDER 10"
 POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX"E", N70; 2"
 HMA BASE COURSE, IL-19, N70, 8"



PROFILE	SURVEYED	DATE
	NOTED	
	CHECKED	
	FILED	
	NO.	



HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SR-1-PRF-04.dgn
 PEN: TABLE: p10106d.ctb



USER NAME = jhorwit	DESIGNED -	REvised -
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PLOT SCALE = 100.0000' / in.	CHECKED - TEH	REvised -
PLOT DATE = 11/15/2023	DATE -	REvised -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

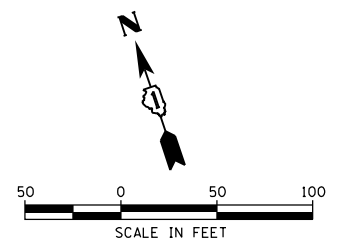
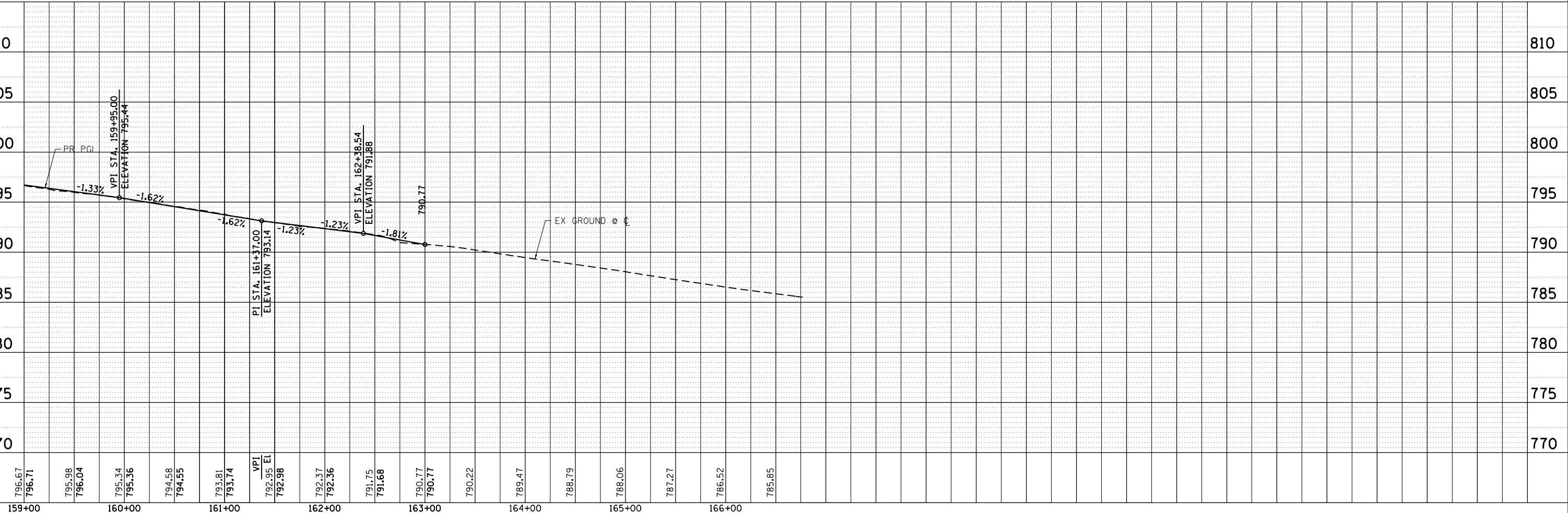
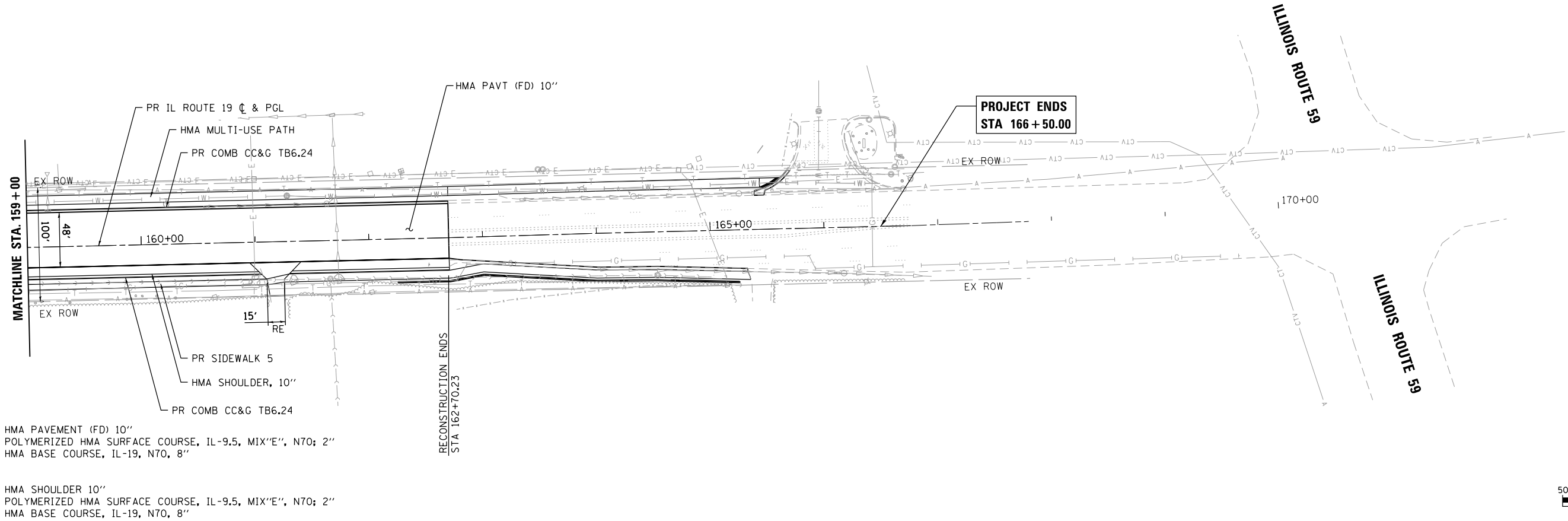
PLAN AND PROFILE	
IL RTE 19 (IRVING PARK RD)	
SCALE: 1"=50'	SHEET 4 OF 5 SHEETS
STA. 144+00	TO STA. 159+00

F.A. RTE. 1321	SECTION 10-00055-02-WR	COUNTY COOK	TOTAL SHEETS 133	SHEET NO. 24
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	FILE NAME	
	FILE NO.	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	FILE NAME	
	FILE NO.	

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SP1-PRF-05.dgn
 PEN TABLE: p101tbl.dtl



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PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE IL RTE 19 (IRVING PARK RD)	
SCALE: 1"=50'	SHEET 5 OF 5 SHEETS STA. 159+00 TO STA. 166+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	25
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

SUGGESTED MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE TRAFFIC CONTROL PLAN SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
2. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
3. ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. ALL TEMPORARY PAVEMENT MARKINGS & TRAFFIC CONTROL DEVICES SHALL BE IN PLACE AT THE BEGINNING OF EACH STAGE AND SHALL BE MAINTAINED FOR THE DURATION OF THAT STAGE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. A MINIMUM OF ONE (1) ELEVEN FOOT (11') LANE IN EACH DIRECTION SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES. A MINIMUM OF ONE (1) FIFTEEN FOOT (15') LANE WILL BE OPEN AT ALL TIMES ON IL RTE 19.
5. THE CONTRACTOR SHALL PROVIDE INFORMATION SIGNS ON TEMPORARY SUPPORTS FOR THE COMMERCIAL DRIVEWAYS. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THIS WORK WILL BE PAID FOR PER DISTRICT ONE DETAILED TC-26. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES, APPROACHES AND TEMPORARY ROADS WITHIN THE PROJECT LIMITS. THIS WORK WILL BE INCLUDED IN THE COST OF TEMPORARY ACCESS (PRIVATE ENTRANCE) OR TEMPORARY ACCESS (COMMERCIAL ENTRANCE).
6. A TEMPORARY HOT-MIX ASPHALT RAMP WEDGE TO TRANSITION THE DIFFERENTIAL ELEVATIONS CAUSED BY STAGED CONSTRUCTION SHALL BE INSTALLED BETWEEN THE NEW CONSTRUCTION AND THE EXISTING PAVEMENT. THE RAMP WEDGE WILL BE PAID FOR AS TEMPORARY PAVEMENT (VARIABLE DEPTH). ANY PAVEMENT DROP-OFFS GREATER THAN 3 INCHES IMMEDIATELY ADJACENT TO TRAFFIC SHALL NOT BE LEFT OVERNIGHT.
7. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, STATE STANDARDS AND AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY CHANGES IN STAGING AT LEAST TWO (2) WORKING DAYS IN ADVANCE.
9. TEMPORARY SIGNING, AS SHOWN, SHALL CONFORM THE APPLICABLE STANDARDS INCLUDED IN THE SPECIAL PROVISIONS AND CONTRACT PLANS OR AS DIRECTED BY THE ENGINEER.
10. ALL ROAD CONSTRUCTION AHEAD@ SIGNS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS.
11. ALL STATE ROUTE MARKERS SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT ALL STAGES OF CONSTRUCTION.
12. EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY THIS WORK SHALL BE REPLACED BY THE CONTRACTOR.
13. TRAFFIC CONTROL DEPICTED ON THE MAINTENANCE OF TRAFFIC PLANS IS THE MINIMUM REQUIREMENT. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER.
14. THE TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATIVE ARRANGEMENT.
15. TYPE 1, TYPE II OR DRUM BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.
16. THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL)@.
17. ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
19. ANY SAW CUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PAVEMENT REMOVAL@.
20. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.
21. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
22. A DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE WITH A SIDEWALK CLOSED@ SIGN AFFIXED, SHALL BE PLACED ON ALL SIDEWALKS CLOSED DUE TO CONSTRUCTION ACTIVITIES AS SHOWN IN STDS. 701801 & 701901.
23. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PAVEMENT MARKING TAPE, TYPE IV FOR STAGING SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL-GRINDING@ WITHIN THE PROJECT LIMITS AND PAVEMENT MARKING REMOVAL-WATER BLASTING@ OUTSIDE THE PROJECT LIMITS.
24. FOR TRAFFIC STAGING, PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED ON ALL FINAL PAVEMENT SURFACES AND EXISTING PAVEMENT TO REMAIN. MODIFIED URETHANE SHALL PAVEMENT MARKINGS SHALL BE USED ON TEMPORARY PAVEMENT OR EXISTING PAVEMENT THAT IS TO BE REMOVED.
25. ALL MODIFIED URETHANE PAVEMENT MARKINGS USED FOR STAGING SHALL BE REMOVED VIA WATER BLASTING WITH VACUUM RECOVERY ON FINAL PAVEMENT SURFACES, AND VIA GRINDING ON EXISTING OR TEMPORARY PAVEMENT SURFACES THAT ARE TO BE REMOVED. THIS WORK SHALL BE PAID FOR AS TEMPORARY PAVEMENT MARKING REMOVAL@.
26. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
27. WORK SPEED ZONE SPEED LIMIT SIGNS SHALL BE LOCATED APPROXIMATELY 500' FROM THE START OF THE WORK ZONE.

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-Stage-gen-01.dgn
 PLOT DATE: 11/15/2023
 PEN TABLE: plotTable.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
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PLOT SCALE = 20.0000 ' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	26
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

**SUGGESTED MAINTENANCE OF TRAFFIC AND CONSTRUCTION STAGING
SEQUENCE OF CONSTRUCTION**

PRE-STAGE - CONSTRUCTION (TO BEGIN NO SOONER THAN MARCH 1, 2024)

PRE-STAGE - SUGGESTED MAINTENANCE OF TRAFFIC
INSTALL ARTERIAL ROAD INFORMATION SIGNING PER DISTRICT 1 DETAIL TC-22 A MINIMUM OF TWO (2) WEEKS IN ADVANCE OF CONSTRUCTION.

STAGE 1 - CONSTRUCTION IL 19 (IRVING PARK ROAD)
CONSTRUCT WESTBOUND 8.5' OF THROUGH LANES, NORTH SHOULDER, AND NORTH CURB AND GUTTER OF IL 19 (IRVING PARK ROAD).

CONSTRUCT TEMPORARY PAVEMENT AT DRIVEWAYS FOR STAGES 2 AND 3 AS SHOWN ON THE PLANS.

CONSTRUCT NORTH RETAINING WALLS ALONG IL 19 (IRVING PARK ROAD).

PERFORM STORM SEWER INSTALLATION.

PERFORM WATER MAIN CONSTRUCTION.

STAGE 1 - SUGGESTED MAINTENANCE OF TRAFFIC
INSTALL LANE CLOSURE ADVANCE SIGNING ACCORDING TO THE PLANS.

COVER AND REMOVE PERMANENT SIGNS AS NEEDED FOR STAGE 1 CONSTRUCTION.

REMOVE ALL CONFLICTING RAISED REFLECTIVE PAVEMENT MARKERS WITHIN THE PROJECT LIMITS.

REMOVAL ALL CONFLICTING PAVEMENT MARKINGS ALONG IL 19 (IRVING PARK ROAD) AND INSTALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL FOR LANE DROPS ACCORDING TO HIGHWAY STANDARD 701601.

INSTALL ALL TEMPORARY PAVEMENT MARKING AND TEMPORARY TRAFFIC CONTROL DEVICES FOR STAGE 1 CONSTRUCTION, SHIFT TRAFFIC.

STAGE 2 - CONSTRUCTION OF IL 19 (IRVING PARK ROAD)
CONSTRUCT REMAINING 9.5' OF THE NORTH PAVEMENT UP TO THE CENTERLINE OF IL 19 (IRVING PARK ROAD) AS SHOWN ON STAGE 2 SUGGESTED MAINTENANCE OF TRAFFIC PLAN.

CONTINUE STORM SEWER INSTALLATION.

STAGE 2 - SUGGESTED MAINTENANCE OF TRAFFIC
INSTALL LANE CLOSURE ADVANCE SIGNING ACCORDING TO THE PLANS.

COVER AND REMOVE PERMANENT SIGNS AS NEEDED FOR STAGE 2 CONSTRUCTION.

REMOVE ALL CONFLICTING RAISED REFLECTIVE PAVEMENT MARKERS WITHIN THE PROJECT LIMITS.

REMOVAL ALL CONFLICTING PAVEMENT MARKINGS ALONG IL 19 (IRVING PARK ROAD) AND INSTALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL FOR LANE DROPS ACCORDING TO HIGHWAY STANDARD 701601.

INSTALL ALL TEMPORARY PAVEMENT MARKING AND TEMPORARY TRAFFIC CONTROL DEVICES FOR STAGE 2 CONSTRUCTION, SHIFT TRAFFIC.

STAGE 3 - CONSTRUCTION OF IL 19 (IRVING PARK ROAD)
CONSTRUCT 18' OF PAVEMENT ON THE SOUTHSIDE OF IL 19 (IRVING PARK ROAD). CONSTRUCT THE SOUTH CURB AND GUTTER AND SOUTH RETAINING WALLS.

CONTINUE STORM SEWER INSTALLATION.

STAGE 3 - SUGGESTED MAINTENANCE OF TRAFFIC
INSTALL LANE CLOSURE ADVANCE SIGNING ACCORDING TO THE PLANS.

COVER AND REMOVE PERMANENT SIGNS AS NEEDED FOR STAGE 3 CONSTRUCTION.

REMOVE ALL CONFLICTING RAISED REFLECTIVE PAVEMENT MARKERS WITHIN THE PROJECT LIMITS.

REMOVAL ALL CONFLICTING PAVEMENT MARKINGS ALONG IL 19 (IRVING PARK ROAD) AND INSTALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL FOR LANE DROPS ACCORDING TO HIGHWAY STANDARD 701601.

INSTALL ALL TEMPORARY PAVEMENT MARKING AND TEMPORARY TRAFFIC CONTROL DEVICES FOR STAGE 3 CONSTRUCTION, SHIFT TRAFFIC.

PLACE TOPSOIL, SEED, SOD AND ALL OTHER RESTORATION ITEMS.

COMPLETE REMAINING CONSTRUCTION, CLEAN -UP AND PUNCH LIST.

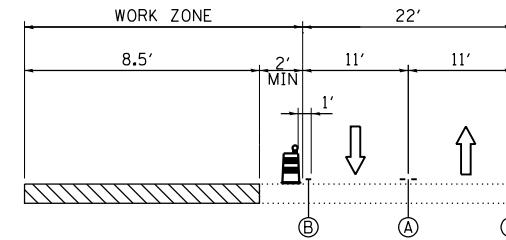
END CONSTRUCTION
REMOVE TEMPORARY PAVEMENT AND FINALIZE DRIVEWAYS.

RE-ESTABLISH PERMANENT PAVEMENT MARKING, RAISED REFLECTIVE PAVEMENT MARKERS AND RECESSED REFLECTION PAVEMENT MARKERS AND RECESSED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH DISTRICT 1 DETAILS AND COOK COUNTY DETAILS UTILIZING LANE CLOSURES.

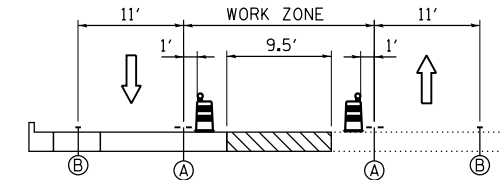
REPLACE LENSES ON RAISED REFLECTIVE PAVEMENT MARKERS WHERE TEMPORARILY REMOVED. SHIFT TRAFFIC.

REMOVAL ALL CONSTRUCTION SIGNING AND TRAFFIC CONTROL MEASURES.

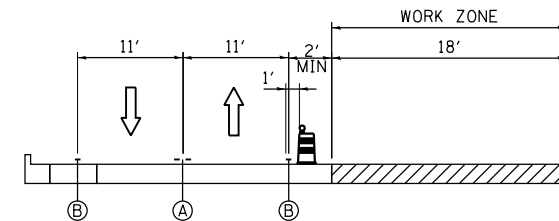
UNCOVER ALL PERMANENT SIGNS.



**TYPICAL SECTION - STAGE 1
IL 19
STA. 107+50.00 TO STA. 162+70.23**



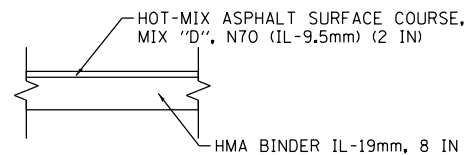
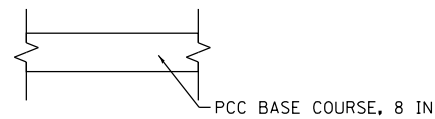
**TYPICAL SECTION - STAGE 2
IL 19
STA. 107+50.00 TO STA. 162+70.23**



**TYPICAL SECTION - STAGE 3
IL 19
STA. 107+50 TO STA. 162+70.23**

TEMPORARY PAVEMENT DETAILS

(CONTRACTOR HAS THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT)



- Ⓐ 4" DOUBLE YELLOW @ 11" C-C PAVEMENT MARKING
- Ⓑ 4" SOLID WHITE PAVEMENT MARKING

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-spr-stage-gen-02.dgn
 PEN TABLE: 1/10/2023



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
SEQUENCE OF CONSTRUCTION**

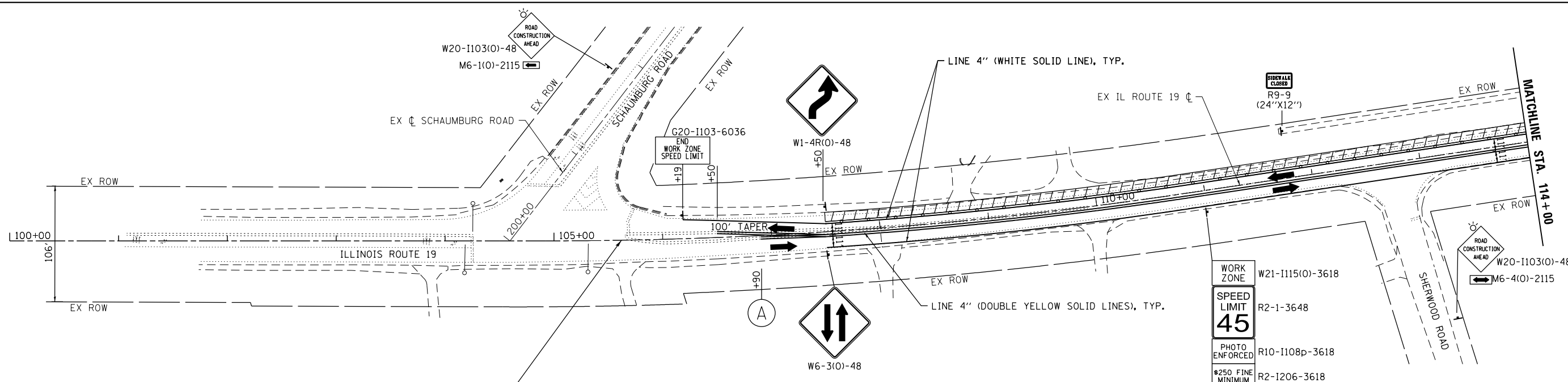
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K06	

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	NOTE BOOK
	NO.

DATE	
BY	
PROFILE	SURVEYED
	GRADES CHECKED
	NOTE BOOK
	NO.

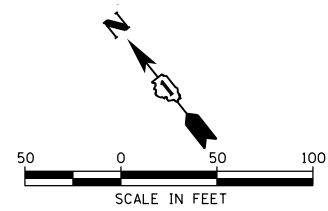
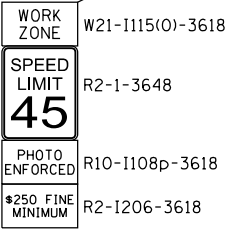
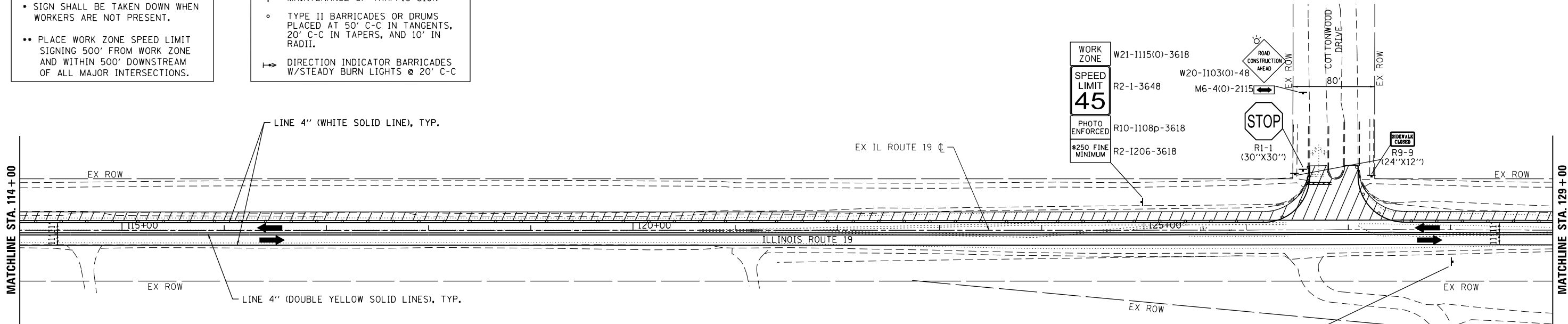
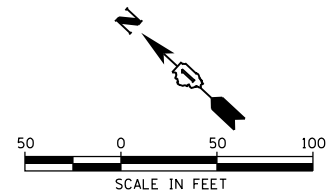
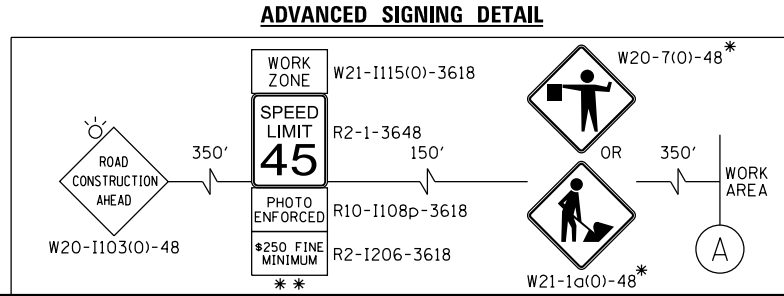
HRG PROJECT NO. 20045
 HRG PROJ. CONT. ACT.
 FILE NAME: 20045-SPT-5-Stage-mo1-0.dgn
 PEN TABLE: 10/10/2023



NOTES
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 "PHOTO ENFORCED" SIGN PLATES SHALL ONLY BE INSTALLED ON WORK ZONE SPEED LIMIT SIGN ASSEMBLIES THAT ARE LOCATED ON IL 19.
 • SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 •• PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

- LEGEND:**
- WORK ZONE (HMA PAVEMENT)
 - WORK ZONE (PCC PAVEMENT)
 - TEMPORARY PAVEMENT
 - DIRECTION OF TRAFFIC
 - FLASHING ARROW BOARD
 - TYPE III BARRICADE
 - MAINTENANCE OF TRAFFIC SIGN
 - TYPE II BARRICADES OR DRUMS PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS, AND 10' IN RADII.
 - DIRECTION INDICATOR BARRICADES W/STEADY BURN LIGHTS @ 20' C-C

PROJECT BEGINS STA 105+62.00



USER NAME	= jhorwit	DESIGNED	-	REVISED	-
		DRAWN	- JCH	REVISED	-
		CHECKED	- TEH	REVISED	-
		DATE	-	REVISED	-
PLOT SCALE	= 100.0000' / in.				
PLOT DATE	= 11/15/2023				

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

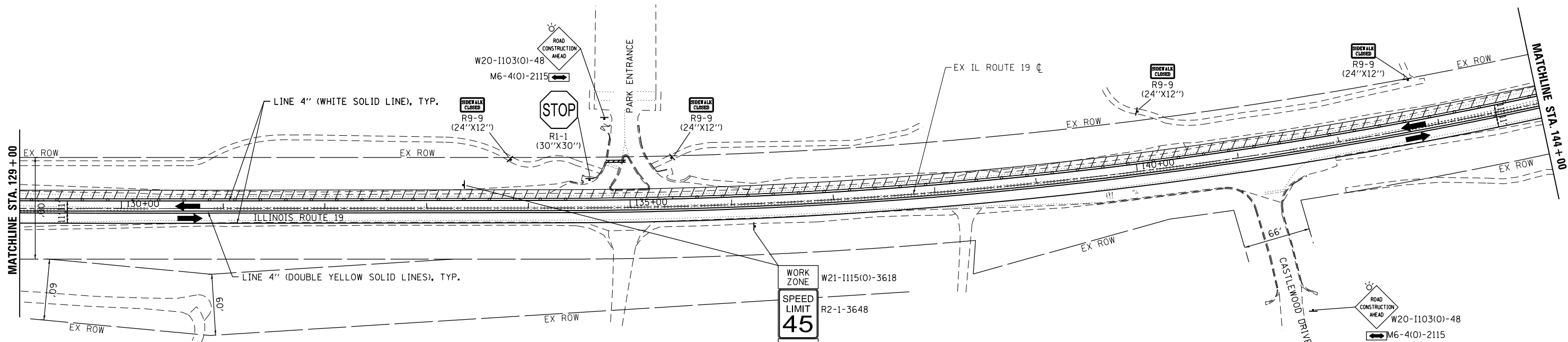
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
 IL RTE 19 (IRVING PARK RD)**
 SCALE: 1"=50' SHEET 1 OF 9 SHEETS STA. 105+62.00 TO STA. 129+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	28
				CONTRACT NO. 61K06
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

HRG PROJECT NO.: 20045
 HRG PROJ. CONT. ACT:
 FILE NAME: 20045-spr+5-tagging-mr1-02.dgn
 PEN TABLE: 10/14/2023
 HRGreen.com



LEGEND:

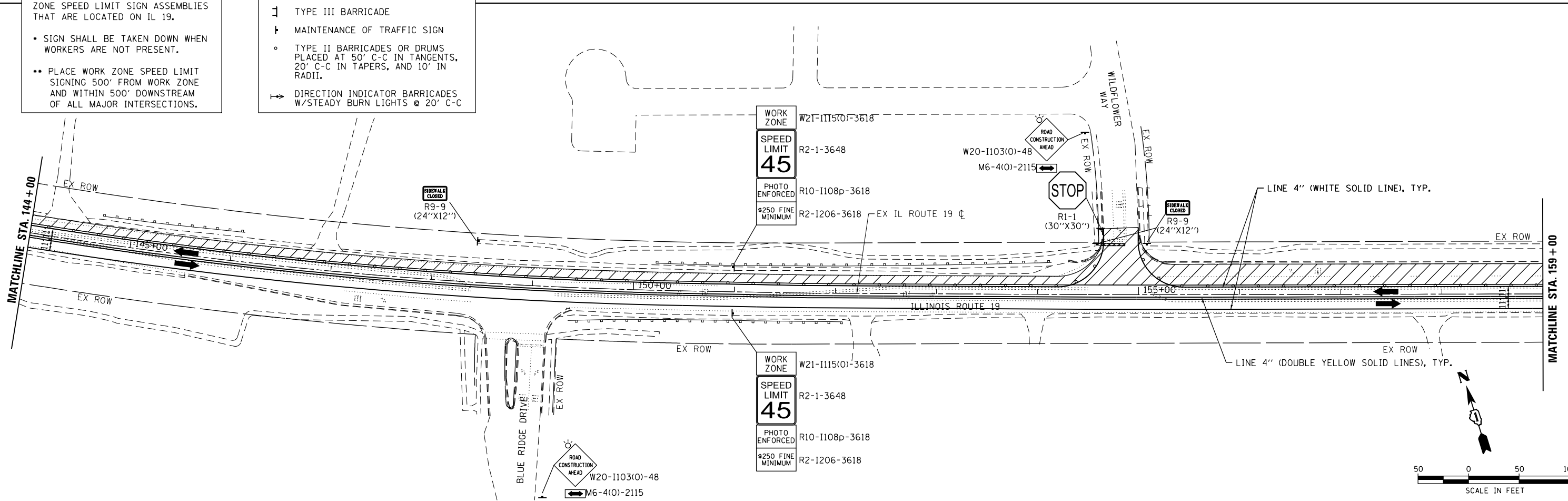
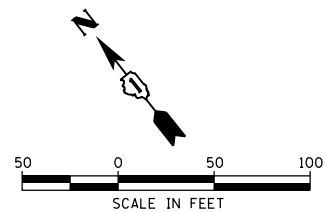
- WORK ZONE (HMA PAVEMENT)
- WORK ZONE (PCC PAVEMENT)
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- TYPE III BARRICADE
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS, PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS, AND 10' IN RADII.
- DIRECTION INDICATOR BARRICADES W/STEADY BURN LIGHTS @ 20' C-C

NOTES

FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.

"PHOTO ENFORCED" SIGN PLATES SHALL ONLY BE INSTALLED ON WORK ZONE SPEED LIMIT SIGN ASSEMBLIES THAT ARE LOCATED ON IL 19.

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
- PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.



USER NAME	= jhorwit	DESIGNED	-	REVISED	-
		DRAWN	- JCH	REVISED	-
		CHECKED	- TEH	REVISED	-
		DATE	-	REVISED	-
PLOT SCALE	= 100.0000' / in.				
PLOT DATE	= 11/15/2023				

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
 IL RTE 19 (IRVING PARK RD)**

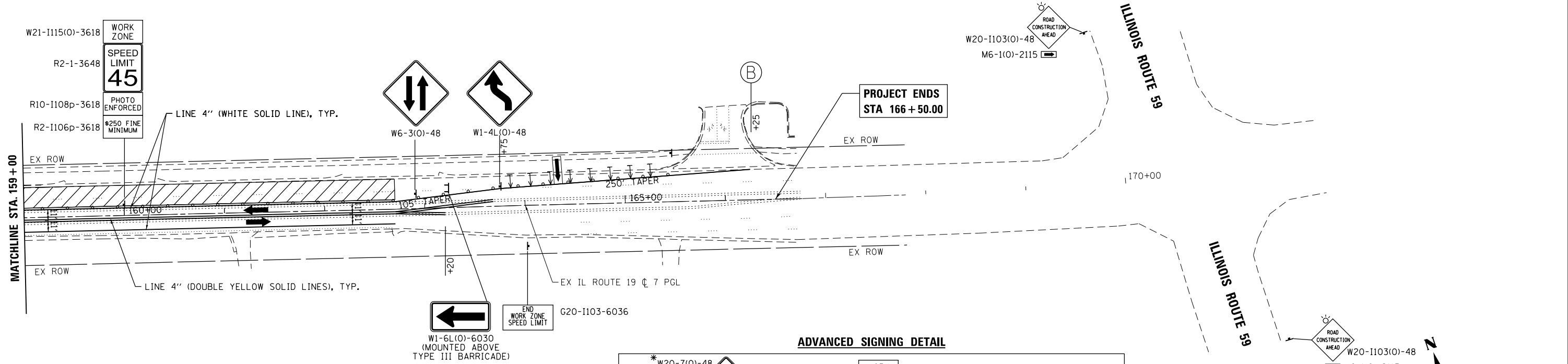
SCALE: 1"=50' SHEET 2 OF 9 SHEETS STA. 129+00 TO STA. 159+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	29
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		

HRG PROJECT NO.: 20045
 HRG PROJ. CONT. ACT:
 FILE NAME: 20045-SPT-5-Stage1-mtr1-03.dgn
 PEN TABLE: p1010tbl.tbl



NOTES

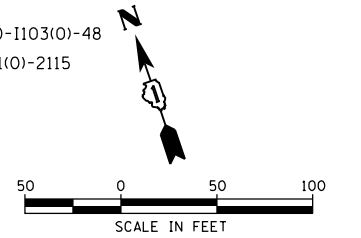
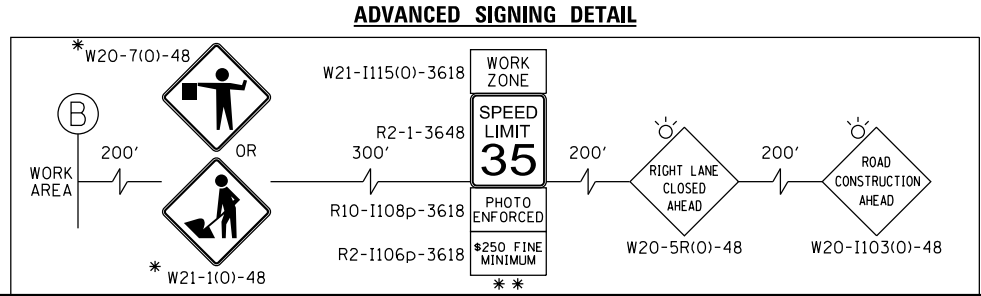
FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.

"PHOTO ENFORCED" SIGN PLATES SHALL ONLY BE INSTALLED ON WORK ZONE SPEED LIMIT SIGN ASSEMBLIES THAT ARE LOCATED ON IL 19.

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- PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

LEGEND:

	WORK ZONE (HMA PAVEMENT)
	WORK ZONE (PCC PAVEMENT)
	TEMPORARY PAVEMENT
	DIRECTION OF TRAFFIC
	FLASHING ARROW BOARD
	TYPE III BARRICADE
	MAINTENANCE OF TRAFFIC SIGN
	TYPE II BARRICADES OR DRUMS PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS, AND 10' IN RADII.
	DIRECTION INDICATOR BARRICADES W/STEADY BURN LIGHTS @ 20' C-C



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
 IL RTE 19 (IRVING PARK RD)

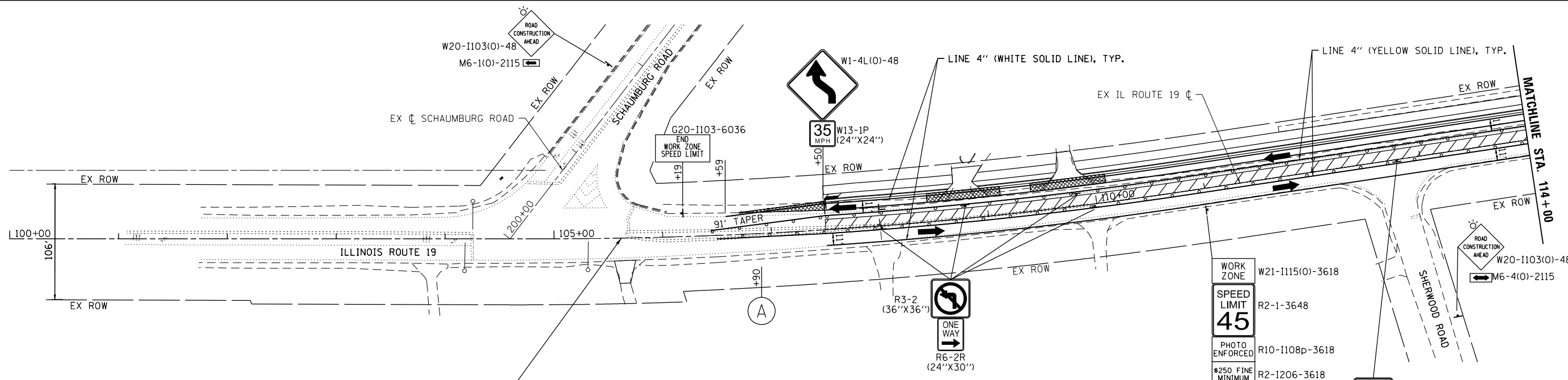
SCALE: 1"=50' SHEET 3 OF 9 SHEETS STA. 159+00 TO STA. 166+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	30
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	NOTE BOOK
	NO.

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	NOTE BOOK
	NO.

HRG PROJECT NO. 20045
 HRG PROJ. CONT. ACT.
 FILE NAME: 20045-spr+5-tagging-mv+2-0-0.dgn
 PEN TABLE: p101tbl.tbl

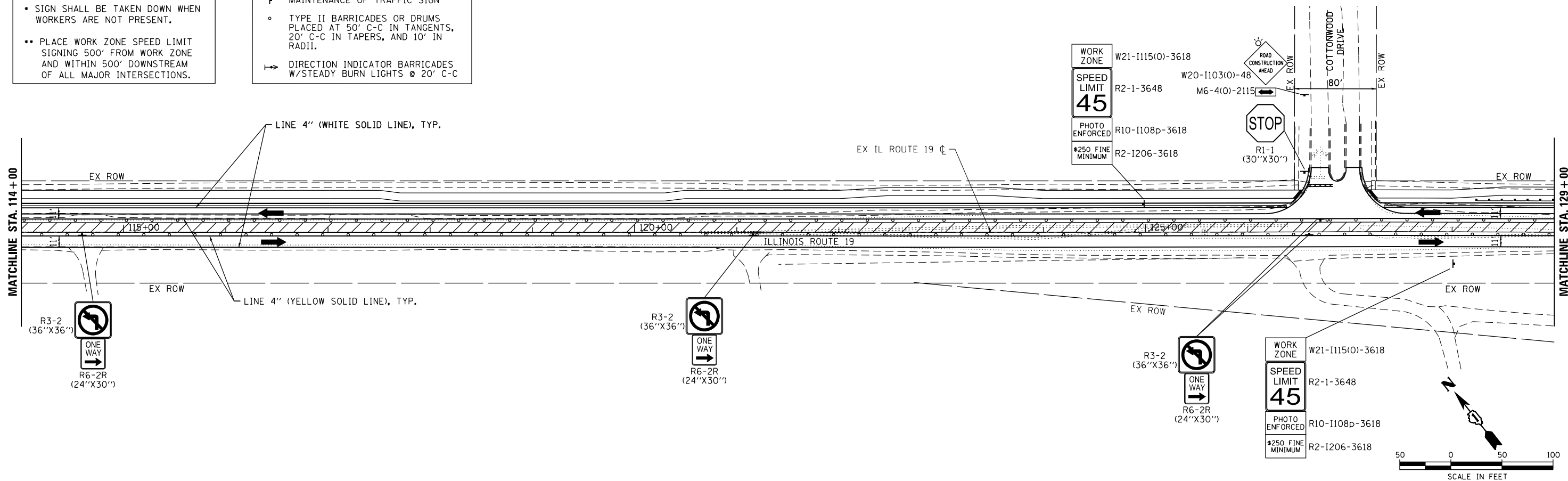
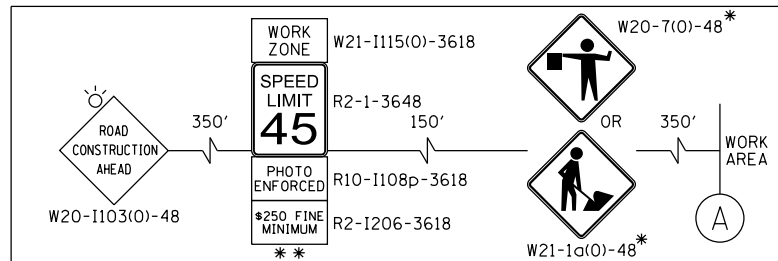


NOTES
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 "PHOTO ENFORCED" SIGN PLATES SHALL ONLY BE INSTALLED ON WORK ZONE SPEED LIMIT SIGN ASSEMBLIES THAT ARE LOCATED ON IL 19.
 • SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 •• PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

- LEGEND:**
- WORK ZONE (HMA PAVEMENT)
 - WORK ZONE (PCC PAVEMENT)
 - TEMPORARY PAVEMENT
 - DIRECTION OF TRAFFIC
 - FLASHING ARROW BOARD
 - TYPE III BARRICADE
 - MAINTENANCE OF TRAFFIC SIGN
 - TYPE II BARRICADES OR DRUMS, PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS, AND 10' IN RADII.
 - DIRECTION INDICATOR BARRICADES W/STEADY BURN LIGHTS @ 20' C-C

**PROJECT BEGINS
 STA 105+62.00**

ADVANCED SIGNING DETAIL



USER NAME	= jhorwit
DESIGNED	-
DRAWN	- JCH
CHECKED	- TEH
DATE	-

REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
 IL RTE 19 (IRVING PARK RD)**

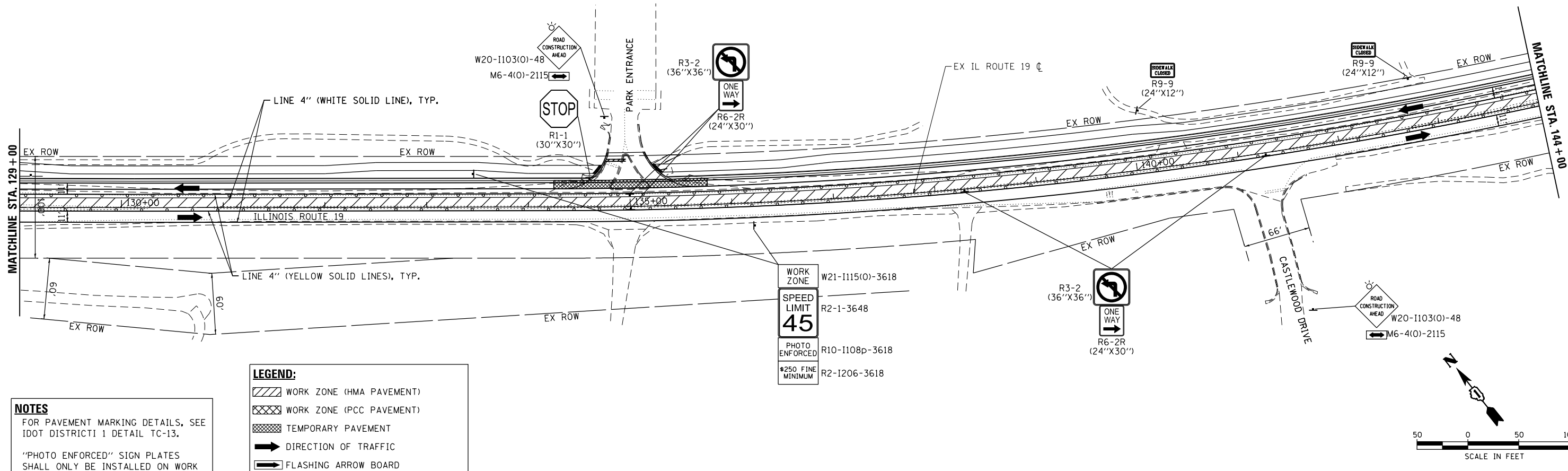
SCALE: 1"=50' SHEET 4 OF 9 SHEETS STA. 105+62.00 TO STA. 129+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	31
				CONTRACT NO. 61K06
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNED	
	AS-BUILT	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNED	
	AS-BUILT	
	FILE NAME	
	NO.	

HRG PROJECT NO.: 20045
 HRG PROJ. CONT. ACT:
 FILE NAME: 20045-spr+5-tagging-mv2-02.dgn
 PEN TABLE: 10/10/2021



NOTES

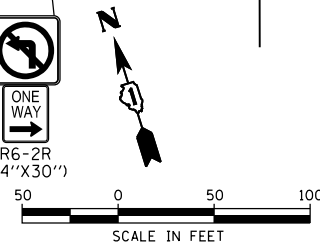
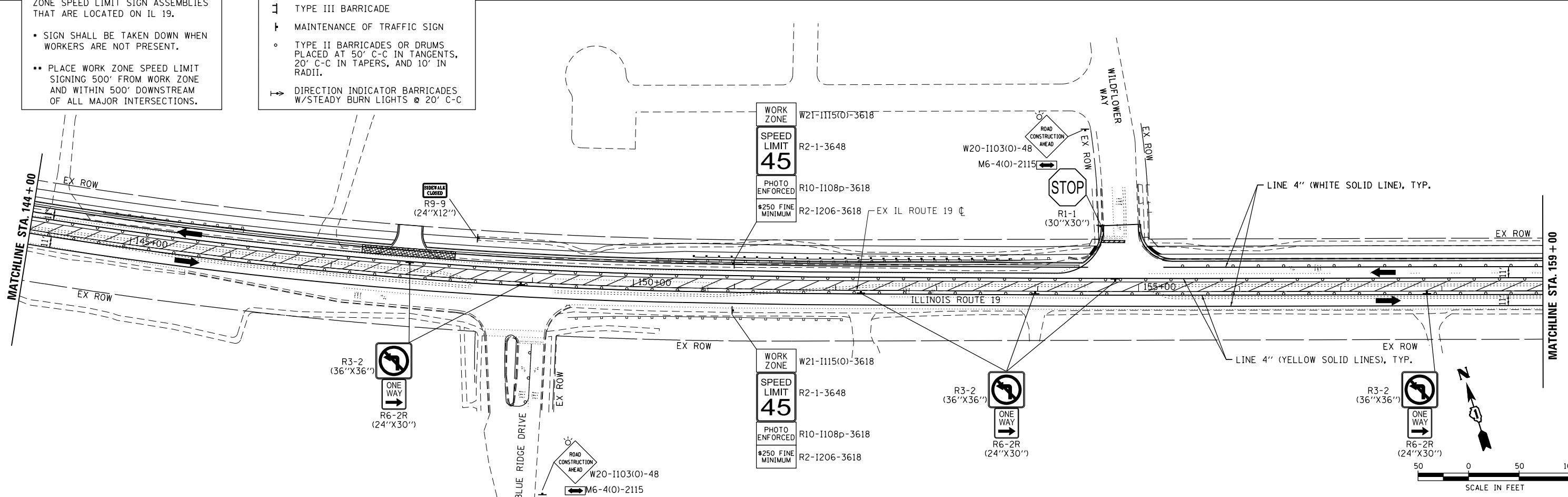
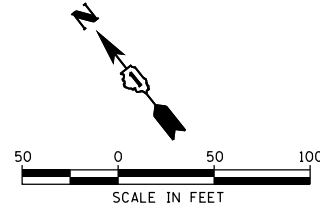
FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.

"PHOTO ENFORCED" SIGN PLATES SHALL ONLY BE INSTALLED ON WORK ZONE SPEED LIMIT SIGN ASSEMBLIES THAT ARE LOCATED ON IL 19.

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
- PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

LEGEND:

	WORK ZONE (HMA PAVEMENT)
	WORK ZONE (PCC PAVEMENT)
	TEMPORARY PAVEMENT
	DIRECTION OF TRAFFIC
	FLASHING ARROW BOARD
	TYPE III BARRICADE
	MAINTENANCE OF TRAFFIC SIGN
	TYPE II BARRICADES OR DRUMS, PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS, AND 10' IN RADII.
	DIRECTION INDICATOR BARRICADES W/STEADY BURN LIGHTS @ 20' C-C



USER NAME	= jhorwit	DESIGNED	-	REVISED	-
		DRAWN	- JCH	REVISED	-
		CHECKED	- TEH	REVISED	-
		DATE	-	REVISED	-
PLOT SCALE	= 100,0000' / in.				
PLOT DATE	= 11/15/2023				

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
 IL RTE 19 (IRVING PARK RD)**

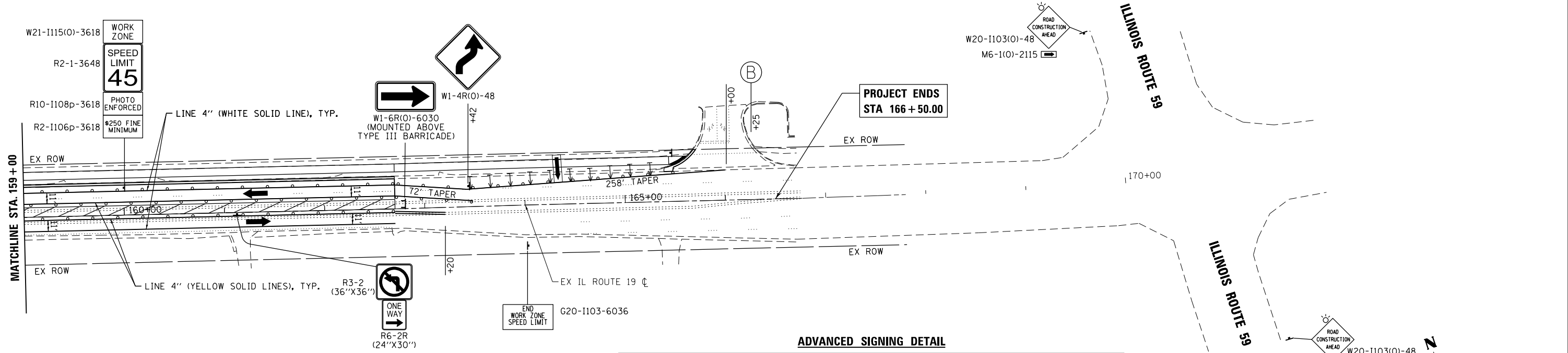
SCALE: 1"=50' SHEET 5 OF 9 SHEETS STA. 129+00 TO STA. 159+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	32
				CONTRACT NO. 61K06
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	

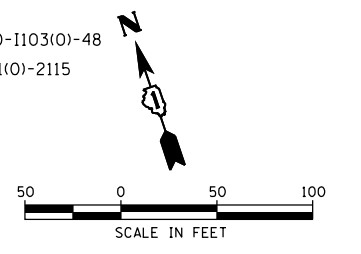
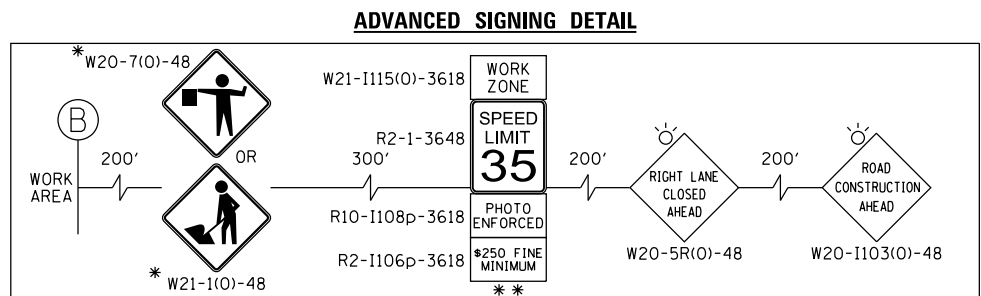
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 FILE NAME: 20045-spr+5-tagging-mv2-03.dgn
 PEN TABLE: p101tbl.tbl



NOTES
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 "PHOTO ENFORCED" SIGN PLATES SHALL ONLY BE INSTALLED ON WORK ZONE SPEED LIMIT SIGN ASSEMBLIES THAT ARE LOCATED ON IL 19.
 • SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 •• PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

LEGEND:

	WORK ZONE (HMA PAVEMENT)
	WORK ZONE (PCC PAVEMENT)
	TEMPORARY PAVEMENT
	DIRECTION OF TRAFFIC
	FLASHING ARROW BOARD
	TYPE III BARRICADE
	MAINTENANCE OF TRAFFIC SIGN
	TYPE II BARRICADES OR DRUMS PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS, AND 10' IN RADII.
	DIRECTION INDICATOR BARRICADES W/STEADY BURN LIGHTS @ 20' C-C



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

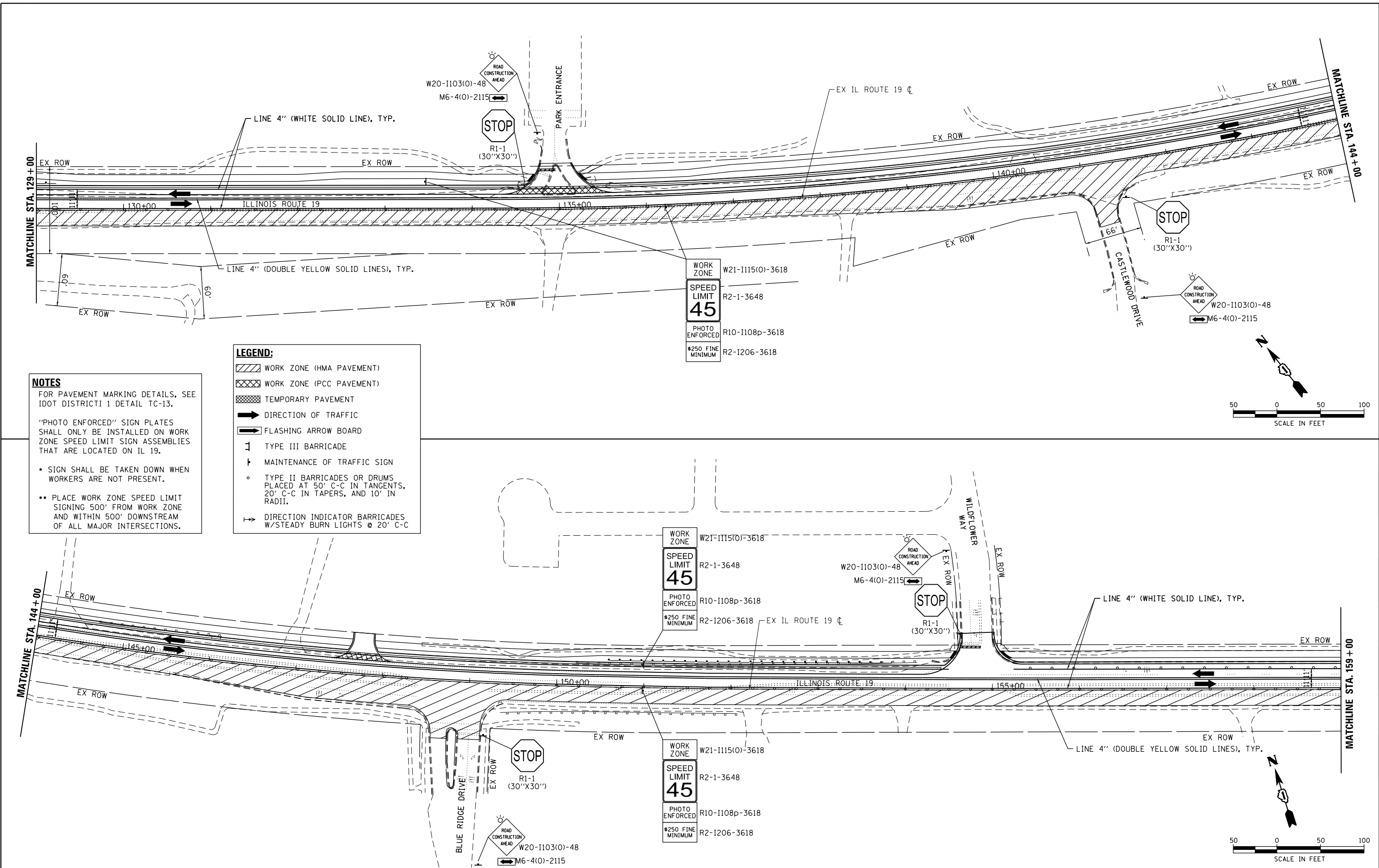
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
 IL RTE 19 (IRVING PARK RD)**
 SCALE: 1"=50' SHEET 6 OF 9 SHEETS STA. 159+00 TO STA. 166+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	33
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

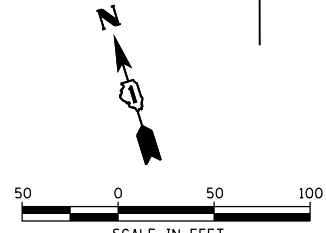
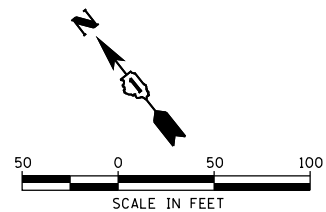
HRG PROJECT NO.: 20045
 HRG PROJ. CONT. ACT:
 FILE NAME: 20045-spr+5-tagging-mv+3-02.dgn
 PEN TABLE: p101tbl.tbl



NOTES
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 "PHOTO ENFORCED" SIGN PLATES SHALL ONLY BE INSTALLED ON WORK ZONE SPEED LIMIT SIGN ASSEMBLIES THAT ARE LOCATED ON IL 19.
 • SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 •• PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

LEGEND:

	WORK ZONE (HMA PAVEMENT)
	WORK ZONE (PCC PAVEMENT)
	TEMPORARY PAVEMENT
	DIRECTION OF TRAFFIC
	FLASHING ARROW BOARD
	TYPE III BARRICADE
	MAINTENANCE OF TRAFFIC SIGN
	TYPE II BARRICADES OR DRUMS PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS, AND 10' IN RADII.
	DIRECTION INDICATOR BARRICADES W/STEADY BURN LIGHTS @ 20' C-C



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 #184-001322

USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

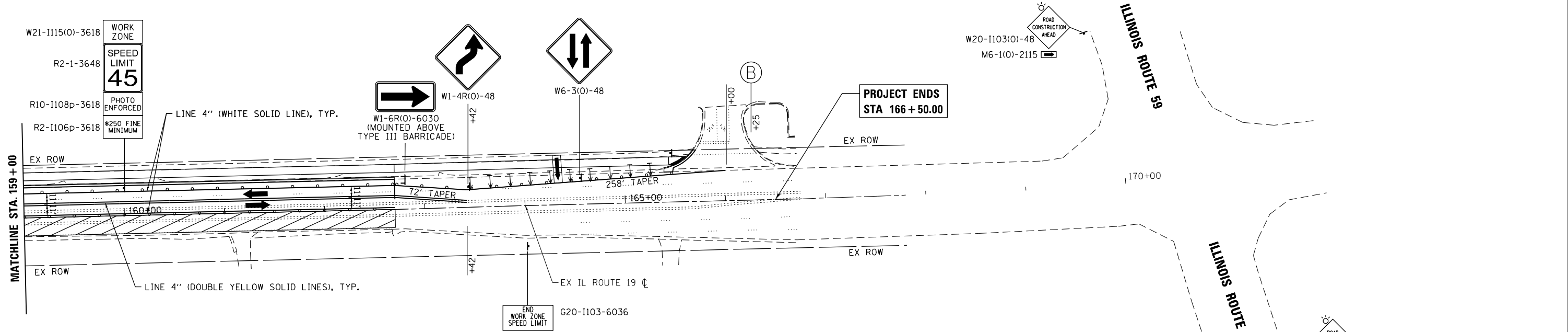
SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
IL RTE 19 (IRVING PARK RD)
 SCALE: 1"=50' SHEET 8 OF 9 SHEETS STA. 129+00 TO STA. 159+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	35
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	

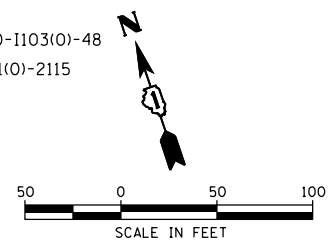
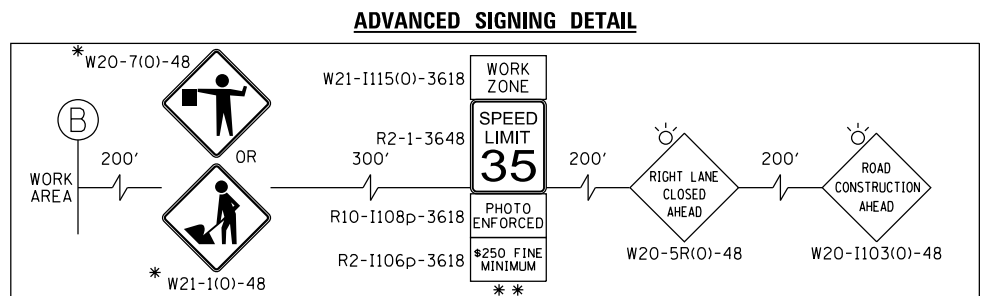
HRG PROJECT NO: 20045
 HRG PROJ. CONT. ACT:
 FILE NAME: 20045-spr+5-tagging-mtr3-03.dgn
 PEN TABLE: p101tbl.tbl



NOTES
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 "PHOTO ENFORCED" SIGN PLATES SHALL ONLY BE INSTALLED ON WORK ZONE SPEED LIMIT SIGN ASSEMBLIES THAT ARE LOCATED ON IL 19.
 • SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 •• PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

LEGEND:

	WORK ZONE (HMA PAVEMENT)
	WORK ZONE (PCC PAVEMENT)
	TEMPORARY PAVEMENT
	DIRECTION OF TRAFFIC
	FLASHING ARROW BOARD
	TYPE III BARRICADE
	MAINTENANCE OF TRAFFIC SIGN
	TYPE II BARRICADES OR DRUMS PLACED AT 50' C-C IN TANGENTS, 20' C-C IN TAPERS, AND 10' IN RADII.
	DIRECTION INDICATOR BARRICADES W/STEADY BURN LIGHTS @ 20' C-C

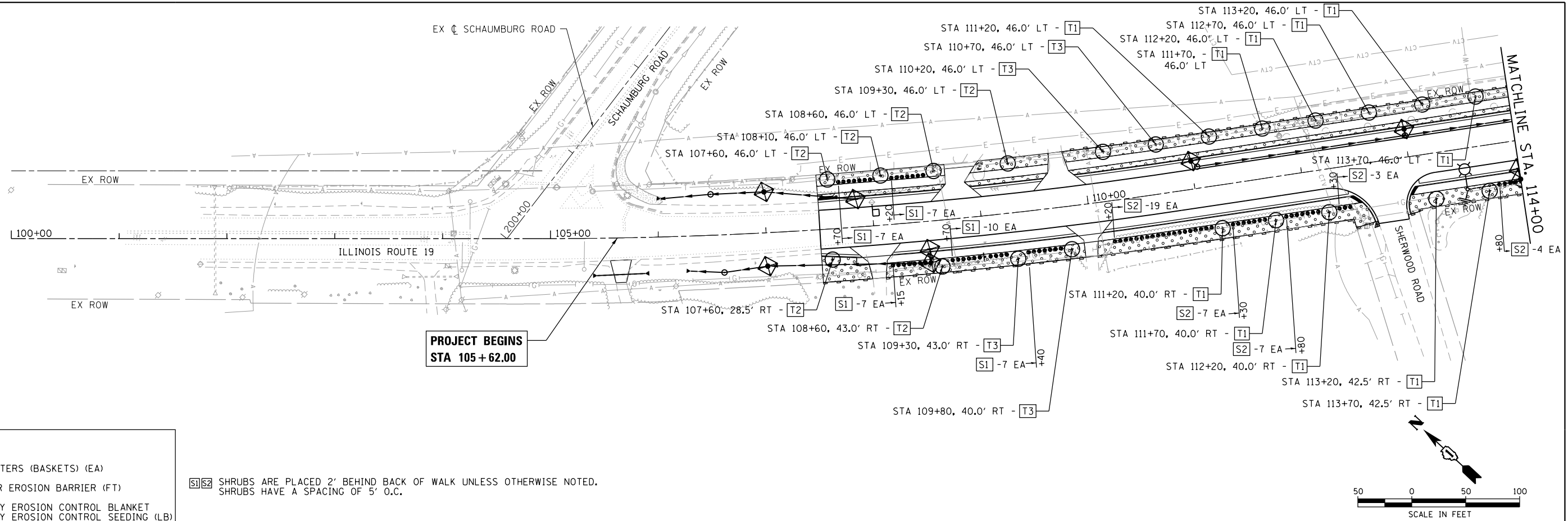


USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	36
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILED
	DATE
	FILE NAME
	PROJECT NAME
	NO.

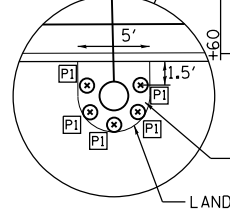
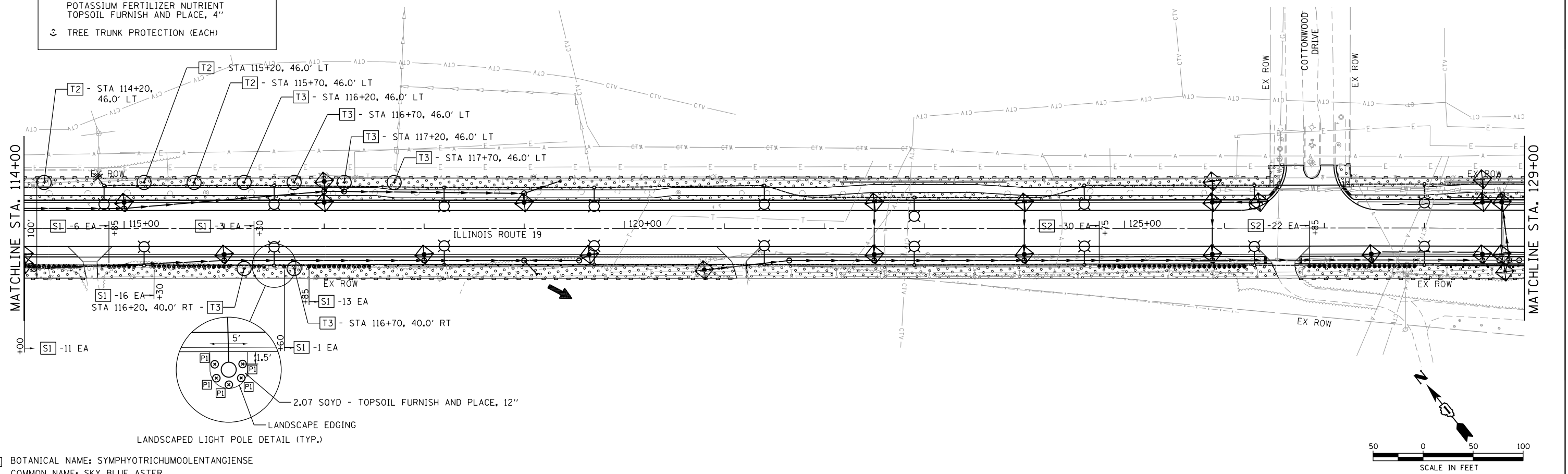
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS OK'D
	NO.



LEGEND:

- INLET FILTERS (BASKETS) (EA)
- PERIMETER EROSION BARRIER (FT)
- TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING (LB)
(APPLICATION RATE = 100 LB/ACRE)
- SEEDING, CLASS 2A
- NITROGEN FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- TOPSOIL FURNISH AND PLACE, 4"
- TREE TRUNK PROTECTION (EACH)

S1 S2 SHRUBS ARE PLACED 2' BEHIND BACK OF WALK UNLESS OTHERWISE NOTED.
SHRUBS HAVE A SPACING OF 5' O.C.



2.07 SOYD - TOPSOIL FURNISH AND PLACE, 12"
LANDSCAPE EDGING
LANDSCAPED LIGHT POLE DETAIL (TYP.)

P1 BOTANICAL NAME: SYMPHYOTRICHUM MOLENTANGIENSE
COMMON NAME: SKY BLUE ASTER
PERENNIAL NOTES: 18" O.C./STAGGERED

HRG PROJECT NO.: 20045
HRG PROJ. CONT. ACT:
FILE NAME: 20045-spr-erf-os-01.dgn
PEN TABLE: 1/18/2023



USER NAME	= jhorwit	DESIGNED	-	REVISED	-
		DRAWN	- WJH	REVISED	-
PLOT SCALE	= 100,0000' / in.	CHECKED	- TEH	REVISED	-
PLOT DATE	= 11/15/2023	DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

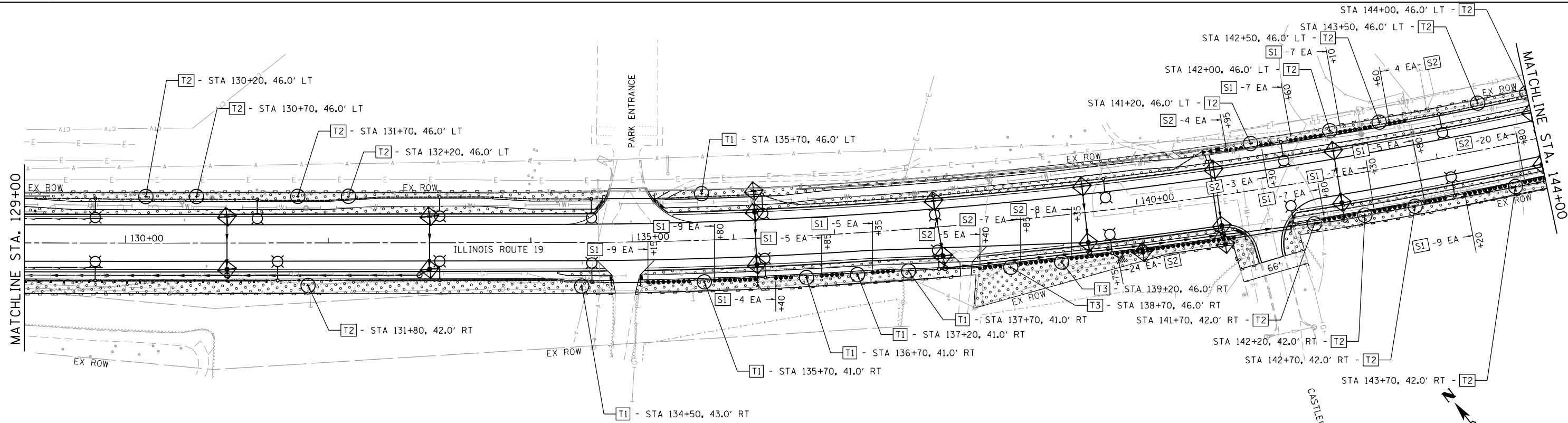
**EROSION CONTROL AND LANDSCAPE PLAN
IL RTE 19 (IRVING PARK RD)**
SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. 105+62.00 TO STA. 129+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	37
				CONTRACT NO. 61K06
				ILLINOIS FED. AID PROJECT

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILED
	NO.
	NO.
	NO.

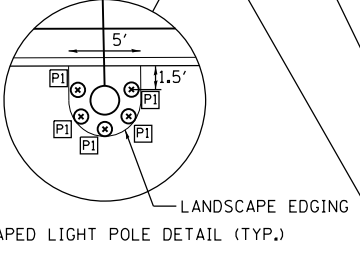
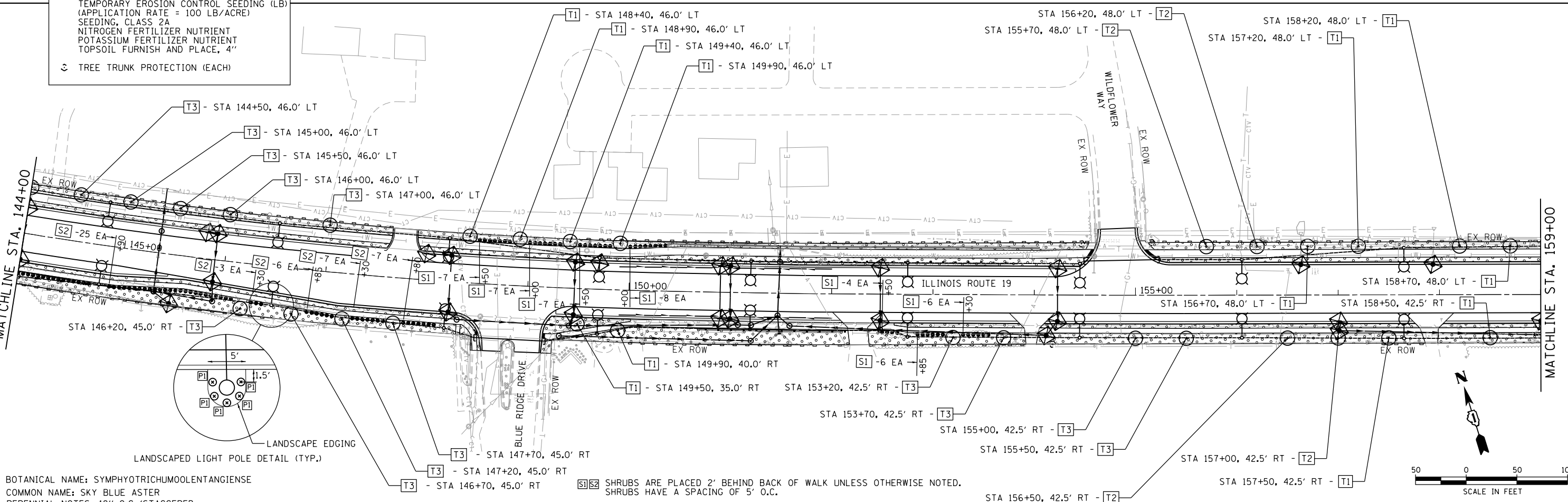
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS OK'D
	NO.
	NO.
	NO.

HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SPT-erf-02.dgn
 PEN TABLE: ptable.tbl



LEGEND:

- INLET FILTERS (BASKETS) (EA)
- PERIMETER EROSION BARRIER (FT)
- TEMPORARY EROSION CONTROL BLANKET
 TEMPORARY EROSION CONTROL SEEDING (LB)
 (APPLICATION RATE = 100 LB/ACRE)
 SEEDING, CLASS 2A
 NITROGEN FERTILIZER NUTRIENT
 POTASSIUM FERTILIZER NUTRIENT
 TOPSOIL FURNISH AND PLACE, 4"
- TREE TRUNK PROTECTION (EACH)



PI BOTANICAL NAME: SYMPHYOTRICHUMOOLENTANGIENSE
 COMMON NAME: SKY BLUE ASTER
 PERENNIAL NOTES: 18" O.C./STAGGERED

S1/S2 SHRUBS ARE PLACED 2' BEHIND BACK OF WALK UNLESS OTHERWISE NOTED.
 SHRUBS HAVE A SPACING OF 5' O.C.

USER NAME	= jhorwit	DESIGNED	-	REVISED	-
		DRAWN	- WJH	REVISED	-
PLOT SCALE	= 100.0000' / in.	CHECKED	- TEH	REVISED	-
PLOT DATE	= 11/15/2023	DATE	-	REVISED	-

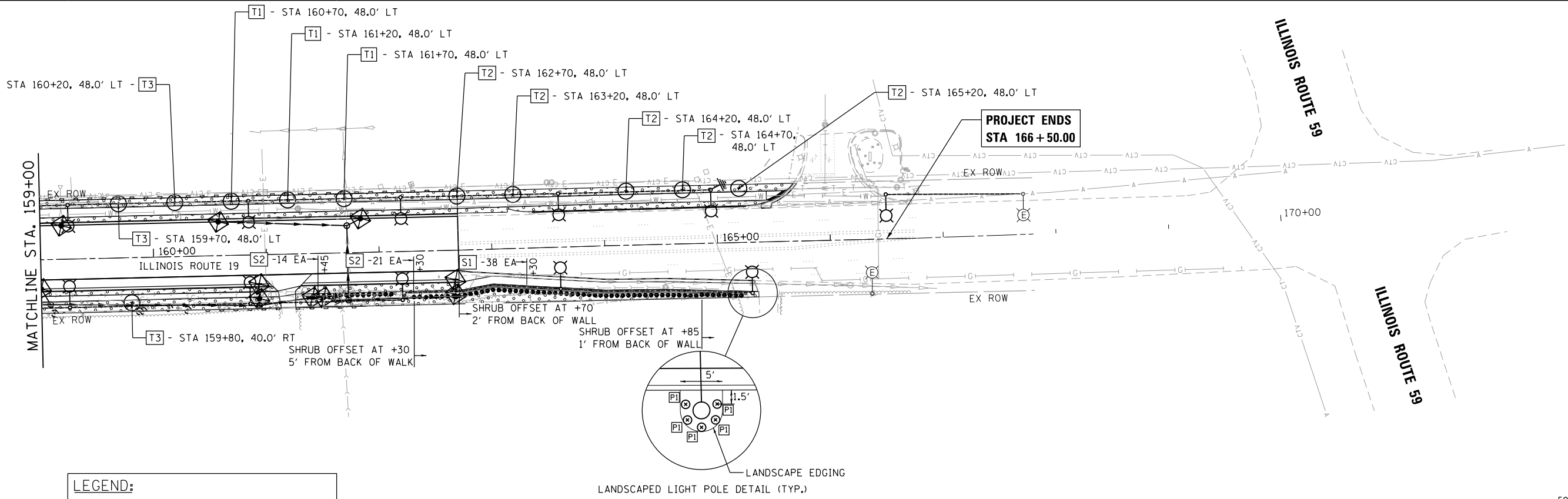
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL AND LANDSCAPE PLAN	
IL RTE 19 (IRVING PARK RD)	
SCALE: 1"=50'	SHEET 2 OF 5 SHEETS
STA. 129+00	TO STA. 159+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	38
				CONTRACT NO. 61K06
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	BY	
	DATE	

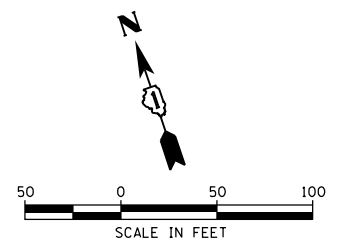


LEGEND:

- INLET FILTERS (BASKETS) (EA)
- PERIMETER EROSION BARRIER (FT)
- TEMPORARY EROSION CONTROL BLANKET
TEMPORARY EROSION CONTROL SEEDING (LB)
(APPLICATION RATE = 100 LB/ACRE)
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
TOPSOIL FURNISH AND PLACE, 4"
- TREE TRUNK PROTECTION (EACH)

[P1] BOTANICAL NAME: SYMPHYOTRICHUM OOLENTANGIENSE
COMMON NAME: SKY BLUE ASTER
PERENNIAL NOTES: 18" O.C./STAGGERED

[S1][S2] SHRUBS ARE PLACED 2' BEHIND BACK OF WALK UNLESS OTHERWISE NOTED.
SHRUBS HAVE A SPACING OF 5' O.C.



HRG PROJECT NO.: 20045
HRG PROJ. CONT. ACT:
FILE NAME: 20045-spr-erfc-03.dgn
PEN TABLE: spr1tbl.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL AND LANDSCAPE PLAN			
IL RTE 19 (IRVING PARK RD)			
SCALE: 1"=50'	SHEET 3 OF 5 SHEETS	STA. 159+00 TO STA. 166+50.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	39
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

SHRUB PLANTING SCHEDULE

	PAY ITEM	QTY	BOTANICAL NAME/ITEM	SPACING
S1	C2011724	245	SHRUB, VIBURNUM DENTATUM (ARROWWOOD VIBURNUM), 2' HEIGHT, BALLED AND BURLAPPED	MATCH TO PLAN
S2	C2C02936	250	SHRUB, FORSYTHIA X INTERMEDIA (BORDER FORSYTHIA), 3' HEIGHT, CONTAINER	MATCH TO PLAN

TREE PLANTING SCHEDULE

	PAY ITEM	QTY	BOTANICAL NAME/ITEM	SPACING
T1	B2002416	32	TREE, MAGNOLIA SOULANGIANA (SAUCER MAGNOLIA), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	MATCH TO PLAN
T2	B2006320	32	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	MATCH TO PLAN
T3	A2022166	28	TREE, AESCULUS PAVIA (RED BUCKEYE), 6' HEIGHT, BALLED AND BURLAPPED	MATCH TO PLAN

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-spr-aros-04-sched.dgn
 PLOT DATE: 11/15/2023
 PEN TABLE: p10tbl.tbl



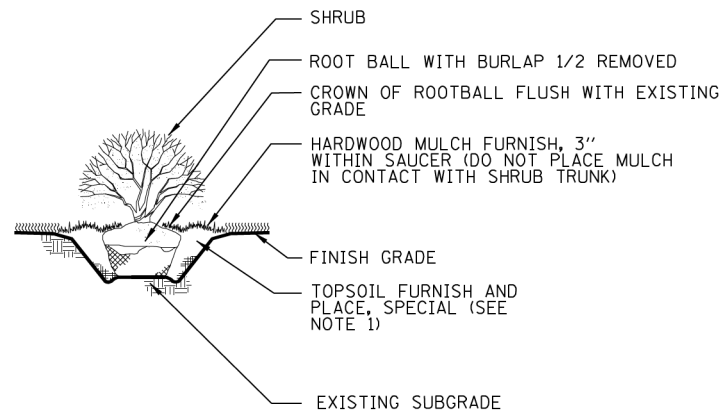
USER NAME = jhorwit	DESIGNED -	REVISED - XX/XX/XXXX
	DRAWN - WJH	REVISED - XX/XX/XXXX
PLOT SCALE = 40.0000 ' / in.	CHECKED - TEH	REVISED - XX/XX/XXXX
PLOT DATE = 11/15/2023	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE SCHEDULES
IL RTE 19 (IRVING PARK RD)

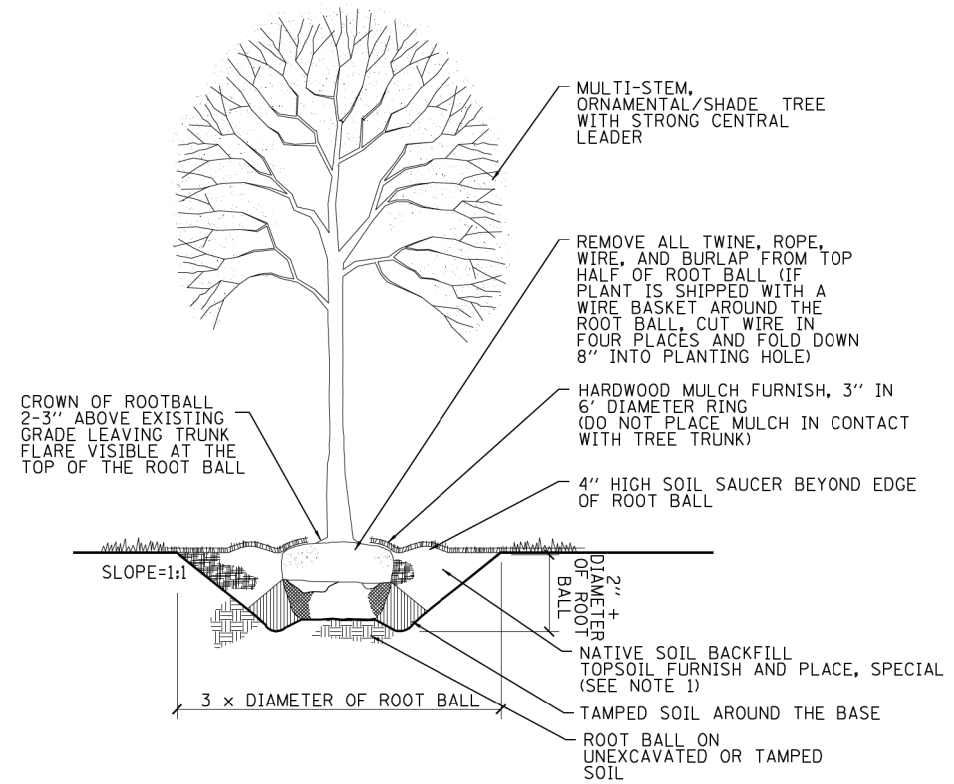
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	40
CONTRACT NO.				61K06
ILLINOIS FED. AID PROJECT				



- NOTE:
 1. THE BACKFILL SHALL BE NATIVE SOIL BACKFILL WHEN APPROPRIATE
 2. WHEN UNSUITABLE MATERIAL IS ENCOUNTERED, THE HOLE SHALL BE BACKFILLED WITH TOPSOIL FURNISH AND PLACED (SPECIAL)

SHRUB PLANTING DETAIL
 NOT TO SCALE



SHADE AND ORNAMENTAL TREE
TYPICAL PLANTING DETAIL
 NOT TO SCALE

NOTES:

- TREE PITS TO BE BACKFILLED WITH THE NATIVE SOIL THAT WAS REMOVED FROM THE HOLE. WHEN UNSUITABLE MATERIAL IS ENCOUNTERED, THE HOLE SHALL BE BACKFILLED WITH TOPSOIL FURNISH AND PLACE, SPECIAL.
- SHREDDED HARDWOOD BARK MULCH SHALL BE PLACED AROUND ALL NEW PLANTS AND INCLUDED IN THE COST OF THE TREES AND SHRUBS PAY ITEMS.

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-spr-aros-05-details.dgn
 USER: jhorwit
 PEN TABLE: 1/15/2023



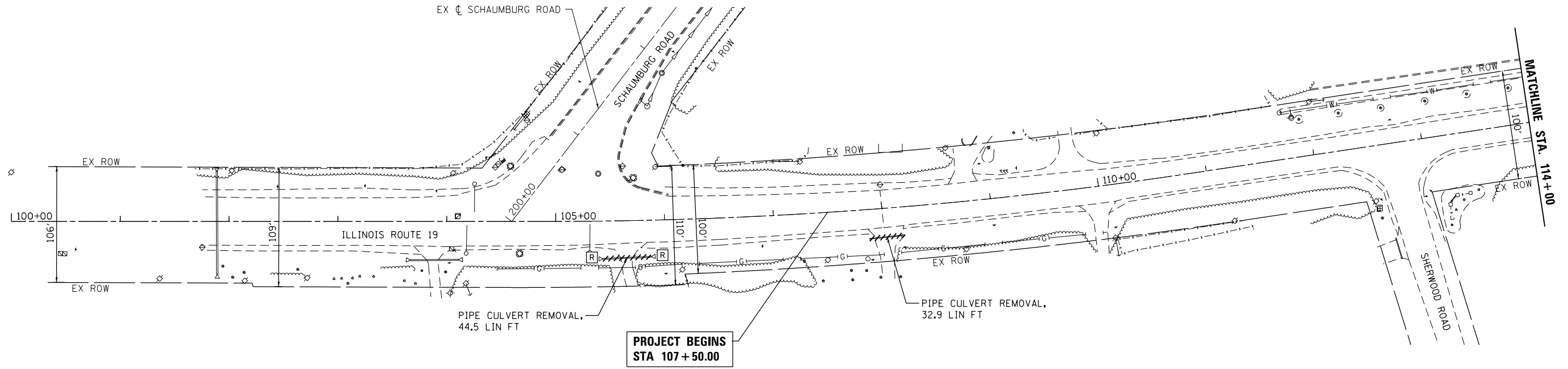
USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 33.3333 ' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS	
IL RTE 19 (IRVING PARK RD)	
SCALE:	SHEET 5 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	41
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

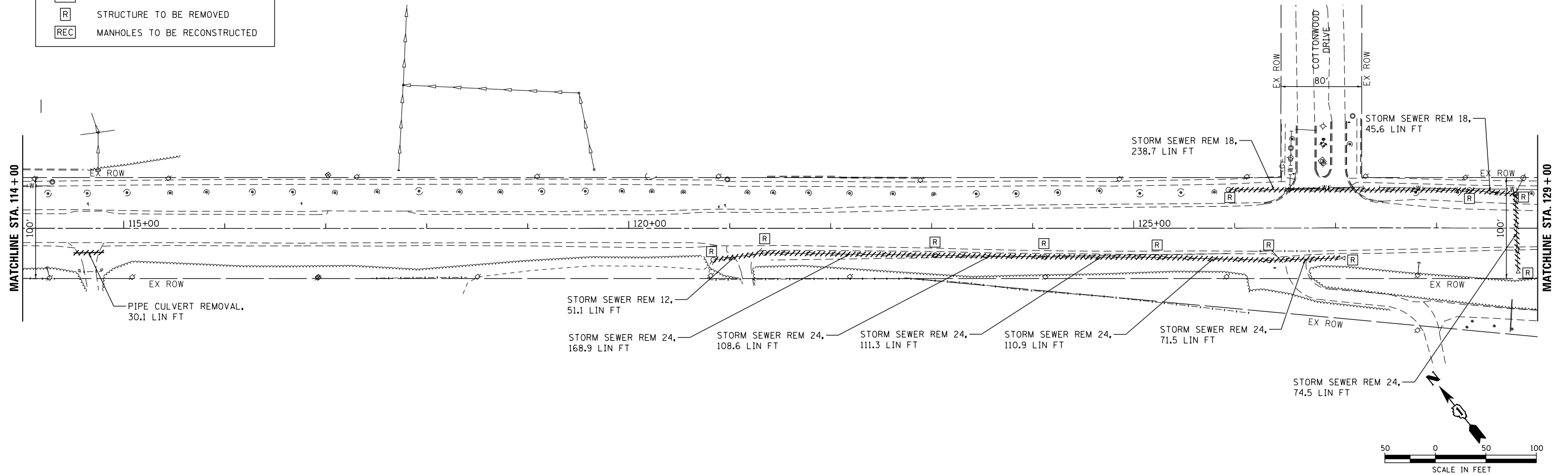
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	FILED	FILE NAME
	NO.	



LEGEND:

	STORM SEWER REMOVAL
	PIPE CULVERT REMOVAL
	FRAMES AND LIDS TO BE ADJUSTED
	STRUCTURE TO BE REMOVED
	MANHOLES TO BE RECONSTRUCTED

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	CHECKED
	STRUCTURE NOTATIONS CHECKED	FILE NAME
	NO.	



HRG PROJECT NO. 20045
 HRG PROJ. CONT. ACT.
 FILE NAME: 20045-spr-drainrem-01.dgn
 PEN TABLE: sprtbl04.tbl



USER NAME	= jhorwit	DESIGNED	-	REVISED	-
		DRAWN	- JCH	REVISED	-
PLOT SCALE	= 100.0000' / in.	CHECKED	- TEH	REVISED	-
PLOT DATE	= 11/15/2023	DATE	-	REVISED	-

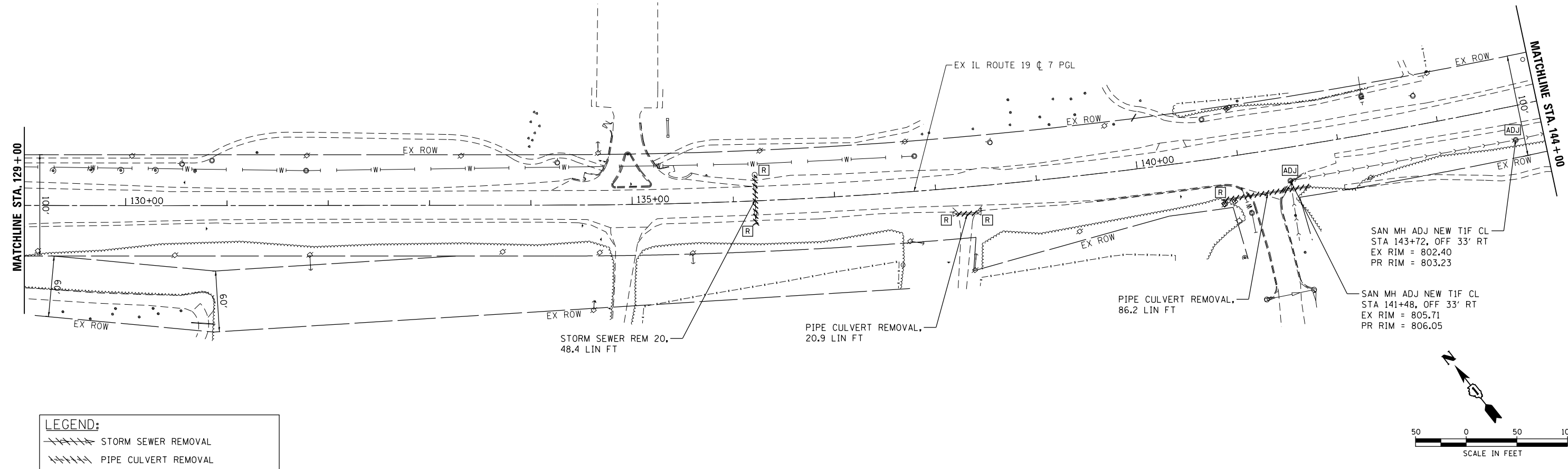
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE REMOVAL AND UTILITY ADJUSTMENT PLAN
 IL RTE 19 (IRVING PARK RD)**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 105+62.00 TO STA. 129+00

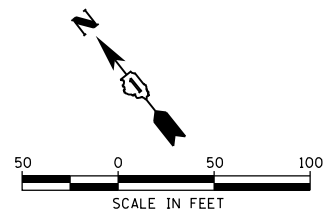
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	42
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	DATE	
	BY	
	NO.	

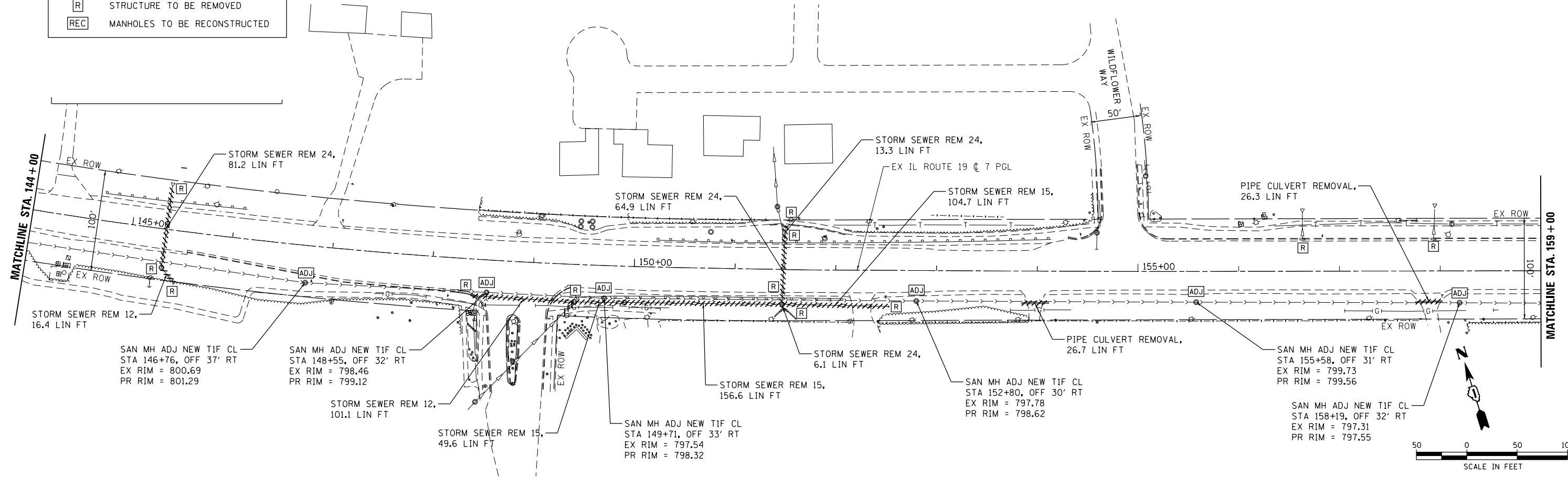


LEGEND:

	STORM SEWER REMOVAL
	PIPE CULVERT REMOVAL
	FRAMES AND LIDS TO BE ADJUSTED
	STRUCTURE TO BE REMOVED
	MANHOLES TO BE RECONSTRUCTED



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	DATE	
	BY	
	NO.	



HRG PROJECT NO. 20045
 HRG PROJ. CONT. ACT.
 FILE NAME: 20045-SR+-drainrem-02.dgn
 PEN TABLE: p101tbl.dtl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE REMOVAL AND UTILITY ADJUSTMENT PLAN
 IL RTE 19 (IRVING PARK RD)**

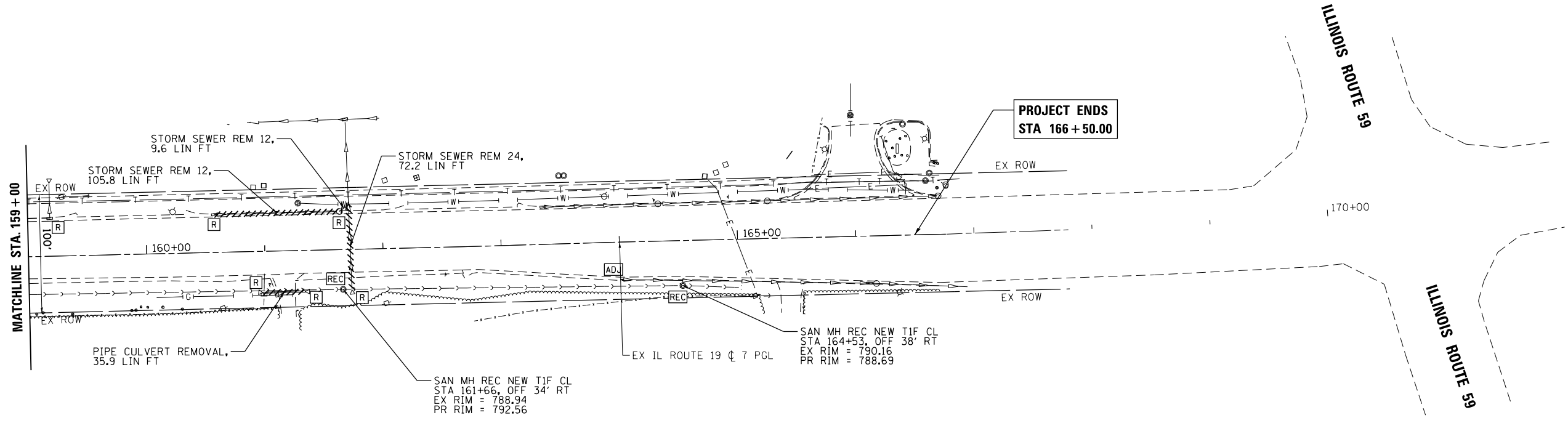
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	43
				CONTRACT NO. 61K06
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 129+00 TO STA. 159+00

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	FILE NAME	
	TABLET	

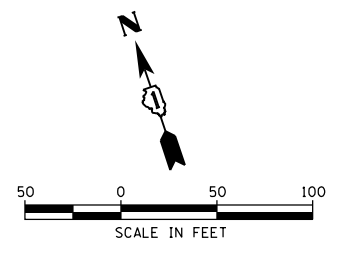
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	FILE NAME	
	TABLET	

HRG PROJECT NO: 20045
 HRG PROJ. CONT. ACT:
 FILE NAME: 20045-spr-drainrem-03.dgn
 PEN TABLE: spr-tablet.tbl



LEGEND:

	STORM SEWER REMOVAL
	PIPE CULVERT REMOVAL
	FRAMES AND LIDS TO BE ADJUSTED
	STRUCTURE TO BE REMOVED
	MANHOLES TO BE RECONSTRUCTED



HRGreen.com
 HRGreen
 Illinois Professional Design Firm
 #184-001322

USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE REMOVAL AND UTILITY ADJUSTMENT PLAN
 IL RTE 19 (IRVING PARK RD)**
 SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 159+00 TO STA. 166+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	44
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

LOCATION				INLETS TO BE ADJUSTED (EACH) 60260100	REMOVING MANHOLES (EACH) 60500040	REMOVING CATCH BASINS (EACH) 60500050	REMOVING INLETS (EACH) 60500060	VALVE VAULTS TO BE ADJUSTED (EACH) 60265700
STATION	OFFSET (FOOT)	EXIST. RIM ELEV.	PROP. RIM ELEV.					
ILLINOIS ROUTE 19								
120+84	31.2					1		
121+35	24.4					1		
123+03	26.6					1		
124+12	28.3					1		
125+23	28.8					1		
125+94	-38.0					1		
126+34	31.9					1		
128+32	-37.5					1		
128+78	-33.6				1			
131+78	-34.4							1
137+82	-34.7							1
141+06	58.6							1
142+30	-37.6							1
145+34	38.5				1			
148+42	36.4						1	
149+42	37.2				1			
150+75	-36.0							1
151+47	34.6				1			
151+49	-30.3					1		
154+59	-38.4							1
156+63	-31.9						1	
157+93	-31.8						1	
159+19	-31.9						1	
160+58	-32.0						1	
161+29	-40.1							1
161+64	-32.2					1		
164+02	31.7				1			
SUBTOTAL ILLINOIS ROUTE 19				1	4	10	5	7
TOTAL				1	4	10	5	7

LOCATION				TRENCH BACKFILL (CU YD) 20800150	STORM SEWER REMOVALS					
STATION	OFFSET (FOOT)	TO STATION	OFFSET (FOOT)		12" (FOOT)	15" (FOOT)	18" (FOOT)	20" (FOOT)	24" (FOOT)	
ILLINOIS ROUTE 19										
120+84	31.2	121+35	24.4		51.1					
121+35	24.4	123+03	26.6					168.9		
123+03	26.6	124+12	28.3					108.6		
124+12	28.3	125+23	28.8					111.3		
125+23	28.8	126+34	31.9					110.9		
125+94	-38.0	128+32	-37.5			238.7				
126+34	31.9	127+06	29.7					71.5		
128+32	-37.5	128+78	-33.6			45.6				
128+78	-33.6	128+81	40.9					74.5		
136+21	22.7	136+22	-25.7				48.4			
145+34	38.5	145+34	-42.8					81.2		
145+34	38.5	145+46	49.8		16.4					
148+42	36.4	149+42	37.2		101.1					
149+42	37.2	149+91	36.0			49.6				
149+91	36.0	151+47	34.6			156.6				
151+47	34.6	151+49	-30.3					64.9		
151+47	34.6	151+49	40.5					6.1		
151+47	34.6	152+52	35.9			104.7				
151+49	-30.3	151+50	-43.6					13.3		
160+58	-32.0	161+64	-32.2		105.8					
161+64	-32.2	161+72	-37.9		9.6					
161+72	-37.9	161+73	34.3					72.2		
SUBTOTAL ILLINOIS ROUTE 19				0	284	311	284	48	883	
TOTAL				0	284	311	285	49	884	

LOCATION				SANITARY MANHOLES TO BE ADJUSTED W/ NEW TYPE 1 FRAME, CLOSED LID (EACH) X6026056	SANITARY MANHOLES TO BE RECONSTRUCTED W/ NEW TYPE 1 FRAME, CLOSED LID (EACH) X6026057
STATION	OFFSET (FOOT)	EXIST. RIM ELEV.	PROP. RIM ELEV.		
ILLINOIS ROUTE 19					
141+48	32.8	805.71	806.05	1	
143+72	33.1	802.40	803.23	1	
146+76	37.0	800.69	801.29	1	
148+55	32.3	798.46	799.12	1	
149+71	32.5	797.54	798.32	1	
152+80	30.3	797.78	798.62	1	
155+58	30.5	799.73	799.56	1	
158+19	31.6	797.31	797.55	1	
161+66	33.7	788.94	792.56		1
164+53	38.0	790.16	788.69		1
SUBTOTAL ILLINOIS ROUTE 19				8	2
TOTAL				8	2

HRG PROJECT NO: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-spr-drain-schedule-01.dgn
 PEN TABLE: penTable.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE REMOVAL AND UTILITY ADJUSTMENT SCHEDULE
IL RTE 19 (IRVING PARK RD)

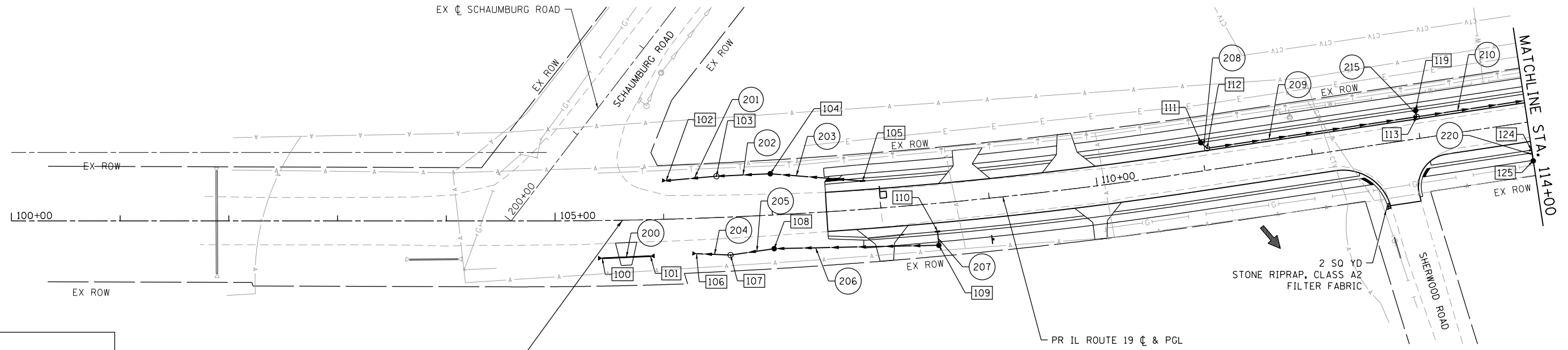
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	45
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	BY _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	BY _____	

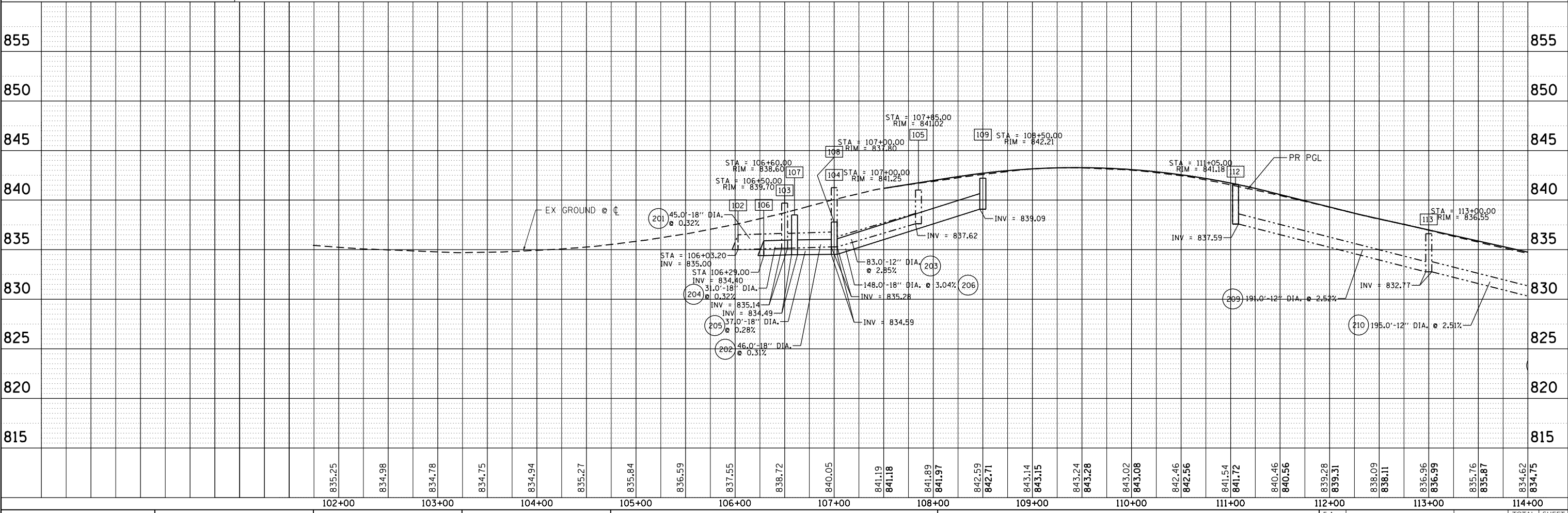
HRG PROJECT NO. 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SPT-999-04.dgn
 PEN TABLE: spt999tbl.tbl



LEGEND:

- XXX DRAINAGE STRUCTURE
- XXX STORM SEWER PIPE
- PIPE UNDERDRAINS, TYPE 2, 4" (SEE SCHEDULE)
- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS SEE DRAINAGE AND WATER MAIN CONFLICT SCHEDULE

**PROJECT BEGINS
 STA 105+62.00**



835.25	834.98	834.78	834.75	834.94	835.27	835.84	836.59	837.55	838.72	840.05	841.19	841.18	841.89	841.97	842.59	842.71	843.14	843.15	843.24	843.28	843.02	843.08	842.46	842.56	841.54	841.72	840.46	840.56	839.28	839.31	838.09	838.11	836.96	836.99	835.76	835.87	834.62	834.75
102+00	103+00	104+00	105+00	106+00	107+00	108+00	109+00	110+00	111+00	112+00	113+00	114+00																										

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USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE
 IL RTE 19 (IRVING PARK RD)**

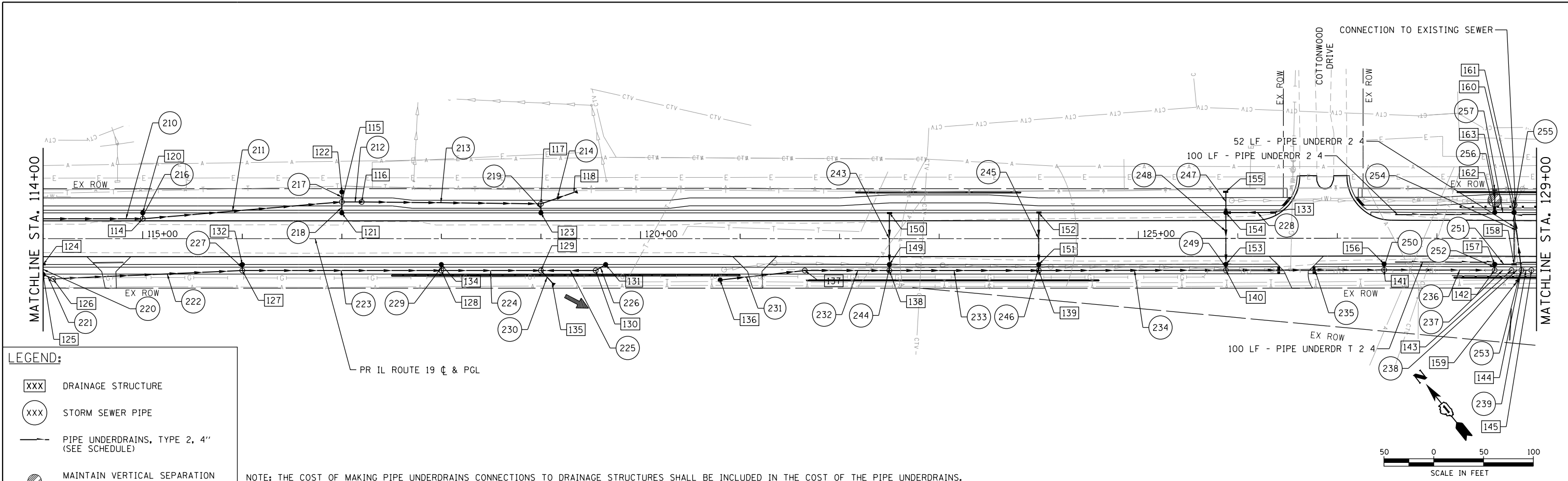
SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. 105+62.00 TO STA. 114+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	46
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
FILE NAME	
PROJECT	
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
FILE NAME	
PROJECT	
DATE	
BY	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
FILE NAME	
PROJECT	
DATE	
BY	

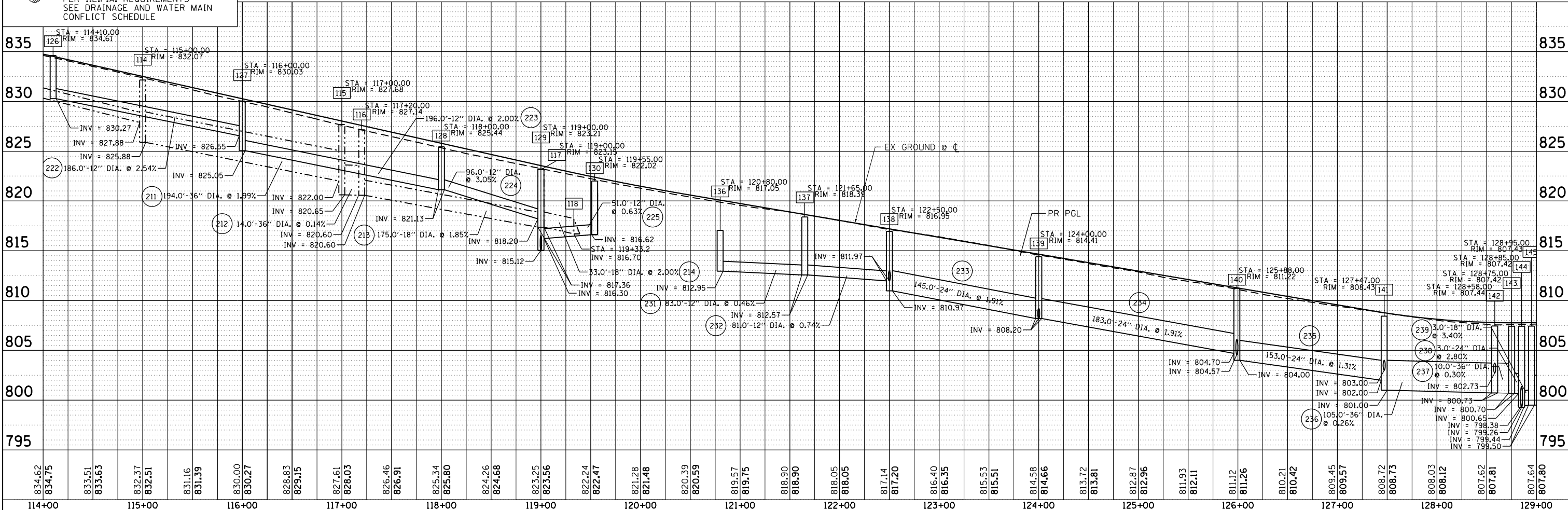
HRG PROJECT NO. 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SRF-001-02.dwg
 PEN TABLE: 1/11/2023



LEGEND:

- XXX DRAINAGE STRUCTURE
- XXX STORM SEWER PIPE
- PIPE UNDERDRAINS, TYPE 2, 4" (SEE SCHEDULE)
- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS SEE DRAINAGE AND WATER MAIN CONFLICT SCHEDULE

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



834.62	834.75	833.51	833.63	832.37	832.51	831.16	831.39	830.00	830.27	828.83	829.15	827.61	828.03	826.46	826.91	825.34	825.80	824.26	824.68	823.25	823.56	822.24	822.47	821.28	821.48	820.39	820.59	819.57	819.75	818.90	818.90	818.05	818.05	817.14	817.20	816.40	816.35	815.53	815.51	814.58	814.66	813.72	813.81	812.87	812.96	811.93	812.11	811.12	811.26	810.21	810.42	809.45	809.57	808.72	808.73	808.03	808.12	807.62	807.81	807.64	807.80
114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00																																														

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USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

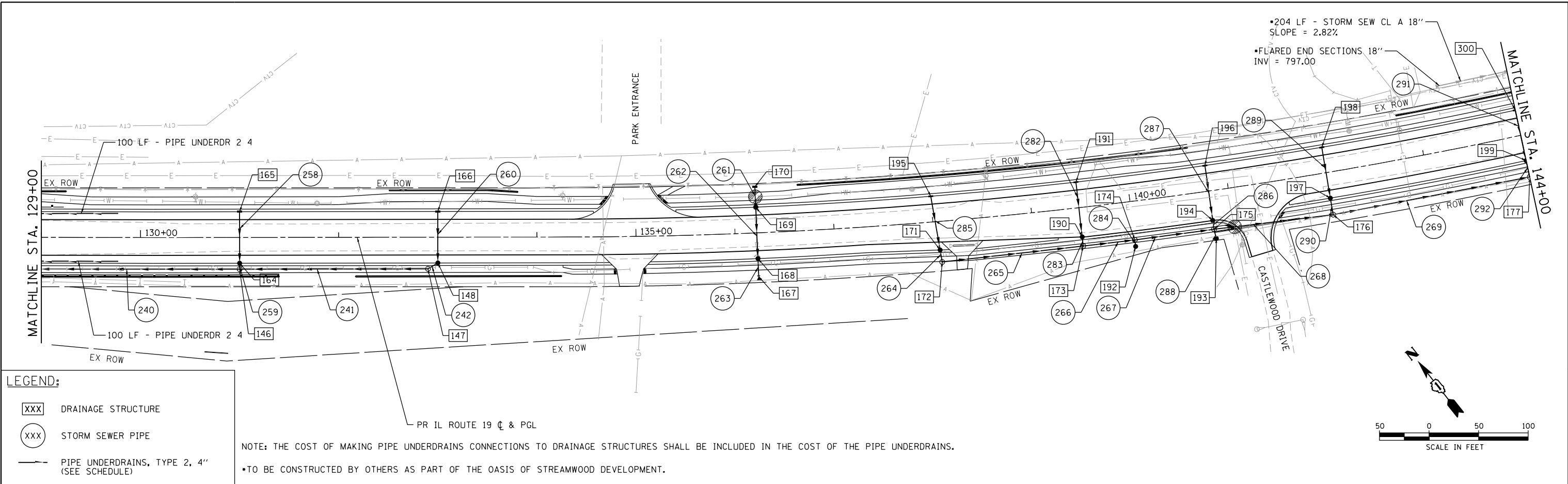
**DRAINAGE PLAN AND PROFILE
 IL RTE 19 (IRVING PARK RD)**
 SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. 114+00 TO STA. 129+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	47
CONTRACT NO. 61K06				
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	DATE _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	DATE _____	

HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SPT-999-03.dgn
 PEN TABLE: spttable.tbl



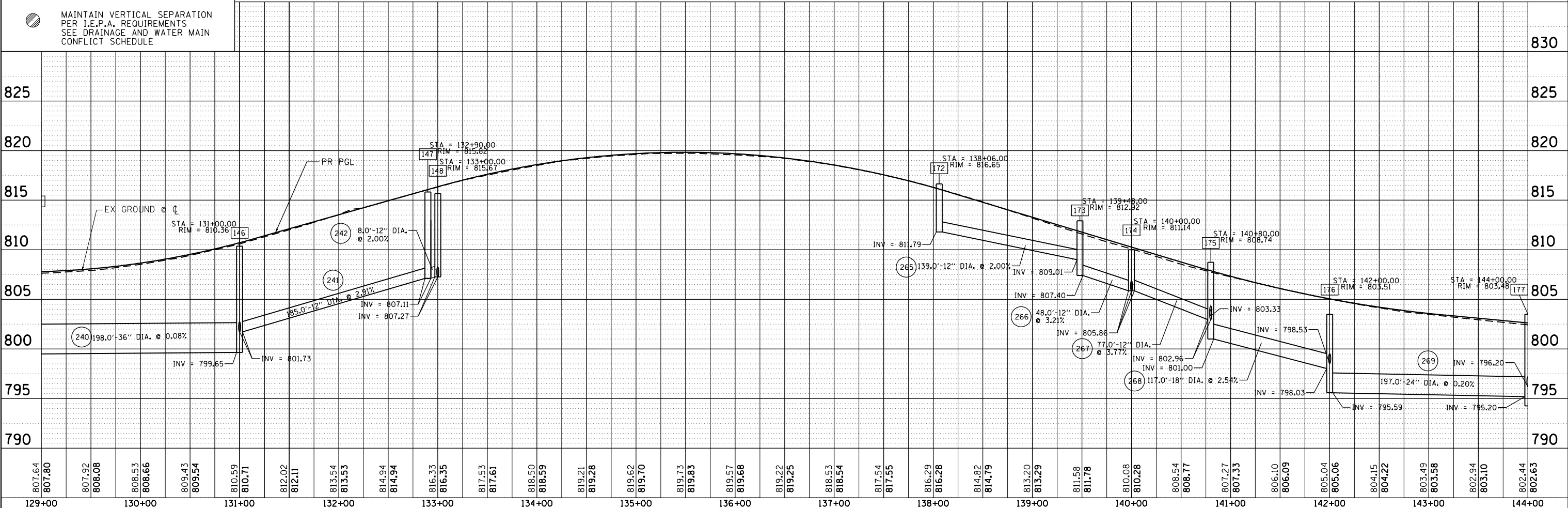
LEGEND:

- XXX DRAINAGE STRUCTURE
- XXX STORM SEWER PIPE
- PIPE UNDERDRAINS, TYPE 2, 4" (SEE SCHEDULE)
- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS SEE DRAINAGE AND WATER MAIN CONFLICT SCHEDULE

PR IL ROUTE 19 C & PGL

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

• TO BE CONSTRUCTED BY OTHERS AS PART OF THE OASIS OF STREAMWOOD DEVELOPMENT.



807.64	807.80	807.92	808.08	808.53	808.66	809.43	809.54	810.59	810.71	812.02	812.11	813.54	813.53	814.94	814.94	816.33	816.35	817.53	817.61	818.50	818.59	819.21	819.28	819.62	819.70	819.73	819.83	819.57	819.68	819.22	819.25	818.53	818.54	817.54	817.55	816.29	816.28	814.82	814.79	813.20	813.29	811.58	811.78	810.08	810.28	808.54	808.77	807.27	807.33	806.10	806.09	805.04	805.06	804.15	804.22	803.49	803.58	802.94	803.10	802.44	802.63
129+00	130+00	131+00	132+00	133+00	134+00	135+00	136+00	137+00	138+00	139+00	140+00	141+00	142+00	143+00	144+00																																														

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USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE
 IL RTE 19 (IRVING PARK RD)**

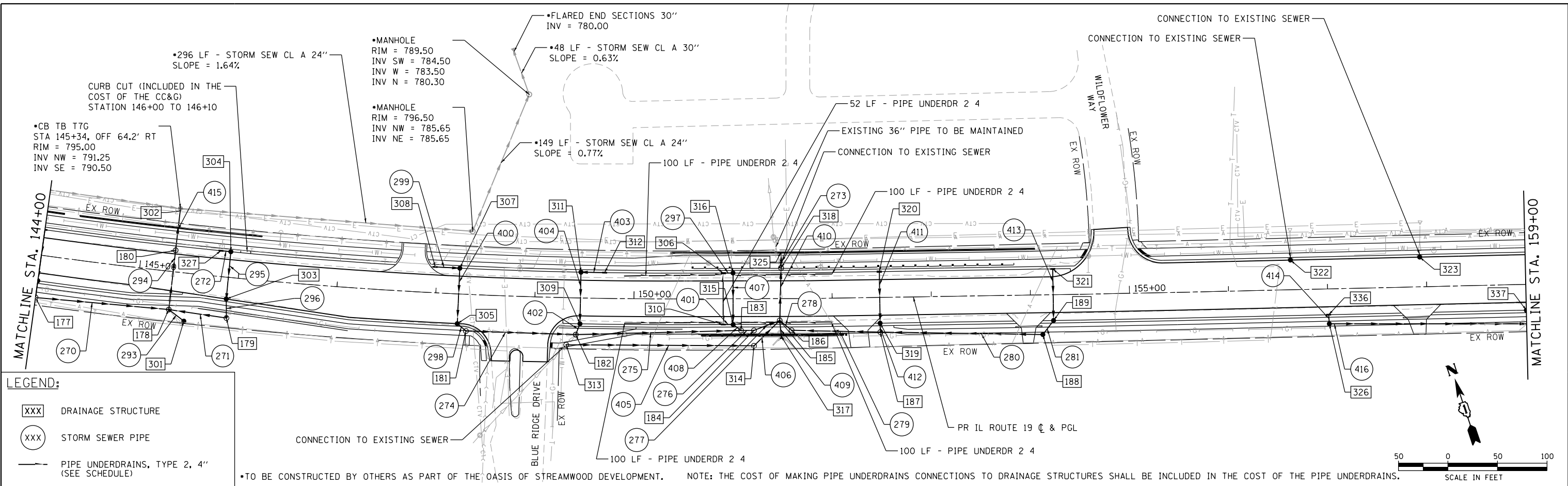
SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. 129+00 TO STA. 144+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	48
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	DESIGNED	
	DATE	
	FILE NAME	
	PLOT SCALE	
	PLOT DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	DESIGNED	
	DATE	
	FILE NAME	
	PLOT SCALE	
	PLOT DATE	

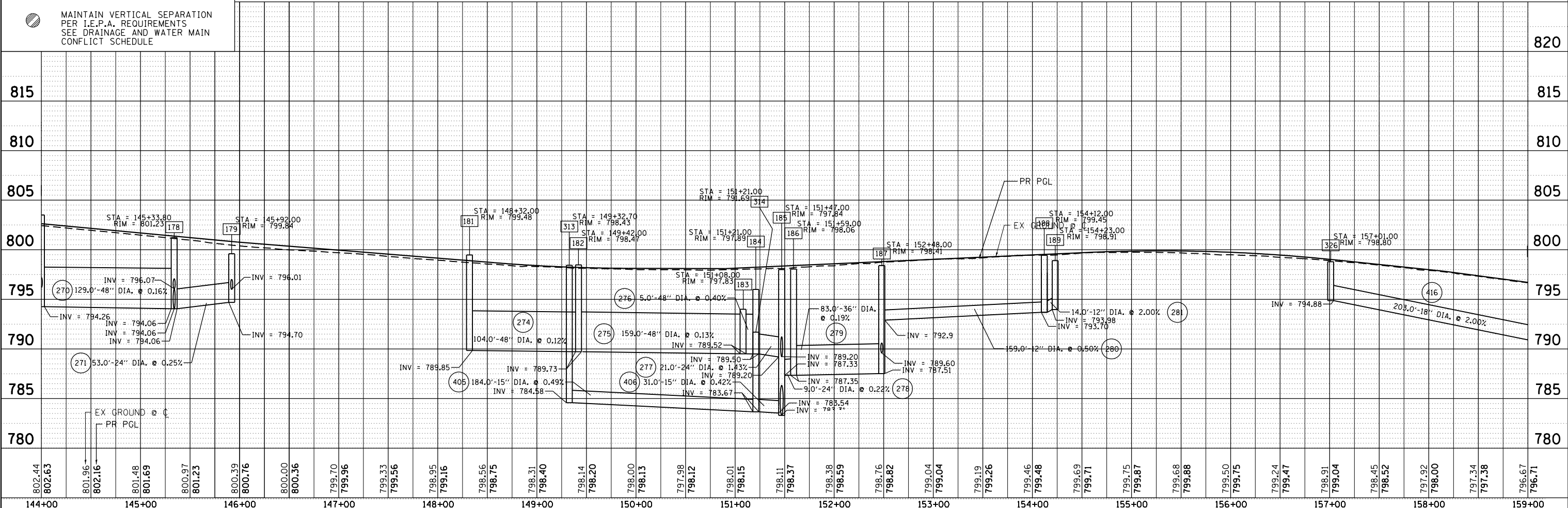
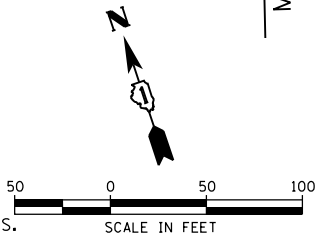
HRG PROJECT NO. 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SFR-095-04.dgn
 PEN TABLE: r101table.tbl



LEGEND:

- XXX DRAINAGE STRUCTURE
- XXX STORM SEWER PIPE
- PIPE UNDERDRAINS, TYPE 2, 4" (SEE SCHEDULE)
- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS SEE DRAINAGE AND WATER MAIN CONFLICT SCHEDULE

*TO BE CONSTRUCTED BY OTHERS AS PART OF THE OASIS OF STREAMWOOD DEVELOPMENT. NOTE: THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.

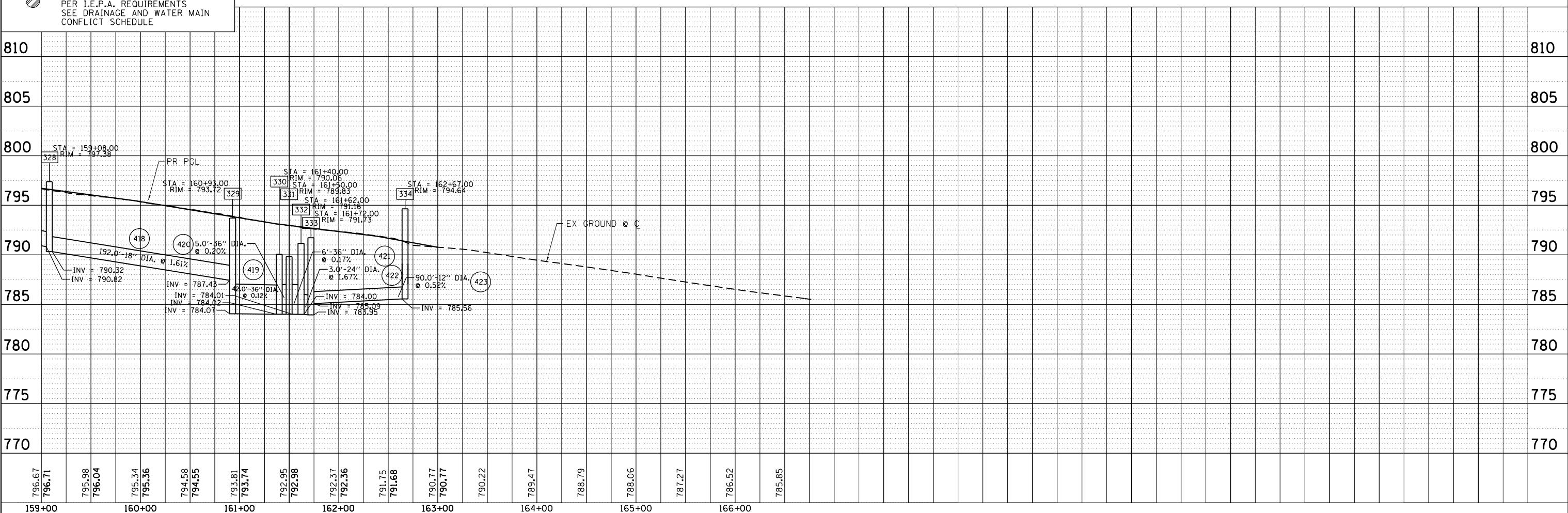
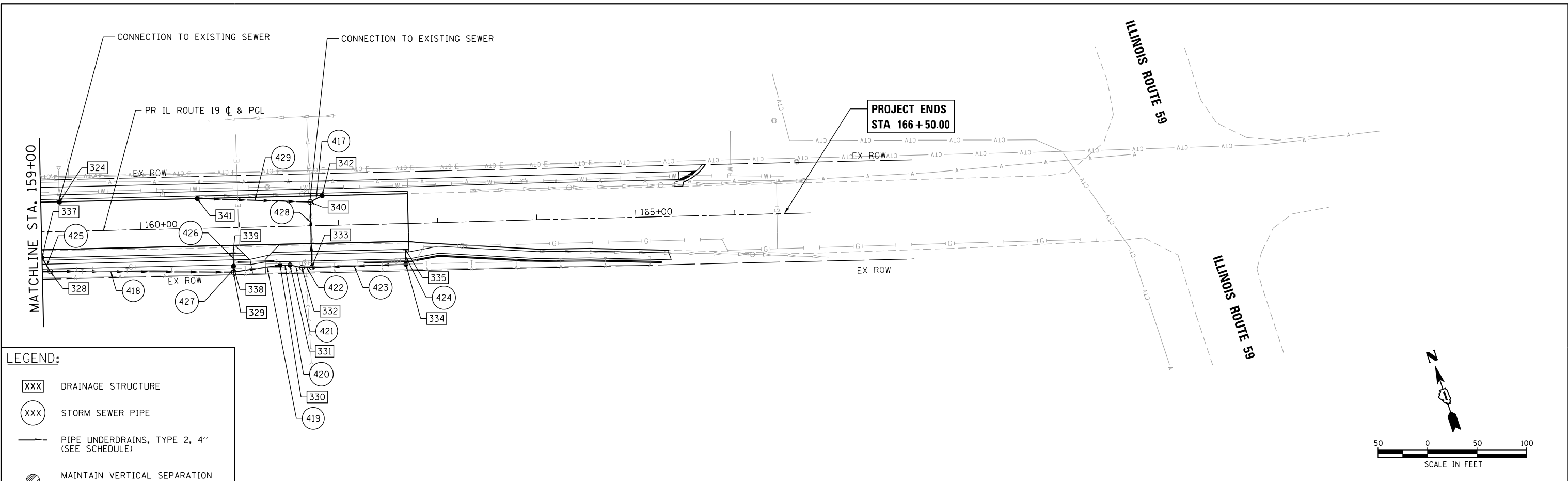


144+00	145+00	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00	154+00	155+00	156+00	157+00	158+00	159+00																																														
802.44	802.63	801.96	802.16	801.48	801.69	800.97	801.23	800.39	800.76	800.00	800.36	799.70	799.96	799.33	799.56	799.95	799.16	799.56	799.75	798.31	798.40	798.14	798.20	798.00	798.13	797.98	798.12	798.01	798.15	798.11	798.37	798.38	798.59	798.76	798.82	799.04	799.04	799.19	799.26	799.46	799.48	799.69	799.71	799.75	799.87	799.68	799.88	799.50	799.75	799.24	799.47	798.91	799.04	798.45	798.52	797.92	798.00	797.34	797.38	796.67	796.71

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	NOTE BOOK
	NO.
	FILE NAME
	PROJECT NAME
	CONTRACT NO.
	CADD FILE NAME

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	NO.
	FILE NAME
	PROJECT NAME
	CONTRACT NO.
	CADD FILE NAME

HRG PROJECT NO. 20045
HRG PROJ. CONTACT
FILE NAME: 20045-SF+995-05.dgn
PEN TABLE: p101tbl.tbl



Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation																														
159+00	796.67	160+00	796.71	160+00	795.98	160+00	796.04	160+00	795.34	160+00	795.36	160+00	794.58	160+00	794.55	160+00	793.81	160+00	793.74	161+00	792.95	161+00	792.98	161+00	792.37	161+00	792.36	161+00	791.75	161+00	791.68	161+00	790.77	161+00	790.77	162+00	790.22	162+00	789.47	162+00	788.79	162+00	788.06	162+00	787.27	162+00	786.52	162+00	785.85

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USER NAME	= jhorwit
DESIGNED	-
DRAWN	- JCH
CHECKED	- TEH
DATE	-

REVIS	-
REVIS	-
REVIS	-
REVIS	-

PLOT SCALE	= 100,0000' / in.
PLOT DATE	= 11/15/2023

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE
IL RTE 19 (IRVING PARK RD)**

SCALE: 1"=50'
SHEET 5 OF 5 SHEETS
STA. 159+00 TO STA. 166+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	50
CONTRACT NO.			61K06	
ILLINOIS	FED. AID PROJECT			

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STR. ID	STATION	OFFSET	STRUCTURE TYPE	MANHOLES, CB & INLETS RIM ELEV.	STORM SEWER INVERTS					PIPE UNDERDRAIN INVERTS				PAY ITEM NO.
					NORTHEAST	NORTH	WEST	SOUTHWEST	SOUTH	EAST	NORTH	WEST	SOUTH	
ILLINOIS ROUTE 19														
100	105+43.0	34.71	PRC FLAR END SEC 18							834.00				54213663
101	105+87.1	33.53	PRC FLAR END SEC 18			834.22								54213663
102	106+03.2	-35.42	PRC FLAR END SEC 18							835.00				54213663
103	106+50.0	-38.00	MAN TA 6D TIF CL R-P	839.70						835.14				X6020094
104	107+00.0	-38.00	CB TA 4 DIA T8G	841.25						835.28				60200805
105	107+85.0	-26.00	INLETS TA T24F&G	841.02						837.62				60237470
106	106+29.0	32.50	PRC FLAR END SEC 18							834.40				54213663
107	106+60.0	35.00	MAN TA 6D TIF CL R-P	838.60						834.49				X6020094
108	107+00.0	31.00	CB TA 4 DIA T8G	837.80						834.59				60200805
109	108+50.0	38.66	CB TA 4 DIA T8G	842.21		839.09	839.09							60200805
110	108+50.0	26.00	INLETS TA T24F&G	842.79					839.29					60237470
111	111+00.0	-26.00	CB TC T24F&G	841.04		837.73								60208240
112	111+05.0	-20.00	MAN TA 4 DIA TIF CL	841.18					837.59	837.59				60218400
113	113+00.0	-20.00	MAN TA 4 DIA TIF CL	836.55			832.77		832.77	832.77				60218400
114	115+00.0	-20.00	MAN TA 6 DIA TIF CL	832.07			827.88		828.65	825.88				60223800
115	117+00.0	-37.00	MAN TA 6 DIA TIF CL	827.68		824.18	822.00		824.18	820.65				60223800
116	117+20.0	-37.00	MAN TA 8D TIF CL R-P	827.14			820.60			820.60				X6020298
117	119+00.0	-35.00	MAN TA 4 DIA TIF CL	823.15			817.36		817.36	817.36				60218400
118	119+33.2	-46.50	PRC FLAR END SEC 18				816.70							54213663
119	113+00.0	-26.00	CB TC T24F&G	836.31		832.81								60208240
120	115+00.0	-26.00	CB TC T24F&G	831.83		828.69								60208240
121	117+00.0	-26.00	CB TC T24F&G	827.35		824.32								60208240
122	117+00.0	-47.00	CB TC T8G	826.64					824.30					60207605
123	119+00.0	-26.00	CB TC T24F&G	822.88		817.48								60208240
124	114+00.0	26.00	INLETS TA T24F&G	834.07					830.55					60237470
125	114+00.0	36.00	CB TA 4 DIA T8G	834.38		830.41				830.41				60200805
126	114+10.0	40.38	MAN TA 4 DIA TIF CL	834.61			830.27			830.27				60218400
127	116+00.0	32.00	MAN TA 4 DIA TIF CL	830.03		825.05	826.55			825.05				60218400
128	118+00.0	32.00	MAN TA 4 DIA TIF CL	825.44		821.13	821.13			821.13				60218400
129	119+00.0	32.00	MAN TA 4 DIA TIF CL	823.21			818.20		815.12	816.30				60218400
130	119+55.0	32.00	MAN TA 4 DIA TIF CL	822.02			816.62			816.62				60218400
131	119+65.0	26.00	CB TC T24F&G	821.48			816.80							60208240
132	116+00.0	26.00	CB TC T24F&G	829.59					825.08					60208240
133	126+35.0	-26.00	INLETS TA T24F&G	809.44			805.74							60237470
134	118+00.0	26.00	CB TC T24F&G	825.12					821.19					60208240
135	119+11.3	44.13	PRC FLAR END SEC 18			814.82								54213663
136	120+80.0	41.50	CB TC T8G	817.05						812.95				60207605
137	121+65.0	32.00	MAN TA 4 DIA TIF CL	818.39			812.57			812.57				60218400
138	122+50.0	32.00	MAN TA 5 DIA TIF CL	816.95		811.97	811.97			810.97				60221100
139	124+00.0	32.00	MAN TA 5 DIA TIF CL	814.41		809.20	808.20			808.20				60221100
140	125+88.0	32.00	MAN TA 5 DIA TIF CL	811.22		804.57	804.70			804.00				60221100
141	127+47.0	32.00	MAN TA 6 DIA TIF CL	808.43		803.00	802.00			801.00				60223800
142	128+58.0	32.00	MAN TA 6 DIA TIF CL	807.44		802.73	800.73			800.73				60223800
143	128+75.0	32.00	MAN TA 8D TIF CL R-P	807.42			800.70			800.70				X6020298
144	128+85.0	32.00	MAN TA 7 DIA TIF CL	807.42		798.38	800.65		799.26	799.44				60224446
145	128+95.0	32.00	MAN TA 8D TIF CL R-P	807.43			799.50			799.50				X6020298
146	131+00.0	32.00	MAN TA 6 DIA TIF CL	810.36		801.73	799.65			801.73				60223800
147	132+90.0	32.00	MAN TA 4 DIA TIF CL	815.82			807.11			807.11				60218400
148	133+00.0	26.00	CB TA 4 DIA T24F&G	815.67		807.27	807.27							60201340
149	122+50.0	26.00	CB TA 4 DIA T24F&G	816.52		812.03			812.03					60201340
150	122+50.0	-26.00	INLETS TA T24F&G	816.52					813.01					60237470
151	124+00.0	26.00	CB TA 4 DIA T24F&G	813.98		809.24			809.24					60201340
152	124+00.0	-26.00	INLETS TA T24F&G	813.98					810.22					60237470
153	125+88.0	26.00	CB TA 4 DIA T24F&G	810.79		804.60			804.60					60201340
154	125+88.0	-26.00	CB TA 4 DIA T24F&G	810.79		804.86			804.86	804.86				60201340
155	125+88.0	-47.00	CB TC T8G	810.28					804.91					60207605
156	127+47.0	26.00	CB TC T24F&G	808.10					803.04					60208240
157	128+58.0	26.00	CB TA 4 DIA T24F&G	807.11					802.77	802.77				60201340
158	128+77.5	26.00	INLETS TA T24F&G	807.09			803.11							60237470
159	128+80.5	43.50	PRC FLAR END SEC 24			799.30								54213669
160	128+77.5	-26.00	CB TA 4 DIA T24F&G	807.09		798.28	799.71		798.28					60201340
161	128+77.9	-33.57	MAN TA 6 DIA TIF CL	806.12		EX-798.27	EX-798.69		798.27					60223800
162	128+58.0	-26.00	CB TA 4 DIA T24F&G	807.11		799.77				799.77				60201340
163	128+58.0	-49.00	CB TC T8G	803.37					799.87					60207605
164	131+00.0	26.00	CB TA 4 DIA T24F&G	810.03		801.79			801.79					60201340
165	131+00.0	-26.00	INLETS TA T24F&G	810.03					802.77					60237470
166	133+00.0	-26.00	INLETS TA T24F&G	815.67					808.25					60237470
167	136+22.0	44.00	PRC FLAR END SEC 12			814.50								54213657
168	136+22.0	26.00	CB TA 4 DIA T24F&G	819.57		814.58			814.58					60201340
169	136+22.0	-26.00	CB TA 4 DIA T24F&G	818.85		814.80			814.80					60201340
170	136+22.0	-46.50	CB TC T8G	819.47					814.89					60207605
171	138+05.0	28.81	INLETS TA T24F&G	816.24		811.83			811.83					60237470
172	138+06.0	41.00	CB TA 4 DIA TIF CL	816.65		811.79				811.79				60200205
173	139+48.0	39.00	MAN TA 4 DIA TIF CL	812.92		807.79	809.01			807.40				60218400
174	140+00.0	39.00	MAN TA 4 DIA TIF CL	811.14			805.86		805.86	805.86				60218400
175	140+80.0	39.00	MAN TA 5 DIA TIF CL	808.74		803.33	802.96		802.96	801.00				60221100
176	142+00.0	43.00	MAN TA 5 DIA TIF CL	803.51		798.53	798.03			795.59				60221100

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-spr-drain-schedule-01.dgn
 PLOT DATE: 11/15/2023
 PEN TABLE: sp10tbl.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE SCHEDULE
 IL RTE 19 (IRVING PARK RD)

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	51
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STR. ID	STATION	OFFSET	STRUCTURE TYPE	MANHOLES, CB & INLETS RIM ELEV.	STORM SEWER INVERTS					PIPE UNDERDRAIN INVERTS				PAY ITEM NO.
					NORTHEAST	NORTH	WEST	SOUTHWEST	SOUTH	EAST	NORTH	WEST	SOUTH	
ILLINOIS ROUTE 19														
177	144+00.0	43.00	MAN TA 6 DIA T1F CL	803.48		796.20	795.20			794.26				60223800
178	145+33.8	38.49	MAN TA 8 DIA T1F CL	801.23		794.06	794.06			796.07	794.06			60224459
179	145+92.0	41.00	MAN TA 4 DIA T1F CL	799.84		796.01	794.70							60218400
180	145+34.1	-21.68	MAN TA 8D T1F CL R-P	800.87		792.35				793.27				X6020298
181	148+32.0	37.00	MAN TA 6 DIA T1F CL	799.48		793.26				789.85				60223800
182	149+42.0	37.00	MAN TA 8 DIA T1F CL	798.47		792.85	789.73			789.73				60224459
183	151+08.0	32.00	MAN TA 8 DIA T1F CL	797.83		792.52	789.52			789.52				60224459
184	151+21.0	32.00	MAN TA 8D T1F CL R-P	797.89		789.50				789.50				X6020298
185	151+47.0	22.00	MAN TA 6 DIA T1F CL	797.84		783.31	789.20	783.54	789.20	787.33				60223800
186	151+59.0	32.00	MAN TA 8D T1F CL R-P	798.06		787.35				787.35				X6020298
187	152+48.0	35.00	MAN TA 6 DIA T1F CL	798.41		789.60				787.51				60223800
188	154+12.0	40.00	CB TA 4 DIA T1F CL	799.45		793.70	793.70							60200205
189	154+23.0	26.00	CB TA 4 DIA T24F&G	798.91		793.98			793.98					60201340
190	139+48.0	29.71	CB TA 4 DIA T24F&G	812.44		807.89			807.89					60201340
191	139+48.0	-26.00	INLETS TA T24F&G	811.16					808.16					60237470
192	140+00.0	45.66	CB TC T8G	810.08		805.94								60207605
193	140+81.0	48.50	CB TC T8G	804.75		803.10								60207605
194	140+80.0	30.00	CB TA 4 DIA T24F&G	808.48		803.43			803.43					60201340
195	138+00.0	-26.00	INLETS TA T24F&G	815.60					812.10					60237470
196	140+80.0	-26.00	INLETS TA T24F&G	807.20					803.70					60237470
197	142+00.0	26.00	CB TA 4 DIA T24F&G	805.10		798.83			808.83					60201340
198	142+00.0	-26.00	INLETS TA T24F&G	804.38					799.81					60237470
199	144+00.0	26.00	CB TA 4 DIA T24F&G	802.67		796.50			796.50					60201340
300	144+00.0	-26.00	INLETS TA T24F&G	801.95					797.48					60237470
301	145+50.0	48.44	CB TC T8G	797.45		796.20								60207605
302	145+34.2	-45.05	CONNECT TO EXISTING						791.76					
303	145+90.0	21.89	CB TA 4 DIA T24F&G	801.29		796.29			796.29					60201340
304	145+90.0	-26.00	INLETS TA T24F&G	800.17			797.19		797.19					60237470
305	148+23.0	30.00	CB TA 4 DIA T24F&G	799.57		793.30			793.30					60201340
306	150+90.0	-26.00	INLETS TA T24F&G	797.43					793.65					60237470
307	148+23.0	-26.00	CB TA 4 DIA T24F&G	798.29		793.47			793.47					60201340
308	147+98.0	-26.00	INLETS TA T24F&G	798.49					793.91					60237470
309	149+46.0	26.00	CB TA 4 DIA T24F&G	798.25		792.95			792.95					60201340
310	150+90.0	26.00	INLETS TA T24F&G	797.70					792.67					60237470
311	149+46.0	-26.00	CB TA 4 DIA T24F&G	797.53					793.93	793.93				60201340
312	149+70.0	-26.00	INLETS TA T24F&G	797.47			794.35							60237470
313	149+32.7	47.50	MAN TA 6 DIA T1F CL	798.43					EX-785.78	784.58				60223800
314	151+21.0	47.50	MAN TA 6 DIA T1F CL	791.69	783.67		783.67							60223800
315	151+00.0	26.00	CB TA 4 DIA T24F&G	797.74		792.60	792.60		792.60					60201340
316	151+00.0	-26.00	INLETS TA T24F&G	797.47			793.58		793.58					60237470
317	151+48.3	40.72	PRC FLAR END SEC 24			789.23								54213669
318	151+48.5	-31.00	MAN TA 5 DIA T1F CL	797.57	789.26	EX-780.86			782.21					60221100
319	152+48.0	26.00	CB TA 4 DIA T24F&G	798.13		789.68			789.68					60201340
320	152+48.0	-26.00	INLETS TA T24F&G	798.13					790.66					60237470
321	154+23.0	-26.00	INLETS TA T24F&G	798.91					794.96					60237470
322	156+63.2	-30.00	CB TC T24F&G	798.77		796.35								60208240
323	157+93.6	-30.00	CB TC T24F&G	797.46		794.83								60208240
324	159+18.9	-30.00	CB TC T24F&G	795.86		793.45								60208240
325	151+48.5	-47.00	END OF PIPE						789.20					
326	157+01.0	35.19	CB TA 4 DIA T8G	798.80		794.88			794.88					60200805
327	145+80.0	-26.00	INLETS TA T24F&G	800.27					797.26					60237470
328	159+08.0	40.00	MAN TA 5 DIA T1F CL	797.38		791.32	790.82		790.32					60221100
329	160+93.0	45.00	MAN TA 6 DIA T1F CL	793.72		787.93	787.43		784.07					60223800
330	161+40.0	39.00	CB TA 5 DIA T8G	790.06			784.02		784.02					60204505
331	161+50.0	39.00	CB TA 5 DIA T8G	789.83			784.01		784.01					60204505
332	161+62.0	42.00	MAN TA 8D T1F CL R-P	791.16			784.00		784.00					X6020298
333	161+72.0	42.00	MAN TA 6 DIA T1F CL	791.73		783.86	783.95		785.09					60223800
334	162+67.0	39.00	CB TA 4 DIA T1F CL	794.64		785.56	785.56							60200205
335	162+67.0	26.00	INLETS TA T24F&G	790.69					785.76					60237470
336	157+00.5	26.00	INLETS TA T24F&G	798.35					794.94					60237470
337	159+00.0	26.00	CB TC T24F&G	796.03					791.58					60208240
338	160+93.0	39.00	CB TA 4 DIA T8G	792.89		787.95			787.95					60200805
339	160+93.0	26.00	INLETS TA T24F&G	793.17					788.05					60237470
340	161+71.6	-36.00	MAN TA 6 DIA T1F CL	792.42	EX-783.54	784.54			783.54	784.54				60223800
341	160+58.0	-30.00	CB TC T24F&G	793.82					786.74					60208240
342	161+84.0	-30.00	CB TC T24F&G	791.96		784.74								60208240

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-spr-drain-schedule-01.dgn
 PEN TABLE: spr-table.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE SCHEDULE
 IL RTE 19 (IRVING PARK RD)

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	52
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

PROPOSED DRAINAGE PIPE SCHEDULE

LOCATION			SLOPE (%)	TRENCH BACKFILL (CU YD)	STORM SEWERS CLASS A, TYPE 1				STORM SEWERS CLASS A, TYPE 2				STORM SEWERS CLASS A, TYPE 3		STORM SEWERS RUBBER GASKET CLASS A, TYPE 1	STORM SEWERS RUBBER GASKET CLASS A, TYPE 2			
ID NUMBER	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STRUCTURE ID NUMBER			12" (FOOT)	18" (FOOT)	24" (FOOT)	36" (FOOT)	12" (FOOT)	18" (FOOT)	24" (FOOT)	36" (FOOT)	48" (FOOT)	15" (FOOT)	24" (FOOT)	12" (FOOT)	12" (FOOT)	18" (FOOT)	48" (FOOT)
ILLINOIS ROUTE 19 (IRVING PARK ROAD)				20800150	550A0050	550A0090	550A0120	550A0160	550A0340	550A0380	550A0410	550A0450	550A0480	550A0660	550A0710	550A2320	550A2520	550A2540	550A2620
200	101	100	0.49%			45.0													
201	103	102	0.32%			44.0													
202	104	103	0.31%							45.0									
203	105	104	2.85%	8.8					82.0										
204	107	106	0.32%			28.0													
205	108	107	0.28%			36.0													
206	109	108	3.04%	9.0						148.0									
207	110	109	2.00%	1.8					10.0										
208	111	112	2.80%	1.0					5.0										
209	112	113	2.52%	41.1					191.0										
210	113	114	2.51%	50.2					195.0										
211	114	115	1.99%	140.1								195.0							
212	115	116	0.14%	12.9								14.0							
213	116	117	1.85%	138.8						175.0									
214	117	118	2.00%	3.1						33.0									
215	119	113	1.33%	0.7					3.0										
216	120	114	2.00%	0.4					2.0										
217	122	115	2.00%	1.0	6.0														
218	121	115	2.00%	1.3					7.0										
219	123	117	2.00%	4.0					6.0										
220	124	125	2.00%	1.7					7.0										
221	125	126	2.00%	0.6					7.0										
222	126	127	2.54%	13.8					186.0										
223	127	128	2.00%	62.8					196.0										
224	128	129	3.05%	30.8					96.0										
225	130	129	0.63%	38.8					51.0										
226	131	130	2.00%	3.3					9.0										
227	132	127	1.00%	1.1					3.0										
228	133	154	2.00%	10.4					44.0										
229	134	128	2.00%	0.9	3.0														
230	129	135	3.33%	2.2						9.0									
231	136	137	0.46%	19.1					83.0										
232	137	138	0.74%	51.2					81.0										
233	138	139	1.91%	110.8							145.0								
234	139	140	1.91%	154.9							183.0								
235	140	141	1.31%	141.9							153.0								
236	141	142	0.26%	101.3								105.0							
237	142	143	0.30%	8.7								10.0							
238	143	144	1.67%	2.8							3.0								
239	145	144	2.00%	3.4						3.0									
240	146	145	0.08%	308.3								198.0							
241	147	146	2.91%	211.9					185.0										
242	148	147	2.00%	9.2					8.0										
243	150	149	2.00%	7.5	49.0														
244	149	138	3.00%	0.5					2.0										
245	152	151	2.00%	8.5	49.0														
246	151	139	2.00%	0.6					2.0										
247	155	154	0.28%	12.4						18.0									
248	154	153	0.54%	19.6						48.0									
249	153	140	1.50%	1.3						2.0									
250	156	141	2.00%	0.6					2.0										
251	158	157	2.00%	3.0	17.0														
252	157	142	4.00%	0.3					1.0										
253	159	144	0.20%	1.2							5.0								
254	144	160	1.04%	60.0							53.0								
255	160	161	2.00%	3.2							3.0								
256	163	162	0.50%	12.7												20.0			
257	162	160	0.37%	12.7					16.0										
258	165	164	2.00%	42.0					49.0										
259	164	146	6.00%	1.0					1.0										
260	166	148	2.00%	43.6					49.0										
261	170	169	0.50%	5.1												18.0			
262	169	168	0.46%	10.4	48.0														
263	168	167	0.80%	1.6	10.0														
264	171	172	0.44%	2.9					9.0										
265	172	173	2.00%	38.7					139.0										
266	173	174	3.21%	30.4					48.0										
267	174	175	3.77%	51.2					77.0										
268	175	176	2.54%	43.8															
269	176	177	0.20%							197.0							117.0		
270	177	178	0.16%									129.0							
271	179	178	0.25%																
272	327	304	0.87%	1.1	8.0		53.0												
273	318	325	0.43%	18.3													14.0		
274	181	182	0.12%	127.6															
275	182	183	0.13%	213.4								159.0							104.0
276	183	184	0.40%	6.5								5.0							

HRG PROJECT NO: 200415
 HRG PROJ CONTACT:
 FILE NAME: 200415-spr-drain-schedule-01.dgn
 PEN TABLE: penTable.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 2,000.0' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PIPE SCHEDULE
 IL RTE 19 (IRVING PARK RD)

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	53
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE PIPE SCHEDULE

LOCATION			SLOPE (%)	TRENCH BACKFILL	STORM SEWERS CLASS A, TYPE 1				STORM SEWERS CLASS A, TYPE 2				STORM SEWERS CLASS A, TYPE 3		STORM SEWERS RUBBER GASKET CLASS A, TYPE 1	STORM SEWERS RUBBER GASKET CLASS A, TYPE 2			
ID NUMBER	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STRUCTURE ID NUMBER		(CU YD)	12" (FOOT)	18" (FOOT)	24" (FOOT)	36" (FOOT)	12" (FOOT)	18" (FOOT)	24" (FOOT)	36" (FOOT)	48" (FOOT)	15" (FOOT)	24" (FOOT)	12" (FOOT)	12" (FOOT)	18" (FOOT)	48" (FOOT)
ILLINOIS ROUTE 19 (IRVING PARK ROAD)				20800150	550A0050	550A0090	550A0120	550A0160	550A0340	550A0380	550A0410	550A0450	550A0480	550A0660	550A0710	550A2320	550A2520	550A2540	550A2620
277	184	185	1.43%	26.4							21.0								
278	186	185	0.22%	16.1							9.0								
279	187	186	0.19%	166.2								83.0							
280	188	187	0.50%	146.5					159.0										
281	189	188	2.00%	8.9					14.0										
282	191	190	0.51%	7.0	53.0														
283	190	173	2.00%	1.2					5.0										
284	192	174	2.00%	1.3					4.0										
285	195	171	0.51%	8.1					53.0										
286	194	175	2.00%	1.4					5.0										
287	196	194	0.51%	10.3					53.0										
288	193	175	2.00%	1.6					7.0										
289	198	197	2.00%	14.7					49.0										
290	197	176	2.31%	8.7					13.0										
291	300	199	2.00%	14.7					49.0										
292	199	177	2.31%	11.2					13.0										
293	301	178	0.93%						14.0										
294	178	180	0.31%	54.6							52.0								
295	304	303	2.00%	6.9	45.0														
296	303	179	2.00%	3.6	14.0														
297	306	316	0.87%	1.1												8.0			
298	305	181	0.57%	2.9					7.0										
299	308	307	2.00%	5.2												22.0			
400	307	305	0.33%	17.3						52.0									
401	310	315	1.00%	2.0					7.0										
402	309	182	1.67%	1.0						6.0									
403	312	311	2.00%	2.8											21.0				
404	311	309	2.04%	8.7		48.0													
405	313	314	0.49%	30.5									184.0						
406	314	185	0.42%	13.1									31.0						
407	316	315	2.00%	10.6					49.0										
408	315	183	2.00%	1.2					4.0										
409	317	185	0.23%	8.4							13.0								
410	185	318	2.29%	115.0										48.0					
411	320	319	2.00%	43.6					49.0										
412	319	187	2.00%	4.6					4.0										
413	321	189	2.00%	9.6	49.0														
414	336	326	1.00%	1.3					6.0										
415	180	302	1.51%	4.1												38.0			
416	326	328	2.00%	76.3						203.0									
417	342	340	2.00%	8.7						10.0									
418	328	329	1.61%							180.0									
419	329	330	0.12%	21.0								42.0							
420	330	331	0.20%				5.0												
421	331	332	0.17%				6.0												
422	332	333	1.67%								3.0								
423	334	333	0.52%						90.0										
424	335	334	1.67%	8.8					12.0										
425	337	328	2.00%	5.0					13.0										
426	339	338	1.00%	3.7					10.0										
427	338	329	2.00%						1.0										
428	333	340	0.53%	63.0							60.0								
429	341	340	2.00%	90.7					110.0										
SUBTOTAL ILLINOIS ROUTE 19				3555.4	351.0	201.0	53.0	11.0	2645.0	939.0	900.0	647.0	293.0	215.0	48.0	21.0	106.0	131.0	104.0
TOTAL				3,556	351	201	53	11	2,645	939	900	647	293	215	48	21	106	131	104

HRG PROJECT NO: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-spr-drain-schedule-01.dgn
 PEN TABLE: spr-table.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PIPE SCHEDULE
 IL RTE 19 (IRVING PARK RD)

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	54
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

SS PIPE NUMBER	LOCATION		CONFLICT TYPE	TOP OF PIPE ELEVATION	BOTTOM OF PIPE ELEVATION	CLEARANCE (FOOT)
	STATION	OFFSET (+ RT, - LT)				
256	128+58.00	-38.6	HORIZONTAL CROSSING	800.99	805.19	4.20
261	136+22.00	-36.5	HORIZONTAL CROSSING	809.78	814.67	4.89
268	141+00.80	39.5	HORIZONTAL CROSSING	799.66	800.31	0.65

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-spr-drain-schedule-01.dgn
 PLOT DATE: 11/15/2023 10:41:17 AM
 PEN TABLE: penTable.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
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PLOT DATE = 11/15/2023	DATE -	REVISED -

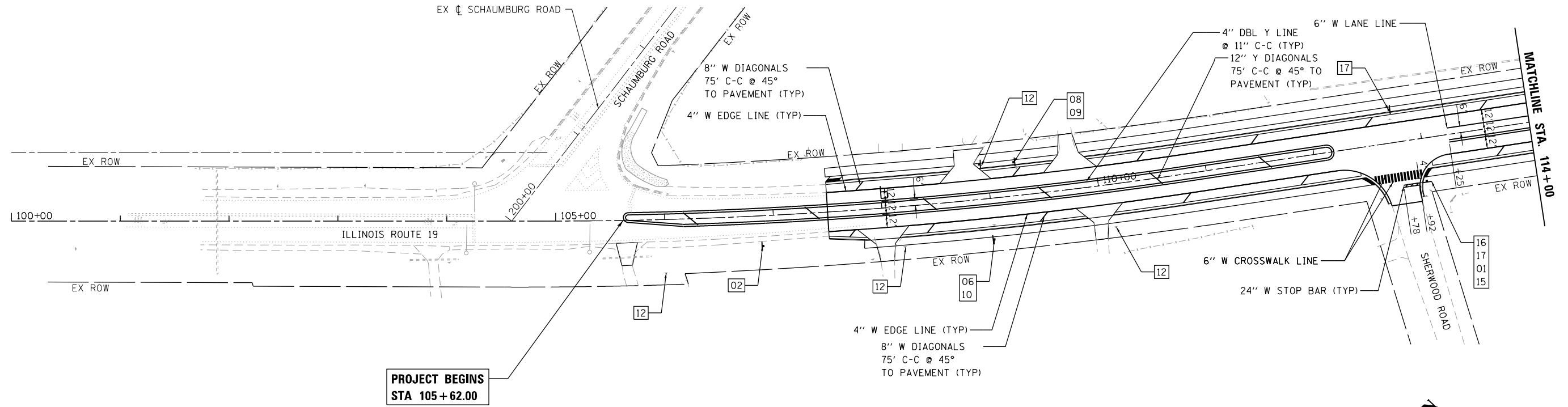
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WATER MAIN CONFLICT SCHEDULE
 IL RTE 19 (IRVING PARK RD)**

SCALE: SHEET OF SHEETS STA. TO STA.

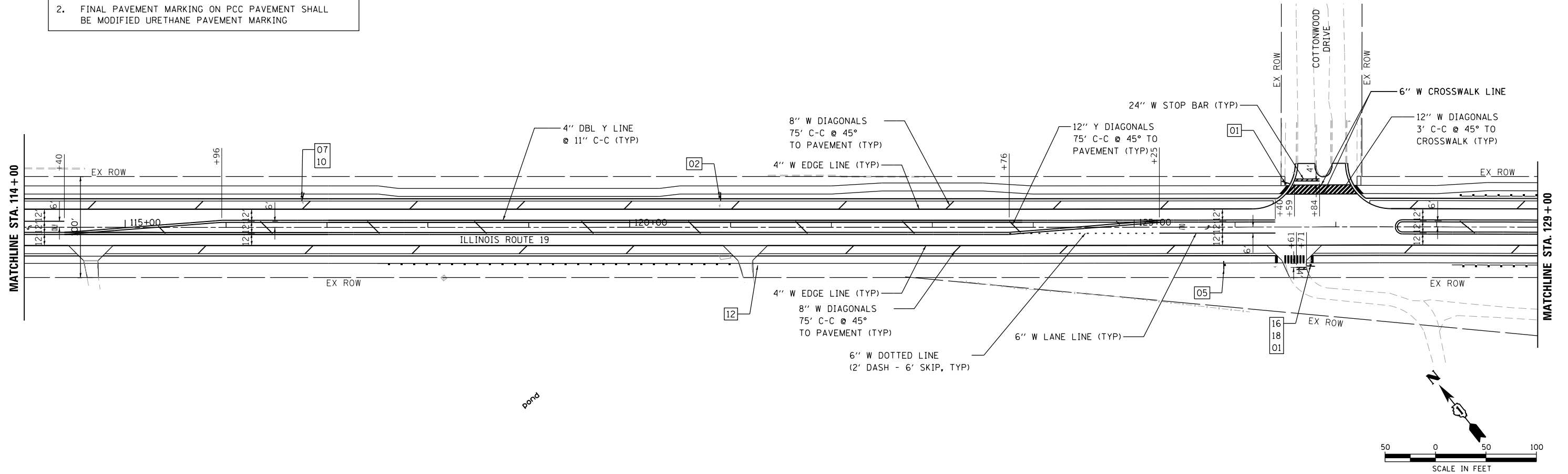
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	55
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	FILE NAME	
	PEN TABLE	



- NOTES**
- FINAL PAVEMENT MARKING ON HMA PAVEMENT SHALL BE THERMOPLASTIC PAVEMENT MARKING (ILLINOIS ROUTE 19)
 - FINAL PAVEMENT MARKING ON PCC PAVEMENT SHALL BE MODIFIED URETHANE PAVEMENT MARKING

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	FILE NAME	
	PEN TABLE	



HRG PROJECT NO. 20045
 HRG PROJ. CONT. ACT.
 FILE NAME: 20045-SPT-Plan-01.dgn
 PEN TABLE: 1/15/2023



USER NAME	= jhorwit
DESIGNED	-
DRAWN	- WJH
CHECKED	- TEH
DATE	-
PLOT SCALE	= 100.0000' / in.
PLOT DATE	= 11/15/2023

DESIGNED	-
REVIS	-
REVIS	-
REVIS	-
REVIS	-

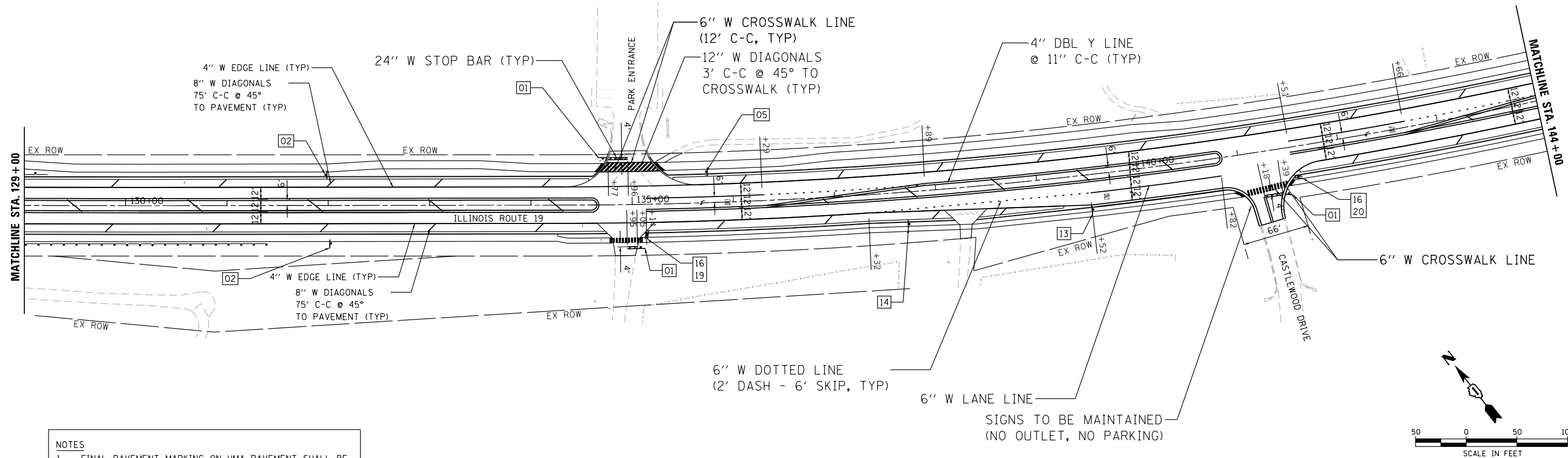
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN
 IL RTE 19 (IRVING PARK RD)**

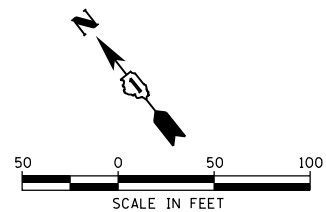
SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 105+62.00 TO STA. 129+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	56
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

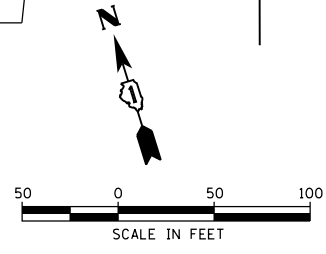
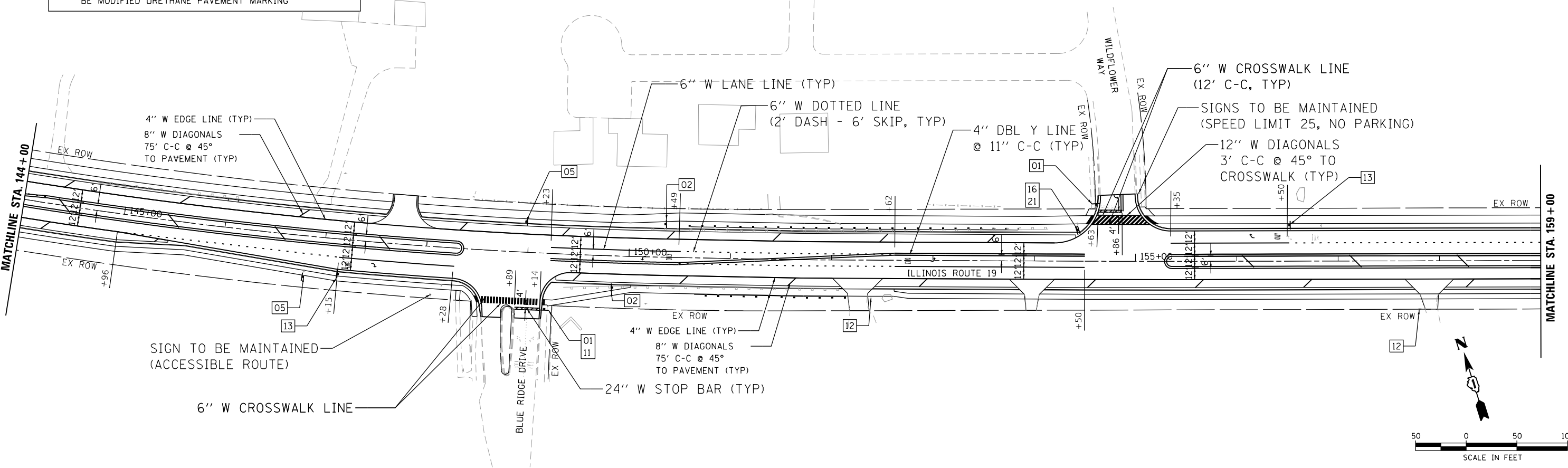
PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	
	PEN TABLE	



- NOTES**
- FINAL PAVEMENT MARKING ON HMA PAVEMENT SHALL BE THERMOPLASTIC PAVEMENT MARKING (ILLINOIS ROUTE 19)
 - FINAL PAVEMENT MARKING ON PCC PAVEMENT SHALL BE MODIFIED URETHANE PAVEMENT MARKING



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	
	PEN TABLE	



HRG PROJECT NO. 20045
 HRG PROJ. CONT. ACT.
 FILE NAME: 20045-SPT-Plan-02.dgn
 PEN TABLE: 1/15/2023



USER NAME	= jhorwit	DESIGNED	-	REVISED	-
		DRAWN	- WJH	REVISED	-
PLOT SCALE	= 100.0000' / in.	CHECKED	- TEH	REVISED	-
PLOT DATE	= 11/15/2023	DATE	-	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN			
IL RTE 19 (IRVING PARK RD)			
SCALE: 1"=50'	SHEET 2 OF 3 SHEETS	STA. 129+00 TO STA. 159+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	57
				CONTRACT NO. 61K06
ILLINOIS FED. AID PROJECT				

WATER MAIN GENERAL NOTES:

1. THE CONTRACTOR SHALL VIDEO RECORD THE ENTIRE PROJECT ROUTE PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS. THE CONTRACTOR SHALL PROVIDE ONE COPY TO THE VILLAGE OF STREAMWOOD AND ONE COPY TO THE ENGINEER.
2. ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH PLANS, SPECIFICATIONS, DETAILS, AND SPECIAL PROVISIONS; IN ACCORDANCE WITH CODES AND ORDINANCES OF THE VILLAGE OF STREAMWOOD, THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION), STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST VERSION) AND SUPPLEMENTAL SPECIFICATIONS, AND IEPA TITLE 35.
3. THE CONTRACTOR SHALL COORDINATE ANY WATER MAIN SHUT-DOWNS OR SERVICE INTERRUPTIONS WITH THE VILLAGE OF STREAMWOOD A MINIMUM OF 48 HOURS PRIOR TO SUCH ACTIVITIES. THE CONTRACTOR SHALL COORDINATE THE OPERATION OF ANY VALVES WITH STREAMWOOD PERSONNEL.
4. EXISTING AND FUTURE UTILITIES, STRUCTURES, TREES, AND PAVEMENT LOCATIONS SHOWN ARE APPROXIMATE. THE COMPLETENESS AND ACCURACY OF THIS INFORMATION AND ARE NOT GUARANTEED BY THE ENGINEER. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATIONS OF THESE OR ANY OTHER EXISTING FACILITIES AS REQUIRED TO COMPLETE THE WORK.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE PROPOSED WATER MAIN AND SERVICE LINE INSTALLATION CONFORMS TO ALL STATE, LOCAL, AND PROJECT-SPECIFIC REQUIREMENTS WITH REGARD TO MINIMUM COVER, SEPARATION, ETC. SEPARATION BETWEEN WATER MAINS AND SEWERS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, LATEST EDITION.
6. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, PIPELINES, ETC. SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND THE OWNER DO NOT ASSUME RESPONSIBILITY IN THE EVENT THAT DURING CONSTRUCTION, UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED, AND THAT THE ACTUAL LOCATION OF THOSE WHICH ARE SHOWN MAY BE DIFFERENT FROM THE LOCATION AS SHOWN ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND LOCATE THEIR FACILITIES PRIOR TO ANY WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AND OPERATOR OF THE DAMAGED UTILITY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF STREAMWOOD TO IDENTIFY WATER SERVICE LINES PRIOR TO CONSTRUCTION. LOCATIONS OF EXISTING CURB STOPS AND WATER SERVICE LINES ARE SHOWN ON THE DRAWINGS WHERE KNOWN. WHERE THESE EXISTING UTILITIES ARE NOT IDENTIFIED, THE CONTRACTOR SHALL FIELD LOCATE THE EXISTING CURB STOP AND INSTALL THE PROPOSED CURB STOP AS CLOSE AS FEASIBLE TO THE EXISTING CURB STOP WHILE REMAINING WITHIN THE PUBLIC RIGHT-OF-WAY. IN ORDER TO MINIMIZE SHUTDOWNS OF THE EXISTING WATER MAIN, THE CONTRACTOR SHALL INSTALL ALL NEW SERVICE LINES FROM THE PROPOSED MAIN TO THE PROPOSED CURB STOPS, AND TIE IN THE EXISTING SERVICE LINES DOWNSTREAM OF THE EXISTING CURB STOPS TO THE PROPOSED CURB STOPS.
9. EXISTING WATER SERVICE SIZES SHALL BE DETERMINED IN THE FIELD. NEW WATER SERVICE LINES SHALL MATCH THAT OF THE EXISTING WATER SERVICE, EXCEPT THAT THE MINIMUM SIZE SHALL BE 1" DIAMETER.
10. TEMPORARY PLUGS, SLEEVES, FLUSHING HYDRANTS, AND BLOWOFF TAPS MAY BE NEEDED FOR PRESSURE TESTING OF THE NEW MAIN PRIOR TO MAKING CONNECTIONS TO THE EXISTING DISTRIBUTION SYSTEM. THESE ITEMS ARE CONSIDERED INCLUDED IN THE COST OF THE INSTALLATION OF WATER MAINS.
11. REMOVAL AND DISPOSAL OF EXISTING PIPING, FITTINGS, ETC. SHALL BE INCLUDED IN THE COST OF ABANDON EXISTING WATER MAIN, FILL WITH CLSM, AND ALL MATERIALS SHALL BE DISPOSED OF PROPERLY BY THE CONTRACTOR.
12. THE CONTRACTOR SHALL REMOVE ALL VALVES, CASTINGS, OR HYDRANTS FROM THE WATER MAIN TO BE ABANDONED. EXISTING BASINS OR VAULTS SHALL BE ABANDONED IN PLACE AND FILLED WITH SAND UNLESS OTHERWISE INDICATED ON THE PLANS. WHEN REQUESTED BY THE VILLAGE OF STREAMWOOD, THE CONTRACTOR SHALL SALVAGE AND DELIVER TO THE VILLAGE ANY EXISTING VALVES, CASTINGS, OR HYDRANTS FROM THE ADANDONED WATER MAIN. ALL OTHER PIPE AND APPURTENANCES REMOVED FROM THE ABANDONED WATER MAIN SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
13. THE WATER MAIN SHALL BE INSTALLED TO A MINIMUM COVER OF FIVE AND ONE HALF (5.5) FEET UNLESS OTHERWISE INDICATED ON THE PLANS.
14. EXISTING WATER MAINS TO BE ABANDONED WHICH ARE LARGER THAN 12" IN DIAMETER SHALL BE FILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM).
15. THE CONTRACTOR SHALL USE REASONABLE MEASURES TO PROTECT TREES NOT IDENTIFIED TO BE REMOVED. ALL TREES DAMAGED BEYOND REPAIR SHALL BE REPLACED IN KIND OF THE LARGEST PRACTICAL SIZE AT NO ADDITIONAL COST TO OWNER. ALL SIGNS AND UTILITY POLES SHALL BE REINSTALLED OR REPLACED AS REQUIRED AT NO ADDITIONAL COST TO OWNER.
16. TEMPORARY SUPPORT OR RELOCATION OF EXISTING UTILITIES MAY BE REQUIRED AS A RESULT OF CONSTRUCTION OF THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE REQUIRED WORK WITH THE RESPECTIVE UTILITY COMPANIES IN ORDER TO AVOID UNNECESSARY DELAYS TO CONSTRUCTION. THE CONTRACTOR SHALL WORK CLOSELY WITH THE UTILITIES TO LOCATE, PLAN, AND SUPPORT THESE FACILITIES IN A MANNER WHICH MINIMIZES UTILITY SHUT-OFF AND KEEPS THE PROJECT ON SCHEDULE.
17. ALL DUCTILE IRON FITTINGS SHALL BE ENCASED IN POLYETHYLENE WRAP IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
18. THE CONTRACTOR SHALL PROVIDE THE LABOR AND EQUIPMENT NECESSARY TO DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL UTILITY CROSSINGS WHICH MAY CAUSE CONFLICTS. THESE DETERMINATIONS SHALL BE MADE PRIOR TO THE START OF ACTUAL CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING EXCAVATION. THE CONTRACTOR SHALL ALSO THEN UNCOVER THE UTILITY, ASSIST THE ENGINEER IN DETERMINING THE ELEVATION AT THE PIPE, AND BACKFILL THE EXCAVATION.
19. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAUL AND PROPERLY DISPOSE OF EXCESS MATERIAL (INCLUDING EXCAVATED MATERIAL OR BROKEN CONCRETE) WHICH IS NOT DESIRABLE TO BE INCORPORATED INTO THE WORK INVOLVED ON THIS PROJECT. NO PAYMENT WILL BE ALLOWED FOR MATERIAL DISPOSED OF AND NOT INCORPORATED INTO THE WORK. NO MATERIAL SHALL BE PLACED OUTSIDE OF THE RIGHT-OF-WAY, UNLESS SPECIFICALLY STATED IN THE PLANS OR APPROVED BY THE ENGINEER.
20. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCESS TO INDIVIDUAL PROPERTIES DURING CONSTRUCTION. PROPERTY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF WORK THAT WOULD AFFECT OR ALTER THEIR ACCESS. TEMPORARY ACCESS DRIVES SHALL BE PROVIDED FOR ALL PROPERTIES IF ACCESS IS TO BE DISRUPTED FOR AN EXCESSIVE AMOUNT OF TIME, AS DETERMINED BY OWNER AND ENGINEER. TEMPORARY ACCESS DRIVES SHALL CONSIST OF FULL-DEPTH CLEAN CRUSHED STONE PROPERLY COMPACTED.
21. OWNER WILL PROVIDE THE CONTRACTOR WATER FOR FLUSHING, DISINFECTION, AND PRESSURE TESTING OPERATIONS FREE OF CHARGE. WATER WILL BE MADE AVAILABLE THROUGH EXISTING WATER MAIN CONNECTIONS OR NEARBY FIRE HYDRANTS. THE CONTRACTOR SHALL PROVIDE BACKFLOW PREVENTION DEVICES FOR FIRE HYDRANT CONNECTIONS. THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS FOR WATER CONSERVATION.
22. A PRECAST CONCRETE THRUST BLOCK SHALL BE INSTALLED AT ALL CONNECTION POINTS WITH EXISTING PIPING BETWEEN NEW CONNECTION FITTINGS AND EXISTING PIPING. CONCRETE THRUST BLOCKS ARE INCLUDED IN THE COST OF WATER MAIN.
23. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 AND THE VILLAGE OF STREAMWOOD FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
24. NO EXCAVATIONS WILL BE PERMITTED TO REMAIN OPEN OVER ANY WEEKEND AND NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT IN ANY RESIDENTIAL AREA.
25. THE ENGINEER AND VILLAGE ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
26. CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING SEWER MAIN DURING CONSTRUCTION. ANY DAMAGE TO THE SEWER MAIN WHERE THE CONTRACTOR IS AT FAULT SHALL BE PAID FOR BY THE CONTRACTOR. CONTRACTOR SHALL USE SEWER CAMERA TO FILM SEWER OVER ENTIRE LENGTH OF PROJECT AREA UPON COMPLETION OF PROJECT. THE COST OF THIS WORK IS INCLUDED IN THE COST OF THE WATER MAIN INSTALLATION.
27. RECORD DRAWINGS FOR THE NEW WATER MAINS SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE VILLAGE OF STREAMWOOD UPON THE PROJECT COMPLETION. ANY VARIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE INDICATED ON THE RECORD DRAWINGS.
28. THE CONTRACTOR SHALL SUBMIT A PLAN FOR THE SEQUENCE OF PRESSURE TESTING AND DISINFECTION OF THE PROPOSED WATER MAINS TO THE VILLAGE AND ENGINEER FOR APPROVAL. THE PLAN SHALL INCLUDE AT MINIMUM ALL PHASING, PROPOSED SHUT-DOWNS, PRESSURE TESTING PROCEDURES, METHODS OF CHLORINATION, SEQUENCE OF CONNECTIONS, TRANSFER OF SERVICES, AND ABANDONMENTS OF EXISTING WATER MAIN.
29. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF WATER MAINS AND THE ABANDONMENT OF EXISTING WATER MAINS. A MINIMUM OF 2 (TWO) WEEKS NOTICE SHALL BE PROVIDED TO THE VILLAGE OF STREAMWOOD PRIOR TO ACTIVITIES IMPACTING WATER MAINS.
30. EXISTING WATER MAINS SHALL REMAIN IN SERVICE UNTIL THE NEW WATER MAINS PASS ALL REQUIRED TESTS. SERVICE TRANSFERS SHALL BE MADE ONCE NEW WATER MAINS ARE APPROVED.
31. SHUT-DOWNS OF WATER MAINS AND SERVICE INTERRUPTIONS ARE PROHIBITED BEFORE 6:00PM ON WEEKDAYS AND 1:00PM ON SATURDAYS.
32. WATER MAIN SHUTDOWNS TO BUSINESSES WILL NEED TO BE COMPLETED AT OFF BUSINESS HOURS. THE COST OF THIS WORK IS INCLUDED IN THE COST OF THE WATER MAIN INSTALLATION.

HRG PROJECT NO: 200415
 HRG PROJ CONTACT:
 FILE NAME: 200415-SPT-WM-Notes-01.dgn
 USER: jhorwit
 PEN TABLE: 1/15/2023



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	DRAWN - WJH	REVISED -
PLOT SCALE = 80.0000 ' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

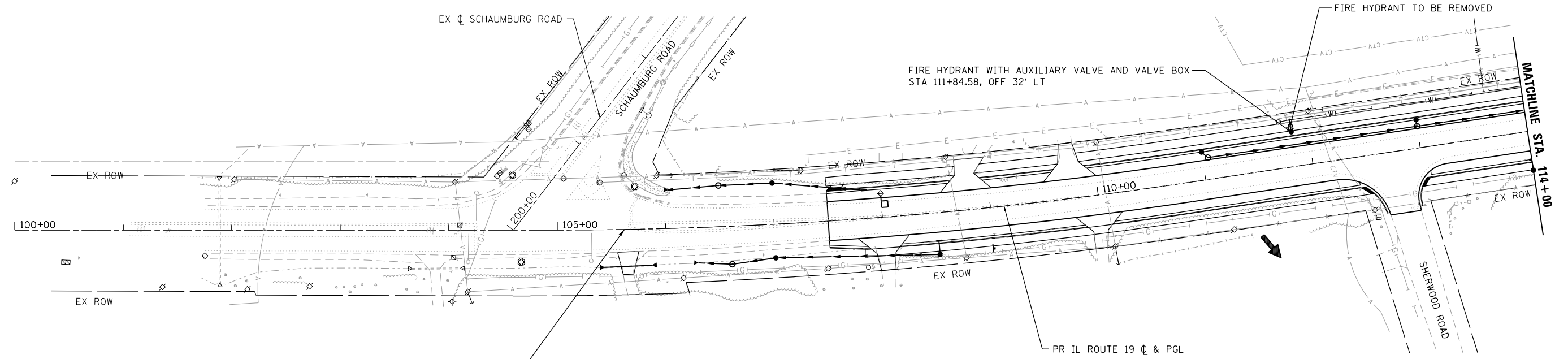
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		1321	10-00055-02-WR	COOK	133	59
SCALE:		SHEET OF SHEETS		STA.	TO STA.	
				ILLINOIS	FED. AID PROJECT	

CONTRACT NO. **61K06**

PLAN	SURVEYED	BY	DATE
	PLOTTED		
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	FILE NAME		
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	DATE		

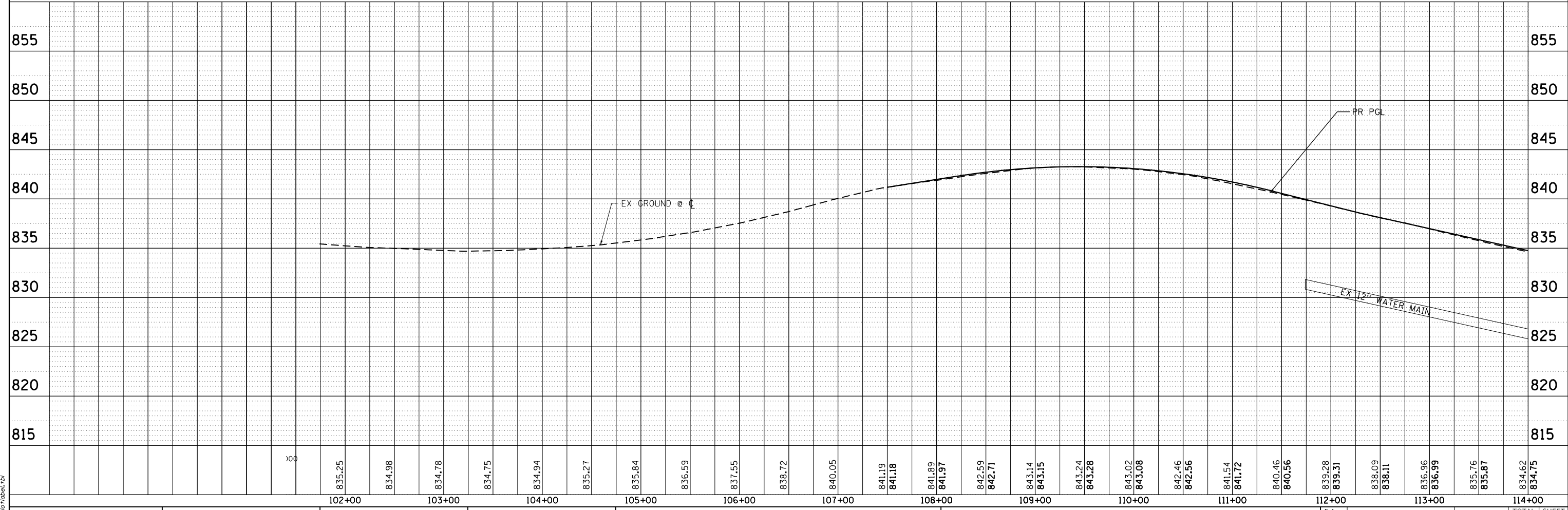
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	DATE		

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 FILE NAME: 20045-SR+-wm+prp-01.dgn
 PEN TABLE: p101table.tbl



WATER MAIN LEGEND	
PROPOSED WATER MAIN	— W —
EXISTING WATER MAIN	- - - W - - -
WATER MAIN TO BE ABANDONED	- - - W - - -
PROPOSED WATER VALVE	●
PROPOSED HYDRANT	⊕
EXISTING HYDRANT	⊕
PROPOSED WATER SERVICE (< 2")	- - - - -

PROJECT BEGINS
STA 105+62.00



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

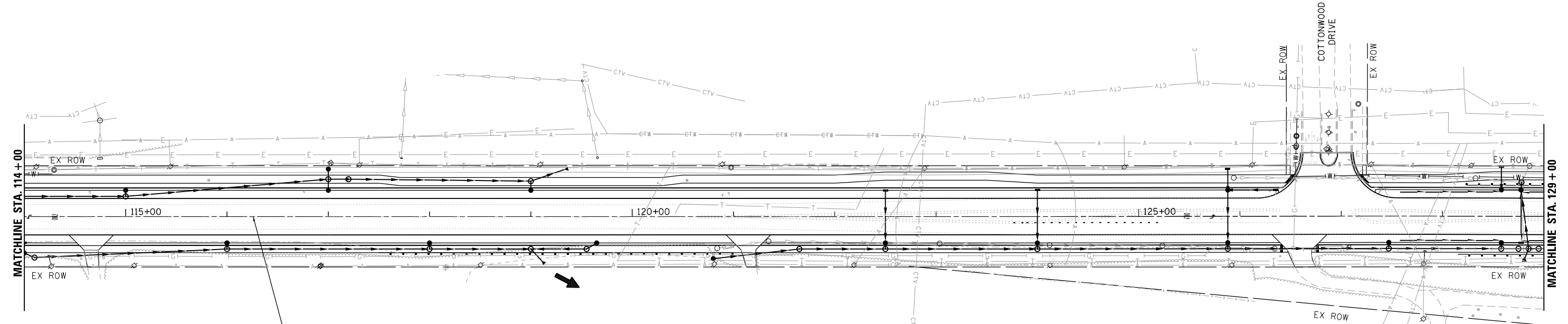
WATER MAIN PLAN AND PROFILE			
IL RTE 19 (IRVING PARK RD)			
SCALE: 1"=50'	SHEET 1 OF 5 SHEETS	STA. 105+62.00 TO STA. 114+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	60
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	DATE _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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	DATE _____	

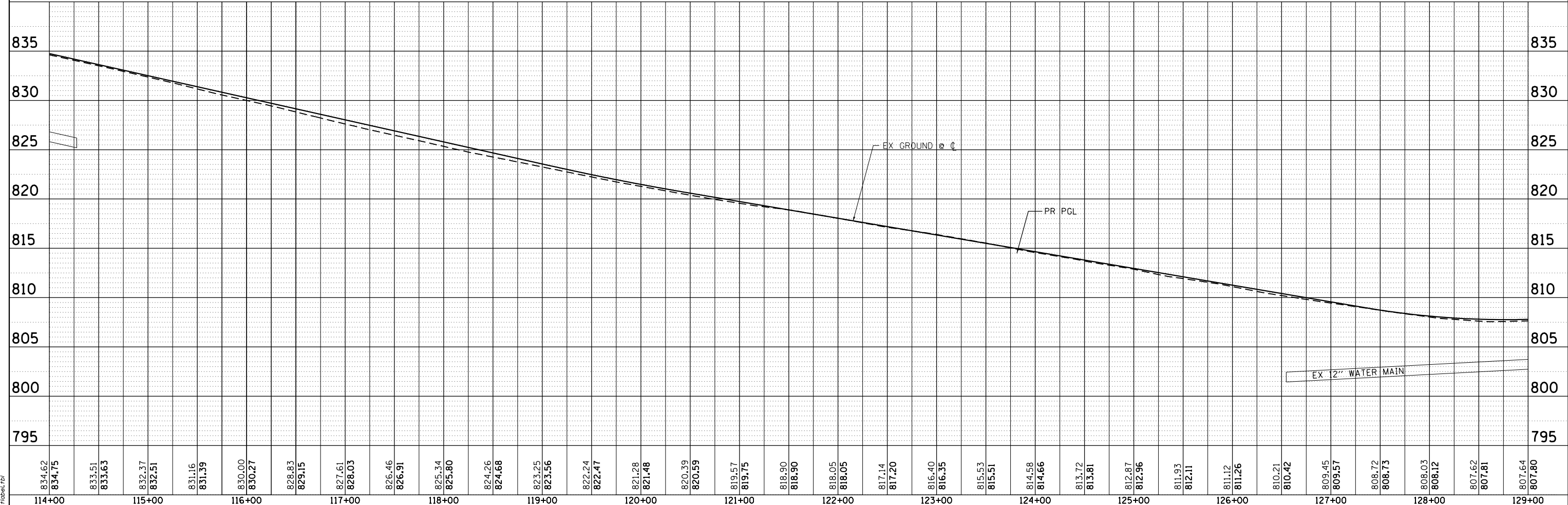
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WATER MAIN LEGEND

- PROPOSED WATER MAIN ———— W ————
- EXISTING WATER MAIN ———— W ————
- WATER MAIN TO BE ABANDONED - - - - - W - - - - -
- PROPOSED WATER VALVE ●
- PROPOSED HYDRANT ◐
- EXISTING HYDRANT ◑
- PROPOSED WATER SERVICE (< 2") - - - - -

PR IL ROUTE 19 C & PGL



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

WATER MAIN PLAN AND PROFILE IL RTE 19 (IRVING PARK RD)			
SCALE: 1"=50'	SHEET 2 OF 5 SHEETS	STA. 114+00 TO STA. 129+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	61
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

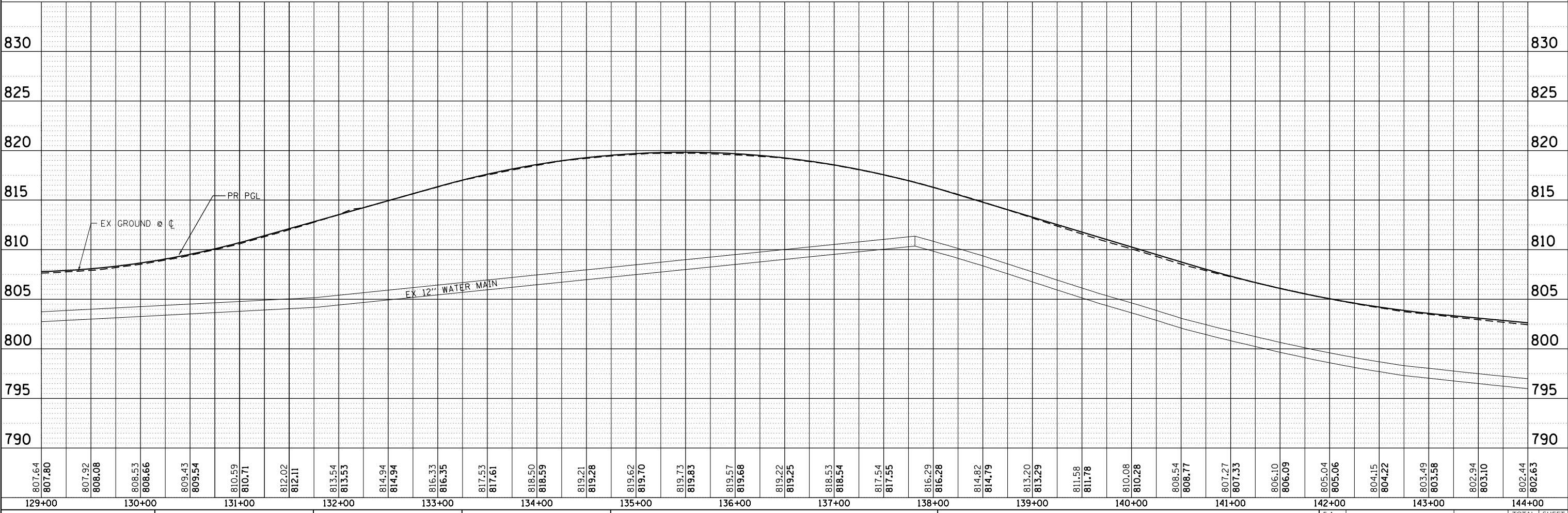
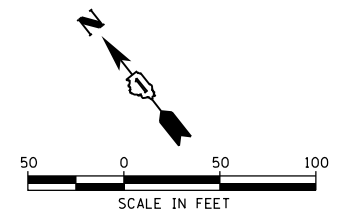
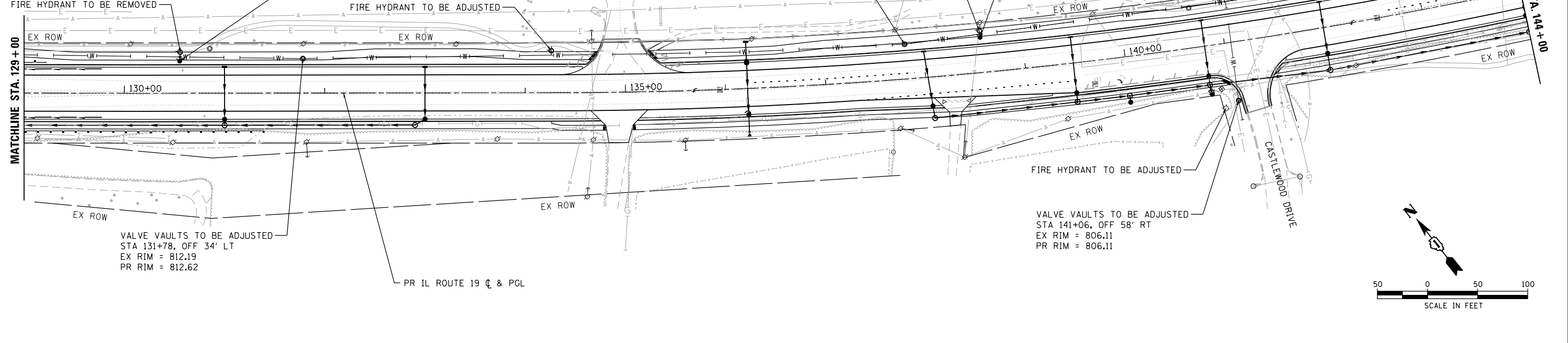
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	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

HRG PROJECT NO.: 20045
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WATER MAIN LEGEND

- PROPOSED WATER MAIN
- EXISTING WATER MAIN
- WATER MAIN TO BE ABANDONED
- PROPOSED WATER VALVE
- PROPOSED HYDRANT
- EXISTING HYDRANT
- PROPOSED WATER SERVICE (< 2")



807.64	807.80	807.92	808.08	808.53	808.66	809.43	809.54	810.59	810.71	812.02	812.11	813.54	813.53	814.94	814.94	816.33	816.35	817.53	817.61	818.50	818.59	819.21	819.28	819.62	819.70	819.73	819.83	819.57	819.68	819.22	819.25	818.53	818.54	817.54	817.55	816.29	816.28	814.82	814.79	813.20	813.29	811.58	811.78	810.08	810.28	808.54	808.77	807.27	807.33	806.10	806.09	805.04	805.06	804.15	804.22	803.49	803.58	802.94	803.10	802.44	802.63
129+00	130+00	131+00	132+00	133+00	134+00	135+00	136+00	137+00	138+00	139+00	140+00	141+00	142+00	143+00	144+00																																														

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 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WATER MAIN PLAN AND PROFILE
 IL RTE 19 (IRVING PARK RD)**

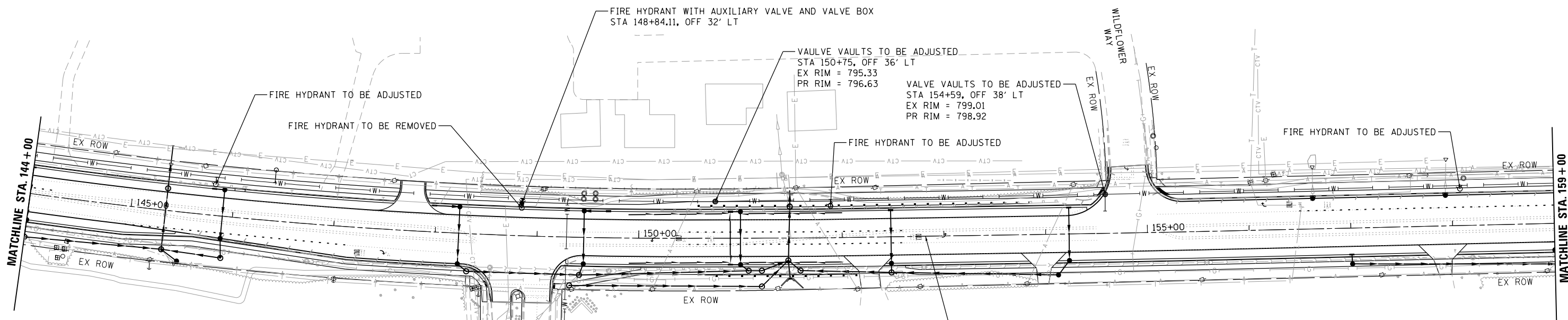
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	62
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

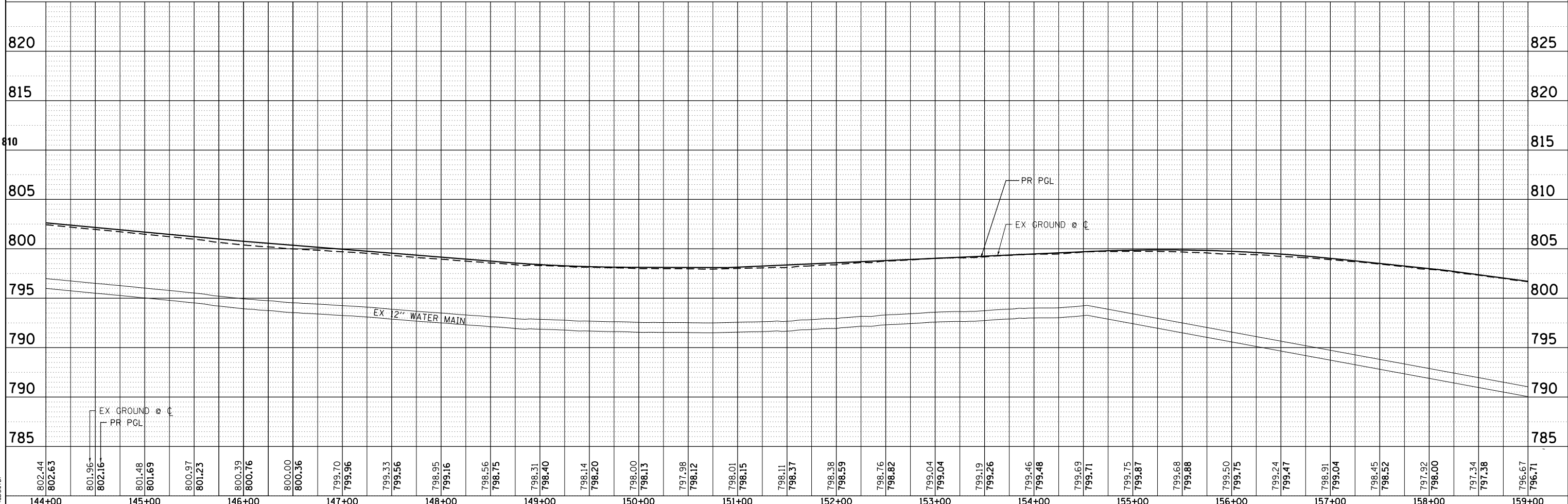
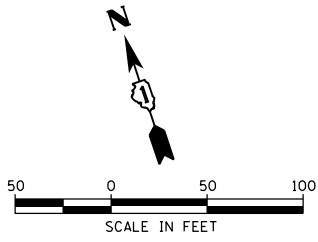
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	CARD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
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	NOTE BOOK	
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	STRUCTURE	
	NOTATIONS	
	CHKD	

HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SP1-wm-ppp-04.dgn
 PEN: TABLE: pp1table.tbl



WATER MAIN LEGEND	
PROPOSED WATER MAIN	— W —
EXISTING WATER MAIN	— W —
WATER MAIN TO BE ABANDONED	- - - W - - -
PROPOSED WATER VALVE	●
PROPOSED HYDRANT	○
EXISTING HYDRANT	○
PROPOSED WATER SERVICE (< 2")	- - - - -



802.44	802.63	801.96	802.16	801.48	801.69	800.97	801.23	800.39	800.76	800.00	800.36	799.70	799.96	799.33	799.56	798.95	799.16	798.56	798.75	798.31	798.40	798.14	798.20	798.00	798.13	797.98	798.12	798.01	798.15	798.11	798.37	798.38	798.59	798.76	798.82	799.04	799.04	799.19	799.26	799.46	799.48	799.69	799.71	799.75	799.87	799.68	799.88	799.50	799.75	799.24	799.47	798.91	799.04	798.45	798.52	797.92	798.00	797.54	797.38	796.67	796.71
144+00	145+00	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00	154+00	155+00	156+00	157+00	158+00	159+00																																														



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

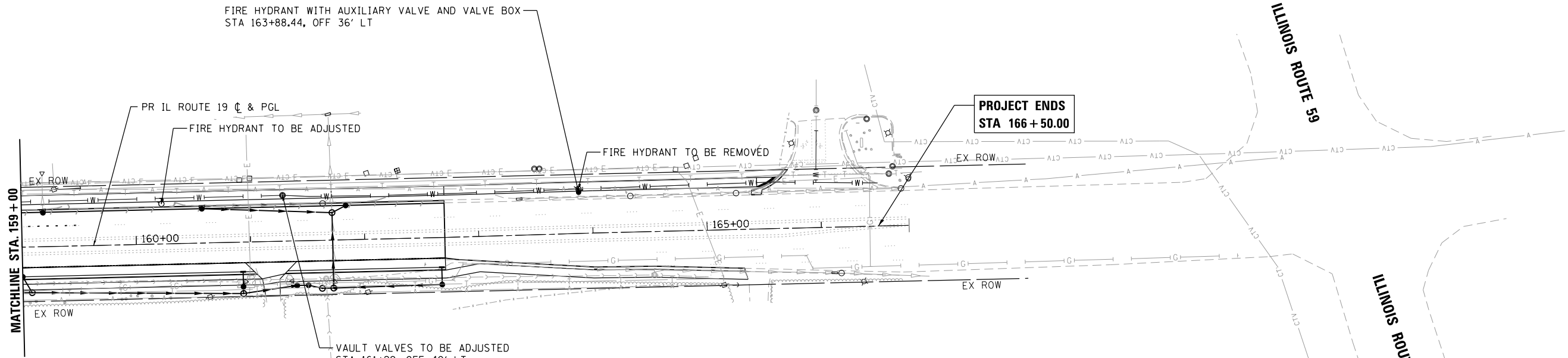
WATER MAIN PLAN AND PROFILE			
IL RTE 19 (IRVING PARK RD)			
SCALE: 1"=50'	SHEET 4	OF 5 SHEETS	STA. 144+00 TO STA. 159+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	63
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	BY	
	NO.	

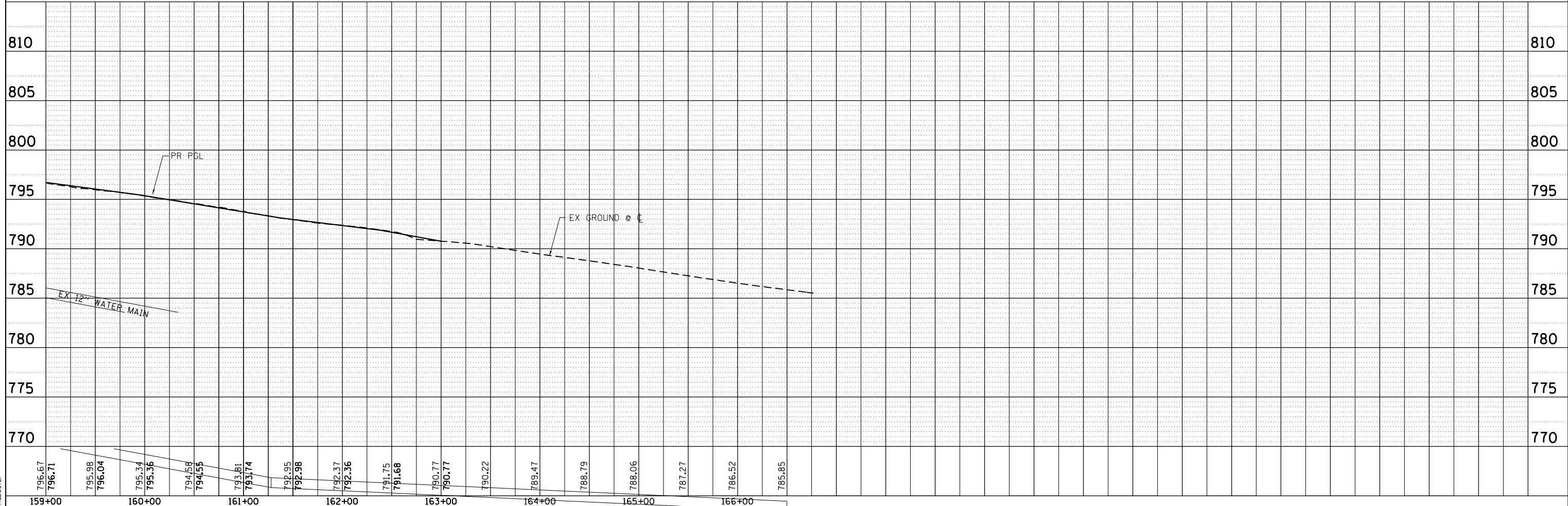
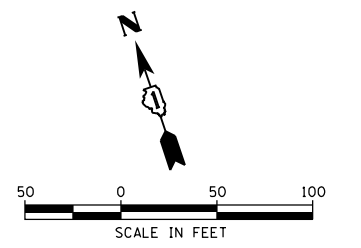
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	BY	
	NO.	

HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-spr-wm-pp-05.dgn
 PEN TABLE: pp-table.tbl



WATER MAIN LEGEND	
PROPOSED WATER MAIN	—W—
EXISTING WATER MAIN	-W-
WATER MAIN TO BE ABANDONED	-W- / /
PROPOSED WATER VALVE	●
PROPOSED HYDRANT	⊙
EXISTING HYDRANT	⊖
PROPOSED WATER SERVICE (< 2")	- - - -

VAULT VALVES TO BE ADJUSTED
 STA 161+29, OFF 40' LT
 EX RIM = 793.08
 PR RIM = 792.98



796.67	796.71	795.98	796.04	795.34	795.36	794.58	794.55	793.81	793.74	792.95	792.98	792.37	792.36	791.75	791.68	790.77	790.77	790.22	789.47	788.79	788.06	787.27	786.52	785.85	
159+00	160+00	161+00	162+00	163+00	164+00	165+00	166+00																		

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USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - TEH	REVISED -
PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN PLAN AND PROFILE			
IL RTE 19 (IRVING PARK RD)			
SCALE: 1"=50'	SHEET 5	OF 5 SHEETS	STA. 159+00 TO STA. 166+50.00

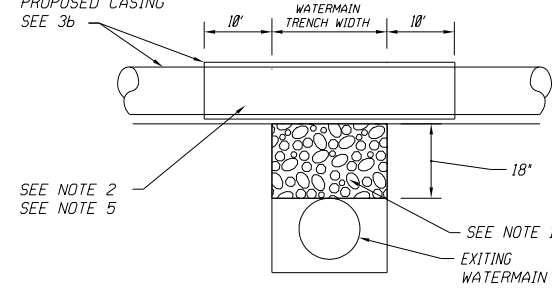
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	64
CONTRACT NO. 61K06				
ILLINOIS		FED. AID PROJECT		

WATER AND SEWER SEPARATION REQUIREMENTS DETAIL

EXISTING WATERMAIN BELOW PROPOSED SEWER LINE WITH 18" MINIMUM SEPARATION.

NOTE: CLASS IV MATERIAL TO BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.

PROPOSED SEWER SEE 3a, OR PROPOSED CASING SEE 3b



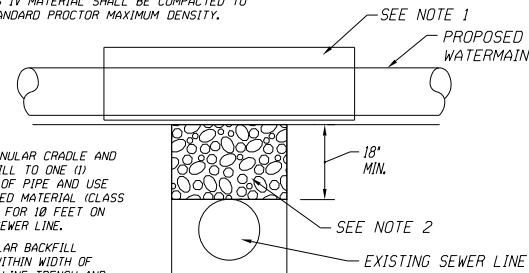
NOTES:

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 CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF WATER MAIN.
3. a. CONSTRUCT 10 FEET OF PROPOSED SEWER WITH WATERMAIN QUALITY PIPE AND PRESSURE TEST, OR:
b. USE 10 FEET OF CASING FOR PROPOSED SEWER AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN.
5. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATERMAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

▲ TAKEN FROM THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS - SEE PAGES 156-159.

PROPOSED WATERMAIN ABOVE EXISTING SEWER LINE WITH 18" MINIMUM SEPARATION.

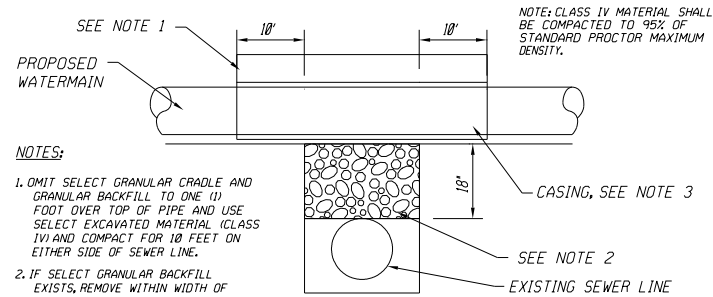
NOTE: CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.



NOTES:

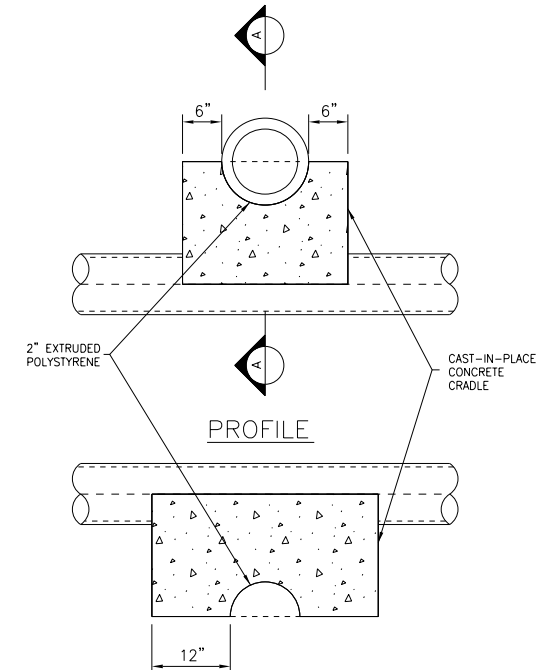
1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE.
2. IF SELECT GRANULAR BACKFILL EXISTS; REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" SEPARATION.



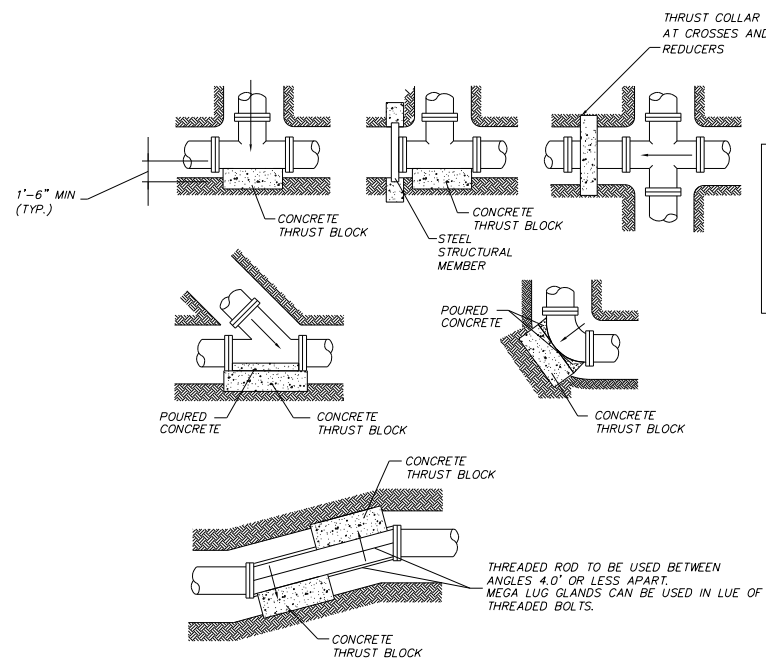
NOTES:

1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE.
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 A CASING FOR PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATERMAIN AND SEWER.



SECTION A-A
CONCRETE CRADLE
FOR PIPE SUPPORT
NO SCALE

TO BE USED WHEN CLEARANCE
BETWEEN PIPES IS 12" OR LESS
AS DIRECTED BY THE ENGINEER



BEARING AREA (SQ. FT.)				
PIPE DIA.	TEE, PLUG & COLLAR	90°	45°	22.5°
≤ 6"	8	8	5	3
8"	14	14	8	4
12"	28	28	16	8

BEARING AREA = LENGTH X WIDTH
MINIMUM THRUST BLOCK DEPTH = 1'-6"

NOTES:

1. PROVIDE THRUST BLOCKS AT BENDS THAT ARE 11.25° AND GREATER.
2. ALL BLOCKING MUST BEAR ON UNDISTURBED EARTH ONLY. IF UNSTABLE SOILS ARE ENCOUNTERED THE CONTRACTOR SHALL PROVIDE SUITABLE BACKFILL AND COMPACT AS APPROVED BY THE ENGINEER.
3. CONCRETE SHALL BE 3,000 PSI MINIMUM.
4. PROVIDE THRUST BLOCKS AT ALL REQUIRED BENDS AND FITTINGS FOR WATER MAIN PIPE THAT IS 12" DIAMETER AND SMALLER.
5. WATER MAIN PIPE THAT IS 16" DIAMETER AND LARGER SHALL BE RESTRAINED JOINT TYPE IN LIEU OF THRUST BLOCKS, EXCEPT WHERE THRUST BLOCKS ARE INDICATED ON THE PLANS.
6. PROVIDE THRUST BLOCKS OR OTHER MEANS OF THRUST RESTRAINT AS APPROVED BY THE ENGINEER AT ALL TEMPORARY LINE STOPS.
7. USE LARGER END DIAMETER FOR THRUST COLLAR BEARING AREA INSTALLED ON REDUCERS. INSTALL COLLAR AT CENTER POINT OF REDUCER.

THRUST BLOCK DETAIL

SCALE: NTS

HRG PROJECT NO.: 200405
 HRG PROJ. CONTACT:
 FILE NAME: 200405-SPT-wm-de+0.dgn
 PEN TABLE: 10/10/2023



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PLOT SCALE = 80.0000' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 11/15/2023	CHECKED - TEH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

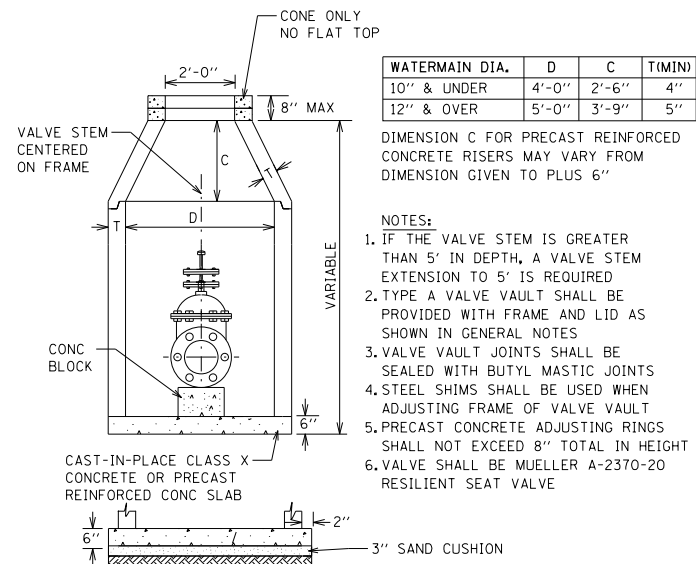
**WATER MAIN DETAILS
IL RTE 19 (IRVING PARK RD)**

SCALE: SHEET OF SHEETS STA. TO STA.

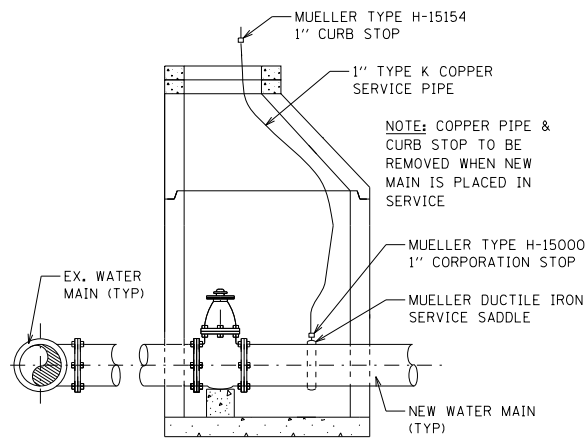
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	65
CONTRACT NO. 61K06				

ILLINOIS FED. AID PROJECT

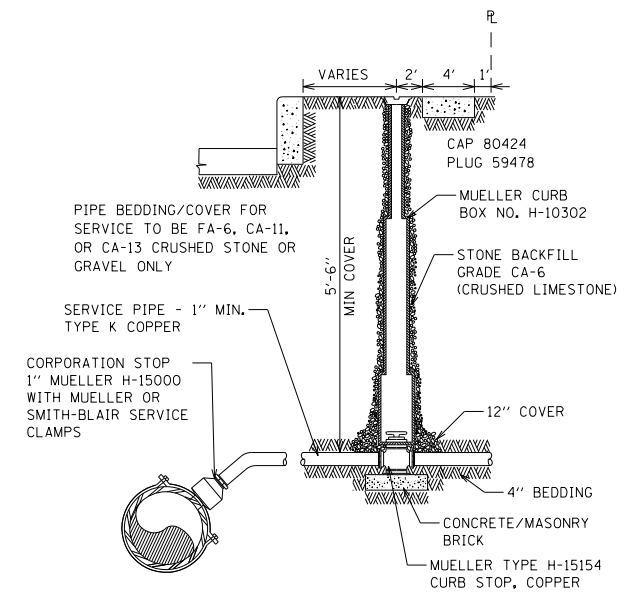
STANDARD DESIGN FOR VALVE VAULT (TYPE A)



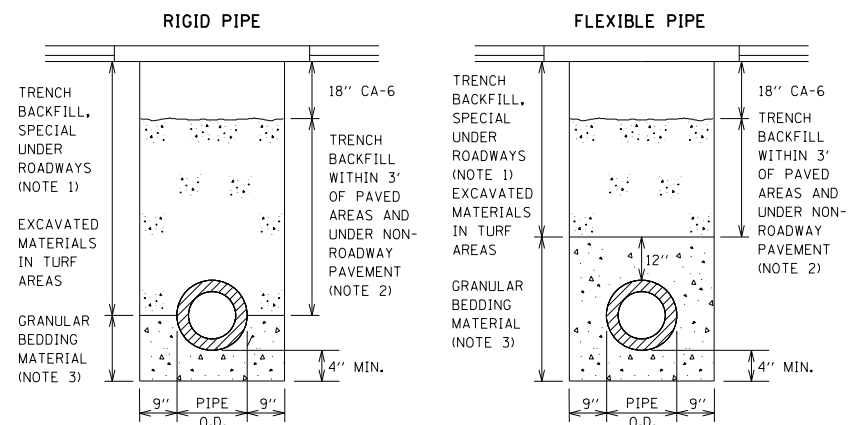
DISINFECTION/FLUSHING TAP DETAIL



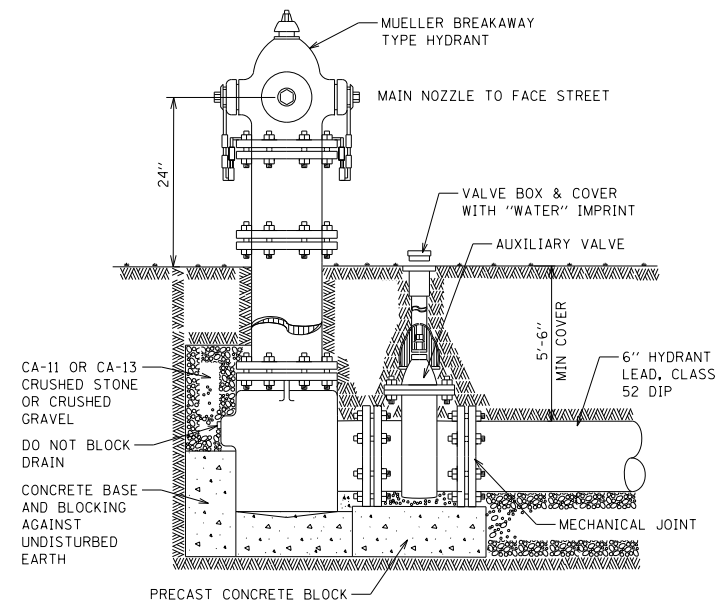
TYPICAL CURB BOX INSTALLATION FOR WATER SERVICE



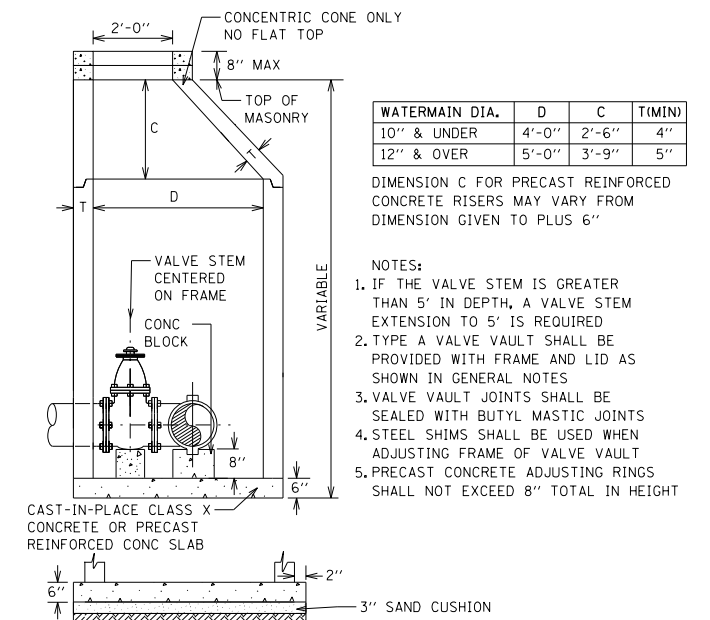
TRENCH DETAILS



TYPICAL HYDRANT INSTALLATION



STANDARD DESIGN FOR TAPPING VAULT (TYPE A)



•FOR IDOT HIGHWAY STANDARDS, SEE PROJECT SPECIFICATIONS•

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-wm-de+02.dgn
 PLOT DATE: 11/15/2023
 PEN TABLE: p101tab01.tbl



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PLOT DATE = 11/15/2023	CHECKED - TEH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WATER MAIN DETAILS
 IL RTE 19 (IRVING PARK RD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	66
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	








GENERAL NOTES:

1. THIS PROJECT INCLUDES THE INSTALLATION OF A NEW LIGHTING SYSTEM ALONG IRVING PARK ROAD FROM EAST OF SCHAUMBURG RD. TO WEST OF IL ROUTE 59. THE PROPOSED LIGHTING SHALL BE OWNED AND MAINTAINED BY THE VILLAGE OF STREAMWOOD.
2. THE QUANTITIES OF RACEWAYS WHERE INDICATED IN THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
3. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES.
4. THE CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND/OVERHEAD UTILITIES PRIOR TO INSTALLATION OF LIGHT POLES AND CONDUITS. IF THERE IS A CONFLICT WITH THE LIGHT POLES/CONDUITS AS SHOWN ON PLANS, THE CONTRACTOR SHALL SUGGEST ALTERNATIVE LOCATIONS AND COORDINATE WITH THE ENGINEER PRIOR TO PERFORMING WORK.
5. TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30".
6. LIGHTING SYSTEM INSTALLATION SHALL CONFORM TO THE LATEST IDOT STANDARDS, NEC AND VILLAGE OF STREAMWOOD CODES.
7. ALL ELECTRICAL EQUIPMENT AND PRODUCTS SHALL BE U/L LISTED AND LABELED.
8. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022 AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2024.

SUMMARY OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	50
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	584
UNIT DUCT, 600V, 5-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE) , 2" DIA. POLYETHYLENE	FOOT	10936
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	150
LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	1
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	660
BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	66
LUMINAIRE, LED, SPECIAL	EACH	66
LIGHT POLE, SPECIAL	EACH	66

LEGEND

-  PROPOSED VILLAGE OF STREAMWOOD LIGHTING UNIT 35' FT. M.H., 4 FT. MAST ARM, 120V (LINE TO NEUTRAL), LED LUMINAIRE (131W) WITH BREAKAWAY BANNER SUPPORT ARMS AND PLANT SUPPORT ARM.
-  UNIT DUCT, 600V, 5-1/C NO. 2, 1/C NO. 4 GROUND (XLP-TYPE USE) 2" DIA. POLYETHYLENE
-  ComEd ELECTRIC SERVICE, 120/240V, 1 PHASE, 3 WIRE
-  PROPOSED VILLAGE OF STREAMWOOD LIGHTING CONTROLLER "LC", 120/240V, 1 PHASE, 3 WIRE, 200 AMP, BASE MOUNTED
-  UNDERGROUND CONDUIT, GALVANIZED STEEL
-  GROUND ROD 5/8" DIA. X 10 FT.
-  ELECTRIC CABLE IN CONDUIT 3-1/C NO. 3/0 (XLP-TYPE-USE) 3" DIA. GALVANIZED STEEL

HRG PROJECT NO.: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-LGT.dgn
 FILE PATH: C:\Users\aprc\OneDrive\OneDrive\Projects\20045-SPT-LGT.dgn
 BENEFICIAL: 11/1/2023
 FILE NUMBER: 11/1/2023-05-11 19 (Schaumburg, IL) 59-1R GreenDesign\S\1200415-sheet-lighting.dgn



USER NAME = mdeltche	DESIGNED - BL	REVISED -
	DRAWN - MD	REVISED -
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PLOT DATE = 11/1/2023	DATE - 10-02-23	REVISED -

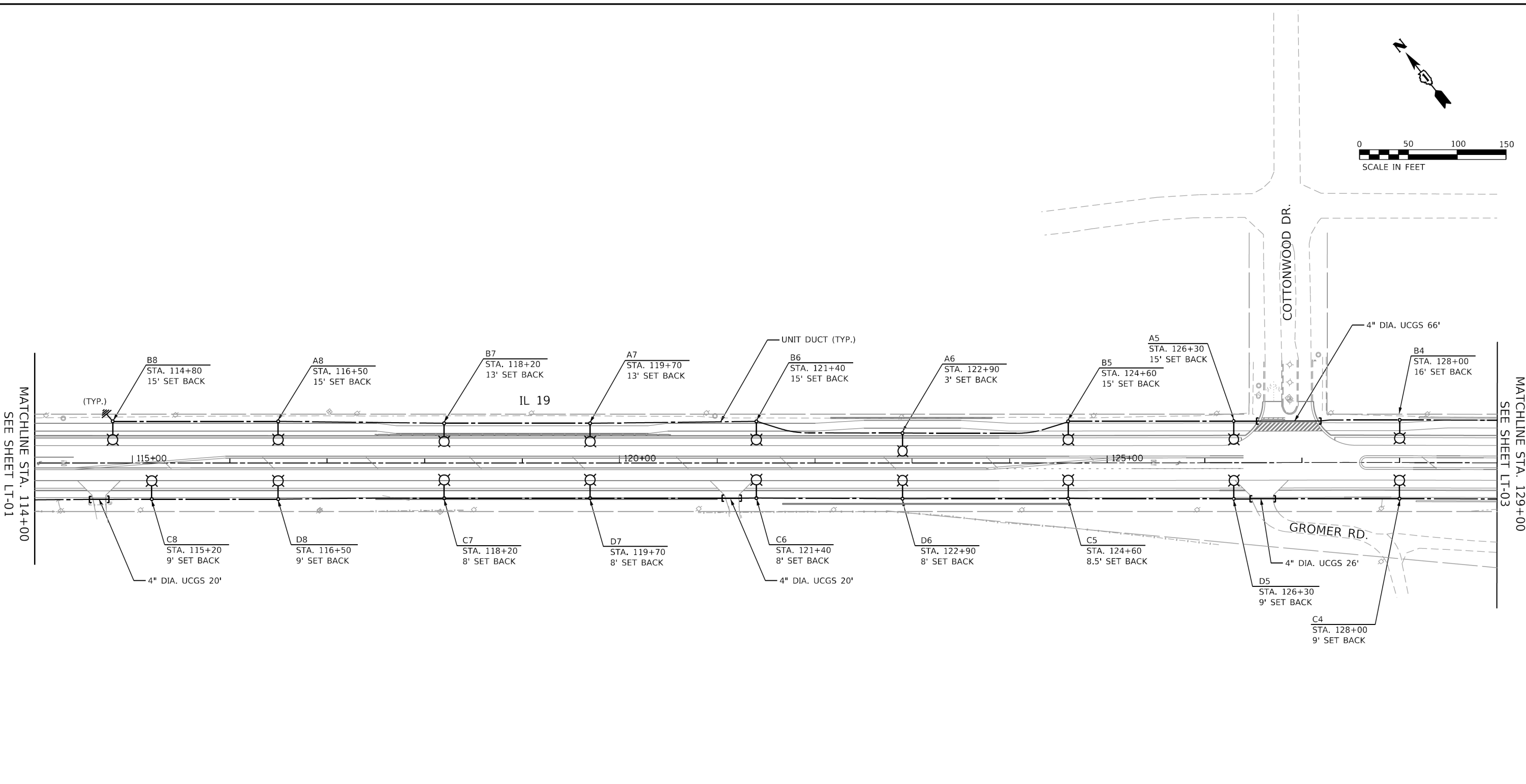
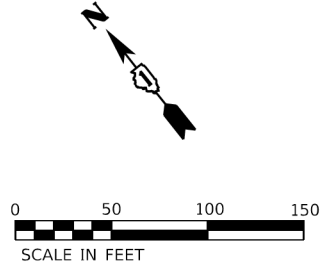
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, LEGEND AND SUMMARY OF QUANTITIES
IL ROUTE 19 (IRVING PARK ROAD)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00055-02-WR	COOK	133	67
			CONTRACT NO. 61K06	
		ILLINOIS FED. AID PROJECT		

LTN-01



- NOTES:**
- FOR GENERAL NOTES AND LEGEND, SEE SHEET LTN-01.
 - SET BACK IS FROM FACE OF CURB TO CENTER OF LIGHT POLE.
 - UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SR-1-LGT.dgn
 PLOT DATE: 10/2/2023
 PLOT SCALE: 100.0000' / in.
 USER: mdeltche
 DESIGNED: BL
 DRAWN: MD
 CHECKED: MH
 DATE: 10-02-23



USER NAME = mdeltche	DESIGNED - BL	REVISED -
	DRAWN - MD	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MH	REVISED -
PLOT DATE = 10/2/2023	DATE - 10-02-23	REVISED -

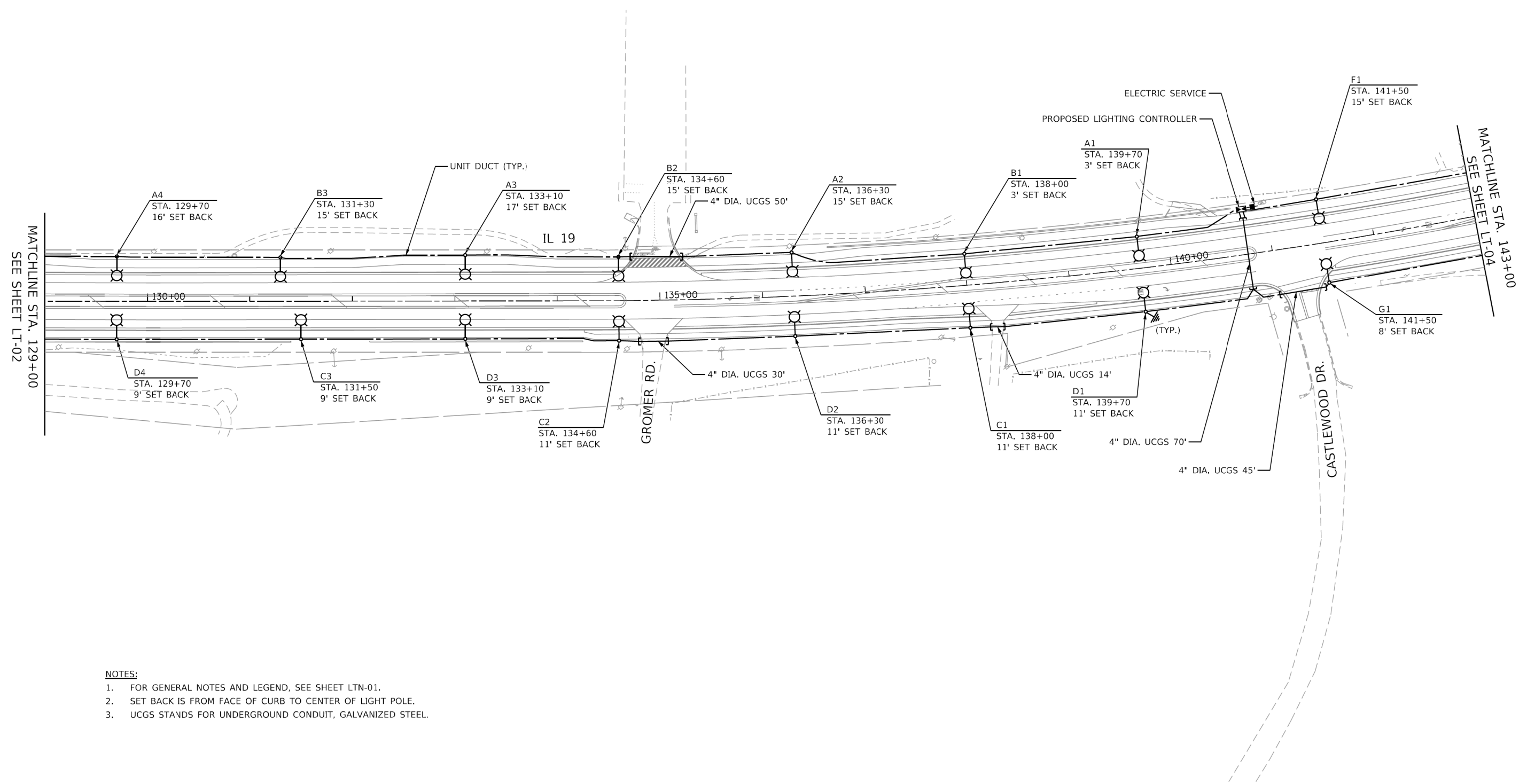
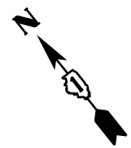
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
IL ROUTE 19 (IRVING PARK ROAD)**

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. 114+00 TO STA. 129+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00055-02-WR	COOK	133	68
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

LT-02



- NOTES:**
1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LTN-01.
 2. SET BACK IS FROM FACE OF CURB TO CENTER OF LIGHT POLE.
 3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.

HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SPT-LGT.dgn
 PLOT DATE: 10/2/2023
 PLOT SCALE: 1"=50'
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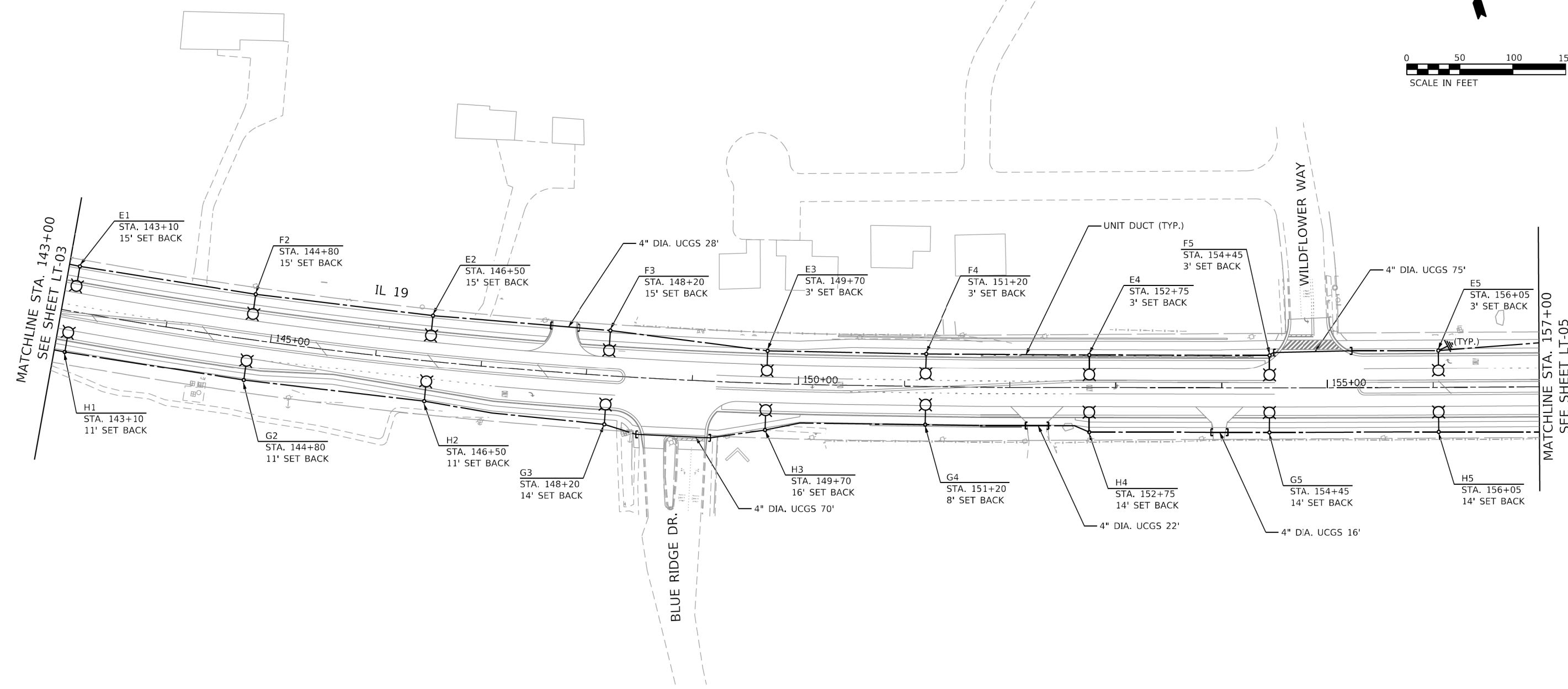
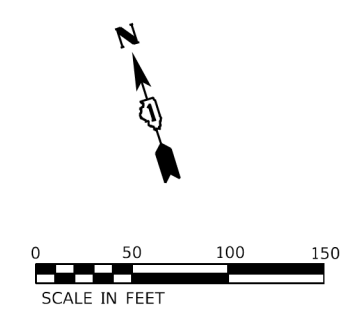
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	DRAWN - MD	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MH	REVISED -
PLOT DATE = 10/2/2023	DATE - 10-02-23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED LIGHTING PLAN			
IL ROUTE 19 (IRVING PARK ROAD)			
SCALE: 1"=50'	SHEET 3 OF 5 SHEETS	STA. 129+00 TO STA. 143+00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00055-02-WR	COOK	133	69
			CONTRACT NO. 61K06	
ILLINOIS FED. AID PROJECT				

LT-03



- NOTES:**
1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LTN-01.
 2. SET BACK IS FROM FACE OF CURB TO CENTER OF LIGHT POLE.
 3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.

HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SPT-LCT.dgn
 PLOT DATE: 10/2/2023
 PLOT SCALE: 100.0171' / in.
 FILE NUMBER: P:\0103\2021-05-IL 19 (Schamburg) to IL 59 HR GreenDesign\SMT\20045-sheet-light-04.dgn



USER NAME = mdelthe	DESIGNED - BL	REVISED -
	DRAWN - MD	REVISED -
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PLOT DATE = 10/2/2023	DATE - 10-02-23	REVISED -

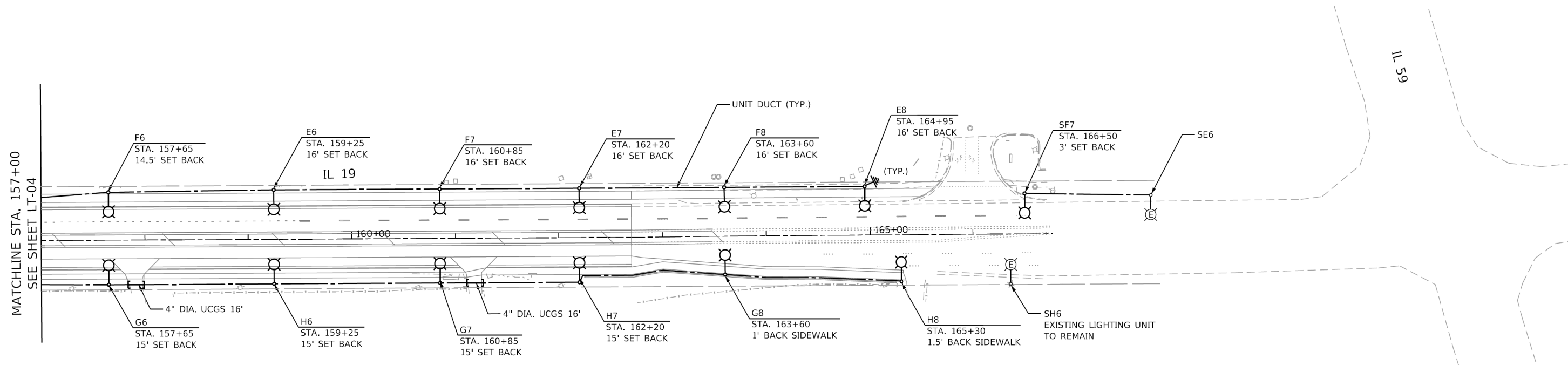
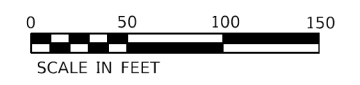
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
IL ROUTE 19 (IRVING PARK ROAD)**

SCALE: 1"=50' SHEET 4 OF 5 SHEETS STA. 143+00 TO STA. 157+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00055-02-WR	COOK	133	70
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

LT-04



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LTN-01.
2. SET BACK IS FROM FACE OF CURB TO CENTER OF LIGHT POLE.
3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.

HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SPT-LGT.dgn
 PLOT DATE: 10/2/2023
 PLOT SCALE: 1"=50'
 FILE NUMBER: E:\Projects\2021-05-IL 19 (Schamburg, IL) 59-HR GreenDesign\SMT20045-sheetLight-05.dgn



USER NAME = mdelthe	DESIGNED - BL	REVISED -
	DRAWN - MD	REVISED -
PLOT SCALE = 100.0171' / in.	CHECKED - MH	REVISED -
PLOT DATE = 10/2/2023	DATE - 10-02-23	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
 IL ROUTE 19 (IRVING PARK ROAD)**

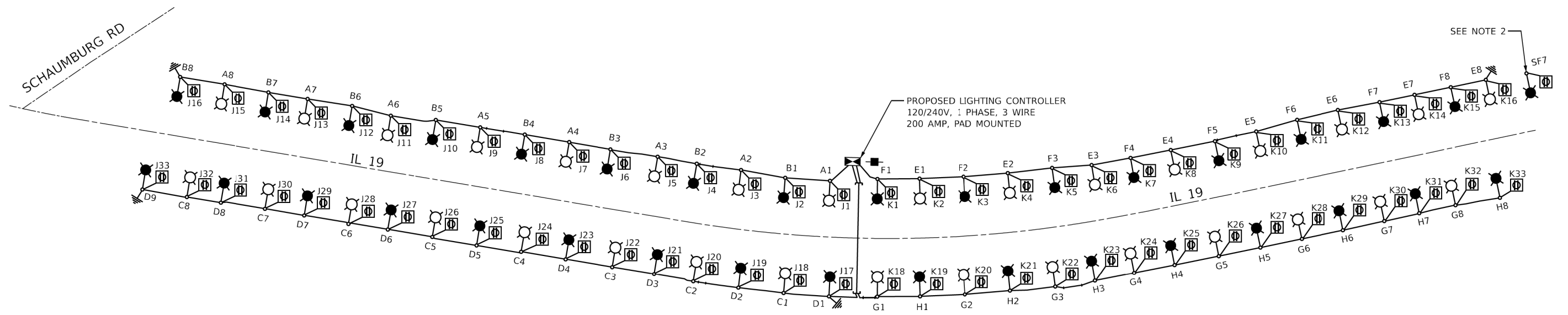
SCALE: 1"=50' SHEET 5 OF 5 SHEETS STA. 157+00 TO STA. 167+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00055-02-WR	COOK	133	71
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

LT-05

LEGEND:

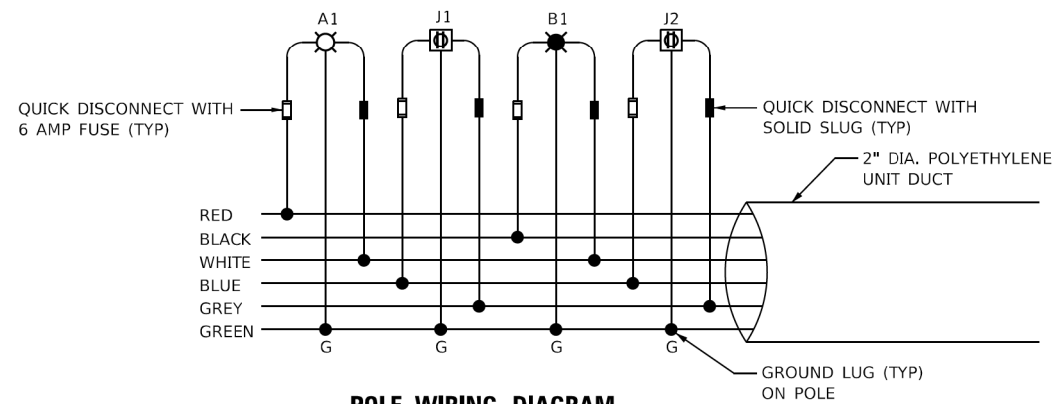
- LUMINAIRE, LED, 120V, 1.2A, 13W, ON RED WIRE
- LUMINAIRE, LED, 120V, 1.2A, 13W, ON BLACK WIRE
- FESTOON OUTLET, 120V GFCI, 1.2A, ON BLUE WIRE
- UNIT DUCT 5-1/C #2 1/C #4 GROUND



LOAD TABLE LIGHTING CONTROLLER "LC"
120/240V AC, 1PHASE, 200 AMP WITH 8-30A, 2-60A BKRS.

ON RED WIRE				ON BLACK WIRE				ON BLUE WIRE			
CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE	CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE	CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE
A	8	9.68	1048	B	8	9.68	1048	J	33 RECEPT.	39.6	4290
C	8	9.68	1048	D	9	10.89	1179	K	32 RECEPT.	38.4	4160
E	8	9.68	1048	F	8	9.68	1048	-	-	-	-
G	8	9.68	1048	H	8	9.68	1048	-	-	-	-
TOTAL		38.72	4192	TOTAL		39.93	4323	TOTAL	65 RECEPT.	78	8450

TOTAL LOAD IN WATTS 16,965
TOTAL LOAD IN AMPS 156.65



POLE WIRING DIAGRAM

NOTES

1. FOR LEGEND AND GENERAL NOTES, SEE SHEET LTN-01.
2. POLE TO BE CONNECTED TO EXISTING SYSTEM.

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-LGT.dgn
 PLOT DATE: 10/2/2023
 PLOT SCALE: 1/8" = 1'-0"
 FILE NUMBER: E:\PROJECTS\2021-05-IL 19 (Schaumburg) IS IL 59-1R GreenDesign\Sht1200415-sheetlight-06.dgn



USER NAME = mdeltche	DESIGNED - BL	REVISED -
PLOT SCALE = 200.0000' / in.	DRAWN - MD	REVISED -
PLOT DATE = 10/2/2023	CHECKED - MH	REVISED -
	DATE - 10-02-23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SINGLE LINE WIRING DIAGRAM
IL ROUTE 19 (IRVING PARK ROAD)**

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

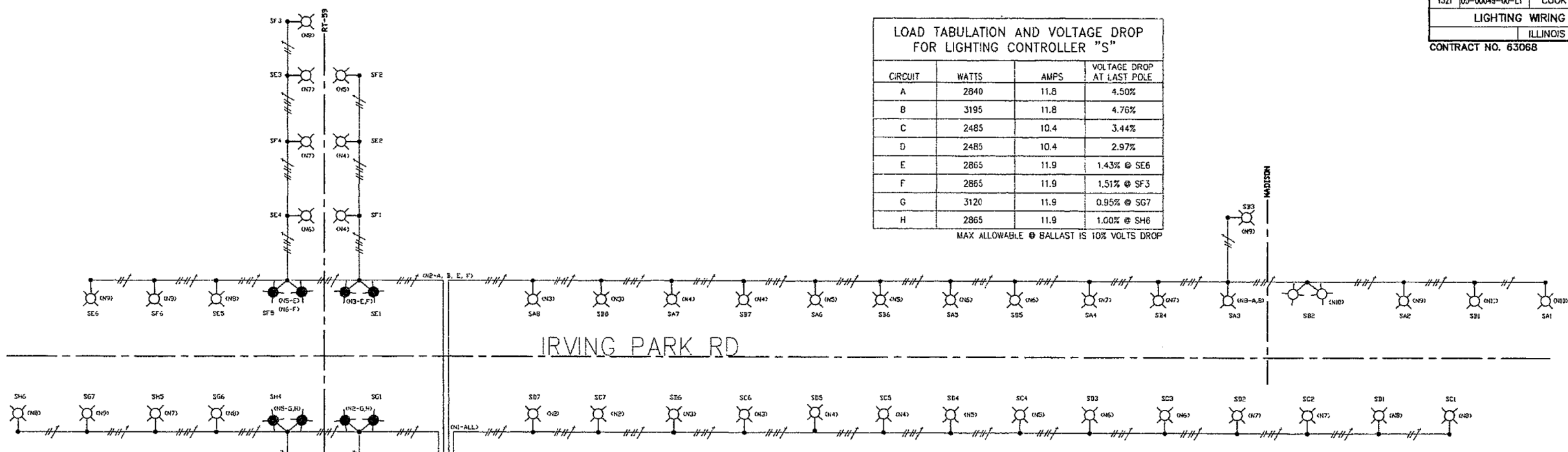
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00055-02-WR	COOK	133	72
			CONTRACT NO. 61K06	
		ILLINOIS FED. AID PROJECT		

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	105-00048-00-LT	COOK	9	6
LIGHTING WIRING DIAGRAM				
ILLINOIS				
CONTRACT NO. 63068				

LOAD TABULATION AND VOLTAGE DROP FOR LIGHTING CONTROLLER "S"

CIRCUIT	WATTS	AMPS	VOLTAGE DROP AT LAST POLE
A	2840	11.8	4.50%
B	3195	11.8	4.76%
C	2485	10.4	3.44%
D	2485	10.4	2.97%
E	2865	11.9	1.43% @ SE6
F	2865	11.9	1.51% @ SF3
G	3120	11.9	0.95% @ SG7
H	2865	11.9	1.00% @ SH6

MAX ALLOWABLE @ BALLAST IS 10% VOLTS DROP

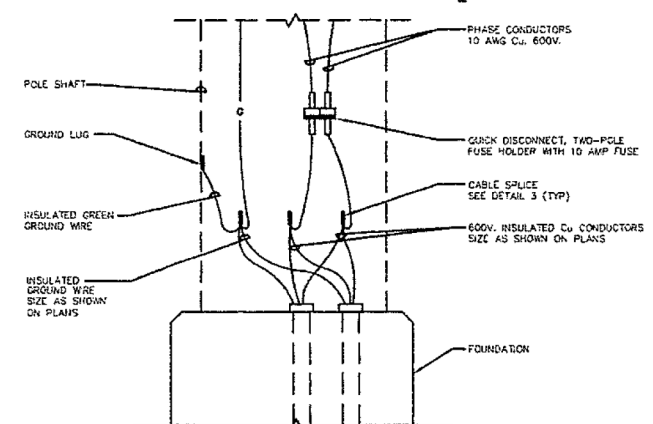


1 WIRING DIAGRAM
NO SCALE

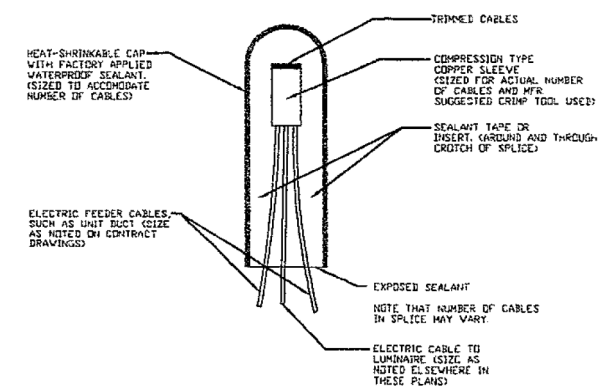
FOR INFORMATION ONLY

LEGEND

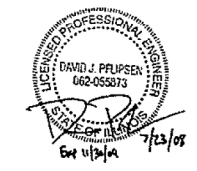
- SINGLE 250W H.P.S. LUMINAIRE, 240V, 1 PHASE, 2 WIRE
- DUAL 250W H.P.S. LUMINAIRE, 240V, 1 PHASE, 2 WIRE
- DUAL 400W H.P.S. LUMINAIRE, 240V, 1 PHASE, 2 WIRE
- 2#5 AWG & 1#6 AWG GROUND, 600V. (XLP-TYPE USE) ROUTED IN 2" RIGID GALVANIZED STEEL CONDUIT
- 4#6 AWG & 1#6 AWG GROUND, 600V. (XLP-TYPE USE) ROUTED IN 2" RIGID GALVANIZED STEEL CONDUIT
- PROPOSED LIGHTING CONTROLLER
- CIRCUITING DESIGNATION SCHEME
- # - DENOTES POLE NO. ON GIVEN CIRCUIT
- LETTER - DENOTES CIRCUIT DESIGNATION (A THROUGH H)
- S - DENOTES CONTROLLER CABINET LABEL
- (NA) IDENTIFIES NODE POINT USED IN VOLTAGE DROP CALCS.



2 POLE BASE WIRING DIAGRAM
NO SCALE



3 SPlicing ELECTRIC CABLES BASIC MATERIALS AND METHODS
NO SCALE



ENGINEERING CONSULTANTS
1771 W. BEEK ROAD, SUITE 200
MAREVILLE, IL 62453
618-352-2200 FAX: 618-352-7242
www.jew.com PROJECT #19250

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REFERENCE SCALE IN INCHES
1" = 10'-0"

PLANS PREPARED BY:
GEWALT HAMILTON ASSOCIATES, INC.
Consulting Engineers & Surveyors
600 Forest Edge Drive
Naperville, IL 60563
(617) 492-2700
(617) 478-2701 (fx)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHTING WIRING DIAGRAM

IRVING PARK ROAD LIGHTING
STREAMWOOD, ILLINOIS

SCALE: N.T.S.
DATE: 6-16-08

DRAWN BY: DRS
DESIGNED BY: AJP
CHECKED BY: BLS

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-LGT.dgn
 PLOT DATE: 10/2/2023
 PLOT SCALE: 1:1500' / ft.
 PLOT DATE: 10/2/2023
 FILE NAME: E:\PROJECTS\2021-105-IL-19 (Schaumburg, IL) 59-14R GreenDesign\SM1200415-sheetlight07.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = mdlcthe	DESIGNED - BL	REVISED -
PLOT SCALE = 1:1500' / ft.	DRAWN - MD	REVISED -
PLOT DATE = 10/2/2023	CHECKED - MH	REVISED -
	DATE - 10-02-23	REVISED -

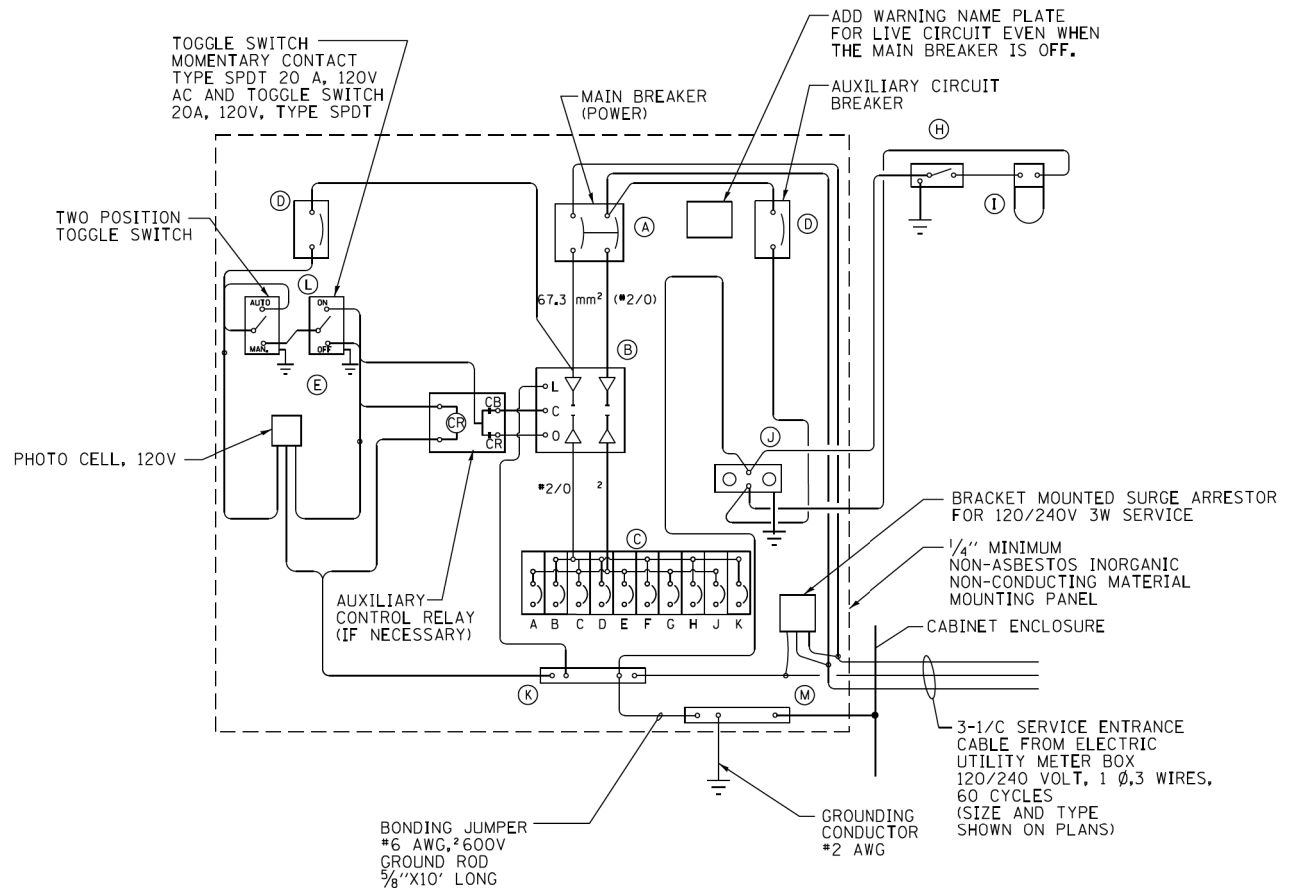
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING WIRING DIAGRAM
IL ROUTE 19 (IRVING PARK ROAD)**

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

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00055-02-WR	COOK	133	73
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				

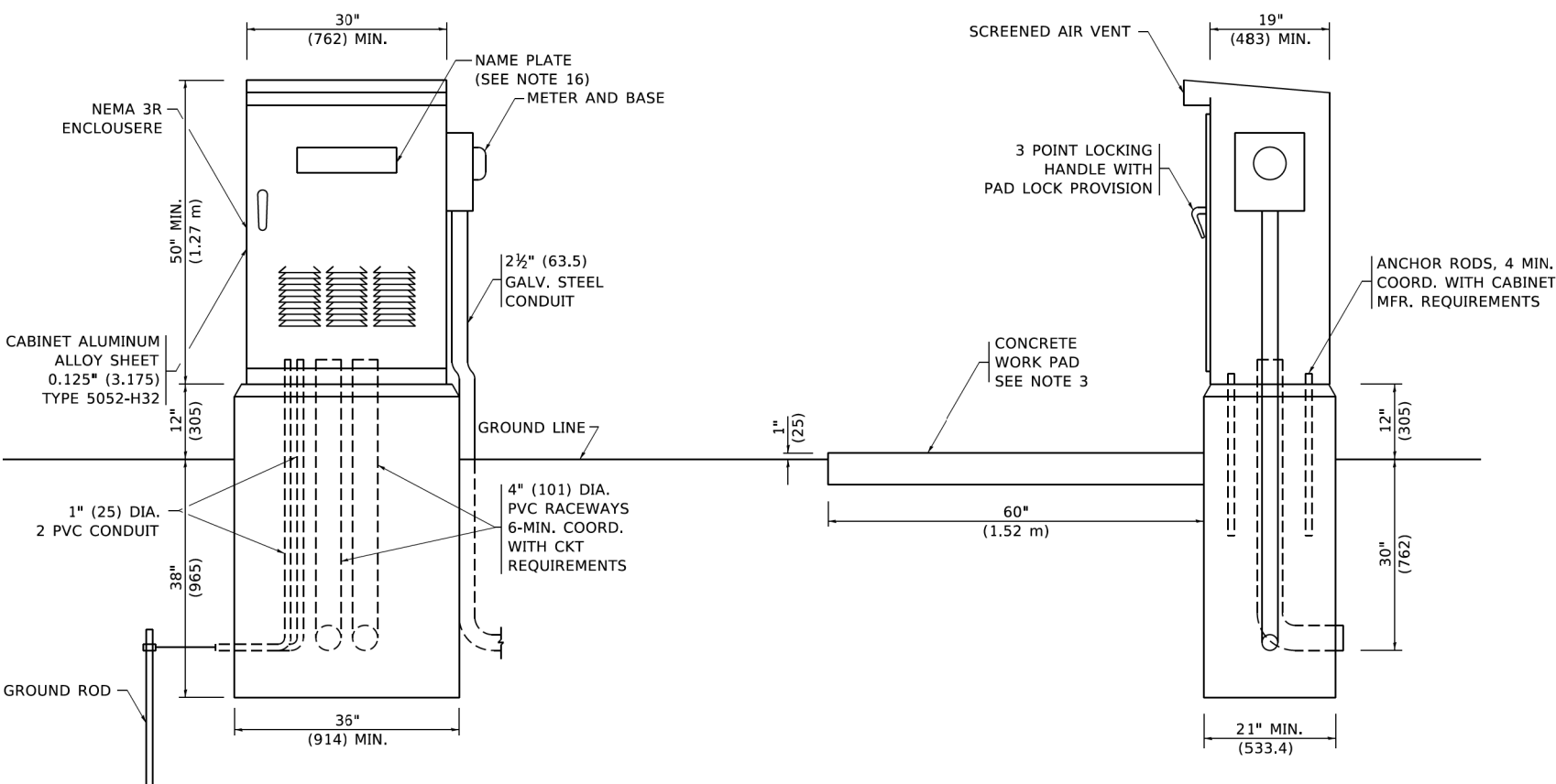
LT-07



WIRING DIAGRAM

PANEL EQUIPMENT

BILL OF MATERIAL		
ITEM	QTY.	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 200 AMP. FRAME, 200AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 240 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 200 AMP., 600 VOLTS CONTROL CIRCUITS 120 VOLT, ASCO 920.
C	8	CIRCUIT BREAKERS, 1 POLE, 277V., 100AMP. FRAME 30AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-14,000 AMP. AT 120 V.
C	2	CIRCUIT BREAKERS, 1 POLE, 277V., 100AMP. FRAME 50AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-14,000 AMP. AT 120 V. (GFCI)
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 V., 100AMP. FRAME, 15AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-14,000 AMP. AT 120 V.
E	1	PHOTECCELL, 120V
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN.
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER NEUTRAL BUS 6.35 mm (1/4") X 25.4 mm (1") X 304.8 mm (12") LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS.
L	1	TOGGLE SWITCHES MOUNTED IN 101.6 mm (4") X 101.6 mm (4") BOX.
M	1	COPPER GROUND BUS 6.35 mm (1/4") X 25.4 (1") 304.8 mm (12") LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS.
N	1	SURGE ARRESTOR



NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) x 60" (18.288 m) x 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1#4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
R = RED BL = BLUEW = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
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 FILE PATH: \\s:\projects\20045-SPT-LGT\20045-SPT-LGT.dgn
 PLOT DATE: 4/19/2019 10:46:47 AM
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 4/19/2019 10:46:47 AM

AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60516

USER NAME = footemj	DESIGNED -	REVISED - 08-20-04
PLOT SCALE = 50.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 4/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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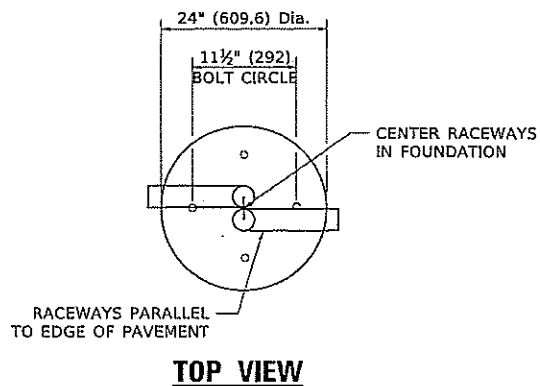
LIGHTING CONTROLLER
SINGLE DOOR

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BE-215		133	75
ILLINOIS		CONTRACT NO. 61K06		
FED. AID PROJECT				

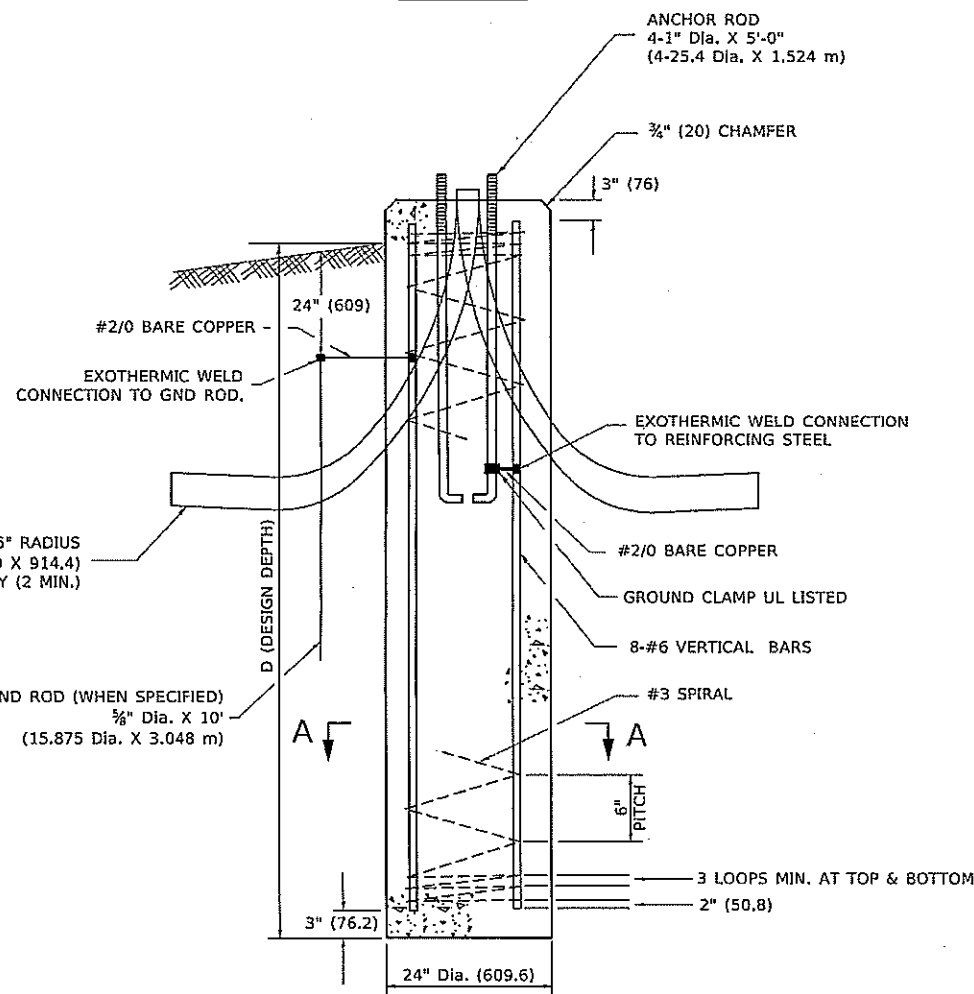
LT-09

LIGHT POLE FOUNDATION DEPTH TABLE
30 FT. (9.144 m) TO 35 FT. (10.668 m) MOUNTING HEIGHT

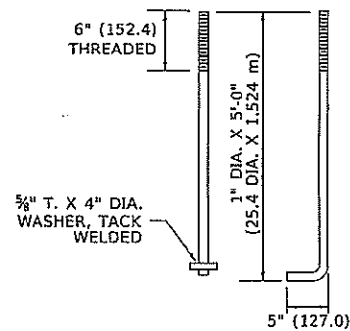
SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SQ. FT.	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND φ = 34°	9'-6" (2.90 m)	10'-7" (3.22 m)
MEDIUM SAND φ = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND φ = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)



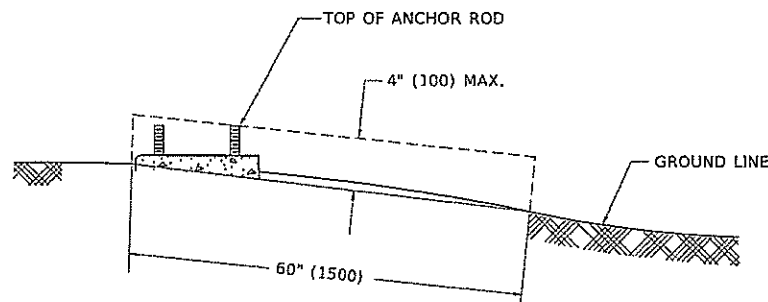
TOP VIEW



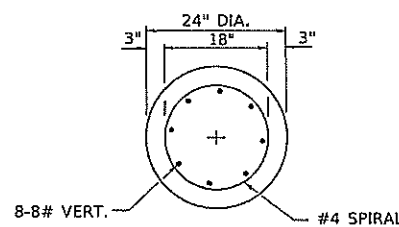
FOUNDATION DETAIL



ANCHOR BOLT DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3#4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 23#4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

IHC PROJECT NO: 20045
 IHC PROJ CONTACT: [Name]
 IHC DRAWN BY: [Name]
 IHC CHECKED BY: [Name]
 IHC DATE: 4/19/2019
 IHC FILE NAME: [Name]

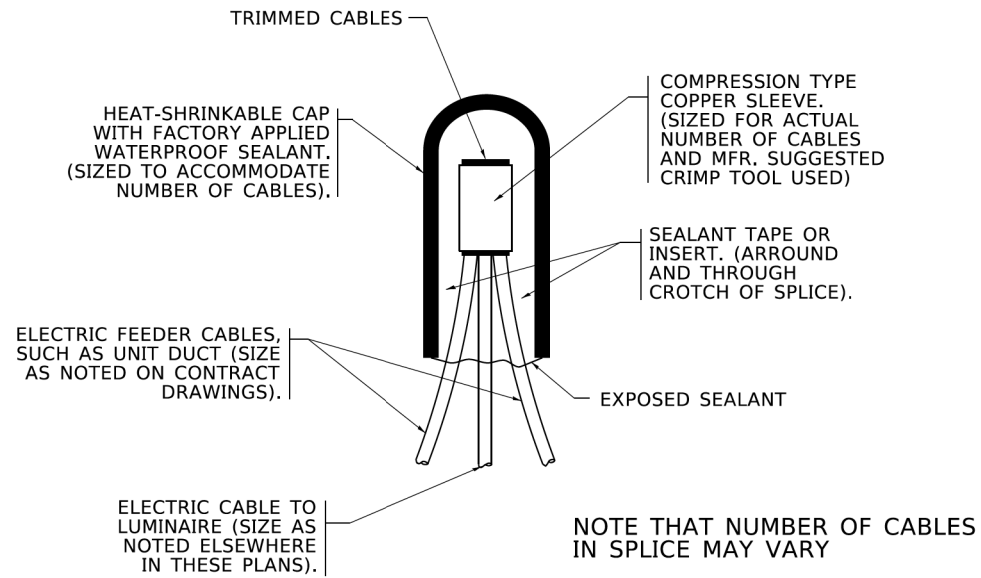
AMES Engineering, Inc.
 CONSULTING ENGINEERS
 633 Belmont Road, Suite 4D
 Downers Grove, IL 60516

USER NAME = foetzmj	DESIGNED -	REVISED -
PLOT SCALE = 50,000 / in.	DRAWN -	REVISED -
PLOT DATE = 4/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

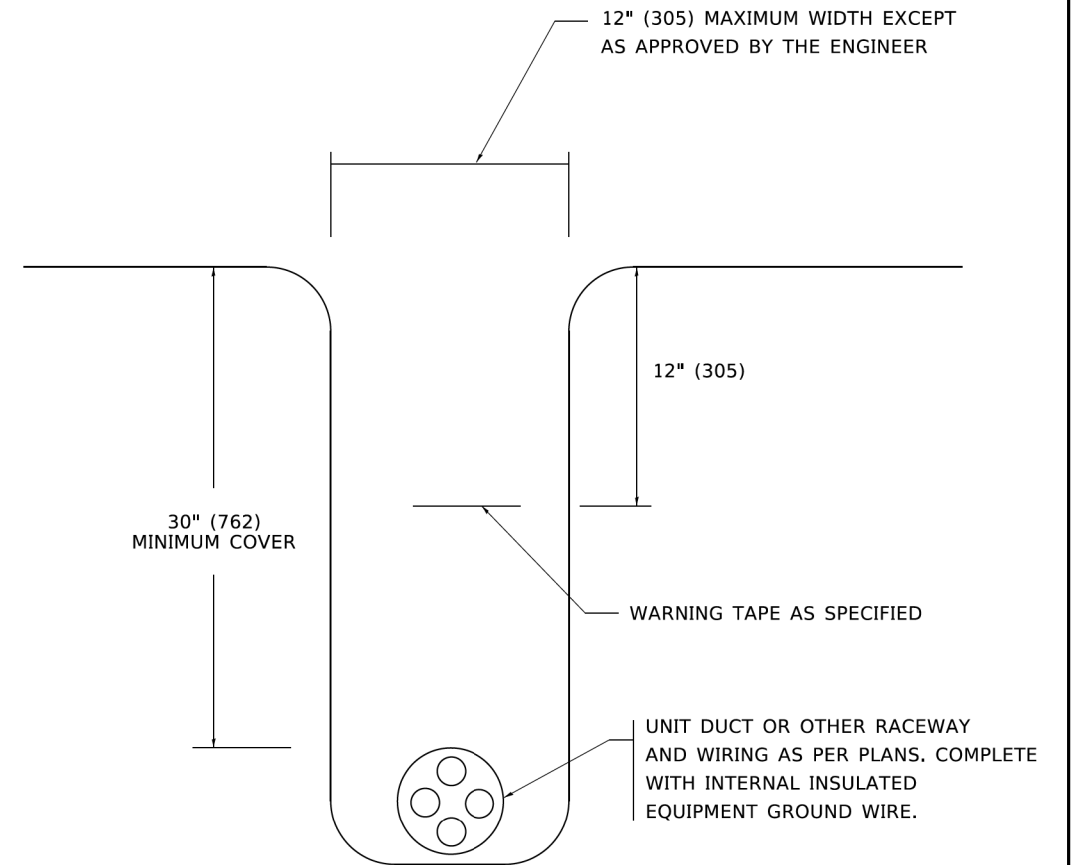
LIGHT POLE FOUNDATION
 30' (9.144 m) TO 35' (10.668 m) M.H. 11 1/2" (292 mm) BOLT CIRCLE
 SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BE-300		133	76
ILLINOIS FED. AID PROJECT			Contract No. 61K06	

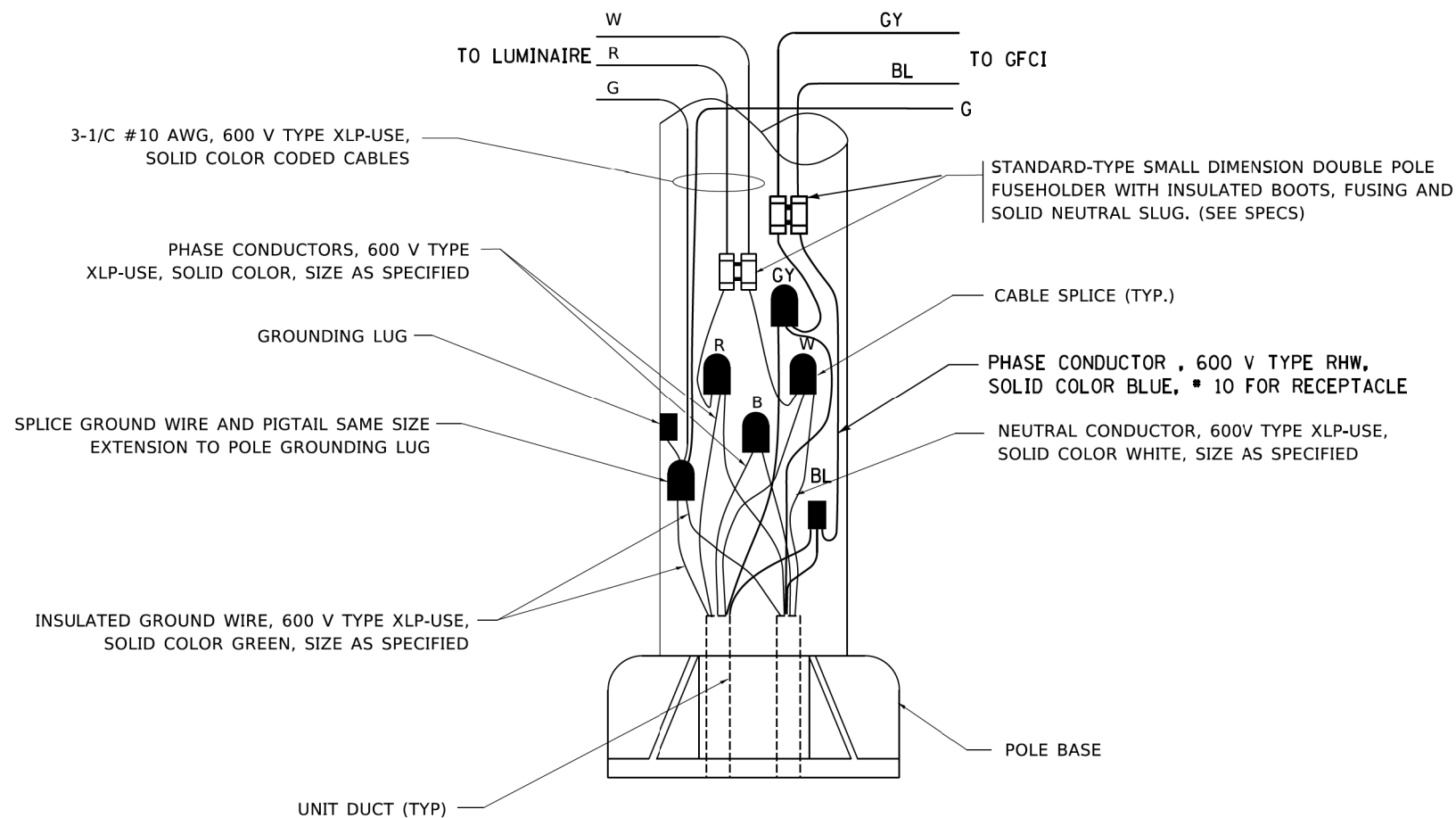


TYPICAL SPLICE DETAIL
N.T.S.

NOTE THAT NUMBER OF CABLES IN SPLICE MAY VARY



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-LCT.dgn
 PLOT DATE: 08/08/2003 10:41:17 AM
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 3/2/2020
 FILE NAME: p:\projects\20045-SPT-LCT.dgn

AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60516

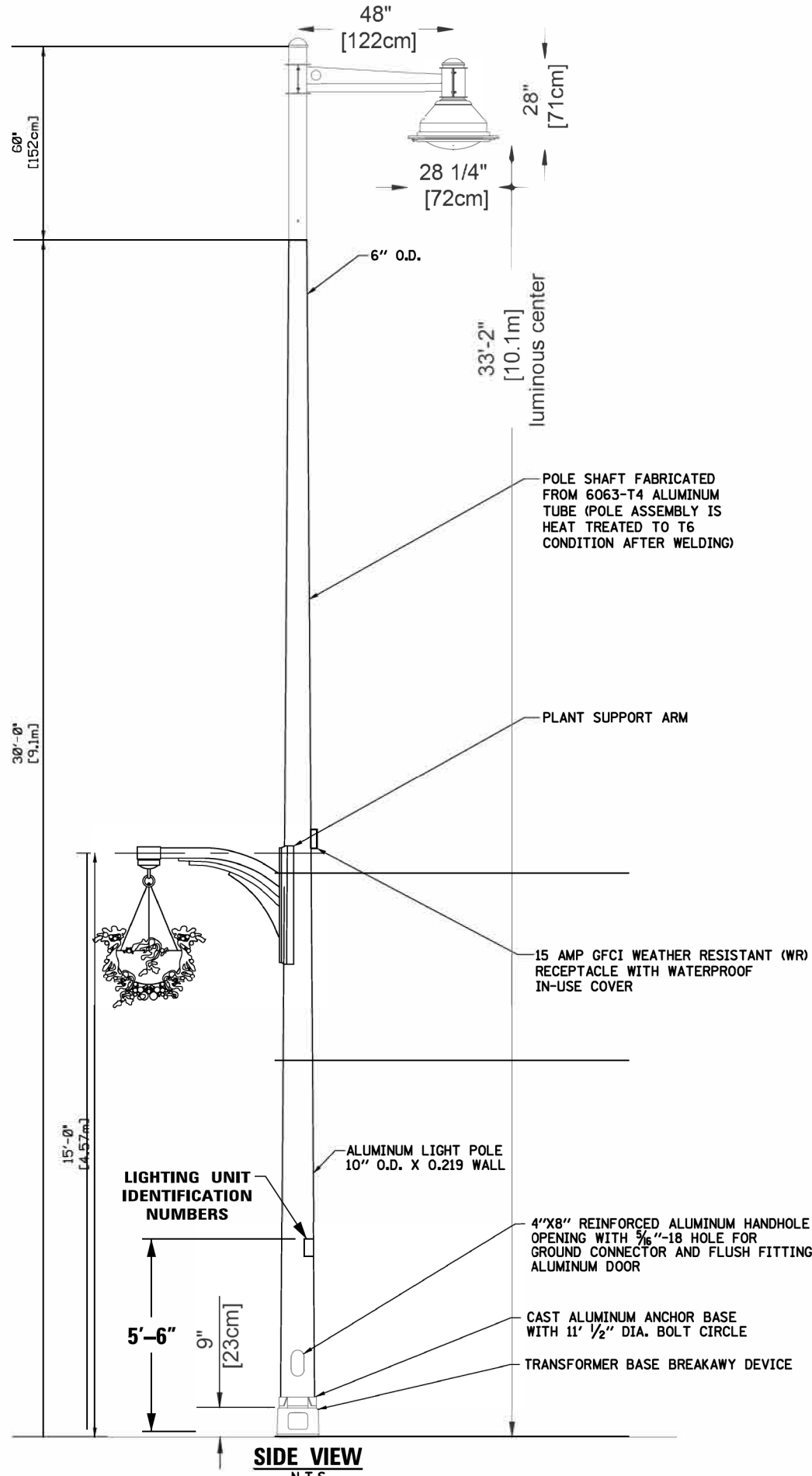
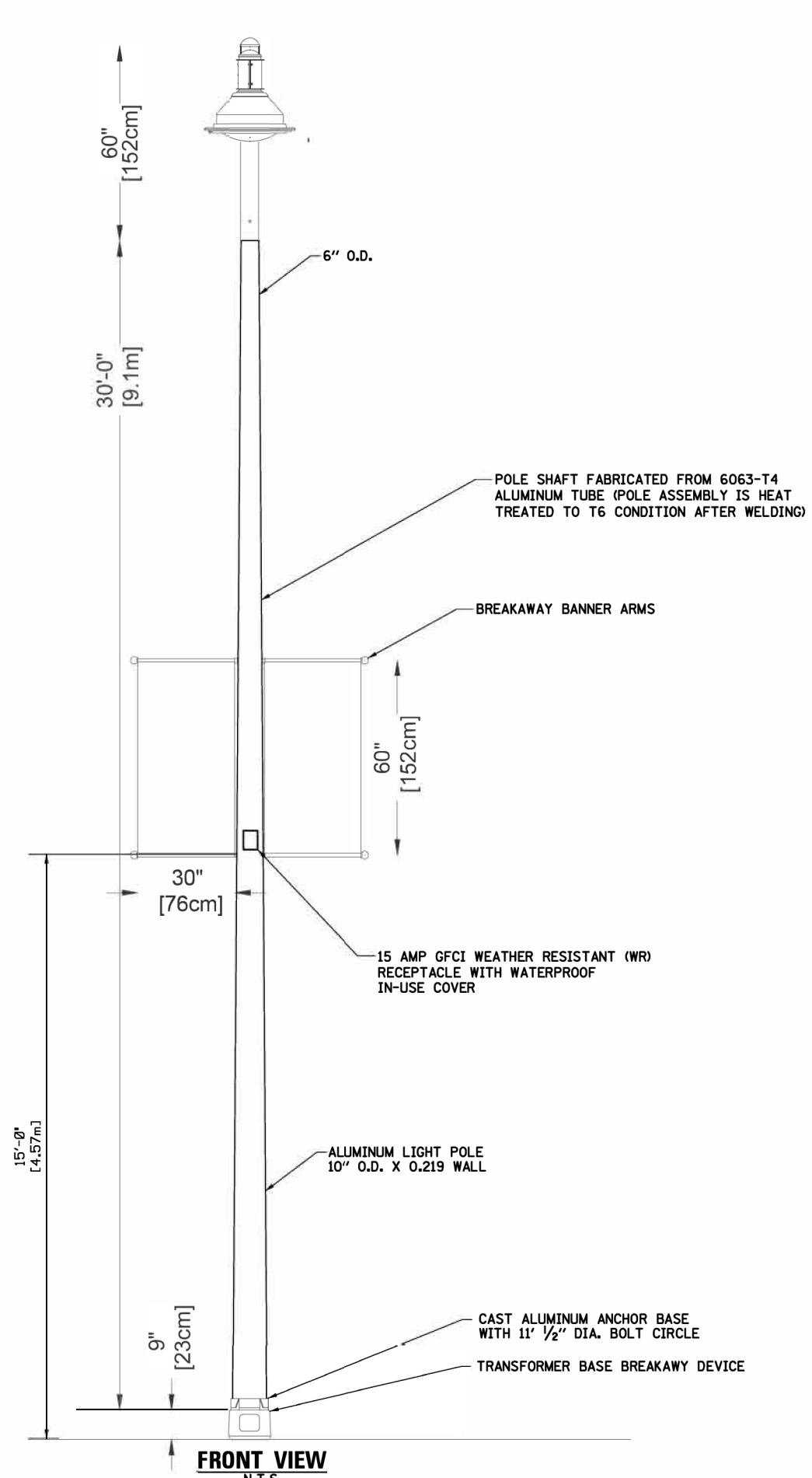
USER NAME = leysa	DESIGNED -	REVISED - 02/04/2020
PLOT SCALE = 50,0000 1 / 16"	DRAWN -	REVISED -
PLOT DATE = 3/2/2020	CHECKED -	REVISED -
	DATE - 08/08/2003	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS
 SHEET A

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			133	77
BE-702			CONTRACT NO. 61K06	
ILLINOIS FED. AID PROJECT				



NOTES:

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE LIGHT POLE SHALL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
3. THE INSTALLING CONTRACTOR SHALL PROVIDE A UL LISTED GROUNDING-3/8"-16 CONNECTOR, BURNDY K2C23 T&B SP4DL OR APPROVED EQUAL.
4. LIGHT POLE WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS OR SHIMS.
5. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMIAIRES.
6. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED PER VILLAGE OF STREAMWOOD REQUIREMENTS.
7. THE LIGHT POLE SHALL BE REVIEWED AND APPROVED BY THE VILLAGE OF STREAMWOOD PRIOR TO INSTALLATION.
8. A RETENTION CHAIN SHALL BE PROVIDED FOR THE BREAKAWAY BANNER ARMS.
9. THE LIGHT POLE SHALL BE CLASSIFIED BY UL, ETL OR APPROVED OSHA TESTING LABORATORY.
10. THE BREAKAWAY DEVICE SHALL BE AASHTO APPROVED.
11. BANNER AND PLANTER ARMS SHALL MEET AASHTO DESIGN CRITERIA (LOADING AND CALCULATION REQUIREMENT 90 MPH-3 SEC WIND SPEEDS).

HRG PROJECT NO.: 20045
 HRG PROJ. CONTACT:
 FILE NAME: 20045-SPT-LGT.dgn
 FILE NUMBER: 10/2/2023
 REVISIONS: 10/2/2023
 FILE NUMBER: 10/2/2023-105-AL 19 (Schaumburg, IL 59)HR GreenDesign\Sht1200415-sheet.dgn:12.dgn



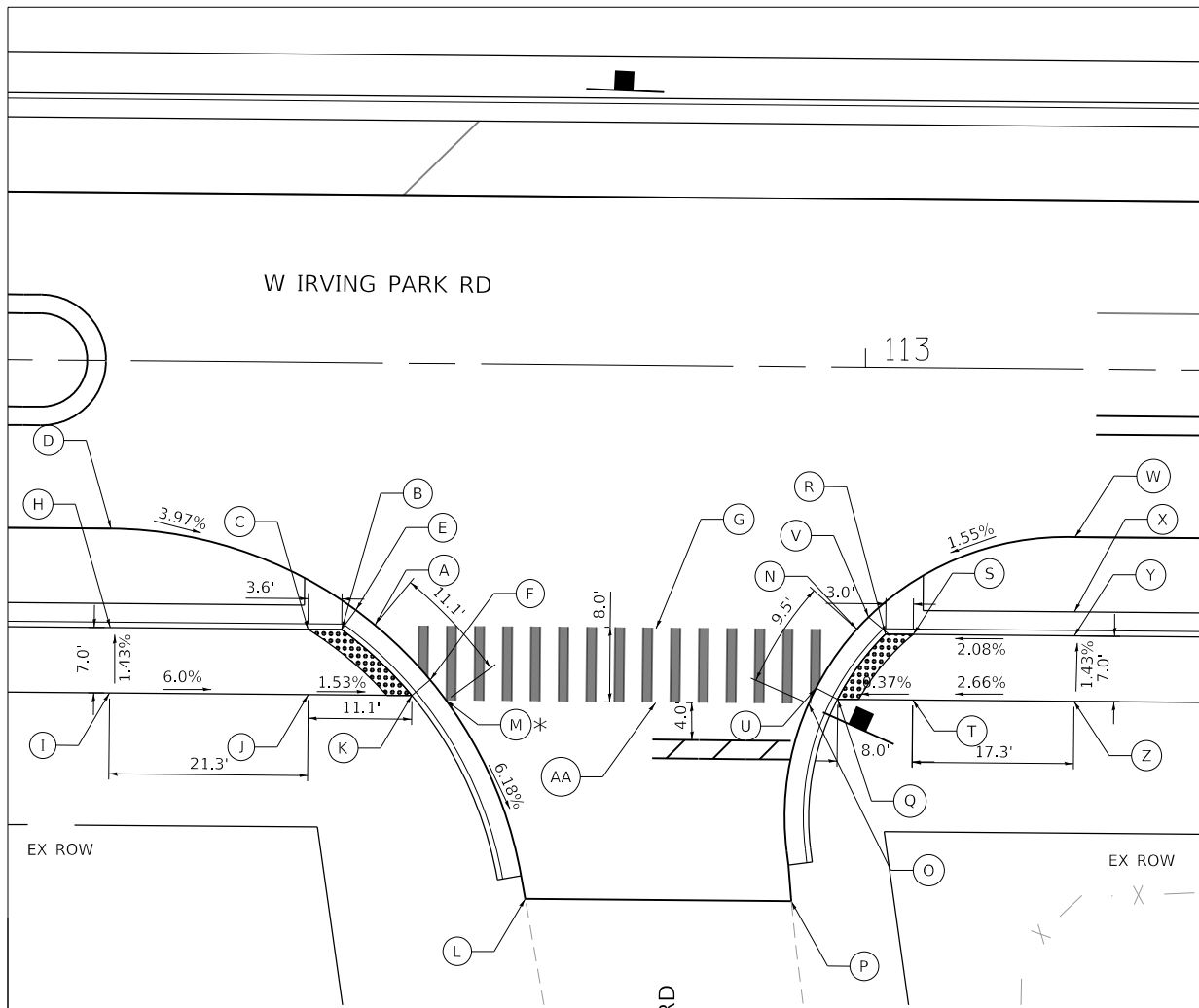
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PLOT SCALE = 1,000' / ft.	DRAWN - MD	REVISED -
PLOT DATE = 10/2/2023	CHECKED - MH	REVISED -
	DATE - 10-02-23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHT POLE DETAILS
IL ROUTE 19 (IRVING PARK ROAD)**

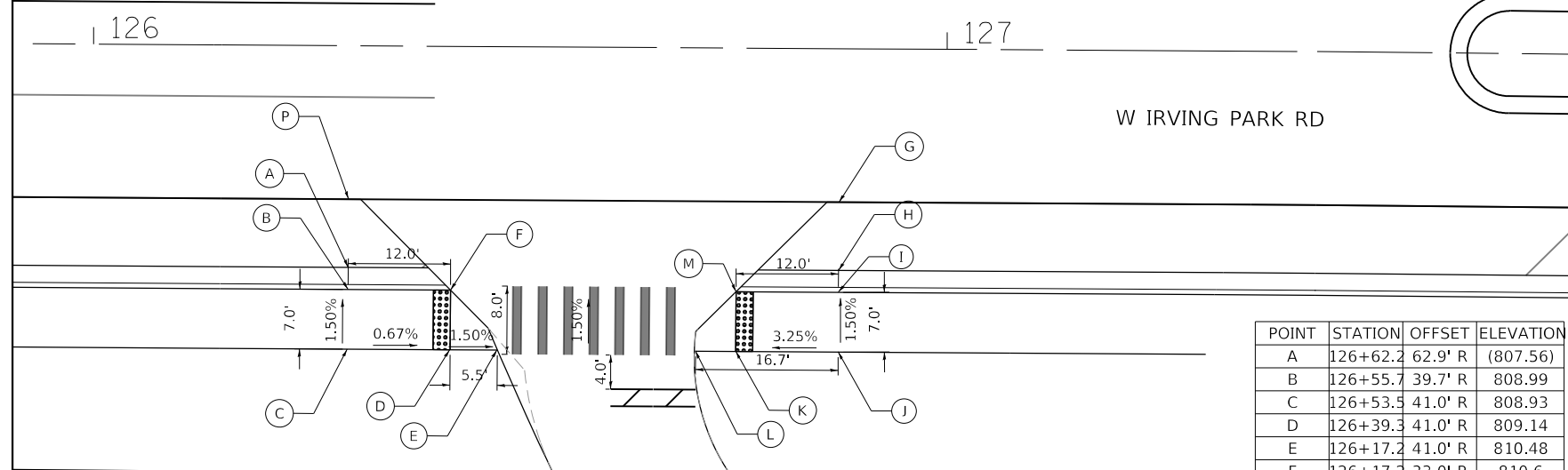
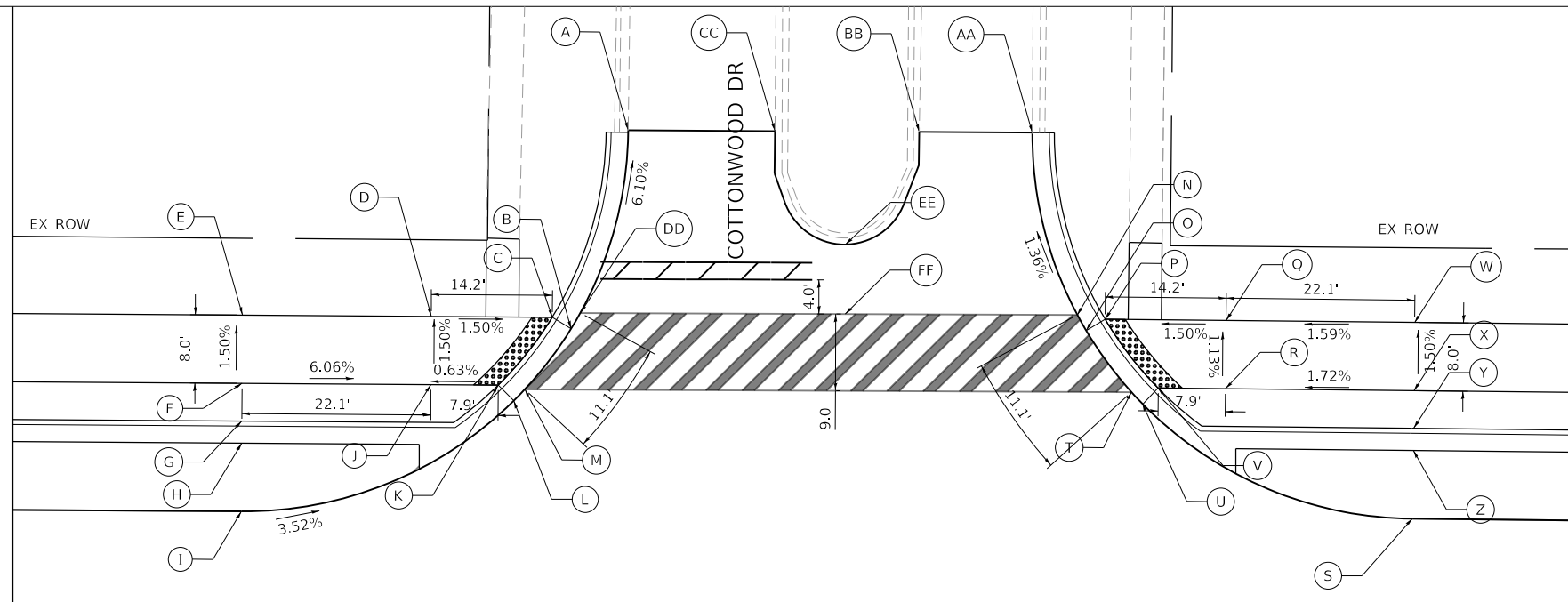
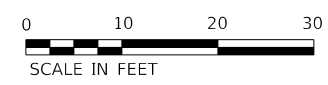
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00055-02-WR	COOK	133	78
			CONTRACT NO. 61K06	
ILLINOIS FED. AID PROJECT				



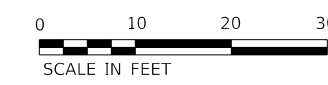
POINT	STATION	OFFSET	ELEVATION
A	112+47.8	28.1' L	837.24
B	112+44.2	28.6' L	837.28
C	112+40.6	28.6' L	837.23
D	112+19.4	18.0' L	838.46
E	112+45.7	26.5' L	837.34
F	112+53.7	33.9' L	836.91
G	112+77.8	28.2' L	835.98
H	112+19.4	28.6' L	838.52
I	112+19.4	38.6' L	838.42
J	112+40.7	38.6' L	837.14
K	112+51.7	38.6' L	836.97
L	112+64.1	57.3' L	(835.48)
M	112+55.5	36.1' L	836.8
N	112+99.3	28.1' L	835.71
O	112+94.2	36.1' L	835.56
P	112+92.5	57.3' L	(835.23)
Q	112+97.3	35.6' L	835.59
R	113+02.4	28.6' L	835.68
S	113+05.4	28.6' L	835.72
T	113+05.4	38.6' L	835.62
U	112+95.0	34.4' L	835.59
V	113+00.6	26.8' L	835.74
W	112+22.6	18.0' L	836.12
X	112+22.6	26.0' L	835.8
Y	112+22.6	28.6' L	836.18
Z	112+22.6	35.6' L	836.08
AA	112+77.8	36.2' L	835.8

* GRADE BREAK



POINT	STATION	OFFSET	ELEVATION
A	126+30.0	26.0' L	810.08
B	126+30.1	28.6' L	810.46
C	126+30.2	36.6' L	810.56
D	126+42.0	36.6' L	810.49
E	126+47.5	36.6' L	810.57
F	126+42.0	28.6' L	810.38
G	126+87.5	18.0' L	809.42
H	126+87.5	26.0' L	809.1
I	126+87.5	28.6' L	809.48
J	126+87.5	35.6' L	809.58
K	126+75.5	35.6' L	809.57
L	126+70.8	35.6' L	810.12
M	126+75.5	28.6' L	809.87
N	126+64.6	28.0' L	810.31

POINT	STATION	OFFSET	ELEVATION
A	126+62.2	62.9' R	(807.56)
B	126+55.7	39.7' R	808.99
C	126+53.5	41.0' R	808.93
D	126+39.3	41.0' R	809.14
E	126+17.2	41.0' R	810.48
F	126+17.2	33.0' R	810.6
G	126+17.2	28.6' R	810.67
H	126+17.2	26.0' R	810.29
I	126+17.2	18.0' R	810.61
J	126+39.3	33.0' R	809.26
K	126+47.2	33.0' R	809.31
L	126+49.0	31.2' R	809.37
M	126+50.3	32.5' R	809.3
N	126+15.0	41.7' R	807.65
O	126+16.0	39.9' R	807.68
P	126+18.3	41.2' R	807.62
Q	126+32.4	41.2' R	807.83
R	126+32.4	33.2' R	807.92
S	126+54.4	18.1' R	808.31
T	126+21.4	32.7' R	807.8
U	126+22.8	31.3' R	807.83
V	126+24.5	33.2' R	807.77
W	126+54.5	41.1' R	808.18
X	126+54.5	33.1' R	808.3
Y	126+54.5	28.7' R	808.37
Z	126+54.5	26.1' R	807.99
AA	127+09.6	62.9' R	(807.35)
BB	126+96.4	62.9' R	(807.24)
CC	126+79.5	62.9' R	(807.41)
DD	126+56.8	41.5' R	808.91
EE	126+87.8	49.7' R	(807.54)
FF	126+87.8	41.5' R	808.17



HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
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 PEN TABLE: penTable.tbl



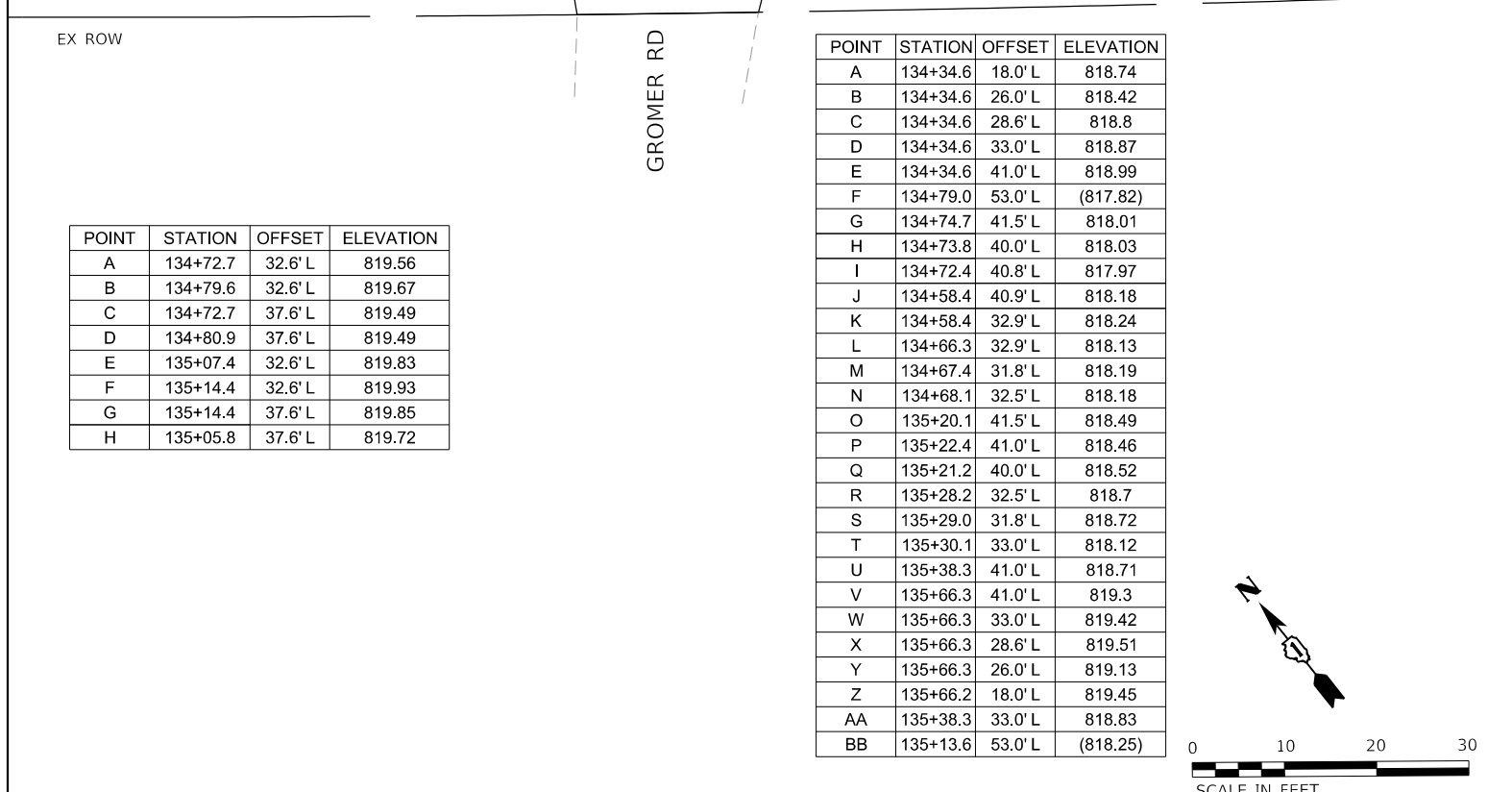
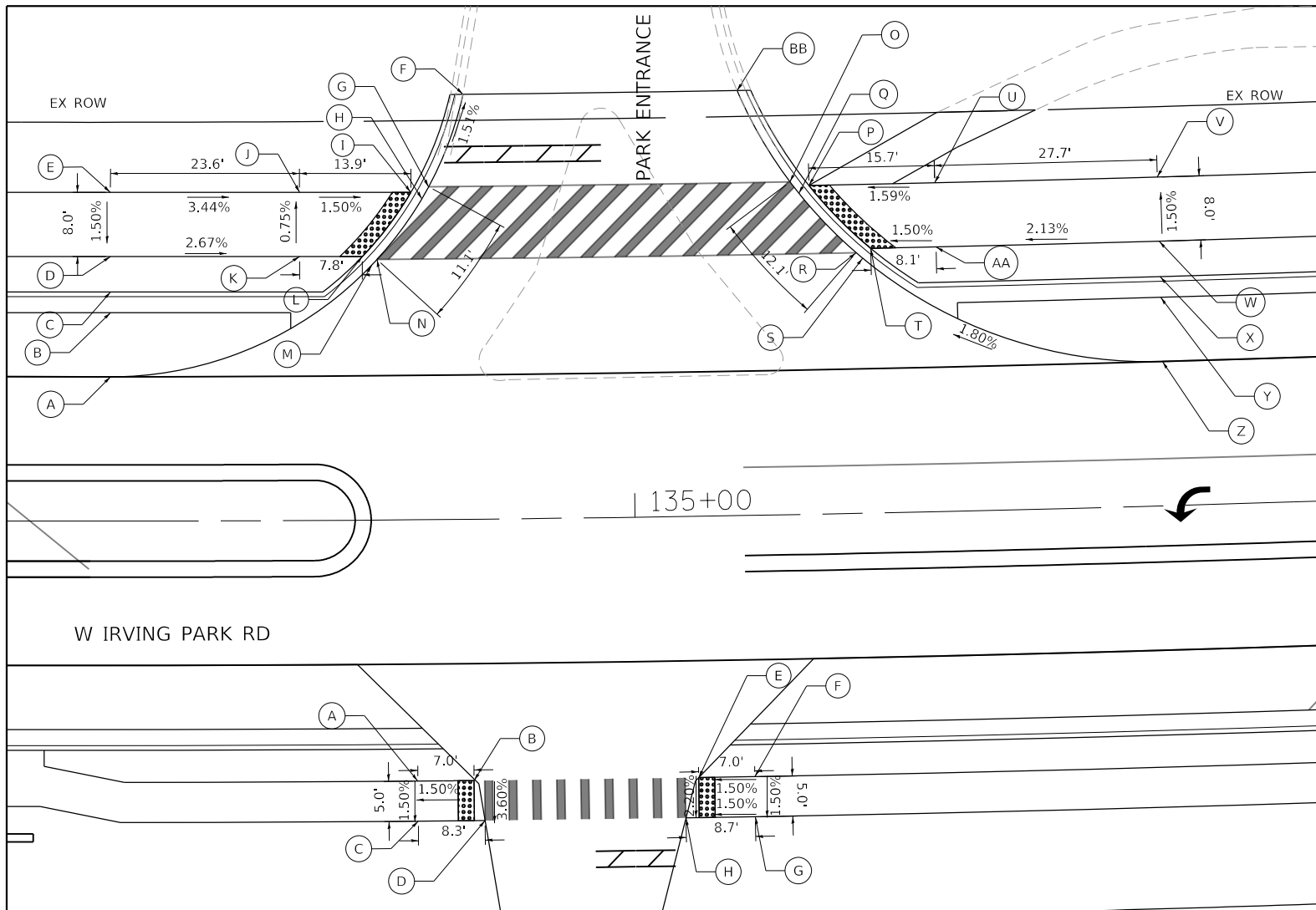
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	DRAWN - JG	REVISED -
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PLOT DATE = 11/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
IL RTE 19 (IRVING PARK RD)**

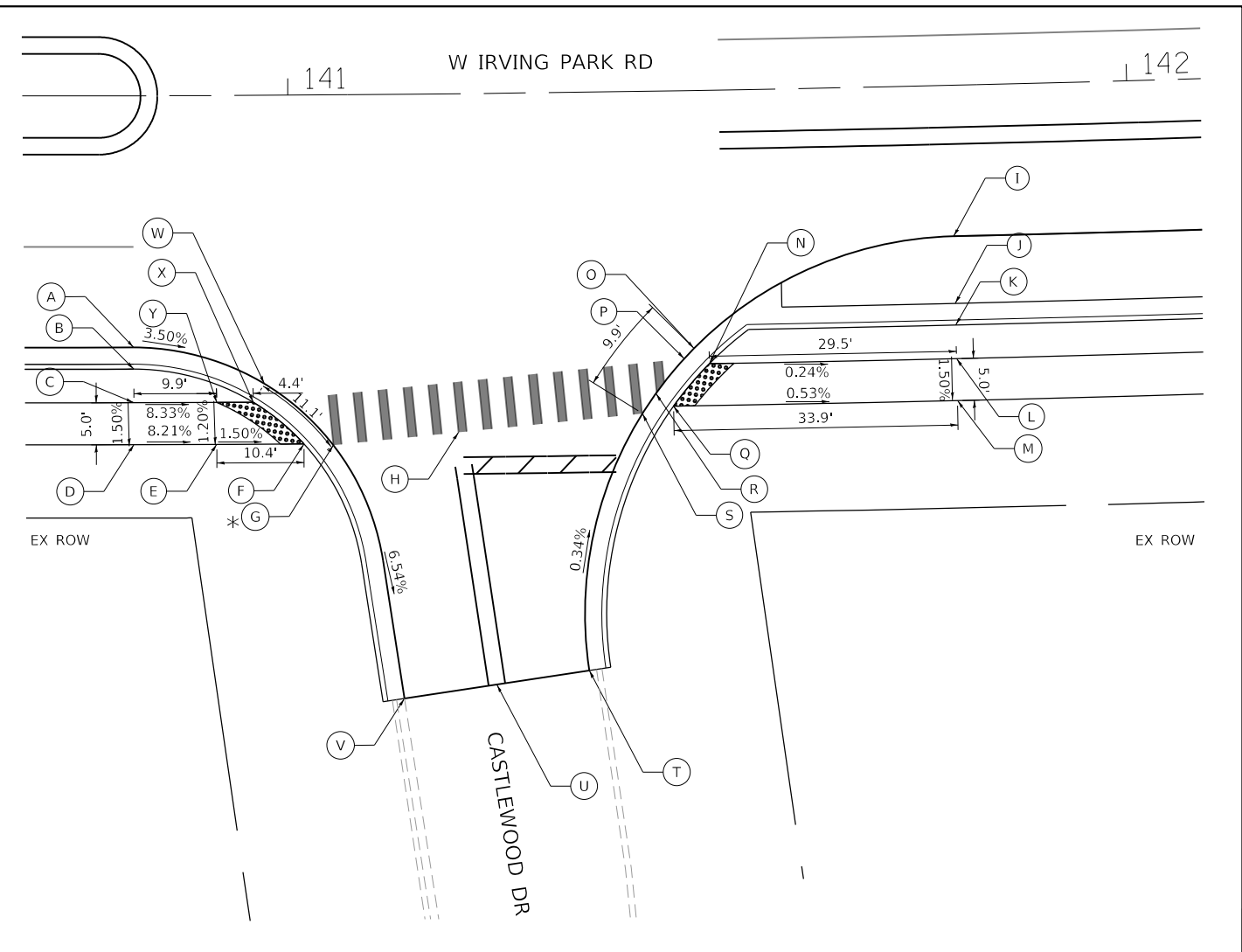
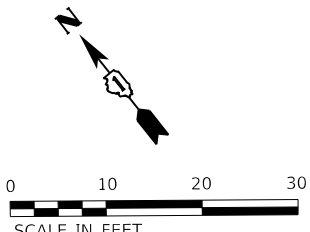
SCALE: 1"=10' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	79
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				



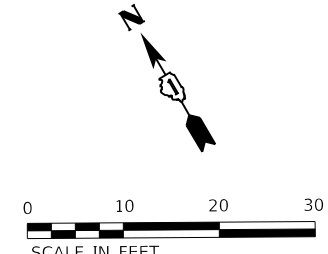
POINT	STATION	OFFSET	ELEVATION
A	134+72.7	32.6' L	819.56
B	134+79.6	32.6' L	819.67
C	134+72.7	37.6' L	819.49
D	134+80.9	37.6' L	819.49
E	135+07.4	32.6' L	819.83
F	135+14.4	32.6' L	819.93
G	135+14.4	37.6' L	819.85
H	135+05.8	37.6' L	819.72

POINT	STATION	OFFSET	ELEVATION
A	134+34.6	18.0' L	818.74
B	134+34.6	26.0' L	818.42
C	134+34.6	28.6' L	818.8
D	134+34.6	33.0' L	818.87
E	134+34.6	41.0' L	818.99
F	134+79.0	53.0' L	(817.82)
G	134+74.7	41.5' L	818.01
H	134+73.8	40.0' L	818.03
I	134+72.4	40.8' L	817.97
J	134+58.4	40.9' L	818.18
K	134+58.4	32.9' L	818.24
L	134+66.3	32.9' L	818.13
M	134+67.4	31.8' L	818.19
N	134+68.1	32.5' L	818.18
O	135+20.1	41.5' L	818.49
P	135+22.4	41.0' L	818.46
Q	135+21.2	40.0' L	818.52
R	135+28.2	32.5' L	818.7
S	135+29.0	31.8' L	818.72
T	135+30.1	33.0' L	818.12
U	135+38.3	41.0' L	818.71
V	135+66.3	41.0' L	819.3
W	135+66.3	33.0' L	819.42
X	135+66.3	28.6' L	819.51
Y	135+66.3	26.0' L	819.13
Z	135+66.2	18.0' L	819.45
AA	135+38.3	33.0' L	818.83
BB	135+13.6	53.0' L	(818.25)



POINT	STATION	OFFSET	ELEVATION
A	140+81.6	30.0' R	808.44
B	140+81.6	32.6' R	808.82
C	140+81.6	36.6' R	808.55
D	140+81.6	41.6' R	808.48
E	140+91.3	41.6' R	807.67
F	141+01.7	41.6' R	807.51
G	141+05.1	41.8' R	807.48
H	141+19.9	40.4' R	807.03
I	141+79.0	18.0' R	805.83
J	141+79.0	26.0' R	805.51
K	141+79.0	28.6' R	805.89
L	141+79.0	32.6' R	805.81
M	141+79.0	37.6' R	805.73
N	141+49.8	32.6' R	805.88
O	141+47.9	30.7' R	805.94
P	141+46.7	31.9' R	805.95
Q	141+45.4	37.6' R	805.91
R	141+43.3	36.0' R	805.97
S	141+41.7	38.4' R	805.98
T	141+35.0	68.9' R	(806.09)
U	141+24.1	70.5' R	(806.21)
V	141+13.2	72.0' R	(806.17)
W	141+97.0	34.4' R	807.86
X	140+95.7	36.6' R	807.8
Y	140+91.3	36.6' R	807.73

* GRADE BREAK



HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPR-ADA-2.dgn
 PEN TABLE: /p/10tbl.tbl



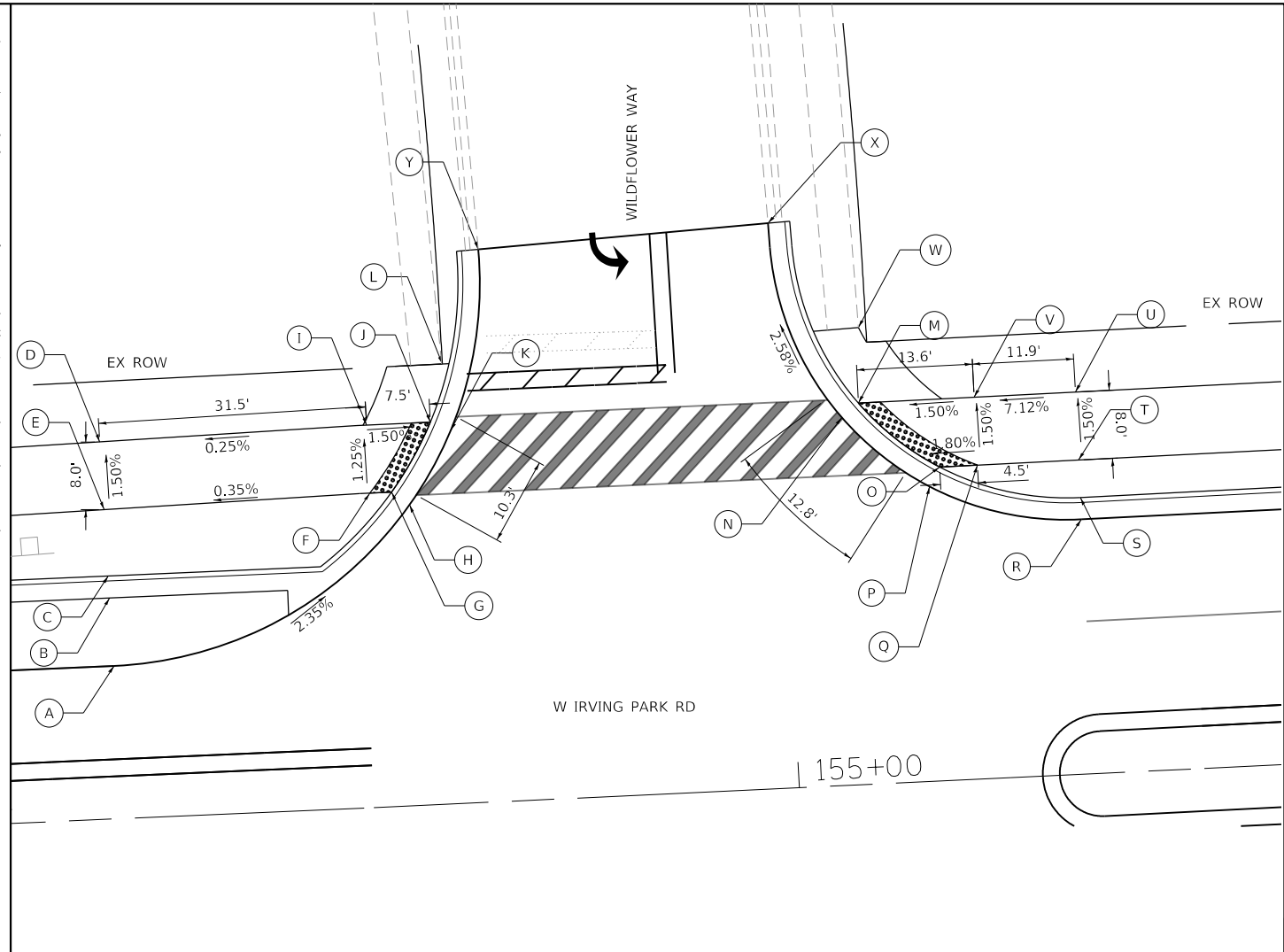
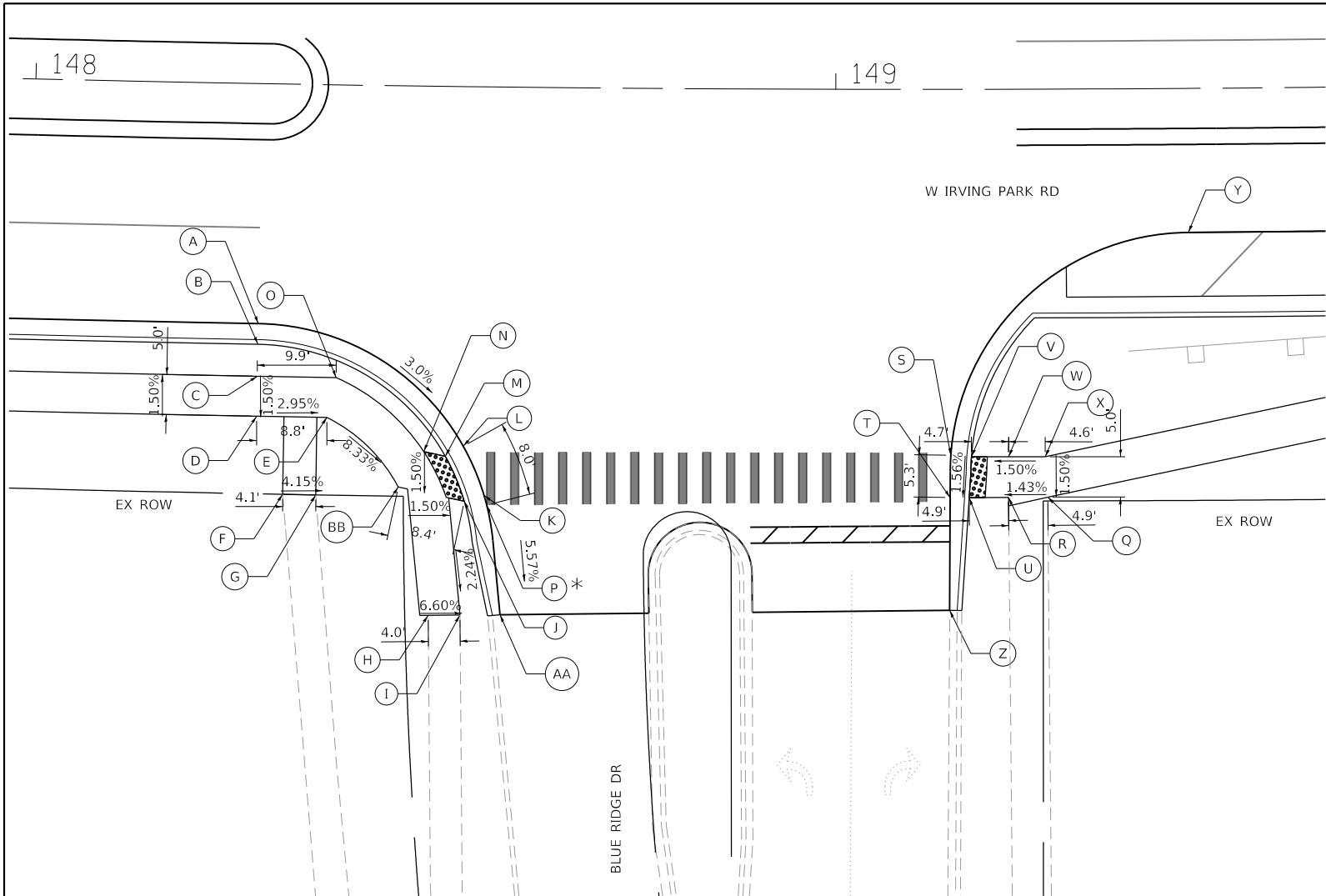
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	DRAWN - JG	REVISED -
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PLOT DATE = 11/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
IL RTE 19 (IRVING PARK RD)

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

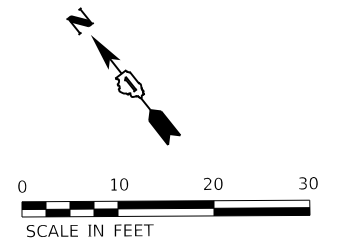
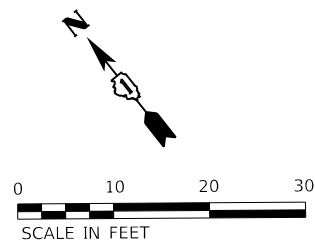
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	80
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				



* GRADE BREAK

POINT	STATION	OFFSET	ELEVATION
A	148+28.3	30.0' R	799.53
B	148+28.3	32.6' R	799.51
C	148+28.3	36.6' R	799.83
D	148+28.3	41.6' R	799.76
E	148+37.0	41.6' R	799.5
F	148+31.7	51.3' R	(800.45)
G	148+35.8	51.3' R	(800.28)
H	148+49.9	66.2' R	(798.36)
I	148+53.8	66.1' R	(798.03)
J	148+54.2	51.8' R	798.33
K	148+56.6	51.1' R	798.39
L	148+53.9	44.9' R	798.59
M	148+51.8	46.2' R	798.53
N	148+49.1	45.7' R	798.49
O	148+38.1	36.6' R	799.58
P	148+56.9	52.3' R	798.35
Q	149+26.3	51.0' R	798.48
R	149+21.5	51.0' R	(798.07)
S	149+14.3	45.7' R	797.81
T	149+14.2	51.0' R	797.73
U	149+16.6	51.0' R	(797.67)
V	149+16.9	45.9' R	797.87
W	149+21.5	45.9' R	798.14
X	149+26.0	45.9' R	798.48
Y	149+43.9	18.0' R	798.57
Z	149+14.2	65.1' R	(797.49)
AA	148+58.8	65.9' R	(797.58)
BB	148+46.0	50.2' R	798.45

POINT	STATION	OFFSET	ELEVATION
A	154+20.1	18.0' L	819.56
B	154+19.9	26.0' L	819.67
C	154+19.9	28.6' L	819.49
D	154+19.5	44.4' L	819.49
E	154+19.7	36.4' L	819.83
F	154+51.2	37.0' L	819.93
G	154+53.7	37.0' L	819.85
H	154+55.8	35.4' L	819.72
I	154+51.2	45.0' L	817.97
J	154+58.7	45.0' L	818.18
K	154+61.0	43.9' L	818.24
L	154+60.4	51.8' L	818.13
M	155+09.1	44.9' L	818.19
N	155+07.1	43.3' L	818.18
O	155+18.3	36.9' L	818.49
P	155+34.6	30.0' L	818.46
Q	155+22.7	36.9' L	818.52
R	155+34.6	30.0' L	818.7
S	155+34.6	32.6' L	818.72
T	155+34.6	37.0' L	818.12
U	155+34.6	45.0' L	818.71
V	155+22.7	44.9' L	819.3
W	155+09.5	53.7' L	819.42
X	154+99.4	66.5' L	(819.51)
Y	154+65.3	65.0' L	(819.13)



HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
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 PEN TABLE: 1/15/2023



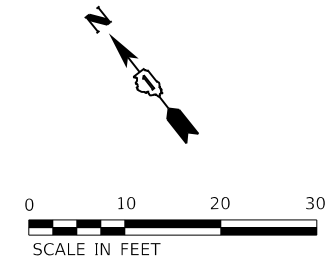
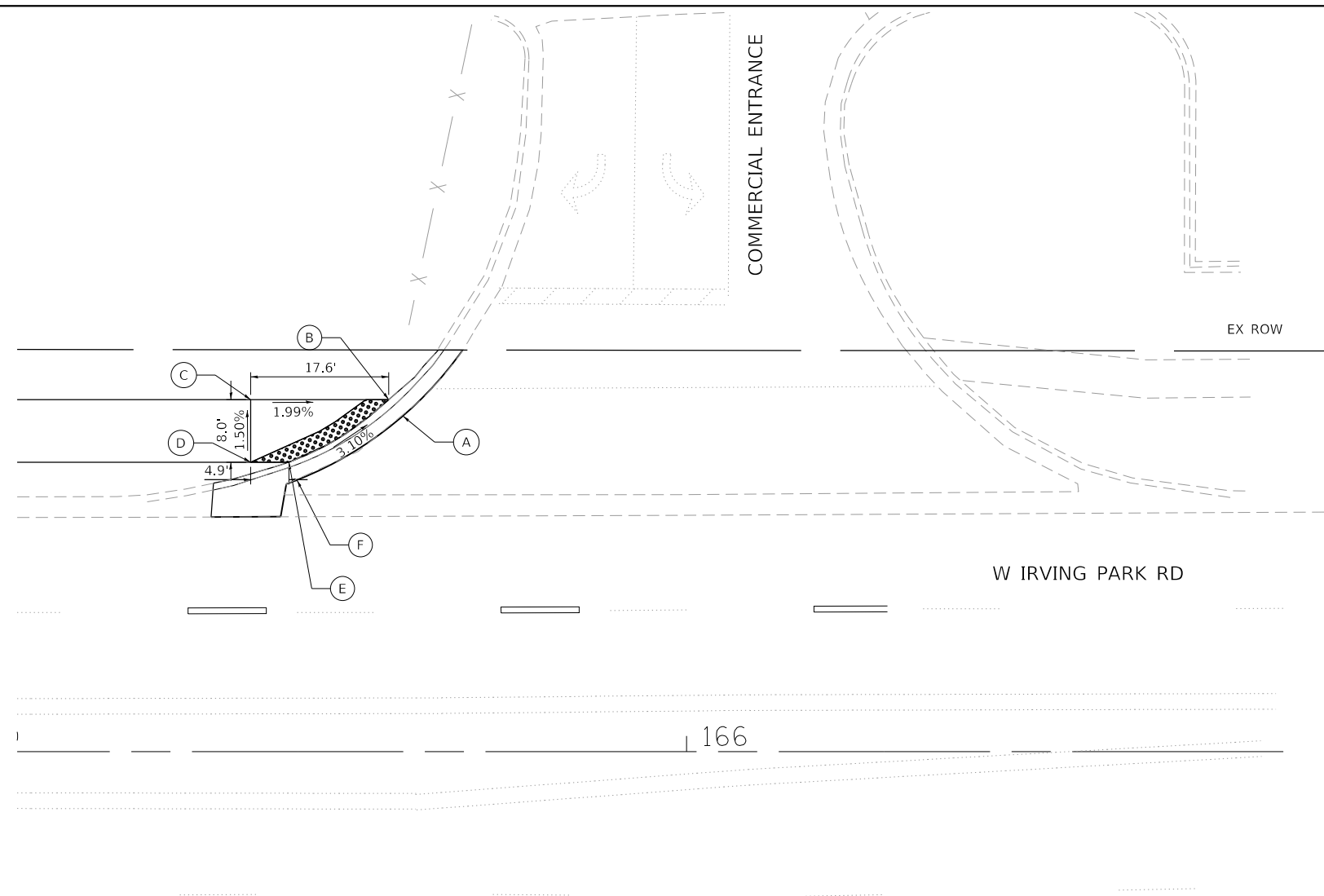
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PLOT DATE = 11/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
IL RTE 19 (IRVING PARK RD)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	81
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				



POINT	STATION	OFFSET	ELEVATION
A	165+63.7	42.9' L	786.26
B	165+61.9	45.0' L	786.2
C	165+44.3	45.0' L	786.55
D	165+44.3	37.0' L	786.67
E	165.49.2	41.6' L	786.67
F	165+50.2	34.7' L	786.73

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-ADA-4.dgn
 PEN TABLE: penTable.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	DRAWN - JG	REVISED -
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PLOT DATE = 11/15/2023	DATE -	REVISED -

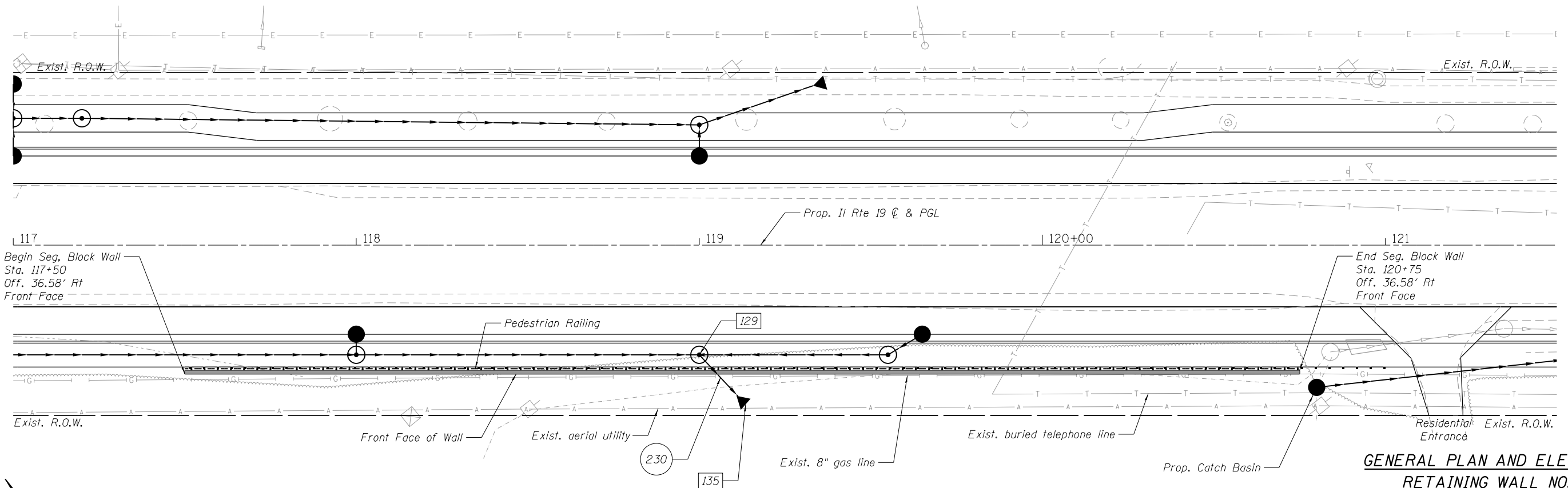
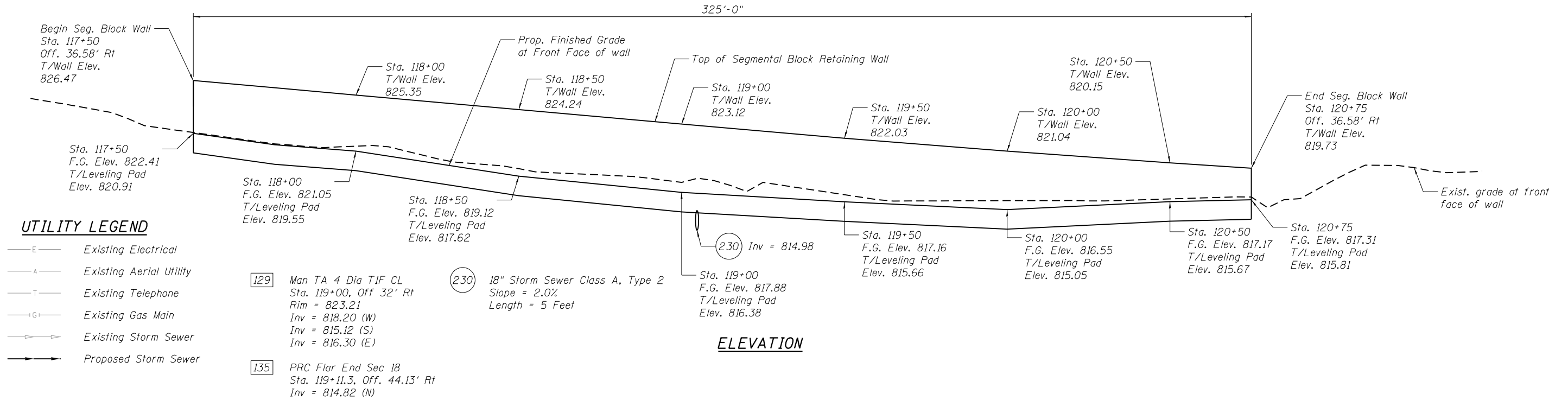
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
IL RTE 19 (IRVING PARK RD)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	82
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

Benchmark:
Cut square in southmost corner of concrete base for
traffic controller located at the northwest corner of
Schamburg Road and IL Rte 19 (Irving Park Road).
Elevation = 833.68 NAVD88



Note:
Wall Sta. and Offset provided are to Front Face
at bottom of wall assuming theoretical 12" thick wall.

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Pedestrian Railing	Foot	325
Segmental Concrete Block Wall	SF	1932
Pipe Underdrain for Structures, 4"	Foot	335

**GENERAL PLAN AND ELEVATION
RETAINING WALL NO. 1
IRVING PARK ROAD
F.A.U. 1321 (IL RTE 19)
COOK COUNTY
STATION 117+50 TO 120+75**

HRG PROJECT NO.: 202045
HRG PROJ. CONTACT:
FILE NAME: 202045-Str. Wall/Log
PLOT DRIVER: IL_Pdf.dwg/PltCg
PEN TABLE: PltTable.tbl



USER NAME = jhorwit
DESIGNED -
CHECKED - WJH
DRAWN - SLS
PLOT SCALE =
PLOT DATE = 11/15/2023

DESIGNED -
CHECKED - WJH
DRAWN - SLS
CHECKED -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

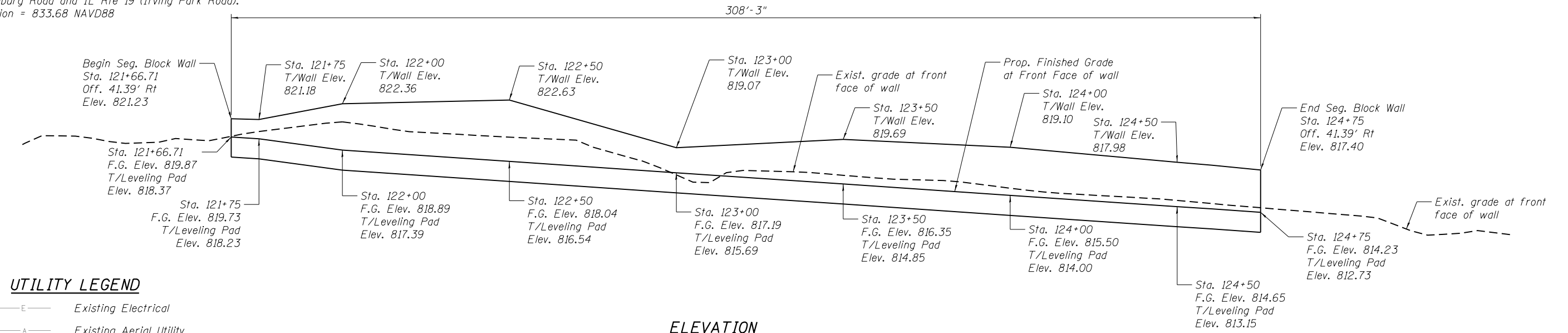
SHEET NO. 1 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	83

CONTRACT NO. 61K06

ILLINOIS FED. AID PROJECT

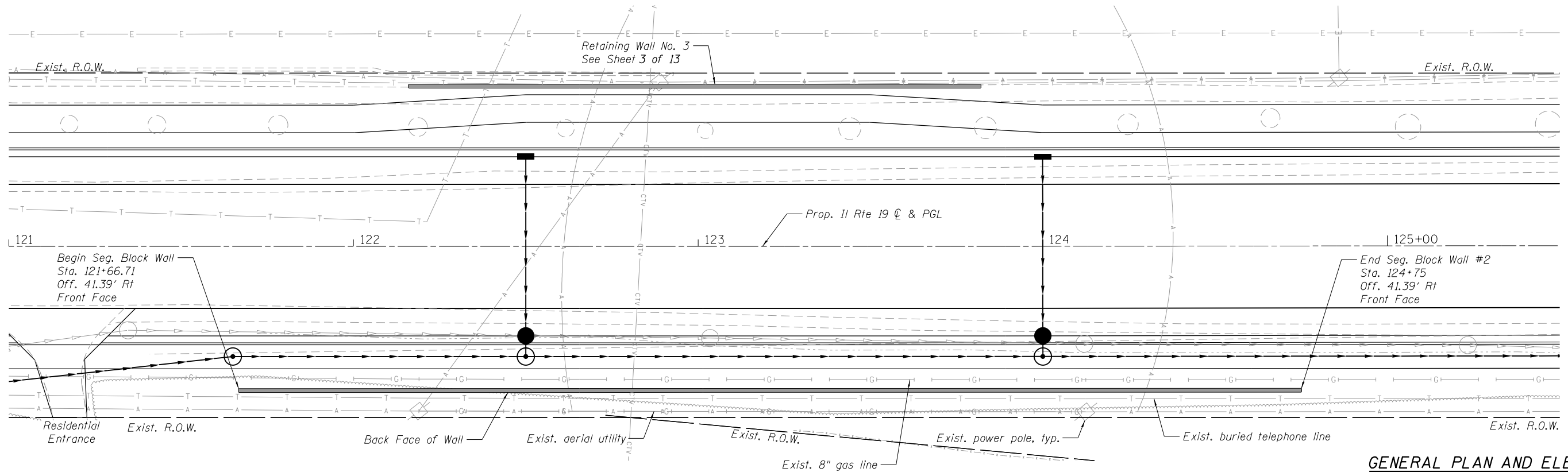
Benchmark:
Cut square in southmost corner of concrete base for traffic controller located at the northwest corner of Schamburg Road and IL Rte 19 (Irving Park Road).
Elevation = 833.68 NAVD88



UTILITY LEGEND

- E— Existing Electrical
- A— Existing Aerial Utility
- T— Existing Telephone
- G— Existing Gas Main
- >— Existing Storm Sewer
- >— Proposed Storm Sewer

ELEVATION



PLAN

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Segmental Concrete Block Wall	SF	1458
Pipe Underdrain for Structures, 4"	Foot	318

**GENERAL PLAN AND ELEVATION
RETAINING WALL NO. 2
IRVING PARK ROAD
F.A.U. 1321 (IL RTE 19)
COOK COUNTY
STATION 121+66.71 TO 124+75**

Note:
Wall Sta. and Offset provided are to Back Face at bottom of wall assuming theoretical 12" thick wall.

HRC PROJECT NO.: 202045
 HRC PROJ. CONTACT:
 FILE NAME: 202045-Str_Wall02.dgn
 PLOT DRIVER: IL_Pdf.dwg, P1c1fg
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 PLOT SCALE =
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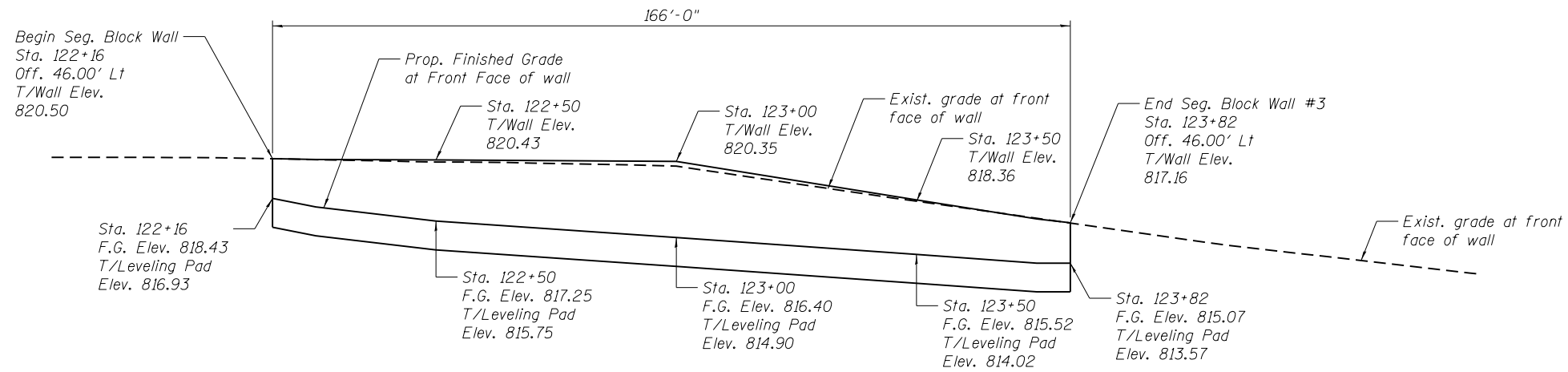
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHEET NO. 2 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	84
CONTRACT NO. 61K06				

ILLINOIS FED. AID PROJECT

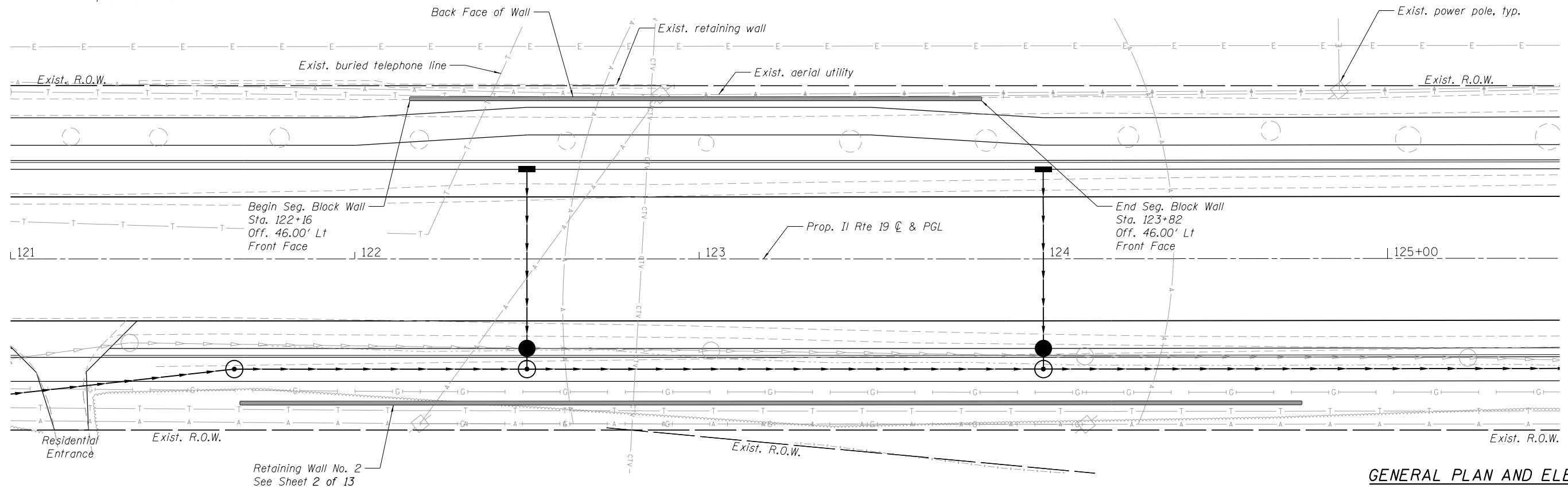
Benchmark:
 Cut square in southmost corner of concrete base for
 traffic controller located at the northwest corner of
 Schamburg Road and IL Rte 19 (Irving Park Road).
 Elevation = 833.68 NAVD88



UTILITY LEGEND

- E— Existing Electrical
- A— Existing Aerial Utility
- T— Existing Telephone
- G— Existing Gas Main
- S— Existing Storm Sewer
- P— Proposed Storm Sewer

ELEVATION



PLAN

Note:
 Wall Sta. and Offset provided are to Front Face
 at bottom of wall assuming theoretical 12" thick wall.

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Segmental Concrete Block Wall	SF	766
Pipe Underdrain for Structures, 4"	Foot	176

**GENERAL PLAN AND ELEVATION
 RETAINING WALL NO. 3
 IRVING PARK ROAD
 F.A.U. 1321 (IL RTE 19)
 COOK COUNTY
 STATION 122+16 TO 123+82**

HRC PROJECT NO.: 202045
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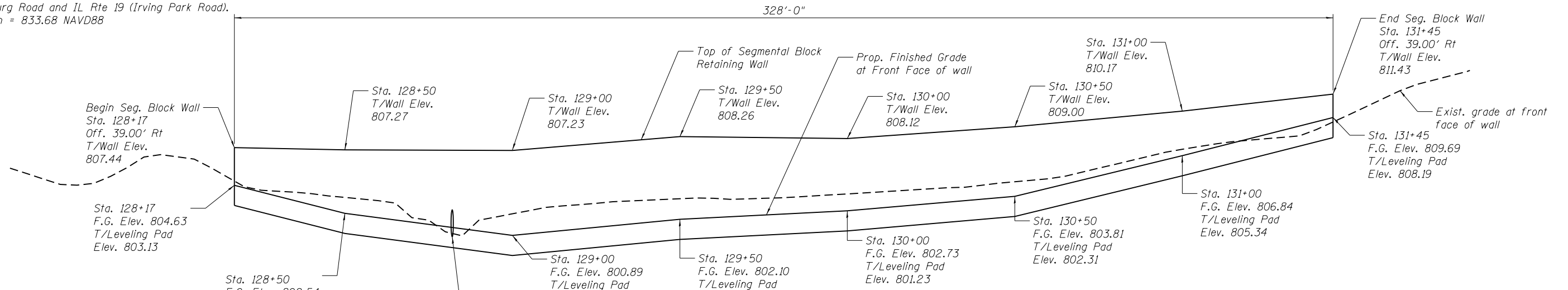
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHEET NO. 3 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	85
CONTRACT NO. 61K06				

ILLINOIS FED. AID PROJECT

Benchmark:
Cut square in southmost corner of concrete base for traffic controller located at the northwest corner of Schamburg Road and IL Rte 19 (Irving Park Road).
Elevation = 833.68 NAVD88

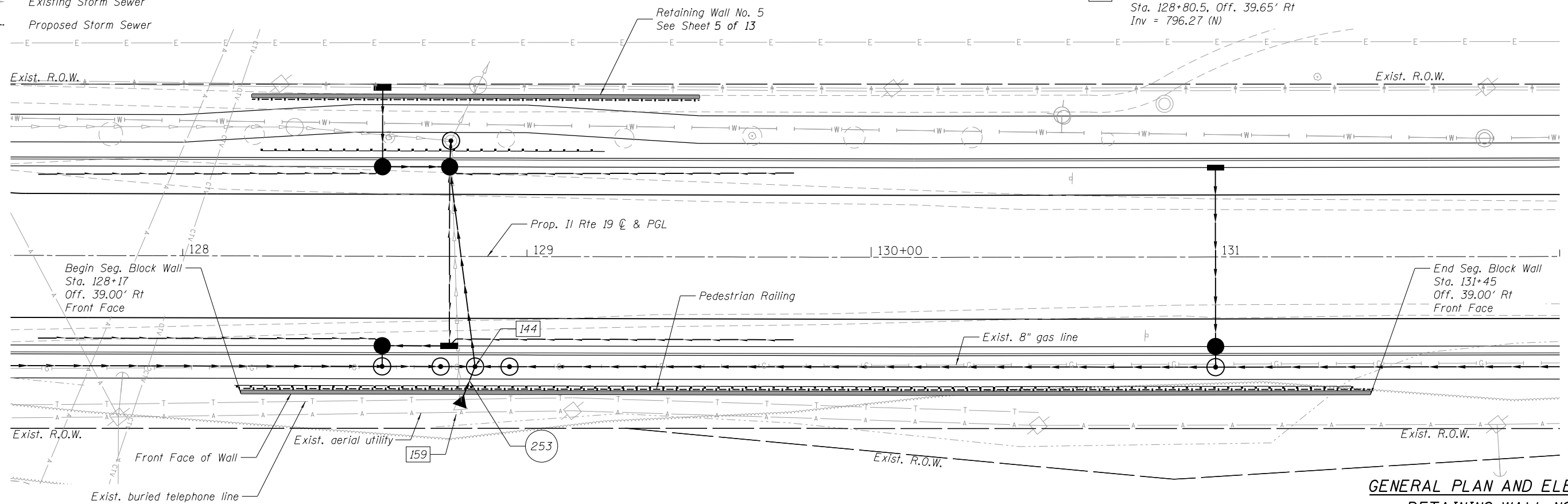


UTILITY LEGEND

- E— Existing Electrical
- A— Existing Aerial Utility
- T— Existing Telephone
- G— Existing Gas Main
- S— Existing Storm Sewer
- Proposed Storm Sewer

ELEVATION

- 144 Man TA 7 Dia TIF CL
Sta. 128+85, Off. 32' Rt
Rim = 807.42
Inv = 798.38 (N)
Inv = 800.65 (W)
Inv = 799.26 (S)
Inv = 799.44 (E)
- 159 CB TC T8G
Sta. 128+80.5, Off. 39.65' Rt
Inv = 796.27 (N)
- 253 24" Storm Sewer Class A, Type 2
Slope = 1.8%
Length = 5 Feet



PLAN

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Pedestrian Railing	Foot	328
Segmental Concrete Block Wall	SF	2086
Pipe Underdrain for Structures, 4"	Foot	338

**GENERAL PLAN AND ELEVATION
RETAINING WALL NO. 4
IRVING PARK ROAD
F.A.U. 1321 (IL RTE 19)
COOK COUNTY
STATION 128+17 TO 131+45**

Note:
Wall Sta. and Offset provided are to Front Face at bottom of wall assuming theoretical 12" thick wall.

HRG PROJECT NO.: 202045
HRG PROJ. CONTACT:
FILE NAME: 202045-Str_Wall04.dgn
PLOT DRIVER: IL_Pdf.dwg, Pctfg
PEN TABLE: PlotLabel.tbl



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REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHEET NO. 4 OF 14 SHEETS

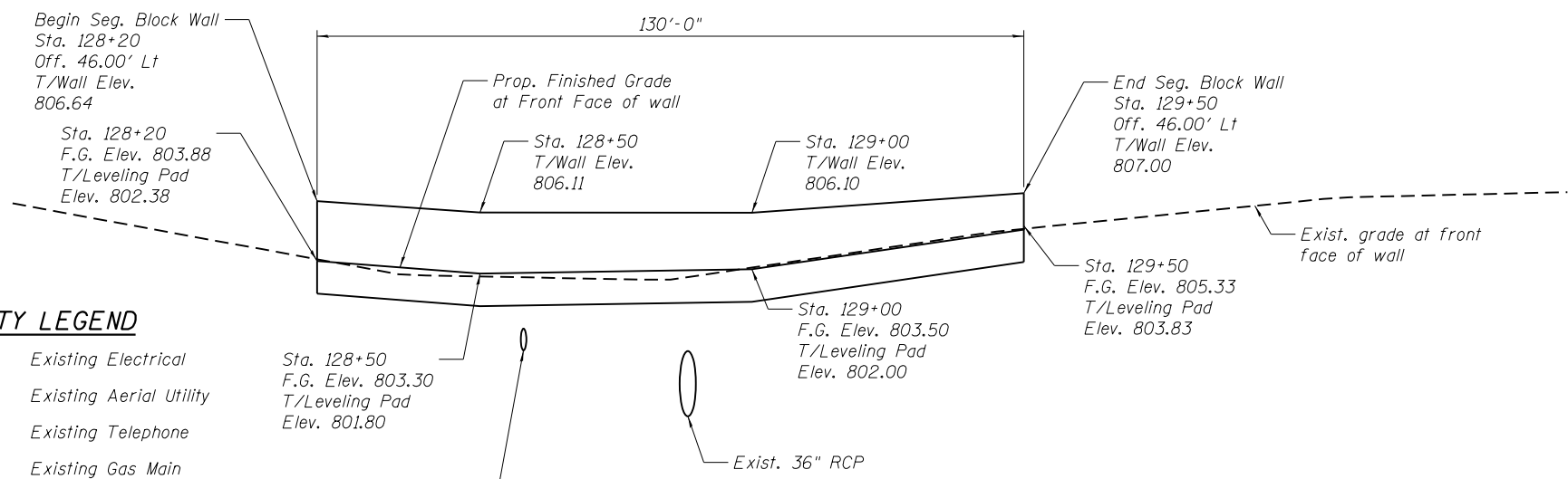
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	86

CONTRACT NO. 61K06

ILLINOIS FED. AID PROJECT

Benchmark:

Cut square in southmost corner of concrete base for traffic controller located at the northwest corner of Schamburg Road and IL Rte 19 (Irving Park Road).
Elevation = 833.68 NAVD88

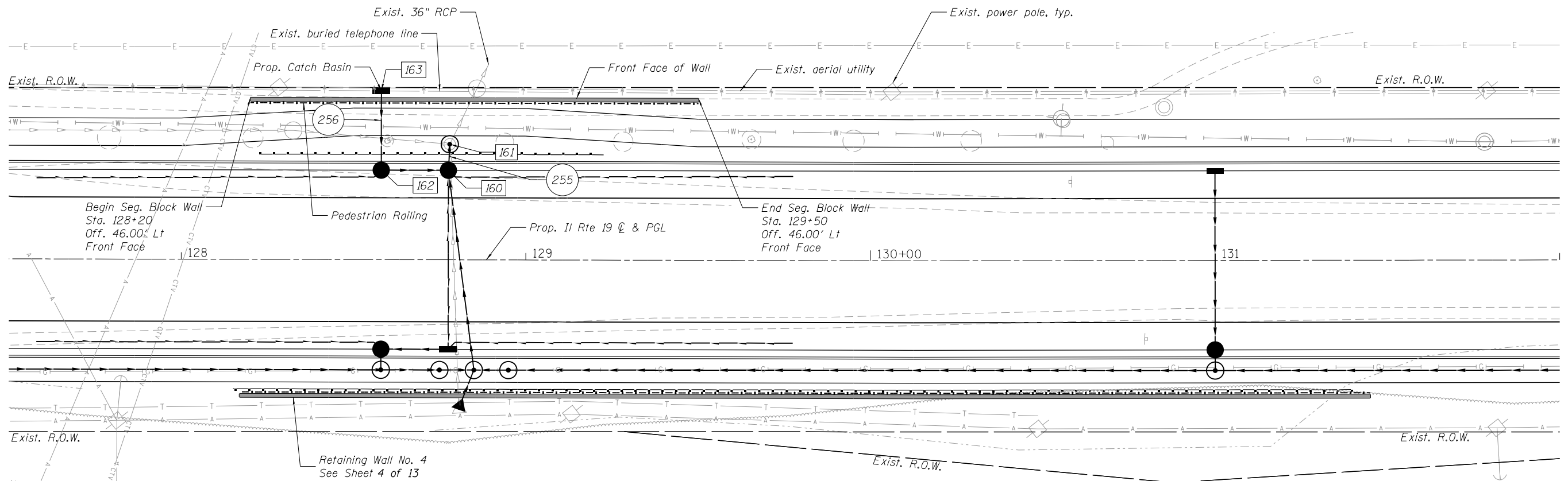


- [160] CB TA 4 Dia T24F&G
Sta. 128+77.5, Off 26' Lt
Rim = 807.09
Inv = 798.28 (N)
Inv = 799.71 (W)
Inv = 798.28 (S)
Inv = 799.44 (E)
- [161] Man TA 6 Dia T1F CL
Sta. 128+77.9, Off. 33.57' Lt
Rim = 806.12
Inv = 798.27 (N) (Error in measure downs)
Inv = 798.69 (W) Error in measure downs)
Inv = 798.28 (S) Error in measure downs)
- [162] CB TA 4 Dia T24F&G
Sta. 128+58, Off 26' Lt
Rim = 807.11
Inv = 799.77 (N)
Inv = 799.77 (E)
- [163] CB TC T8G
Sta. 128+58, Off 49' Lt
Rim = 803.37
Inv = 799.87 (S)
- (255) 24" Storm Sewer Water Main Requirements
Slope = 1.8%
Length = 3 Feet
- (256) 12" Storm Sewer Water Main Requirements
Slope = 2.0%
Length = 20 Feet

UTILITY LEGEND

- E— Existing Electrical
- A— Existing Aerial Utility
- T— Existing Telephone
- G— Existing Gas Main
- >— Existing Storm Sewer
- >— Proposed Storm Sewer

ELEVATION



PLAN

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Pedestrian Railing	Foot	130
Segmental Concrete Block Wall	SF	521
Pipe Underdrain for Structures, 4"	Foot	140

**GENERAL PLAN AND ELEVATION
RETAINING WALL NO. 5
IRVING PARK ROAD
F.A.U. 1321 (IL RTE 19)
COOK COUNTY
STATION 128+20 TO 129+50**

Note:
Wall Sta. and Offset provided are to FrontFace
at bottom of wall assuming theoretical 12" thick wall.

HRG PROJECT NO.: 202405
HRG PROJ. CONTACT:
FILE NAME: 202405-Str. Wall05.dgn
PLOT DRIVER: IL_Pdf.dwgPltcrfg
PEN TABLE: PlotTable.tbl



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DRAWN - SLS	REVISED -
CHECKED -	REVISED -

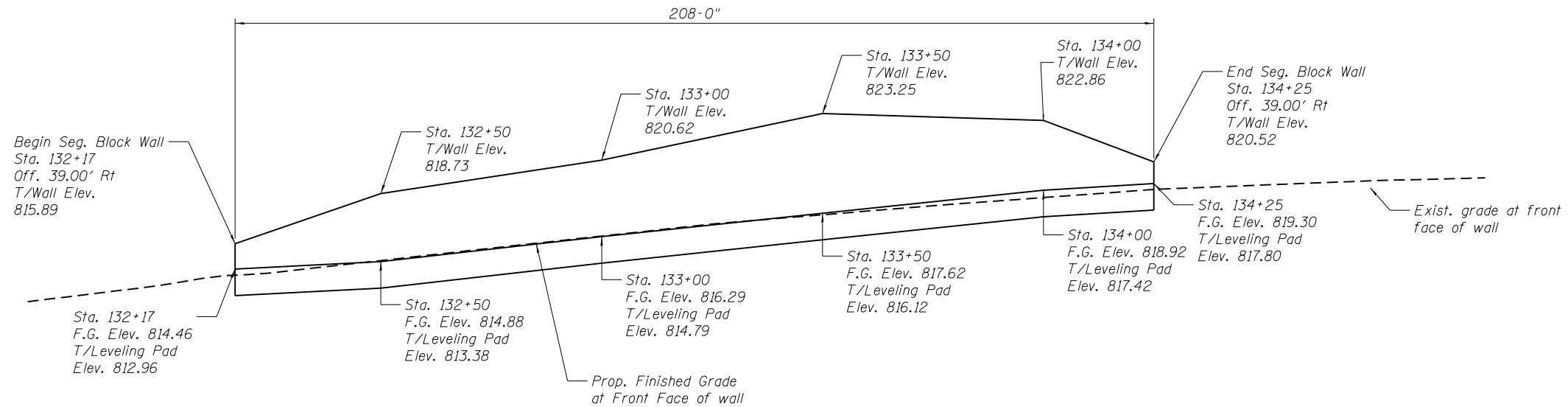
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHEET NO. 5 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	87
CONTRACT NO. 61K06				

ILLINOIS FED. AID PROJECT

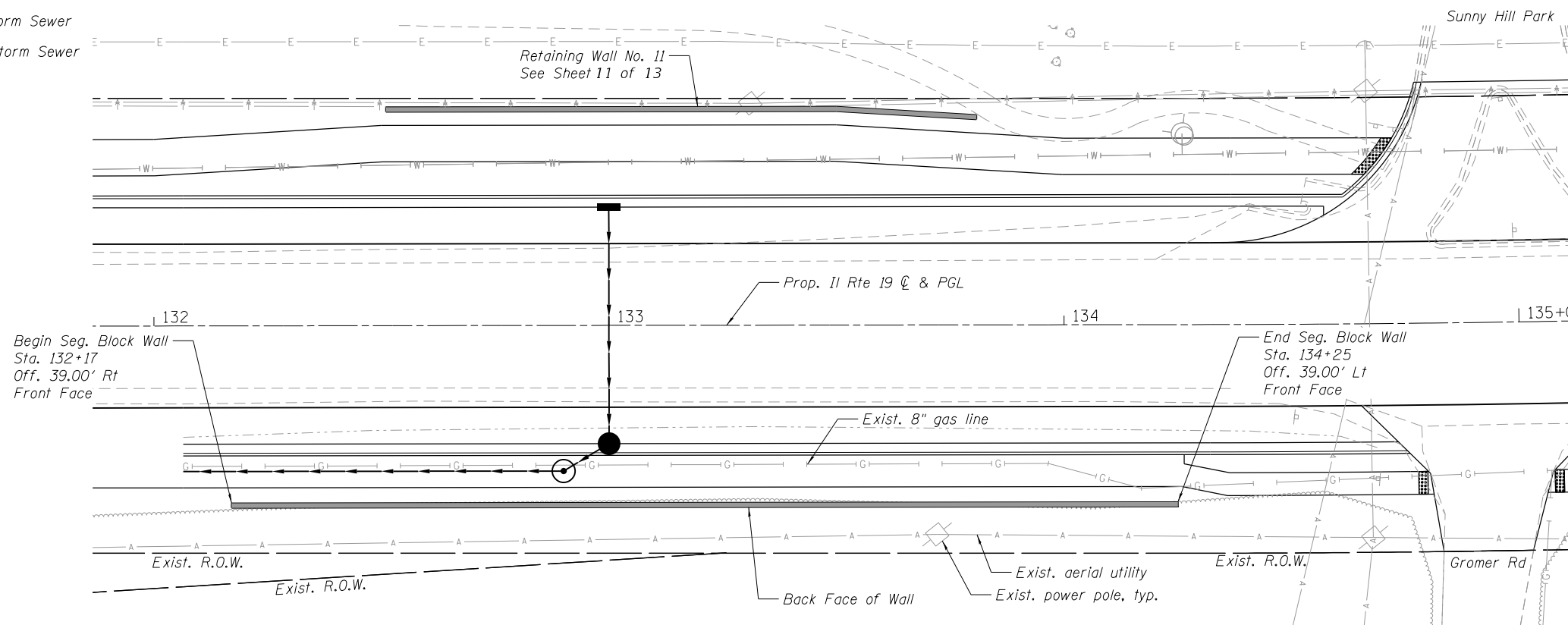
Benchmark:
 Village of Streamwood Monument #5, aluminum
 disk in concrete behind the curb at the southeast
 end of Grey Fox Court.
 Elevation = 799.92 NAVD88



ELEVATION

UTILITY LEGEND

- E— Existing Electrical
- A— Existing Aerial Utility
- T— Existing Telephone
- G— Existing Gas Main
- S— Existing Storm Sewer
- P— Proposed Storm Sewer



PLAN

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Segmental Concrete Block Wall	SF	1157
Pipe Underdrain for Structures, 4"	Foot	218

Note:
 Wall Sta. and Offset provided are to Front Face
 at bottom of wall assuming theoretical 12" thick wall.

**GENERAL PLAN AND ELEVATION
 RETAINING WALL NO. 6
 IRVING PARK ROAD
 F.A.U. 1321 (IL RTE 19)
 COOK COUNTY
 STATION 132+17 TO 134+25**

HRG PROJECT NO.: 202045
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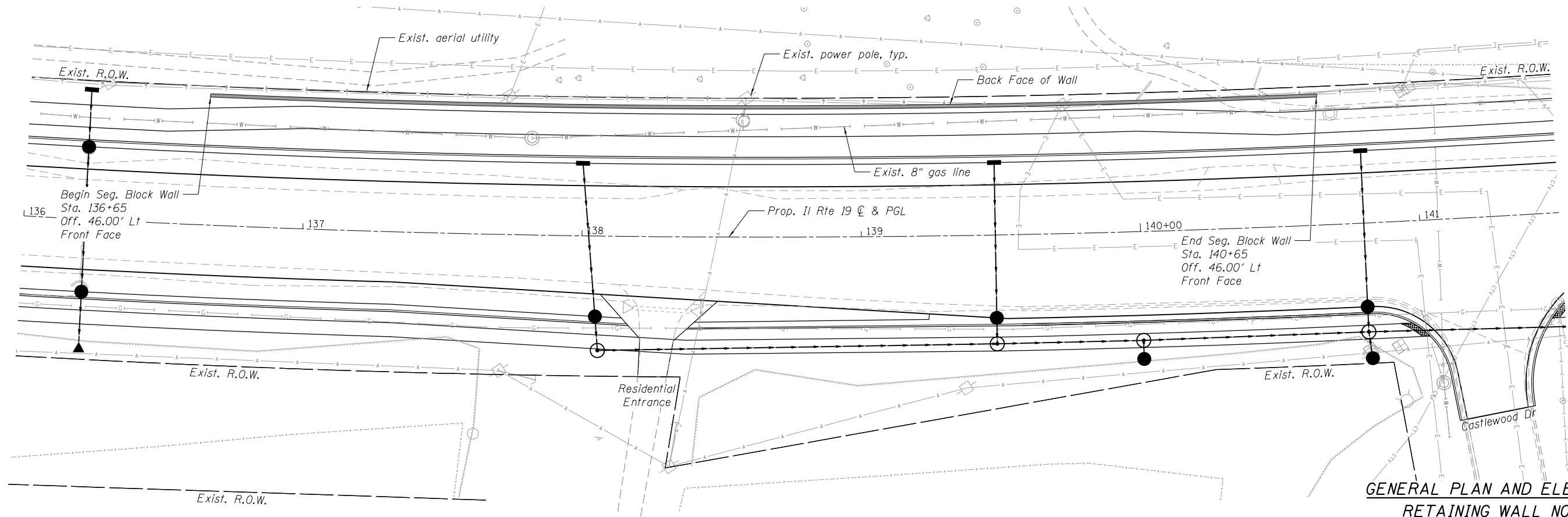
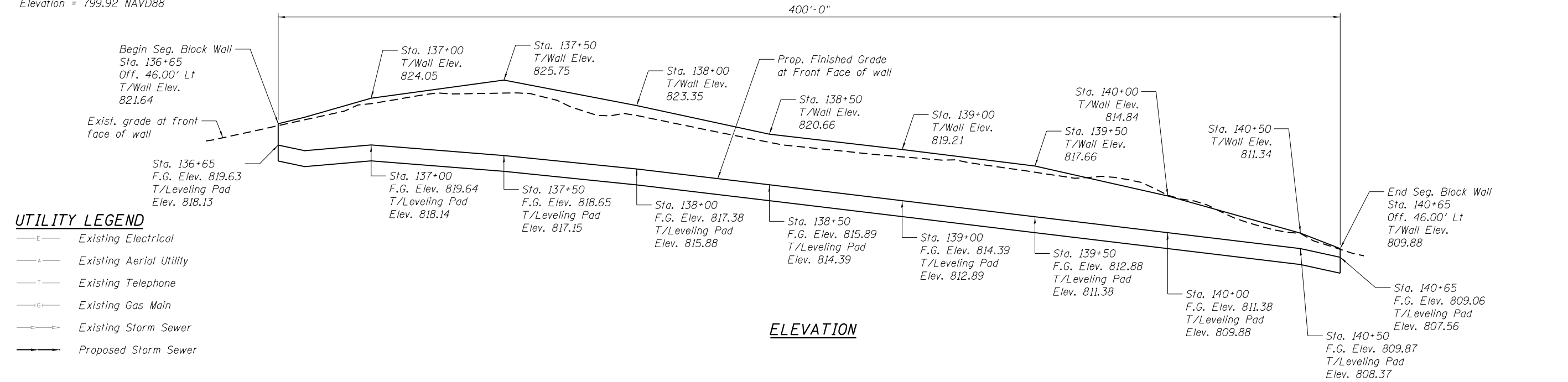
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHEET NO. 6 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	88
CONTRACT NO. 61K06				

ILLINOIS FED. AID PROJECT

Benchmark:
 Village of Streamwood Monument #5, aluminum
 disk in concrete behind the curb at the southeast
 end of Grey Fox Court.
 Elevation = 799.92 NAVD88



PLAN

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Segmental Concrete Block Wall	SF	2422
Pipe Underdrain for Structures, 4"	Foot	410

**GENERAL PLAN AND ELEVATION
 RETAINING WALL NO. 7
 IRVING PARK ROAD
 F.A.U. 1321 (IL RTE 19)
 COOK COUNTY
 STATION 136+65 TO 140+65**

Note:
 Wall Sta. and Offset provided are to Front Face
 at bottom of wall assuming theoretical 12" thick wall.

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USER NAME = jhorwit	DESIGNED -	REVISED -
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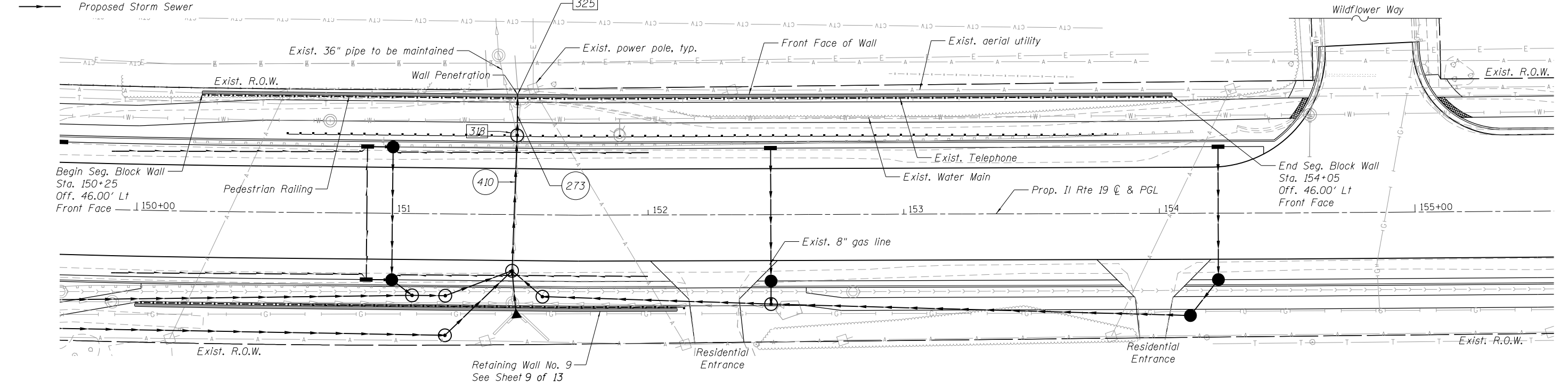
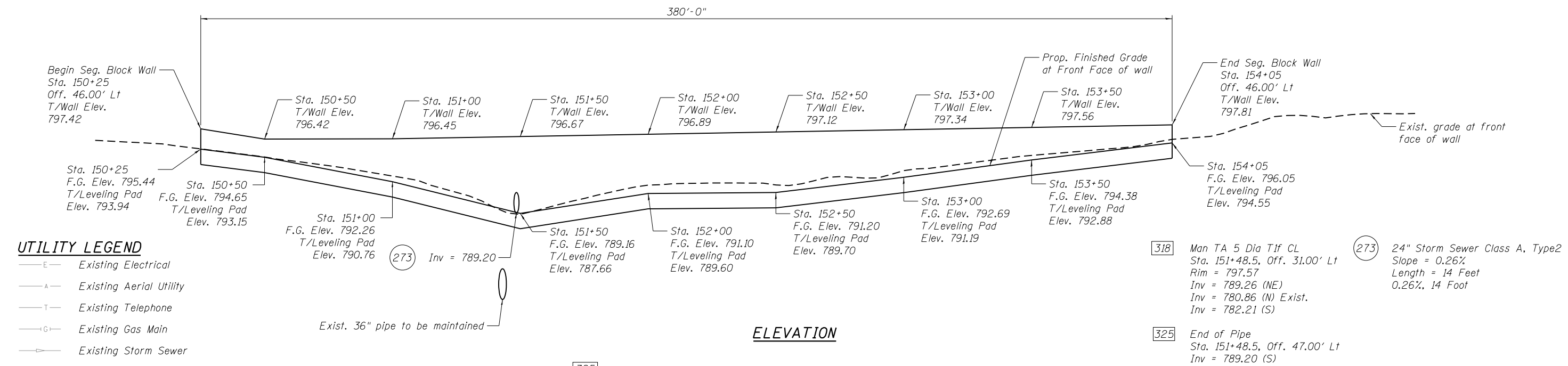
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SHEET NO. 7 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	89
CONTRACT NO. 61K06				

ILLINOIS FED. AID PROJECT

Benchmark:
 Village of Streamwood Monument #5, aluminum
 disk in concrete behind the curb at the southeast
 end of Grey Fox Court.
 Elevation = 799.92 NAVD88



ELEVATION

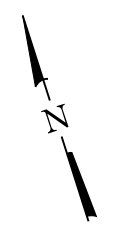
PLAN

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Pedestrian Railing	Foot	380
Segmental Concrete Block Wall	SF	2281
Pipe Underdrain for Structures, 4"	Foot	390

**GENERAL PLAN AND ELEVATION
 RETAINING WALL NO. 8
 IRVING PARK ROAD
 F.A.U. 1321 (IL RTE 19)
 COOK COUNTY
 STATION 150+25 TO 154+05**

Note:
 Wall Sta. and Offset provided are to Front Face
 at bottom of wall assuming theoretical 12" thick wall.



HRG PROJECT NO.: 202045
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHEET NO. 8 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	90
CONTRACT NO. 61K06				

ILLINOIS FED. AID PROJECT

Benchmark:
 Village of Streamwood Monument #5, aluminum
 disk in concrete behind the curb at the southeast
 end of Grey Fox Court.
 Elevation = 799.92 NAVD88

185 Man TA 6 Dia TIF CL
 Sta. 151+47.0, Off. 32' Rt
 Rim = 798.01
 Inv = 783.31 (N)
 Inv = 789.20 (W)
 Inv = 789.20 (S)
 Inv = 783.54 (SW)
 Inv = 786.83 (E)

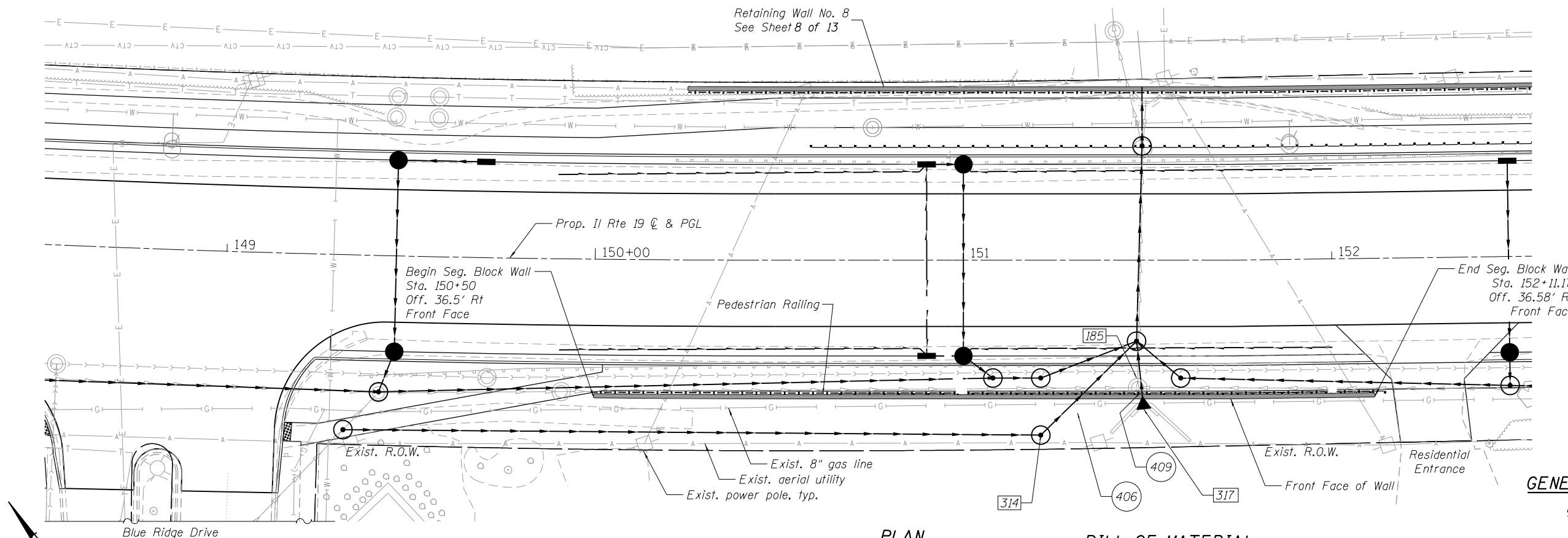
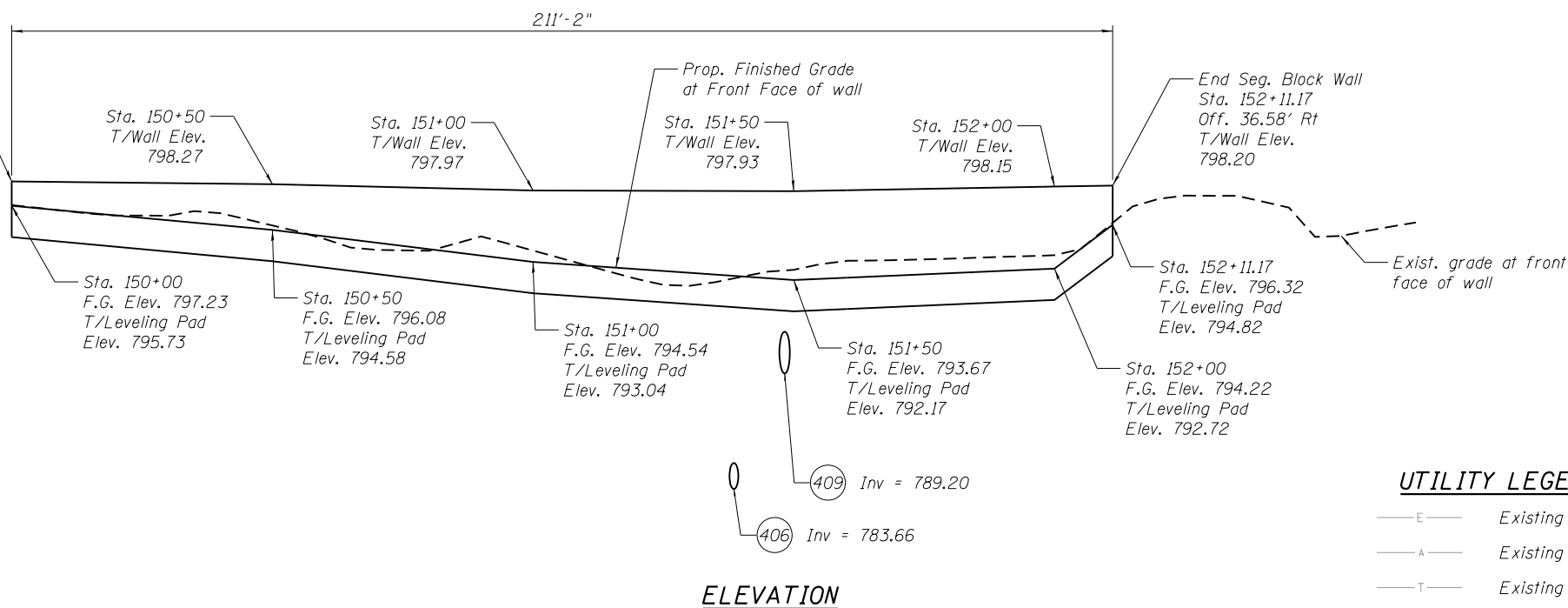
186 Man TA 8 Dia TIF CL R-P
 Sta. 151+59.0, Off. 32' Rt
 Rim = 798.06
 Inv = 786.85 (W)
 Inv = 786.85 (E)

314 Man TA 6 Dia TIF CL
 Sta. 151+21.0, Off. 47.50' Rt
 Rim = 791.69
 Inv = 783.67 (NE)
 Inv = 783.67 (W)

317 PRC Flar End Sec 24
 Sta. 151+48.3, Off. 40.72' Rt
 Inv = 789.23 (N)

406 15" Storm Sewer Class A, Type 3
 Slope = 0.52%
 Length = 25 Feet

409 24" Storm Sewer Class A, Type 2
 Slope = 1.75%
 Length = 4 Feet



Note:
 Wall Sta. and Offset provided are to Front Face
 at bottom of wall assuming theoretical 12" thick wall.

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Pedestrian Railing	Foot	211
Segmental Concrete Block Wall	SF	971
Pipe Underdrain for Structures, 4"	Foot	221

**GENERAL PLAN AND ELEVATION
 RETAINING WALL NO. 9
 IRVING PARK ROAD
 F.A.U. 1321 (IL RTE 19)
 COOK COUNTY
 STATION 150+00 TO 152+11.17**

HRG PROJECT NO.: 202045
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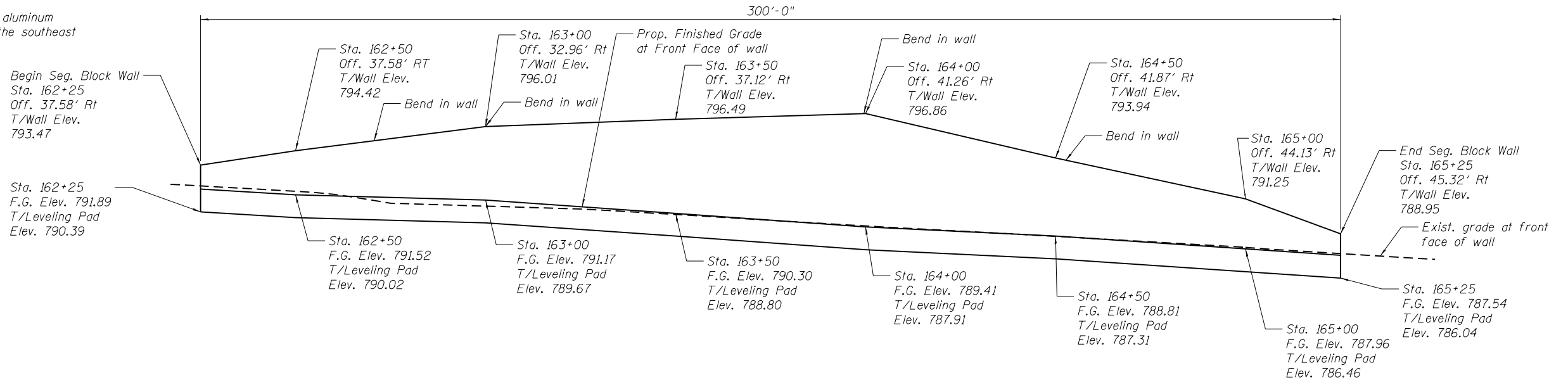
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHEET NO. 9 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	91
CONTRACT NO. 61K06				

ILLINOIS FED. AID PROJECT

Benchmark:
 Village of Streamwood Monument #5, aluminum
 disk in concrete behind the curb at the southeast
 end of Grey Fox Court.
 Elevation = 799.92 NAVD88



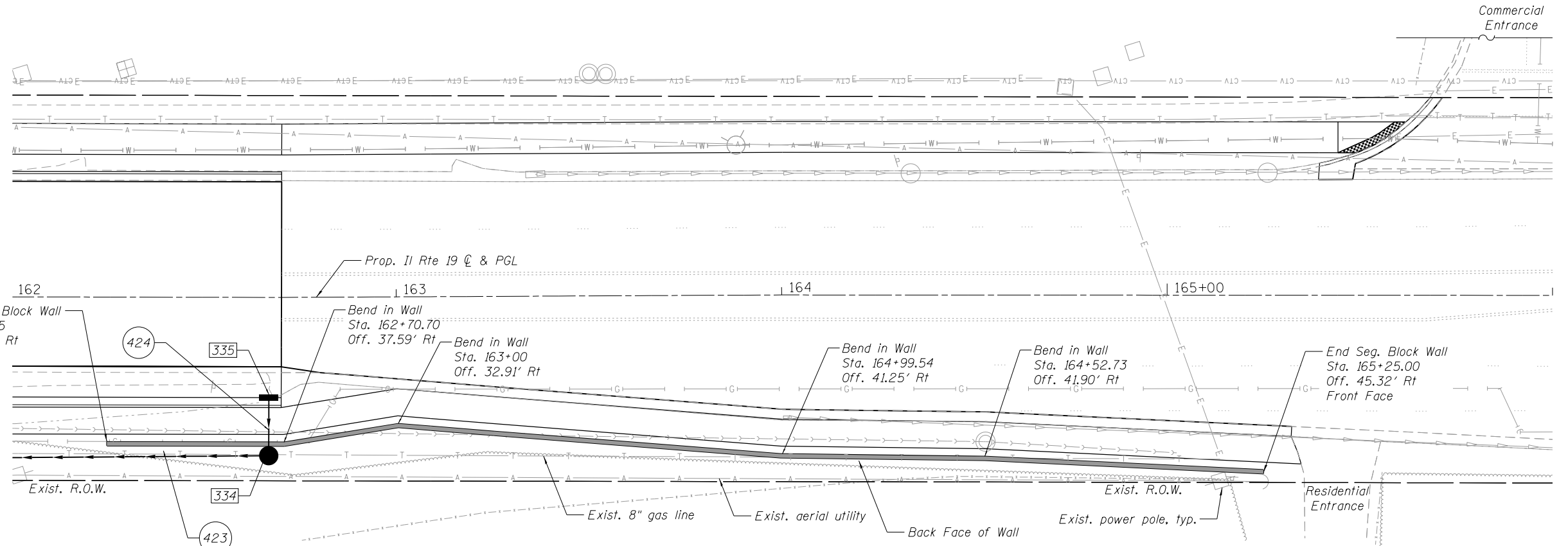
ELEVATION

334 CB TA 4 Dia TIF CL
 Sta. 162+67.0 Off 39' Rt
 Rim = 798.64
 Inv = 785.56 (N)
 Inv = 785.56 (W)

335 Inlets TA T24F&G
 Sta. 162+67.0, Off. 26' Rt
 Rim = 790.69
 Inv = 785.76 (S)

423 12" Storm Sewer Class A, Type 2
 Slope = 0.52%
 Length = 90 Feet

424 12" Storm Sewer Class A, Type 2
 Slope = 2.00%
 Length = 10 Feet



PLAN

UTILITY LEGEND

- Existing Electrical
- Existing Aerial Utility
- Existing Telephone
- Existing Gas Main
- Existing Storm Sewer
- Proposed Storm Sewer

Note:
 Wall Sta. and Offset provided are to Front Face
 at bottom of wall assuming theoretical 12" thick wall.

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Segmental Concrete Block Wall	SF	1900
Pipe Underdrain for Structures, 4"	Foot	310

**GENERAL PLAN AND ELEVATION
 RETAINING WALL NO. 10
 IRVING PARK ROAD
 F.A.U. 1321 (IL RTE 19)
 COOK COUNTY
 STATION 162+25 TO 165+25**

HRC PROJECT NO.: 202045
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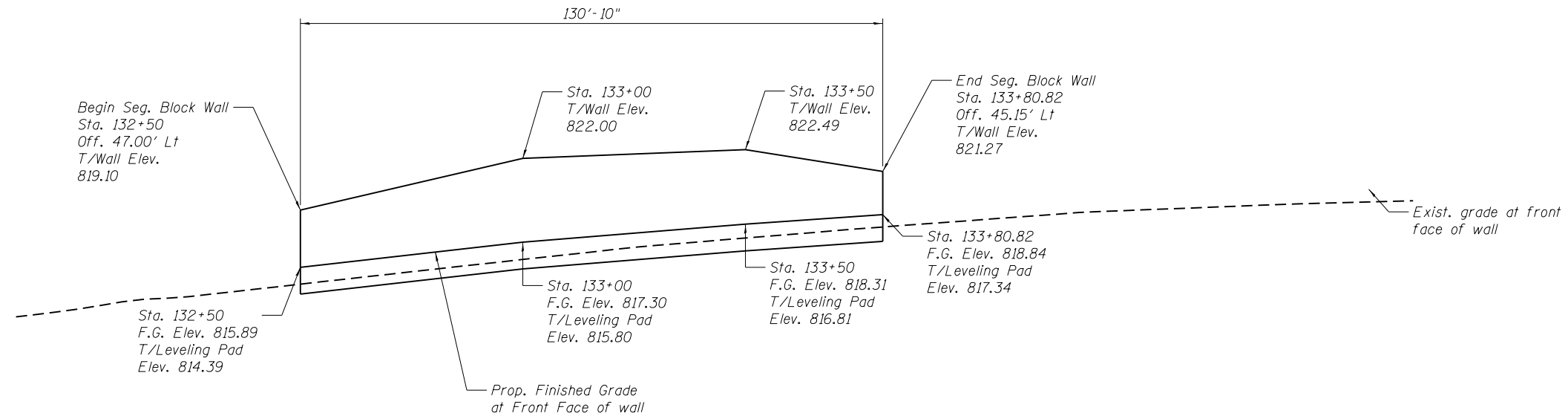
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHEET NO. 10 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	92
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

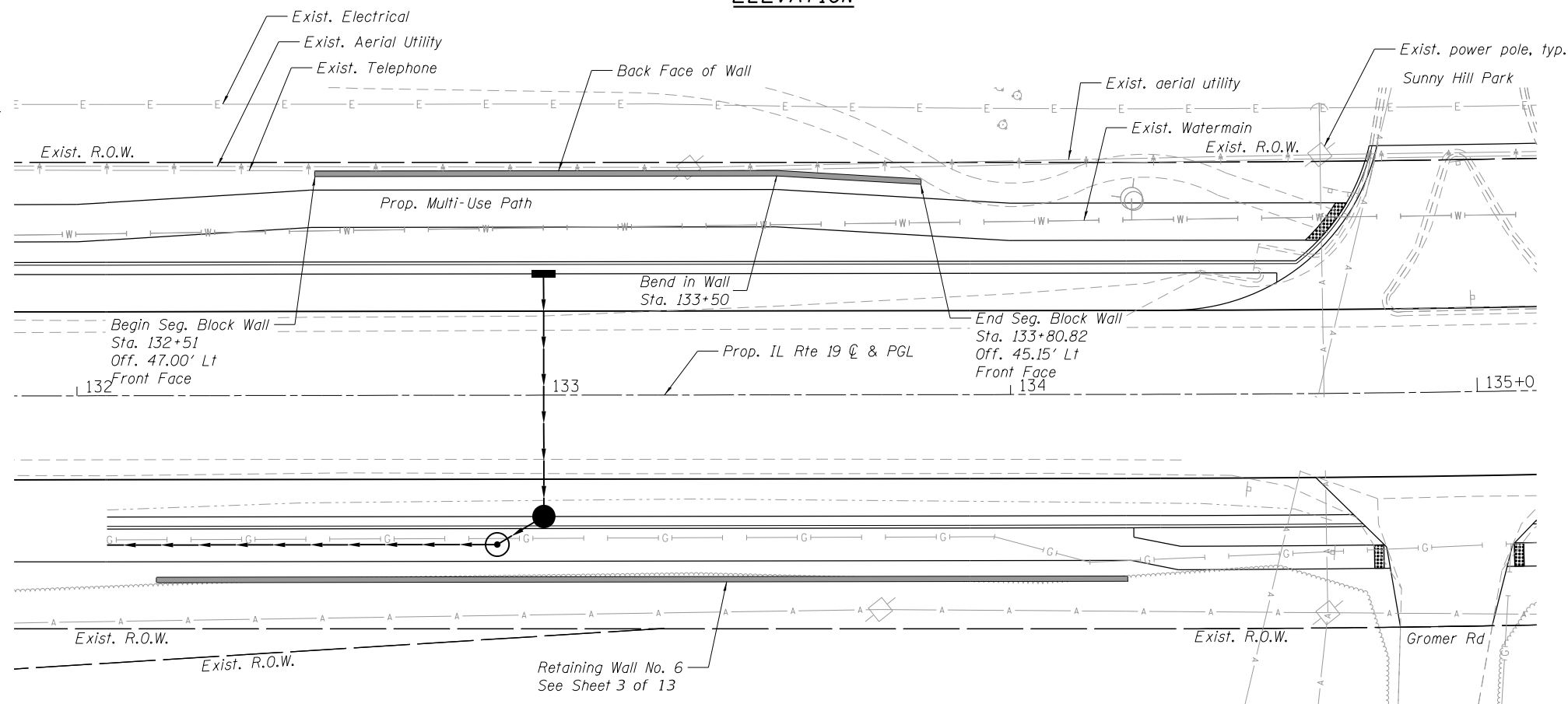
Benchmark:
 Village of Streamwood Monument #5, aluminum
 disk in concrete behind the curb at the southeast
 end of Grey Fox Court.
 Elevation = 799.92 NAVD88



UTILITY LEGEND

- E— Existing Electrical
- A— Existing Aerial Utility
- T— Existing Telephone
- G— Existing Gas Main
- S— Existing Storm Sewer
- P— Proposed Storm Sewer

ELEVATION



PLAN

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Segmental Concrete Block Wall	SF	718
Pipe Underdrain for Structures, 4"	Foot	141

Note:
 Wall Sta. and Offset provided are to Front Face
 at bottom of wall assuming theoretical 12" thick wall.

**GENERAL PLAN AND ELEVATION
 RETAINING WALL NO. 11
 IRVING PARK ROAD
 F.A.U. 1321 (IL RTE 19)
 COOK COUNTY
 STATION 131+51 TO 133+80.82**

HRC PROJECT NO.: 202045
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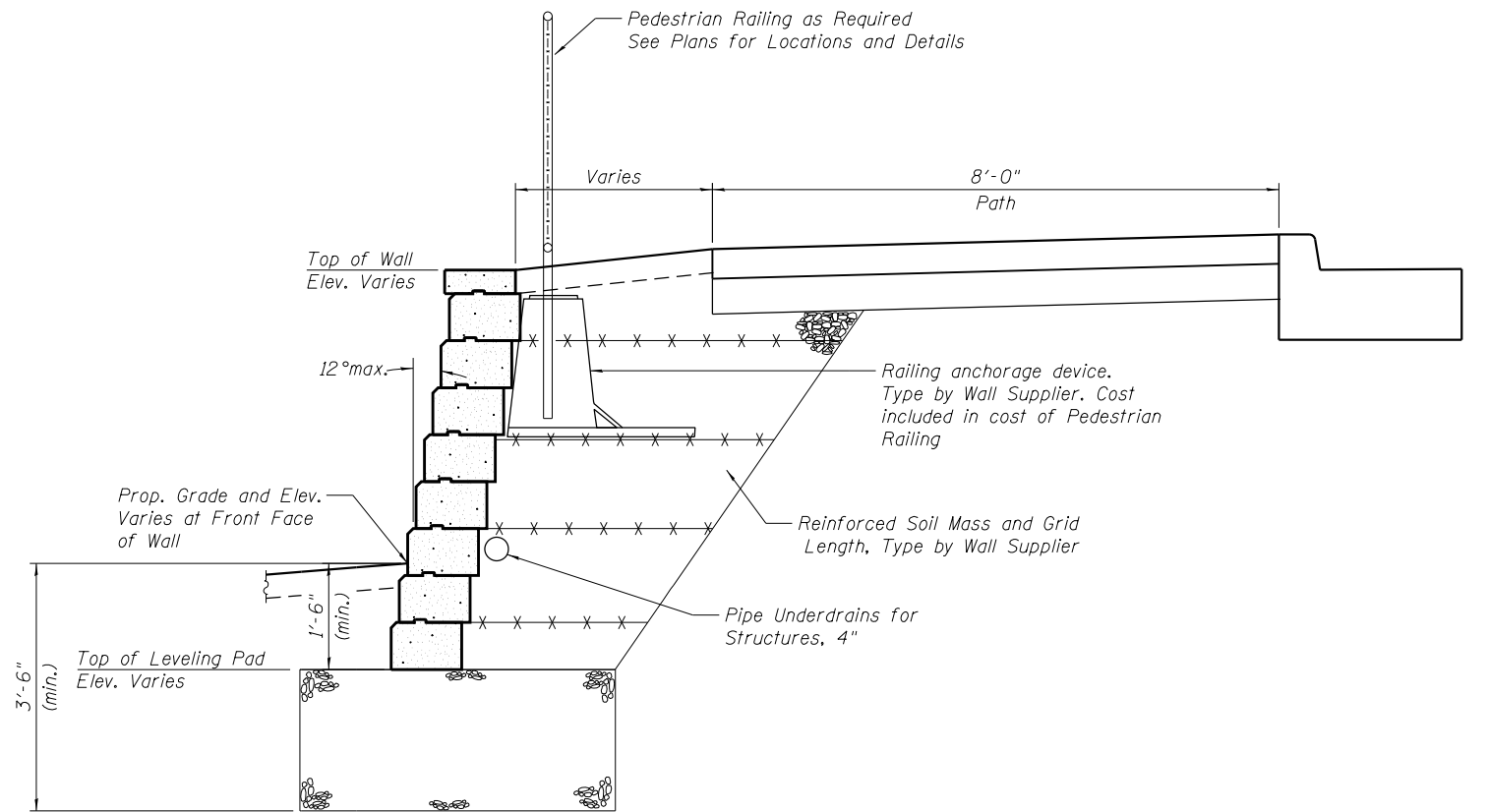
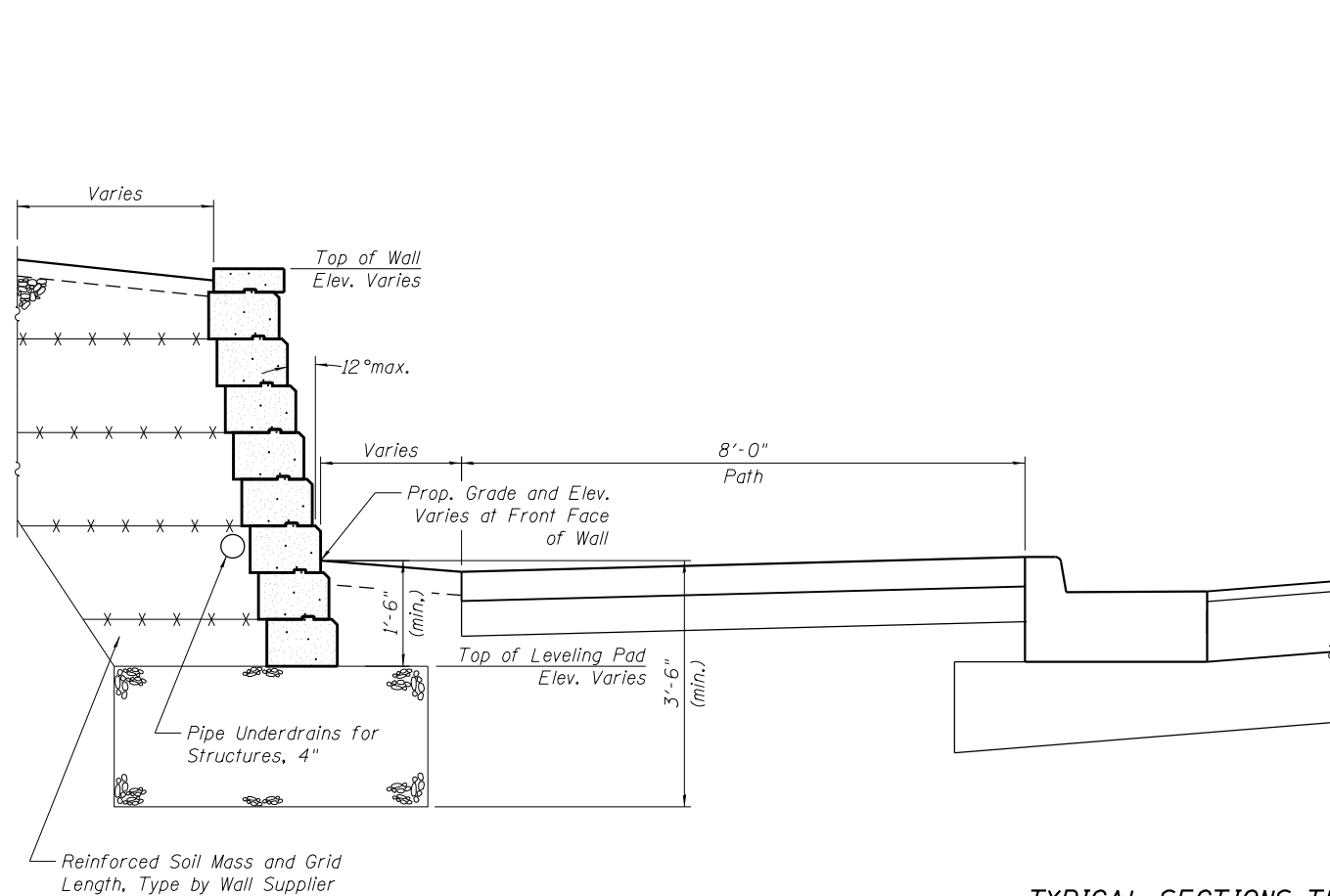
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHEET NO. 11 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	93
CONTRACT NO. 61K06				

ILLINOIS FED. AID PROJECT



TYPICAL SECTIONS THRU SEGMENTAL CONCRETE BLOCK WALLS

The cost of excavation required for the Segmental Concrete Block Wall shall be included in unit cost of Segmental Concrete Block Wall per Article 502.13.

HRG PROJECT NO.: 202045
 HRG PROJ. CONTACT:
 FILE NAME: 202045-Str. Wall-Details.dgn
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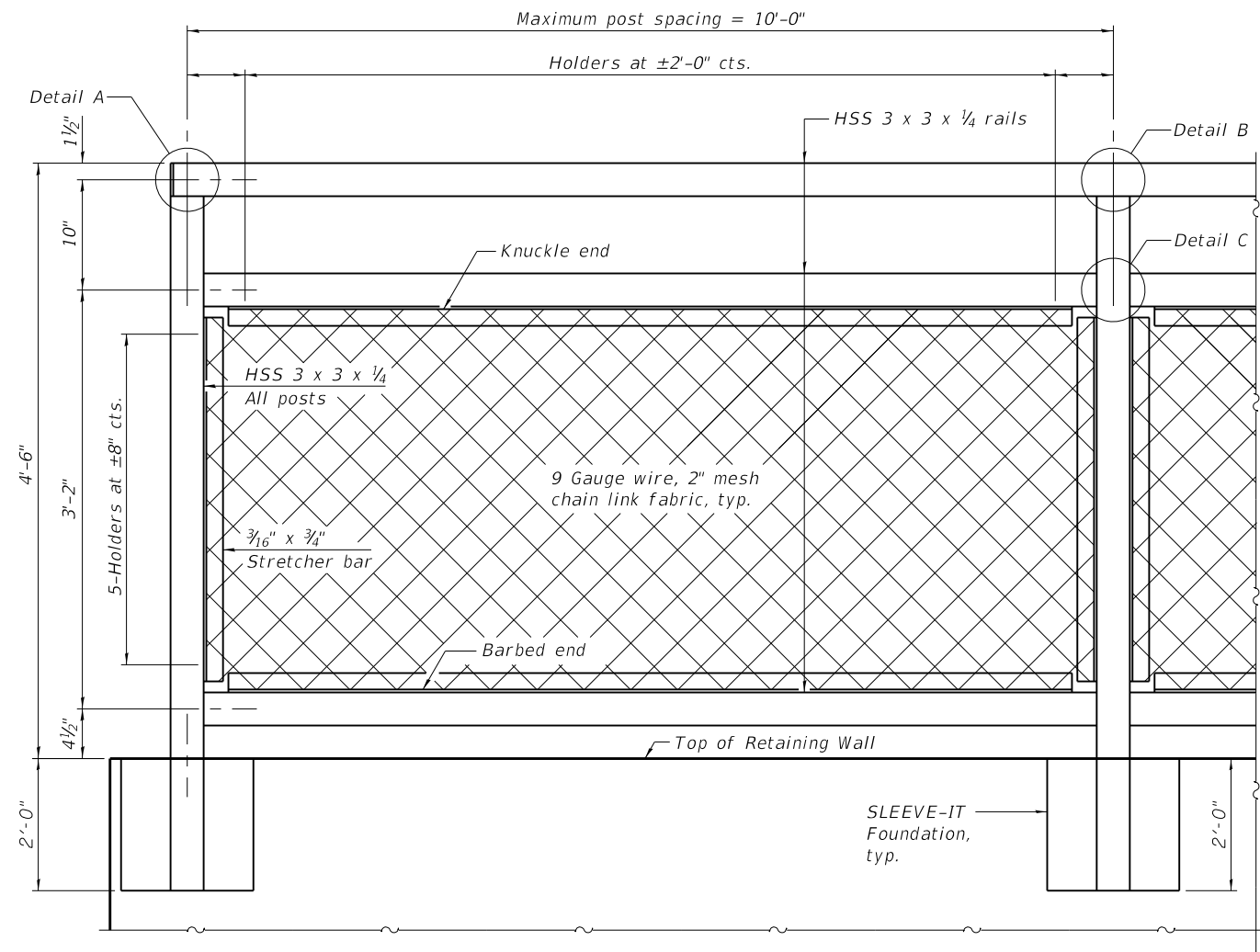
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	CHECKED - WJH	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

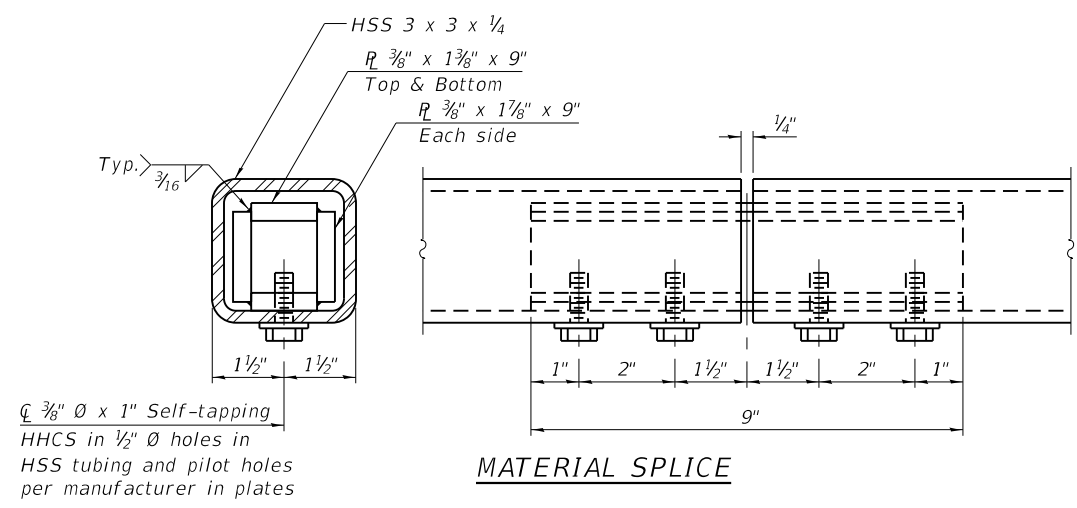
RETAINING WALL DETAILS

SHEET NO. 12 OF 14 SHEETS

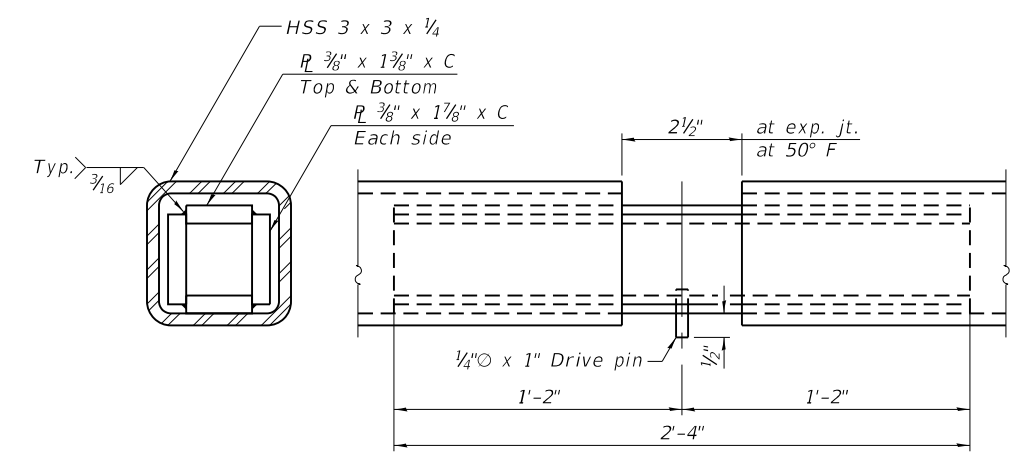
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	133	94
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				



ELEVATION BICYCLE RAILING

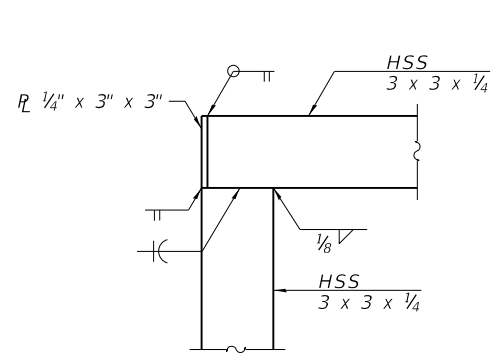


MATERIAL SPLICE

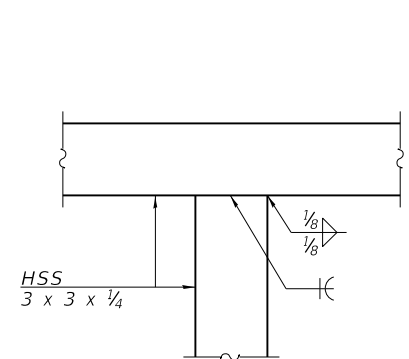


EXPANSION SPLICE

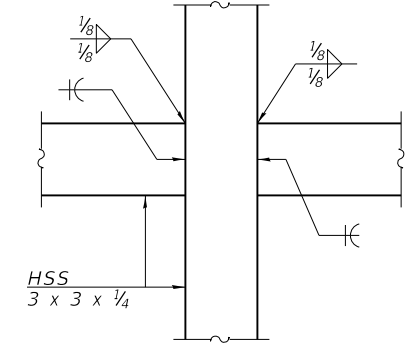
Notes:
 CVN testing is not required for the HSS tubing used in the Pedestrian Railing.
 All heavy hex nuts shall be according to ASTM A 563 grade DH.
 Rail splice inserts may be built out of bent plates of the same thicknesses and outside geometry limits as the 4 plate rail splice inserts shown.
 When the contract specifies a galvanized railing, all steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications. When the contract specifies a painted railing, all posts, rail, splices, anchor devices and plates of the railing shall be painted according to the paint system for railings as specified in the General Notes.
 Place expansion splice at maximum 100' cts.



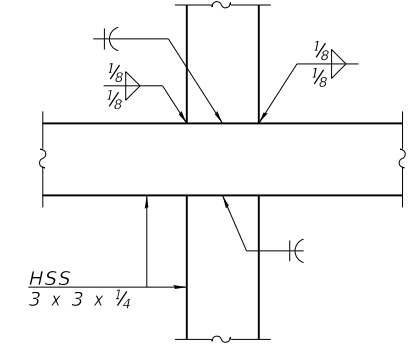
DETAIL A



DETAIL B



DETAIL C



DETAIL D

RAILING CRITERIA

Pedestrian Railing Weight (plf)	50
Max Post Spacing	10'-0"

HRG PROJECT NO.: 202405
 HRG PROJ. CONTACT:
 FILE NAME: 202405-51r_Railing.dwg
 PLOT DRIVER: IL_Pdf.dwg
 PEN TABLE: plotlabel.tbl



USER NAME = jhorwit	DESIGNED -	REVISED -
	CHECKED - WJH	REVISED -
PLOT SCALE =	DRAWN - SLS	REVISED -
PLOT DATE = 11/15/2023	CHECKED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RAILING DETAILS

SHEET NO. 13 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	95
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

Project: IL 19 - Irving Park Road (Schaumburg Rd to Bartlett Rd)
 Project Location: Cook County, IL
 Project Number: 15EG209

Boring Log B-4
 Sheet 1 of 1

Date(s) Drilled: May 26, 2015
 Logged By: Steve Eucker
 Checked By: Donald K. Sisson
 Drilling Method: Continuous Flight Auger
 Drill Bit Size/Type: 3 inch soil bit
 Total Depth of Borehole: 9 feet bgs
 Approximate Surface Elevation: 817.2 feet Estimated
 Hammer Data: 140 lb, 30 in drop, auto trip
 Drilling Contractor: i.e. xplore, LLC
 Sampling Method(s): SPT
 Groundwater Level and Date Measured: Not Encountered ATD
 Borehole Backfill: Soil
 Location: Approx. Station 122+20, 19 right, EB Shoulder;

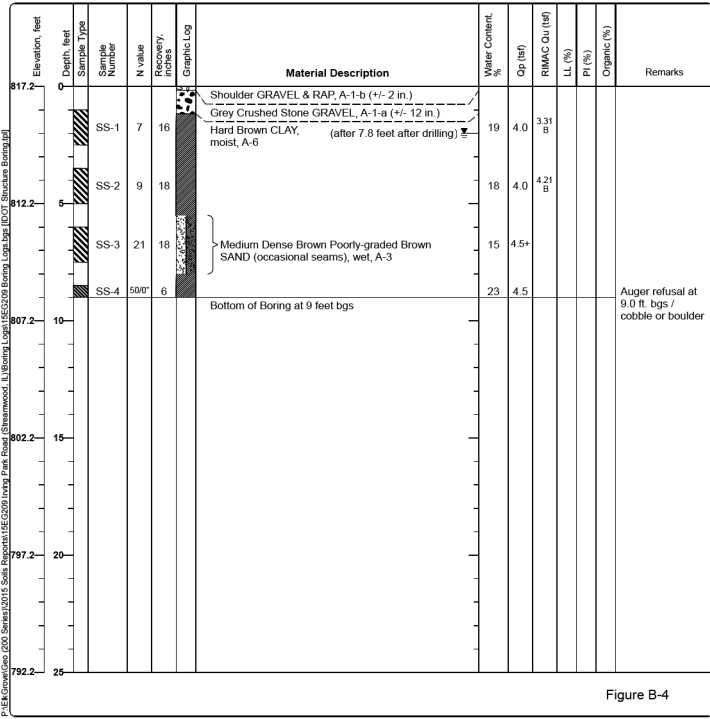


Figure B-4

Project: IL 19 - Irving Park Road (Schaumburg Rd to Bartlett Rd)
 Project Location: Cook County, IL
 Project Number: 15EG209

Boring Log B-8
 Sheet 1 of 1

Date(s) Drilled: May 26, 2015
 Logged By: Steve Eucker
 Checked By: Donald K. Sisson
 Drilling Method: Continuous Flight Auger
 Drill Bit Size/Type: 3 inch soil bit
 Total Depth of Borehole: 10 feet bgs
 Approximate Surface Elevation: 808.5 feet Estimated
 Hammer Data: 140 lb, 30 in drop, auto trip
 Drilling Contractor: i.e. xplore, LLC
 Sampling Method(s): SPT
 Groundwater Level and Date Measured: 1 feet ATD
 Borehole Backfill: Soil
 Location: Approx. Station 127+40, 18 right;

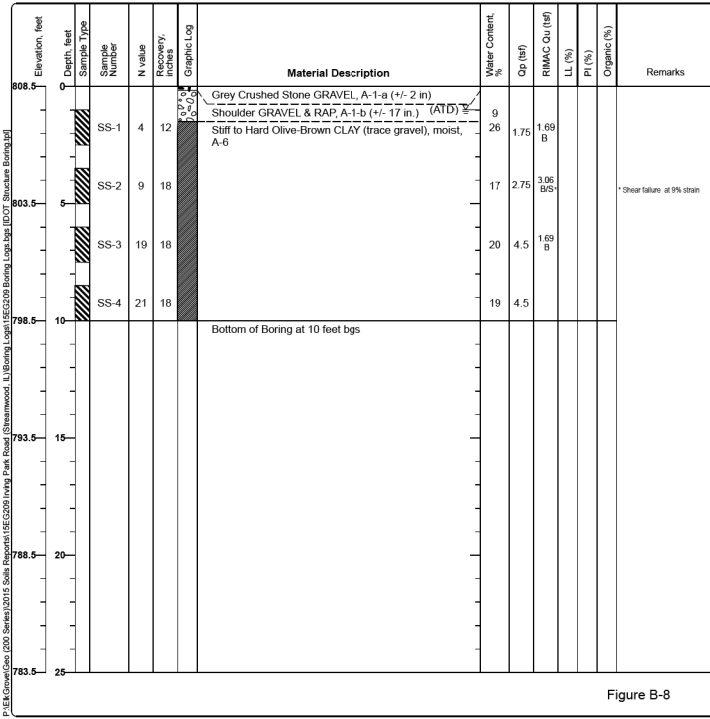


Figure B-8

Project: IL 19 - Irving Park Road (Schaumburg Rd to Bartlett Rd)
 Project Location: Cook County, IL
 Project Number: 15EG209

Boring Log B-9
 Sheet 1 of 1

Date(s) Drilled: May 23, 2015
 Logged By: Steve Eucker
 Checked By: Donald K. Sisson
 Drilling Method: Continuous Flight Auger
 Drill Bit Size/Type: 3 inch soil bit
 Total Depth of Borehole: 10 feet bgs
 Approximate Surface Elevation: 811.8 feet Estimated
 Hammer Data: 140 lb, 30 in drop, auto trip
 Drilling Contractor: i.e. xplore, LLC
 Sampling Method(s): SPT
 Groundwater Level and Date Measured: Not Encountered ATD
 Borehole Backfill: Soil
 Location: Approx. Station 131+50, 16 left;

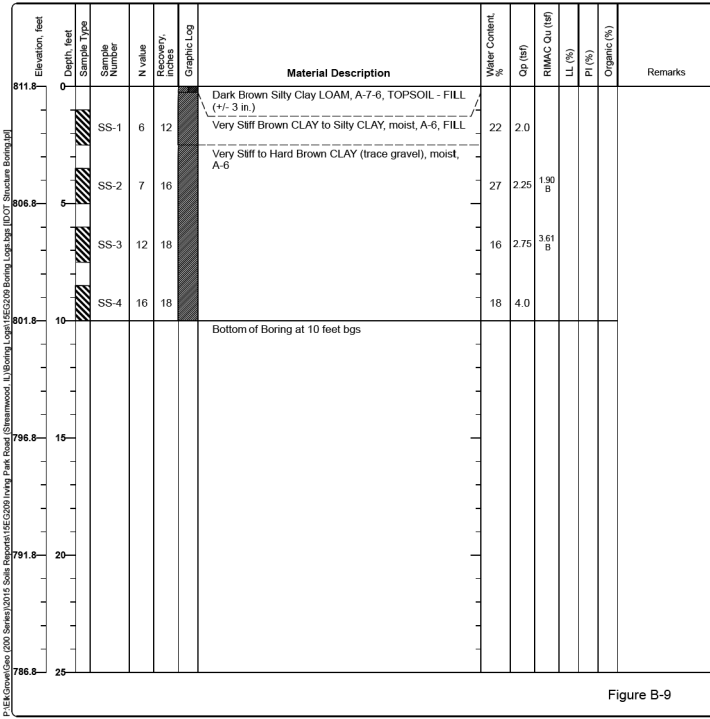


Figure B-9

Project: IL 19 - Irving Park Road (Schaumburg Rd to Bartlett Rd)
 Project Location: Cook County, IL
 Project Number: 15EG209

Boring Log B-10
 Sheet 1 of 1

Date(s) Drilled: May 26, 2015
 Logged By: Steve Eucker
 Checked By: Donald K. Sisson
 Drilling Method: Continuous Flight Auger
 Drill Bit Size/Type: 3 inch soil bit
 Total Depth of Borehole: 10 feet bgs
 Approximate Surface Elevation: 818.5 feet Estimated
 Hammer Data: 140 lb, 30 in drop, auto trip
 Drilling Contractor: i.e. xplore, LLC
 Sampling Method(s): SPT
 Groundwater Level and Date Measured: Not Encountered ATD
 Borehole Backfill: Soil
 Location: Approx. Station 134+25, 17 right;

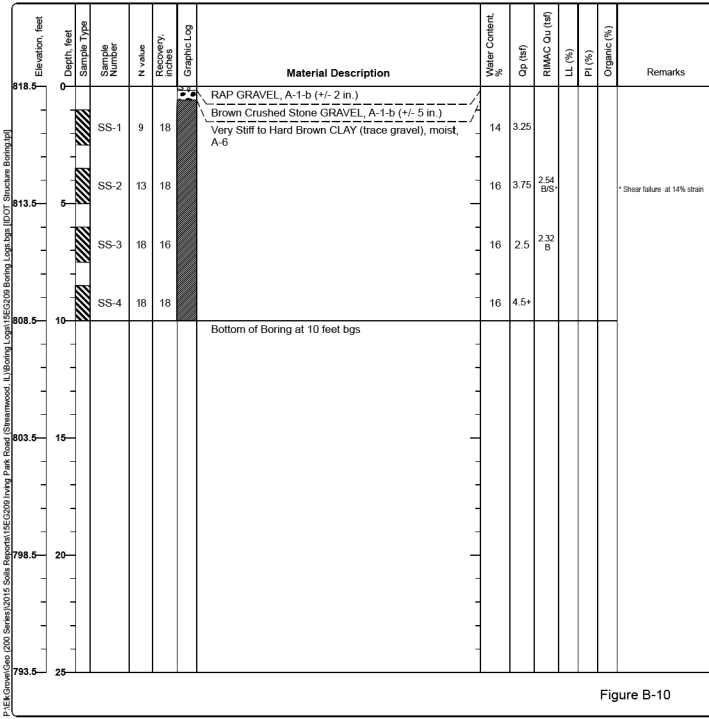


Figure B-10

Project: IL 19 - Irving Park Road (Schaumburg Rd to Bartlett Rd)
 Project Location: Cook County, IL
 Project Number: 15EG209

Boring Log B-11
 Sheet 1 of 1

Date(s) Drilled: May 23, 2015
 Logged By: Steve Eucker
 Checked By: Donald K. Sisson
 Drilling Method: Continuous Flight Auger
 Drill Bit Size/Type: 3 inch soil bit
 Total Depth of Borehole: 10 feet bgs
 Approximate Surface Elevation: 817.7 feet Estimated
 Hammer Data: 140 lb, 30 in drop, auto trip
 Drilling Contractor: i.e. xplore, LLC
 Sampling Method(s): SPT
 Groundwater Level and Date Measured: Not Encountered ATD
 Borehole Backfill: Soil
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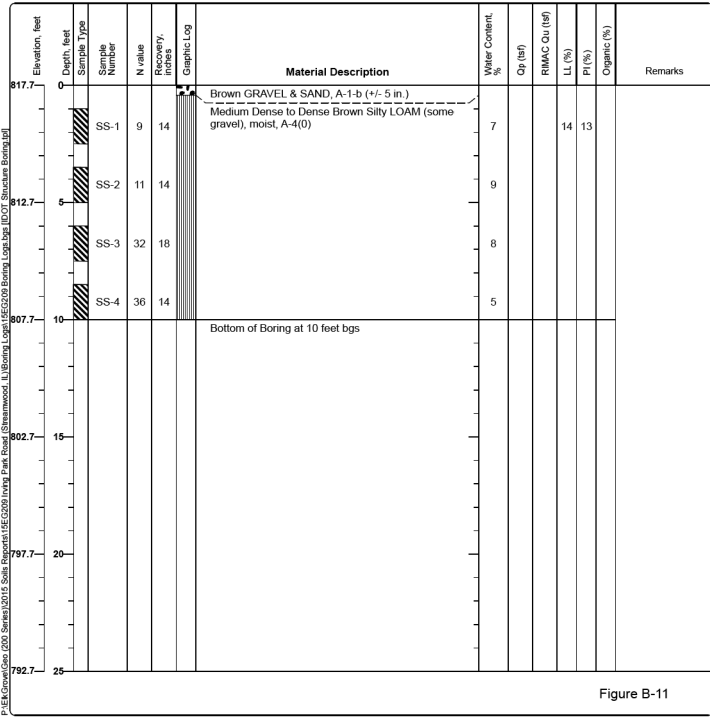


Figure B-11

Project: IL 19 - Irving Park Road (Schaumburg Rd to Bartlett Rd)
 Project Location: Cook County, IL
 Project Number: 15EG209

Boring Log B-15
 Sheet 1 of 1

Date(s) Drilled: May 23, 2015
 Logged By: Steve Eucker
 Checked By: Donald K. Sisson
 Drilling Method: Continuous Flight Auger
 Drill Bit Size/Type: 3 inch soil bit
 Total Depth of Borehole: 10 feet bgs
 Approximate Surface Elevation: 797.7 feet Estimated
 Hammer Data: 140 lb, 30 in drop, auto trip
 Drilling Contractor: i.e. xplore, LLC
 Sampling Method(s): SPT, Grab
 Groundwater Level and Date Measured: Not Encountered ATD
 Borehole Backfill: Soil
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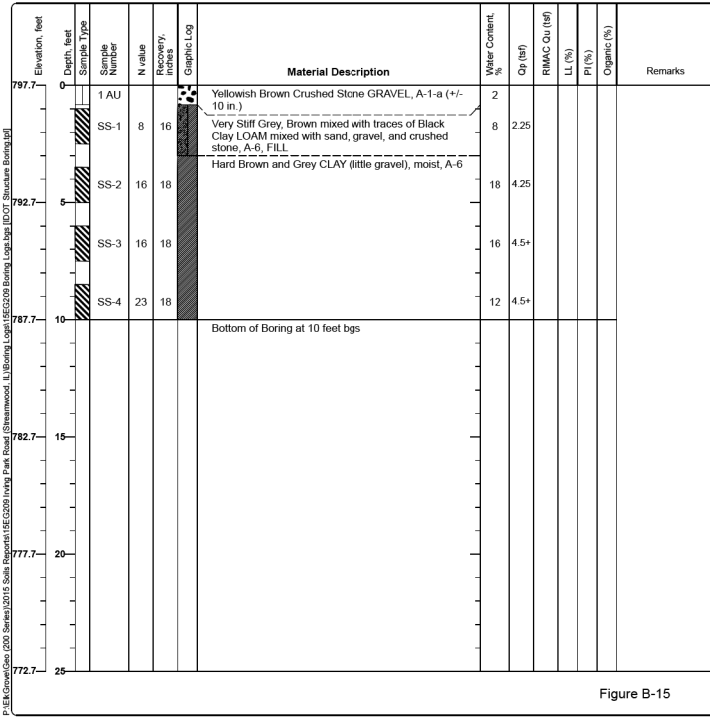


Figure B-15

Project: IL 19 - Irving Park Road (Schaumburg Rd to Bartlett Rd)
 Project Location: Cook County, IL
 Project Number: 15EG209

Boring Log B-16
 Sheet 1 of 1

Date(s) Drilled: May 26, 2015
 Logged By: Steve Eucker
 Checked By: Donald K. Sisson
 Drilling Method: Continuous Flight Auger
 Drill Bit Size/Type: 3 inch soil bit
 Total Depth of Borehole: 10 feet bgs
 Approximate Surface Elevation: 798.7 feet Estimated
 Hammer Data: 140 lb, 30 in drop, auto trip
 Drilling Contractor: i.e. xplore, LLC
 Sampling Method(s): SPT
 Groundwater Level and Date Measured: 1.5 feet ATD
 Borehole Backfill: Soil
 Location: Approx. Station 152+70, 18 right;

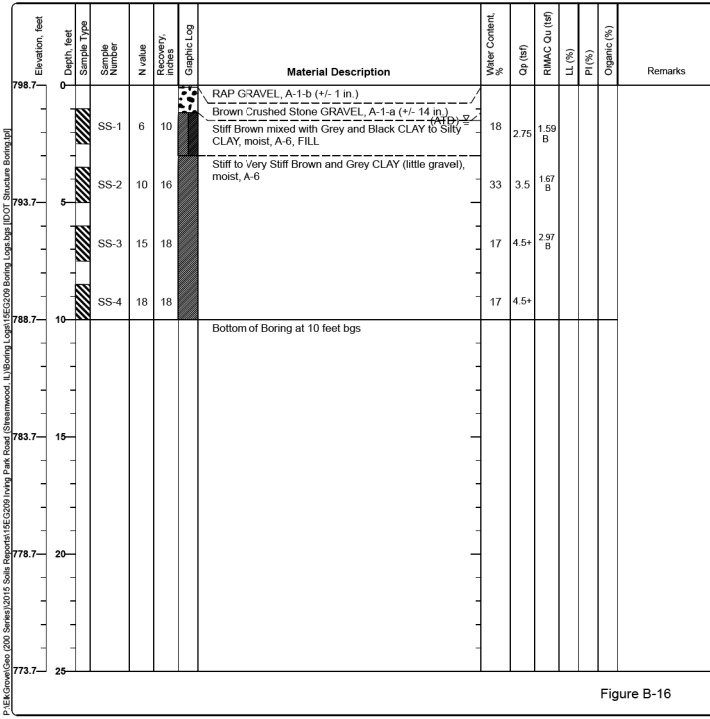


Figure B-16

Project: IL 19 - Irving Park Road (Schaumburg Rd to Bartlett Rd)
 Project Location: Cook County, IL
 Project Number: 15EG209

Boring Log B-40
 Sheet 1 of 1

Date(s) Drilled: June 29, 2015
 Logged By: Steve Eucker
 Checked By: Donald K. Sisson
 Drilling Method: Continuous Flight Auger
 Drill Bit Size/Type: 3 inch soil bit
 Total Depth of Borehole: 10 feet bgs
 Approximate Surface Elevation: 823.3 feet Estimated
 Hammer Data: 140 lb, 30 in drop, auto trip
 Drilling Contractor: i.e. xplore, LLC
 Sampling Method(s): SPT
 Groundwater Level and Date Measured: Not Encountered ATD
 Borehole Backfill: Soil
 Location: Approx. Station 119+06, 16 left;

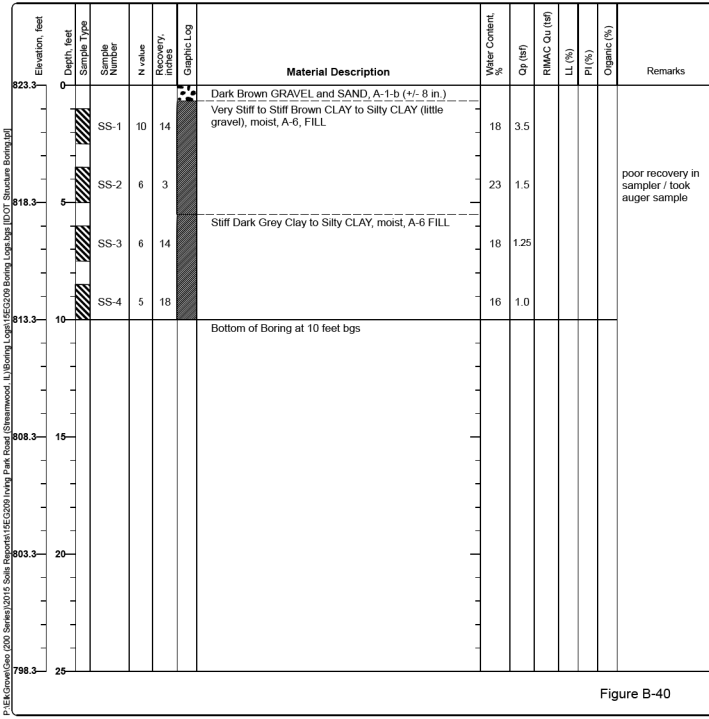


Figure B-40

HRG PROJECT NO: 20045
 HRG PROJ. CONT. ACT:
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 PEN TABLE: 10/10/2014



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 DRAWN -
 CHECKED -
 DATE -

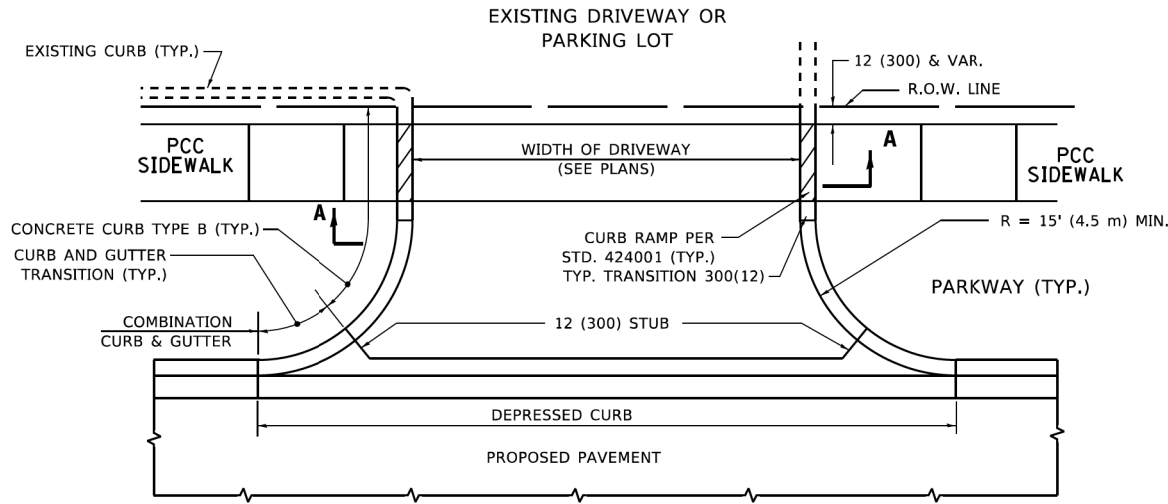
REVISOR -
 REVISION -
 REVISION -
 REVISION -
 REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

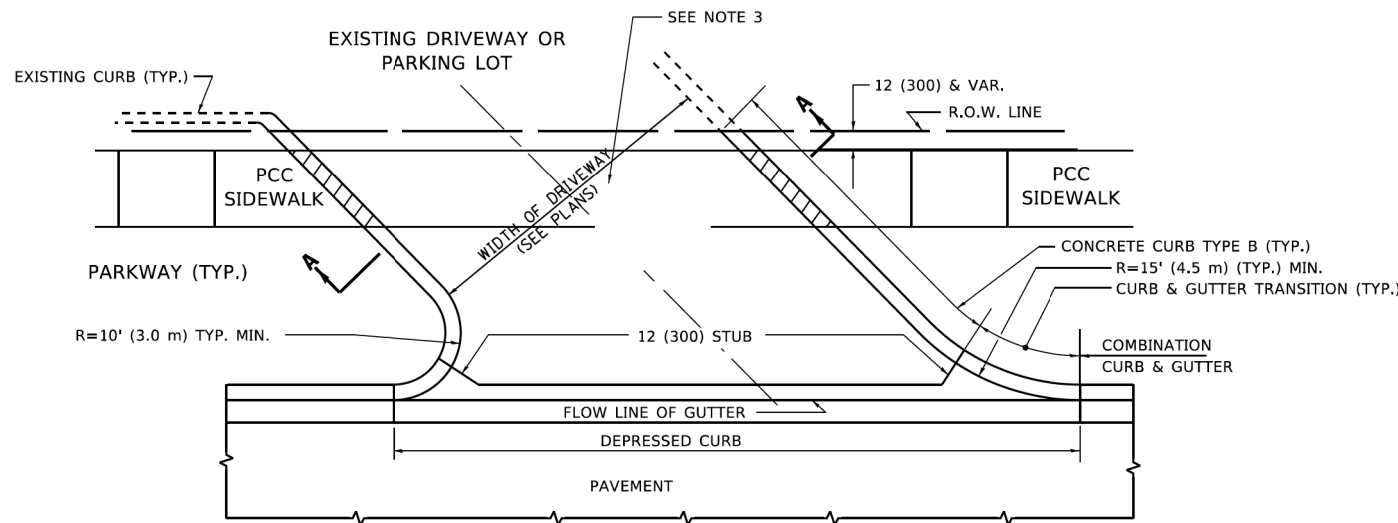
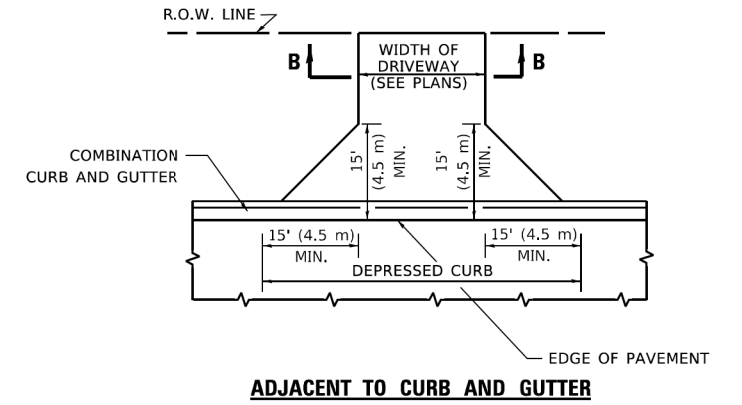
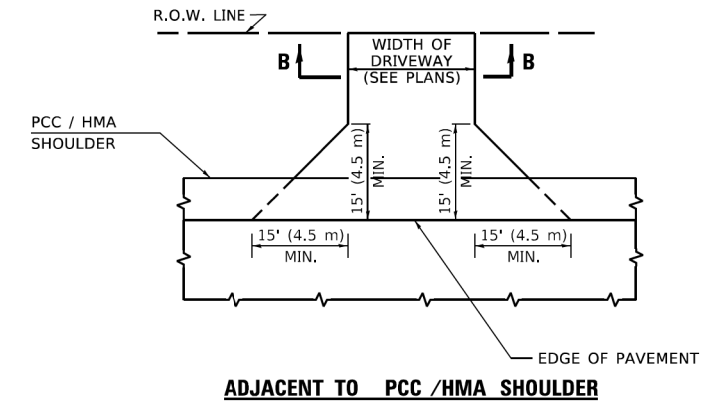
SOIL BORING LOGS

SCALE: SHEET 14 OF 14 SHEETS STA. TO STA.

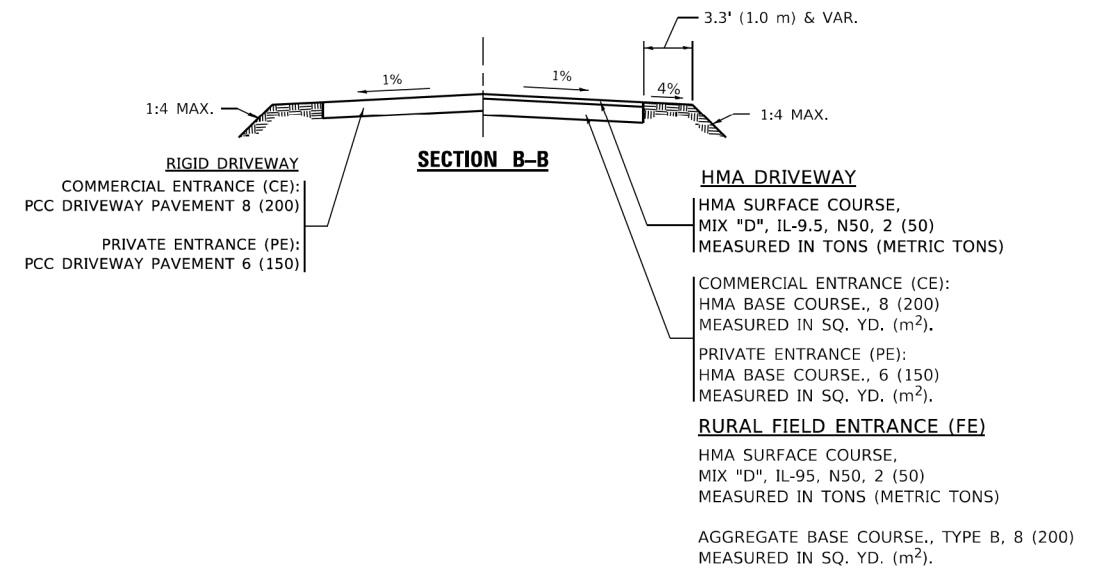
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	96
CONTRACT NO. 61K06				
ILLINOIS FED. AID PROJECT				



WITH CONCRETE CURB, TYPE B

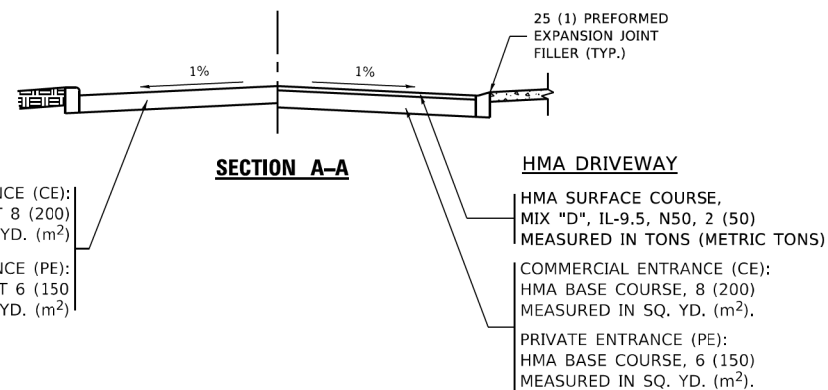


WITH CONCRETE CURB, TYPE B



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

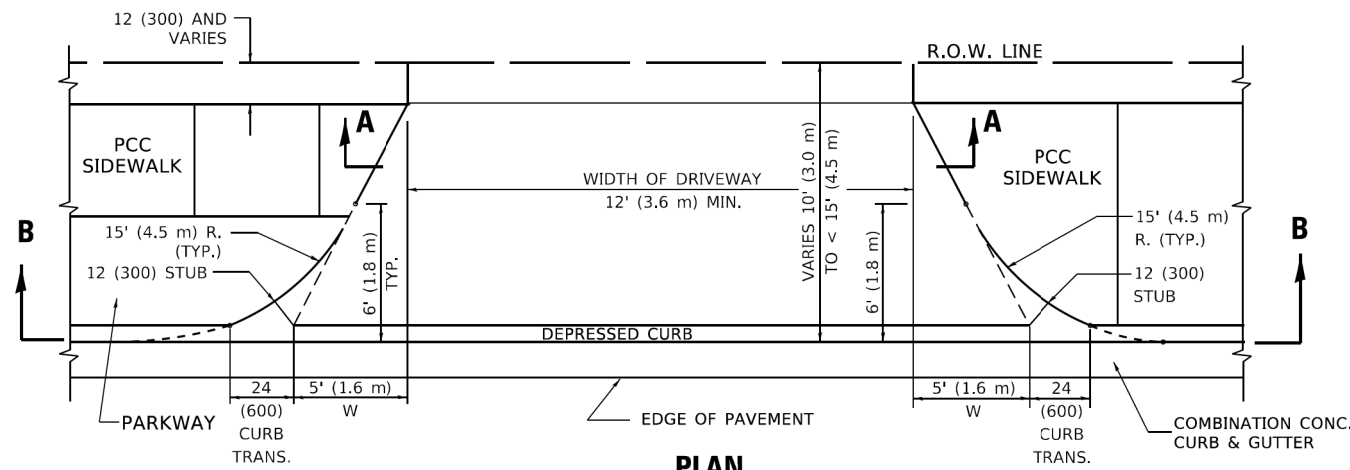
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REVISION: 11/18/2022
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED - R. BORO 09-06-11
PLOT DATE = 11/18/2022	CHECKED -	REVISED - K. SMITH 08-28-19
	DATE - 11-04-95	REVISED - K. SMITH 11-18-22

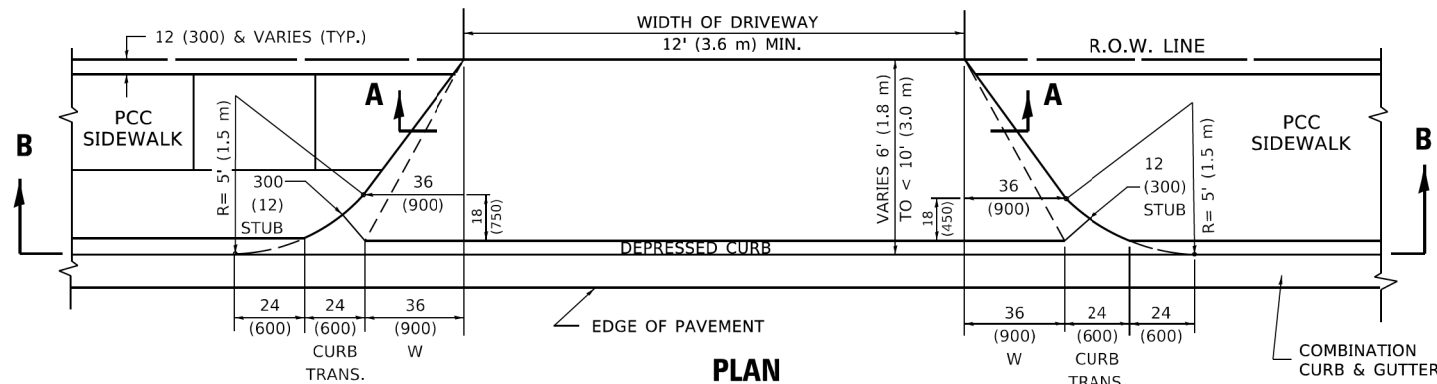
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)			
SCALE: NONE	SHEET 1	OF 1	SHEETS
STA.	TO STA.		

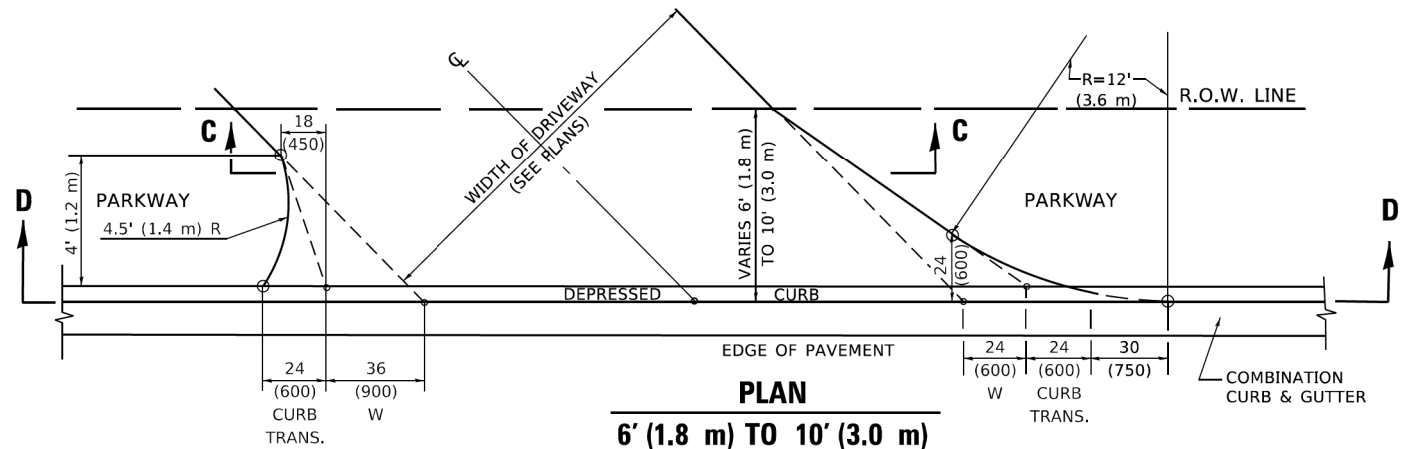
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BD400-01 (BD-01)		CONTRACT NO. 61K06		
ILLINOIS FED. AID PROJECT				



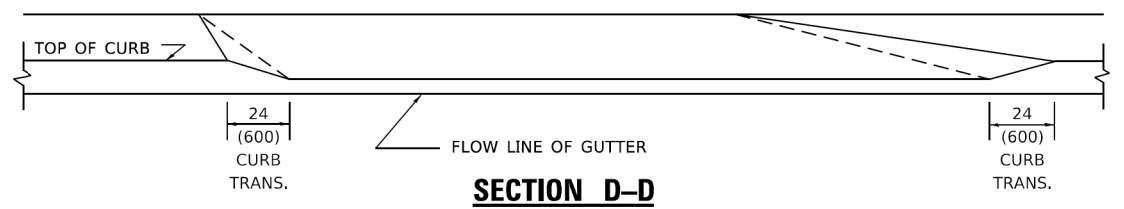
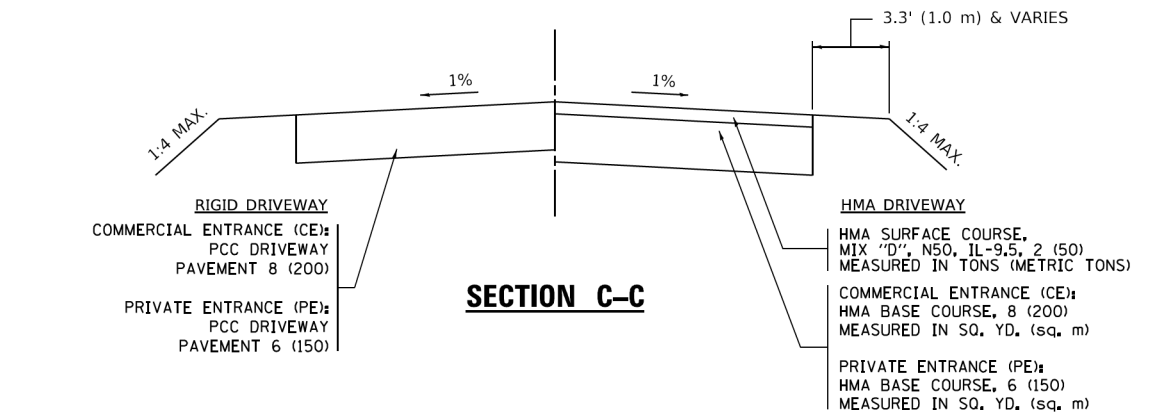
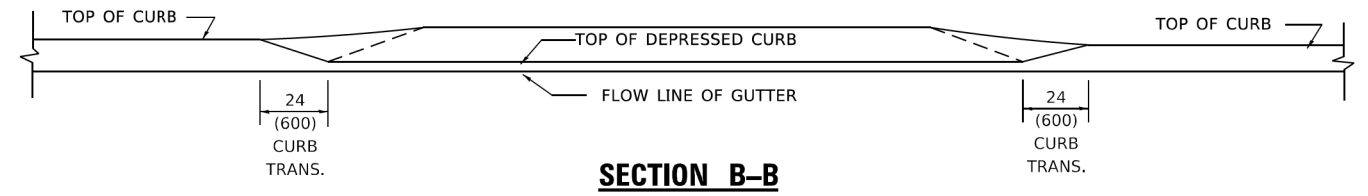
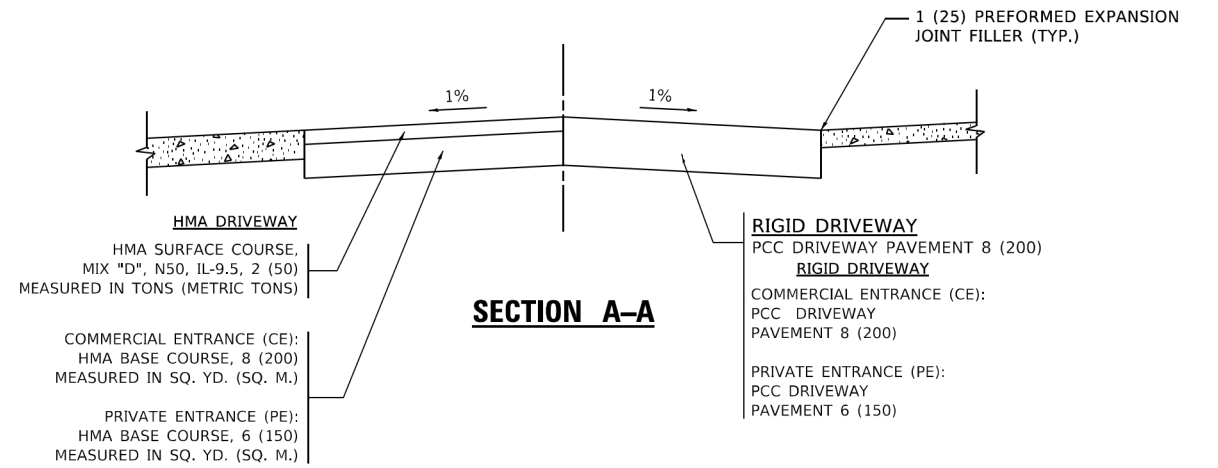
PLAN
10' (3.0 m) TO < 15' (4.5 m)



PLAN
6' (1.8 m) TO < 10' (3.0 m)



PLAN
6' (1.8 m) TO 10' (3.0 m)



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO 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.
- 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.
- "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.

HRG PROJECT NO.: 20045
HRG PROJ. CONTACT:
FILE NAME: 20045-SPT-06-rails-8002.dgn
PLOT DATE: 11/18/2022
PLOT SCALE: 100.0000' / in.
PLOT DATE: 11/18/2022

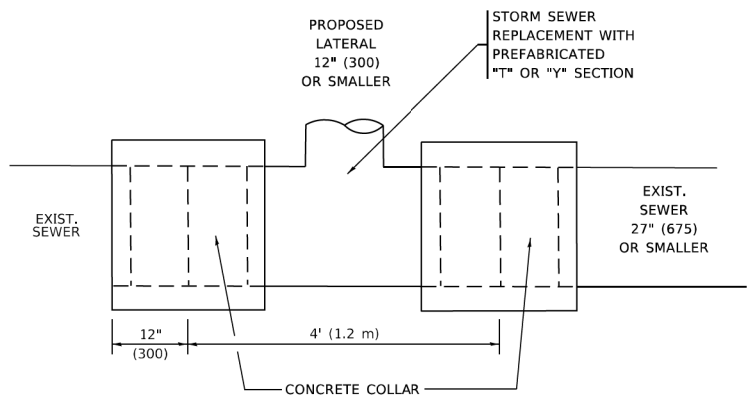
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	DRAWN -	REVISED - R. BORO 09-06-11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 08-27-19
PLOT DATE = 11/18/2022	DATE - 11-06-95	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

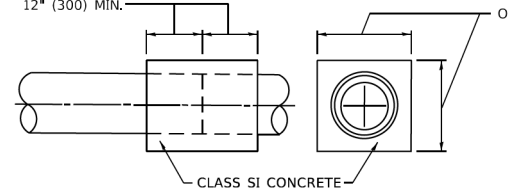
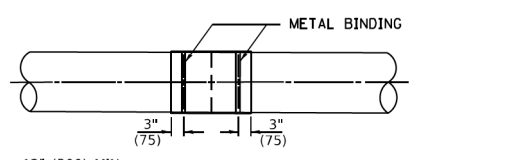
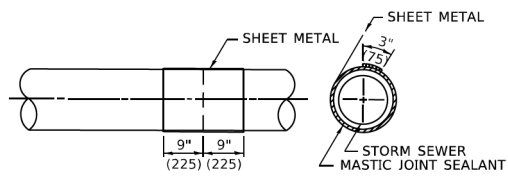
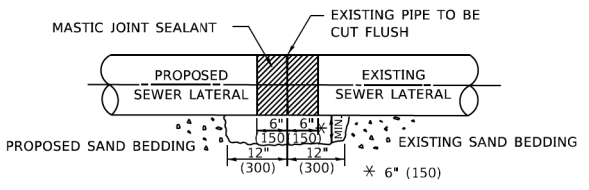
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD400-02 (BD-02)		CONTRACT NO.	61K06	
ILLINOIS FED. AID PROJECT				



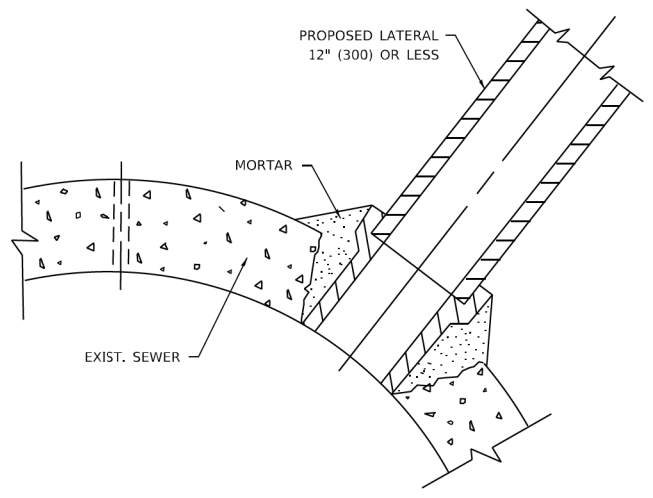
DETAIL "A"

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

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.

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

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "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

- 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.
- CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

- 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.
- 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.
- TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
- CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

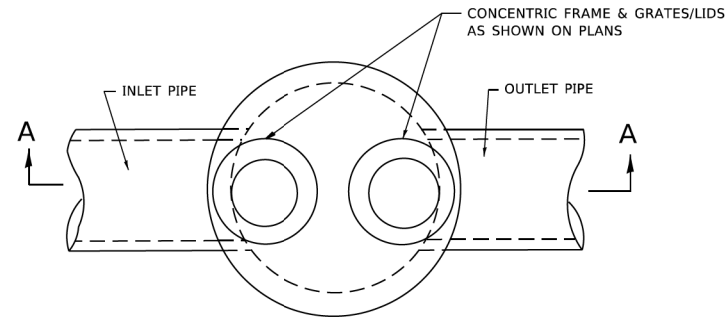
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 PLOT DATE: 11/18/2022
 PLOT SCALE: 100.0000' / 1in.
 USER: Lawrence,DeManche

USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94
	DRAWN -	REVISED - R. SHAH 10-25-94
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. SHAH 06-12-96
PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - K. SMITH 11-18-22

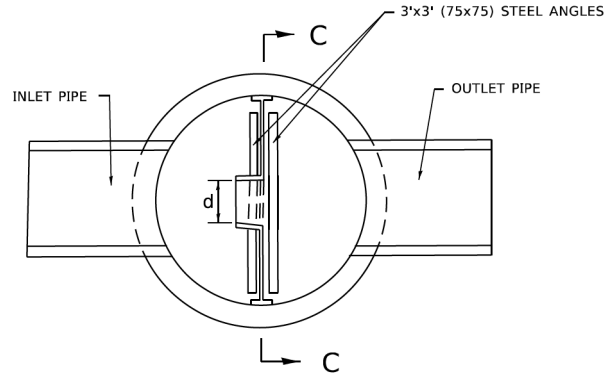
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

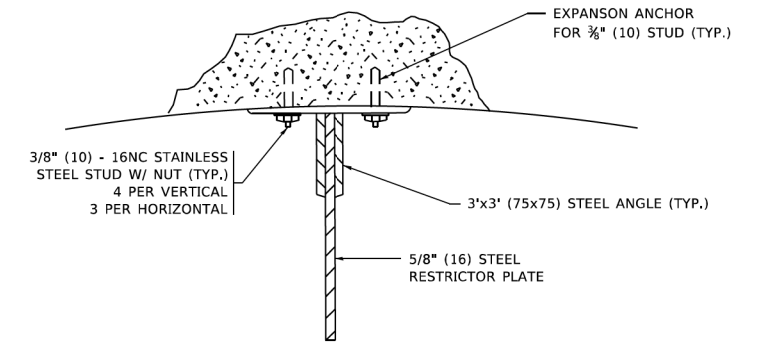
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	99
BD500-01 (BD-07)		CONTRACT NO. 61K06		
ILLINOIS FED. AID PROJECT				



PLAN



SECTION B-B



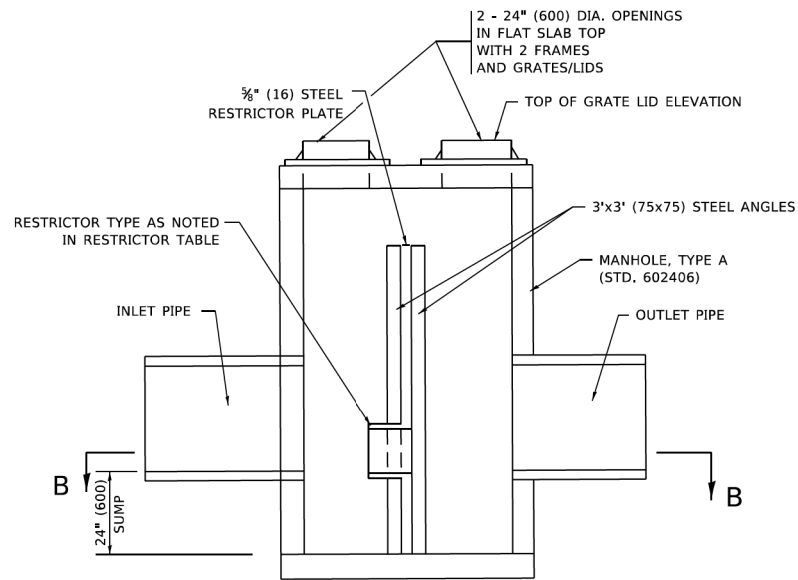
ANGLE FASTENER DETAIL

NOTES:

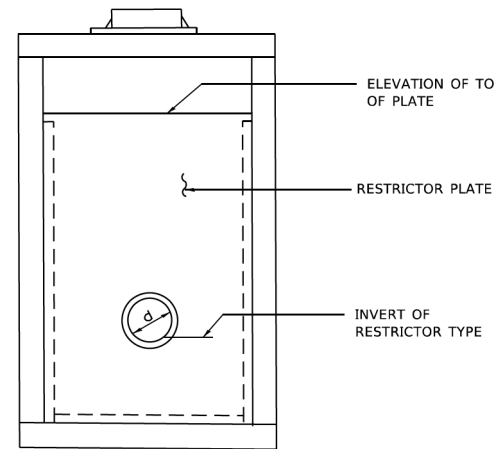
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

BASIS OF PAYMENT:

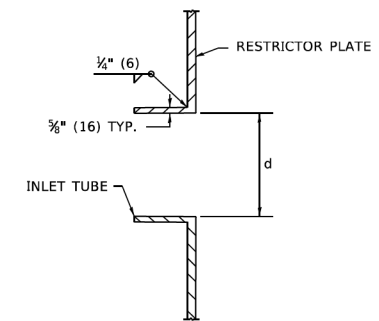
1. TO BE PAID FOR AS "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



SECTION A-A

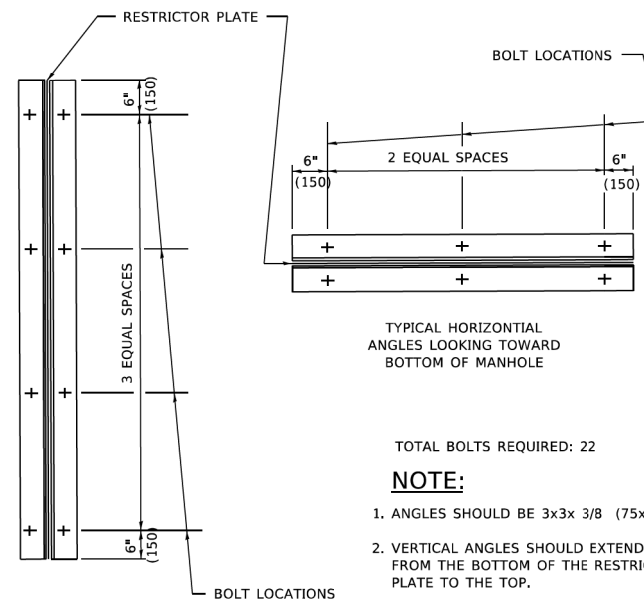


SECTION C-C



INLET TUBE DETAIL

STATION AND OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
106+50	6'	T1F CL	3	6	835.14	836.84
106+60	6'	T1F CL	3	8	834.49	835.29
117+20	8'	T1F CL	3	10	820.60	824.50
128+75	8'	T1F CL	3	12	800.70	803.70
128+95	8'	T1F CL	3	9	799.50	802.50
145+34.1	8'	T1F CL	3	9	792.35	797.50
151+21	8'	T1F CL	3	8	789.50	794.00
151+59	8'	T1F CL	3	4	786.85	789.25
161+62	8'	T1F CL	3	10	784.00	787.00



STEEL ANGLE BOLTING DETAILS

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

HRG PROJECT NO. 20045
HRG PROJ. CONTACT:
FILE NAME: 20045-SPT-06-rails-BDZ.dgn
FILE NUMBER: 11/18/2022
REVISED: 11/18/2022
FILE: 11/18/2022

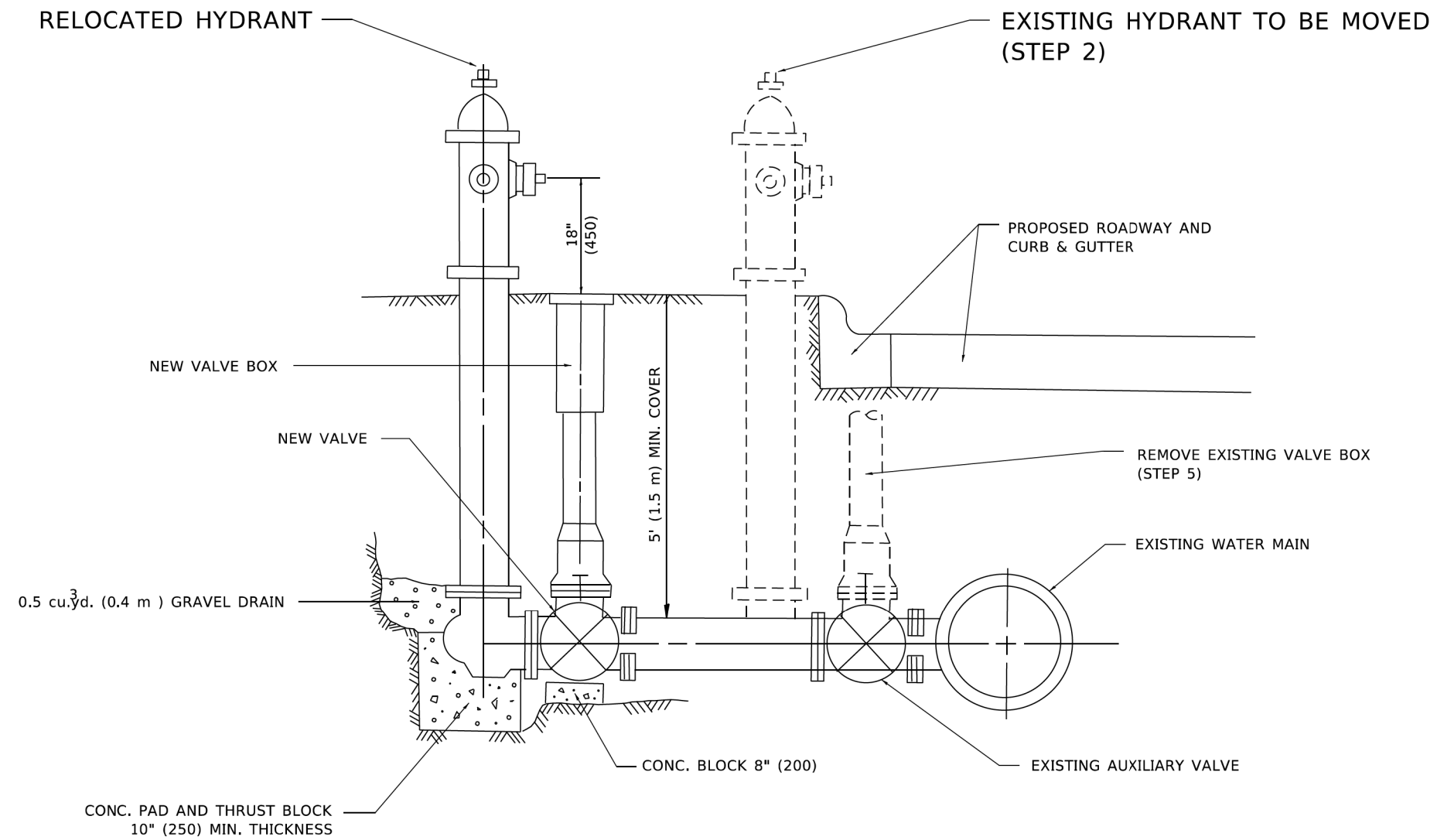
USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 01-08-01
PLOT DATE = 11/18/2022	DATE - 09-09-94	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH
RESTRICTOR PLATE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	100
BD600-04 (BD-12)		CONTRACT NO. 61K06		
ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

NOTE:

ALL WORK TO BE DONE IN ACCORDANCE WITH SECTION 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

HRG PROJECT NO. 20045
 HRG PROJ. CONTACT
 FILE NAME: 20045-SPR-2676-0236.dgn
 REVISION: 11/18/2022
 FILE: \\p11011\p11011\Documents\DOT\Office\District 1\Projects\District 1\Projects\20045-SPR-2676-0236.dgn

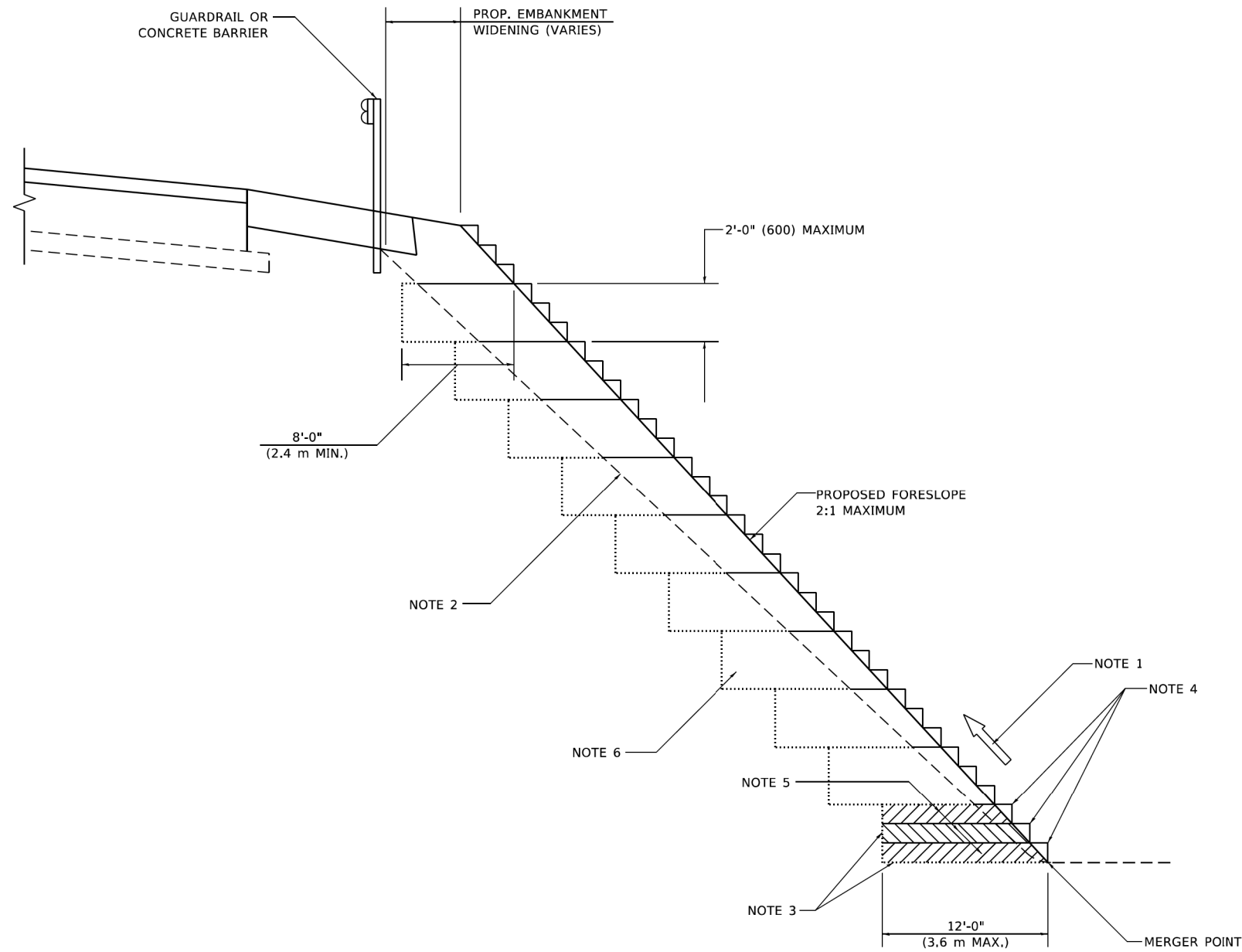
USER NAME = Lawrence,DeManche	DESIGNED -	REVISED - R. SHAH 09-09-94
	DRAWN -	REVISED - R. SHAH 10-25-94
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 11/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIRE HYDRANT TO BE MOVED

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	101
BD-36		CONTRACT NO. 61K06		
ILLINOIS FED. AID PROJECT				



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

GENERAL NOTES

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-spr-26-rails-bd.dgn
 BENEFIT: 20045-spr-26-rails-bd.dgn
 FILE: \\p1101001\p1101001\Documents\DOT Offices\District 1\Projects\District 1\CADD\Bids\CAD\Bids\Bids\Bids.dgn

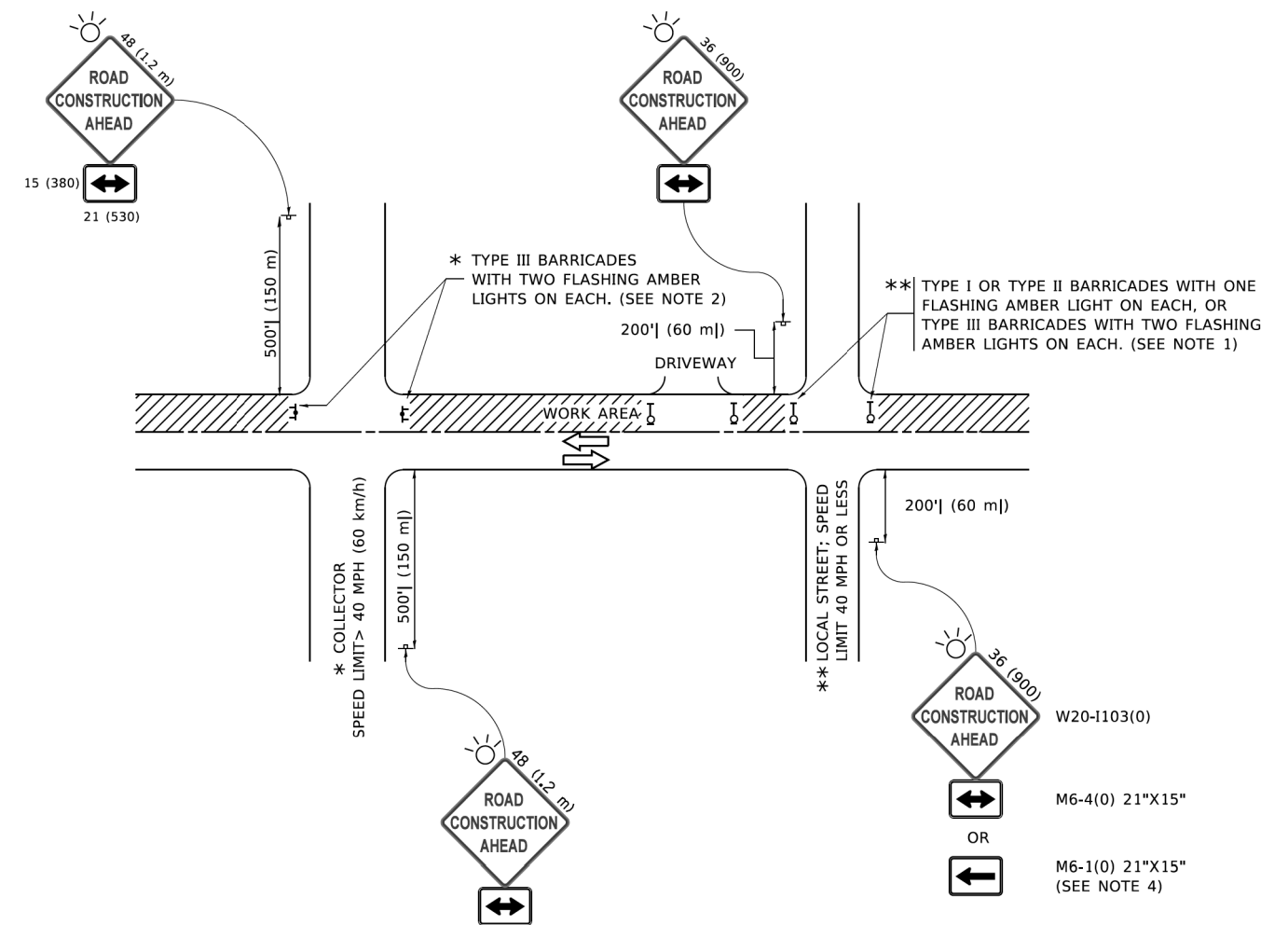
USER NAME = Lawrence,DeManche	DESIGNED -	REVISED - K. SMITH 11-18-22
	DRAWN - CADD	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - S.E.B.	REVISED -
PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	102
BD-51		CONTRACT NO. 61K06		
ILLINOIS FED. AID PROJECT				



NOTES:

- 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:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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.

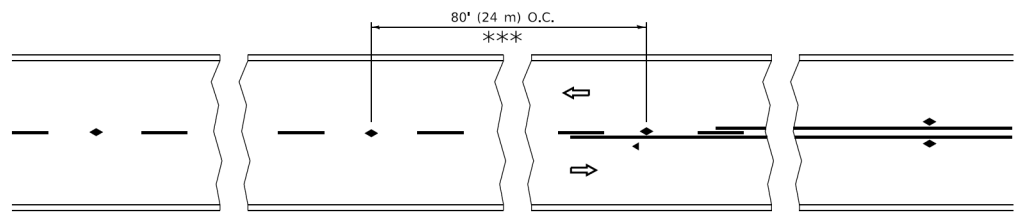
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 PLOT DATE: 3/4/2019
 PLOT SCALE: 50.0000' / in.
 USER: footemj
 DESIGNED: L.H.A.
 DRAWN:
 CHECKED:
 DATE: 06-89
 REVISED: A. HOUSEH 10-15-96
 REVISED: T. RAMMACHER 01-06-00
 REVISED: A. SCHUETZE 07-01-13
 REVISED: A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

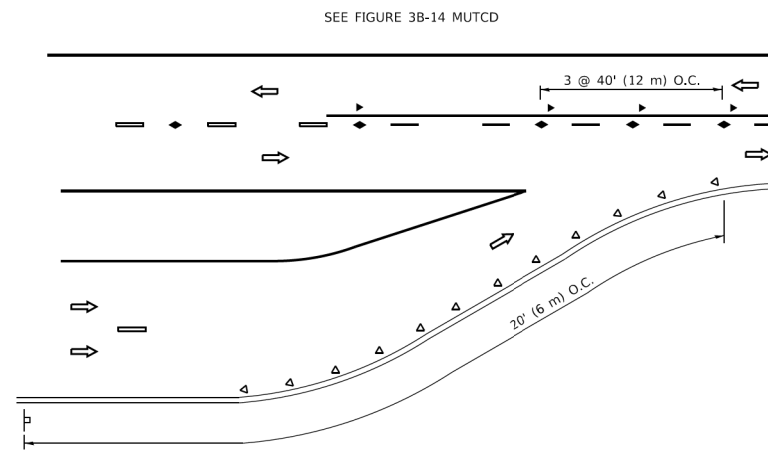
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 61K06	
ILLINOIS FED. AID PROJECT				

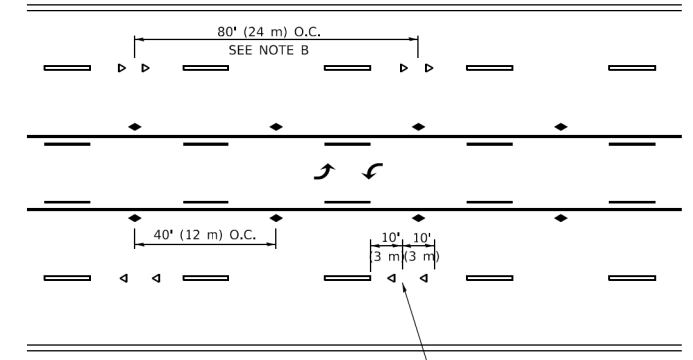


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

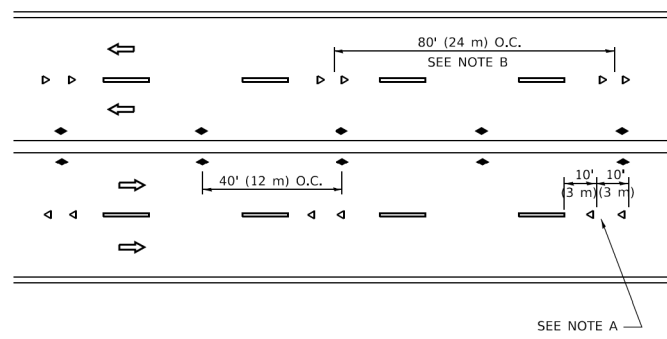
TWO-LANE/TWO-WAY



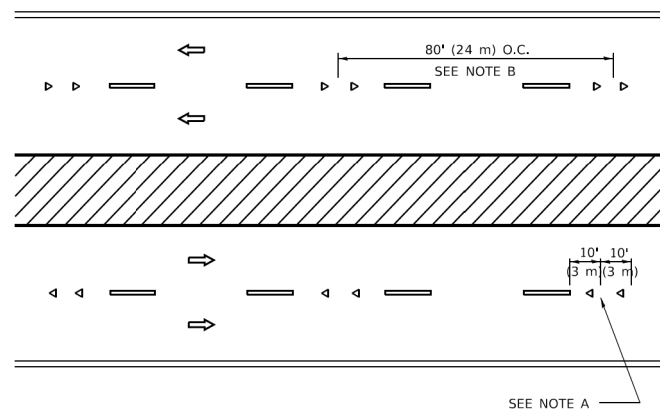
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

- MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

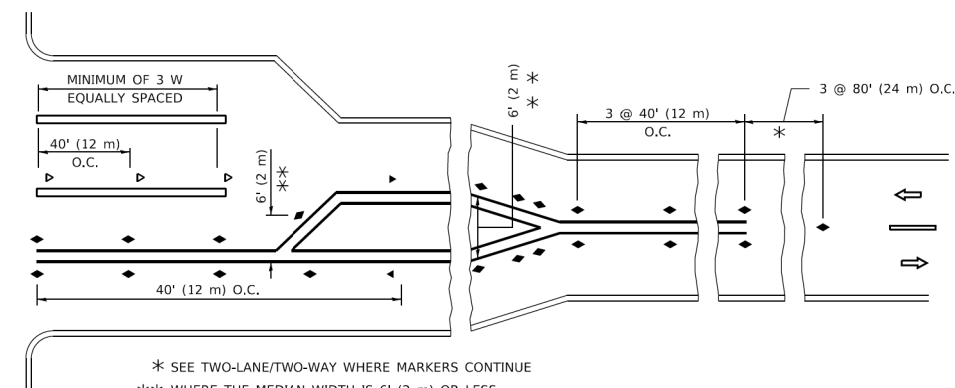
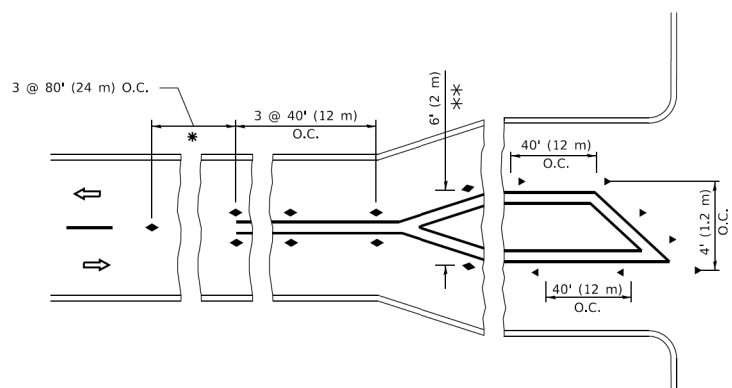
- YELLOW STRIPE
- WHITE STRIPE
- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

- DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
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 PLOT DATE: 3/4/2019 10:29:08 AM
 REVISION: 01-06-00
 FILE NAME: P:\0108\REDLINE\10815\010815\DOT\Office\DOT\Projects\DOT\Office\DOT\10815\010815\CAD\Drawn\CAD\Sheet\10815.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

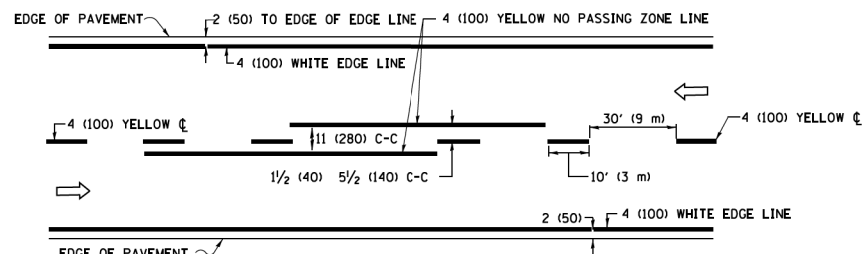
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

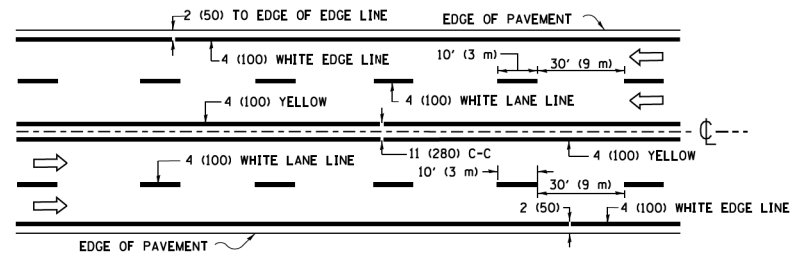
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

All dimensions are in inches (millimeters) unless otherwise shown.

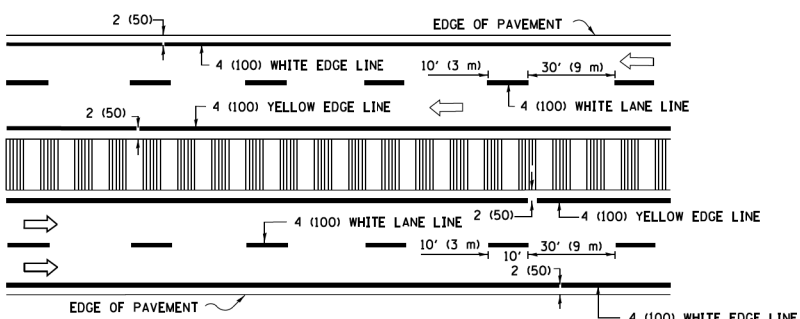
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	104
TC-11			CONTRACT NO. 61K06	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

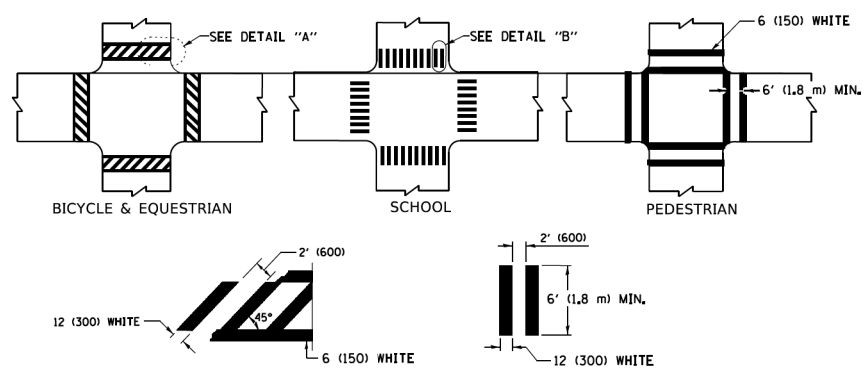


MULTI-LANE UNDIVIDED

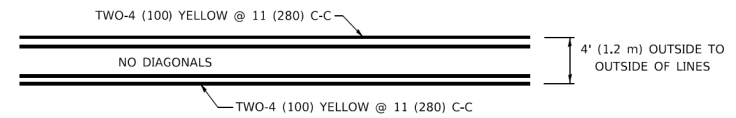


MULTI-LANE DIVIDED WITH MEDIAN

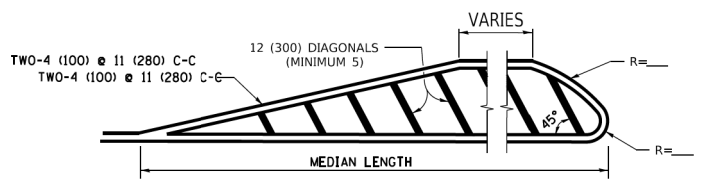
TYPICAL LANE AND EDGE LINE MARKING



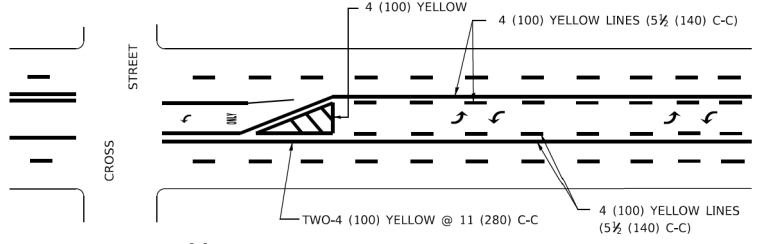
TYPICAL CROSSWALK MARKING



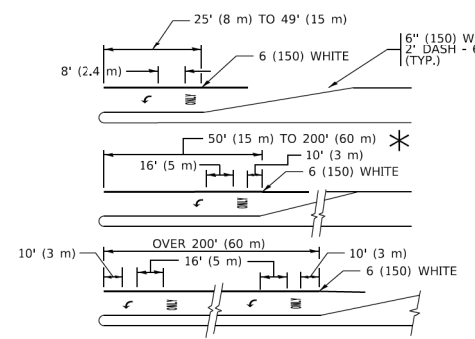
4' (1.2 m) WIDE MEDIANS ONLY



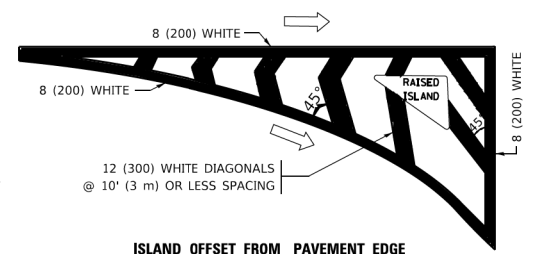
MEDIANS OVER 4' (1.2 m) WIDE



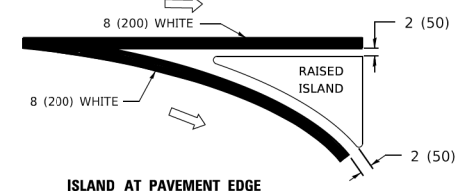
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



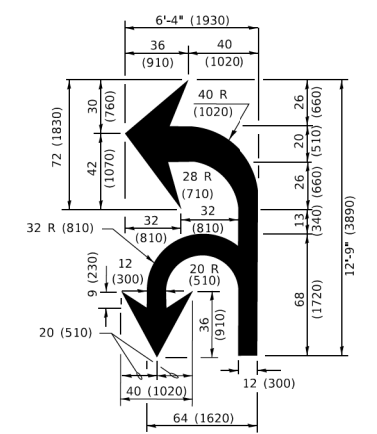
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



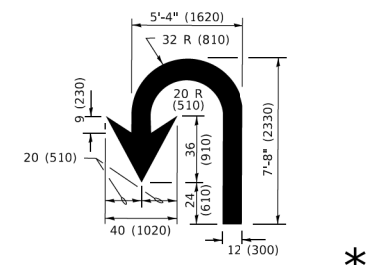
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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	5 1/2 (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; 5 1/2 (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 (30 MPH (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" 15 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 m ² EACH) *X*=54.0 SQ. FT. (5.0 m ²)
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.

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-spr-06-rails-TC3.dgn
 FILE OF: BENCH MARKS
 FILE TABLE: 11/16/13
 FILE NAME: PROJECTS\DOT\Documents\DOT Office\Director\Projects\DOT\11-16-13\CADD\Rail\CD\Sheet\TC3.dgn

USER NAME	DESIGNED	REVISED
= footemj	- EVERS	- C. JUCIUS 09-09-09
	-	- C. JUCIUS 07-01-13
PLOT SCALE = 50.0000" / 1 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.
1321	10-00055-02-WR	COOK	133	105
TC-13		CONTRACT NO. 61K06		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

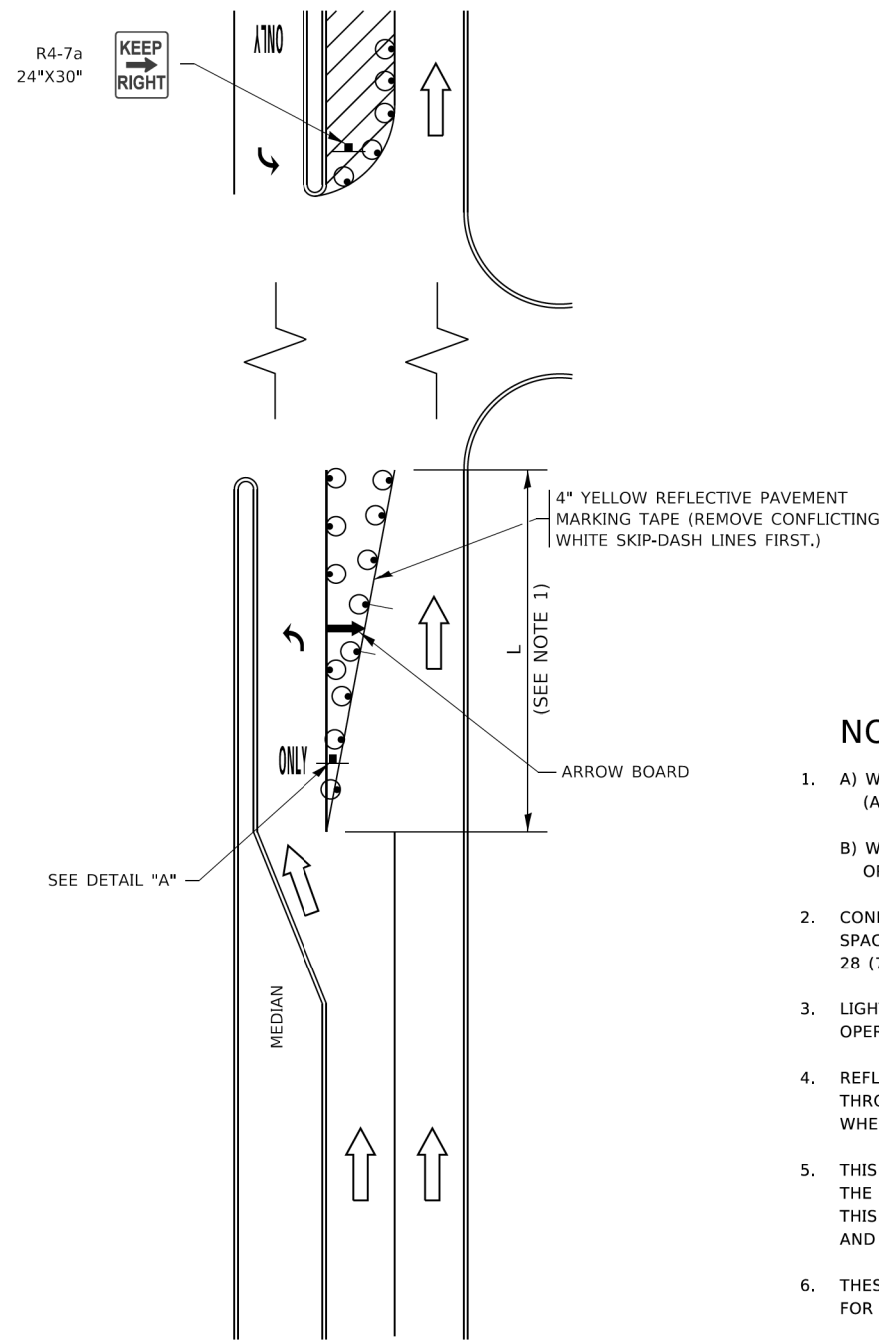


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

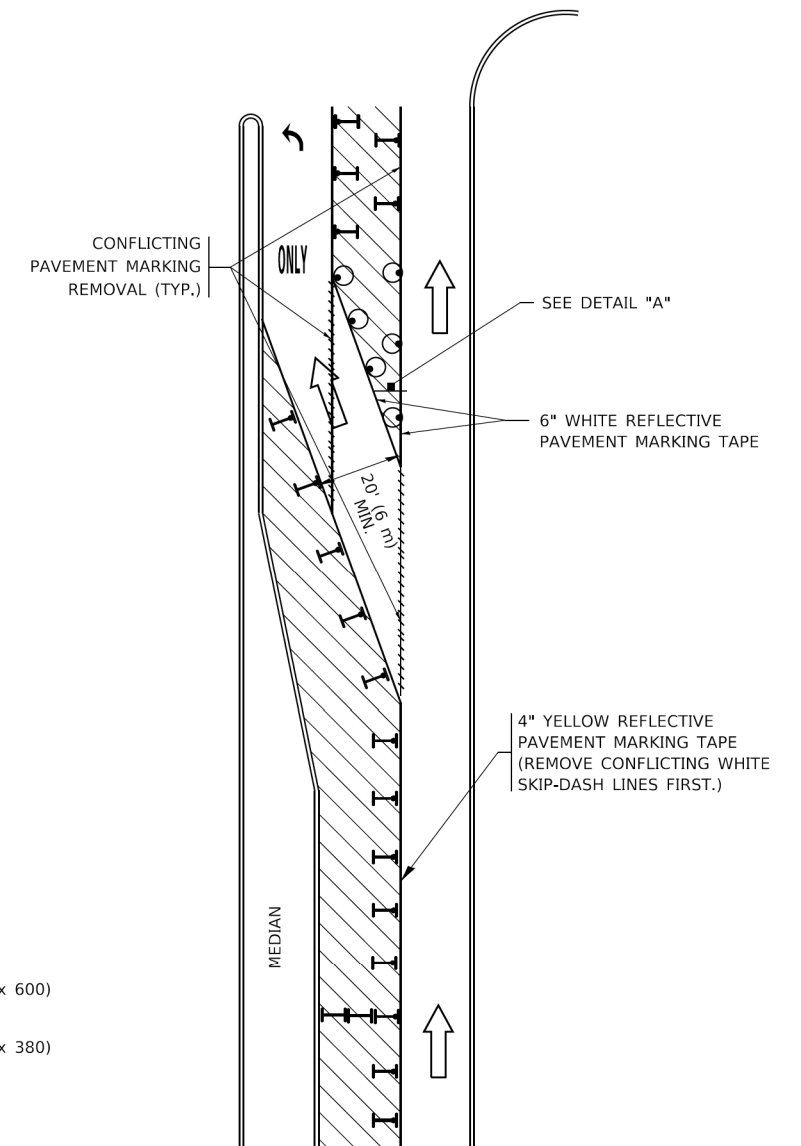


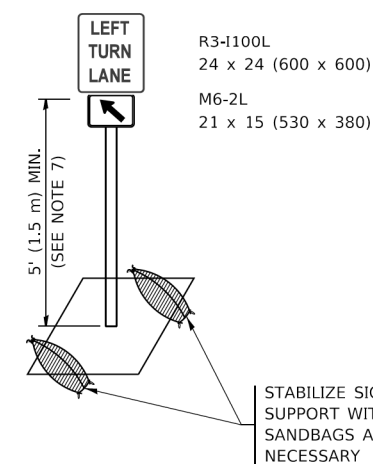
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. 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.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

HRG PROJECT NO: 20045
 HRG PROJ CONTACT:
 FILE NAME: 20045-spr-06-rails-TC4.dgn
 PLOT DATE: 3/4/2019
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 3/4/2019

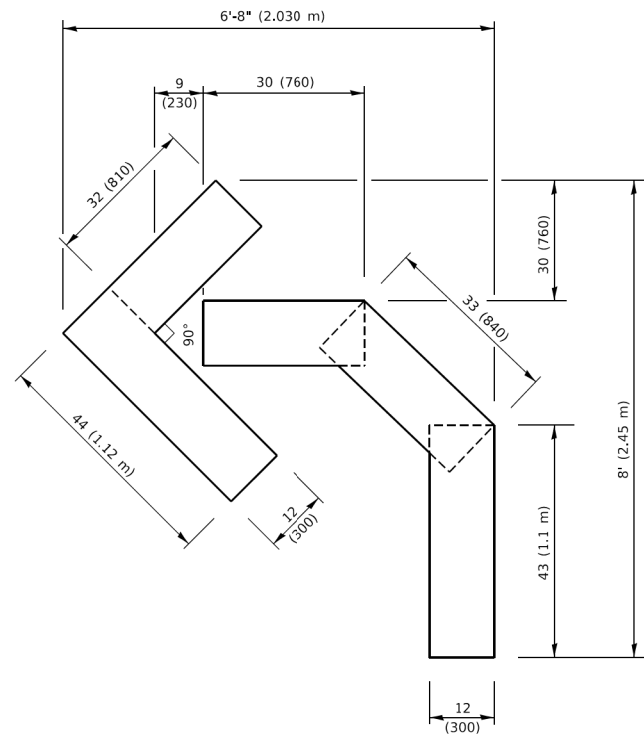
USER NAME = footemj	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 50.0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

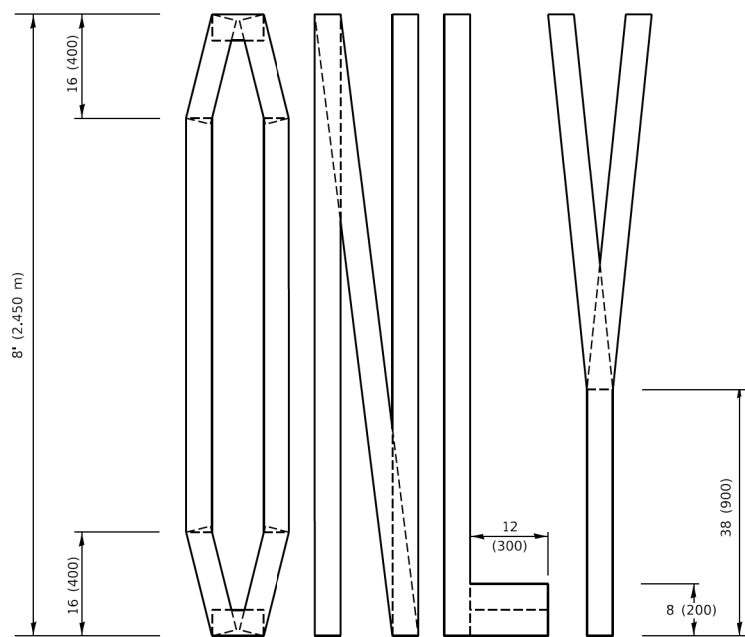
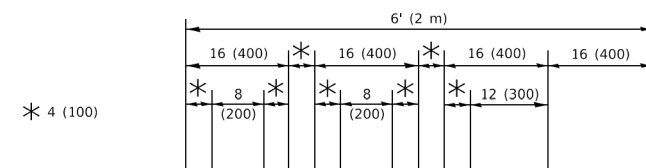
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	106
TC-14		CONTRACT NO. 61K06		
ILLINOIS FED. AID PROJECT				



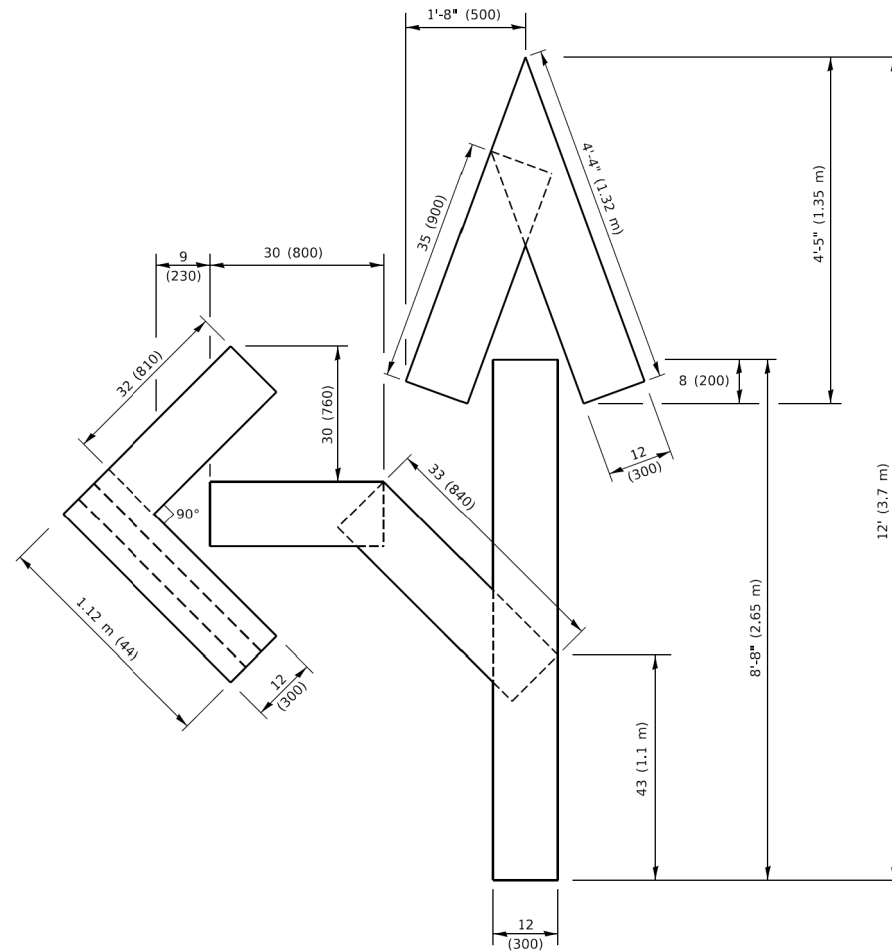
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

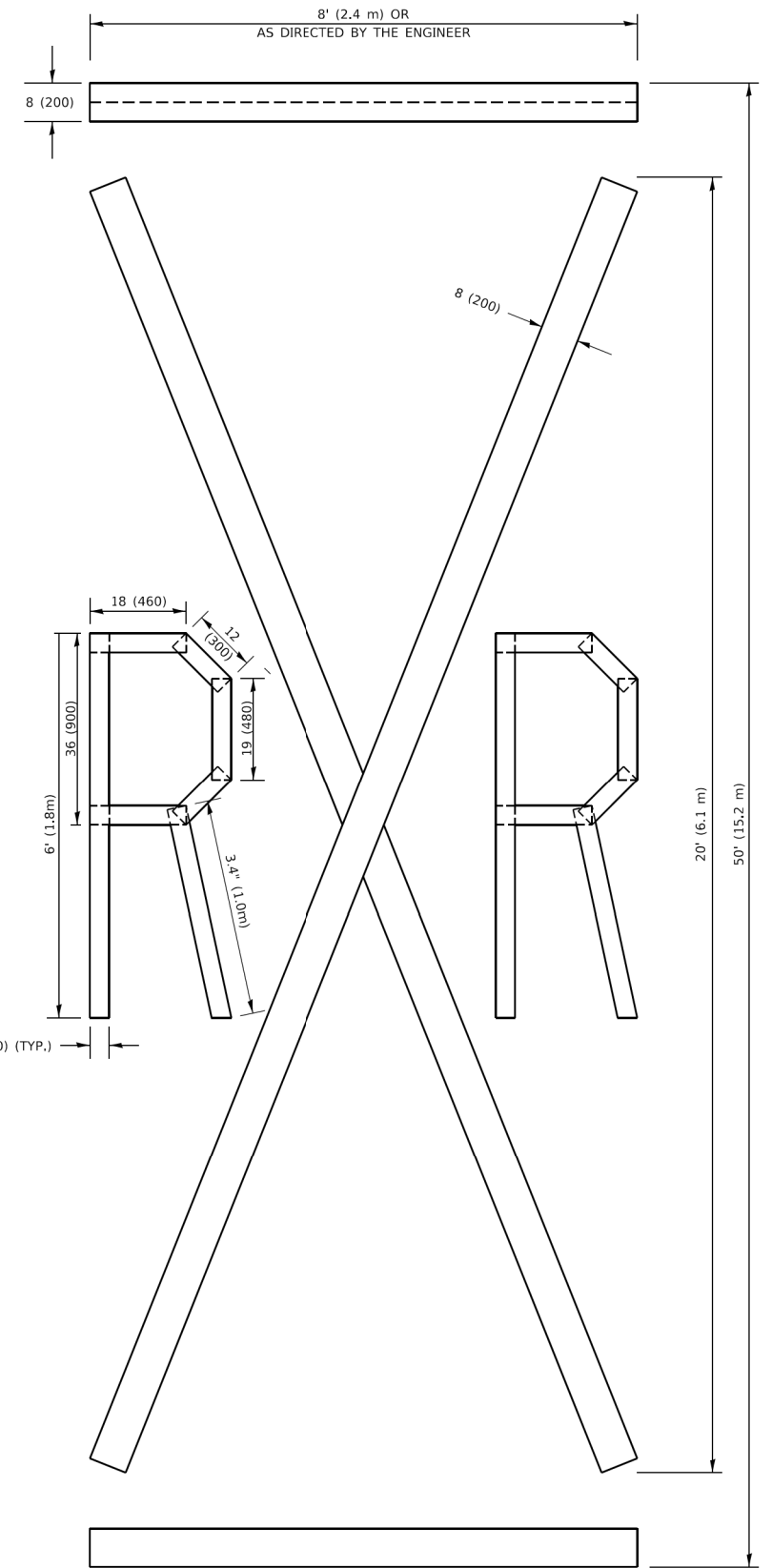


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

HRG PROJECT NO.: 20045
HRG PROJ. CONTACT:
FILE NAME: 20045-SPT-Details-TC16.dgn
PLOT DATE: 3/4/2019 10:37:35 AM User: fadim

FILE NAME: P:\1108\FID\INTEG\Illinois.gov\SRWIDOT\Documents\DOT_Offices\Bartlett_1\Projects\DOT\SR22-24\CAD\DATA\CAD\Sheets\12.16.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068" / ft.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

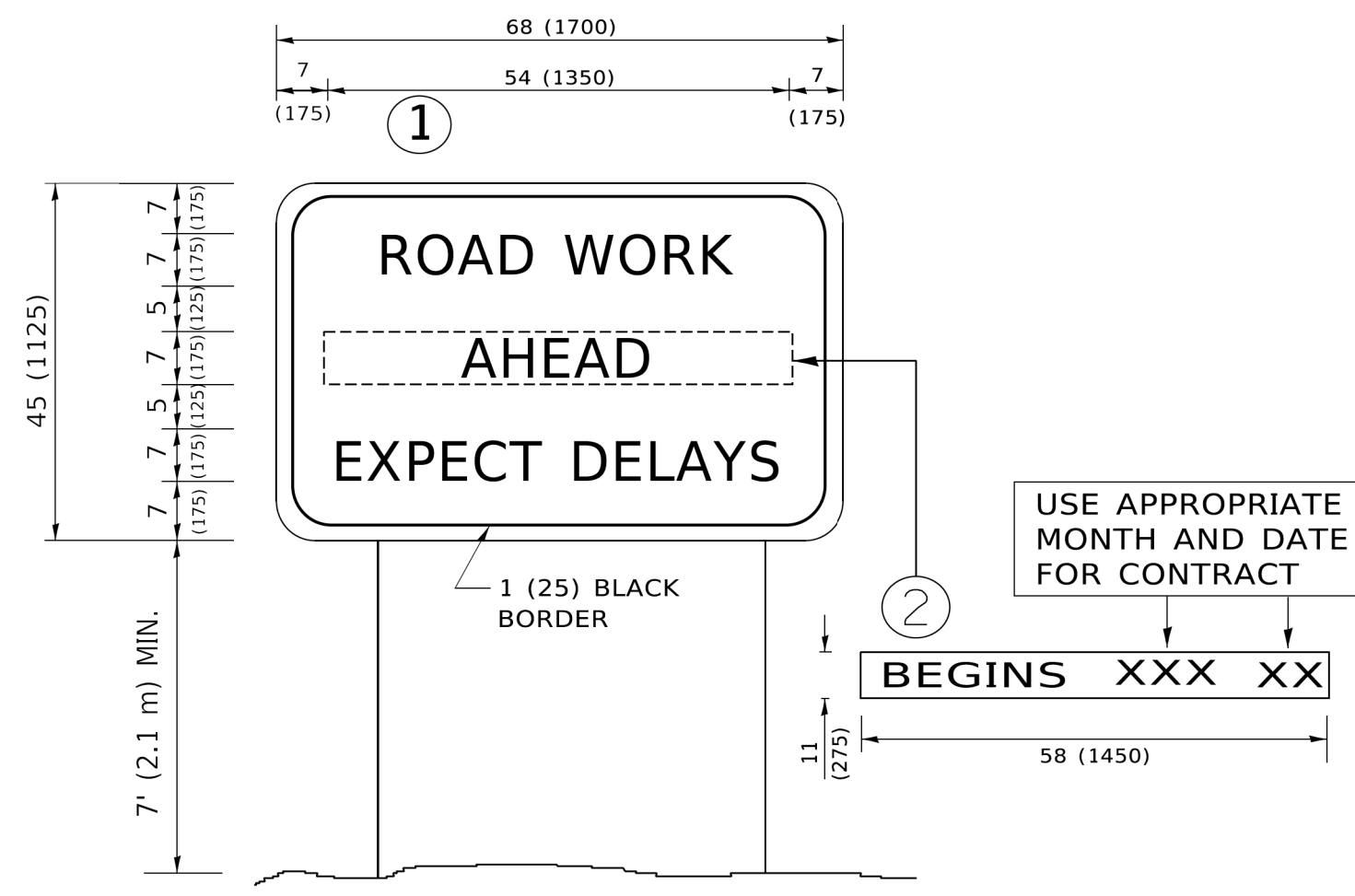
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	107
TC-16		CONTRACT NO. 61K06		
ILLINOIS FED. AID PROJECT				

HRG PROJECT NO: 20045
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 PLOT DATE: 3/4/2019 10:48:10 AM
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 FILE NAME: P:\1108\BIDDING\TEC\Illinois.gov\RW\DOT\Documents\DOT Offices\District 1\Projects\DH\5423-21\CADD\RA\CAD\sheet1C22.dgn



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.

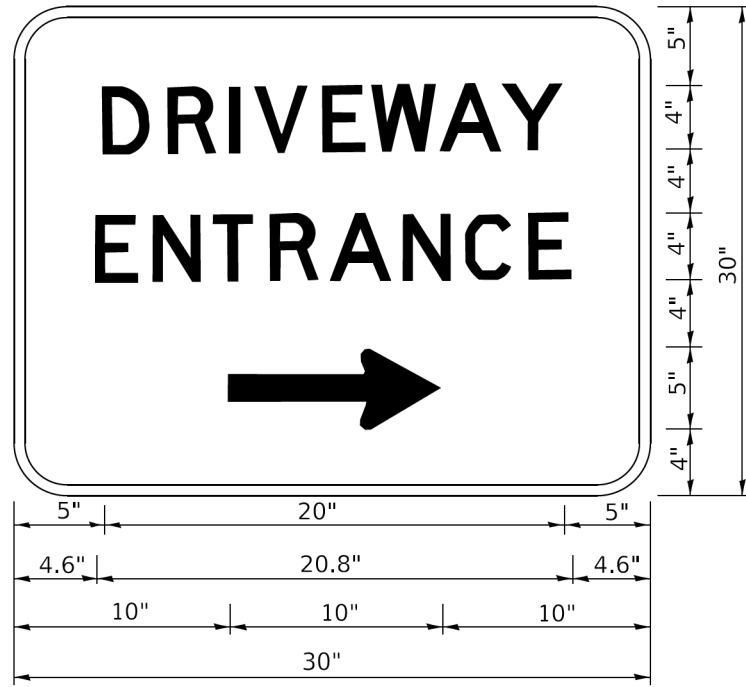
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	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.
1321	10-00055-02-WR	COOK	133	108
TC-22		CONTRACT NO. 61K06		
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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 HRG PROJ CONTACT:
 FILE NAME: 20045-SPT-06-rails-TC26.dgn
 PLOT DATE: 3/4/2019 10:59:25 AM
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	DRAWN -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

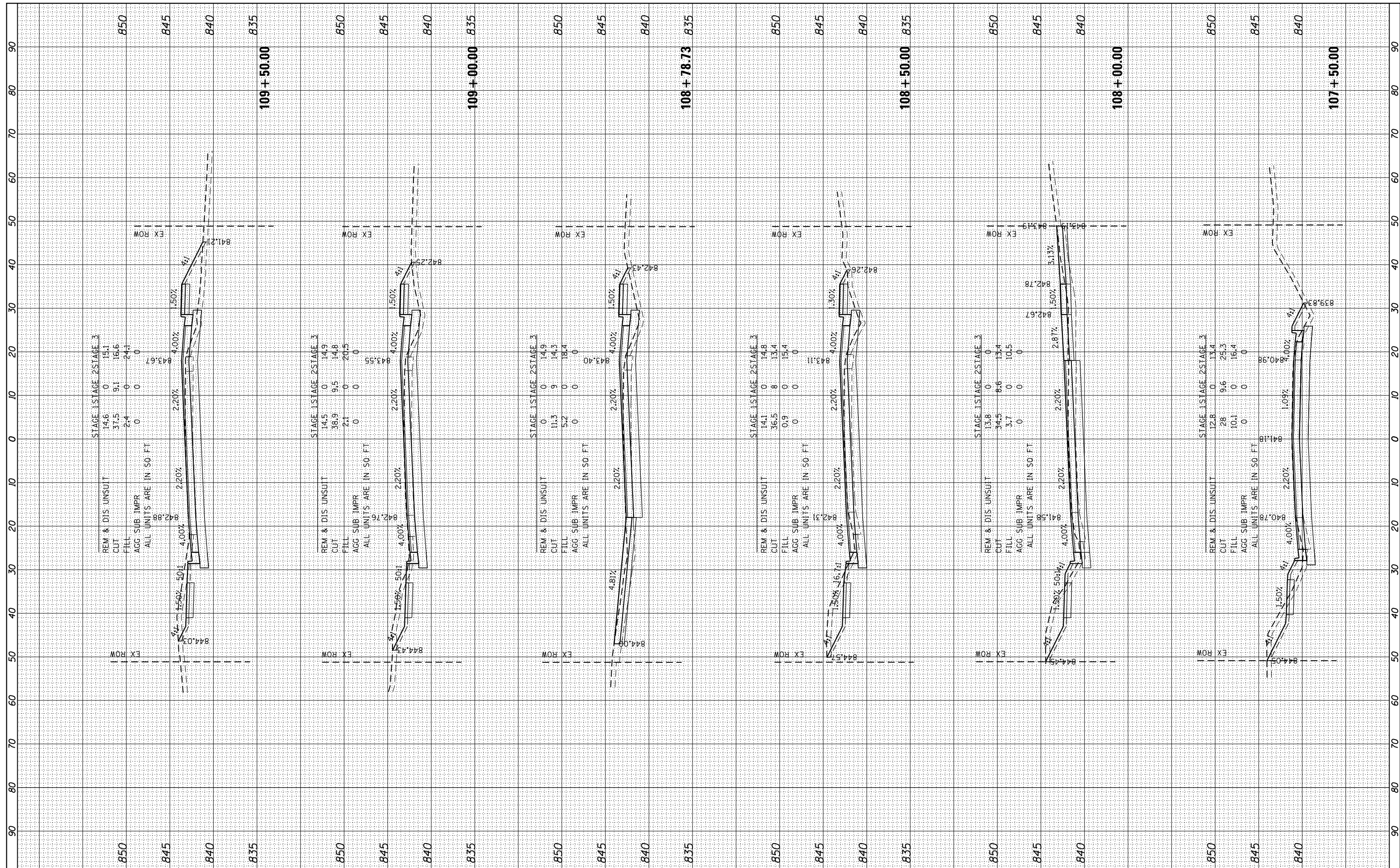
DRIVEWAY ENTRANCE SIGNING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	109
TC-26			CONTRACT NO. 61K06	
ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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 CHECKED - TEH
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

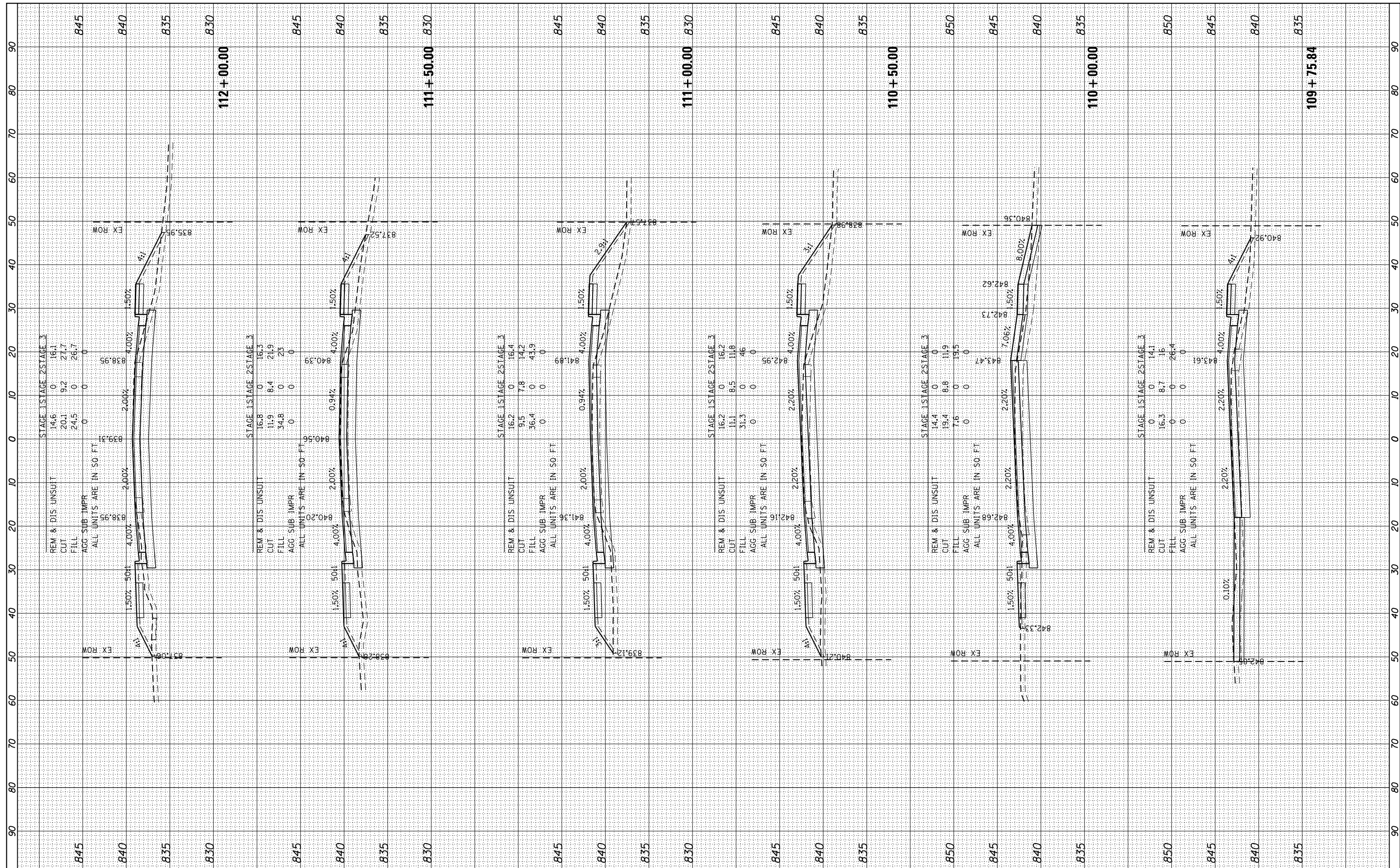
PROPOSED CROSS SECTIONS
 IL RTE 19 (IRVING PARK RD)

SCALE: 10H:5V SHEET 1 OF 24 SHEETS STA. 107+50.00 TO STA. 109+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	110
CONTRACT NO.			61K06	
ILLINOIS FED. AID PROJECT				

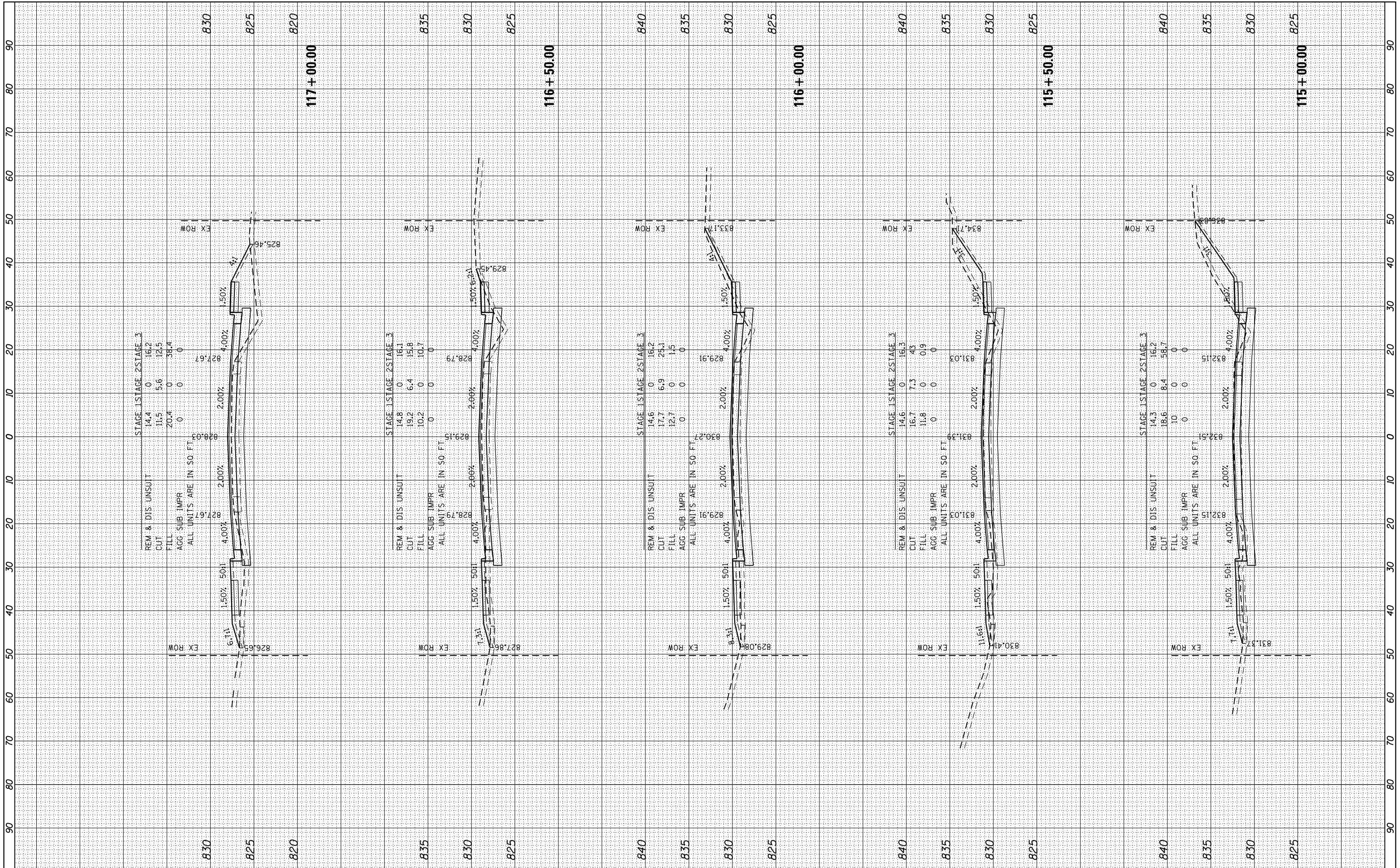
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
NO.		



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DESIGNED -	REVISED -
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DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

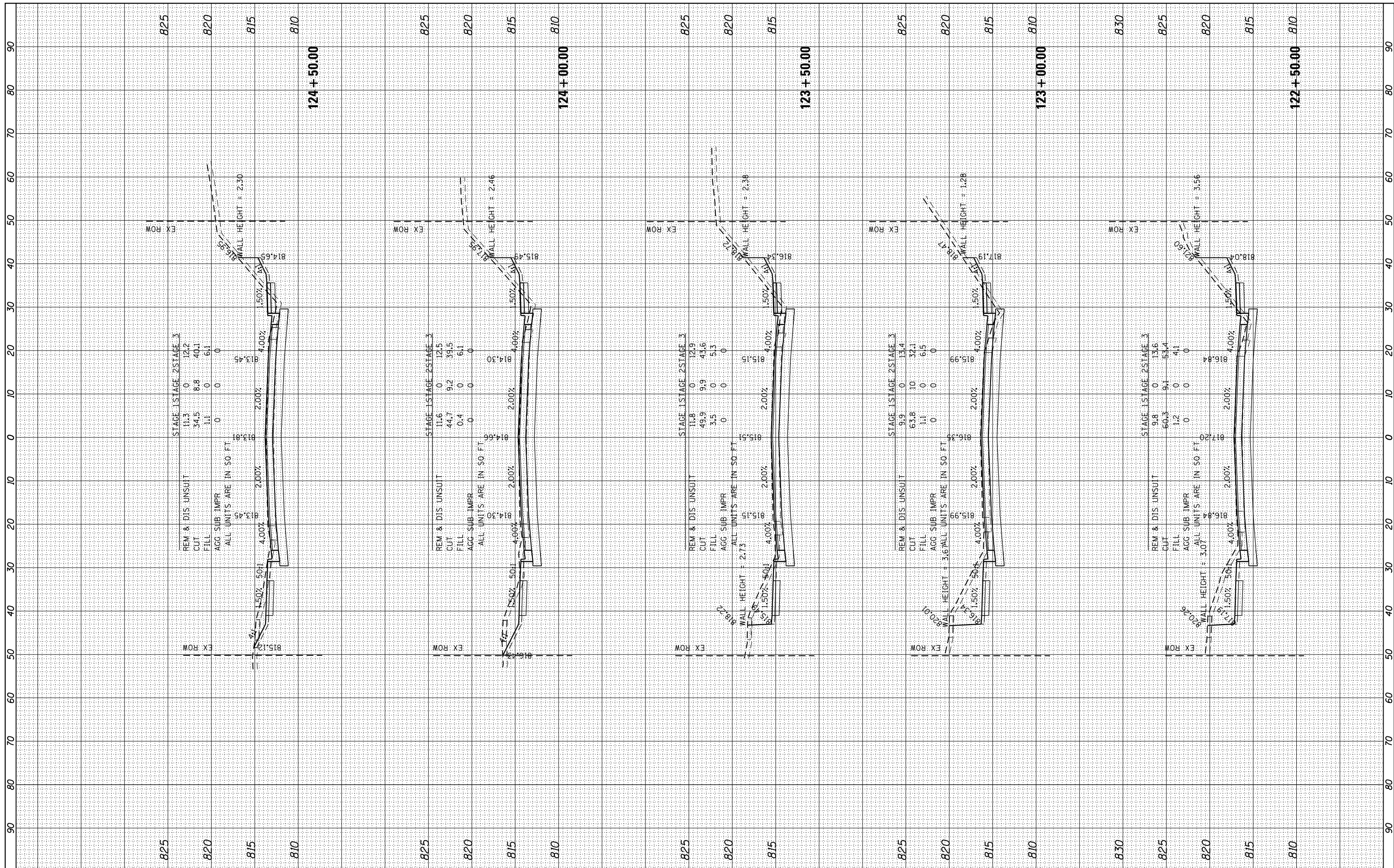
SCALE: 10H:5V	
SHEET 4 OF 24 SHEETS	STA. 115+00.00 TO STA. 117+00.00

**PROPOSED CROSS SECTIONS
IL RTE 19 (IRVING PARK RD)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	113
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

BY	DATE
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED

BY	DATE
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED

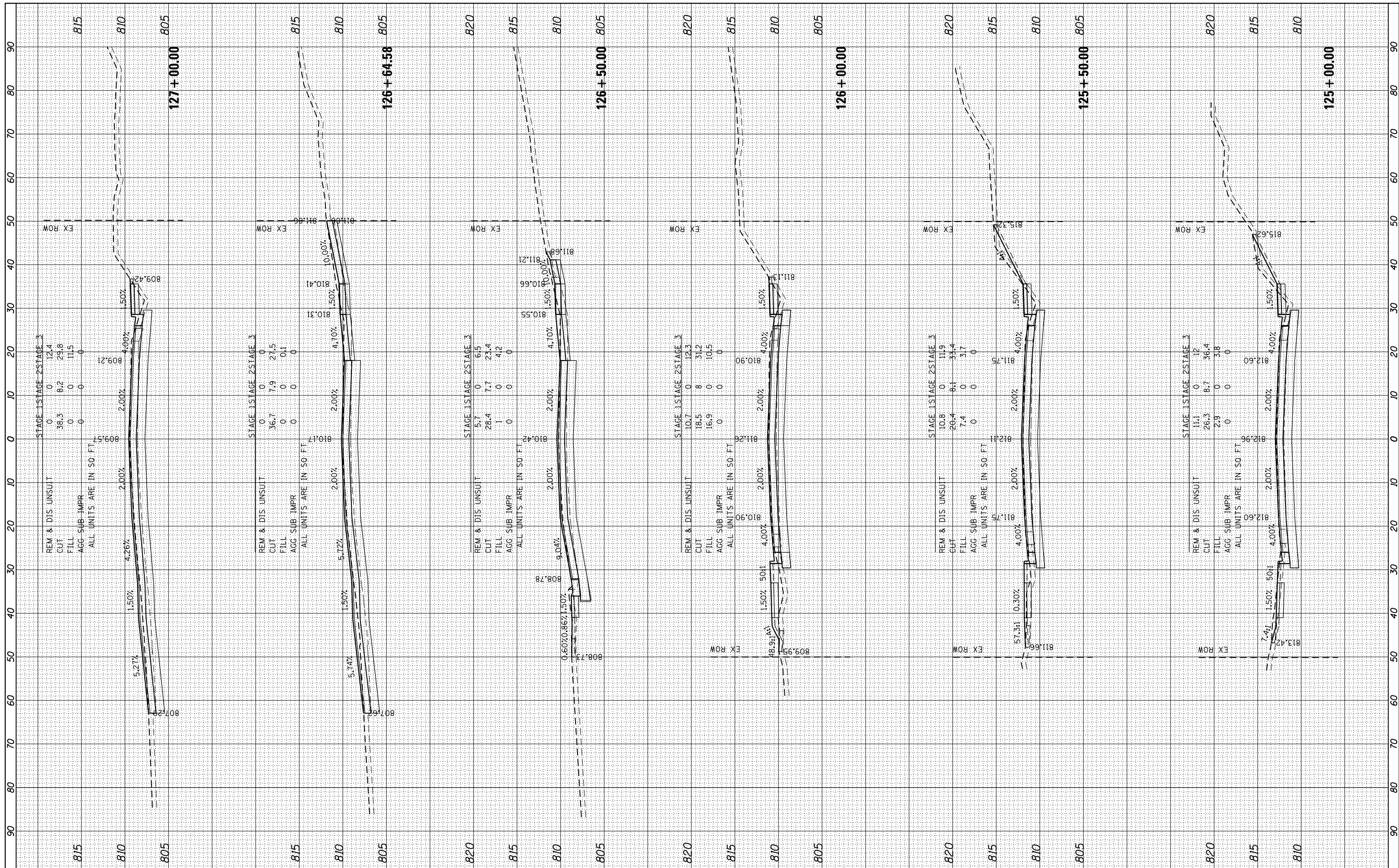


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		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

SCALE: 10H:5V SHEET 7 OF 24 SHEETS STA. 122+50.00 TO STA.124+50.00

BY	DATE
FINISHED SURVEY PLOTTED TEMPLATE AREAS CHECKED	SURVEYED PLOTTED TEMPLATE AREAS CHECKED
NO.	NO.

BY	DATE
ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED	SURVEYED PLOTTED TEMPLATE AREAS CHECKED
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DRAWN - W/JH
CHECKED - TEH
DATE -

REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED CROSS SECTIONS
IL RTE 19 (IRVING PARK RD)**

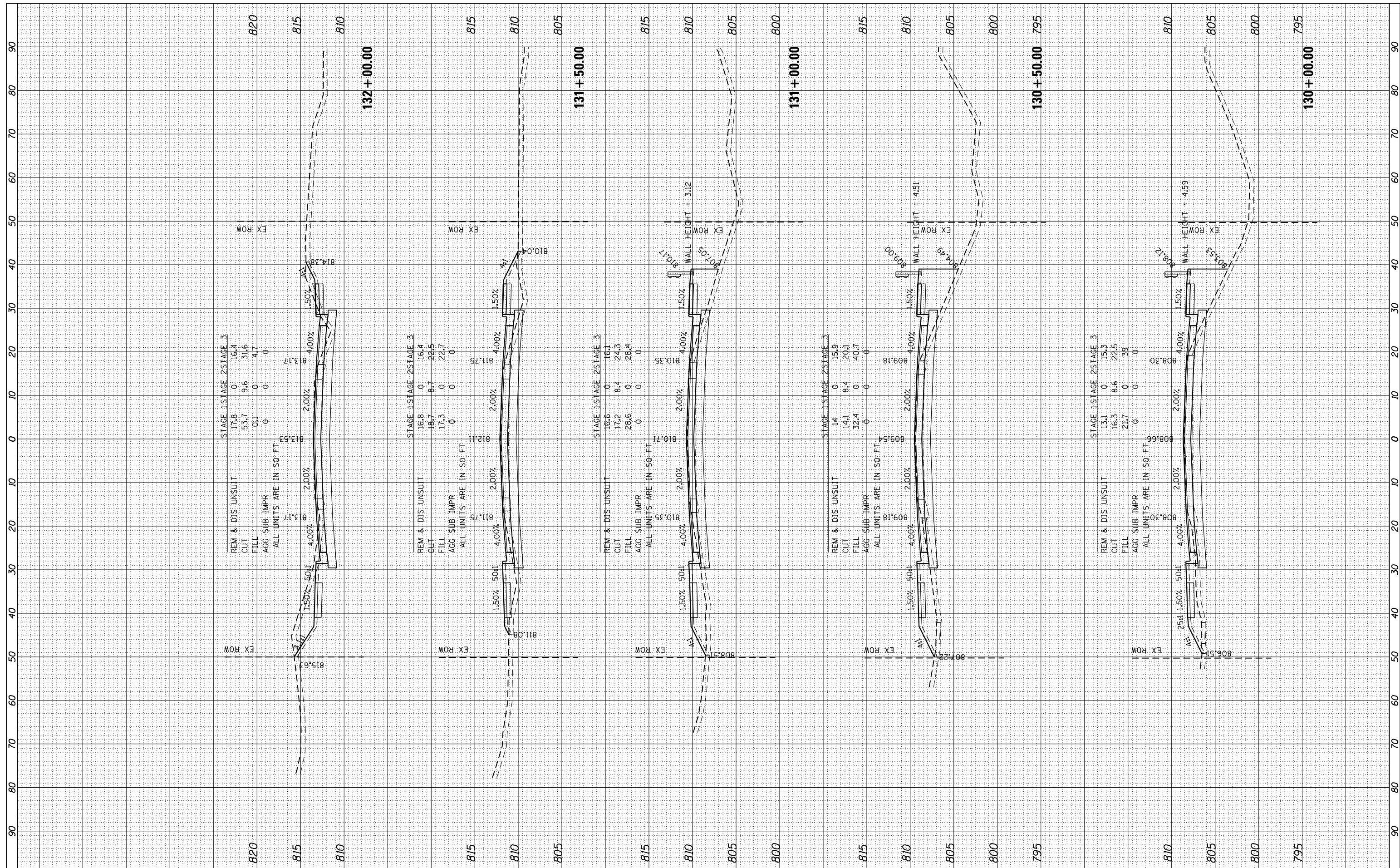
SCALE: 10H:5V SHEET 8 OF 24 SHEETS STA. 125+00.00 TO STA. 127+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	117

CONTRACT NO. 61K06
ILLINOIS FED. AID PROJECT

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS
	CHECKED



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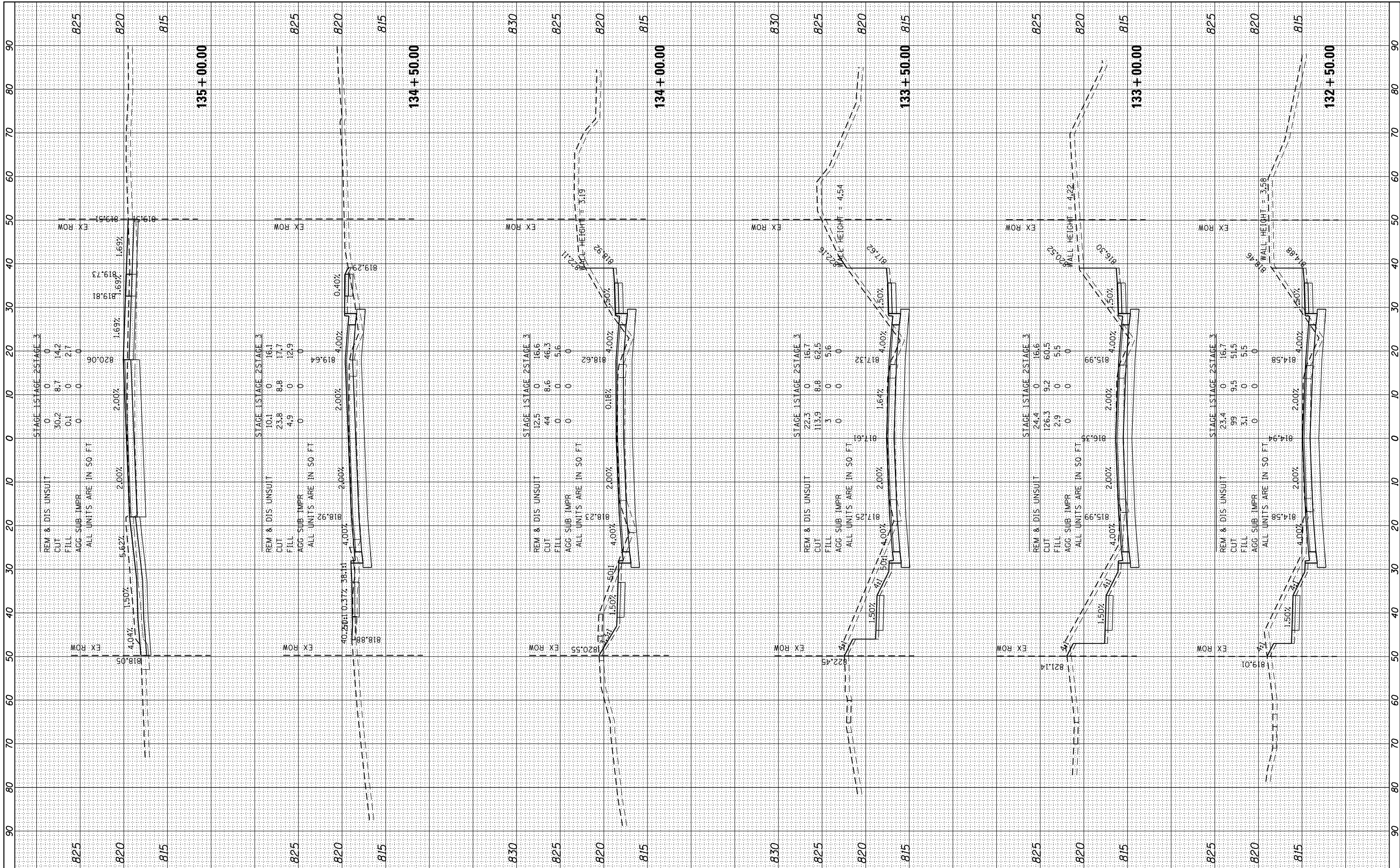
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED CROSS SECTIONS
 IL RTE 19 (IRVING PARK RD)**
 SCALE: 10H:5V SHEET 10 OF 24 SHEETS STA. 130+00.00 TO STA. 132+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	119
CONTRACT NO.			61K06	
ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED CROSS SECTIONS
IL RTE 19 (IRVING PARK RD)**

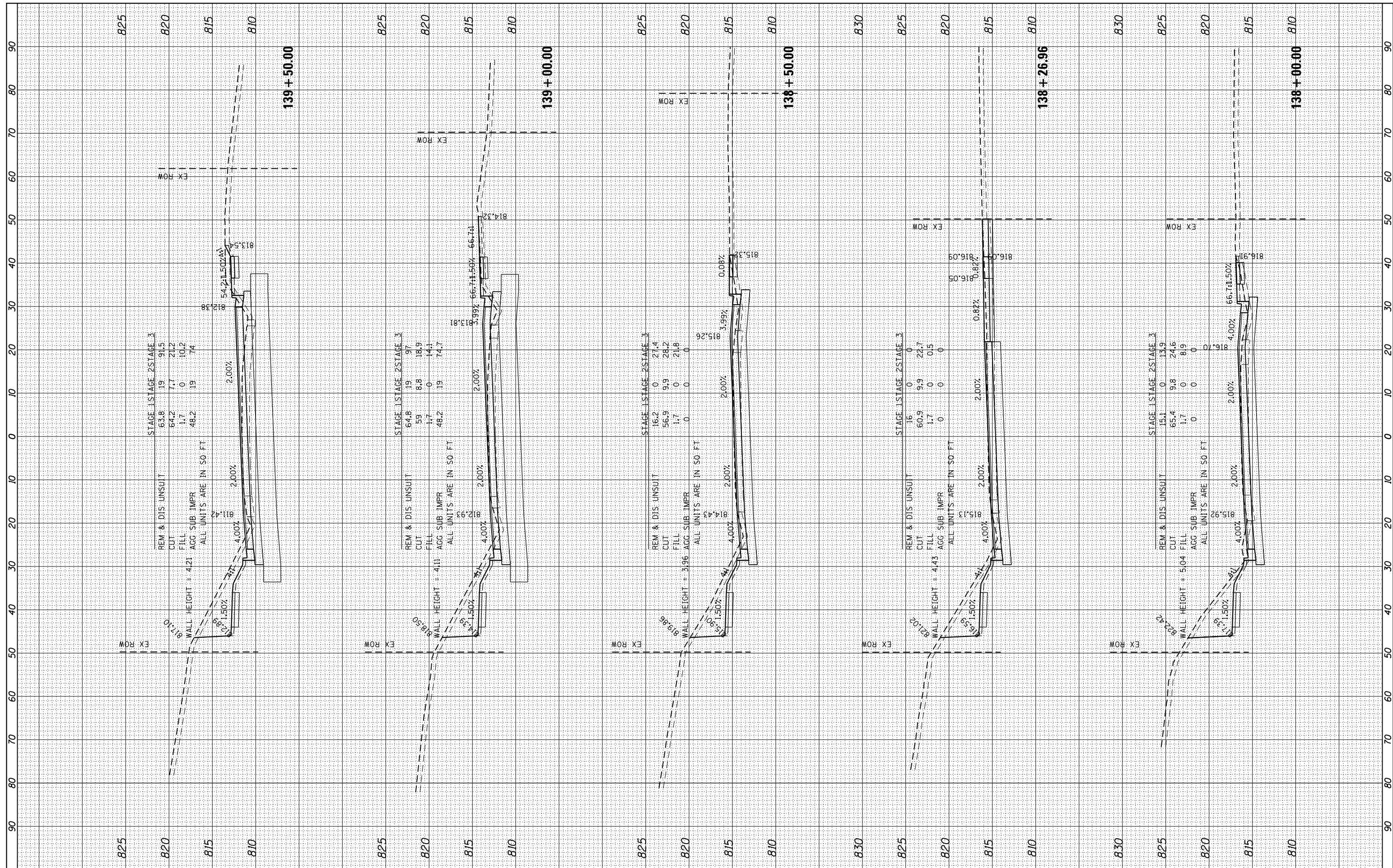
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	120
CONTRACT NO.			61K06	

ILLINOIS FED. AID PROJECT

BY	DATE
FINL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

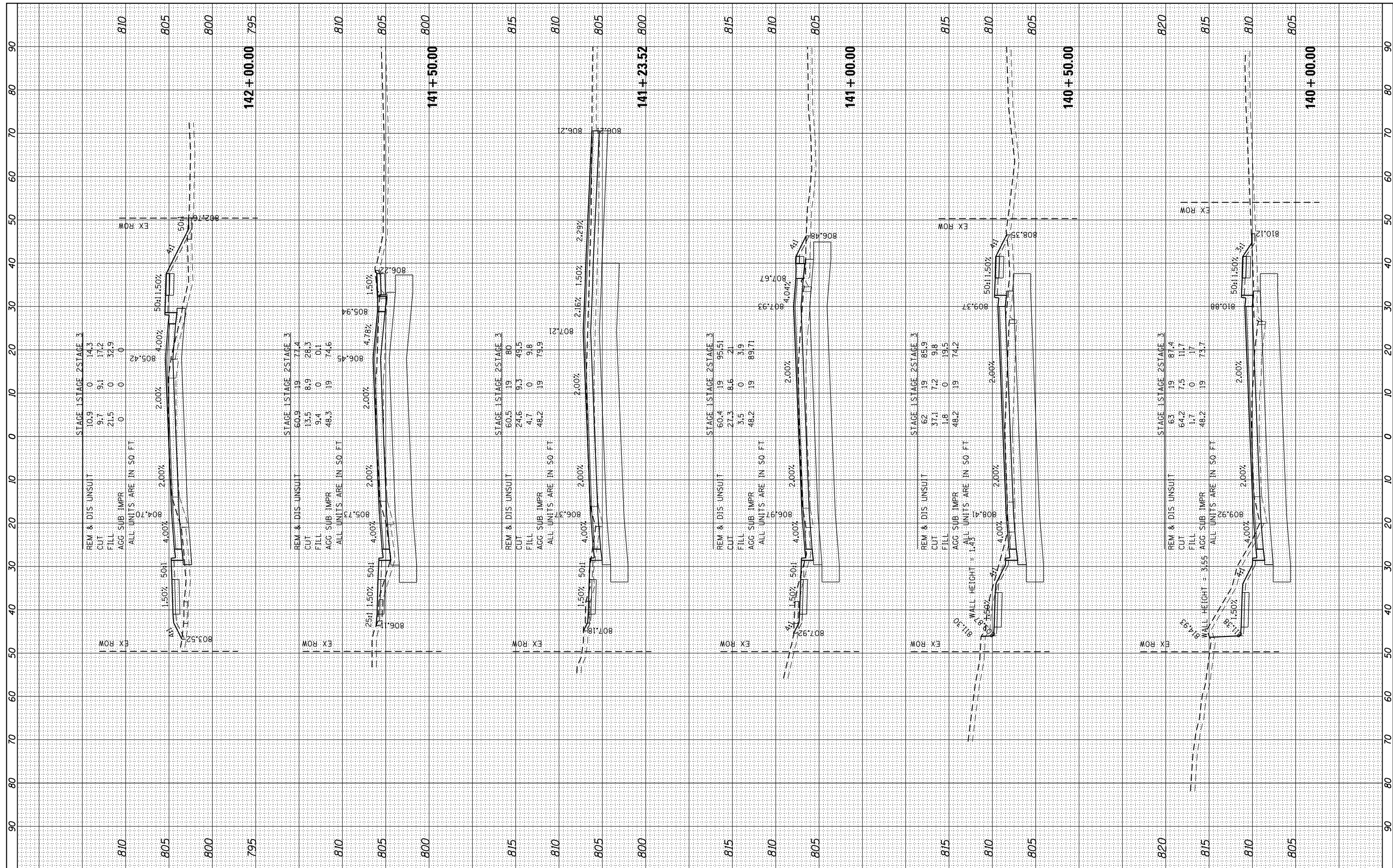
SCALE: 10H:5V
 SHEET 13 OF 24 SHEETS
 STA. 138+00.00 TO STA. 139+50.00

PROPOSED CROSS SECTIONS
 IL RTE 19 (IRVING PARK RD)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	122
CONTRACT NO.			61K06	
ILLINOIS FED. AID PROJECT				

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	TEMPLATE
	AREAS CHECKED



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

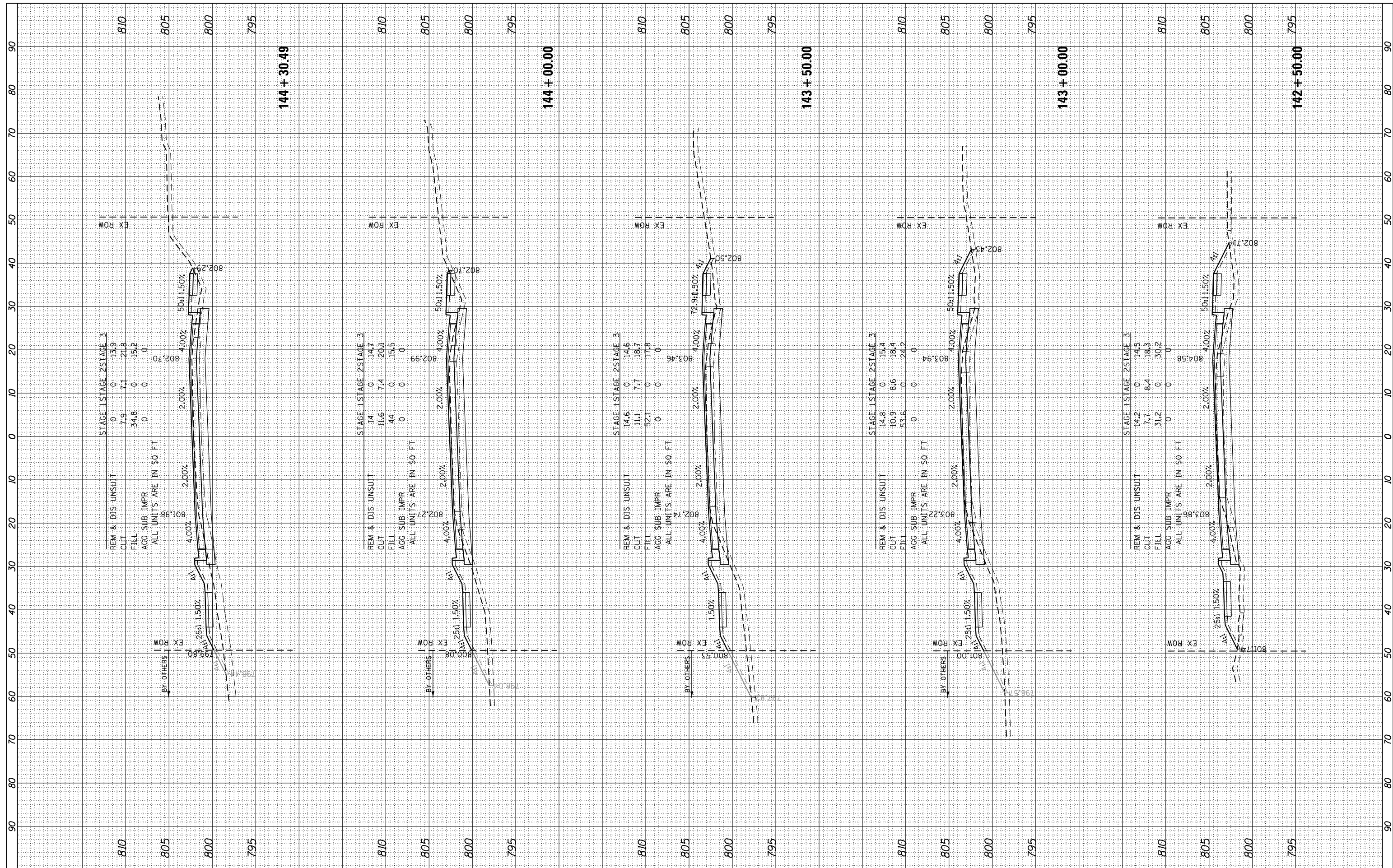
**PROPOSED CROSS SECTIONS
IL RTE 19 (IRVING PARK RD)**

SCALE: 10H:5V SHEET 14 OF 24 SHEETS STA. 140+00.00 TO STA. 142+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	123
CONTRACT NO.			61K06	
ILLINOIS FED. AID PROJECT				

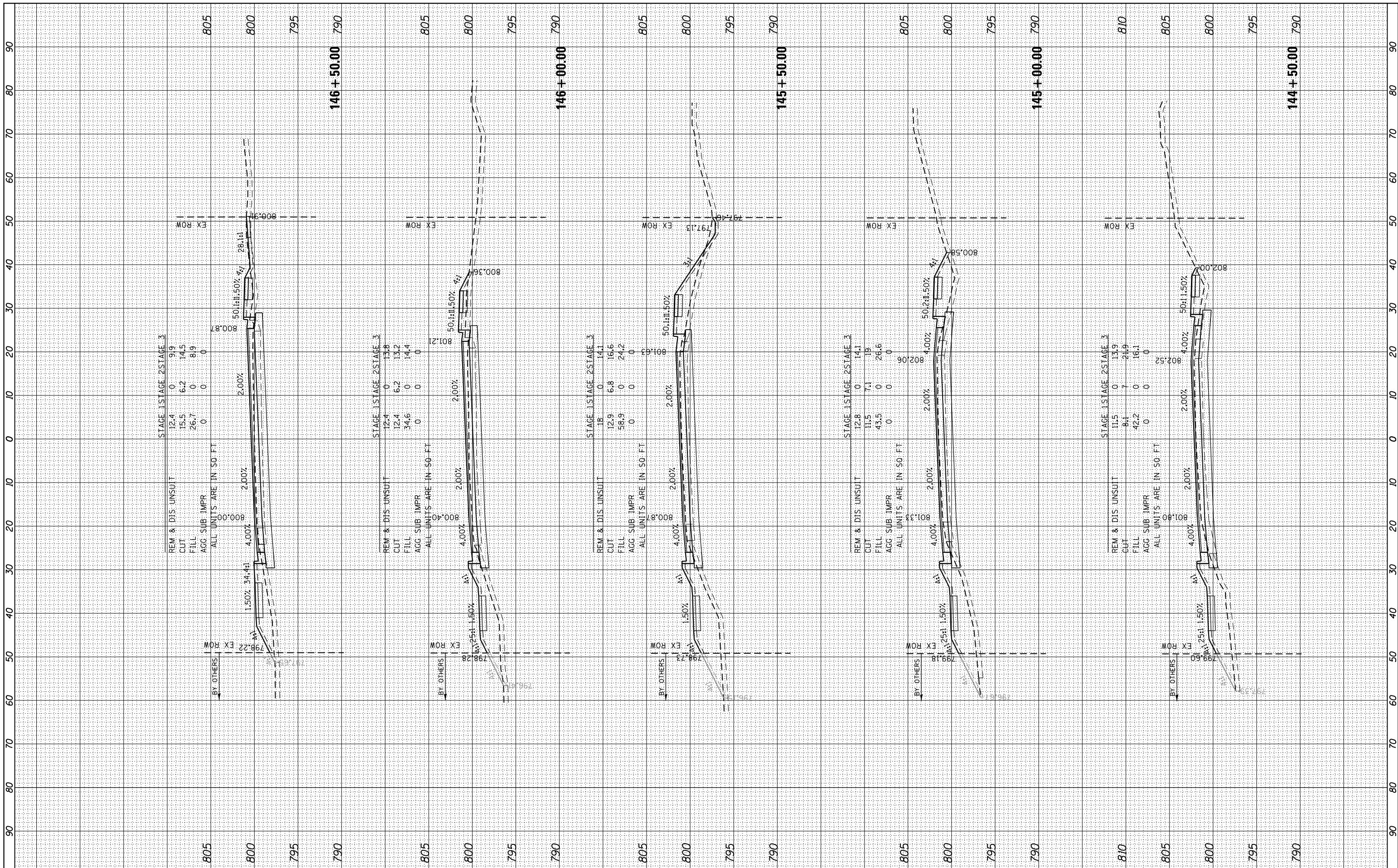
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BY: _____ DATE: _____
 ORIGINAL SURVEY: _____
 PLOTTED: _____
 TEMPLATE: _____
 NO. _____ AREAS CHECKED: _____



BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



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 CHECKED - TEH
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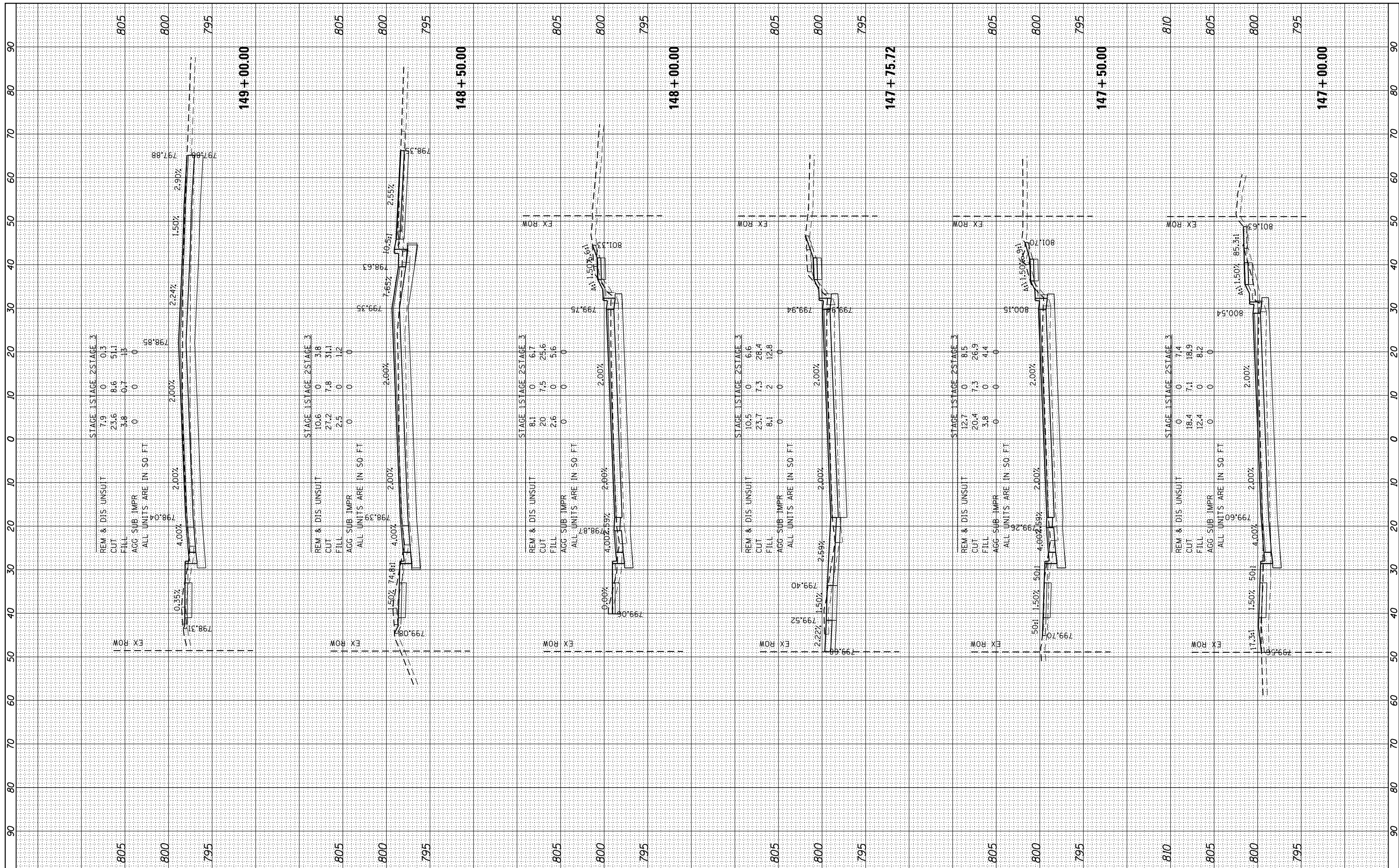
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED CROSS SECTIONS
 IL RTE 19 (IRVING PARK RD)**
 SCALE: 10H:5V SHEET 16 OF 24 SHEETS STA. 144+50.00 TO STA. 146+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	125
CONTRACT NO.			61K06	
ILLINOIS FED. AID PROJECT				

BY: _____ DATE: _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NO. _____ AREAS CHECKED _____

BY: _____ DATE: _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NO. _____ AREAS CHECKED _____



FILE NAME = _____
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 #MODELNAME# _____

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 PLOT SCALE = #SCALE# _____
 PLOT DATE = #DATE# _____

DESIGNED - _____
 DRAWN - W/JH _____
 CHECKED - TEH _____
 DATE - _____

REVISED - _____
 REVISED - _____
 REVISED - _____
 REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

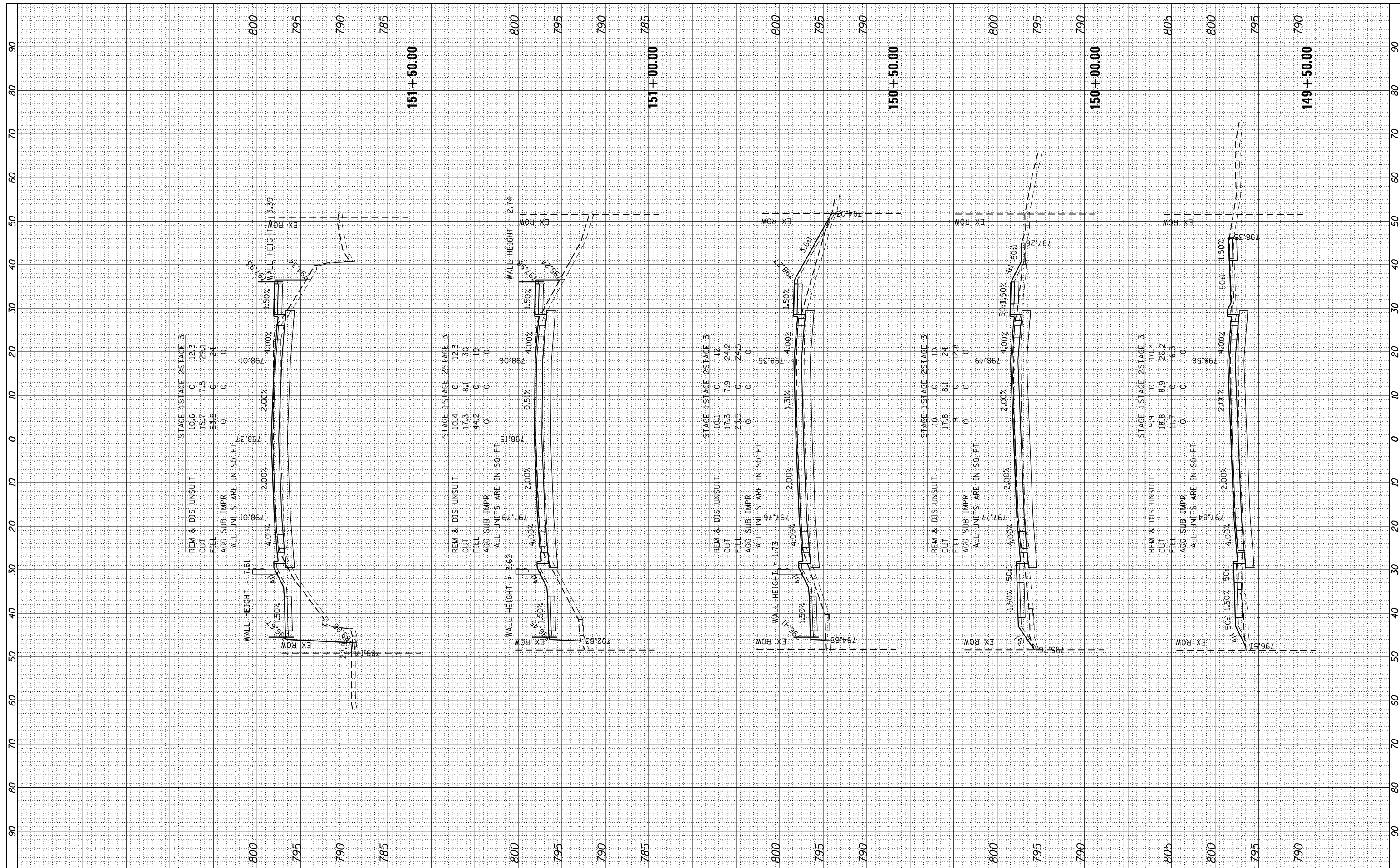
**PROPOSED CROSS SECTIONS
 IL RTE 19 (IRVING PARK RD)**

SCALE: 10H:5V SHEET 17 OF 24 SHEETS STA. 147+00.00 TO STA. 149+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	126
CONTRACT NO.			61K06	

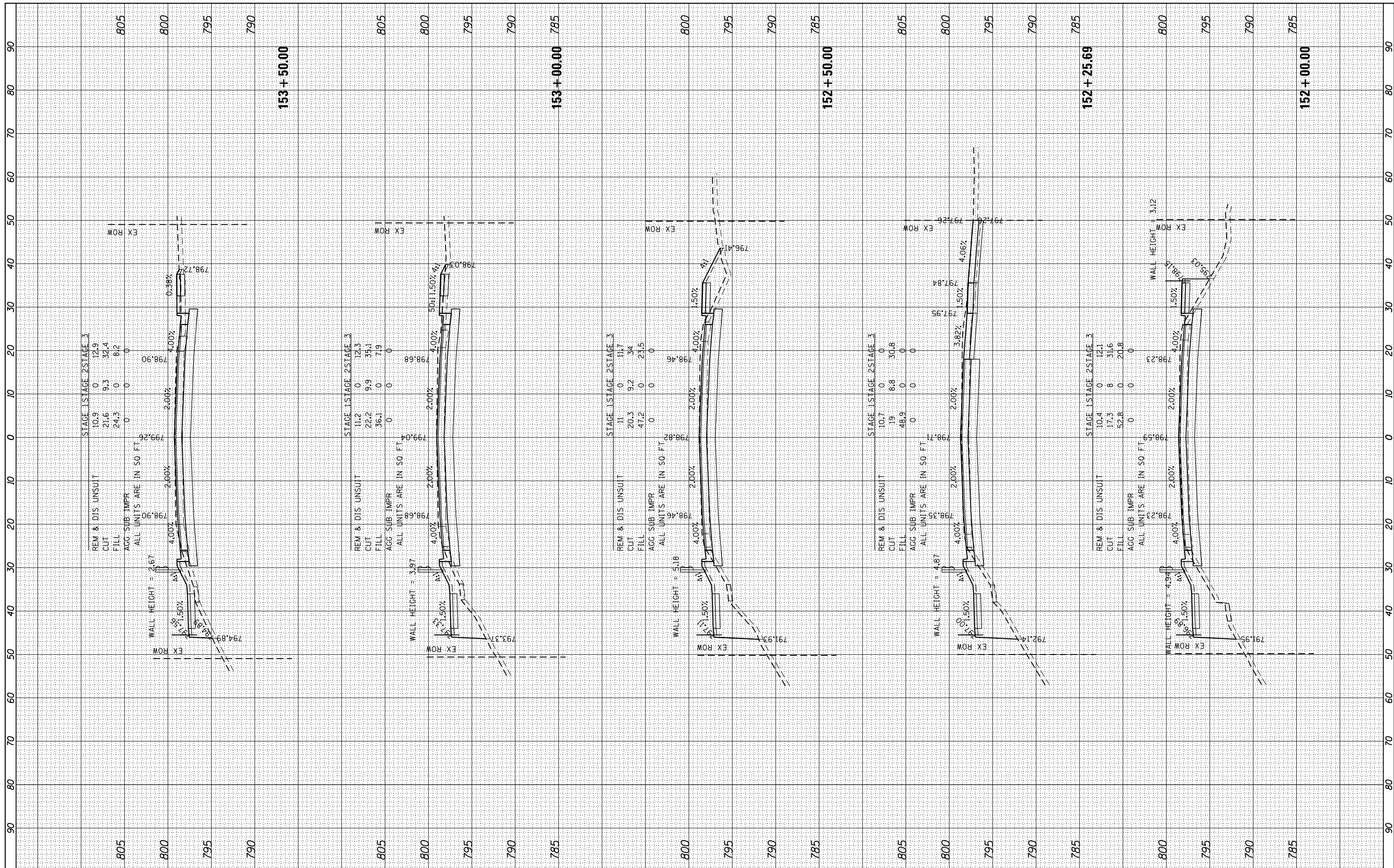
BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =
 #FILEL#
 #MODELNAME#

USER NAME = #USER#
 PLOT SCALE = #SCALE#
 PLOT DATE = #DATE#

DESIGNED -
 DRAWN - WJH
 CHECKED - TEH
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

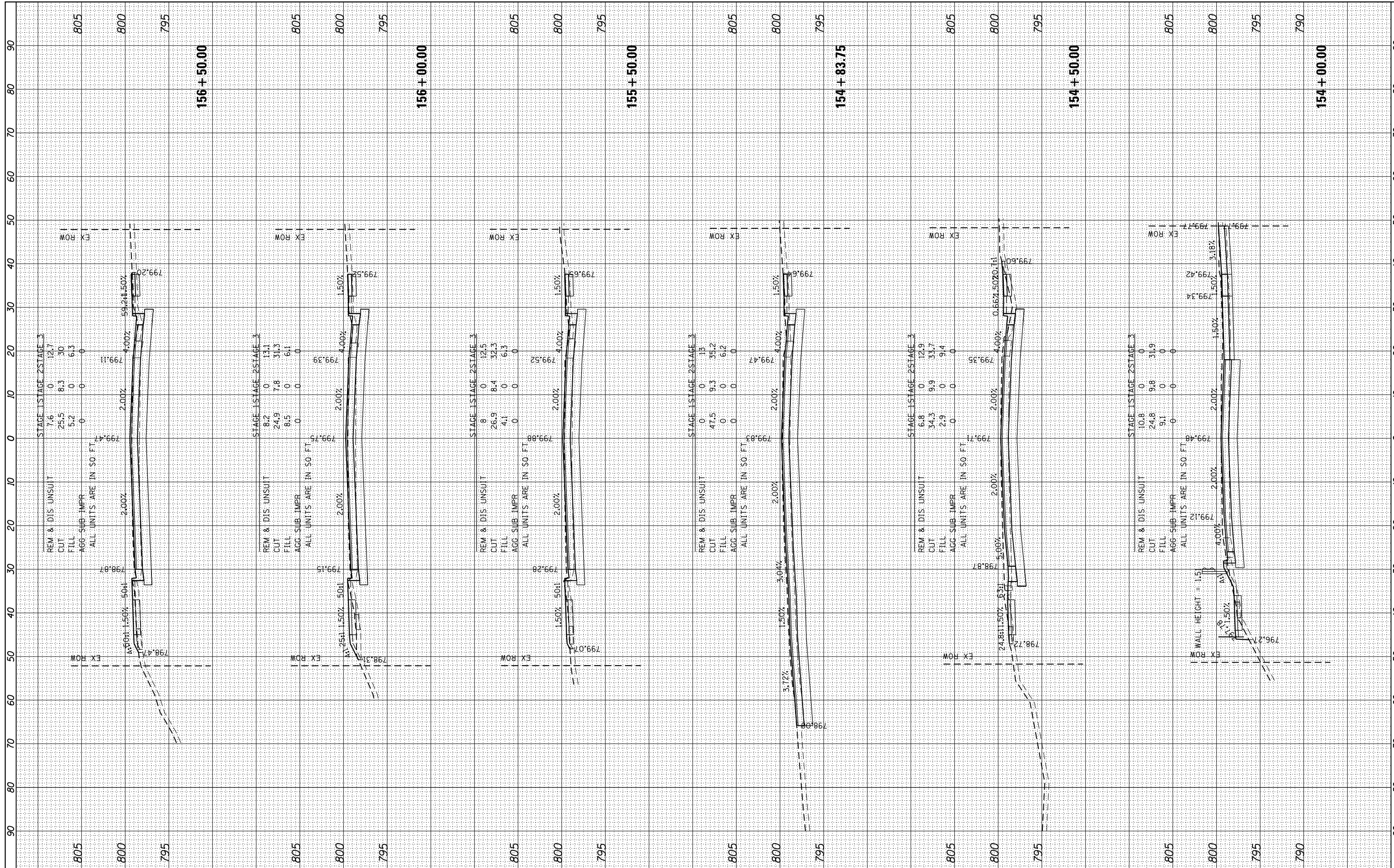
**PROPOSED CROSS SECTIONS
 IL RTE 19 (IRVING PARK RD)**

SCALE: 10H:5V SHEET 19 OF 24 SHEETS STA. 152+00.00 TO STA. 153+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	128
CONTRACT NO.			61K06	
ILLINOIS FED. AID PROJECT				

BY: _____ DATE: _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

BY: _____ DATE: _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



FILE NAME = _____
 #FILE# _____
 #MODELNAME# _____

USER NAME = #USER#
 PLOT SCALE = #SCALE#
 PLOT DATE = #DATE#

DESIGNED - _____
 DRAWN - WJH
 CHECKED - TEH
 DATE - _____

REVISED - _____
 REVISED - _____
 REVISED - _____
 REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 10H:5V SHEET 20 OF 24 SHEETS STA. 154+00.00 TO STA. 156+50.00

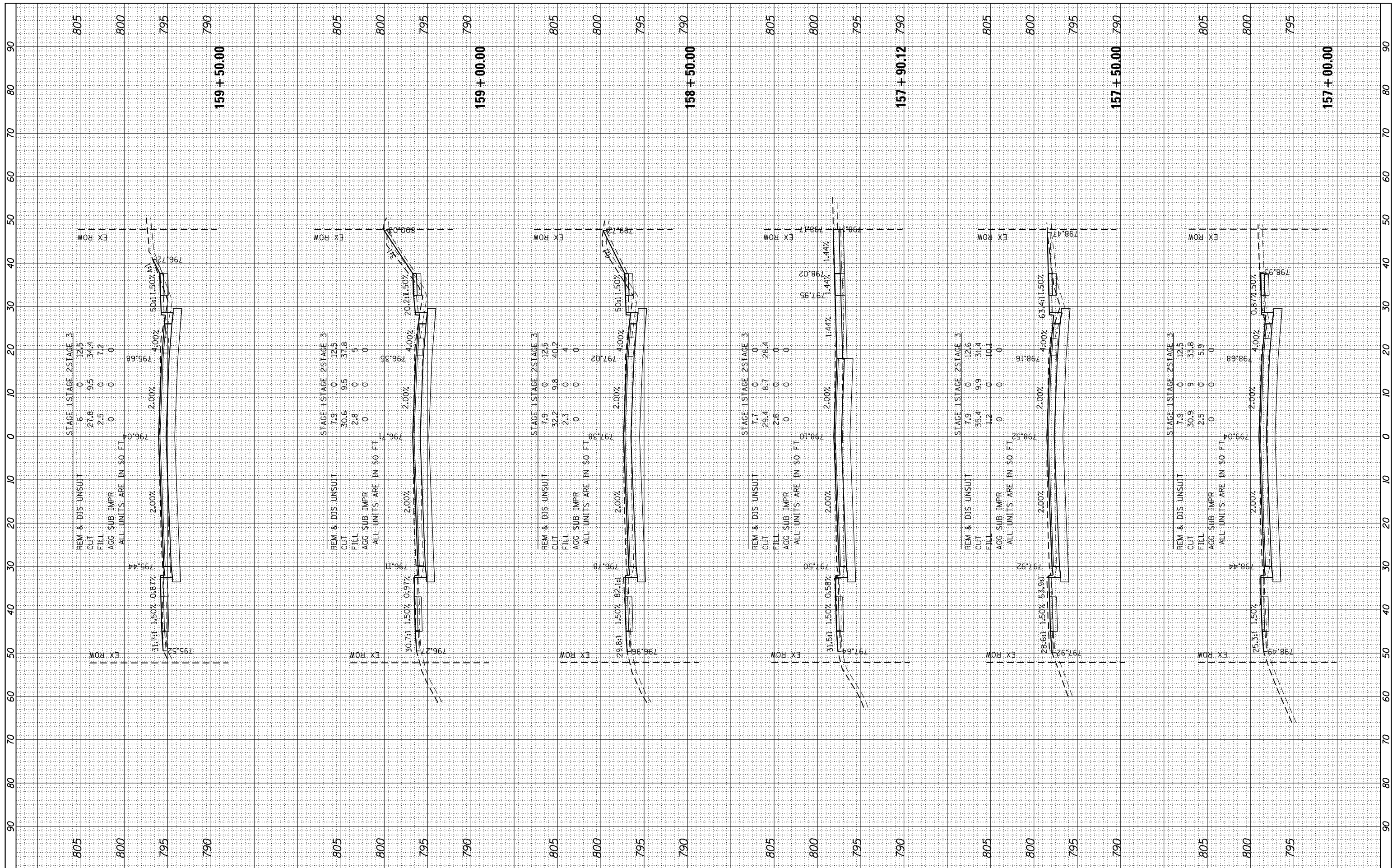
**PROPOSED CROSS SECTIONS
 IL RTE 19 (IRVING PARK RD)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	129
CONTRACT NO.			61K06	

ILLINOIS FED. AID PROJECT

BY	DATE

BY	DATE



FILE NAME =
#FILEL#
#MODELNAME#

USER NAME = #USER#
PLOT SCALE = #SCALE#
PLOT DATE = #DATE#

DESIGNED -
DRAWN - WJH
CHECKED - TEH
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED CROSS SECTIONS
IL RTE 19 (IRVING PARK RD)**

SCALE: 10H:5V SHEET 21 OF 24 SHEETS STA. 157+00.00 TO STA. 159+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	10-00055-02-WR	COOK	133	130
CONTRACT NO. 61K06			ILLINOIS FED. AID PROJECT	

