

02-27-2026 LETTING ITEM 073

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY  
GANNON DRIVE RESURFACING AND BICYCLE FACILITY PROJECT

MUN 2049 (GANNON DRIVE)  
IL 72 (HIGGINS ROAD) TO IL 58 (GOLF ROAD)

SECTION NO.: 23-00114-00-CH  
PROJECT NO.: M6GA(936)  
VILLAGE OF HOFFMAN ESTATES  
COOK COUNTY

TRAFFIC DATA

GANNON DRIVE  
POSTED SPEED: 30 MPH  
DESIGN SPEED: 35 MPH  
ADT: 5,524 (2023) 5,900 (2050)

DESIGN DESIGNATION

GANNON DRIVE  
MINOR COLLECTOR



12/17/2025  
*Emily A. Druckrey*  
TRANSYSTEMS  
EMILY A. DRUCKREY, P.E.  
NO. 062-067642  
EXP. DATE 11/30/27

TRANSYSTEMS

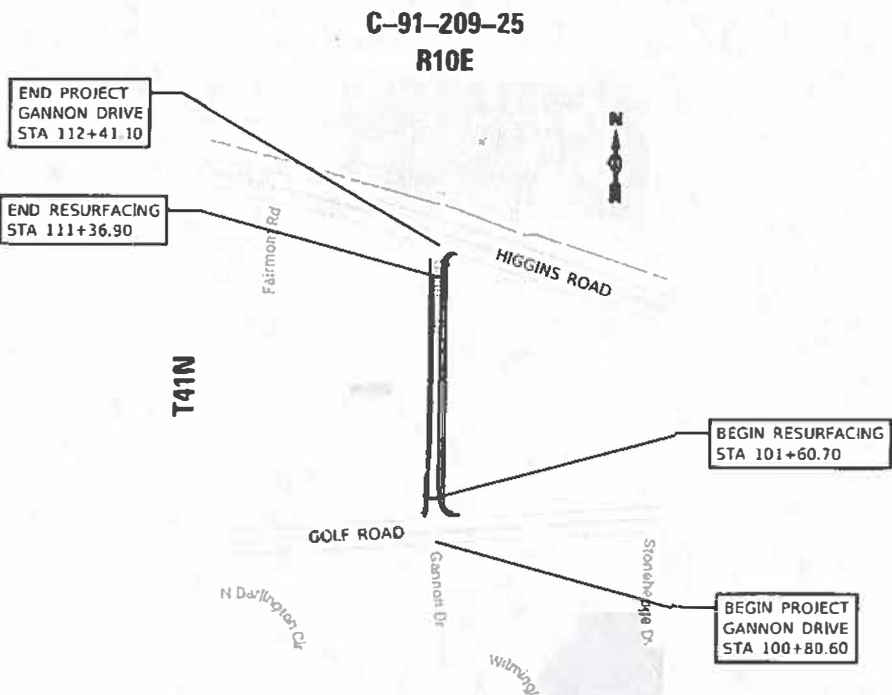
1475 WOODFIELD ROAD #600  
SCHAUMBURG, IL 60173  
(847) 605-9600



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

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

CONTRACT NO. 61M16



LOCATION MAP

NOT TO SCALE  
PROJECT LENGTH (GROSS / NET)  
TOTAL LENGTH=1,161.50 FT =(0.220 MILES)

F.A.H. ATE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	1
ILLINOIS CONTRACT NO. 61M16				



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED ON: <u>December 19</u> , 2025 <i>[Signature]</i> VILLAGE OF HOFFMAN ESTATES, DIRECTOR OF ENGINEERING	
PASSED <u>DECEMBER 23</u> , 2025 <i>[Signature]</i> DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW <u>Dec 23<sup>rd</sup></u> , 2025 <i>[Signature]</i> REGIONAL ENGINEER	
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS	

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VILLAGE OF HOFFMAN ESTATES DETAILS

CURB AND GUTTER DETAIL
SANITARY COVER DETAIL
STORM COVER DETAIL
WATER COVER DETAIL

IDOT DISTRICT ONE STANDARD DETAILS

BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15' (4.5m)
BD-02	DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)
BD-08	DETAILS FOR FRAME AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINTS AND HMA TAPER
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKING LETTER AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING
TS-01	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

IDOT HIGHWAY STANDARD DETAILS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-04	CLASS C AND D PATCHES
602301-04	INLET TYPE A
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
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 OPERATION, FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

- 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. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THESE STANDARD SPECIFICATIONS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT THEIR OWN RISK AND IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 AND THE VILLAGE OF HOFFMAN ESTATES AT 847-882-9100 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM CENTERLINE.
- WHEN REMOVING CURB AND GUTTER, AND/OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS WHICH MIGHT DAMAGE THE UNDERGROUND PUBLIC OR PRIVATE UTILITIES WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.

GENERAL NOTES CONTINUED

- TOOLED JOINTS WILL NOT BE ALLOWED FOR THE PCC BIKE PATH. THE CONTRACTOR SHALL BE REQUIRED TO SAWCUT ALL CONTRACTION JOINTS.
- TOPSOIL SHALL NOT BE STOCKPILED WITHIN PROJECT LIMITS.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- ROAD CONSTRUCTION AHEAD” SIGNS SHALL REMAIN INSTALLED AT LOCATIONS WHERE ROADWAY HAZARDS WITHIN THE WORK ZONE WILL REMAIN OVERNIGHT.
- TEMPORARY PAVEMENT MARKINGS OR SHORT TERM PAVEMENT MARKINGS ON INTERMEDIATE SURFACES SHALL NOT BE REMOVED, UNLESS DIRECTED BY THE ENGINEER
- PAVEMENT MARKING, TYPE IV TAPE SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION) HAS 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 ACCORDINACE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS 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.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- ANY AGGREGATE SUBGRADE CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR’S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR’S EXPENSE.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE WOVEN.

UTILITIES NOTES

- 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.
- THE LOCATION OF EXISTING UNDERGROUND DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ALL UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER IN ACCORDANCE WITH ARTICLES 105.07 AND 107.20.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL USE NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
- THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVES, VALVE VAULTS, FIRE HYDRANTS AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE VILLAGE FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.
- ALL LOOSE MATERIAL DEPOSITED IN THE FLOWLINE 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. THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

COMMITMENTS

- REPLACE TREES 1:1 RATIO.
- AT LEAST ONE PEDESTRIAN ROUTE ALONG GANNON DRIVE WILL ALWAYS REMAIN OPEN.

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALES	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	2
CONTRACT NO. 61M16				
		ILLINOIS	FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	STU
				75% FED / 25% LOCAL
				URBAN
				0005
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	23	23
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	34	34
20101000	TEMPORARY FENCE	FOOT	25	25
20200100	EARTH EXCAVATION	CU YD	460	460
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	260	260
20400800	FURNISHED EXCAVATION	CU YD	430	430
20800150	TRENCH BACKFILL	CU YD	5	5
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	500	500
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	912	912
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,465	1,465
* 25000100	SEEDING, CLASS 1	ACRE	0.50	0.50
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	49	49
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	49	49
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	49	49
* 25100630	EROSION CONTROL BLANKET	SQ YD	2,377	2,377
* 25200200	SUPPLEMENTAL WATERING	UNIT	2	2

\* DENOTES SPECIALTY ITEM

MODEL: 89000LWANE6 PLP NAME: STEEL5	TRANSYSTEMS	USER NAME = \$USERS	DESIGNED - MRQ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = \$SCALES	DRAWN - KLB	REVISED -							2049	23-00114-00-CH	COOK	79	3
		PLOT DATE = \$DATES	CHECKED - EAD	REVISED -		SCALE: NONE   SHEET 1 OF 6 SHEETS   STA. N/A TO STA. N/A					CONTRACT NO. 61M16				
			DATE - 12/19/25	REVISED -							ILLINOIS   FED. AID PROJECT				

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	STU
				75% FED / 25% LOCAL
				URBAN
				0005
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	53	53
28000400	PERIMETER EROSION BARRIER	FOOT	1,959	1,959
28000510	INLET FILTERS	EACH	14	14
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	2,377	2,377
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	2,363	2,363
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	815	815
35300210	PORTLAND CEMENT CONCRETE BASE COURSE 7 ½"	SQ YD	193	193
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,857	2,857
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	45	45
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	176	176
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	357	357
42001300	PROTECTIVE COAT	SQ YD	3,035	3,035
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	815	815
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14,943	14,943
42400800	DETECTABLE WARNINGS	SQ FT	366	366
44000100	PAVEMENT REMOVAL	SQ YD	1,338	1,338

\* DENOTES SPECIALTY ITEM



CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	STU
				75% FED / 25% LOCAL
				URBAN
				0005
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2½"	SQ YD	3,992	3,992
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	523	523
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,320	2,320
44000600	SIDEWALK REMOVAL	SQ FT	8,941	8,941
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	50	50
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	50	50
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	50	50
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	50	50
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	10	10
55100500	STORM SEWER REMOVAL 12"	FOOT	53	53
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2	2
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2
60250600	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	2	2
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	5	5
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1

\* DENOTES SPECIALTY ITEM

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	STU
				75% FED / 25% LOCAL
				URBAN
				0005
60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4	4
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1	1
60500050	REMOVING CATCH BASINS	EACH	1	1
60500060	REMOVING INLETS	EACH	4	4
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	35	35
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	30	30
67100100	MOBILIZATION	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	120	120
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,534	1,534
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	385	385
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	126	126
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	4,331	4,331
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	294	294

\* DENOTES SPECIALTY ITEM

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	STU
				75% FED / 25% LOCAL
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				0005
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	44	44
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	1,534	1,534
* 72000100	SIGN PANEL - TYPE 1	SQ FT	29	29
* 72000200	SIGN PANEL - TYPE 2	SQ FT	20	20
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	10	10
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	92	92
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	352	352
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	3,179	3,179
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	703	703
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	372	372
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	72	72
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	2,509	2,509
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,268	1,268
* 88600100	DETECTOR LOOP, TYPE I	FOOT	536	536

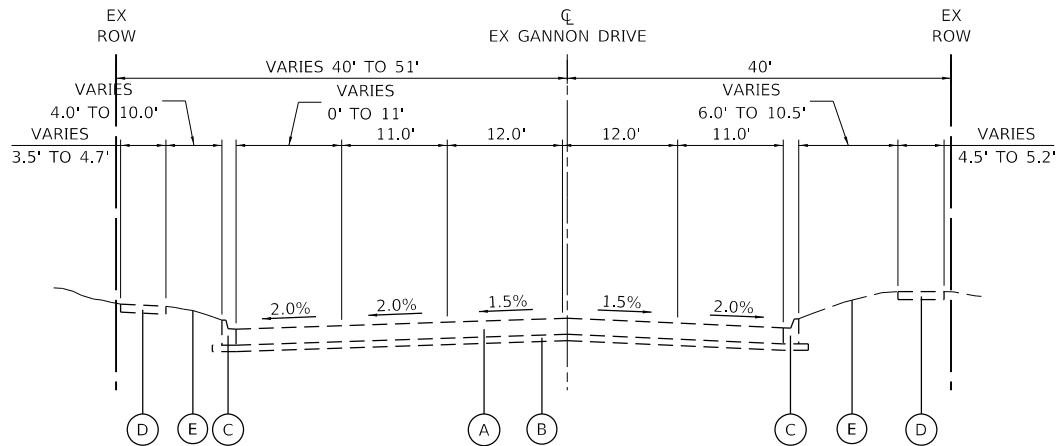
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		DRAWN - KLB	REVISED -							2049	23-00114-00-CH	COOK	79	7
	PLOT SCALE = \$SCALES	CHECKED - EAD	REVISED -							CONTRACT NO. 61M16				
	PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -							ILLINOIS   FED. AID PROJECT				
					SCALE: NONE	SHEET 5	OF 6	SHEETS	STA.	TO STA.				

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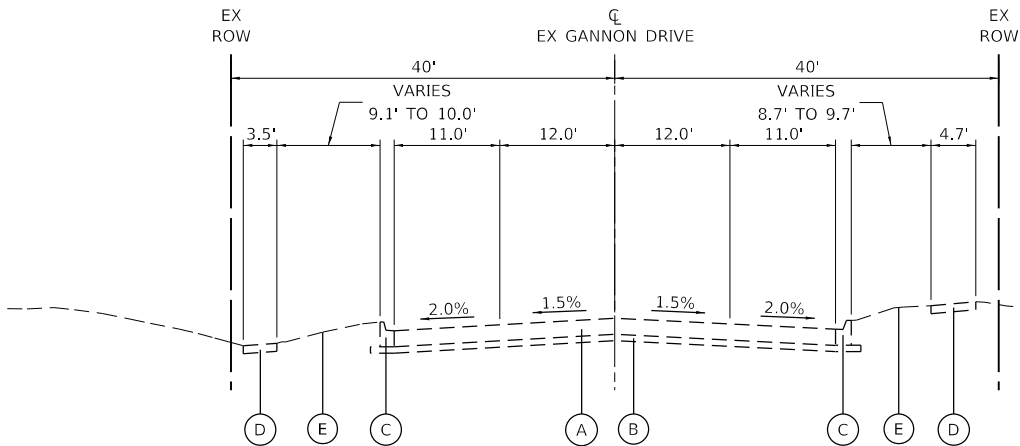
EXISTING LEGEND

- (A) HMA PAVEMENT, 10"
- (B) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (C) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (D) PCC SIDEWALK, 5"
- (E) TOPSOIL



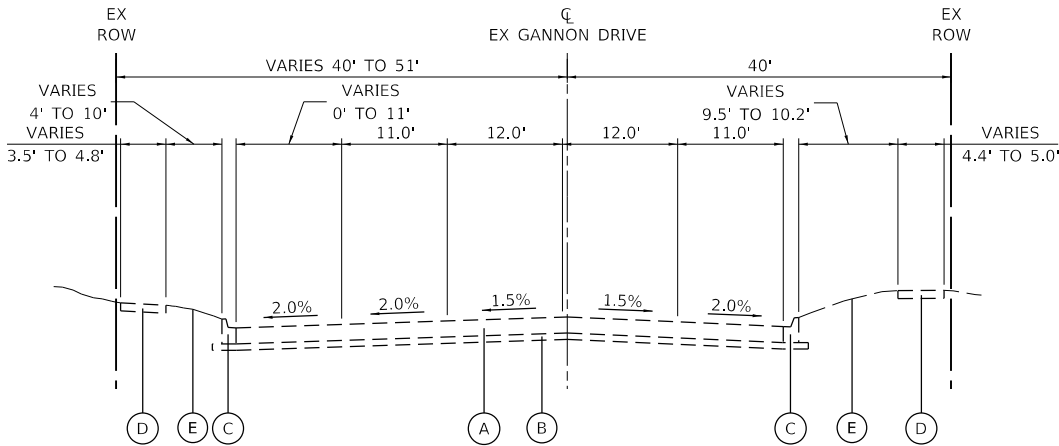
EXISTING TYPICAL SECTION

GANNON DRIVE  
STA 100+80.60 TO STA 101+60.70  
STA 111+36.90 TO STA 112+41.10



EXISTING TYPICAL SECTION

GANNON DRIVE  
STA 104+24.72 TO STA 111+36.90



EXISTING TYPICAL SECTION

GANNON DRIVE  
STA 101+60.70 TO STA 104+24.72

MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$STYLE\$

TRANSYSTEMS

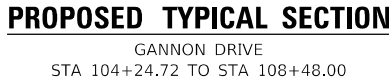
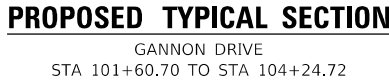
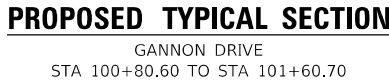
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	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	9
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				



- (A) HMA SURFACE COURSE, IL-9.5, MIX "D", N50 1-1/2" POLY HMA BINDER COURSE, IL-4.75, N50 3/4"
- (B) PCC BASE COURSE, 7 1/2"
- (C) PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- (D) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12 (ABUTTING EXISTING PAVEMENT)
- (E) AGGREGATE BASE COURSE, TYPE B 4"
- (F) TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH SEEDING, CLASS 1  
FERTILIZER NUTRIENTS  
EROSION CONTROL BLANKET
- (G) TOPSOIL FURNISH AND PLACE, 6" SEEDING, CLASS 1  
FERTILIZER NUTRIENTS  
EROSION CONTROL BLANKET

1. AS SHOWN ON PLANS AND OR DETERMINED BY THE ENGINEER.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/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



SUMMARY OF REMOVAL									
LOCATION	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	STORM SEWER REMOVAL 12"	REMOVING CATCH BASINS	REMOVING INLETS
	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQ FT	FOOT	EACH	EACH
SHEET 1 (STA 97+00 TO 102+00)	25	103	185	-	284	1,202	-	-	-
SHEET 2 (STA 102+00 TO 106+80)	-	646	1,990	223	971	3,477	29	1	1
SHEET 3 (STA 106+80 TO 111+60)	-	510	1,817	300	956	3,453	24	-	3
SHEET 4 (STA 111+60 TO 113+00)	20	79	-	-	109	809	-	-	-
TOTAL	45	1,338	3,992	523	2,320	8,941	53	1	4

SUMMARY OF ROADWAY											
LOCATION	AGGREGATE BASE COURSE, TYPE B 4"	AGGREGATE BASE COURSE, TYPE B 6"	PORTLAND CEMENT CONCRETE BASE COURSE 7 1/2"	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL- 4.75, N50	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	COMBINATION CONCRETE CURB AND GUTTER, TYPE B- 6.12 (SPECIAL)
	SQ YD	SQ YD	SQ YD	TON	POUND	TON	SQ YD	SQ FT	SQ FT	FOOT	FOOT
SHEET 1 (STA 97+00 TO 102+00)	311	-	10	10	149	19	-	2,020	37	124	173
SHEET 2 (STA 102+00 TO 106+80)	940	355	95	86	1,407	176	355	5,828	114	428	581
SHEET 3 (STA 106+80 TO 111+60)	931	460	88	80	1,301	162	460	5,804	188	316	672
SHEET 4 (STA 111+60 TO 113+00)	181	-	-	-	-	-	-	1,291	27	-	123
TOTAL	2,363	815	193	176	2,857	357	815	14,943	366	868	1,549

SUMMARY OF LANDSCAPING													
LOCATION	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	TOPSOIL FURNISH AND PLACE, 6"	SEEDING, CLASS 1	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	SUPPLEMENTAL WATERING	TREE, ACER MIYABEI MORTON (STATE STREET MIYABE MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, ULMUS X FRONTIER (FRONTIER ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED
	SQ YD	SQ YD	ACRE	POUND	POUND	POUND	SQ YD	UNIT	EACH	EACH	EACH	EACH	EACH
SHEET 1 (STA 97+00 TO 102+00)	120	153	0.05	6	6	6	273	-	-	-	-	-	1
SHEET 2 (STA 102+00 TO 106+80)	385	672	0.22	21	21	21	1,057	-	3	4	-	-	1
SHEET 3 (STA 106+80 TO 111+60)	388	514	0.19	18	18	18	902	-	-	-	4	2	-
SHEET 4 (STA 111+60 TO 113+00)	19	126	0.04	4	4	4	145	-	-	-	-	-	-
SUB TOTAL	912	1,465	0.50	49	49	49	2,377	2	3	4	4	2	2

SUMMARY OF MAINTENANCE OF TRAFFIC							
LOCATION	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	PAVEMENT MARKING REMOVAL - GRINDING	PAVEMENT MARKING REMOVAL - WATER BLASTING	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)
	SQ FT	FOOT	FOOT	FOOT	SQ FT	SQ FT	EACH
SHEET 1 (STA 97+00 TO 102+00)	-	267	88	22	165	589	-
SHEET 2 (STA 102+00 TO 106+80)	89	1,921	106	-	1,336	-	4
SHEET 3 (STA 106+80 TO 111+60)	21	1,920	54	-	1,008	114	5
SHEET 4 (STA 111+60 TO 113+00)	16	223	46	22	-	565	-
TOTAL	126	4,331	294	44	2,509	1,268	9

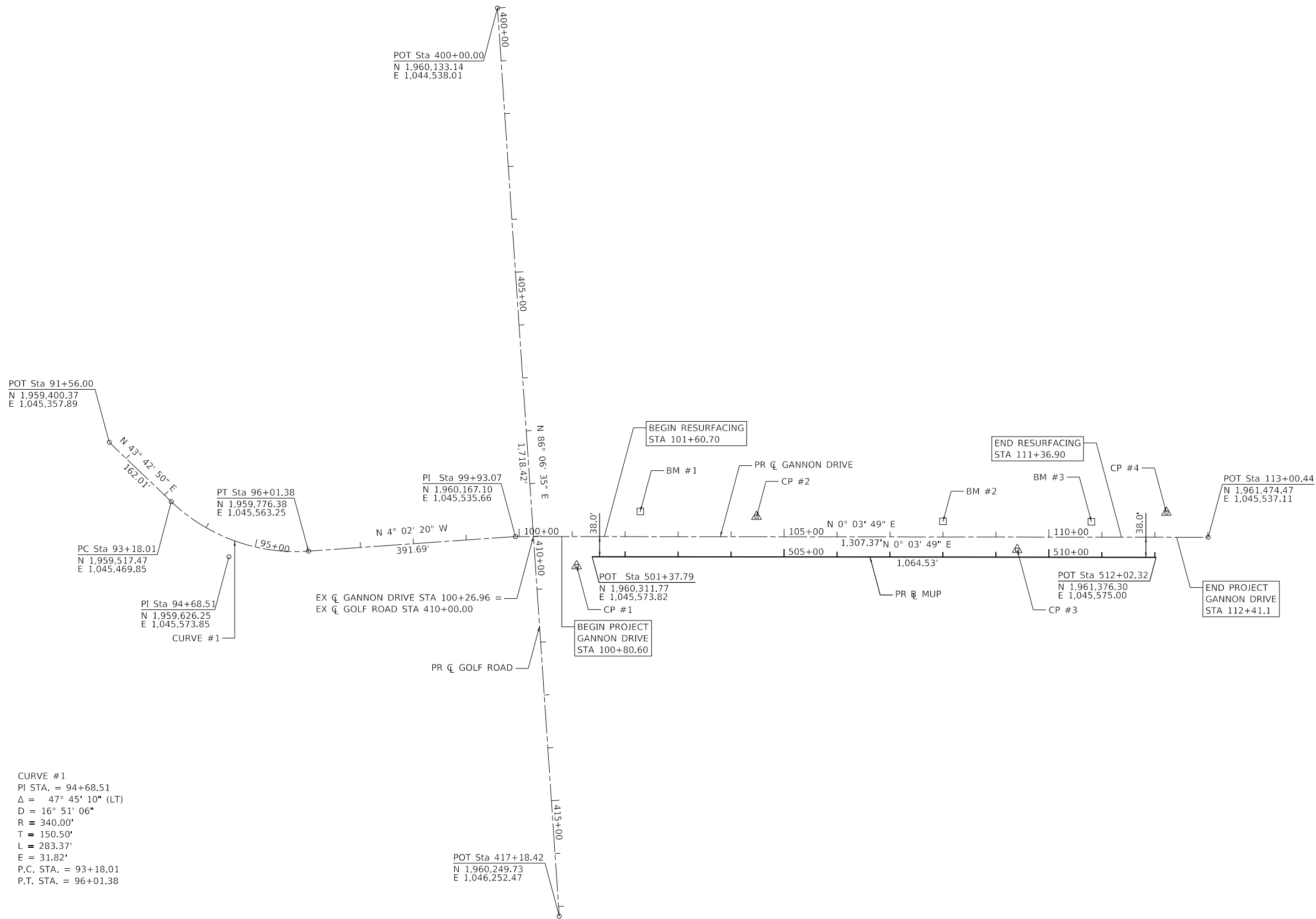
SUMMARY OF EROSION CONTROL					
LOCATION	TEMPORARY FENCE	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	INLET FILTERS	TEMPORARY EROSION CONTROL BLANKET
	FOOT	POUND	FOOT	EACH	SQ YD
SHEET 1 (STA 97+00 TO 102+00)	-	7	226	1	273
SHEET 2 (STA 102+00 TO 106+80)	25	22	784	5	1,057
SHEET 3 (STA 106+80 TO 111+60)	-	20	806	6	902
SHEET 4 (STA 111+60 TO 113+00)	-	4	143	2	145
TOTAL	25	53	1,959	14	2,377

SUMMARY OF PAVEMENT MARKINGS					
LOCATION	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"
	SQ FT	FOOT	FOOT	FOOT	FOOT
SHEET 1 (STA 97+00 TO 102+00)	107	172	172	174	35
SHEET 2 (STA 102+00 TO 106+80)	139	1,100	217	-	-
SHEET 3 (STA 106+80 TO 111+60)	69	1,751	243	-	-
SHEET 4 (STA 111+60 TO 113+00)	37	156	71	198	37
TOTAL	352	3,179	703	372	72

USER NAME = \$USERS\$	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	12
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

SUMMARY OF EARTHWORK						
EARTHWORK BALANCE						
	EARTH EXCAVATION	(ADJUSTED 15% FOR SHRINKAGE)	EMBANKMENT	EXCESS (+) OR SHORTAGE (-)	FURNISHED EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
						TOPSOIL STRIPPING
LOCATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
STAGE 1 - WEST SIDE	218	185	60	125	0	128
STAGE 2 - EAST SIDE	241	205	633	-428	428	131
TOTALS	459	390	693	-302	429	259
ROUNDED TOTALS	460	395	695	-300	430	260



CURVE #1  
PI STA. = 94+68.51  
Δ = 47° 45' 10" (LT)  
D = 16° 51' 06"  
R = 340.00'  
T = 150.50'  
L = 283.37'  
E = 31.82'  
P.C. STA. = 93+18.01  
P.T. STA. = 96+01.38

MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$EXT\$

TRANSYSTEMS

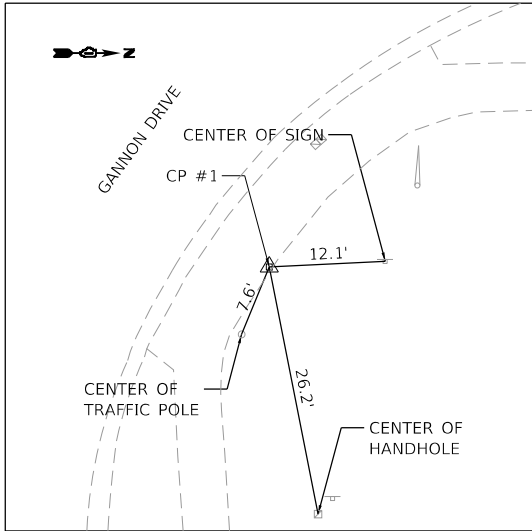
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	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

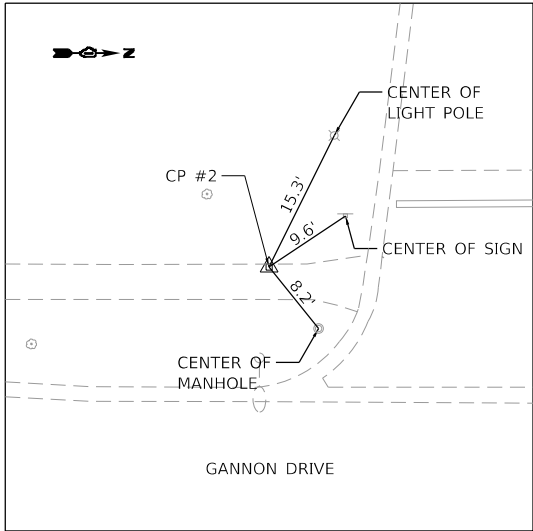
SCALE: 1"=100'    SHEET 1    OF 2    SHEETS    STA. STA    TO STA. STA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	13
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				



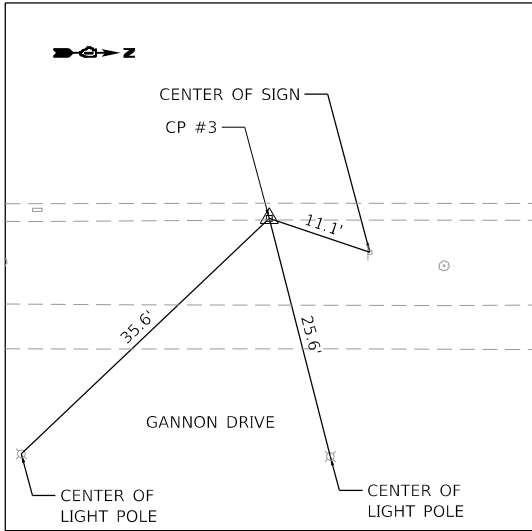
CONTROL POINT #1

CUT "X" ON EDGE OF SIDEWALK  
STA 101+08.65, 55.60' RT  
N. 1,960,282.614 E. 1,045,591.393  
ELEV.=822.132



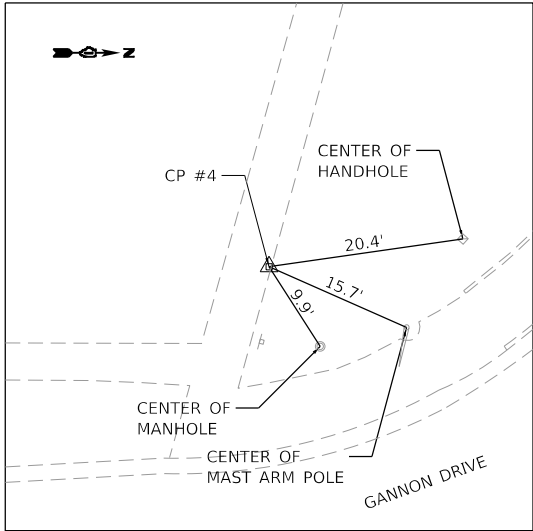
CONTROL POINT #2

CUT "X" ON EDGE OF SIDEWALK  
STA 104+47.97, 37.88' LT  
N. 1,960,622.042 E. 1,045,498.287  
ELEV.=820.203



CONTROL POINT #3

CUT "X" ON TOP OF CURB  
STA 109+40.14, 24.15' RT  
N. 1,961,114.136 E. 1,045,560.867  
ELEV.=820.996



CONTROL POINT #4

CUT "X" ON EDGE OF SIDEWALK  
STA 112+21.72, 46.49' LT  
N. 1,961,395.801 E. 1,045,490.535  
ELEV.=826.195

BENCHMARK #1

ELEV. 822.132

"X" ON SIDEWALK ARROW BOLT FIRST  
FIRE HYDRANT NORTH OF GOLF ROAD  
ON THE WEST SIDE OF GANNON DRIVE

BENCHMARK #2

ELEV. 820.778

"X" ON SOUTHWESTERN BOLT SECOND  
FIRE HYDRANT SOUTH OF HIGGINS ROAD  
ON THE WEST SIDE OF GANNON DRIVE

BENCHMARK #3

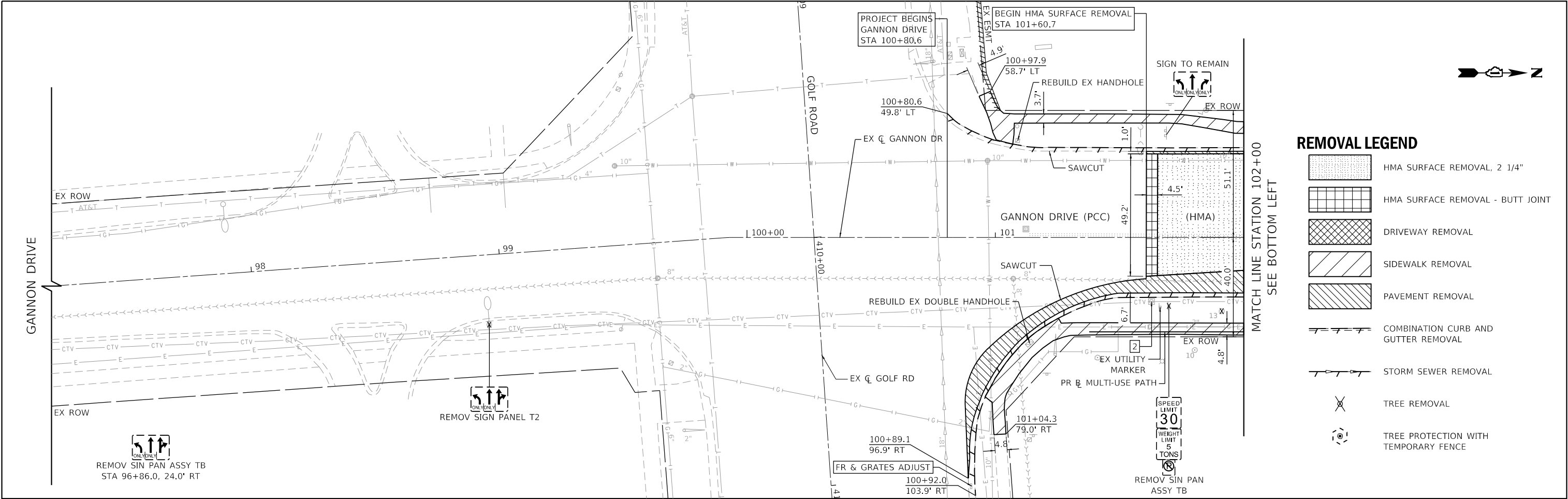
ELEV. 826.306

"X" ON SOUTHWESTERN BOLT FIRST  
FIRE HYDRANT SOUTH OF HIGGINS ROAD  
ON THE WEST SIDE OF GANNON DRIVE

USER NAME = \$USERS\$	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES\$	DATE - 12/19/25	REVISED -

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: NONE	SHEET 2	OF 2 SHEETS	STA. STA TO STA. STA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	14
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

HMA SURFACE REMOVAL, 2 1/4"

HMA SURFACE REMOVAL - BUTT JOINT

DRIVEWAY REMOVAL

SIDEWALK REMOVAL

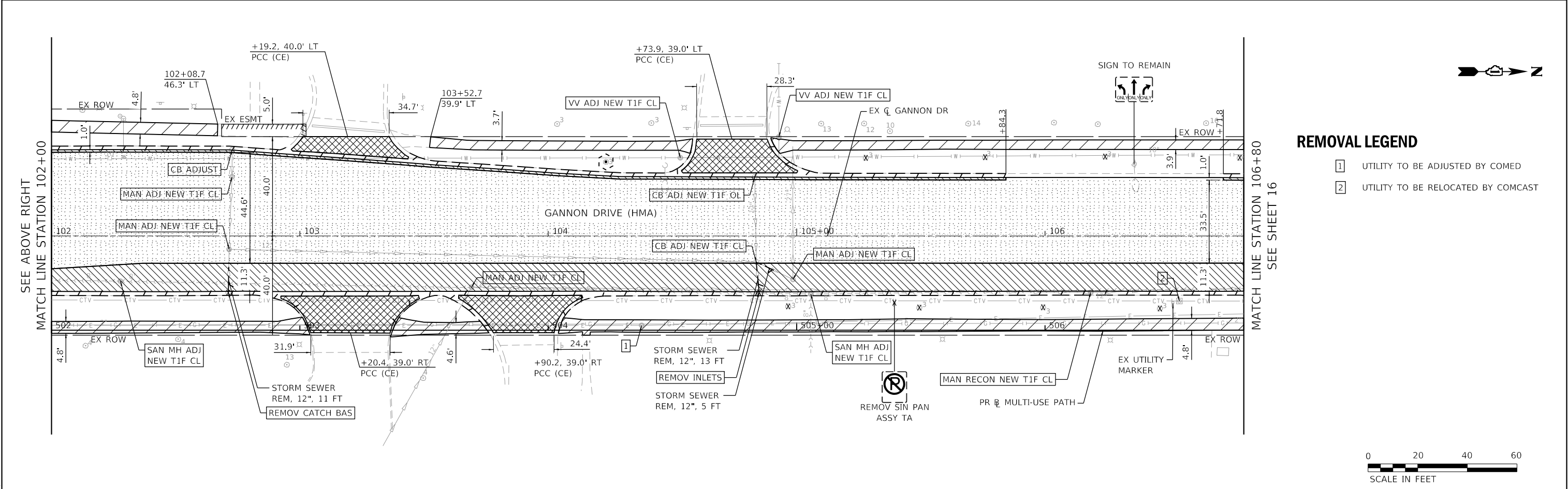
PAVEMENT REMOVAL

COMBINATION CURB AND GUTTER REMOVAL

STORM SEWER REMOVAL

TREE REMOVAL

TREE PROTECTION WITH TEMPORARY FENCE



REMOVAL LEGEND

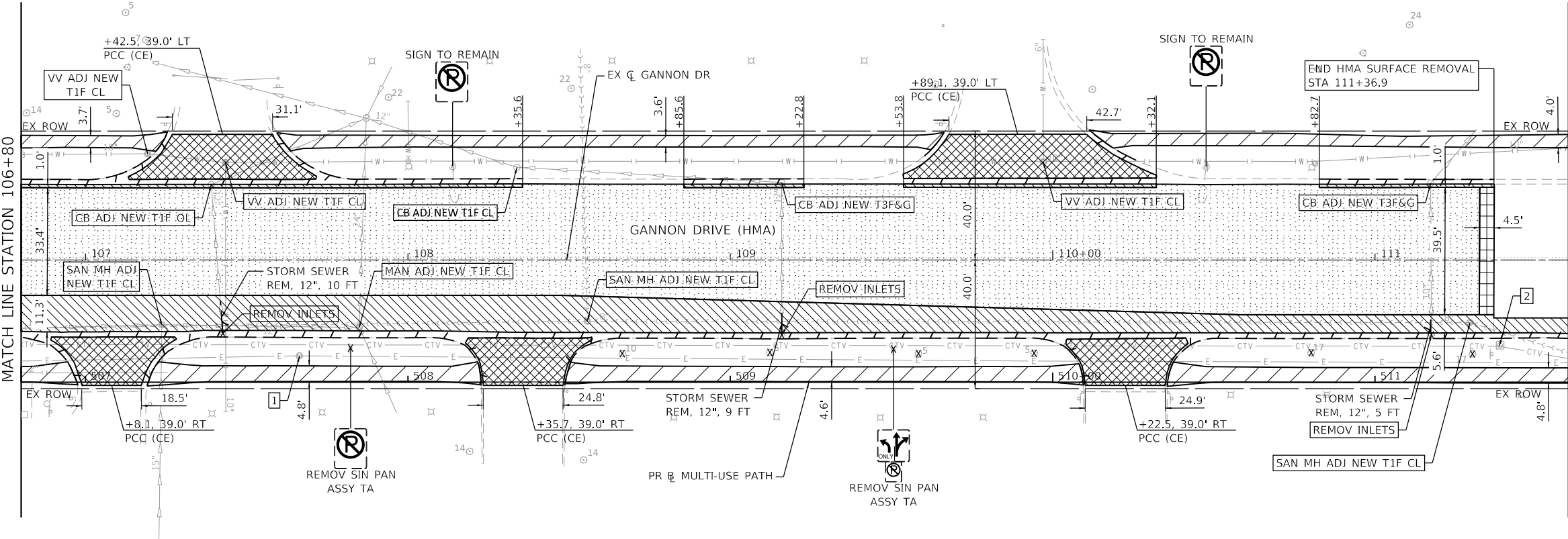
1

UTILITY TO BE ADJUSTED BY COMED

2

UTILITY TO BE RELOCATED BY COMCAST

SEE SHEET 15  
MATCH LINE STATION 106+80

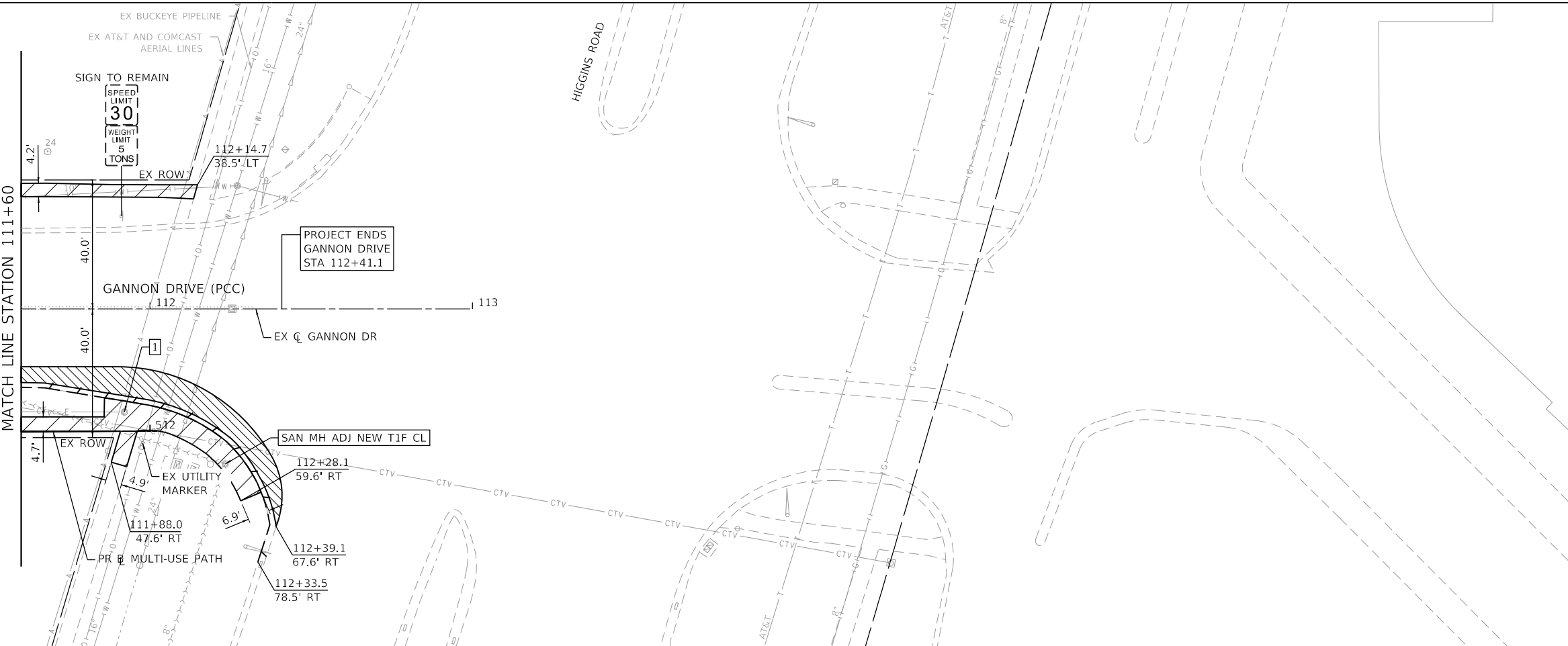


MATCH LINE STATION 111+60  
SEE BOTTOM LEFT

REMOVAL LEGEND

- HMA SURFACE REMOVAL, 2 1/4"
- HMA SURFACE REMOVAL - BUTT JOINT
- DRIVEWAY REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- STORM SEWER REMOVAL
- TREE REMOVAL
- TREE PROTECTION WITH TEMPORARY FENCE

SEE ABOVE RIGHT  
MATCH LINE STATION 111+60



REMOVAL LEGEND

- 1 UTILITY TO BE ADJUSTED BY COMED
- 2 UTILITY TO BE RELOCATED BY COMCAST



TRANSYSTEMS

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - KLB	REVISED -
PLOT DATE = \$DATES	CHECKED - EAD	REVISED -
	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 106+80.00 TO STA. 113+00.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	16
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				



<b>PROFILE</b>	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		

# TRANSYSTEMS

DESIGNED -	MRQ	REVISED -
DRAWN -	KLB	REVISED -
CHECKED -	EAD	REVISED -
DATE -		REVISED -

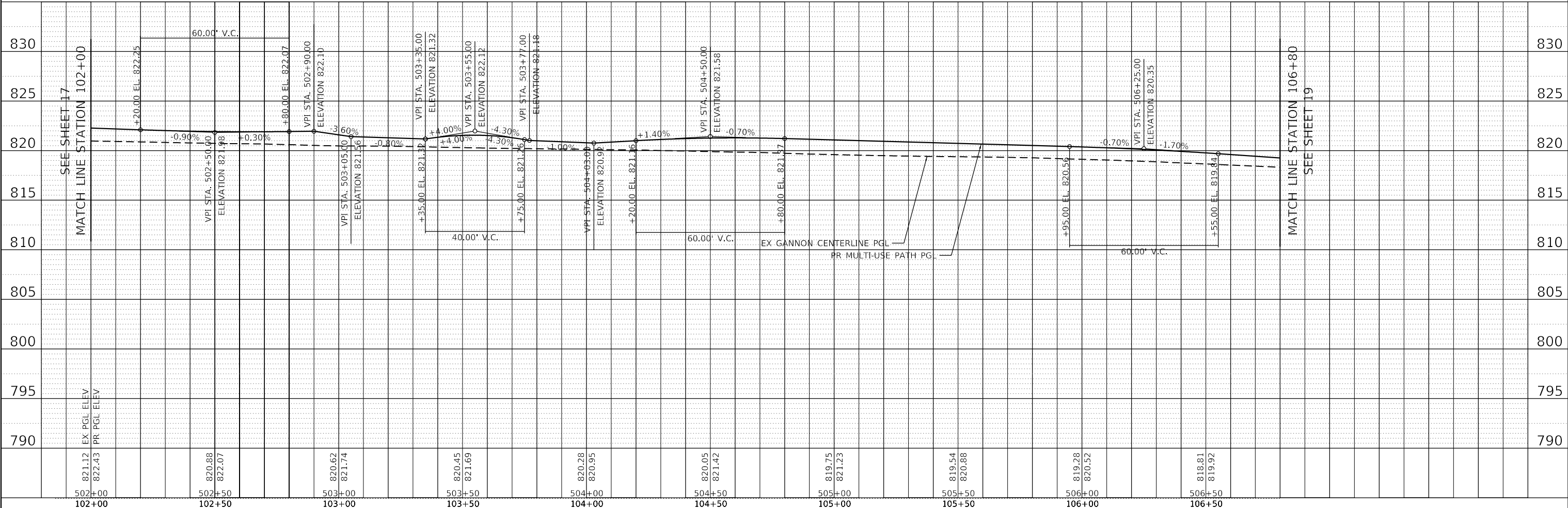
## ROADWAY AND DRAINAGE PLAN AND PROFILE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	17
		CONTRACT NO. 61M16		
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	AS BUILT		
	CADD FILE NAME		

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

MODEL: \$MODELNAME\$  
FILE NAME: \$FILES\$



TRANSYSTEMS

USER NAME = \$USERS\$	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALES\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES\$	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY AND DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 102+00.00 TO STA. 106+80.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	18
CONTRACT NO. 61M16				
ILLINOIS		FED. AID PROJECT		

SEE SHEET 17  
MATCH LINE STATION 102+00

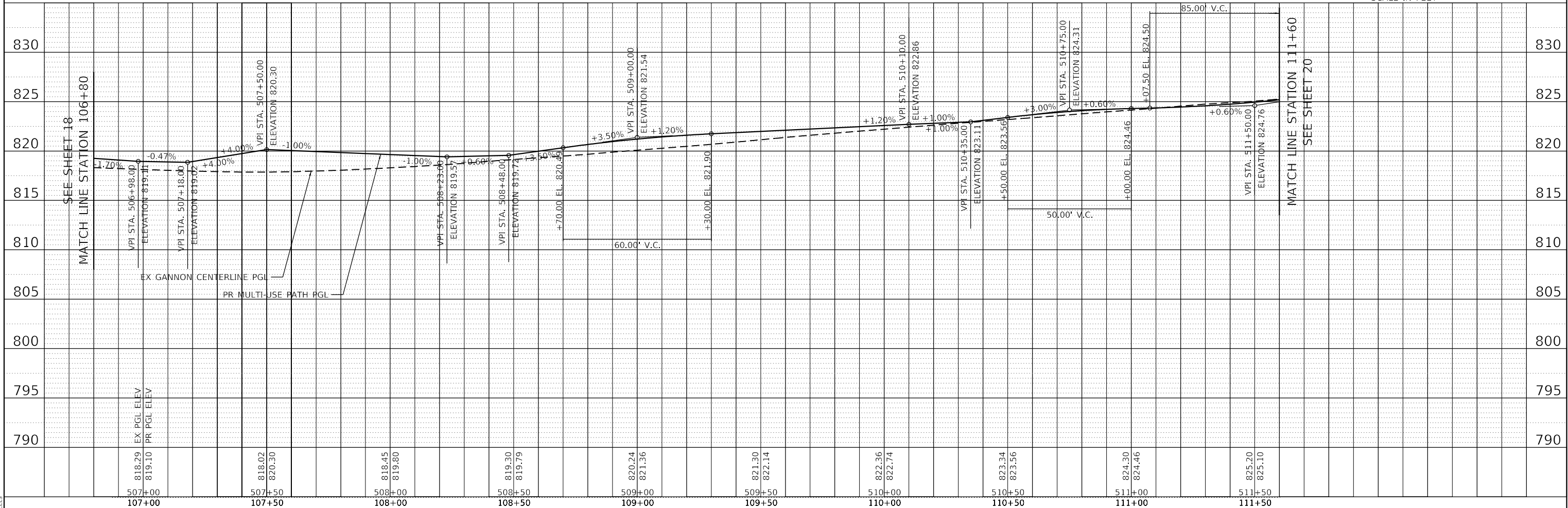
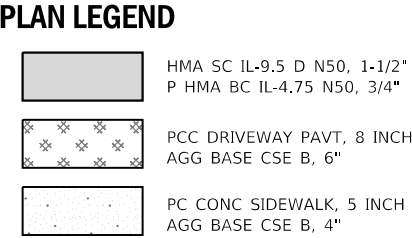
MATCH LINE STATION 106+80  
SEE SHEET 19

### PLAN LEGEND

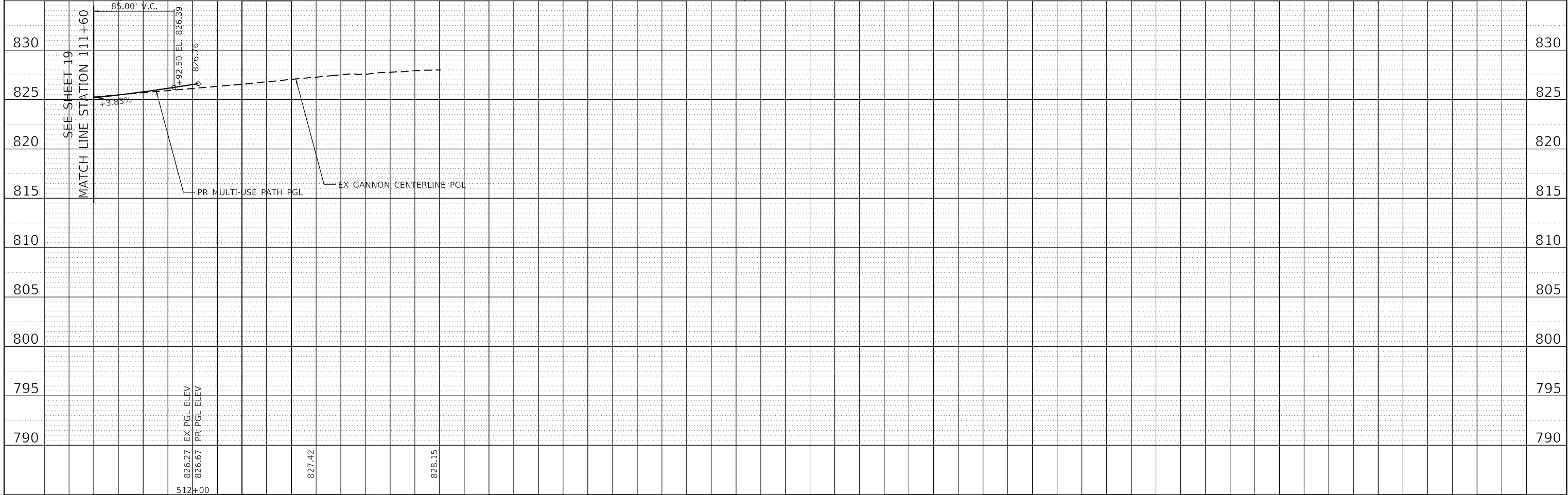
	HMA SC IL-9.5 D N50, 1-1/2"
	P HMA BC IL-4.75 N50, 3/4"
	PCC DRIVEWAY PAVT, 8 INCH AGG BASE CSE B, 6"
	PC CONC SIDEWALK, 5 INCH AGG BASE CSE B, 4"



<b>PROFILE</b>	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		



<b>PROFILE</b>	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		



	112+00		112+50		113+00		<div>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</div>	ROADWAY AND DRAINAGE PLAN AND PROFILE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	USER NAME = \$USERS	DESIGNED - MRQ	REVISED -													
		DRAWN - KLB	REVISED -													
	PLOT SCALE = \$SCALES	CHECKED - EAD	REVISED -													
	PLOT DATE = \$DATES	DATE -	REVISED -													
							SCALE: 1"=20'	SHEET 4	OF 4	SHEETS	STA. 111+60.00	TO STA. 113+00.44	CONTRACT NO. 61M16			
											ILLINOIS	FED. AID PROJECT				

SUGGESTED CONSTRUCTION STAGING GENERAL NOTES

1.
- SUGGESTED SEQUENCE OF OPERATIONS AND SUMMARY FOR CONSTRUCTION STAGING DOES NOT, NOR IS IT INTENDED TO, DEPICT ALL THE WORK THAT WILL BE REQUIRED BY THE CONTRACTOR FOR STAGING OPERATIONS DURING THE CONTRACT. THE SEQUENCE OF OPERATIONS IS GIVEN AS AN AIDE AND GUIDE FOR THE CONTRACTOR'S USE TO ESTABLISH THE NECESSARY GUIDELINES FOR EFFICIENT TRAFFIC OPERATION DURING THE DURATION OF THE CONTRACT.
2.
- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN AND SECTION 701 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2022 EDITION AS AMENDED BY THE SPECIAL PROVISION FOR CONSTRUCTION ZONE TRAFFIC CONTROL UNLESS PRIOR APPROVAL IS RECEIVED FROM THE ENGINEER.
3.
- THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST SEVEN (7) DAYS IN ADVANCE OF THE SCHEDULED TRAFFIC CHANGE.
4.
- THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ENTRANCES AS INDICATED ON THE PLANS. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (COMMERCIAL ENTRANCE).
5.
- THE CONTRACTOR SHALL PLACE "DRIVEWAY ENTRANCE" SIGNS AT ALL COMMERCIAL ENTRANCES WITHIN THE PROJECT LIMITS WHERE ENTRANCES ARE OBSTRUCTED DUE TO CONSTRUCTION OR AS DIRECTED BY THE ENGINEER. ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES DURING CONSTRUCTION OPERATIONS WITH THE USE OF AGGREGATE FOR TEMPORARY ACCESS AND/OR BY CONSTRUCTING ONE HALF OF THE PROPOSED DRIVEWAYS AT A TIME. SEE TEMPORARY INFORMATION SIGNS DETAIL TC-26 FOR MORE INFORMATION.
6.
- THE CONTRACTOR SHALL PROVIDE ENGINEER WITH THE NAMES AND NUMBERS OF THEIR REPRESENTATIVES ON THE CONSTRUCTION SITE PRIOR TO THE START OF WORK.
7.
- 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.
8.
- ANY PAVEMENT DROP-OFFS GREATER THAN 3 INCHES IMMEDIATELY ADJACENT TO TRAFFIC SHALL NOT BE LEFT OVERNIGHT. DROP-OFFS GREATER THAN 18 INCHES SHALL NOT BE EXPOSED TO TRAFFIC FOR GREATER THAN 48 HOURS. THE WORK TO COMPLY WITH THIS CRITERIA SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
9.
- ANY DROP OFF GREATER THAN THREE (3) INCHES BUT LESS THAN TWELVE (12) INCHES, WITHIN EIGHT (8) FEET OF THE PAVEMENT EDGE, SHALL BE PROTECTED BY TYPE II BARRICADES, DRUMS OR VERTICAL PANELS WITH MONO DIRECTIONAL STEADY BURNING LIGHTS AT 50 FOOT CENTER TO CENTER SPACING.
10.
- ALL TYPE II BARRICADES WILL BE FURNISHED WITH A MINIMUM OF 2 SANDBAGS, ONE PER SIDE.
11.
- ALL DRUMS, VERTICAL PANELS AND BARRICADES PLACED IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH STEADY BURN MONO-DIRECTIONAL LAMPS.
12.
- 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 SIGN MESSAGES SHALL BE REVISED TWO WEEKS THEREAFTER WITH MESSAGES WARNING TRAFFIC OF POTENTIAL TRAFFIC DELAYS, QUEUING AND/OR WITH MESSAGES NOTIFYING TRAFFIC TO USE ALTERNATE ROUTES. THE SIGN LOCATIONS AND MESSAGES SHALL BE DETERMINED BY THE ENGINEER.
13.
- THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE IN ACCORDANCE WITH THE ILLINOIS SUPPLEMENT TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, REVISION 3, NOVEMBER 2021 AND THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
14.
- THE FURNISHING, INSTALLATION AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD, IL SUPPLEMENT TO THE MUTCD, IDOT SSRBC, CONTRACT SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
15.
- ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED OR COVERED IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY.
16.
- ALL TEMPORARY PAVEMENT MARKING SHALL BE PAINT ON TEMPORARY SURFACES WHEN THE AIR TEMPERATURE IS 50 DEGREES OR ABOVE (TAPE SHALL BE USED ON ALL FINAL WEARING SURFACES). WHEN THE AIR TEMPERATURE IS BELOW 50 DEGREES, THE TEMPORARY PAVEMENT MARKINGS SHALL BE URETHANE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED BASED UPON MATERIAL USED.
17.
- ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR ONE PLACEMENT AND ONE REPLACEMENT HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO 7 DAYS OF SERVICE OR REPLACEMENT AFTER THE SECOND REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
18.
- THE CONTRACTOR SHALL REMOVE ALL THE TEMPORARY STRIPING WHICH CONFLICTS WITH THE NEXT STAGE OR FINAL STRIPING. REMOVAL OF TEMPORARY STRIPING SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL - GRINDING OR PAVEMENT MARKING REMOVAL - WATER BLASTING.
19.
- THE COST OF SUPPLYING, ERECTING, AND MAINTAINING TRAFFIC CONTROL DEVICES, LIGHTS, AND SIGNS SHALL BE INCLINED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
20.
- CONTRACTOR SHALL ONLY WORK ON ONE SIDE OF GANNON DRIVE AT A TIME UNLESS OTHERWISE APPROVED BY THE ENGINEER.

21.
- WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED, PRIOR TO REOPENING THE LANE TO TRAFFIC. THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.
22.
- THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN PEDESTRIAN ACCESS TO BUSINESSES BY CONSTRUCTING HALF OF THE SIDEWALK PER EACH STAGE. TEMPORARY SIDEWALK HAS BEEN INCLUDED TO BE USED AT THE DIRECTION OF THE ENGINEER.
23.
- THE CONTRACTOR SHALL PROVIDE PEDESTRIAN ADVANCE WARNING DEVICES AT GOLF ROAD AND SALAM DRIVE TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE NORTHEAST CORNER OF GOLF ROAD AND GANNON DRIVE DURING STAGE 2.
24.
- THE CONTRACTOR SHALL PROVIDE PEDESTRIAN ADVANCE WARNING DEVICES AT HIGGINS ROAD AND SALAM DRIVE / JONES ROAD TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE SOUTHEAST CORNER OF HIGGINS ROAD AND GANNON DRIVE DURING STAGE 2.

SUGGESTED CONSTRUCTION SEQUENCING

STAGE 1

TRAFFIC STAGING

1.
- SETUP ADVANCED MESSAGE BOARDS TO WARN THE MOTORING PUBLIC OF THE PENDING CONSTRUCTION AND CHANGES TO TRAFFIC CONDITIONS.
2.
- REMOVE AND REPLACE PAVEMENT MARKING AND LANE CONFIGURATION SIGNS FOR NORTHBOUND GANNON DRIVE SOUTH OF GOLF ROAD PER PAVEMENT MARKING AND SIGNING PLAN.
3.
- SET UP ADVANCED TRAFFIC CONTROL CONSTRUCTION SIGNS, PLACE TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES AS SHOWN IN STAGE 1 MOT PLANS. REMOVE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH STAGE 1 TEMPORARY PAVEMENT MARKINGS.

CONSTRUCTION

1.
- PERFORM IMPROVEMENTS OF CURB AND GUTTER, SIDEWALK, DRIVEWAY, PAVEMENT PATCHES, AND DRAINAGE STRUCTURES AS SHOWN IN PLANS.

STAGE 2

TRAFFIC STAGING

1.
- SETUP ADVANCED MESSAGE BOARDS TO WARN THE MOTORING PUBLIC OF THE PENDING CHANGES TO TRAFFIC CONDITIONS.
2.
- SET UP ADVANCED TRAFFIC CONTROL CONSTRUCTION SIGNS, PLACE TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES AS SHOWN IN STAGE 2 MOT PLANS. REMOVE TEMPORARY PAVEMENT MARKINGS THAT CONFLICT WITH STAGE 2 TEMPORARY PAVEMENT MARKINGS.

CONSTRUCTION

1.
- PERFORM IMPROVEMENTS OF CURB AND GUTTER, SIDEWALK, DRIVEWAY, PAVEMENT PATCHES, AND DRAINAGE STRUCTURES AS SHOWN IN PLANS.

STAGE 3

CONSTRUCTION

1.
- MILL THE EXISTING PAVEMENT SURFACE, CONTRACTOR MAY OPT TO MILL THE ENTIRE HMA SURFACE USING DAILY LANE CLOSURES WITH FLAGGER.
2.
- CONSTRUCT BINDER AND SURFACE COURSES.
3.
- CONSTRUCT PERMANENT PAVEMENT MARKINGS.
4.
- REMOVE TRAFFIC CONTROL AND OPEN ALL LANES OF TRAFFIC.
5.
- CLEANUP AND PUNCHLIST.

MODEL: SMODEL.NAMES  
FILE: NAMES.STYLES



USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALES	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
GENERAL NOTES AND NARRATIVE

SCALE: NONE    SHEET 1    OF 7    SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	21
		CONTRACT NO. 61M16		
		ILLINOIS	FED. AID PROJECT	

TRAFFIC CONTROL TYPICAL  
SECTIONS LEGEND

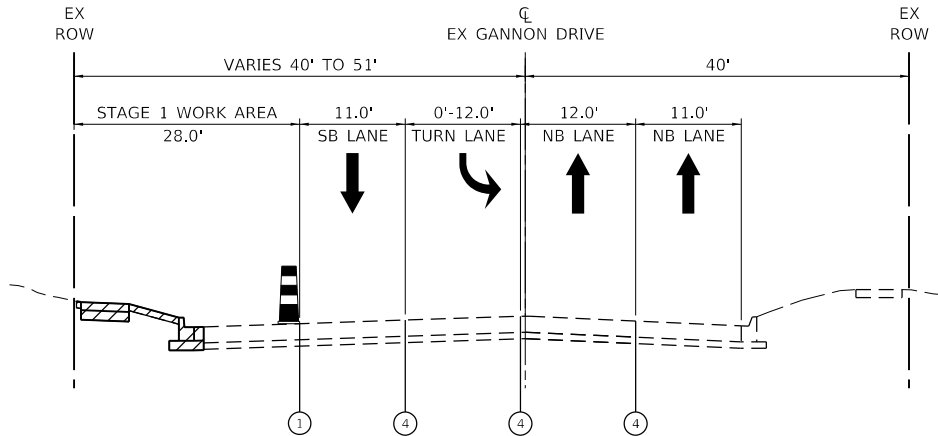
- WORK AREA
- DIRECTION OF TRAFFIC FLOW ARROWS
- TYPE II BARRICADES OR DRUMS @ 50' CENTERS (25' CENTERS ALONG TAPERS AND RAMPS)
- 1

TEMPORARY PAVEMENT MARKING 4" (SOLID, WHITE)
- 2

TEMPORARY PAVEMENT MARKING 4" (SOLID, DOUBLE YELLOW)
- 3

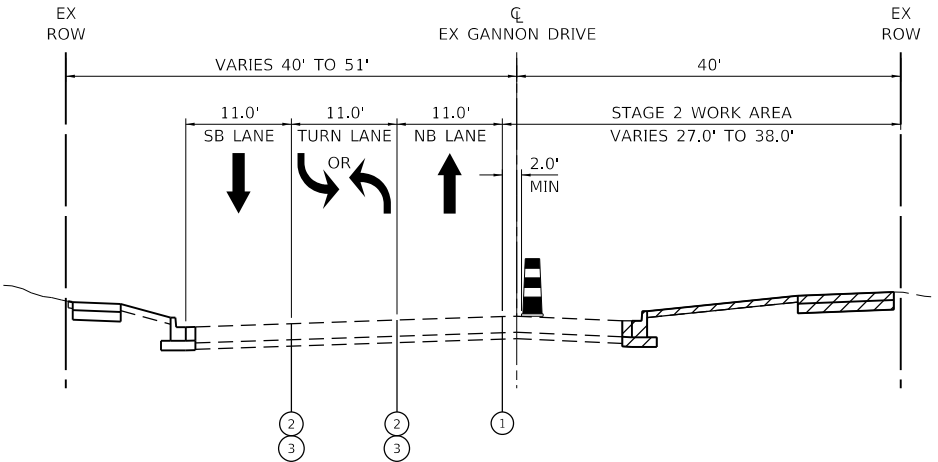
TEMPORARY PAVEMENT MARKING 6" (SOLID, WHITE)
- 4

EXISTING PAVEMENT MARKINGS



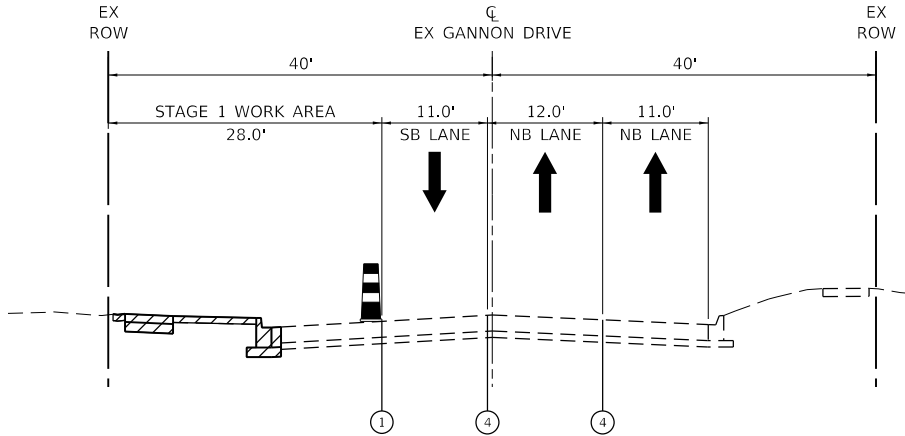
STAGE 1 TYPICAL SECTION

GANNON DRIVE  
STA 100+80.60 TO STA 104+28.57  
STA 110+13.31 TO STA 112+41.10



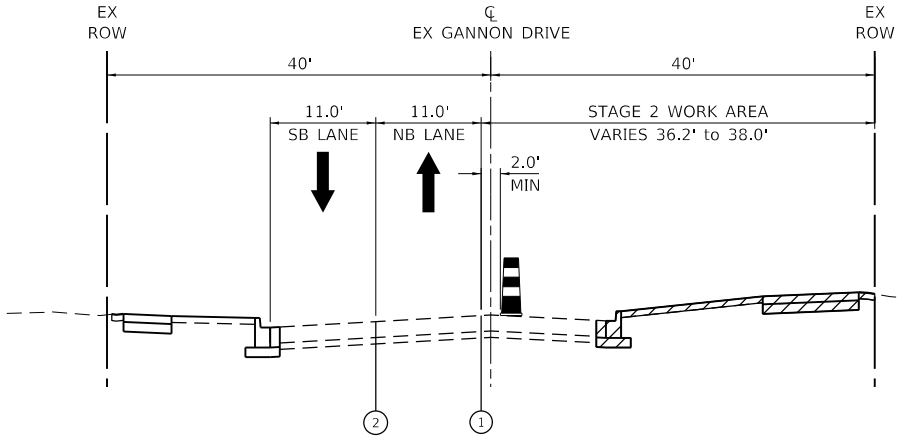
STAGE 2 TYPICAL SECTION

GANNON DRIVE  
STA 100+80.60 TO STA 104+28.57  
STA 110+13.31 TO STA 112+41.10



STAGE 1 TYPICAL SECTION

GANNON DRIVE  
STA 104+28.57 TO STA 110+31.31



STAGE 2 TYPICAL SECTION

GANNON DRIVE  
STA 104+28.57 TO STA 110+31.31

MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$STYLE\$

TRANSYSTEMS

USER NAME = \$USERS\$	DESIGNED - MRQ	REVISED -
DRAWN - KLB	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

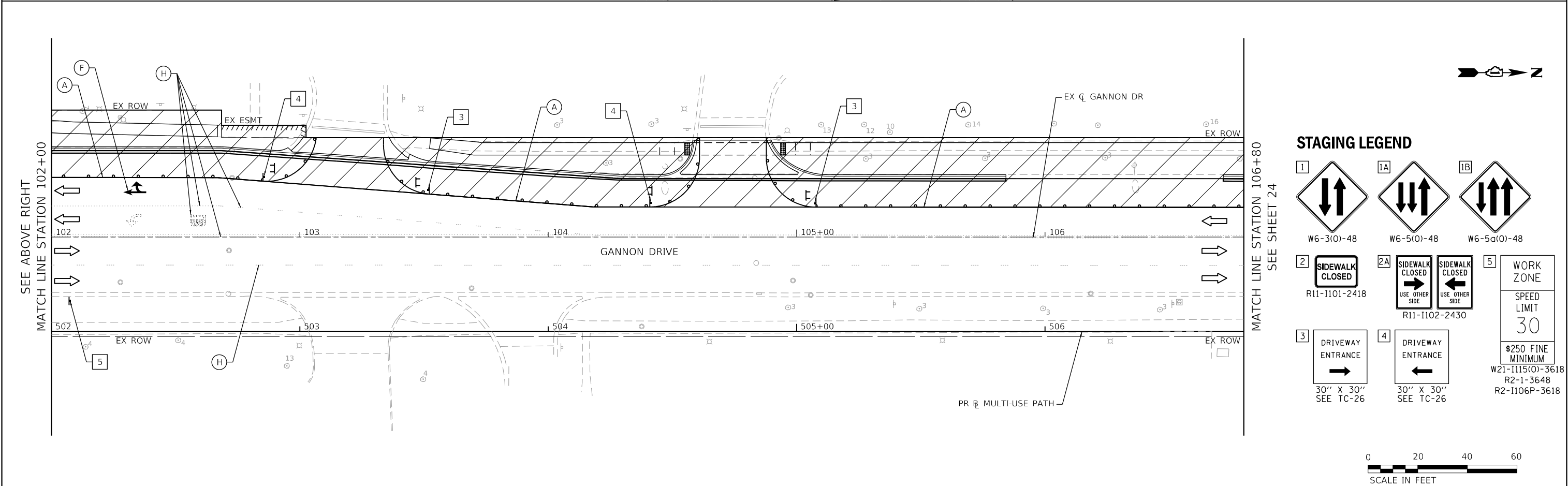
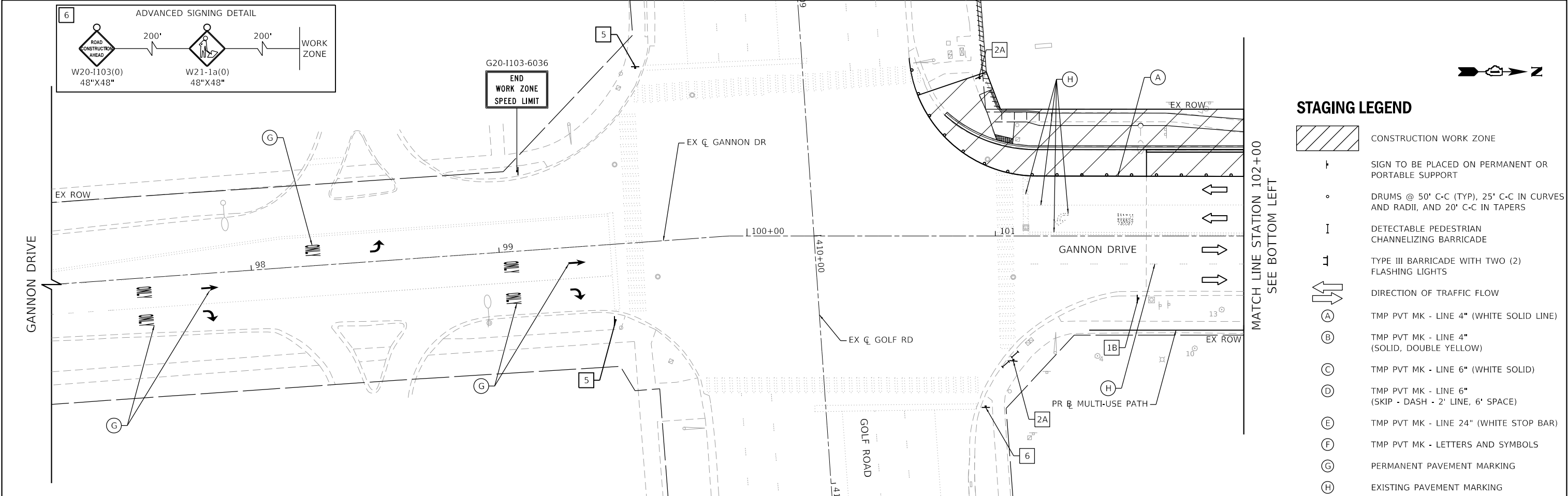
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
TYPICAL SECTIONS

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	22
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				





MODEL: S:\MODEL\NAMES  
FILE: 100125-1115-00-CH

TRANSYSTEMS

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DRAWN - KLB	REVISED -	
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PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
STAGE 1

SCALE: NONE SHEET 3 OF 7 SHEETS STA. 97+20.00 TO STA. 106+80.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	23
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

SEE SHEET 23

MATCH LINE STATION 106+80

MATCH LINE STATION 111+60  
SEE BOTTOM LEFT

STAGING LEGEND

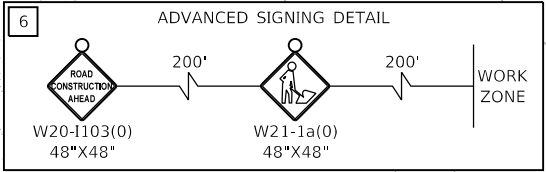
- CONSTRUCTION WORK ZONE
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- DRUMS @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- DIRECTION OF TRAFFIC FLOW
- TMP PVT MK - LINE 4" (WHITE SOLID LINE)
- TMP PVT MK - LINE 4" (SOLID, DOUBLE YELLOW)
- TMP PVT MK - LINE 6" (WHITE SOLID)
- TMP PVT MK - LINE 6" (SKIP - DASH - 2' LINE, 6' SPACE)
- TMP PVT MK - LINE 24" (WHITE STOP BAR)
- TMP PVT MK - LETTERS AND SYMBOLS
- PERMANENT PAVEMENT MARKING
- EXISTING PAVEMENT MARKING

SEE ABOVE RIGHT

MATCH LINE STATION 111+60

STAGING LEGEND

- W6-3(0)-48
- W6-5(0)-48
- W6-5a(0)-48
- R11-1101-2418
- R11-1102-2430
- WORK ZONE
- SPEED LIMIT 30
- \$250 FINE MINIMUM
- W21-1115(0)-3618
- R2-1-3648
- R2-I106P-3618
- 30" X 30" SEE TC-26
- 30" X 30" SEE TC-26



TRANSYSTEMS

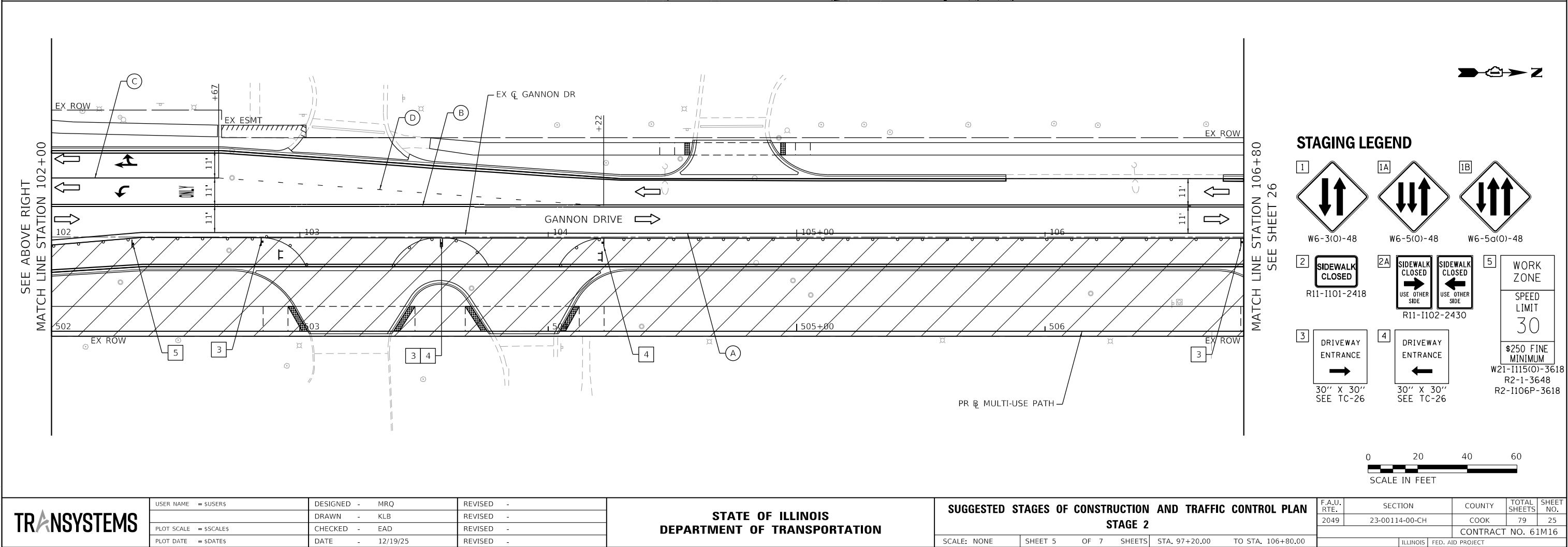
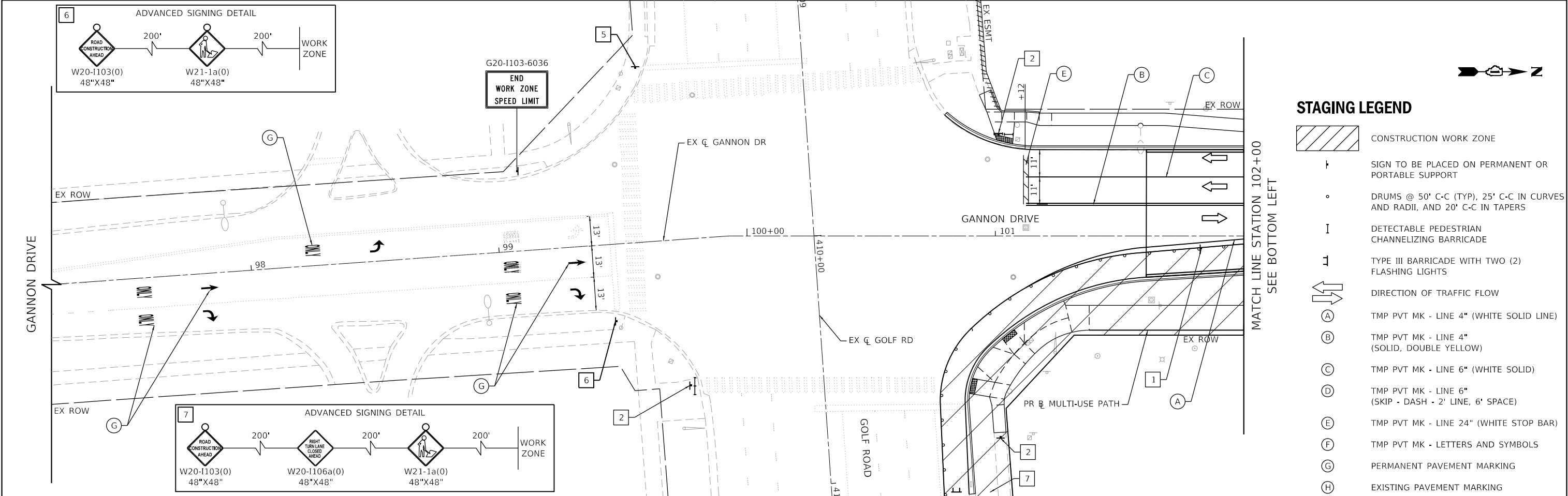
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DRAWN - KLB	REVISED -	
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PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
STAGE 1

SCALE: NONE SHEET 4 OF 7 SHEETS STA. 106+80.00 TO STA. 113+00.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	24
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				



MODEL: S:\MODEL\NAMES  
FILE: NAMED: STYLES

TRANSYSTEMS

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
DRAWN - KLB	REVISED -	
PLOT SCALE = \$SCALES	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

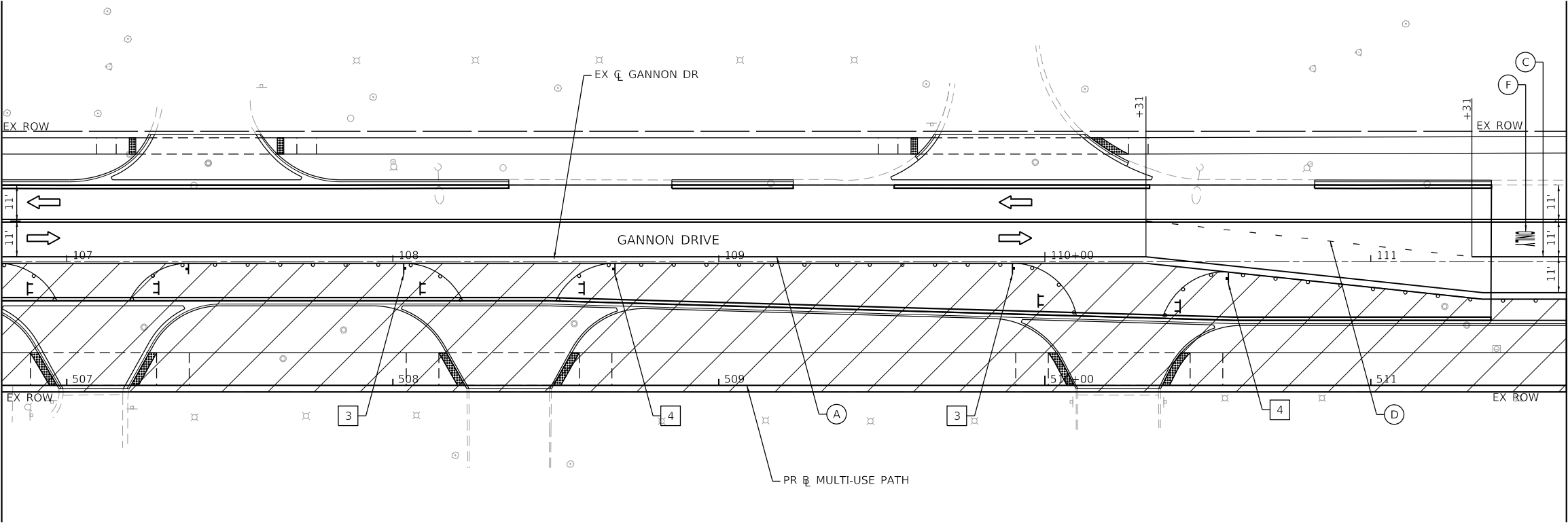
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
STAGE 2

SCALE: NONE SHEET 5 OF 7 SHEETS STA. 97+20.00 TO STA. 106+80.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	25
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

SEE SHEET 25

MATCH LINE STATION 106+80



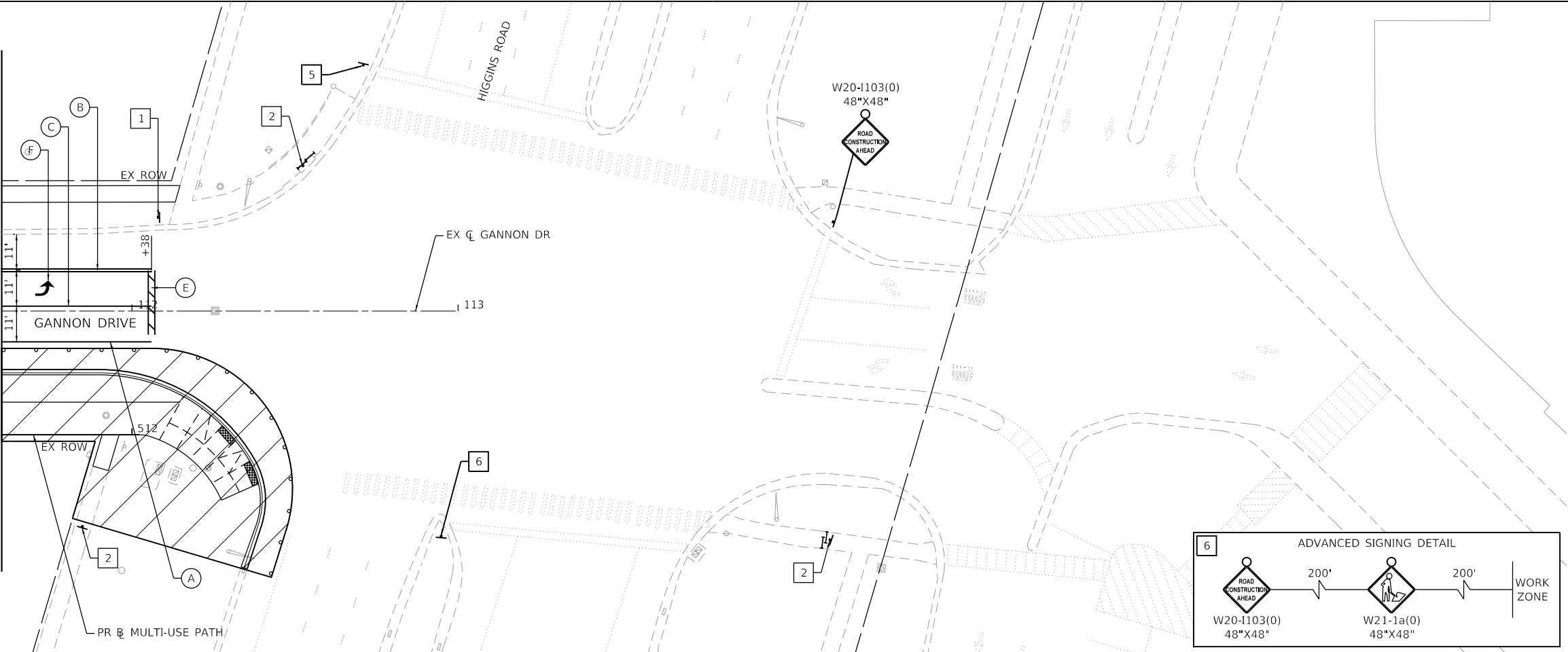
MATCH LINE STATION 111+60  
SEE BOTTOM LEFT

### STAGING LEGEND

- CONSTRUCTION WORK ZONE
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- DRUMS @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- DIRECTION OF TRAFFIC FLOW
- TMP PVT MK - LINE 4" (WHITE SOLID LINE)
- TMP PVT MK - LINE 4" (SOLID, DOUBLE YELLOW)
- TMP PVT MK - LINE 6" (WHITE SOLID)
- TMP PVT MK - LINE 6" (SKIP - DASH - 2' LINE, 6' SPACE)
- TMP PVT MK - LINE 24" (WHITE STOP BAR)
- TMP PVT MK - LETTERS AND SYMBOLS
- PERMANENT PAVEMENT MARKING
- EXISTING PAVEMENT MARKING

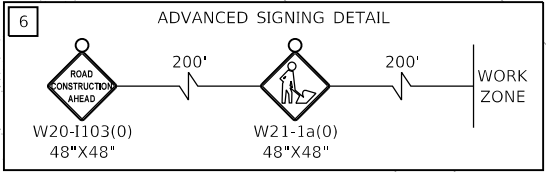
SEE ABOVE RIGHT

MATCH LINE STATION 111+60



### STAGING LEGEND

- W6-3(0)-48
- W6-5(0)-48
- W6-5a(0)-48
- R11-1101-2418
- R11-1102-2430
- R11-1102-2430
- 30" X 30" SEE TC-26
- 30" X 30" SEE TC-26
- W21-1115(0)-3618  
R2-1-3648  
R2-1106P-3618



**TRANSYSTEMS**

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
DRAWN - KLB	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
STAGE 2

SCALE: NONE SHEET 6 OF 7 SHEETS STA. 106+80.00 TO STA. 113+00.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	26
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

MODEL: SMODELNAMES  
FILE: NAMED: STYLES

TRANSYSTEMS

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	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALES\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES\$	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
STAGE 2

SCALE: NONE SHEET 7 OF 7 SHEETS STA. 97+20.00 TO STA. 102+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	27
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

GOLF ROAD



### STAGING LEGEND

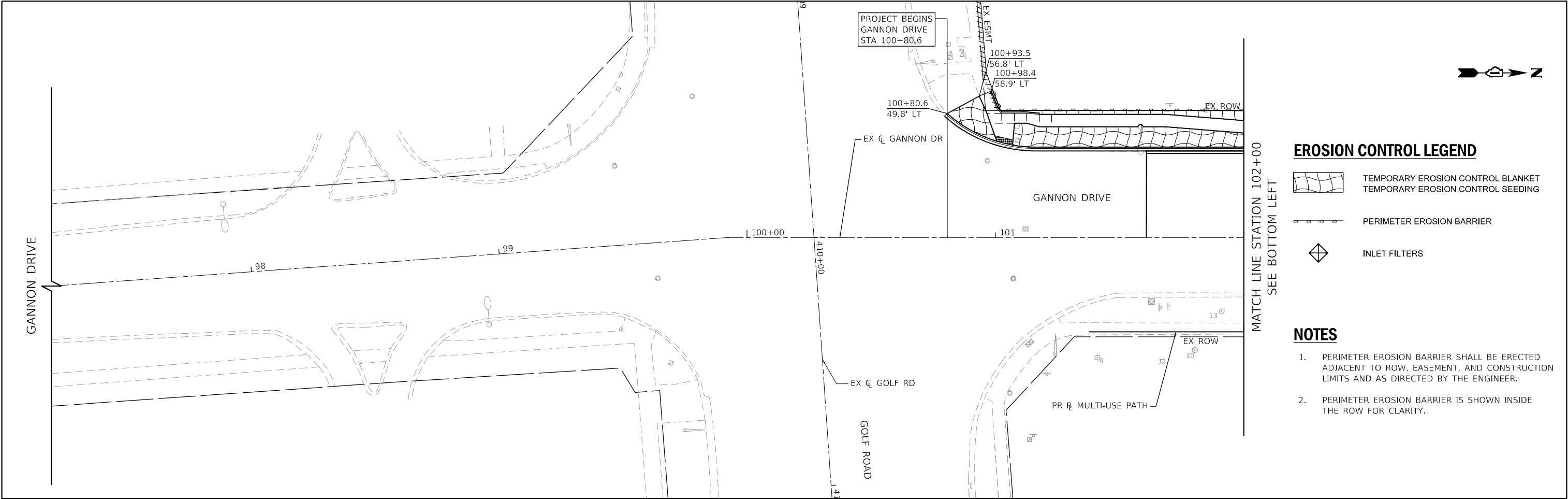
- CONSTRUCTION WORK ZONE
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- DRUMS @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- DIRECTION OF TRAFFIC FLOW
- TMP PVT MK - LINE 4" (WHITE SOLID LINE)
- TMP PVT MK - LINE 4" (SOLID, DOUBLE YELLOW)
- TMP PVT MK - LINE 6" (WHITE SOLID)
- TMP PVT MK - LINE 6" (SKIP - DASH - 2' LINE, 6' SPACE)
- TMP PVT MK - LINE 24" (WHITE STOP BAR)
- TMP PVT MK - LETTERS AND SYMBOLS
- PERMANENT PAVEMENT MARKING
- EXISTING PAVEMENT MARKING

### STAGING LEGEND

- W6-3(0)-48
- W6-5(0)-48
- W6-5a(0)-48
- R11-1101-2418
- R11-1102-2430
- WORK ZONE
- SPEED LIMIT 30
- \$250 FINE MINIMUM
- W21-1115(0)-3618
- R2-1-3648
- R2-1106P-3618
- 30" X 30" SEE TC-26
- 30" X 30" SEE TC-26

0 20 40 60  
SCALE IN FEET

GOLF ROAD

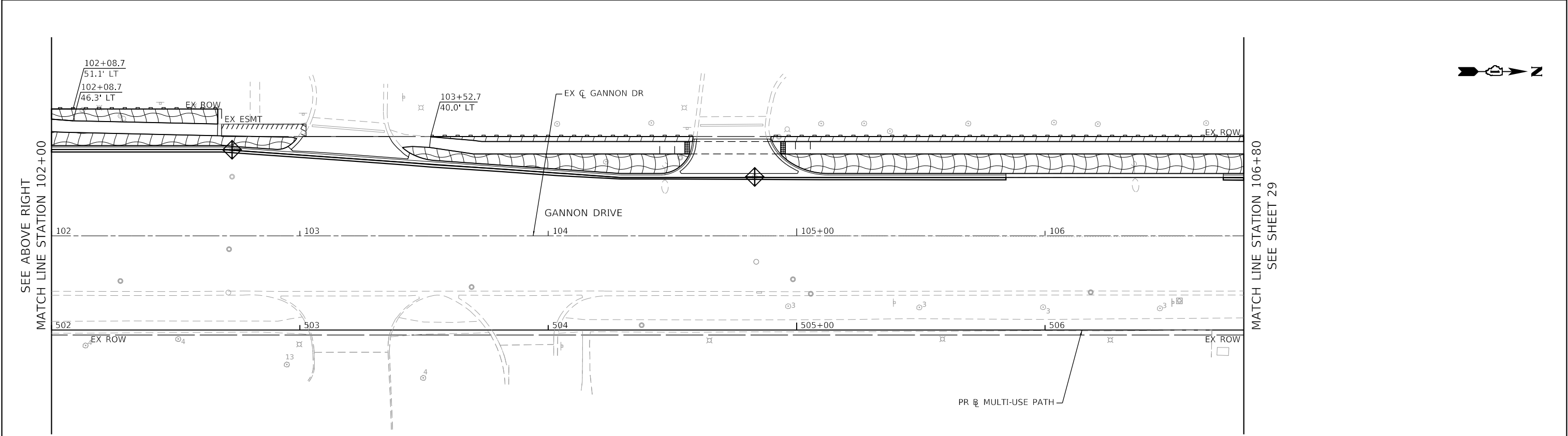


EROSION CONTROL LEGEND

- TEMPORARY EROSION CONTROL BLANKET  
TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET FILTERS

NOTES

- PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO ROW, EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
- PERIMETER EROSION BARRIER IS SHOWN INSIDE THE ROW FOR CLARITY.



MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$EXT\$

TRANSYSTEMS

USER NAME = \$USERS\$	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

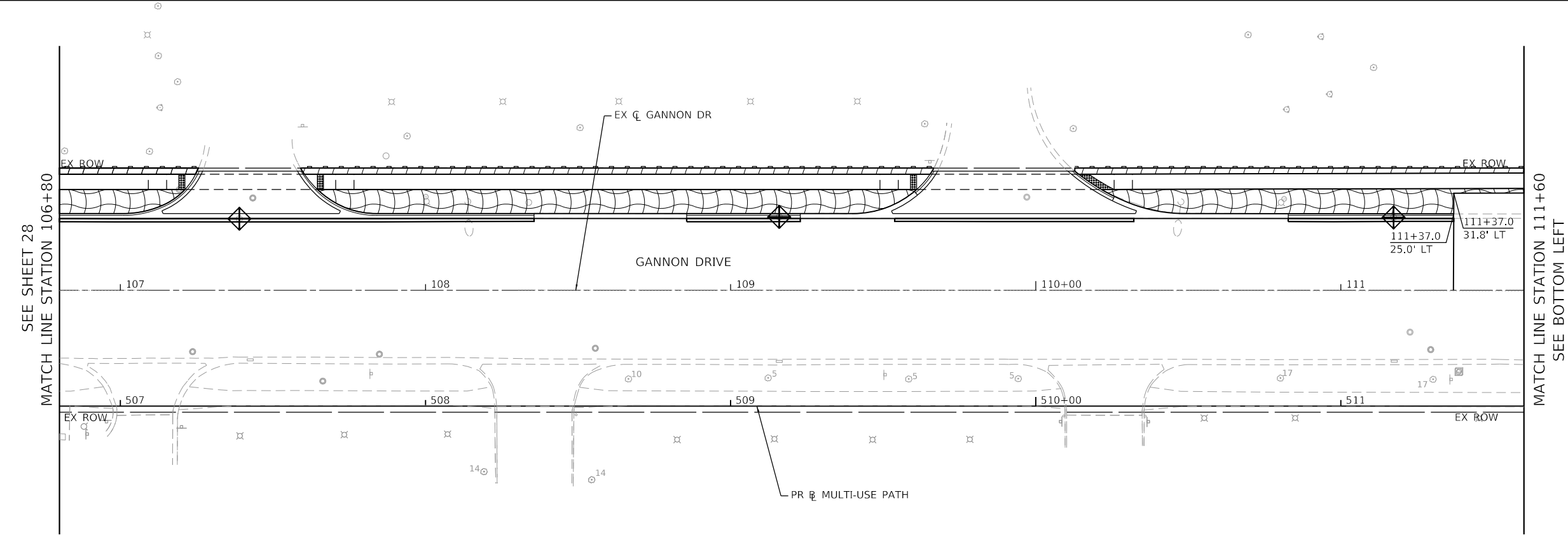
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL  
STAGE 1

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 97+20.00 TO STA. 106+80.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	28
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				





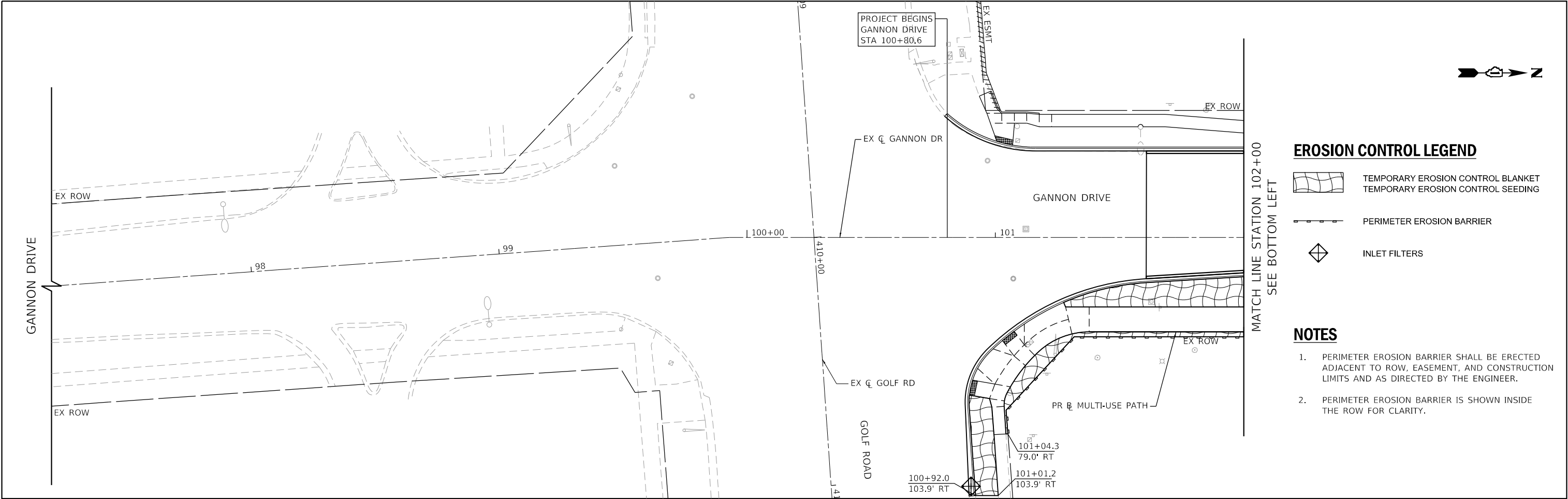
EROSION CONTROL LEGEND

- TEMPORARY EROSION CONTROL BLANKET  
TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET FILTERS

NOTES

- PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO ROW, EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
- PERIMETER EROSION BARRIER IS SHOWN INSIDE THE ROW FOR CLARITY.



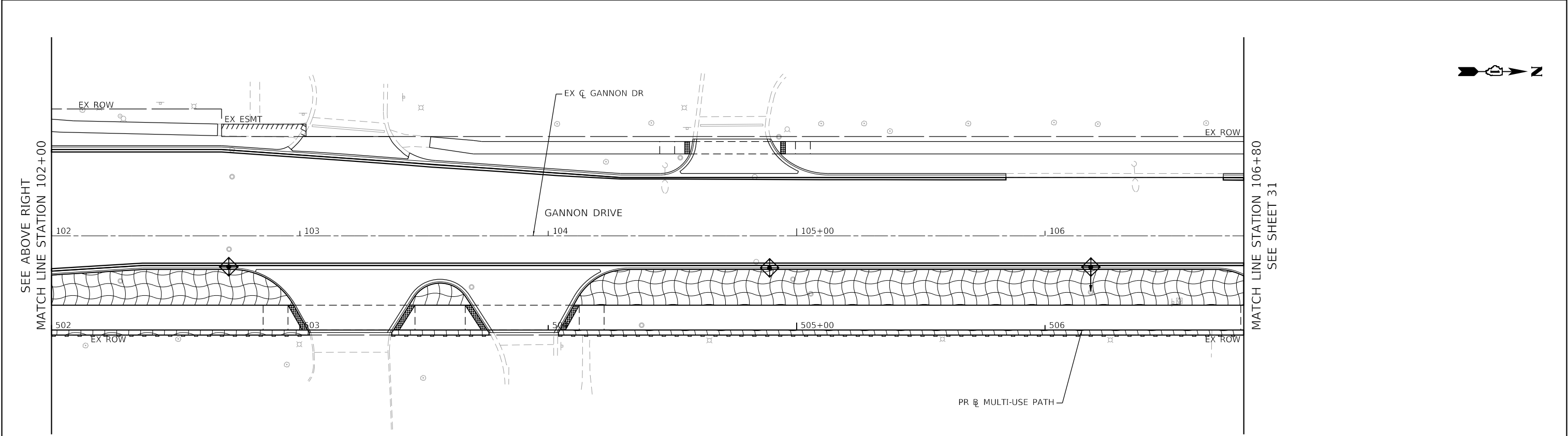


EROSION CONTROL LEGEND

- TEMPORARY EROSION CONTROL BLANKET  
TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET FILTERS

NOTES

- PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO ROW, EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
- PERIMETER EROSION BARRIER IS SHOWN INSIDE THE ROW FOR CLARITY.



MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$STYLE\$

TRANSYSTEMS

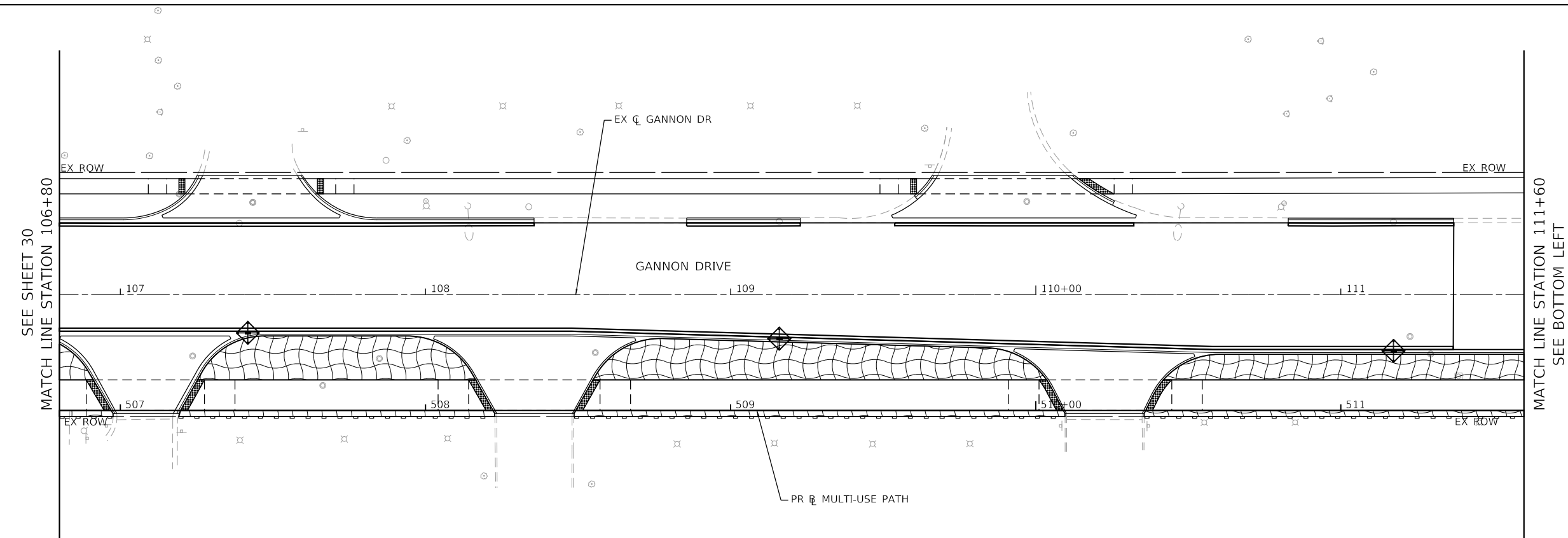
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	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL  
STAGE 2

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 97+20.00 TO STA. 106+80.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	30
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

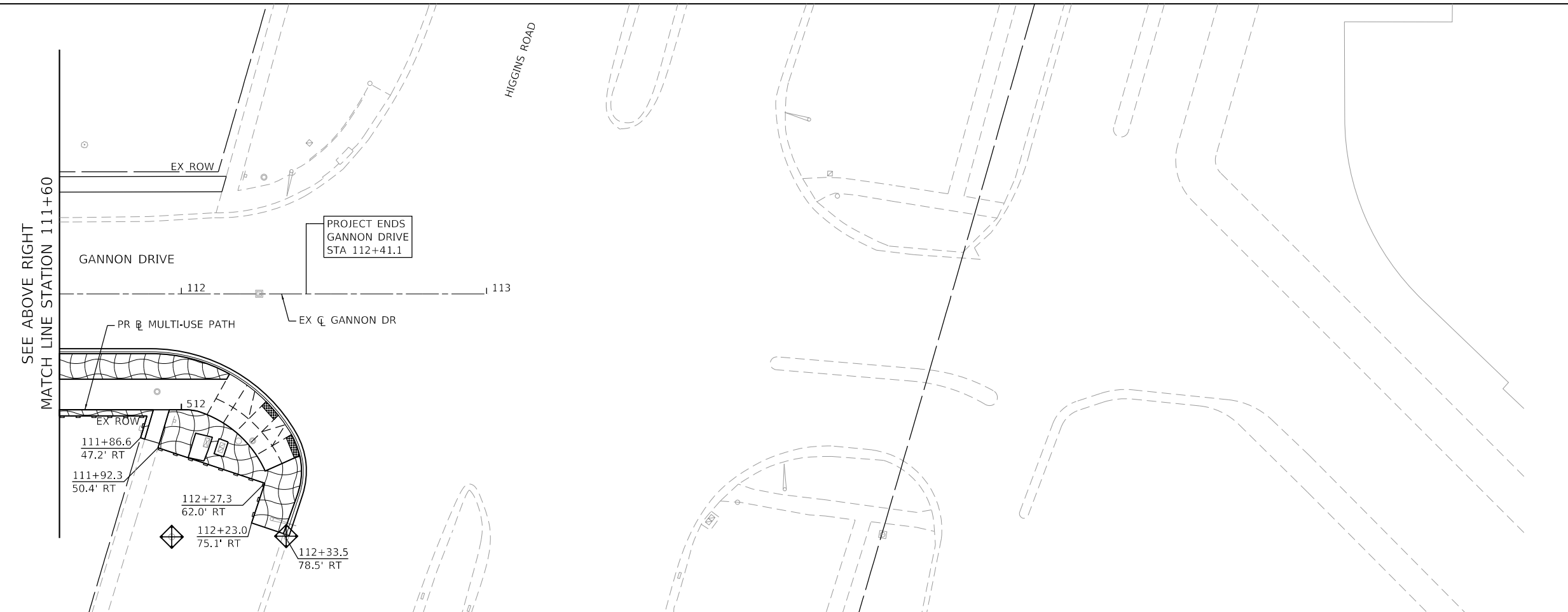


**EROSION CONTROL LEGEND**

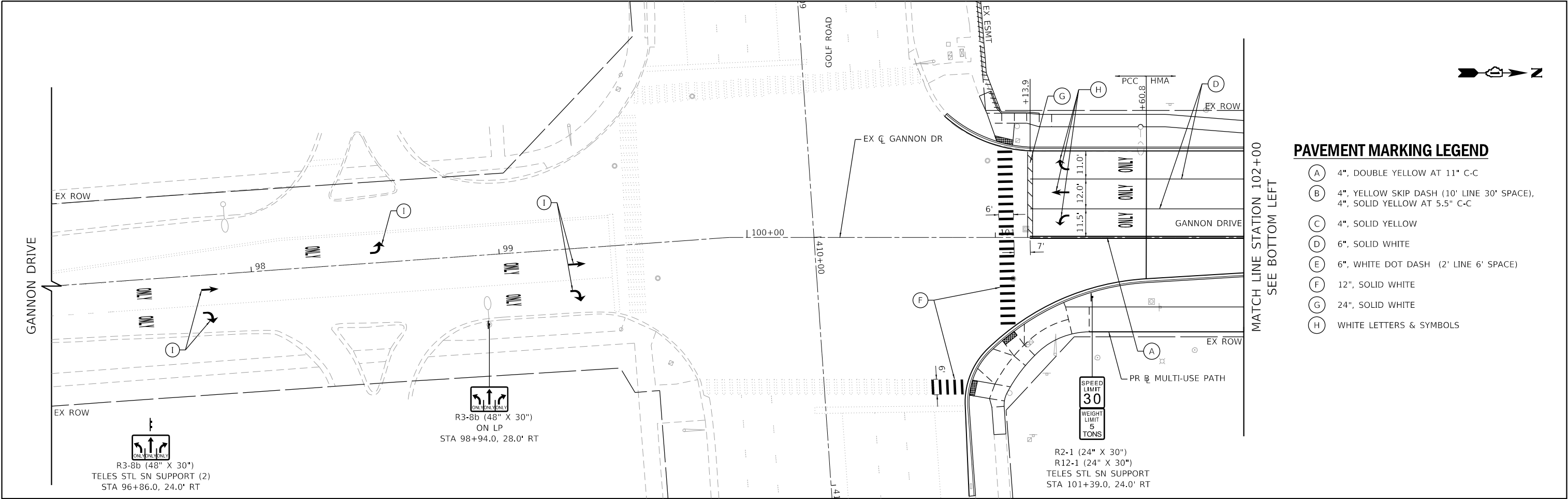
- TEMPORARY EROSION CONTROL BLANKET  
TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET FILTERS

**NOTES**

- PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO ROW, EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
- PERIMETER EROSION BARRIER IS SHOWN INSIDE THE ROW FOR CLARITY.

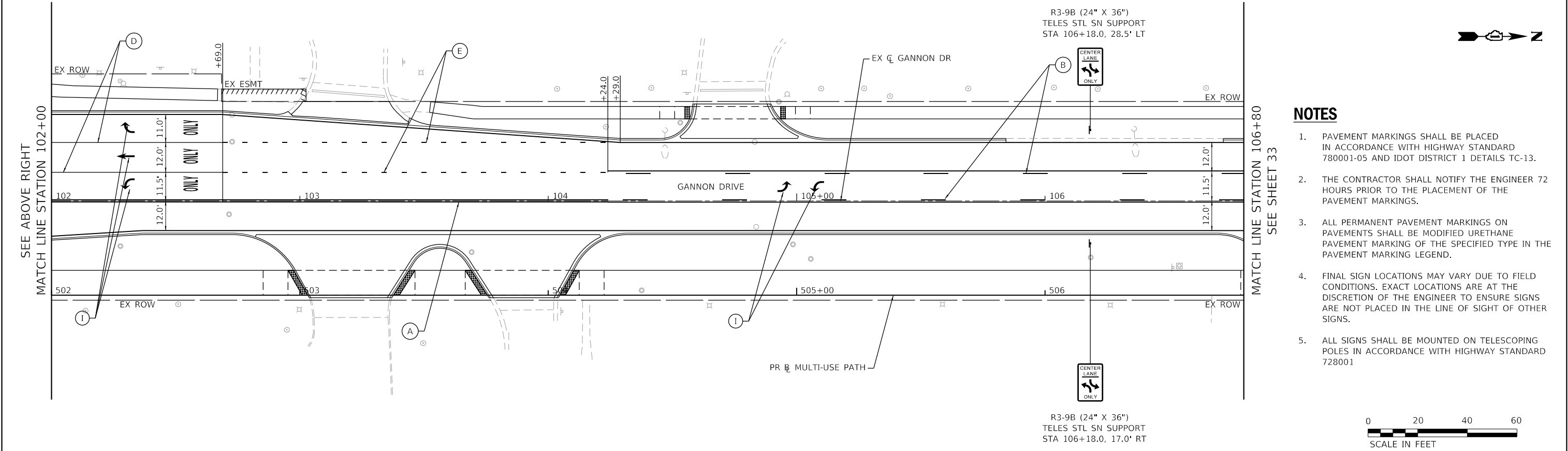


TRANSYSTEMS	USER NAME = \$USERS	DESIGNED - MRQ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENTATION CONTROL STAGE 2		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	DRAWN - KLB	REVISED -				2049	23-00114-00-CH	COOK	79	31
	PLOT DATE = \$DATES	CHECKED - EAD	REVISED -				CONTRACT NO. 61M16				
		DATE - 12/19/25	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE: 1"=20'		SHEET 4	OF 4	SHEETS	STA. 106+80.00 TO STA. 113+00.44						



**PAVEMENT MARKING LEGEND**

- (A) 4", DOUBLE YELLOW AT 11" C-C
- (B) 4", YELLOW SKIP DASH (10' LINE 30' SPACE), 4", SOLID YELLOW AT 5.5" C-C
- (C) 4", SOLID YELLOW
- (D) 6", SOLID WHITE
- (E) 6", WHITE DOT DASH (2' LINE 6' SPACE)
- (F) 12", SOLID WHITE
- (G) 24", SOLID WHITE
- (H) WHITE LETTERS & SYMBOLS



**NOTES**

- PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH HIGHWAY STANDARD 780001-05 AND IDOT DISTRICT 1 DETAILS TC-13.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER 72 HOURS PRIOR TO THE PLACEMENT OF THE PAVEMENT MARKINGS.
- ALL PERMANENT PAVEMENT MARKINGS ON PAVEMENTS SHALL BE MODIFIED URETHANE PAVEMENT MARKING OF THE SPECIFIED TYPE IN THE PAVEMENT MARKING LEGEND.
- FINAL SIGN LOCATIONS MAY VARY DUE TO FIELD CONDITIONS. EXACT LOCATIONS ARE AT THE DISCRETION OF THE ENGINEER TO ENSURE SIGNS ARE NOT PLACED IN THE LINE OF SIGHT OF OTHER SIGNS.
- ALL SIGNS SHALL BE MOUNTED ON TELESCOPING POLES IN ACCORDANCE WITH HIGHWAY STANDARD 728001



MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$EXT\$

**TRANSYSTEMS**

USER NAME = \$USERS\$	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

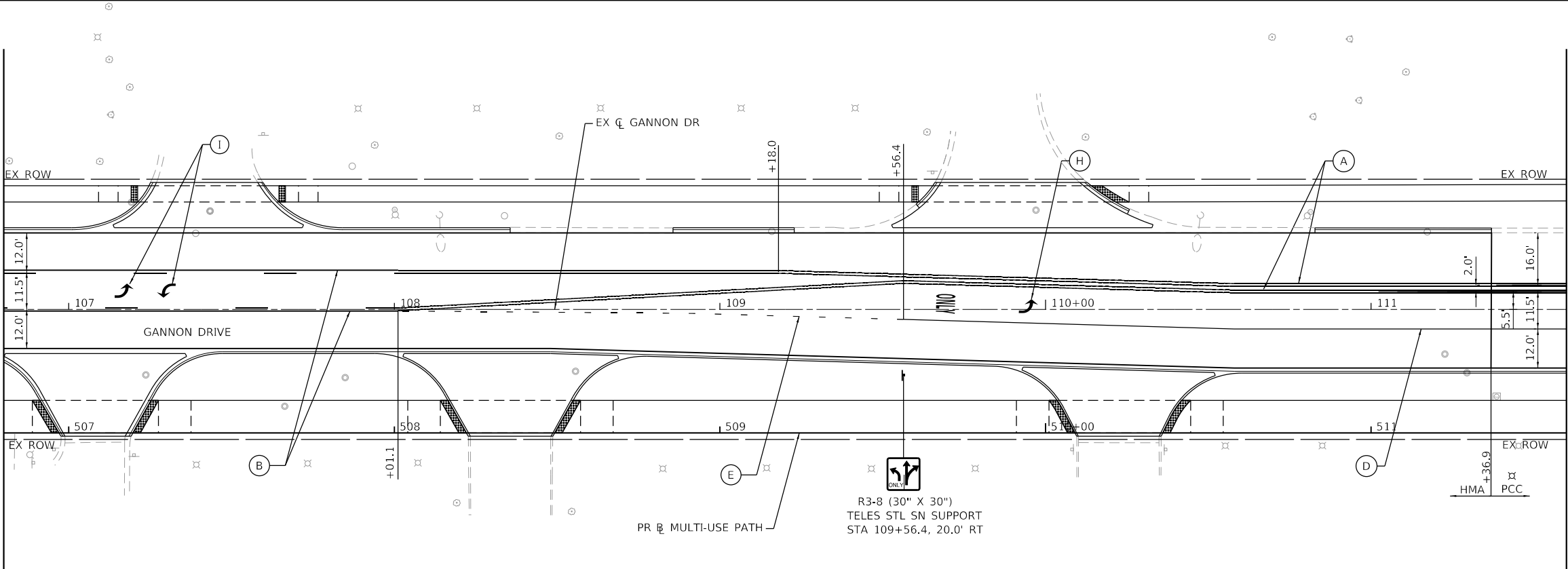
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 97+20.00 TO STA. 106+80.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	32
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

SEE SHEET 32  
MATCH LINE STATION 106+80



MATCH LINE STATION 111+60  
SEE BOTTOM LEFT

**PAVEMENT MARKING LEGEND**

- (A) 4", DOUBLE YELLOW AT 11" C-C
- (B) 4", YELLOW SKIP DASH (10' LINE 30' SPACE),  
4", SOLID YELLOW AT 5.5" C-C
- (C) 4", SOLID YELLOW
- (D) 6", SOLID WHITE
- (E) 6", WHITE DOT DASH (2' LINE 6' SPACE)
- (F) 12", SOLID WHITE
- (G) 24", SOLID WHITE
- (H) WHITE LETTERS & SYMBOLS

SEE ABOVE RIGHT  
MATCH LINE STATION 111+60



**NOTES**

1. PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH HIGHWAY STANDARD 780001-05 AND IDOT DISTRICT 1 DETAILS TC-13.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 72 HOURS PRIOR TO THE PLACEMENT OF THE PAVEMENT MARKINGS.
3. ALL PERMANENT PAVEMENT MARKINGS ON PAVEMENTS SHALL BE MODIFIED URETHANE PAVEMENT MARKING OF THE SPECIFIED TYPE IN THE PAVEMENT MARKING LEGEND.
4. FINAL SIGN LOCATIONS MAY VARY DUE TO FIELD CONDITIONS. EXACT LOCATIONS ARE AT THE DISCRETION OF THE ENGINEER TO ENSURE SIGNS ARE NOT PLACED IN THE LINE OF SIGHT OF OTHER SIGNS.
5. ALL SIGNS SHALL BE MOUNTED ON TELESCOPING POLES IN ACCORDANCE WITH HIGHWAY STANDARD 728001



MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$EXT\$

**TRANSYSTEMS**

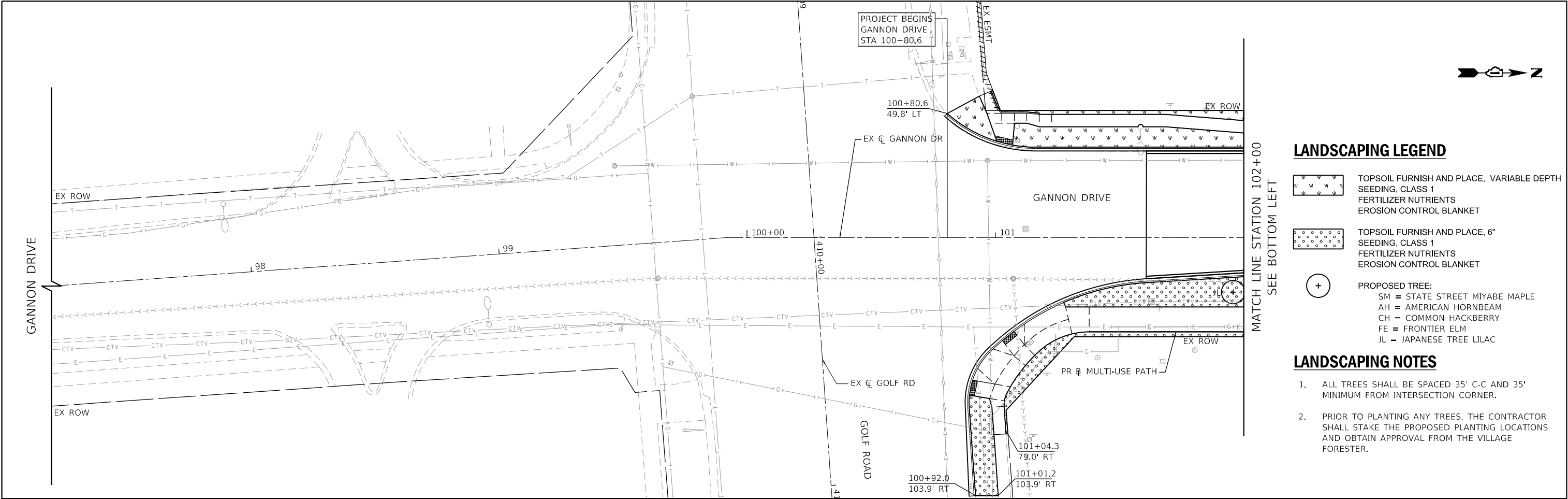
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PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

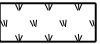
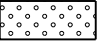

**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=20'    SHEET 2    OF 2    SHEETS    STA. 106+80.00    TO STA. 113+00.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	33
CONTRACT NO. 61M16				
ILLINOIS   FED. AID PROJECT				

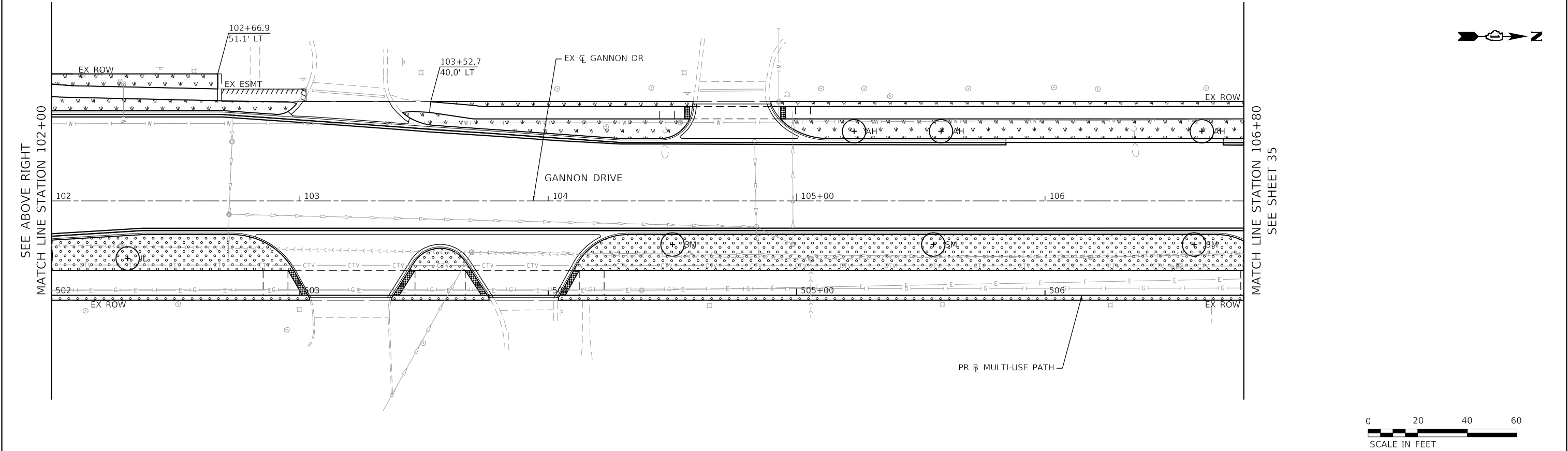


### LANDSCAPING LEGEND

-  TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH  
SEEDING, CLASS 1  
FERTILIZER NUTRIENTS  
EROSION CONTROL BLANKET
-  TOPSOIL FURNISH AND PLACE, 6"  
SEEDING, CLASS 1  
FERTILIZER NUTRIENTS  
EROSION CONTROL BLANKET
-  PROPOSED TREE:  
SM = STATE STREET MIYABE MAPLE  
AH = AMERICAN HORNBEAM  
CH = COMMON HACKBERRY  
FE = FRONTIER ELM  
JL = JAPANESE TREE LILAC

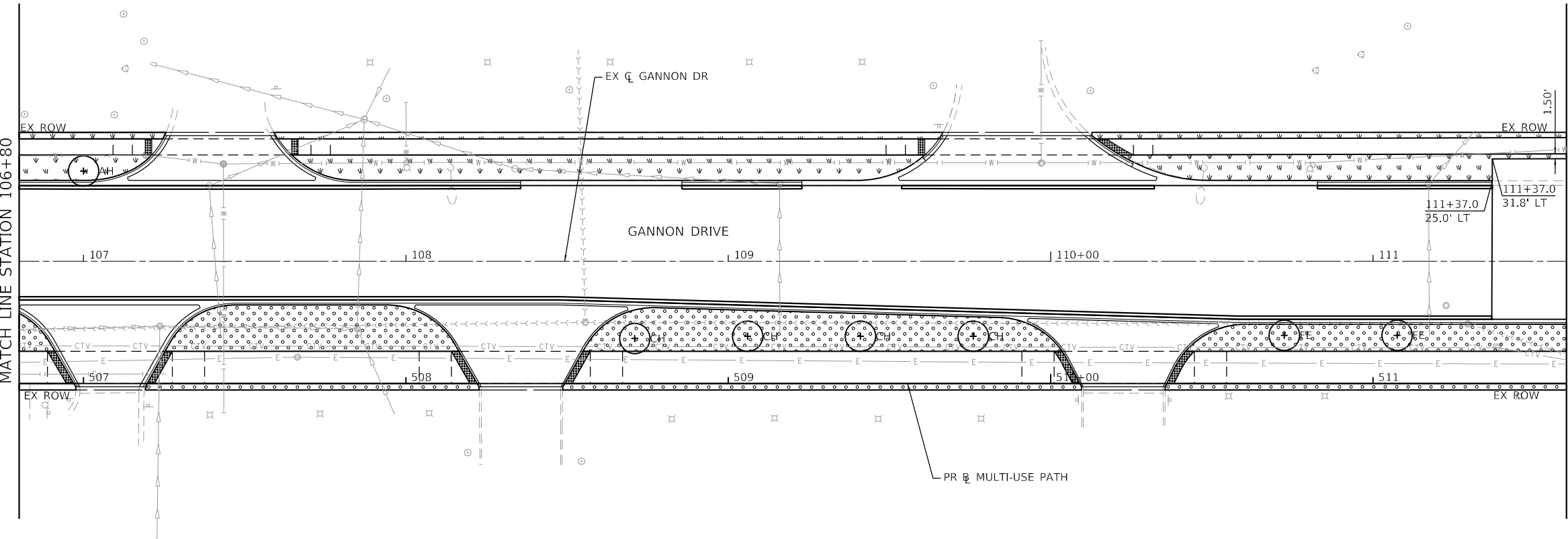
### LANDSCAPING NOTES

- ALL TREES SHALL BE SPACED 35' C-C AND 35' MINIMUM FROM INTERSECTION CORNER.
- PRIOR TO PLANTING ANY TREES, THE CONTRACTOR SHALL STAKE THE PROPOSED PLANTING LOCATIONS AND OBTAIN APPROVAL FROM THE VILLAGE FORESTER.



SEE SHEET 34  
MATCH LINE STATION 106+80

MATCH LINE STATION 111+60  
SEE BOTTOM LEFT



LANDSCAPING LEGEND

TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH  
SEEDING, CLASS 1  
FERTILIZER NUTRIENTS  
EROSION CONTROL BLANKET

TOPSOIL FURNISH AND PLACE, 6"  
SEEDING, CLASS 1  
FERTILIZER NUTRIENTS  
EROSION CONTROL BLANKET

PROPOSED TREE:  
SM = STATE STREET MIYABE MAPLE  
AH = AMERICAN HORNBEAM  
CH = COMMON HACKBERRY  
FE = FRONTIER ELM  
JL = JAPANESE TREE LILAC

- LANDSCAPING NOTES
1.

ALL TREES SHALL BE SPACED 35' C-C AND 35' MINIMUM FROM INTERSECTION CORNER.
2.

PRIOR TO PLANTING ANY TREES, THE CONTRACTOR SHALL STAKE THE PROPOSED PLANTING LOCATIONS AND OBTAIN APPROVAL FROM THE VILLAGE FORESTER.

SEE ABOVE RIGHT  
MATCH LINE STATION 111+60



MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$STYLE\$

TRANSYSTEMS

USER NAME = \$USERS\$	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN

SCALE: 1"=20'    SHEET 2    OF 2    SHEETS    STA. 106+80.00    TO STA. 113+00.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	35
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

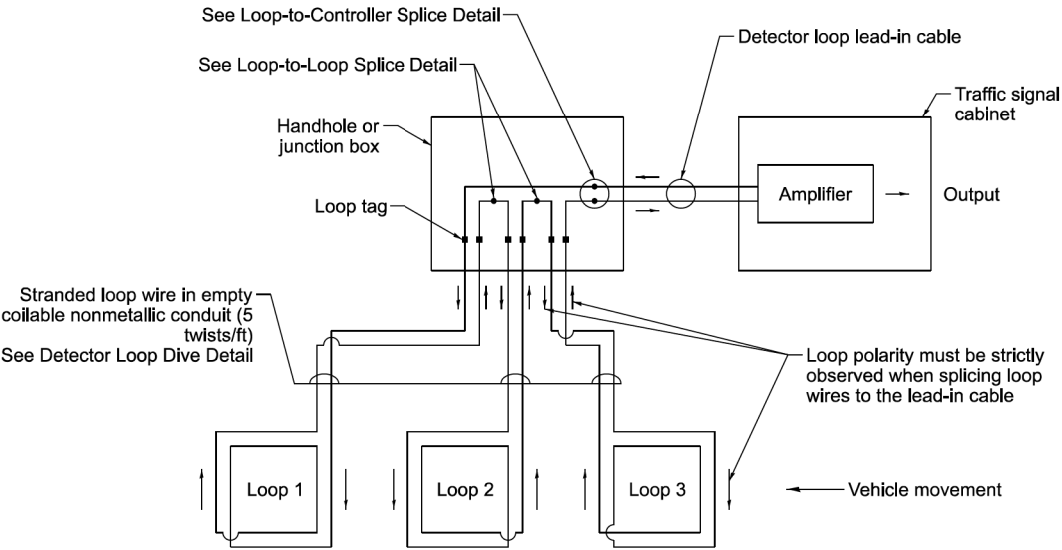
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
Traffic Signal Cabinet			Handhole			Signal Head		
Uninterruptable Power Supply			-Square			-(P) Programmable Signal Head		
Communication Cabinet			-Round			-(EV) Elongated Visors		
Master Controller			Double Handhole			Signal Head with Backplate		
Master Master Controller			Heavy Duty Handhole			-(RB) Retroreflective Backplate		
Service Installation			-Square			-(P) Programmable Signal Head		
-(P) Pole Mounted			-Round			-(EV) Elongated Visors		
Service Installation			Junction Box			Pedestrian Signal Head		
-(G) Ground Mounted			Railroad Cantilever Mast Arm			with Countdown Timer		
-(GM) Ground Mounted Metered			Railroad Flashing Signal			Illuminated LED Sign		
Cellular Modem			Railroad Crossing Gate			"NO LEFT TURN"/"NO RIGHT TURN"		
Telephone Connection			Railroad Crossbuck			Electric Cable, Signal, No. 14 -		
Steel Mast Arm Assembly and Pole			Railroad Controller Bungalow			2/C, 3/C, 5/C, 7/C		
Aluminum Mast Arm Assembly and Pole			Underground Conduit (UC),			Electric Cable, Lead-In, No. 14, 1 Pair		
Steel Combination Mast Arm Assembly			Galvanized Steel			Service Cable, 2/C -		
and Pole with Luminaire			Temporary Span Wire,			No. 2, No. 4, No. 6		
Signal Post			Tether Wire, and Cable			Ground Cable		
-(BM) Barrel Mounted - Temporary			System Item			No. 6 Solid Copper (Green), 1/C		
Wood Pole			Intersection Item			Electric Cable, Tracer, No. 14, 1/C		
Guy Wire			Removal Item			Electric Cable, Railroad, No. 14, 3/C		
Signal Head			Relocate Item			Electric Cable, Street Name Sign		
Signal Head with Backplate			Abandon Item			No. 14, 3/C, Type SOOW		
Signal Head - Programmable			Controller Cabinet and			Vendor Cable		
Flasher Installation			Foundation to be Removed			Emergency Vehicle Priority Line		
-(FS) Solar Powered			Mast Arm Pole and			Sensor Cable, No. 20, 3/C		
Pedestrian Signal Head			Foundation to be Removed			Outdoor Rated Network Cable		
Pedestrian Push Button			Signal Post and			Fiber Optic Cable		
-(APS) Accessible Pedestrian Push Button			Foundation to be Removed			-12F: 12 Multimode		
Radar Detection Sensor			Detector Loop, Type I			-24F: 12 Multimode / 12 Single Mode		
Video Detection Camera			Preformed Detector Loop			-36F: 12 Multimode / 24 Single Mode		
Radar/Video Detection Zone			Wireless Detector Sensor			-24SM: 24 Single Mode		
Pan, Tilt, Zoom (PTZ) Camera						-48SM: 48 Single Mode		
Emergency Vehicle Light Detector						Ground Rod		
Confirmation Beacon						-(C) Controller		
Wireless Interconnect						-(M) Mast Arm		
Wireless Interconnect Radio Repeater						-(P) Post		
Wireless Access Point						-(S) Service		

TS SHT NO. 1	USER NAME = Iovan,plascenda	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS				FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - IP	REVISED -						2049	23-00114-00-CH	COOK	79	36
		CHECKED - NB/KK	REVISED -						TS-01		CONTRACT NO. 61M16		
		DATE - 10/15/2025	REVISED -		SCALE: NTS	SHEET 1	OF 7	SHEETS	STA.	TO STA.		ILLINOIS	
									FED.AID PROJECT				

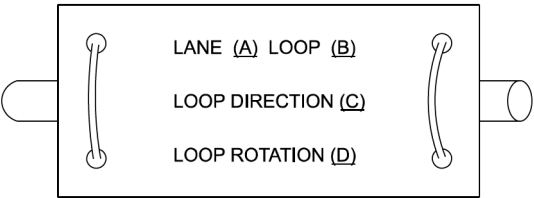


DETECTOR LOOP NOTES:

1. LOOPS SHALL BE SPICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" APART.
9. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS.
10. PREFORMED DETECTOR LOOPS SHALL BE USED WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

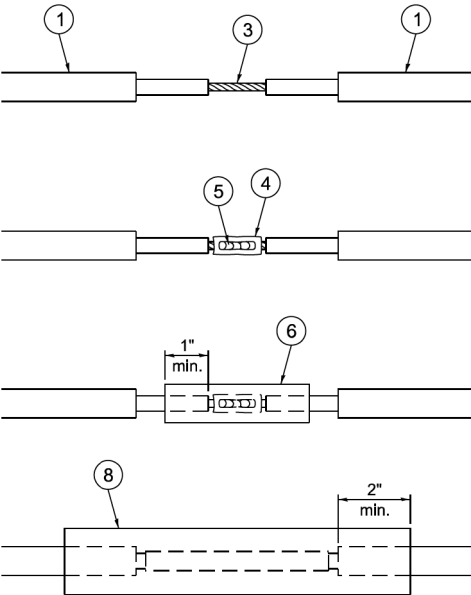


DETECTOR LOOP WIRING SCHEMATIC



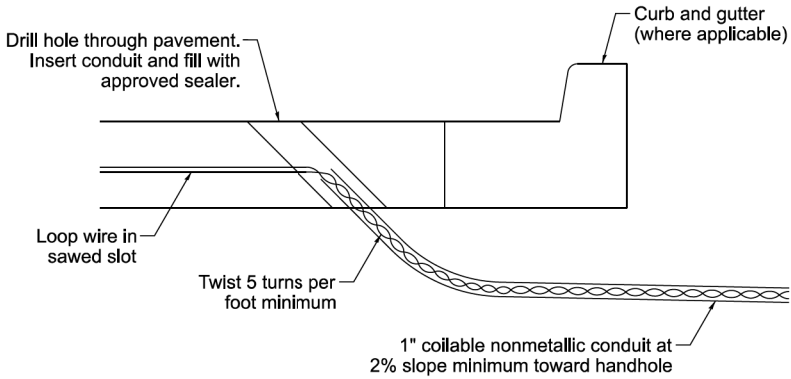
- A. Lane 1 is the lane closest to the centerline of the roadway.
- B. Loop #1 is the loop closest to the intersection.
- C. Label loop cable "in" or loop cable "out".
- D. Label loop cable clockwise or loop cable counterclockwise.

DETECTOR LOOP LEAD-IN CABLE TAG

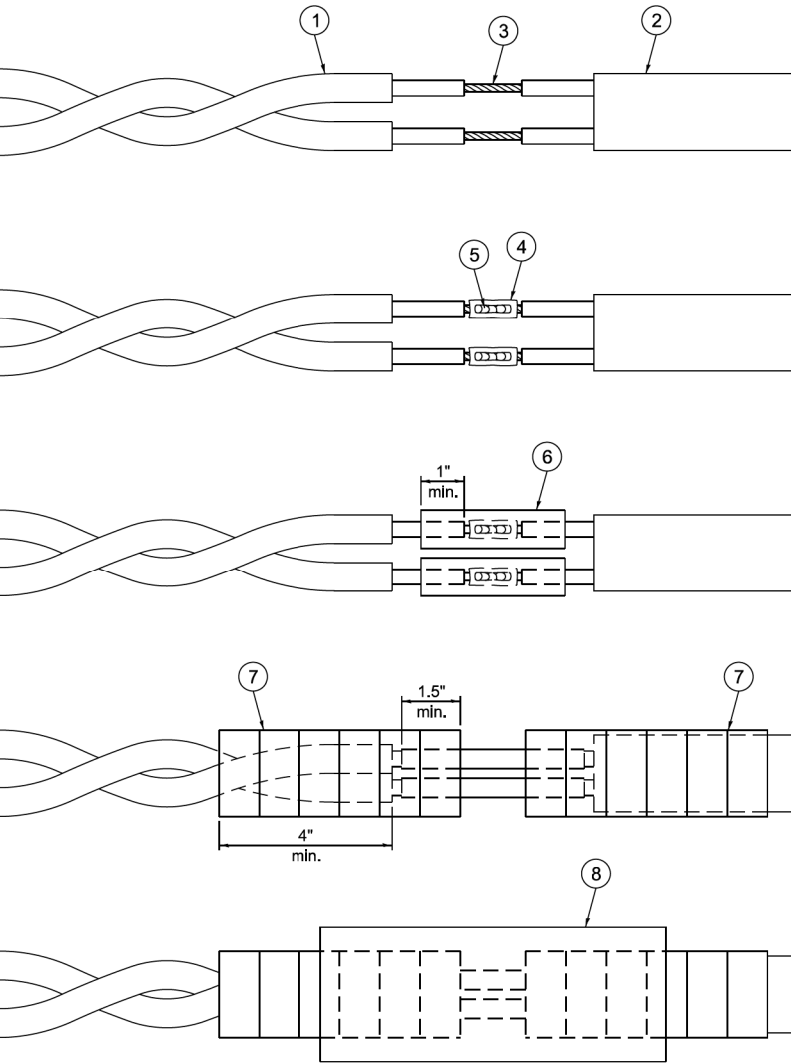


LOOP-TO-LOOP SPICE DETAIL

- 1 Detector loop cable.
- 2 Detector loop lead-in cable
- 3 Bare conductors twisted together.
- 4 Butt splice crimp connector.
- 5 Splice soldered with rosin core flux. All exposed surfaces of the solder shall be smooth. The splices shall be staggered.
- 6 WCSMW 30/100 heat shrink tube, 3" minimum length, underwater grade.
- 7 Self-infused, silicone electrical tape tightly wrapped around cables.
- 8 WCS 200/750 heat shrink tube, 8" minimum length, underwater grade.



DETECTOR LOOP DIVE DETAIL



LOOP-TO-CONTROLLER SPICE DETAIL

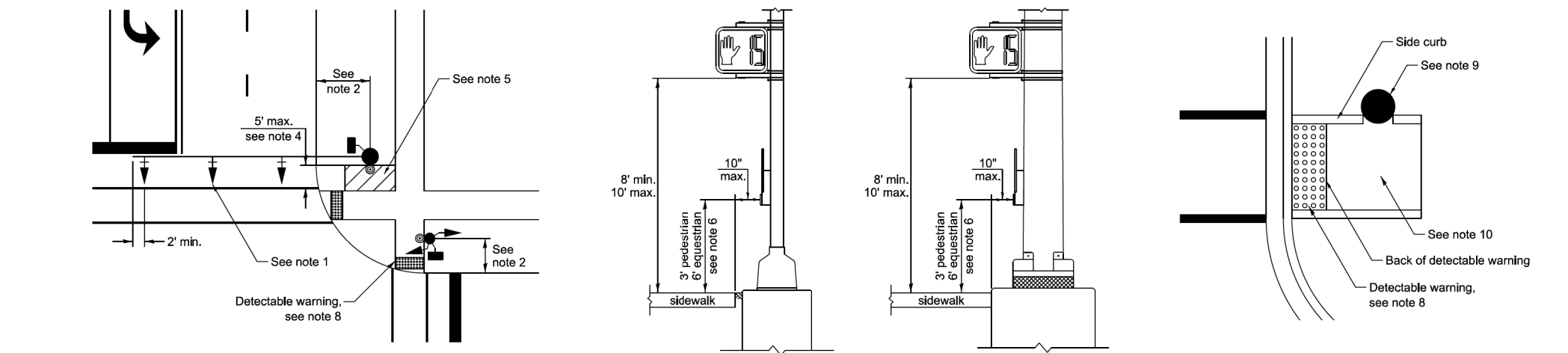
TS SHT NO. 2

	USER NAME   = Iovan,plascenda	DESIGNED   -   IP	REVISED   -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS	SCALE: NTS	SHEET 2	OF 7	SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN   -   IP	REVISED   -									2049	23-00114-00-CH	COOK	79	37
		CHECKED   -   NB/KK	REVISED   -									TS-01		CONTRACT NO. 61M16		
	PLOT DATE   =	DATE   -   10/15/2025	REVISED   -									ILLINOIS   FED. AID PROJECT				

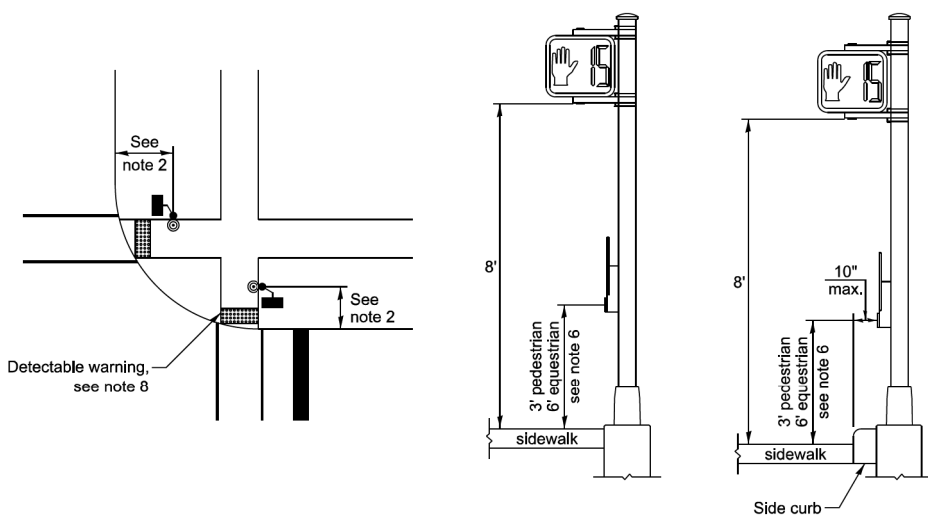
NOTES:

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

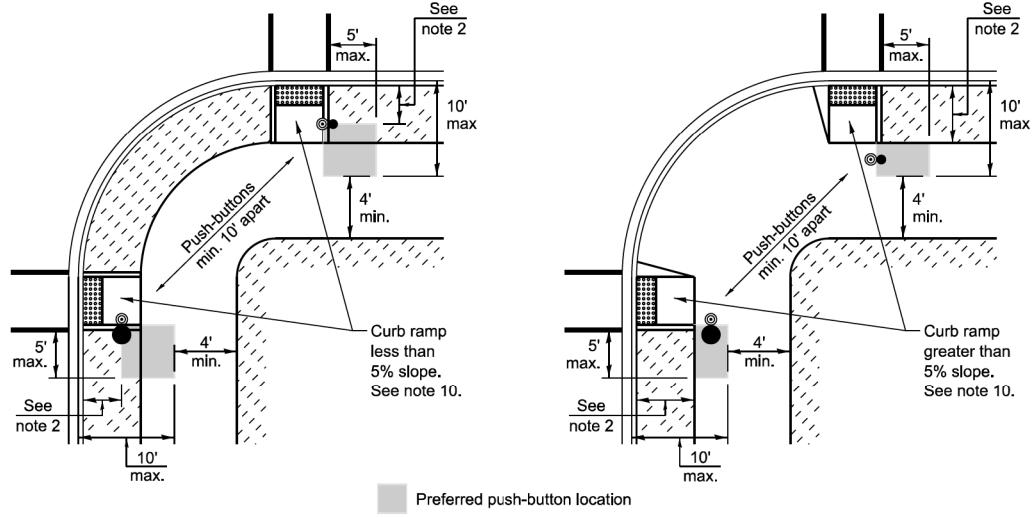
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST



PEDESTRIAN SIGNAL POST



PUSH-BUTTON LOCATIONS



TRAFFIC SIGNAL EQUIPMENT	BARRIER CURB (MINIMUM DISTANCE FROM THE BACK OF CURB TO THE CENTER OF THE FOUNDATION)	SHOULDER / NON-BARRIER CURB (MINIMUM DISTANCE FROM THE EDGE LINE OF THE RIGHT-MOST LANE TO THE CENTER OF THE FOUNDATION)
Mast arm assembly and pole	6'	Shoulder width + 2', minimum 10'
Signal post	4'	Shoulder width + 2', minimum 10'
Pedestrian signal post	4'	4' - See note 2
Temporary wood pole	6'	Shoulder width + 2', minimum 10'
Traffic signal cabinet	6' - See Note 3	Shoulder width + 6', minimum 16' - See note 3
Service cabinet	6' - See Note 3	Shoulder width + 6', minimum 16' - See note 3

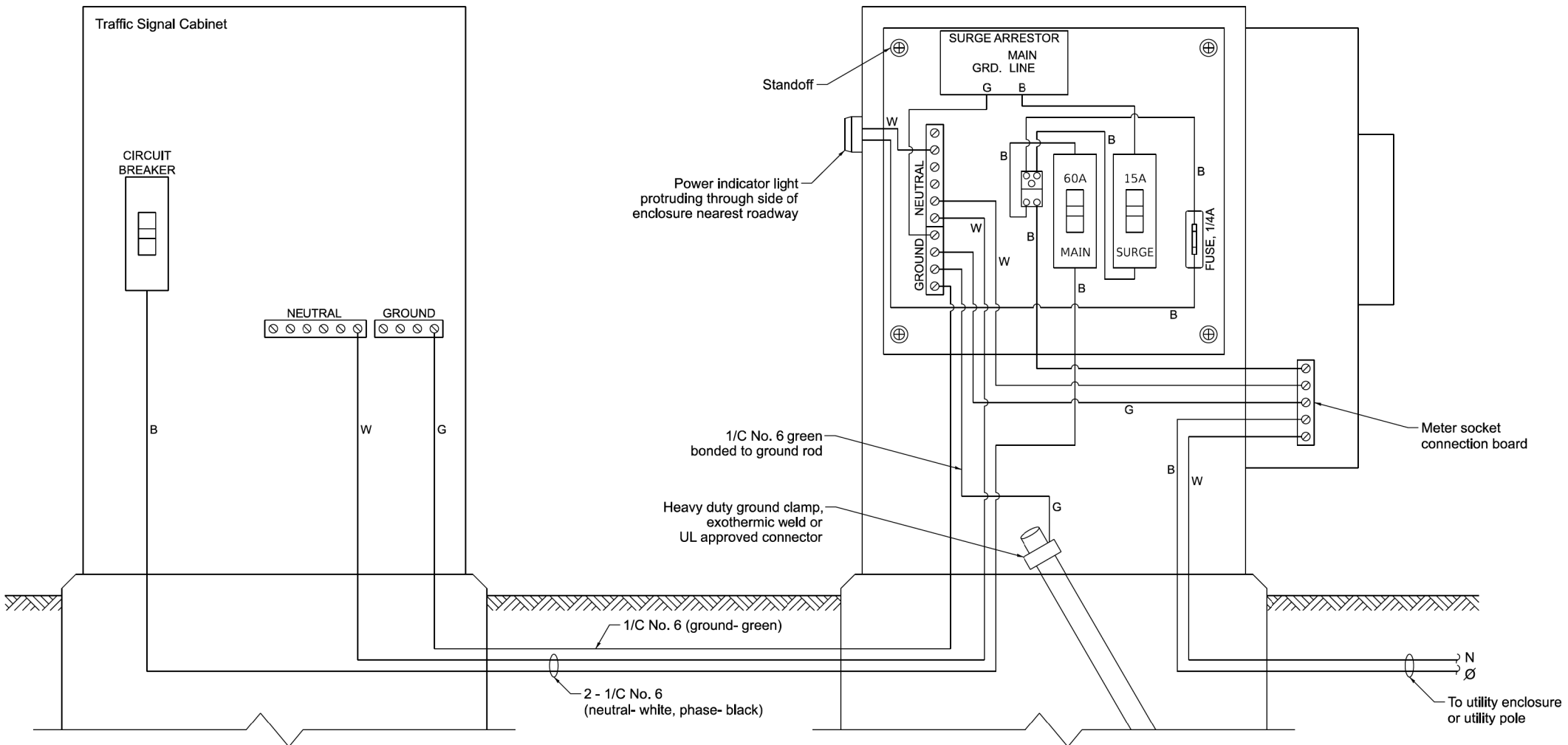
TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS

NOTES:

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

TS SHT NO. 3

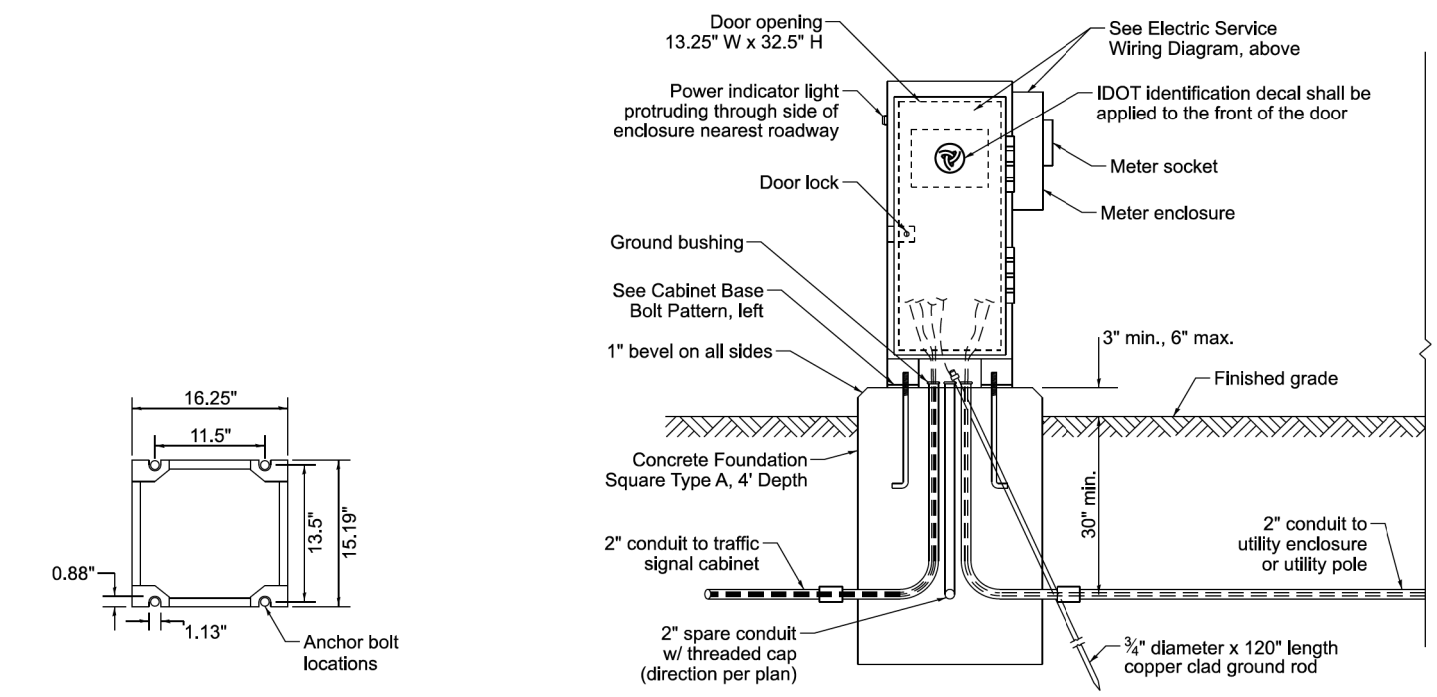
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		DRAWN - IP	REVISED -									2049	23-00114-00-CH	COOK	79	38
		CHECKED - NB/KK	REVISED -										TS-01			
		DATE - 10/15/2025	REVISED -												CONTRACT NO. 61M16	



ELECTRIC SERVICE WIRING DIAGRAM IN GROUND MOUNTED SERVICE CABINET

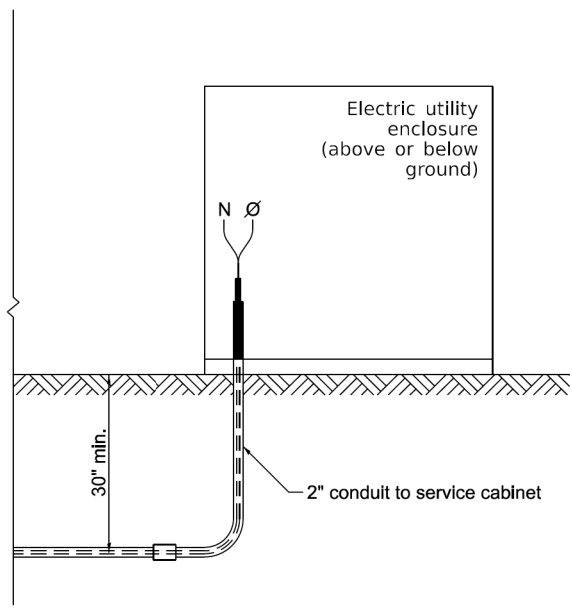
NOTES:

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

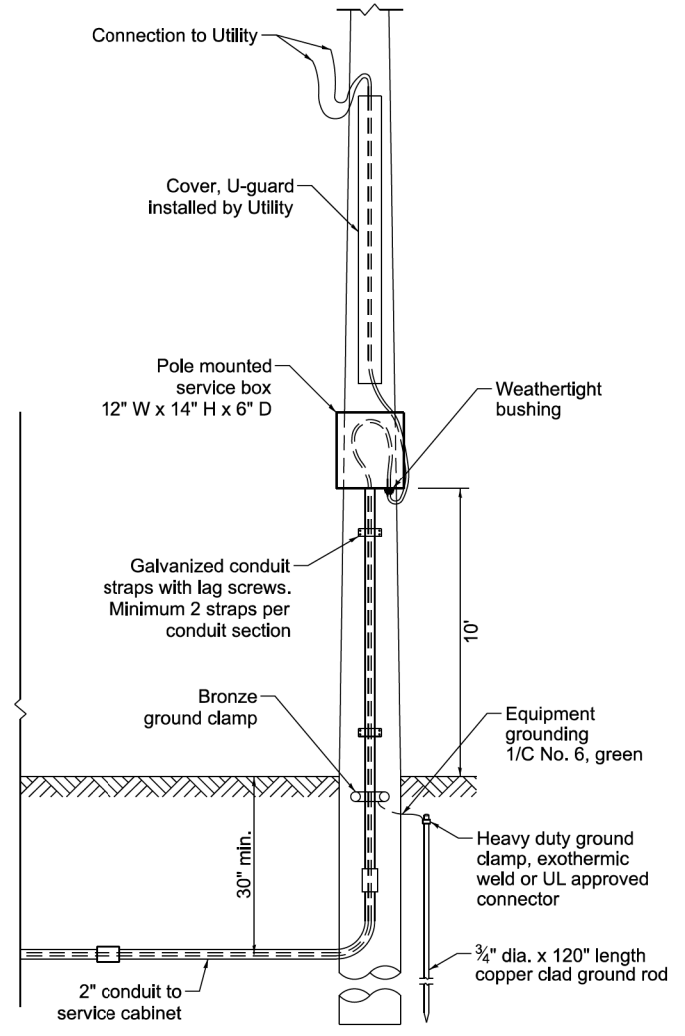


CABINET BASE BOLT PATTERN

SERVICE INSTALLATION - GROUND MOUNTED WITH METER



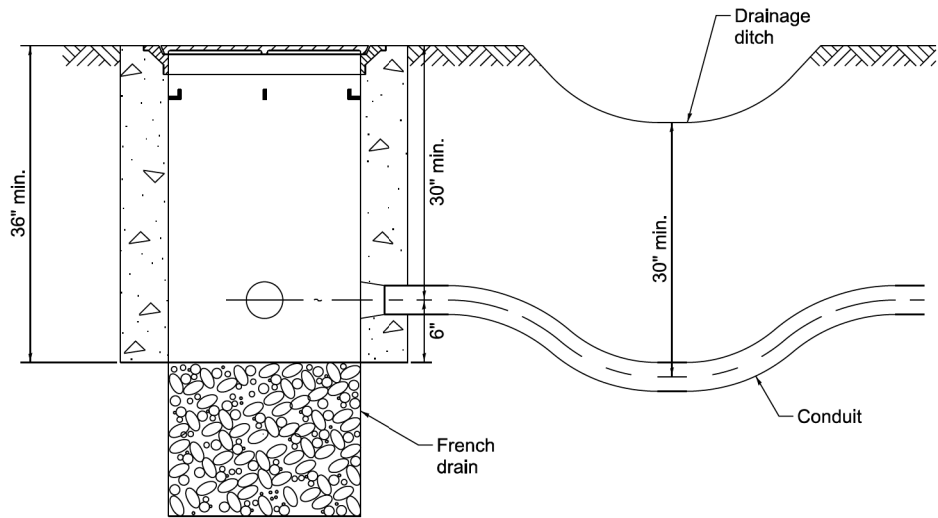
CONNECTION TO UTILITY ENCLOSURE



CONNECTION TO UTILITY POLE

	USER NAME = Iovan,plascenda	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - IP	REVISED -						2049	23-00114-00-CH	COOK	79	39
		CHECKED - NB/KK	REVISED -						TS-01		CONTRACT NO. 61M16		
	PLOT DATE =	DATE - 10/15/2025	REVISED -						SCALE: NTS	SHEET 4	OF 7	SHEETS	STA.

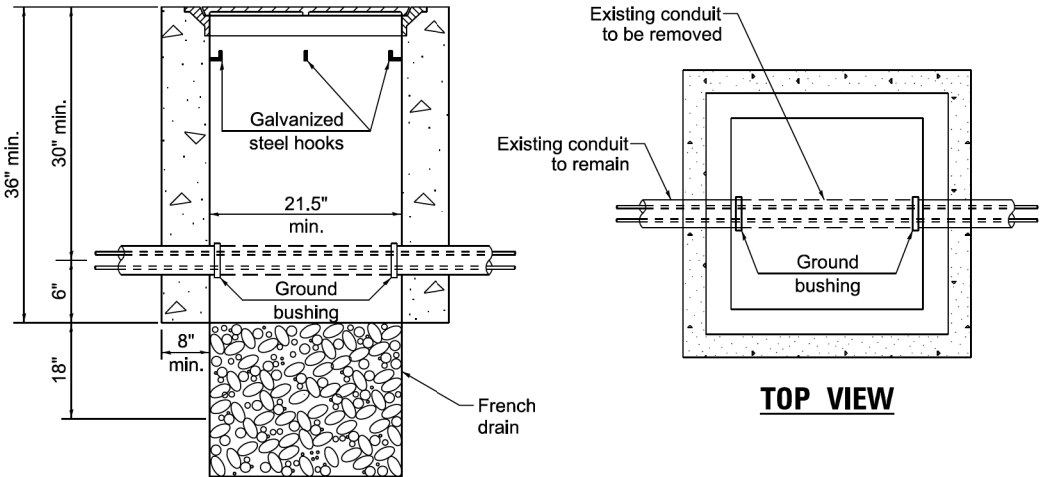




NOTES:

1. THE CONDUIT DEPTH SHALL BE A MINIMUM OF 30" BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND.
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

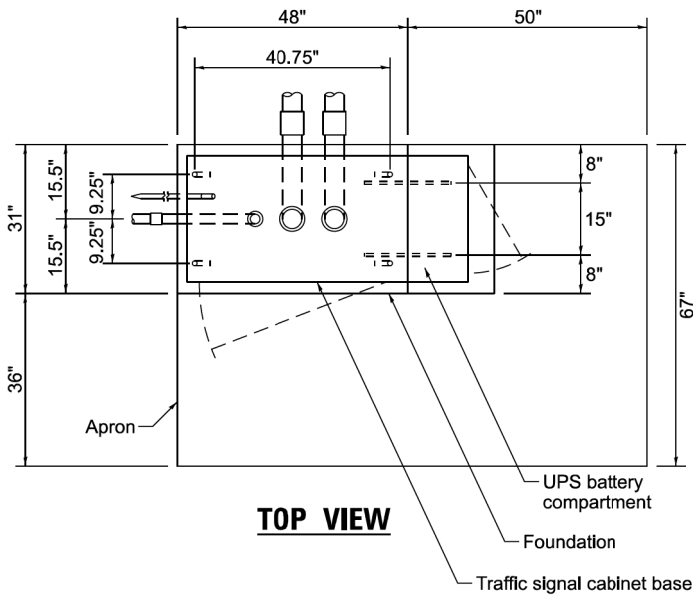
HANDHOLE WITH MINIMUM CONDUIT DEPTH



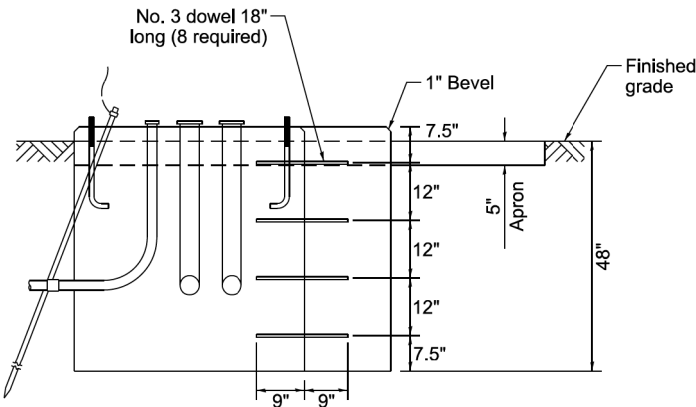
NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

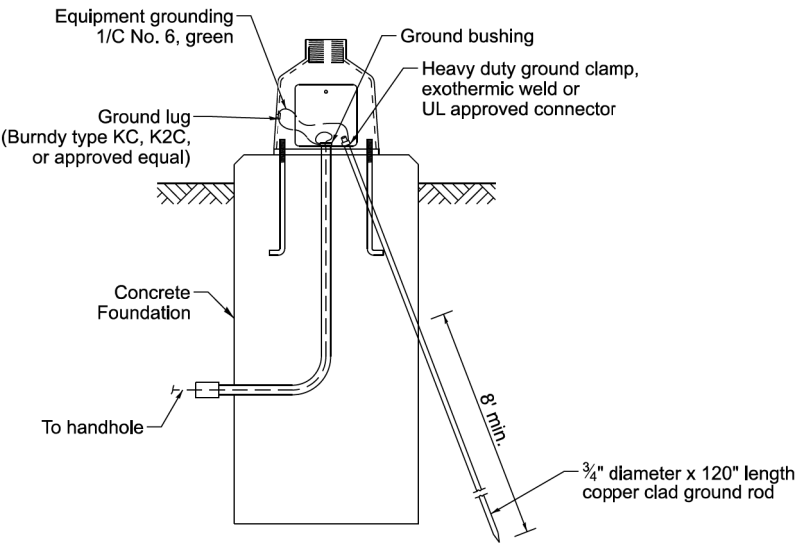
HANDHOLE TO INTERCEPT EXISTING CONDUIT



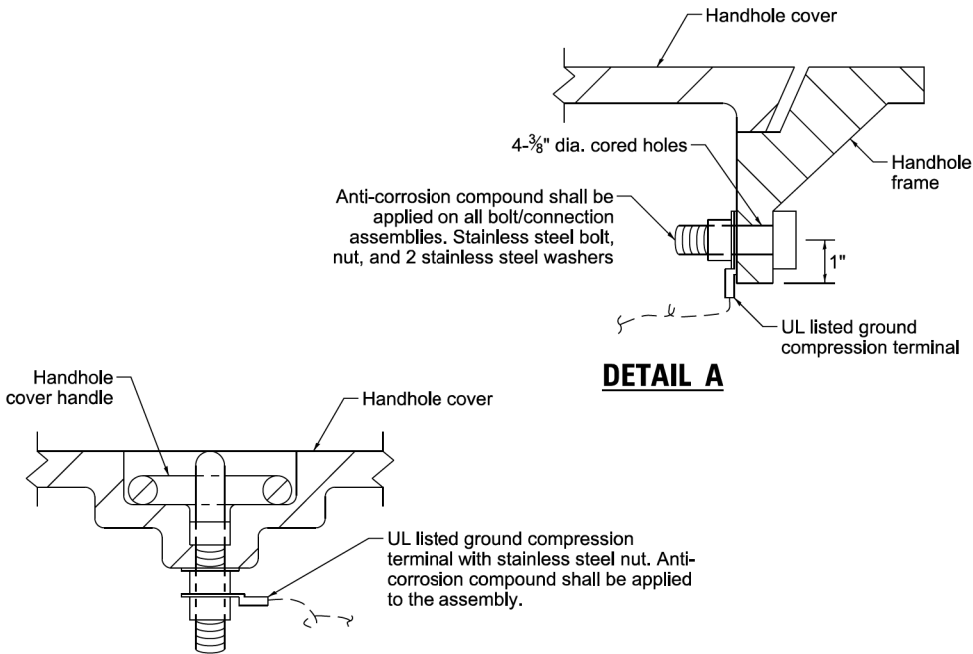
TOP VIEW



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

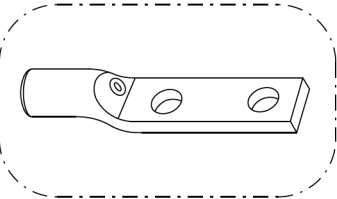


MAST ARM / POST GROUNDING DETAIL

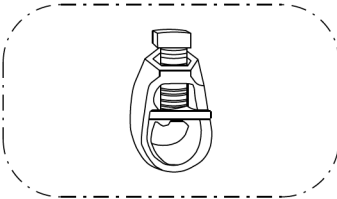


DETAIL A

DETAIL B



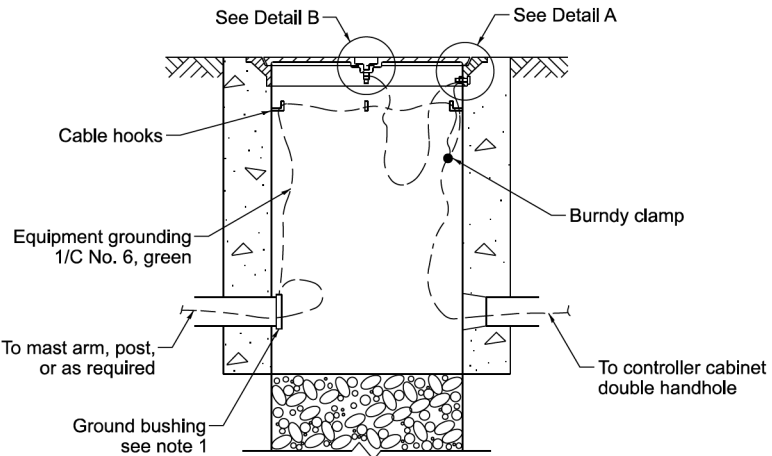
Heavy-Duty Compression Terminal  
(Burndy Type YGHA or approved equal)



3/4" Heavy-Duty Ground Rod Clamp  
Bronze or Copper, UL Approved  
(Burndy Type GRC or approved equal)

NOTES:

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



HANDHOLE GROUNDING DETAIL

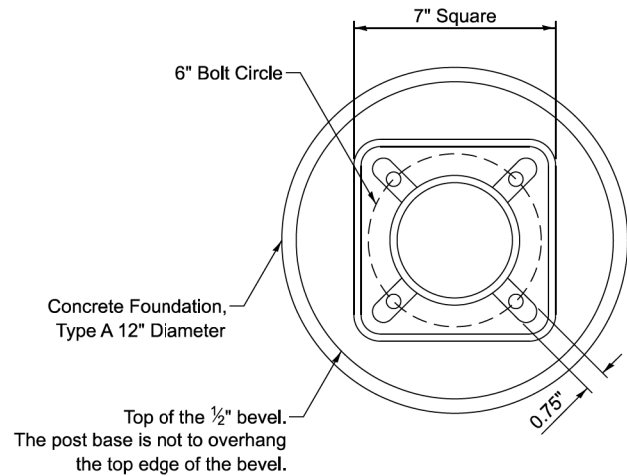
USER NAME	= Iovan,plascenda	DESIGNED	- IP	REVISED	-
DRAWN	- IP	REVISION	-	REVISION	-
CHECKED	- NB/KK	REVISION	-	REVISION	-
DATE	- 10/15/2025	REVISION	-	REVISION	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT 1  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NTS SHEET 6 OF 7 SHEETS STA. TO STA.

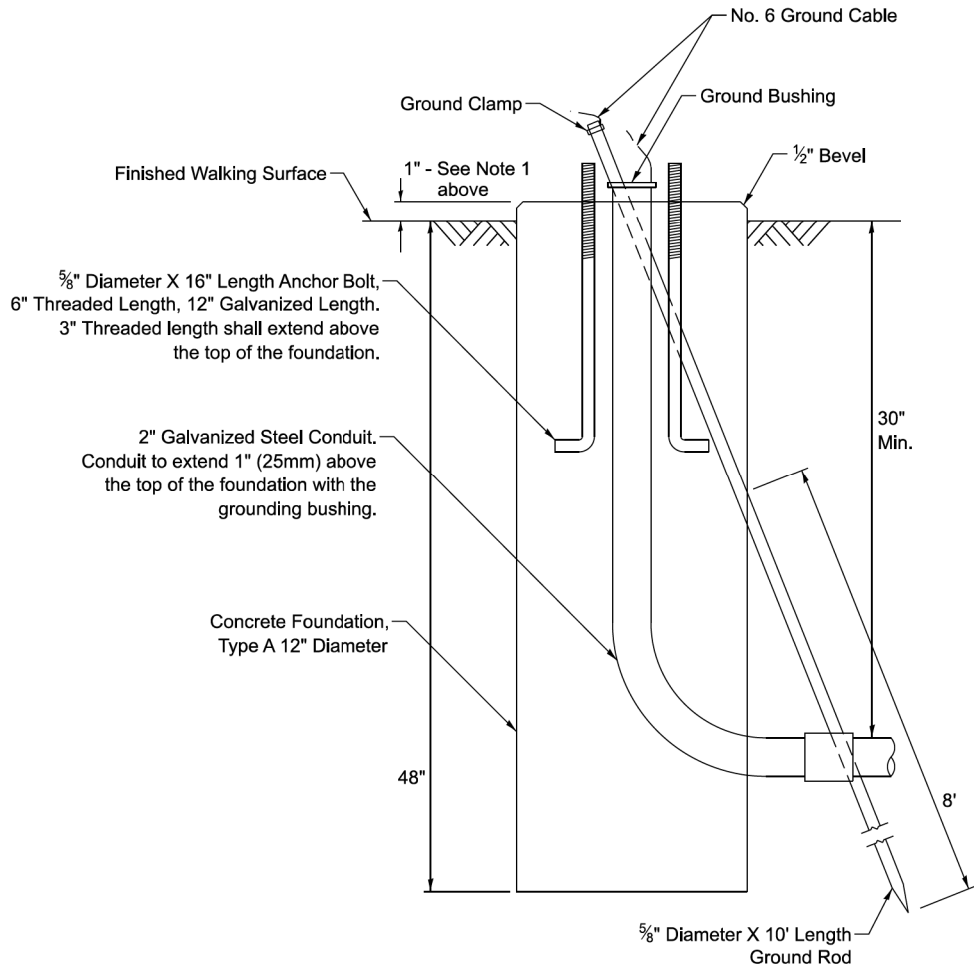
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	41
TS-01		CONTRACT NO. 61M16		
ILLINOIS		FED. AID PROJECT		



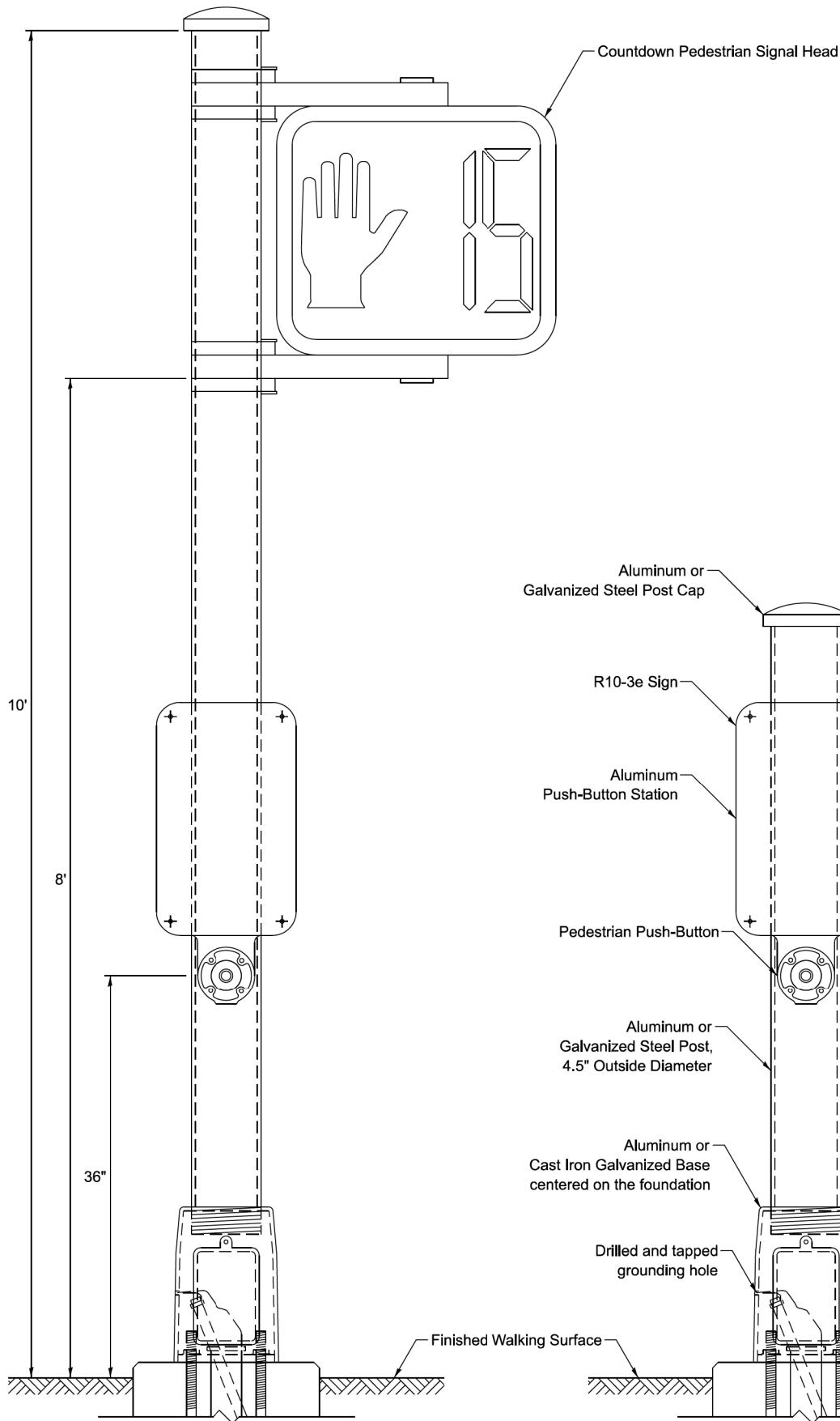
BOLT PATTERN

NOTES:

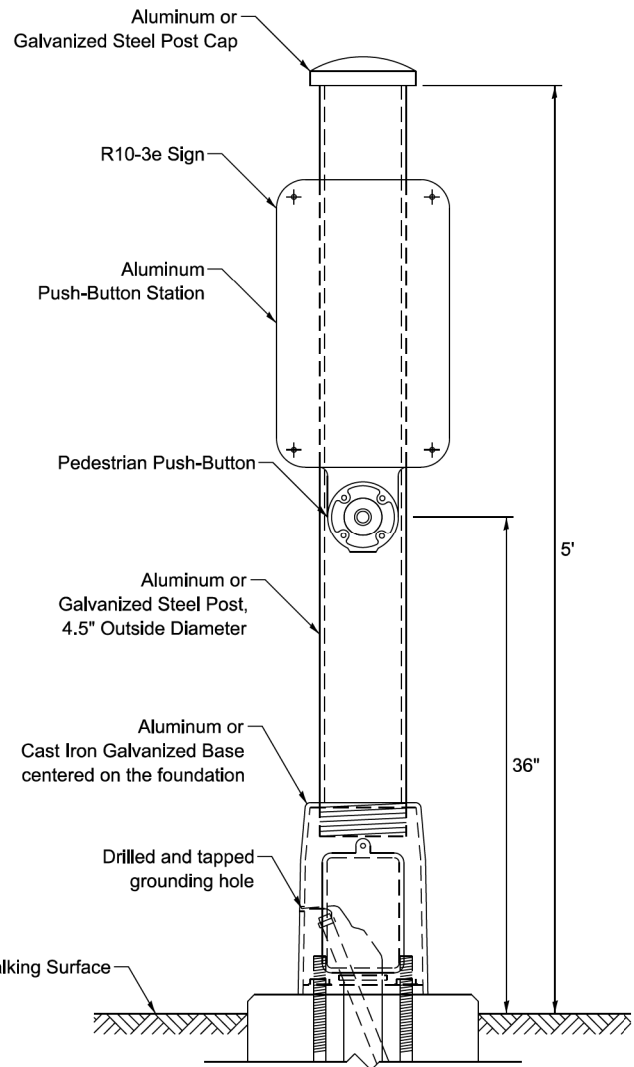
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN A SIDEWALK CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK CURB.



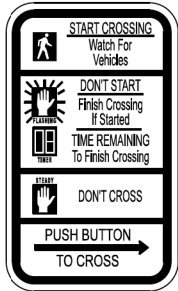
CONCRETE FOUNDATION,  
TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



R10-3e  
9" X 15"



W10-1101  
18" X 24"

SIGN NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. WHEN SIGN R10-3e IS INSTALLED AT MEDIANS WHERE ONLY ONE PUSH-BUTTON IS BEING USED FOR BOTH DIRECTIONS, THE ARROW SHALL BE BI-DIRECTIONAL.
3. SIGN W10-1101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

	USER NAME   = Iovan,plascenda	DESIGNED   -   IP	REVISED   -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS	SCALE: NTS	SHEET 7	OF 7	SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN   -   IP	REVISED   -									2049	23-00114-00-CH	COOK	79	42
		CHECKED   -   NB/KK	REVISED   -									TS-01		CONTRACT NO. 61M16		
	PLOT DATE   =	DATE   -   10/15/2025	REVISED   -									ILLINOIS   FED. AID PROJECT				

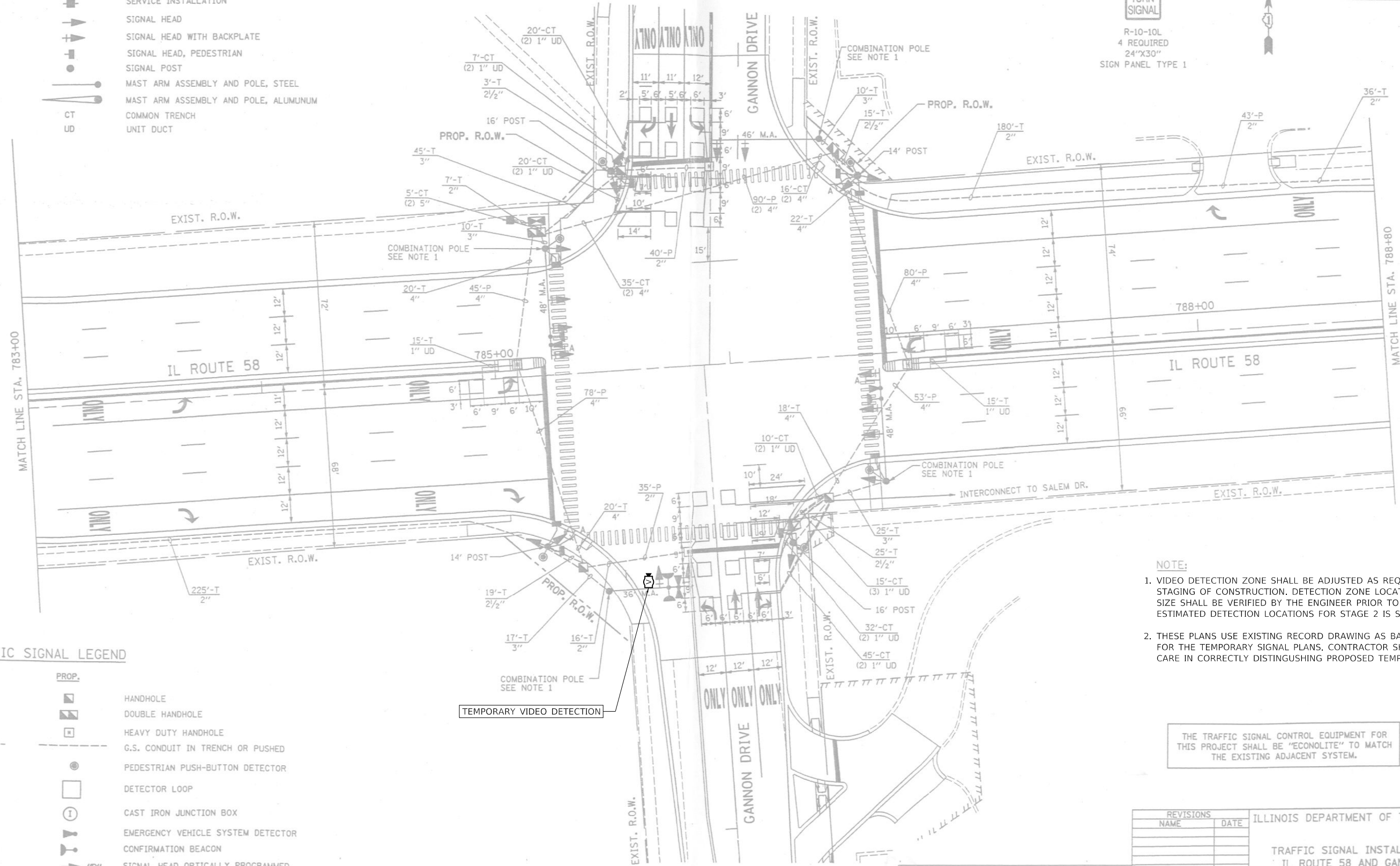
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	1999-079 R	COOK	490	280
STA. 788+00 TO STA. 788+80		ILLINOIS FED. AID PROJECT		

← I A  
LEFT TURN SIGNAL  
R-10-10L  
4 REQUIRED  
24"X30"  
SIGN PANEL TYPE 1



### TRAFFIC SIGNAL LEGEND

EXIST.	PROP.	
		CONTROLLER
		SIGNAL HEAD
		SIGNAL HEAD, PEDESTRIAN
		SIGNAL POST
		MAST ARM ASSEMBLY AND POLE, STEEL
		MAST ARM ASSEMBLY AND POLE, ALUMINUM
		COMMON TRENCH
		UNIT DUCT



### TRAFFIC SIGNAL LEGEND

EXIST.	PROP.	
		HANDHOLE
		DOUBLE HANDHOLE
		HEAVY DUTY HANDHOLE
		G.S. CONDUIT IN TRENCH OR PUSHED
		PEDESTRIAN PUSH-BUTTON DETECTOR
		DETECTOR LOOP
		CAST IRON JUNCTION BOX
		EMERGENCY VEHICLE SYSTEM DETECTOR
		CONFIRMATION BEACON
		SIGNAL HEAD OPTICALLY PROGRAMMED
		CONDUIT SPLICE
		WOOD POLE

- NOTE:**
- VIDEO DETECTION ZONE SHALL BE ADJUSTED AS REQUIRED BY THE STAGING OF CONSTRUCTION. DETECTION ZONE LOCATION AND SIZE SHALL BE VERIFIED BY THE ENGINEER PRIOR TO ACTIVATION. ESTIMATED DETECTION LOCATIONS FOR STAGE 2 IS SHOWN.
  - THESE PLANS USE EXISTING RECORD DRAWING AS BACKGROUND FOR THE TEMPORARY SIGNAL PLANS. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED TEMPORARY WORK.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TS-14

REVISIONS		DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME			

TRAFFIC SIGNAL INSTALLATION PLAN  
IL ROUTE 58 AND GANNON DRIVE

SCALE: 1"=20'  
DATE: 07-30-01  
DRAWN BY: CR/RV  
CHECKED BY: JAY



KAM ENGINEERING, INC.  
CONSULTING ENGINEERS  
707A Davis Road, Suite 205  
Elgin, Illinois 60123-1369

F:\PROJECTS\JOB264\FINAL\GANSOPLN.DGN

MODEL: SHOWNAMES  
FILE: TMS16.DWG

TRANSYSTEMS

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
DRAWN - KLB	REVISOR -	
PLOT SCALE = \$SCALES	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLANS  
IL 58 (GOLF ROAD) AND GANNON DRIVE

SCALE: NONE SHEET 1 OF 6 SHEETS STA. TO STA.

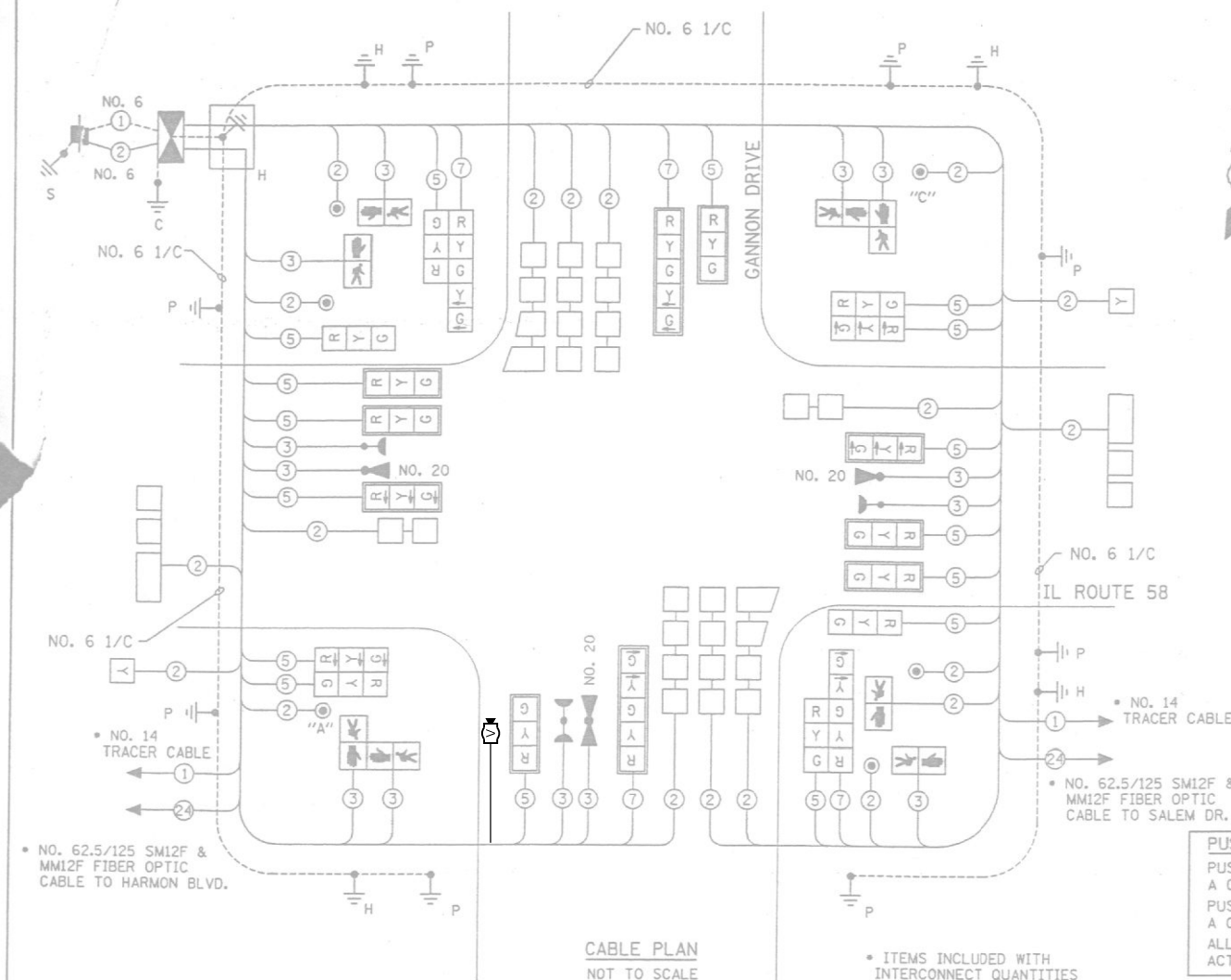
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	43
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				



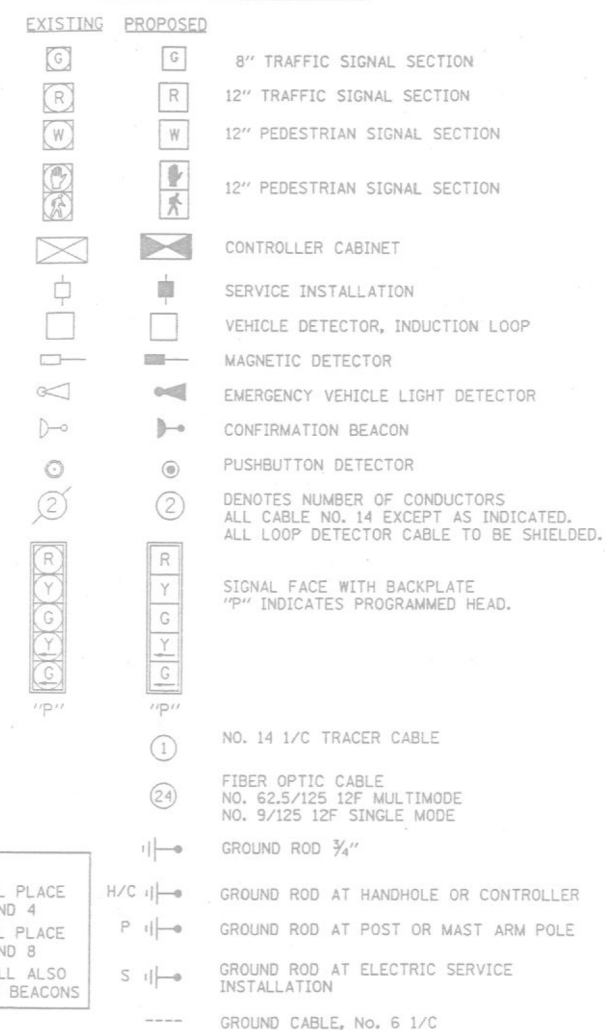
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	1999-079 R	COOK	490	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

### SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	TOTAL
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1



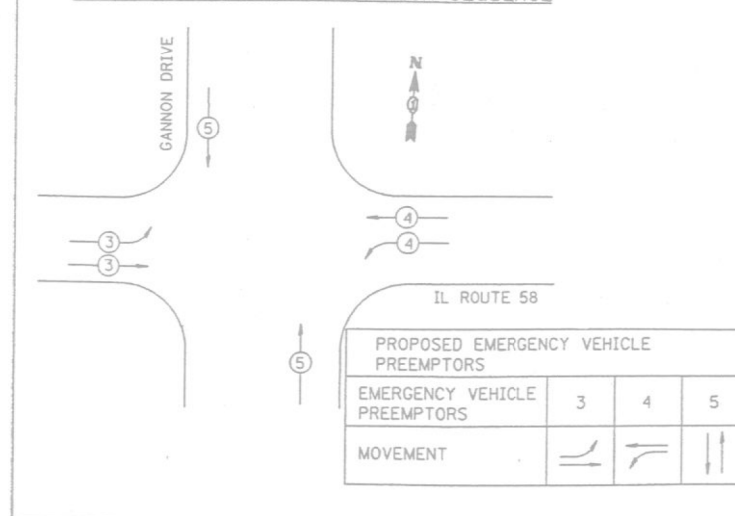
CABLE PLAN LEGEND:



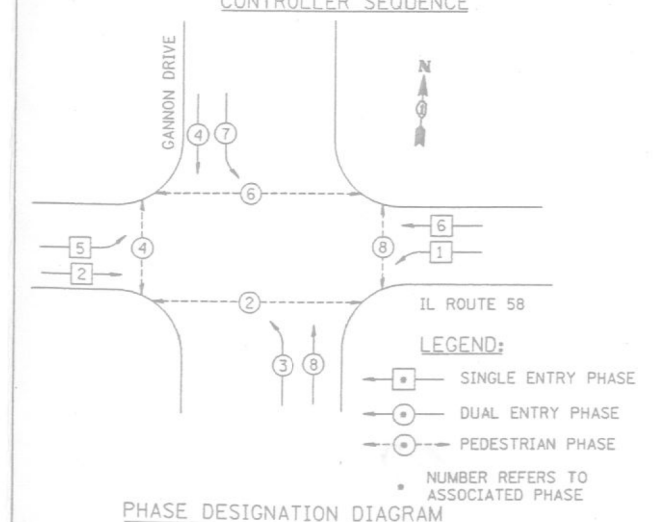
## PUSH BUTTON NOTES

PUSH BUTTON "A" SHALL PLACE  
A CALL TO PHASES 2 AND 4  
PUSH BUTTON "C" SHALL PLACE  
A CALL TO PHASES 6 AND 8  
ALL PUSH BUTTONS SHALL ALSO  
ACTIVATE THE FLASHING BEACONS

## EMERGENCY VEHICLE PREEMPTION SEQUENCE



### CONTROLLER SEQUENCE



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL VOLTAGE
TYPE	NO.	LAMPS X WATTAGE	% OPERATION	
SIGNAL (RED)	20	135	0.50	1350
(YELLOW)	20	135	0.25	675
(GREEN)	20	135	0.25	675
ARROW	8	135	0.10	108
PED. SIGNAL	4	90	1.00	360
CONTROLLER	1	300	1.00	300
ILLUM. SIGN	-	-	0.05	-
FLASHER	-		0.50	-

ENERGY COST TO: Illinois Department of Transportation  
Division of Highways / District 1  
201 West coast / Schaumburg, Illinois 60196-1096

ENERGY SUPPLY: CONTACT: MS. JO BEILER  
PHONE: 847-870-2056  
COMPANY: ComEd

FOUNDATION (DEPTH)	(FT.)	CABLE SLACK	(FT.)	CABLE SLACK	(FT.)
TYPE A - POST	4	HANDLE	6.5	ALL FOUNDATIONS	3.5
D - CONTROLLER	4	DOUBLE HANDLE	13	WAST ARM OJ POLE	20' + 1/2
E - ARM POLE		SIGNAL POST	2	BRACKET MOUNTED	13
24"	10	CONTROLLER CAB		CONCRETE	3
30"	15	FIBER OPTIC	13	ELECTRIC SERVICE	13.5
		ELECTRIC SERVICE	1	SERVICE TO GROUND	13.5
		GROUND CABLE	1	POST MOUNTED	6

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



KAM ENGINEERING, INC.  
CONSULTING ENGINEERS  
707A Davis Road, Suite 205  
Elgin, Illinois 60123-1369

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		CABLE PLAN PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES IL ROUTE 58 AND GANNON DRIVE

SCALE: NONE

DATE: 07-30-01

DRAWN BY: CSR

CHECKED BY: JF

TS-16

ILLINOIS DEPARTMENT OF TRANSPORTATION  
CABLE PLAN PHASE DESIGNATION DIAGRAM  
AND SCHEDULE OF QUANTITIES  
11 ROUTE 58 AND GANNON DRIVE

SCALE: NONE  
DATE: 07-30-01

DRAWN BY: C  
CHECKED BY: J

TRANSYSTEMS

USER NAME = \$USERS\$	DESIGNED - MRQ
	DRAWN - KLB
PLOT SCALE = \$SCALE\$	CHECKED - EAD
PLOT DATE = \$DATE\$	DATE - 12/19/25

DESIGNED	-	MRQ
DRAWN	-	KLB
CHECKED	-	EAD
DATE	-	12/19/25

REVISED	-
REVISED	-
REVISED	-
REVISED	-

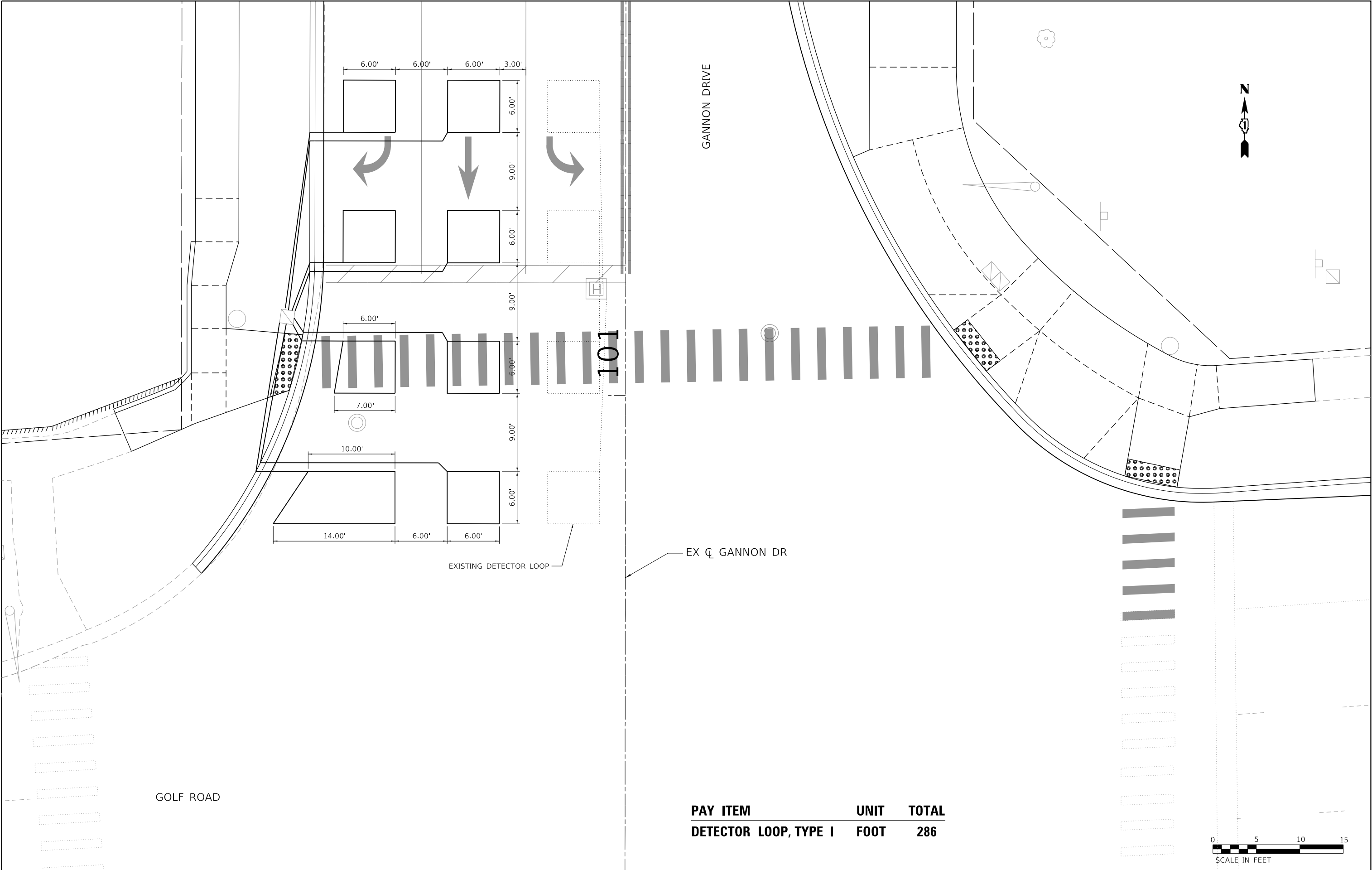
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLANS  
IL 58 (GOLF ROAD) AND GANNON DRIVE**

SCALE: NONE	SHEET 2	OF 6	SHEETS	STA.	TO STA
-------------	---------	------	--------	------	--------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	44
		CONTRACT NO. 61M16		
ILLINOIS		FED. AID PROJECT		





PAY ITEM	UNIT	TOTAL
DETECTOR LOOP, TYPE I	FOOT	286

MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$STYLE\$



USER NAME = \$USER\$	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP PLAN IL 58 (GOLF ROAD) AND GANNON DRIVE			
SCALE: NONE	SHEET 3	OF 6 SHEETS	STA. TO STA.

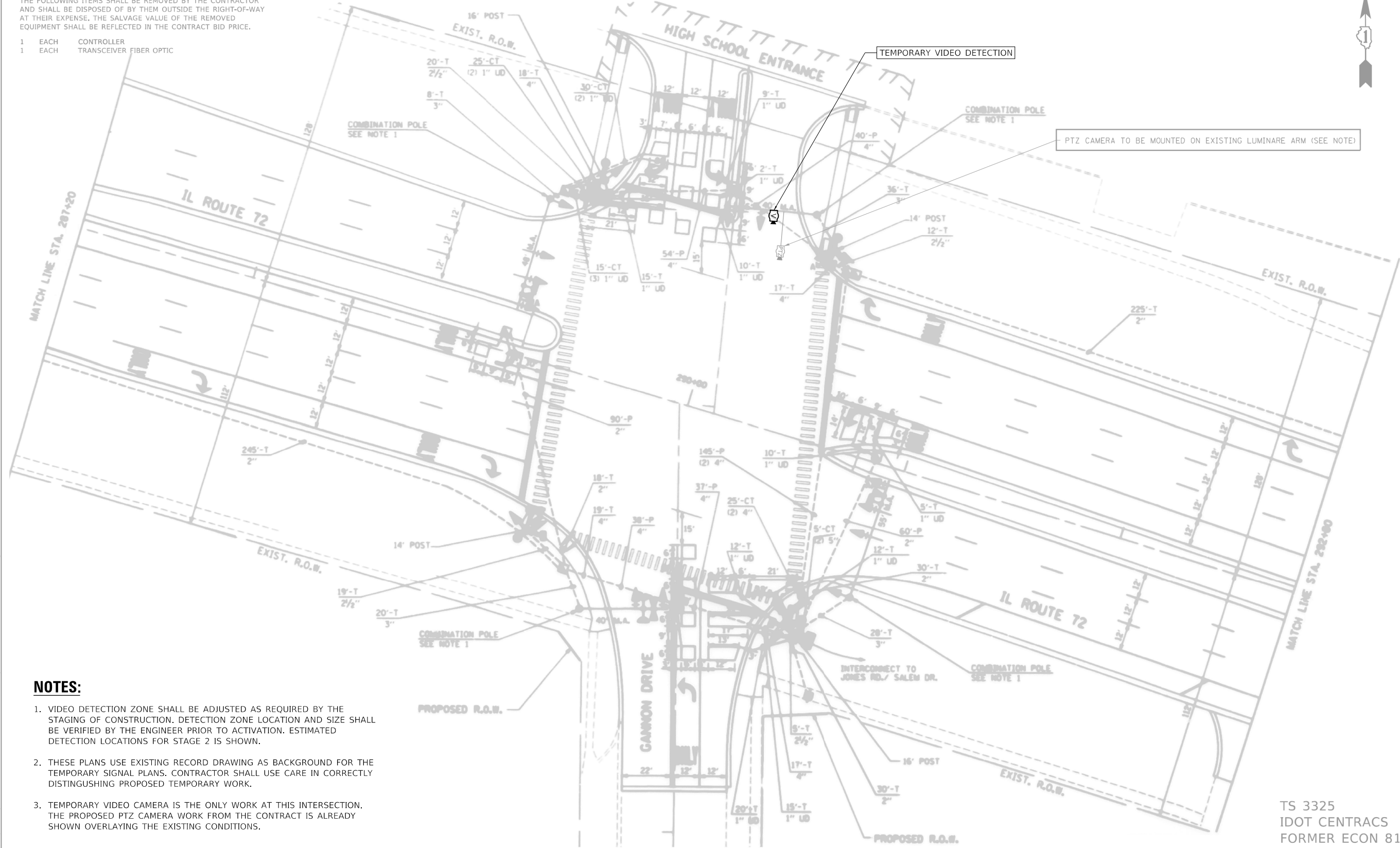
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	45
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER
- 1 EACH TRANSCEIVER FIBER OPTIC

"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"



NOTES:

1. VIDEO DETECTION ZONE SHALL BE ADJUSTED AS REQUIRED BY THE STAGING OF CONSTRUCTION. DETECTION ZONE LOCATION AND SIZE SHALL BE VERIFIED BY THE ENGINEER PRIOR TO ACTIVATION. ESTIMATED DETECTION LOCATIONS FOR STAGE 2 IS SHOWN.
2. THESE PLANS USE EXISTING RECORD DRAWING AS BACKGROUND FOR THE TEMPORARY SIGNAL PLANS. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED TEMPORARY WORK.
3. TEMPORARY VIDEO CAMERA IS THE ONLY WORK AT THIS INTERSECTION. THE PROPOSED PTZ CAMERA WORK FROM THE CONTRACT IS ALREADY SHOWN OVERLAYING THE EXISTING CONDITIONS.

TS 3325  
IDOT CENTRACS  
FORMER ECON 81

USER NAME = Kamil.Kobylika	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION #25  
IL 72 (HIGGINS RD.) AT GANNON DR. INTERSECTION PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	68
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

TRANSYSTEMS

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLANS  
IL 72 (HIGGINS ROAD) AND GANNON DRIVE

SCALE: NONE SHEET 4 OF 6 SHEETS STA. TO STA.

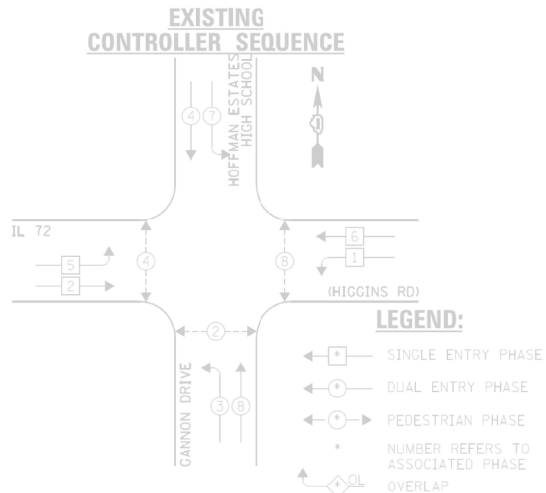
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	46
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	TOTAL
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

NOTES:

1. TEMPORARY VIDEO CAMERA IS THE ONLY WORK AT THIS INTERSECTION. THE PROPOSED PTZ CAMERA WORK FROM THE CONTRACT IS ALREADY SHOWN OVERLAYING THE EXISTING CONDITIONS.



EXISTING PHASE DESIGNATION DIAGRAM

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 2 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE  
2 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE  
4 EACH PEDESTRIAN PUSH-BUTTON

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE	
TYPE	NO. LAMPS	WATTAGE INCAND. L.E.D.	OPERATION		
SIGNAL (RED)	20	135	17	0.50	170.0
SIGNAL (YELLOW)	20	135	25	0.25	125.0
SIGNAL (GREEN)	20	135	15	0.25	75.0
ARROW	8	135	12	0.10	9.6
RED, SIGNAL	6	90	25	1.00	150.0
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	1	-	25	1.00	25.0
ILLUMINATED SIGN	-	-	25	0.05	-

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION  
(ADDRESS) 201 W. CENTER COURT  
(ADDRESS) SCHALMBURG, IL 60136-1096  
ENERGY SUPPLY - CONTACT: DAVE SCHACHT  
PHONE: 630-437-2129  
COMPANY: COMED - OAKBROOK TERRACE

USER NAME = Kamil.Kobylika

DESIGNED - KK

REVISED - KK - 08-12-2022

DRAWN - GM

REVIS

REVISED -

CHECKED - DD

REVISED -

REVISED -

DATE - 06/30/2022

REVISED -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION #25  
IL 72 (HIGGINS RD.) AT GANNON DR. CABLE PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	2022 TRAFFIC 01	COOK	241	70
CONTRACT NO. 62R81				

TS 3325  
IDOT CENTRACS  
FORMER ECON 81

TRANSYSTEMS

USER NAME = \$USERS\$

DESIGNED - MRQ

REVISED -

DRAWN - KLB

REVIS

REVISED -

CHECKED - EAD

REVISED -

REVISED -

DATE - 12/19/25

REVISED -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLANS  
IL 72 (HIGGINS ROAD) AND GANNON DRIVE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	47
CONTRACT NO. 61M16				

SCALE: NONE SHEET 5 OF 6 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



HIGGINS ROAD

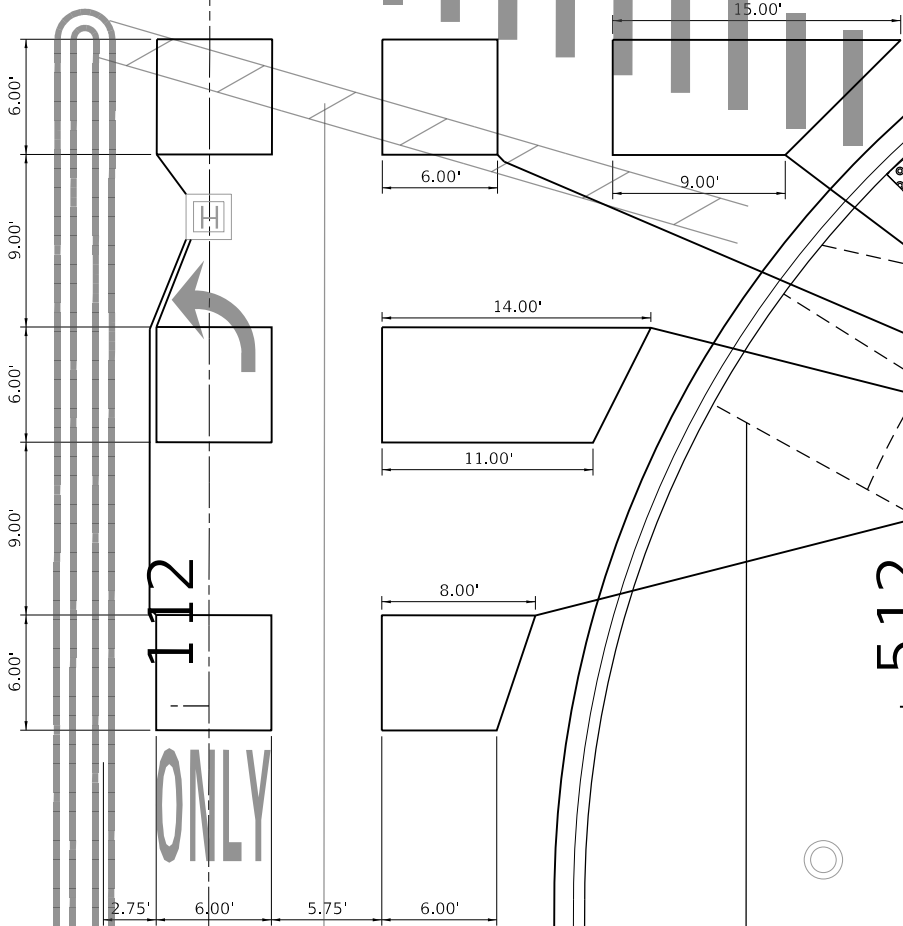
EX CL GANNON DR

GANNON DRIVE

112

512

ONLY



PAY ITEM	UNIT	TOTAL
DETECTOR LOOP, TYPE I	FOOT	250



MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$EXT\$

TRANSYSTEMS

USER NAME = \$USERS\$	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP PLAN  
IL 72 (HIGGINS ROAD) AND GANNON DRIVE

SCALE: NONE	SHEET 6	OF 6	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	48
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$EXT\$

TRANSYSTEMS

USER NAME = \$USER\$  
PLOT SCALE = \$SCALE\$  
PLOT DATE = \$DATE\$

DESIGNED - MRQ  
DRAWN - KLB  
CHECKED - EAD  
DATE - 12/19/25

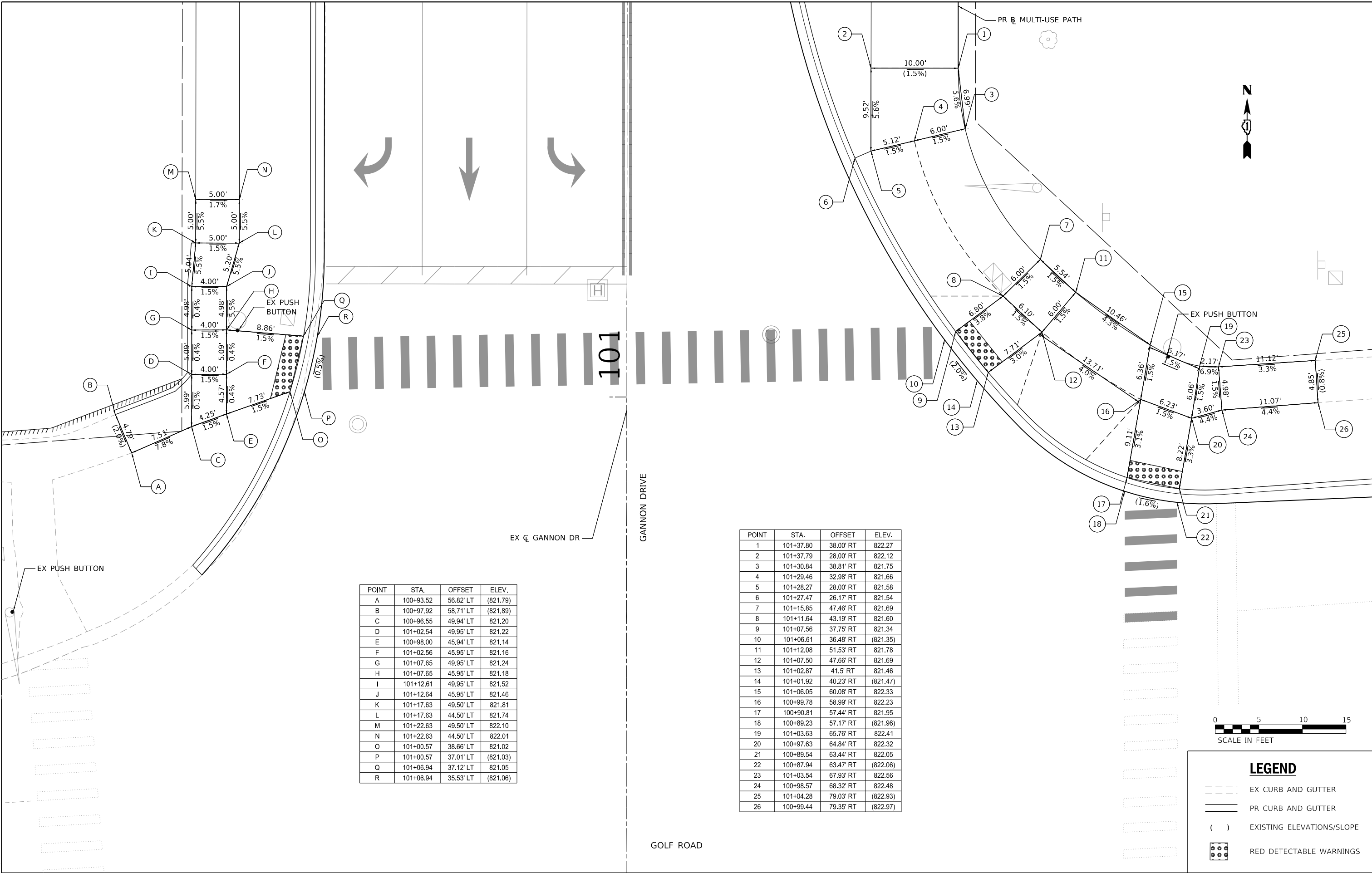
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA DETAILS

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

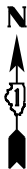
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	49
CONTRACT NO. 61M16				
ILLINOIS		FED. AID PROJECT		



POINT	STA.	OFFSET	ELEV.
A	100+93.52	56.82' LT	(821.79)
B	100+97.92	58.71' LT	(821.89)
C	100+96.55	49.94' LT	821.20
D	101+02.54	49.95' LT	821.22
E	100+98.00	45.94' LT	821.14
F	101+02.56	45.95' LT	821.16
G	101+07.65	49.95' LT	821.24
H	101+07.65	45.95' LT	821.18
I	101+12.61	49.95' LT	821.52
J	101+12.64	45.95' LT	821.46
K	101+17.63	49.50' LT	821.81
L	101+17.63	44.50' LT	821.74
M	101+22.63	49.50' LT	822.10
N	101+22.63	44.50' LT	822.01
O	101+00.57	38.66' LT	821.02
P	101+00.57	37.01' LT	(821.03)
Q	101+06.94	37.12' LT	821.05
R	101+06.94	35.53' LT	(821.06)

POINT	STA.	OFFSET	ELEV.
1	101+37.80	38.00' RT	822.27
2	101+37.79	28.00' RT	822.12
3	101+30.84	38.81' RT	821.75
4	101+29.46	32.98' RT	821.66
5	101+28.27	28.00' RT	821.58
6	101+27.47	26.17' RT	821.54
7	101+15.85	47.46' RT	821.69
8	101+11.64	43.19' RT	821.60
9	101+07.56	37.75' RT	821.34
10	101+06.61	36.48' RT	(821.35)
11	101+12.08	51.53' RT	821.78
12	101+07.50	47.66' RT	821.69
13	101+02.87	41.5' RT	821.46
14	101+01.92	40.23' RT	(821.47)
15	101+06.05	60.08' RT	822.33
16	100+99.78	58.99' RT	822.23
17	100+90.81	57.44' RT	821.95
18	100+89.23	57.17' RT	(821.96)
19	101+03.63	65.76' RT	822.41
20	100+97.63	64.84' RT	822.32
21	100+89.54	63.44' RT	822.05
22	100+87.94	63.47' RT	(822.06)
23	101+03.54	67.93' RT	822.56
24	100+98.57	68.32' RT	822.48
25	101+04.28	79.03' RT	(822.93)
26	100+99.44	79.35' RT	(822.97)

POINT	STA.	OFFSET	ELEV.
1	112+27.46	58.06' RT	827.88
2	112+32.93	55.60' RT	827.85
3	112+38.80	52.96' RT	827.82
4	112+40.26	52.30' RT	(827.83)
5	112+24.55	52.82' RT	827.72
6	112+29.74	49.80' RT	827.70
7	122+36.08	46.11' RT	827.67
8	112+37.44	45.31' RT	(827.68)
9	112+22.01	49.47' RT	827.61
10	112+26.27	45.22' RT	827.52
11	112+31.75	39.77' RT	827.51
12	112+32.87	38.64' RT	(827.52)
13	112+17.75	45.25' RT	827.52
14	112+22.04	40.97' RT	827.43
15	112+27.75	35.28' RT	827.39
16	112+28.87	34.16' RT	(827.40)
17	112+13.74	42.33' RT	827.45
18	112+16.92	37.24' RT	827.36
19	112+21.51	29.92' RT	827.09
20	112+08.40	39.58' RT	827.36
21	112+11.32	34.30' RT	827.27
22	112+15.77	26.25' RT	827.13



**LEGEND**

- EX CURB AND GUTTER
- PR CURB AND GUTTER
- EXISTING ELEVATIONS/SLOPE
- RED DETECTABLE WARNINGS

MODEL: \$MODELNAME\$  
FILE: \$NAME\$. \$EXT\$

**TRANSYSTEMS**

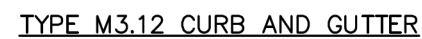
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	50
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				



1. THE CURB SHALL BE DEPRESSED AT ALL APRONS AND ACROSS ALL SIDEWALK RAMPING IN ACCORDANCE WITH PROJECT DETAILS AND ADA GUIDELINES.
2. CONTRACTION JOINTS TO BE TOOLED OR SAWCUT EVERY 15' TO A DEPTH OF 1.5".
3. EXPANSION JOINTS SHALL BE PROVIDED AT THE BEGINNING AND END OF ALL RETURN RADII, 5 FEET EITHER SIDE OF A DRAINAGE STRUCTURE, AT THE END OF A DAY'S POUR, AND/OR AT SPACING NOT TO EXCEED 100 FEET.

## CURB AND GUTTER DETAIL

**TRANSYSTEMS**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	51
		CONTRACT NO. 61M16		
		ILLINOIS	FED. AID PROJECT	

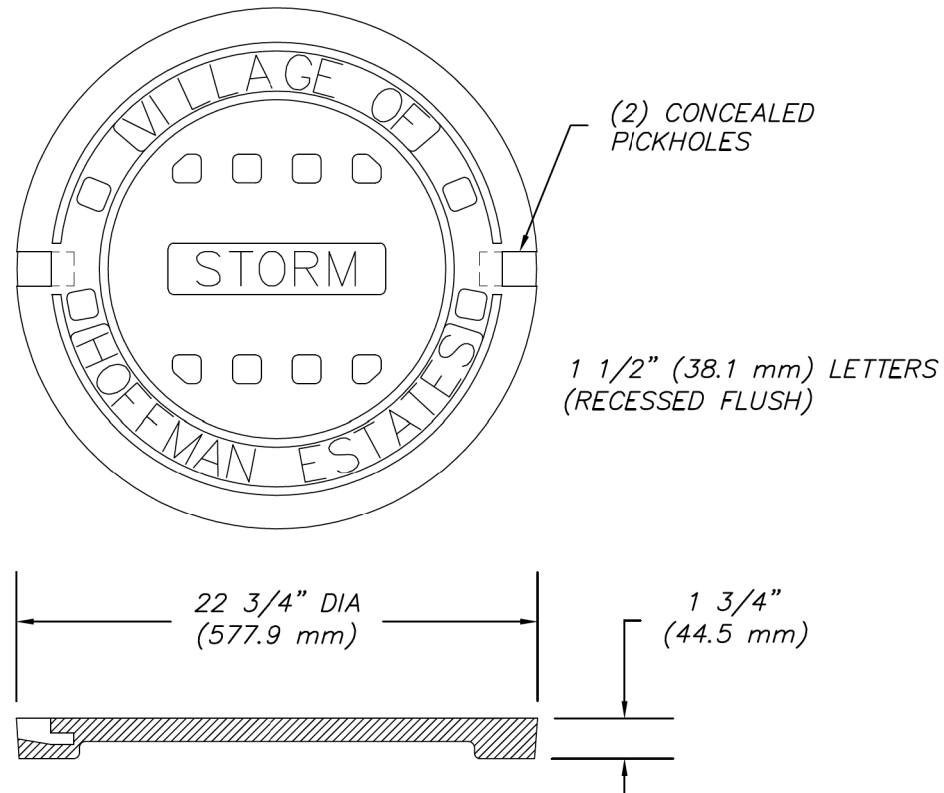


SCALE	NONE	NO.	REVISIONS	BY	DATE
DATE	5-25-05	1.	MISC UPDATES	SW	2/10
DRAFTER	SLW				
VILLAGE OF HOFFMAN ESTATES TRANSPORTATION & ENGINEERING DIVISION			FILE NAME: SANCOVER.DWG	SHEET NO. 1 OF 1	

HEAVY DUTY  
MAT'L ASTM A48 CL35  
MACHINED BEARING SURFACE  
COVER WT: 125 LBS (56.7kg)

MANHOLE COVER WITH  
GROOVED GASKET SEAL  
& CONCEALED PICKHOLES  
TO REDUCE SURFACE  
WATER INFLOW.

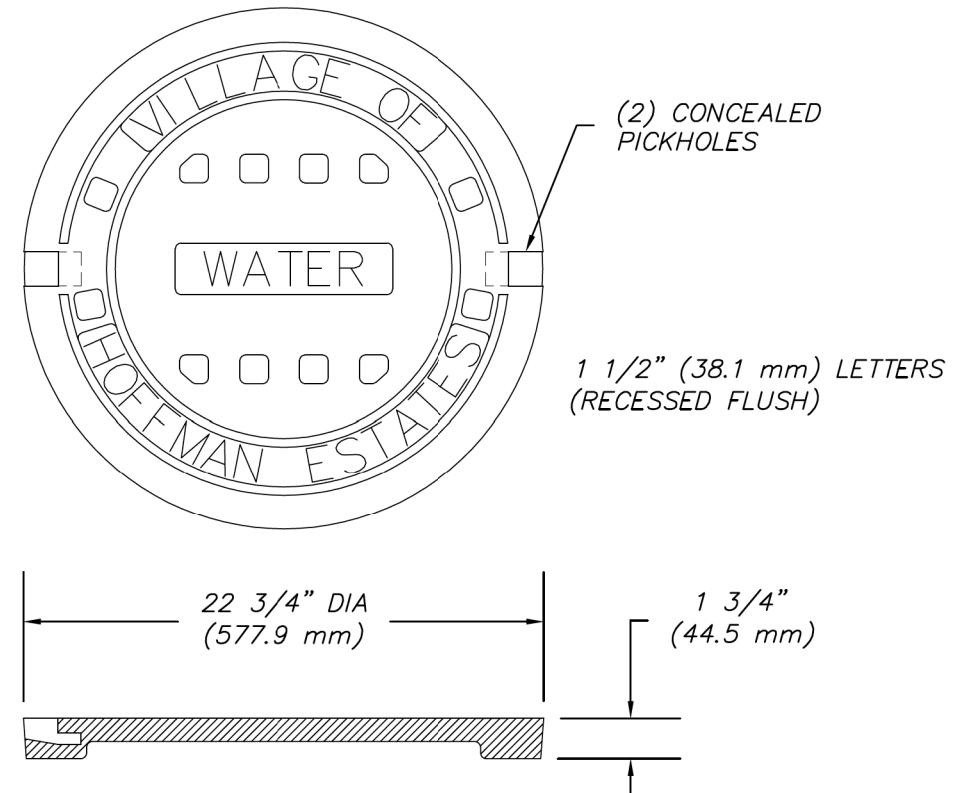
NOTE:  
PRIVATE SYSTEMS OR  
SERVICES SHALL NOT  
INCLUDE "VILLAGE OF  
HOFFMAN ESTATES" ON  
THE STORM COVER.



HEAVY DUTY  
MAT'L ASTM A48 CL35  
MACHINED BEARING SURFACE  
COVER WT: 125 LBS (56.7 kg)

STORM COVER DETAIL					
SCALE	NONE	NO.		REVISIONS	BY DATE
DATE	5-25-05	1.	MISC UPDATES	SW	2/10
DRAFTER	SLW				
VILLAGE OF HOFFMAN ESTATES			FILE NAME:	SHEET NO.	
TRANSPORTATION & ENGINEERING DIVISION			STRMCVR.DWG	1 OF 1	

NOTE:  
PRIVATE SYSTEMS OR  
SERVICES SHALL NOT  
INCLUDE "VILLAGE OF  
HOFFMAN ESTATES" ON  
THE WATER COVER.



HEAVY DUTY  
MAT'L ASTM A48 CL35  
MACHINED BEARING SURFACE  
COVER WT: 125 LBS (56.7 kg)

WATER COVER DETAIL					
SCALE	NONE	NO.		REVISIONS	BY DATE
DATE	5-25-05	1.	MISC UPDATES	SW	2/10
DRAFTER	SLW				
VILLAGE OF HOFFMAN ESTATES			FILE NAME:	SHEET NO.	
TRANSPORTATION & ENGINEERING DIVISION			H20COVER.DWG	1 OF 1	

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	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	52
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				





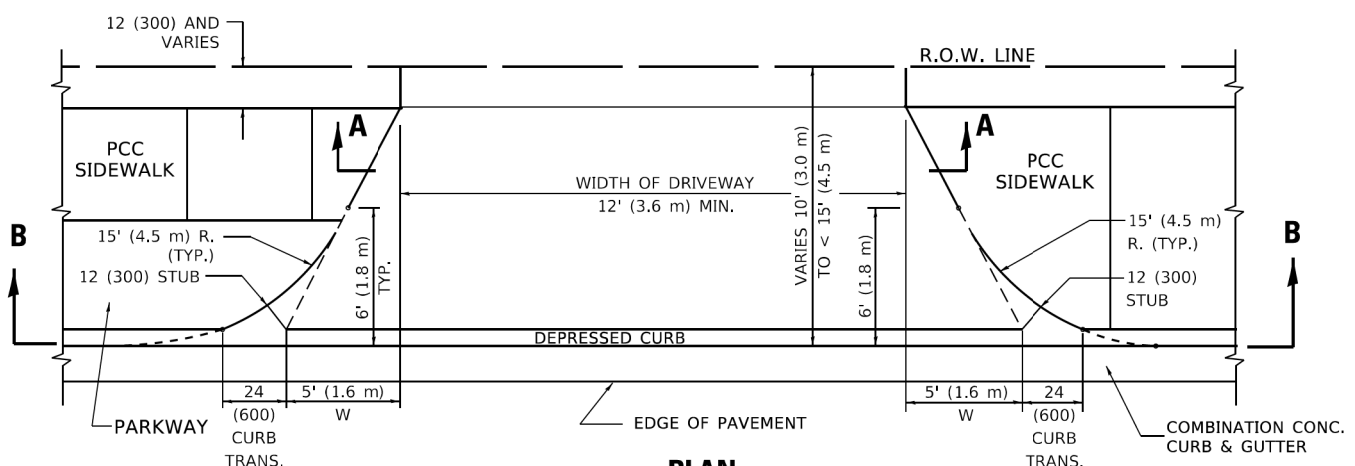
1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
2. 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.

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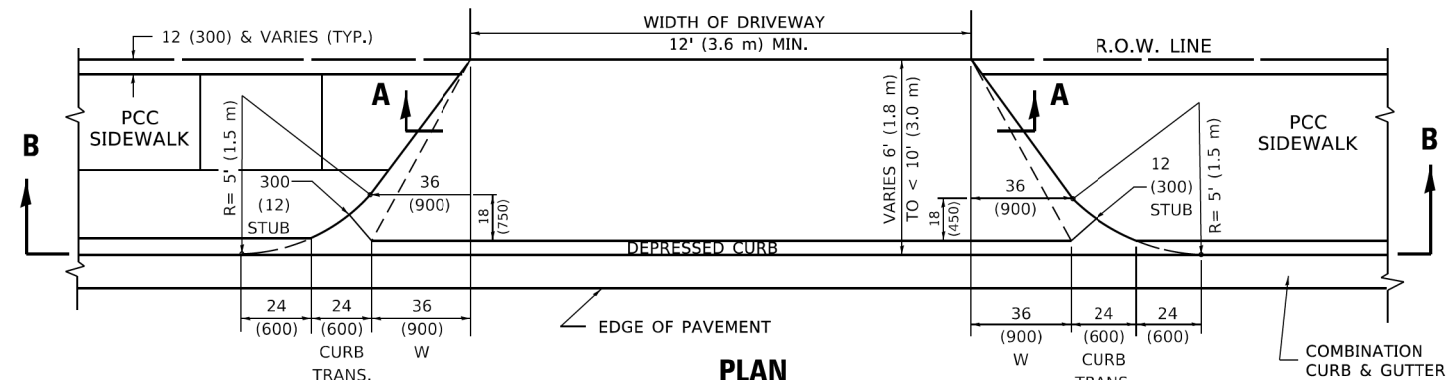
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	53
<b>BD400-01 (BD-01)</b>		CONTRACT NO. 61M16		
ILLINOIS		FED. AID PROJECT		

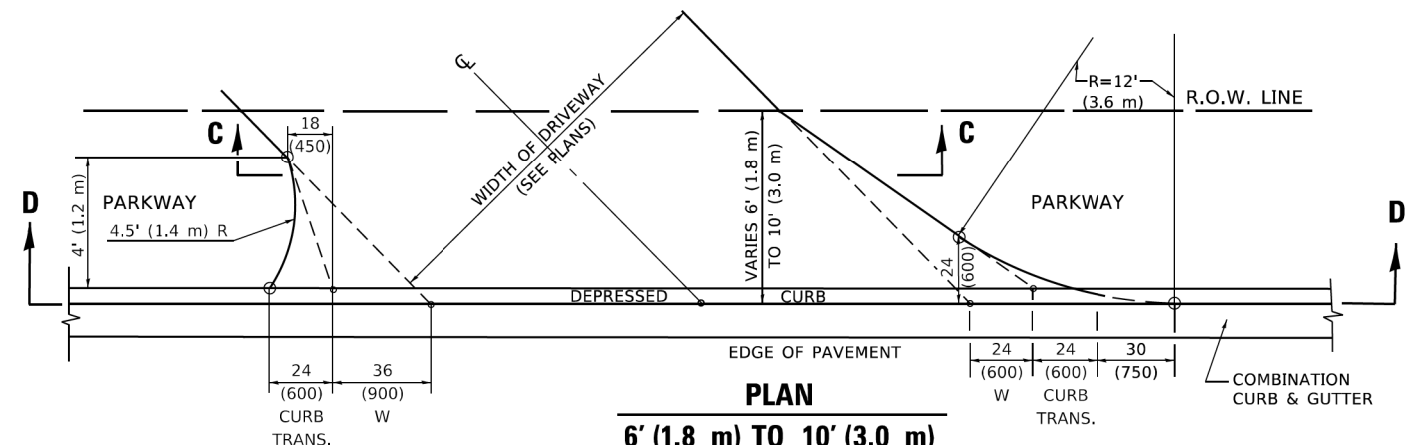
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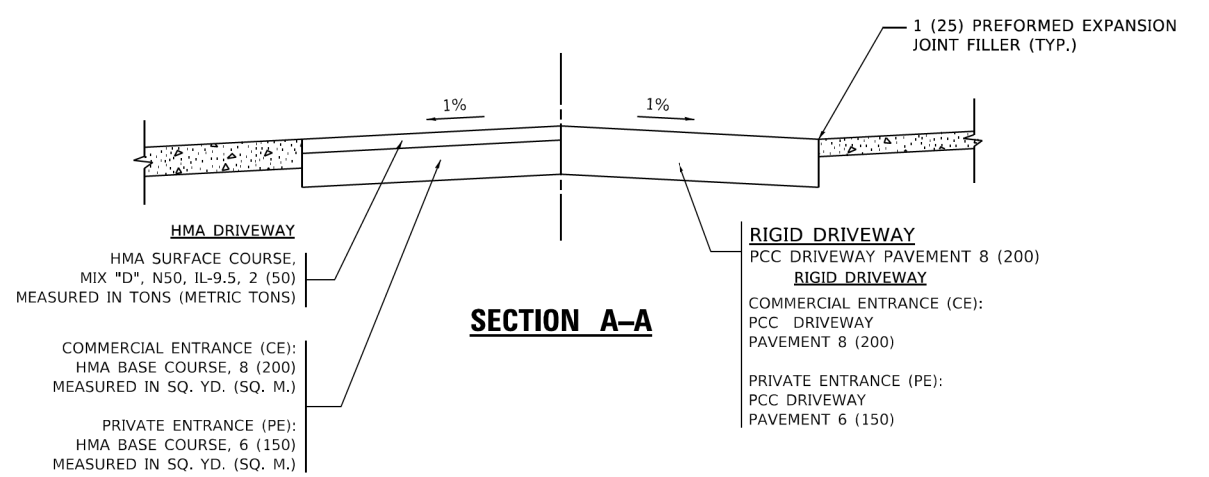
**PLAN**  
**10' (3.0 m) TO < 15' (4.5 m)**



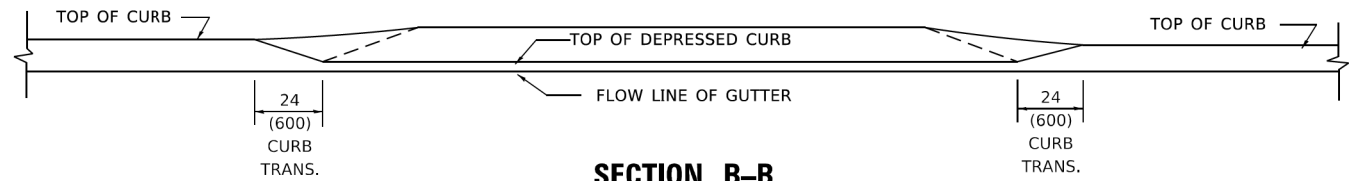
**PLAN**  
**6' (1.8 m) TO < 10' (3.0 m)**



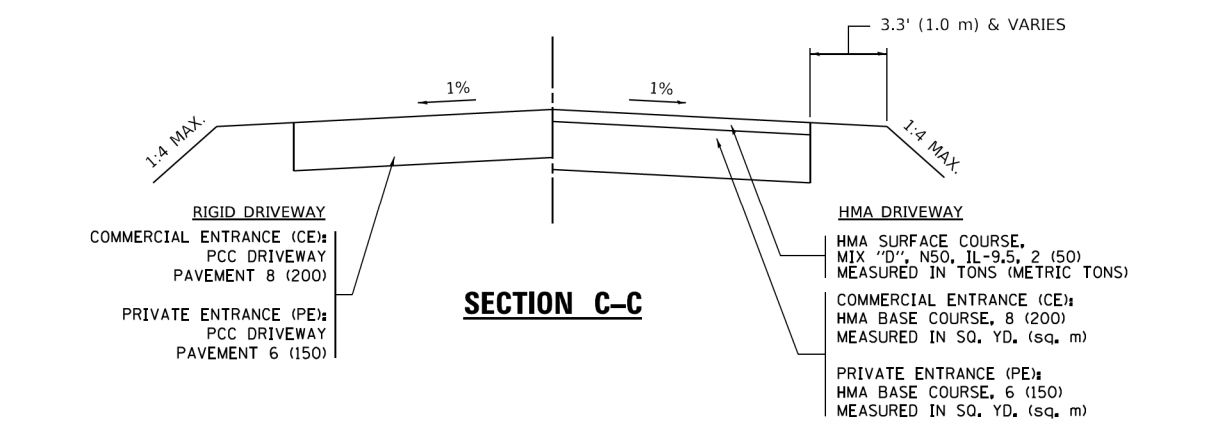
**PLAN**  
**6' (1.8 m) TO 10' (3.0 m)**



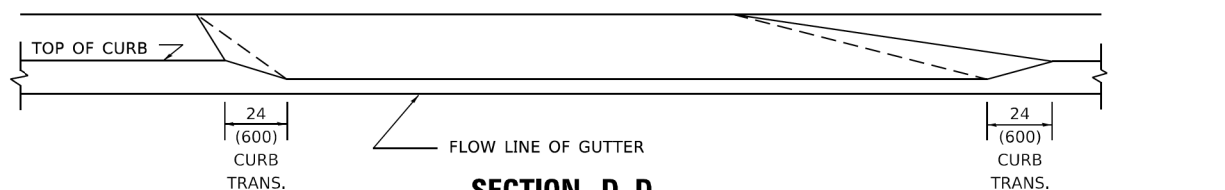
**SECTION A-A**



**SECTION B-B**



**SECTION C-C**



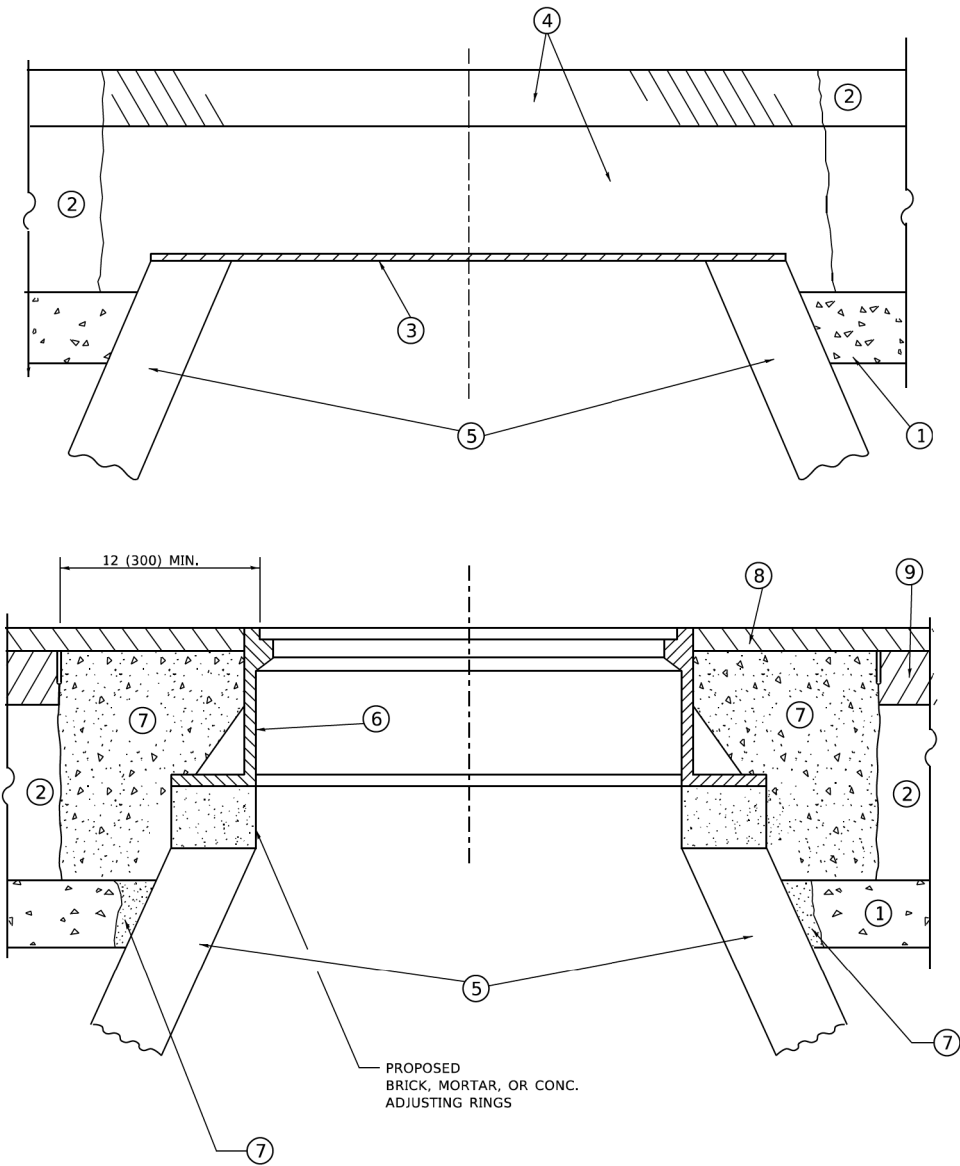
**SECTION D-D**

**GENERAL NOTES**

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

FILE NAME: p:\projects\dot\documents\DOT Offices\District 1\Projects\Dis\542123\A\CADData\CADsheets\bd02.dgn	USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 09-06-11					2049	23-00114-00-CH	COOK	79	54
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-27-19		BD400-02 (BD-02)			CONTRACT NO. 61M16				
	PLOT DATE = 11/18/2022	DATE - 11-06-95	REVISED - K. SMITH 11-18-22		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT  
WITH MILLING**

**NOTES**

- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

**STAGE 2 (AFTER PAVEMENT MILLING)**

- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- |  |                               |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL                 | ⑥ FRAME AND LID (SEE NOTES)   |
| ② EXISTING PAVEMENT                          | ⑦ CLASS PP-2* CONCRETE        |
| ③ 36 (900) DIAMETER METAL PLATE              | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE  |
| ⑤ EXISTING STRUCTURE                         |                               |

**LOCATION OF STRUCTURES**

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

**BASIS OF PAYMENT**

- REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL Default  
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USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

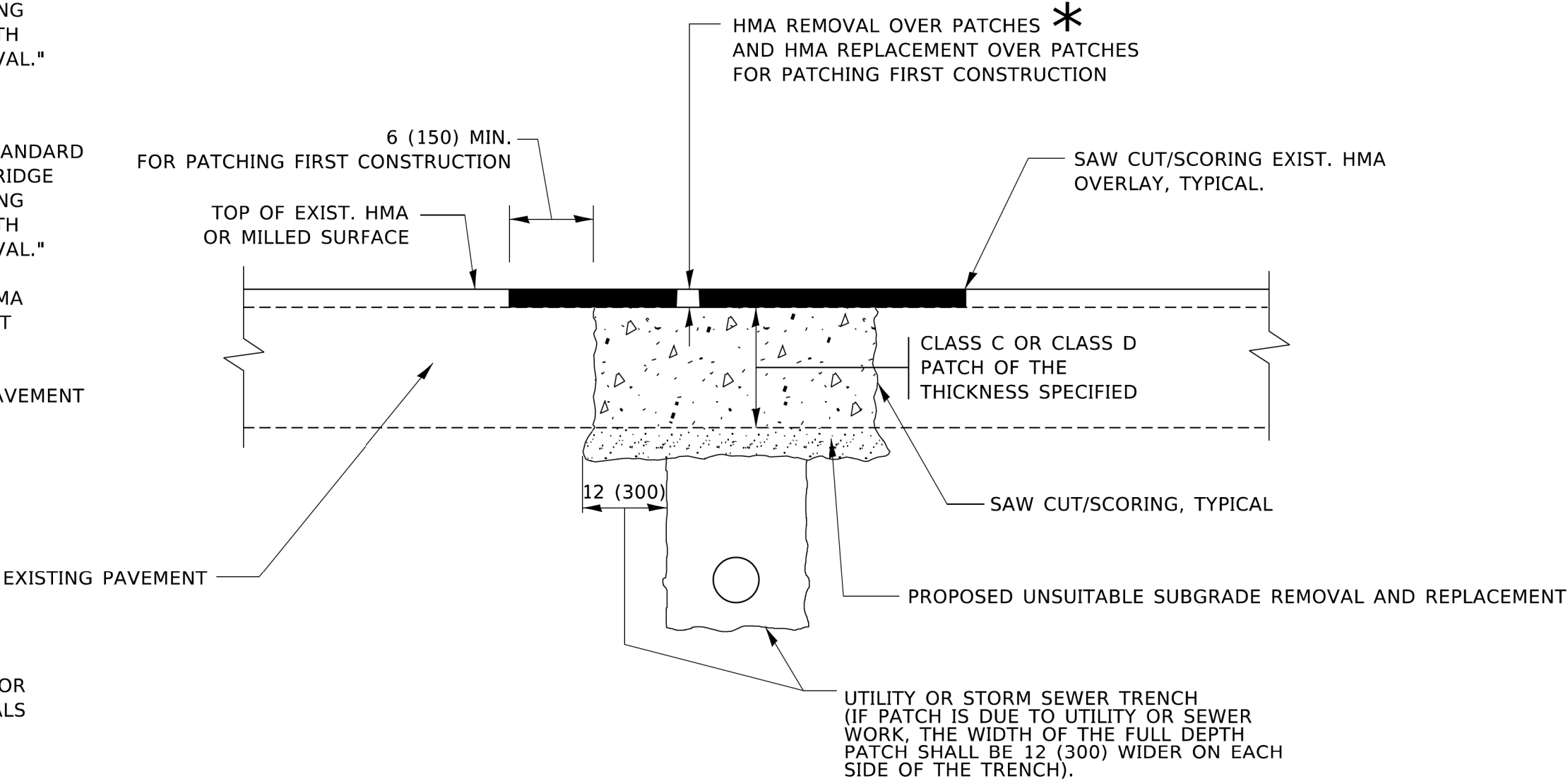
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	55
BD600-03 (BD-08)		CONTRACT NO. 61M16		
		ILLINOIS	FED. AID PROJECT	

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

- 1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
- 2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
- 3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

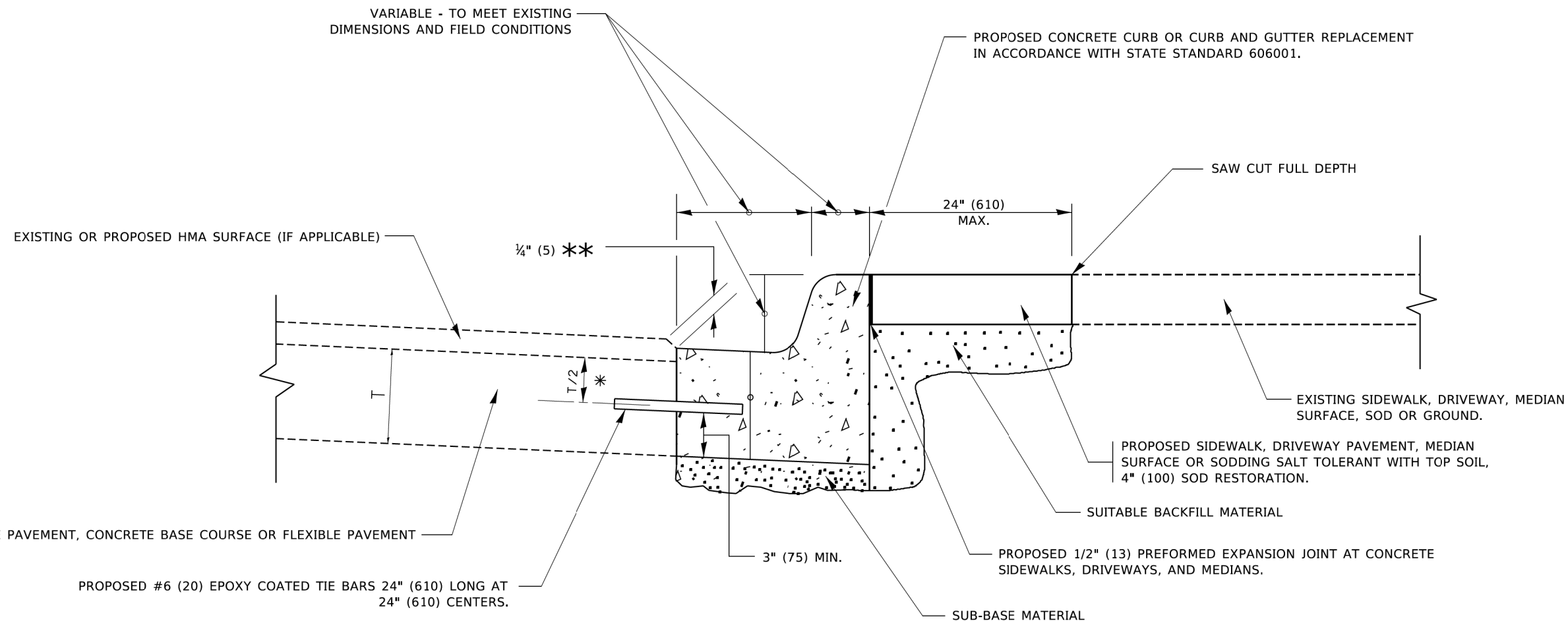
- 1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

MODEL Default  
FILE Name: pavilides-cw.bentley.com\PI\DOT\Documents\DOT Offices\District 1\Projects\Dis4213\ACAD\Draws\CAD\Sheets\bd22.dgn

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		DRAWN -	REVISED - R. BORO 09-04-07						2049	23-00114-00-CH	COOK	79	56
	PLOT SCALE = 100,0000 " / in.	CHECKED -	REVISED - K. ENG 10-27-08						BD400-04 (BD-22)		CONTRACT NO. 61M16		
	PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22						ILLINOIS FED. AID PROJECT				

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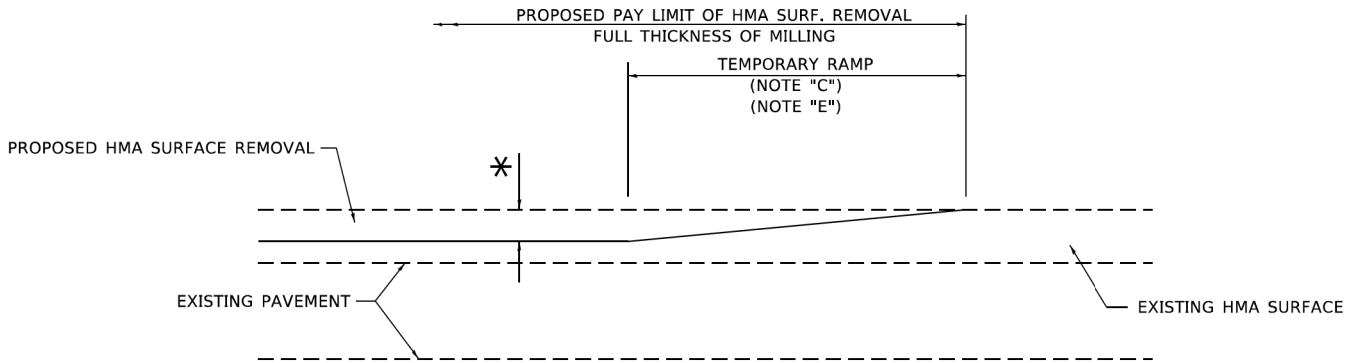


- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

## CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

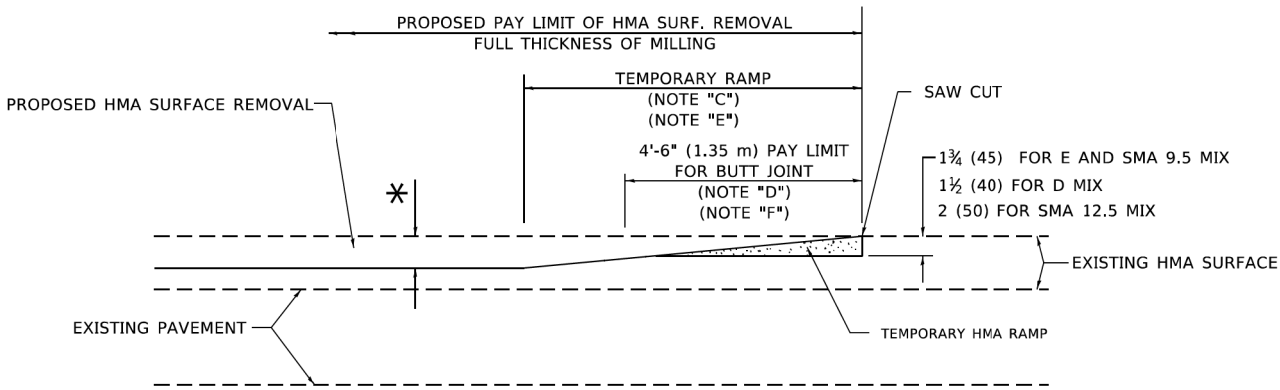
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.

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	PLOT DATE = 7/11/2019		DATE - 03-11-94	REVISED - K. SMITH 07-11-19		SCALE: NONE		SHEET 1 OF 1 SHEETS		ILLINOIS FED. AID PROJECT		



**MILLED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

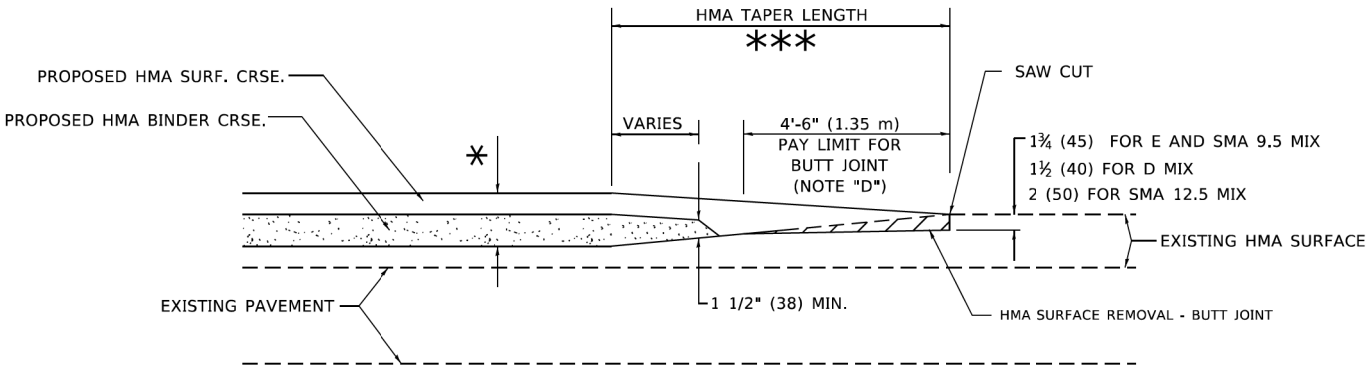
**OPTION 1**



**HMA CONSTRUCTED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

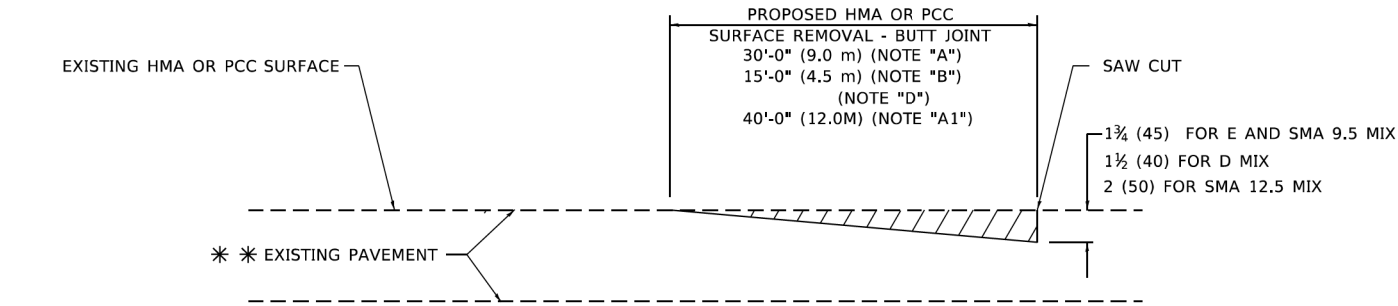
**OPTION 2**

**TYPICAL TEMPORARY RAMP**

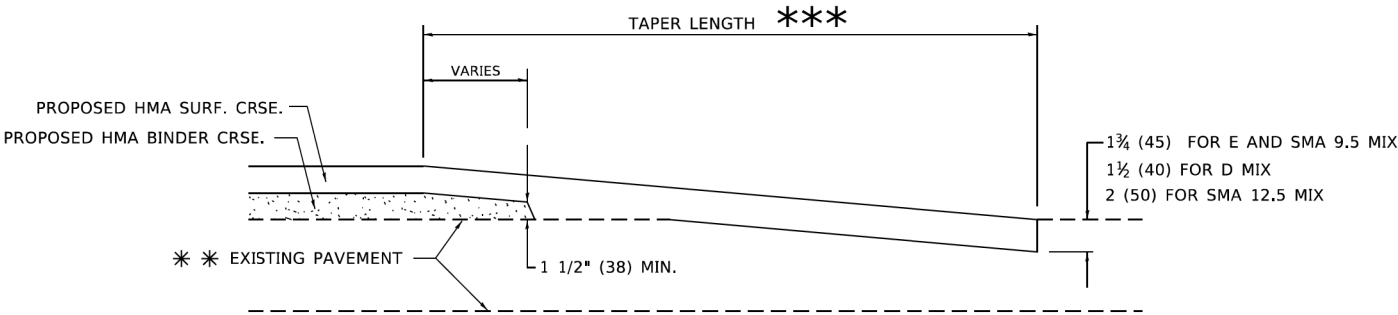


**BUTT JOINT AND  
HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY**

**\*\*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**GENERAL NOTES**

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.  
**\*** SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".  
**\*\*\*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT**

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

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USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

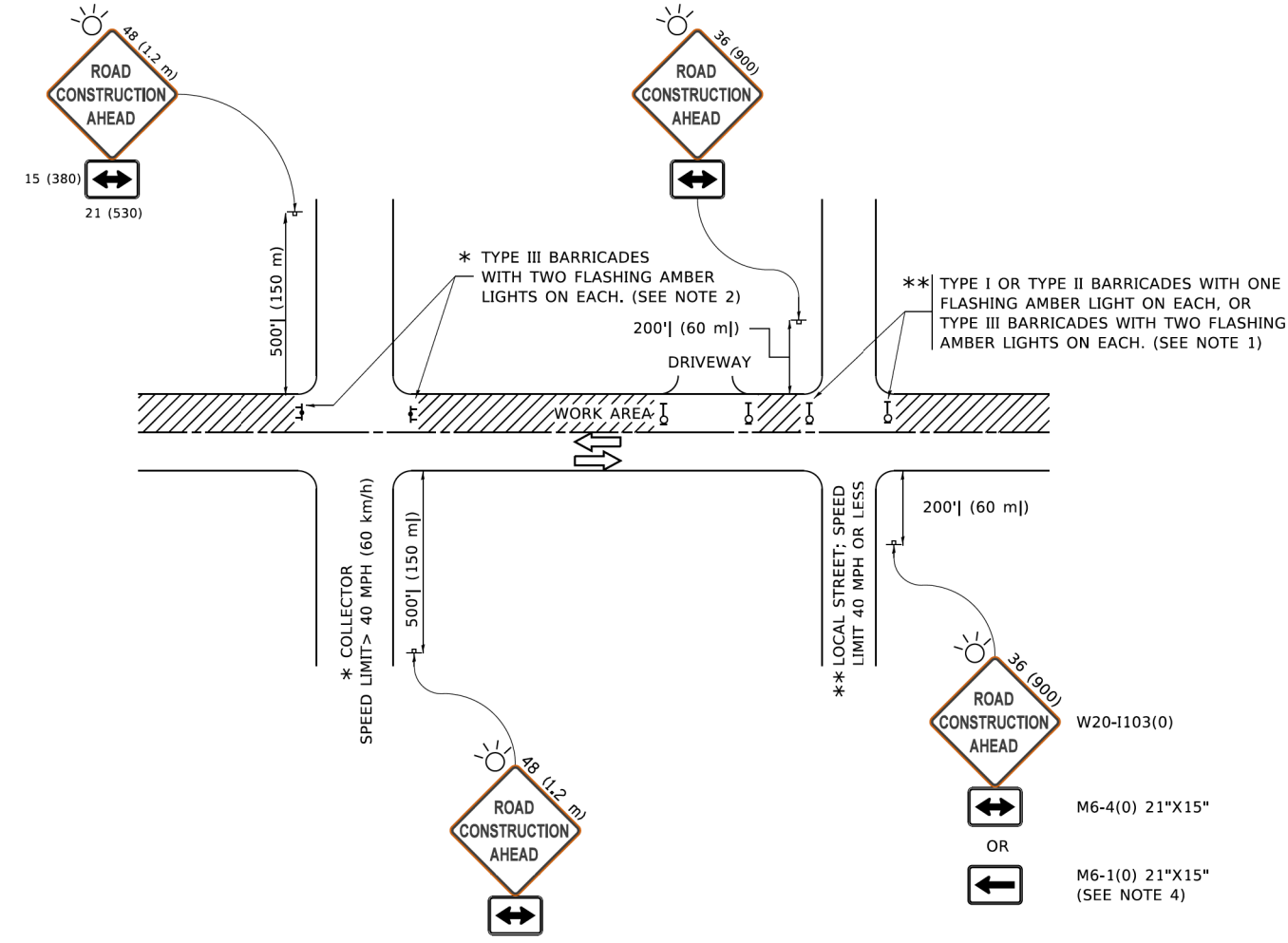
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	58
BD400-05 BD-32		CONTRACT NO. 61M16		
		ILLINOIS FED. AID PROJECT		

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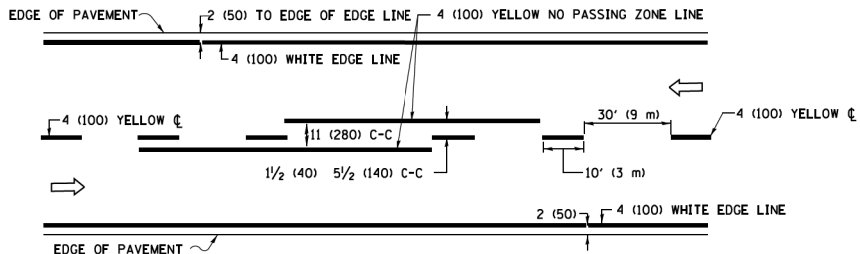
NOTES:

- 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.

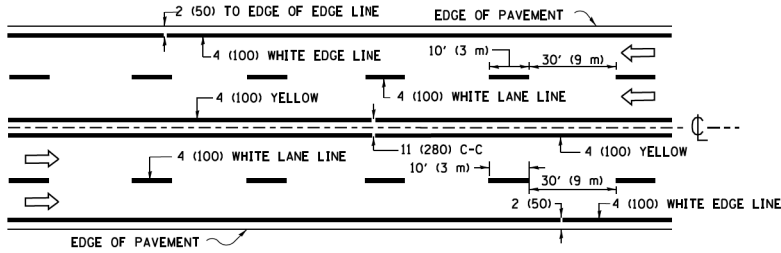
All dimensions are in inches (millimeters) unless otherwise shown.

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		DRAWN -	REVISED - T. RAMMACHER 01-06-00						2049	23-00114-00-CH	COOK	79	59
	PLOT SCALE = 50,0000 ' / ft.	CHECKED -	REVISED - A. SCHUETZE 07-01-13						TC-10		CONTRACT NO. 61M16		
	PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16						ILLINOIS FED. AID PROJECT				

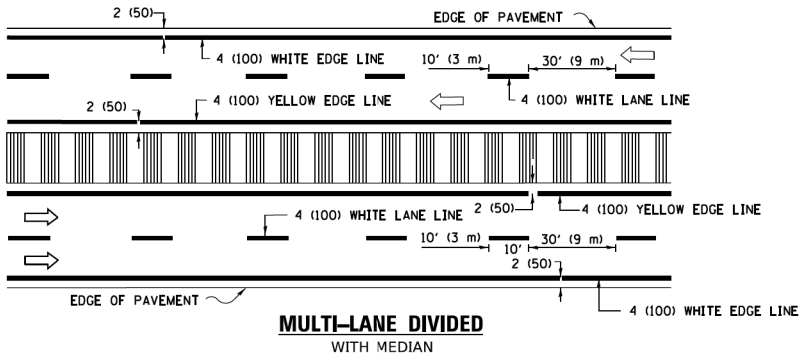
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6/23/2019 10:34:37 AM User:footej



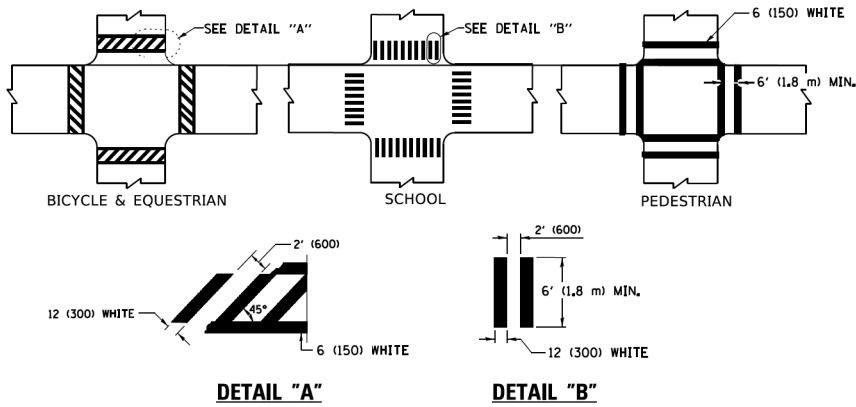
2-LANE ROADWAY



MULTI-LANE UNDIVIDED

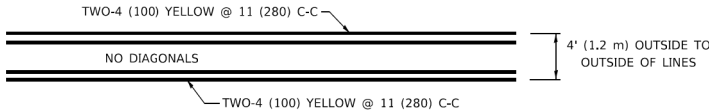


TYPICAL LANE AND EDGE LINE MARKING

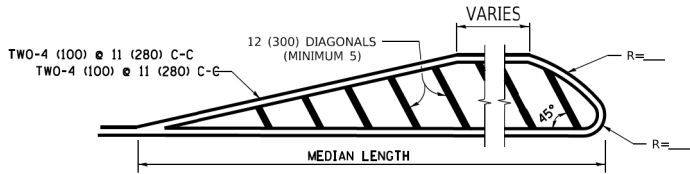


TYPICAL CROSSWALK MARKING

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

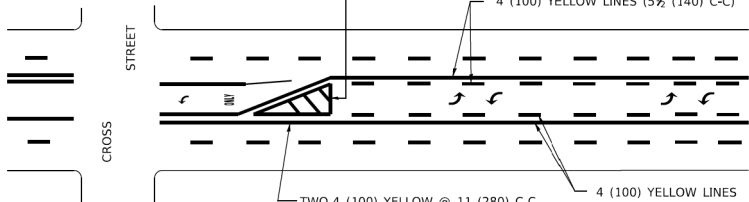


4' (1.2 m) WIDE MEDIANS ONLY

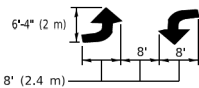


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

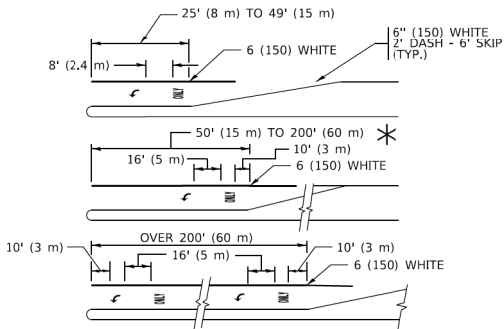


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

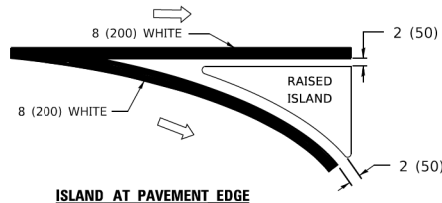
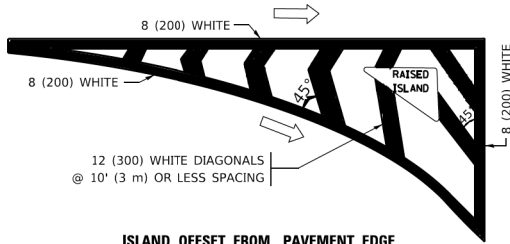


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

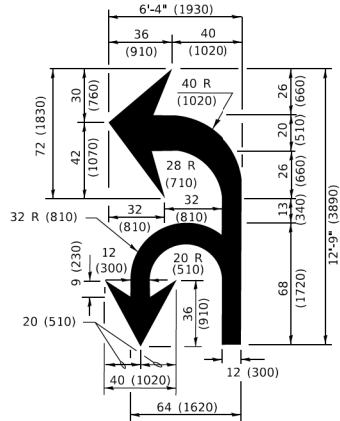
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

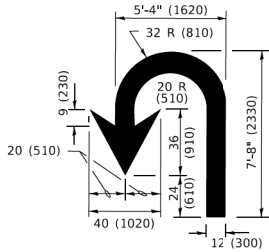
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION  
LEFT AND U-TURN



LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	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) 2' (600) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 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 <sup>2</sup> ) EACH *X*=54.0 SQ. FT. (5.0 m <sup>2</sup> )
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.

USER NAME = footej	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.0000' / 1"	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.
2049	23-00114-00-CH	COOK	79	60
TC-13		CONTRACT NO. 61M16		
		ILLINOIS	FED. AID PROJECT	



TURN BAY ENTRANCE AT START  
OF LANE CLOSURE TAPER

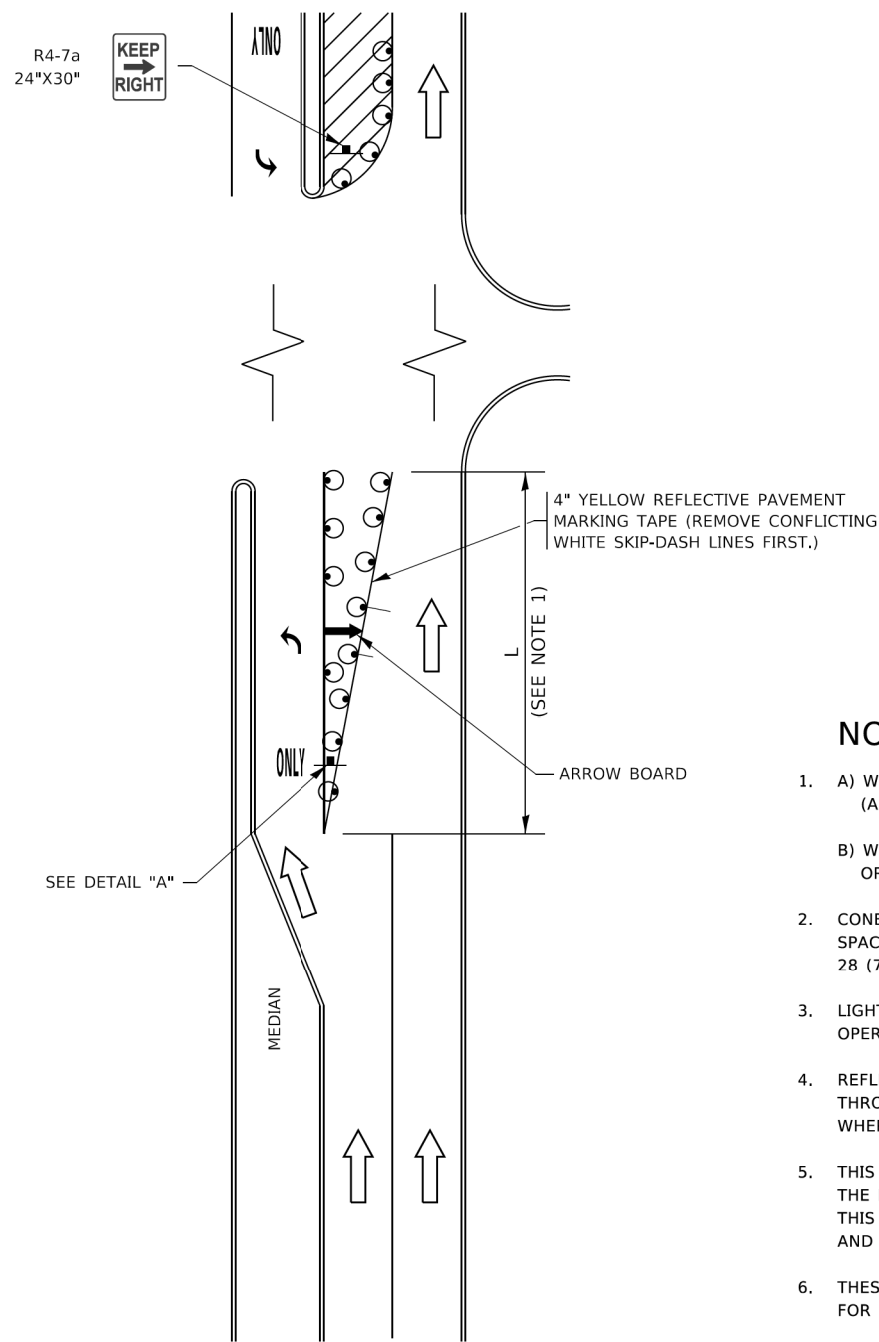


FIGURE 1

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:

- A) WHEN "L" IS  $\leq$  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.
- 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.
- LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- 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.
- 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.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
- 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.

TURN BAY ENTRANCE  
WITHIN A LANE CLOSURE

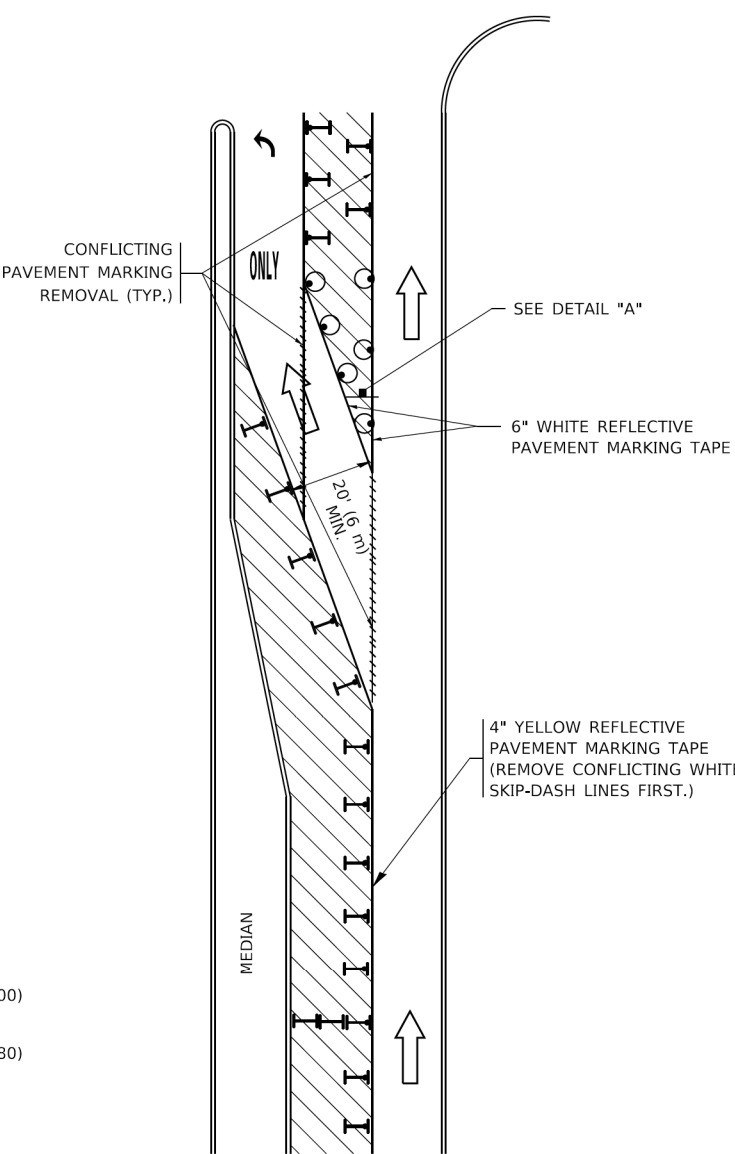
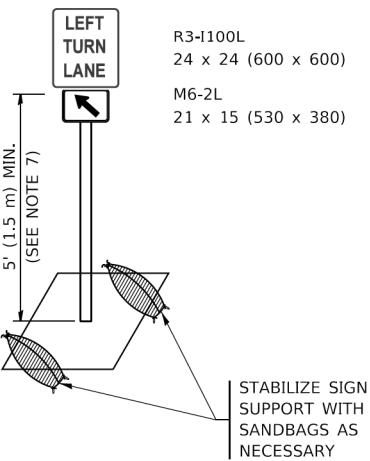


FIGURE 2



DETAIL A

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

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	DRAWN - A. HOUSEH 11-07-95
PLOT SCALE = 50.0000' / in.	CHECKED - A. HOUSEH 10-12-96
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00

REVISED - R. BORO 09-14-09
REVISED - A. SCHUETZE 07-01-13
REVISED - A. SCHUETZE 09-15-16
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.
2049	23-00114-00-CH	COOK	79	61
TC-14		CONTRACT NO. 61M16		
ILLINOIS		FED. AID PROJECT		



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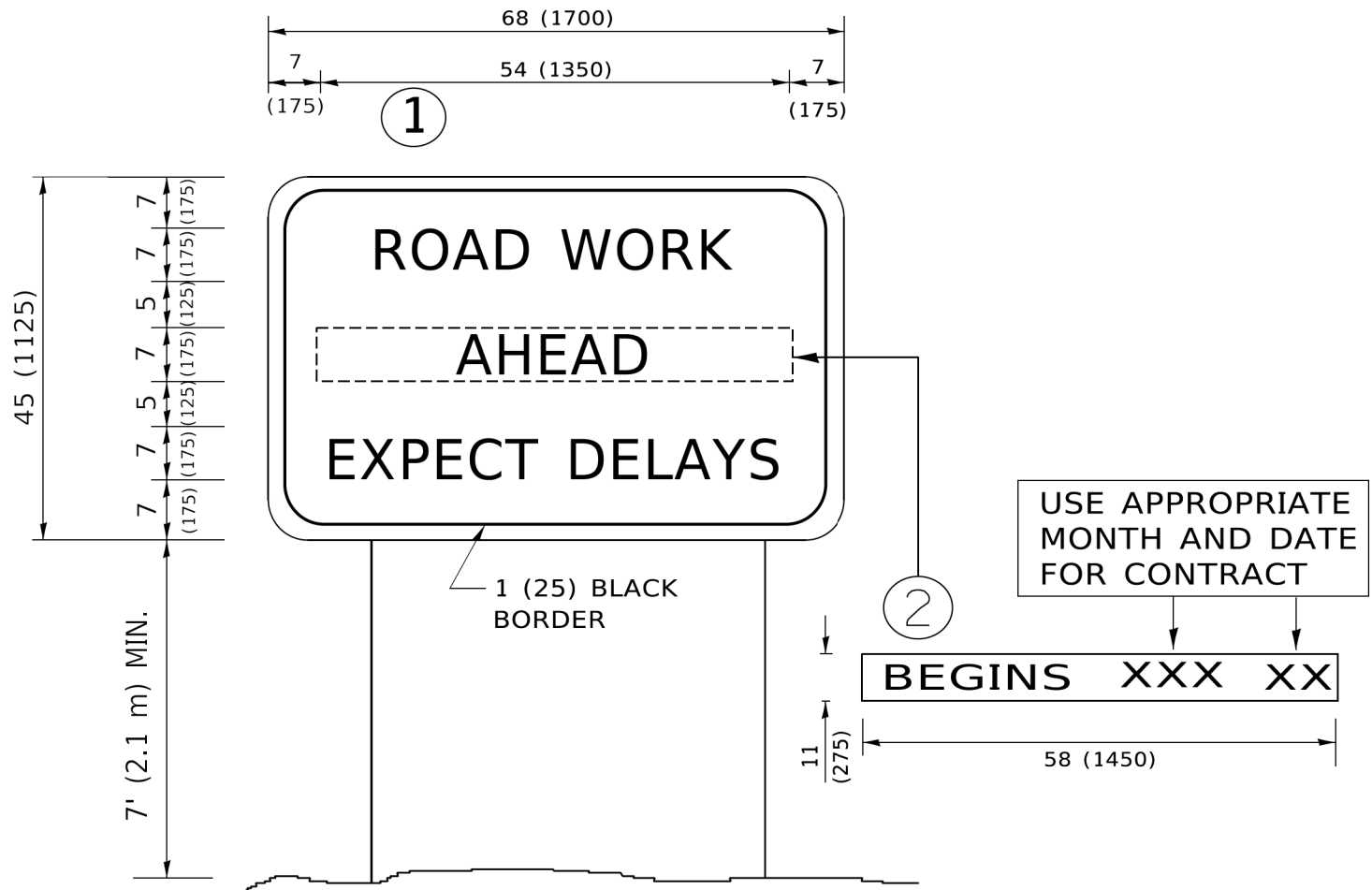
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PLOT DATE	= 3/4/2019	DATE	-	REVISED	-	C. JUCIUS 01-31-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD  
INFORMATION SIGN

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

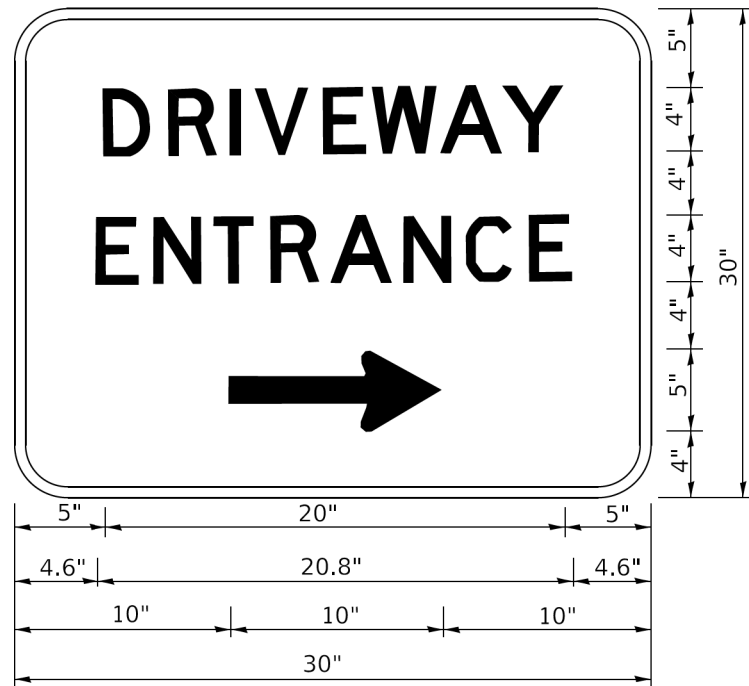
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2049	23-00114-00-CH	COOK	79	63
TC-22		CONTRACT NO. 61M16		
ILLINOIS		FED. AID PROJECT		



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 SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON 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.



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".

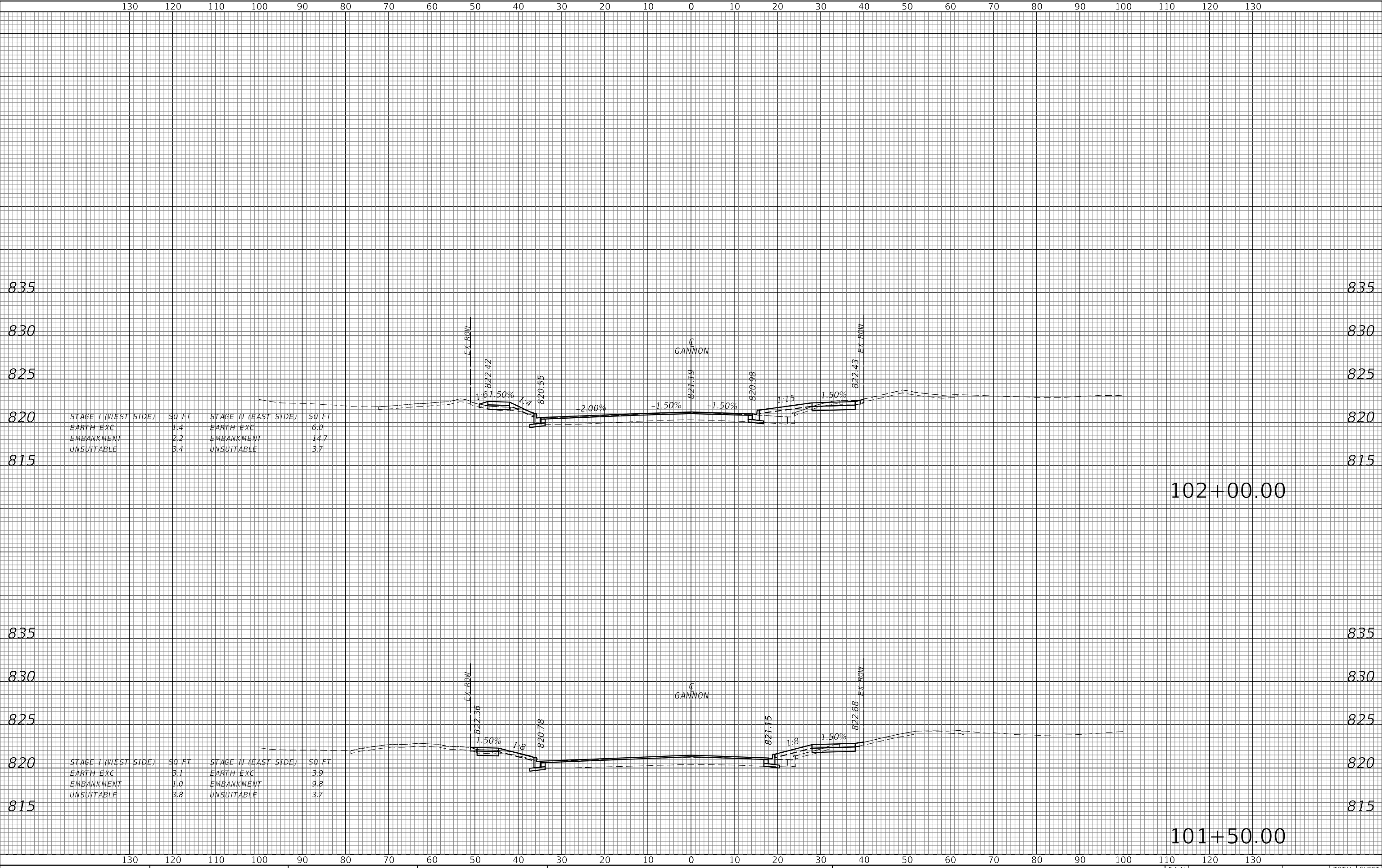
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	USER NAME = leysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY ENTRANCE SIGNING			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					2049	23-00114-00-CH	COOK	79	64
	PLOT SCALE = 50.0000 ' / ft.	CHECKED -	REVISED -		TC-26			CONTRACT NO. 61M16				
	PLOT DATE = 8/6/2021	DATE -	REVISED -		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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TRANSYSTEMS

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	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

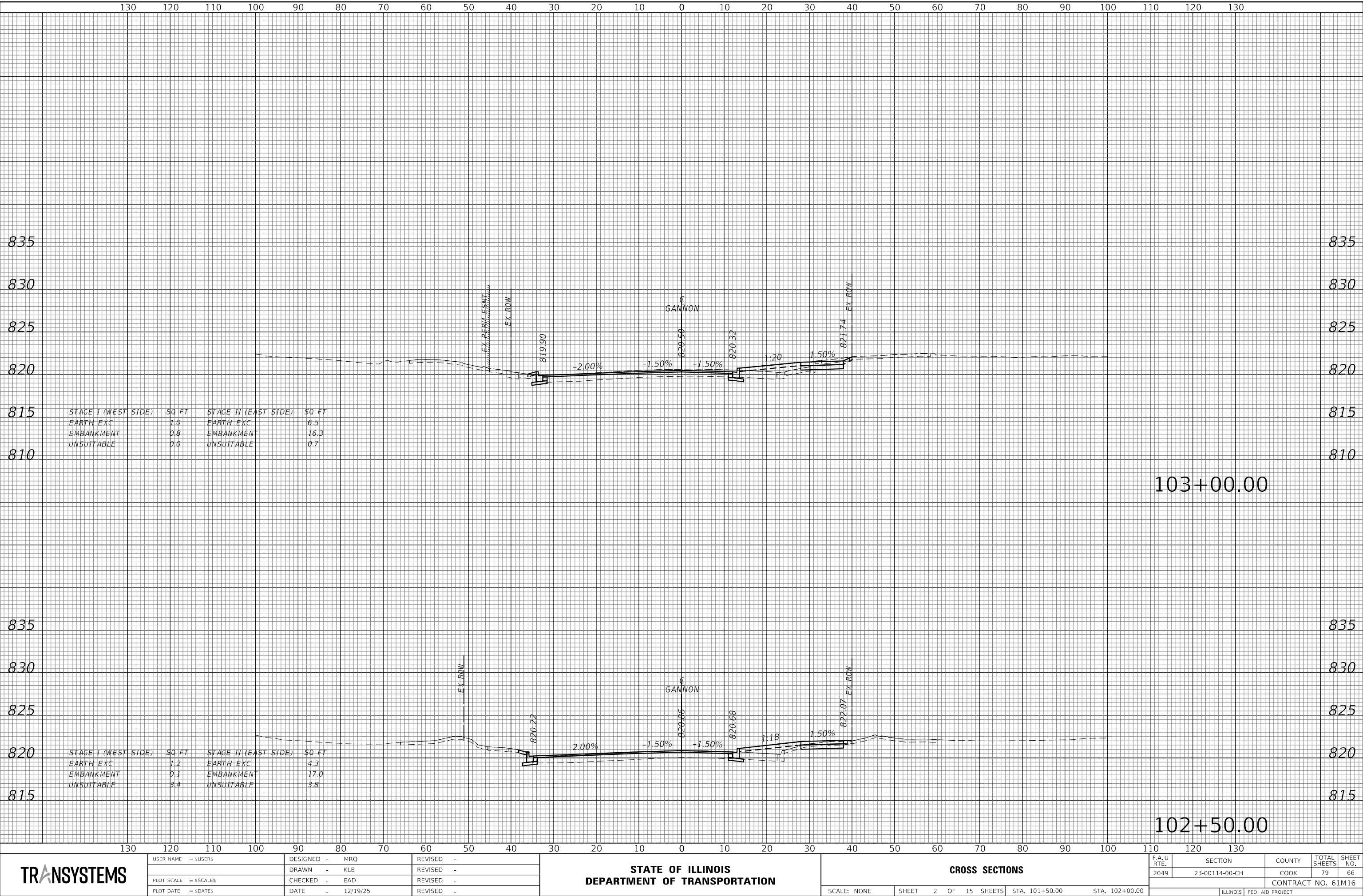
SCALE: NONE SHEET 1 OF 15 SHEETS STA. 100+50.00 STA. 101+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	65
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

MODEL: SH06LNAME5  
FILE NAME: ST115



TRANSYSTEMS

USER NAME = SUSERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = S\$CALES	CHECKED - EAD	REVISED -
PLOT DATE = S\$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

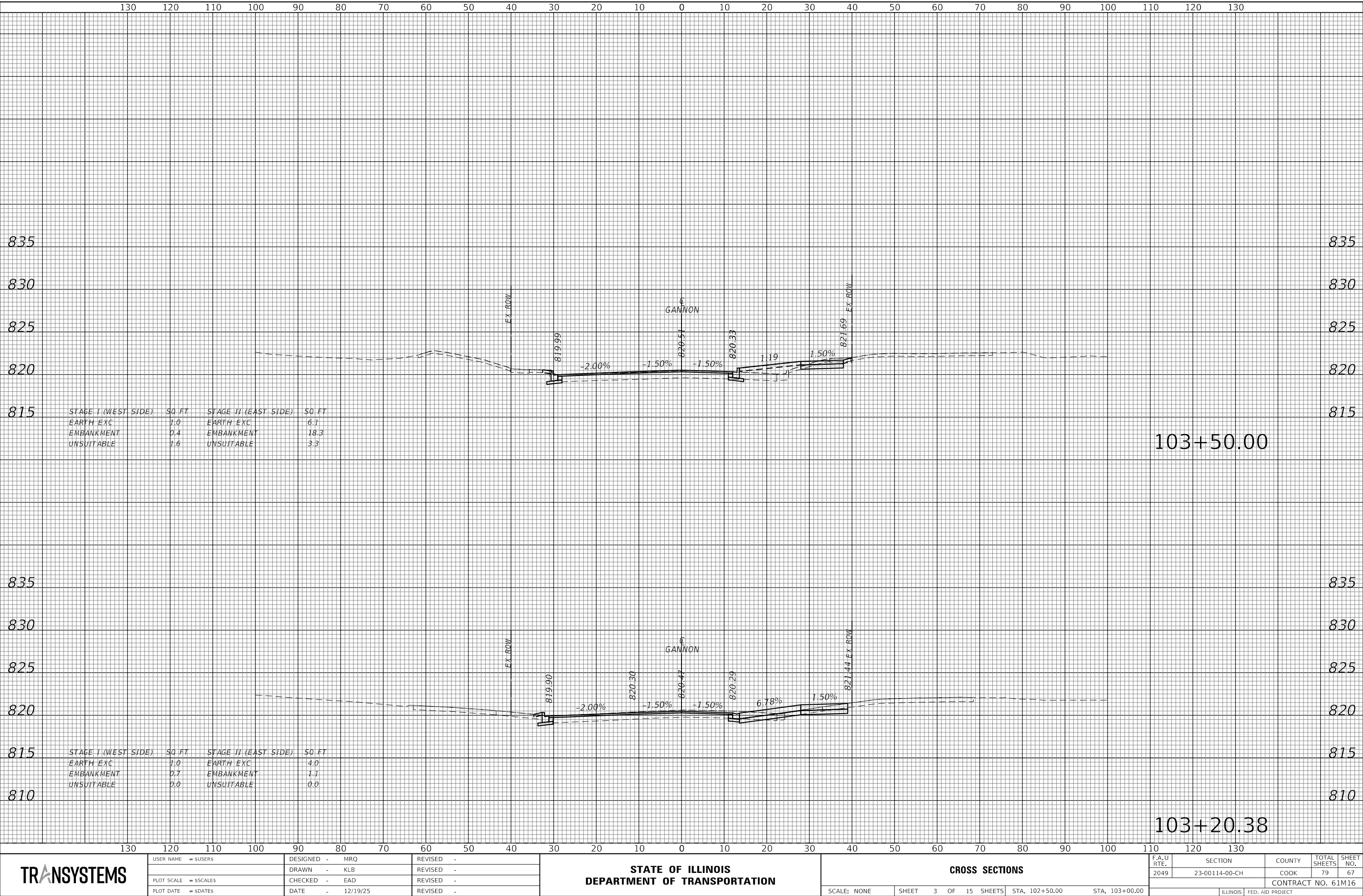
SCALE: NONE SHEET 2 OF 15 SHEETS STA. 101+50.00 STA. 102+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	66
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED NO.	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED NO.	DATE

MODEL: SPODEMANES  
FILE NAME: S11L5



TRANSYSTEMS

USER NAME = SUSERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = S\$CALES	CHECKED - EAD	REVISED -
PLOT DATE = S\$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

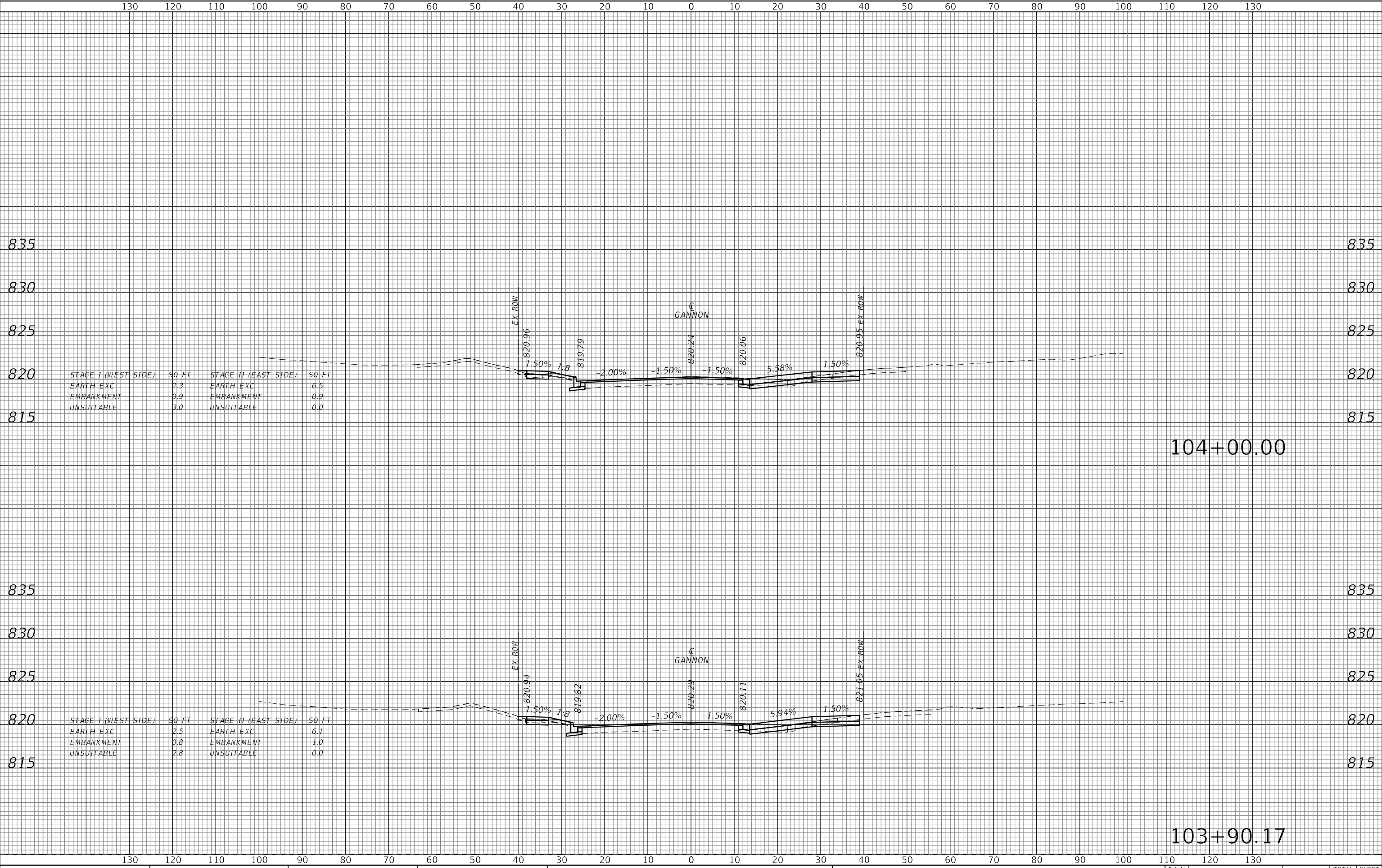
SCALE: NONE	SHEET 3 OF 15 SHEETS	STA. 102+50.00	STA. 103+00.00
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	67
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: SH01NAME\$  
FILE NAME: \$FILE\$



TRANSYSTEMS

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: NONE SHEET 4 OF 15 SHEETS STA. 103+20.38 STA. 103+50.00

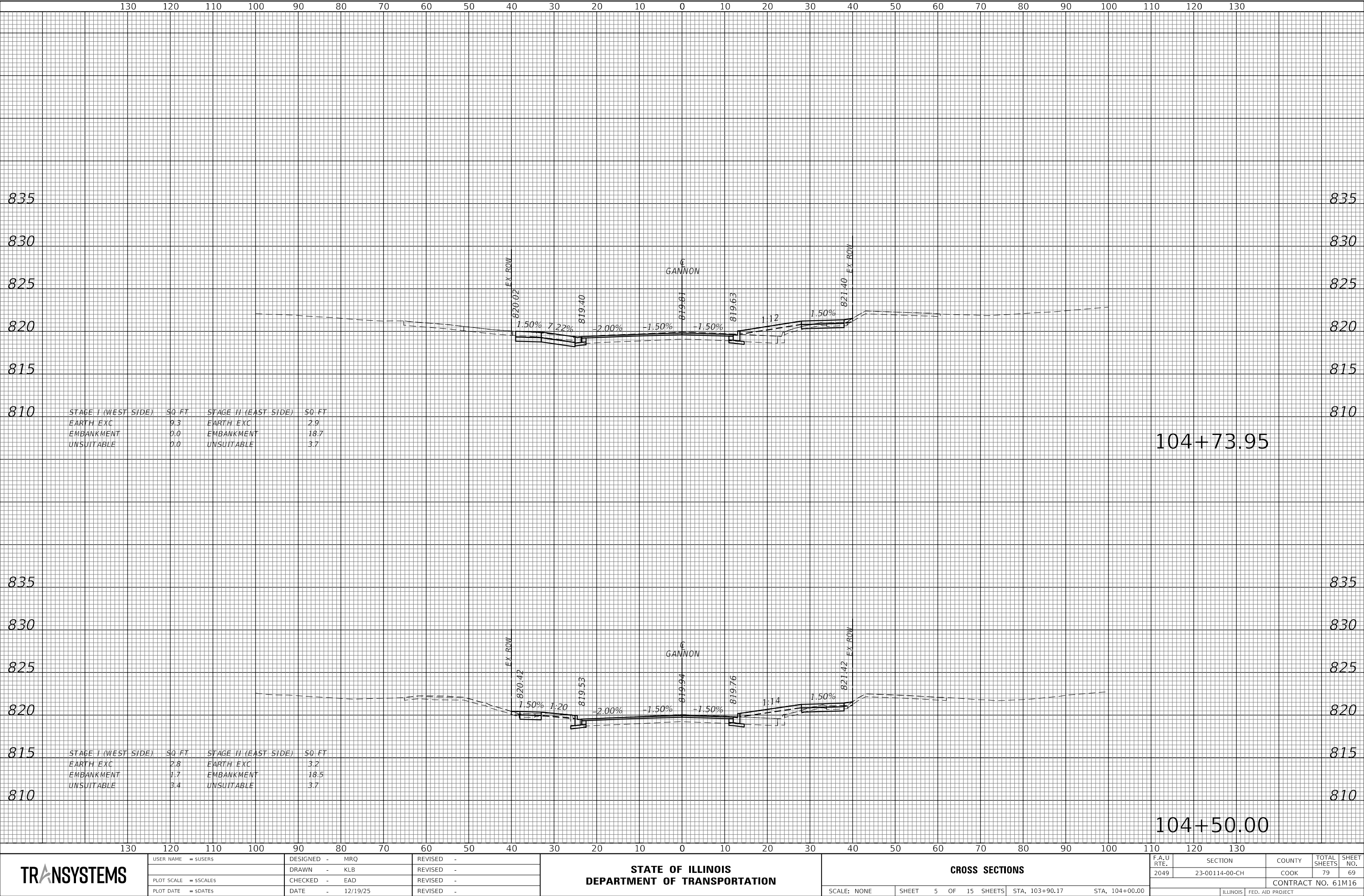
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	68
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED PLOTTED	DATE			
			NOTE BOOK	AREAS CHECKED	
					NO.

ORIGINAL SURVEY	SURVEYED PLOTTED	DATE			
			NOTE BOOK	AREAS CHECKED	
					NO.

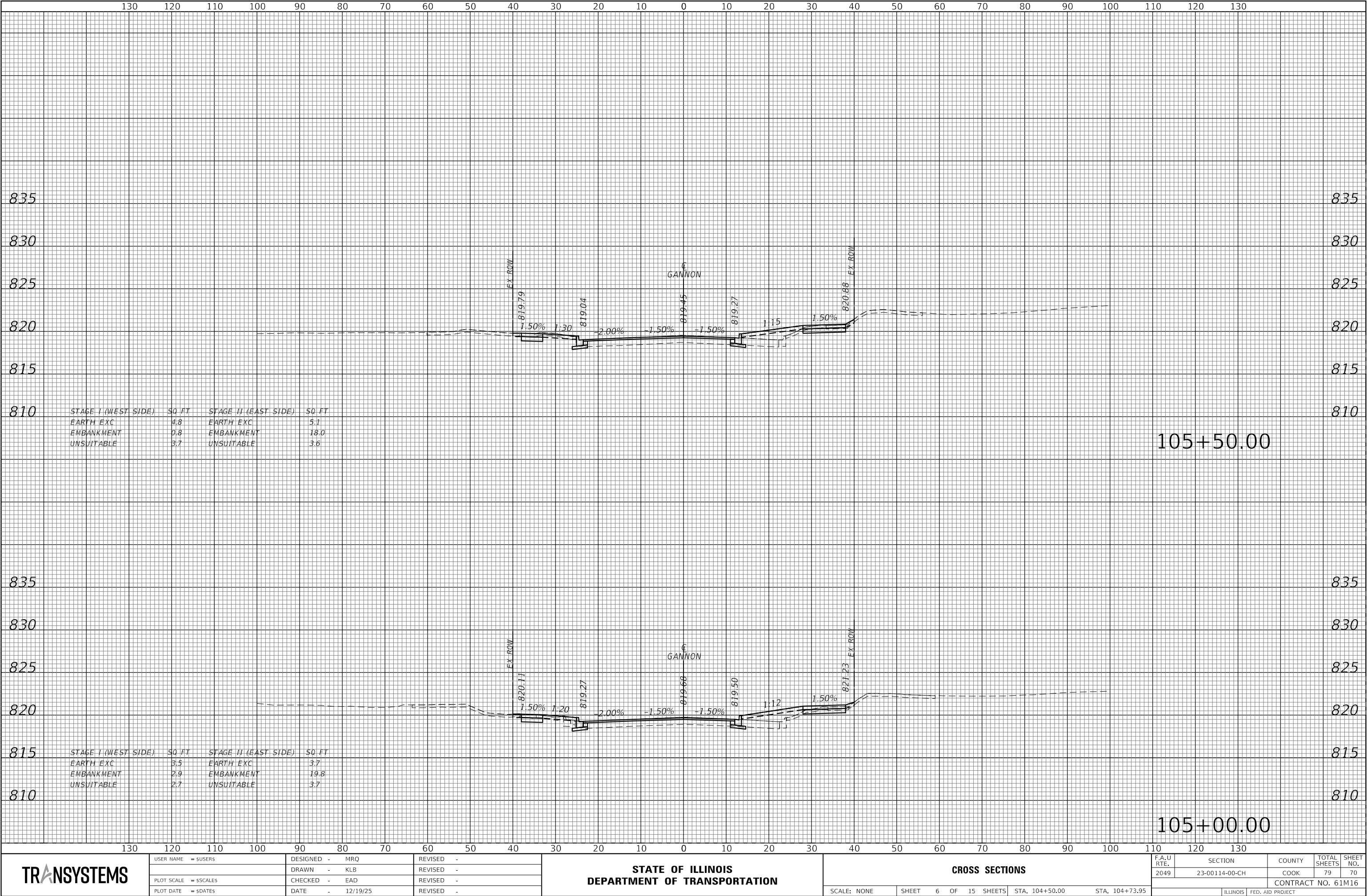
MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$



FINAL SURVEY	SURVEYED PLOTTED TEMPLATE NO.	BY	DATE

ORIGINAL SURVEY	SURVEYED PLOTTED TEMPLATE NO.	BY	DATE

MODEL: SH06LNAME5  
FILE NAME: ST11L5



TRANSYSTEMS

USER NAME = SUSERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = S\$CALES	CHECKED - EAD	REVISED -
PLOT DATE = S\$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

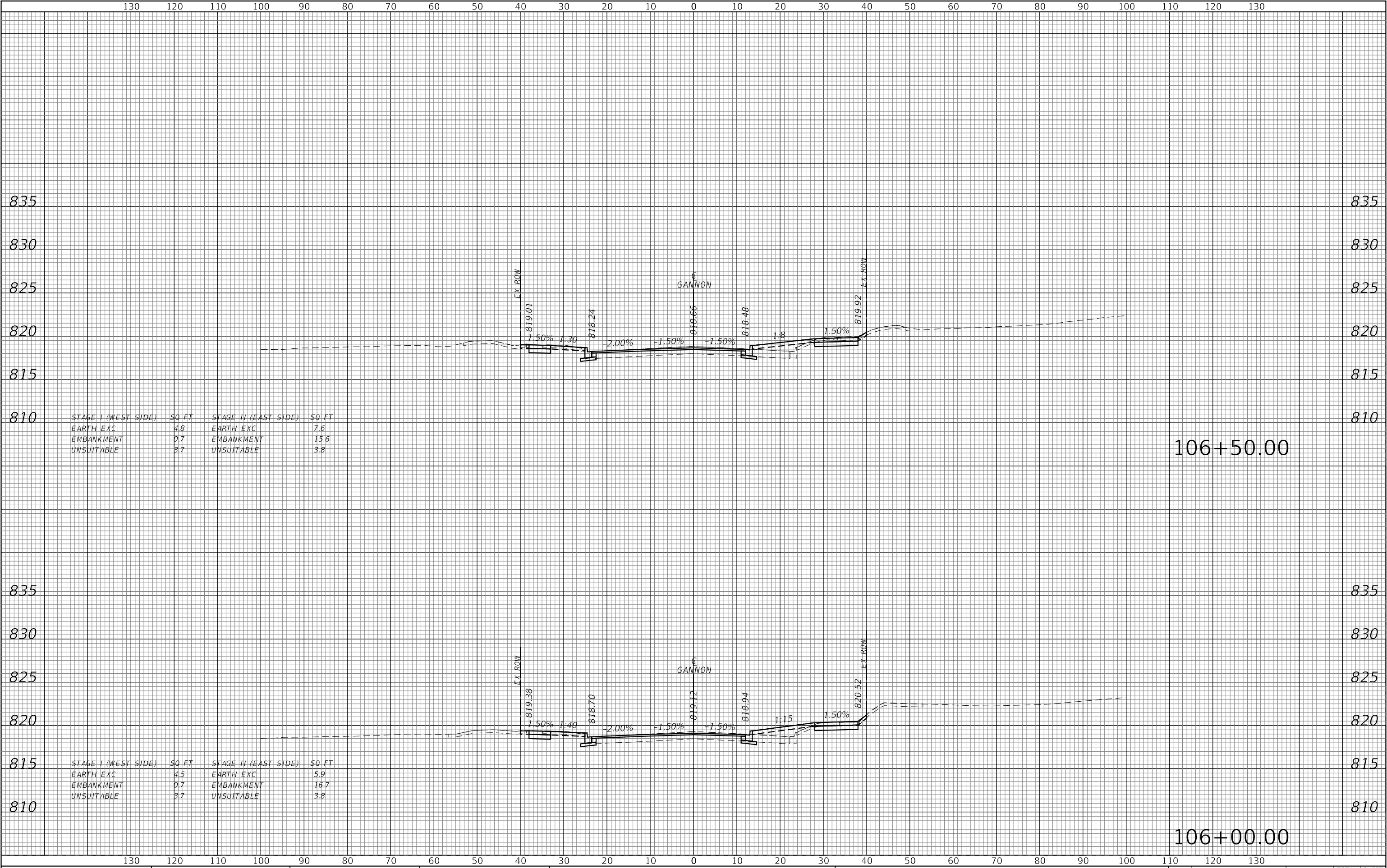
SCALE: NONE SHEET 6 OF 15 SHEETS STA. 104+50.00 STA. 104+73.95

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	70
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
NO.			

ORIGINAL SURVEY	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
NO.			

MODEL: SH06LNAME5  
FILE NAME: \$FILEL



STAGE I (WEST SIDE)	SQ. FT.	STAGE II (EAST SIDE)	SQ. FT.
EARTH EXC	4.8	EARTH EXC	7.6
EMBANKMENT	0.7	EMBANKMENT	15.6
UNSUITABLE	3.7	UNSUITABLE	3.8

106+50.00

STAGE I (WEST SIDE)	SQ. FT.	STAGE II (EAST SIDE)	SQ. FT.
EARTH EXC	4.5	EARTH EXC	5.9
EMBANKMENT	0.7	EMBANKMENT	16.7
UNSUITABLE	3.7	UNSUITABLE	3.8

106+00.00

TRANSYSTEMS

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

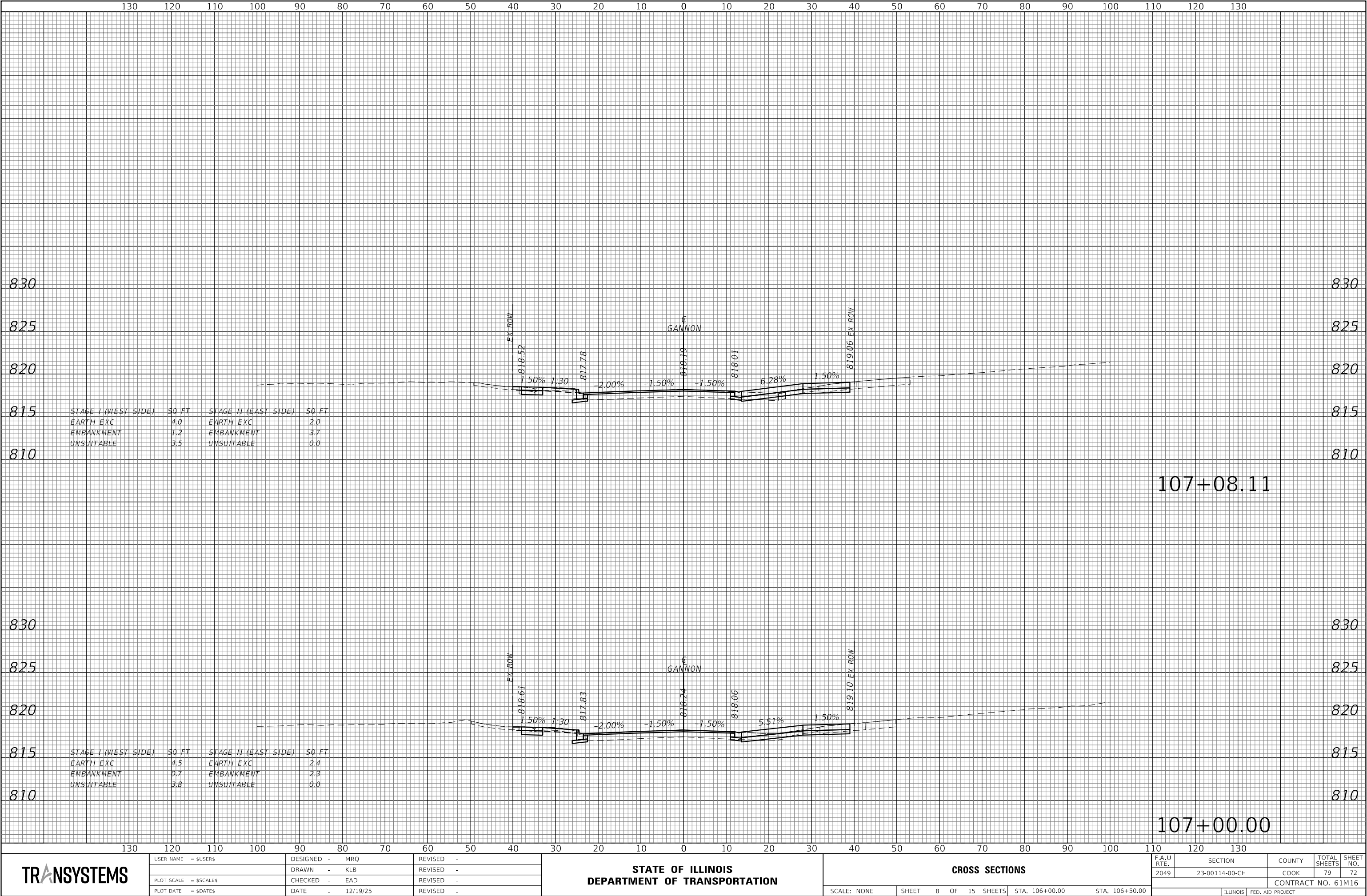
SCALE: NONE SHEET 7 OF 15 SHEETS STA. 105+00.00 STA. 105+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	71
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: SH06LNAME\$  
FILE NAME: \$FILE\$



TRANSYSTEMS

USER NAME	= \$USERS	DESIGNED	-	MRQ	REVISED	-
		DRAWN	-	KLB	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	EAD	REVISED	-
PLOT DATE	= \$DATES	DATE	-	12/19/25	REVISED	-

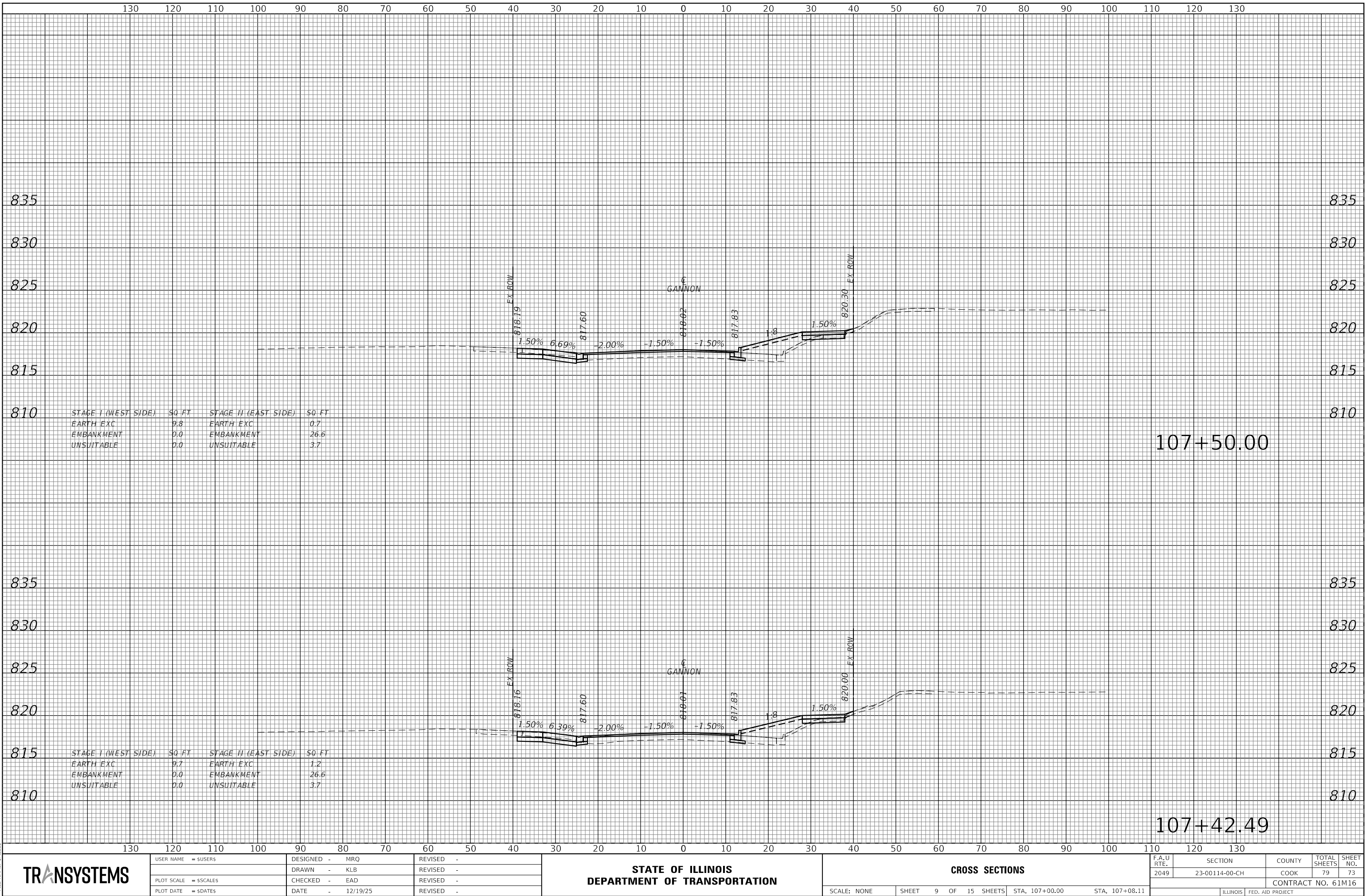
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: NONE    SHEET 8 OF 15 SHEETS    STA. 106+00.00    STA. 106+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	72
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

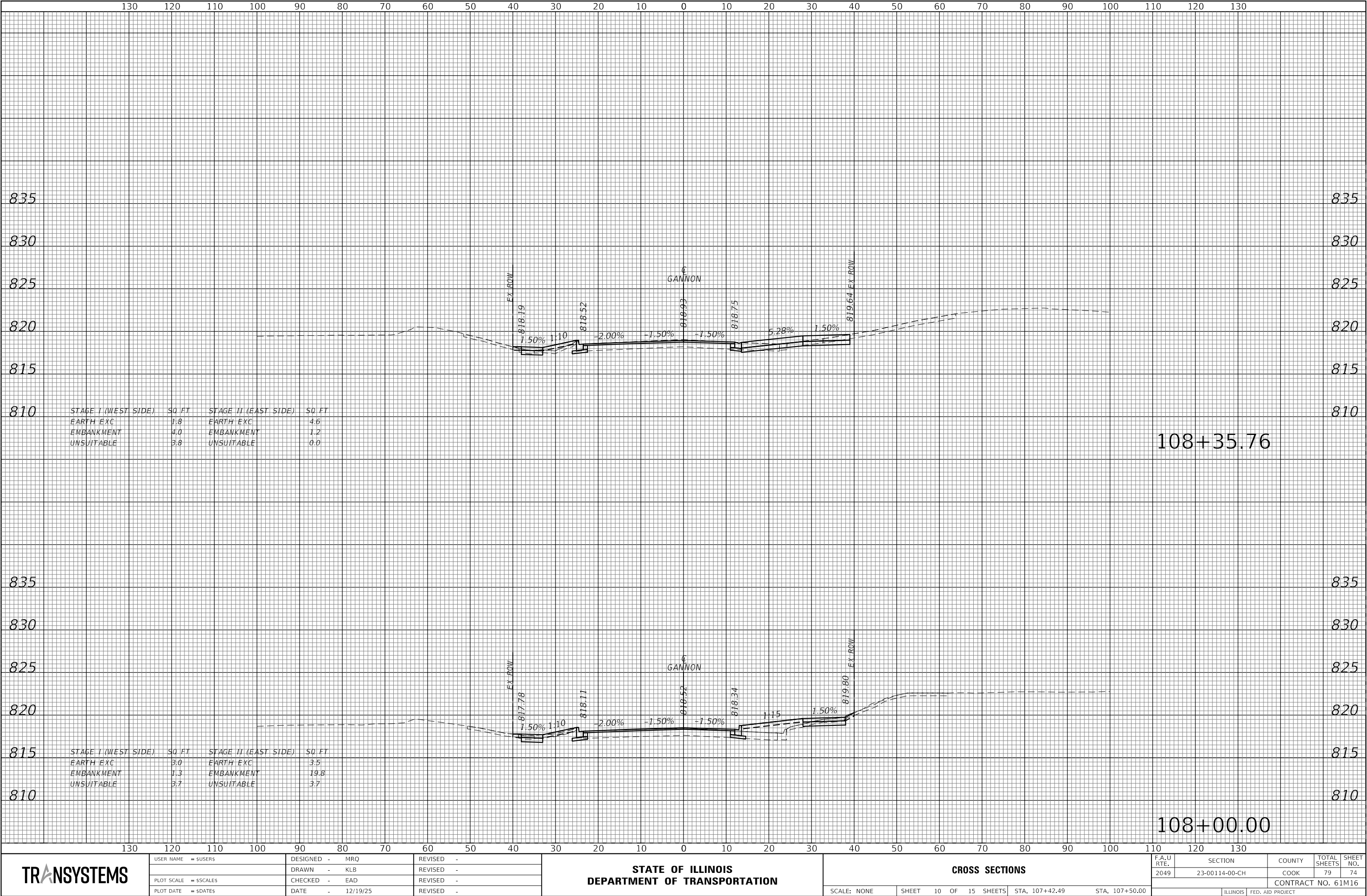
ORIGINAL SURVEY		BY	DATE
NOTED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			



FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: SPODELNAME\$  
FILE NAME: \$FILE\$



TRANSYSTEMS

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

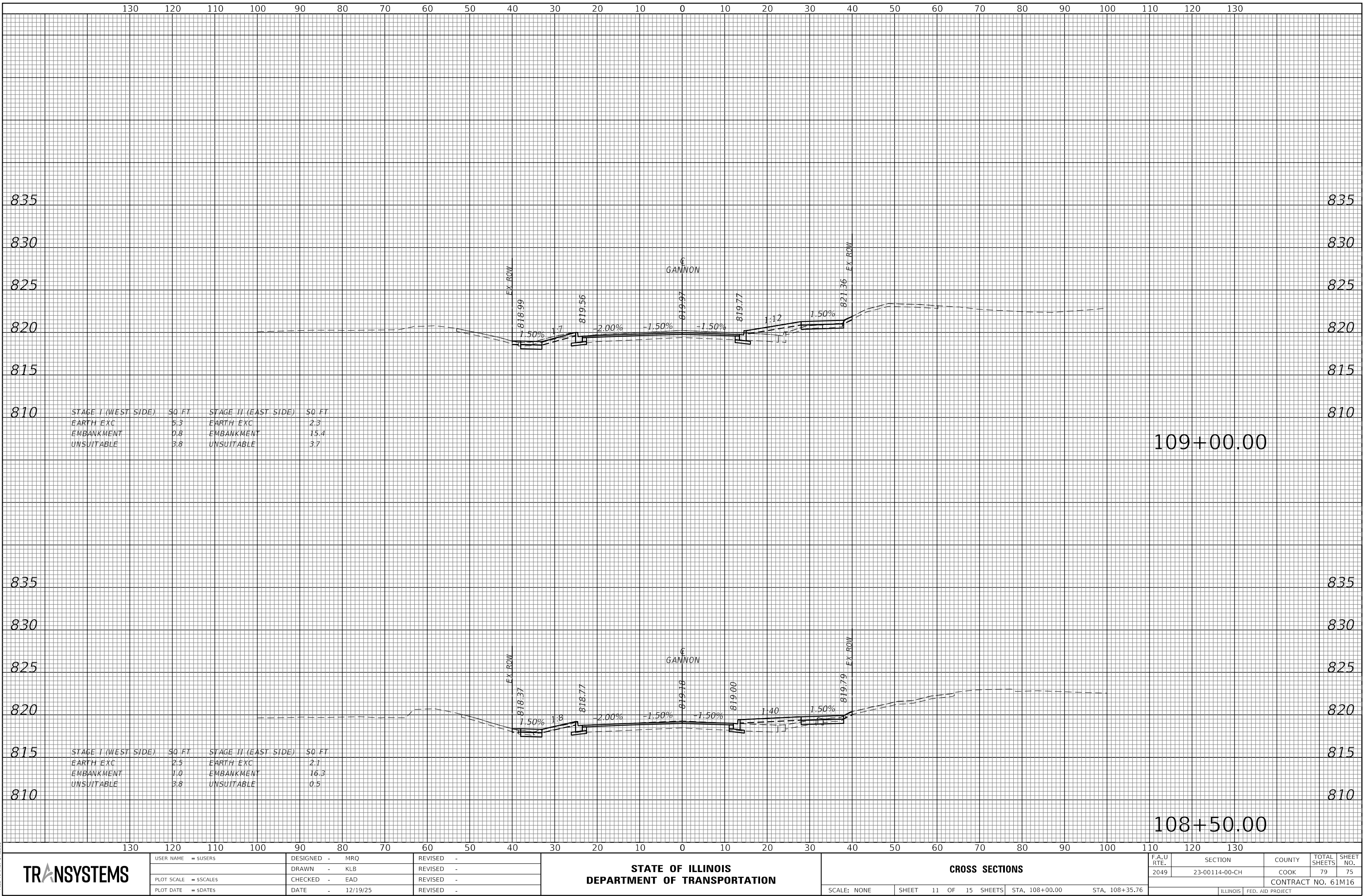
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: NONE SHEET 10 OF 15 SHEETS STA. 107+42.49 STA. 107+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	74
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				

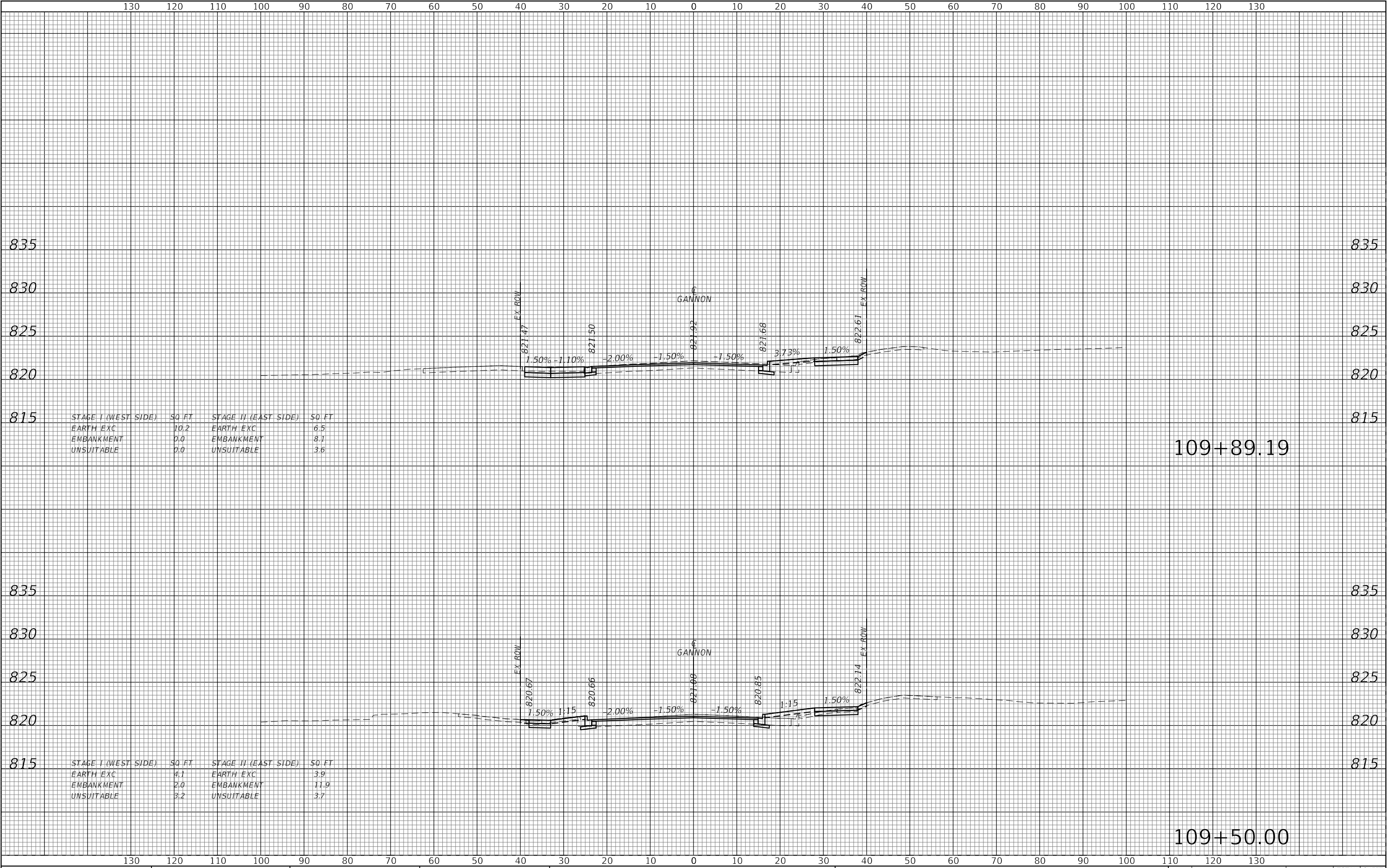
ORIGINAL SURVEY		BY _____	DATE _____
NOTE BOOK			
SURVEYED _____			
PLOTTED _____			
TEMPLATE _____			
AREAS _____			
AREAS CHECKED _____			
NO. _____			



FINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$



TRANSYSTEMS

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

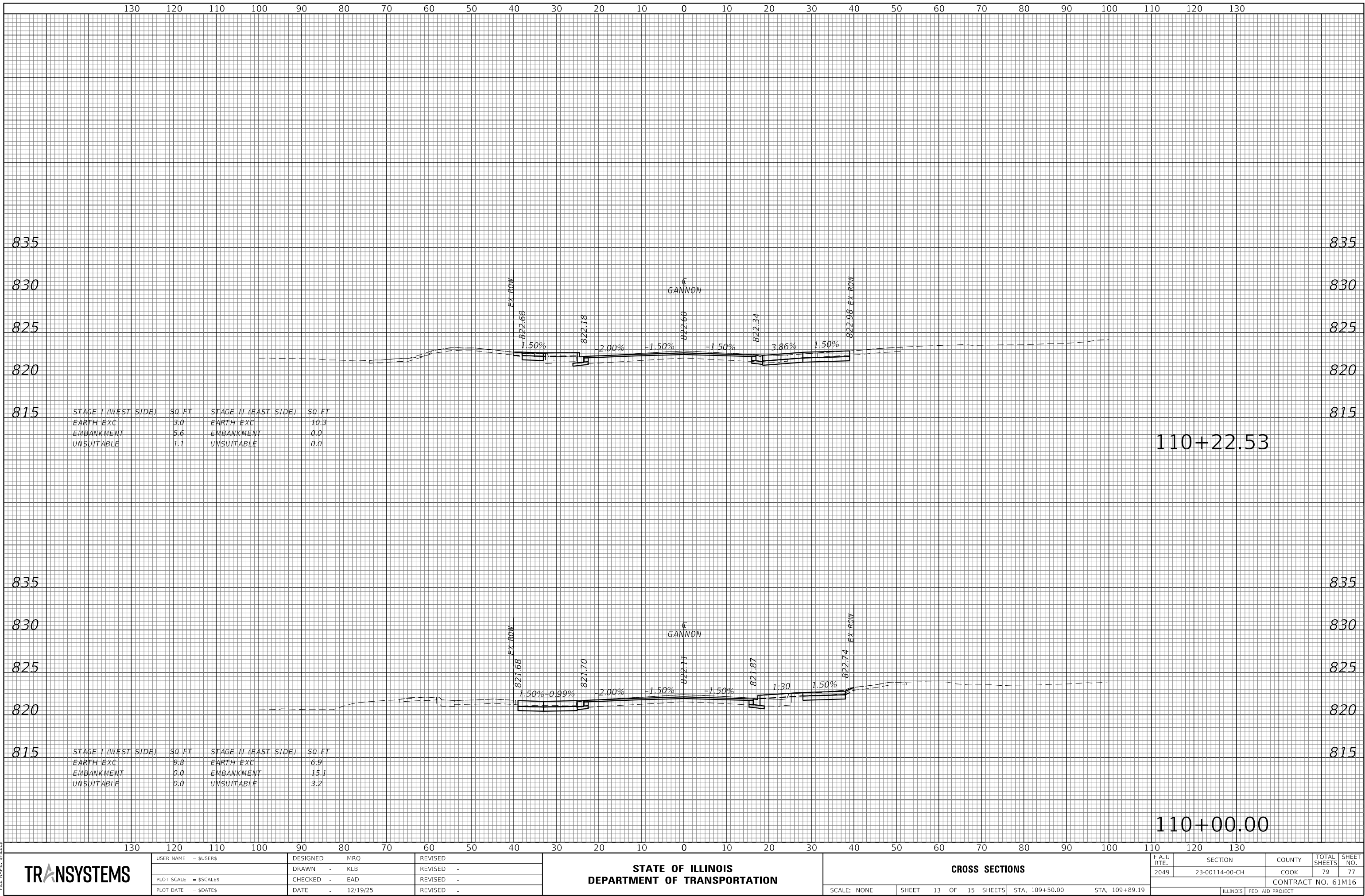
CROSS SECTIONS

SCALE: NONE    SHEET 12 OF 15 SHEETS    STA. 108+50.00    STA. 109+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	76
CONTRACT NO. 61M16				
ILLINOIS FED. AID PROJECT				



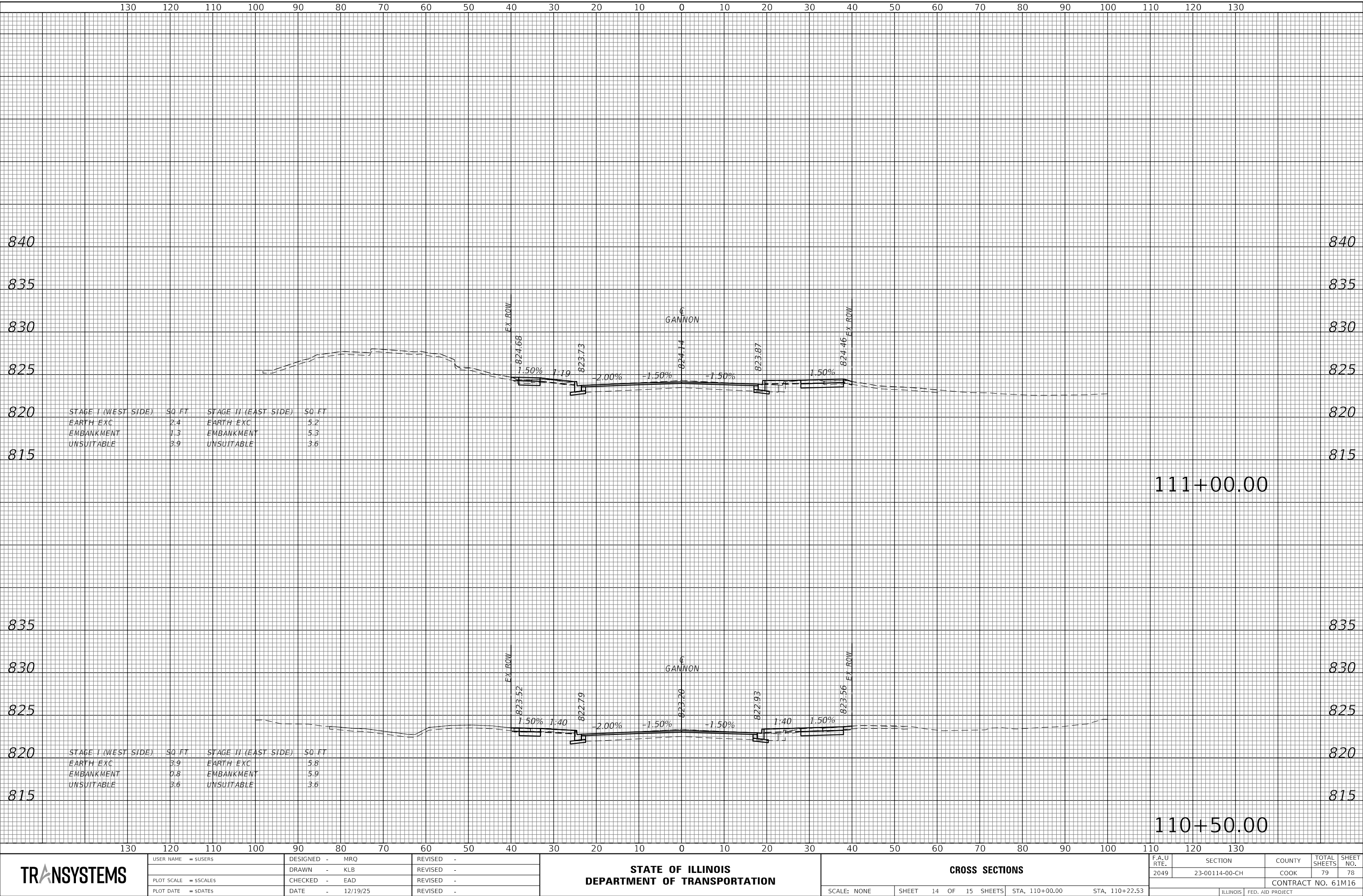
ORIGINAL SURVEY		BY	DATE
NOTED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			



FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

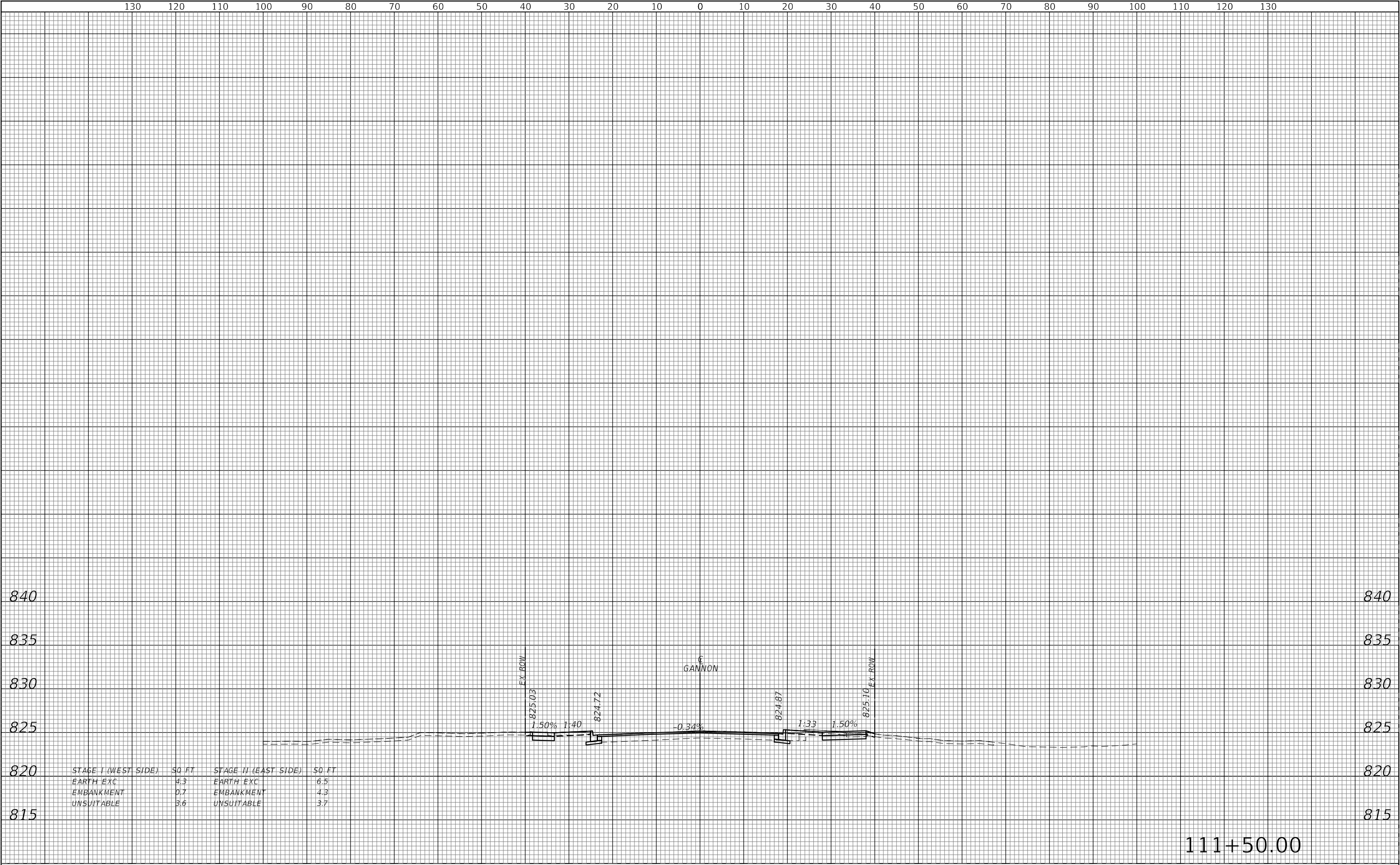
MODEL: SH06LNAME\$  
FILE NAME: \$FILE\$



FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$



STAGE I (WEST SIDE)	50 FT	STAGE II (EAST SIDE)	50 FT
EARTH EXC	4.3	EARTH EXC	6.5
EMBANKMENT	0.7	EMBANKMENT	4.3
UNSUITABLE	3.6	UNSUITABLE	3.7

TRANSYSTEMS

USER NAME = \$USERS	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - EAD	REVISED -
PLOT DATE = \$DATES	DATE - 12/19/25	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: NONE    SHEET 15 OF 15 SHEETS    STA. 110+50.00    STA. 111+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2049	23-00114-00-CH	COOK	79	79
CONTRACT NO. 61M16				
		ILLINOIS	FED. AID PROJECT	