F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	1
	ILLINOIS	CONTRACT NO. 61M33		

11-06-2026 LETTING ITEM 026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PROPOSED
HIGHWAY PLANS

FAU 1308 / HIGHLAND AVENUE
INTERSECTION OF HIGHLAND AVENUE AND LYLE AVENUE
SECTION 24-00209-00-CH
PROJECT U44X(287)
CITY OF ELGIN
KANE COUNTY
C-91-103-25

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE CITY OF ELGIN

TRAFFIC DATA

HIGHLAND AVENUE:
ADT = 6,500 (2023)
ADT = 7,700 (2050)

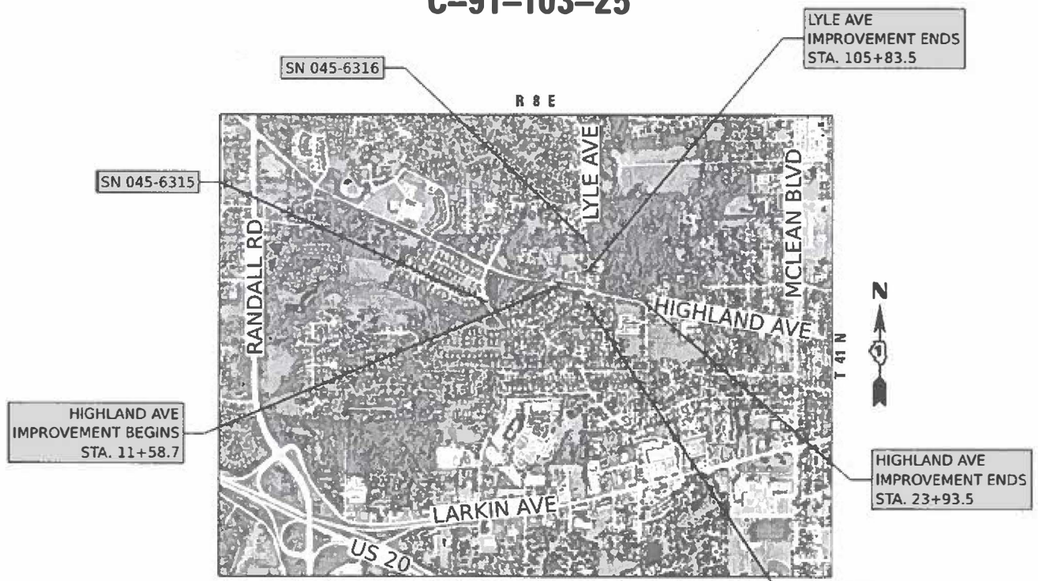
DESIGN CLASSIFICATION = MAJOR COLLECTOR

POSTED SPEED = 30 MPH

LYLE AVENUE:

DESIGN CLASSIFCATION = LOCAL

POSTED SPEED = 30 MPH

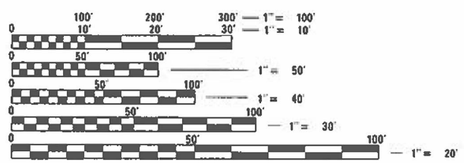


LOCATION MAP
SCALE: 1" = 2000'

HIGHLAND AVENUE LENGTH	=	1234.8 FT. =	0.234 MILE
LYLE AVENUE LENGTH	=	474.5 FT. =	0.090 MILE
NET PROJECT LENGTH	=	1709.3 FT. =	0.324 MILE



LOCATION OF SECTION INDICATED THUS: –



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

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

Call Before You Dig
JULIE ILLINOIS ONE-CALL SYSTEM
800-892-0123

PROJECT MANAGER: KATE KASCH SCHULSTAD, P.E.
PROJECT ENGINEER: KANNON NELMS, P.E.
CONTRACT NO. 61M33

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

LICENSED PROFESSIONAL ENGINEER — KATE KASCH SCHULSTAD — 062.074272 — STATE OF ILLINOIS

Kate Kasch Schulstad

8/12/2026

KATE KASCH SCHULSTAD — DATE
ILLINOIS REGISTERED ENGINEER NO. 062.074272
REGISTRATION EXPIRES NOV. 30, 2027

Hamilton Lenzini and Renwick, Inc.
Civil Engineers · Structural Engineers
Land Surveyors · Environmental Services
1707 N RANDALL ROAD, SUITE 100
ELGIN, ILLINOIS 60123
847 697-6700 www.hlrengineering.com
184.000958
ILLINOIS PROFESSIONAL DESIGN FIRM / SERVICE CORPORATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED August 14 2026

CITY OF ELGIN

PASSED August 28 2026

DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW August 28 2026

REGION 1 ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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	EXISTING EVERGREEN TREE
	EXISTING DECIDUOUS TREE
	EXISTING MANHOLE
	EXISTING CATCH BASIN
	EXISTING INLET
	EXISTING END SECTION
	PROPOSED MANHOLE
	PROPOSED CATCH BASIN
	PROPOSED INLET
	PROPOSED END SECTION
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING SANITARY SEWER
	PROPOSED STORM SEWER
W	EXISTING WATER MAIN
W	PROPOSED WATER MAIN
E	UNDERGROUND ELECTRIC CABLE
G	UNDERGROUND GAS MAIN
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T	TELEPHONE CABLE
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BD08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
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TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC22	ARTERIAL ROAD INFORMATION SIGN
TS03	HANDHOLE TO INTERCEPT EXISTING CONDUIT
BE215	LIGHTING CONTROLLER SINGLE DOOR
BE305	LIGHT POLE FOUNDATION, METAL

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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
INDEX, HIGHWAY STANDARDS, AND DISTRICT ONE STANDARDS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	2
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

ALL WORK SHALL BE IN ACCORDANCE WITH THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED JANUARY 1, 2022 , (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS OR SSRBC); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," ADOPTED JANUARY 1, 2026; "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", EIGHTH EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE MORE STRINGENT OF THE LATEST STANDARD OF THE CITY OF ELGIN, OR THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS AND THE PLANS.

ALL WORK SHALL BE INCLUDED WITHIN THE PROPOSED RIGHT OF WAY (ROW) LIMITS OF THE PROJECT, AS SHOWN. NO EQUIPMENT, MATERIAL, YARD OR FIELD OFFICE SHALL BE SETUP OR STORED ON CITY OR PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE CITY OF ELGIN, THE COUNTY, AND THE STATE IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE CITY OF ELGIN, THE COUNTY, OR THE STATE WITHIN THE DURATION OF THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES, LISTED BELOW, PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IF NECESSARY.

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.

CITY OF ELGIN
PUBLIC WORKS DEPARTMENT
MIKE PUBENTZ
1900 HOLMES ROAD
ELGIN, IL 60123
847-931-5968

KANE COUNTY
DEPT OF TRANSPORTATION
DORIS HOHERTZ
41W001 BURLINGTON ROAD
ST CHARLES, IL 60175
630.406.7309

COMED
DANIELLE PETEET
ONE LINCOLN CENTER
OAKBROOK TERRACE, IL 60181
630.437.2159

AT&T DISTRIBUTION
RICHARD KOPEC
1000 COMMERCE DRIVE
OAKBROOK, IL 60523
630.632.3148

NICOR
KAREY JOHNSON
1844 FERRY RD
NAPERVILLE, IL 60563
224.471.9356

MCI/VERIZON
MARTHA GIERAS
688 INDUSTRIAL DRIVE
ELMHURST, IL 60126
224.229.5862

ASTOUND
WILLIAM NG
2640 W BRADLEY PLACE
CHICAGO, IL 60618
312.955.3356

SEWERS AND WATER MAINS

INLET FILTERS OR AN ENGINEER APPROVED EQUAL SHALL BE USED ON ALL EXISTING DRAINAGE STRUCTURES, OR AS REQUIRED BY THE ENGINEER. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES 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.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN IN AN OPERATING CONDITION TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY EXISTING DRAINAGE FACILITIES.

PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER.

ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY OF THE CITY OF ELGIN, THE COUNTY, OR THE STATE, AS APPLICABLE.

ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED, AS PART OF THIS CONTRACT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: FOR STORM SEWER STRUCTURES "STORM", FOR SANITARY SEWER STRUCTURES "SANITARY", FOR WATER SYSTEM STRUCTURES "WATER".

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED.

ANY FARM DRAIN, FIELD TILE SYSTEM OR OTHER UNDERGROUND TILE FACILITY ENCOUNTERED IN THIS WORK SHALL BE LOCATED AND STAKED AND REPORTED TO THE ENGINEER.

BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800)-892-0123 OR AT 811.

BACKFILL

STORM SEWER, WATER MAIN, AND SANITARY SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07 OF THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION METHOD 1 ONLY, OR AS DIRECTED BY THE ENGINEER. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.

ALL TRENCH BACKFILL QUANTITIES FOR STORM AND SANITARY SEWER AND WATER MAIN HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE.

STAKING

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED, CURB AND GUTTER LOCATIONS SHOWN AT POINTS OF CURVE, ETC., ARE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.

STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO BE THE FOLLOWING POINTS: A) FOR STRUCTURES FALLING IN THE CURB LINE TO THE EDGE OF PAVEMENT; B) FOR ALL OTHER STRUCTURES TO THE CENTER OF THE STRUCTURE.

ALL ELEVATIONS ARE ON NAD 83 (2011) ILLINOIS EAST STATE PLANE COORDINATES. NAVD 88 VERTICAL DATUM GEOID 18

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE CENTERLINE OR BASELINE AS SHOWN ON THE PLANS.

COMMITMENTS

TEMPORARY TRAFFIC SIGNAL TIMINGS WILL BE IMPLEMENTED DURING CONSTRUCTION ALONG IDOT AND KDOT ROUTES.

KANE COUNTY REQUIRES A CERTIFICATE OF INSURANCE FROM THE TC&P CONTRACTOR WHO WILL BE INSTALLING SIGNAGE ALONG RANDALL ROAD RIGHT-OF-WAY.

MISCELLANEOUS

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING AREAS.

THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS, AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT EXCEPT AS DETAILED IN THE DETOUR PLAN.

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

WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

ALL DISTURBED AREAS WITHIN THE PROJECT THAT ARE NOT OTHERWISE PAVED SHALL BE SEEDED. SEED LIMITS SHOWN ON THE PLANS ARE THE MAXIMUM PAY WIDTHS FOR PAYMENT PURPOSES.

EARTH EXCAVATION SHALL CONSIST OF THE EXCAVATION AND TRANSPORTATION OF ALL EARTH, AND TOPSOIL AS SHOWN ON THE CROSS SECTIONS THROUGHOUT THE LIMITS OF THE CONTRACT. ANY OF THE EXCAVATION MATERIALS THAT ARE UNSUITABLE FOR EMBANKMENT UNDER THE PAVEMENT SHALL BE USED AT OTHER LOCATIONS ON THE PROJECT OR DISPOSED OF AT LOCATIONS PROVIDED BY THE CONTRACTOR.

THE CONTRACTOR SHALL PREPARE THE SUBGRADE IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS PRIOR TO THE REMOVAL OF ANY UNSUITABLE MATERIALS.

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

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE WOVEN.

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

THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER SHALL BE CS 1 OR RR 1.

FERTILIZER NUTRIENTS:
USE A FERTILIZER WITH AN ANALYSIS OF 1:1 RATIO AT THE FOLLOWING RATE PER ACRE:

NITROGEN FERTILIZER NUTRIENT 90 LBS.
POTASSIUM FERTILZIER NUTRIENT 90 LBS

PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING CREEK. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0)

THE CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN WORKING NEAR EXISTING TREES AND SHRUBS TO AVOID DAMAGING THOSE NOT SCHEDULED FOR REMOVAL AND SHALL REPLACE IN-KIND ANY DAMAGED PLANTS AT THEIR OWN EXPENSE.

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

CITY FIRE HYDRANTS MAY ONLY BE USED ONLY WITH THE USE OF A WATER METER UPON EXECUTING A WATER METER AGREEMENT AND PAYMENT OF APPLICABLE DEPOSIT WITH THE CITY OF ELGIN.

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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	3
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STU (80%/20%) CONSTRUCTION 0004
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	24	24
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	56	56
*	20101100	TREE TRUNK PROTECTION	EACH	23	23
	20200100	EARTH EXCAVATION	CU YD	1,151	1,151
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	334	334
	20800150	TRENCH BACKFILL	CU YD	55	55
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,003	1,003
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	899	899
*	25000210	SEEDING, CLASS 2A	ACRE	1	1
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	79	79
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	79	79
*	25100645	WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	4,239	4,239
*	25200200	SUPPLEMENTAL WATERING	UNIT	0.3	0.3
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	88	88
	28000400	PERIMETER EROSION BARRIER	FOOT	2,630	2,630
	28000510	INLET FILTERS	EACH	16	16
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	334	334

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	4
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STU (80%/20%) CONSTRUCTION 0004
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	4,724	4,724
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,003	1,003
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	387	387
	35501304	HOT-MIX ASPHALT BASE COURSE, 5"	SQ YD	4,010	4,010
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	155	155
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	902	902
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,804	1,804
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	1,426	1,426
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	561	561
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	337	337
	42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	208	208
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	321	321
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	7,584	7,584
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	597	597
	42400800	DETECTABLE WARNINGS	SQ FT	200	200
	44000100	PAVEMENT REMOVAL	SQ YD	4,344	4,344
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	277	277

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HIGHLAND AVE AT LYLE AVE ROUNDABOUT
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	5
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STU (80%/20%) CONSTRUCTION 0004
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,201	1,201
	44000600	SIDEWALK REMOVAL	SQ FT	1,715	1,715
	48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	425	425
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	112	112
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	20	20
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	12	12
	55100400	STORM SEWER REMOVAL 10"	FOOT	21	21
	55100500	STORM SEWER REMOVAL 12"	FOOT	21	21
	56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	1	1
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	157	157
	60108212	PIPE UNDERDRAINS, TYPE 2, 12"	FOOT	322	322
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1
	60500040	REMOVING MANHOLES	EACH	1	1
	60500060	REMOVING INLETS	EACH	2	2
	60600605	CONCRETE CURB, TYPE B	FOOT	179	179
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,743	1,743

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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	6
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STU (80%/20%) CONSTRUCTION 0004
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	14	14
	60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	170	170
	60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	1,445	1,445
	67100100	MOBILIZATION	L SUM	1	1
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	30	30
*	72000100	SIGN PANEL - TYPE 1	SQ FT	135	135
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	11	11
	72400205	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	94	94
	72400735	REMOVE AND RELOCATE SIGN PANEL - TYPE 1	SQ FT	3	3
*	72900100	METAL POST - TYPE A	FOOT	216	216
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	232	232
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4,511	4,511
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	12	12
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	422	422
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	7
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STU (80%/20%) CONSTRUCTION 0004
*	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	504	504
*	81400100	HANDHOLE	EACH	1	1
*	81603045	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	1,550	1,550
*	81603083	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	119	119
*	82110005	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	15	15
*	82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1	1
*	83000190	LIGHT POLE, ALUMINUM, 25 FT. M.H., 6 FT. DAVIT ARM	EACH	15	15
*	83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	15	15
*	83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	15	15
*	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	1	1
	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	500	500
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	Z0056668	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	243	243
	Z0070150	REMOVE AND RELOCATE EXISTING MONUMENT	EACH	1	1
*	A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
*	A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1
*	B2001116	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	1	1

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STU (80%/20%) CONSTRUCTION 0004
*	K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1
	X0326806	WASHOUT BASIN	L SUM	1	1
	X0327301	RELOCATE EXISTING MAILBOX	EACH	6	6
	X1700112	BRICK PAVER REMOVAL	SQ FT	26	26
	X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	10	10
	X4421788	CLASS D PATCHES, TYPE I, 12 INCH (SPECIAL)	SQ YD	3	3
	X5610001	CLEANOUTS	EACH	1	1
	X6022805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (SPECIAL)	EACH	13	13
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	6	6
	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	4	4
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
*	X7810301	RECESSED REFLECTIVE PAVEMENT MARKER (HMA)	EACH	48	48
*	X8510252	PAINTING LIGHT POLE UNIT	EACH	15	15
*	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	2
*	X8900106	TEMPORARY TRAFFIC SIGNAL TIMING (SPECIAL)	EACH	5	5

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HIGHLAND AVE AT LYLE AVE ROUNDABOUT
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	9
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

EXISTING LEGEND

- (A) EXISTING HMA PAVEMENT 3"-6"
- (B) EXISTING SUBGRADE 3"-12"
- (C) EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.12
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING SIDEWALK
- (F) EXISTING TURF PARKWAY
- (G) EXISTING LANDSCAPED MEDIAN

- PAVEMENT REMOVAL
- CC&G, SIDEWALK REMOVAL
- EARTH EXCAVATION

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/2"
- (3) HOT-MIIX ASPHALT BASE COURSE, 5"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (6) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (7) AGGREGATE BASE COURSE, TYPE B, 4"
- (8) CONCRETE MEDIAN SURFACE, 6 INCH
- (9) TOPSOIL EXCAVATION AND PLACEMENT, 4"
  SEEDING CLASS 2A
- (10) PCC PAVEMENT, 8"
- (11) AGGREGATE SHOULDER, 8"
- (12) COMBINATION CURB & GUTTER, TYPE M-4.24

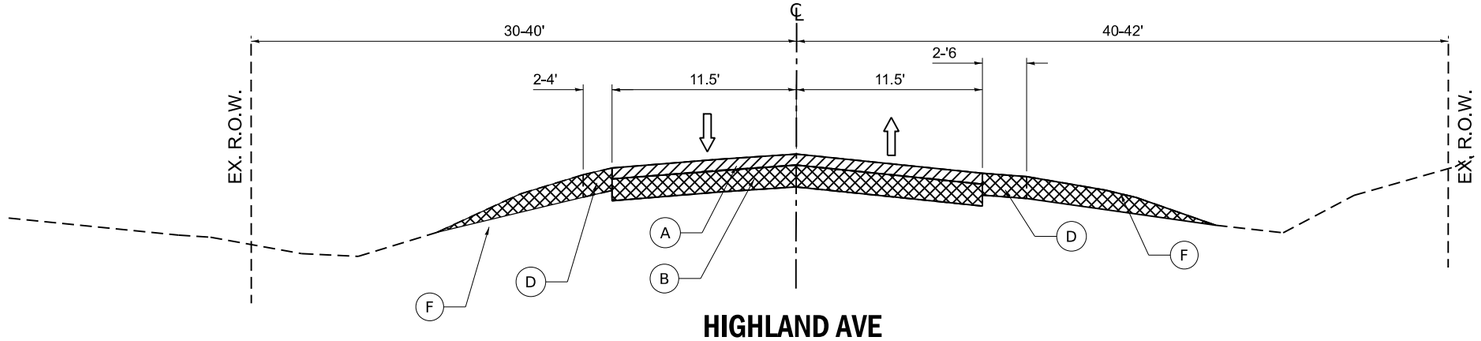
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

USE	MIXTURE TYPE	AIR VOIDS	QMP
MAINLINE RECONSTRUCTION	HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 1-1/2"	4% @ 50 GYR.	LR 1030-2
	HMA BINDER COURSE, IL-19.0, N50, 2-1/2"	4% @ 50 GYR.	LR 1030-2
	HMA BASE COURSE (HMA BINDER IL-19.0), 5"	4% @ 50 GYR.	LR 1030-2
CLASS D PATCHES (SPECIAL), 12"	HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 1-1/2"	4% @ 50 GYR.	LR 1030-2
	HMA BINDER COURSE, IL-19.0, N50, 2-1/2"	4% @ 50 GYR.	LR 1030-2
	HMA BASE COURSE (HMA BINDER IL-19.0), 8"	4% @ 50 GYR.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2			

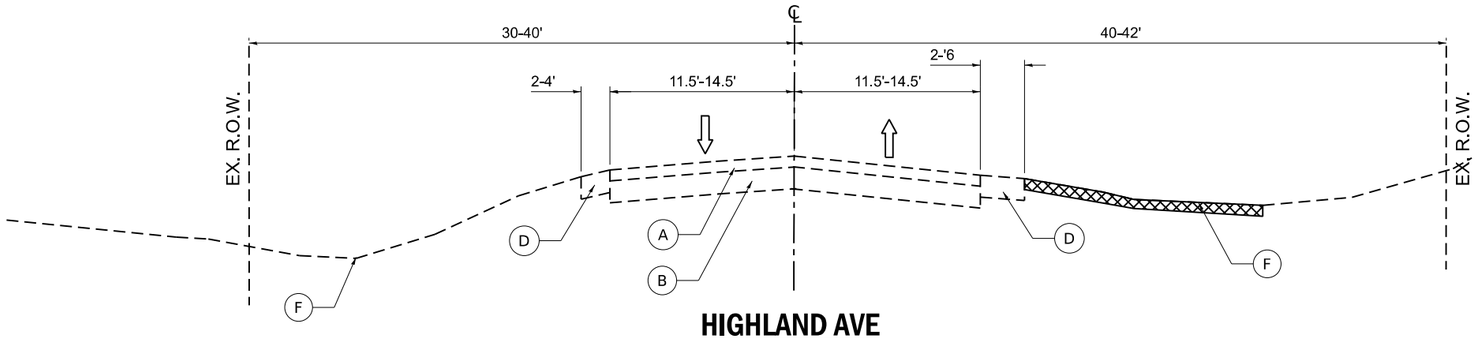
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE AC TYPE SHALL BE "PG 64-22", UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED BEFORE AND AFTER THE HMA BC IL-19.0 N50 2.5" TOP LIFT.



HIGHLAND AVE
EXISTING ROADWAY SECTION
LOOKING EAST
STA 11+58 TO 18+85



HIGHLAND AVE
EXISTING ROADWAY SECTION
LOOKING EAST
STA 18+85 TO 23+95

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	10
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

EXISTING LEGEND

- (A) EXISTING HMA PAVEMENT 3"-6"
- (B) EXISTING SUBGRADE 3"-12"
- (C) EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.12
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING SIDEWALK
- (F) EXISTING TURF PARKWAY
- (G) EXISTING LANDSCAPED MEDIAN

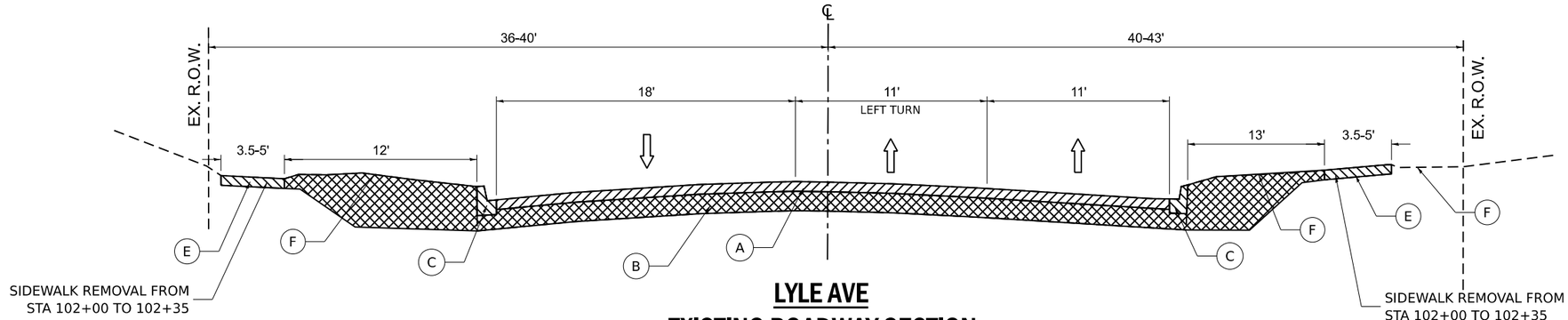
PAVEMENT REMOVAL

CC&G, SIDEWALK REMOVAL

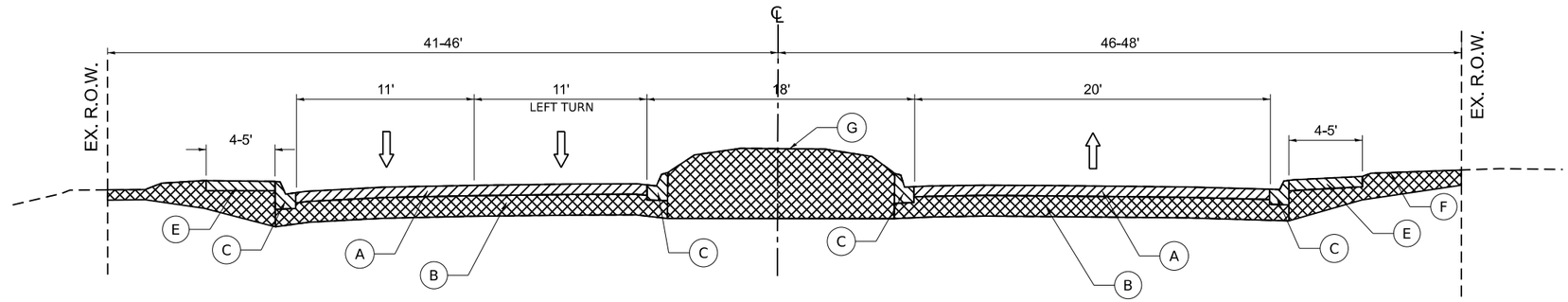
EARTH EXCAVATION

PROPOSED LEGEND

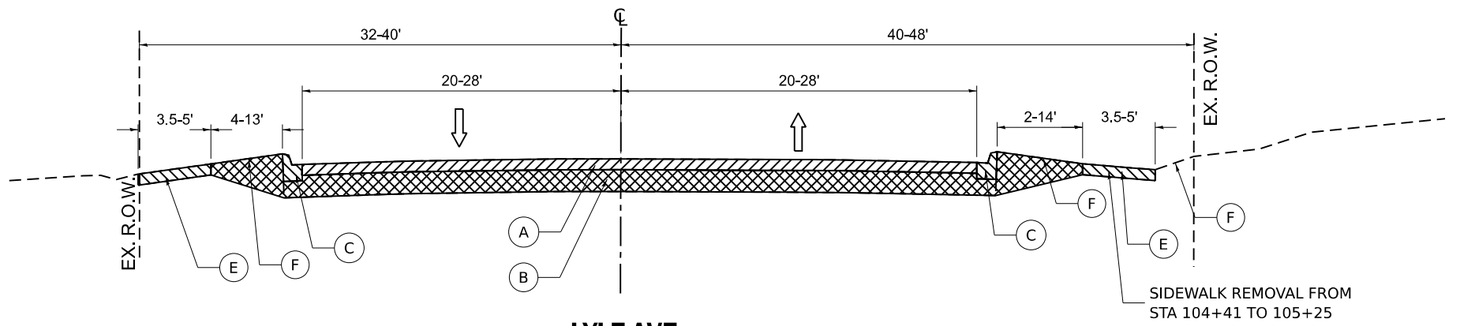
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2. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/2"
3. HOT-MIIX ASPHALT BASE COURSE, 5"
4. AGGREGATE SUBGRADE IMPROVEMENT, 12"
5. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
6. PORTLAND CEMENT CONCRETE SIDEWALK, 5"
7. AGGREGATE BASE COURSE, TYPE B, 4"
8. CONCRETE MEDIAN SURFACE, 6 INCH
9. TOPSOIL EXCAVATION AND PLACEMENT, 4" SEEDING CLASS 2A
10. PCC PAVEMENT, 8"
11. AGGREGATE SHOULDER, 8"
12. COMBINATION CURB & GUTTER, TYPE M-4.24



LYLE AVE
EXISTING ROADWAY SECTION
LOOKING NORTH
STA 101+09 TO 102+35



LYLE AVE
EXISTING ROADWAY SECTION
LOOKING NORTH
STA 103+21 TO 104+41



LYLE AVE
EXISTING ROADWAY SECTION
LOOKING NORTH
STA 104+41 TO 105+83

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

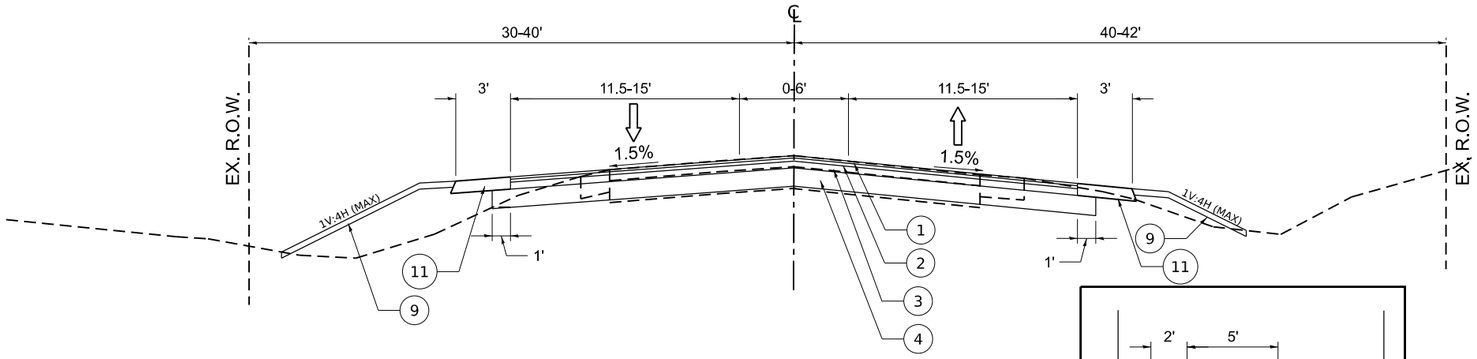
EXISTING LEGEND

- (A) EXISTING HMA PAVEMENT 3"-6"
- (B) EXISTING SUBGRADE 3"-12"
- (C) EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.12
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING SIDEWALK
- (F) EXISTING TURF PARKWAY
- (G) EXISTING LANDSCAPED MEDIAN

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/2"
- (3) HOT-MIIX ASPHALT BASE COURSE, 5"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
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- (12) COMBINATION CURB & GUTTER, TYPE M-4.24

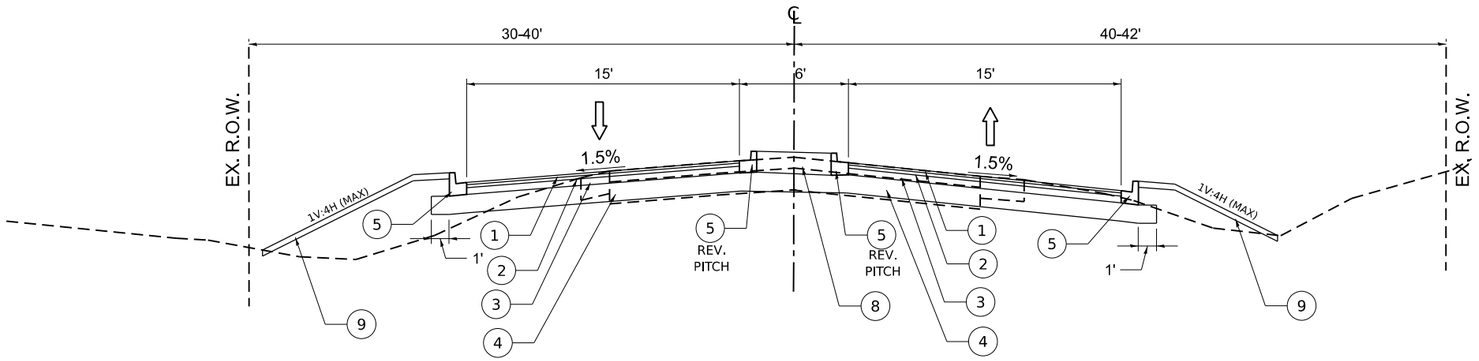
INTERSECTION SECTION FROM 14+83 TO 15+73



HIGHLAND AVE
PROPOSED ROADWAY SECTION
LOOKING EAST

STA 11+58 TO 14+23 &
STA 16+63 TO 18+85

STA. 16+83 TO 18+85



HIGHLAND AVE
PROPOSED ROADWAY SECTION
LOOKING EAST

STA 14+23 TO 14+83 &
STA 15+73 TO 16+33

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	12
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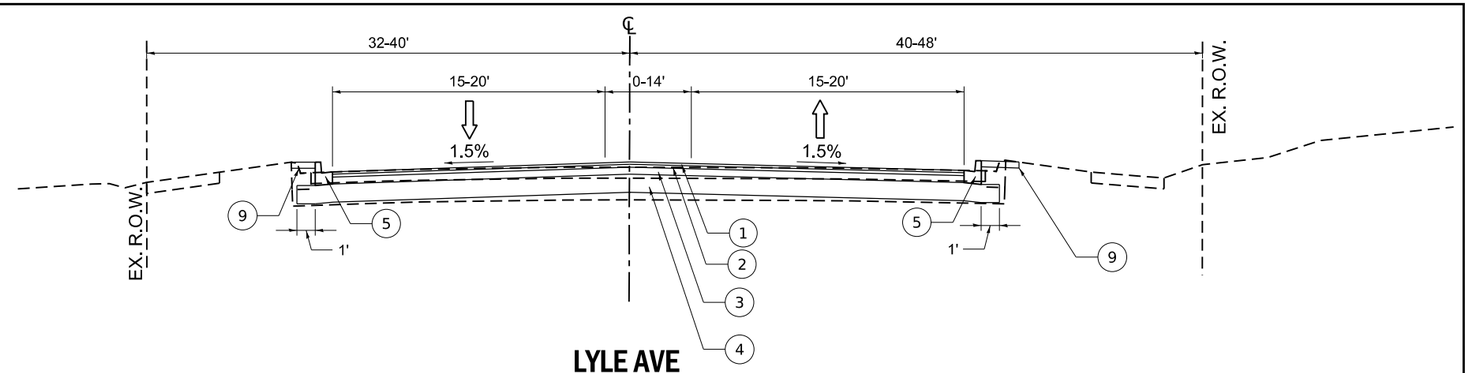
EXISTING LEGEND

- (A) EXISTING HMA PAVEMENT 3"-6"
- (B) EXISTING SUBGRADE 3"-12"
- (C) EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.12
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING SIDEWALK
- (F) EXISTING TURF PARKWAY
- (G) EXISTING LANDSCAPED MEDIAN

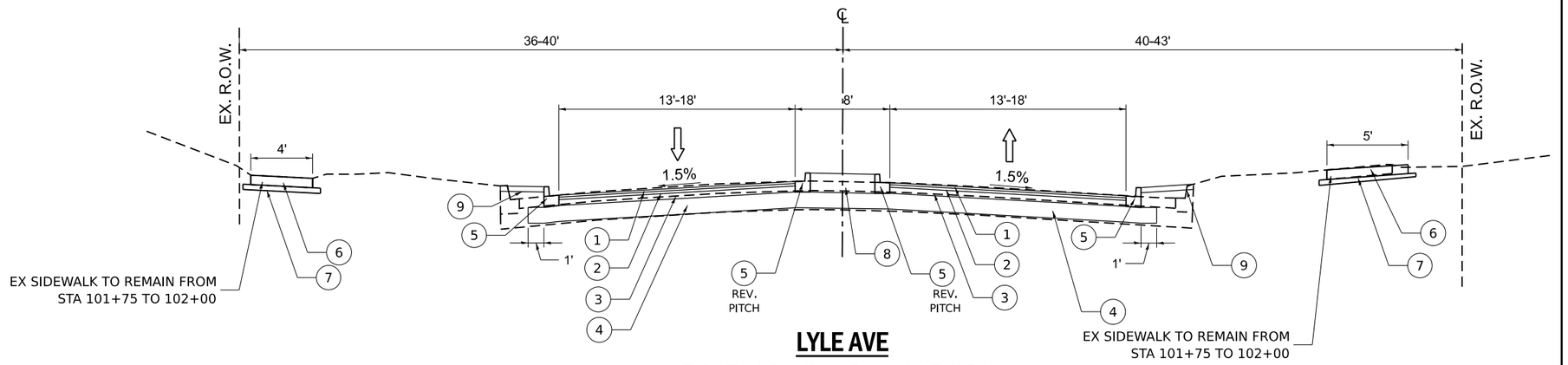
PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/2"
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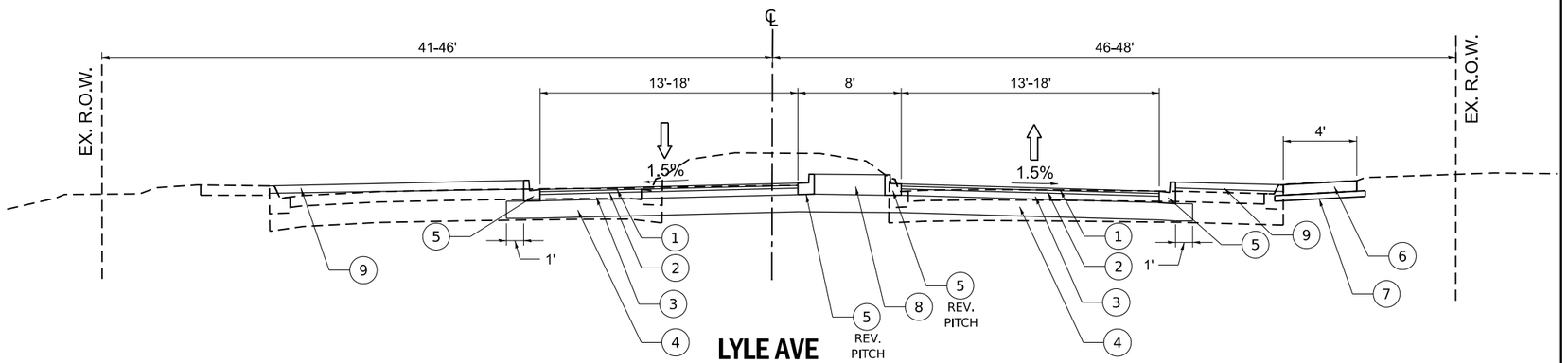
INTERSECTION SECTION FROM 102+35 TO 103+25



LYLE AVE
PROPOSED ROADWAY SECTION
LOOKING NORTH
STA 101+09 TO 101+75



LYLE AVE
PROPOSED ROADWAY SECTION
LOOKING NORTH
STA 101+75 TO 102+35



LYLE AVE
PROPOSED ROADWAY SECTION
LOOKING NORTH
STA 103+25 TO 104+24

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
TYPICAL SECTIONS

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1308	24-00209-00-CH	KANE	96	13
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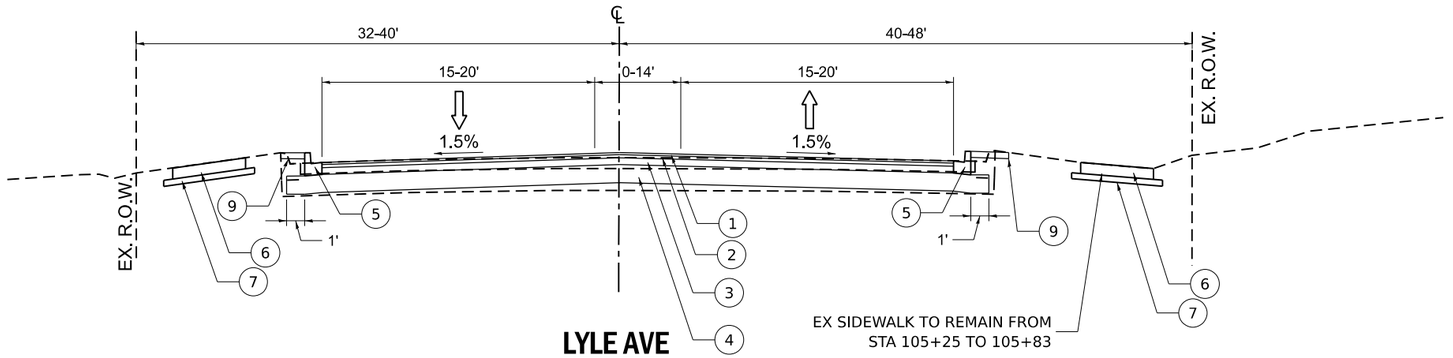
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FILE NAME: P:\2024\240683\Cad\02 Design\CADD Sheets\240683-sht-typical.dgn

EXISTING LEGEND

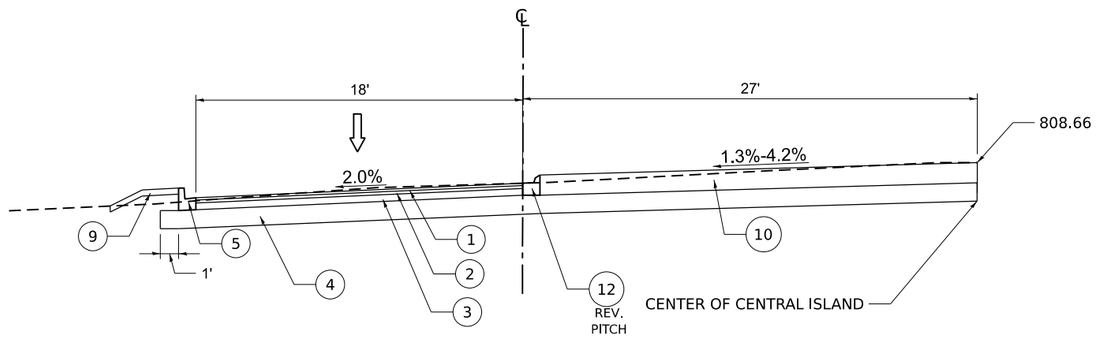
- (A) EXISTING HMA PAVEMENT 3"-6"
- (B) EXISTING SUBGRADE 3"-12"
- (C) EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.12
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING SIDEWALK
- (F) EXISTING TURF PARKWAY
- (G) EXISTING LANDSCAPED MEDIAN

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/2"
- (3) HOT-MIIX ASPHALT BASE COURSE, 5"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (6) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (7) AGGREGATE BASE COURSE, TYPE B, 4"
- (8) CONCRETE MEDIAN SURFACE, 6 INCH
- (9) TOPSOIL EXCAVATION AND PLACEMENT, 4" SEEDING CLASS 2A
- (10) PCC PAVEMENT, 8"
- (11) AGGREGATE SHOULDER, 8"
- (12) COMBINATION CURB & GUTTER, TYPE M-4.24



LYLE AVE
PROPOSED ROADWAY SECTION
LOOKING NORTH
STA 104+24 TO 105+83



HIGHLAND AVE AT LYLE AVE: ROUNDABOUT
PROPOSED ROADWAY SECTION
LOOKING CLOCKWISE
STA 0+00 TO 1+69

MODEL: Default
FILE NAME: P:\2024\240683\Cadd\02 Design\CADD_Sheets\240683-sht-typical4.dgn

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.1667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	14
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

HIGHLAND AVE - EARTHWORK

	AVERAGE END AREA		VOLUME		
	EARTH EXCAVATION	EMBANKMENT	EARTH EXCAVATION (A)	EMBANKMENT (B)	DIFFERENCE (I) I=0.85(A)-B
STATION	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)
11+58	12.9	1.3			
			7.7	1.8	4.8
11+75	11.7	4.5			
			10.6	4.2	4.8
12+00	11.2	4.6			
			9.7	4.7	3.5
12+25	9.7	5.6			
			10.5	3.2	5.7
12+50	12.9	1.3			
			16.7	1.1	13.1
12+75	23.1	1.0			
			27.8	0.9	22.7
13+00	36.9	0.9			
			30.4	0.6	25.2
13+25	28.7	0.4			
			24.9	0.3	20.8
13+50	25.1	0.4			
			23.9	0.3	20.0
13+75	26.6	0.3			
			25.2	0.6	20.8
14+00	27.8	1.0			
			25.2	1.9	19.5
14+25	26.6	3.2			
			25.6	2.5	19.2
14+50	28.6	2.3			
			31.7	1.2	25.7
14+75	39.8	0.3			
15+75	72.8	0.3			
			49.3	1.5	40.4
16+00	33.7	2.9			
			27.5	6.1	17.3
16+25	25.6	10.2			
			23.5	6.3	13.7
16+50	25.1	3.4			
			21.4	4.9	13.3
16+75	21.2	7.2			
			19.4	6.3	10.2
17+00	20.8	6.4			
			19.3	7.1	9.2
17+25	20.9	9.0			
			18.8	7.9	8.1
17+50	19.8	8.0			
			17.0	8.4	6.0
17+75	17.0	10.2			
			14.1	9.7	2.3
18+00	13.4	10.7			
			11.2	11.0	-1.5
18+25	10.9	13.2			
			9.5	12.3	-4.2
18+50	9.7	13.5			
			8.7	12.6	-5.2
18+75	9.1	13.7			
			8.4	6.3	0.8
19+00	9.1	0.0			
			8.5	0.0	7.2
19+25	9.2	0.0			
			8.5	0.0	7.2
19+50	9.1	0.0			
			8.4	0.0	7.1
19+75	9.0	0.0			
			8.5	0.0	7.2
20+00	9.3	0.0			
			8.0	0.0	6.8
20+25	8.0	0.0			
			7.5	0.0	6.3
20+50	8.1	0.0			
			7.2	0.0	6.1
20+75	7.5	0.0			
			5.9	0.0	5.0
21+00	5.2	0.0			
			3.4	0.0	2.9
21+25	2.2	0.0			
			2.1	0.0	1.7
21+50	2.2	0.0			
			3.3	0.0	2.8
21+75	4.9	0.1			
			4.6	0.1	3.9
22+00	5.2	0.1			
			4.7	0.1	3.9
22+25	5.1	0.2			
			5.2	0.1	4.3
22+50	6.1	0.0			
			5.7	0.0	4.9

HIGHLAND AVE - EARTHWORK

	AVERAGE END AREA		VOLUME		
	EARTH EXCAVATION	EMBANKMENT	EARTH EXCAVATION (A)	EMBANKMENT (B)	DIFFERENCE (I) I=0.85(A)-B
STATION	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)
22+75	6.3	0.0			
			4.6	0.4	3.5
23+00	3.6	0.8			
			3.3	0.4	2.4
23+25	3.6	0.1			
			4.9	0.0	4.1
23+50	6.9	0.0			
			4.3	0.0	3.6
23+75	2.3	0.0			
			0.8	0.0	0.7
23+94	0.0	0.0			

LYLE AVE - EARTHWORK

	AVERAGE END AREA		VOLUME		
	EARTH EXCAVATION	EMBANKMENT	EARTH EXCAVATION (A)	EMBANKMENT (B)	DIFFERENCE (I) I=0.85(A)-B
STATION	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)
101+09	29.3	0.2			
			18.7	0.0	15.8
101+25	33.7	0.0			
			23.8	0.0	20.2
101+50	17.6	0.0			
			23.4	0.0	19.8
101+75	32.8	0.0			
			30.8	0.2	26.0
102+00	33.7	0.4			
			33.7	0.3	28.3
102+25	39.0	0.3			
103+25	6.7	4.8			
			12.0	4.2	6.0
103+50	19.2	4.2			
			21.5	2.3	16.0
103+75	27.4	0.7			
			25.8	0.5	21.5
104+00	28.4	0.3			
			33.5	0.2	28.3
104+25	43.9	0.1			
			47.3	0.0	40.2
104+50	58.3	0.0			
			54.5	0.0	46.3
104+75	59.5	0.0			
			51.5	0.0	43.7
105+00	51.6	0.0			
			33.3	0.2	28.1
105+25	20.3	0.4			
			18.4	0.4	15.3
105+50	19.5	0.4			
			17.6	0.2	14.8
105+75	18.5	0.0			
			5.5	0.0	4.7
105+84	14.5	0.0			

ROUNDABOUT - EARTHWORK

	AVERAGE END AREA		VOLUME		
	EARTH EXCAVATION	EMBANKMENT	EARTH EXCAVATION (A)	EMBANKMENT (B)	DIFFERENCE (I) I=0.85(A)-B
STATION	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)
0+00	10.3	5.8			
			3.5	1.9	1.0
0+18	0.2	0.0			
			4.9	0.0	4.2
0+36	14.6	0.0			
			7.7	1.4	5.2
0+54	8.6	4.1			
			8.6	1.6	5.7
0+72	17.1	0.6			
			8.3	0.2	6.9
0+90	7.9	0.0			
			4.5	0.0	3.8
1+08	5.5	0.0			
			10.9	0.0	9.3
1+26	27.4	0.1			
			14.1	0.0	11.9
1+44	15.0	0.0			
			7.5	0.8	5.5
1+62	7.4	2.5			
			2.3	1.1	0.9
1+69	10.3	5.8			

EARTHWORK SUMMARY

LOCATION	EARTH EXCAVATION (CU YD)	EXCAVATION AVAILABLE FOR EMBANKMENT ADJUSTED FOR SHRINKAGE 15% (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (EST. 25% OF PAVEMENT AREA) (EST. 1' DEPTH) (CU YD)	AGGREGATE SUBGRADE IMPROVEMENT (CU YD)	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (EST. 25% OF PAVEMENT AREA) (SQ YD)	TOPSOIL STRIP (6 IN) (CU YD)
HIGHLAND AVENUE	627	533	125	408	173	173	519	743
LYLE AVENUE	451	383	8	375	124	124	371	156
ROUNDABOUT	72	61	7	54	38	38	113	0
PROJECT TOTAL	1151	978	141	838	334	334	1003	899

AN ESTIMATED 141 CY OF EMBANKMENT IS REQUIRED ON SITE, REMAINDER IS TO BE HAULED OFF
AN ESTIMATED 471 CY OF TOPSOIL IS REQUIRED ON SITE, REMAINDER IS TO BE HAULED OFF

* PLAN QUANTITY BASED ON PAVEMENT REMOVAL OF THE FOLLOWING DEPTHS :
HIGHLAND AVENUE HMA: 6 IN
HIGHLAND AVENUE SUBBASE: 10 IN
LYLE AVENUE HMA: 6 IN
LYLE AVENUE SUBBASE: 10 IN
THESE QUANTITIES ARE NOT INCLUDED IN THE EARTHWORK BALANCE.

30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"
35101600	AGGREGATE BASE COURSE, TYPE B 4"
35501304	HOT-MIX ASPHALT BASE COURSE, 5"
40600275	BITUMINOUS MATERIALS (PRIME COAT)
40600290	BITUMINOUS MATERIALS (TACK COAT)
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"
60618320	CONCRETE MEDIAN SURFACE, 6 INCH

				30300112	35501304	40600275	40600290	40603080	40604060	42000300	35101600
STATION BEGIN	STATION END	LENGTH (FOOT)	HMA AREA (SQ FT)	AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD)	HOT-MIX ASPHALT BASE COURSE, 5" (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (TON)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (TON)	PORTLAND CEMENT CONCRETE PAVEMENT 8" (SQ YD)	AGGREGATE BASE COURSE, TYPE B 4" (SQ YD)
011+58	012+50	92	2189	243	243	55	109	34.0	20		
012+50	014+83	233	7344	816	816	184	367	114.2	69		34
015+73	018+50	277	8326	925	925	208	416	129.5	78		34
018+50	018+85	35	810	90	90	20	41	12.6	8		
101+09	102+35	126	4271	475	475	107	214	66.4	40		34
103+25	105+84	259	9079	1009	1009	227	454	141.2	85		59
000+00	001+69	169	4072	452	452	102	204	63.3	38	208	
			TOTALS	4010	4010	902	1804	561	337	208	161

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FILE NAME: P:\2024\240683\Cad\02 Design\CADD Sheets\240683-sht-schedule.dgn

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**HIGHLAND AVE AT LYLE AVE ROUNDABOUT SCHEDULE OF QUANTITIES**	
	DRAWN - KRN	REVISED -			
PLOT SCALE = 0.1667 ' / in.	CHECKED - KKS	REVISED -			
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	15
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"
X4421788	CLASS D PATCHES, TYPE I, 12 INCH (SPECIAL)
48101600	AGGREGATE SHOULDERS, TYPE B 8"
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24

STATION BEGIN	STATION END	30300112 AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD)	X4421788 CLASS D PATCHES, TYPE I, 12 INCH (SPECIAL) (SQ YD)	48101600 AGGREGATE SHOULDERS, TYPE B 8" (SQ YD)	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FOOT)	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (FOOT)	60608582 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (FOOT)
011+59	014+23	66.8		200.4			
014+23	015+00	77.5			270.0		
015+50	016+33	82.4			287.0		
016+33	018+85	74.7		224.1			
023+90	023+95	4.8	3.2			13.9	
101+09	102+50	108.5			378.0		
103+00	105+84	217.4			757.4		
000+00	001+69	82.2			51.0		169.6
TOTALS		714.2	3.2	424.5	1743.4	13.9	169.6

35101800	AGGREGATE BASE COURSE, TYPE B 6"
40201000	AGGREGATE FOR TEMPORARY ACCESS
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
44000200	DRIVEWAY PAVEMENT REMOVAL
60600605	CONCRETE CURB, TYPE B

STATION	OFFSET	35101800 AGGREGATE BASE COURSE, TYPE B 6" (SQ YD)	40201000 AGGREGATE FOR TEMPORARY ACCESS (TON)	42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	44000200 DRIVEWAY PAVEMENT REMOVAL (SQ YD)	60600605 CONCRETE CURB, TYPE B (FOOT)
013+04	LT	123.3	55.5	123.3	119.3	56.0
021+36	RT		5.4		12.0	
101+64	LT	30.1	13.5	30.1	23.4	
101+68	RT	36.0	16.2	36.0	26.0	
103+61	RT		3.6		7.9	
103+85	RT	30.1	13.6	30.1	22.0	
104+13	RT		1.4		3.0	
104+58	RT	19.6	8.8	19.6	12.4	
104+77	LT	65.4	29.4	65.4	37.1	58.6
105+09	RT	16.1	7.2	16.1	14.1	
TOTALS		320.6	154.6	320.6	277.2	114.6

35101600	AGGREGATE BASE COURSE, TYPE B 4"
35101800	AGGREGATE BASE COURSE, TYPE B 6"
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
42400800	DETECTABLE WARNINGS
60600605	CONCRETE CURB, TYPE B

STATION BEGIN	STATION END	OFFSET	35101600 AGGREGATE BASE COURSE, TYPE B 4" (SQ YD)	35101800 AGGREGATE BASE COURSE, TYPE B 6" (SQ YD)	42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	42400300 PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (SQ FT)	42400800 DETECTABLE WARNINGS (SQ FT)	60600605 CONCRETE CURB, TYPE B (FOOT)
014+52	014+58	CL	4.0		36.0		24.0	16.0
015+89	016+04	CL	4.0		36.0		24.0	16.0
016+33	021+24	RT	273.9		2465.0			
021+24	021+47	RT		12.0		108.1		
021+47	023+83	RT	134.6		1211.0		8.0	
101+32	101+38	RT	10.1		91.3			
102+00	102+59	LT	57.2		515.2		24.0	
102+00	102+64	RT	77.8		700.2		24.0	
102+04	102+10	CL	4.0		36.0		24.0	16.0
102+96	104+63	LT	109.1		982.0		24.0	
103+00	103+74	RT	68.1		613.2		24.0	
103+51	103+57	CL	4.0		36.0		24.0	16.0
103+74	103+99	RT		13.2		118.5		
103+99	104+48	RT	27.7		249.1			
104+48	104+67	RT		10.8		97.2		
104+63	104+92	LT		16.3		146.3		
104+67	104+99	RT	17.6		158.1			
104+92	105+84	LT	50.6		455.3			
104+99	105+25	RT		14.1		126.6		
TOTALS			842.7	66.3	7584.4	596.7	200.0	64.0

40600370	LONGITUDINAL JOINT SEALANT

STATION BEGIN	STATION END	40600370 LONGITUDINAL JOINT SEALANT (FOOT)
011+58	014+23	530
016+63	018+85	444
101+09	101+75	132
104+24	105+84	320
	TOTALS	1426

44000100	PAVEMENT REMOVAL
44000500	COMBINATION CURB AND GUTTER REMOVAL
44000600	SIDEWALK REMOVAL
X1700112	BRICK PAVER REMOVAL

STA BEGIN	STA END	44000100 PAVEMENT REMOVAL (SQ YD)	44000500 COMBINATION CURB AND GUTTER REMOVAL (FOOT)	44000600 SIDEWALK REMOVAL (SQ FT)	X1700112 BRICK PAVER REMOVAL (SQ FT)
011+59	018+85	2163.8			
023+79	023+83		13.9	15.4	
101+09	102+62	715.9	337.7	587.3	
103+04	105+84	1464.0	849.2	1112.5	26.0
TOTALS		4343.7	1200.8	1715.2	26.0

78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
X7810301	RECESSED REFLECTIVE PAVEMENT MARKER (HMA)

STA BEGIN	STA END	REF	LENGTH (FOOT)	LINE TYPE / COLOR W = WHITE Y = YELLOW	78009000 MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)	78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (FOOT)	78009006 MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (FOOT)	78009012 MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (FOOT)	X7810301 RECESSED REFLECTIVE PAVEMENT MARKER (HMA) (EACH)
011+59	012+83	CL	124	DBL CL/Y		248			6
011+59	014+23	LT	264	EDGE/W		264			
011+59	014+23	RT	264	EDGE/W		264			
012+83	014+23	LT	140	DBL CL/Y		280		50	4
012+83	014+23	RT	140	DBL CL/Y		280			4
014+23	014+83	LT	60	EDGE/Y		60			
014+23	014+83	RT	60	EDGE/Y		60			
014+51	014+58	LT	7	CW/W				21	
014+51	014+58	RT	7	CW/W				21	
014+68	014+78	RT	10	YIELD SYM/W	26				
014+78	014+83	RT	5	YIELD BAR/W	8				
014+83	014+93	RT	12	2-6 SD/W			3		
015+63	015+73	LT	12	2-6 SD/W			3		
015+73	015+76	LT	3	YIELD BAR/W	8				
015+79	015+89	LT	10	YIELD SYM/W	26				
015+73	016+33	LT	60	EDGE/Y		60			
015+73	016+33	RT	60	EDGE/Y		60			
015+98	016+04	LT	6	CW/W				18	
015+98	016+04	RT	6	CW/W				18	
016+33	017+73	LT	140	DBL CL/Y		280		50	4
016+33	017+73	RT	140	DBL CL/Y		280			4
017+73	018+85	CL	112	DBL CL/Y		224			6
017+73	018+85	LT	112	EDGE/W		112			
016+33	018+85	RT	252	EDGE/W		252			
100+35	101+75	LT	140	DBL CL/Y		280		50	4
100+35	101+75	RT	140	DBL CL/Y		280			4
101+75	102+35	LT	60	EDGE/Y		60			
101+75	102+35	RT	60	EDGE/Y		60			
102+04	102+10	LT	6	CW/W				18	
102+04	102+10	RT	6	CW/W				18	
102+22	102+32	RT	10	YIELD SYM/W	26				
102+31	102+35	RT	4	YIELD BAR/W	8				
102+35	102+45	RT	12	2-6 SD/W			3		
103+16	103+26	LT	12	2-6 SD/W			3		
103+25	104+24	LT	99	EDGE/Y		99			
103+25	104+24	RT	99	EDGE/Y		99			
103+26	103+33	LT	7	YIELD BAR/W	8				
103+31	103+41	LT	10	YIELD SYM/W	26				
103+51	103+57	LT	6	CW/W				18	
103+51	103+57	RT	6	CW/W				18	
104+24	105+64	LT	140	DBL CL/Y		280		50	4
104+24	105+64	RT	140	DBL CL/Y		280			4
105+64	106+54	CL	90	DBL CL/Y		180			4
123+94	124+27	RT	24	CW/W				72	
000+00	001+69	CL	169	EDGE/Y		169			
000+37	000+47	LT	10	COMB LEFT/W	24				
000+80	000+90	LT	10	COMB LEFT/W	24				
001+24	001+34	LT	10	COMB LEFT/W	24				
001+66	000+06	LT	10	COMB LEFT/W	24				
				TOTALS	232	4511	12	422	48

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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	16
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)
20101100	TREE TRUNK PROTECTION

STATION	OFFSET		20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER) (UNITS)	20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER) (UNITS)	20101100 TREE TRUNK PROTECTION (EACH)
011+72	33.8	RT			1
012+69	33.7	RT			1
013+77	31.5	RT			1
014+25	30.0	RT			1
014+60	32.3	RT		29	
016+11	35.8	RT			1
016+13	34.6	RT			1
016+24	30.1	RT	10		
016+46	35.8	RT			1
016+87	31.9	RT			1
016+89	36.9	RT			1
017+54	29.7	LT			1
017+81	30.3	LT			1
101+25	26.6	LT			1
102+02	30.5	RT		27	
103+41	34.3	RT			1
103+93	2.4	LT	14		
104+38	40.1	LT			1
105+02	40.4	LT			1
105+10	40.7	LT			1
105+26	40.0	LT			1
105+49	40.6	LT			1
105+52	40.3	LT			1
105+53	40.2	LT			1
105+53	38.8	LT			1
105+65	23.4	RT			1
105+75	39.9	LT			1
		TOTALS	24	56	23

28000510 INLET FILTERS			
STA.	OFFSET	EX/NEW	QUANTITY (EA)
12+38.0	LT	NEW	1
12+82.4	RT	NEW	1
13+72.1	RT	NEW	1
13+87.2	LT	NEW	1
14+96.1	RT	EX	1
14+98.9	RT	NEW	1
15+56.5	RT	NEW	1
15+57.0	RT	EX	1
16+99.0	RT	NEW	1
18+00.8	RT	NEW	1
18+00.9	LT	NEW	1
19+20.2	RT	NEW	1
19+28.0	RT	NEW	1
20+00.0	RT	NEW	1
23+50.0	RT	NEW	1
23+93.0	RT	EX	1
		TOTAL	16

X0327301 RELOCATE EXISTING MAILBOX		
STA.	OFFSET	QUANTITY (EA)
101+56	RT	1
101+74	LT	1
104+04	RT	2
104+85	RT	2
	TOTAL	6

25000210	SEEDING, CLASS 2A
25000400	NITROGEN FERTILIZER NUTRIENT
25000600	POTASSIUM FERTILIZER NUTRIENT
25100645	WILDLIFE FRIENDLY EROSION CONTROL BLANKET
28000250	TEMPORARY EROSION CONTROL SEEDING

STARTING STATION	ENDING STATION	REF	TOPSOIL AREA (4 IN DEPTH) (SQ YD)	TOPSOIL PLACEMENT (CU YD)	25000210 SEEDING, CLASS 2A (ACRE)	25000400 NITROGEN FERTILIZER NUTRIENT (POUND)	25000600 POTASSIUM FERTILIZER NUTRIENT (POUND)	25100645 WILDLIFE FRIENDLY EROSION CONTROL BLANKET (SQ YD)	28000250 TEMPORARY EROSION CONTROL SEEDING (POUND)
011+00	015+00	LT	616.2	68.5	0.13	11.5	11.5	616.2	12.7
011+00	015+00	RT	696.1	77.3	0.14	12.9	12.9	696.1	14.4
015+00	019+00	LT	697.5	77.5	0.14	13.0	13.0	697.5	14.4
015+00	019+00	RT	628.7	69.9	0.13	11.7	11.7	628.7	13.0
019+00	024+00	RT	628.4	69.8	0.13	11.7	11.7	628.4	13.0
100+00	102+50	LT	135.9	15.1	0.03	2.5	2.5	135.9	2.8
100+00	102+50	RT	238.5	26.5	0.05	4.4	4.4	238.5	4.9
102+50	106+00	LT	393.4	43.7	0.08	7.3	7.3	393.4	8.1
102+50	106+00	RT	204.1	22.7	0.04	3.8	3.8	204.1	4.2
		TOTALS	4239	471	1.00	79	79	4239	88

28000400	PERIMETER EROSION BARRIER		
STA BEGIN	STA END	REF	LENGTH (FOOT)
11+58	12+91	LT	133
11+58	14+88	RT	330
13+16	14+86	LT	170
15+67	19+06	LT	339
15+67	23+77	RT	810
100+91	102+41	LT	150
100+91	102+43	RT	152
103+31	106+00	LT	269
103+23	106+00	RT	277
		TOTAL	2630

72000100	SIGN PANEL - TYPE 1
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B
72400205	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE A
72400310	REMOVE SIGN PANEL - TYPE 1
72400735	REMOVE AND RELOCATE SIGN PANEL - TYPE 1
72900100	METAL POST - TYPE A
Z0070150	REMOVE AND RELOCATE EXISTING MONUMENT

STATION	]	TYPE/DESCRIPTION	72000100 SIGN PANEL - TYPE 1 (SQ FT)	72400200 REMOVE SIGN PANEL ASSEMBLY - TYPE B (EACH)	72400205 REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE A (EACH)	72400310 REMOVE SIGN PANEL - TYPE 1 (SQ FT)	72400735 REMOVE AND RELOCATE SIGN PANEL - TYPE 1 (SQ FT)	72900100 METAL POST - TYPE A (FOOT)	Z0070150 REMOVE AND RELOCATE EXISTING MONUMENT (EACH)
11+33	RT	W3-1		1.0		6.3			
14+50	RT	W11-2	6.3					13.5	
		W16-7P(L)	2.2						
14+60	LT	W11-2	6.3					13.5	
		W16-7P(L)	2.2						
14+76	RT	R1-2	3.9					13.5	
		R6-5P	6.3						
14+80	RT	R1-1		1.0		6.3			
		R1-1				6.3			
		R1-3P				0.8			
15+75	LT	R1-1		1.0		6.3			
		R1-1				6.3			
		R1-3P				0.8			
15+76	LT	R1-2	3.9					13.5	
		R6-5P	6.3						
15+95	RT	W11-2	6.3					13.5	
		W16-7P(L)	2.2						
16+08	LT	W11-2	6.3					13.5	
		W16-7P(L)	2.2						
19+56	LT	W3-1		1.0		6.3			
99+60	RT	R3-8		1.0		6.3			
102+00	RT	W11-2	6.3					13.5	
		W16-7P(L)	2.2						
102+12	LT	W11-2	6.3					13.5	
		W16-7P(L)	2.2						
102+31	RT	R1-2	3.9					13.5	
		R6-5P	6.3						
102+32 TO	RT	PACE 548			1.0		3.0		
102+39	RT	R1-1		1.0		6.3			
		R1-1				6.3			
		R1-3P				0.8			
103+28	CL	R4-7		1.0		5.0			
103+34	LT	R1-1		1.0		6.3			
		R1-1				6.3			
		R1-3P				0.8			
103+35	LT	R1-2	3.9					13.5	
		R6-5P	6.3						
103+45 TO	CL	VALLEY CREEK							1.0
103+49	RT	W11-2	6.3					13.5	
		W16-7P(L)	2.2						
103+60	LT	W11-2	6.3					13.5	
		W16-7P(L)	2.2						
104+37	CL	R4-7		1.0		5.0			
105+44	LT	R3-8		1.0		6.3			
106+20	LT	W3-1		1.0		6.3			
0+00	LT	D1-1D (Highland Ave)	7.5					13.5	
0+42	LT	D1-1D (Lyle Ave)	6.0					13.5	
0+85	LT	D1-1D (Highland Ave)	7.5					13.5	
1+29	LT	D1-1D (Lyle Ave)	6.0					13.5	
		TOTALS	135.1	11.0	1.0	94.3	3.0	216.0	1.0

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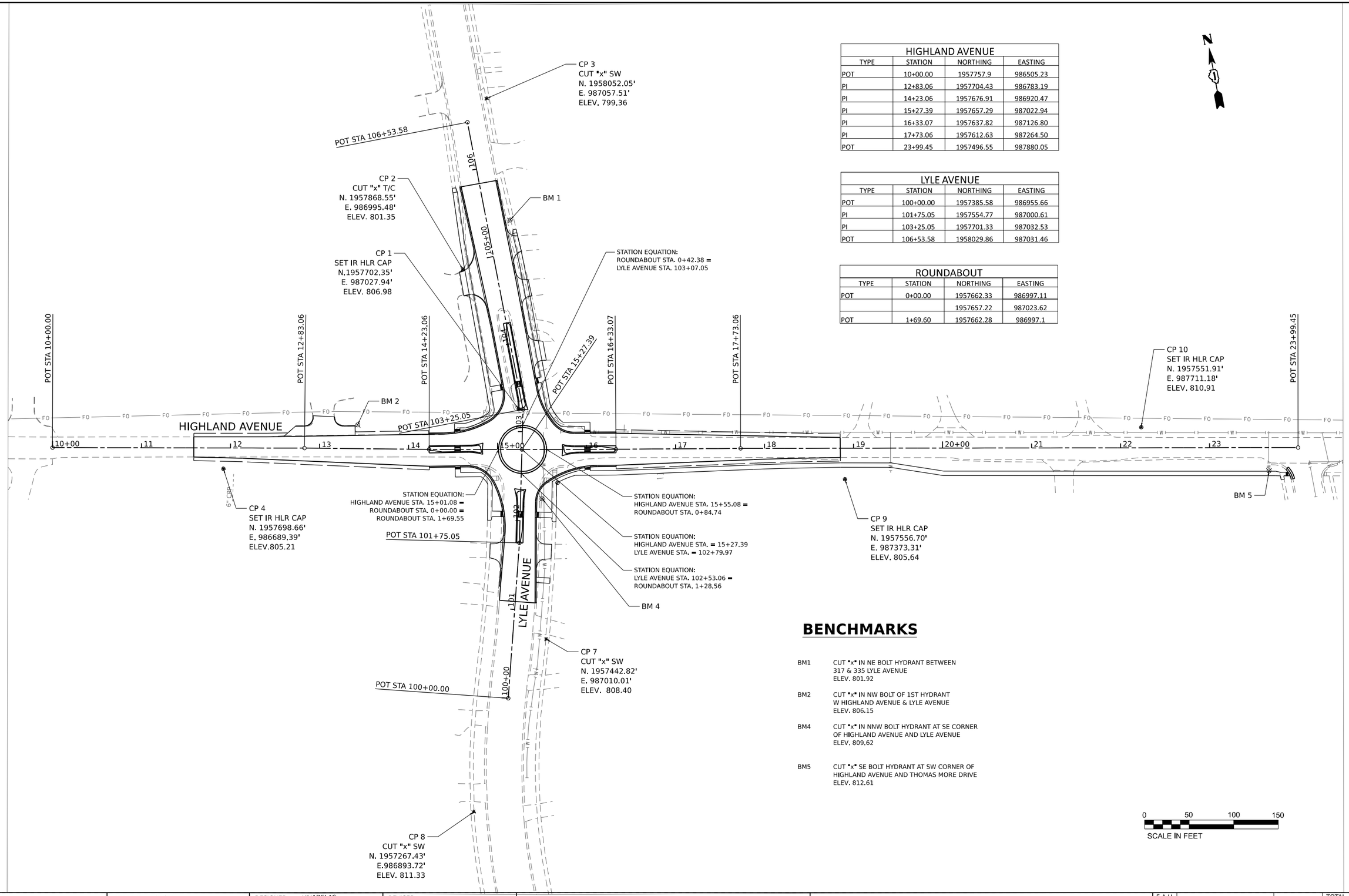
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	17
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		



HIGHLAND AVENUE			
TYPE	STATION	NORTHING	EASTING
POT	10+00.00	1957757.9	986505.23
PI	12+83.06	1957704.43	986783.19
PI	14+23.06	1957676.91	986920.47
PI	15+27.39	1957657.29	987022.94
PI	16+33.07	1957637.82	987126.80
PI	17+73.06	1957612.63	987264.50
POT	23+99.45	1957496.55	987880.05

LYLE AVENUE			
TYPE	STATION	NORTHING	EASTING
POT	100+00.00	1957385.58	986955.66
PI	101+75.05	1957554.77	987000.61
PI	103+25.05	1957701.33	987032.53
POT	106+53.58	1958029.86	987031.46

ROUNDABOUT			
TYPE	STATION	NORTHING	EASTING
POT	0+00.00	1957662.33	986997.11
		1957657.22	987023.62
POT	1+69.60	1957662.28	986997.1

BENCHMARKS

BM1 CUT "x" IN NE BOLT HYDRANT BETWEEN 317 & 335 LYLE AVENUE ELEV. 801.92

BM2 CUT "x" IN NW BOLT OF 1ST HYDRANT W HIGHLAND AVENUE & LYLE AVENUE ELEV. 806.15

BM4 CUT "x" IN NNW BOLT HYDRANT AT SE CORNER OF HIGHLAND AVENUE AND LYLE AVENUE ELEV. 809.62

BM5 CUT "x" SE BOLT HYDRANT AT SW CORNER OF HIGHLAND AVENUE AND THOMAS MORE DRIVE ELEV. 812.61

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	18
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

LEGEND

- ASPHALT PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- LINEAR ITEM REMOVAL
- ITEM REMOVAL

N

IMPROVEMENTS END
STA 105+83.5

IMPROVEMENTS BEGIN
STA 11+58.7

IMPROVEMENTS BEGIN
STA 101+09.0

LYLE AVENUE

HIGHLAND AVENUE

SIGN REMOVAL 1 EA
SIGN REMOVAL 1 EA
SIGN REMOVAL 1 EA
SIGN REMOVAL 1 EA
SIGN REMOVAL 1 EA
SIGN REMOVAL 1 EA
SIGN REMOVAL 1 EA
SIGN REMOVAL 1 EA

SW REMOVAL 25.6 SF
DRIVEWAY PAVT REMOVAL 14.1 SY
RELOCATE MAILBOX 2 EA
SW REMOVAL 105.7 SF
DRIVEWAY PAVT REMOVAL 12.4 SY
DRIVEWAY PAVT REMOVAL 39.6 SY
CC&G REM 241.5 LF
SW REMOVAL 191.4 SF
DRIVEWAY PAVT REMOVAL 3.0 SY
RELOCATE MAILBOX 2 EA
BRICK PAVER REMOVAL 26 SF
DRIVEWAY PAVT REMOVAL 22.0 SY
SW REMOVAL 43.6 SF
DRIVEWAY PAVT REMOVAL 7.9 SY
REMOVE AND RELOCATE EXISTING MONUMENT TO STA 104+00, 0.5' RT
SIGN REMOVAL 1 EA
SW REMOVAL 191.6 SF
SIGN REMOVAL 1 EA
CC&G REM 309.4 LF
CC&G REM 298.3 LF
TREE REMOVAL
SW REMOVAL 271.7 SF
PAVEMENT REMOVAL 4343.4 SY
DRIVEWAY PAVT REMOVAL 119.3 SY
TREE REMOVAL
INLET REMOVAL 1 EA
TREE REMOVAL
SIGN REMOVAL 1 EA
INLET REMOVAL 1 EA
12" STORM SEWER REMOVAL 21.3 LF
MANHOLE REMOVAL 1 EA
SW REMOVAL 291.6 SF
CC&G REM 166.5 LF
RELOCATE MAILBOX 1 EA
DRIVEWAY PAVT REMOVAL 23.5 SY
10" STORM SEWER REMOVAL 20.6 LF
LIGHT POLE REMOVAL
REMOVE AND RELOCATE SIGN (PACE 548)
SW REMOVAL 295.7 SF
CC&G REM 171.2 LF
TREE REMOVAL
DRIVEWAY PAVT REMOVAL 24.8 SY
RELOCATE MAILBOX 1 EA

EX R.O.W.
EX. PROPERTY LINE (TYP.)

MATCHLINE STA. 19+00.00 SEE SHT.20

SCALE IN FEET 0 20 40 60

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
REMOVAL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	19
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

LEGEND

- ASPHALT PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- LINEAR ITEM REMOVAL
- ITEM REMOVAL

N

MATCHLINE STA. 19+00.00 SEE SHT.19

SIGN REMOVAL 1 EA

IMPROVEMENTS END
STA 23+93.5

EX R.O.W.

19 | 20+00 | 21 | 22 | 23

HIGHLAND AVENUE

EX R.O.W.

DRIVEWAY PAVT REMOVAL 16.4 SY

REMOVE AND RELOCATE FIRE HYDRANT

SW REMOVAL 15.4 SF

CC&G REM 13.9 LF

THOMAS MOORE DRIVE

EX. PROPERTY LINE (TYP.)

0 20 40 60
SCALE IN FEET

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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
REMOVAL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	20
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NO'S/PIPES CHKD
NOTE BOOK
NO.
BY
DATE

EX. R.O.W.
10+00
11
12
HIGHLAND AVE
AGG SHOULDER, TY B 8"
EX. R.O.W.
B. TAPER
12+41.6
12.6' LT
12'
10'
IMPROVEMENTS BEGIN
STA 11+58.7
B. TAPER
12+13.1
11.5' RT
AGG SHOULDER, TY B 8"
EX. R.O.W.
MATCHLINE STA. 12+50.00
EX. S.S. EASEMENT
HMA SURF CSE, MIX "D", IL-9.5, N50, 1-1/2"
HMA BIND CSE, IL-19.0, N50, 2-1/2"
HMA BASE CSE, 5"
AGG SUBGRADE IMP, 12"
0 20 40 60
SCALE IN FEET
N

L = 310.00'
K = 96.08
VPI 11+58.70
EL 807.35
VPC 11+66.70
EL 807.22
IMPROVEMENTS BEGIN
STA 11+58.7

815 810 805 800 795 790 785 780 775

810.26 809.31 808.47 807.52 **807.35** 806.65 **806.71** 806.09 **806.16**

6+50 7+00 7+50 8+00 8+50 9+00 9+50 10+00 10+50 11+00 11+50 12+00 12+50

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HAMPTON, LENZINI AND RENWICK, INC.
1707 N. RANDALL ROAD, SUITE 100
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000959

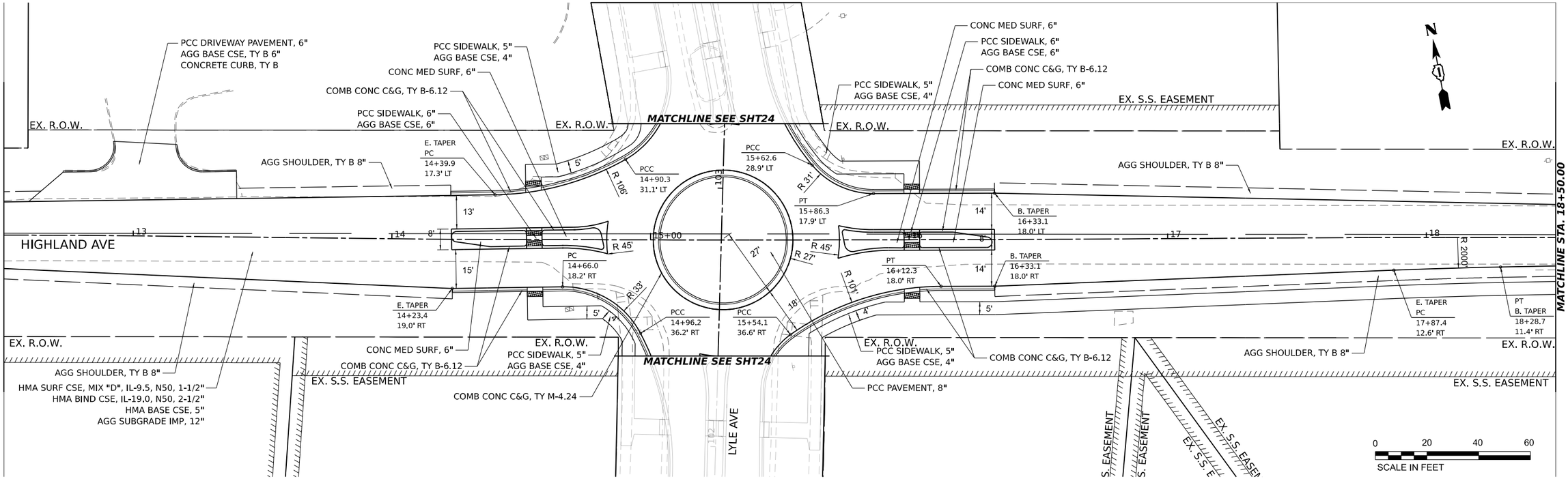
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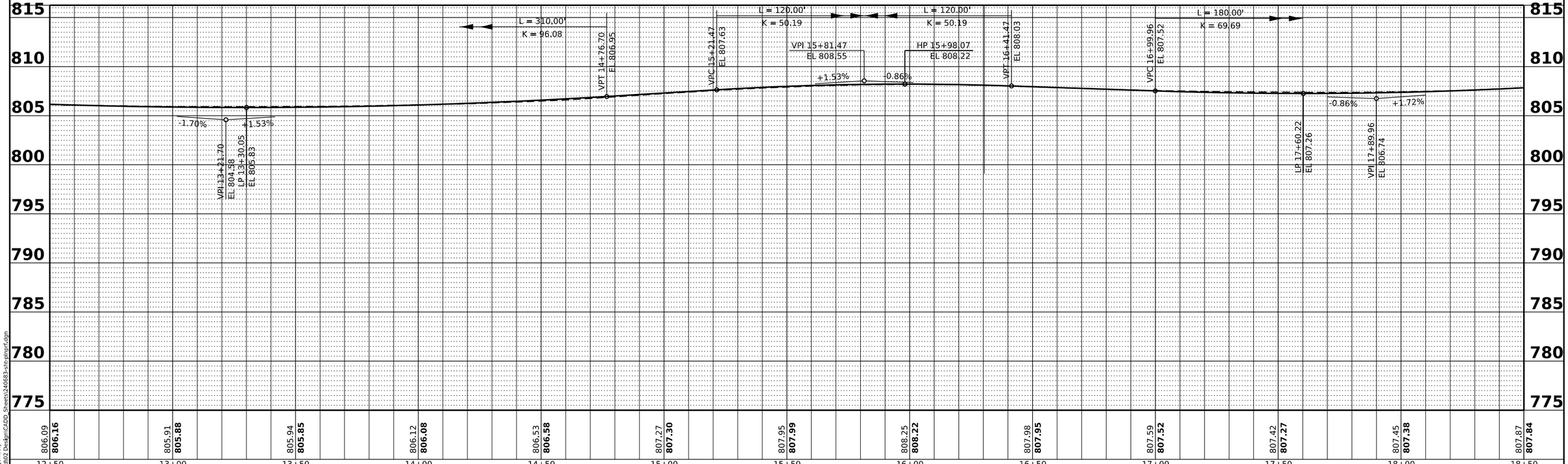
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
PLAN AND PROFILE: HIGHLAND AVENUE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	21
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		





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

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

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HAMPTON, LENZINI AND RENWICK, INC.
1707 N. RANDALL ROAD, SUITE 100
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000959

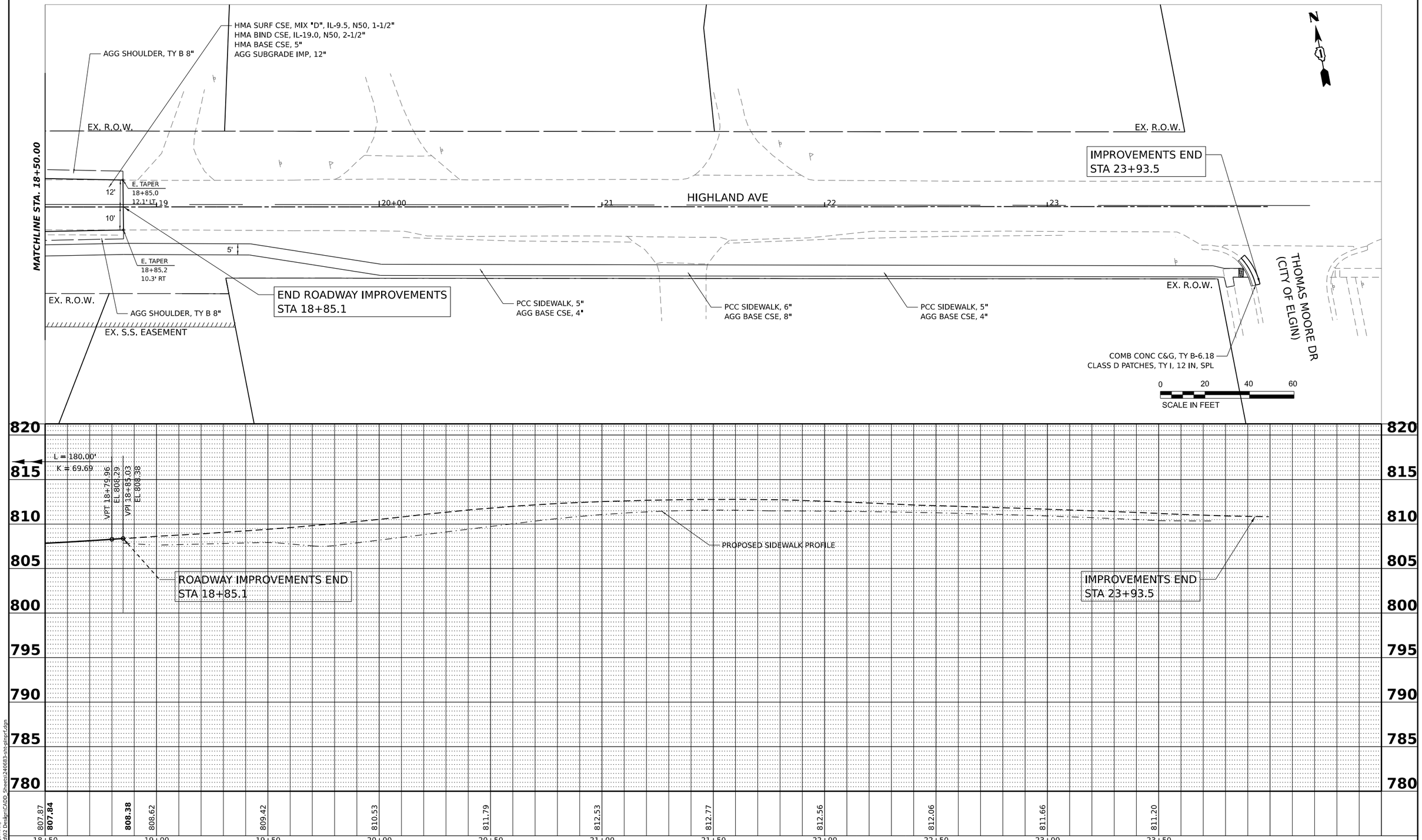
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
PLAN AND PROFILE: HIGHLAND AVENUE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	22
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK / NO. / BY / DATE

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HAMPTON, LENZINI AND RENWICK, INC.
1707 N. RANDALL ROAD, SUITE 100
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000959

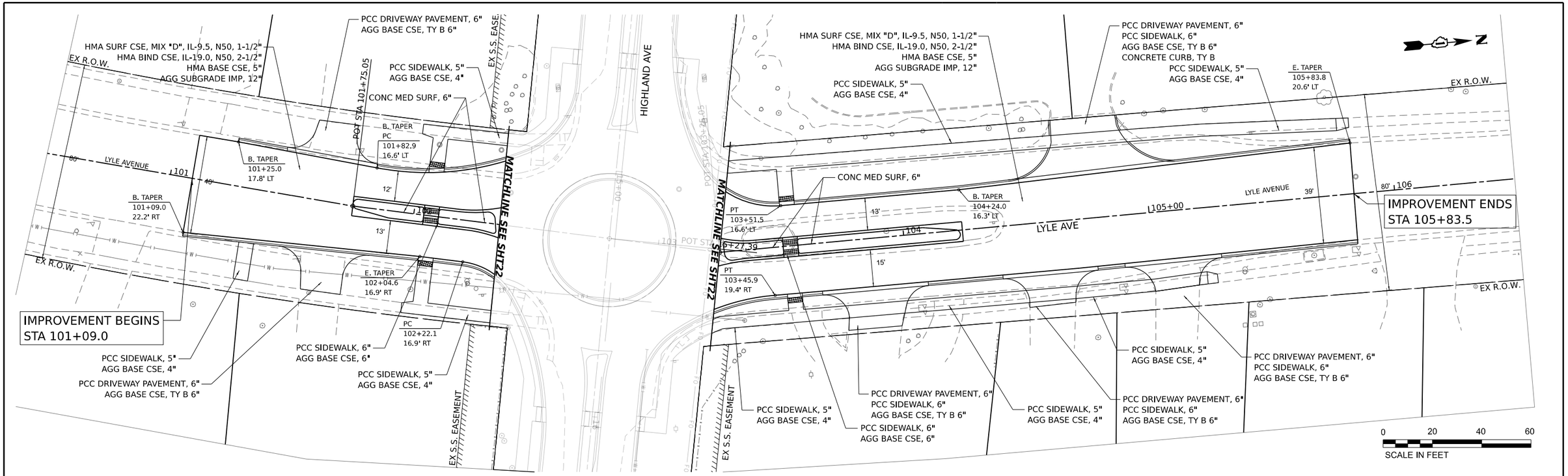
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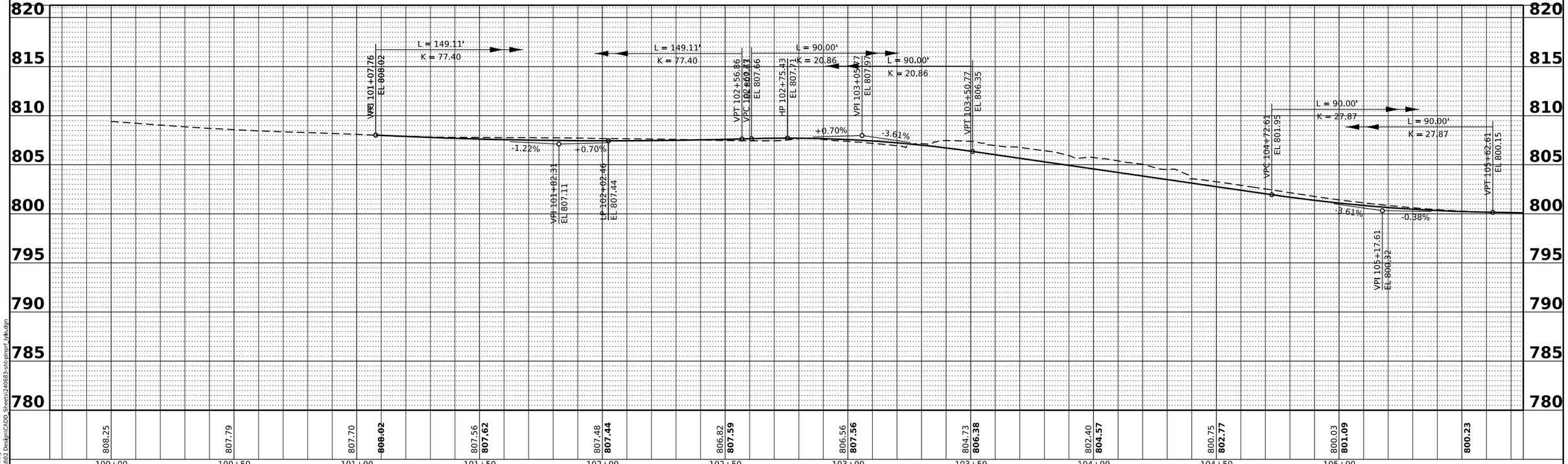
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
PLAN AND PROFILE: HIGHLAND AVENUE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	23
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	





PLAN — SURVEYED | PLOTTED | AUTODESK CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | DATE | BY | 8½"

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

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HAMPTON, LENZINI AND RENWICK, INC.
1707 N. RANDALL ROAD, SUITE 100
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
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USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
PLAN AND PROFILE: LYLE AVENUE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	24
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

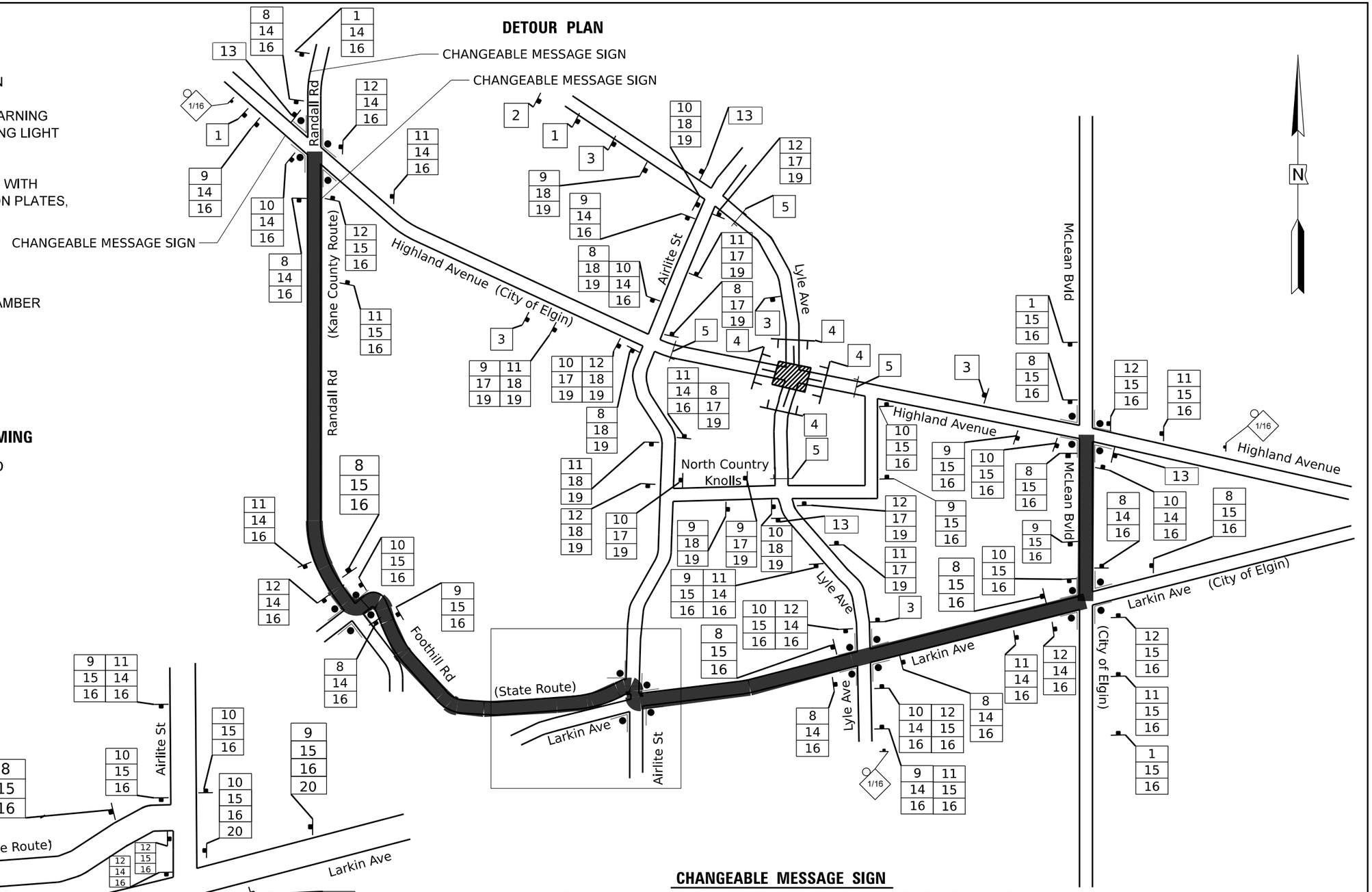
LEGEND

- SIGNALIZED INTERSECTION
- 48"X48" CONSTRUCTION WARNING SIGN, WITH AMBER FLASHING LIGHT NUMBER DENOTES TYPE
- M4-9 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE
- OTHER DETOUR SIGNS, NUMBER DENOTES TYPE
- TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
- DETOUR ROUTE
- AREA OF CONSTRUCTION

TEMPORARY TRAFFIC SIGNAL TIMING

1. RANDALL AT HIGHLAND
2. RANDALL AT FOOTHILL
3. AIRLITE AT LARKIN
4. McLEAN AT LARKIN
5. LARKIN AT LYLE
6. HIGHLAND AT McLEAN

DETOUR PLAN



CHANGEABLE MESSAGE SIGN

CHANGEABLE MESSAGE SIGNS TO BE PLACED AT LEAST 3 DAYS PRIOR TO PLACING THE DETOUR. CHANGEABLE MESSAGE SIGNS TO REMAIN IN PLACE AT LEAST 7 DAYS AFTER THE DETOUR IS IN EFFECT.

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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
DETOUR PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	25
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

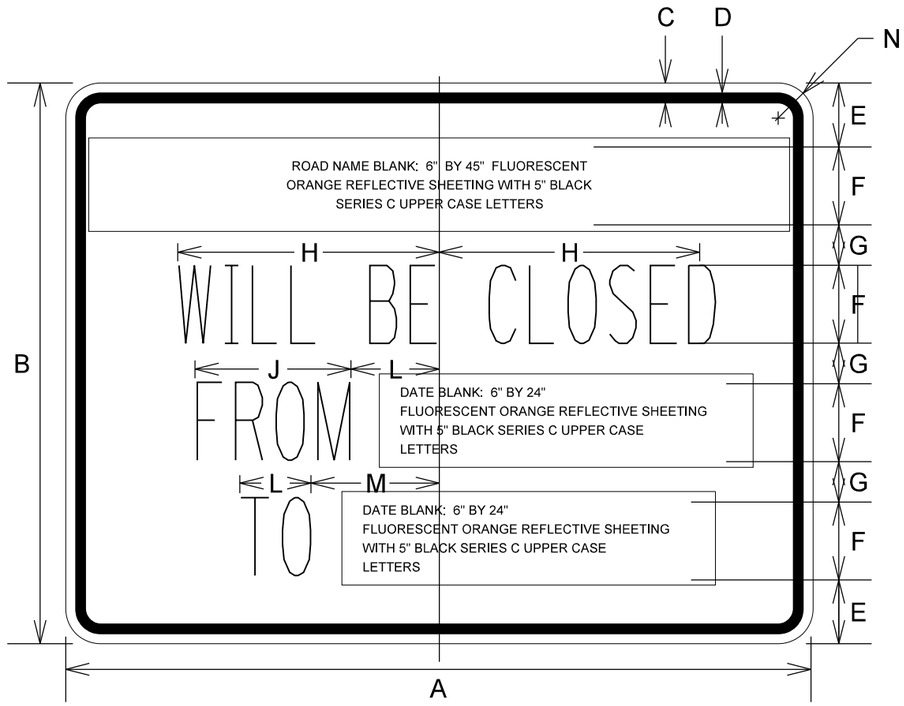
NUMBER OF SIGNS 8

Highland Ave
WILL BE CLOSED
FROM APRIL
TO AUGUST

DATES SHOWN ARE FOR EXAMPLE ONLY

NUMBER OF SIGNS 8

Lyle Ave
WILL BE CLOSED
FROM APRIL
TO AUGUST



NOTE: SIGN SHEETING SHALL BE FLUORESCENT ORANGE WITH 5 INCH (125 mm) BLACK SERIES C LETTERS

DIMENSIONS (ENGLISH)

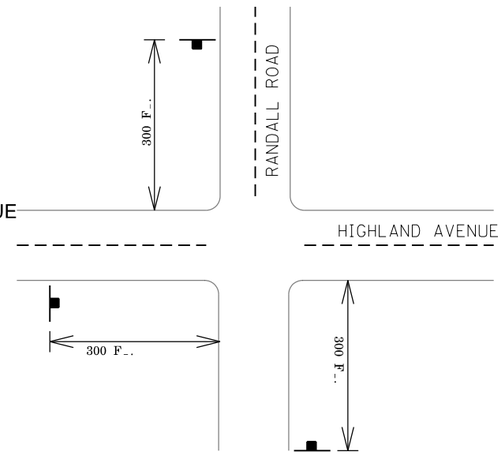
A	48"
B	36"
C	5/8"
D	7/8"
E	4 1/8"
F	5"
G	2 5/8"
H	9 3/4"
J	12"
K	5 1/2"
L	5 1/2"
M	8 1/2"
N	2 1/4"

NOTE:
THESE SIGNS SHALL BE INSTALLED 7-10 CALENDAR DAYS PRIOR TO THE DETOUR AND ROAD CLOSURE. THE SIGNS SHALL BE REMOVED THE DAY THE DETOUR BEGINS.

LOCATIONS OF PRE-DETOUR INFORMATION SIGNS BY INTERSECTION

E.B. HIGHLAND AVENUE, WEST OF RANDALL ROAD
W.B. HIGHLAND AVENUE, EAST OF RANDALL ROAD
N.B. RANDALL ROAD, SOUTH OF HIGHLAND AVENUE
N.B. LYLE AVENUE, SOUTH OF HIGHLAND AVENUE
S.B. LYLE AVENUE, NORTH OF HIGHLAND AVENUE
N.B. MCLEAN BOULEVARD, SOUTH OF HIGHLAND AVENUE
S.B. MCLEAN BOULEVARD, NORTH OF HIGHLAND AVENUE
E.B. HIGHLAND AVENUE, WEST OF MCLEAN BOULEVARD
W.B. HIGHLAND AVENUE, EAST OF MCLEAN BOULEVARD
N.B.LYLE AVENUE SOUTH OF HIGHLAND AVENUE
S.B. LYLE AVENUE, NORTH OF HIGHLAND AVENUE

SIGN LAYOUT FOR PRE-DETOUR INFORMATION SIGNS AT THE INTERSECTION OF HIGHLAND AVENUE AND RANDALL ROAD.
SIGNS AT HIGHLAND AVENUE AND MCLEAN BLVD WILL BE INSTALLED IN A SIMILAR FASHION.



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USER NAME = knelms	DESIGNED - KRN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHLAND AVE AT LYLE AVE ROUNDABOUT DETOUR PLAN	
	DRAWN - KRN	REVISED -			
PLOT SCALE = 40.0000 ' / in.	CHECKED - KKS	REVISED -			
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	26
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

SIGN NO.	SIGN	SIGN TYPE	QUANTITY
①	DETOUR AHEAD	W20-2 (O) 48	10
②	ROAD CLOSED AHEAD	W20-3 (O) 48	1
③	ROAD CLOSED 500 FT	W20-3 (O) 48	5
④	ROAD CLOSED	R11-2 4830	4
⑤	ROAD CLOSED TO THRU TRAFFIC	R11-4 6030	4
⑥	DETOUR	M4-10R (O) 4818	0
⑦	DETOUR	M4-10L (O) 4818	0
⑧	DETOUR ↑	M4-9 (O) 3021	19
⑨	DETOUR ↱	M4-9R (O) 3021	14
⑩	DETOUR →	M4-9R (O) 3021	17
⑪	DETOUR ↰	M4-9L (O) 3021	14
⑫	DETOUR ←	M4-9L (O) 3021	14
⑬	END DETOUR	M4-8a (O) 2418	4
⑭	EAST	M3-2P (O) 2412	28
⑮	WEST	M3-4P (O) 2412	33
⑯	Highland Ave	SPECIAL (O) 6030	61
⑰	NORTH	M3-1P (O) 2412	10
⑱	SOUTH	M3-3P (O) 2412	10
⑲	Lyle Ave	SPECIAL (O) 6030	20
⑳	Use Foothill Road	SPECIAL (O) 6030	2

DETOUR GENERAL NOTES

1. ALL SIGNING SHALL BE ACCORDING TO THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JAN. 1, 2022", " THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES ADOPTED 2022", THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", AND THE CONTRACT SPECIAL PROVISIONS.
2. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE CLOSURE TIME SHALL BE APPROVED BY THE ENGINEER.
3. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK. THE CITY OF ELGIN REPRESENTATIVE FOR THIS DETOUR IS:

   MIKE PUBENTZ
   CITY OF ELGIN
   PUBLIC SERVICES DIRECTOR
   1900 Holmes Rd.
   Elgin, IL 60123-1200
   (847) 931-5968
4. LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
5. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED ACCORDING TO THE DETOUR PLAN AND INSPECTED & APPROVED BY THE ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM /HER ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
7. THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL, INCLUDING ALL ADDITIONAL SIGNAGE AND/OR DEVICES, THAT ARE DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
8. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.
9. ALL DETOUR SIGNING SHALL BE POST MOUNTED.
10. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
11. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
12. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
13. ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADES. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED EIGHT FEET IN WIDTH EACH, FOR A SINGLE APPROACH LANE.
14. THE "ROAD CLOSED" (R11-2), THE "ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY" (R11-3) AND THE "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
15. THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9" X VARIABLE OR A 12" X VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 4.5" LOWER CASE.
16. DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
17. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT ARTICLE 701.04 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
19. THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO HOURS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC.
20. ACCESS TO DRIVEWAYS WITHIN THE AREA OF CONSTRUCTION SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL STAGE WORK ACCORDINGLY.

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	DRAWN - KRN	REVISED -		
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	27
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

NOTES

EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE SWPPP FOR THE PROJECT AND THE FOLLOWING COMMENTS.

DISTRUBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY.

AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN 3H:1V SHALL BE STABILIZED WITH WILDLIFE FRIENDLY EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING.

ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT-CONTROL MEASURE AS FOUND IN THE SWPPP.

ALL TEMPORARY EROSION AND SEDIMENT-CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

ALL TEMPORARY AND PERMANENT EROSION-CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED BY THE CONTRACTOR AS NEEDED WITHIN 24 HOURS OF DISCOVERY, AT NO ADDITIONAL COST TO THE CONTRACT. MAINTENANCE NOT PERFORMED IN A TIMELY FASHION MAY RESULT IN AN INCIDENCE OF NON-COMPLIANCE.

A STABLIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY, OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY, OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING ACCUMULATIONS AND TRANSPORTED TO A CONTROLLED SEDIMENT-DISPOSAL AREA, AT NO ADDITIONAL COST TO THE CONTRACT.

SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES.

IF DE-WATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT-CONTROL MEASURE (E.G. SEDIMENTTRAP, SEDIMENT BASIN, FILTER BAG OR OTHER APPROVED MEASURE), AND SHALL BE AT NO ADDITIONAL COST TO THE CONTRACT.

THE EROSION-CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
EROSION CONTROL AND LANDSCAPING NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	28
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

LEGEND

SEEDING, CLASS 2A
TOPSOIL EXCAVATION AND PLACEMENT (4" PLACEMENT)
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

INLET FILTER (TEMPORARY)

EROSION CONTROL BARRIER

IMPROVEMENTS END
STA 105+83.5

IMPROVEMENTS BEGIN
STA 11+58.7

IMPROVEMENTS BEGIN
STA 101+09.0

LYLE AVENUE

HIGHLAND AVENUE

AUTUMN BLAZE
FREEMAN MAPLE

EASTERN REDBUD

RED OAK

POT STA 12+83.06

POT STA 14+23.06

POT STA 14+27.39

POT STA 16+33.07

POT STA 17+73.06

POT STA 101+75.05

10" PVC

12" DIP

24" RCP

18" RCP

12" RCP

6" CPEP

SO. CL. FCGT VLS 101

10+00 11 12 13 14 15+00 16 17 18

MATCHLINE STA. 19+00.00 SEE SHT.30

0 20 40 60
SCALE IN FEET

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	DRAWN - KRN	REVISED -	
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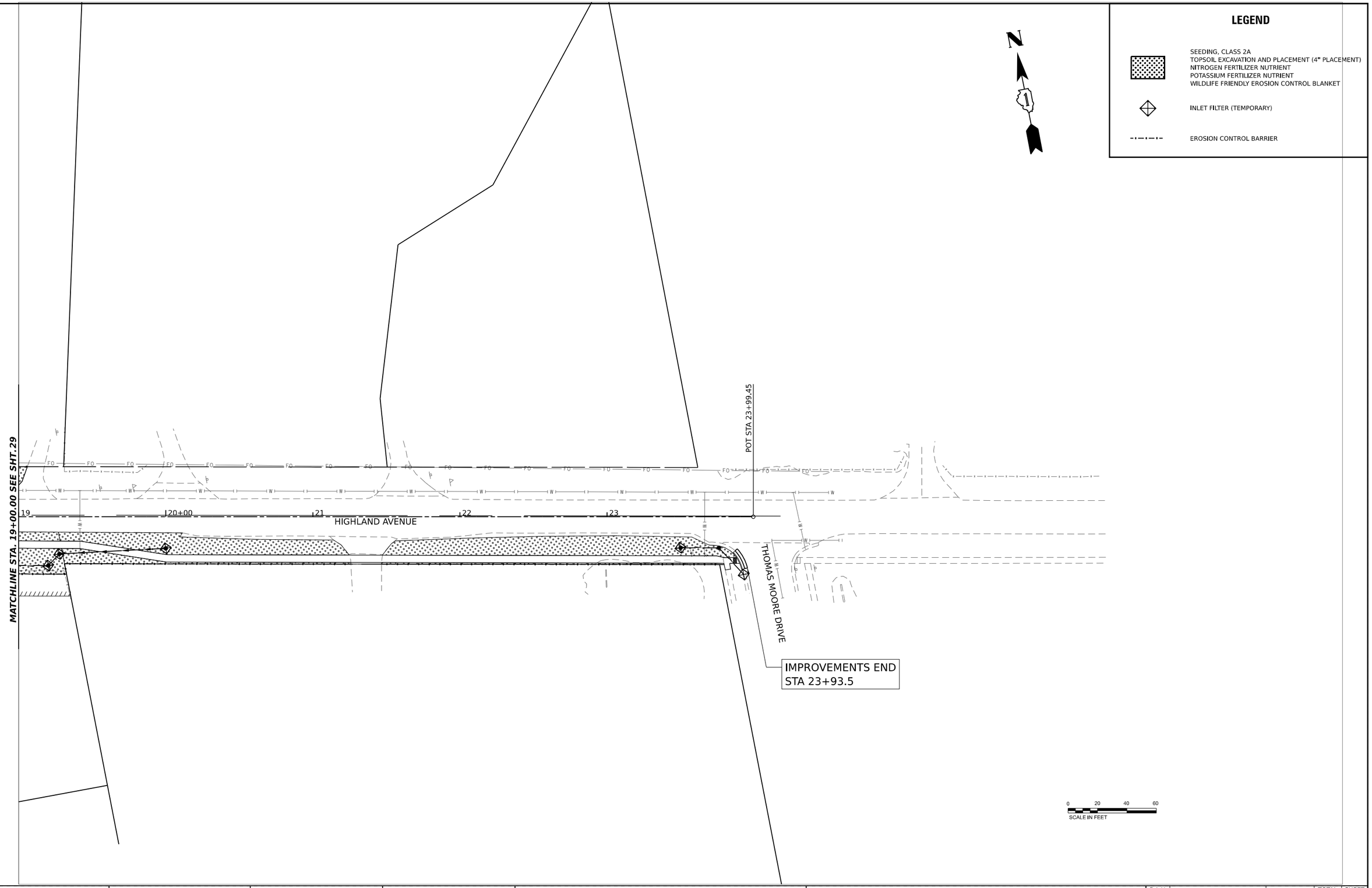
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
EROSION CONTROL AND LANDSCAPING PLANS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	29
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
EROSION CONTROL AND LANDSCAPING PLANS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	30
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

SUPPLEMENTAL STRUCTURE & PIPE LEGEND

NOTES:

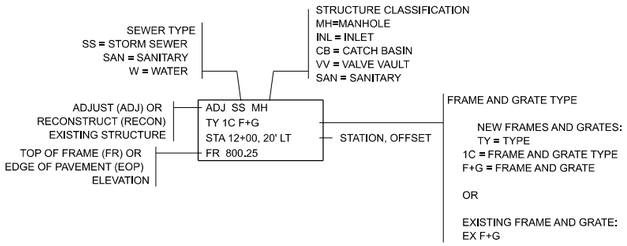
UNLESS OTHERWISE NOTED, THE LOCATIONS AND ELEVATIONS SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT FOR STRUCTURES IN THE CURB LINE. THE CONTRACTOR SHALL BE RESPOSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE LOCATED TO THE CENTER OF THE STRUCTURE.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED.

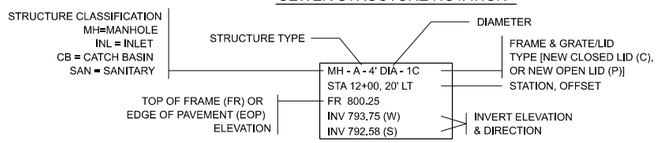
FRAME ADJUSTMENTS LOCATED IN THE PAVEMENT MAY NOT INCLUDE STATION AND OFFSET OR ELEVATION INFORMATION. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED.

STATIONS, OFFSETS, AND INVERT ELEVATIONS FOR FLARED END SECTIONS ARE GIVEN AT THE CENTERLINE OF THE OUTLET END OF THE FLARED END SECTION. THE FLARED END SECTION SHALL BE INSTALLED AT THE SAME SLOPE AS THE OUTLET PIPE.

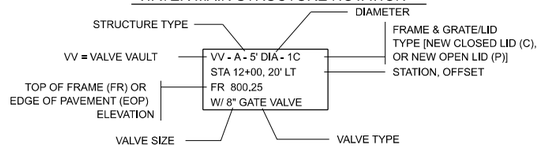
STRUCTURE ADJUSTMENTS/RECONSTRUCTION NOTATION



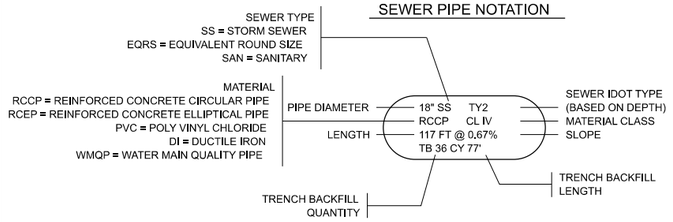
SEWER STRUCTURE NOTATION



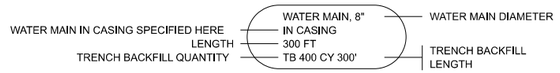
WATER MAIN STRUCTURE NOTATION



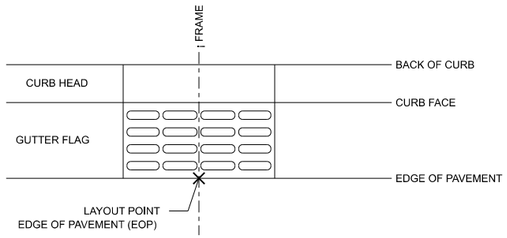
SEWER PIPE NOTATION



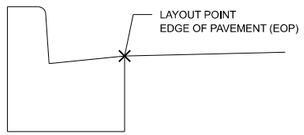
WATER MAIN PIPE NOTATION



TYPICAL STRUCTURE LAYOUT POINT (CURB + GUTTER LINE)



PLAN VIEW



CROSS SECTION @ ; FRAME

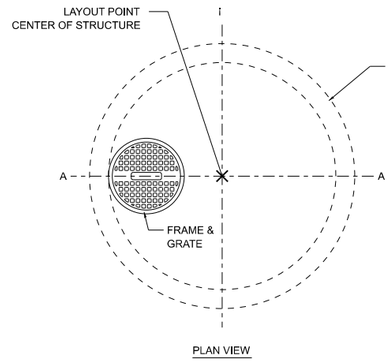
NOTES:

THE ABOVE SCHEMATIC DISPLAYS A TYPICAL CONDITION WHERE THE DIMENTIONS OF THE FRAME AND THE CURB & GUTTER CROSS SECTIONS MATCH. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSULT WITH THE ENGINEER REGARDING THE PLACEMENT OF OTHER FRAME TYPES WITHIN THE CURB & GUTTER LINE PRIOR TO STRUCTURE INSTALLATION.

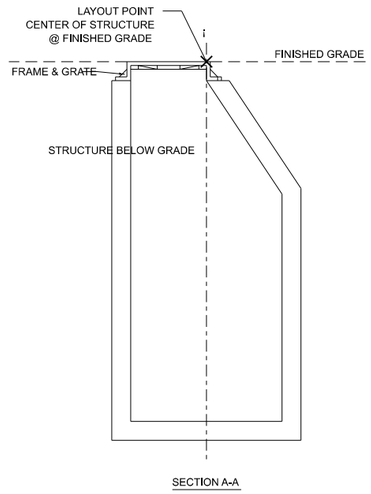
THE STRUCTURE ORIENTATION BELOW GRADE WITHIN A CURB & GUTTER LINE IS DEPENDANT ON THE FRAME & GRATE AND CURB & GUTTER TYPE SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THIS ORIENTATION SUCH THAT THE FRAME FITS WITHIN THE CURB & GUTTER LINE BASED ON THE GIVEN EDGE OF PAVEMENT LOCATION AND ELEVATION AS SPECIFIED AND APPROVED BY THE ENGINEER.

THIS SCHEMATIC DOES NOT CONSIDER GUTTER FLAG FLARE OUTS FOR CONDITIONS WHERE THE FRAME WIDTH IS WIDER THAN THE TYPICAL GUTTER WIDTH. EDGE OF PAVEMENT IS DEFINED AS THE EDGE OF PAVEMENT LOCATION AS SHOWN ON THE PLAN.

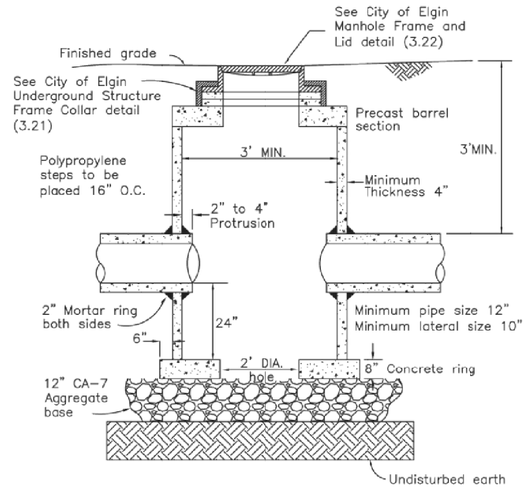
TYPICAL STRUCTURE LAYOUT POINT (OTHER LOCATIONS)



PLAN VIEW



SECTION A-A



Notes:
1. All openings shall be sealed with the use of concrete brick and mortar.
2. Mortar shall be dry and inspected prior to backfilling.
3. Pipe openings shall be cast into wall or cored.
4. All lifts holes shall be plugged.
5. All catch basins shall be open bottom unless otherwise specified on plans

1.23	Open Bottom Catch Basin Detail	SCALE: NTS	DRAWN BY: BAS
		DATE: SEPT 2016	REVISED: NOV 2020

MODEL: Default
FILE NAME: P:\2024\240683\Cadd02 Design\CADD_Sheets\240683-sht-drainage notes.dgn

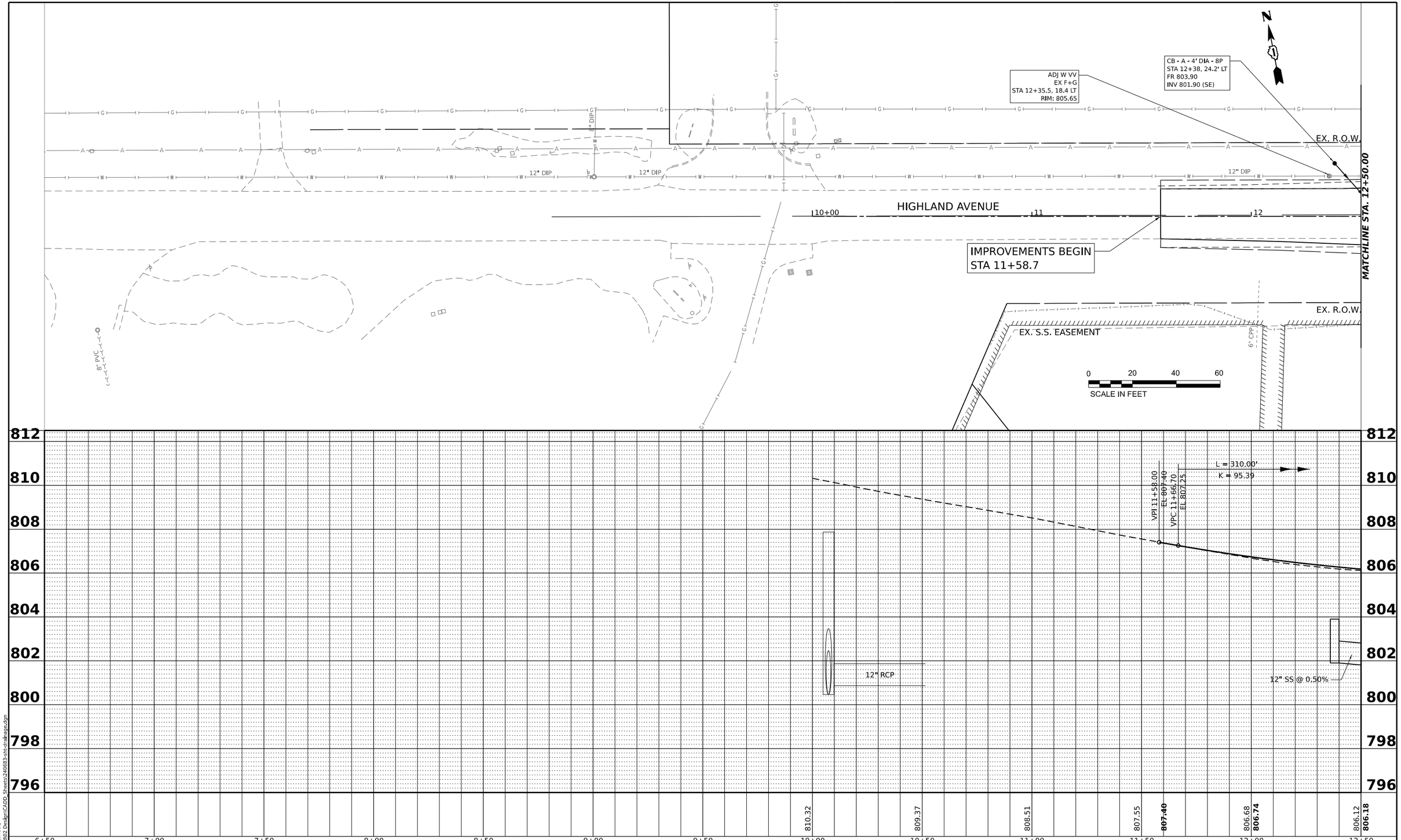
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	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.1667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
DRAINAGE NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	31
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			



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

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NO'S CHK'D
BY
DATE

MODEL: PrCL_Highland - Plan 1 [Sheet]
FILE NAME: P:\2024\240683\Cadd\02 Design\CADD_Sheets\240683-sht-drainage.dgn

HAMPTON, LENZINI AND RENWICK, INC.
1707 N. RANDALL ROAD, SUITE 100
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000909

USER NAME = knelms	DESIGNED - KRN	REVISED -
	DRAWN - KRN	REVISED -
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
DRAINAGE PLAN AND PROFILE: HIGHLAND AVENUE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	32
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

MATCHLINE STA. 12+50.00

MATCHLINE STA. 18+50.00

EX. R.O.W.

12" SS, TY 2 WMQ
PVC, CL B
29.3 FT @ 0.10%
TBF 3.2 CY 9.6'

10" PVC

CB - A - 4' DIA - 8P
STA 13+87.2, 37.1' LT
FR 802.60
INV 801.20 (S)

ADJ GAS VALVE
EX F+G
STA 14+88.9, 57.9 LT
RIM: 806.85

ADJ SAN MH
EX F+G
STA 15+04.7, 26.1 LT
RIM: 807.32

12" DIP

PVC CONNECTION BETWEEN PVC SS AND PVC UNDERDRAIN PIPE
STA 13+80.7, 8.6 LT

HIGHLAND AVENUE

13 14 15+00 16 17 18

PIPE UNDERDRAINS, TY 2, 12"
39 FT @ 0.10%

PIPE UNDERDRAINS, TY 2, 4"
116 FT @ 0.10%

ADJ SAN MH
EX F+G
STA 15+12.9, 41.6 RT
RIM: 807.11

24" SS, TY 2
RCCP, CL II
12 FT @ 0.6%
TBF 0 CY

15" RCP

12" SS, TY 2
RCCP, CL II
90 FT @ 0.50%
TBF 0.0 CY

CB - A - 4' DIA - 8P
STA 13+72.1, 29.4' RT
FR 805.00
INV 801.10 (NE, SW)

CB - A - 4' DIA - 8P
STA 14+98.8, 41.7' RT
FR 806.94
INV 801.77 (SW)

24" RCP

EX. S.S. EASEMENT

12" SS, TY 2
RCCP, CL II
6 FT @ 0.60%
TBF 4.9 CY 6.0'

CB - A - 4' DIA - 8P
STA 14+82.4, 26.0' RT
FR 806.30
INV 801.55 (NW, E)

12" SS, TY 2 WMQ
RCCP, CL II
67 FT @ 0.50%
TBF 11.5 CY 39.9'

15" SS, TY 2
RCCP, CL II
20 FT @ 0.50%
TBF 0.0 CY

CORE INTO EXSITING MANHOLE, 5' DIA
STA 13+67.9, 47.9 RT
RIM: 805.04
INV: 801.01 (NE)
INV: 800.99 (W, E)

MH - A - 5' DIA - 1C
STA 14+96.1, 47.1' RT
FR 807.38
INV 801.63 (E, W)
INV 801.73 (NE)

ADJ SAN MH
EX F+G
STA 14+96.5, 72.3 RT
RIM: 807.81

LYLE AVENUE

ADJ W VALVE BOX
EX F+G
STA 15+55.2, 57.9 LT
RIM: 807.30

ADJ SS MH
EX F+G
STA 16+54.4, 21.0 RT
RIM: 807.44

12" SS, TY 2 WMQ
RCCP, CL II
63 FT @ 0.43%
TBF 14.3 CY 38.4'

PIPE UNDERDRAINS, TY 2, 4"
41 FT @ 0.10%

12" SS, TY 2
RCCP, CL II
11 FT @ 0.60%
TBF 2.5 CY 3.2'

CB - A - 4' DIA - 8P
STA 15+56.5, 36.2' RT
FR 807.33
INV 801.89 (S)

12" SS, TY 2
RCCP, CL II
16 FT @ 0.20%
TBF 0.0 CY

MH - A - 5' DIA - 1C
STA 15+56.0, 47.1' RT
FR 807.57
INV 801.72 (E, W)
INV 801.82 (N)

CORE INTO EXISTING MANHOLE, 5' DIA
STA 16+98.8, 48.0 RT
RIM: 805.23
INV: 802.00 (N)
INV: 801.93 (W, E)
INV: 802.23 (SE)

CB - A - 4' DIA - 8P
STA 18+00.9, 29.7' LT
FR 804.90
INV 802.40 (S)

18" RCP

PIPE UNDERDRAINS, TY 2, 12"
102 FT @ 0.10%

CB - A - 4' DIA - 1P
STA 18+00.8, 32.9' RT
FR 806.80
INV 802.13 (N, W, E)

EX. S.S. EASEMENT
PIPE UNDERDRAINS, TY 2, 12"
119 FT @ 0.10%

EXPLORATORY TRENCH 10 FT

CB - A - 4' DIA - 1P
STA 16+99, 32.3' RT
FR 805.90
INV 802.03 (E, S)

0 20 40 60
SCALE IN FEET

N

PLAN
SURVEYED
PLOTTED
AS-BUILT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
CROSS-CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
DATE
BY

810 808 806 804 802 800 798 796 794

L = 310.00'
K = 95.39
VPT 14+76.70
EL 806.95

VPC 15+21.47
EL 807.63
L = 120.00'
K = 50.19
VPI 15+81.47
EL 808.55
+1.53%
-0.86%
HP 15+98.07
EL 808.22
L = 120.00'
K = 50.19
VPT 16+41.47
EL 808.01

VPC 16+99.96
EL 807.52
L = 180.00'
K = 69.72
-0.86%
+1.72%
LP 17+60.25
EL 807.26
VPI 17+89.96
EL 806.74

-1.72%
VPI 13+21.70
EL 804.58
LP 13+31.10
+1.53%
EL 805.84

12" SS @ 0.50%
12" SS
10" PVC
24" RCP
12" SS
24" RCP
12" SS
10" PVC
12" SS
18" RCP
18" RCP
12" RCP
12" SS @ 0.43%
12" PIPE UNDERDRAIN @ 0.10%
12" PIPE UNDERDRAIN @ 0.10%
12" RCP

806.12 **806.18** | 805.93 **805.89** | 805.94 **805.86** | 806.10 **806.09** | 806.49 **806.58** | 807.24 **807.30** | 807.91 **807.99** | 808.20 **808.22** | 807.94 **807.95** | 807.56 **807.52** | 807.40 **807.27** | 807.44 **807.38** | 807.86 **807.84**

12+50 13+00 13+50 14+00 14+50 15+00 15+50 16+00 16+50 17+00 17+50 18+00 18+50

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HAMPTON, LENZINI AND RENWICK, INC.
1707 N. RANDALL ROAD, SUITE 100
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000959

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
DRAINAGE PLAN AND PROFILE: HIGHLAND AVENUE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	33
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

MATCHLINE STA. 18+50.00

EX. R.O.W.

IMPROVEMENTS END
STA 23+93.5

HIGHLAND AVENUE

19 | 20+00 | 21 | 22 | 23

PIPE UNDERDRAINS, TY 2, 12"
10.7 FT @ 0.50%

12" SS, TY 2 WMQ
RCCP, CL II
72.4 FT @ 0.50%
TBF 11.6 CY 30.4'

CB - A - 4' DIA - 8P
STA 19+27.7, 25.3' RT
FR 805.50
INV 802.37 (E)
INV 802.30 (SW)

CB - A - 4' DIA - 8P
STA 20+00, 21.5' RT
FR 807.66
INV 802.73 (W)

CB - A - 4' DIA - 8P
STA 19+20.2, 33.2' RT
FR 804.50
INV 802.25 (W)
INV 802.25 (NE)

CB - A - 4' DIA - 8P
STA 23+50, 21.0' RT
FR 809.57
INV 806.26 (E)

CB - A - 4' DIA - P
STA 23+76, 21.0' RT
FR 810.43
INV 806.13 (SE, W)

PIPE UNDERDRAINS, TY 2, 12"
26 FT @ 0.50%

PIPE UNDERDRAINS, TY 2, 12"
25 FT @ 0.50%

CORE INTO EXISTING CATCH BASIN, 4' DIA
STA 23+93.0 39.6 RT
RIM: 809.48 INV: 806.00 (NW)

9" DIP - W

12" RCP

7" RCP

8" DIP - W

18" DIP - W

4"

0 20 40 60
SCALE IN FEET

N

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NO/ATTNS CHKD
NOTE BOOK
NO.
BY
DATE

L = 180.00'
K = 69.72
VPT 18+79.96
EL 808.29
VPI 18+85.10
EL 808.38

12" PIPE UNDERDRAIN @ 0.10%
12" PIPE UNDERDRAIN @ 0.50%
12" SS @ 0.50%
12" PIPE UNDERDRAIN @ 0.50%
12" RCP
12" PIPE UNDERDRAIN @ 0.50%
12" RCP

807.86 | **807.84** | **808.38** | 808.62 | 809.41 | 810.52 | 811.78 | 812.52 | 812.76 | 812.56 | 812.06 | 811.66 | 811.20

18+50 | 19+00 | 19+50 | 20+00 | 20+50 | 21+00 | 21+50 | 22+00 | 22+50 | 23+00 | 23+50

816 | 814 | 812 | 810 | 808 | 806 | 804 | 802 | 800

MODEL: PrCL_HighLand - Plan 3 [Sheet]
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HAMPTON, LENZINI AND RENWICK, INC.
1707 N. RANDALL ROAD, SUITE 100
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000959

USER NAME = knelms	DESIGNED - KRN	REVISED -
	DRAWN - KRN	REVISED -
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

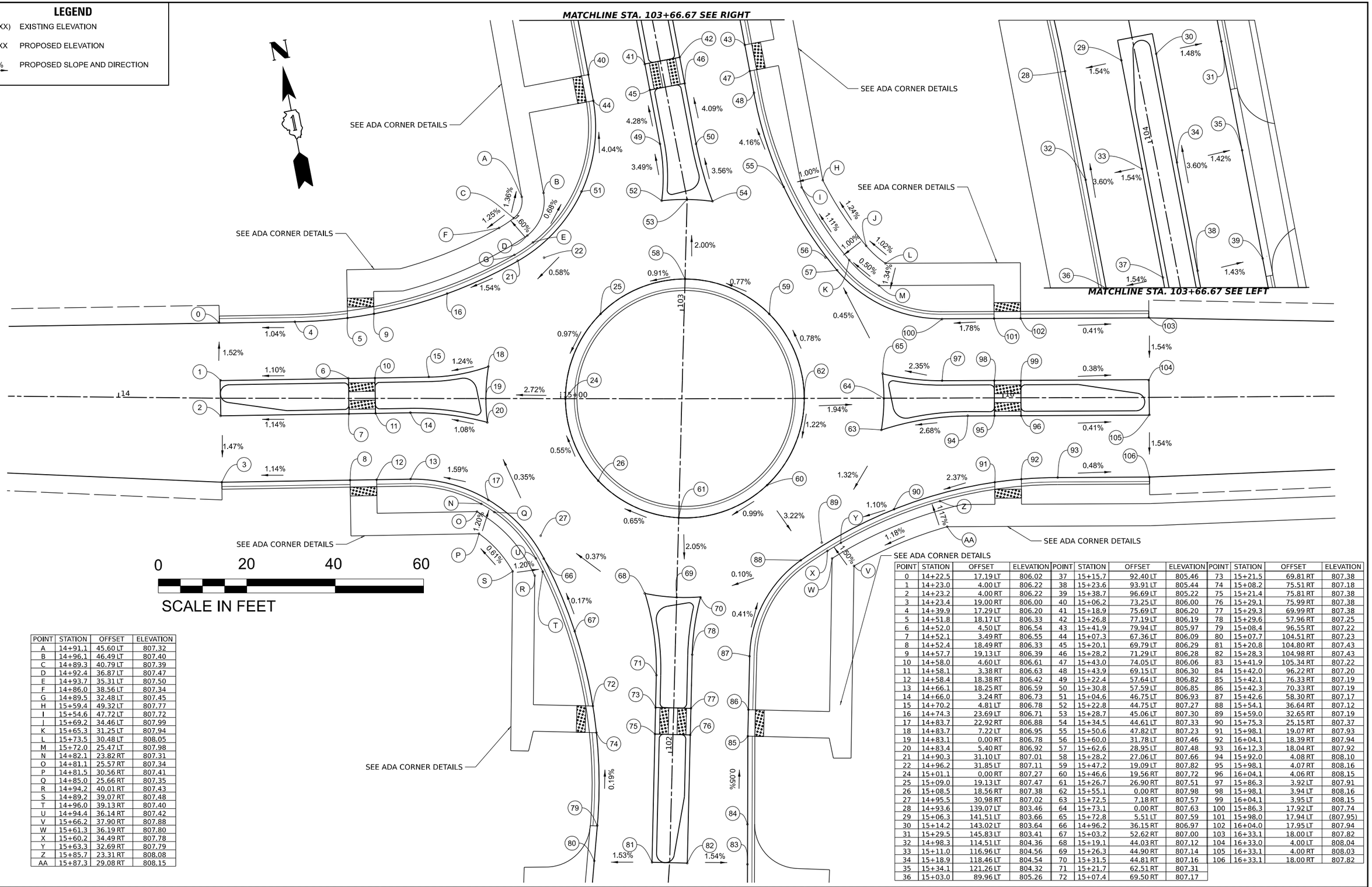
HIGHLAND AVE AT LYLE AVE ROUNDABOUT
DRAINAGE PLAN AND PROFILE: HIGHLAND AVENUE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	34
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

LEGEND

(XXX.XX)	EXISTING ELEVATION
XXX.XX	PROPOSED ELEVATION
X.X%	PROPOSED SLOPE AND DIRECTION



POINT	STATION	OFFSET	ELEVATION
A	14+91.1	45.60 LT	807.32
B	14+96.1	46.49 LT	807.40
C	14+89.3	40.79 LT	807.39
D	14+92.4	36.87 LT	807.47
E	14+93.7	35.31 LT	807.50
F	14+86.0	38.56 LT	807.34
G	14+89.5	32.48 LT	807.45
H	15+59.4	49.32 LT	807.77
I	15+54.6	47.72 LT	807.72
J	15+69.2	34.46 LT	807.99
K	15+65.3	31.25 LT	807.94
L	15+73.5	30.48 LT	808.05
M	15+72.0	25.47 LT	807.98
N	14+82.1	23.82 RT	807.31
O	14+81.1	25.57 RT	807.34
P	14+81.5	30.56 RT	807.41
Q	14+85.0	25.66 RT	807.35
R	14+94.2	40.01 RT	807.43
S	14+89.2	39.07 RT	807.48
T	14+96.0	39.13 RT	807.40
U	14+94.4	36.14 RT	807.42
V	15+66.2	37.90 RT	807.88
W	15+61.3	36.19 RT	807.80
X	15+60.2	34.49 RT	807.78
Y	15+63.3	32.69 RT	807.79
Z	15+85.7	23.31 RT	808.08
AA	15+87.3	29.08 RT	808.15

POINT	STATION	OFFSET	ELEVATION	POINT	STATION	OFFSET	ELEVATION	POINT	STATION	OFFSET	ELEVATION
0	14+22.5	17.19 LT	806.02	37	15+15.7	92.40 LT	805.46	73	15+21.5	69.81 RT	807.38
1	14+23.0	4.00 LT	806.22	38	15+23.6	93.91 LT	805.44	74	15+08.2	75.51 RT	807.18
2	14+23.2	4.00 RT	806.22	39	15+38.7	96.69 LT	805.22	75	15+21.4	75.81 RT	807.38
3	14+23.4	19.00 RT	806.00	40	15+06.2	73.25 LT	806.00	76	15+29.1	75.99 RT	807.38
4	14+39.9	17.29 LT	806.20	41	15+18.9	75.69 LT	806.20	77	15+29.3	69.99 RT	807.38
5	14+51.8	18.17 LT	806.33	42	15+26.8	77.19 LT	806.19	78	15+29.6	57.96 RT	807.25
6	14+52.0	4.50 LT	806.54	43	15+41.9	79.94 LT	805.97	79	15+08.4	96.55 RT	807.22
7	14+52.1	3.49 RT	806.55	44	15+07.3	67.36 LT	806.09	80	15+07.7	104.51 RT	807.23
8	14+52.4	18.49 RT	806.33	45	15+20.1	69.79 LT	806.29	81	15+20.8	104.80 RT	807.43
9	14+57.7	19.13 LT	806.39	46	15+28.2	71.29 LT	806.28	82	15+28.3	104.98 RT	807.43
10	14+58.0	4.60 LT	806.61	47	15+43.0	74.05 LT	806.06	83	15+41.9	105.34 RT	807.22
11	14+58.1	3.38 RT	806.63	48	15+43.9	69.15 LT	806.30	84	15+42.0	96.22 RT	807.20
12	14+58.4	18.38 RT	806.42	49	15+22.4	57.64 LT	806.82	85	15+42.1	76.33 RT	807.19
13	14+66.1	18.25 RT	806.59	50	15+30.8	57.59 LT	806.85	86	15+42.3	70.33 RT	807.19
14	14+66.0	3.24 RT	806.73	51	15+04.6	46.75 LT	806.93	87	15+42.6	58.30 RT	807.17
15	14+70.2	4.81 LT	806.78	52	15+22.8	44.75 LT	807.27	88	15+54.1	36.64 RT	807.12
16	14+74.3	23.69 LT	806.71	53	15+28.7	45.06 LT	807.30	89	15+59.0	32.65 RT	807.19
17	14+83.7	22.92 RT	806.88	54	15+34.5	44.61 LT	807.33	90	15+75.3	25.15 RT	807.37
18	14+83.7	7.22 LT	806.95	55	15+50.6	47.82 LT	807.23	91	15+98.1	19.07 RT	807.93
19	14+83.1	0.00 RT	806.78	56	15+60.0	31.78 LT	807.46	92	16+04.1	18.39 RT	807.94
20	14+83.4	5.40 RT	806.92	57	15+62.6	28.95 LT	807.48	93	16+12.3	18.04 RT	807.92
21	14+90.3	31.10 LT	807.01	58	15+28.2	27.06 LT	807.66	94	15+92.0	4.08 RT	808.10
22	14+96.2	31.85 LT	807.11	59	15+47.2	19.09 LT	807.82	95	15+98.1	4.07 RT	808.16
24	15+01.1	0.00 RT	807.27	60	15+46.6	19.56 RT	807.72	96	16+04.1	4.06 RT	808.15
25	15+09.0	19.13 LT	807.47	61	15+26.7	26.90 RT	807.51	97	15+86.3	3.92 LT	807.91
26	15+08.5	18.56 RT	807.38	62	15+55.1	0.00 RT	807.98	98	15+98.1	3.94 LT	808.16
27	14+95.5	30.98 RT	807.02	63	15+72.5	7.18 RT	807.57	99	16+04.1	3.95 LT	808.15
28	14+93.6	139.07 LT	803.46	64	15+73.1	0.00 RT	807.63	100	15+86.3	17.92 LT	807.74
29	15+06.3	141.51 LT	803.66	65	15+72.8	5.51 LT	807.59	101	15+98.0	17.94 LT	(807.95)
30	15+14.2	143.02 LT	803.64	66	14+96.2	36.15 RT	806.97	102	16+04.0	17.95 LT	807.94
31	15+29.5	145.83 LT	803.41	67	15+03.2	52.62 RT	807.00	103	16+33.1	18.00 LT	807.82
32	14+98.3	114.51 LT	804.36	68	15+19.1	44.03 RT	807.12	104	16+33.0	4.00 LT	808.04
33	15+11.0	116.96 LT	804.56	69	15+26.3	44.90 RT	807.14	105	16+33.1	4.00 RT	808.03
34	15+18.9	118.46 LT	804.54	70	15+31.5	44.81 RT	807.16	106	16+33.1	18.00 RT	807.82
35	15+34.1	121.26 LT	804.32	71	15+21.7	62.51 RT	807.31				
36	15+03.0	89.96 LT	805.26	72	15+07.4	69.50 RT	807.17				

MODEL: PrCL_Highland - Plan 2-1 [Sheet]
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USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**	**HIGHLAND AVE AT LYLE AVE ROUNDABOUT**	
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**		
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -		SCALE:	SHEET 0 OF SHEETS STA. TO STA.
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	35
		CONTRACT NO. 61M33		
		ILLINOIS FED. AID PROJECT		

LEGEND

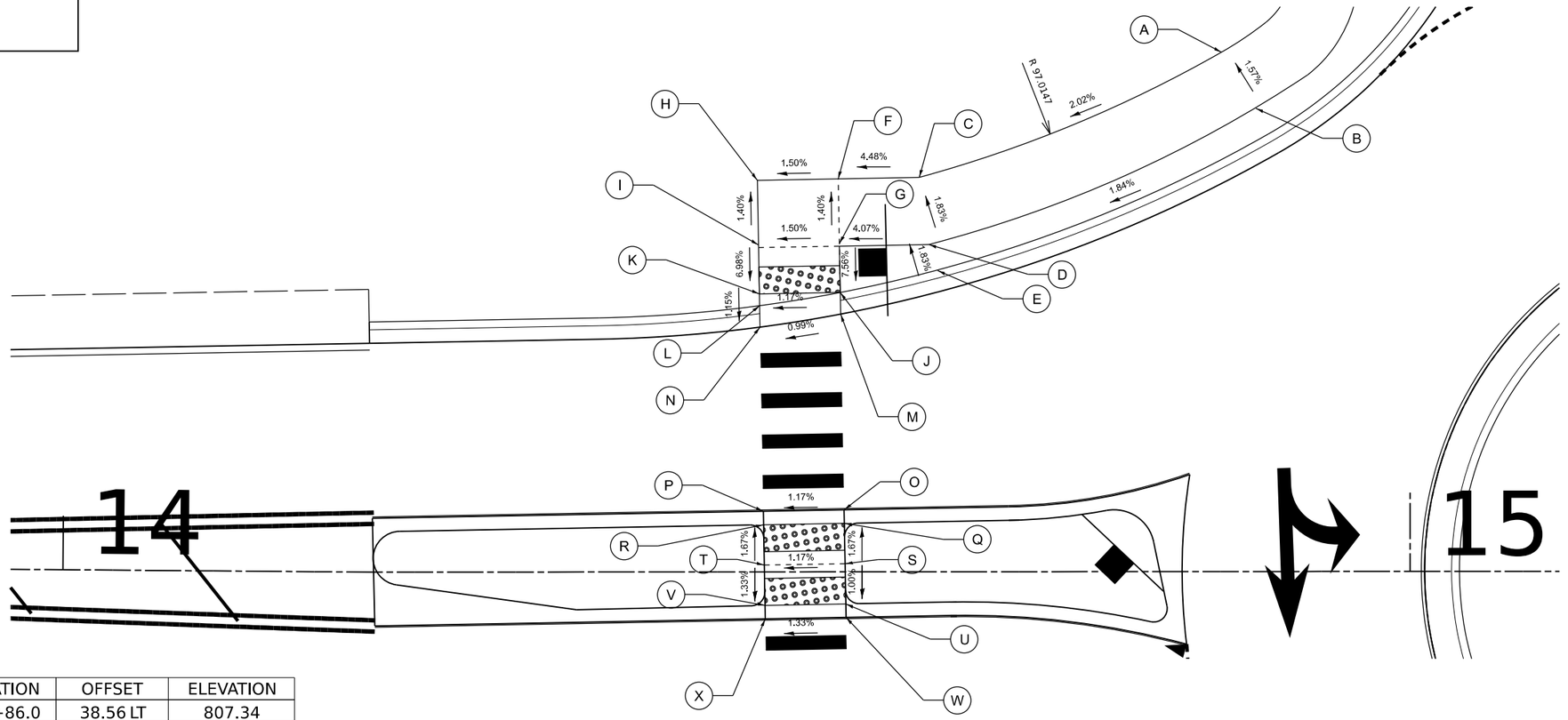
(XXX.XX)	EXISTING ELEVATION
XXX.XX	PROPOSED ELEVATION
X.X%	PROPOSED SLOPE AND DIRECTION
- - - - -	SIDEWALK JOINT

HIGHLAND AVENUE

LYLE AVENUE

N

1"=5'



POINT	STATION	OFFSET	ELEVATION
A	14+86.0	38.56 LT	807.34
B	14+88.4	34.35 LT	807.40
C	14+63.6	29.29 LT	806.85
D	14+64.3	24.30 LT	806.92
E	14+64.8	22.37 LT	806.96
F	14+57.6	29.18 LT	806.58
G	14+57.7	24.18 LT	806.65
H	14+51.6	29.08 LT	806.49
I	14+51.7	24.08 LT	806.56
J	14+57.7	20.74 LT	806.39
K	14+51.7	20.64 LT	806.32
L	14+51.7	19.77 LT	806.33
M	14+57.7	19.13 LT	806.39
N	14+51.8	18.17 LT	806.33
O	14+58.0	4.60 LT	806.61
P	14+52.0	4.50 LT	806.54
Q	14+58.0	3.60 LT	806.61
R	14+52.0	3.50 LT	806.54
S	14+58.1	0.61 LT	806.66
T	14+52.1	0.51 LT	806.59
U	14+58.1	2.38 RT	806.63
V	14+52.1	2.49 RT	806.55
W	14+58.1	3.38 RT	806.63
X	14+52.1	3.49 RT	806.55

MODEL: Default
FILE NAME: P:\2024\240683\Cad\02 Design\CADD Sheets\240683-sht-ADA 01a.dgn

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
ADA DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	36
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

LEGEND

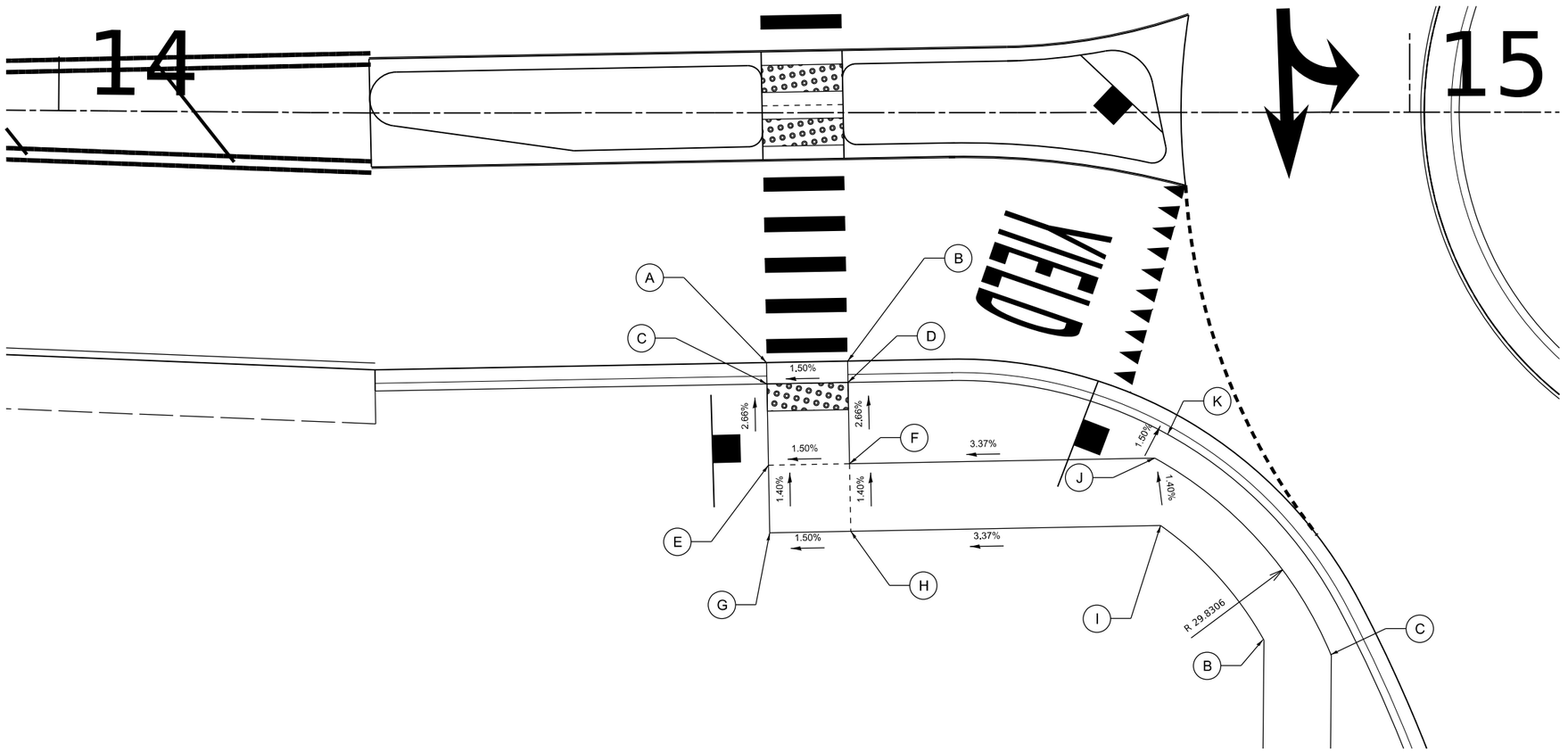
(XXX.XX)	EXISTING ELEVATION
XXX.XX	PROPOSED ELEVATION
X.X%	PROPOSED SLOPE AND DIRECTION
- - - - -	SIDEWALK JOINT

HIGHLAND AVENUE

POINT	STATION	OFFSET	ELEVATION
A	14+52.4	18.49 RT	806.33
B	14+58.4	18.38 RT	806.42
C	14+52.4	20.07 RT	806.33
D	14+58.4	19.96 RT	806.42
E	14+52.5	26.09 RT	806.49
F	14+58.5	25.98 RT	806.58
G	14+52.6	31.09 RT	806.56
H	14+58.6	30.98 RT	806.65
I	14+81.5	30.56 RT	807.41
J	14+81.1	25.57 RT	807.34
K	14+82.1	23.82 RT	806.31

N

1"=5'



MODEL: Default
FILE NAME: P:\2024\240683\Cad\02 Design\CADD Sheets\240683-sht-ADA 01b.dgn

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
ADA DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	37
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

LEGEND

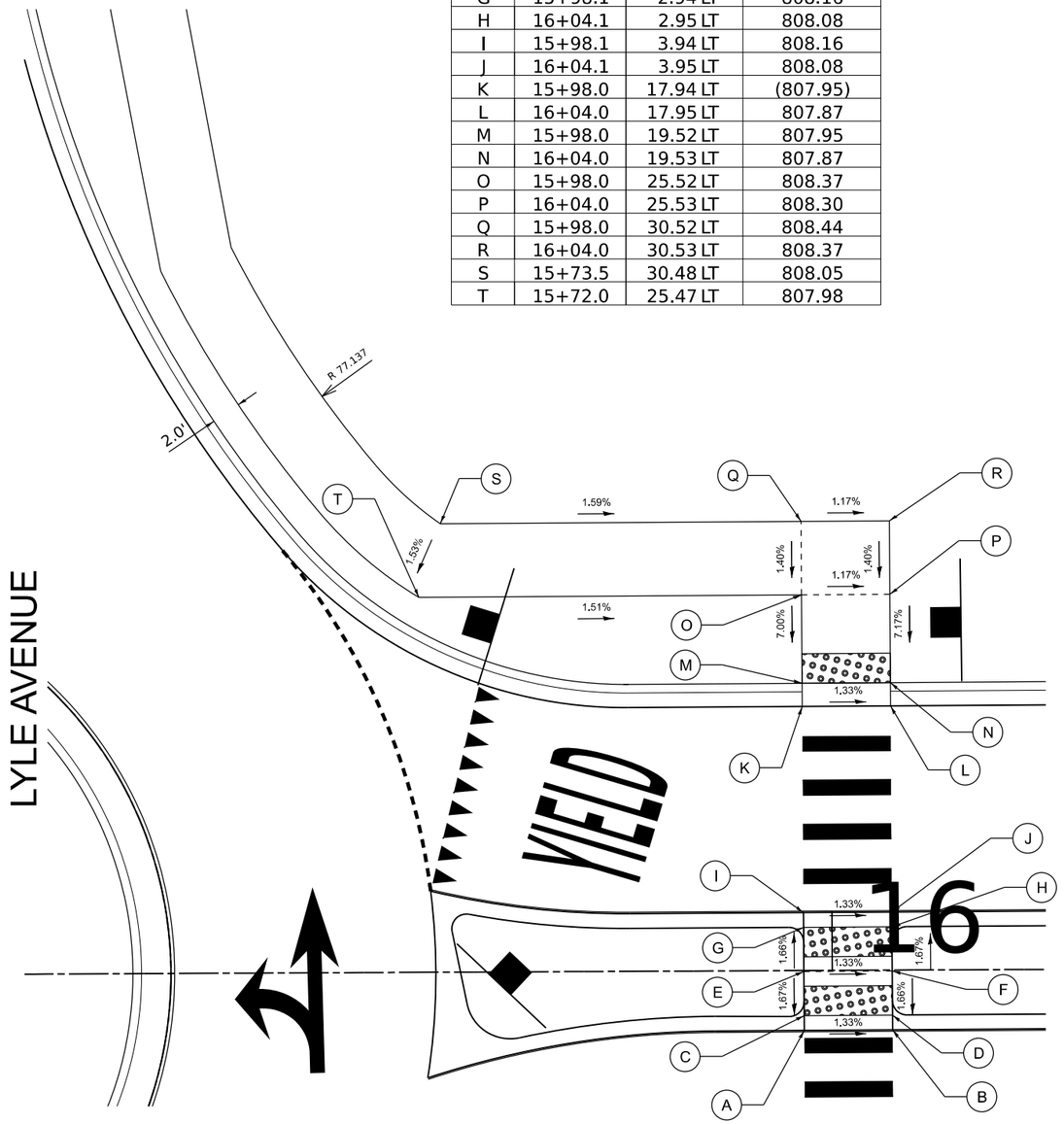
(XXX.XX)	EXISTING ELEVATION
XXX.XX	PROPOSED ELEVATION
X.X%	PROPOSED SLOPE AND DIRECTION
- - - - -	SIDEWALK JOINT

HIGHLAND AVENUE

N

1"=5'

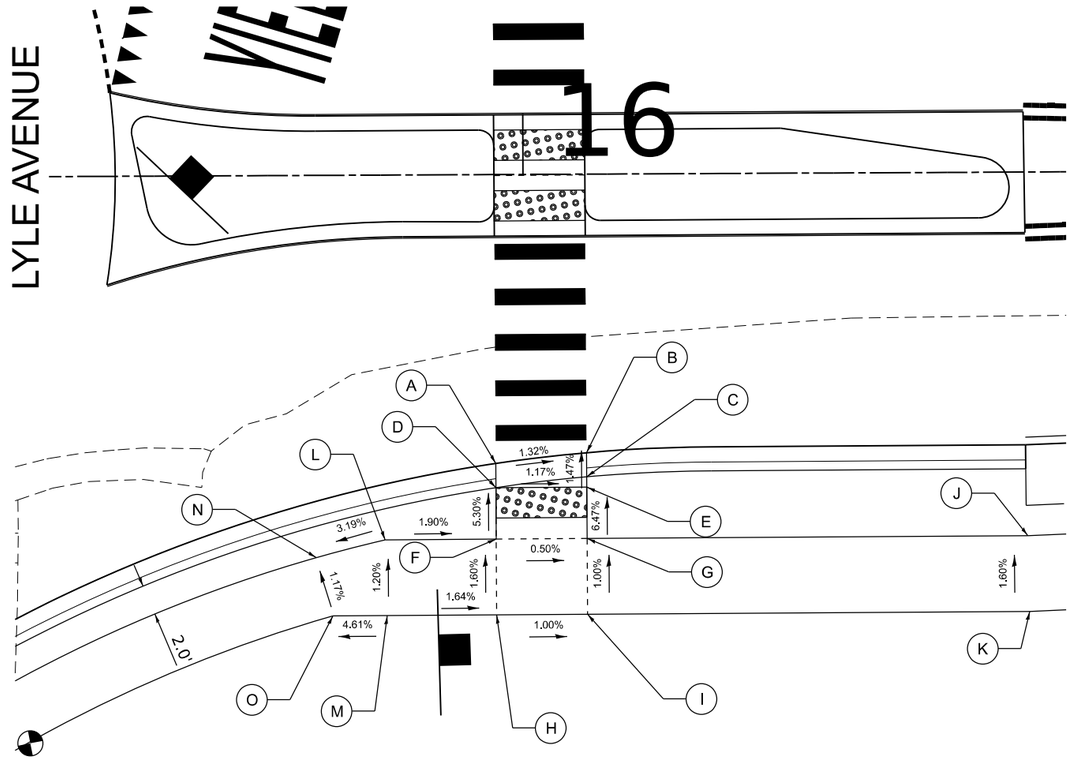
POINT	STATION	OFFSET	ELEVATION
A	15+98.1	4.07 RT	808.16
B	16+04.1	4.06 RT	808.08
C	15+98.1	3.07 RT	808.16
D	16+04.1	3.06 RT	808.08
E	15+98.1	0.07 RT	808.21
F	16+04.1	0.05 RT	808.13
G	15+98.1	2.94 LT	808.16
H	16+04.1	2.95 LT	808.08
I	15+98.1	3.94 LT	808.16
J	16+04.1	3.95 LT	808.08
K	15+98.0	17.94 LT	(807.95)
L	16+04.0	17.95 LT	807.87
M	15+98.0	19.52 LT	807.95
N	16+04.0	19.53 LT	807.87
O	15+98.0	25.52 LT	808.37
P	16+04.0	25.53 LT	808.30
Q	15+98.0	30.52 LT	808.44
R	16+04.0	30.53 LT	808.37
S	15+73.5	30.48 LT	808.05
T	15+72.0	25.47 LT	807.98



HIGHLAND AVENUE

N

1"=5'



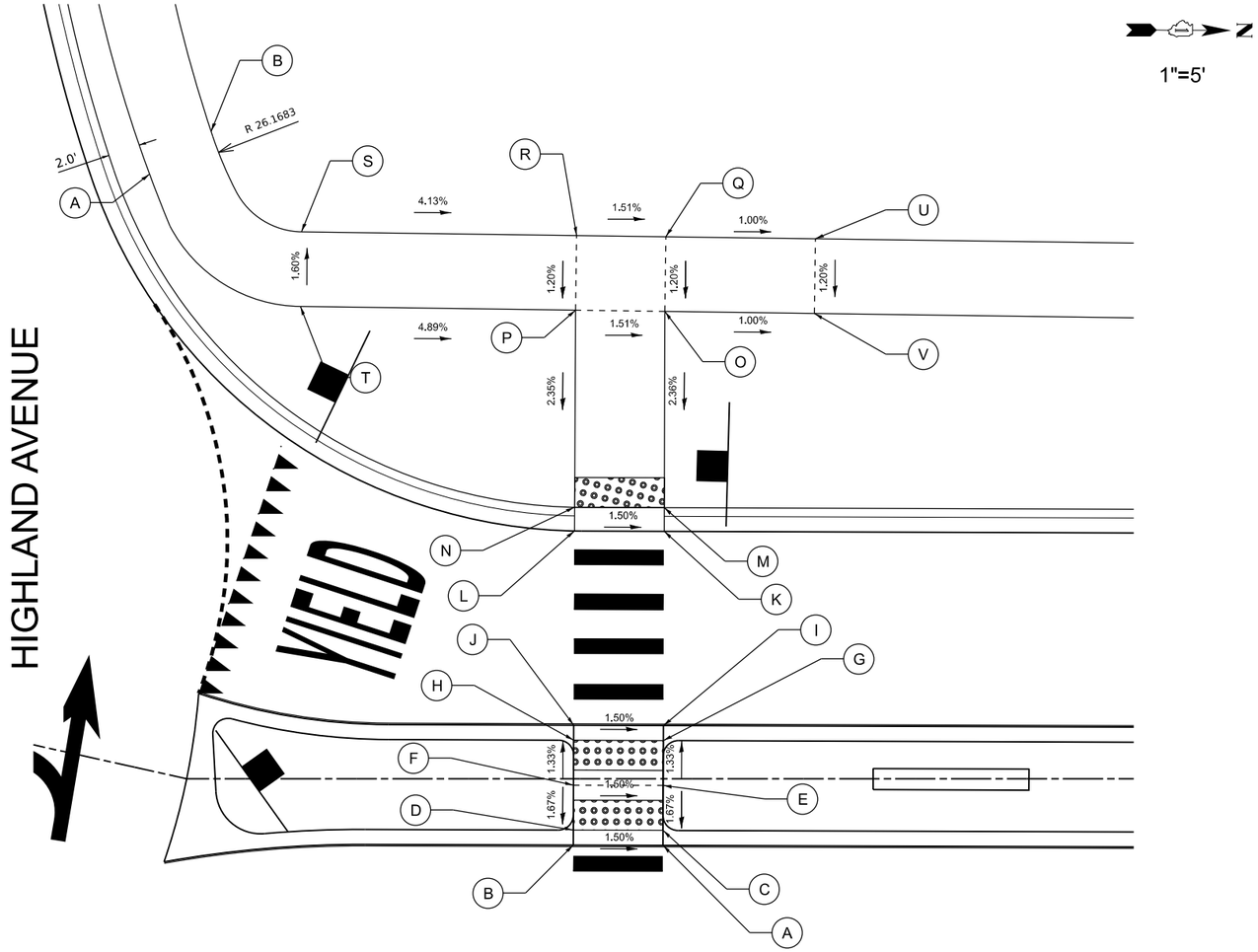
POINT	STATION	OFFSET	ELEVATION
A	15+98.1	19.07 RT	807.93
B	16+04.1	18.39 RT	807.85
C	16+04.1	19.98 RT	807.85
D	15+98.1	20.67 RT	807.93
E	16+04.1	20.65 RT	807.86
F	15+98.1	24.06 RT	808.11
G	16+04.1	24.05 RT	808.08
H	15+98.1	29.06 RT	(808.19)
I	16+04.1	29.05 RT	808.13
J	16+33.1	24.00 RT	807.20
K	16+33.2	29.00 RT	(807.28)
L	15+90.8	24.10 RT	808.25
M	15+90.8	29.08 RT	808.31
N	15+86.2	25.23 RT	808.10
O	15+87.3	29.08 RT	808.15

MODEL: Default
FILE NAME: P:\2024\240683\Cad\02 Design\CADD Sheets\240683-sht-ADA 02.dgn

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**	**HIGHLAND AVE AT LYLE AVE ROUNDABOUT**	
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**ADA DETAILS**	
PLOT SCALE = 10.0000 ' / in.	CHECKED - KKS	REVISED -		SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	38
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

LYLE AVENUE



1"=5'

LEGEND

(XXX.XX)	EXISTING ELEVATION
XXX.XX	PROPOSED ELEVATION
X.X%	PROPOSED SLOPE AND DIRECTION
- - - -	SIDEWALK JOINT

POINT	STATION	OFFSET	ELEVATION
A	103+56.9	4.46 RT	806.19
B	103+50.9	4.44 RT	806.28
C	103+56.9	3.46 RT	806.25
D	103+50.9	3.44 RT	806.34
E	103+56.9	0.45 RT	806.30
F	103+50.9	0.43 RT	806.39
G	103+56.9	2.56 LT	806.26
H	103+50.9	2.58 LT	806.35
I	103+56.9	3.56 LT	806.20
J	103+50.9	3.58 LT	806.29
K	103+57.0	16.56 LT	806.00
L	103+50.8	16.53 LT	806.09
M	103+57.0	18.14 LT	806.10
N	103+51.0	18.16 LT	806.19
O	103+57.0	31.27 LT	806.41
P	103+51.1	31.35 LT	806.50
Q	103+57.1	36.27 LT	806.47
R	103+51.1	36.35 LT	806.56
S	103+32.7	36.60 LT	807.32
T	103+32.7	31.60 LT	807.40
U	103+67.1	36.13 LT	806.37
V	103+67.0	31.13 LT	806.31

MODEL: Default
FILE NAME: P:\2024\240683\Cad\02 Design\CADD Sheets\240683-cht-ADA 03a.dgn

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
ADA DETAILS

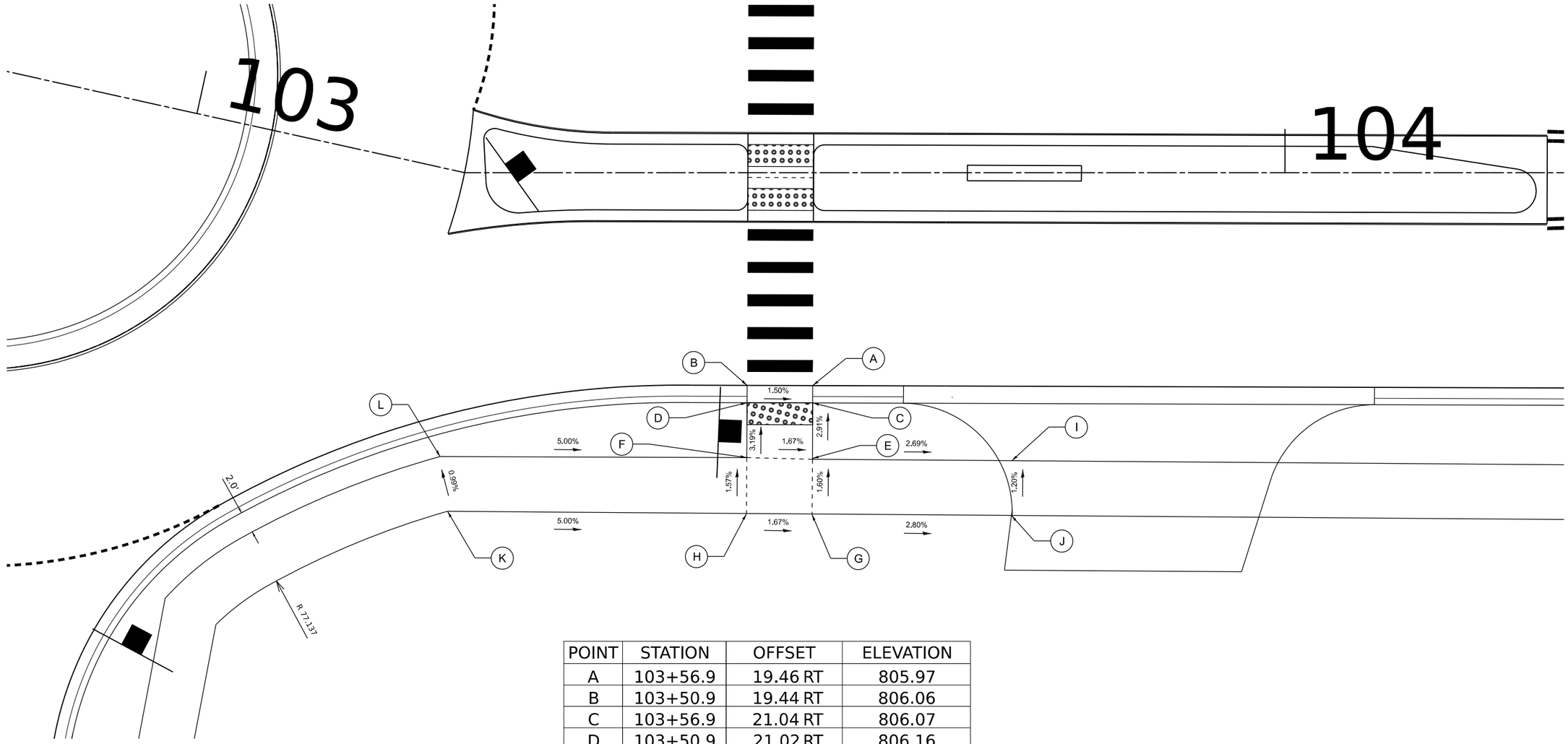
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	39
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

LYLE AVENUE

HIGHLAND AVENUE

1"=5'



POINT	STATION	OFFSET	ELEVATION
A	103+56.9	19.46 RT	805.97
B	103+50.9	19.44 RT	806.06
C	103+56.9	21.04 RT	806.07
D	103+50.9	21.02 RT	806.16
E	103+56.8	26.18 RT	806.22
F	103+50.8	26.03 RT	806.32
G	103+56.8	31.18 RT	806.30
H	103+50.8	31.14 RT	806.40
I	103+75.0	26.32 RT	805.73
J	103+75.0	31.32 RT	(805.79)
K	103+25.1	30.98 RT	807.77
L	103+25.1	26.04 RT	807.72

LEGEND

(XXX.XX)	EXISTING ELEVATION
XXX.XX	PROPOSED ELEVATION
X.X% →	PROPOSED SLOPE AND DIRECTION
- - - - -	SIDEWALK JOINT

MODEL: Default
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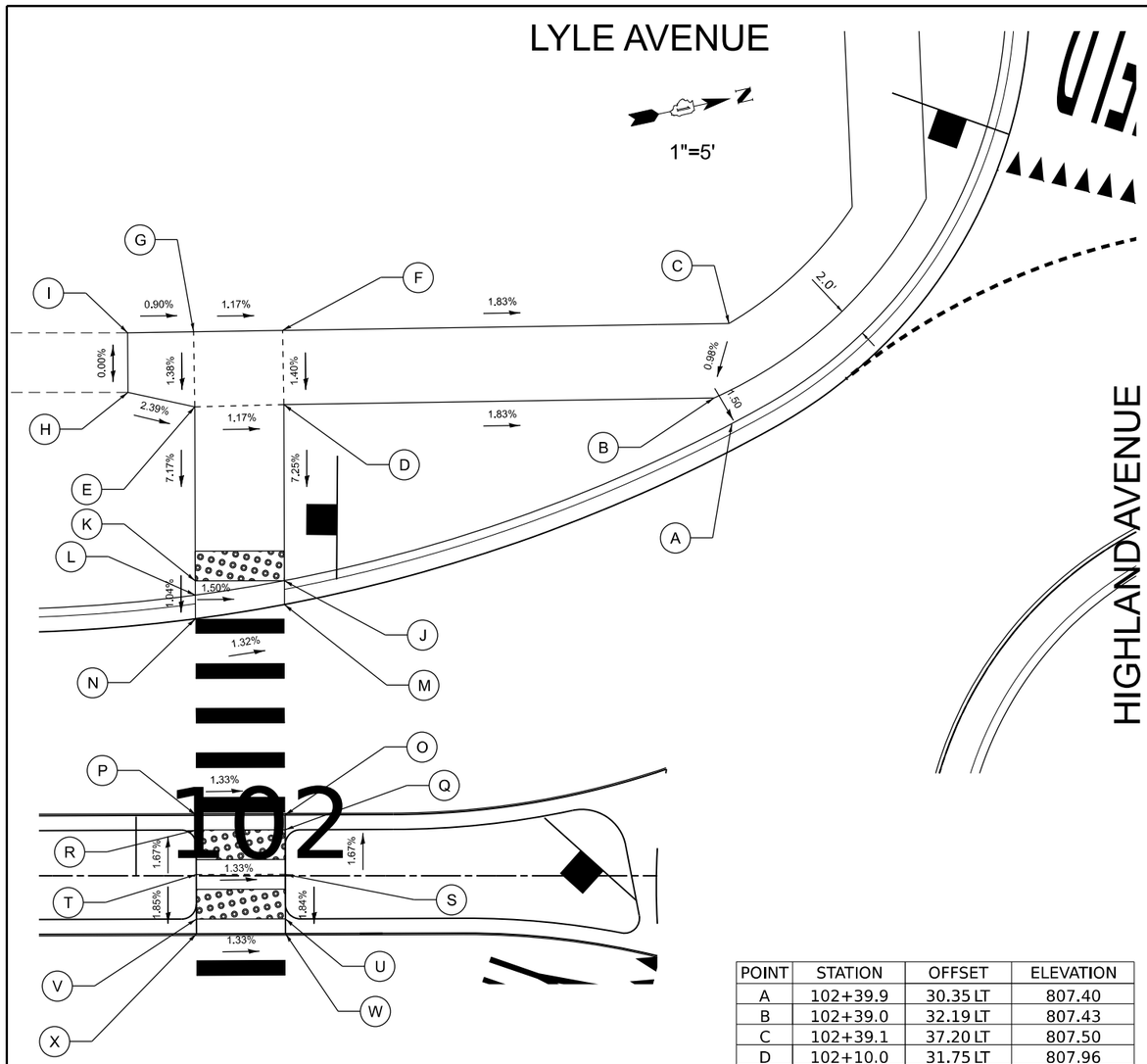
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	DRAWN - KRN	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

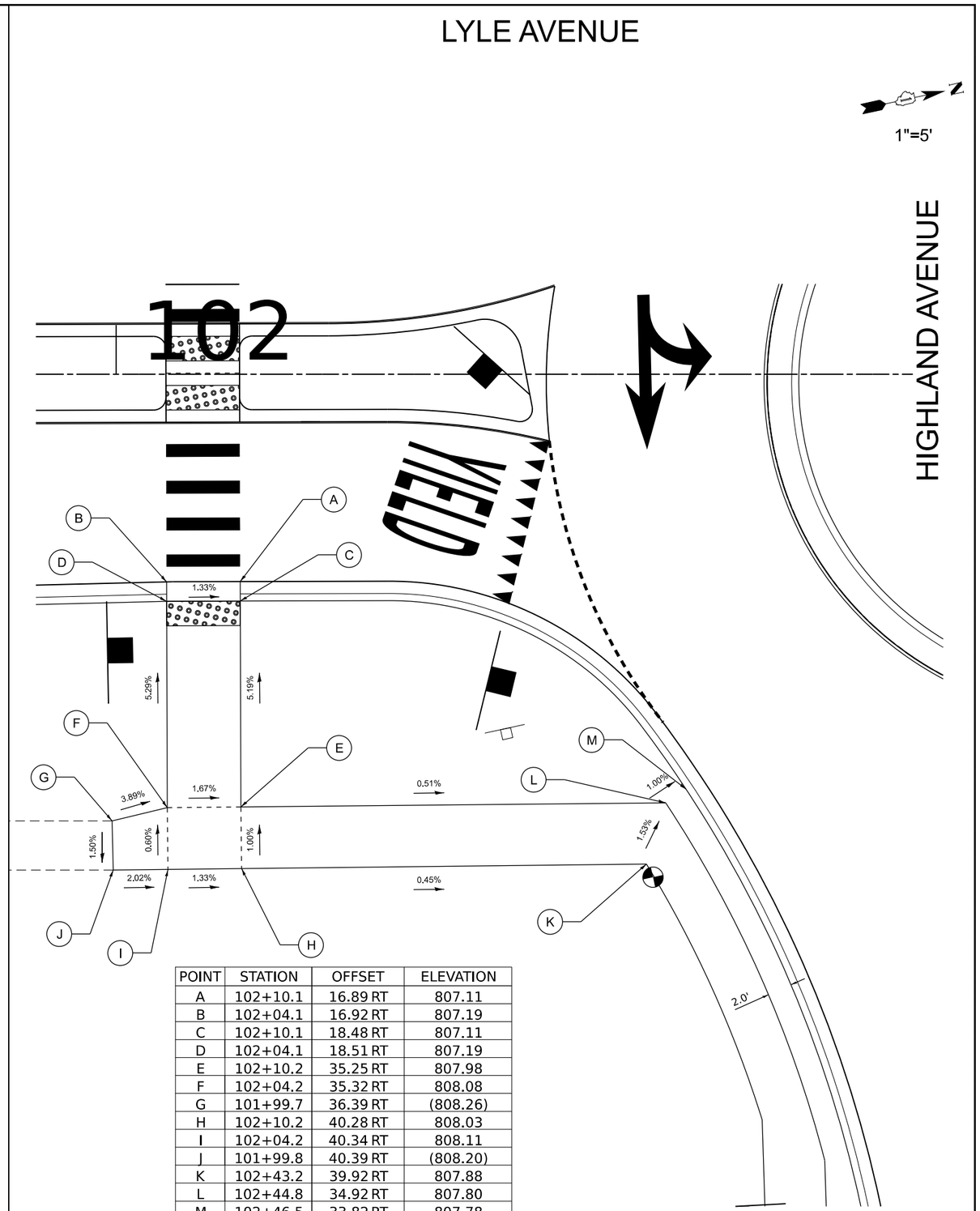
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
ADA DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	40
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	





POINT	STATION	OFFSET	ELEVATION
A	102+39.9	30.35 LT	807.40
B	102+39.0	32.19 LT	807.43
C	102+39.1	37.20 LT	807.50
D	102+10.0	31.75 LT	807.96
E	102+04.0	31.60 LT	808.03
F	102+09.9	36.75 LT	808.03
G	102+03.9	36.66 LT	808.10
H	101+99.5	32.57 LT	(808.14)
I	101+99.4	36.59 LT	(808.14)
J	102+10.0	19.89 LT	807.10
K	102+04.0	19.87 LT	807.19
L	102+04.0	18.92 LT	807.18
M	102+10.0	18.28 LT	807.10
N	102+04.0	17.32 LT	807.18
O	102+10.0	4.11 LT	807.30
P	102+04.0	4.09 LT	807.38
Q	102+10.0	3.11 LT	807.30
R	102+04.0	3.09 LT	807.38
S	102+10.1	0.11 LT	807.35
T	102+04.1	0.09 LT	807.43
U	102+10.1	2.89 RT	807.30
V	102+04.1	2.91 RT	807.38
W	102+10.1	3.89 RT	807.30
X	102+04.1	3.91 RT	807.38

POINT	STATION	OFFSET	ELEVATION
A	102+10.1	16.89 RT	807.11
B	102+04.1	16.92 RT	807.19
C	102+10.1	18.48 RT	807.11
D	102+04.1	18.51 RT	807.19
E	102+10.2	35.25 RT	807.98
F	102+04.2	35.32 RT	808.08
G	101+99.7	36.39 RT	(808.26)
H	102+10.2	40.28 RT	808.03
I	102+04.2	40.34 RT	808.11
J	101+99.8	40.39 RT	(808.20)
K	102+43.2	39.92 RT	807.88
L	102+44.8	34.92 RT	807.80
M	102+46.5	33.82 RT	807.78

LEGEND

(XXX.XX)	EXISTING ELEVATION
XXX.XX	PROPOSED ELEVATION
X.X% →	PROPOSED SLOPE AND DIRECTION
- - - -	SIDEWALK JOINT

MODEL: Default
FILE NAME: P:\2024\240683\Cadd\02 Design\CADD Sheets\240683-sht-ADA 04.dgn

USER NAME = knelms	DESIGNED - KRN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHLAND AVE AT LYLE AVE ROUNDABOUT ADA DETAILS	
	DRAWN - KRN	REVISED -			
PLOT SCALE = 10.0000 ' / in.	CHECKED - KKS	REVISED -			
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -		SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	41
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

LEGEND

(XXX.XX)	EXISTING ELEVATION
XXX.XX	PROPOSED ELEVATION
X.X%	PROPOSED SLOPE AND DIRECTION
- - - -	SIDEWALK JOINT

POINT	STATION	OFFSET		ELEVATION
A	23+74.3	26.60	RT	810.26
B	23+74.4	31.58	RT	810.18
C	23+79.3	27.73	RT	810.04
D	23+79.4	31.73	RT	809.98
E	23+83.4	27.73	RT	809.98
F	23+83.4	31.73	RT	809.92
G	23+80.5	36.26	RT	(810.11)
H	23+84.0	35.56	RT	(810.08)
I	23+88.0	27.73	RT	809.63
J	23+88.0	31.73	RT	809.60
K	23+90.2	31.73	RT	809.56
L	23+90.5	27.73	RT	(809.63)
M	23+92.4	31.74	RT	809.56
N	23+85.5	24.60	RT	(810.15)
O	23+87.1	23.19	RT	(809.74)
P	23+91.5	35.75	RT	(809.99)
Q	23+93.5	35.27	RT	(809.53)

N

1"=5'

23

HIGHLAND AVENUE

THOMAS MORE DR

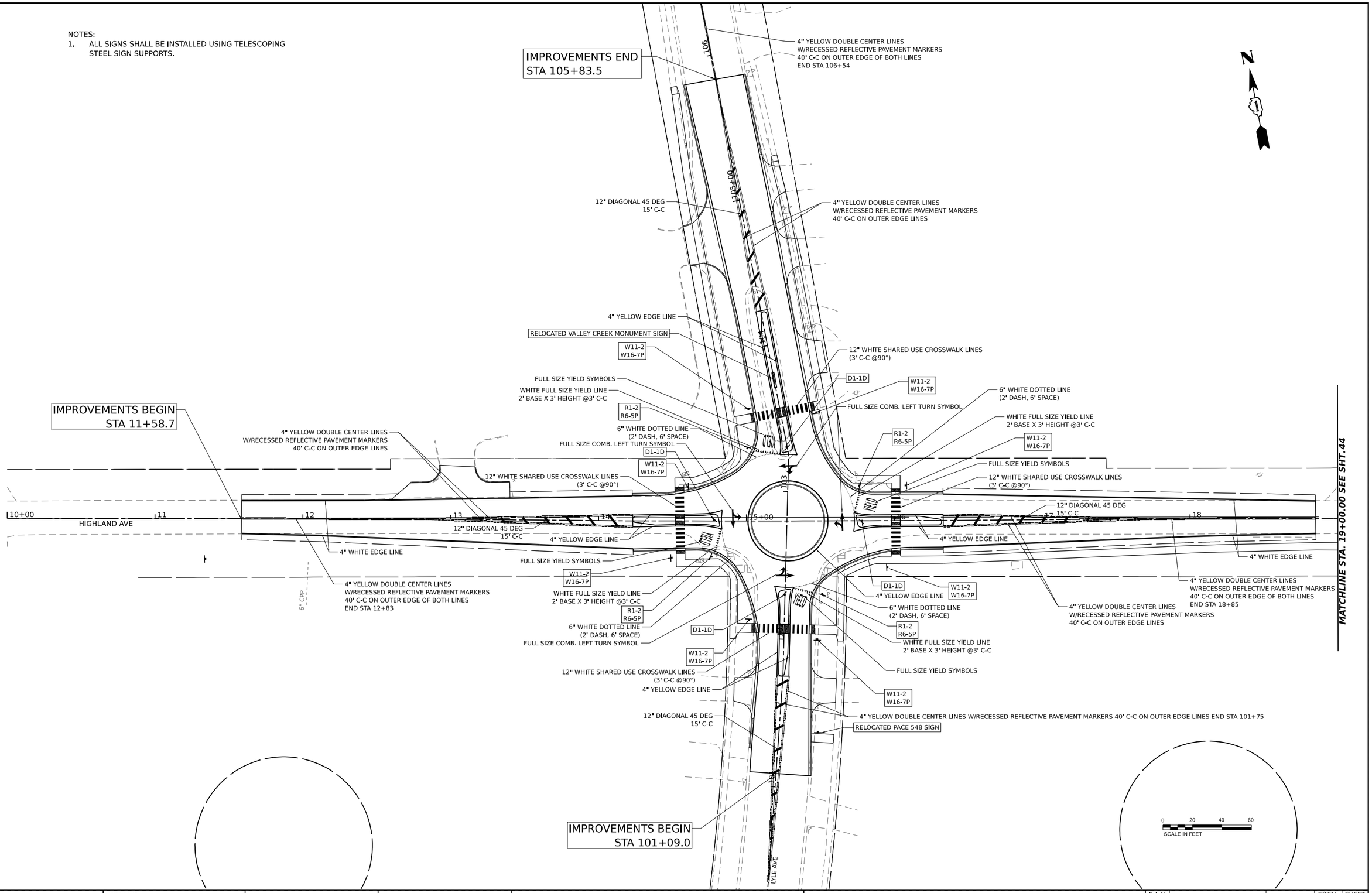
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0.84%

MODEL: Default
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USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**	**HIGHLAND AVE AT LYLE AVE ROUNDABOUT**	
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**ADA DETAILS**	
PLOT SCALE = 10.0000 ' / in.	CHECKED - KKS	REVISED -		SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	42
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

NOTES:
1. ALL SIGNS SHALL BE INSTALLED USING TELESCOPING STEEL SIGN SUPPORTS.



USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
PAVEMENT MARKING AND SIGNAGE PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	43
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

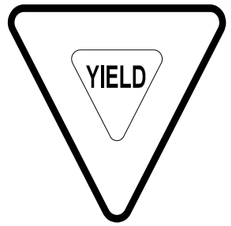
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W11-2
30" X 30"



W16-7P(L)
21" X 15"



R1-2
36" X 36"



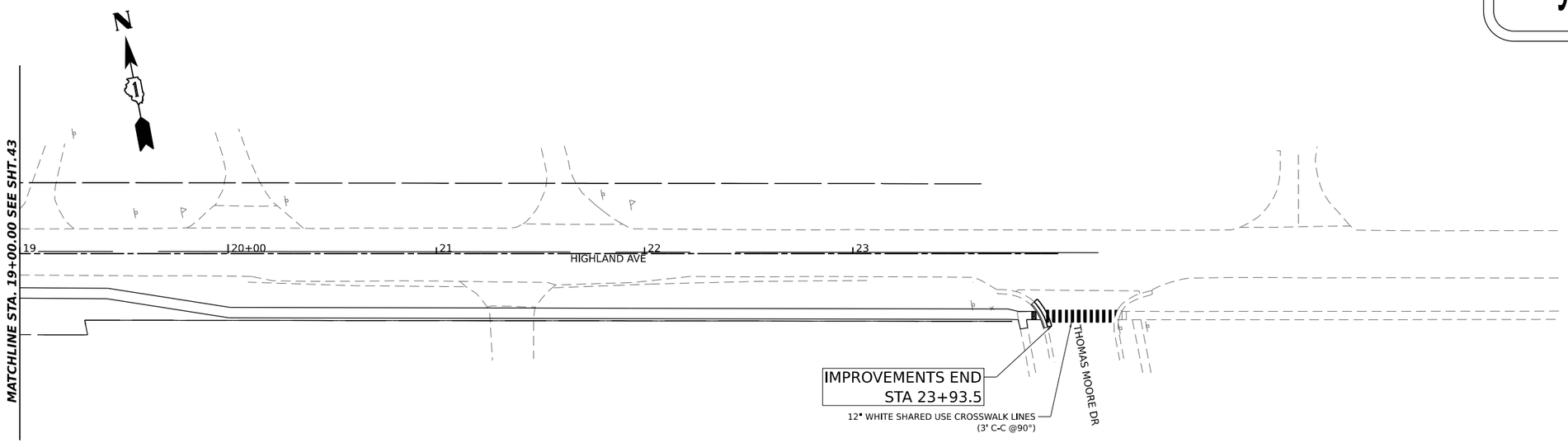
R6-5P
30" X 30"



D1-1D
18" X 60"



D1-1D
18" X 48"





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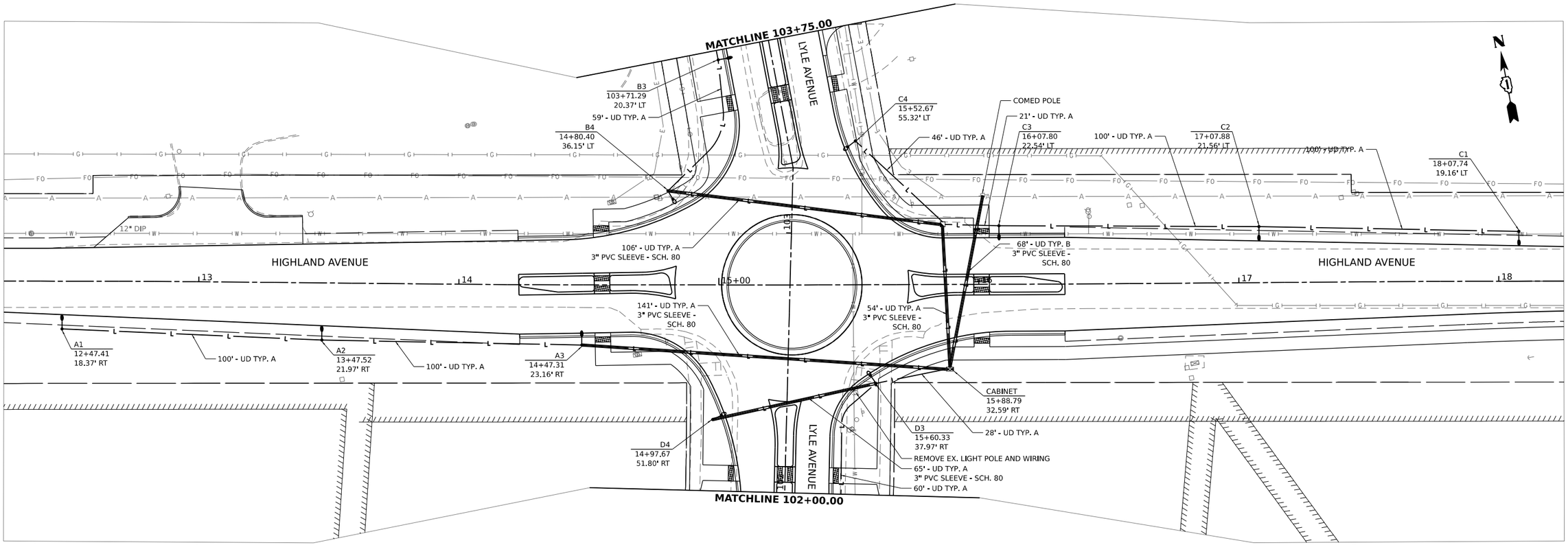
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
PAVEMENT MARKING AND SIGNAGE PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	44
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		



LEGEND

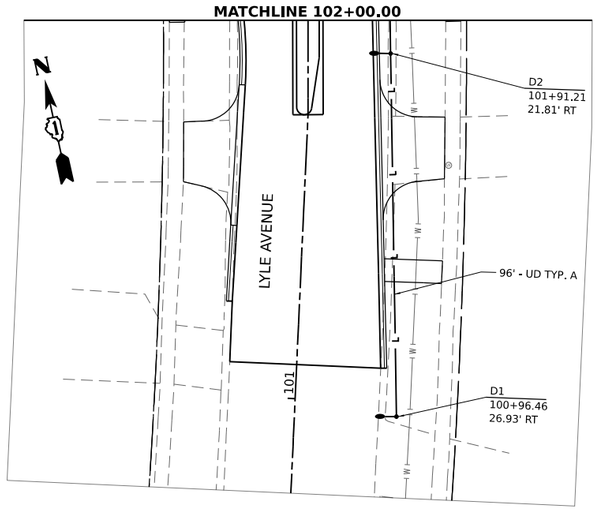
●—●	LIGHT POLE, ALUMINUM, 25 FT. M.H., 6 FT. DAVIT ARM WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E
●—◐	LIGHT POLE, ALUMINUM, 25 FT. M.H., 6 FT. DAVIT ARM WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E AND HOUSE SIDE SHIELD
⋈	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP
◪	HANDHOLE
UD TYP. A	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
UD TYP. B	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE

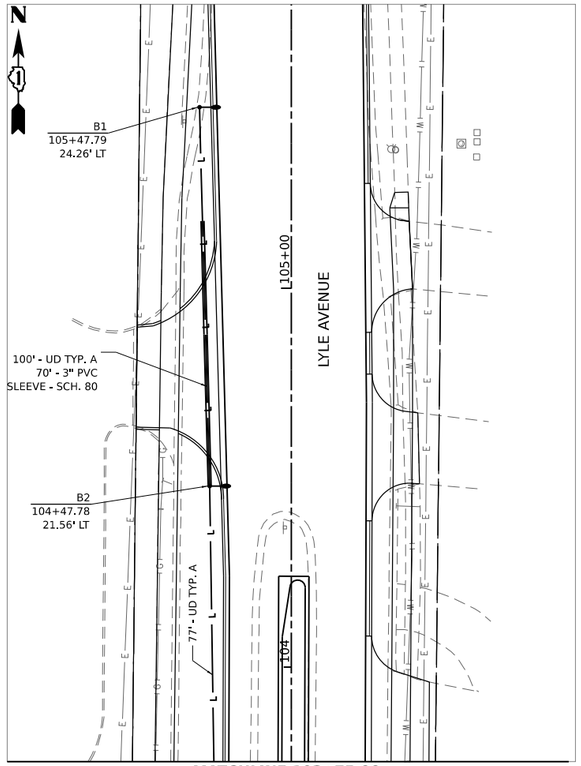
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	DRAWN - KRN	REVISED -			
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -			
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	45
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		





SYSTEM	1	CABLE SIZE	2-1/C NO. 6, 1/C NO. 6 GROUND
CIRCUIT	A	CONDUCTOR	COPPER
SYSTEM VOLTAGE	240V	LUMINARIE VOLTAGE	240V

NO. OF LUMINAIRES	CURRENT/LUMINAIRE	DISTANCE	2X	RESISTIVITY	VOLTAGE DROP
4	0.31	91	2	0.0004805	0.108
3	0.31	68	2	0.0004805	0.061
2	0.31	100	2	0.0004805	0.060
1	0.31	100	2	0.0004805	0.030
				TOTAL	0.259
TOTAL VOLTAGE DROP / SYSTEM VOLTAGE =				0.108%	

SYSTEM	1	CABLE SIZE	2-1/C NO. 6, 1/C NO. 6 GROUND
CIRCUIT	B	CONDUCTOR	COPPER
SYSTEM VOLTAGE	240V	LUMINARIE VOLTAGE	240V

NO. OF LUMINAIRES	CURRENT/LUMINAIRE	DISTANCE	2X	RESISTIVITY	VOLTAGE DROP
3	0.31	79	2	0.0004805	0.071
2	0.31	77	2	0.0004805	0.046
1	0.31	100	2	0.0004805	0.030
				TOTAL	0.146
TOTAL VOLTAGE DROP / SYSTEM VOLTAGE =				0.061%	

SYSTEM	1	CABLE SIZE	2-1/C NO. 6, 1/C NO. 6 GROUND
CIRCUIT	C	CONDUCTOR	COPPER
SYSTEM VOLTAGE	240V	LUMINARIE VOLTAGE	240V

NO. OF LUMINAIRES	CURRENT/LUMINAIRE	DISTANCE	2X	RESISTIVITY	VOLTAGE DROP
3	0.31	37	2	0.0004805	0.033
2	0.31	100	2	0.0004805	0.060
1	0.31	100	2	0.0004805	0.030
				TOTAL	0.122
TOTAL VOLTAGE DROP / SYSTEM VOLTAGE =				0.051%	

SYSTEM	1	CABLE SIZE	2-1/C NO. 6, 1/C NO. 6 GROUND
CIRCUIT	D	CONDUCTOR	COPPER
SYSTEM VOLTAGE	240V	LUMINARIE VOLTAGE	240V

NO. OF LUMINAIRES	CURRENT/LUMINAIRE	DISTANCE	2X	RESISTIVITY	VOLTAGE DROP
4	0.31	76	2	0.0004805	0.091
1	0.31	65	2	0.0004805	0.019
2	0.31	60	2	0.0004805	0.036
1	0.31	96	2	0.0004805	0.029
				TOTAL	0.174
TOTAL VOLTAGE DROP / SYSTEM VOLTAGE =				0.073%	

LEGEND

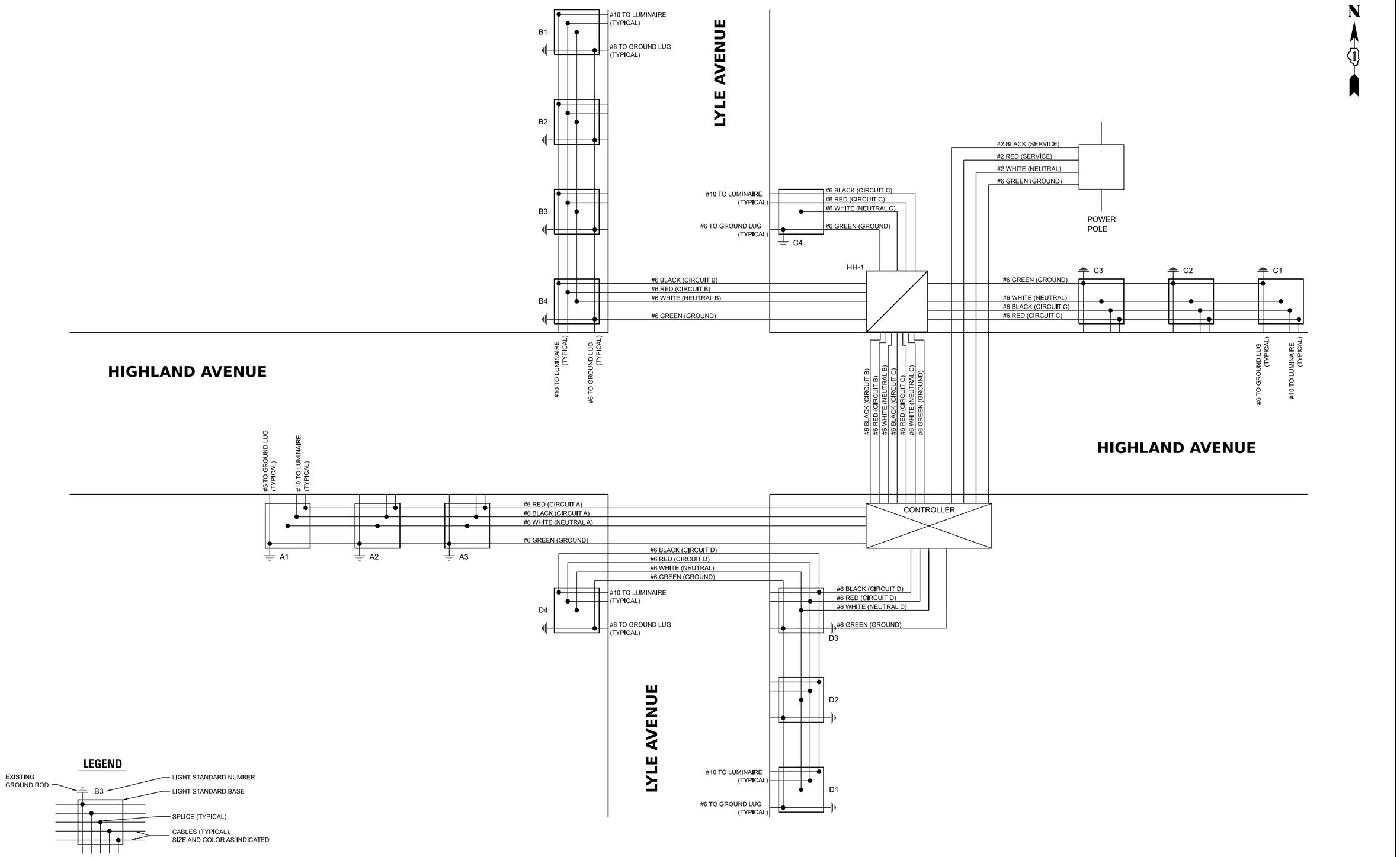
	LIGHT POLE, ALUMINUM, 25 FT. M.H., 6 FT. DAVIT ARM WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E
	LIGHT POLE, ALUMINUM, 25 FT. M.H., 6 FT. DAVIT ARM WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E AND HOUSE SIDE SHIELD
	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP
	HANDHOLE
UD TYP. A	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
UD TYP. B	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE

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	DRAWN - KRN	REVISED -		
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -		
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	46
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		



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	DRAWN - KRN	REVISED -	
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
STREET LIGHTING SCHEMATIC

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	47
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

CITY OF ELGIN STREET LIGHT STANDARDS

Street light poles and fixtures (luminaires) shall be City Of Elgin standard, unless approved in writing by the Electrical Division of Public Works Department.

The street lighting circuit shall have a disconnect prior to the connection from the ComEd power source as specified by Public Works. The disconnect shall be as close to the power source as practical. This disconnect is required for single street light photocell controlled circuits as well as multiple lights with individual photocells. Lighting systems operated by a central lighting controller shall provide a disconnect means appropriately sized to the needs of the system. All light poles shall have a breakaway in line fuse.

Street light poles shall be numbered per Electrical Division direction prior to acceptance by the City for maintenance.

ACCESS

All electrical cable and foundations must be installed in publicly accessible areas. This means that all areas occupied by any part of the street light installation or construction activities must be on public property or will have an easement for use and access. Construction easements may be required during the actual installation. Any required easements will have been acquired by the City of Elgin prior to the start of construction.

EXISTING UTILITIES

The contractor shall be responsible for locating all utilities that might be located within the project area. This includes contacting J.U.L.I.E., the City of Elgin, and any other utilities that might be installed in the area. City of Elgin locates for water, sewer and electrical features may be arranged for by contacting the City of Elgin, Department of Public Works at (847) 697-3160. The contractor shall coordinate the location of utilities for both horizontal and vertical location of any buried utility. All utilities that will be crossed by the proposed street light circuit shall be exposed and crossing observed. In the event that directional boring is used then crossed utility shall be hand dug and exposed. If the utility to be crossed is located in a driveway or roadway then the smallest practical "window" opening shall be made in the driveway or roadway and the utility shall be exposed. After the new electrical circuit has been run past the exposed utility the window shall be repaired as soon as possible. The repair shall return the driveway or roadway to at least the same condition as previously existed. Roadway repairs shall be approved by the City of Elgin.

Each observation "window" shall be properly repaired within 10 days of its opening regardless of the number of windows in the project, the size of the project, or the state of progress of the project. The intent of this paragraph is to insure that no observation "window" is present in any roadway or driveway to present a hazard to vehicular traffic. No observation window shall be left open overnight for any reason. If access to a window is required on another day then the window shall be filled with gravel overnight or a steel plate of sufficient size shall be placed over the window to allow vehicular traffic to travel over the window without any danger of damage to the vehicle or the utility exposed in the window. The contractor shall be responsible to maintain any gravel filled observation window on this project. No observation window shall be allowed to fall more than three inches below the roadway surface during times that traffic is allowed to travel over the window.

ELECTRICAL INSTALLATION

Existing street light electrical circuit: If there is an existing street light circuit passing the site along the right of way then the existing street light circuit shall be considered as the power source for the new light. Proper consideration must be given to the capacity of the existing street light circuit to supply the energy requirements of the proposed light.

No existing street light electrical circuit: If no existing street light circuit exists within the right of way then the closest available source of 240 volt power shall be identified and a path between that source and the proposed location of the new street light shall be proposed. If the proposed path includes any driveways or street crossings then the electrical circuit shall be installed in galvanized electrical conduit or schedule 40 PVC conduit as it passes under the driveway or under the roadway. The conduit shall extend 2 feet past the limits of any driveway or back of curb on each side of the roadway crossed. If two or more adjacent driveways must be crossed and the separation distance between any two of the driveways is 5 feet or less then the conduit shall run continuous as if the adjacent driveways were one driveway.

The electrical cable and conduit may be installed using open trench and backfill or directional boring process. If directional boring is used then the electrical cable shall be installed in a continuous PVC conduit or uniduct. The PVC conduit or uniduct shall be installed as one continuous piece between light poles or the power source and the light pole. There shall be no brake in the PVC conduit or uniduct even if it passes through a conduit which is serving as a driveway or roadway crossing. All electrical cables, conduit, and uniduct shall be installed at a minimum depth of 30 inches but not more than 36 inches from the finished grade unless otherwise approved. Any trench shall be back filled with 12 inches of sand. A 6-inch red warning tape of an approved type shall be placed above the sand and 12 inches above the electrical cable. The balance of the trench shall be filled with compacted granular backfill in paved areas or compacted earth in landscaped areas.

SITE RESTORATION

The City of Elgin municipal code, section 13.20.080 requires that site restoration must be completed within thirty days after final inspection and approval. The contractor shall restore disturbed grass areas with sod and shall provide the necessary watering to assure the survival of the sod. It is suggested that the contractor become fully familiar with the terms and conditions of this ordinance.

The contractor is reminded that any construction materials or equipment stored on a vehicular right of way shall be protected by proper traffic control barricades. Construction materials or equipment shall not be stored on roadways during overnight hours.

STREET LIGHT POLE FOUNDATION

~~The normal street light pole foundation installed in the City of Elgin shall be similar or equal to a Chance Instant Foundation for a fixed 10.5" bolt circle consisting of a 6-inch diameter steel shaft 60" or 84" in length steel helical foundation. The shaft section shall consists of 6.5" OD outside diameter with 0.280" wall steel pipe conforming to ASTM A 53, A 252 or A 500. The length of the foundation may be 5' or 7' long as required by the application. The pile section shall have two wire access slots located 180° from each other. Welded to the lead end of the foundation shall shall be a steel helical plate with a 3° pitch. To aid in starting the pile, a 1-1/4" diameter steel rod shall extend beyond the center of the helix to provide a pilot. The integral foundation cap plate shall have an alignment notch located directly above one of the wire access slots. The cap is to be 12" square, and be 1" in thickness with four mounting slots 1" dia. x 4" long.~~ Foundations are to be installed via hydraulic gear motor on a backhoe or other suitable pile installation unit. The foundation cap plate is to be installed at grade or slightly above to allow clearance for bolt mounting of the pole base. No excavation for installation will be allowed. If ground conditions prohibit installation of helix foundation, a cast-in-place concrete base can be used at the direction of the Engineer. The anchor bolts shall be galvanized and a minimum of 1-inch diameter unless otherwise specified by the street light pole manufacturer. One 5/8-inch by 10-foot copperweld ground rod shall be driven through the foundation with at least 6 inches protruding above the top plate. The ground rod shall exit the foundation at a point 30 inches below grade and shall be in continuous contact with earth for the rest of its length. Two 2-inch PVC conduit stubs with 90 degree elbows at the bottom shall exit the foundation at 30 inches below the established or proposed grade of the surrounding area. If grade is not established then the grade shall normally be considered to be level with the top of any adjoining roadway curb. The two conduit stubs shall be located to align with the source of electrical cable. If one conduit is not used for electrical cable at this time then it shall be located parallel to the back of the adjoining roadway curb or edge of pavement. If no curb exists then the stubs shall be lined up with the proposed path of the electrical service. The anchor bolts shall be installed so that the base casting of the street light pole base is parallel to the back of the curb or edge of pavement.

~~**STREET LIGHT POLE AND FIXTURE, MID-BLOCK LOCATIONS**~~

~~Street light pole: The street light pole shall be a Holophane Wadsworth Series Model WBA 14-foot cast aluminum pole with a 5-inch fluted shaft. The base shall be 12" in diameter. Pole and base are to have a black finish. A ground lug shall be welded to the inside of the street light pole.~~

~~Street light fixture: The street light fixture shall be a 77-watt Holophane Washington Postlite LED3 Series Model WAE3 with black finish. The wattage's listed are for LED lamps. No other lamp type will be allowed. The light fixture shall be a high efficiency multi tap type wired for 240 volts. All fixtures shall have a Twist Lock 7 Pin receptacle. A photocell shall be installed within the 7 pin receptacle when no other components are in place to control the fixture. A shorting cap shall be installed within the 7 pin receptacle if/when a lighting controller, time clock, or master photocell are used in conjunction with an approved controller cabinet. The photocell shall be of a delay type, so that lightning or vehicle headlights do not cause the photocell to turn the light off. Fuses shall be installed in the pole base. The fuse holder shall be a two circuit design such that opening the fuse holder will disconnect both sides of the electrical circuit.~~

STREET LIGHT POLE AND FIXTURE, INTERSECTION, COLLECTOR & ARTERIAL STREET LOCATIONS

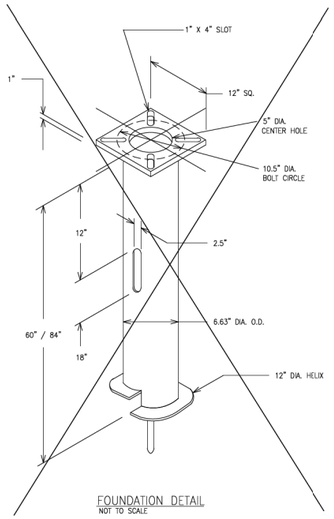
Street light pole: The street light pole shall be similar and equal to a Hapco Series RTA 25-foot spun aluminum pole with a 6-foot round tapered arm. The service handhole shall be located on the side of the pole opposite from the roadway. A ground lug shall be welded to the inside of the street light pole opposite the service handhole entrance.

Street light fixture: The street light fixture shall be a Current Evolve LED ERL Cobra head with black finish and a drop lens unless otherwise specified by the engineer. The wattage of the lamp shall be as appropriate for the location of the street light. In general that wattage will be 59-watt for mid-block located lights and 97-watt for intersection mounted lights. The wattage's listed are for LED lamps. No other lamp type will be allowed. The light fixture shall be a high efficiency multi tap type wired for 240 volts. Power door type fixtures shall not be installed. All Fixtures shall have a Twist Lock 7 Pin receptacle. A photocell shall be installed within the 7 pin receptacle when no other components are in place to control the fixture. A shorting cap shall be installed within the 7 pin receptacle if/when a lighting controller, time clock, or master photocell are used in conjunction with an approved controller cabinet. The photocell shall be of a delay type so that lightning or vehicle headlights do not cause the photocell to turn the light off. Fuses shall be installed in the pole base at the service handhole. The fuse holder shall be a two circuit design such that opening the fuse holder will disconnect both sides of the electrical circuit.

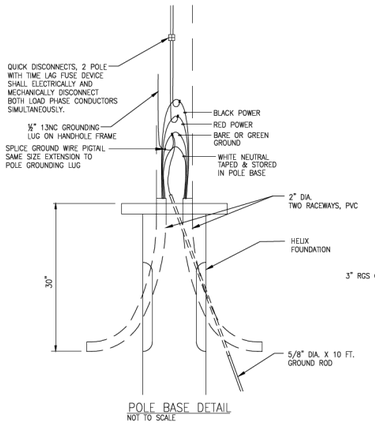
ELECTRICAL CABLE

The electric cable shall be a minimum 6awg stranded copper type rhh/rhw-use-xlp single conductor cable. A minimum of four conductors shall be pulled into the base of each pole. The neutral wire shall be taped and stored in the base of the pole. All street lights shall be initially wired for 240 volt operation.

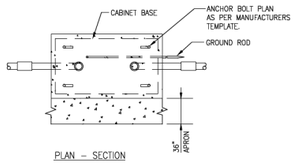
No underground splices shall be permitted. All splices shall be made in either concrete hand holes approved by the engineer or in the service hand hole in the street light pole. All splices shall be made with compression type copper sleeve terminals. All compression sleeves shall be sized to match the electrical conductors being spliced. The splice shall be covered with a heat shrink cap with factory applied waterproof sealant. The splicing materials shall be specifically designed for this type of application.



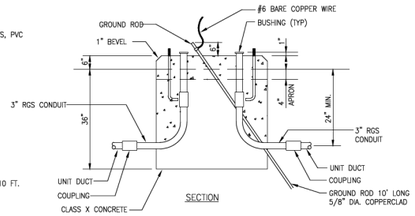
FOUNDATION DETAIL
NOT TO SCALE



POLE BASE DETAIL
NOT TO SCALE



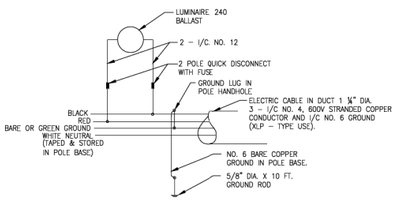
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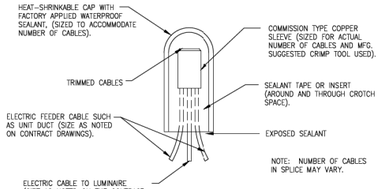
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CONTROLLER INSTALLATION FOUNDATION DETAIL
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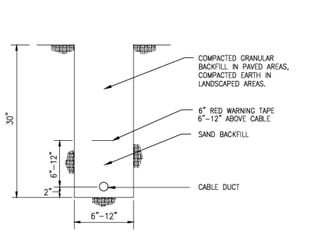
LED LAMP WATTAGE	FUSE SIZE	
59	5A	NOTE:
77	5A	SLOW BLOW
98	5A	FUSE



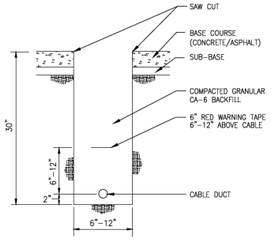
LIGHT POLE WIRING (TYP).
120/240 VOLT 1 PHASE – 3WIRE
NOT TO SCALE



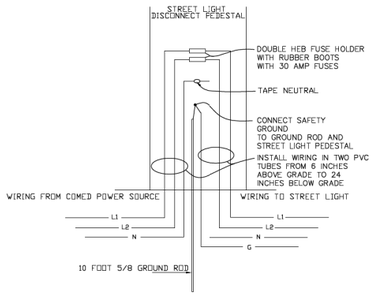
SPLICING ELECTRIC CABLE
NOT TO SCALE

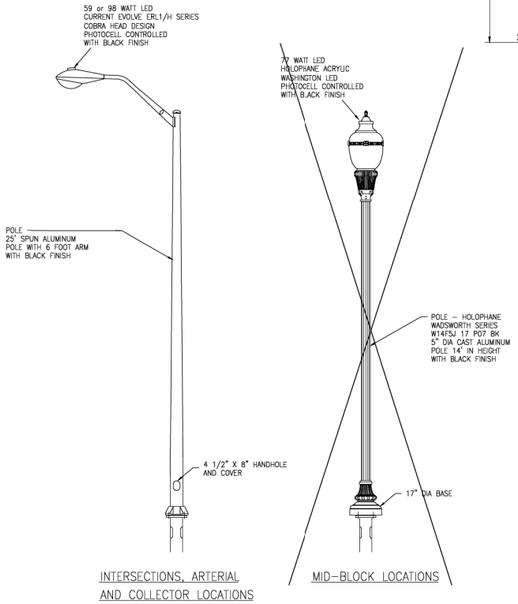


TRENCH and BACKFILL
PARKWAY
NOT TO SCALE



TRENCH and BACKFILL
CONCRETE AND ASPHALT AREA
NOT TO SCALE

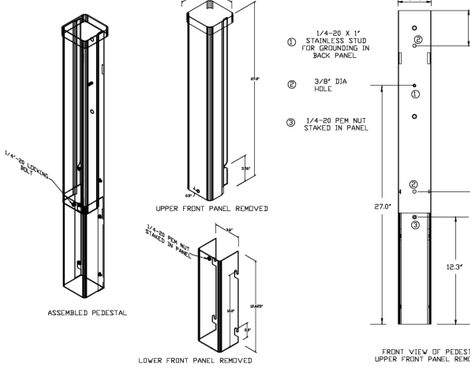




INTERSECTIONS, ARTERIAL AND COLLECTOR LOCATIONS

MID–BLOCK LOCATIONS

STREET LIGHT DETAIL



PEDESTAL DISCONNECT
NOT TO SCALE

DRAWN BY | CHECK BY
REVISIONS
DATE

RESIDENTIAL STREET LIGHT DETAIL SHEET

CITY OF ELGIN
ENGINEERING DEPARTMENT
1900 Holmes Road
Elgin, IL 60123
www.cityofelgin.org
Phone: 847-931-5955
Fax: 847-931-5965

ELGIN THE CITY IN THE SUBURBS

PROJ. MGR.:
PROJ. ENG.:
DRAWN BY: M.E.R.
CHECKED BY:
DATE: 03-03-25
SCALE: N.T.S.

SHEET 1 OF 1

MODEL: ELGIN DETAILS 1
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	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
STREET LIGHTING – DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	48
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

Evolve®



CUSTOMER NAME **CITY OF ELGIN, ILLINOIS**
PROJECT NAME **HIGHLAND/LYLE ROUNDABOUT**
DATE **2025** TYPE
CATALOG NUMBER **ERL1-0-10-C7-30-E-BLCK-LU4**

ERL1 Cobra Head
LED Roadway Lighting

The Evolve® LED Roadway ERL1 Luminaire is optimized utilizing advanced LED reflective optical system for local, collector and major roadway. The modern design incorporates the heat sink directly into the unit for heat transfer to prolong LED life. The ERL1 is available with legacy NEMA/ANSI 7-Pin receptacle and/or Zhaga Book 18 receptacle for easy integration with asset management devices and sensors.

Construction

Housing:	Aluminum die cast enclosure casting integral heat sink for maximum heat transfer
Lens:	Impact resistant tempered glass Visual Comfort Lens available
Paint:	Corrosion resistant powder paint, minimum 2.0 mil thickness (RAL & custom colors available) Standard = Gray, Black and Dark Bronze Optional = Coastal Finish
Weight:	12.4 lb (5.6 kg)

Optical System

Lumens:	2604 - 15,700
Distribution:	Type II, III, IV, and Type II Enhanced Backlight
Efficacy (LPW):	up to 163
CCT (K):	2700, 3000, 4000
CRI (MIN):	≥70

Electrical

Input Voltage (V):	120-277 or 347-480
Input Frequency (Hz):	50/60
Power Factor:	≥ 0.9 at rated watts ^
Total Harmonic Distortion:	≤ 20% at rated watts

^ For 03 lumen code, pf@277V=0.89 and THD@480=20%

Surge Protection*

STANDARD	OPTIONAL
✓ 10kV/5kA	☐ Secondary 10kV/5kA (R Option) or ☐ Secondary 20kV/10kA (T Option)

*Per ANSI C136.2-2023

DLC 5.1 | PR3 Optical | BUG Rating (Down Only) | Controls Enabled | BAA

Lumen Maintenance

Projected Lxx per IES TM-21-11 at 25°C

LUMEN CODES	LXX (x10K) @ HOURS			
	25,000 HR	50,000 HR	75,000 HR	100,000 HR
03-07	92	90	88	81
08-10	97	95	94	90
11-13	96	93	92	87
14	96	92	91	85
15	92	88	86	--
16	92	87	85	--

Note: Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted industry tolerances apply to initial luminous flux and lumen maintenance measurements.

Ratings

Operating Temp:	-40°C to 50°C
Vibration:	3G per ANSI C136.31-2018
LM-79:	Testing in accordance with IES Standards
EMI:	Title 47 CFR Part 15 Class A
RoHS:	Complies with the material restrictions of RoHS

Controls

Dimming:	Standard-0-10V Optional-DALI D4i (Option U4) ✓
Sensors:	Photo Electric Sensors (PE) available LightGrid+™ Compatible Zhaga Book 18 Sensor Compatible

Warranty

☐ 5 Year (Standard) ✓ 10 Year (Optional)

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Evolve®
ERL1 Cobra Head
LED Roadway Lighting

CUSTOMER NAME **CITY OF ELGIN, ILLINOIS**
PROJECT NAME **HIGHLAND/LYLE ROUNDABOUT**
DATE **2025** TYPE
CATALOG NUMBER **ERL1-0-10-C7-30-E-BLCK-LU4**

Ordering Information

ERL1 0 10 C7 30 E BLCK LU4

PROD. ID	VOLTAGE	LUMEN CODE	DISTRIBUTION [1]	CCT	RECEPTACLES[2]	COLOR	OPTIONS
E = Evolve R = Roadway L = Local 1 = Single Module	0 = 120-277V[3] H = 347-480V[4] Select Single V ONLY if Fusing Selected 1 = 120V 2 = 208V 3 = 240V 4 = 277V 5 = 480V D = 347V	03 [5] 04 05 06 07 08 09 10 11 12 13 14 15 16	**Standard Glass** A7 = Type II Narrow B7 = Type II C7 = Type II D7 = Type IV E7 = Type II Enhanced Back Light **Visual Comfort Lens** J7 = Type II Narrow K7 = Type II L7 = Type III M7 = Type IV N7 = Type II Enhanced Back Light	27 = 2700K 30 = 3000K 40 = 4000K	**Top Only** 1 = Top: None A = Top: ANSI 7-Pin [6,4] D = Top: ANSI 7-Pin w/ Shrt Cap [6,4] E = Top: ANSI 7-Pin w/ Long Life PE [6,4] **Top & Bottom** G = Top: ANSI 7-Pin +Bottom: Zhaga Book 18 [6] H = Top: ANSI 7-pin w/Shrt Cap + Bottom: Zhaga Book 18 [6] J = Top: ANSI 7-Pin w/ Long Life PE + Bottom: Zhaga Book 18 [6] Z = Top: None+ Bottom: Book 18 [6]	GRAY = Gray BLCK = Black DKBZ = Dark Bronze	A = 4 Bolt Slipfitter CI = Captive Door F = Fusing [4,8,11] G = Internal Bubble Level I = IP66 Optical L = Tool-Less Entry M1 = Mogrupak (23 units/box) [7] R = 10kV/5kA Secondary SPD T = 20kV/10kA Secondary SPD [9] U4 = DALI D4i [4,8,9,10,11] V1 = Field Adjustable Module [9] Y = Coastal Finish [9] XXX = Special Options

1. Nominal IES Type classing subject to typical variation, individual units may differ, review IES files for individual sku typing.
2. 7-Pin receptacle per ANSI C136.41 and/or 4-Pin receptacle per Zhaga Book 18.
3. 7 Pin receptacle wired for 0-10V control unless Dali (U4) selected.
4. If U4 option is selected and A, D or E (7-Pin) receptacle option is selected, the D4i driver is configured with the DALI Integrated Power BUS enabled. Contact factory if DALI is desired with Integrated Power BUS disabled.
5. When ordering Zhaga Book 18 receptacle, Dali-D4i (Option U4) must be selected. DALI control BUS Powered.
6. Fusing not available with multi-volt (0 or H) Input Voltages.
7. Option M1 provides for multiple fixtures in single palletized container. Single Pack box is standard.
8. Secondary 20kV SPD (Option T) may not be available with Fusing (Option F). Contact factory if required.
9. Field Adjustable Module (option V1) not available with Dali (Option U4).
10. Coastal Finish (option Y) is recommended for installations within 750 feet from coast. Lead time varies, check with factory.
11. Fusing may not be available with 347V or 480V if Dali (Option U4) is requested. Contact factory if required.
12. DLC not available for "0" or "H" Input Voltage of 03 lumen code.

Suggested HID Replacement

Approximately 3,000 lumens to replace 50W-70W HPS Cobra-head
Approximately 4,000-5,000 lumens to replace 100W HPS Cobra-head
Approximately 7,000-9,000 lumens to replace 150W HPS Cobra-head
Approximately 9,000-12,000 lumens to replace 200W HPS Cobra-head
Approximately 12,000-16,000 lumens to replace 250W HPS Cobra-head

Note: Actual replacement lumens may vary based upon mounting height, pole spacing, design criteria, etc.

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ERL1 Cobra Head
LED Roadway Lighting

CUSTOMER NAME **CITY OF ELGIN, ILLINOIS**
PROJECT NAME **HIGHLAND/LYLE ROUNDABOUT**
DATE **2025** TYPE
CATALOG NUMBER **ERL1-0-10-C7-30-E-BLCK-LU4**

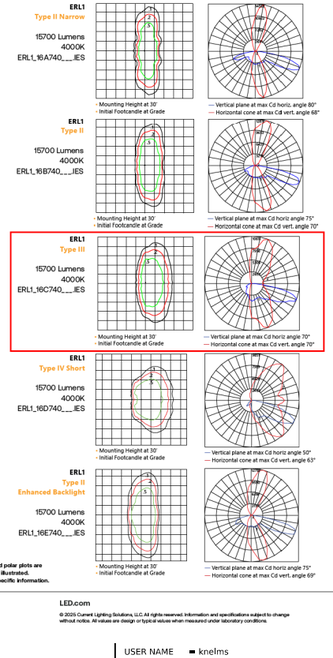
LUMEN CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS			TYPICAL WATTAGE		LPW*	BUG RATINGS		
		4000K	3000K	2700K	120-277V	347-480V		4000K	3000K	2700K
07	A7	7000	6700	6400	49	52	149	B2-U0-G2	B2-U0-G2	B2-U0-G2
	B7							B1-U0-G2	B1-U0-G2	B1-U0-G1
	C7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	D7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	E7							B2-U0-G2	B2-U0-G2	B2-U0-G2
	J7	6510	6231	5952			139	B2-U0-G2	B2-U0-G1	B2-U0-G1
	K7							B1-U0-G2	B1-U0-G2	B1-U0-G1
	L7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	M7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	N7							B2-U0-G2	B2-U0-G2	B2-U0-G2
08	A7	8000	7600	7100	57		148	B2-U0-G2	B2-U0-G2	B2-U0-G2
	B7							B2-U0-G2	B2-U0-G2	B1-U0-G2
	C7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	D7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	E7							B2-U0-G2	B2-U0-G2	B2-U0-G2
	J7	7440	7068	6603			137	B2-U0-G2	B2-U0-G2	B2-U0-G2
	K7							B2-U0-G2	B2-U0-G2	B1-U0-G2
	L7							B2-U0-G2	B1-U0-G2	B1-U0-G2
	M7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	N7							B2-U0-G2	B2-U0-G2	B2-U0-G2
09	A7	9000	8600	7900	65		144	B2-U0-G2	B2-U0-G2	B2-U0-G2
	B7							B2-U0-G2	B2-U0-G2	B1-U0-G2
	C7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	D7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	E7							B2-U0-G2	B2-U0-G2	B2-U0-G2
	J7	8370	7998	7347			134	B2-U0-G2	B2-U0-G2	B2-U0-G2
	K7							B2-U0-G2	B2-U0-G2	B2-U0-G2
	L7							B2-U0-G2	B2-U0-G2	B2-U0-G2
	M7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	N7							B2-U0-G2	B2-U0-G2	B2-U0-G2
10	A7	10000	9600	8800	73		143	B2-U0-G2	B2-U0-G2	B2-U0-G2
	B7							B2-U0-G2	B2-U0-G2	B2-U0-G2
	C7							B2-U0-G2	B2-U0-G2	B1-U0-G2
	D7							B1-U0-G2	B1-U0-G2	B1-U0-G2
	E7							B3-U0-G3	B2-U0-G2	B2-U0-G2
	J7	9300	8928	8184			133	B2-U0-G2	B2-U0-G2	B2-U0-G2
	K7							B2-U0-G2	B2-U0-G2	B2-U0-G2
	L7							B2-U0-G2	B2-U0-G2	B2-U0-G2
	M7							B2-U0-G2	B2-U0-G2	B1-U0-G2
	N7							B2-U0-G2	B2-U0-G2	B2-U0-G2

*** LPW based on 120-277 V, 0-10 V dimming, & 4000K CCT (utilizing non-rounded lumens & watts)**

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Evolve®
ERL1 Cobra Head
LED Roadway Lighting

CUSTOMER NAME **CITY OF ELGIN, ILLINOIS**
PROJECT NAME **HIGHLAND/LYLE ROUNDABOUT**
DATE **2025** TYPE
CATALOG NUMBER **ERL1-0-10-C7-30-E-BLCK-LU4**

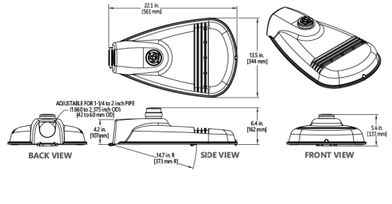


IES illuminate diagrams and polar plots are representative of the SKUs illustrated. Refer to IES files for SKU specific information.

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Evolve®
ERL1 Cobra Head
LED Roadway Lighting

CUSTOMER NAME **CITY OF ELGIN, ILLINOIS**
PROJECT NAME **HIGHLAND/LYLE ROUNDABOUT**
DATE **2025** TYPE
CATALOG NUMBER **ERL1-0-10-C7-30-E-BLCK-LU4**



Mounting

- Adjustable for 1.25 to 2 in. nominal mounting pipe (1.660 to 2.375 inch OD)
- Integral diecast mounting pipe stop
- Slipfitter with +/- 5 degrees of leveling adjustment

Effective Projected Area

- 0.5 ft² max (0.046 m²)

Weight

- 12.4 lb (5.6 kg)

Accessories

SAP Number	Part Number	Description
93029237G	PED-MV-LED-7	ANSI C136.41 Dimming PE, 120-277V
93029238G	PED-347-LED-7	ANSI C136.41 Dimming PE, 347V
93029239G	PED-480-LED-7	ANSI C136.41 Dimming PE, 480V
28299	PECOTL	Long Life PE 120-277V
93147530	PECHTL	Long Life PE 347-480V
73251	SCCL-PECTL	Shorting Cap

Network Lighting Controls

Current's **LightGrid+™** Outdoor Lighting Control System is designed for Street and Roadway Applications. It enables remote monitoring, control, and asset management of a single fixture or a group of fixtures through a web enabled Central Management System.

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Evolve®
ERL1 Cobra Head
Shield Guide

CUSTOMER NAME **CITY OF ELGIN, ILLINOIS**
PROJECT NAME **HIGHLAND/LYLE ROUNDABOUT**
DATE **2025** TYPE
CATALOG NUMBER **ERL1-0-10-C7-30-E-BLCK-LU4**

WHEN REQUIRED

HOUSE SIDE SHIELDS

PRODUCT CODE	CATALOG NUMBER
93024487G	ELSHS-ERL1-BLCK
93046386G	ELSHS-ERL1-GRAY
93068998	ELSHS-ERL1-DKBZ



STREET SIDE SHIELDS

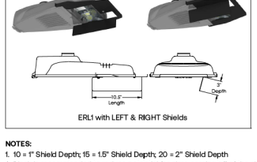
PRODUCT CODE	CATALOG NUMBER
93092595	ELSFS-ERL1-BLCK-10
93086740G	ELSFS-ERL1-GRAY-10
93092906	ELSFS-ERL1-BLCK-15
93105144G	ELSFS-ERL1-GRAY-15
93088130	ELSFS-ERL1-BLCK-20
93088131G	ELSFS-ERL1-GRAY-20



SIDE SHIELDS (L&R)

L/R shield kit is comprised of right and left items but cannot be installed in combination

PRODUCT CODE	CATALOG NUMBER
93118695G	ELS-ERL1H-LEFTRIGHTSIDEKIT-BLCK-10



ERL1 with LEFT & RIGHT Shields

NOTES:
1. 10 = 1" Shield Depth; 15 = 1.5" Shield Depth; 20 = 2" Shield Depth
2. Black is recommended to reduce potential for glare coming off of the shield
3. Use "House Side" Shield to block light trespass behind the pole
4. Use "Street Side" / Front Shield to block light trespass across the street

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USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**HIGHLAND AVE AT LYLE AVE ROUNDABOUT** **STREET LIGHTING SCHEMATIC**	
	DRAWN - KRN	REVISED -			
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	96	49
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	504
HANDHOLE	EACH	1
UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	1550
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	119
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	15
LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
LIGHT POLE, ALUMINUM, 25 FT. M.H., 6 FT. DAVIT ARM	EACH	15
LIGHT POLE FOUNDATION, METAL, 10 1/2" BOLT CIRCLE, 8 5/8" X 84"	EACH	15
BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	15
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	1
PAINTING LIGHT POLE UNIT	EACH	15

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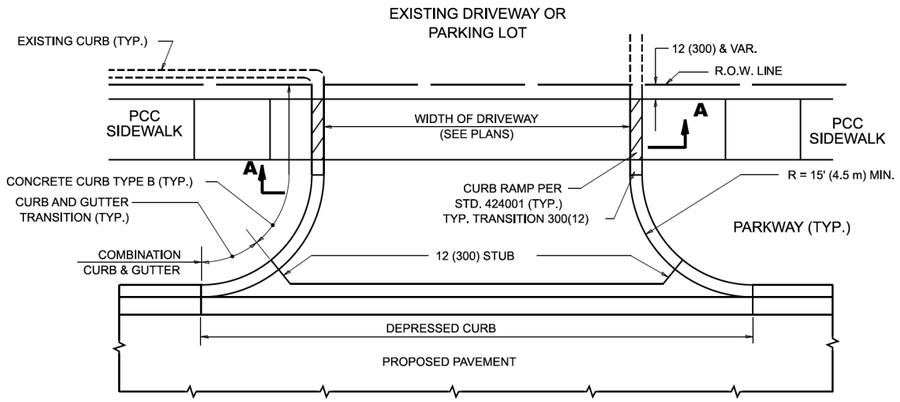
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

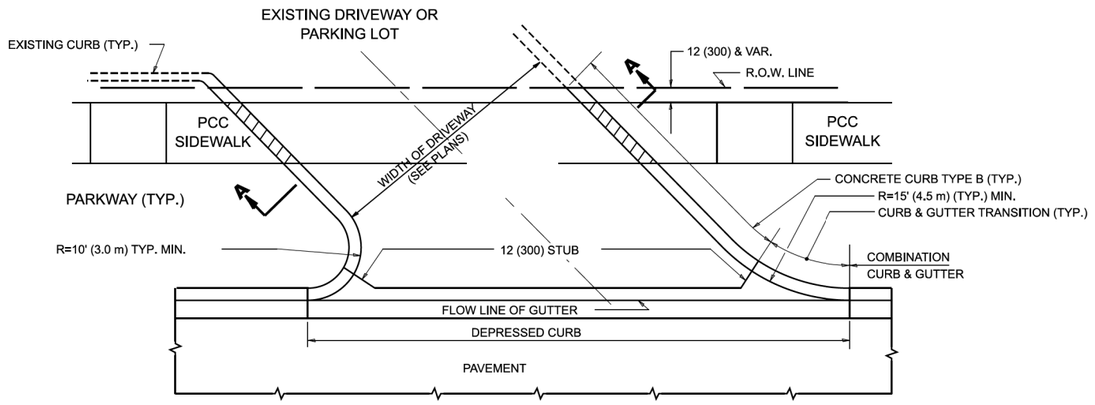
HIGHLAND AVE AT LYLE AVE ROUNDABOUT
STREET LIGHTING SCHEDULE OF QUANTITIES

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

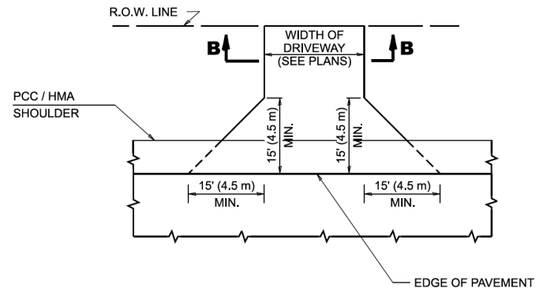
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		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			



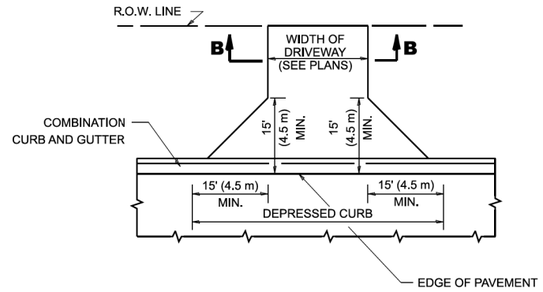
WITH CONCRETE CURB, TYPE B



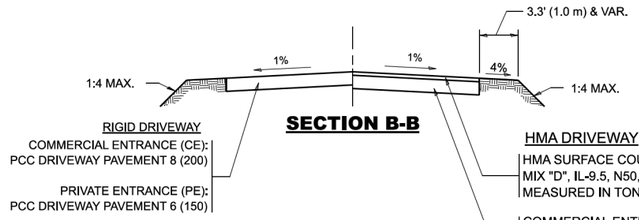
WITH CONCRETE CURB, TYPE B



ADJACENT TO PCC / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



SECTION B-B

RIGID DRIVEWAY

COMMERCIAL ENTRANCE (CE):
PCC DRIVEWAY PAVEMENT 8 (200)

PRIVATE ENTRANCE (PE):
PCC DRIVEWAY PAVEMENT 6 (150)

HMA DRIVEWAY

HMA SURFACE COURSE,
MIX "D", IL-9.5, N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

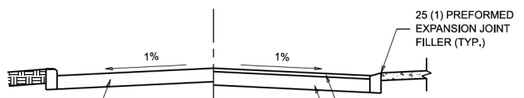
COMMERCIAL ENTRANCE (CE):
HMA BASE COURSE., 8 (200)
MEASURED IN SQ. YD. (m^2).

PRIVATE ENTRANCE (PE):
HMA BASE COURSE., 6 (150)
MEASURED IN SQ. YD. (m^2).

RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE,
MIX "D", IL-95, N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE COURSE., TYPE B, 8 (200)
MEASURED IN SQ. YD. (m^2).



SECTION A-A

RIGID DRIVEWAY

COMMERCIAL ENTRANCE (CE):
PCC DRIVEWAY PAVEMENT 8 (200)
MEASURED IN SQ. YD. (m^2)

PRIVATE ENTRANCE (PE):
PCC DRIVEWAY PAVEMENT 6 (150
MEASURED IN SQ. YD. (m^2)

HMA DRIVEWAY

HMA SURFACE COURSE,
MIX "D", IL-9.5, N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

COMMERCIAL ENTRANCE (CE):
HMA BASE COURSE, 8 (200)
MEASURED IN SQ. YD. (m^2).

PRIVATE ENTRANCE (PE):
HMA BASE COURSE, 6 (150)
MEASURED IN SQ. YD. (m^2).

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 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.

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

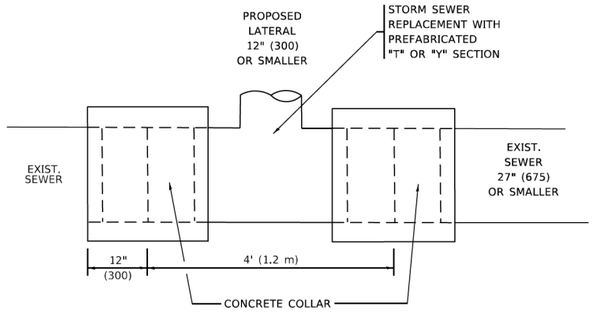
DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >15'(4.5m)

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			96	51

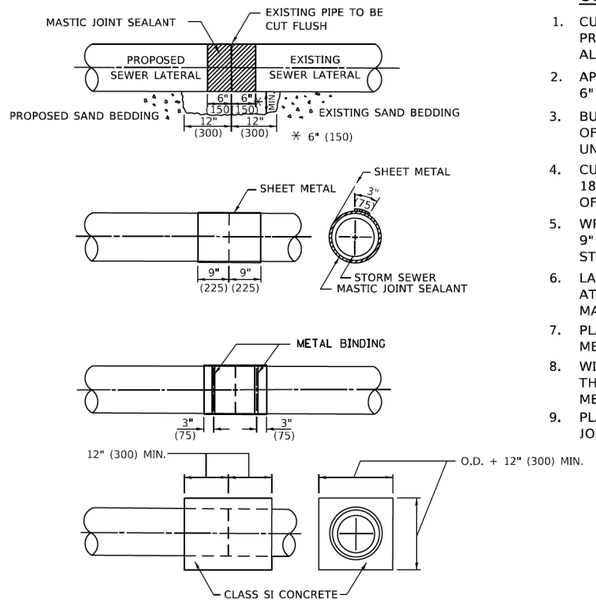
BD400-01 (BD-01) CONTRACT NO.

ILLINOIS | FED. AID PROJECT



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

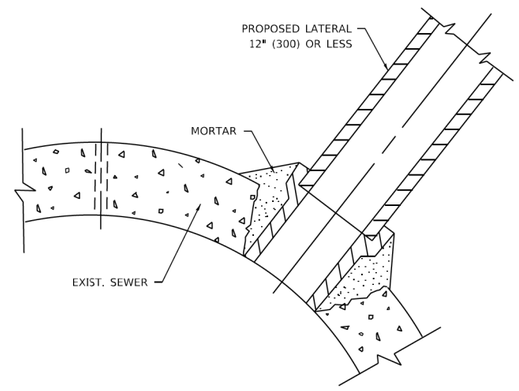


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
- A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
- B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

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

BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

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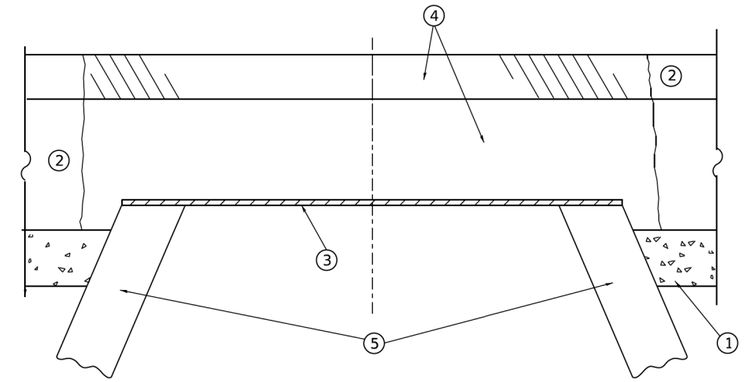
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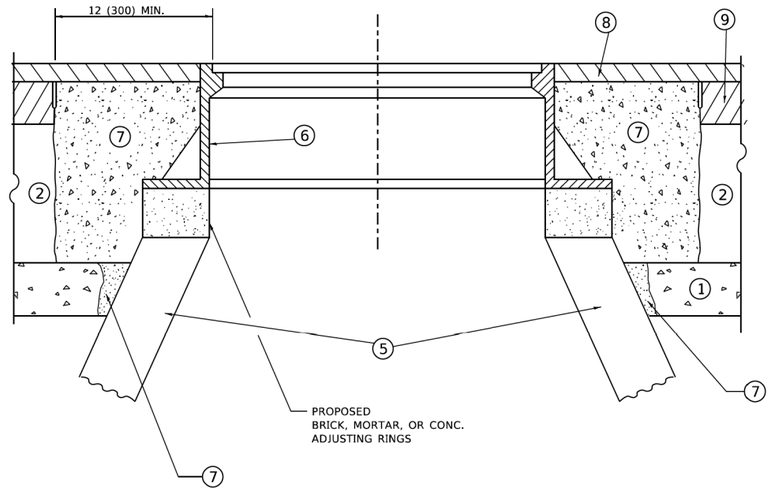
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			96	52
	BD500–01 (BD–07)		CONTRACT NO.	
		ILLINOIS	FED. AID PROJECT	





DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

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

2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

3. ~~CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.~~

4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.

B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.

C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.

D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.

B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.

C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

(1) SUB-BASE GRANULAR MATERIAL	(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

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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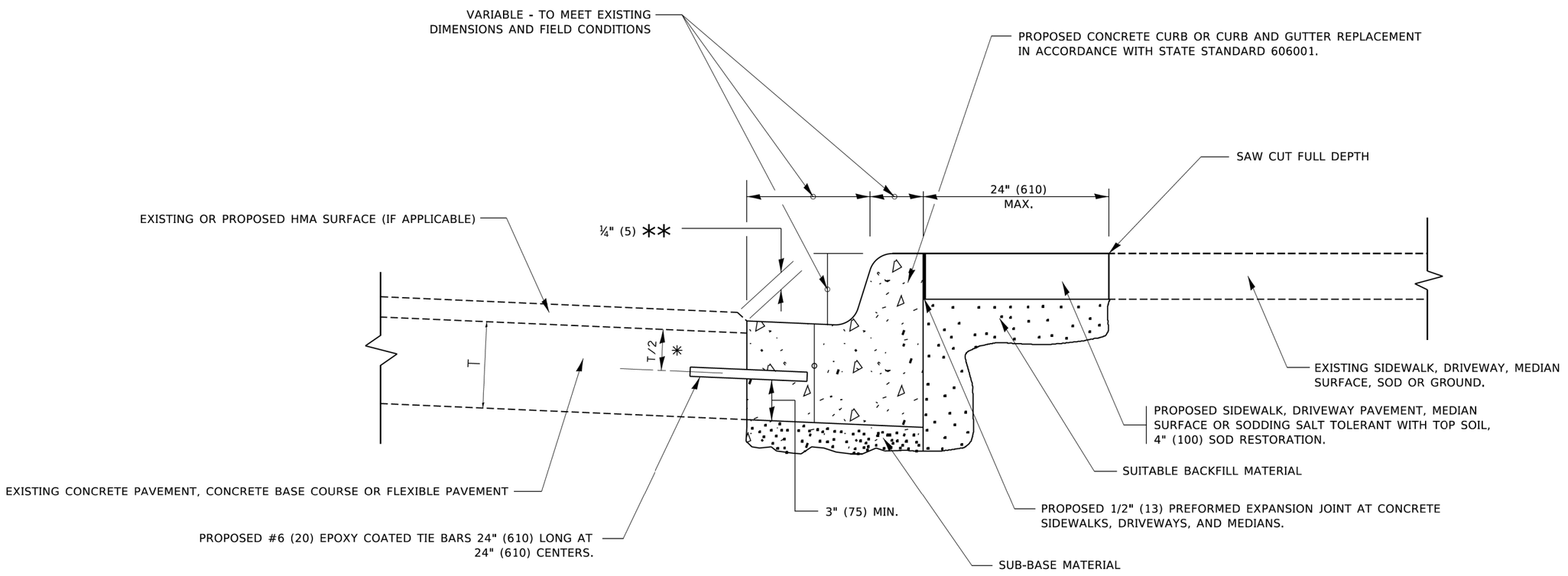
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PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			96	53
BD600-03 (BD-08)		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



* 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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	DRAWN -	REVISED - M. GOMEZ 01-22-01	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09	
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

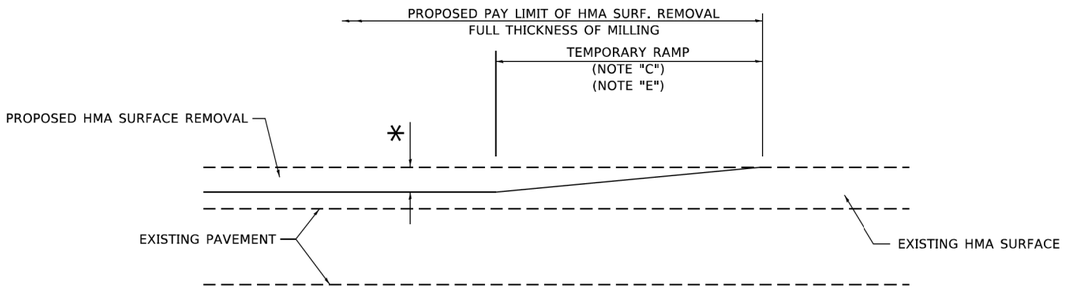
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			96	54

BD600–06 (BD–24) CONTRACT NO.

ILLINOIS FED. AID PROJECT

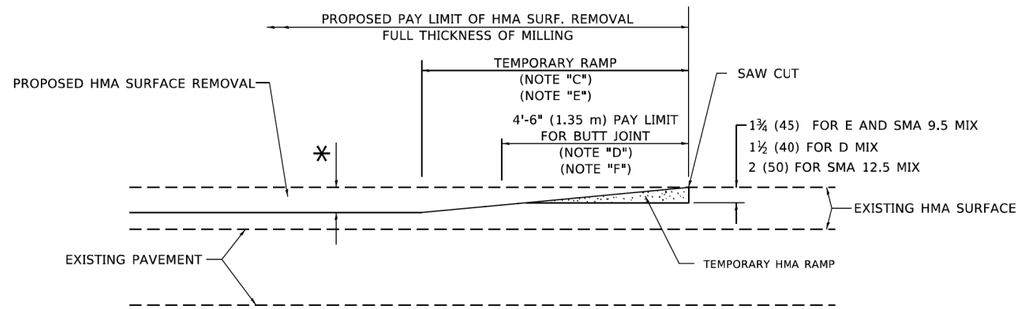
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MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

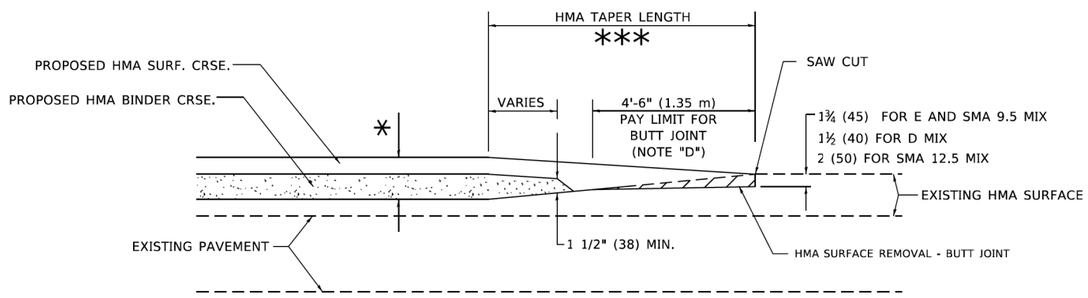


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

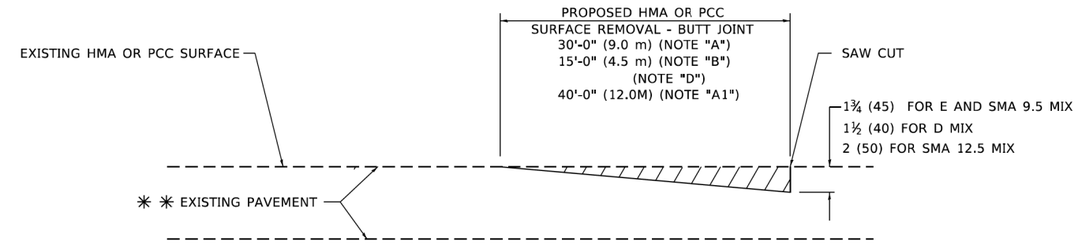
OPTION 2

TYPICAL TEMPORARY RAMP

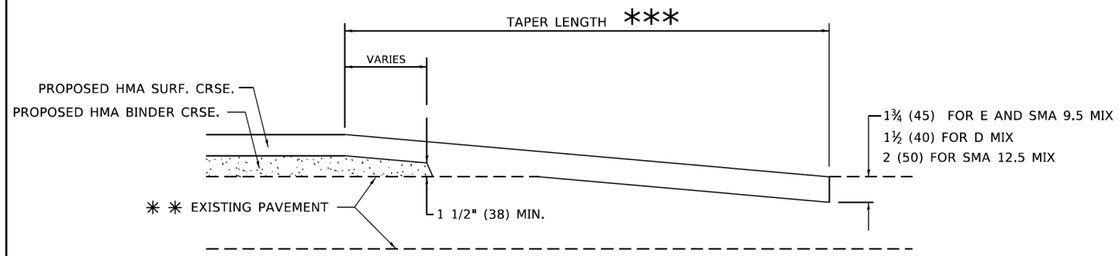


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97	
	DRAWN -	REVISED - M. GOMEZ 04-06-01	
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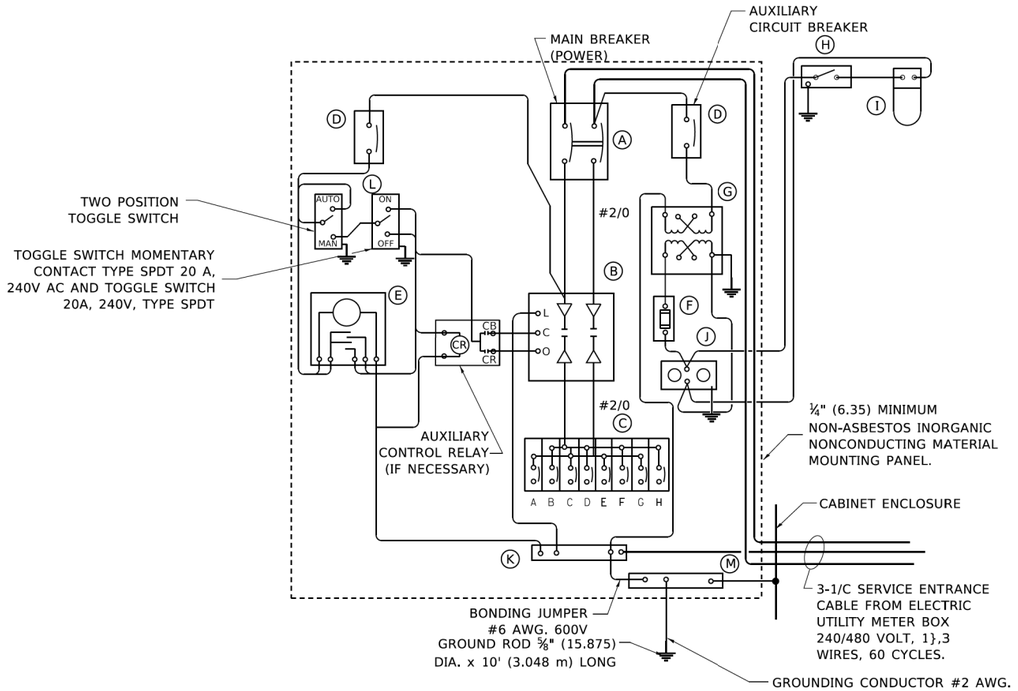
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	BD400-05 BD-32	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

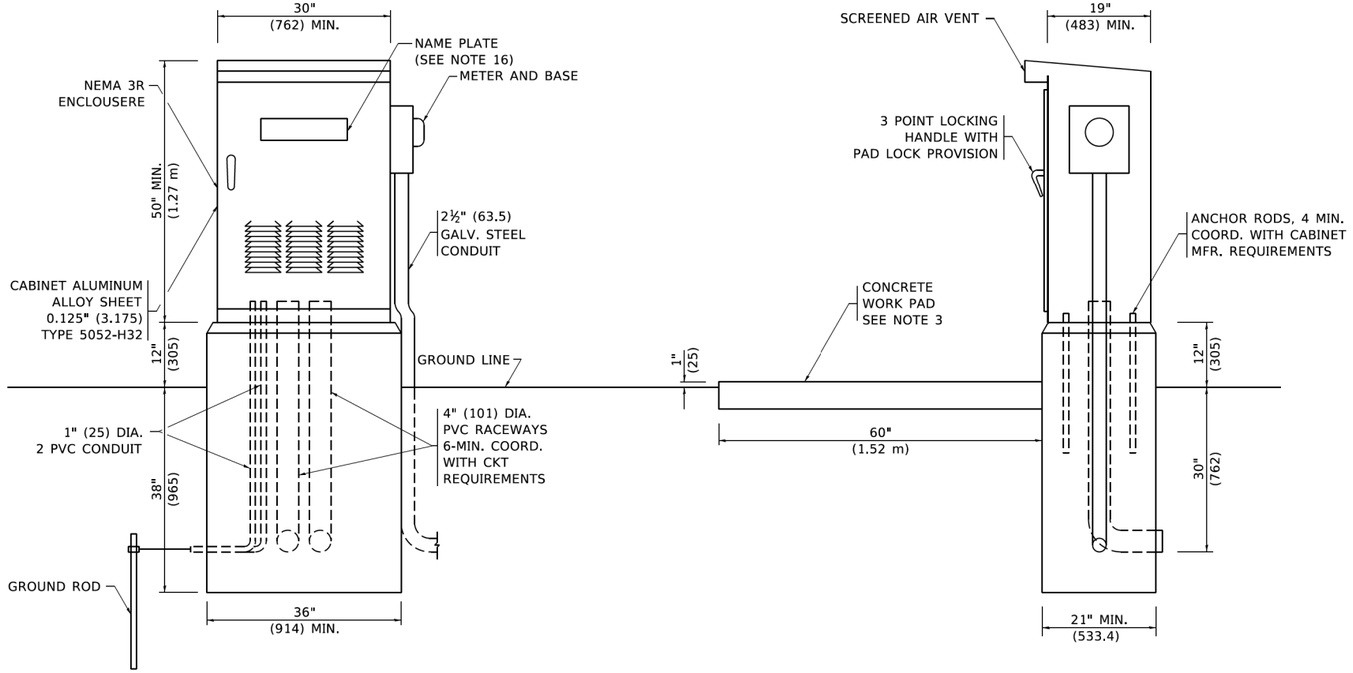
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PANEL WIRING DIAGRAM

PANEL EQUIPMENT

BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 480 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUIT 240 VOLT.
C	8	CIRCUIT BREAKERS, 1 POLE, 100AMP. FRAME, 50 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER. 1 POLE, 240 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
E	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER (TIME SWITCH).
F	1	20 AMP, 120 VOLT FUSE.
G	1	1.5 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 Hz.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN,
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 AMP, 120 VOLT, DUPLEX RECEPTACLE, GFCI.
K	1	COPPER GROUND BUS 1#4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
L	1	TOGGLE SWITCHES MOUNTED IN 4" (101.6) X 4" (101.6 mm) BOX.
M	1	COPPER GROUND BUS 1#4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS.



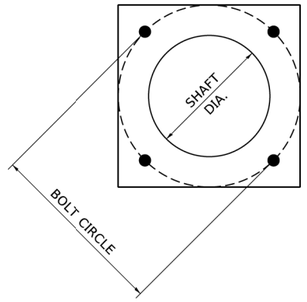
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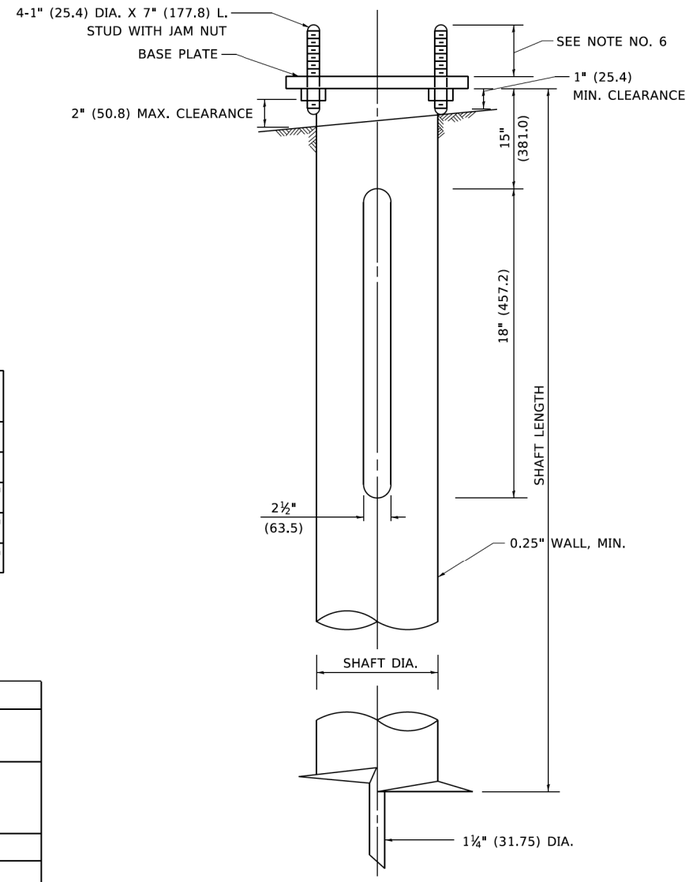
1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
3. IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2'' (50.8 mm) TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE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

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	DRAWN -	REVISED -			
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -			
PLOT DATE = 4/19/2019	DATE -	REVISED -		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			96	56
BE-215		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		





HELIX FOUNDATION SIZE

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11½"	8⅝"	6 FT.	12"x12"x1"
31 FT.-35 FT.	11½"	8⅝"	6 FT.	12"x12"x1"
36 FT.-40FT.	15"	8⅝"	6 FT.	15"x15"x1¼"
41 FT.-45 FT.	15"	8⅝"	6 FT.	15"x15"x1¼"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1¼"

METAL HELIX FOUNDATION MATERIALS

ITEM	MATERIAL REQUIREMENT
BASEPLATE	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT	ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW	AASHTO M 183 (ASTM A 635)
PILOT POINT	AASHTO M 270 (ASTM A 575)
ANCHOR RODS/STUDS	AASHTO M 314 (ASTM F 1554)
HEXAGON NUTS	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H
WASHERS	AASHTO M 293 (ASTM F 436)

NOTES

1. ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1#4" (6.35 mm) FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
5. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
6. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
7. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
8. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDTION IS NOT ALLOWED.
9. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB (4,750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
10. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS (± 1°) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
11. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE (± 2°).
12. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.

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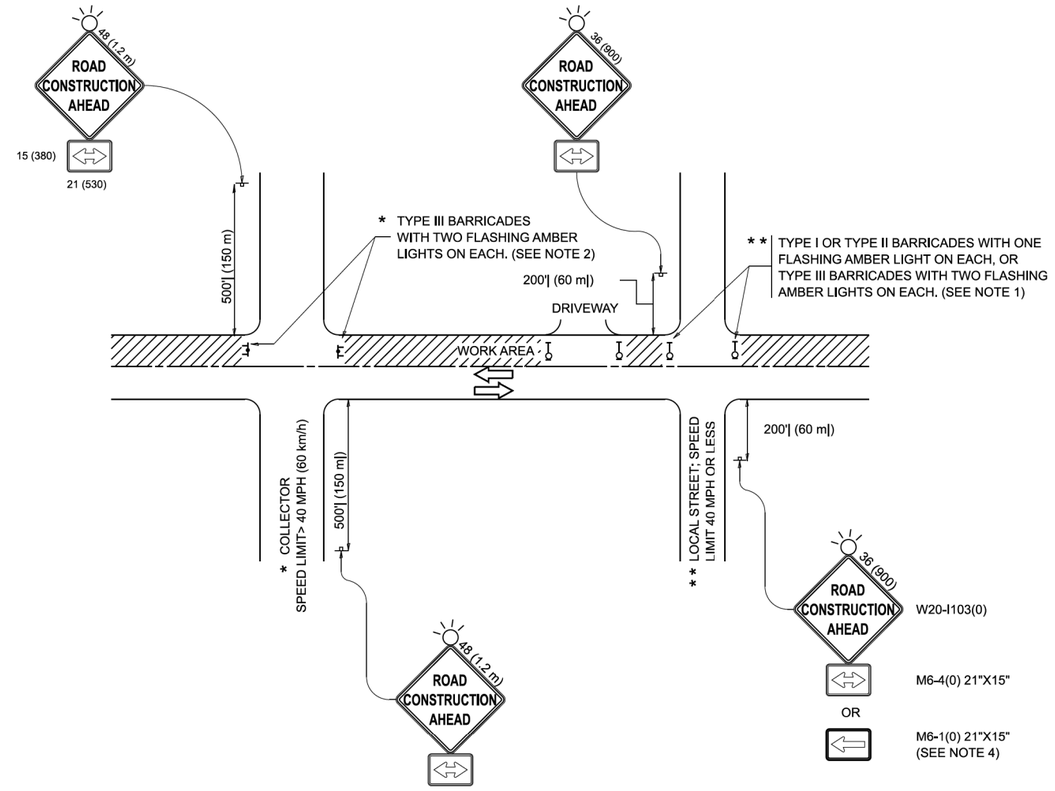
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION, METAL

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			96	57
	BE-305		CONTRACT NO.	
	ILLINOIS	FED. AID PROJECT		

be305.dgn 4/19/2019 2:21:18 PM User=footemj



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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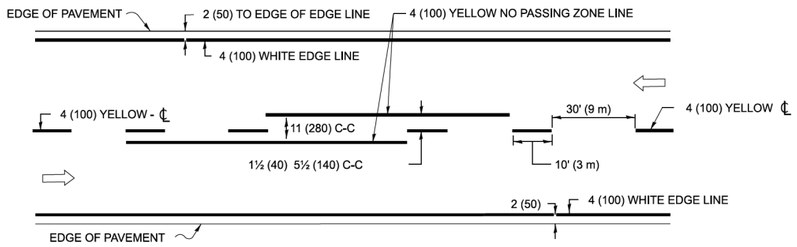
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

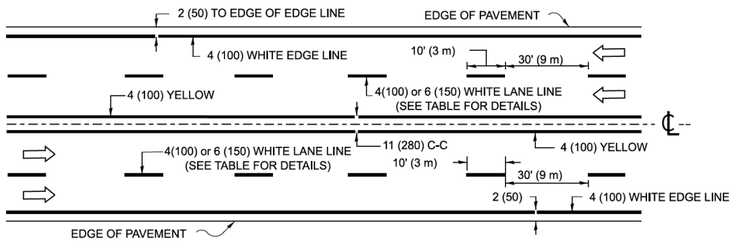
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	TC-10	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

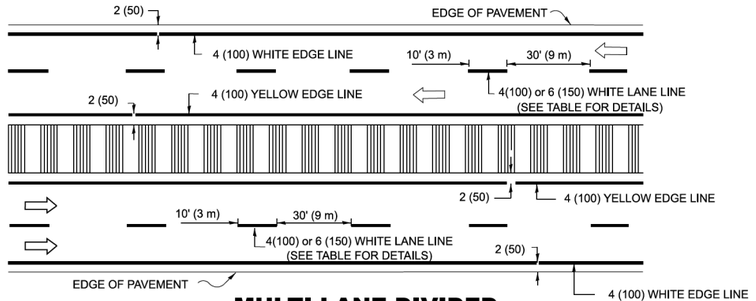
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2-LANE ROADWAY

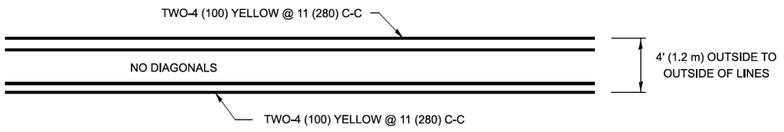


MULTI-LANE UNDIVIDED

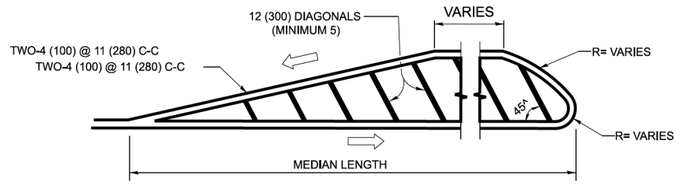


MULTI-LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



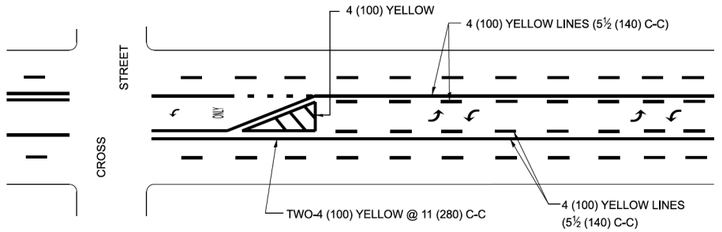
4' (1.2 m) WIDE MEDIANS ONLY



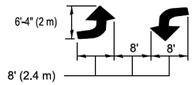
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

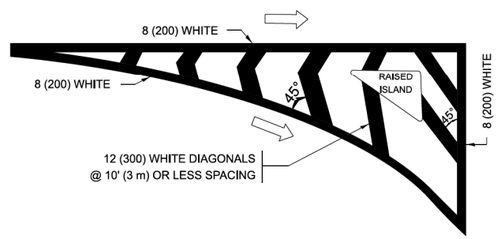


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR.
ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

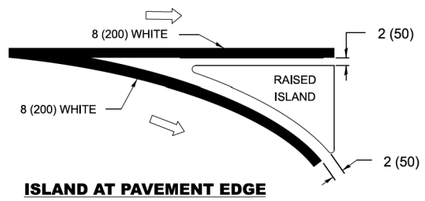


MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

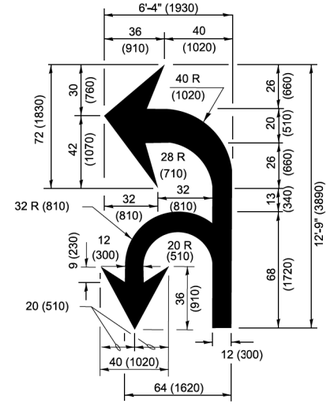


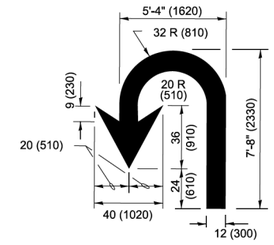
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

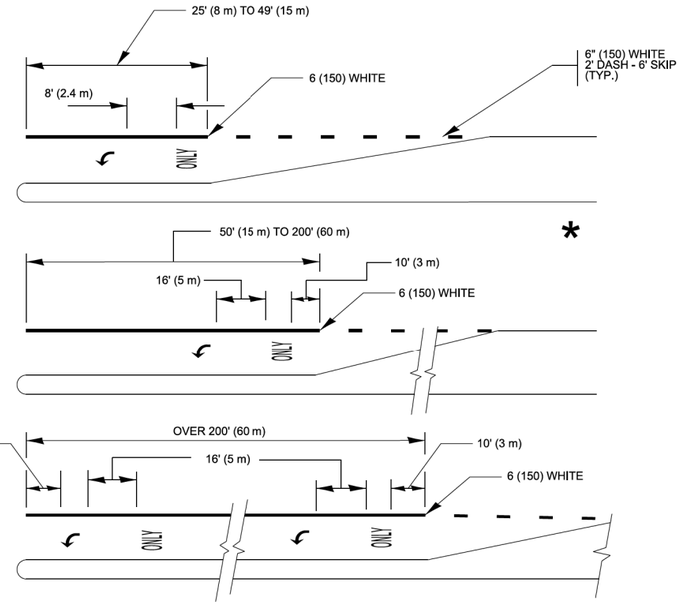
TYPICAL ISLAND MARKING





COMBINATION LEFT AND U-TURN

U-TURN



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

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

TYPICAL LEFT (OR RIGHT) TURN LANE MARKING

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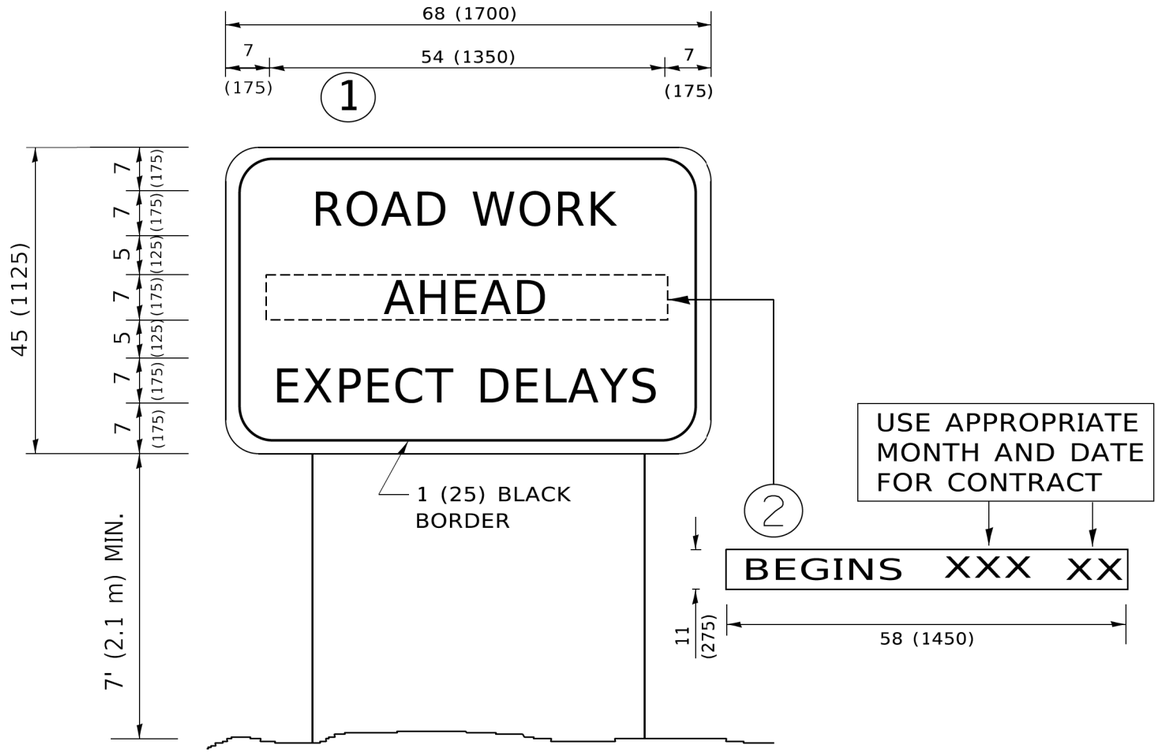
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			96	59
	TC-13A		CONTRACT NO.	
		ILLINOIS	FED. AID PROJECT	

TC-13.dgn 6/29/2026 2:26:49 PM User=lawrence.demanche



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

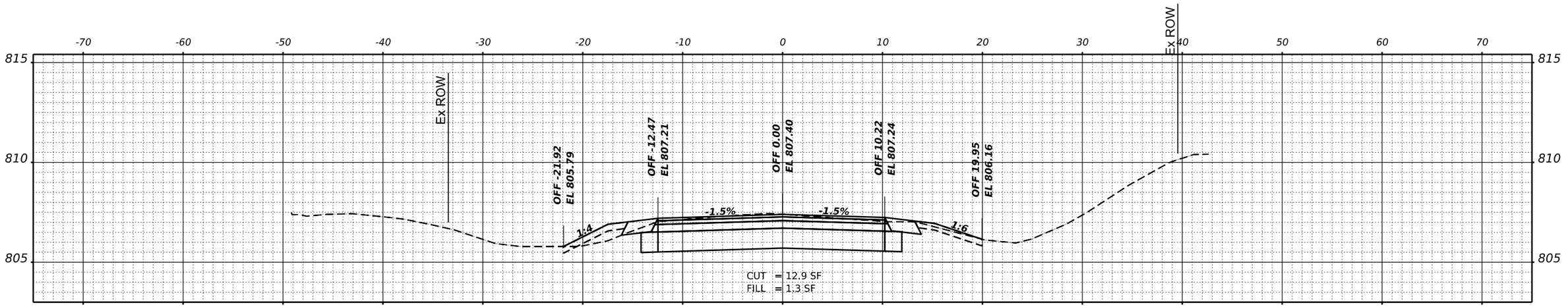
ARTERIAL ROAD INFORMATION SIGN

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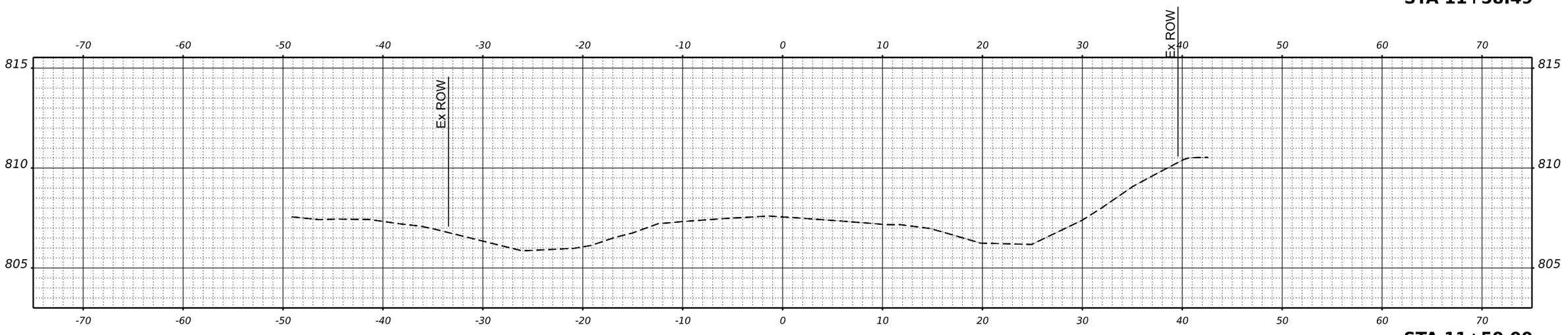
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SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		



STA 11+58.49



STA 11+50.00

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

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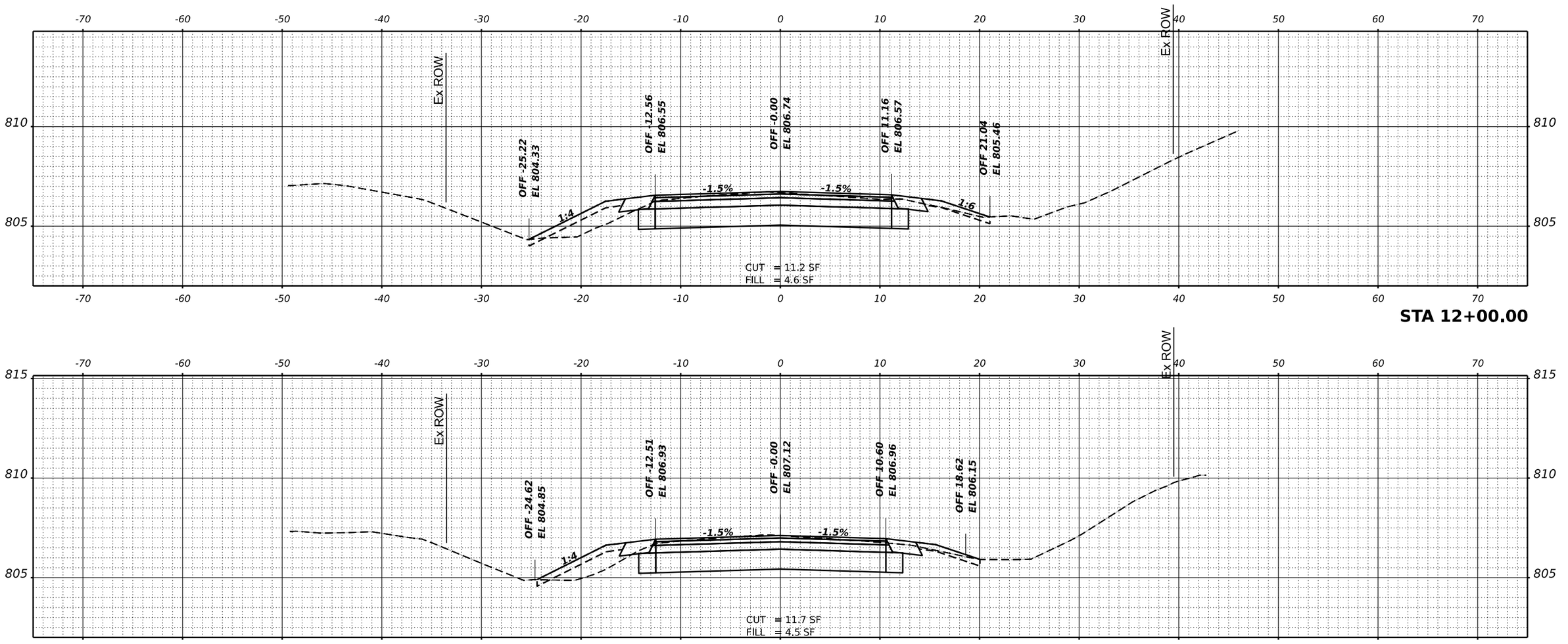
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

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		ILLINOIS	FED. AID PROJECT	

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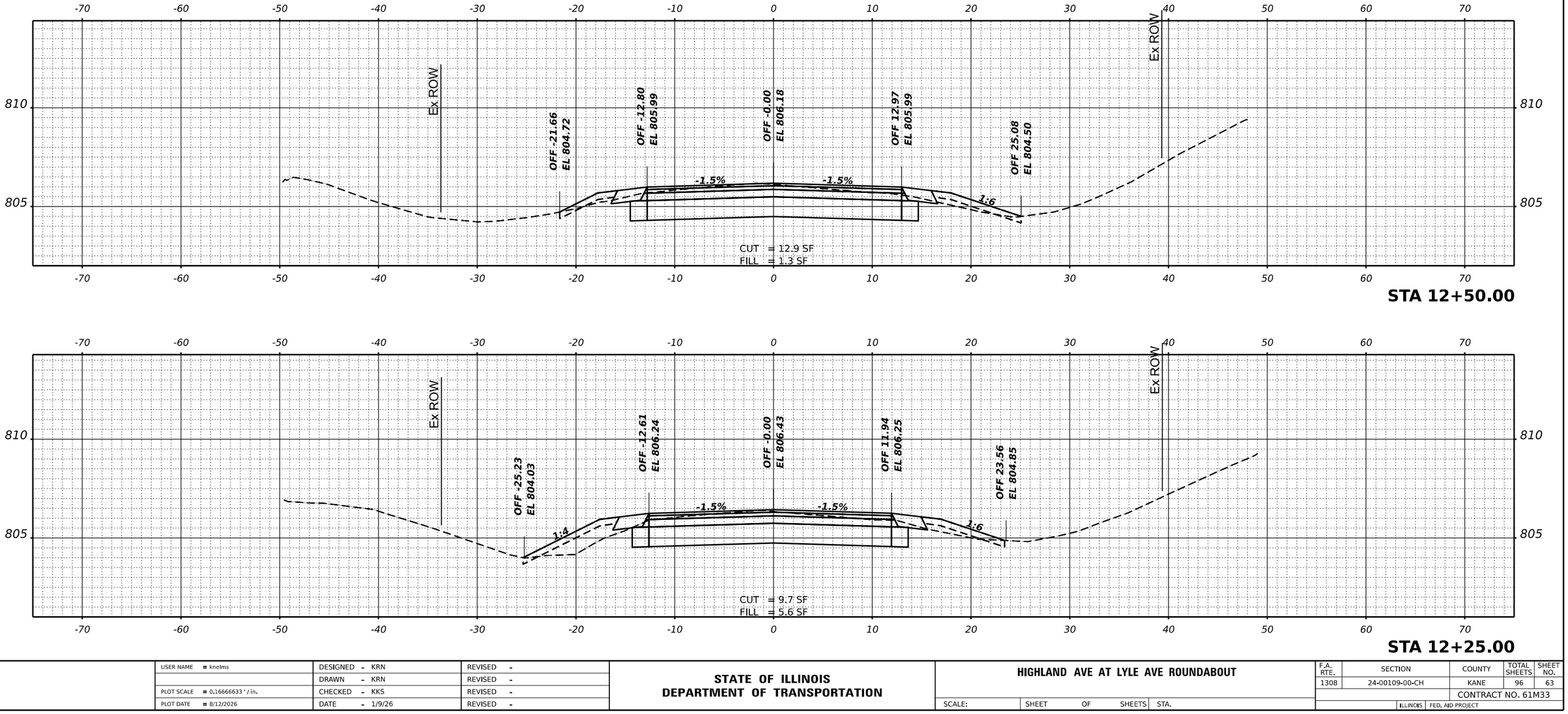


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		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY

NOTE BOOK	BY	DATE
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	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY

NOTE BOOK	BY	DATE
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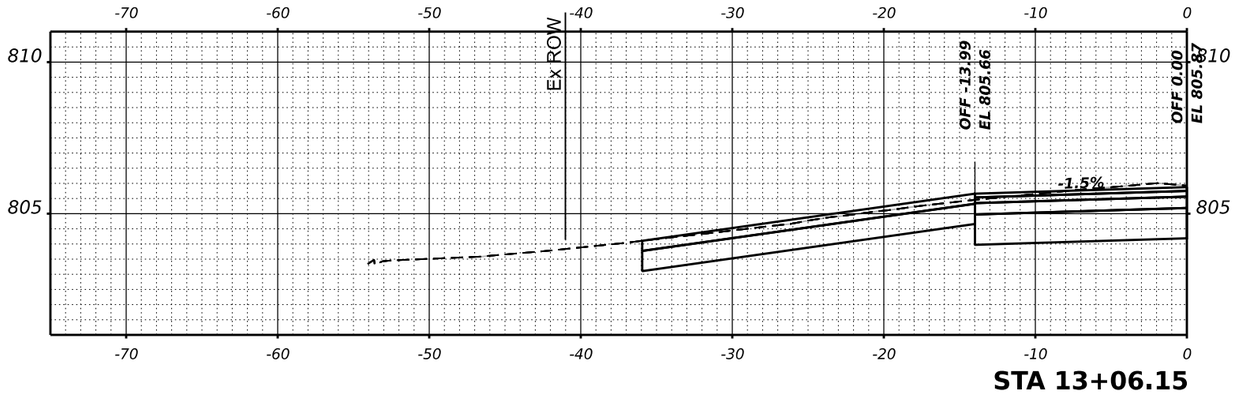
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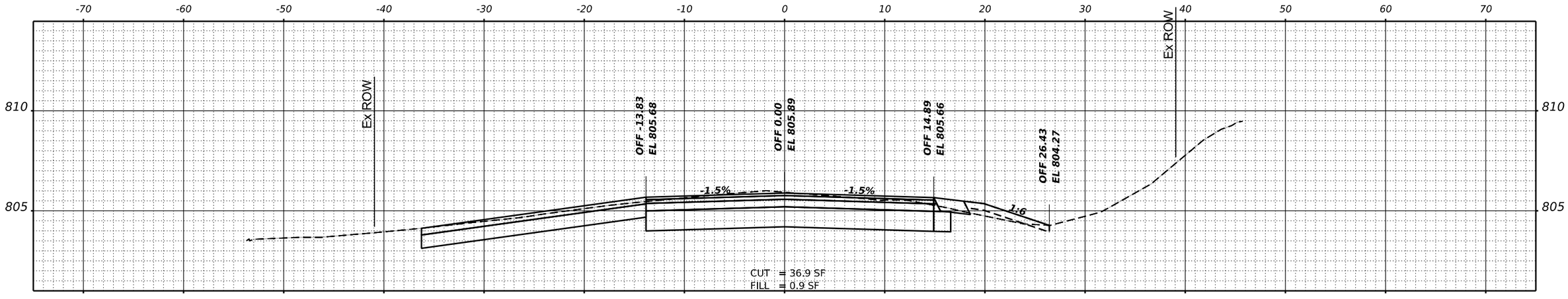
HIGHLAND AVE AT LYLE AVE ROUNDABOUT

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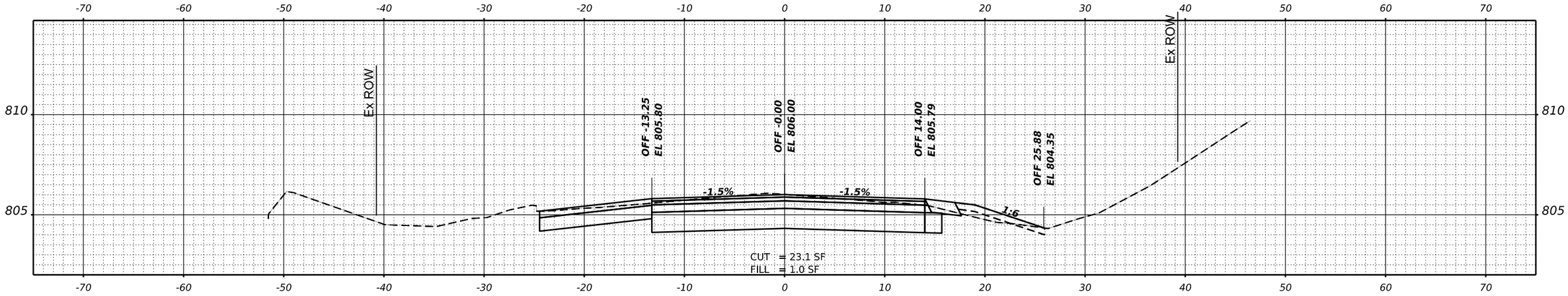
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STA 13+00.00



STA 12+75.00

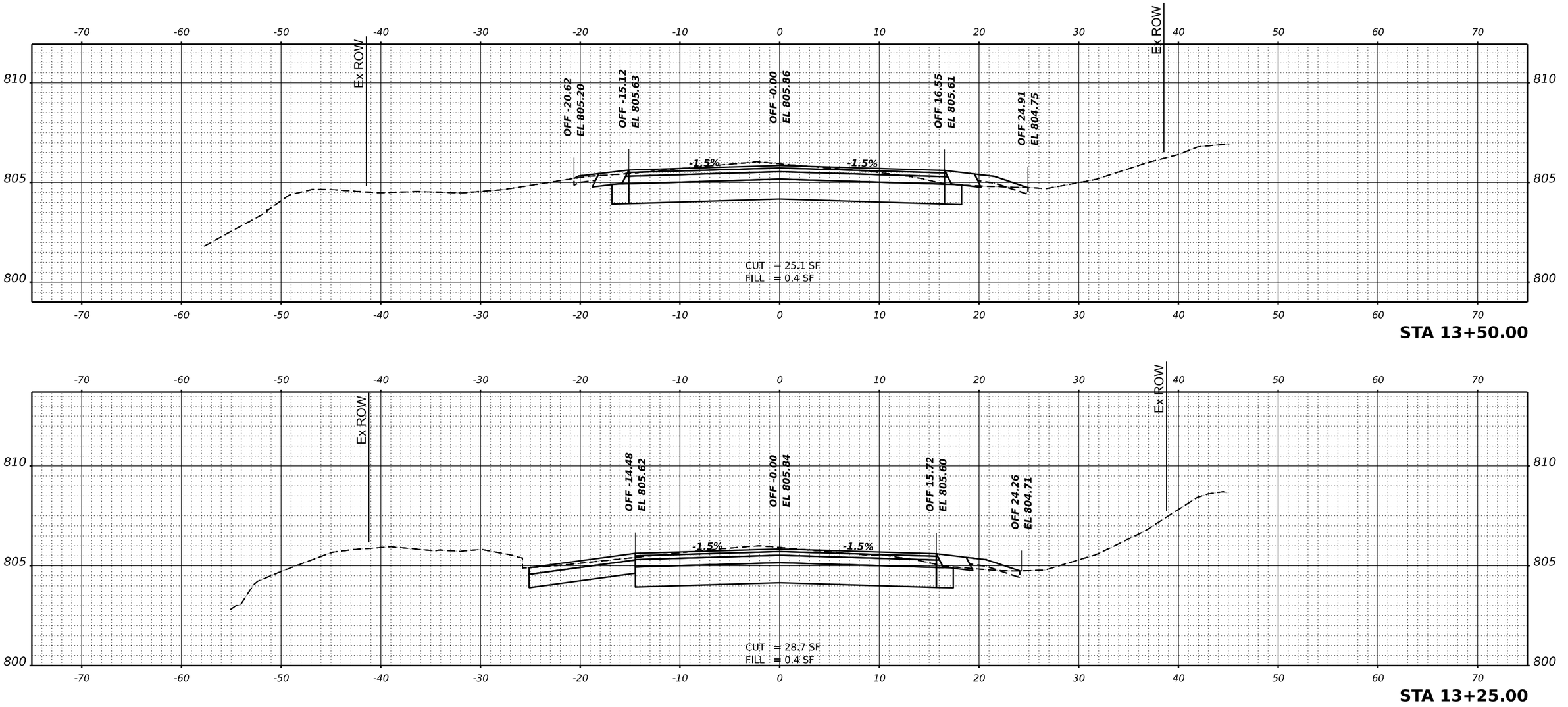
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		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

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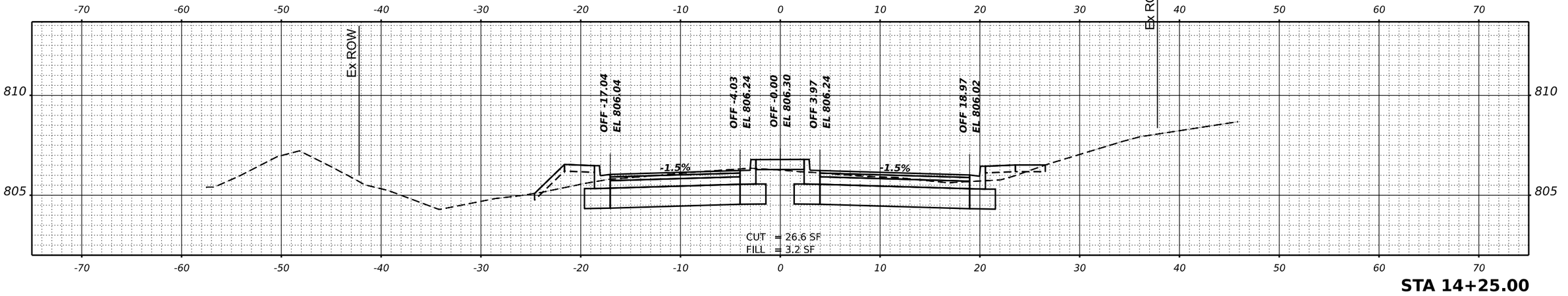
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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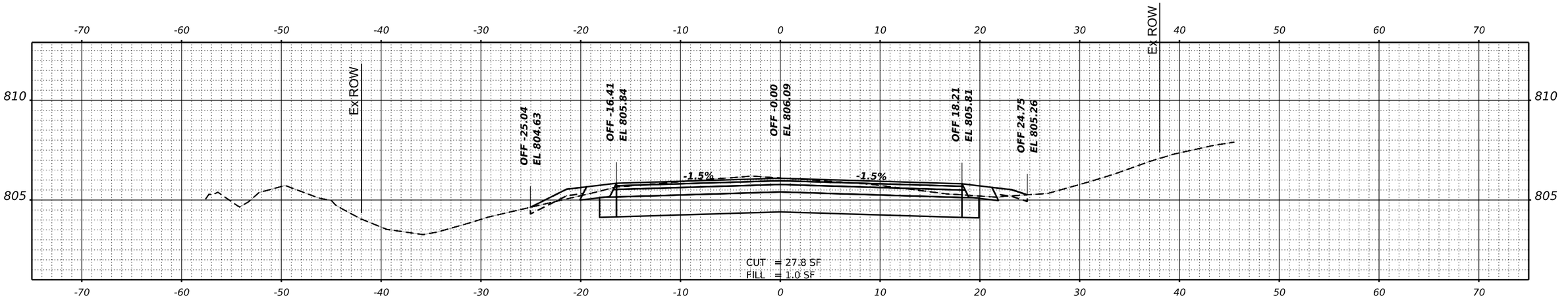
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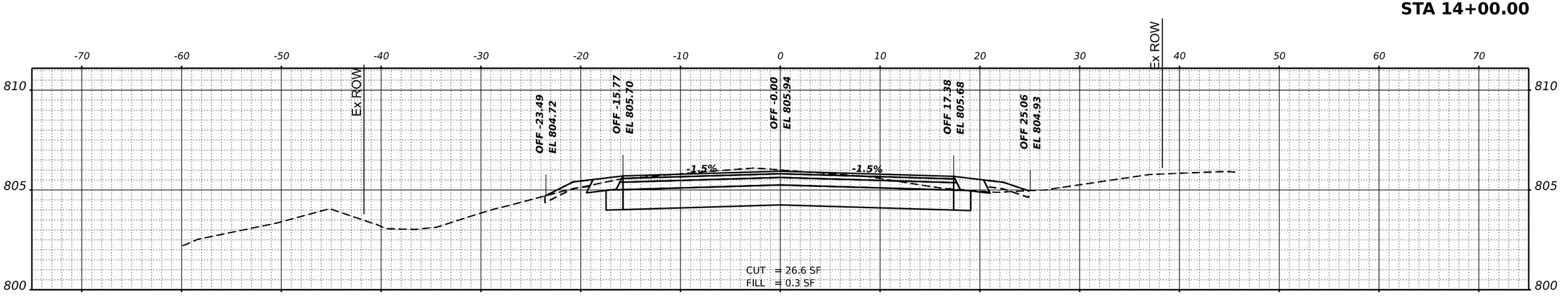
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STA 14+25.00



STA 14+00.00



STA 13+75.00

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PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

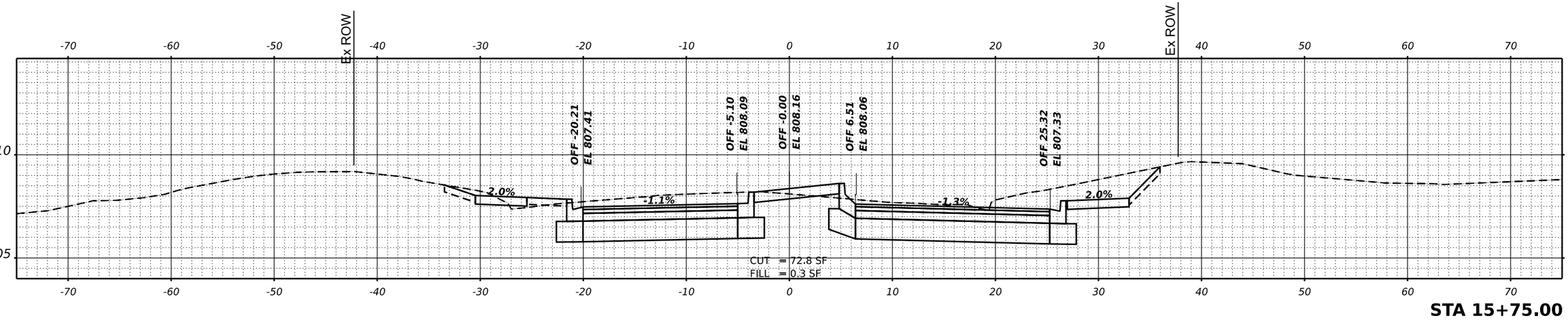
HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

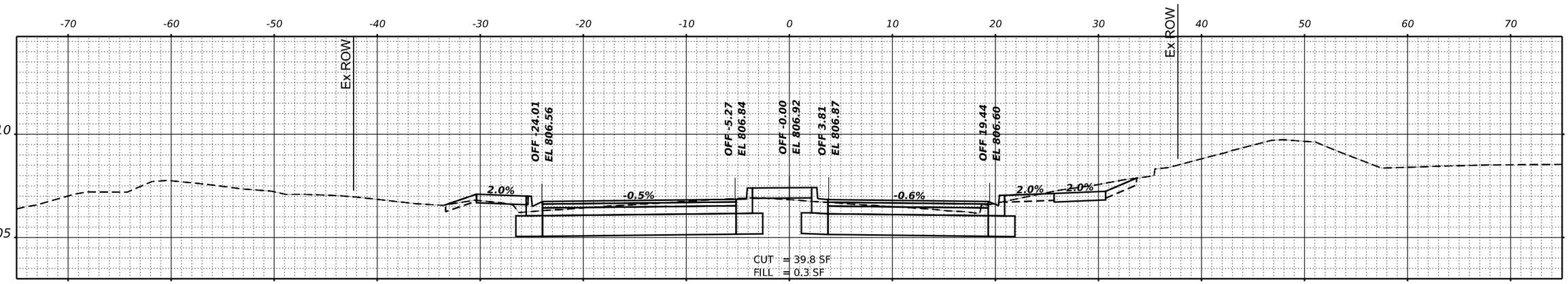
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	66
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

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

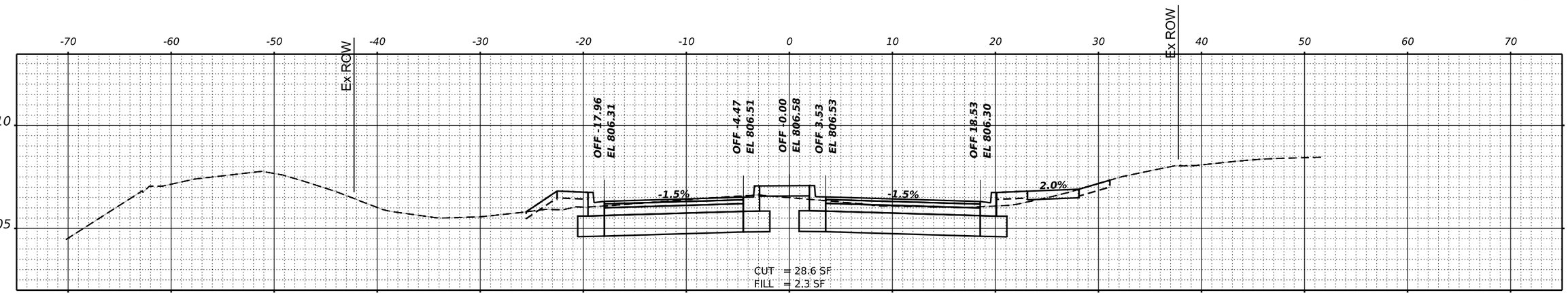
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STA 15+75.00



STA 14+75.00



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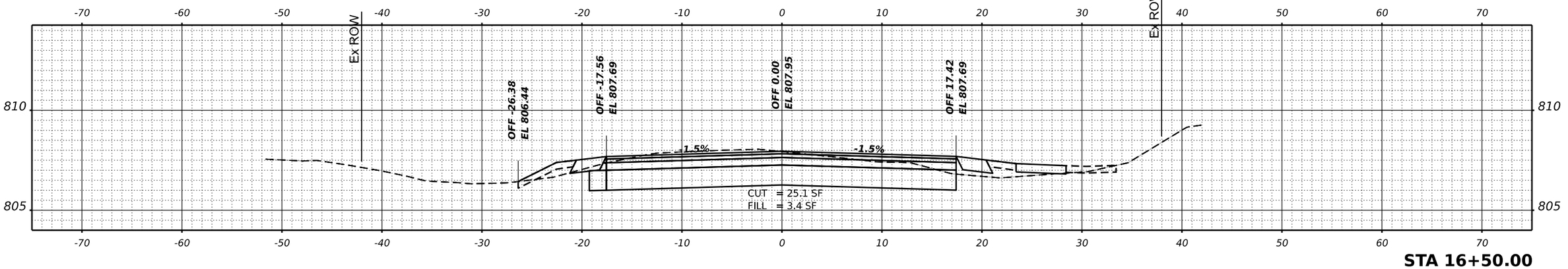
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	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	**HIGHLAND AVE AT LYLE AVE ROUNDABOUT**
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	67
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

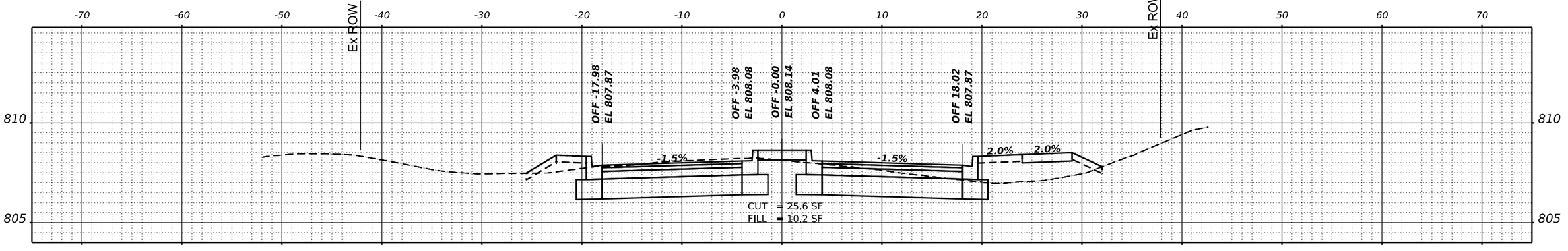
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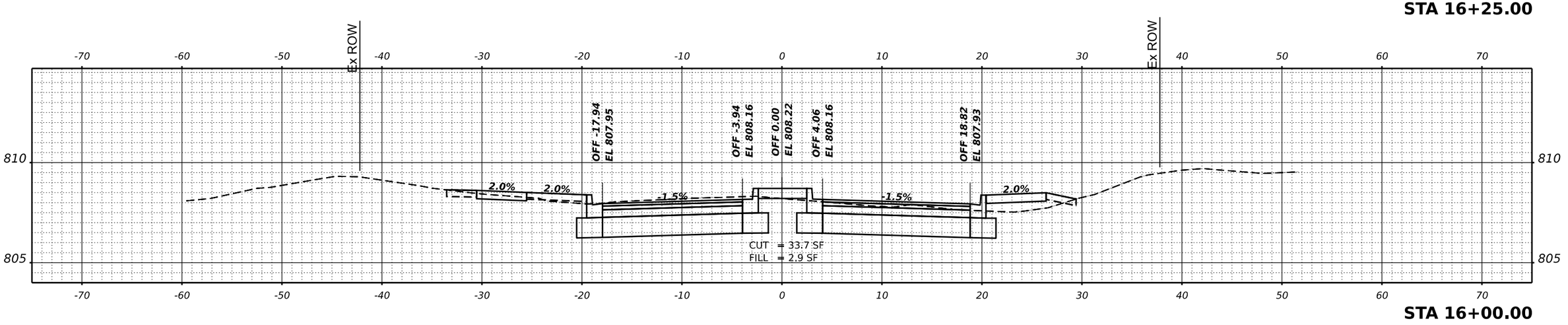
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STA 16+50.00



STA 16+25.00



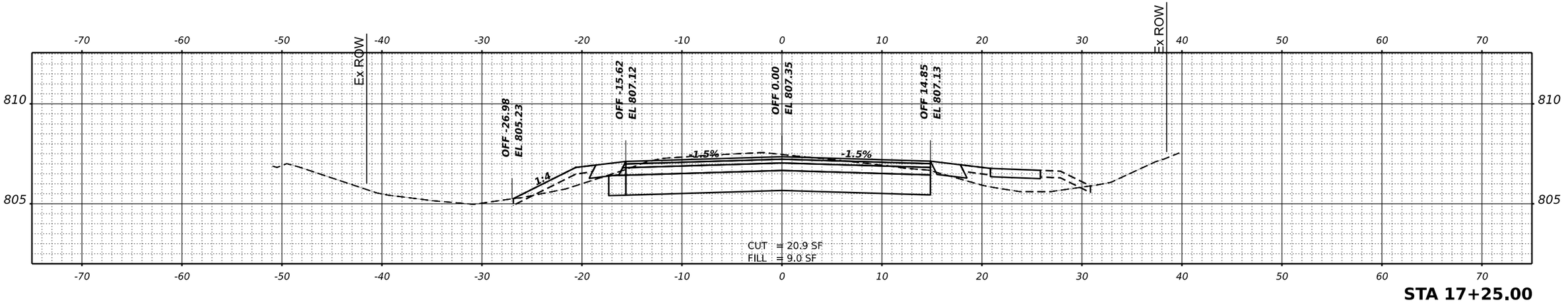
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	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	**HIGHLAND AVE AT LYLE AVE ROUNDABOUT**
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	SCALE: SHEET OF SHEETS STA.

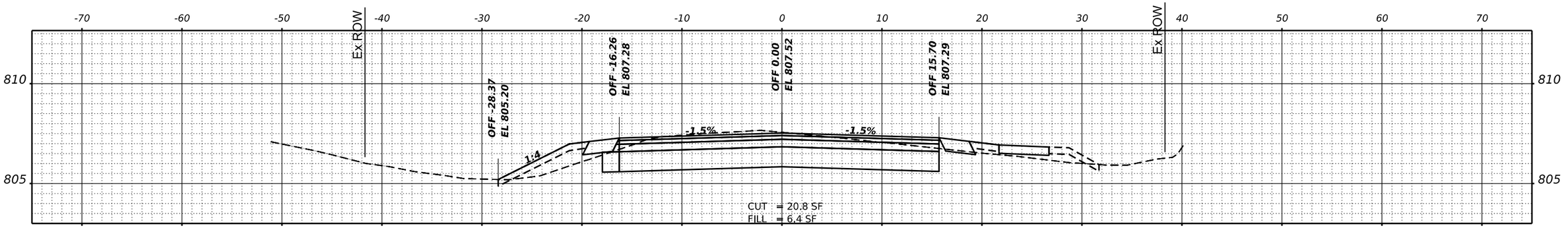
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	68
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

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

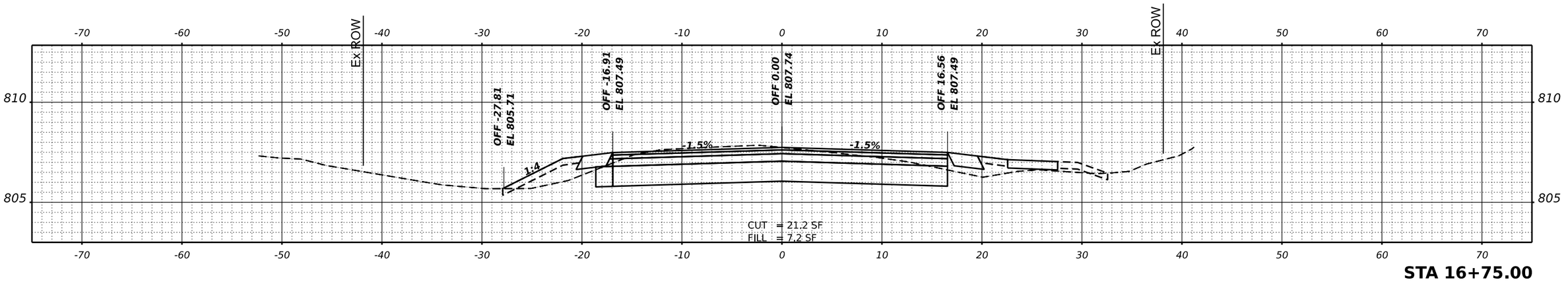
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STA 17+25.00



STA 17+00.00



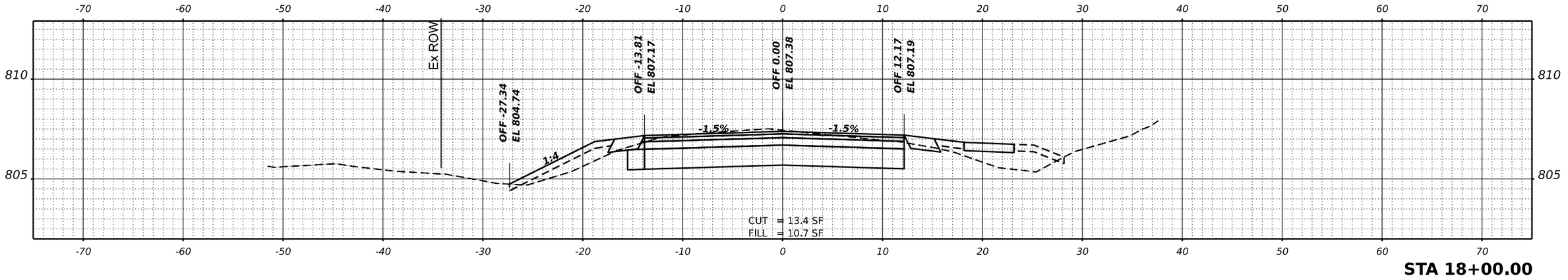
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USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	**HIGHLAND AVE AT LYLE AVE ROUNDABOUT**
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	SCALE: SHEET OF SHEETS STA.

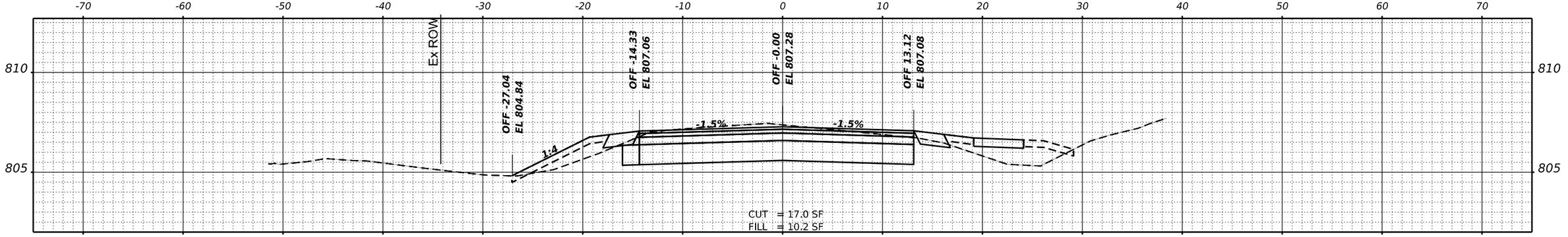
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	69
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

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

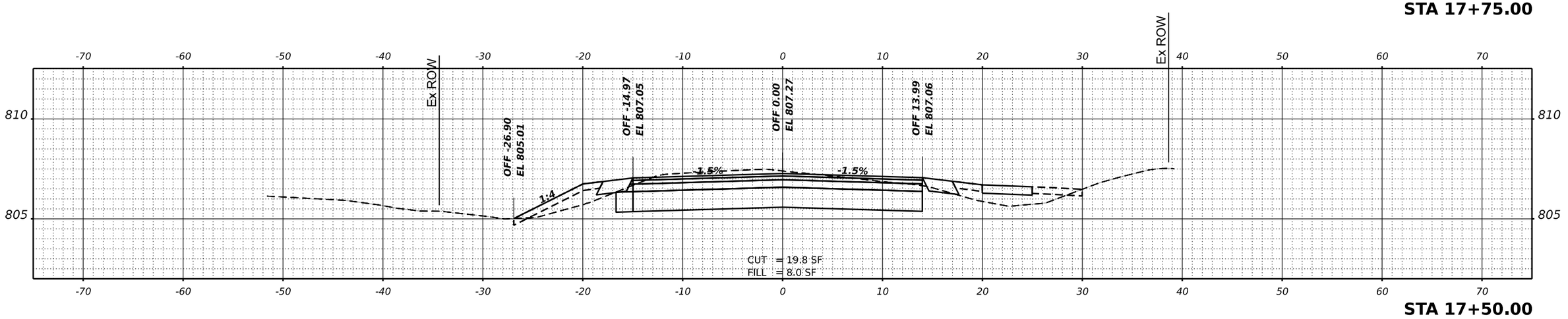
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STA 18+00.00



STA 17+75.00



STA 17+50.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

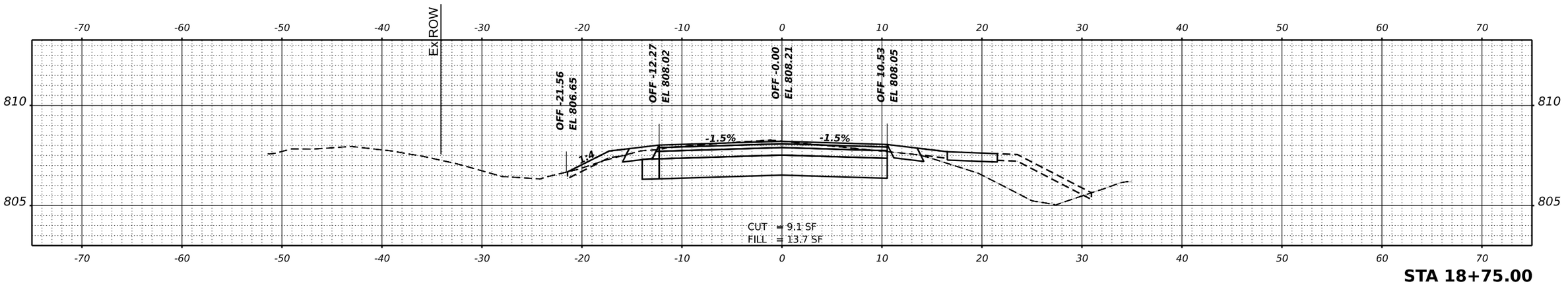
HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

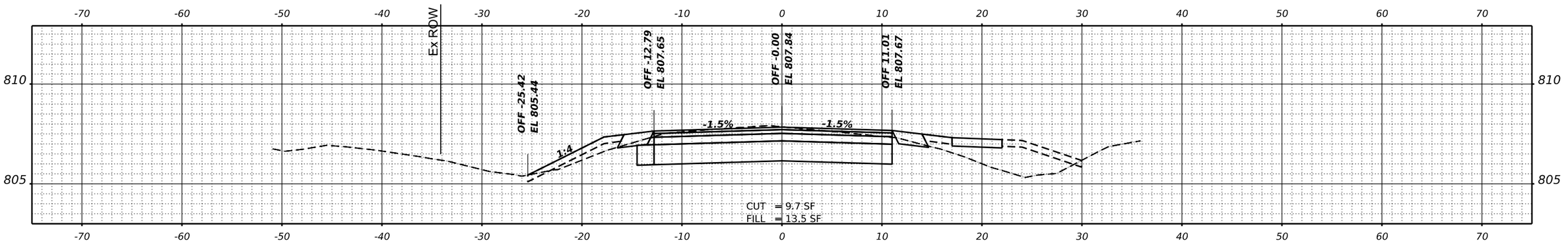
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	70
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

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

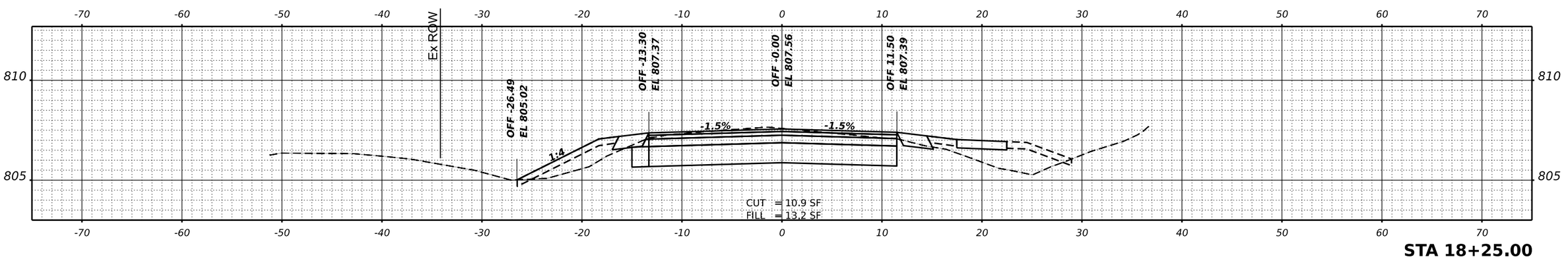
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STA 18+75.00



STA 18+50.00



STA 18+25.00

USER NAME = knelms	DESIGNED - KRN	REVISED -
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PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

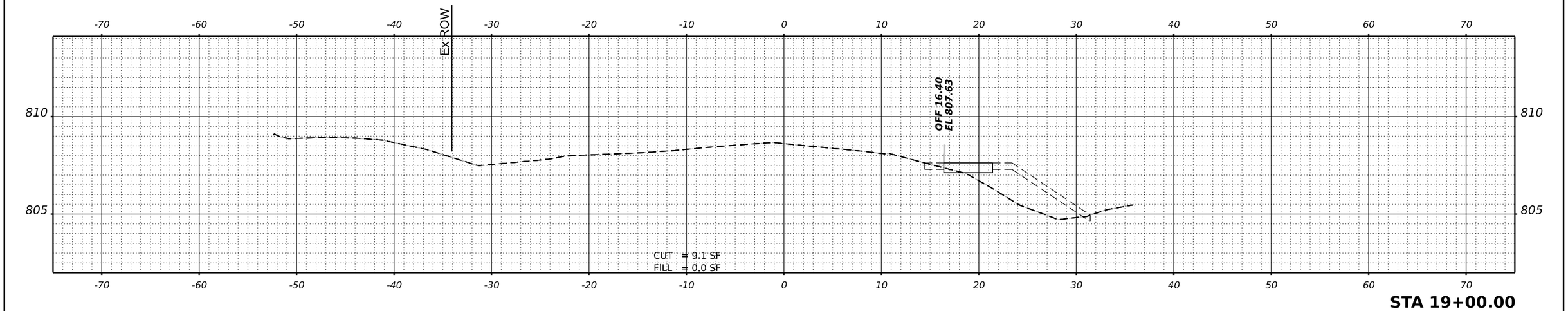
SCALE: | SHEET OF SHEETS | STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

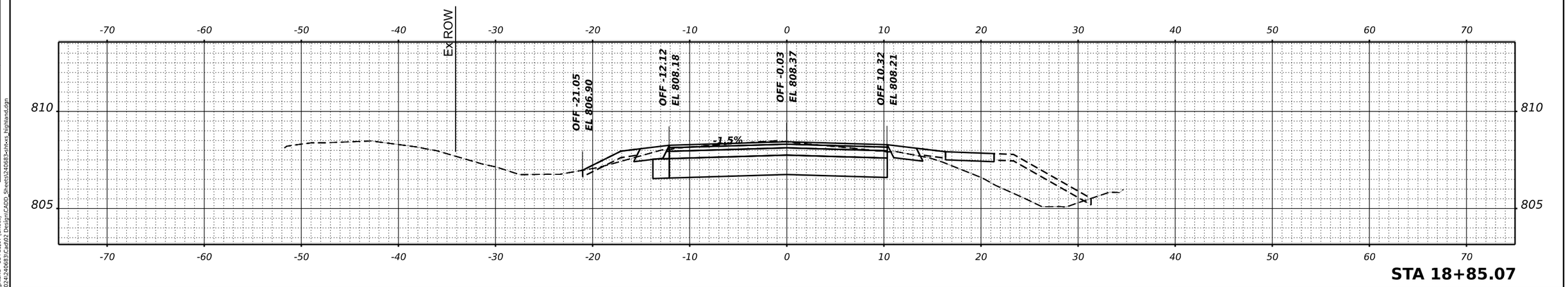
FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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



STA 19+00.00



STA 18+85.07

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

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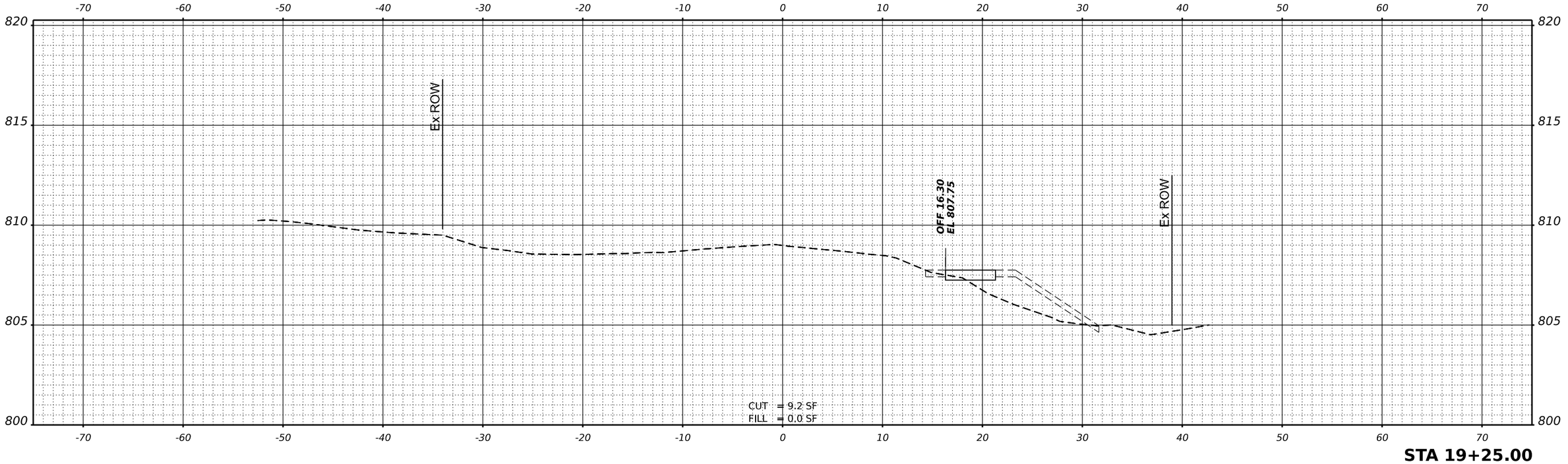
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	72
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		



STA 19+25.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

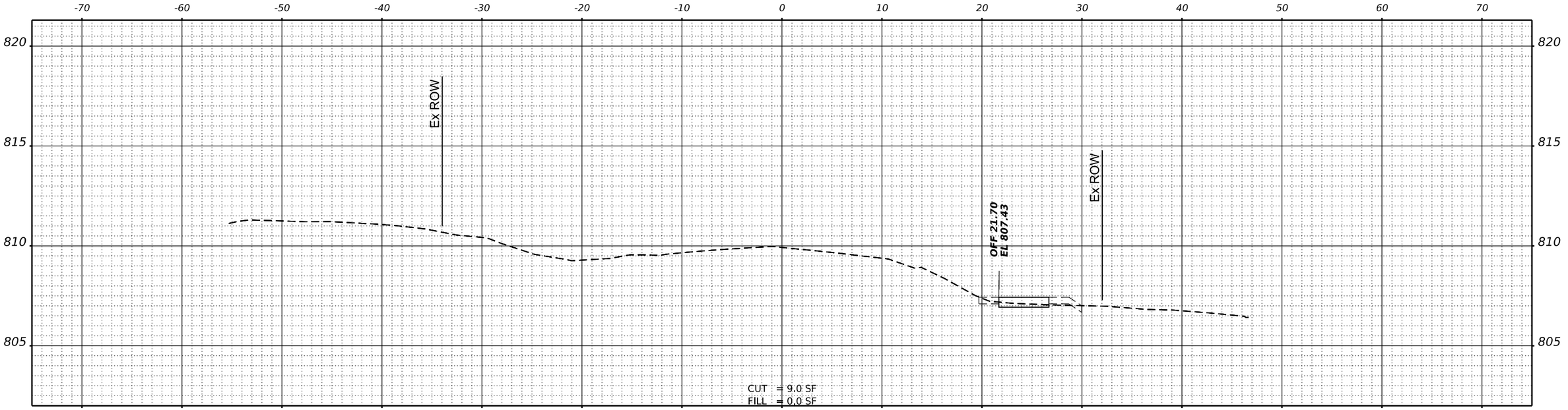
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61M33		
		ILLINOIS FED. AID PROJECT		

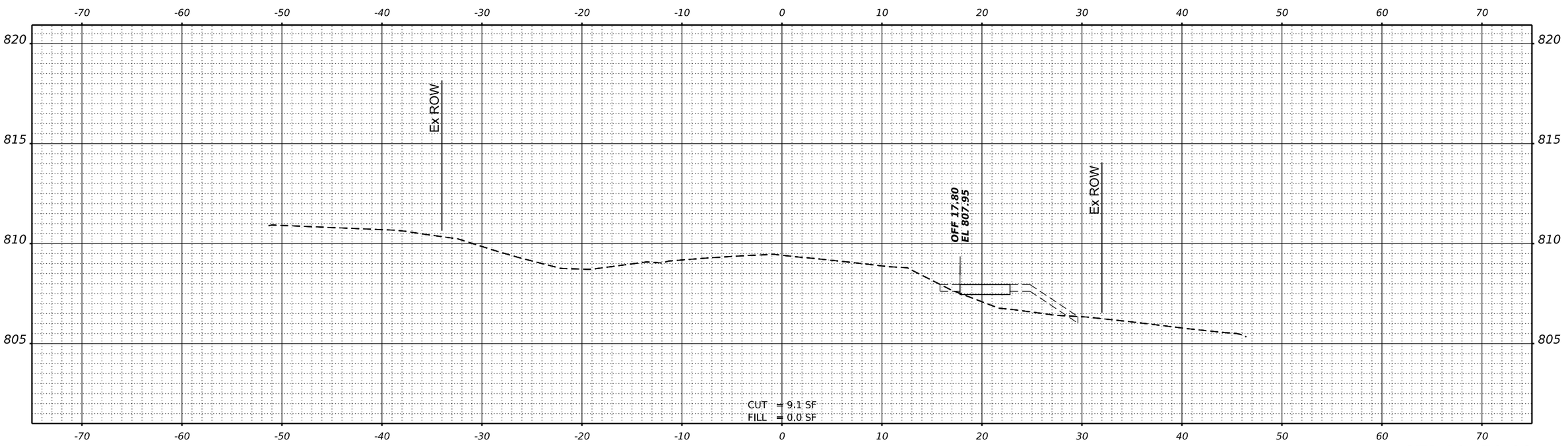
FINAL SURVEY
NOTE BOOK
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SURVEYED
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TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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

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STA 19+75.00



STA 19+50.00

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	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

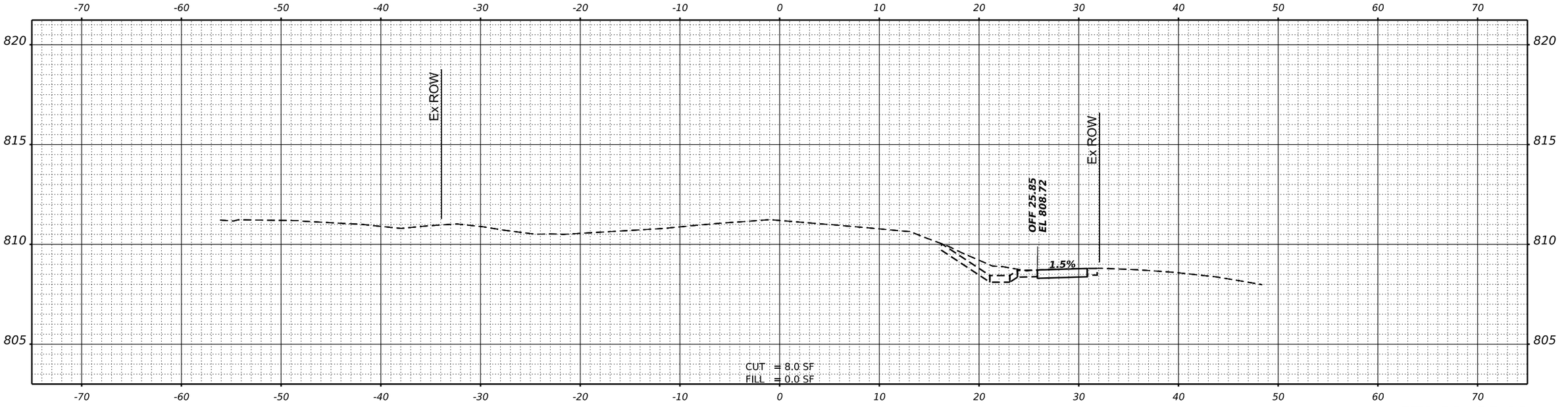
HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

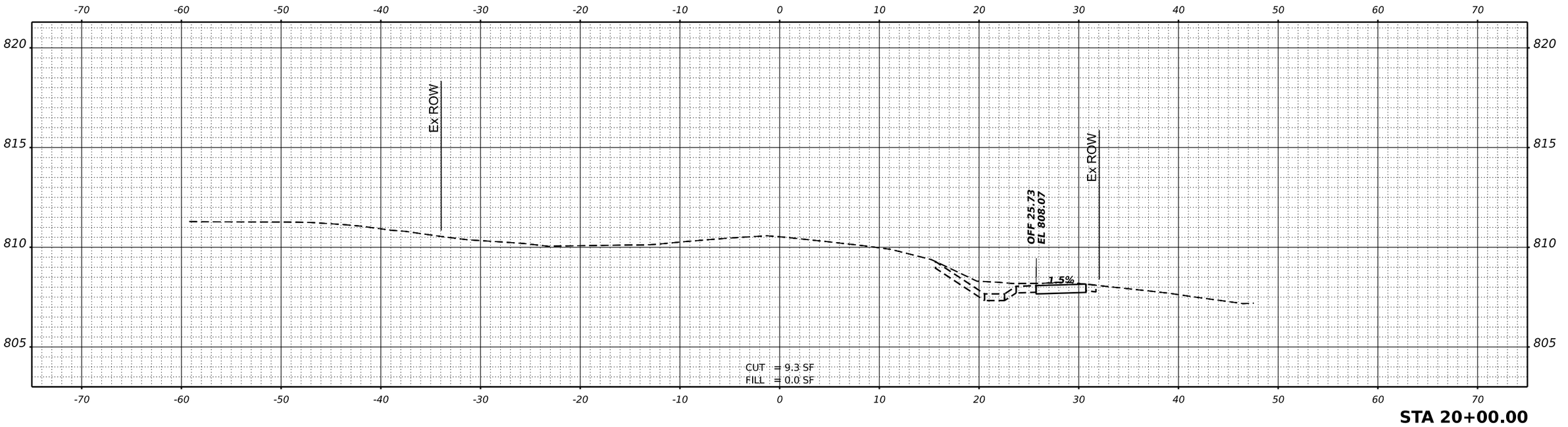
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		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

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

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STA 20+25.00



STA 20+00.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

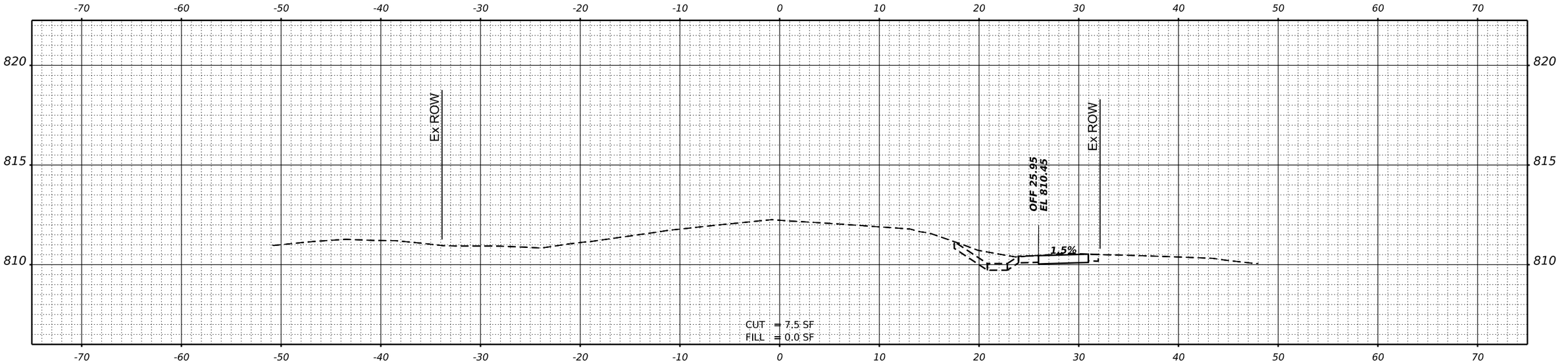
SCALE: | SHEET OF SHEETS | STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

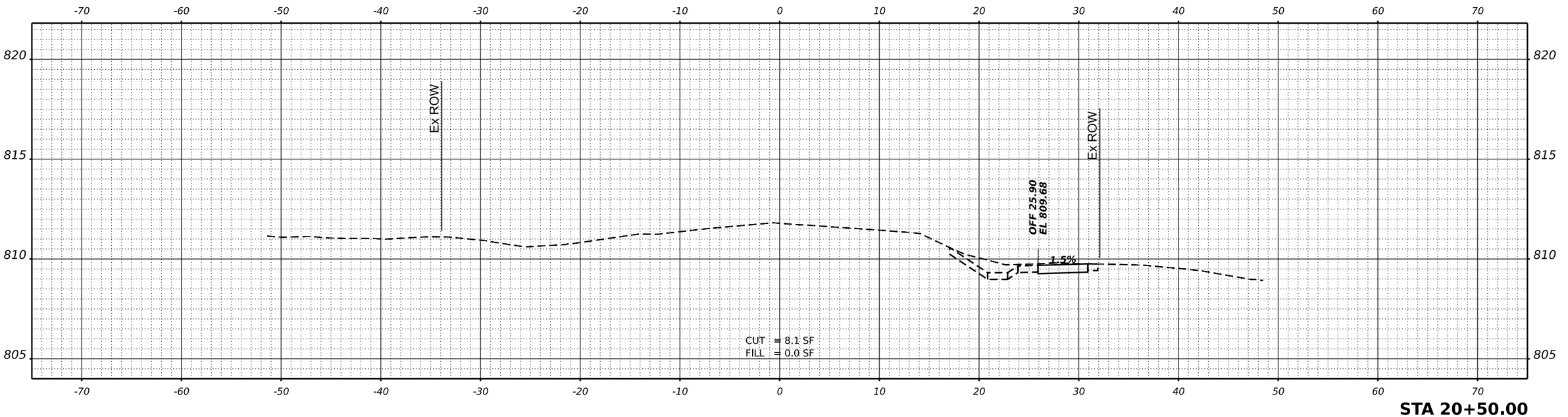
FINAL SURVEY | NOTE BOOK | NO. | BY | DATE
SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

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

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STA 20+75.00



STA 20+50.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

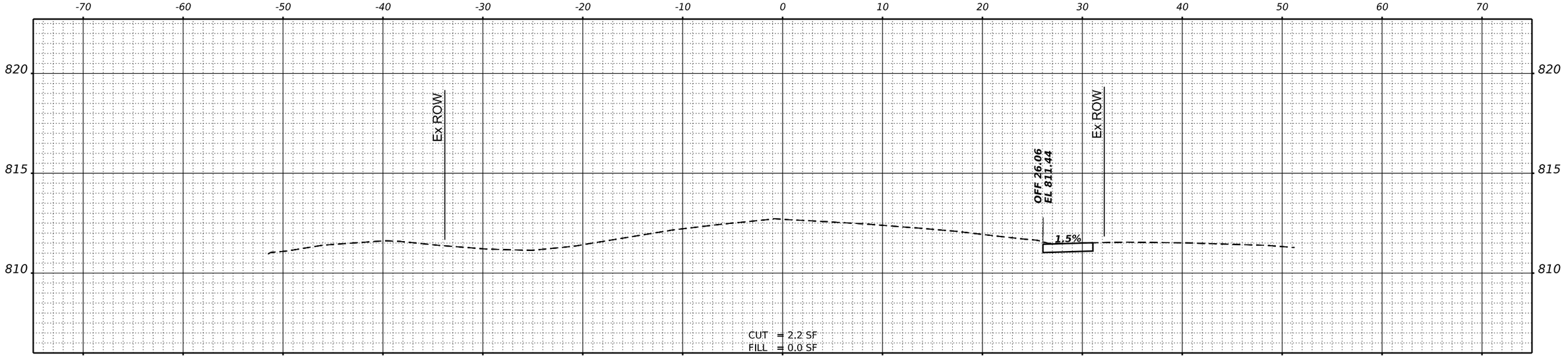
SCALE: | SHEET OF SHEETS | STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	76
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

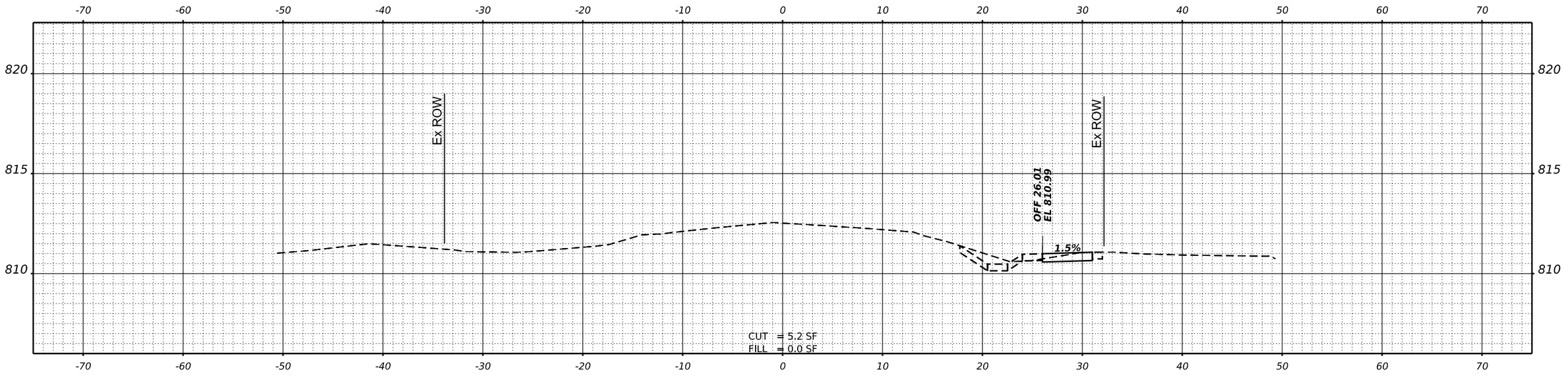
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ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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STA 21+25.00



STA 21+00.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

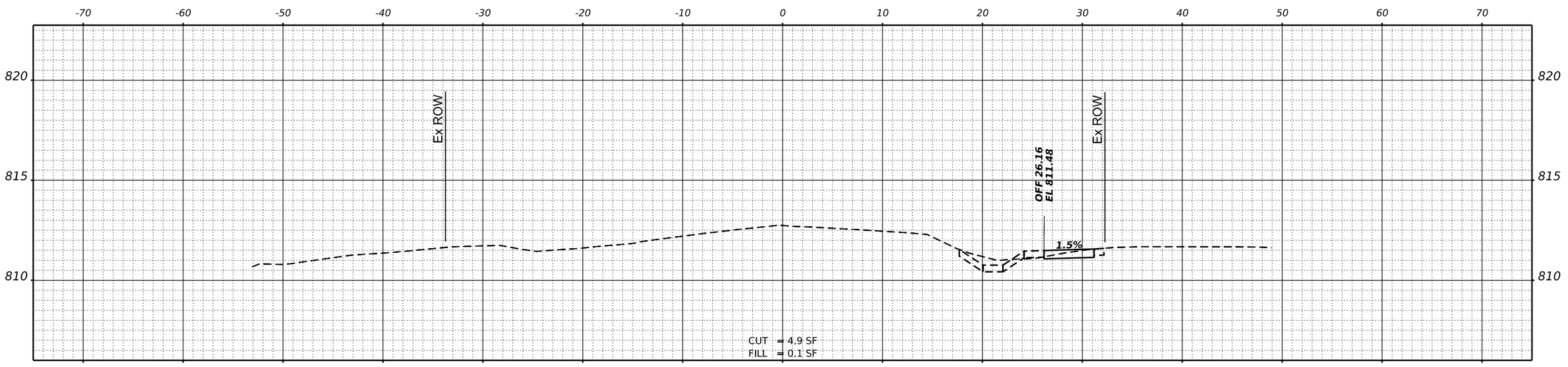
SCALE: | SHEET OF SHEETS | STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	77
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

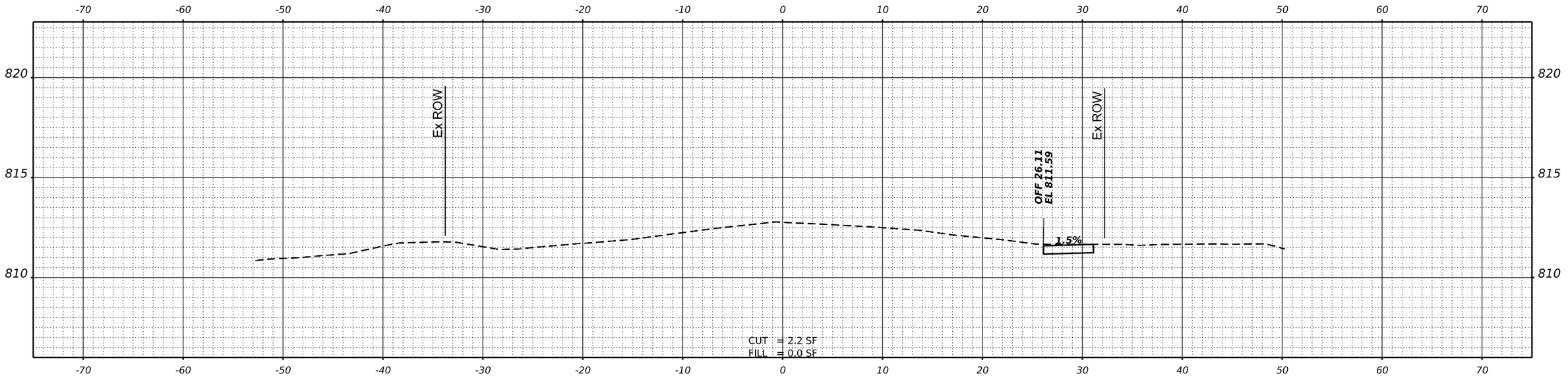
FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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

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STA 21+75.00



STA 21+50.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

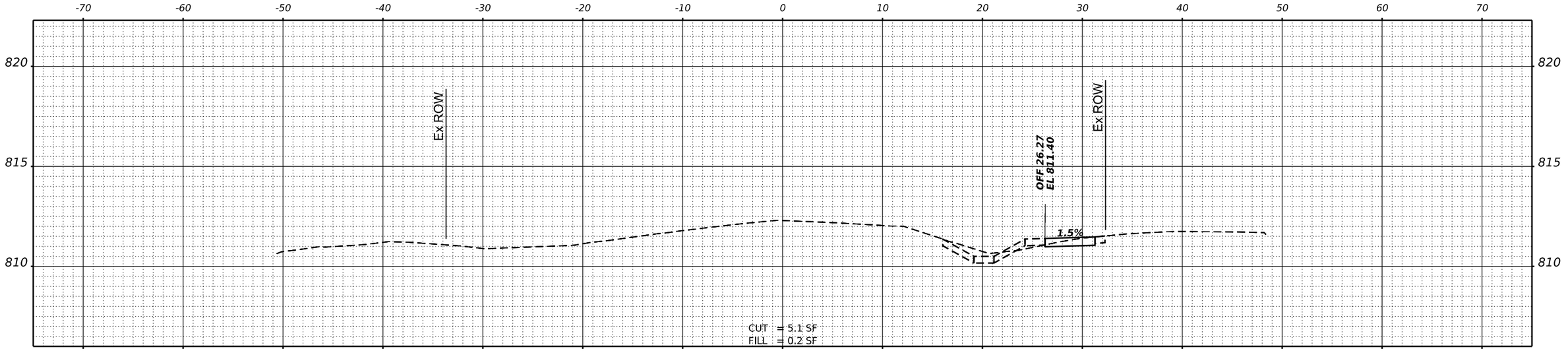
HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

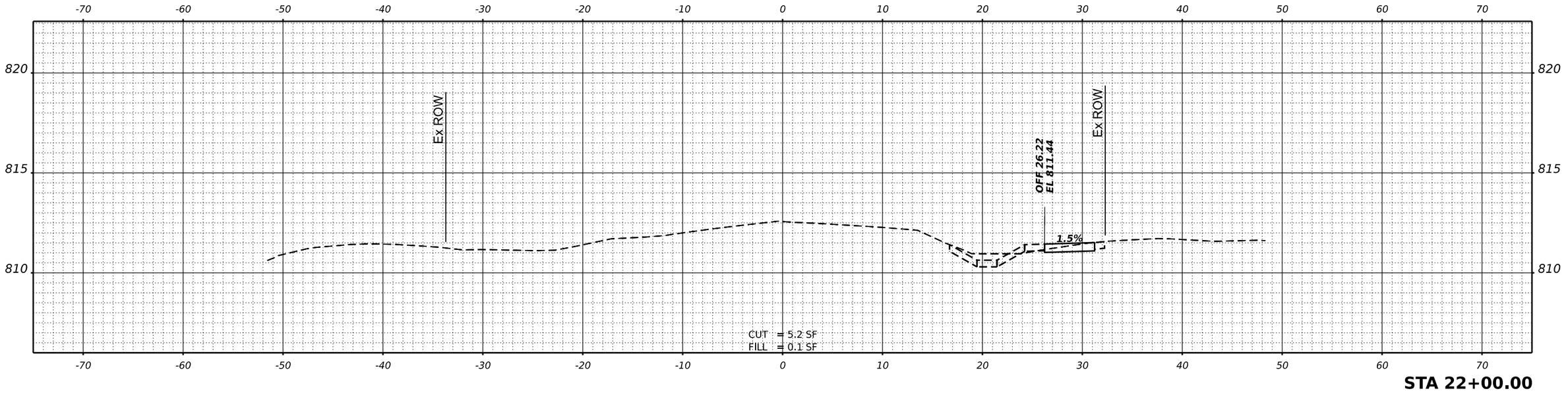
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	78
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

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

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STA 22+25.00



STA 22+00.00

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	DRAWN - KRN	REVISED -
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

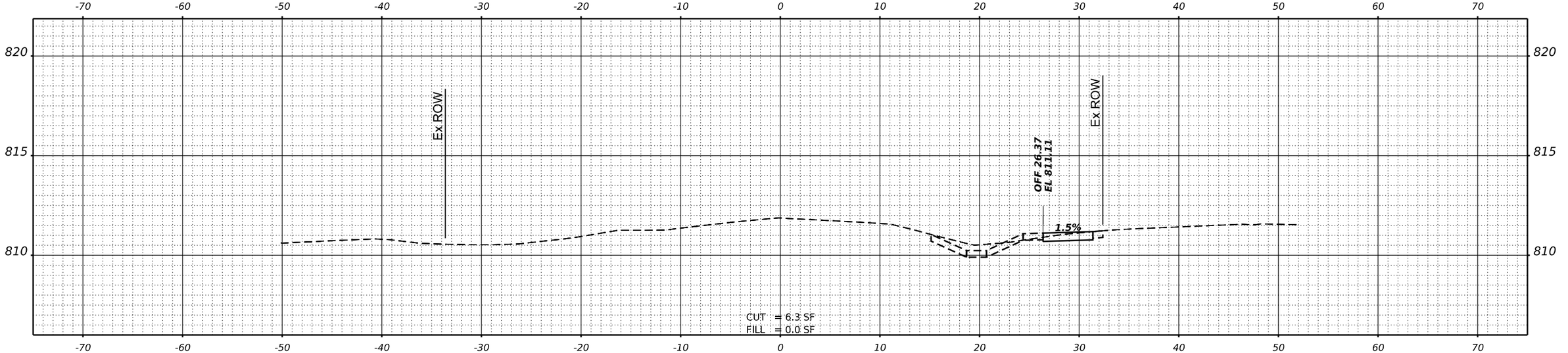
SCALE: | SHEET OF SHEETS | STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

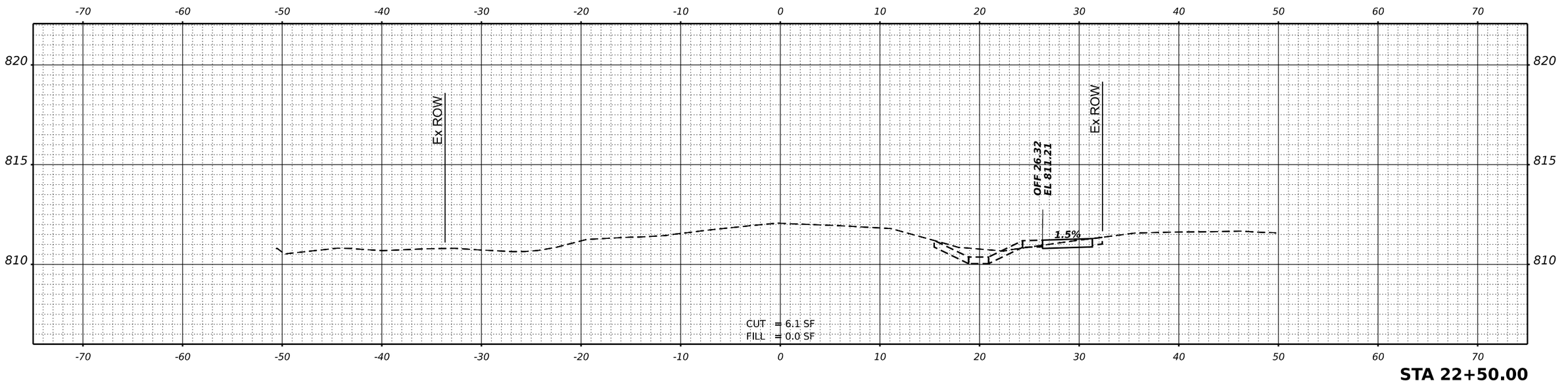
FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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

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STA 22+75.00



STA 22+50.00

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	DRAWN - KRN	REVISED -	
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

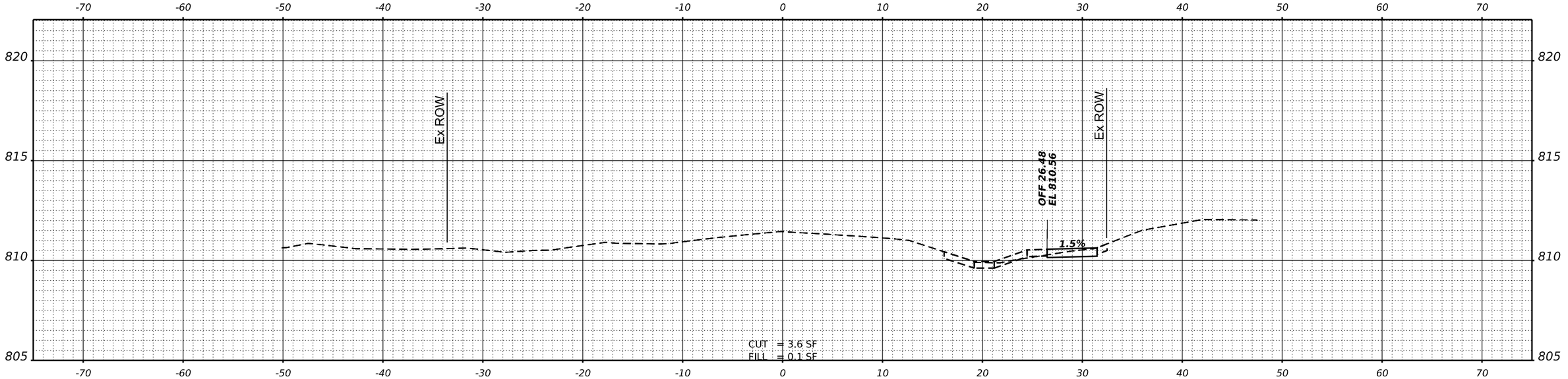
SCALE: | SHEET OF SHEETS | STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

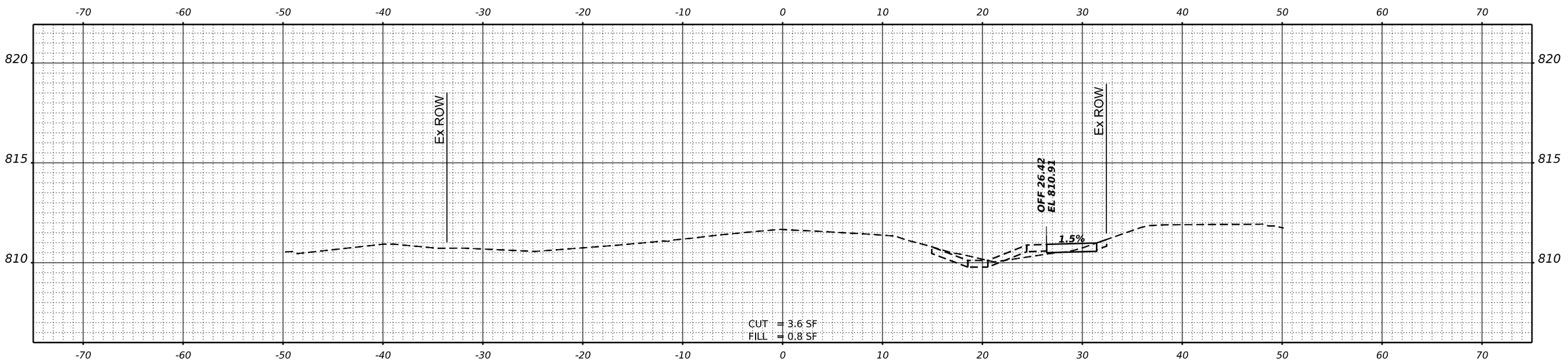
FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.
BY
DATE

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

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STA 23+00.00

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	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

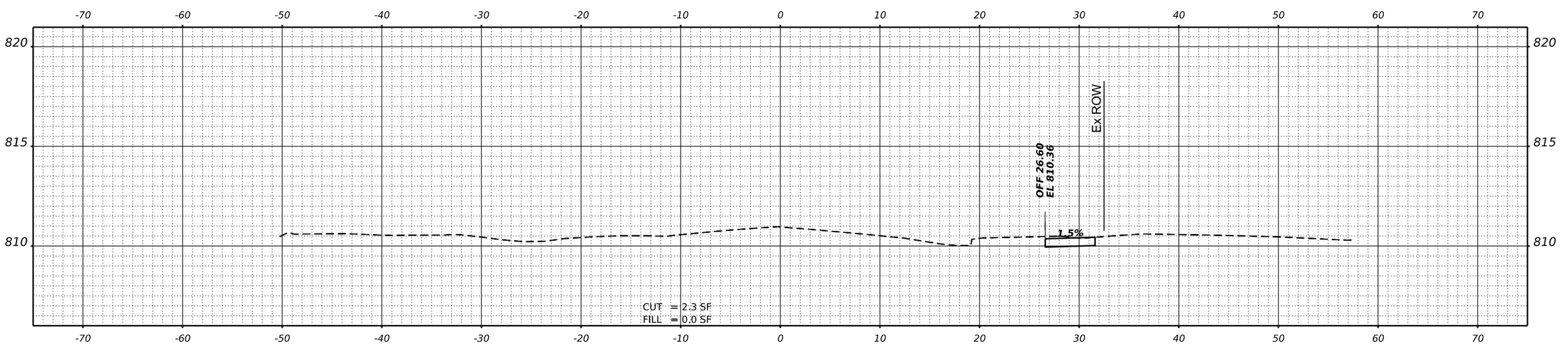
SCALE: | SHEET OF SHEETS | STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

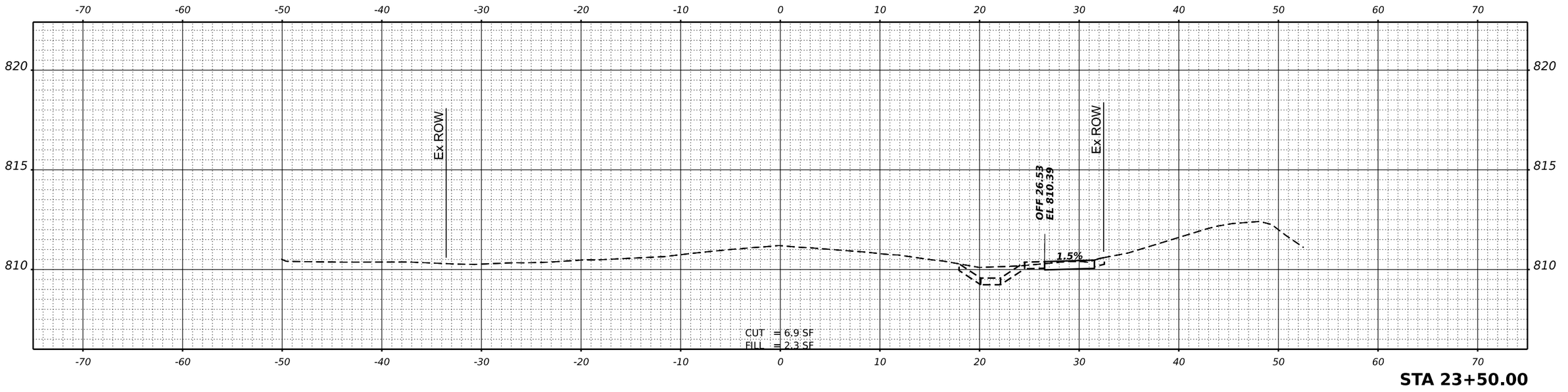
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STA 23+75.00



STA 23+50.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 0.16666633 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

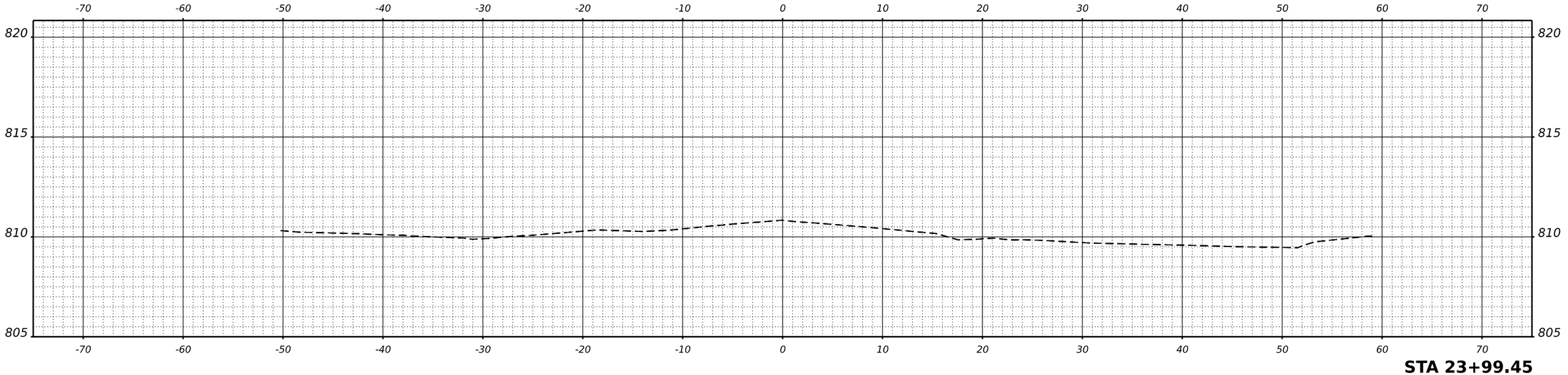
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1308	24-00109-00-CH	KANE	96	82
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

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

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

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



STA 23+99.45

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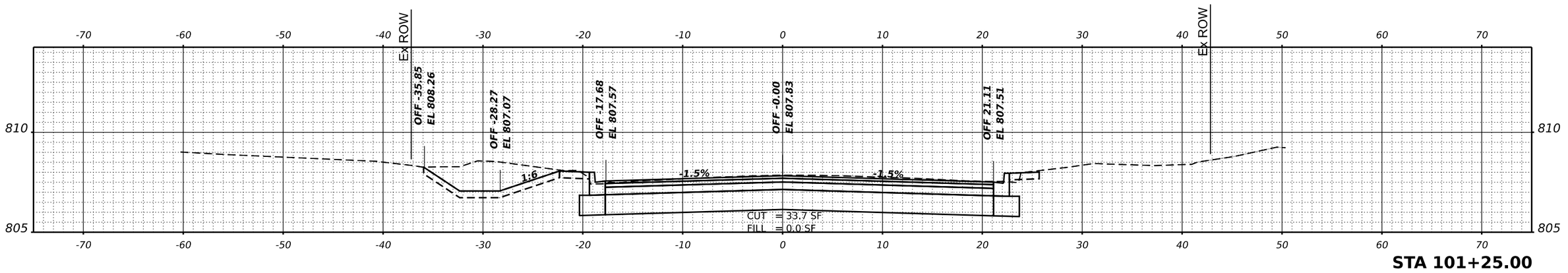
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

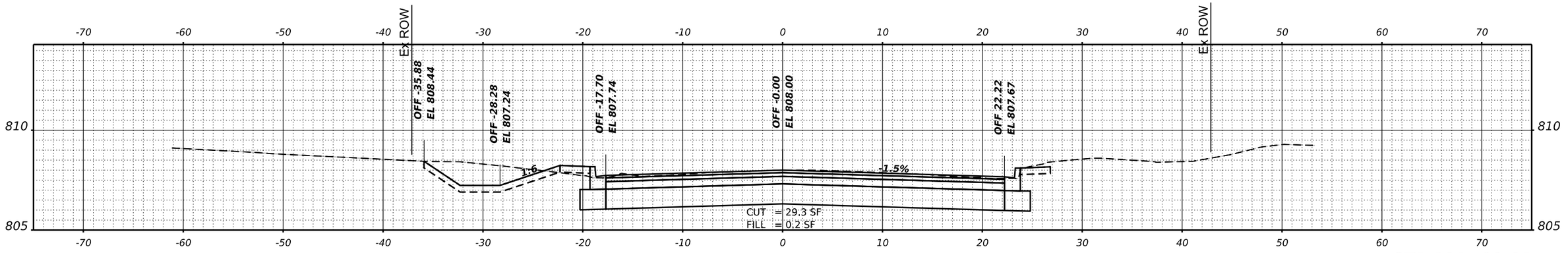
HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

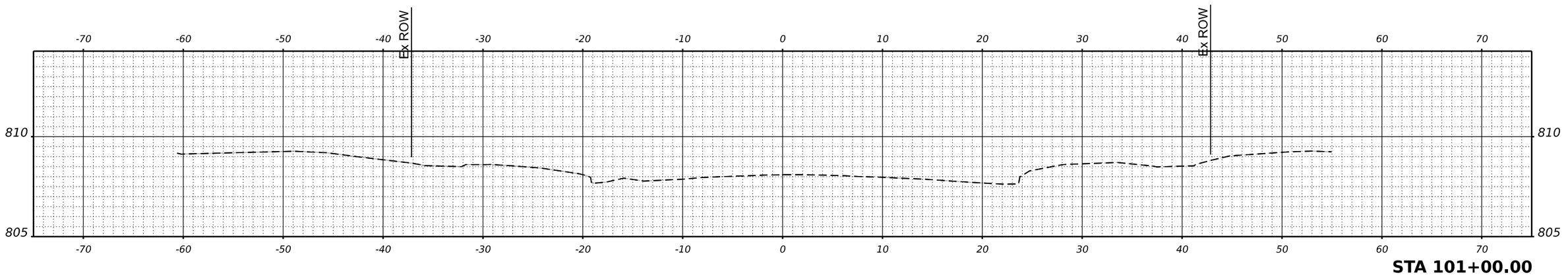
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	83
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		



STA 101+25.00



STA 101+09.01



STA 101+00.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
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PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

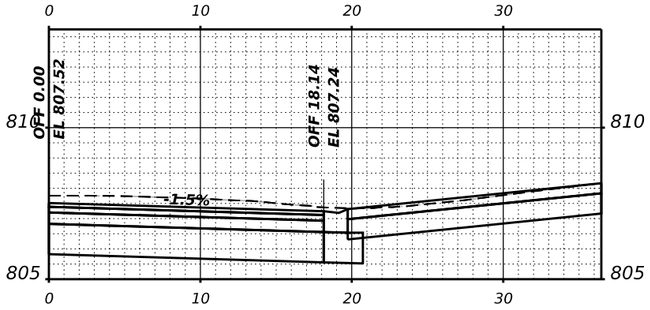
HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

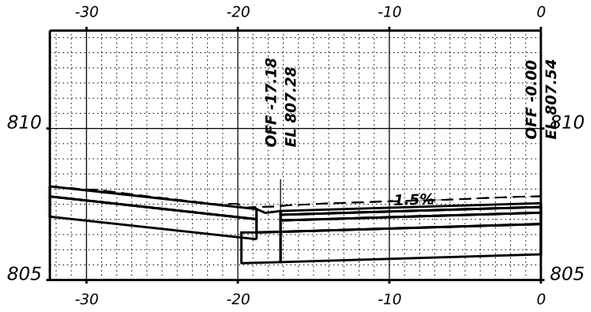
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		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

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

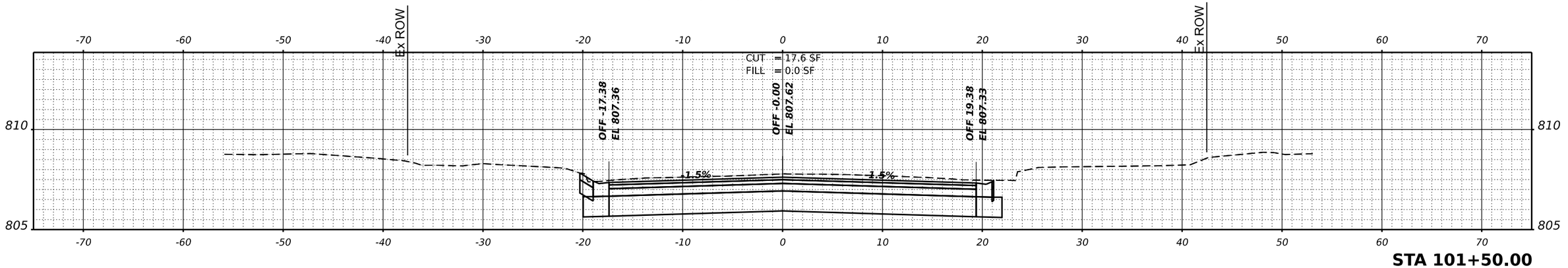
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STA 101+67.92



STA 101+63.78



STA 101+50.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
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PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

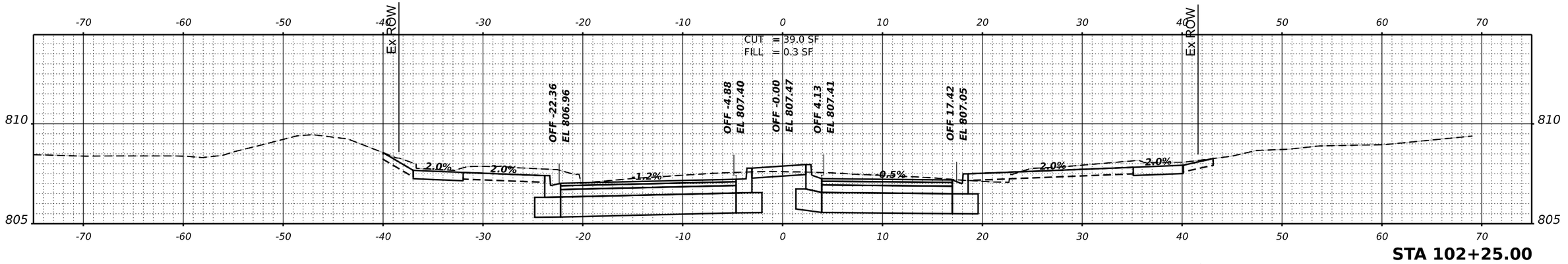
SCALE: | SHEET OF SHEETS | STA.

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

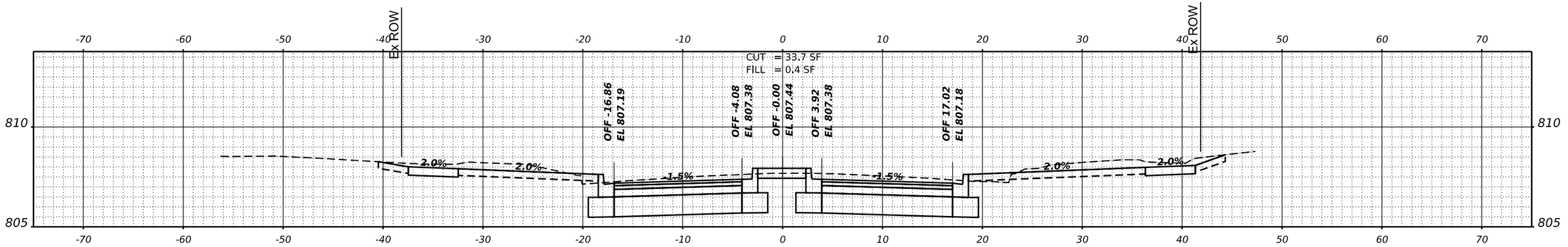
FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

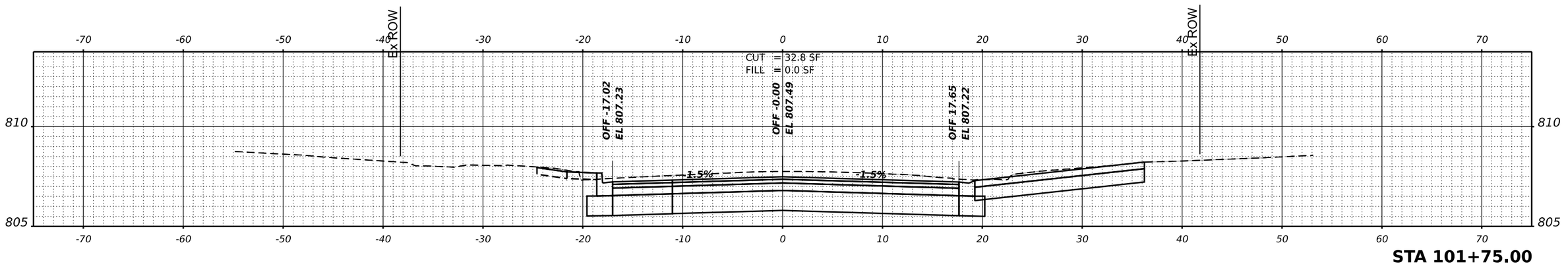
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STA 102+25.00



STA 102+00.00



STA 101+75.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

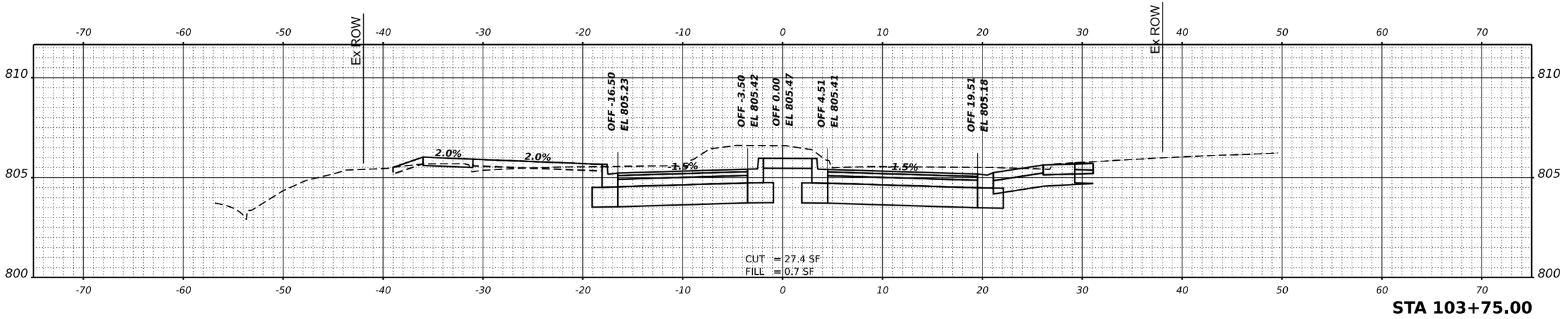
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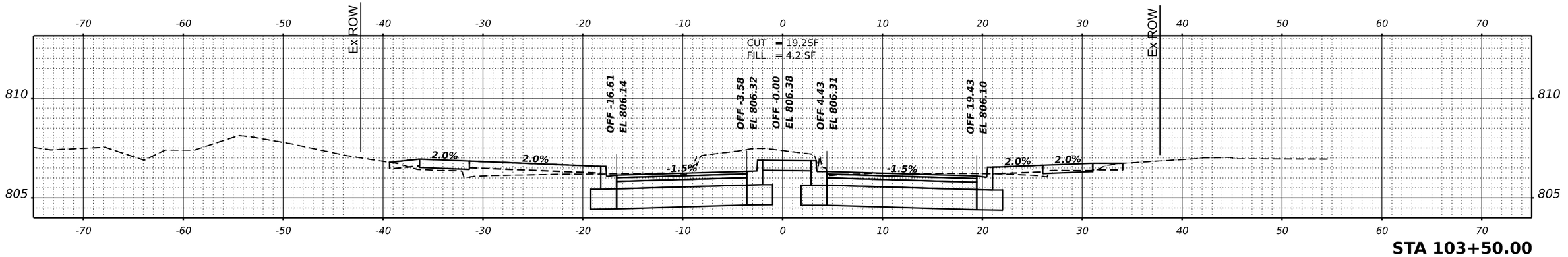
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		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

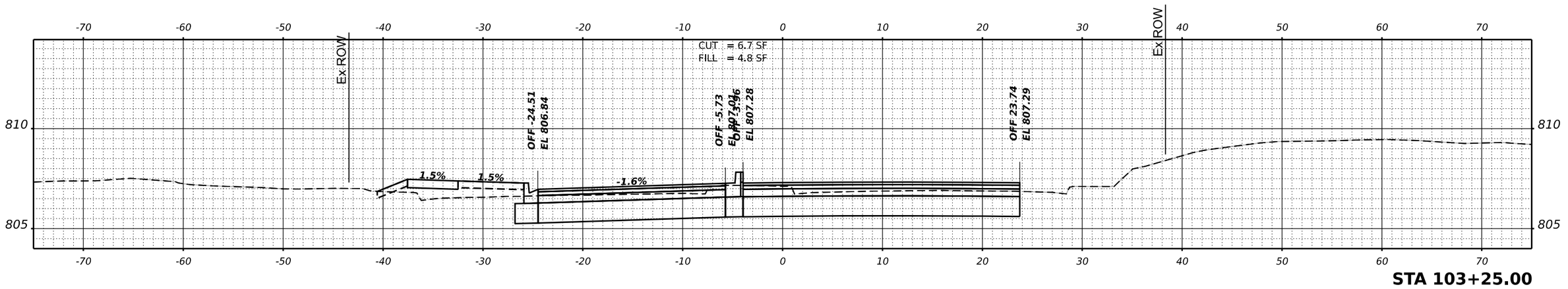
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ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

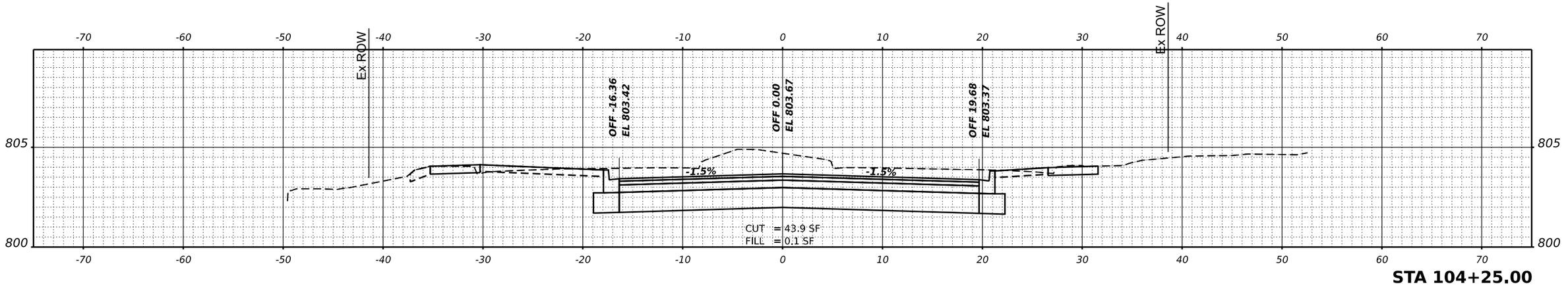
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

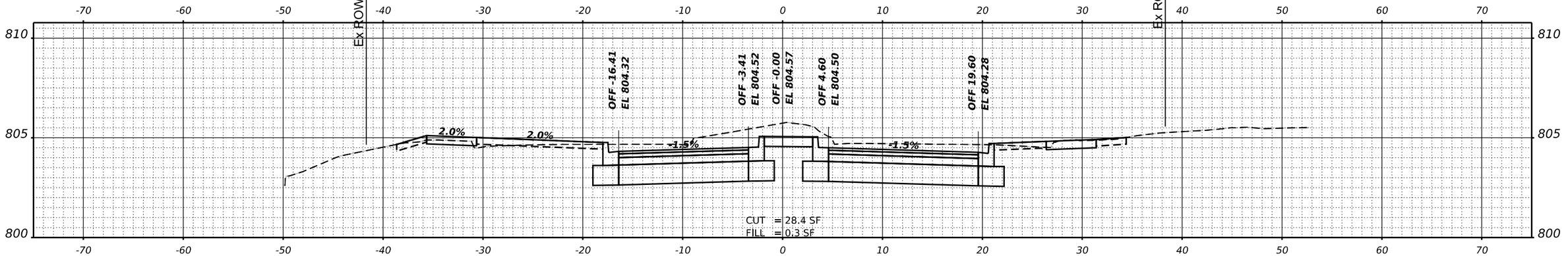
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ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

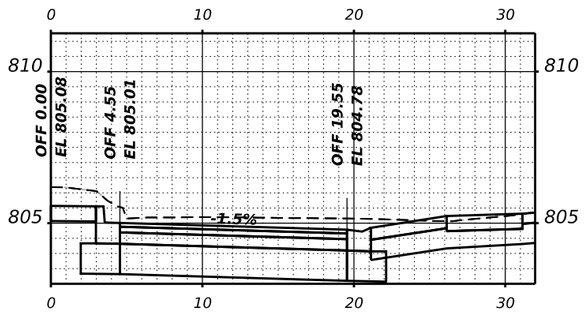
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STA 104+25.00



STA 104+00.00



STA 103+86.03

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
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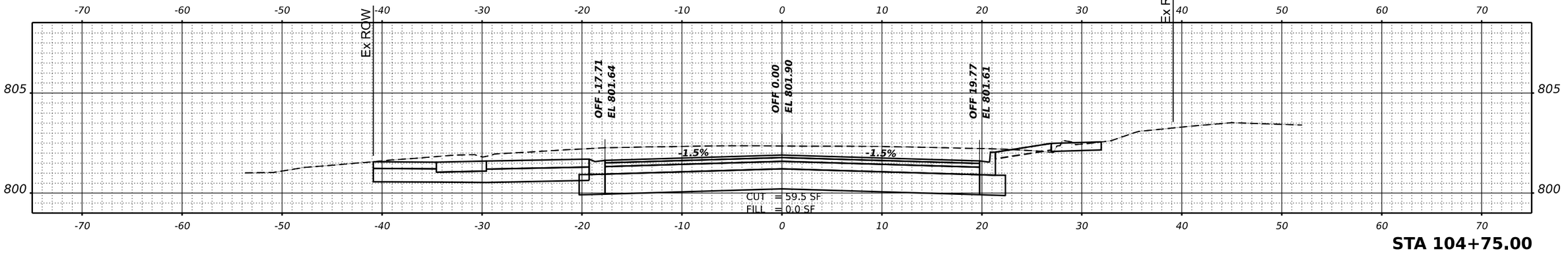
HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

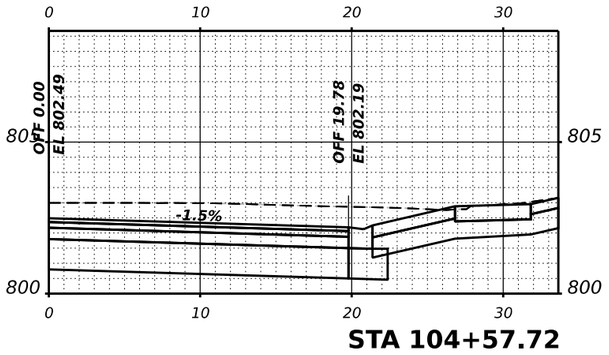
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	88
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

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

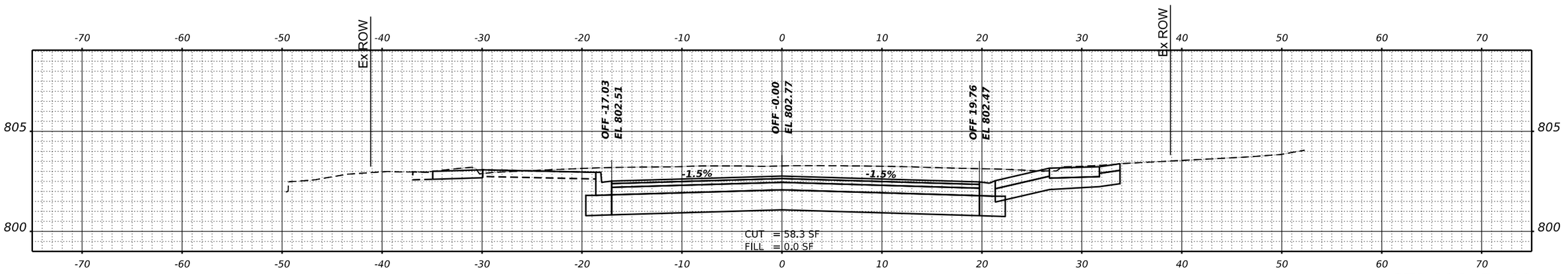
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STA 104+75.00



STA 104+57.72



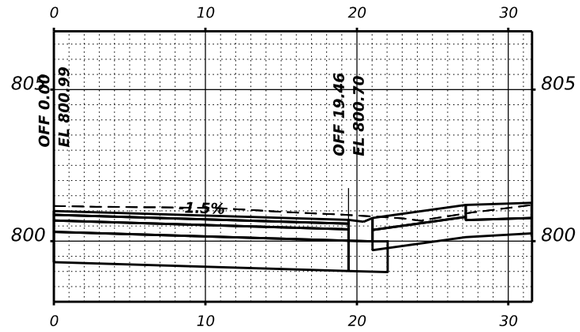
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USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**	**HIGHLAND AVE AT LYLE AVE ROUNDABOUT**	
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**		
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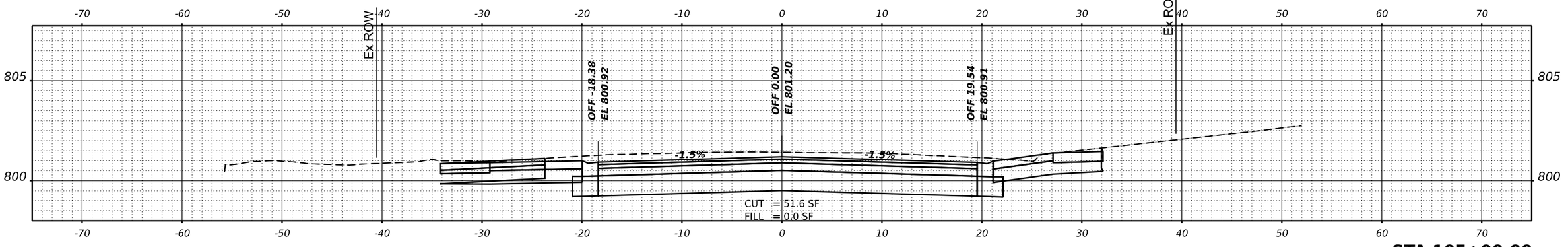
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1308	24-00109-00-CH	KANE	96	89
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

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

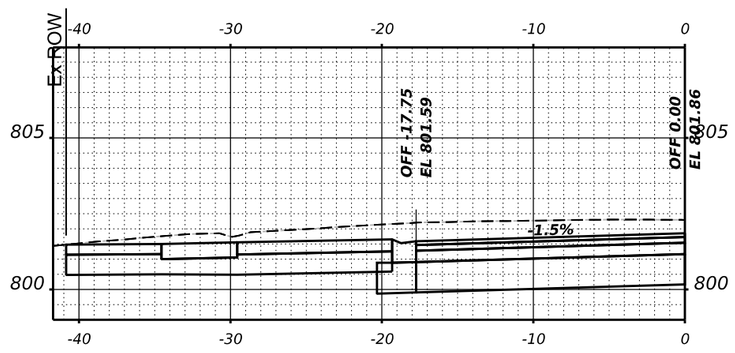
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STA 105+08.76



STA 105+00.00



STA 104+76.51

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

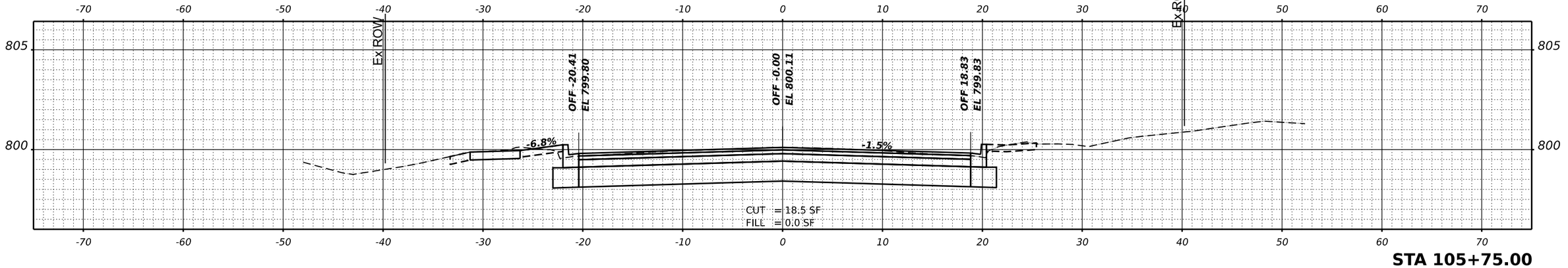
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	90
		CONTRACT NO. 61M33		
	ILLINOIS FED. AID PROJECT			

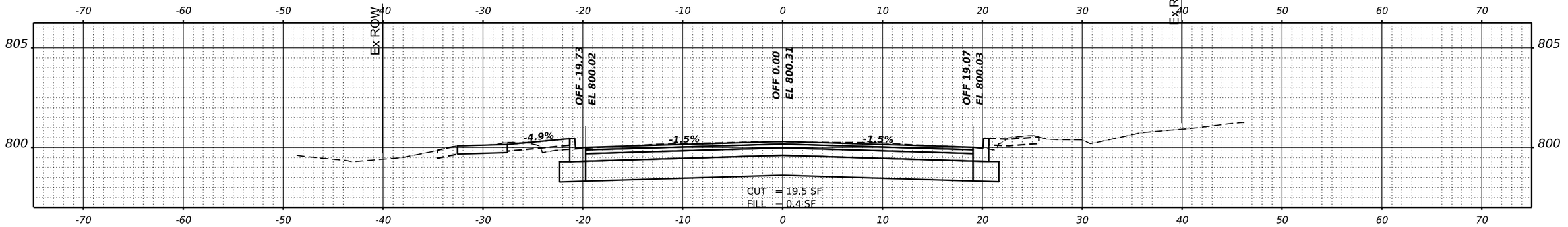
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ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — ANGLES — AREAS CHECKED — BY — DATE

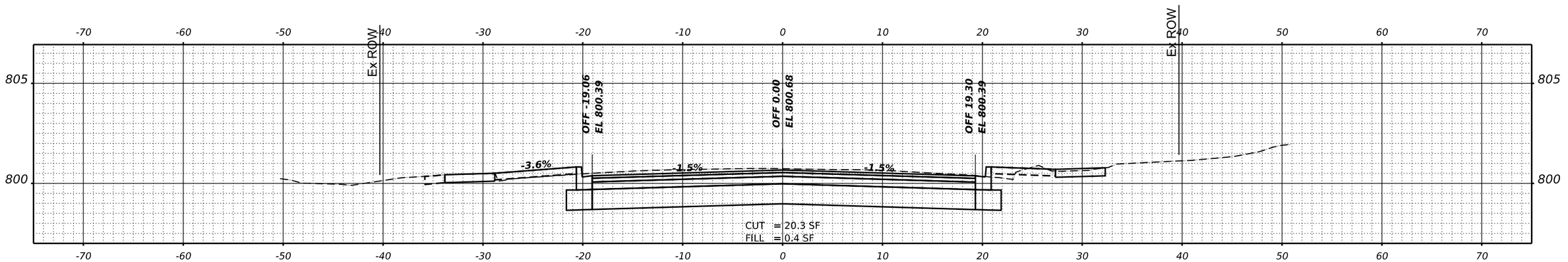
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STA 105+75.00



STA 105+50.00



STA 105+25.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

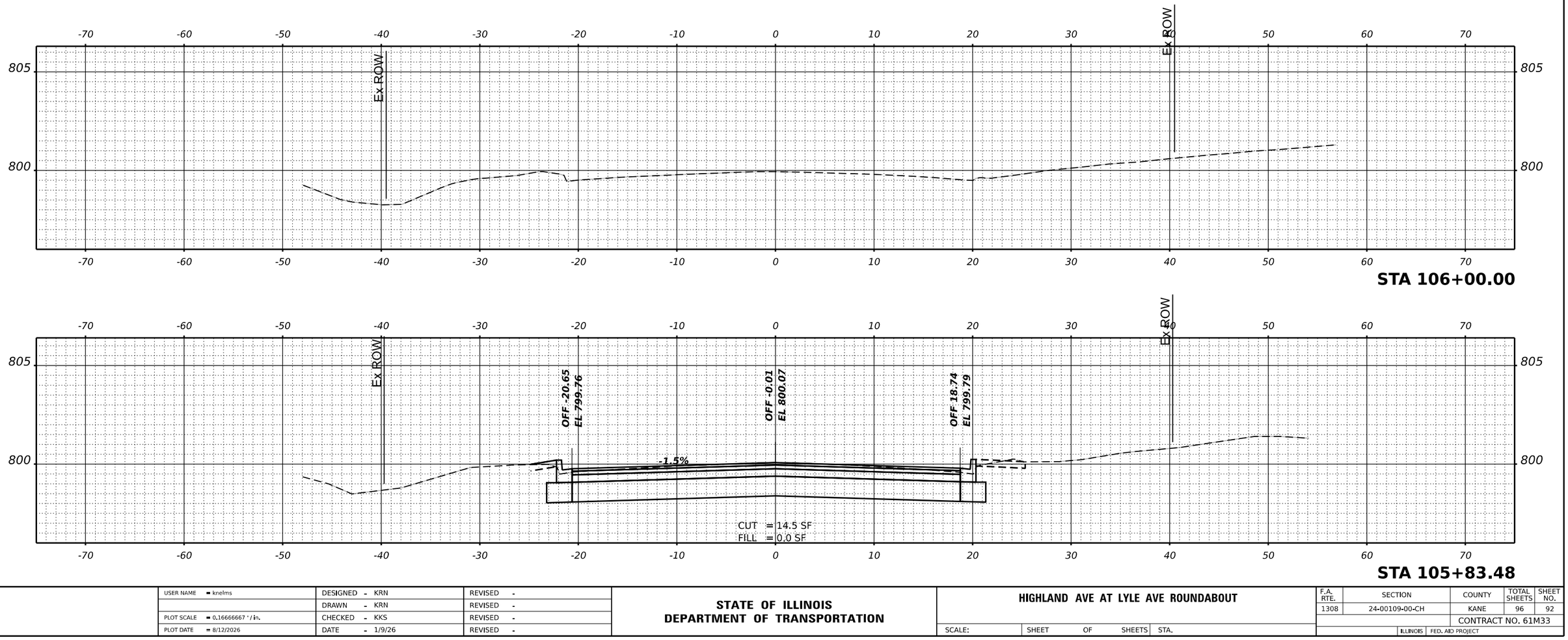
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	91
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

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

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



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

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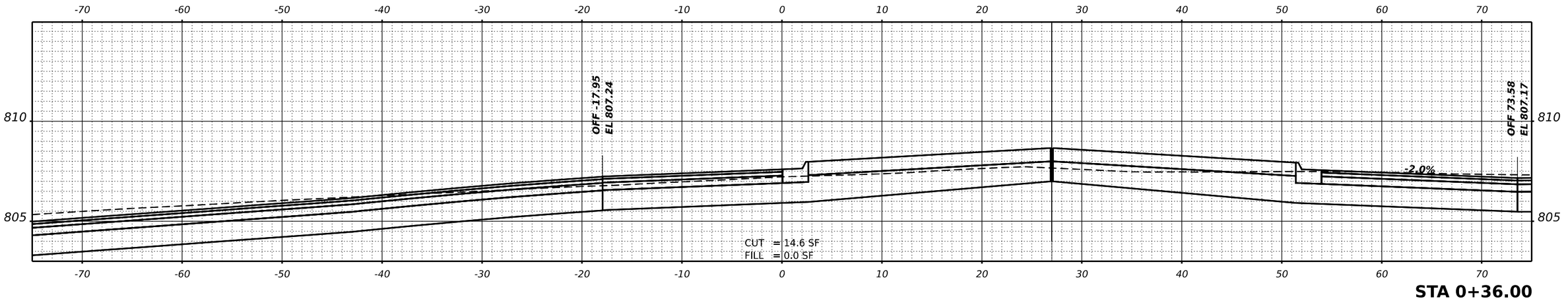
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PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

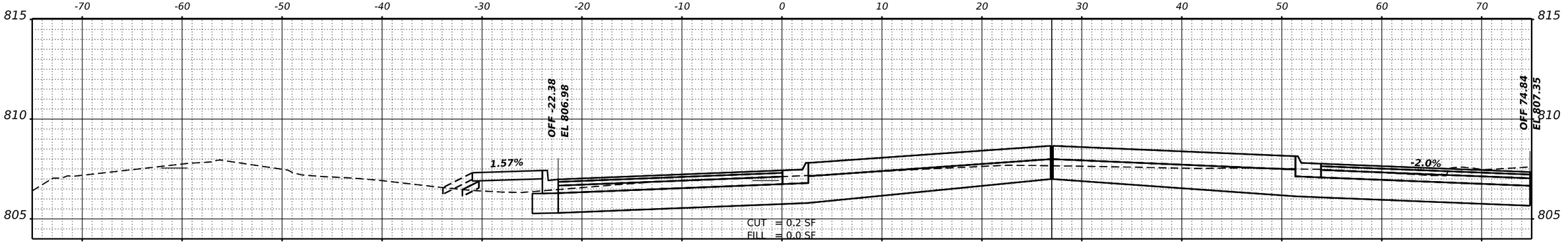
HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

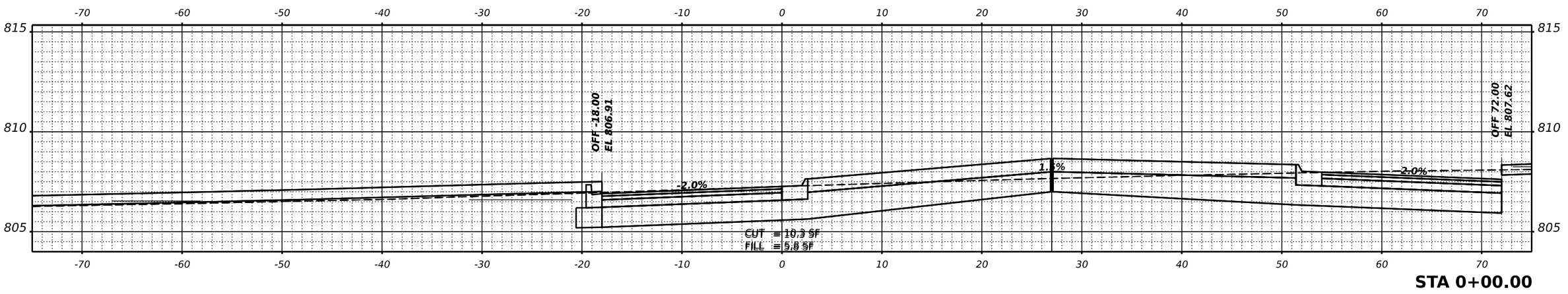
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	92
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	



STA 0+36.00



STA 0+18.00



STA 0+00.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	**STATE OF ILLINOIS**
	DRAWN - KRN	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

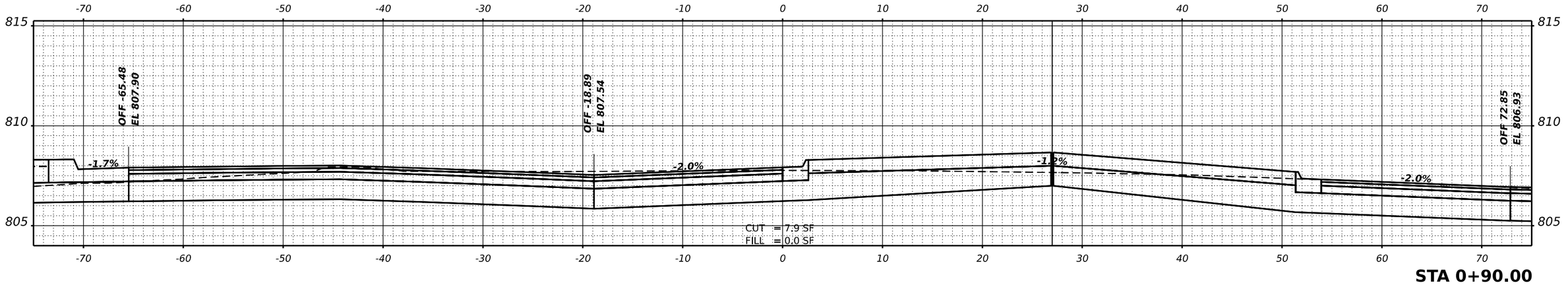
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	93
		CONTRACT NO. 61M33		
	ILLINOIS	FED. AID PROJECT		

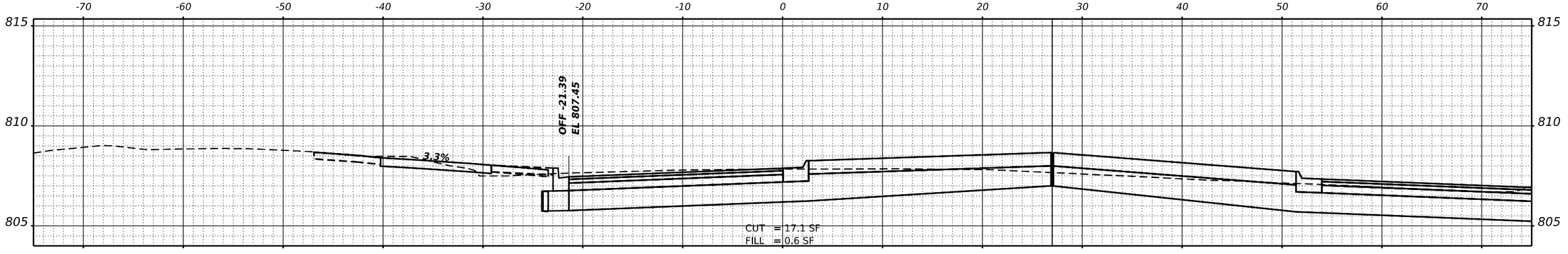
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ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

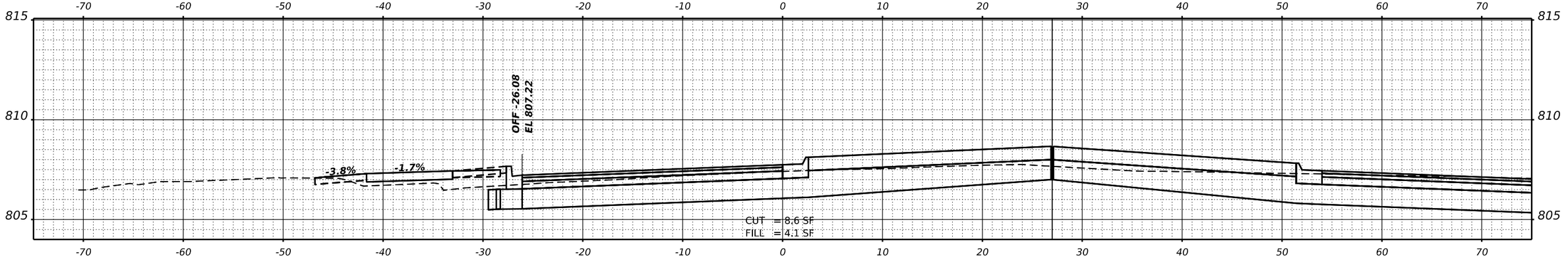
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STA 0+90.00



STA 0+72.00



STA 0+54.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

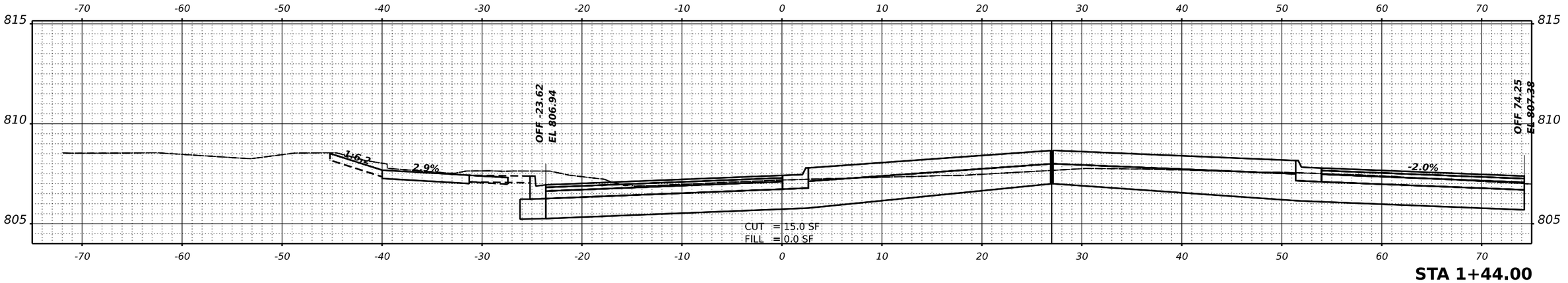
SCALE: | SHEET OF SHEETS | STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	94
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

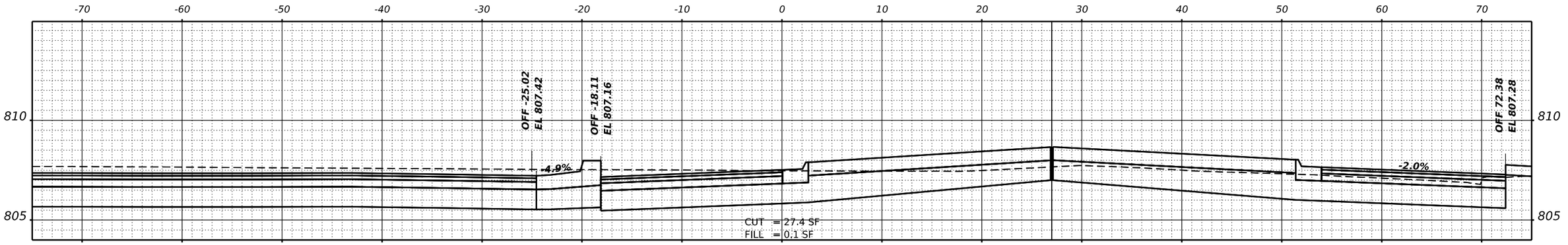
ORIGINAL SURVEY | NOTE BOOK | NO. | BY | DATE
SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

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

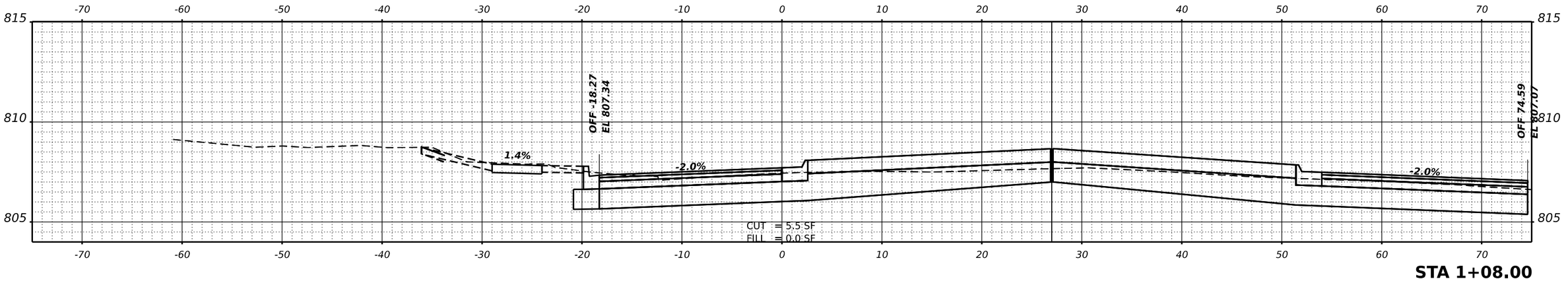
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STA 1+44.00



STA 1+26.00



STA 1+08.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

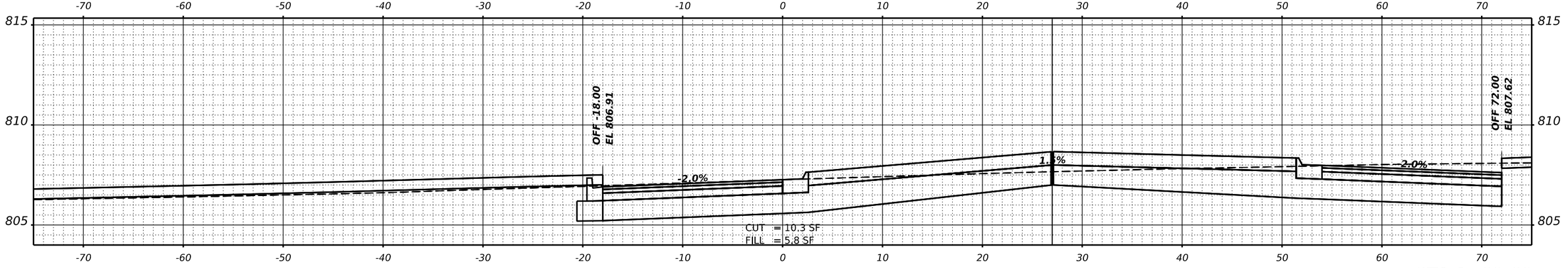
HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

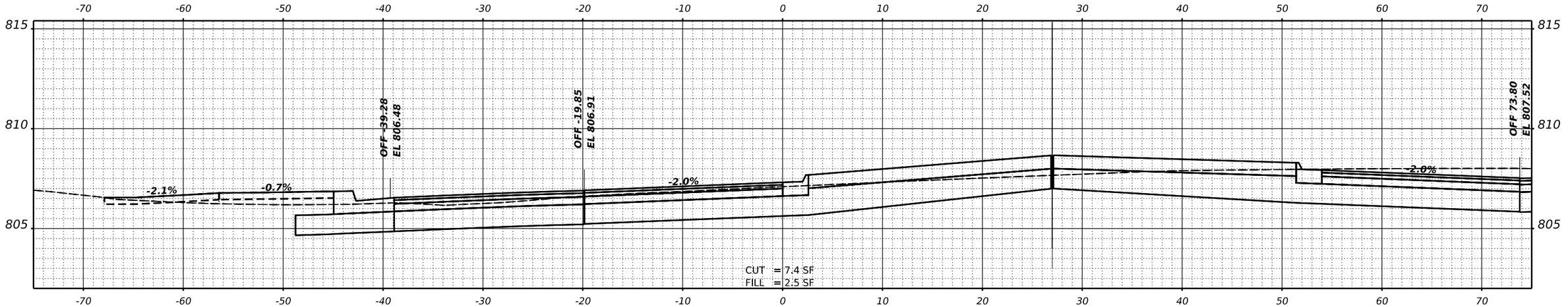
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	95
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

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

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STA 1+69.60



STA 1+62.00

USER NAME = knelms	DESIGNED - KRN	REVISED -	
	DRAWN - KRN	REVISED -	
PLOT SCALE = 0.16666667 ' / in.	CHECKED - KKS	REVISED -	
PLOT DATE = 8/12/2026	DATE - 1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: | SHEET OF SHEETS | STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	96	96
		CONTRACT NO. 61M33		
		ILLINOIS	FED. AID PROJECT	

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

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

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