

FA.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	1
		ILLINOIS	CONTRACT NO. 61M33	

04-24-2026 LETTING ITEM 046

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)

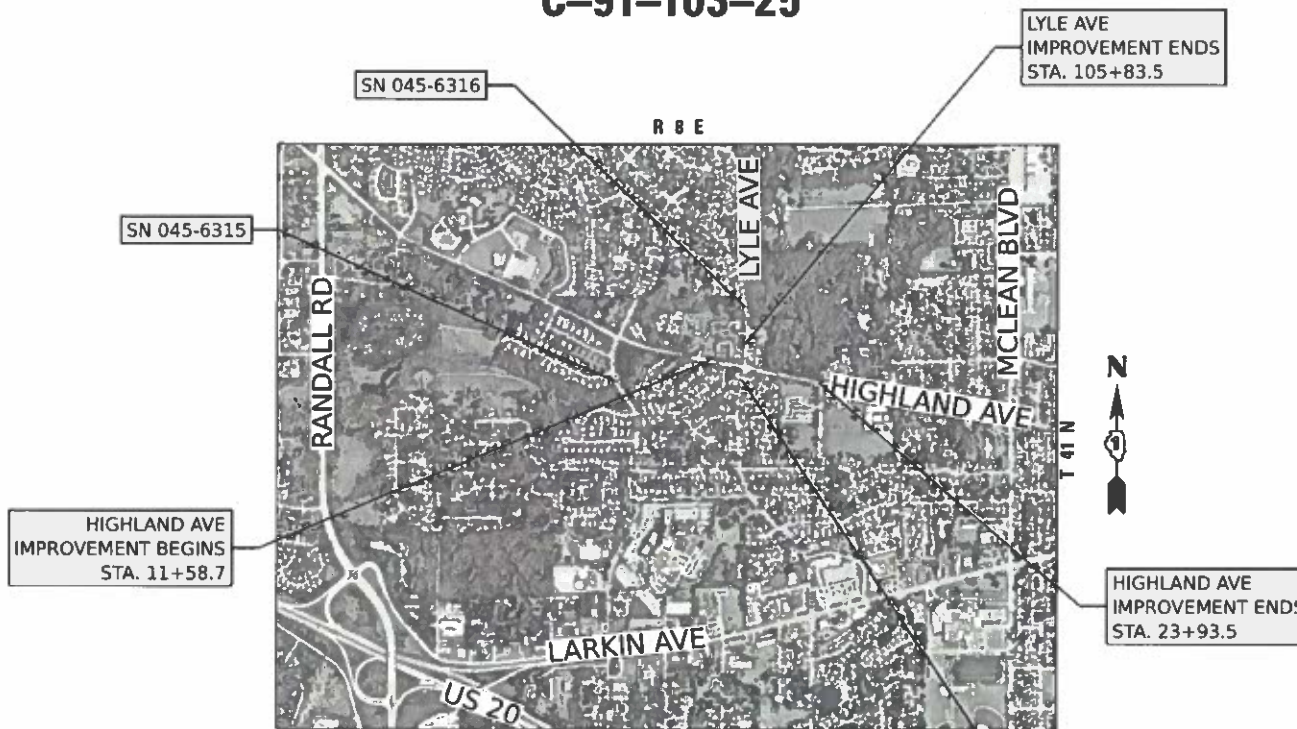
DESIGN CLASSIFICATION = MAJOR COLLECTOR

POSTED SPEED = 30 MPH

LYLE AVENUE:

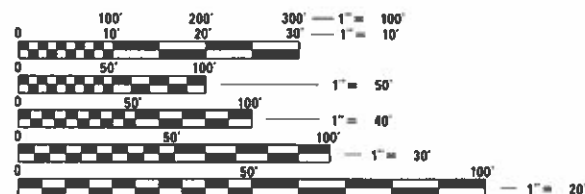
DESIGN CLASSIFICATION = LOCAL

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



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



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

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



Kate Kasch Schulstad
2/10/2026

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

Hampton, Lenzini and Renwick, Inc.
Civil Engineers • Structural Engineers
Land Surveyors • Environmental Services
1707 N RANDALL ROAD, SUITE 100
ELGIN, ILLINOIS 60123
847.897.8700 www.hlrengineering.com
184.000959 ILLINOIS PROFESSIONAL DESIGN FIRM LS/PE SE CORPORATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED February 10 2026
Mike Dubentz
CITY OF ELGIN

PASSED February 23 2026
CJ Liddle
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW Feb 23rd 2026
Joe Dos IR
REGION 1 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424031-03	MEDIAN PEDESTRIAN CROSSINGS
601001-05	PIPE UNDERDRAINS
604036-03	GRATE, TYPE 8
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
664001-02	CHAIN LINK FENCE
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
821101-03	LUMINAIRE WIRING IN POLE
830006-05	LIGHT POLE ALUMINUM DAVIT ARM
836001-05	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES

SUPPLEMENTAL LEGEND

	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
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	UNDERGROUND ELECTRIC CABLE
	UNDERGROUND GAS MAIN
	UNDERGROUND FIBER OPTIC LINE
	AERIAL LINES
	TELEPHONE CABLE
	INTENDED FLOW DIRECTION

DISTRICT ONE STANDARDS

BD01	DRIVEWAY DETAIL - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER GREATER OR EQUAL TO 15' (4.5 m)
BD07	STORM SEWER CONNECTION TO EXISTING SEWER
BD08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD32	BUTT JOINTS AND HMA TAPER
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 SCALE	■ 0.1667" / in.	CHECKED	- KKS	REVISED	-
PLOT DATE	■ 2/10/2026	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.	TO

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	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 IS 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	NICOR KAREY JOHNSON 1844 FERRY RD NAPERVILLE, IL 60563 224.471.9356
KANE COUNTY DEPT OF TRANSPORTATION DORIS HOHERTZ 41W001 BURLINGTON ROAD ST CHARLES, IL 60175 630.406.7309	MCI/VERIZON MARTHA GIERAS 688 INDUSTRIAL DRIVE ELMHURST, IL 60126 224.229.5862
COMED DANIELLE PETEET ONE LINCOLN CENTER OAKBROOK TERRACE, IL 60181 630.437.2159	ASTOUND WILLIAM NG 2640 W BRADLEY PLACE CHICAGO, IL 60618 312.955.3356
AT&T DISTRIBUTION RICHARD KOPEC 1000 COMMERCE DRIVE OAKBROOK, IL 60523 630.632.3148	

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.

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 RESPONSIBILITY 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 FERTILIZER 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.

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.

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	97	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	1.0	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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PLOT DATE = 2/20/2026	CHECKED - KKS	REVISED -
	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. 130B	SECTION 24-00209-00-CH	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M33	

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	344	344
	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

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PLOT DATE = 2/10/2026	CHECKED - KKS	REVISED -
	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	97	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M33	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STU (80%/20%) CONSTRUCTION 0004
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	277	277
	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
	55100400	STORM SEWER REMOVAL 10"	FOOT	21	21
	55100500	STORM SEWER REMOVAL 12"	FOOT	21	21
	56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	2	2
	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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 DATE: 2/10/2026

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PLOT SCALE	DRAWN - KRN	REVISED -
PLOT DATE	CHECKED - KKS	REVISED -
	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	97	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

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PLOT DATE = 2/27/2026	CHECKED - KKS	REVISED -
	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. 130B	SECTION 24-00209-00-CH	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M33	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STU (80%/20%) CONSTRUCTION 0004
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1
*	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

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PLOT DATE = 2/10/2026	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	97	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M33	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STU (80%/20%) CONSTRUCTION 0004
*	B2001116	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	1	1
*	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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**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.
130B	24-00209-00-CH	KANE	97	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M33	

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

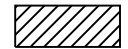
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

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.

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



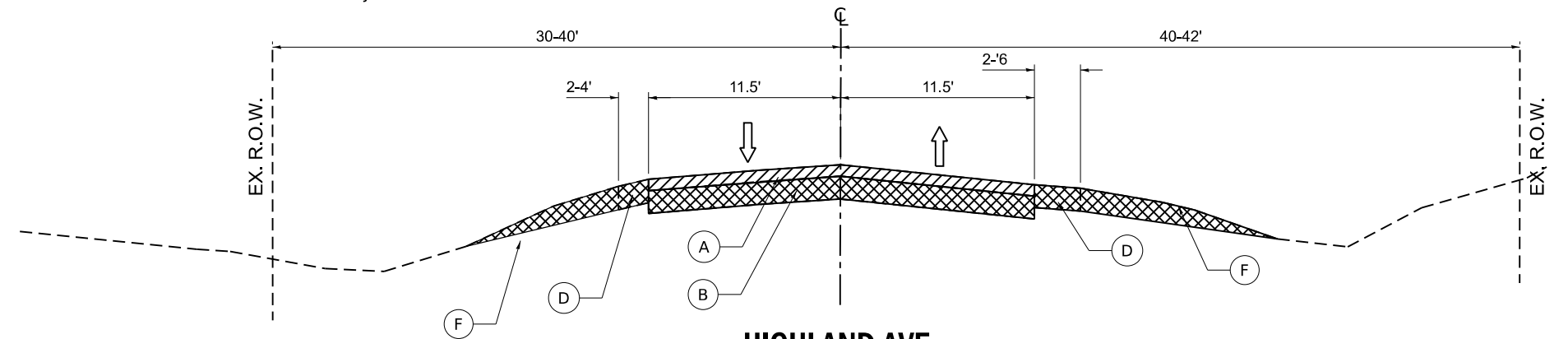
CC&G, SIDEWALK REMOVAL



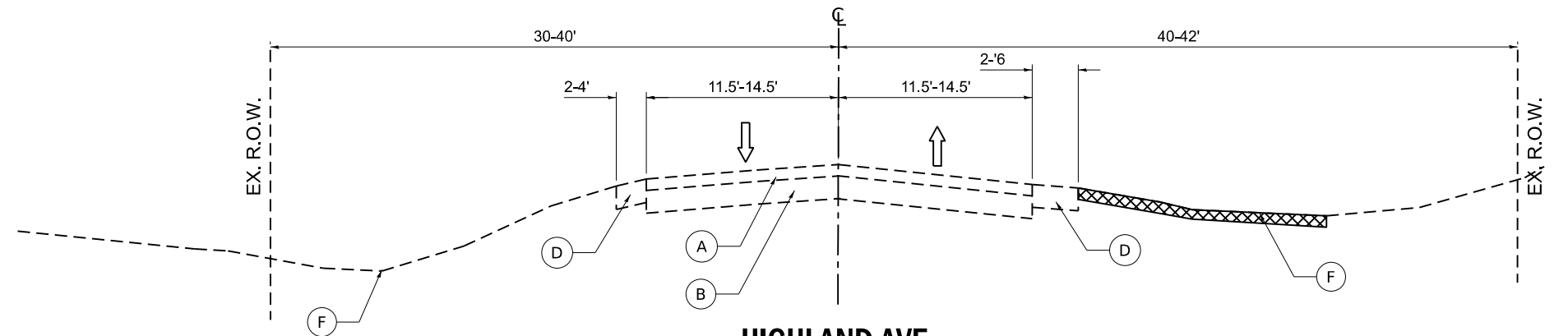
EARTH EXCAVATION

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-MIX 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



**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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PLOT DATE - 2/10/2026	DATE - 1/9/26	REVISIONS -

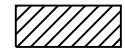


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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	97	10
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

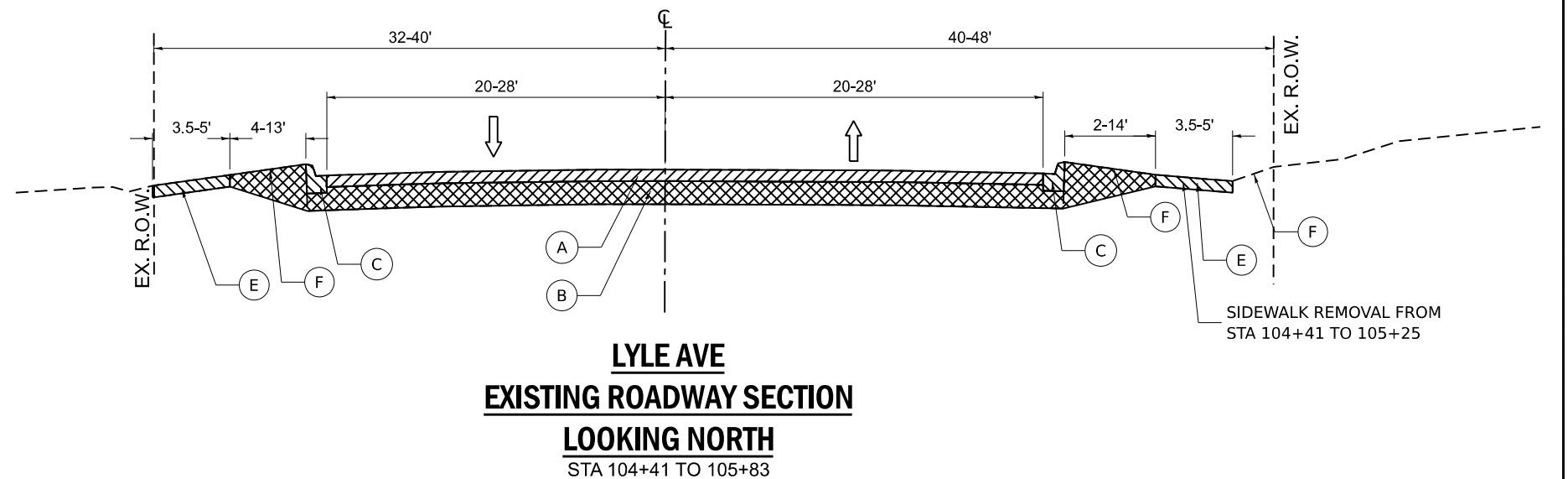
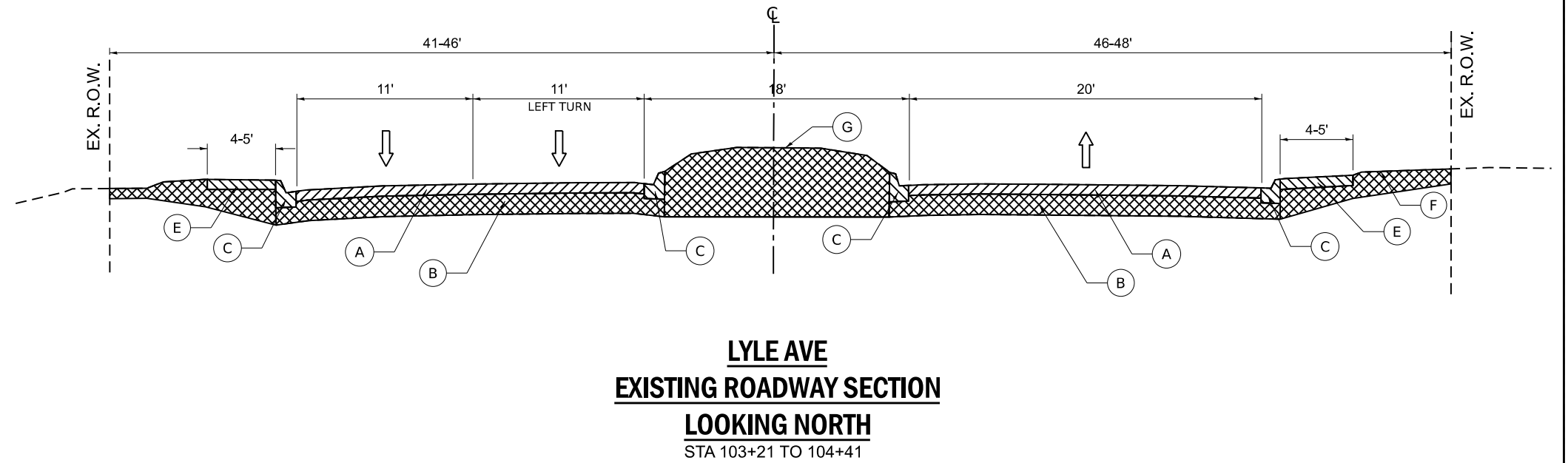
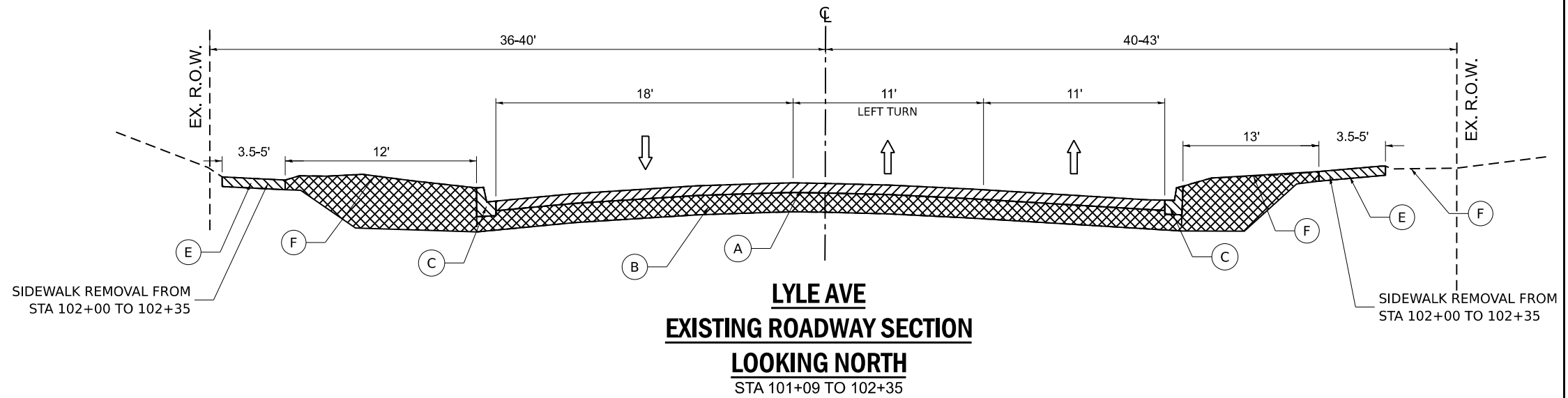
EXISTING LEGEND

- (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

- 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



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PLOT SCALE	■ 0.1667" / in.	CHECKED	- KKS	REVISED	-
PLOT DATE	■ 2/10/2026	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	97	11
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

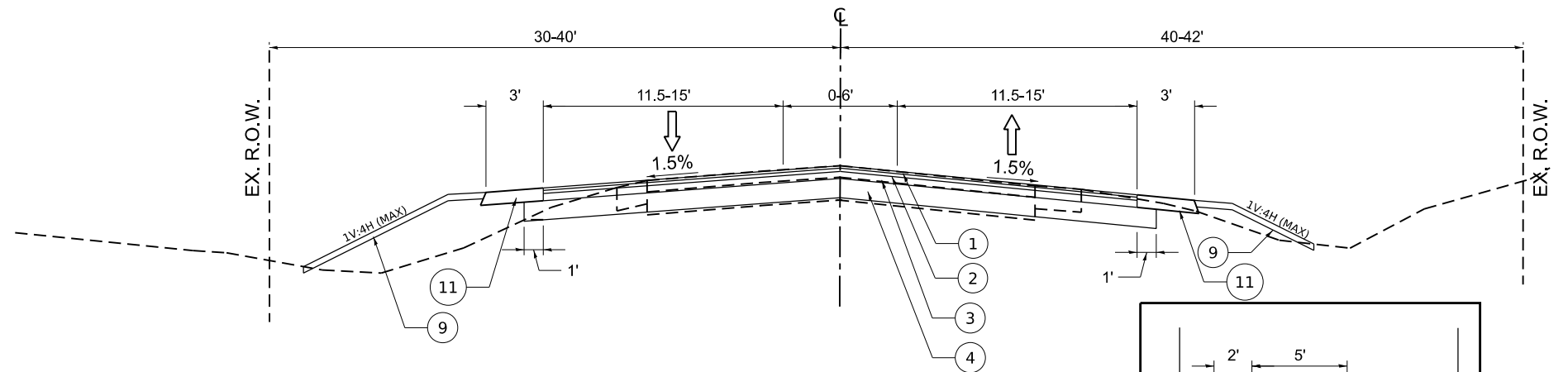
EXISTING LEGEND

- (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
- (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

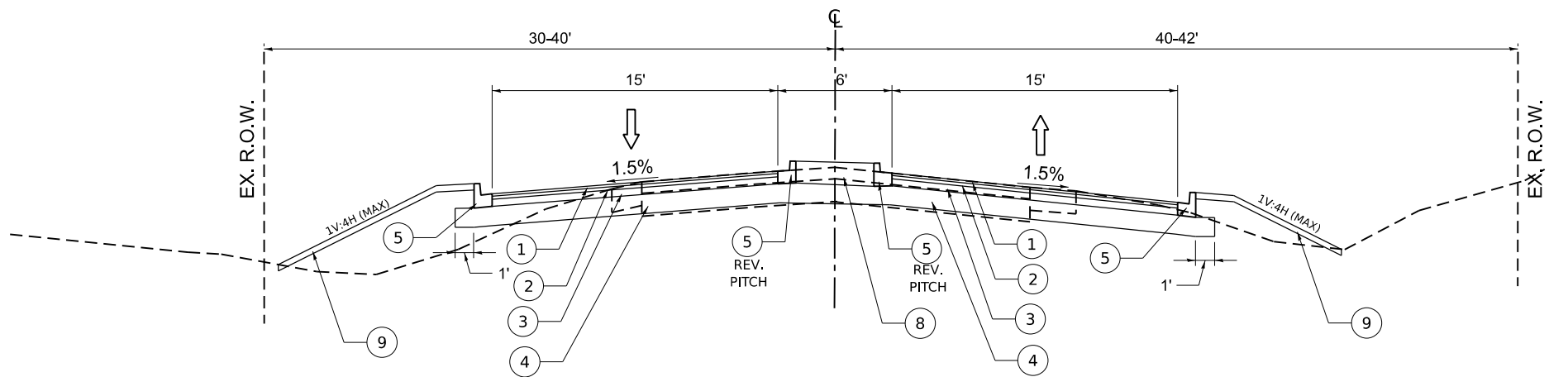
INTERSECTION SECTION FROM 14+83 TO 15+73



**HIGHLAND AVE
PROPOSED ROADWAY SECTION**

LOOKING EAST

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



**HIGHLAND AVE
PROPOSED ROADWAY SECTION**

LOOKING EAST

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

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PLOT SCALE	= 0.1667" / in.	DATE	- 1/9/26	REVISED	-
PLOT DATE	= 2/10/2026				

**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	97	12
CONTRACT NO. 61M33			ILLINOIS FED. AID PROJECT	

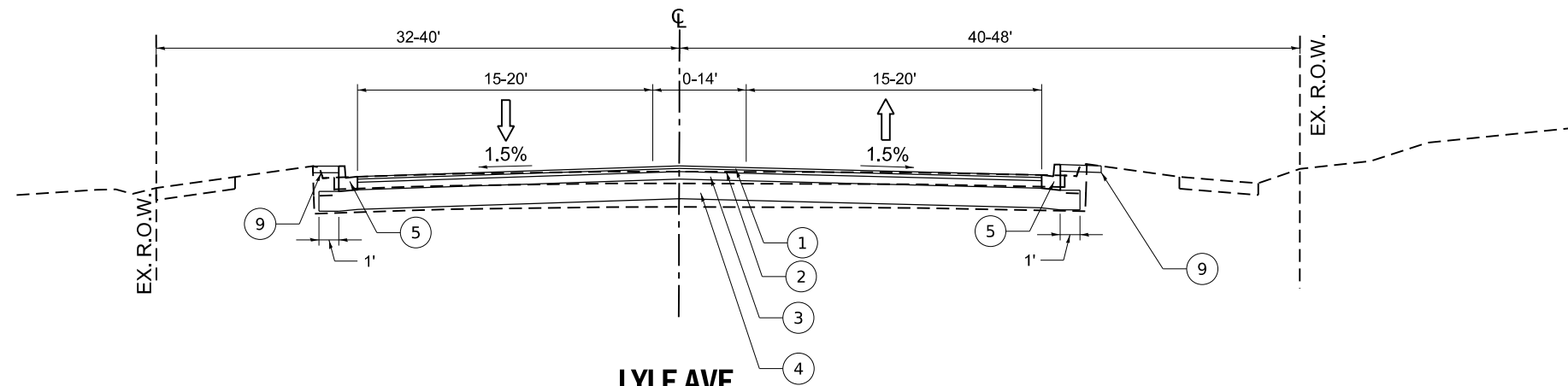
EXISTING LEGEND

- (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

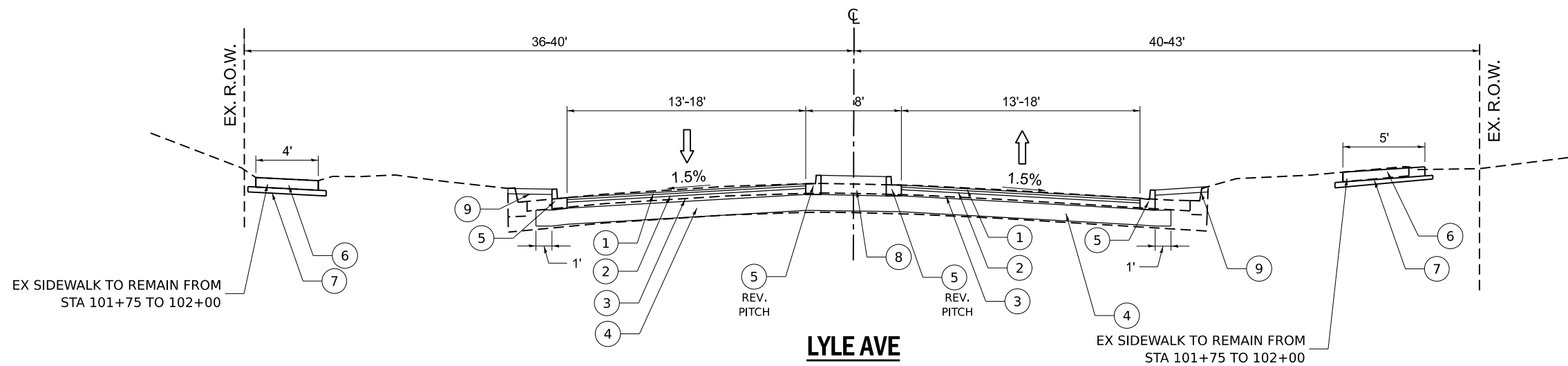
PROPOSED LEGEND

- (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
- (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

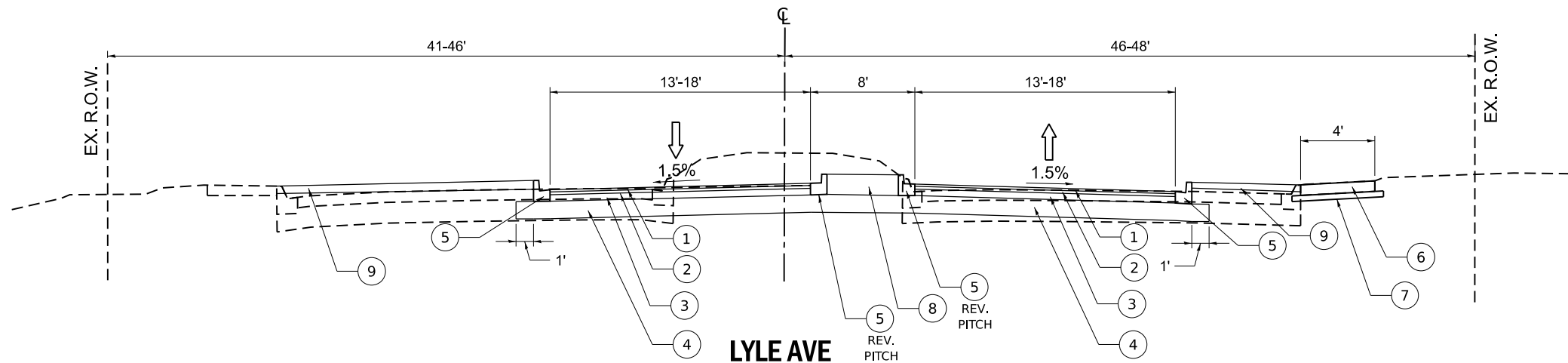
INTERSECTION SECTION FROM 102+35 TO 103+25



**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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PLOT SCALE	■ 0.1667" / in.	CHECKED	- KKS	REVISIONS	-
PLOT DATE	■ 2/10/2026	DATE	- 1/9/26	REVISIONS	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HIGHLAND AVE AT LYLE AVE ROUNDABOUT
TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

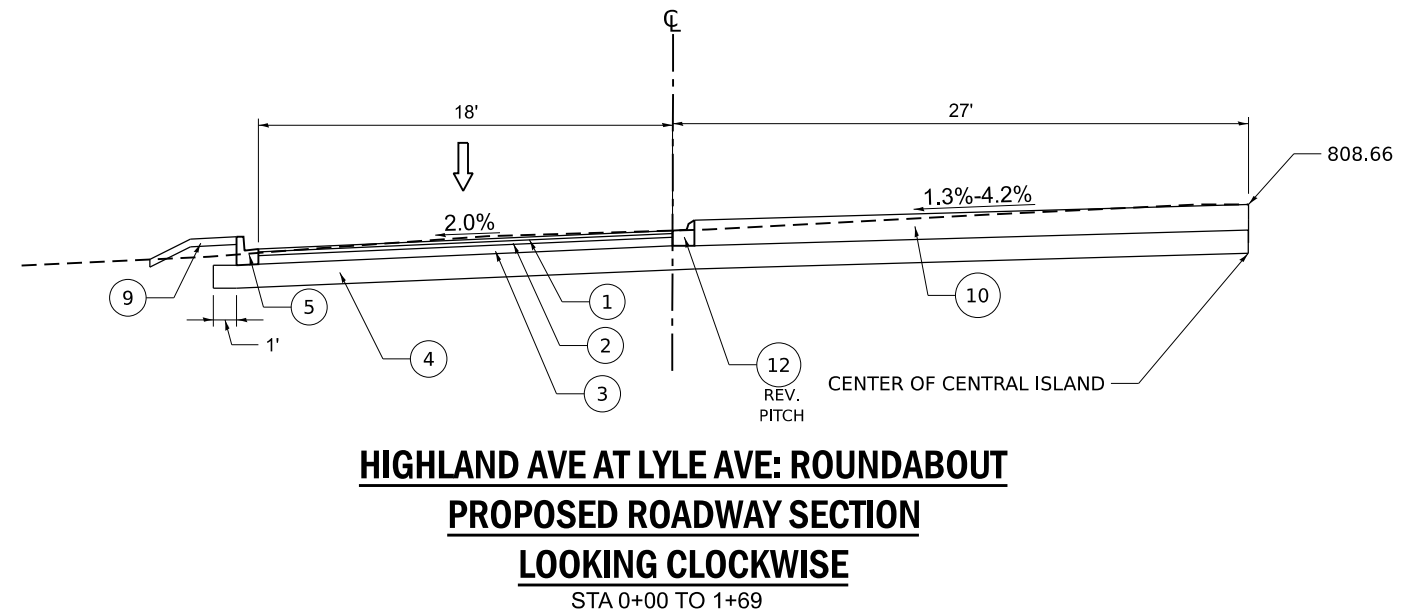
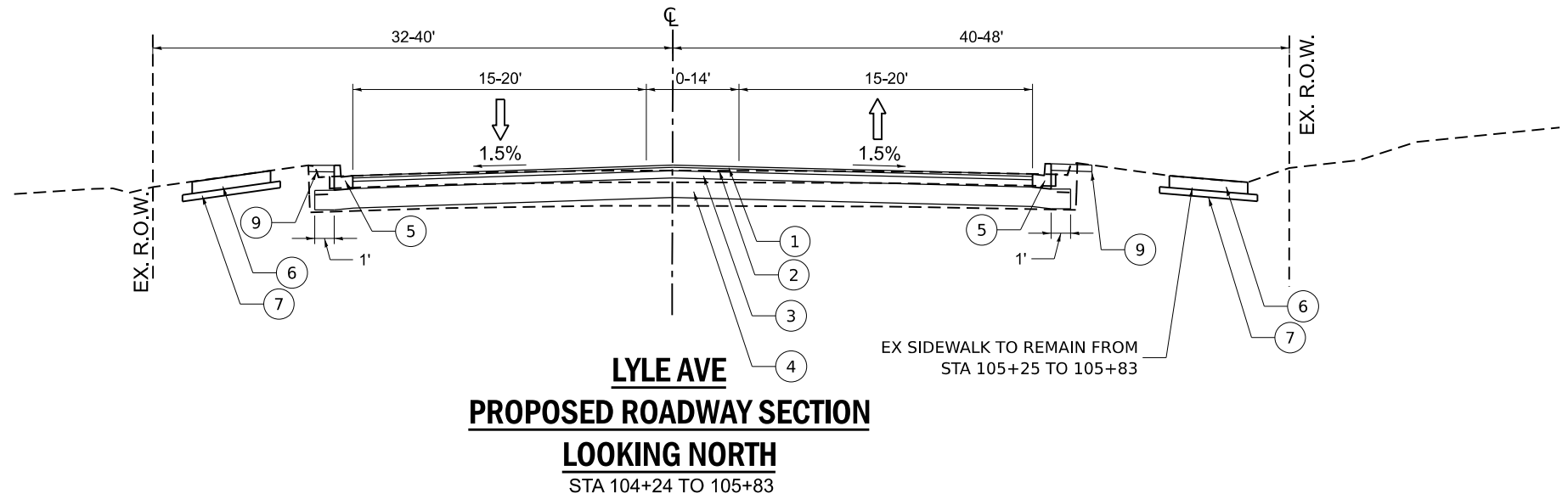
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	13
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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
- (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



MODEL: D:\default; FILE NAME: P:\2024\2406693\CADD_Sheets\2406693-Int\typical.dgn

USER NAME	■ knelms	DESIGNED	- KRN	REVISED	-
DRAWN	- KRN	CHECKED	- KKS	REVISED	-
PLOT SCALE	■ 0.1667" / in.	DATE	- 1/9/26	REVISED	-
PLOT DATE	■ 2/10/2026				

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	97	14
CONTRACT NO. 61M33				
ILLINOIS		FED. AID PROJECT		

HIGHLAND AVE - EARTHWORK					
STATION	AVERAGE END AREA		VOLUME		DIFFERENCE (I) I=0.85(A)-B (CU YD)
	EARTH EXCAVATION (SQ FT)	EMBANKMENT (SQ FT)	EARTH EXCAVATION (A) (CU YD)	EMBANKMENT (B) (CU YD)	
11+58	12.9	1.3			
11+75	11.7	4.5	7.7	1.8	4.8
12+00	11.2	4.6	10.6	4.2	4.8
12+25	9.7	5.6	9.7	4.7	3.5
12+50	12.9	1.3	10.5	3.2	5.7
12+75	23.1	1.0	16.7	1.1	13.1
13+00	36.9	0.9	27.8	0.9	22.7
13+25	28.7	0.4	30.4	0.6	25.2
13+50	25.1	0.4	24.9	0.3	20.8
13+75	26.6	0.3	23.9	0.3	20.0
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	23.5	6.3	13.7
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					
STATION	AVERAGE END AREA		VOLUME		DIFFERENCE (I) I=0.85(A)-B (CU YD)
	EARTH EXCAVATION (SQ FT)	EMBANKMENT (SQ FT)	EARTH EXCAVATION (A) (CU YD)	EMBANKMENT (B) (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					
STATION	AVERAGE END AREA		VOLUME		DIFFERENCE (I) I=0.85(A)-B (CU YD)
	EARTH EXCAVATION (SQ FT)	EMBANKMENT (SQ FT)	EARTH EXCAVATION (A) (CU YD)	EMBANKMENT (B) (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			

ROUNDBOUT - EARTHWORK					
STATION	AVERAGE END AREA		VOLUME		DIFFERENCE (I) I=0.85(A)-B (CU YD)
	EARTH EXCAVATION (SQ FT)	EMBANKMENT (SQ FT)	EARTH EXCAVATION (A) (CU YD)	EMBANKMENT (B) (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
ROUNDBOUT	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.

STATION BEGIN	STATION END	LENGTH (FOOT)	HMA AREA (SQ FT)	30300112 AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD)	35501304 HOT-MIX ASPHALT BASE COURSE, 5" (SQ YD)	40600275 BITUMINOUS MATERIALS (PRIME COAT) (POUND)	40600290 BITUMINOUS MATERIALS (TACK COAT) (POUND)	40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (TON)	40604060 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (TON)	42000300 PORTLAND CEMENT CONCRETE PAVEMENT 8" (SQ YD)	35101600 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

MODEL D:\default... FILE NAME: P:\2024\240602\CADD_Sheets\240602-24r-schedulr.dgn

USER NAME = knelms	DESIGNED - KRN	REVISED -
	DRAWN - KRN	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - KKS	REVISED -
PLOT DATE = 2/10/2026	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	97	15
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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+00	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

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

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 PAVEMENT REMOVAL					
STA BEGIN	STA END	44000100 PAVEMENT REMOVAL (SQ YD)	44000500 COMBINATION CURB AND GUTTER REMOVAL (FOOT)	44000600 SIDEWALK REMOVAL (SQ FT)	X1700112 BRICK PAVEMENT 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	

MODEL: D:\default
 FILE NAME: P:\2024\240683\CADD_Sheets\240683-2ht-schedtab.dgn

USER NAME	■ kneImS	DESIGNED -	KRN	REVISED -	
DRAWN	- KRN	CHECKED -	KKS	REVISED -	
PLOT SCALE	■ 0.1667' / in.	DATE	- 1/9/26	REVISED -	
PLOT DATE	■ 2/27/2026				

**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	97	16
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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

STARTING STATION	ENDING STATION	REF	21101505 TOPSOIL AREA (4 IN DEPTH) (SQ YD)	25000210 TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	25000400 SEEDING, CLASS 2A (ACRE)	25000600 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

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)	7200100 REMOVE AND RELOCATE EXISTING MONUMENT (EACH)	
11+33	RT	W3-1		1.0	6.3				
14+50	RT	W11-2					13.5		
14+60	LT	W16-7P(L)					13.5		
14+76	RT	W11-2					13.5		
14+80	RT	W16-7P(L)					13.5		
14+80	RT	R1-2					13.5		
14+80	RT	R6-5P					13.5		
14+80	RT	R1-1		1.0	6.3				
14+80	RT	R1-1			6.3				
14+80	RT	R1-3P			0.8				
15+75	LT	R1-1		1.0	6.3				
15+75	LT	R1-1			6.3				
15+75	LT	R1-3P			0.8				
15+76	LT	R1-2	3.9				13.5		
15+76	LT	R6-5P	6.3				13.5		
15+95	RT	W11-2	6.3				13.5		
15+95	RT	W16-7P(L)	2.2				13.5		
16+08	LT	W11-2	6.3				13.5		
16+08	LT	W16-7P(L)	2.2				13.5		
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		
102+00	RT	W16-7P(L)	2.2				13.5		
102+12	LT	W11-2	6.3				13.5		
102+12	LT	W16-7P(L)	2.2				13.5		
102+31	RT	R1-2	3.9				13.5		
102+31	RT	R6-5P	6.3				13.5		
102+32 TO	RT	PACE 548			1.0	3.0			
102+39	RT	R1-1		1.0	6.3				
102+39	RT	R1-1			6.3				
102+39	RT	R1-3P			0.8				
103+28	CL	R4-7		1.0	5.0				
103+34	LT	R1-1		1.0	6.3				
103+34	LT	R1-1			6.3				
103+34	LT	R1-3P			0.8				
103+35	LT	R1-2	3.9				13.5		
103+35	LT	R6-5P	6.3				13.5		
103+45 TO	CL	VALLEY CREEK						1.0	
103+49	RT	W11-2	6.3				13.5		
103+49	RT	W16-7P(L)	2.2				13.5		
103+60	LT	W11-2	6.3				13.5		
103+60	LT	W16-7P(L)	2.2				13.5		
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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DRAWN - KRN	REVISIONS -	
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PLOT DATE = 2/10/2026	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.

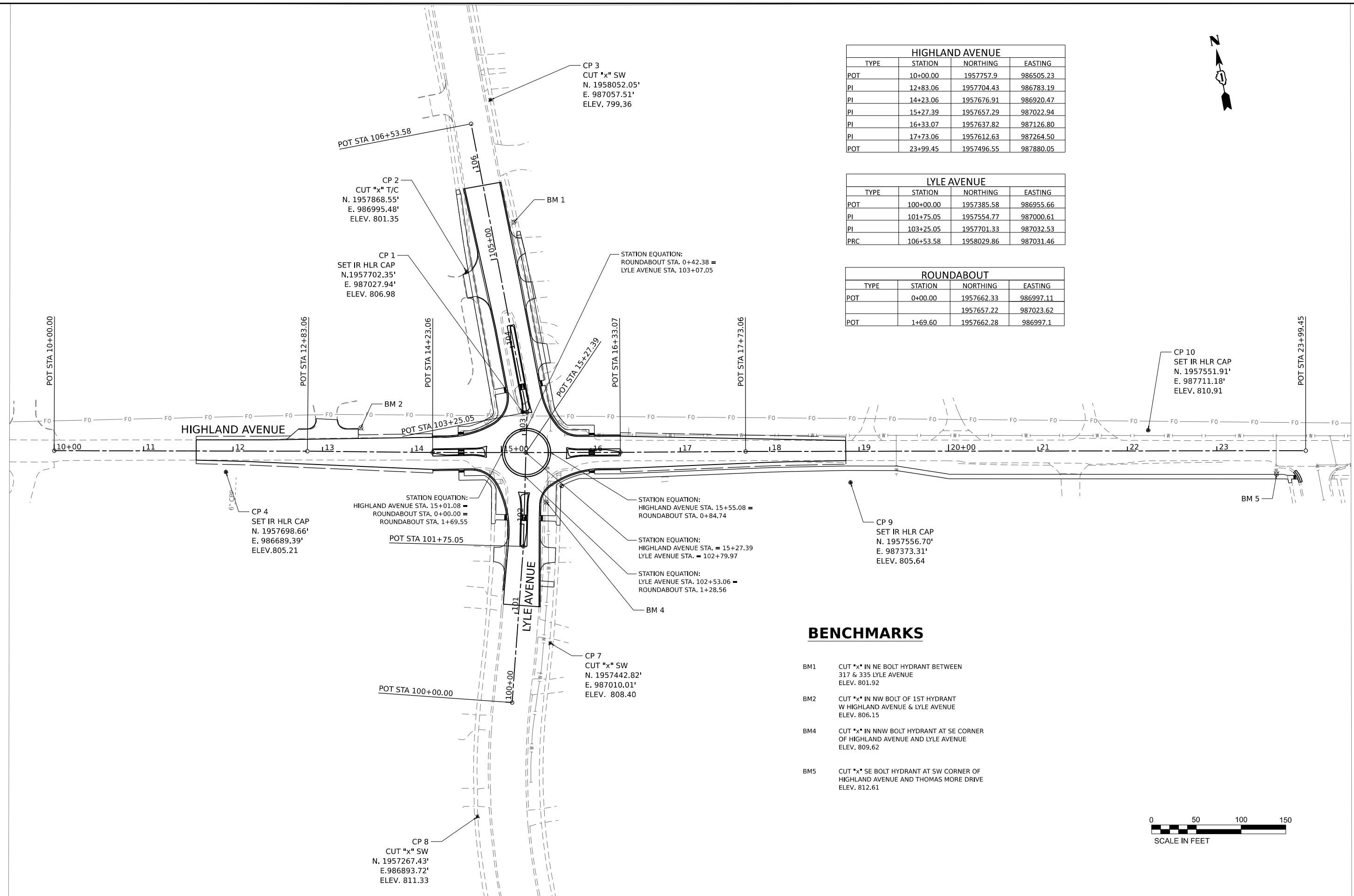
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	17
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				



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

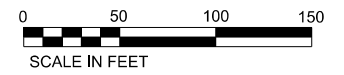
LYLE AVENUE			
TYPE	STATION	NORTHING	EASTING
POT	100+00.00	1957385.58	986955.66
PI	101+75.05	1957554.77	987000.61
PI	103+25.05	1957701.33	987032.53
PRC	106+53.58	1958029.86	987031.46

ROUNDAABOUT			
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



MODEL: P:\CADD\Highland.dwg; PLOT: 1 (15x11) FILE NAME: P:\2024\0623\CA002\Drawings\CADD_Sheets\240623-hh-DATE.dgn

USER NAME	knelmms	DESIGNED	KRMDELAC	REVISED	-
DRAWN	KRN	CHECKED	KKS	REVISED	-
PLOT SCALE	0.16666667 1/16"	DATE	7/19/2025	REVISED	-
PLOT DATE	2/10/2026				






STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
ALIGNMENT, TIES & BENCHMARKS

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	18
CONTRACT NO. 61M33				
ILLINOIS		FED. AID PROJECT		

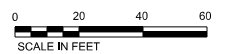
LEGEND

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

IMPROVEMENTS END
STA 105+83.5

IMPROVEMENTS BEGIN
STA 11+58.7

IMPROVEMENTS BEGIN
STA 101+09.0



MATCHLINE STA. 19+00.00 SEE SHT. 20

MODEL: P:\CADD\Highland_2 - Plan 11 (Sheet)
FILE NAME: P:\2024\06\23\CA02 - 04\31m\CADD_Sheets\240623-hbr-removal.dgn

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DRAWN	- KRN	REVISED	-		
PLOT SCALE	■ 0.16666667 / in.	CHECKED	- KKS	REVISED	-
PLOT DATE	■ 2/10/2026	DATE	- 1/9/26	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HIGHLAND AVE AT LYLE AVE ROUNDABOUT
REMOVAL PLAN**

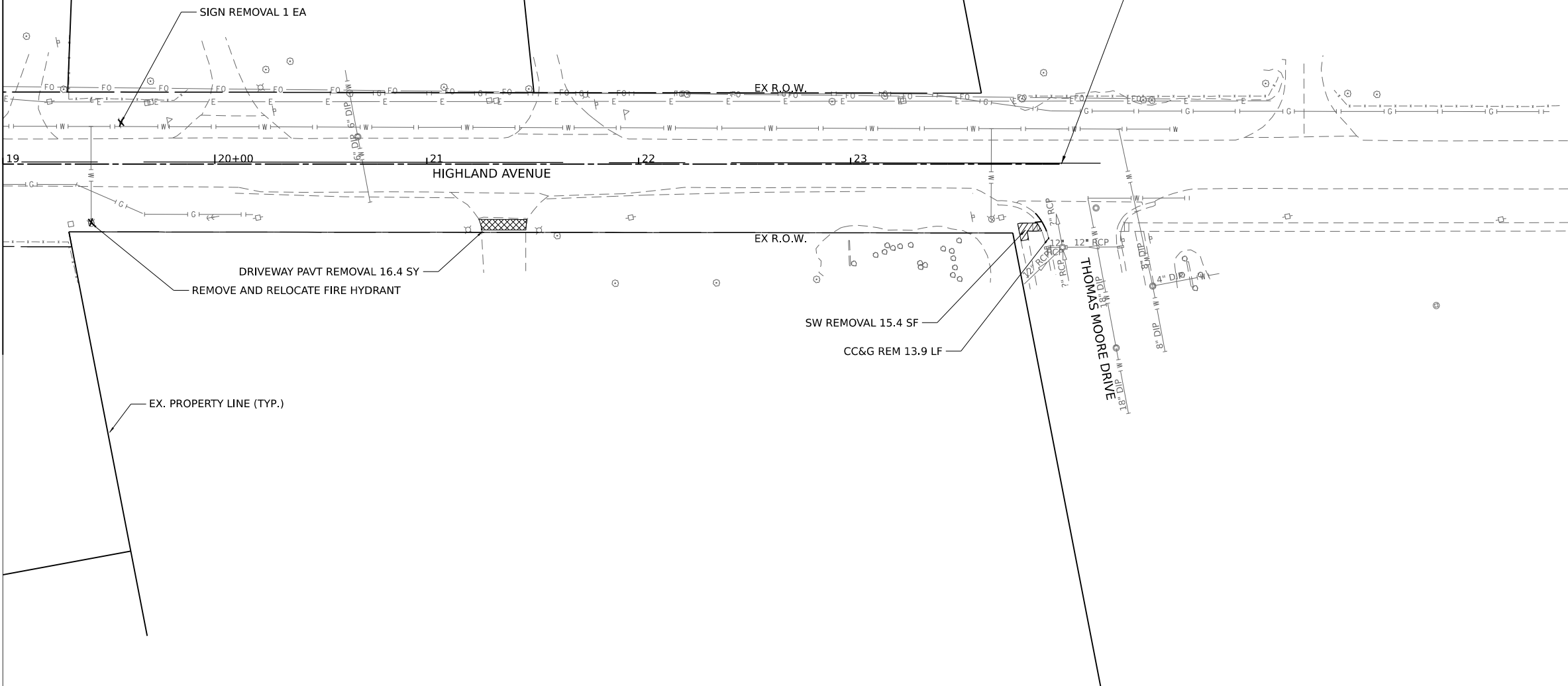
SCALE: 1"=30' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	19
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				



LEGEND	
	ASPHALT PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	LINEAR ITEM REMOVAL
	ITEM REMOVAL

MATCHLINE STA. 19+00.00 SEE SHT. 19



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DRAWN	- KRN	REVISIONS	-	DATE	-
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PLOT DATE	= 2/10/2026	DATE	- 1/9/26	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HIGHLAND AVE AT LYLE AVE ROUNDABOUT
REMOVAL PLAN**

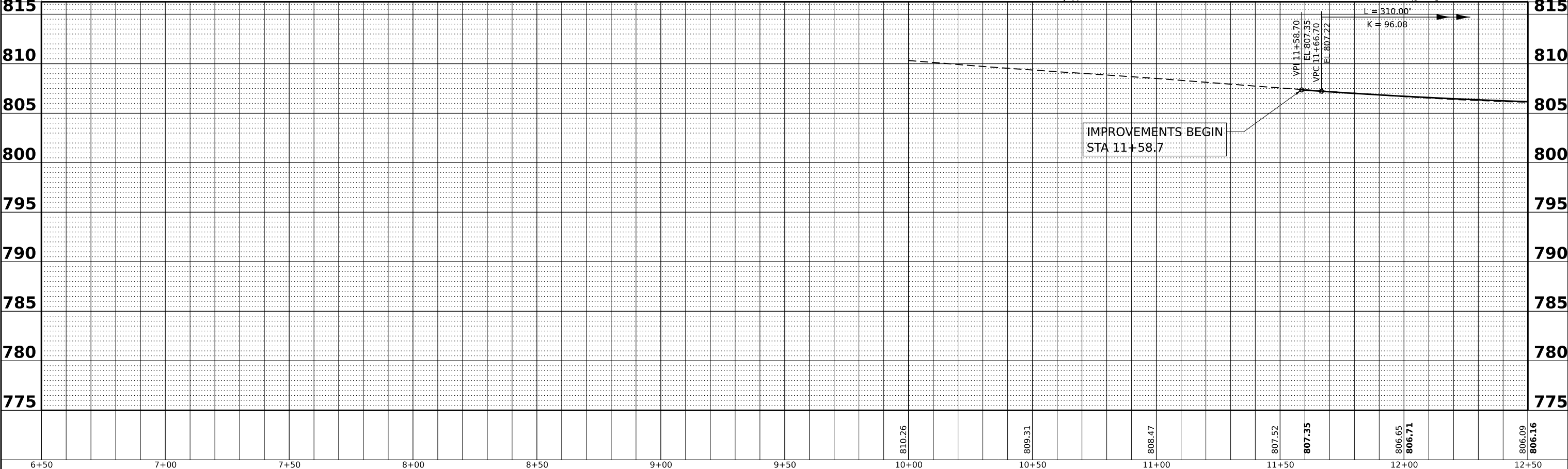
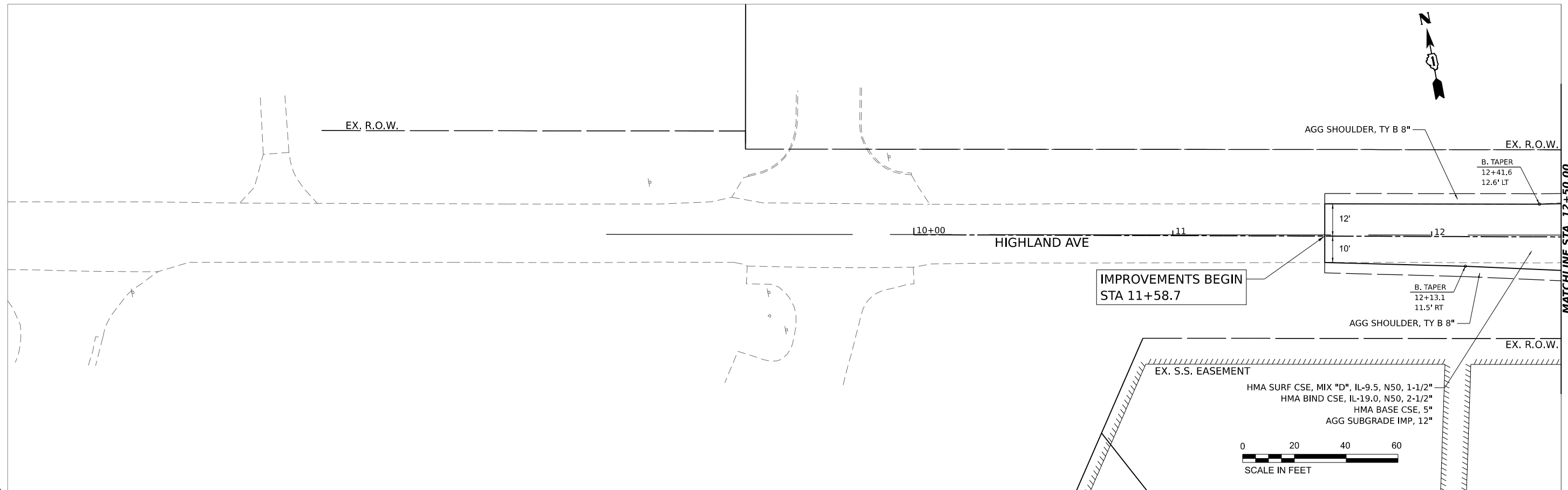
SCALE: 1"=30' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	20
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

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

MODEL: PCL - Highland - Plan 1 (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. 18-000999

USER NAME	= knelms	DESIGNED	- KRN	REVISED	-
		DRAWN	- KRN	REVISED	-
PLOT SCALE	= 0.16666667 1/in.	CHECKED	- KKS	REVISED	-
PLOT DATE	= 2/10/2026	DATE	- 1/9/26	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

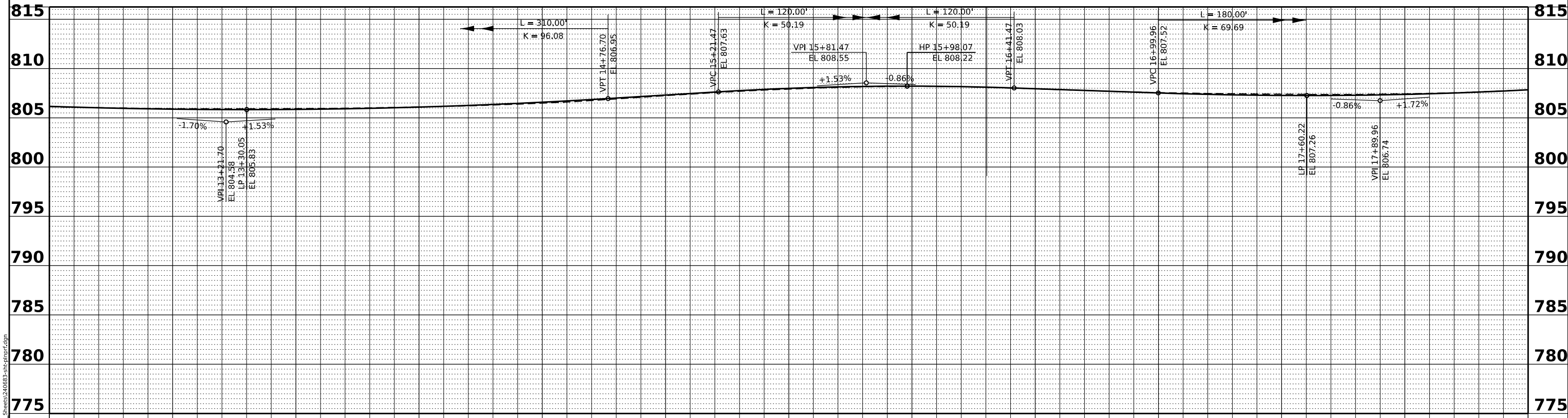
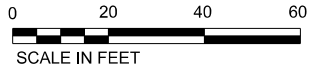
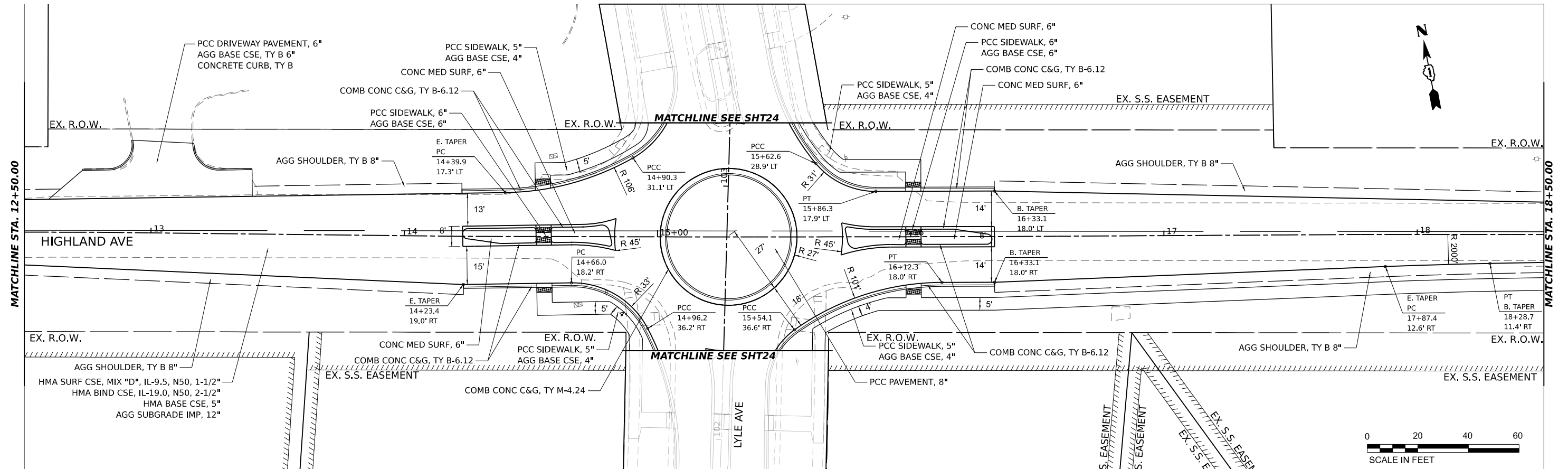
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	21
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: PCL_Highland - Plan 2 (Sheet)
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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	

HAMPTON, LENZINI AND RENWICK, INC.
 1707 N. RANDALL ROAD, SUITE 100
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-000099

USER NAME	knelm	DESIGNED	- KRN	REVISED	-
		DRAWN	- KRN	REVISED	-
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PLOT DATE	= 2/10/2026	DATE	- 1/9/26	REVISED	-

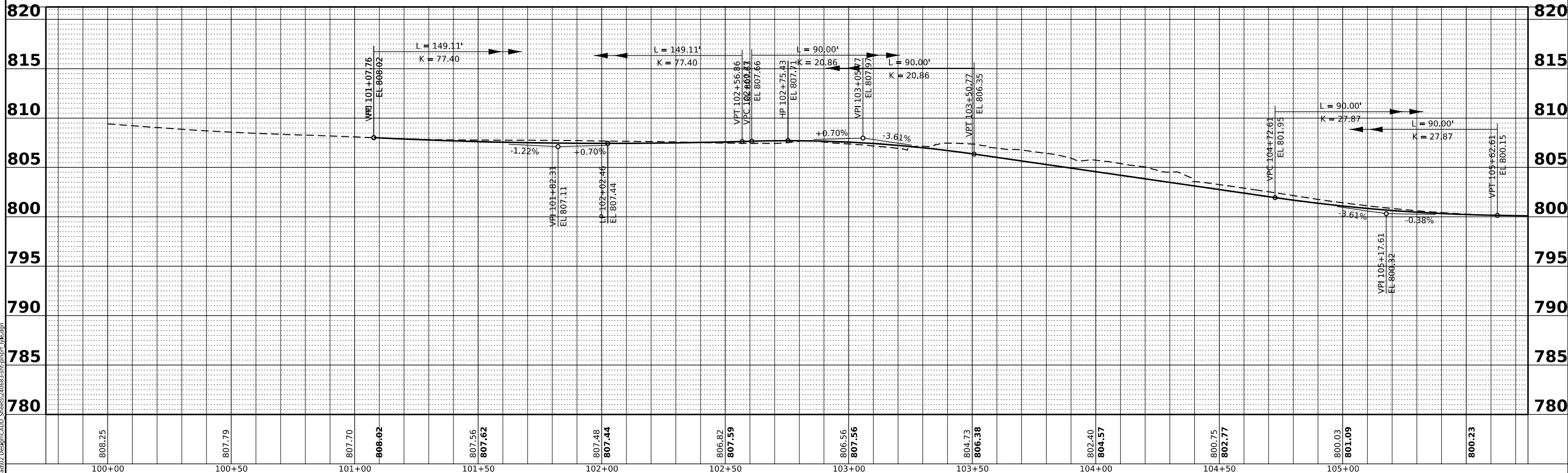
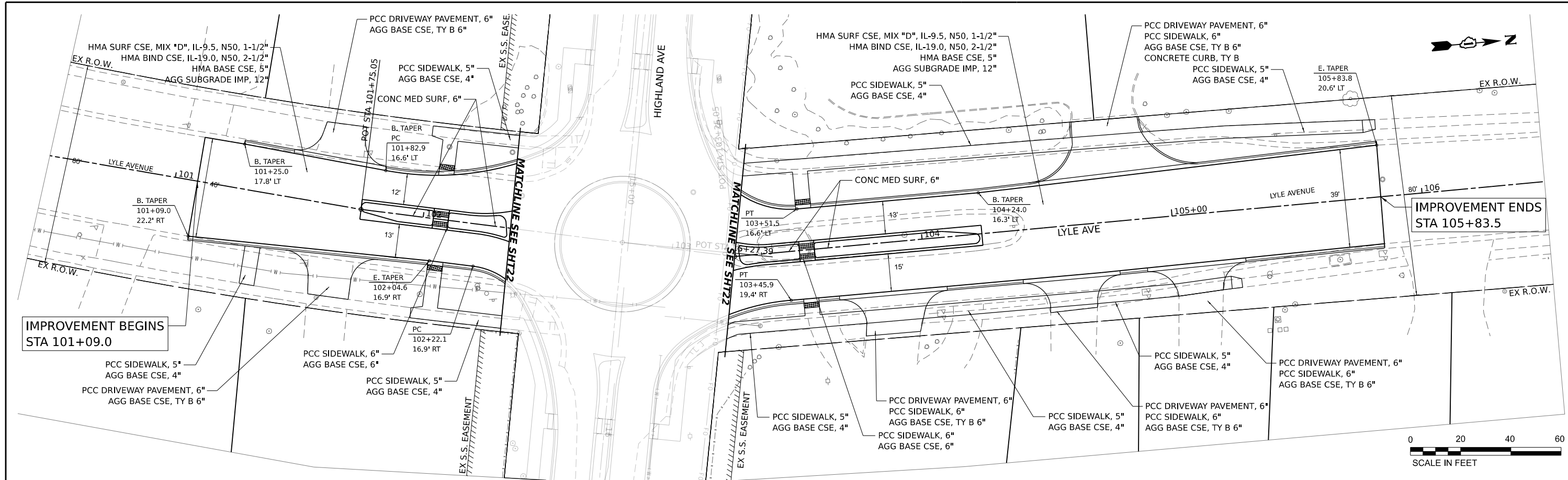
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**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	97	22
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADE CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
CADD FILE NAME	
PLAN NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
CADD FILE NAME	
PROFILE NO.	



MODEL: PCL_Lyle - Plan 1-1 (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. 184-000999

USER NAME	knelms	DESIGNED	- KRN	REVISED	-
		DRAWN	- KRN	REVISED	-
PLOT SCALE	= 0.16666667 / in.	CHECKED	- KKS	REVISED	-
PLOT DATE	= 2/10/2026	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	97	24
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

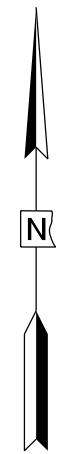
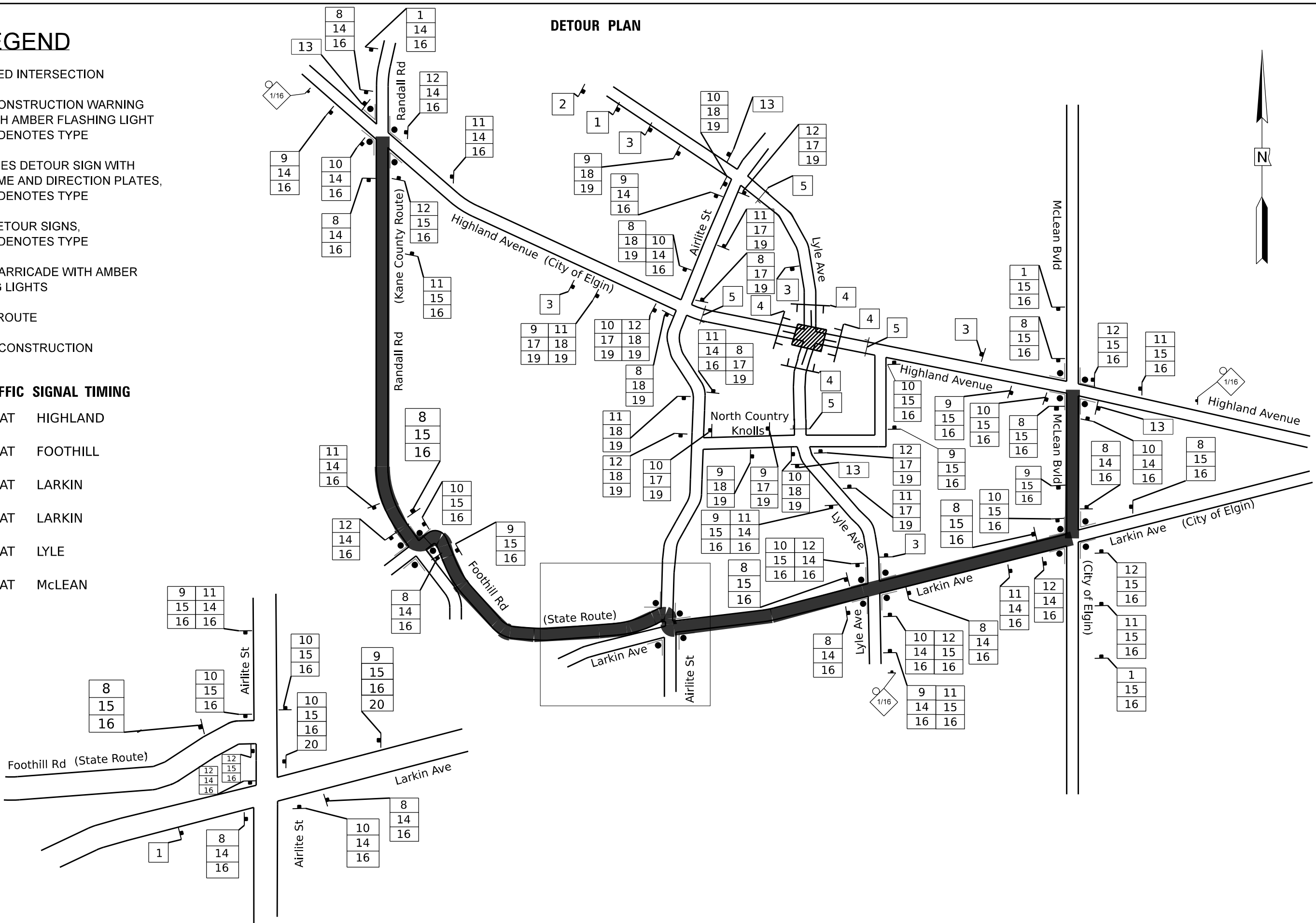
LEGEND

-  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 FOOHILL
3. AIRLITE AT LARKIN
4. MCLEAN AT LARKIN
5. LARKIN AT LYLE
6. HIGHLAND AT MCLEAN

DETOUR PLAN



MODEL: D:\default...
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DESIGNED	KRN
DRAWN	KRN
PLOT SCALE	40,0000' / in.
PLOT DATE	2/20/2026

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT			
DETOUR PLAN			
SCALE: NONE	SHEET	OF SHEETS	STA. TO STA.

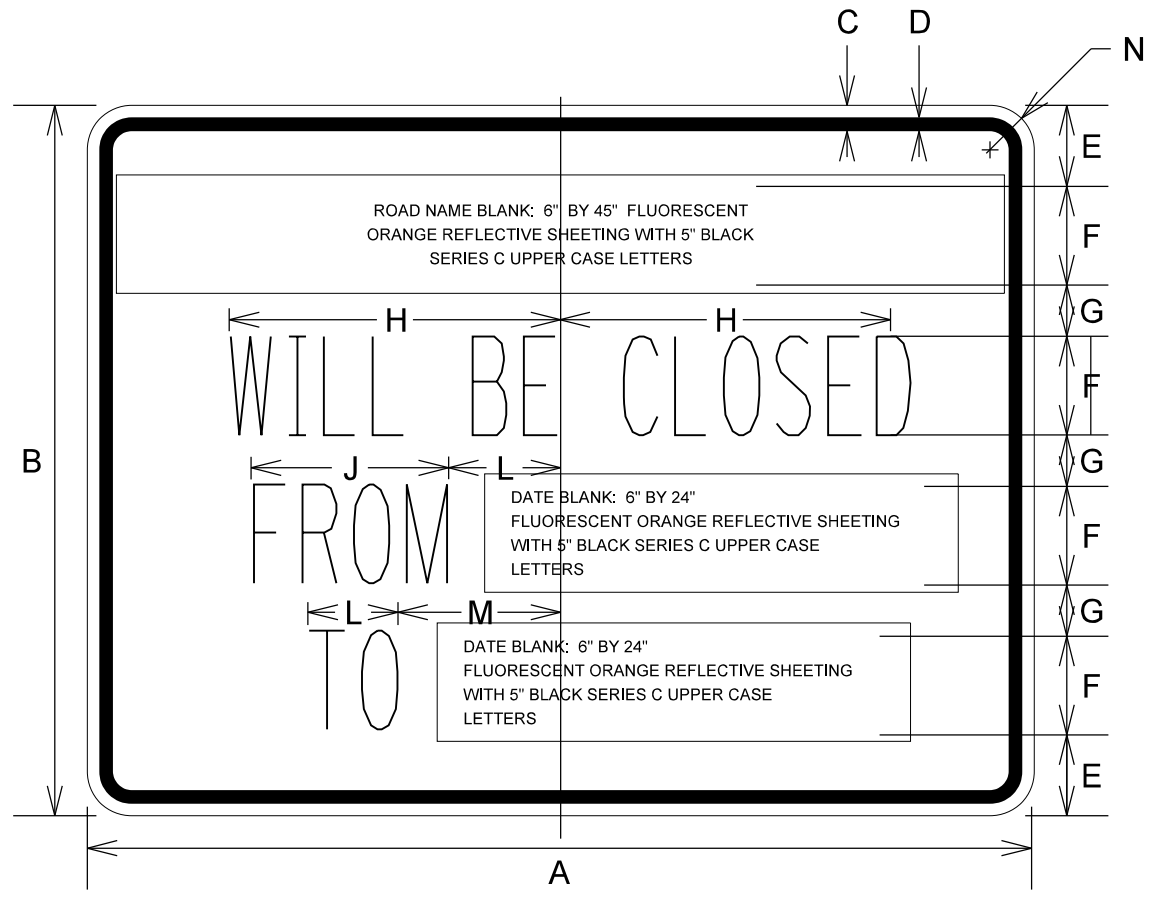
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	25
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

NUMBER OF SIGNS 8



DATES SHOWN ARE FOR EXAMPLE ONLY

NUMBER OF SIGNS 8



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"

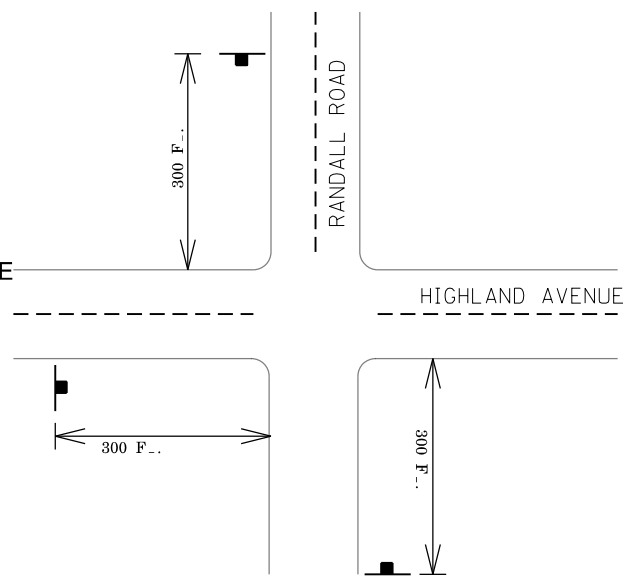
NOTE: SIGN SHEETING SHALL BE FLUORESCENT ORANGE WITH 5 INCH (125 mm) BLACK SERIES C LETTERS

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

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.

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.



MODEL: Default; FILE NAME: P:\2024\240683\CADD_Sheets\240683-Int-DeTour.dgn

USER NAME	■ knelms	DESIGNED	- KRN	REVISED	-
DRAWN	- KRN	CHECKED	- KKS	REVISED	-
PLOT SCALE	■ 40.0000 * / in.	DATE	- 1/9/26	REVISED	-
PLOT DATE	■ 2/10/2026				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HIGHLAND AVE AT LYLE AVE ROUNDABOUT
DETOUR PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	26
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SIGN NO.	SIGN	SIGN TYPE	QUANTITY	SIGN NO.	SIGN	SIGN TYPE	QUANTITY
①		W20-2 (O) 48	8	⑮		M3-4P (O) 2412	33
②		W20-3 (O) 48	1	⑯		SPECIAL (O) 6030	61
③		W20-3 (O) 48	5	⑰		M3-1P (O) 2412	10
④		R11-2 4830	4	⑱		M3-3P (O) 2412	10
⑤		R11-4 6030	4	⑲		SPECIAL (O) 6030	20
⑥		M4-10R (O) 4818	0	⑳		SPECIAL (O) 6030	2
⑦		M4-10L (O) 4818	0				
⑧		M4-9 (O) 3021	19				
⑨		M4-9R (O) 3021	14				
⑩		M4-9R (O) 3021	17				
⑪		M4-9L (O) 3021	14				
⑫		M4-9L (O) 3021	14				
⑬		M4-8a (O) 2418	4				
⑭		M3-2P (O) 2412	28				

DETOUR GENERAL NOTES

- 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.
- 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.
- 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
- LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
- THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED ACCORDING TO THE DETOUR PLAN AND INSPECTED & APPROVED BY THE ENGINEER.
- 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.
- 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)".
- 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.
- ALL DETOUR SIGNING SHALL BE POST MOUNTED.
- 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.
- THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO HOURS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC.
- ACCESS TO DRIVEWAYS WITHIN THE AREA OF CONSTRUCTION SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL STAGE WORK ACCORDINGLY.

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PLOT DATE	■ 2/10/2026	DATE	- 1/9/26	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
DETOUR PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	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 STABILIZED 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	97	28
CONTRACT NO. 61M33				
			ILLINOIS	FED. AID PROJECT

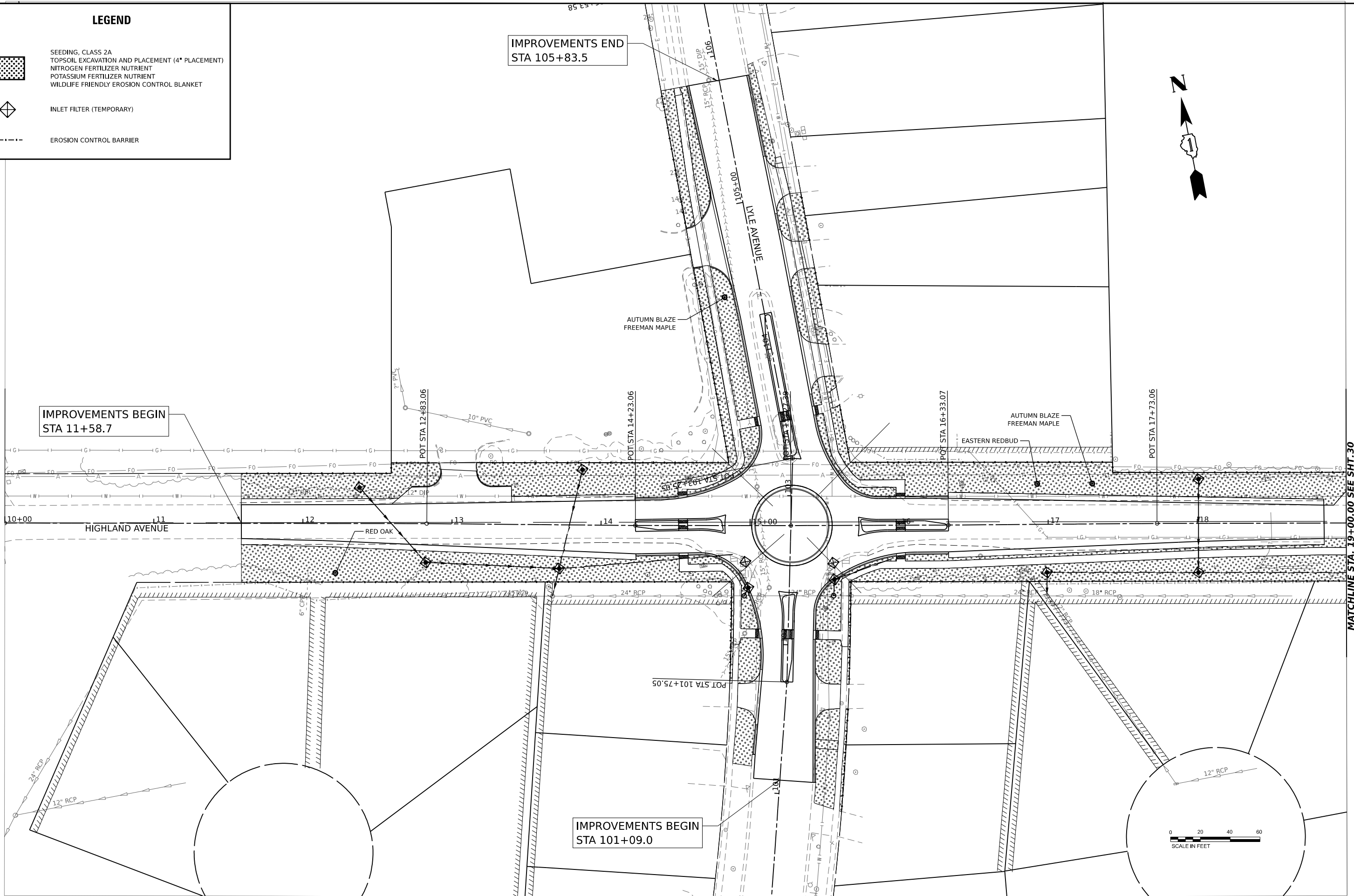
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-  SEEDING, CLASS 2A
TOPSOIL EXCAVATION AND PLACEMENT (4" PLACEMENT)
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
-  INLET FILTER (TEMPORARY)
-  EROSION CONTROL BARRIER

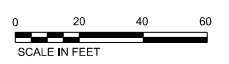
IMPROVEMENTS END
STA 105+83.5

IMPROVEMENTS BEGIN
STA 11+58.7

IMPROVEMENTS BEGIN
STA 101+09.0



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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	97	29
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

LEGEND



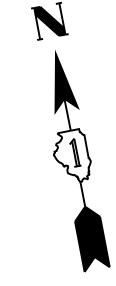
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 POTASSIUM FERTILIZER NUTRIENT
 WILDLIFE FRIENDLY EROSION CONTROL BLANKET



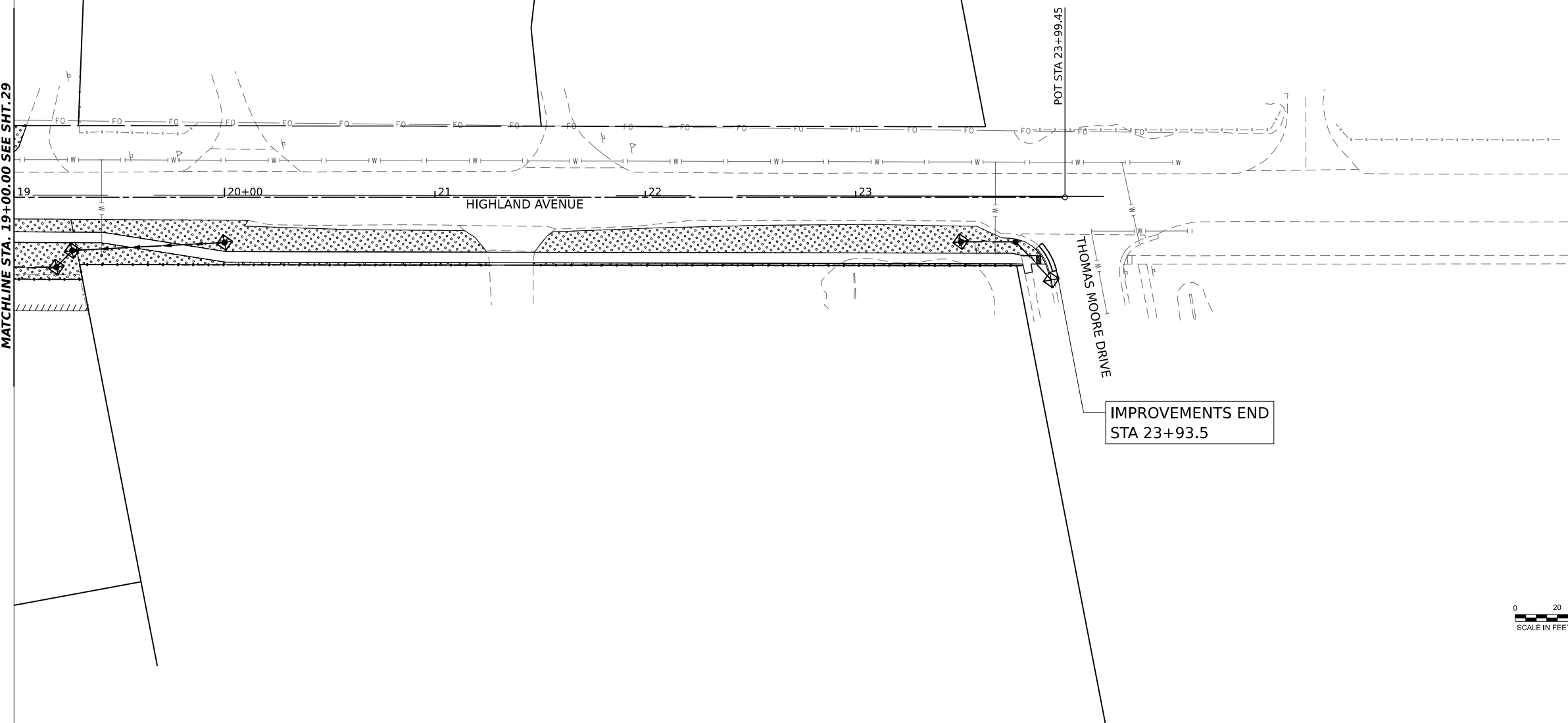
INLET FILTER (TEMPORARY)



EROSION CONTROL BARRIER



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POT STA 23+99.45

THOMAS MOORE DRIVE

IMPROVEMENTS END
STA 23+93.5



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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	97	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M33	

SUPPLEMENTAL STRUCTURE & PIPE LEGEND

NOTES:

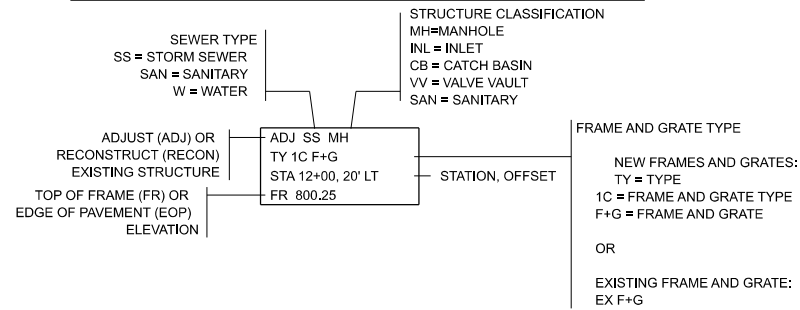
UNLESS OTHERWISE NOTED, THE LOCATIONS AND ELEVATIONS SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT FOR STRUCTURES IN THE CURB LINE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE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

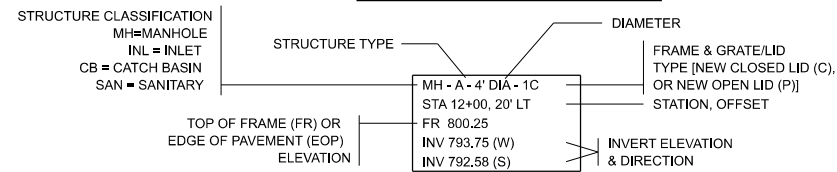
FRAME ADJUSTMENTS LOCATED IN THE PAVEMENT MAY NOT INCLUDE STATION AND OFFSET OR ELEVATION INFORMATION. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED.

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.

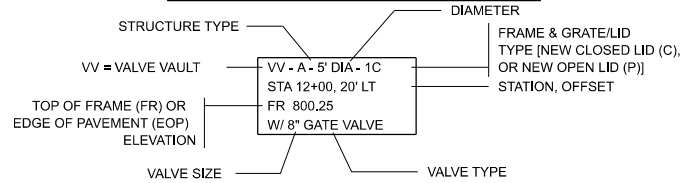
STRUCTURE ADJUSTMENTS/RECONSTRUCTION NOTATION



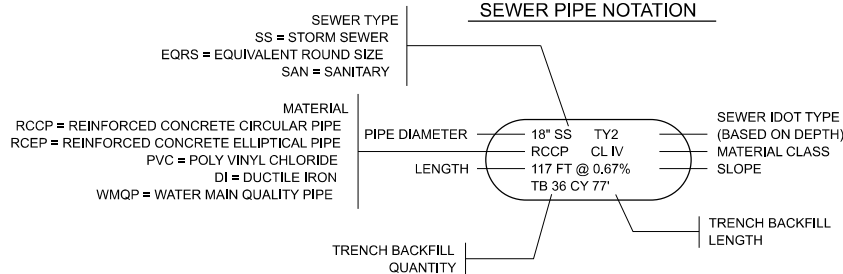
SEWER STRUCTURE NOTATION



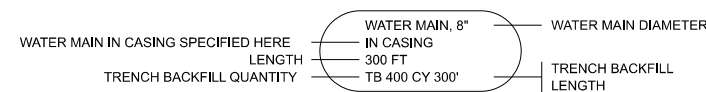
WATER MAIN STRUCTURE NOTATION



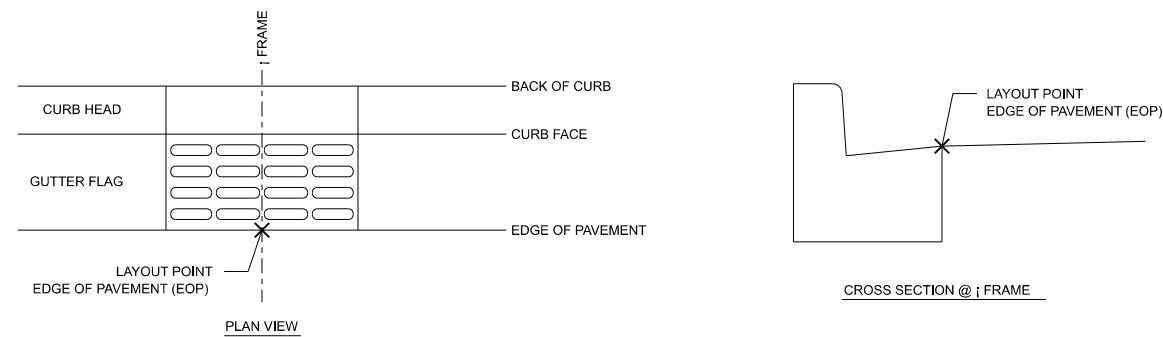
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WATER MAIN PIPE NOTATION



TYPICAL STRUCTURE LAYOUT POINT (CURB + GUTTER LINE)



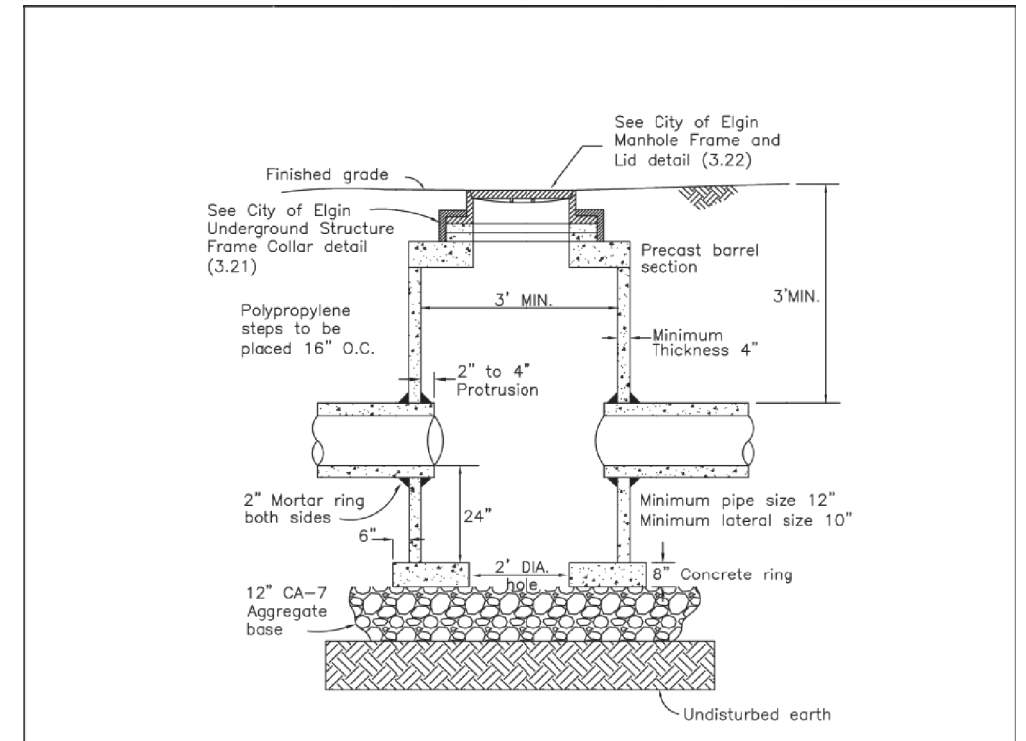
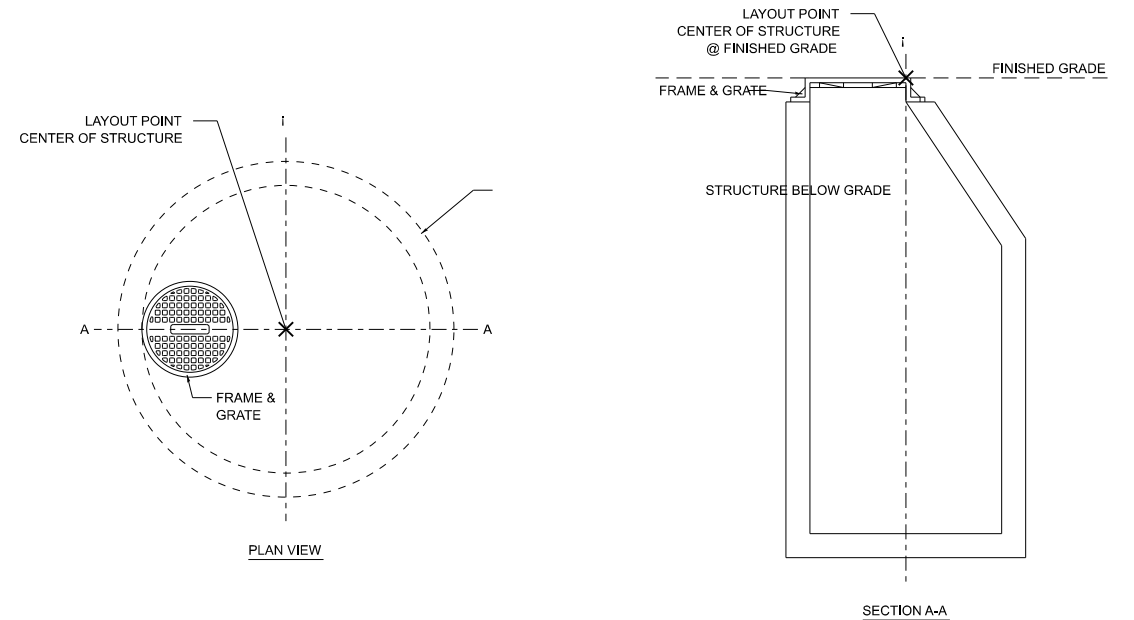
NOTES:

THE ABOVE SCHEMATIC DISPLAYS A TYPICAL CONDITION WHERE THE DIMENSIONS 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)



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

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NTS	BAS
DATE:	REVISED:
SEPT 2016	NOV 2020

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PLOT DATE = 2/10/2026	DATE - 1/9/26	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
 DRAINAGE NOTES

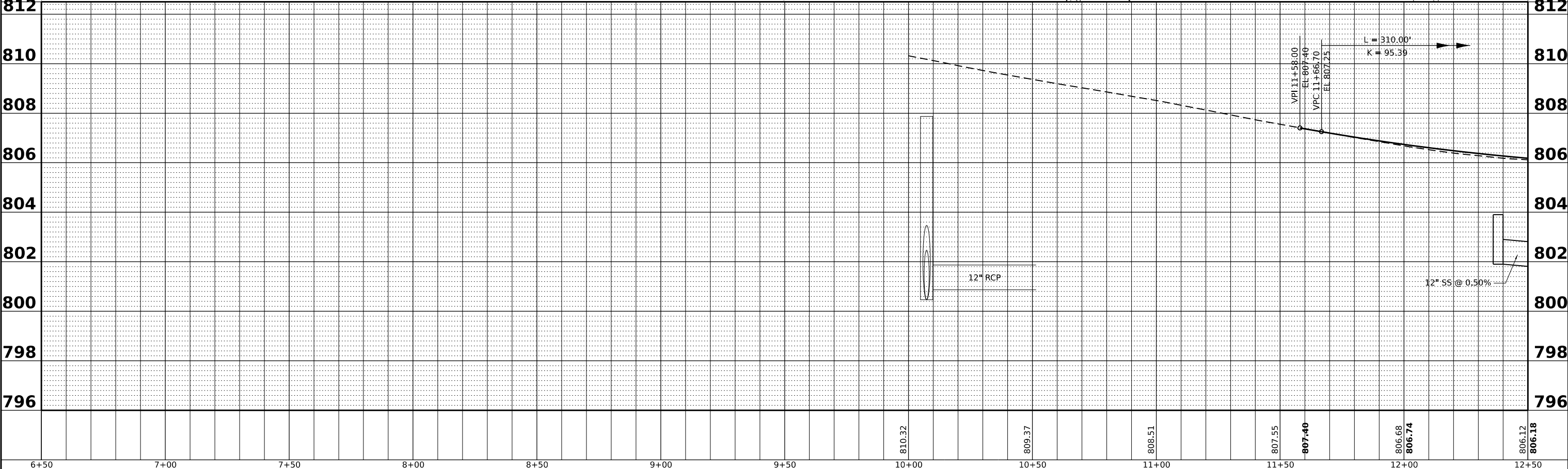
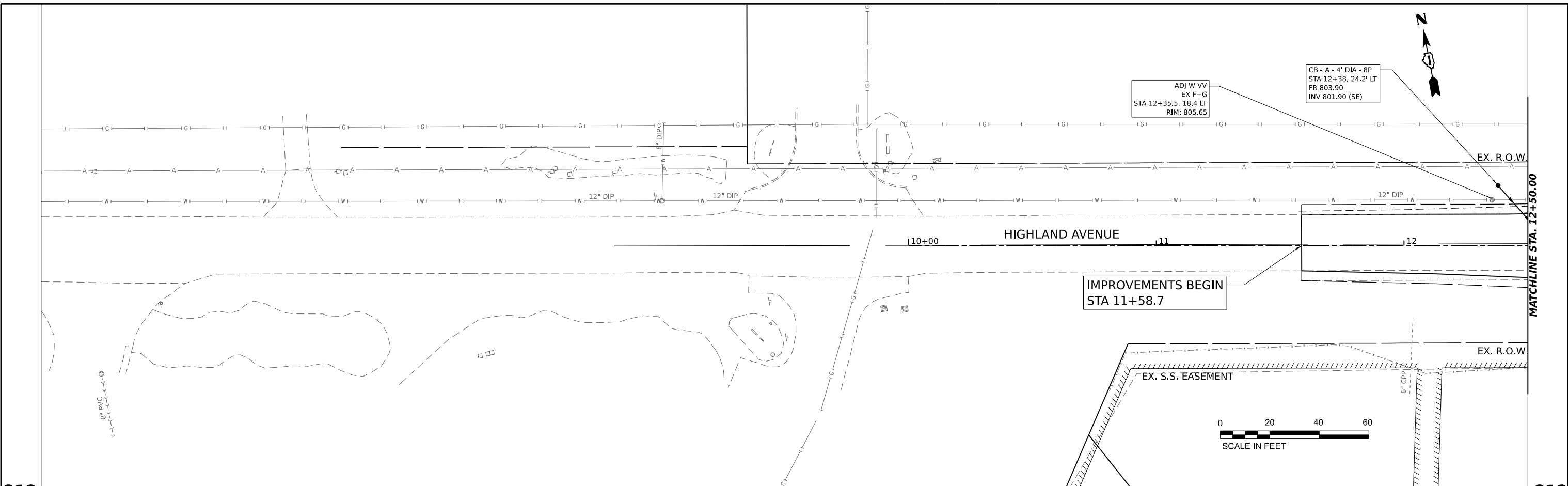
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	31
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	GRADES	FILE NAME
	STRUCTURE	NO.
	NOTES	

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

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 1707 N. RANDALL ROAD, SUITE 100
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-000999



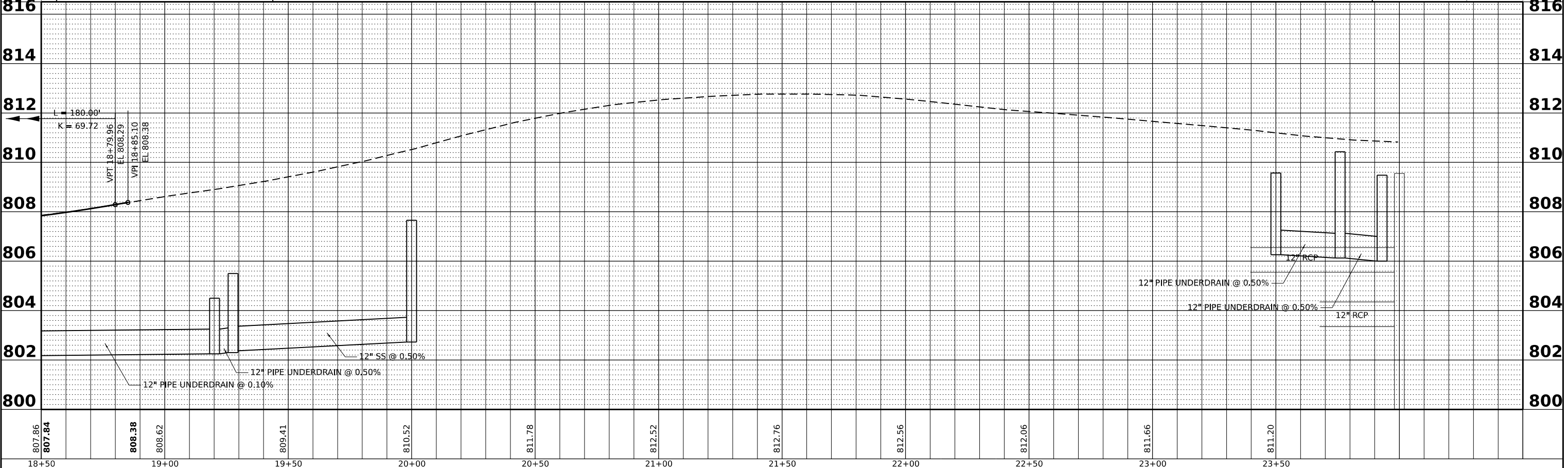
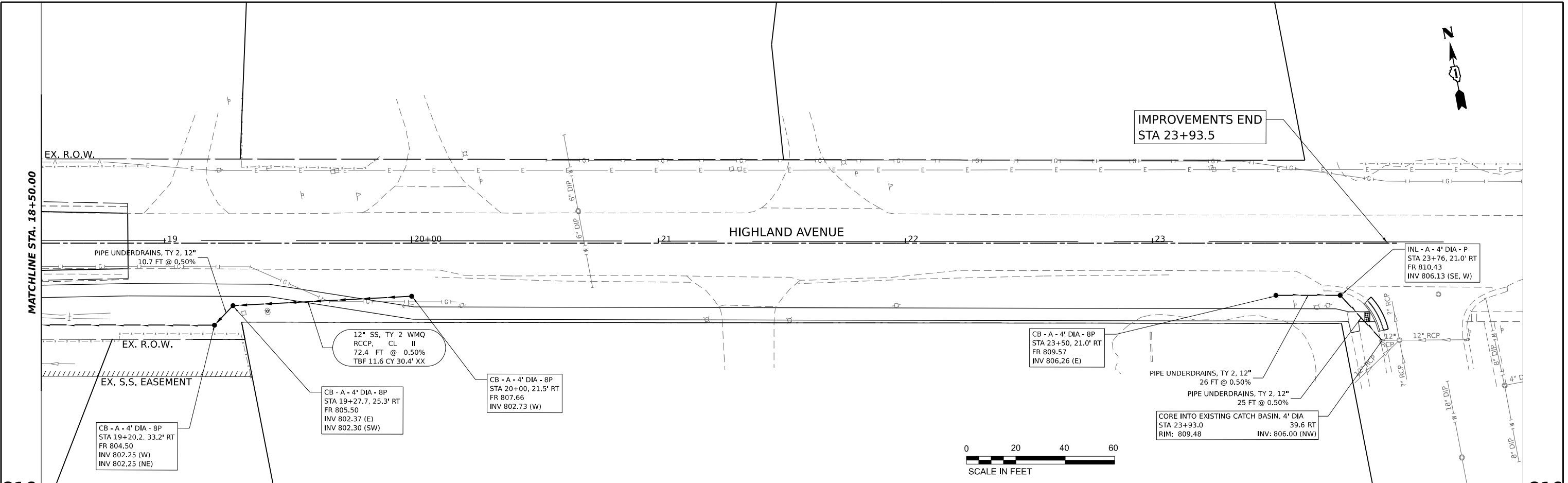
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											806.74	806.18

HAMPTON, LENZINI AND RENWICK, INC. 1707 N. RANDALL ROAD, SUITE 100 ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184-000999	USER NAME = knelms	DESIGNED - KRN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHLAND AVE AT LYLE AVE ROUNDABOUT DRAINAGE PLAN AND PROFILE: HIGHLAND AVENUE	F.A. RTE. = 1308	SECTION = 24-00109-00-CH	COUNTY = KANE	TOTAL SHEETS = 97	SHEET NO. = 32
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	PLOT DATE = 2/10/2026	DATE = 1/9/26	REVISED -							

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PLOTTED	
GRADES	
CHECKED	
STRUCTURE	
NOTATIONS	
CHKD	
NO.	

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

HAMPTON, LENZINI AND RENWICK, INC.
 1707 N. RANDALL ROAD, SUITE 100
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	knelm	DESIGNED	KRN	REVISED	-
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CHECKED	KKS	REVISED	-		
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	97	34
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

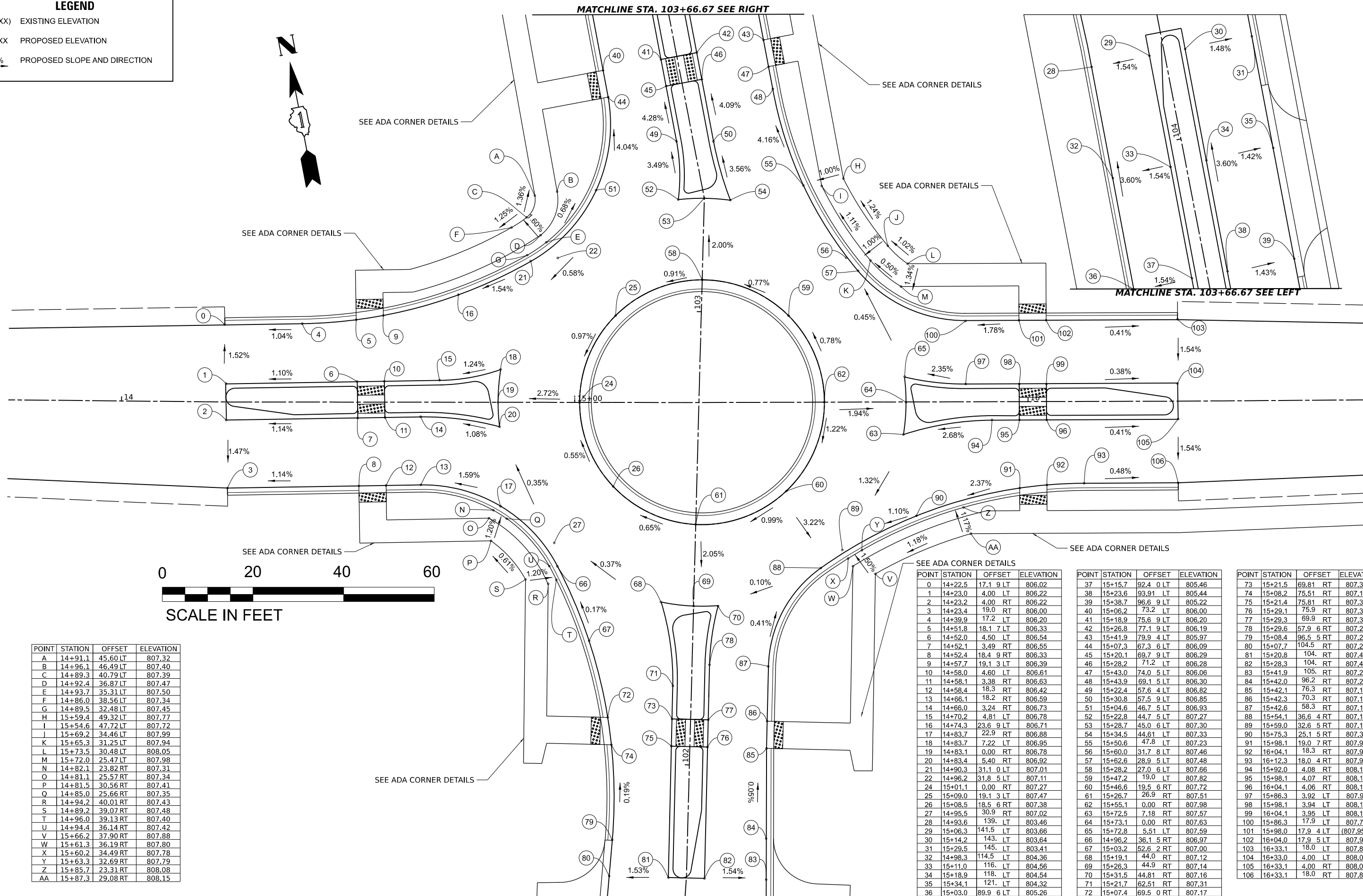
LEGEND

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



MATCHLINE STA. 103+66.67 SEE RIGHT

MATCHLINE STA. 103+66.67 SEE LEFT



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
0	14+22.5	17.1 9 LT	806.02
1	14+23.0	4.00 LT	806.22
2	14+23.2	4.00 RT	806.22
3	14+23.4	19.0 RT	806.00
4	14+39.9	17.2 LT	806.20
5	14+51.8	18.1 7 LT	806.33
6	14+52.0	4.50 LT	806.54
7	14+52.1	3.49 RT	806.55
8	14+52.4	18.4 9 RT	806.33
9	14+57.7	19.1 3 LT	806.39
10	14+58.0	4.60 LT	806.61
11	14+58.1	3.38 RT	806.63
12	14+58.4	18.3 RT	806.42
13	14+66.1	18.2 RT	806.59
14	14+66.0	3.24 RT	806.73
15	14+70.2	4.81 LT	806.78
16	14+74.3	23.6 9 LT	806.71
17	14+83.7	22.9 RT	806.88
18	14+83.7	7.22 LT	806.95
19	14+83.1	0.00 RT	806.78
20	14+83.4	5.40 RT	806.92
21	14+90.3	31.1 0 LT	807.01
22	14+96.2	31.8 5 LT	807.11
24	15+01.1	0.00 RT	807.27
25	15+09.0	19.1 3 LT	807.47
26	15+08.5	18.5 6 RT	807.38
27	14+95.5	30.9 RT	807.02
28	14+93.6	139. LT	803.46
29	15+06.3	141.5 LT	803.66
30	15+14.2	143. LT	803.64
31	15+29.5	145. LT	803.41
32	14+98.3	114.5 LT	804.36
33	15+11.0	116. LT	804.56
34	15+18.9	118. LT	804.54
35	15+34.1	121. LT	804.32
36	15+03.0	89.9 6 LT	805.26

POINT	STATION	OFFSET	ELEVATION
37	15+15.7	92.4 0 LT	805.46
38	15+23.6	93.91 LT	805.44
39	15+38.7	96.6 9 LT	805.22
40	15+06.2	73.2 LT	806.00
41	15+18.9	75.6 9 LT	806.20
42	15+26.8	77.1 9 LT	806.19
43	15+41.9	79.9 4 LT	805.97
44	15+07.3	67.3 6 LT	806.09
45	15+20.1	69.7 9 LT	806.29
46	15+28.2	71.2 LT	806.28
47	15+43.0	74.0 5 LT	806.06
48	15+43.9	69.1 5 LT	806.30
49	15+22.4	57.6 4 LT	806.82
50	15+30.8	57.5 9 LT	806.85
51	15+04.6	46.7 5 LT	806.93
52	15+22.8	44.7 5 LT	807.27
53	15+28.7	45.0 6 LT	807.30
54	15+34.5	44.61 LT	807.33
55	15+50.6	47.8 LT	807.23
56	15+60.0	31.7 8 LT	807.46
57	15+62.6	28.9 5 LT	807.48
58	15+28.2	27.0 6 LT	807.66
59	15+47.2	19.0 LT	807.82
60	15+46.6	19.5 6 RT	807.72
61	15+26.7	26.9 RT	807.51
62	15+55.1	0.00 RT	807.98
63	15+72.5	7.18 RT	807.57
64	15+73.1	0.00 RT	807.63
65	15+72.8	5.51 LT	807.59
66	14+96.2	36.1 5 RT	806.97
67	15+03.2	52.6 2 RT	807.00
68	15+19.1	44.0 RT	807.12
69	15+26.3	44.9 RT	807.14
70	15+31.5	44.81 RT	807.16
71	15+21.7	62.51 RT	807.31
72	15+07.4	69.5 0 RT	807.17

POINT	STATION	OFFSET	ELEVATION
73	15+21.5	69.81 RT	807.38
74	15+08.2	75.51 RT	807.18
75	15+21.4	75.81 RT	807.38
76	15+29.1	75.9 RT	807.38
77	15+29.3	69.9 RT	807.38
78	15+29.6	57.9 6 RT	807.25
79	15+08.4	96.5 5 RT	807.22
80	15+07.7	104.5 RT	807.23
81	15+20.8	104. RT	807.43
82	15+28.3	104. RT	807.43
83	15+41.9	105. RT	807.22
84	15+42.0	96.2 RT	807.20
85	15+42.1	76.3 RT	807.19
86	15+42.3	70.3 RT	807.19
87	15+42.6	58.3 RT	807.17
88	15+54.1	36.6 4 RT	807.12
89	15+59.0	32.6 5 RT	807.19
90	15+75.3	25.1 5 RT	807.37
91	15+98.1	19.0 7 RT	807.93
92	16+04.1	18.3 RT	807.94
93	16+12.3	18.0 4 RT	807.92
94	15+92.0	4.08 RT	808.10
95	15+98.1	4.07 RT	808.16
96	16+04.1	4.06 RT	808.15
97	15+86.3	3.92 LT	807.91
98	15+98.1	3.94 LT	808.16
99	16+04.1	3.95 LT	808.15
100	15+86.3	17.9 LT	807.74
101	15+98.0	17.9 4 LT	(807.95)
102	16+04.0	17.9 5 LT	807.94
103	16+33.1	18.0 LT	807.82
104	16+33.0	4.00 LT	808.04
105	16+33.1	4.00 RT	808.03
106	16+33.1	18.0 RT	807.82

MODEL: P:\CADD\Highland - Rm - 2 - 15.rvt
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DATE: 1/9/26

USER NAME: kne1ms	DESIGNED: KRN	REVISED:
PLOT SCALE: 0.16666667 1/in.	DRAWN: KRN	REVISED:
PLOT DATE: 2/10/2026	CHECKED: KKS	REVISED:
	DATE: 1/9/26	REVISED:

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: SHEET 0 OF SHEETS STA. TO STA.

F.A.U. RTE. 1308	SECTION 24-00209-00-CH	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 35
CONTRACT NO. 61M33			ILLINOIS FED. AID PROJECT	

LEGEND

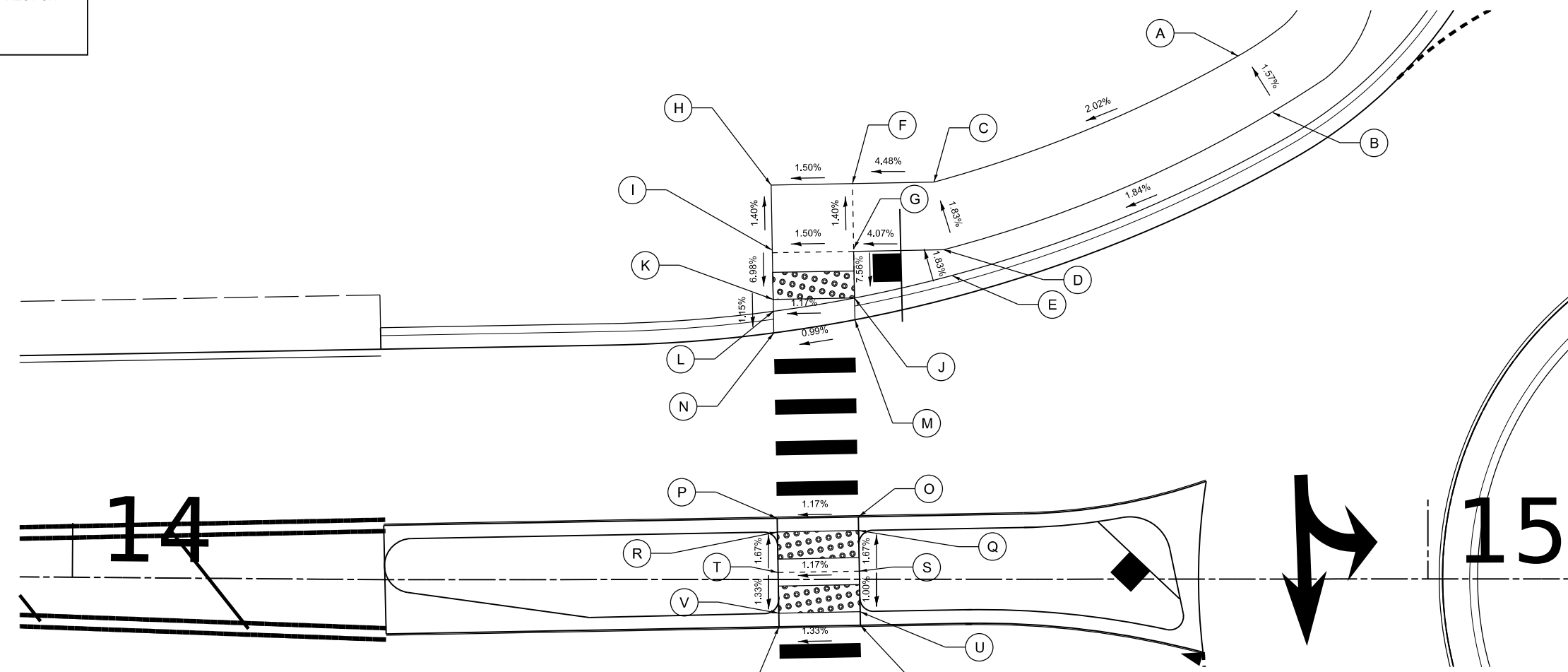
(XXX.XX) EXISTING ELEVATION

XXX.XX PROPOSED ELEVATION

X.X% PROPOSED SLOPE AND DIRECTION

----- SIDEWALK JOINT

HIGHLAND AVENUE



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

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FILE NAME: P:\2024\2406693\CADD_Sheets\2406693-ht-ADA_01a.dgn

USER NAME	■ knelms	DESIGNED	- KRN	REVISED	-
		DRAWN	- KRN	REVISED	-
PLOT SCALE	■ 10.0000' / in.	CHECKED	- KKS	REVISED	-
PLOT DATE	■ 2/10/2026	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.

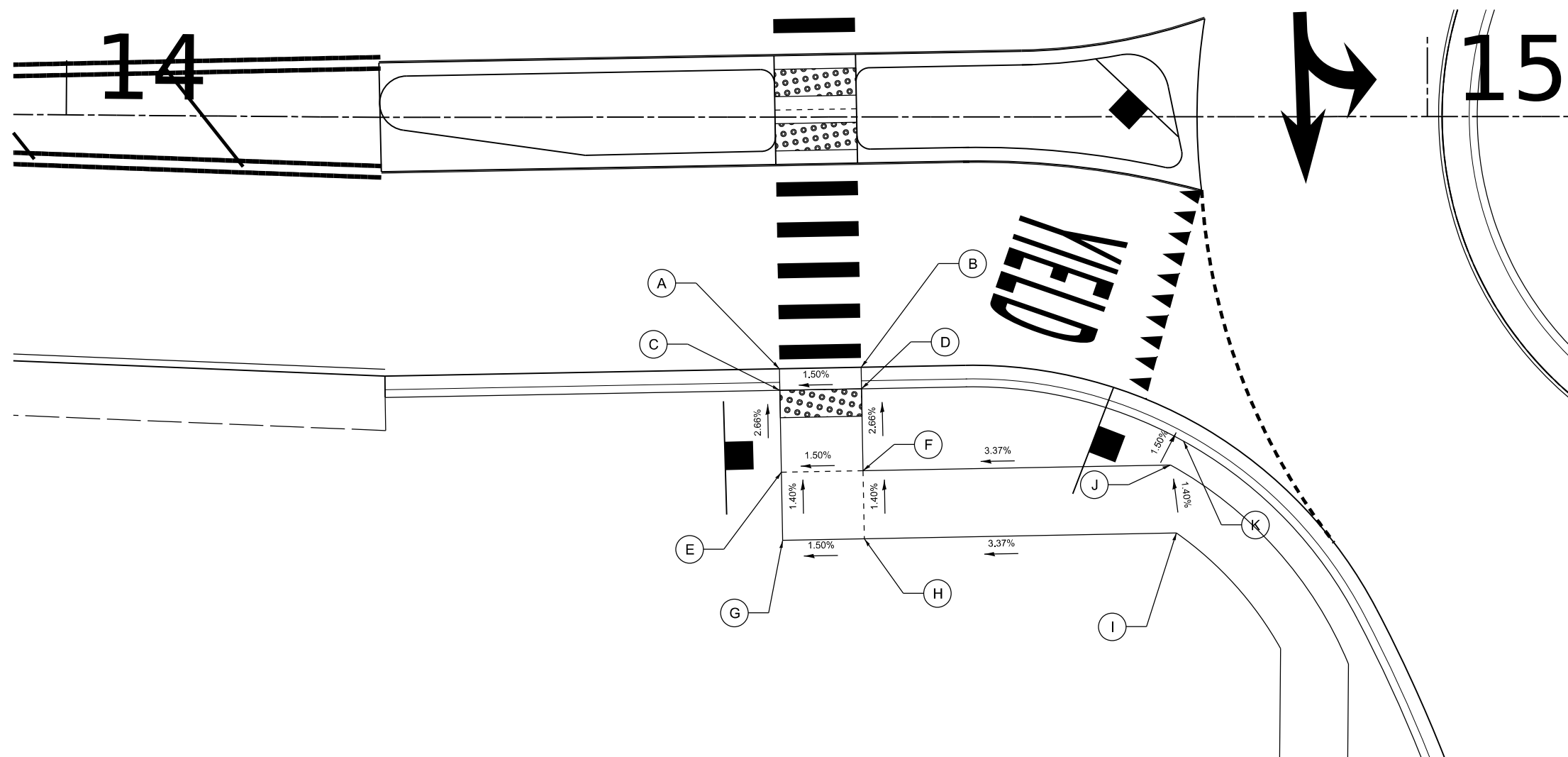
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	36
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

LEGEND

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

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	807.31

HIGHLAND AVENUE



LYLE AVENUE

MODEL Default
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USER NAME = knelms	DESIGNED - KRN	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KRN	REVISED -
PLOT DATE = 2/10/2026	CHECKED - KKS	REVISED -
	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.

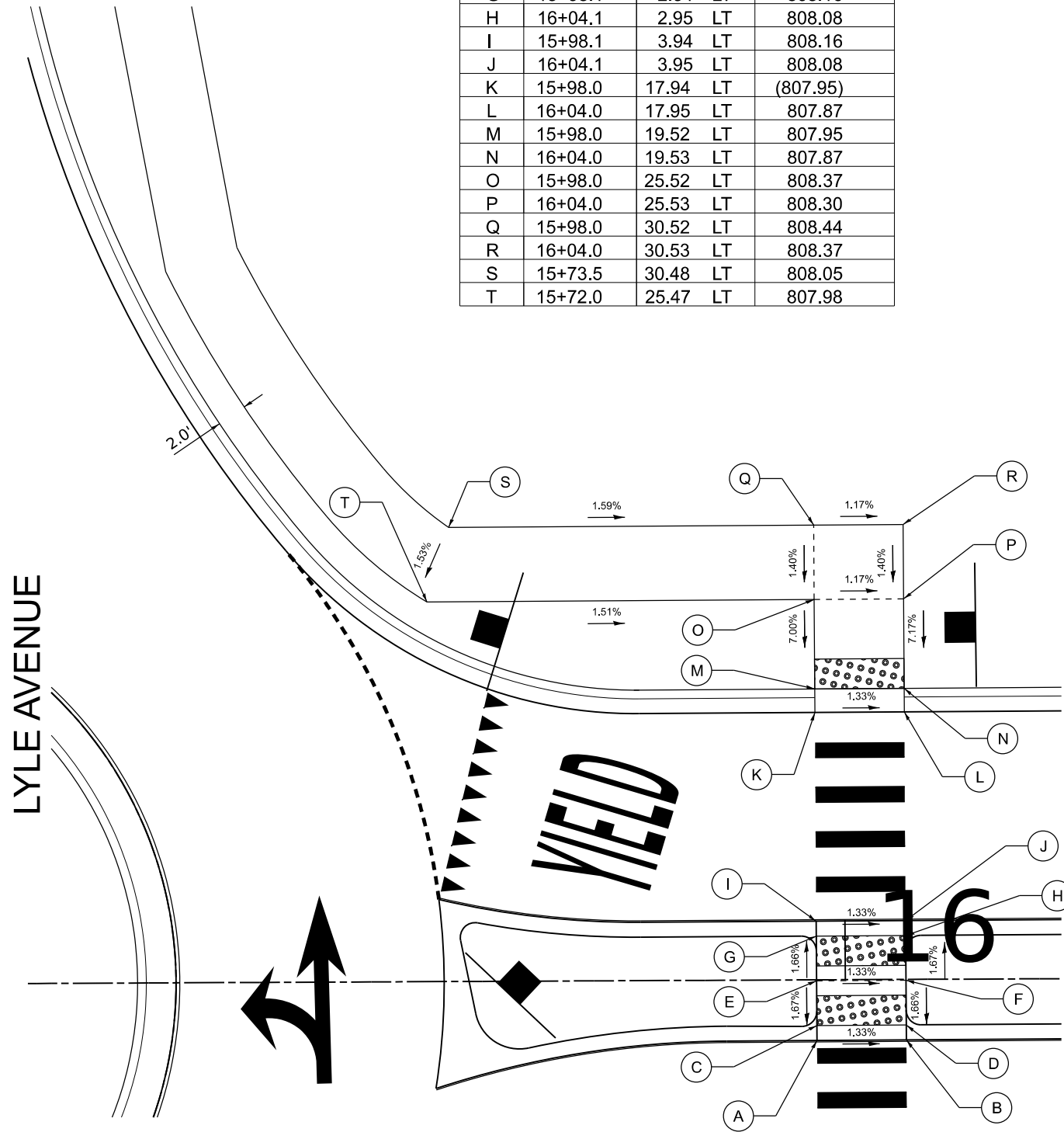
F.A.U. RTE. 1308	SECTION 24-00209-00-CH	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 37
CONTRACT NO. 61M33			ILLINOIS FED. AID PROJECT	

LEGEND

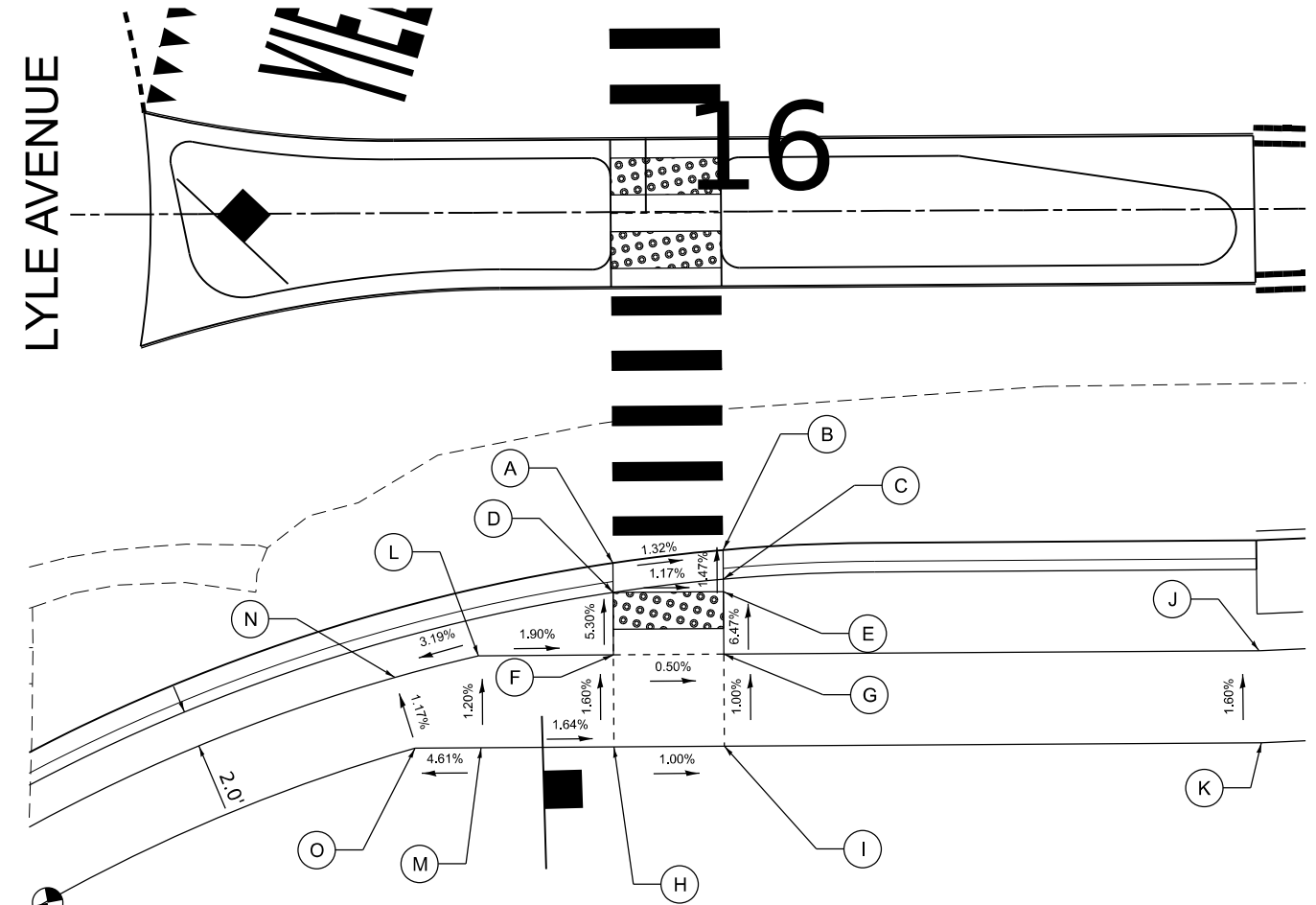
- (XXX.XX) EXISTING ELEVATION
- XXX.XX PROPOSED ELEVATION
- X.X% PROPOSED SLOPE AND DIRECTION
- - - - - SIDEWALK JOINT

HIGHLAND AVENUE

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



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

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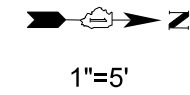
USER NAME	DESIGNED	REVISIONS
kneltms	- KRN	-
PLOT SCALE	CHECKED	REVISIONS
10.0000' / in.	- KKS	-
PLOT DATE	DATE	REVISIONS
2/10/2026	- 1/9/26	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

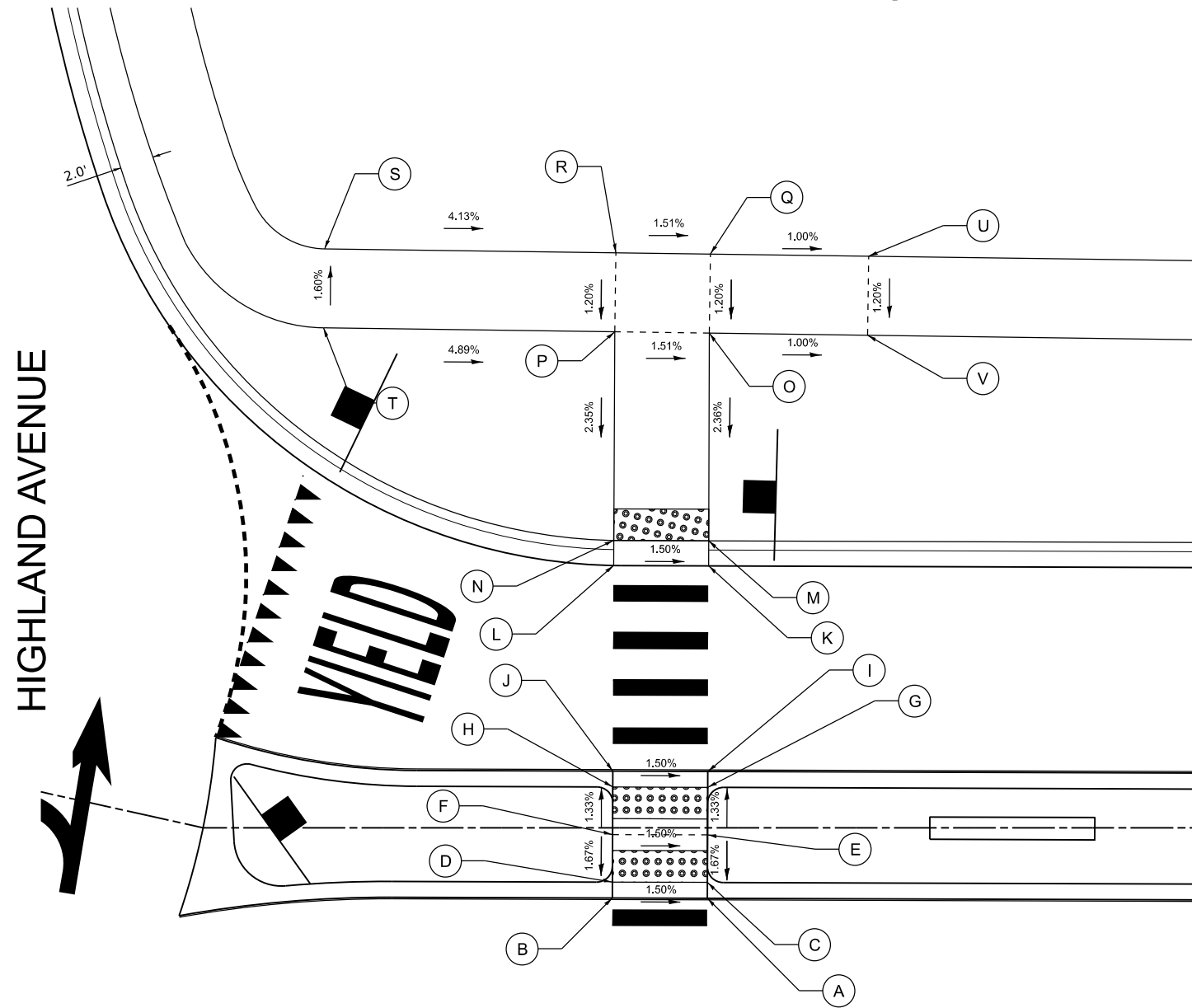
HIGHLAND AVE AT LYLE AVE ROUNDABOUT			
ADA DETAILS			
SCALE: 1" = 5'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	38
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

LYLE AVENUE



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

HIGHLAND AVENUE

YIELD

MODEL: Default
FILE NAME: P:\2024\240683\Cadd\Drawings\CADD_Sheets\240683-Int-ADA_03a.dgn

USER NAME	■ knelms	DESIGNED	- KRN	REVISED	-
DRAWN	- KRN	CHECKED	- KKS	REVISED	-
PLOT SCALE	■ 10.0000' / in.	DATE	- 1/9/26	REVISED	-
PLOT DATE	■ 2/10/2026				

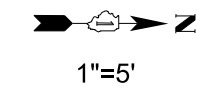
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	97	39
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

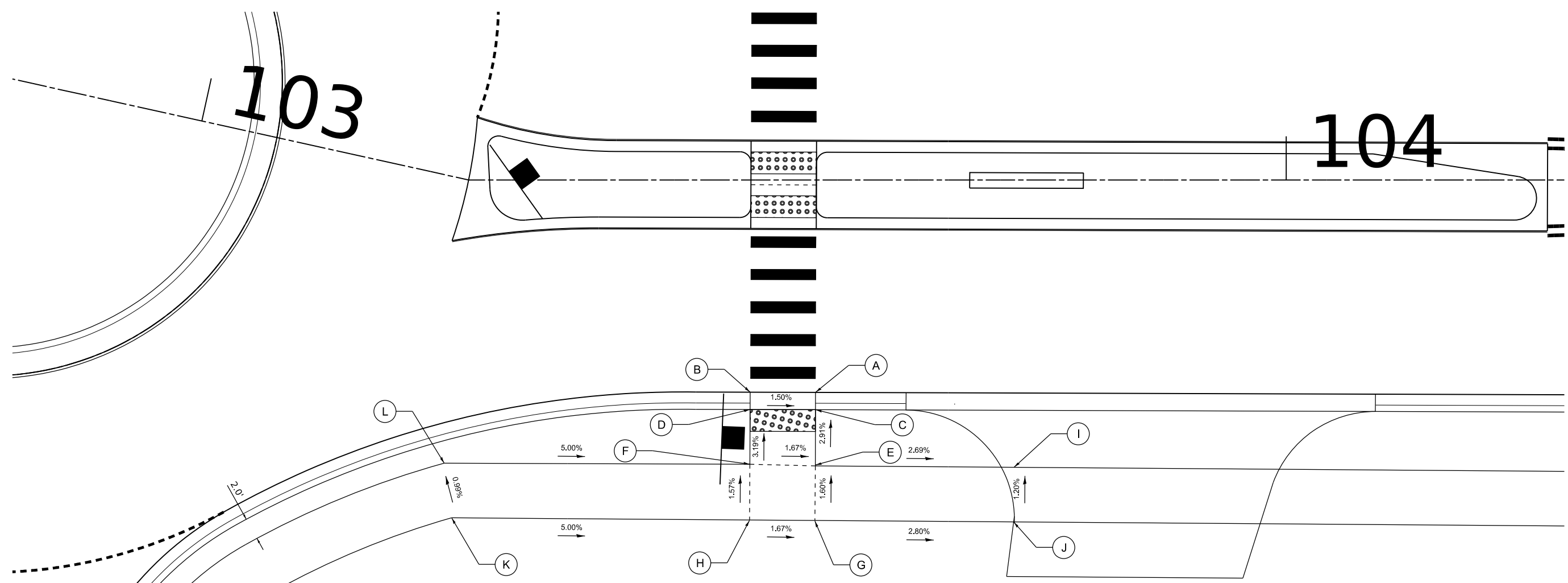
LYLE AVENUE



HIGHLAND AVENUE

103

104



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: D:\default...
 FILE NAME: P:\2024\240683\CADD_Sheets\240683-ht-ADA_03b.dgn

USER NAME	■ knelms	DESIGNED	- KRN	REVISED	-
		DRAWN	- KRN	REVISED	-
PLOT SCALE	■ 10.0000' / in.	CHECKED	- KKS	REVISED	-
PLOT DATE	■ 2/10/2026	DATE	- 1/9/26	REVISED	-

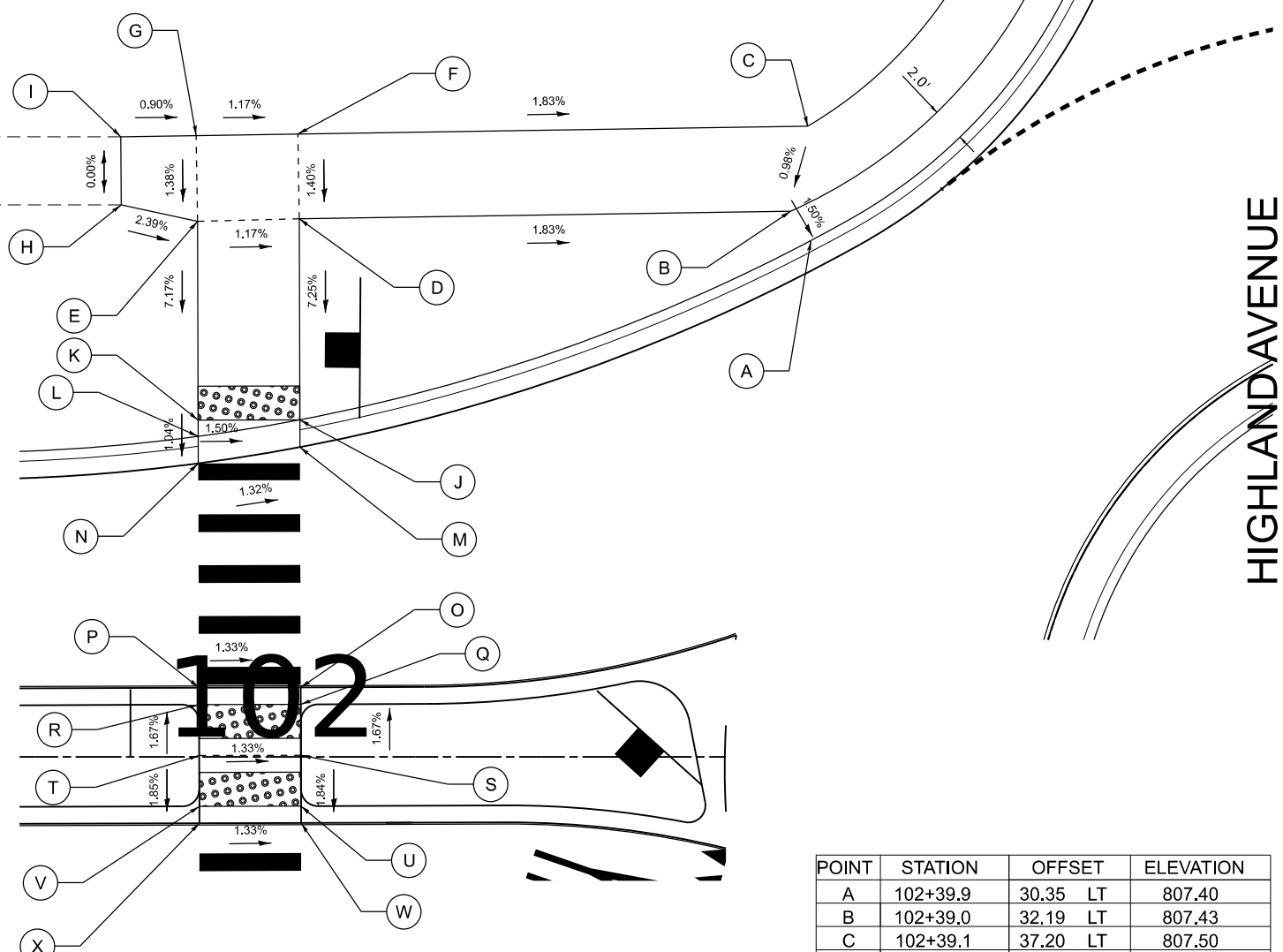
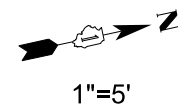
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	97	40
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

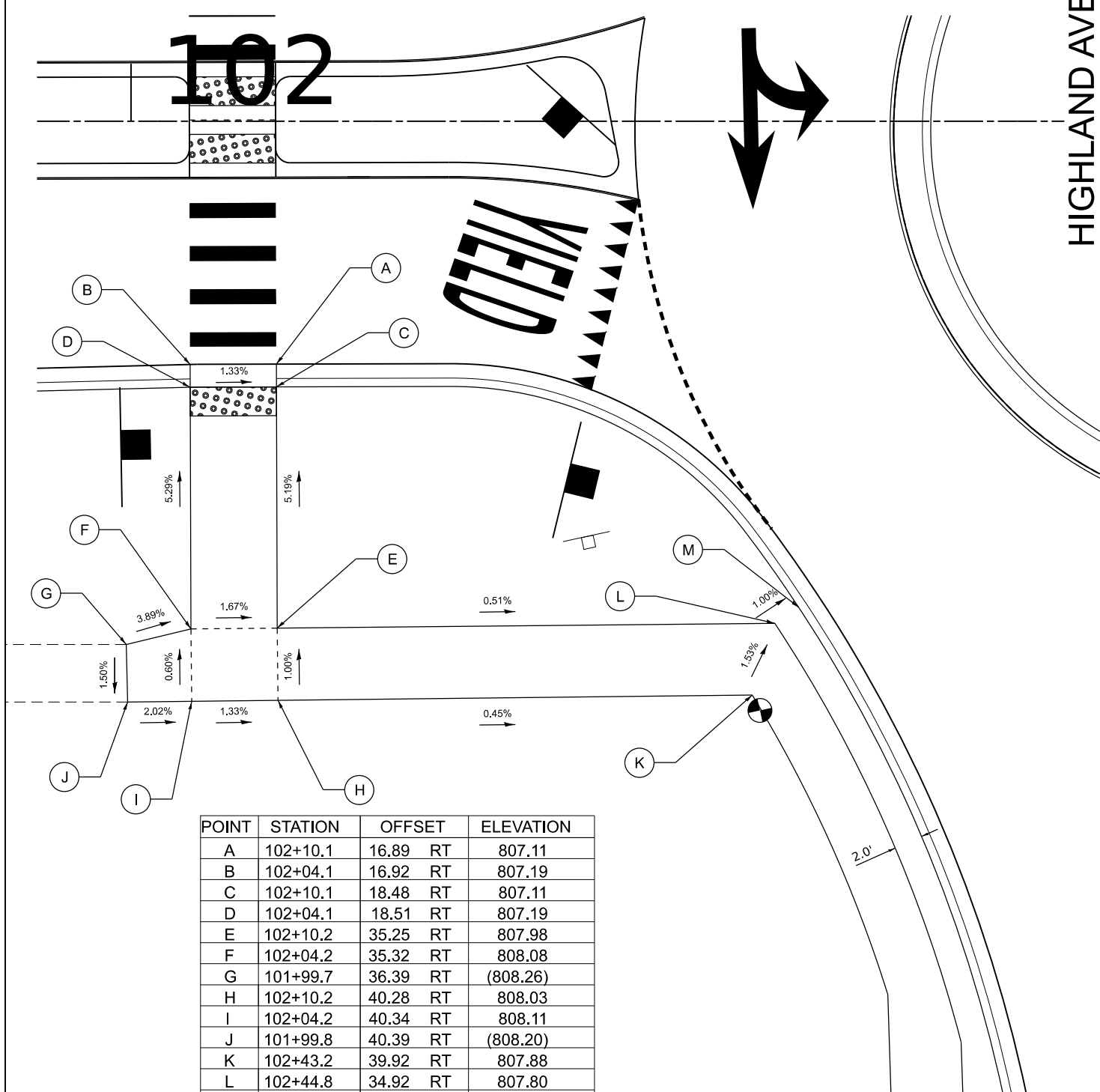
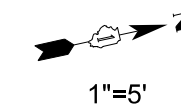
LYLE AVENUE



HIGHLAND AVENUE

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

LYLE AVENUE



HIGHLAND AVENUE

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

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LEGEND

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

USER NAME	DESIGNED - KRN	REVISIONS
DRAWN - KRN	REVISIONS	
PLOT SCALE = 1/8" = 1' / in.	CHECKED - KKS	REVISIONS
PLOT DATE = 2/10/2026	DATE - 1/9/26	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
ADA DETAILS

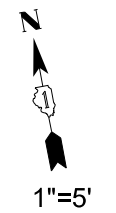
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	41
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

LEGEND

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

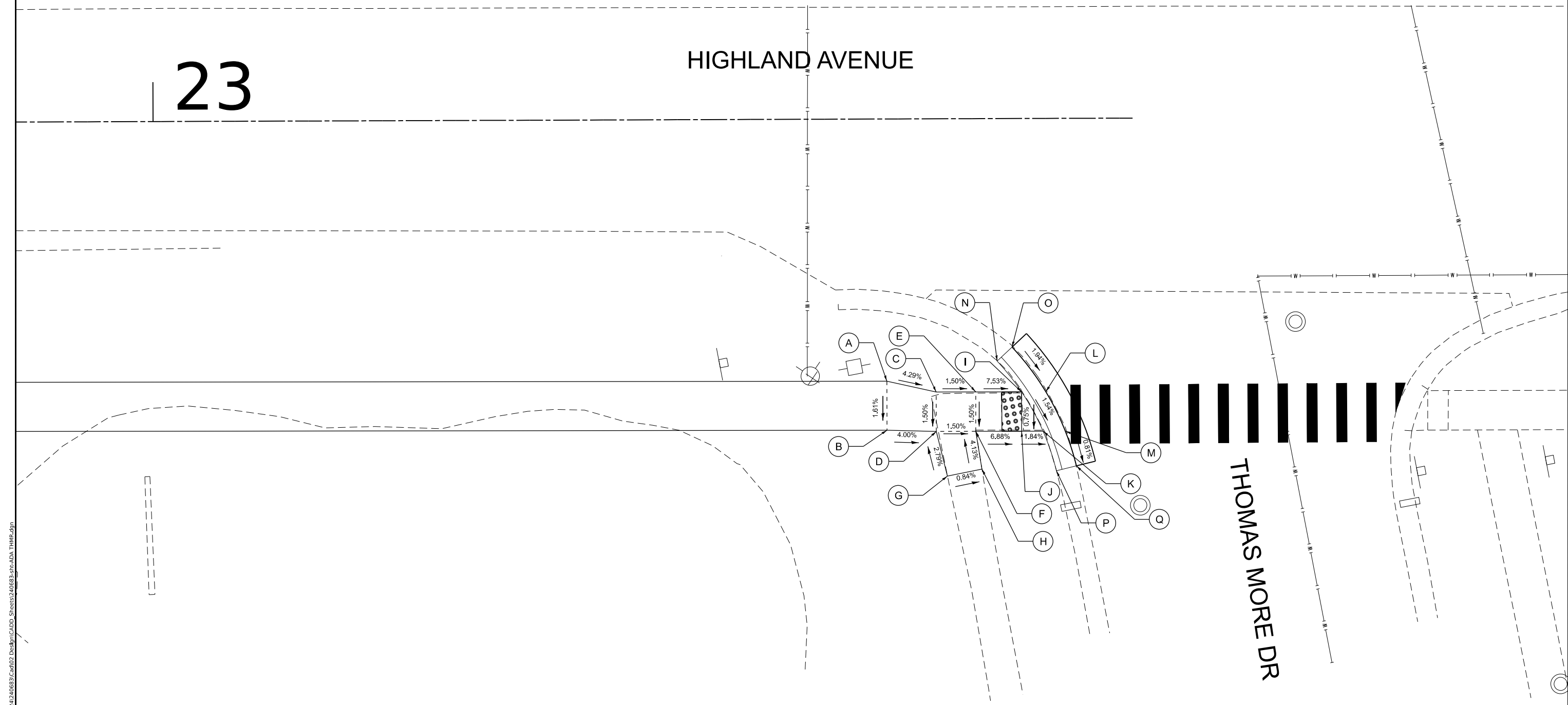
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B	23+74.4	31.58	RT	810.18
C	23+79.3	27.73	RT	810.04
D	23+79.4	31.73	RT	809.98
E	23+83.4	27.73	RT	809.98
F	23+83.4	31.73	RT	809.92
G	23+80.5	36.26	RT	(810.11)
H	23+84.0	35.56	RT	(810.08)
I	23+88.0	27.73	RT	809.63
J	23+88.0	31.73	RT	809.60
K	23+90.2	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)



23

HIGHLAND AVENUE

THOMAS MORE DR



MODEL D:\p\h\l...
 FILE NAME: P:\2024\240683\CADD_Sheets\240683-ht-ADA_THMR.dgn

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	DRAWN - KRN	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - KKS	REVISED -
PLOT DATE = 2/10/2026	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. 1308	SECTION 24-00209-00-CH	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 42
CONTRACT NO. 61M33			ILLINOIS FED. AID PROJECT	

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

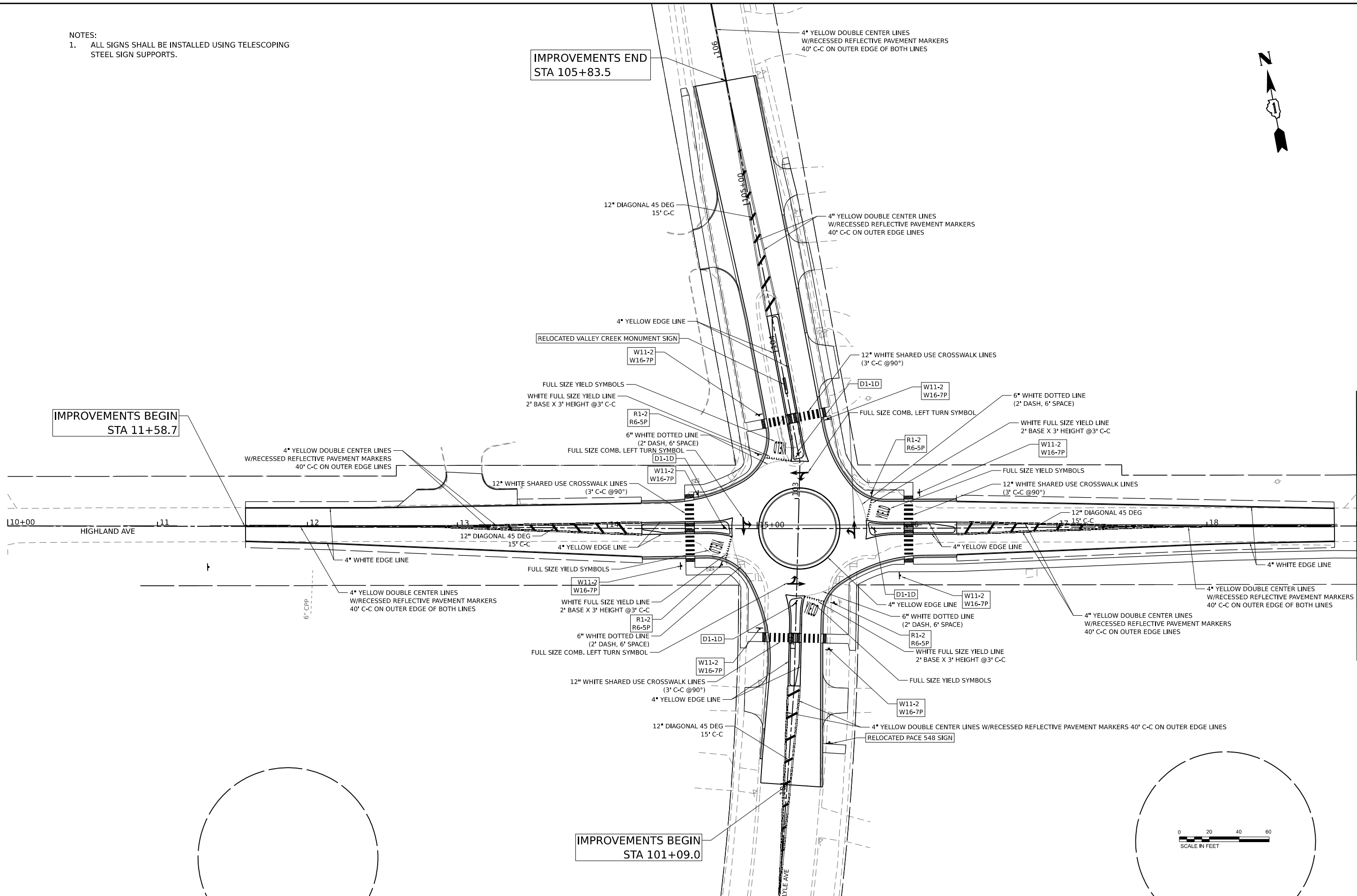


IMPROVEMENTS END
 STA 105+83.5

IMPROVEMENTS BEGIN
 STA 11+58.7

IMPROVEMENTS BEGIN
 STA 101+09.0

MATCHLINE STA. 19+00.00 SEE SHT. 44



MODEL: P:\CADD\Highland_2 - Plan 1 (Sheet)
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DRAWN	- KRN	REVISIONS	-	REVISIONS	-
PLOT SCALE	■ 0.16666667 "/in.	CHECKED	- KKS	REVISIONS	-
PLOT DATE	■ 2/10/2026	DATE	- 1/9/26	REVISIONS	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

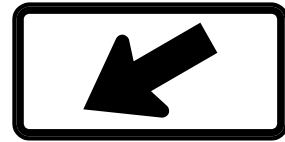
**HIGHLAND AVE AT LYLE AVE ROUNDABOUT
 PAVEMENT MARKING AND SIGNAGE PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

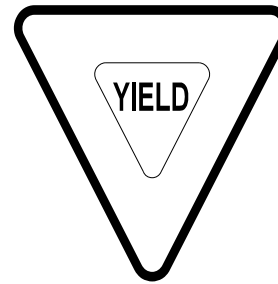
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				



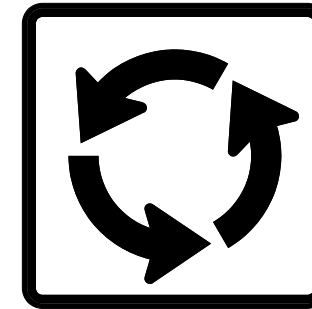
W11-2
30" X 30"



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



R1-2
36" X 36"



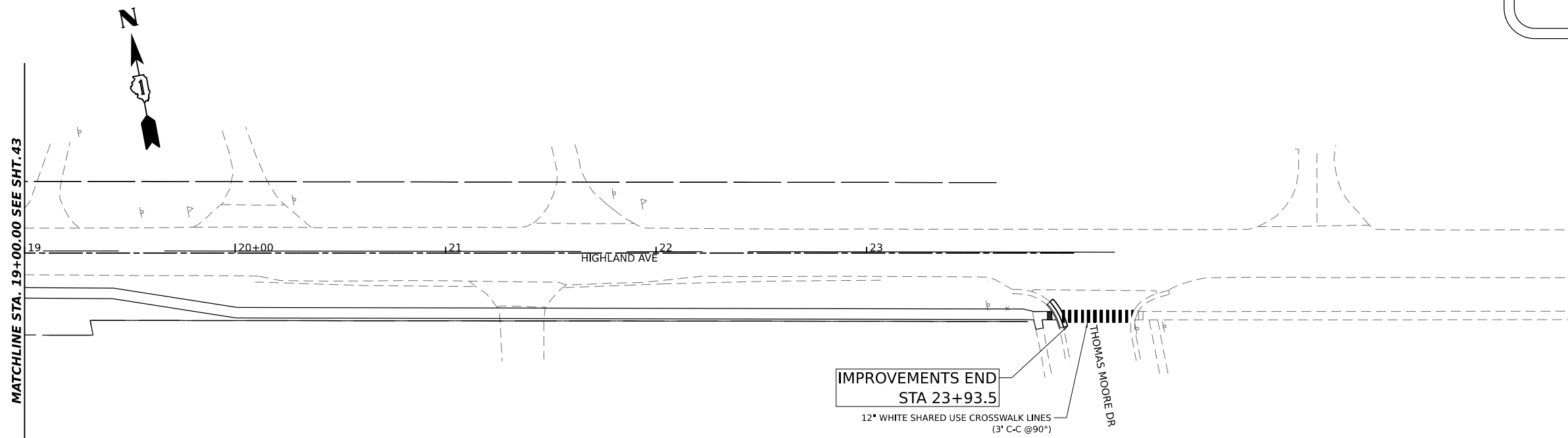
R6-5P
30" X 30"



D1-1D
18" X 60"



D1-1D
18" X 48"



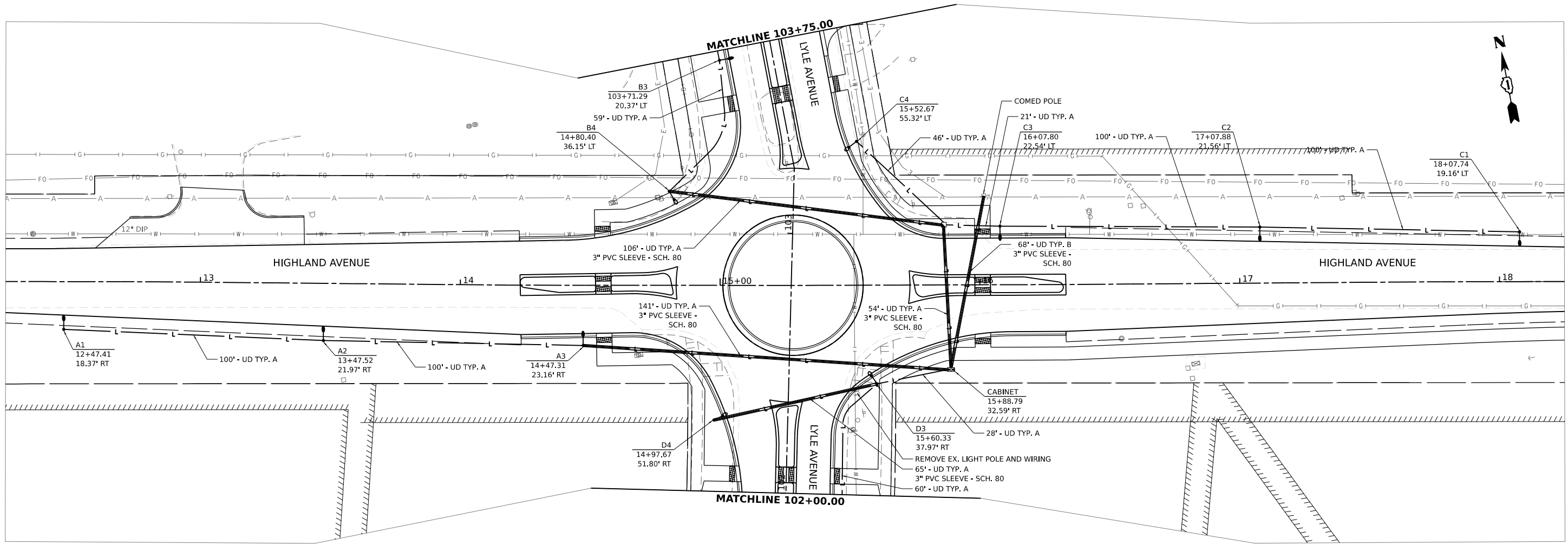
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DRAWN	- KRN	CHECKED	- KKS	REVISED	-
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PLOT DATE	■ 2/10/2026				

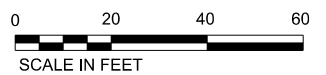
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	97	44
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M33	



LEGEND	
	LIGHT POLE, ALUMINUM, 25 FT. M.H., 6 FT. DAVIT ARM WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E AND HOUSE SIDE SHIELD
	LIGHT POLE, ALUMINUM, 25 FT. M.H., 6 FT. DAVIT ARM WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E
	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



MODEL: P:\C\Lighting\1516661.dwg
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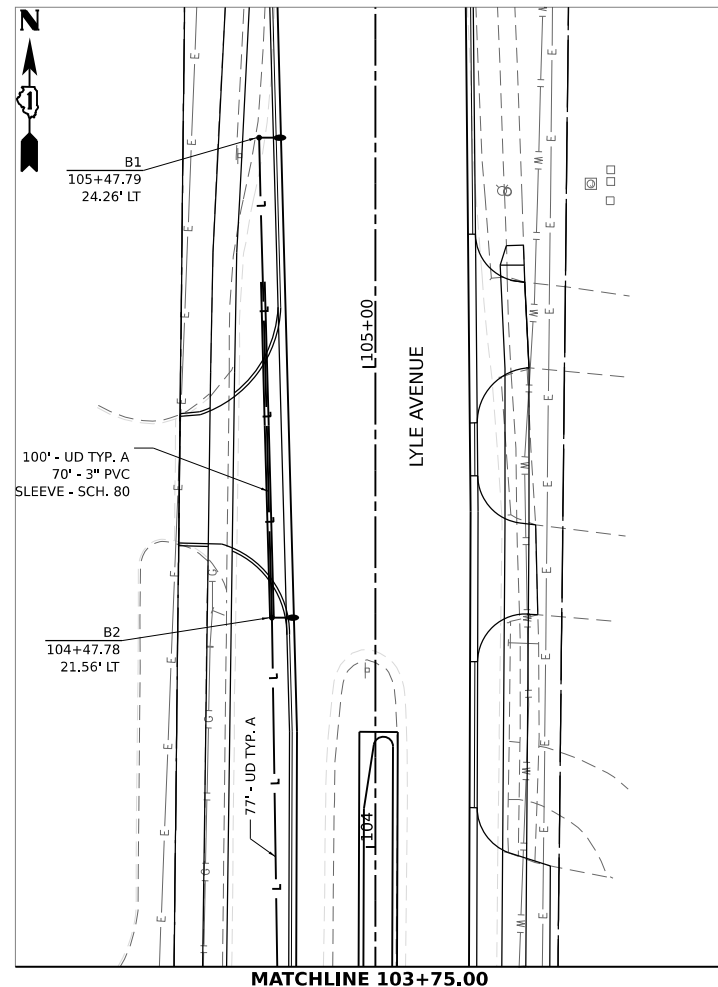
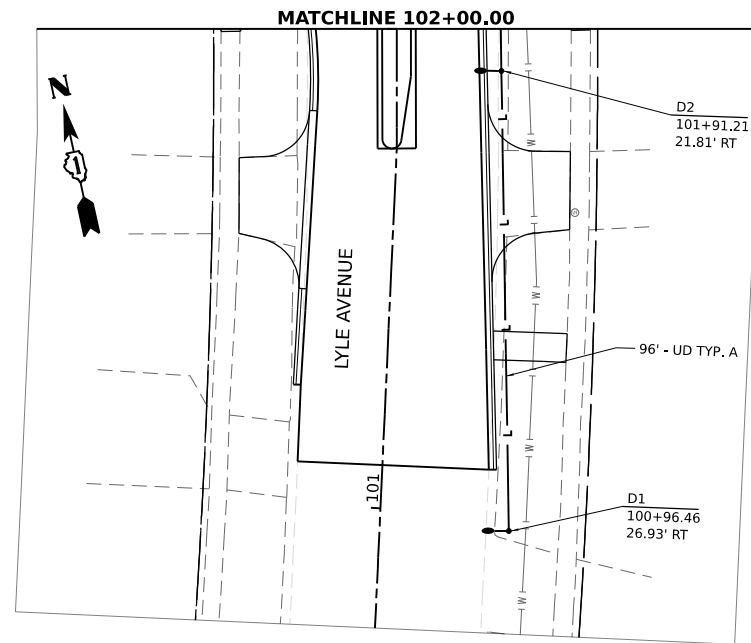
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DRAWN	- KRN	REVISIONS	-	DATE	-
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PLOT DATE	2/10/2026	DATE	1/9/26	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
STREET LIGHTING PLAN - HIGHLAND AVENUE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	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	LUMINAIRE 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	LUMINAIRE 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	LUMINAIRE 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	LUMINAIRE 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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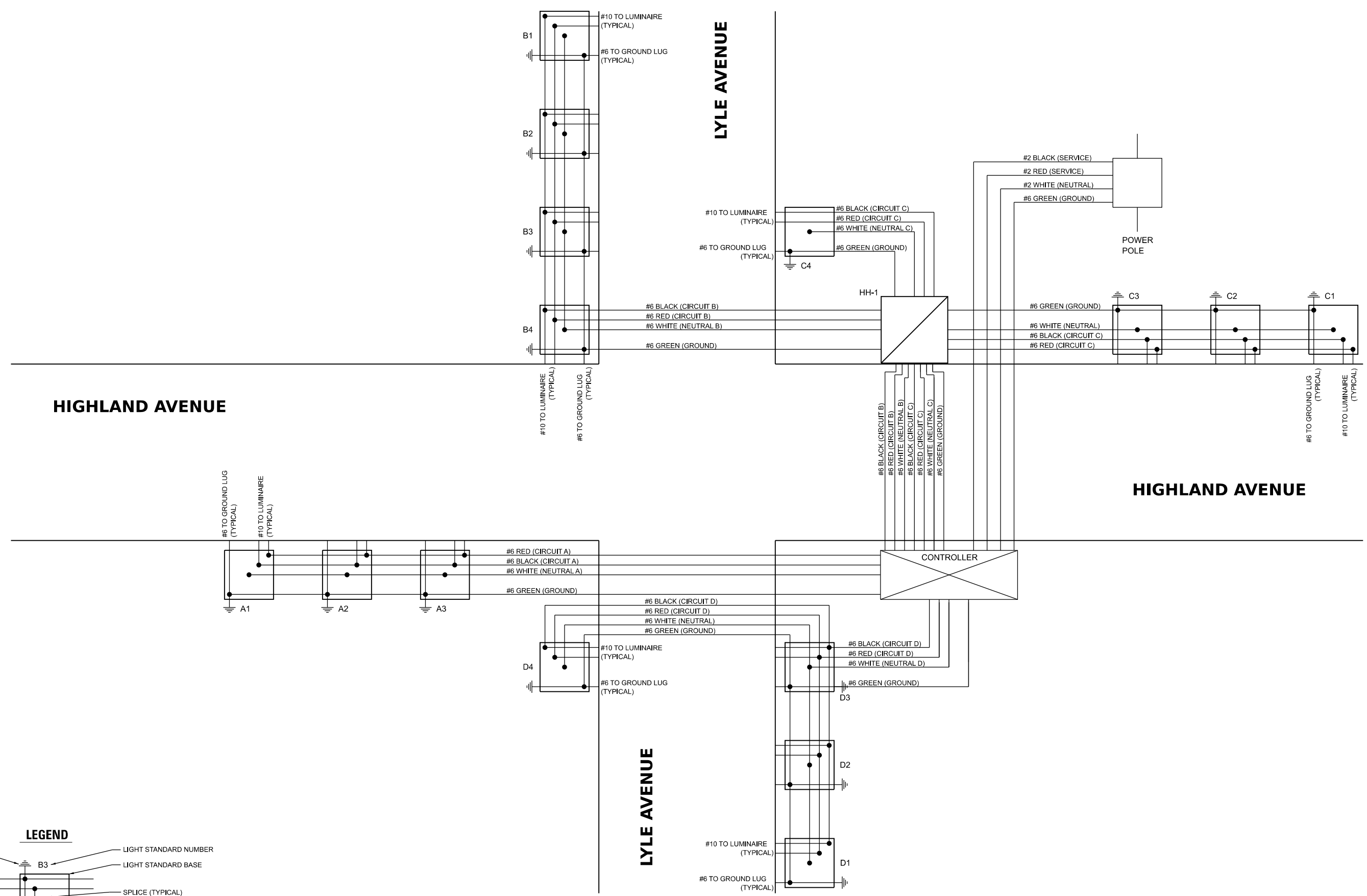
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DRAWN	- KRN	REVISIONS	-	REVISIONS	-
PLOT SCALE	■ 0.16666667 / in.	CHECKED	- KKS	REVISIONS	-
PLOT DATE	■ 2/10/2026	DATE	- 1/9/26	REVISIONS	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

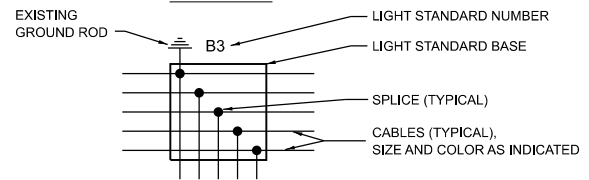
**HIGHLAND AVE AT LYLE AVE ROUNDABOUT
STREET LIGHTING PLAN - LYLE AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00209-00-CH	KANE	97	46
CONTRACT NO. 61M33				
ILLINOIS		FED. AID PROJECT		



LEGEND



MODEL: SCHEMATIC
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USER NAME	■ knelms	DESIGNED	- KRN	REVISED	-
DRAWN	- KRN	CHECKED	- KKS	REVISED	-
PLOT SCALE	■ 0.16666667 ' / in.	DATE	- 1/9/26	REVISED	-
PLOT DATE	■ 2/10/2026				

**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	97	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.L.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 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.

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 break 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 30" x 30" circular concrete consisting of 6-6 inch diameter steel shafts 60" or 84" in length steel helical foundation. The shaft section shall consist of 6-6 inch diameter steel shafts with 0.280" wall steel pipe conforming to ASTM A 53, A 252 or A 500. The length of the foundation may be 6' 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 end of the foundation shaft shall be a steel helical plate with a 3" pitch. To aid in starting the pile, a 4-1/4" diameter steel rod shall extend to the center of the hole 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 1/2" in thickness with four mounting slots 1 1/2" 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 shall 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 WDA-14 foot cast aluminum pole with a 5-inch fluted shaft. The base shall be 17" 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 Posilite LED-3 Series Model WA-E3 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 there is 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

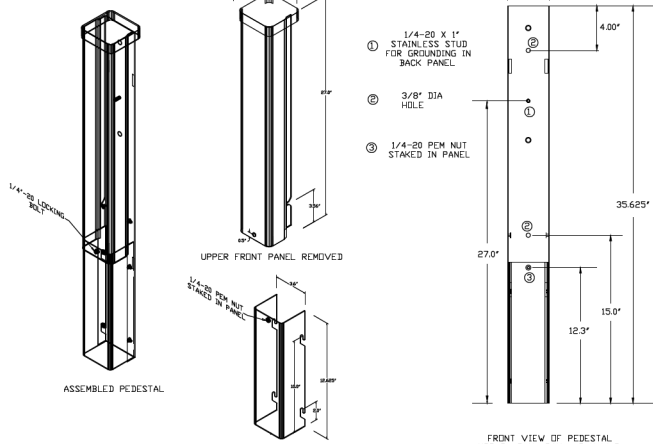
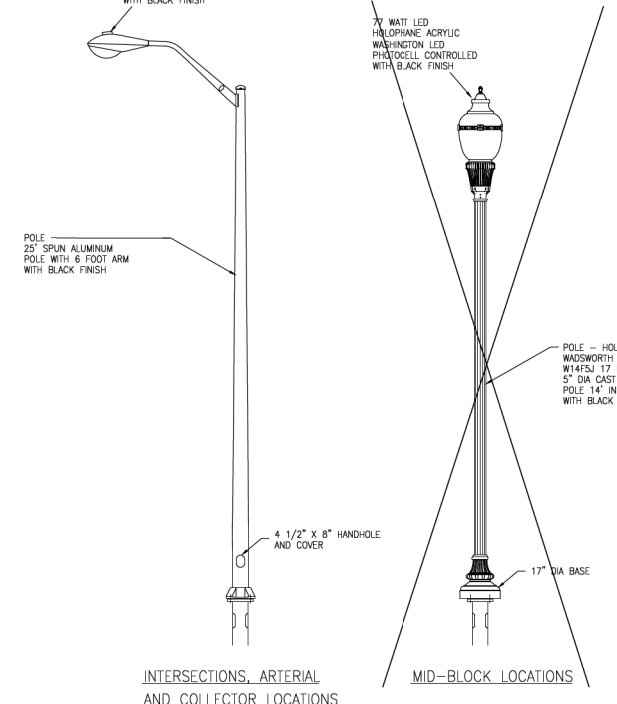
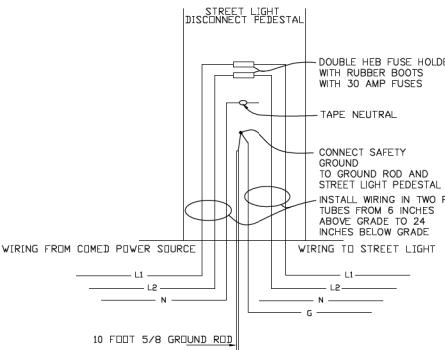
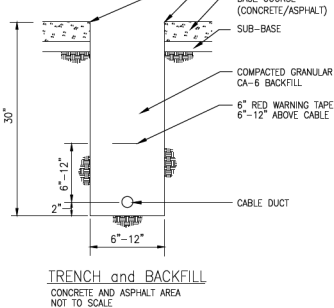
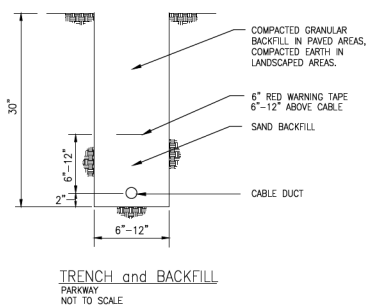
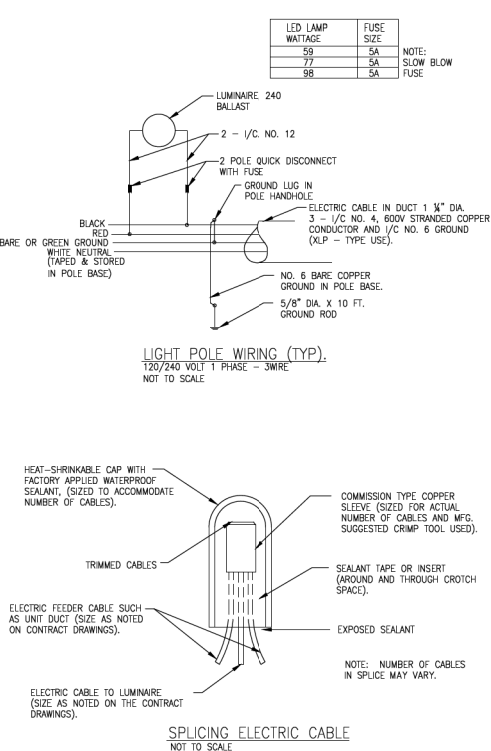
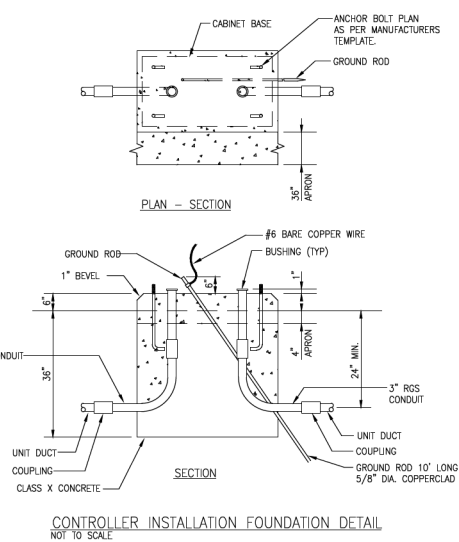
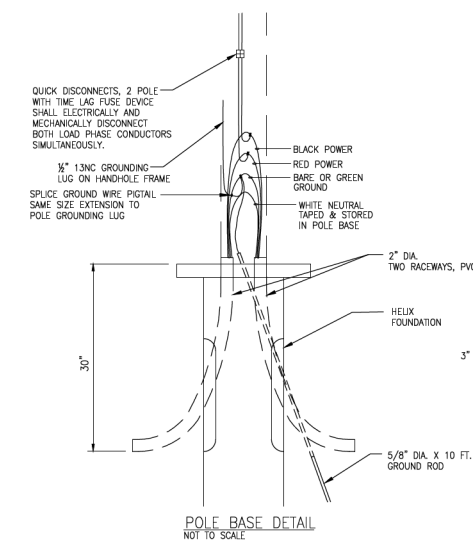
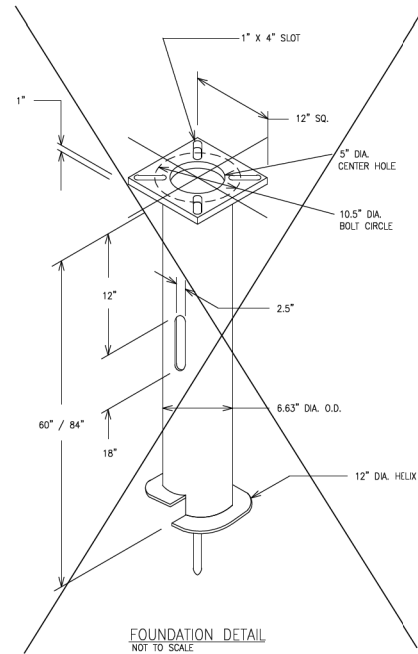
Street light pole: The street light pole shall be similar and equal to a Hapco Series RTA 25-foot spun aluminum pole with a 6-foot round tapered arm. The service handhole shall be located on the side of the pole opposite from the roadway. A ground lug shall be welded to the inside of the street light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

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.



MODEL: ELGIN DETAIL 5.1 FILE NAME: P202202106667/CA002_Dwg.dgn CADD: Streets2406667.rvt light.dwg

DRAWN BY: [] REVISIONS: [] DATE: []

RESIDENTIAL STREET LIGHT DETAIL SHEET

CITY OF ELGIN
1900 Holmes Road
Elgin, IL 60123
www.cityofelgin.org

ENGINEERING DEPARTMENT
Phone: 847-931-5955
Fax: 847-931-5965

ELGIN
THE CITY IN THE SUBURBS

PROJ. MGR.:
PROJ. ENG.:
DRAWN BY: M.F.R.
CHECKED BY:
DATE: 03-03-25
SCALE: N.T.S.
SHEET
1 OF 1

USER NAME = kneImS	DESIGNED - KRN	REVISED -
	DRAWN - KRN	REVISED -
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PLOT DATE = 2/10/2026	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	97	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.

Construction

Housing: Aluminum die cast enclosure casting integral heat sink for maximum heat transfer
Lens: Impact resistant tempered glass
Paint: (RAL & custom colors available)
Weight: 12.4 lb (5.6 kg)

Optical System

Lumens: 2904 - 15,700
Distribution: Type II, III, IV, and Type II Enhanced Backlight
Efficacy (LPW): up to 153
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: < 2% at rated watts

Surge Protection*

Table with columns STANDARD and OPTIONAL for surge protection options like 10kV/5kA.



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Page 1 of 10

Rev: 08/07/25

OLP2348_ERL1_0en7_R04

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

Ordering information table with columns PROD. ID, VOLTAGE, LUMEN CODE, DISTRIBUTION, CCT, RECEPTACLE, COLOR, and OPTIONS.

- 1. Nominal IES Type classing subject to typical variation...
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 Dall (U4) selected.

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 7,000-8,000 lumens to replace 150W HPS Cobra-head

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Page 2 of 10

Rev: 08/07/25

OLP2348_ERL1_0en7_R04

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

Large table with columns LUMEN CODE, DISTRIBUTION, TYPICAL INITIAL LUMENS, TYPICAL WATTAGE, LPW, and BUS RATINGS.

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

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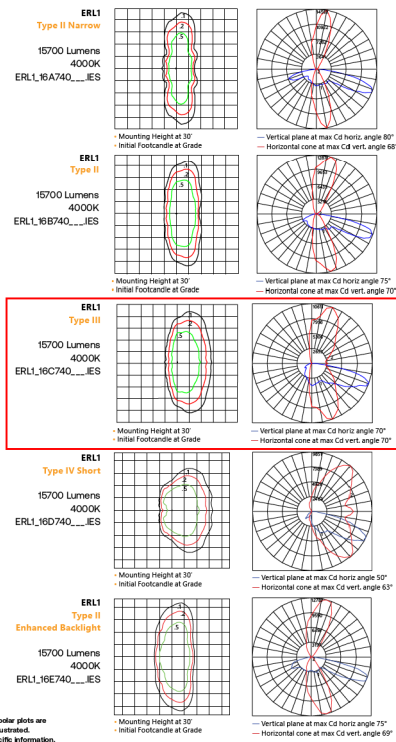
Rev: 08/07/25

OLP2348_ERL1_0en7_R04

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



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Page 7 of 10

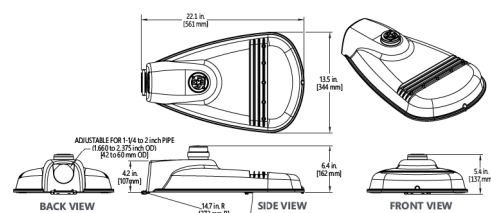
Rev: 08/07/25

OLP2348_ERL1_0en7_R04

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

Table with columns SAP Number, Part Number, and Description for accessories like PED-MV-LED-7, PED-347-LED-7, etc.

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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Rev: 08/07/25

OLP2348_ERL1_0en7_R04

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

Shield Guide section including House Side Shields, Street Side Shields, Side Shields (L&R), and Network Lighting Controls diagrams and product codes.

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Page 10 of 10

Rev: 08/07/25

OLP2348_ERL1_0en7_R04

Table with columns USER NAME, DESIGNED, DRAWN, PLOT SCALE, PLOT DATE.

Table with columns DESIGNED, CHECKED, DATE.

Table with columns REVISED, REVISION.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT
STREET LIGHTING SCHEMATIC

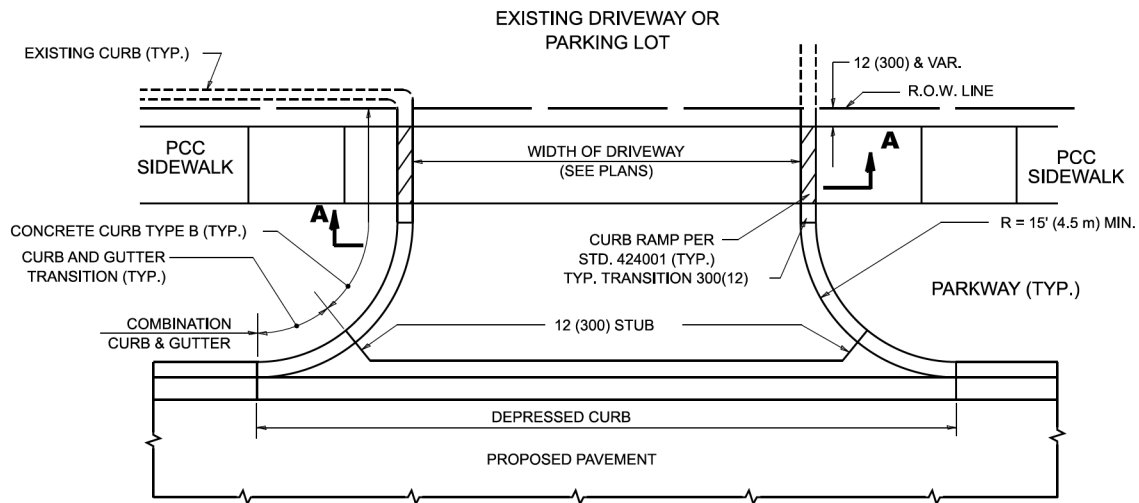
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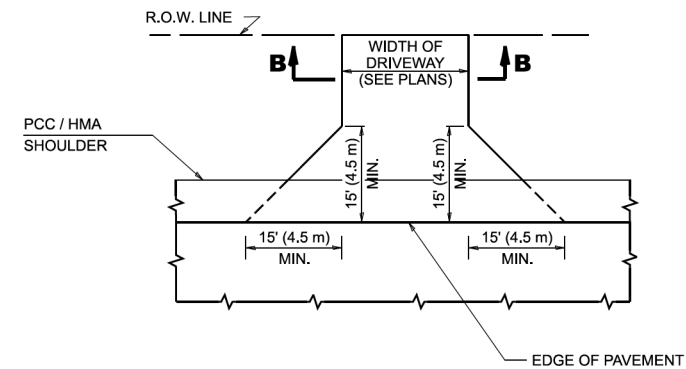
DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	504
HANDHOLE	EACH	1
UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	1550
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.6 GROUND, (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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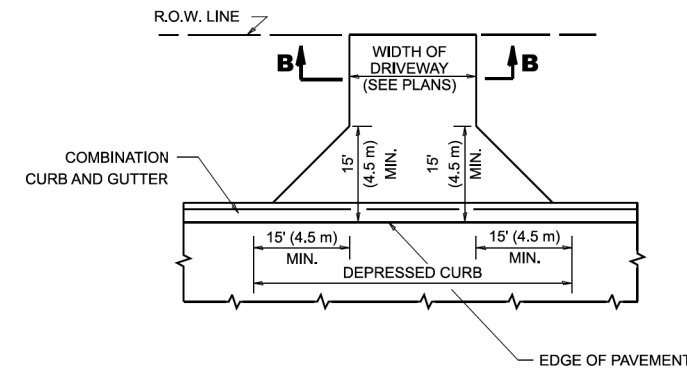
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PLOT DATE = 2/10/2026	DATE - 1/9/26	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			



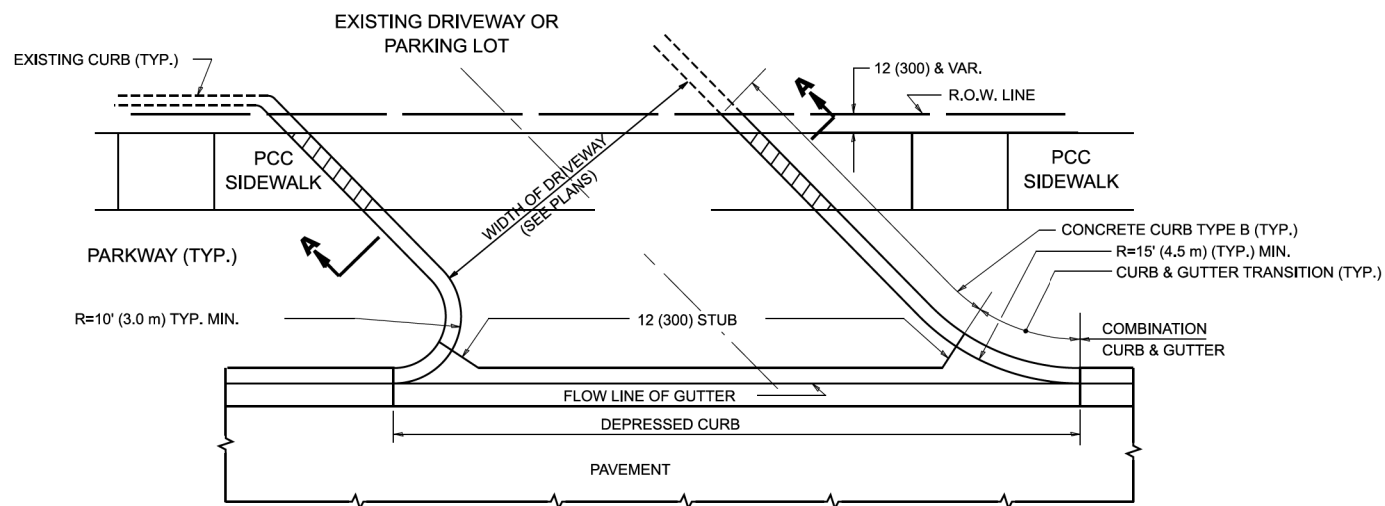
WITH CONCRETE CURB, TYPE B



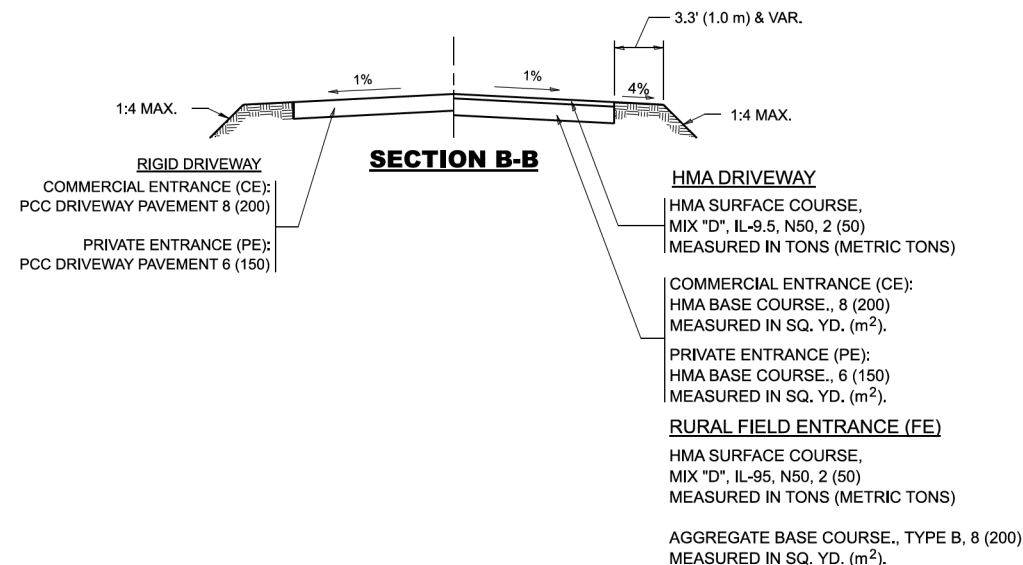
ADJACENT TO PCC / HMA SHOULDER



ADJACENT TO CURB AND GUTTER

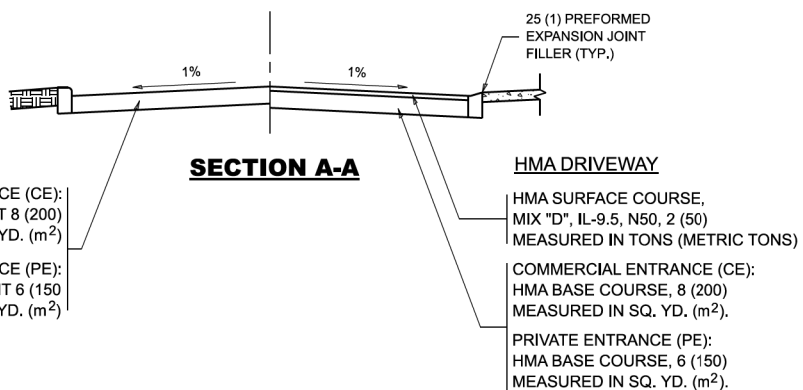


WITH CONCRETE CURB, TYPE B



GENERAL NOTES

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



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

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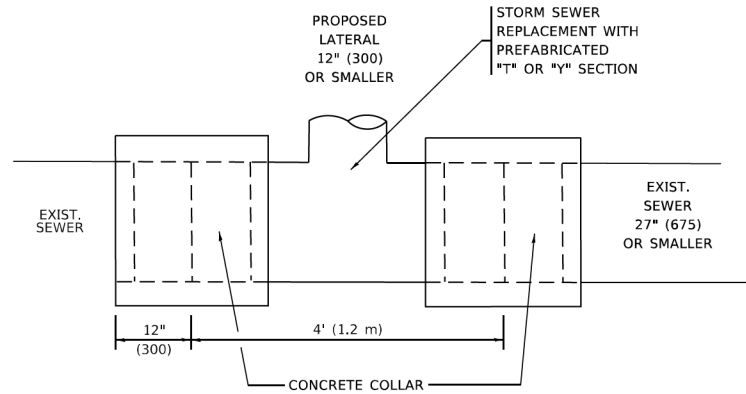
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PLOT DATE = 8/30/2023	DATE - 11-04-95	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

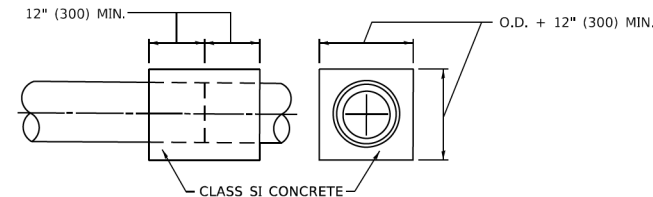
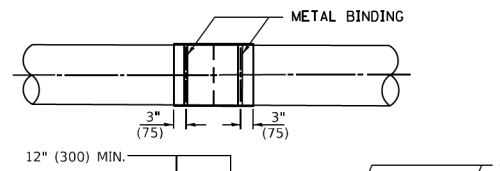
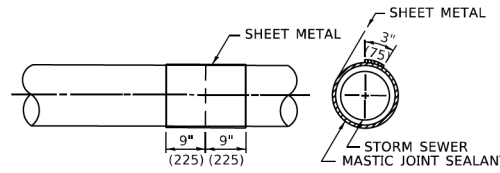
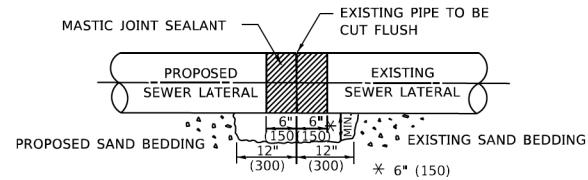
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD400-01 (BD-01)			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



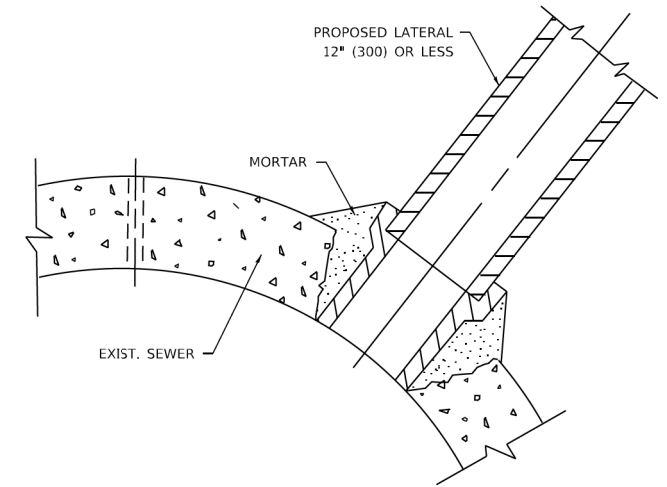
DETAIL "A"

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



DETAIL "B"

CLASS SI CONCRETE COLLAR



DETAIL "C"

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

CONSTRUCTION SEQUENCE

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

NOTES:

MATERIAL

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

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

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

GENERAL

- CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
- CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

- TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
- REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
- TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
- CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

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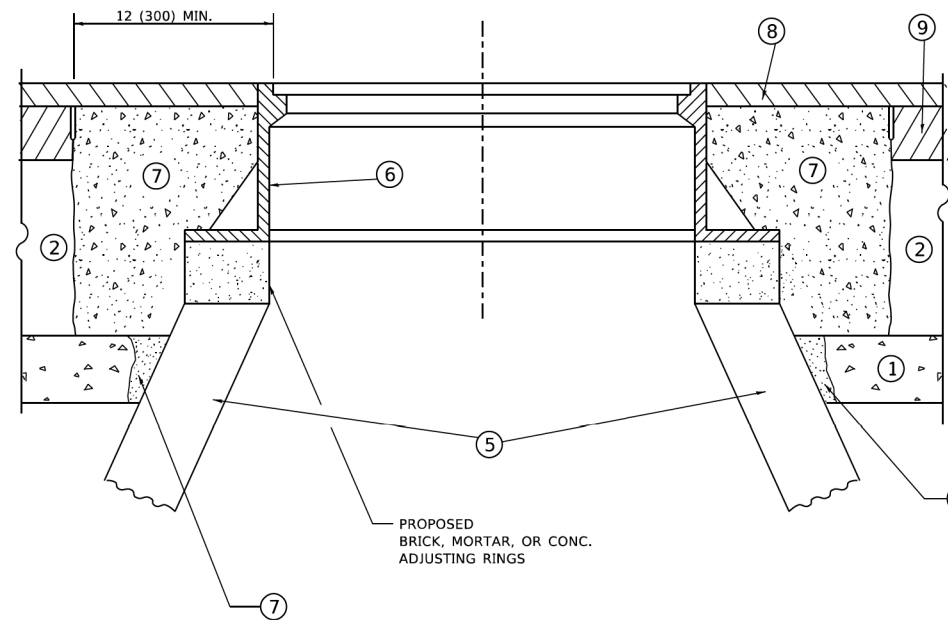
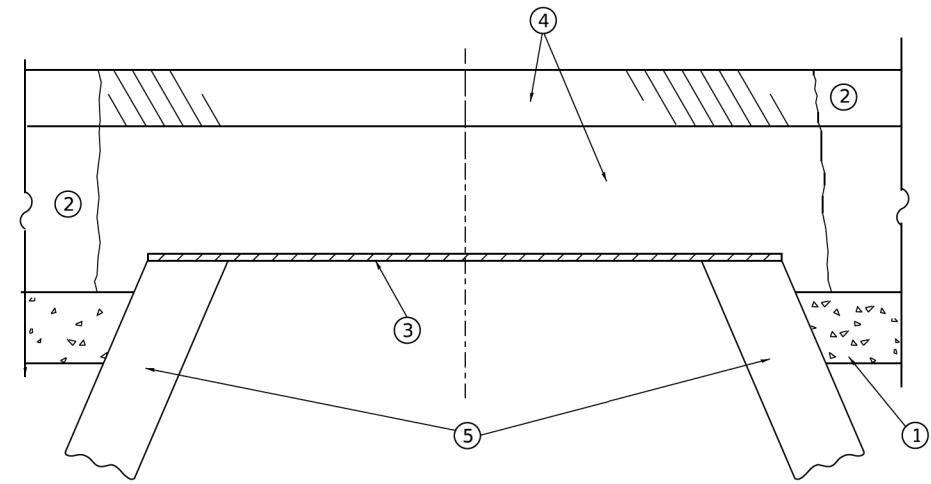
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PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			97	52
BD500-01 (BD-07)			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



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

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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.

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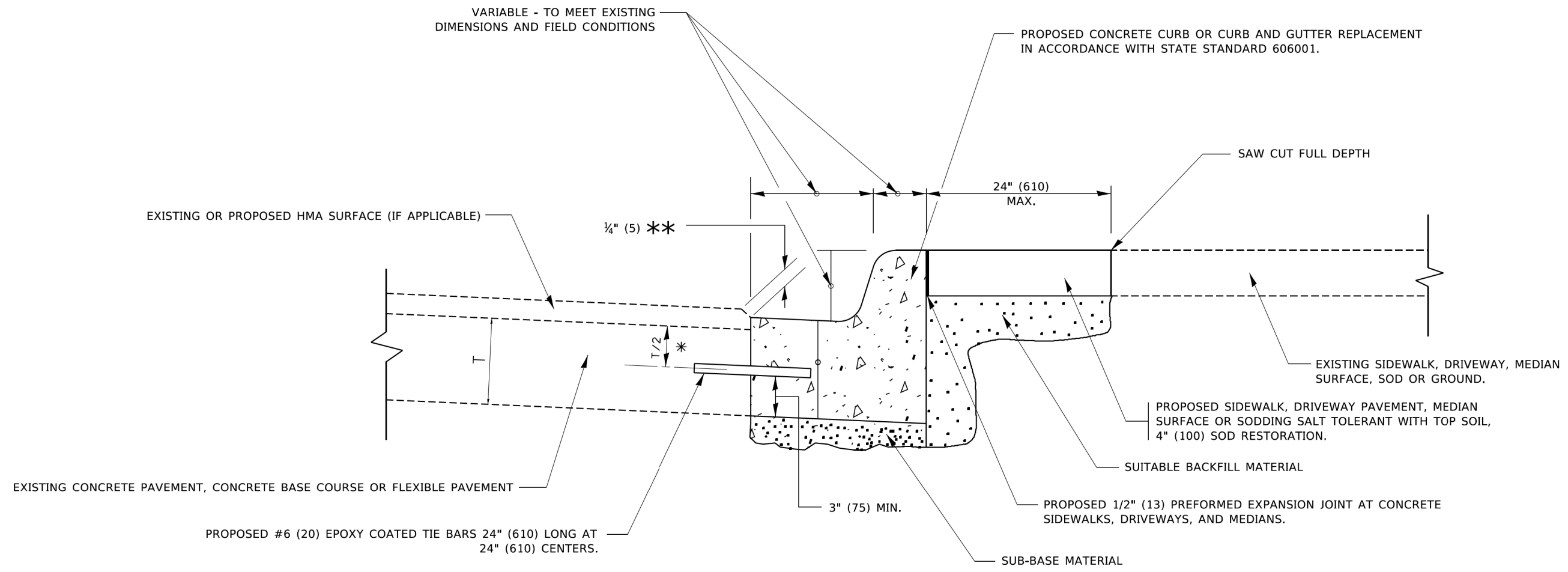
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PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 11-18-22
		REVISED - K. SMITH 09-15-23

**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.
			97	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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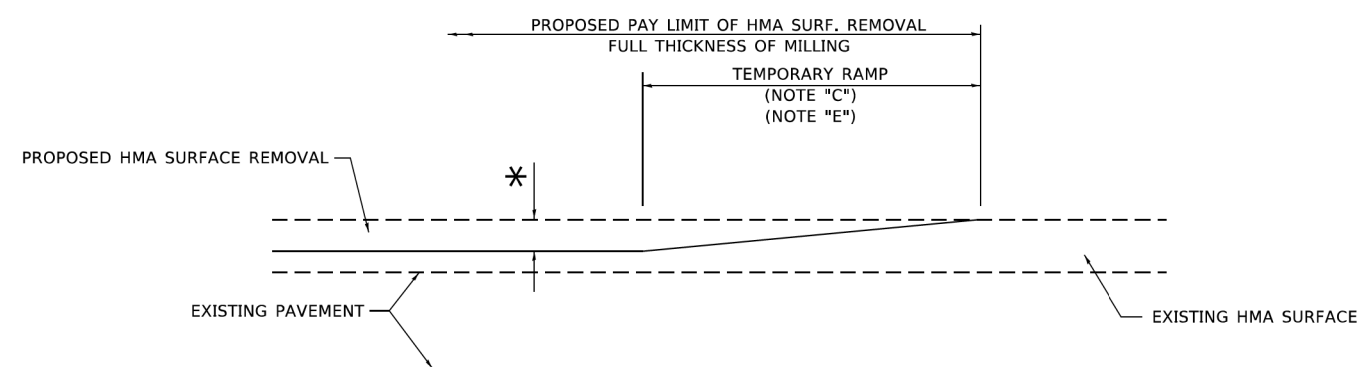
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PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT**

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

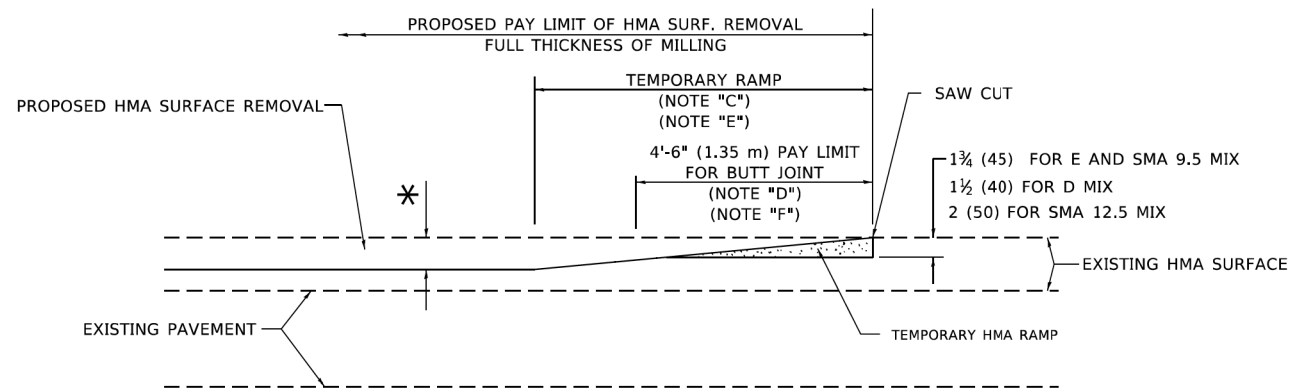
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			97	54
BD600-06 (BD-24)		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

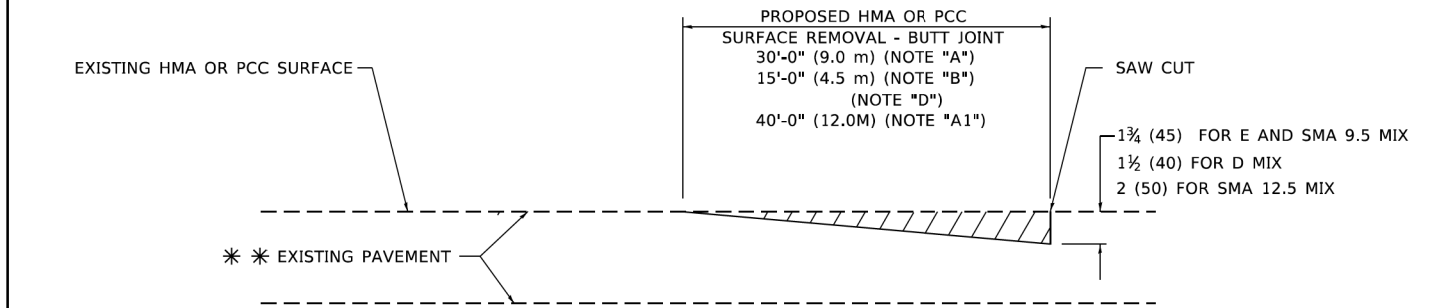


HMA CONSTRUCTED TEMPORARY RAMP

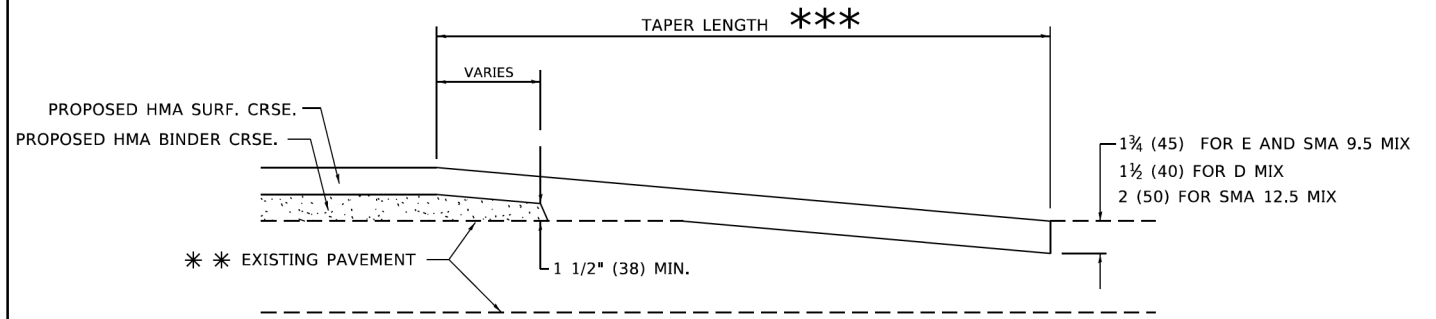
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

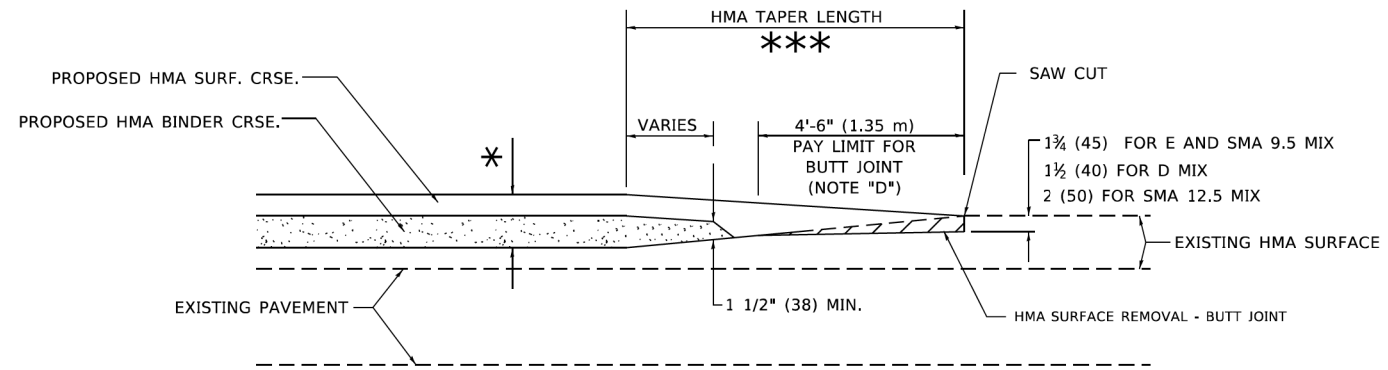
** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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

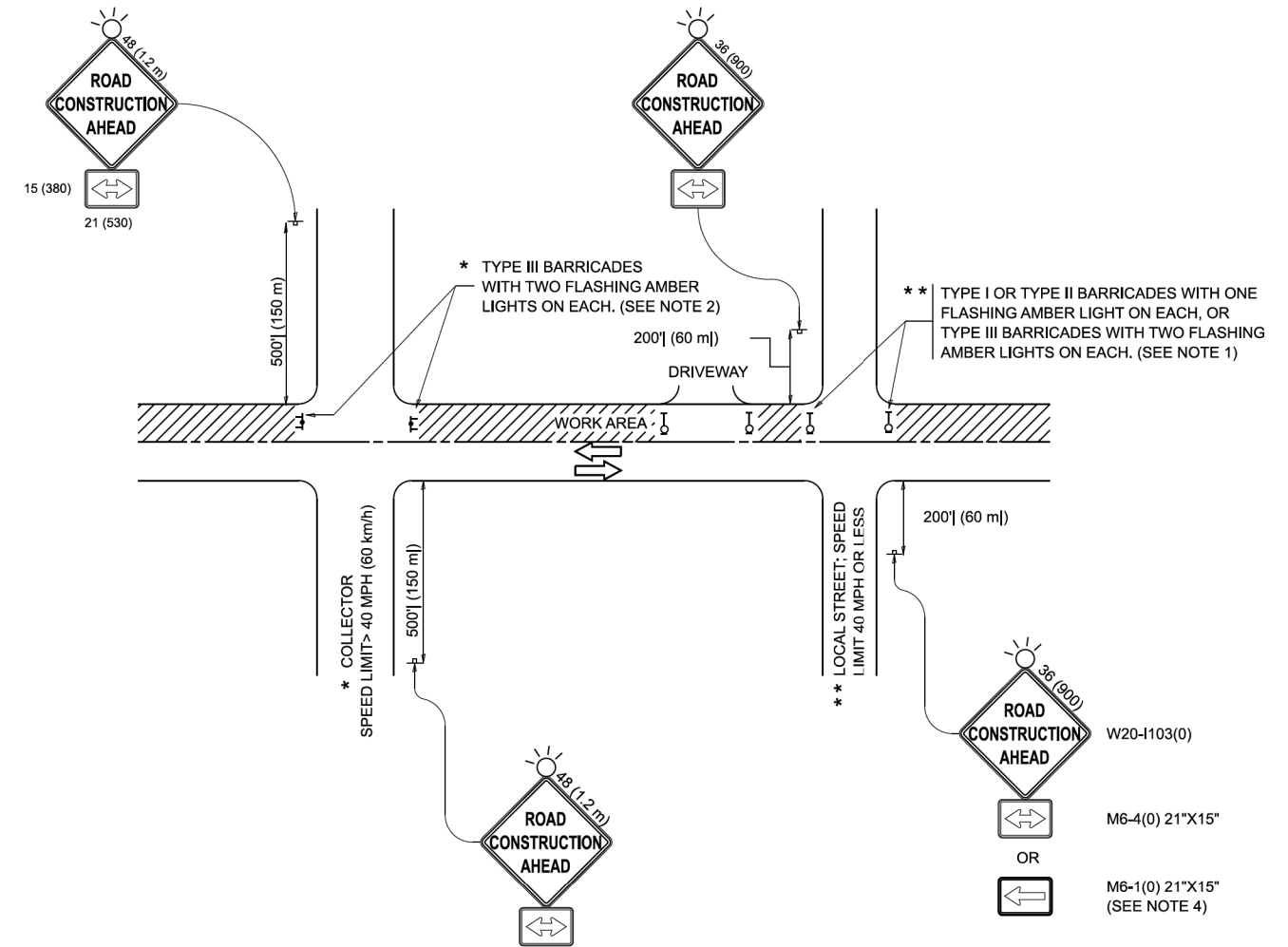
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	DRAWN -	REVISED - M. GOMEZ 04-06-01
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PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			97	55
BD400-05 BD-32			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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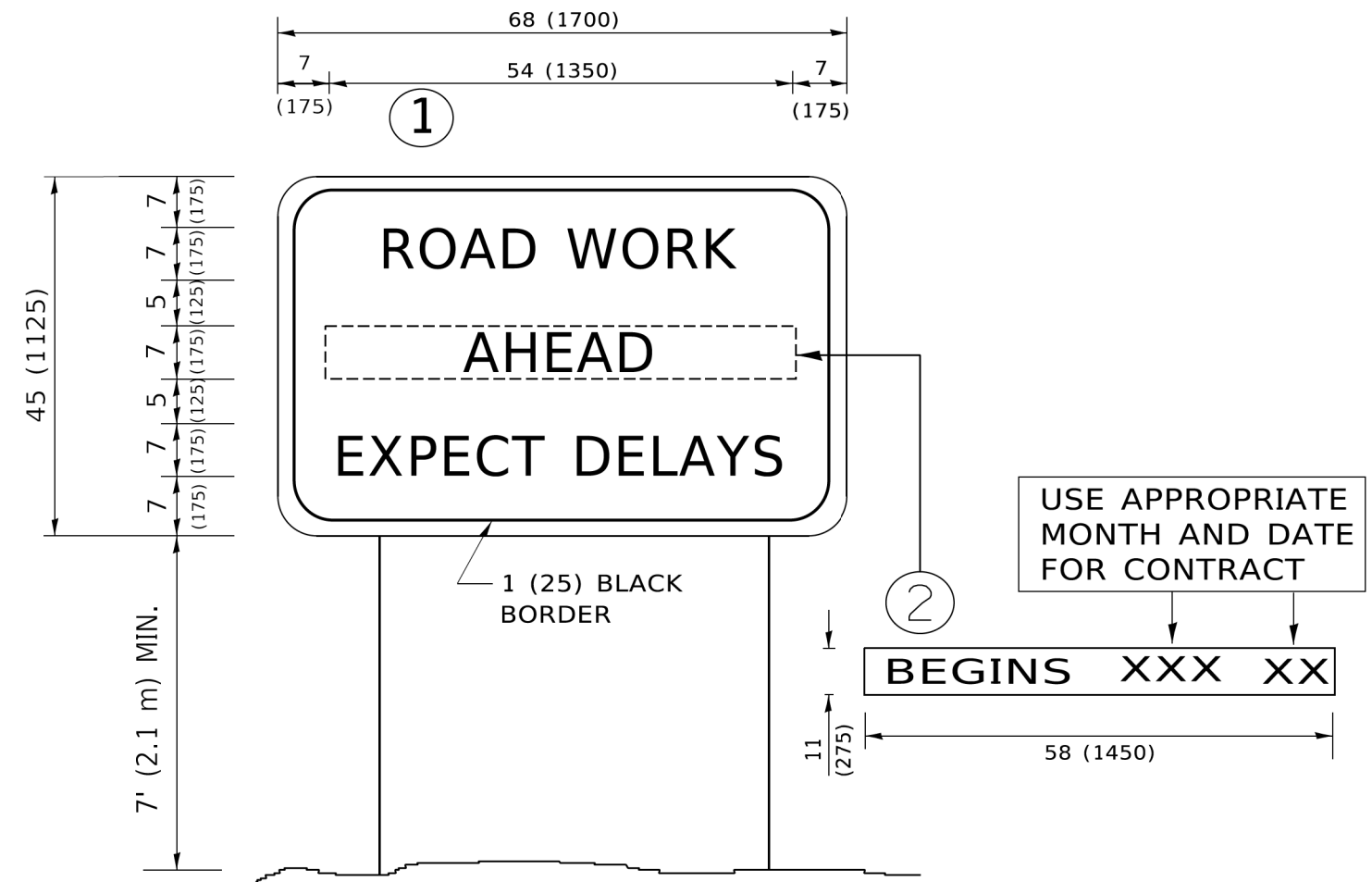
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			97	56
TC-10			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT 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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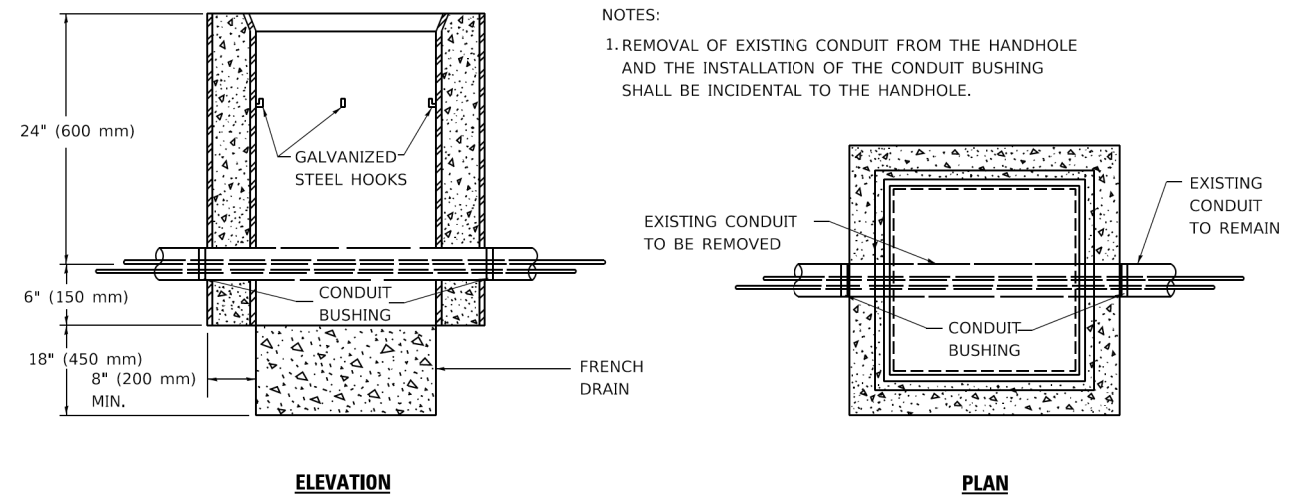
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			97	58
TC-22			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



NOTES:

1. REMOVAL OF EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHING SHALL BE INCIDENTAL TO THE HANDHOLE.

DETAIL

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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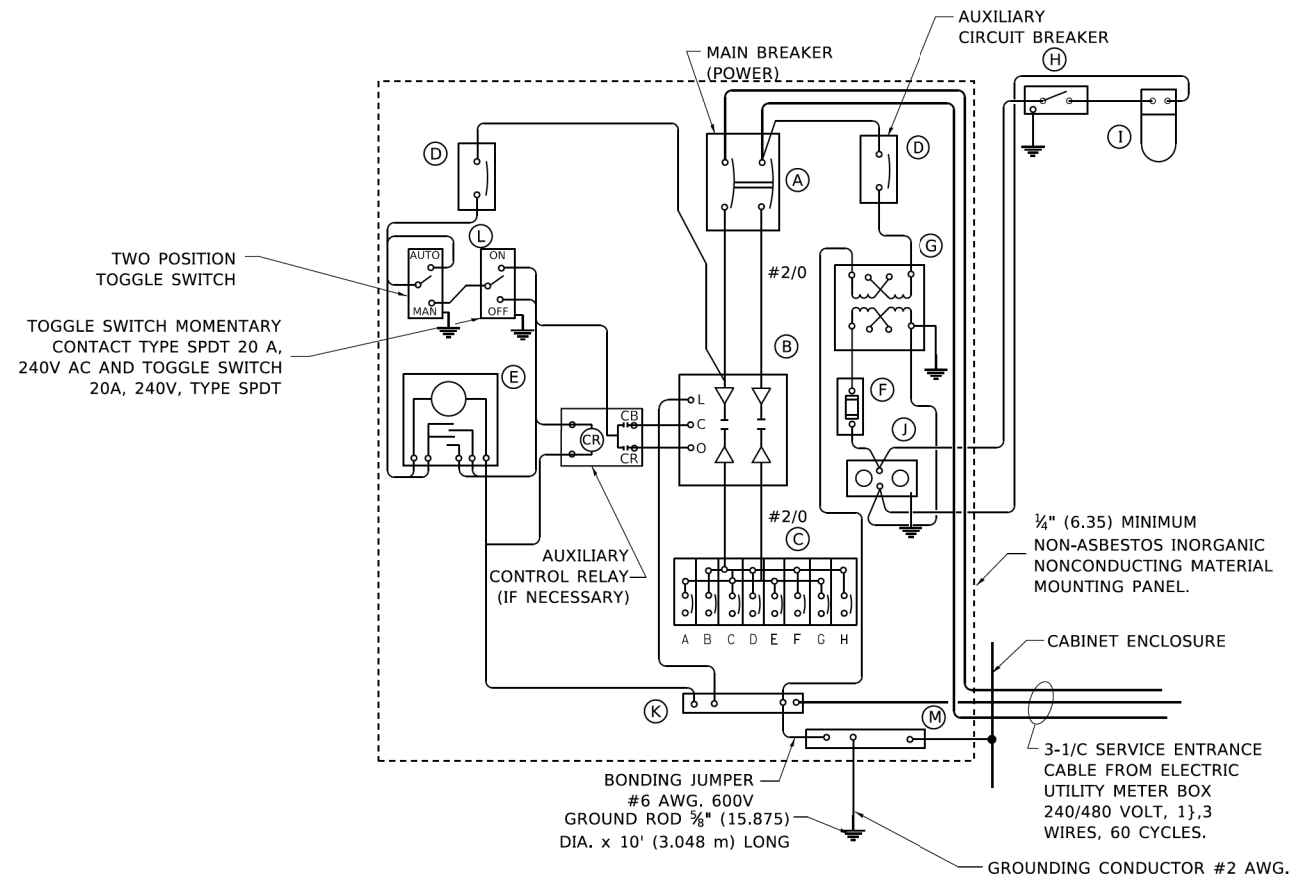
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HANDHOLE TO INTERCEPT EXISTING CONDUIT

SCALE: SHEET OF SHEETS STA. TO STA.

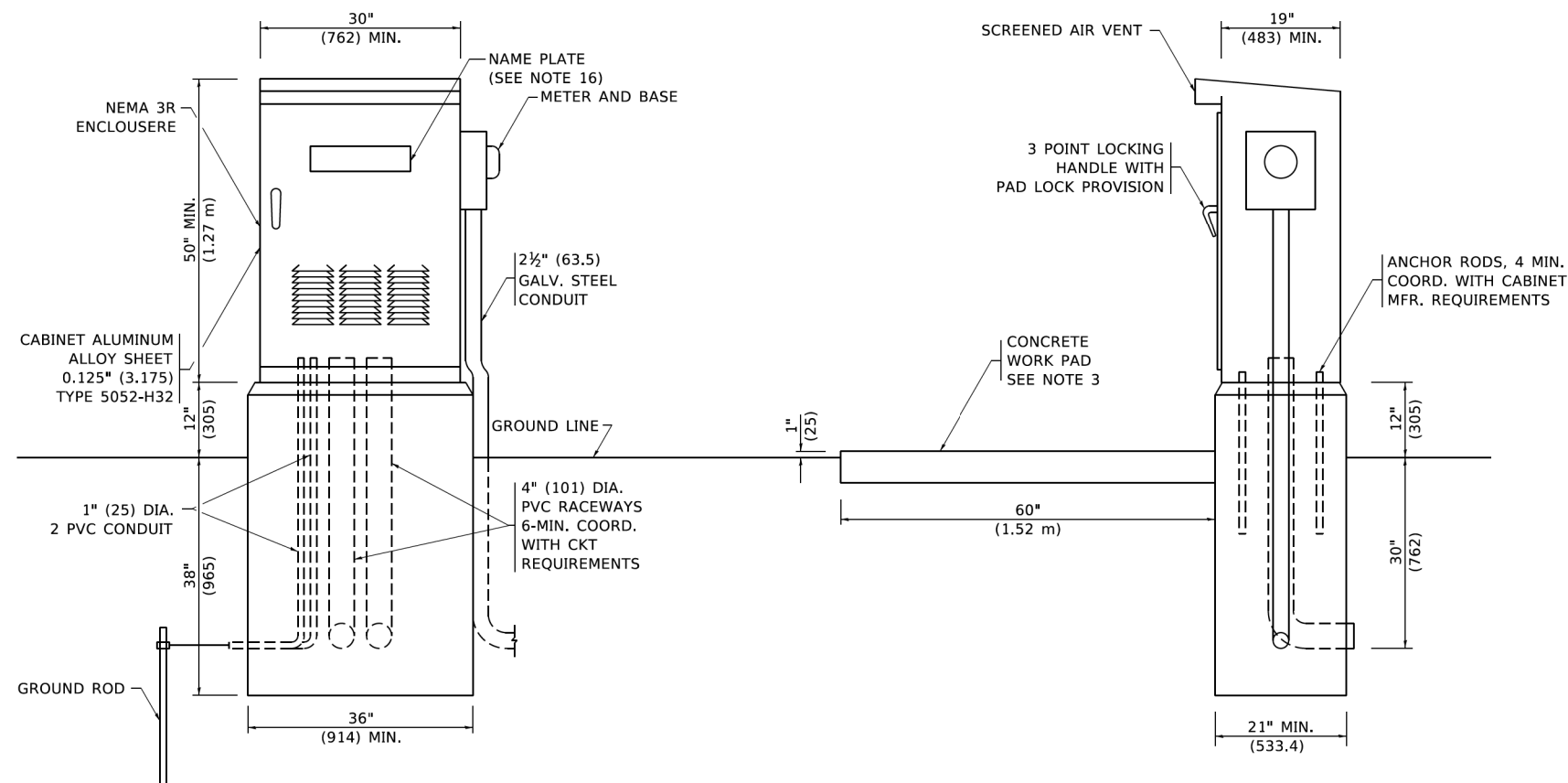
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			97	59
TS-03			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



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.



NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) X 60" (1828.8 mm) X 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1#4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
R = RED BL = BLUE = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "STATE OF ILLINOIS LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.

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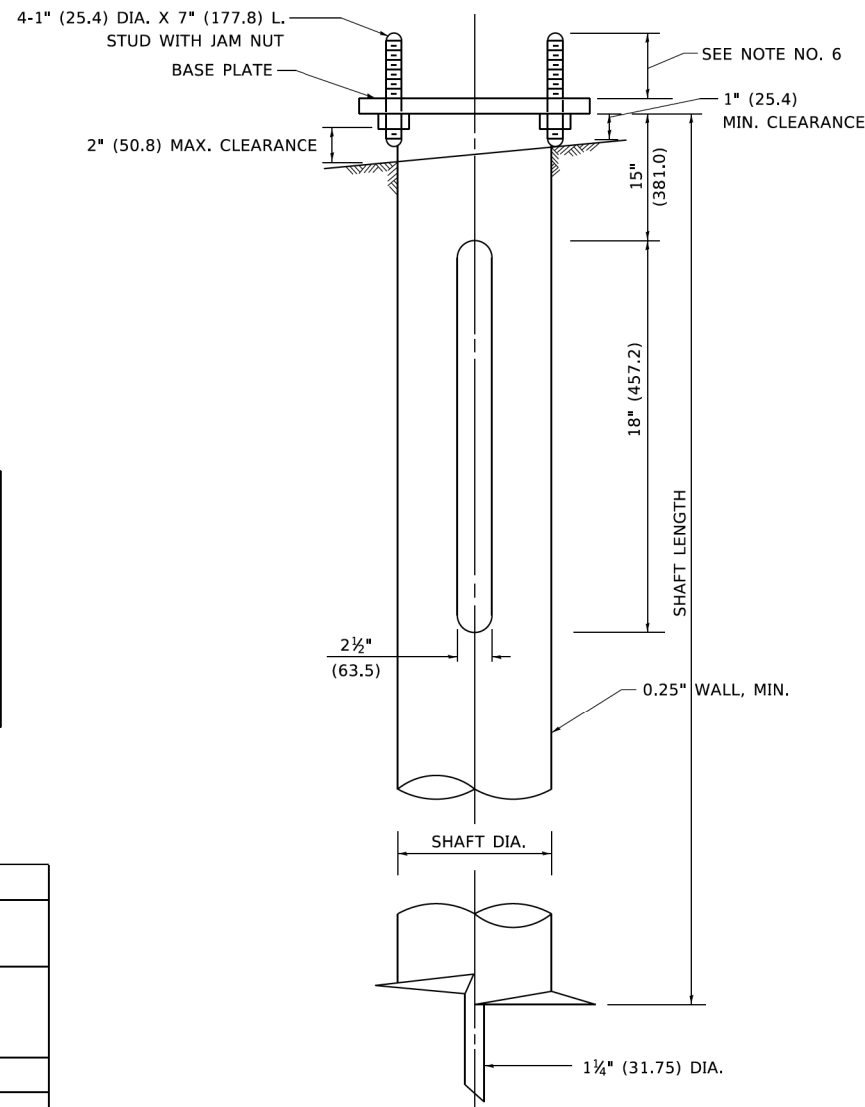
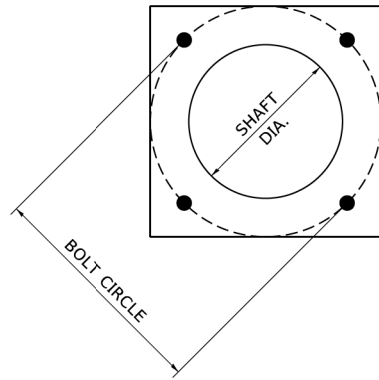
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING CONTROLLER
SINGLE DOOR**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			97	60
BE-215			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



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 FOUNDATION 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 ($\pm 1^\circ$) 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 ($\pm 2^\circ$).
12. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.

HELIX FOUNDATION SIZE

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11 1/2"	8 5/8"	6 FT.	12"x12"x1"
31 FT.-35 FT.	11 1/2"	8 5/8"	6 FT.	12"x12"x1"
36 FT.-40FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
41 FT.-45 FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1 1/4"

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)

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHT POLE FOUNDATION, METAL

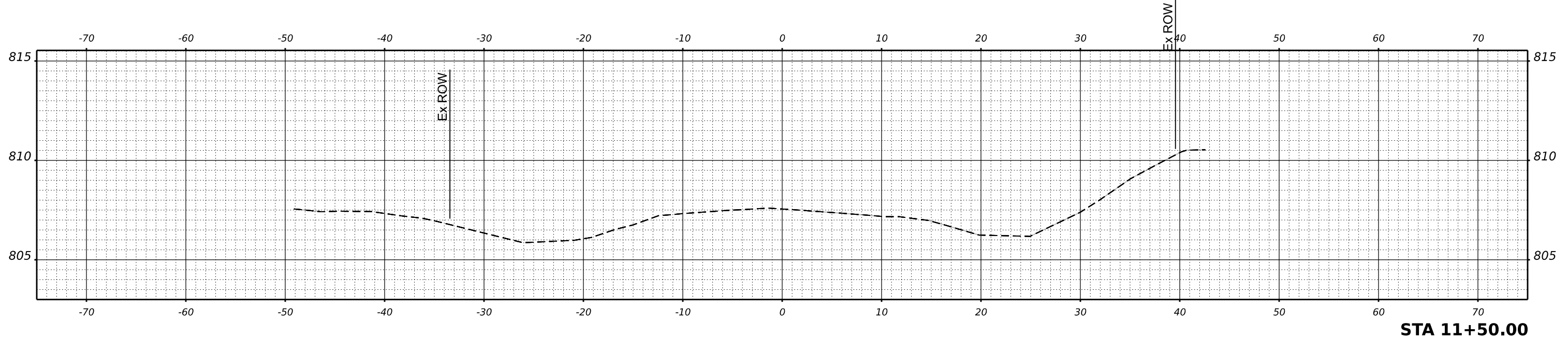
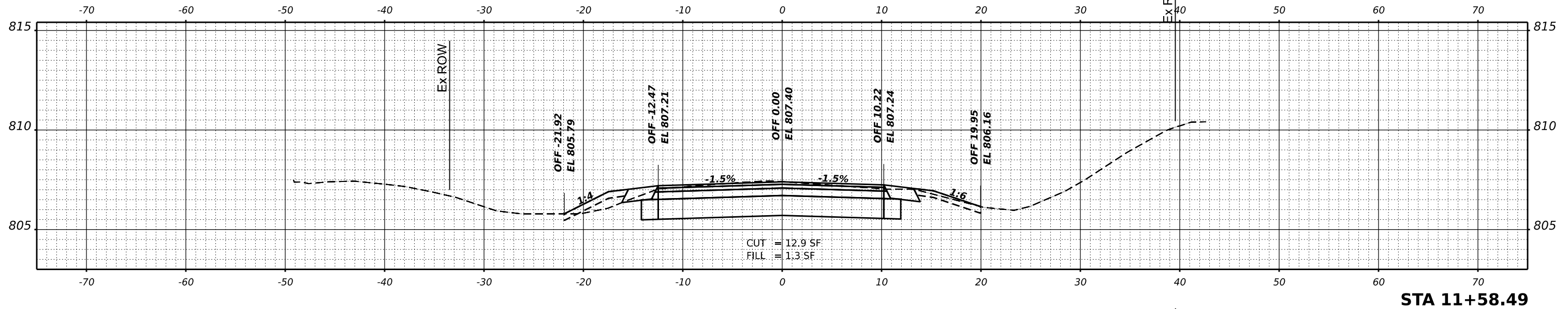
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			97	61
BE-305		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
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	AREAS		
	CHECKED		

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

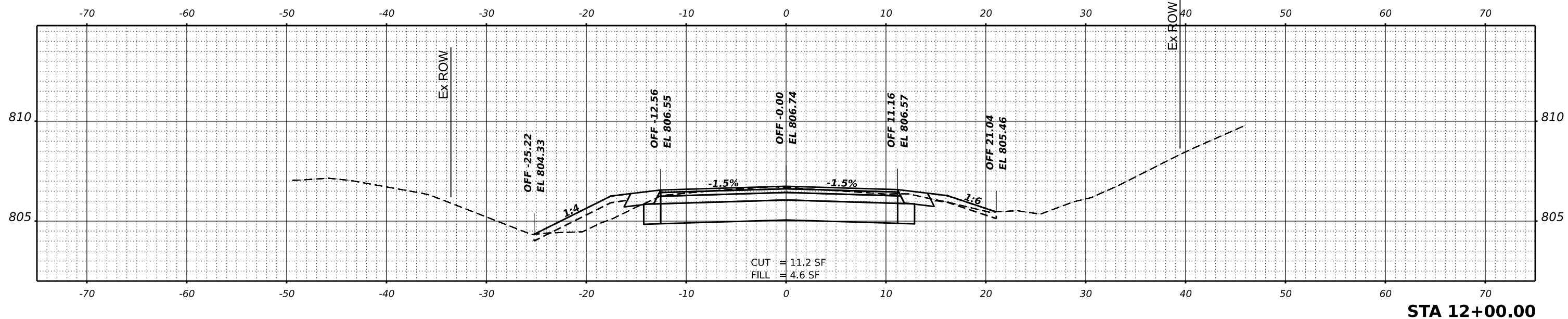
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CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

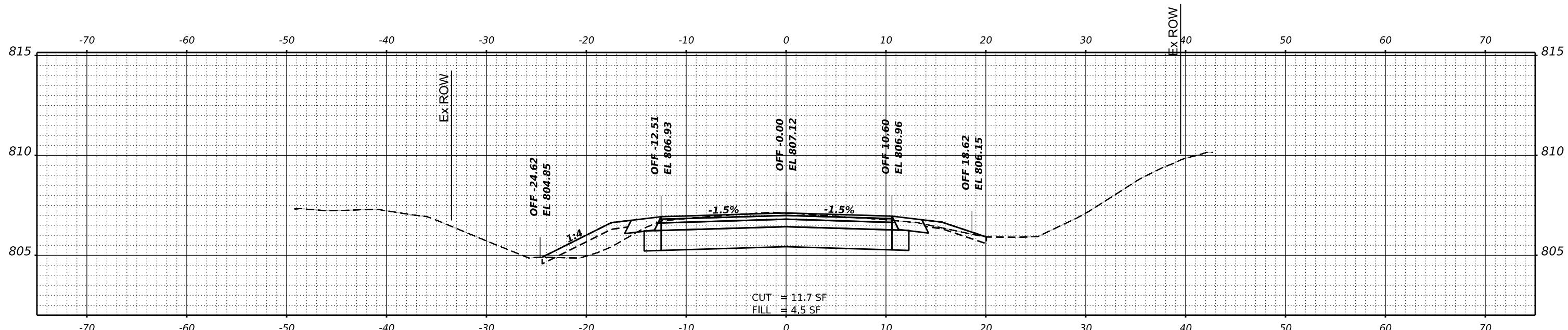
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NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

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

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STA 12+00.00



STA 11+75.00

USER NAME = kneims	DESIGNED - KRN	REVISED -
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PLOT DATE = 2/10/2026	CHECKED - KKS	REVISED -
	DATE - 1/9/26	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

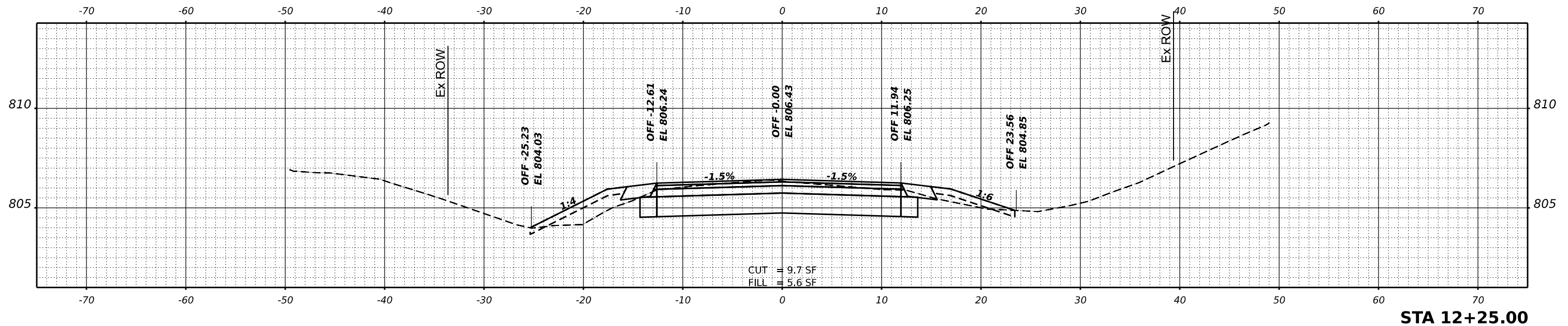
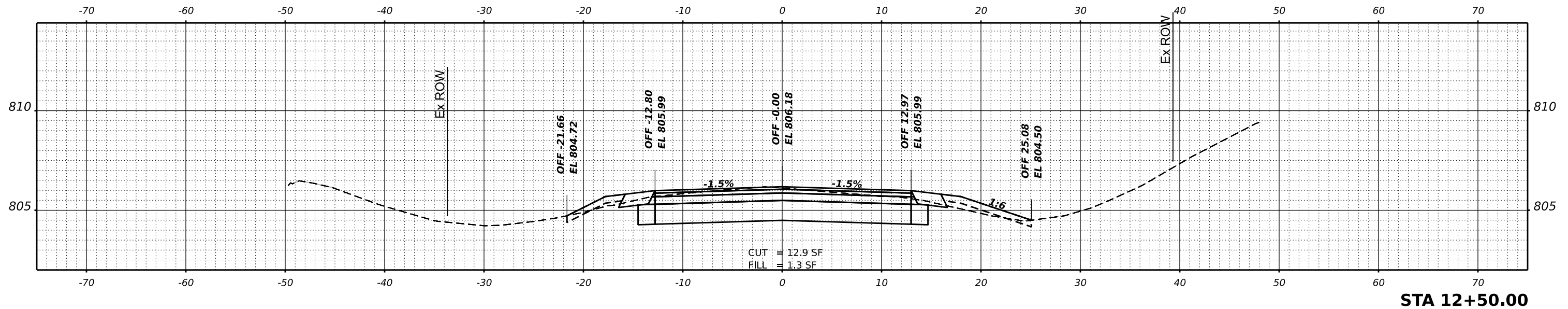
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	63
CONTRACT NO. 61M33				
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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USER NAME =	kneims	DESIGNED -	KRN	REVISED -	
		DRAWN -	KRN	REVISED -	
PLOT SCALE =	0.16666633' / in.	CHECKED -	KKS	REVISED -	
PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

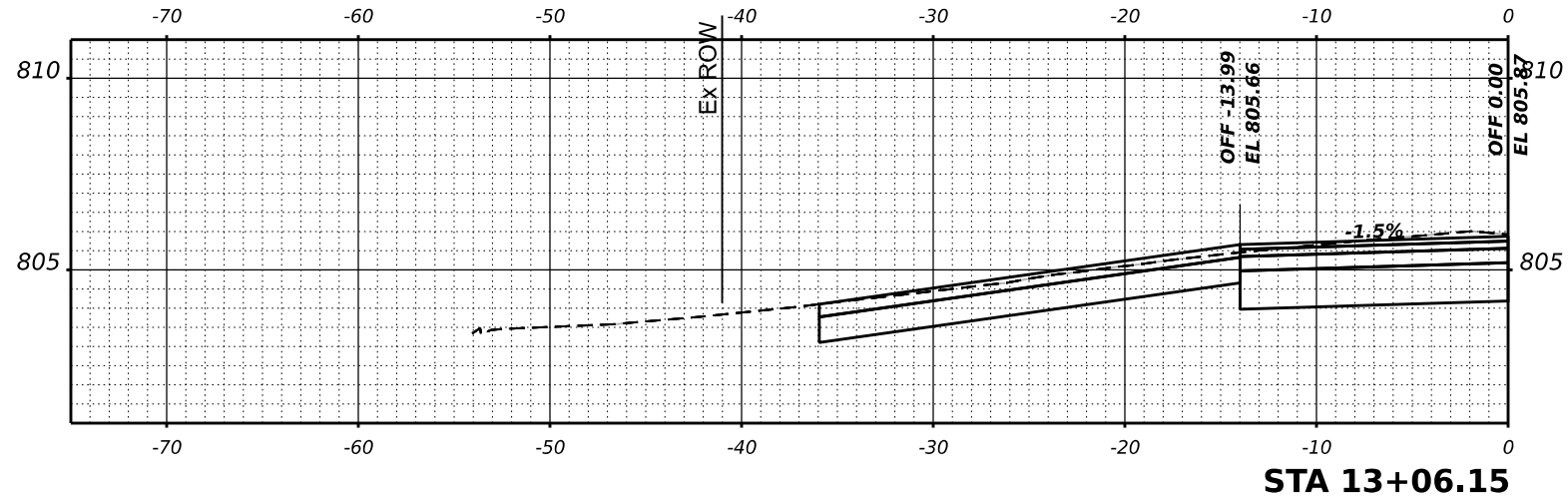
SCALE: SHEET OF SHEETS STA.

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

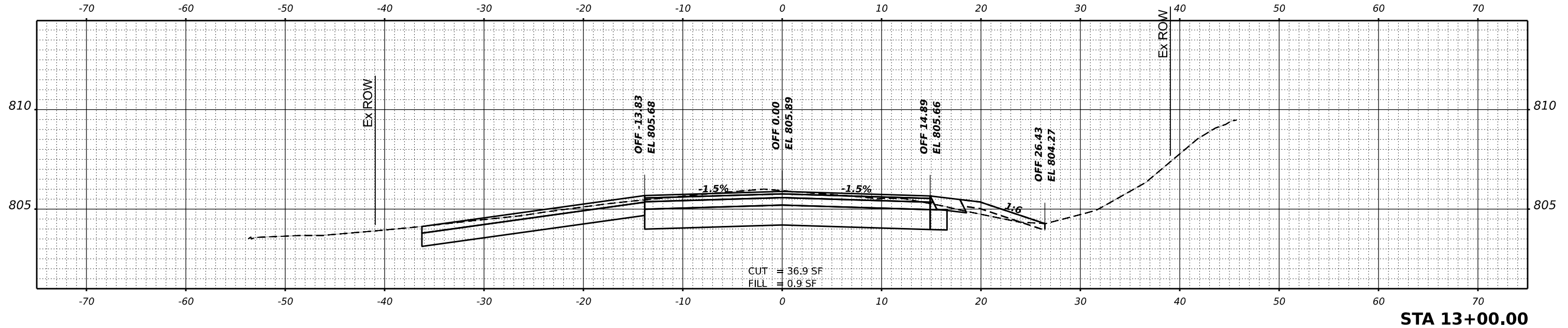
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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

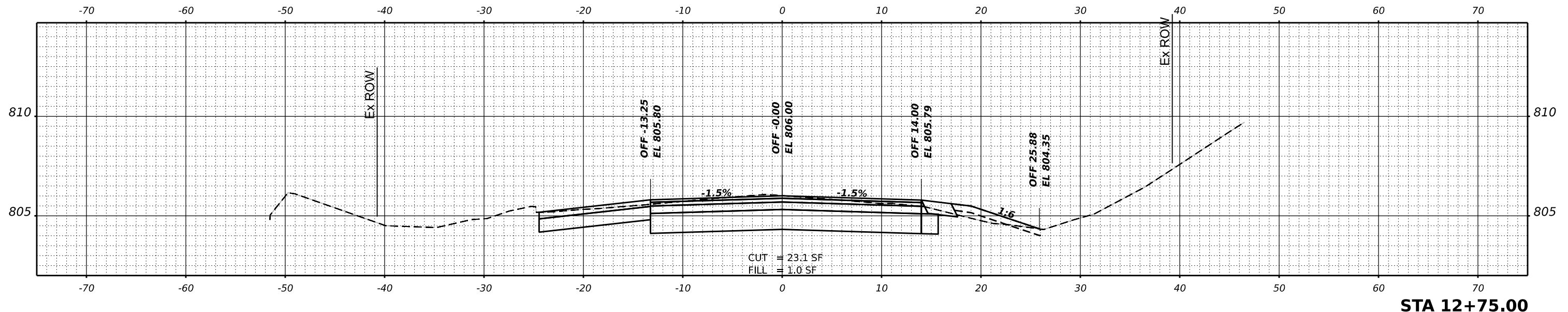
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STA 13+06.15



STA 13+00.00



STA 12+75.00

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PLOT SCALE =	0.16666633' / in.	CHECKED -	KKS	REVISED -	
PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

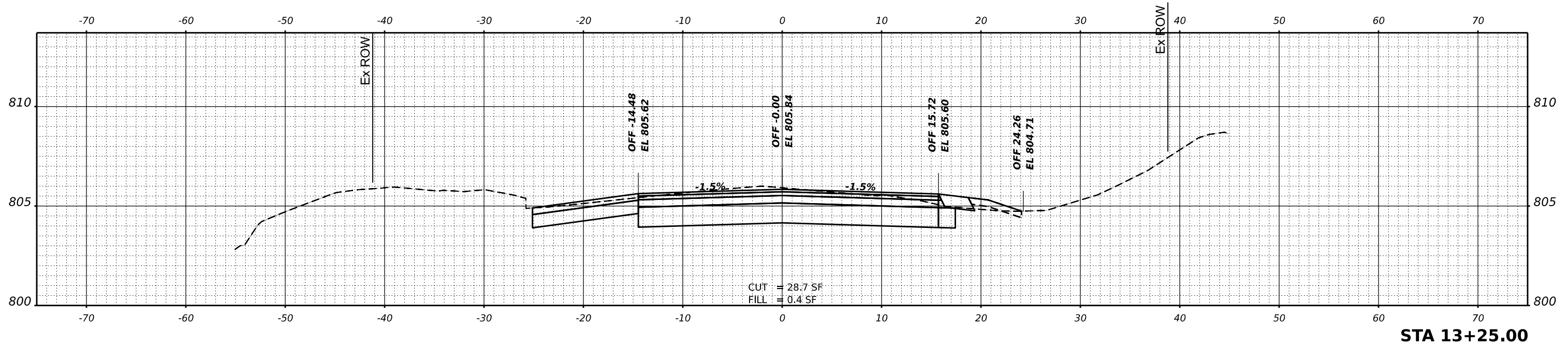
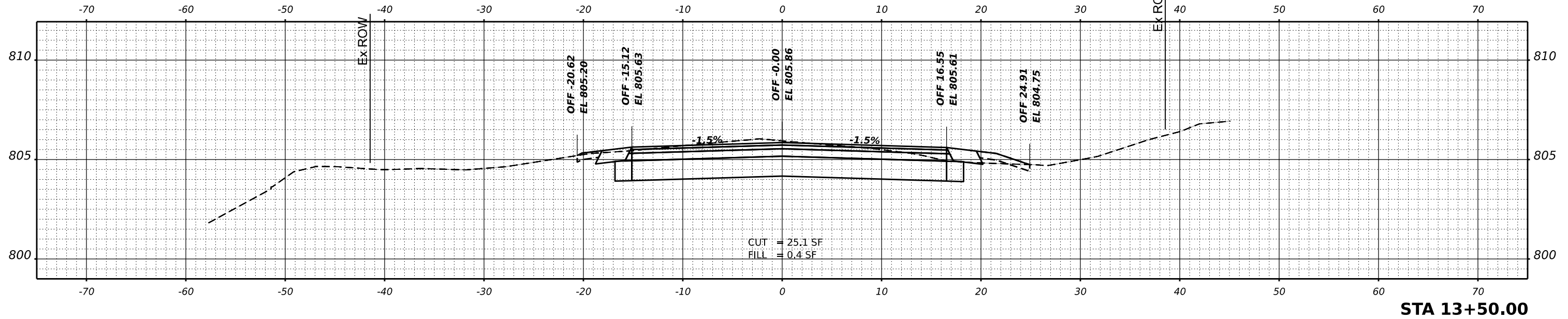
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	65
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: P:\CL_Highland - 13+25.00 (Sheet)
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USER NAME =	kneims	DESIGNED -	KRN	REVISED -	
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PLOT SCALE =	0.16666633' / in.	CHECKED -	KKS	REVISED -	
PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

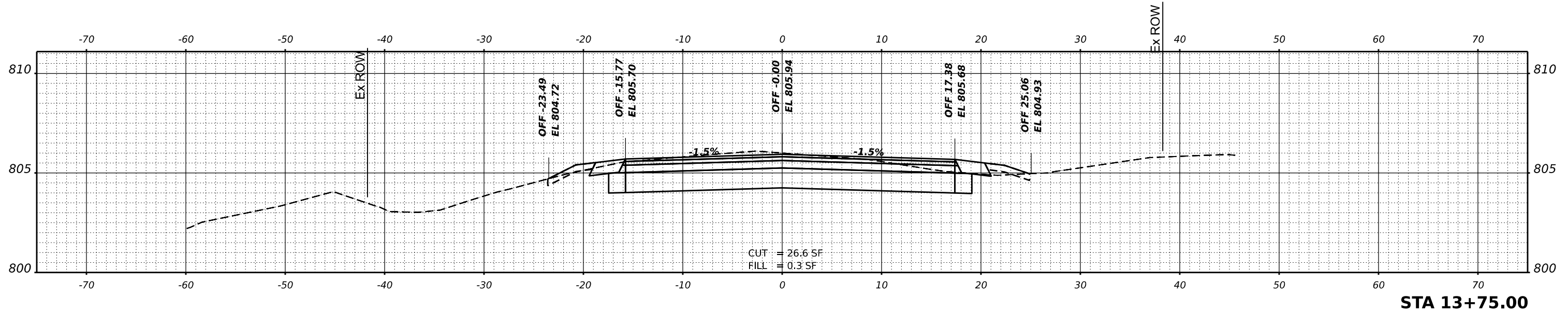
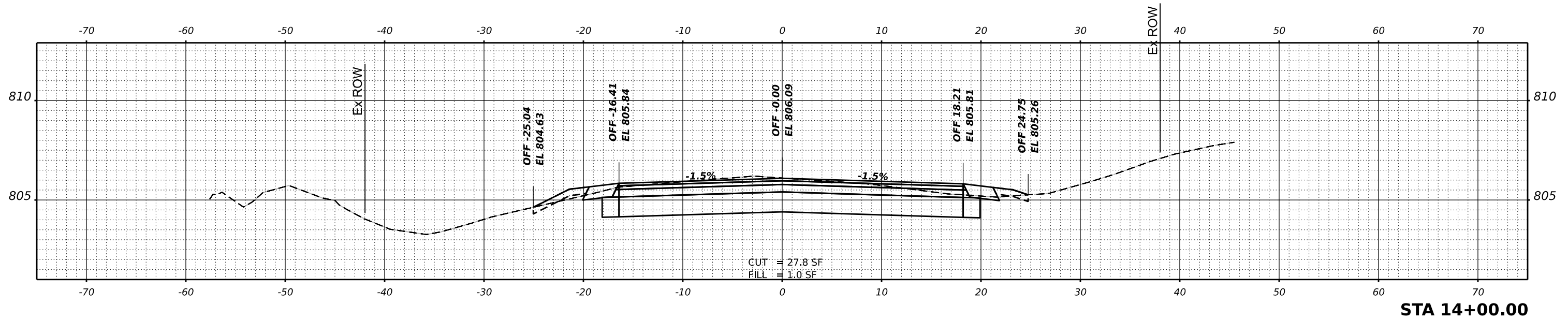
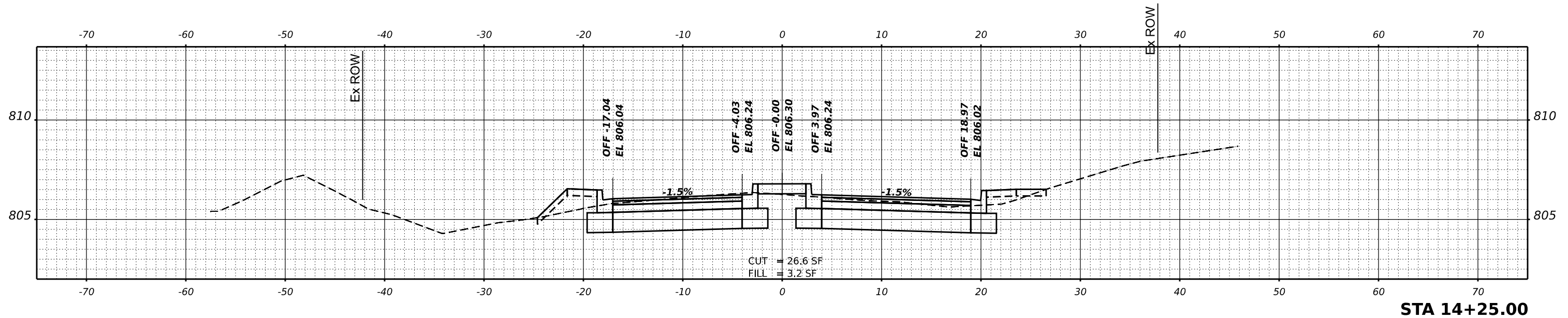
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	66
				CONTRACT NO. 61M33
		ILLINOIS	FED. AID PROJECT	

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

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

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USER NAME =	kneims	DESIGNED -	KRN	REVISED -	
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PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

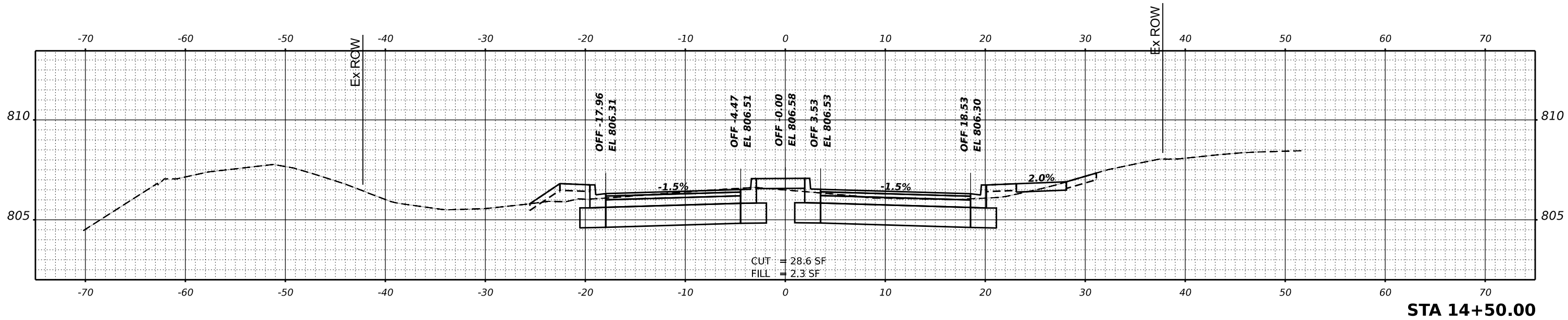
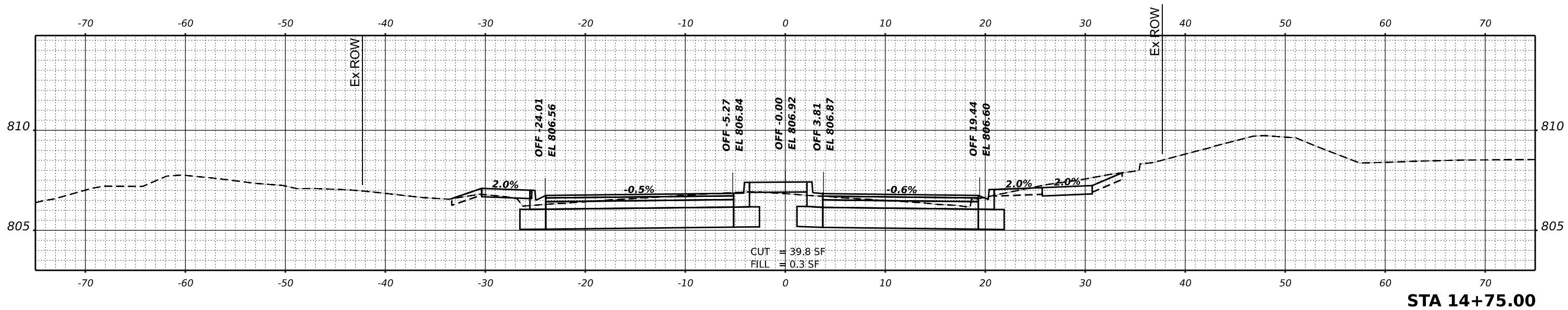
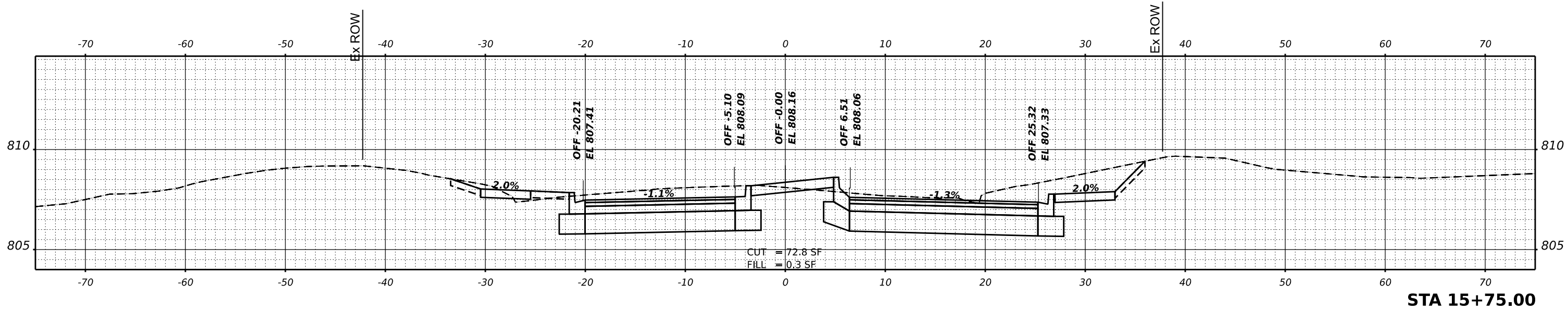
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	67
				CONTRACT NO. 61M33
		ILLINOIS	FED. AID PROJECT	

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

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

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PLOT SCALE =	0.16666633' / in.	CHECKED -	KKS	REVISED -	
PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

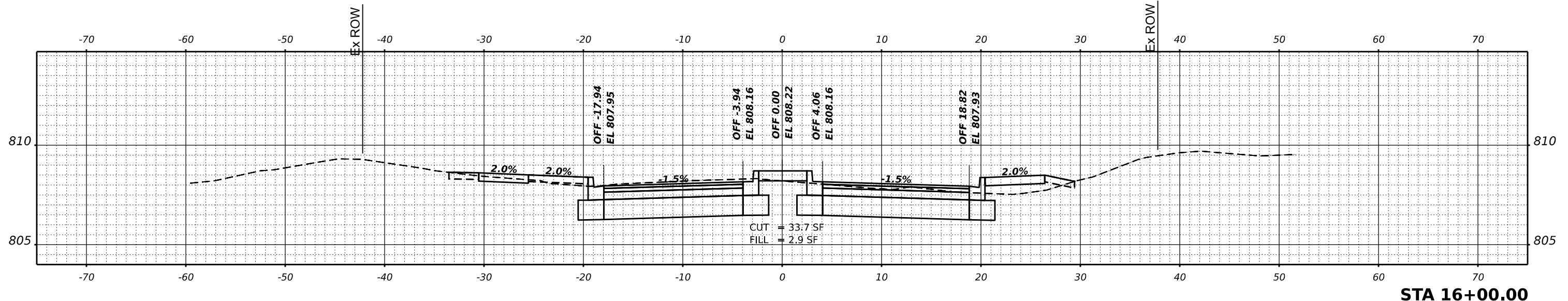
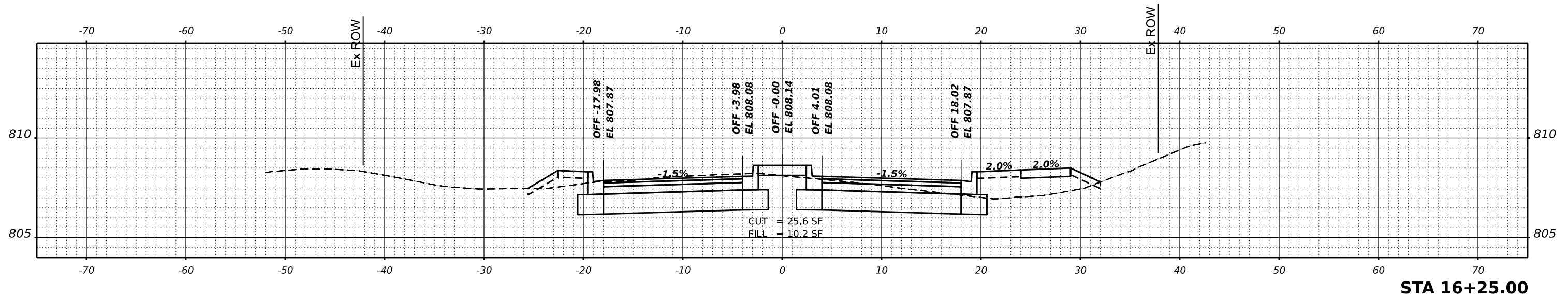
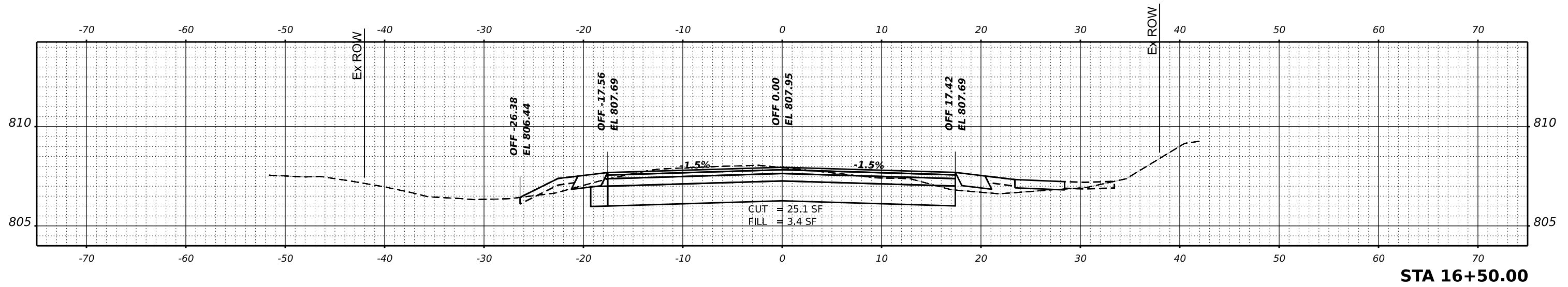
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	68
				CONTRACT NO. 61M33
		ILLINOIS	FED. AID PROJECT	

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

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

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PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

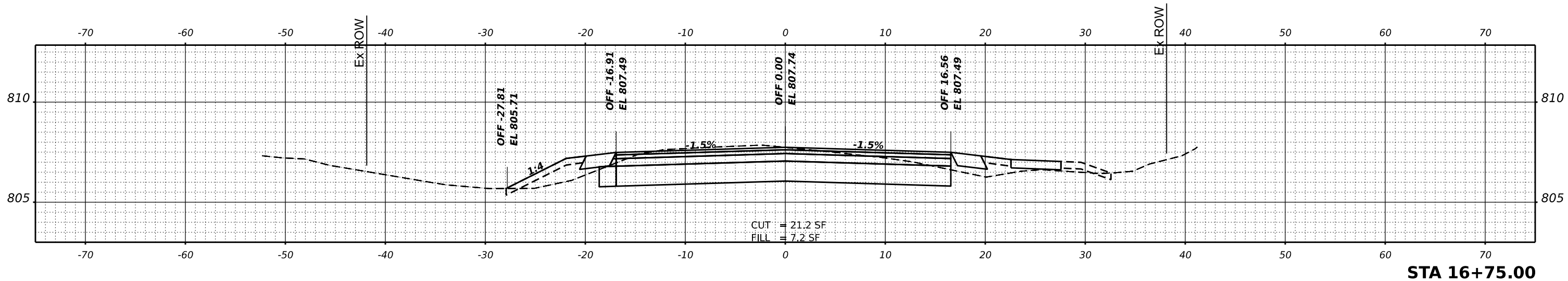
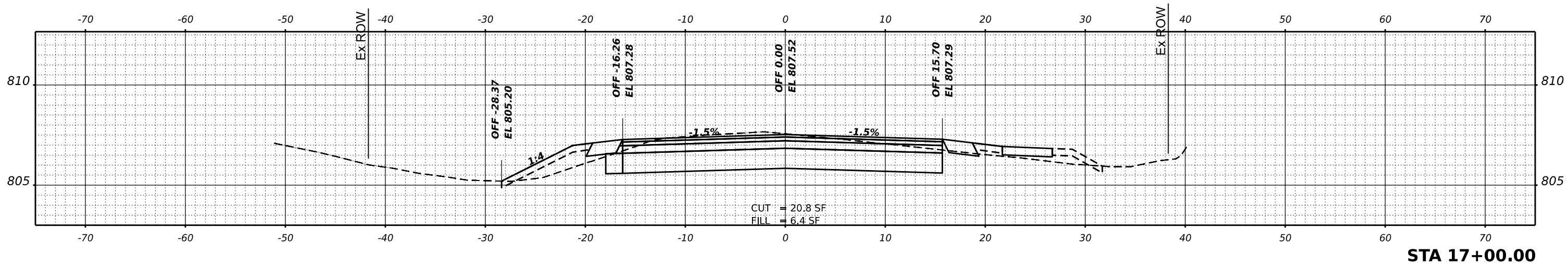
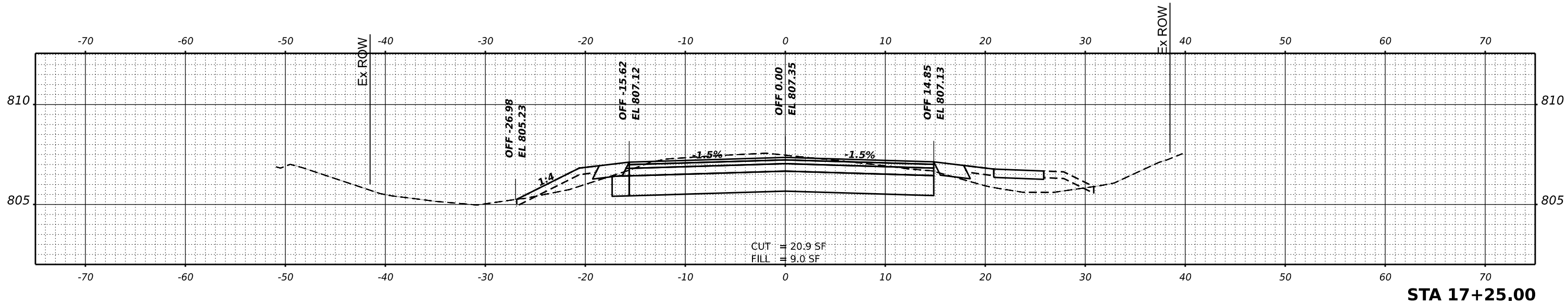
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	69
				CONTRACT NO. 61M33
		ILLINOIS	FED. AID PROJECT	

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

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

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USER NAME = kneims	DESIGNED - KRN	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - KRN	REVISED -
PLOT DATE = 2/10/2026	CHECKED - KKS	REVISED -
	DATE - 1/9/26	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

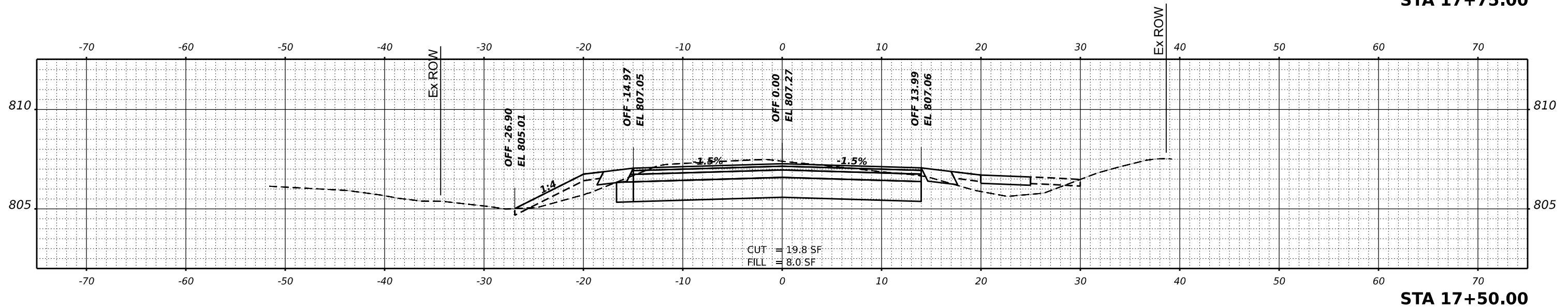
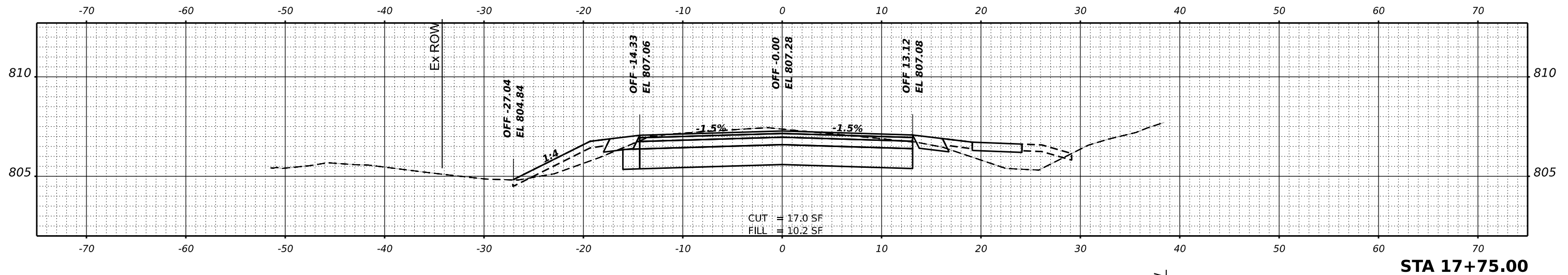
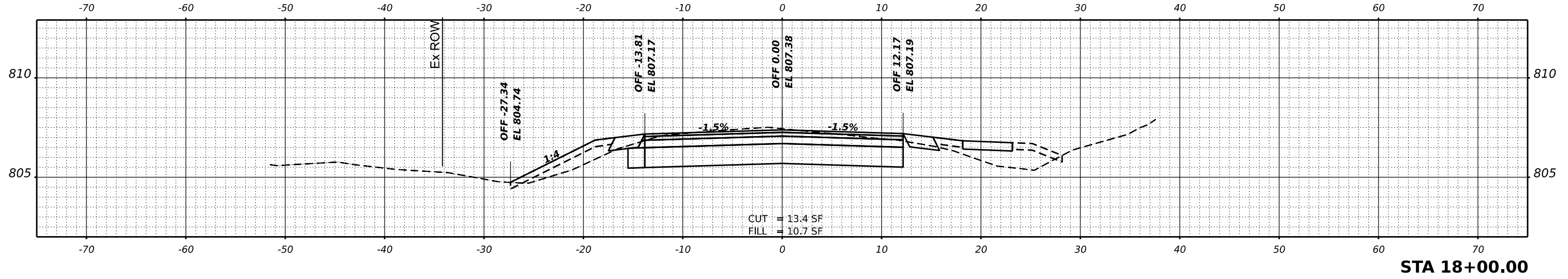
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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

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

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PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

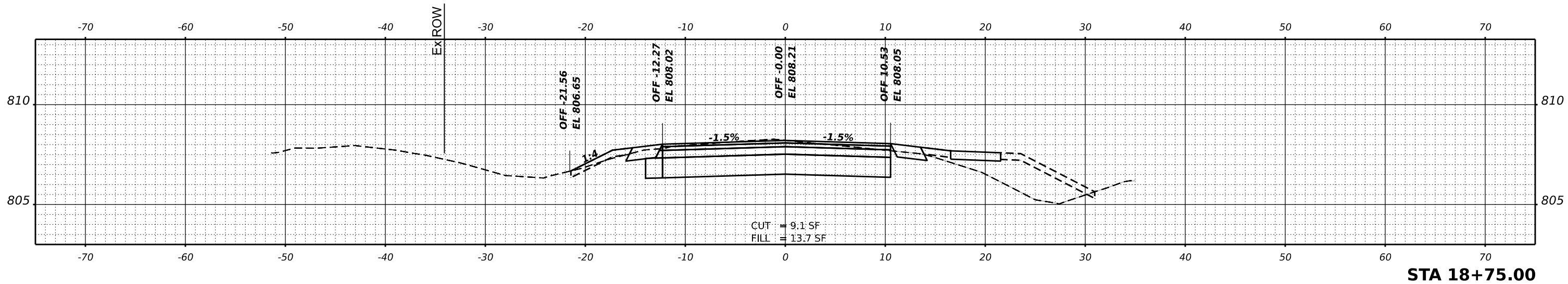
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 61M33
		ILLINOIS	FED. AID PROJECT	

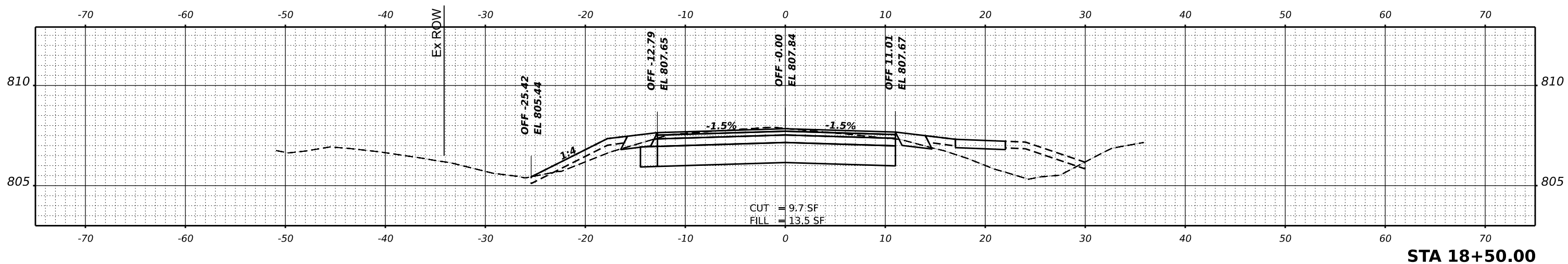
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NOTE BOOK NO.	PLOTTED BY	
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	AREAS CHECKED	
	AREAS CHECKED	

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

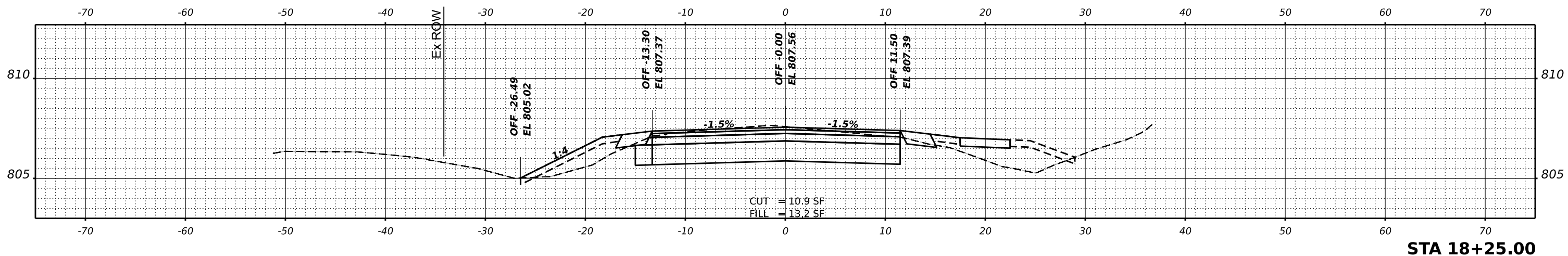
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STA 18+75.00



STA 18+50.00



STA 18+25.00

USER NAME =	kneilms	DESIGNED -	KRN	REVISED -	
		DRAWN -	KRN	REVISED -	
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PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

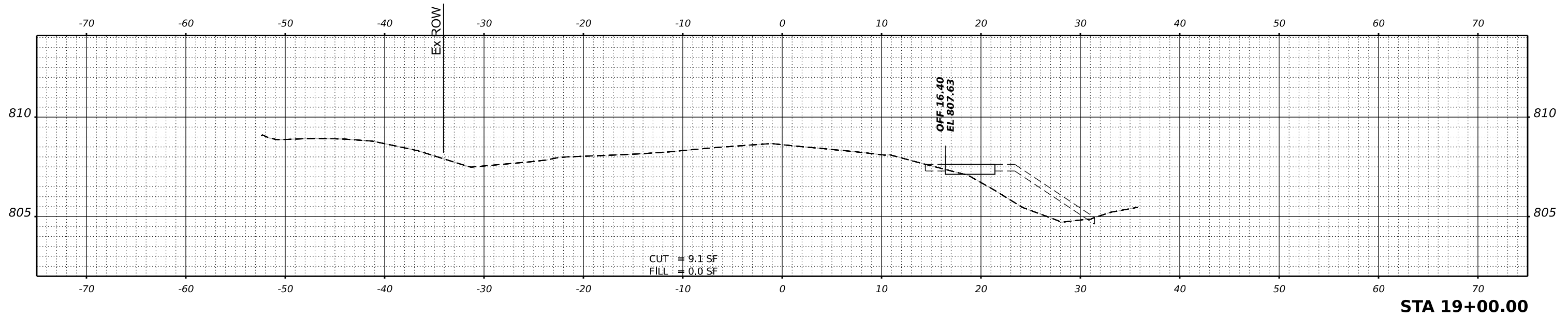
SCALE: SHEET OF SHEETS STA.

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

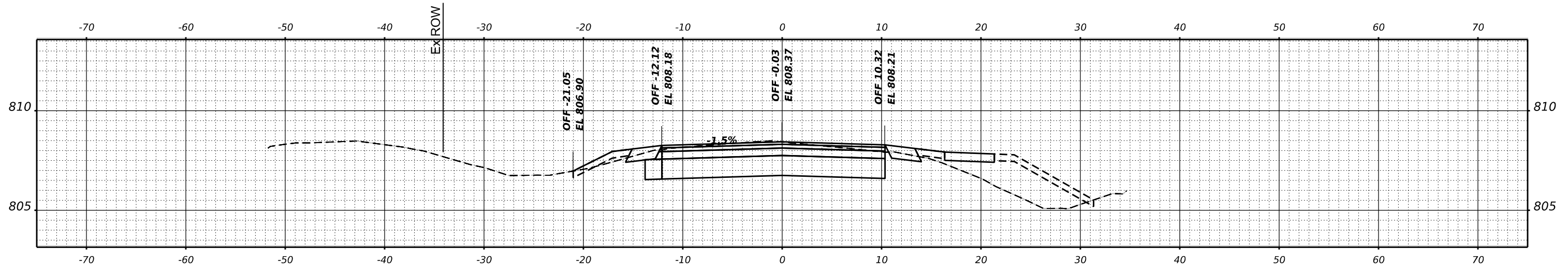
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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STA 19+00.00



STA 18+85.07

USER NAME = kneims	DESIGNED - KRN	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - KRN	REVISED -
PLOT DATE = 2/10/2026	CHECKED - KKS	REVISED -
	DATE - 1/9/26	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

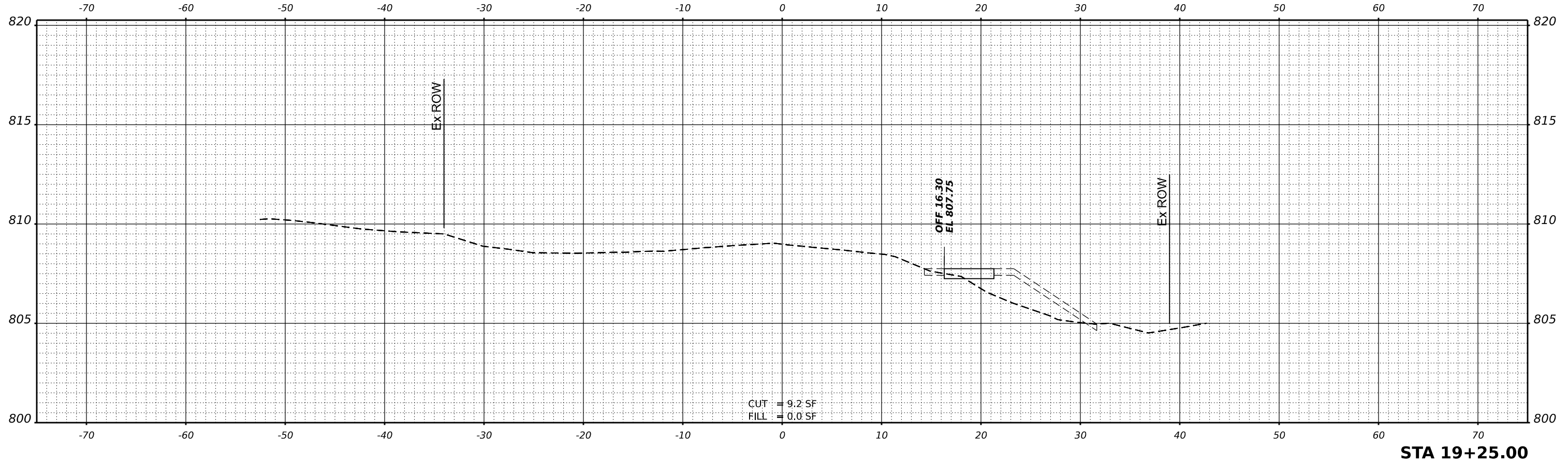
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	73
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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	DRAWN - KRN	REVISED -
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PLOT DATE = 2/10/2026	DATE - 1/9/26	REVISED -

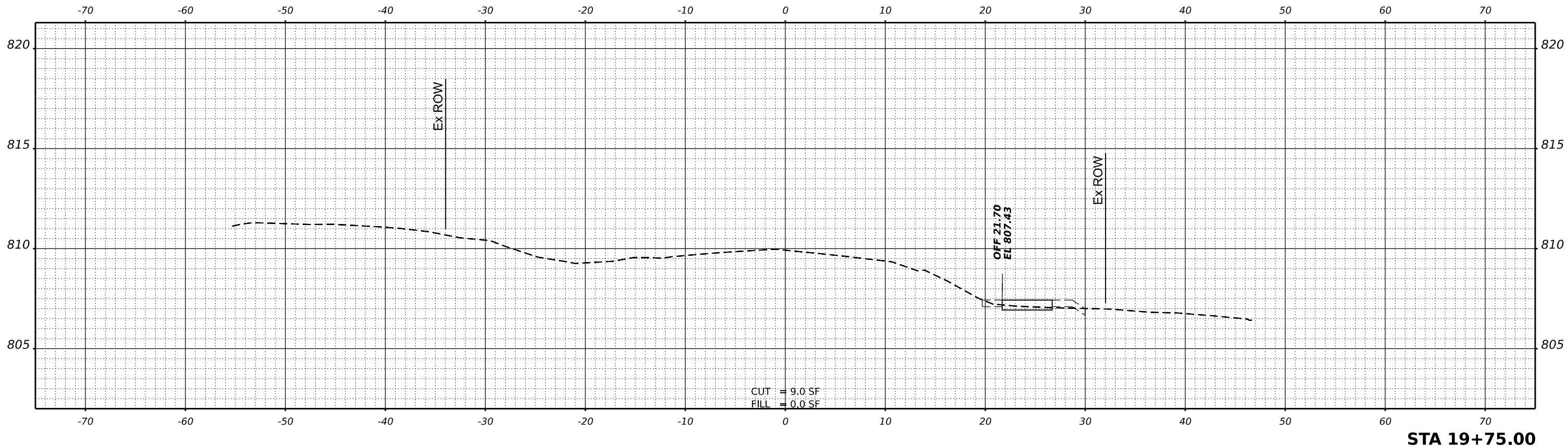
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

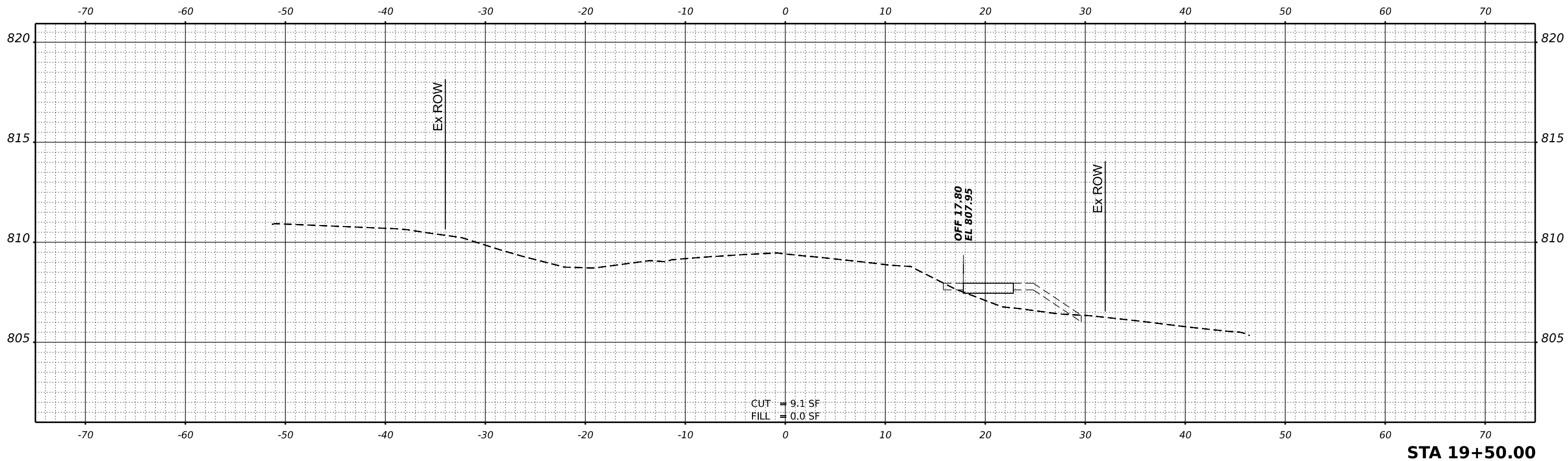
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	74
CONTRACT NO. 61M33				
		ILLINOIS	FED. AID PROJECT	

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



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



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	DRAWN - KRN	REVISED -
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PLOT DATE = 2/10/2026	DATE - 1/9/26	REVISED -

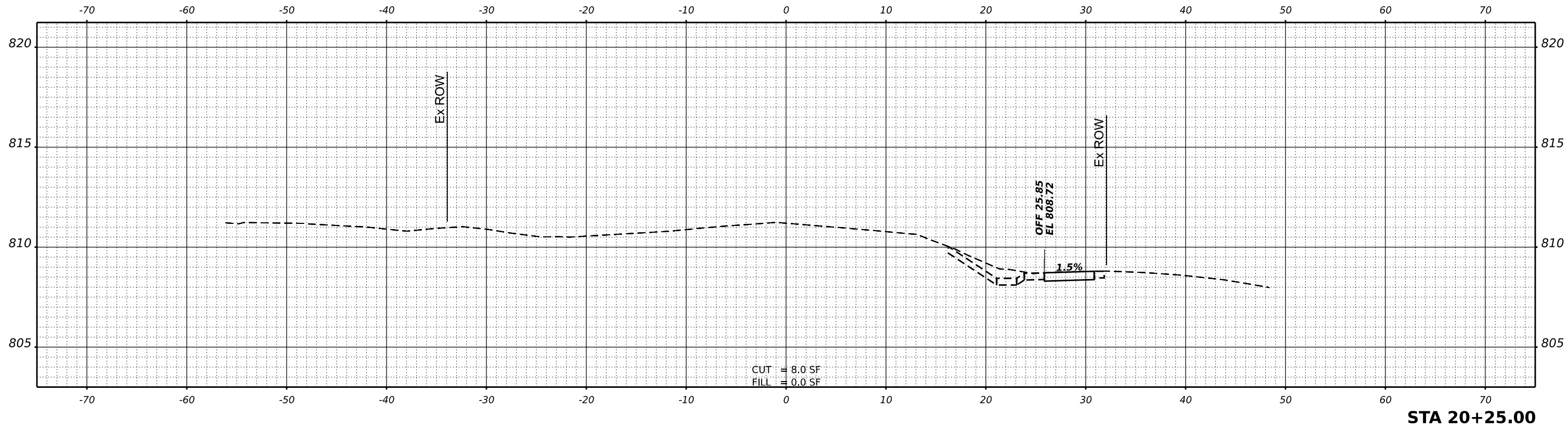
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

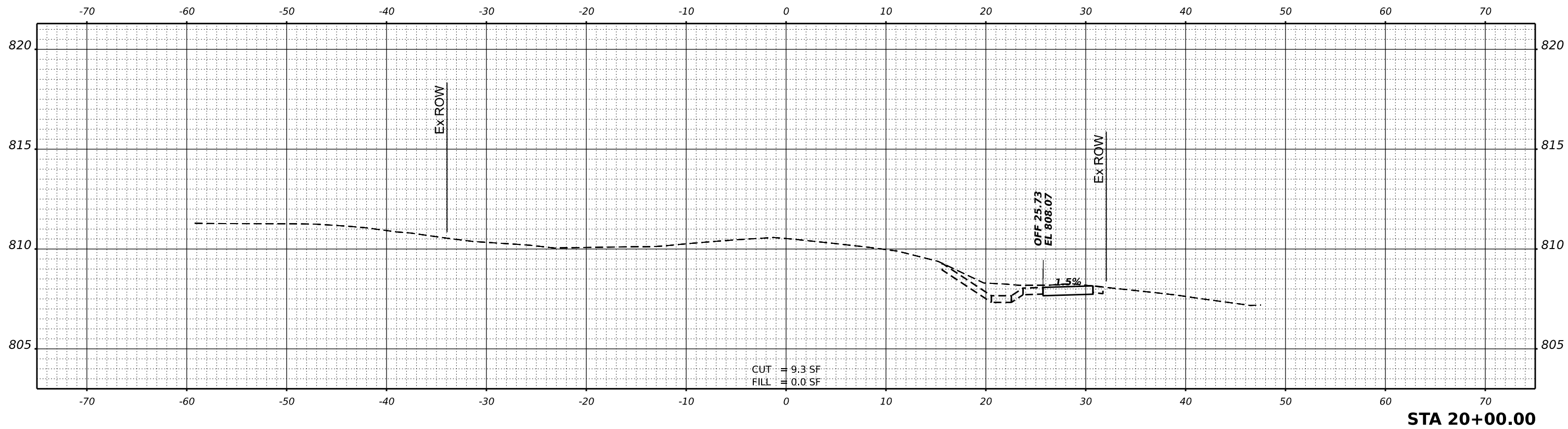
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	75
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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



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



MODEL: P:\CL_Highland - 20+00.00 (Sheet)
FILE NAME: P:\2024\663\Caro2 Design\CADD_Sheets\240663-sheet6.dgn

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		DRAWN -	KRN	REVISED -	
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PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

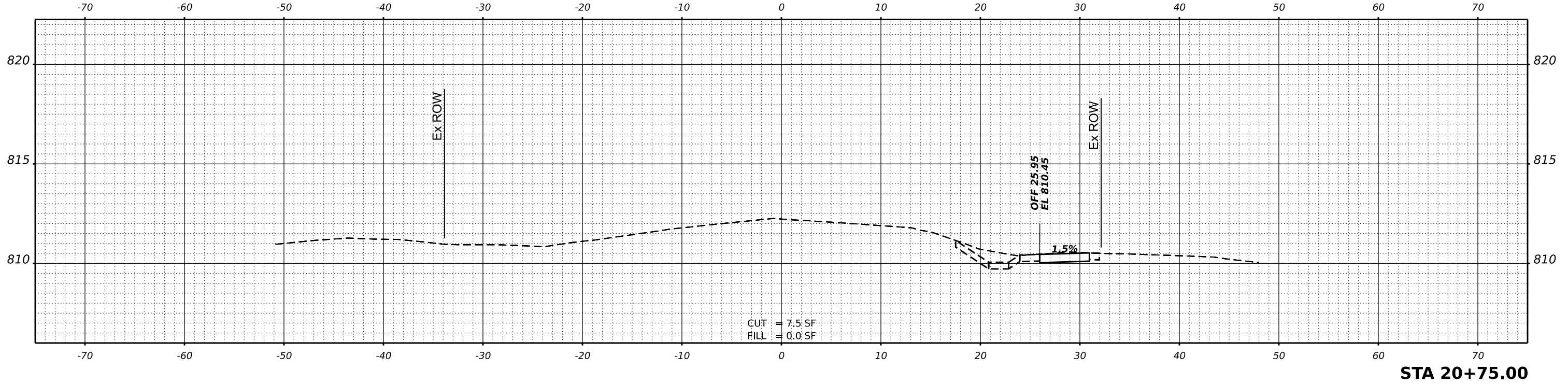
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

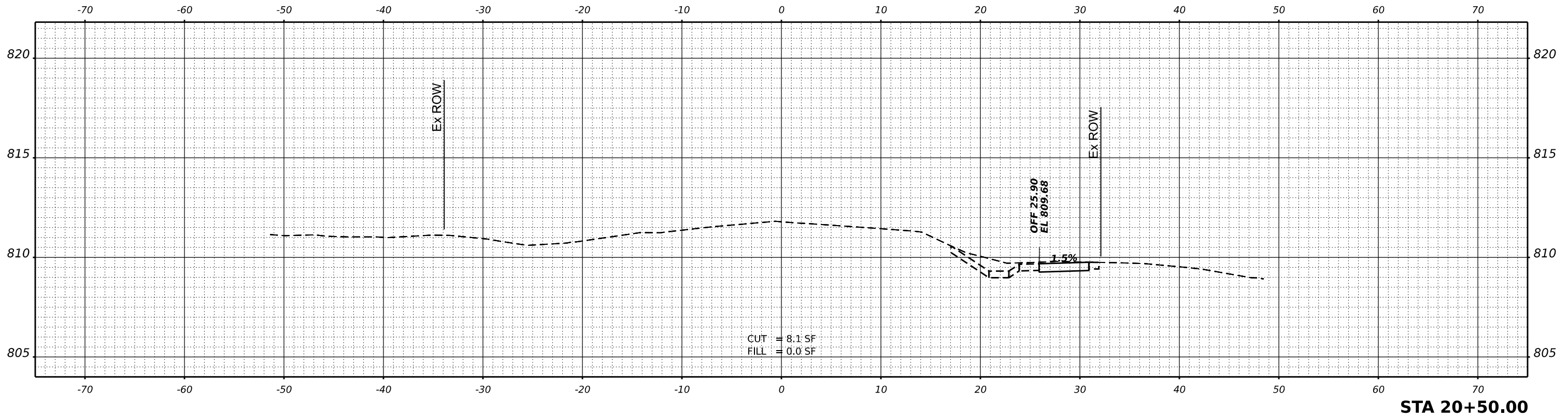
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	76
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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



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



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	DRAWN - KRN	REVISED -
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PLOT DATE = 2/10/2026	DATE - 1/9/26	REVISED -

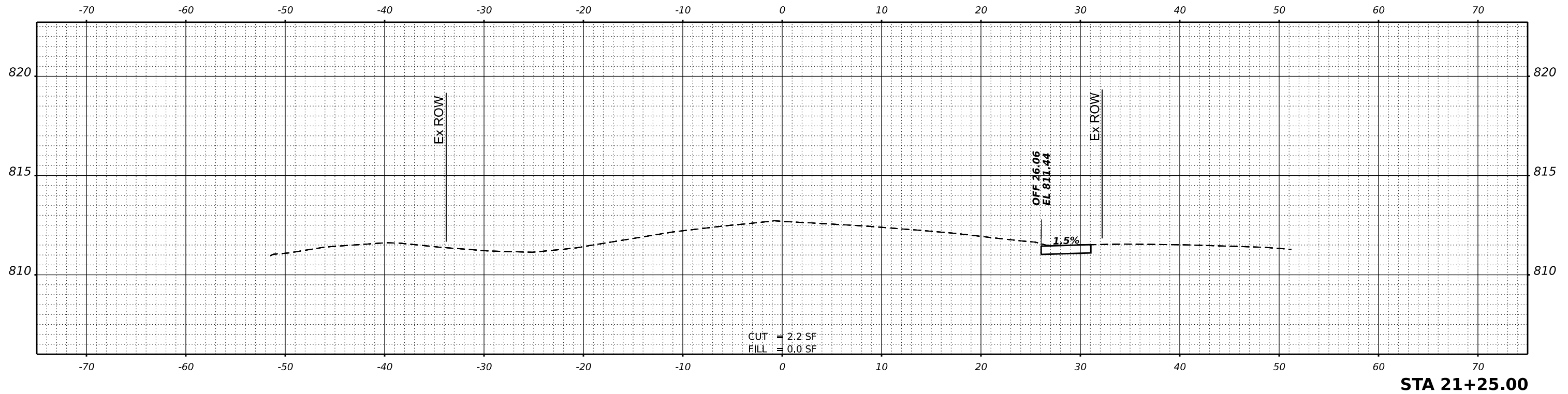
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

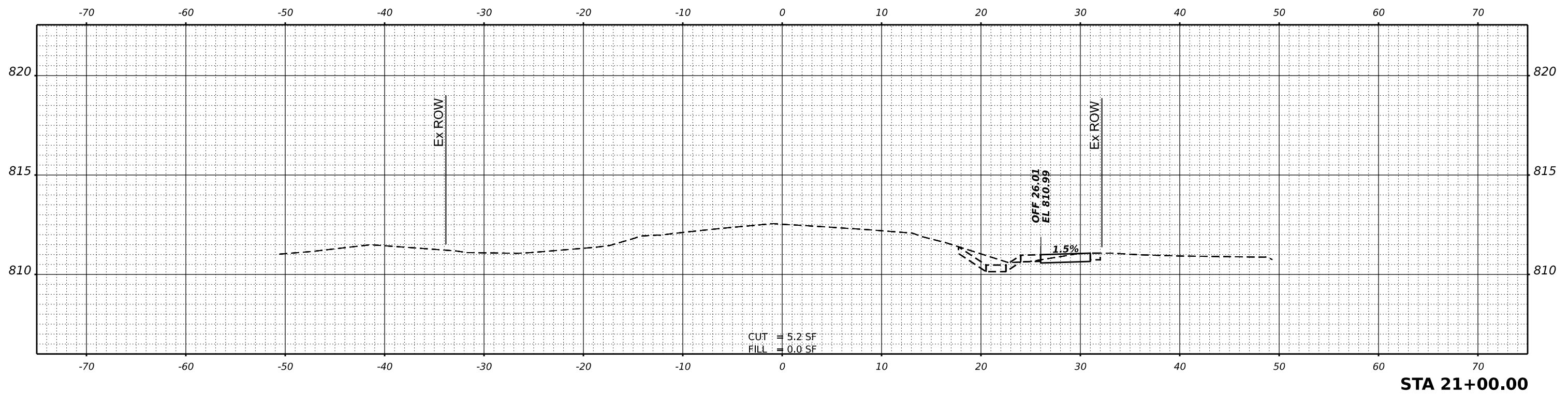
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	77
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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



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



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		DRAWN -	KRN	REVISED -	
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PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

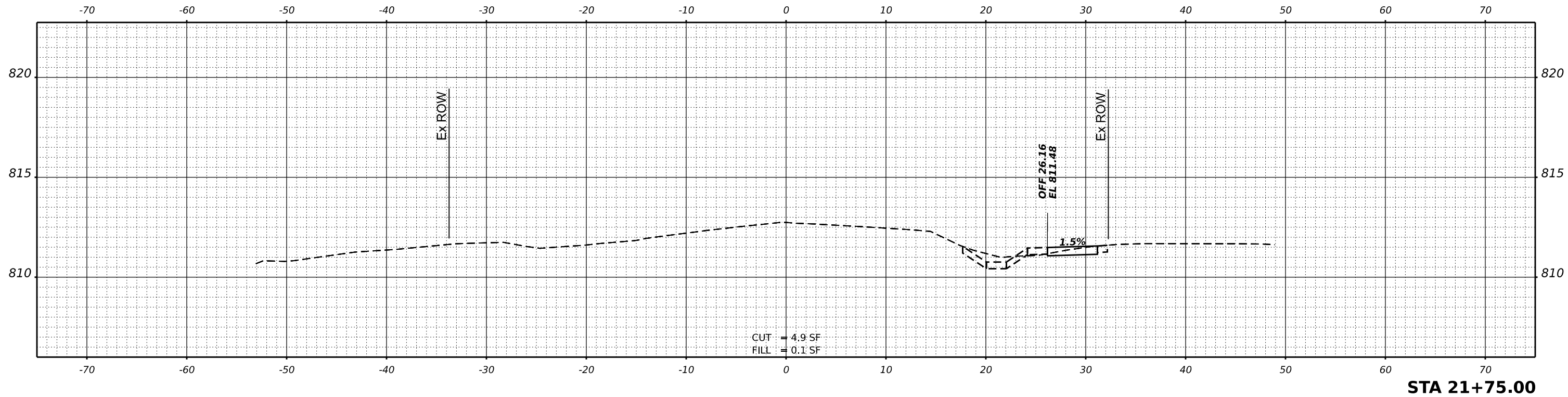
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

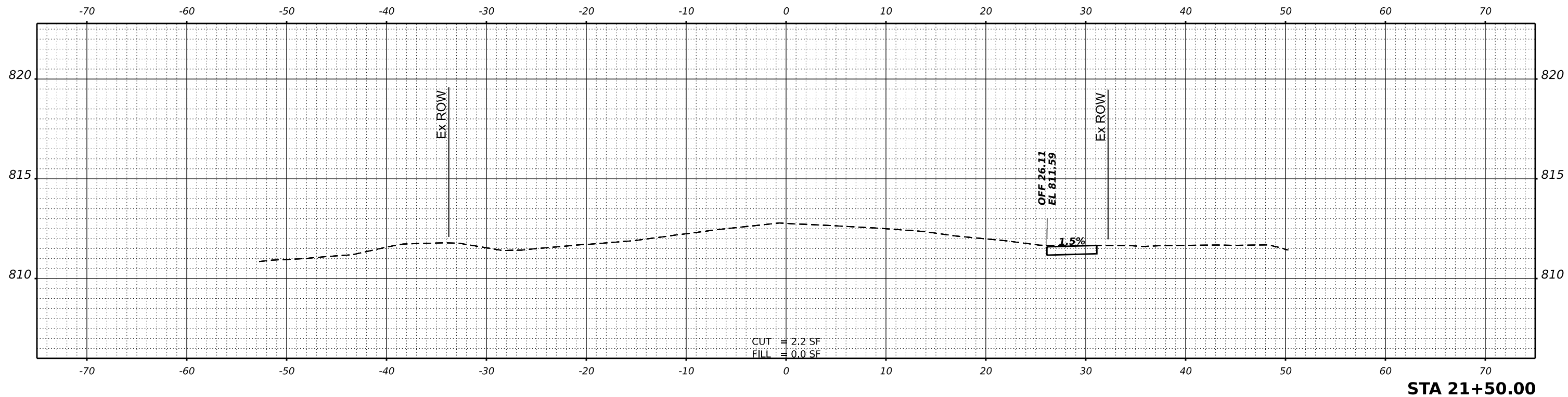
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	78
				CONTRACT NO. 61M33
		ILLINOIS	FED. AID PROJECT	

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



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



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	DRAWN - KRN	REVISED -
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PLOT DATE = 2/10/2026	DATE - 1/9/26	REVISED -

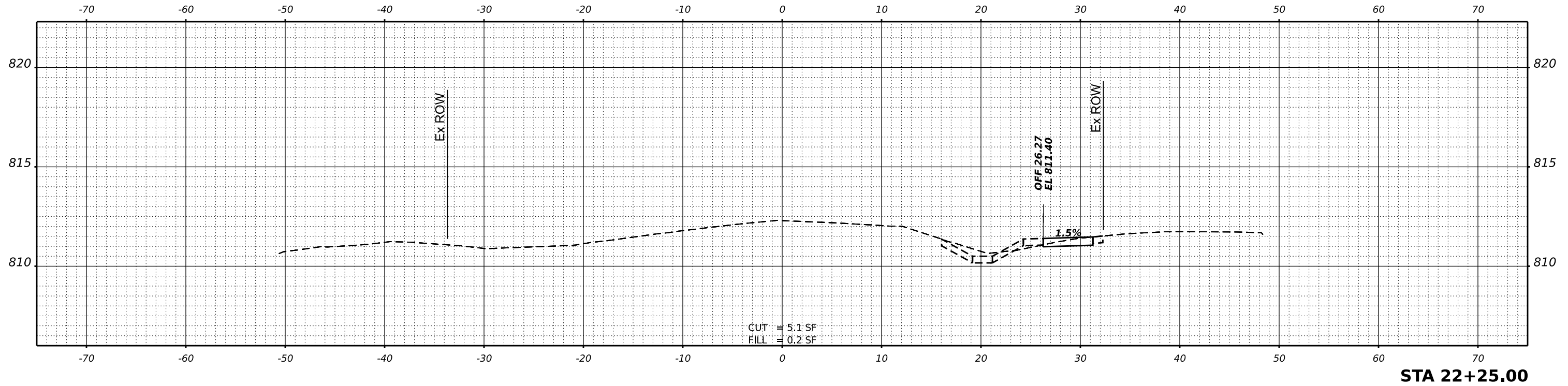
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

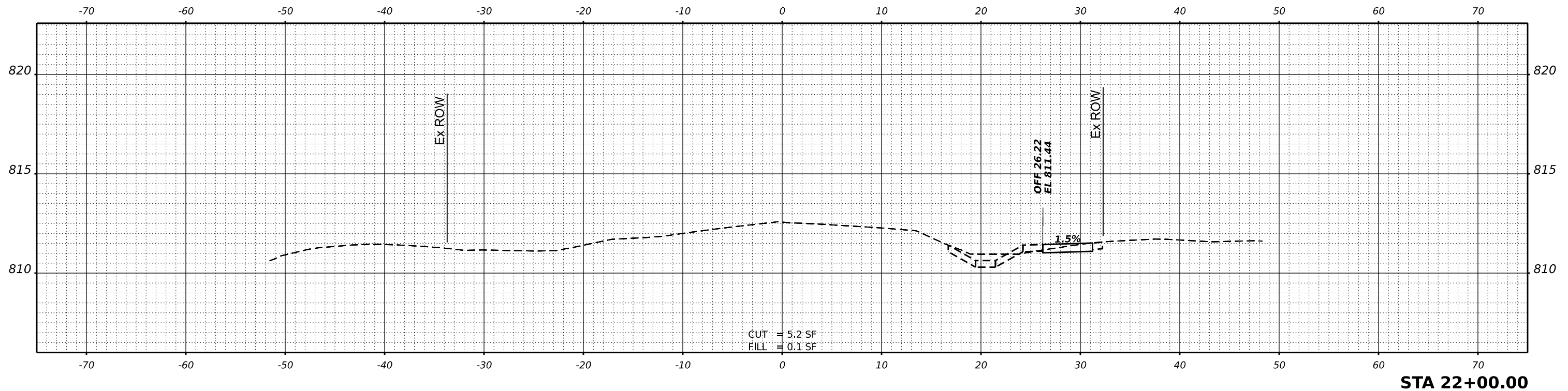
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	79
				CONTRACT NO. 61M33
		ILLINOIS	FED. AID PROJECT	

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



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



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PLOT SCALE = 0.16666633' / in.	DRAWN - KRN	REVISED -
PLOT DATE = 2/10/2026	CHECKED - KKS	REVISED -
	DATE - 1/9/26	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

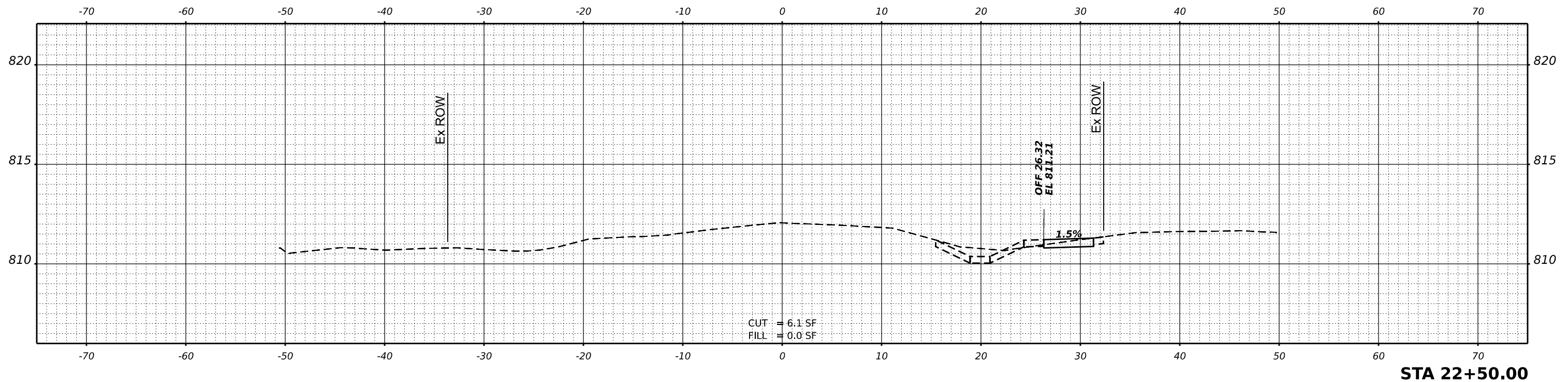
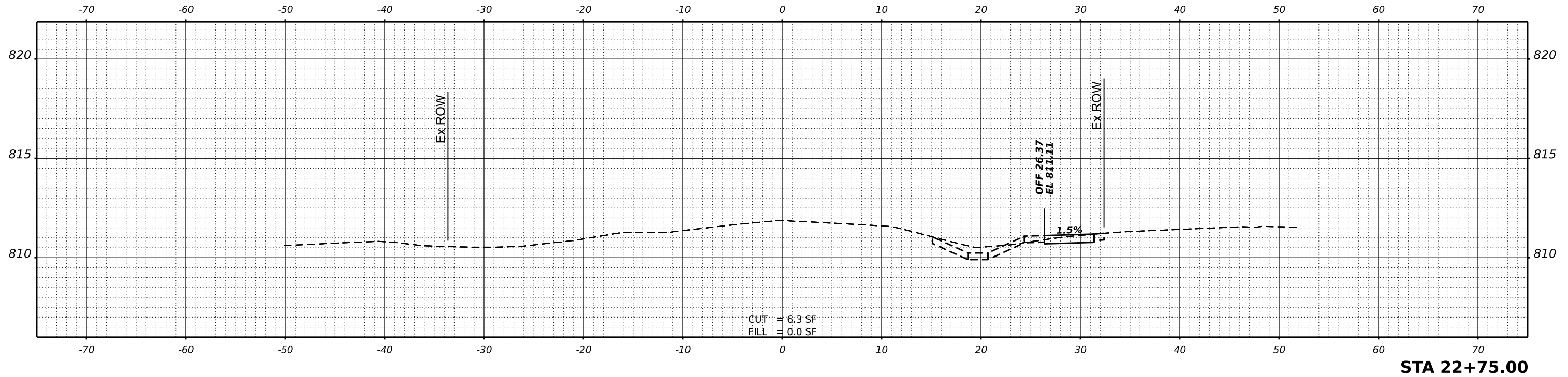
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	80
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: P:\CL_Highland - 22+50.00 (Sheet)
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USER NAME = kneims	DESIGNED - KRN	REVISED -
	DRAWN - KRN	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - KKS	REVISED -
PLOT DATE = 2/10/2026	DATE - 1/9/26	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

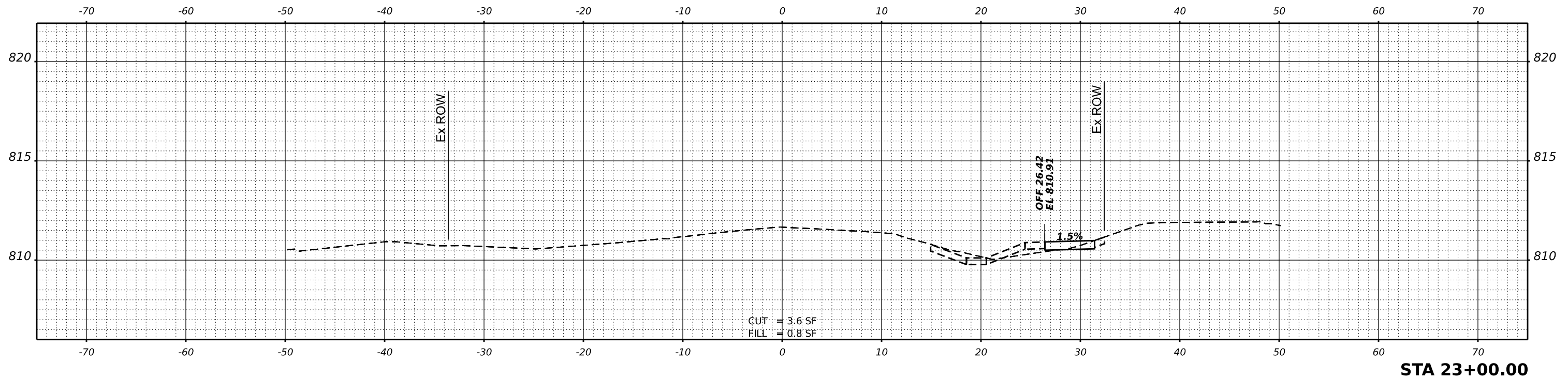
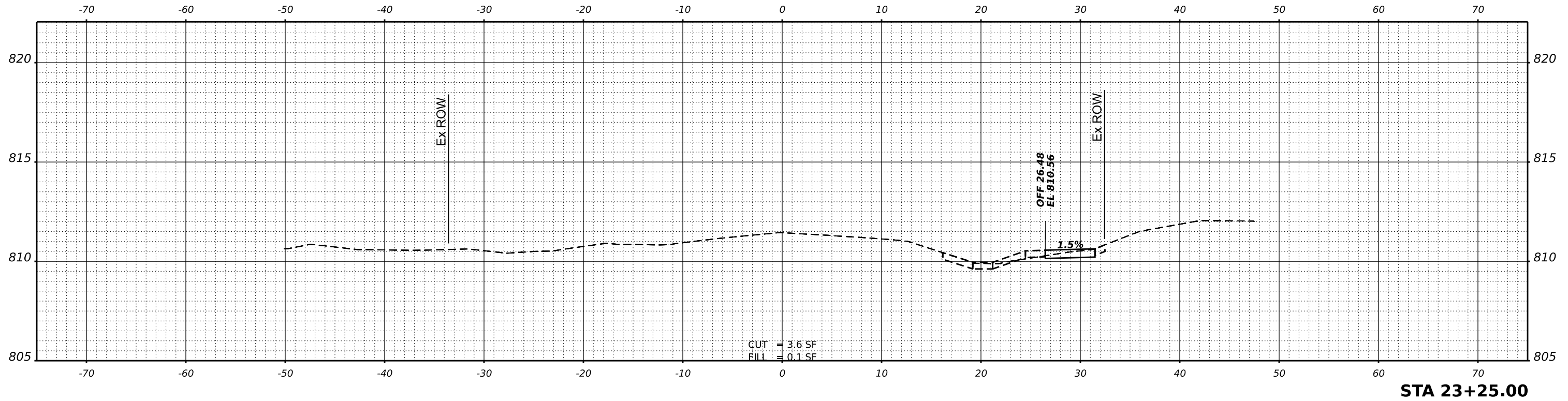
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	81
				CONTRACT NO. 61M33
		ILLINOIS	FED. AID PROJECT	

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

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

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		DRAWN -	KRN	REVISED -	
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PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

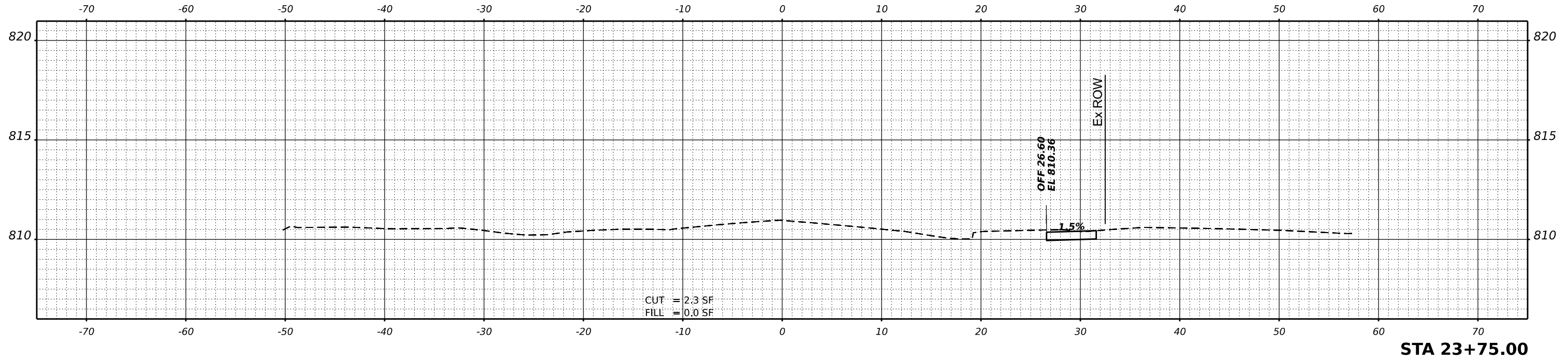
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

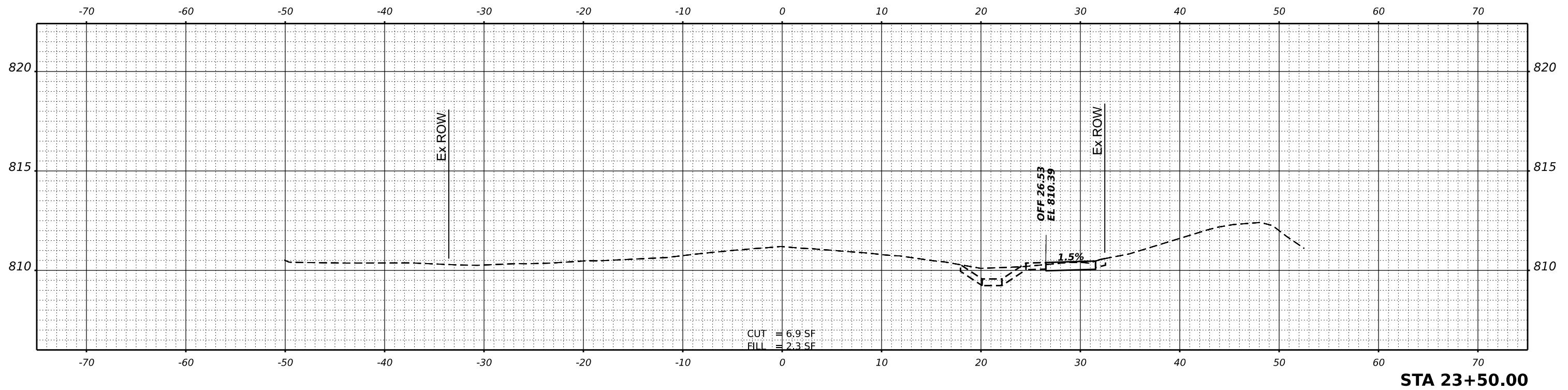
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	82
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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



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



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PLOT SCALE =	0.16666633' / in.	CHECKED -	KKS	REVISED -	
PLOT DATE =	2/10/2026	DATE -	1/9/26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

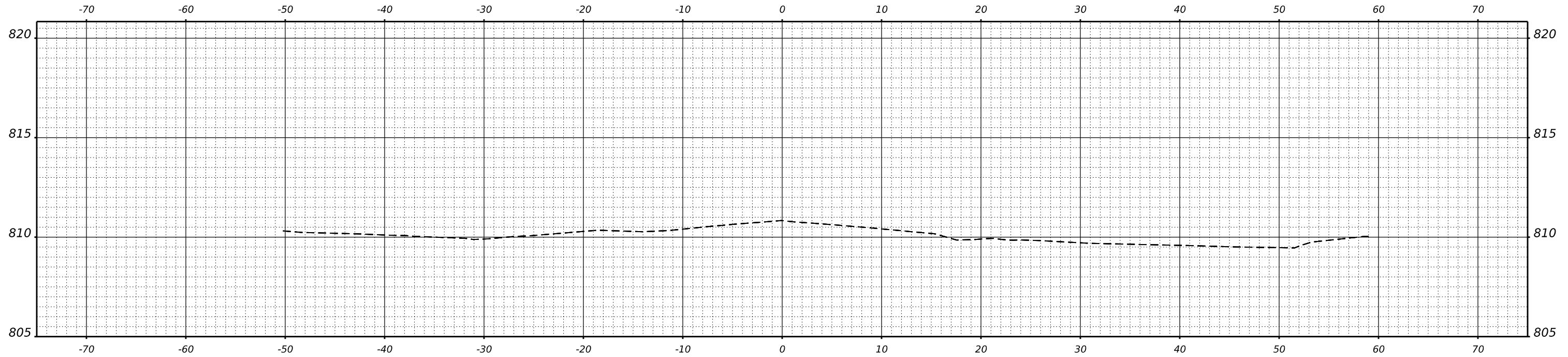
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	83
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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

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

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STA 23+99.45

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PLOT DATE = 2/10/2026	CHECKED - KKS	REVISED -
	DATE - 1/9/26	REVISED -

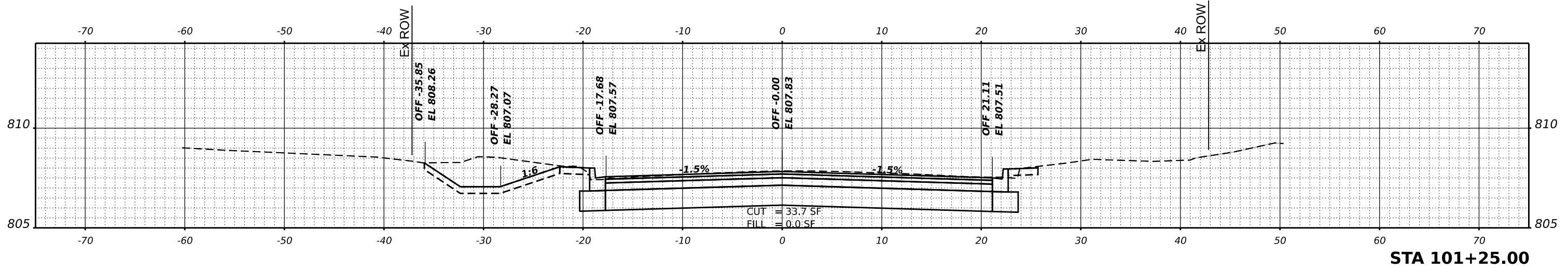
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: SHEET OF SHEETS STA.

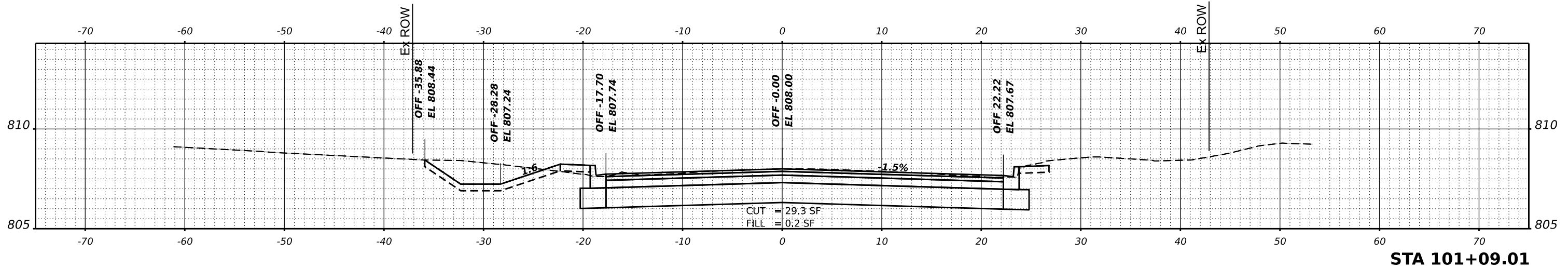
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	84
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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

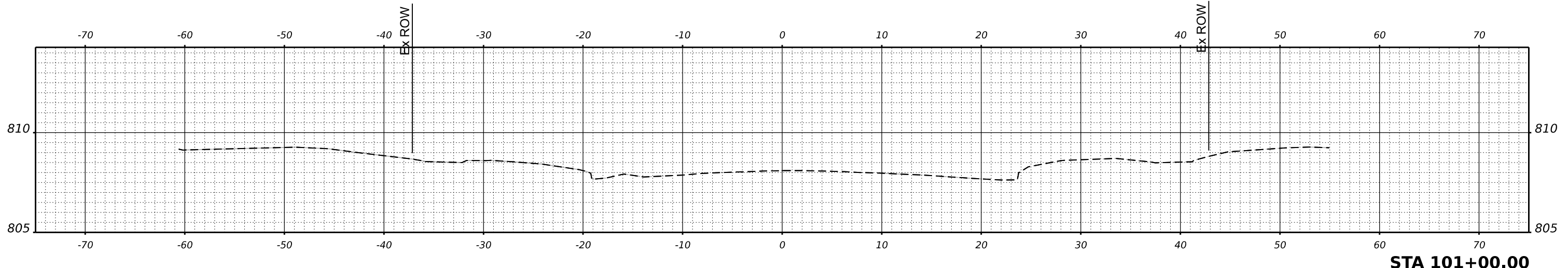


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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



STA 101+09.01



STA 101+00.00

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		DRAWN	- KRN	REVISED	-
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PLOT DATE	= 2/10/2026	DATE	- 1/9/26	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

SCALE: SHEET OF SHEETS STA.

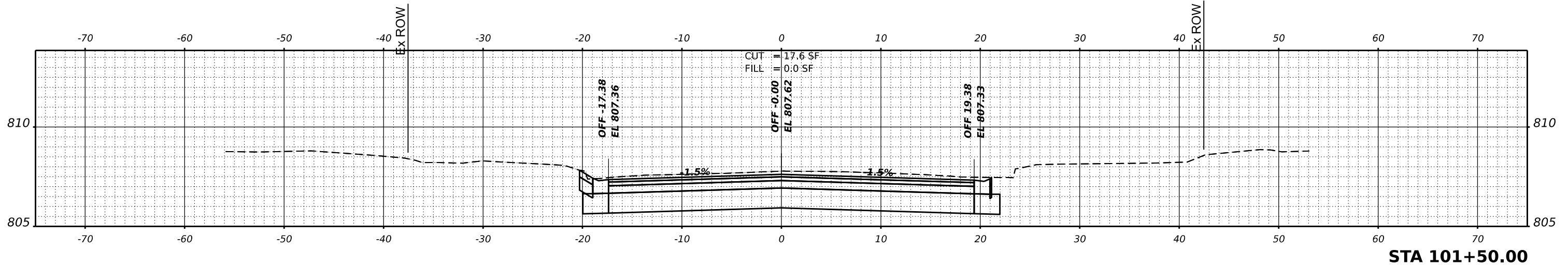
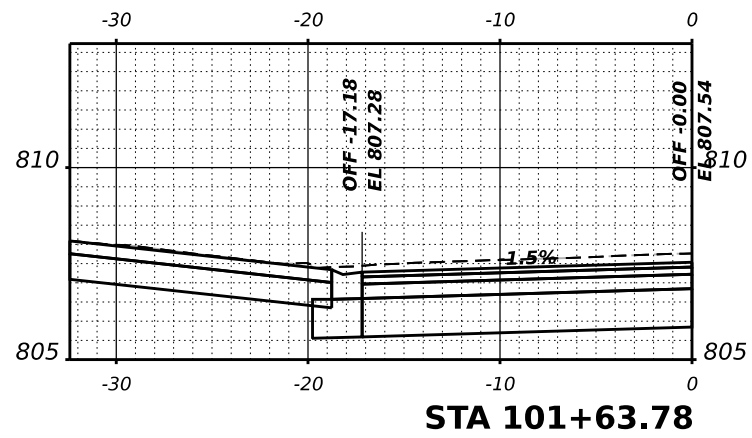
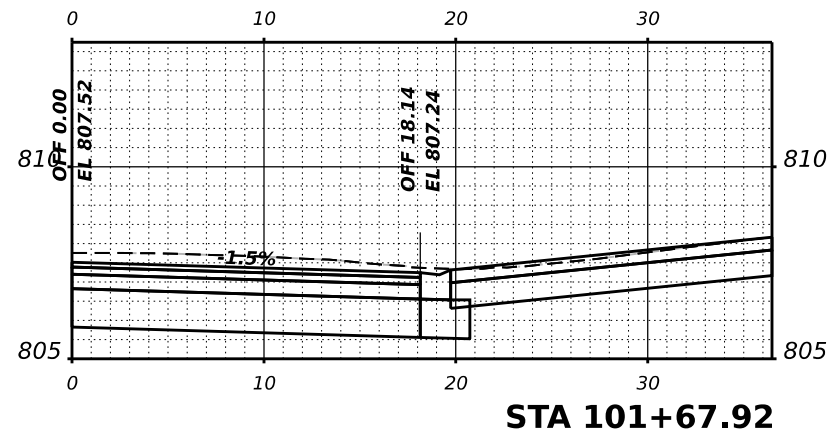
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	85
				CONTRACT NO. 61M33
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME	knelfms	DESIGNED	- KRN	REVISED	-
		DRAWN	- KRN	REVISED	-
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PLOT DATE	2/10/2026	DATE	- 1/9/26	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

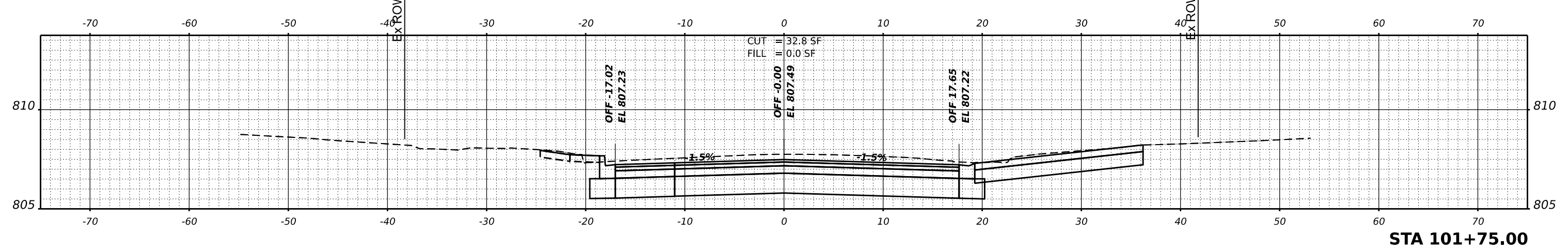
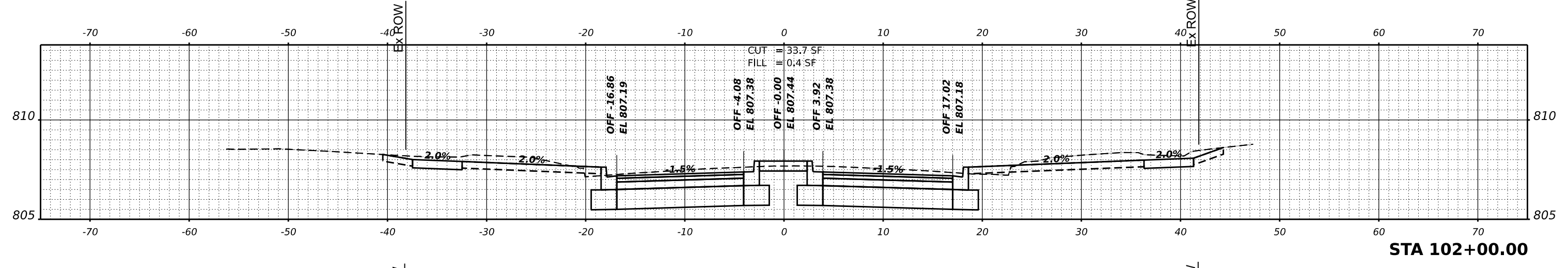
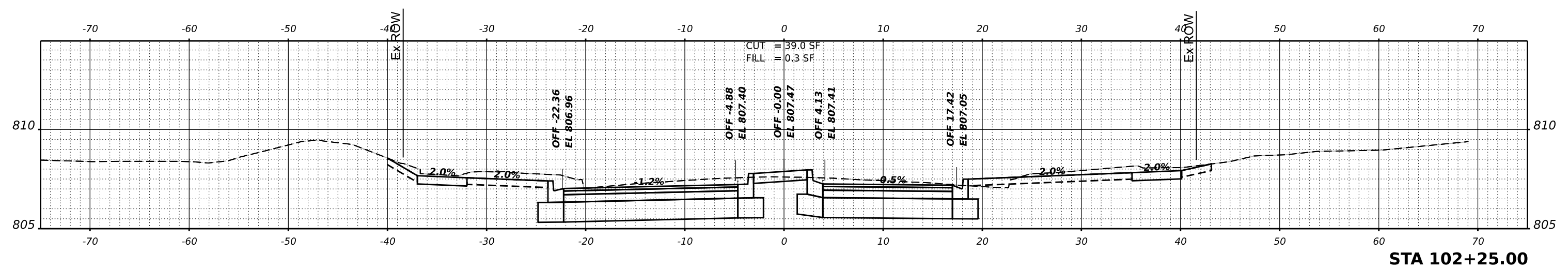
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	86
				CONTRACT NO. 61M33
				ILLINOIS FED. AID PROJECT

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

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

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USER NAME	= knelms	DESIGNED	- KRN	REVISED	-
		DRAWN	- KRN	REVISED	-
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PLOT DATE	= 2/10/2026	DATE	- 1/9/26	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

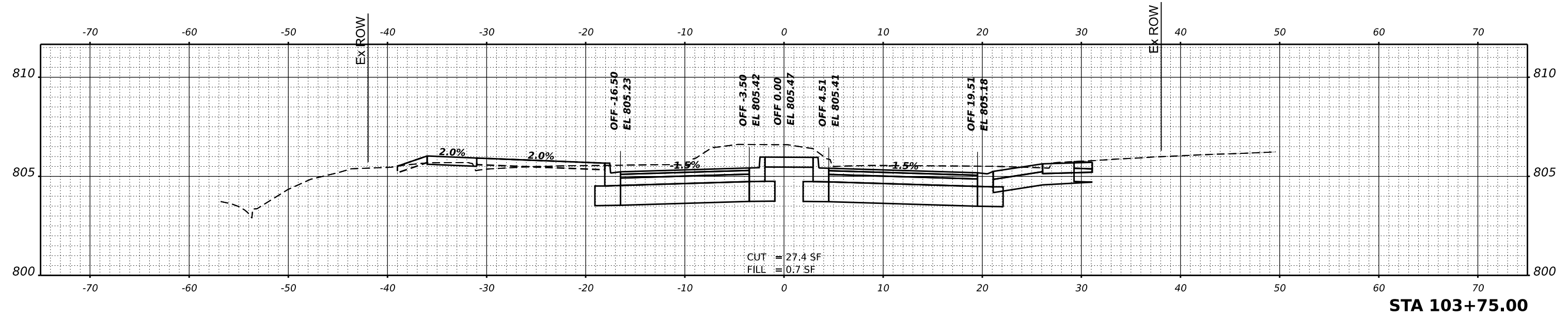
SCALE: SHEET OF SHEETS STA.

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

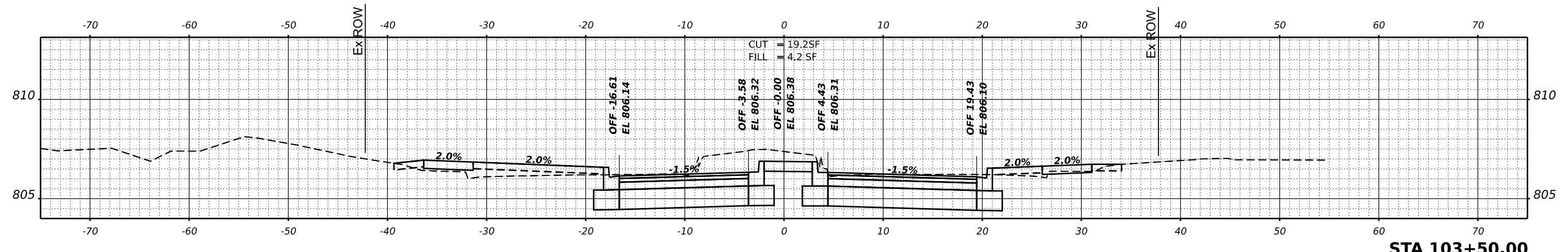
FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

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

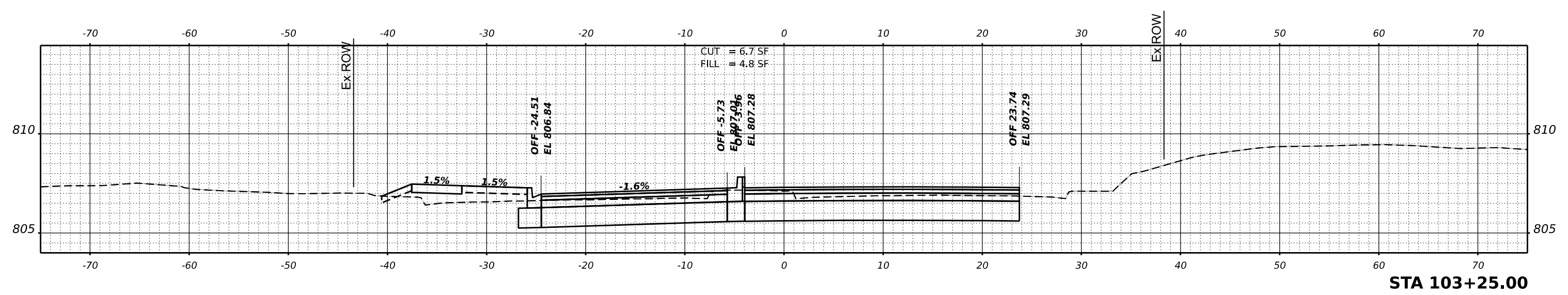
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STA 103+75.00



STA 103+50.00



STA 103+25.00

USER NAME = knelms	DESIGNED - KRN	REVISED -
	DRAWN - KRN	REVISED -
PLOT SCALE = 0.16666667 / in.	CHECKED - KKS	REVISED -
PLOT DATE = 2/10/2026	DATE - 1/9/26	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

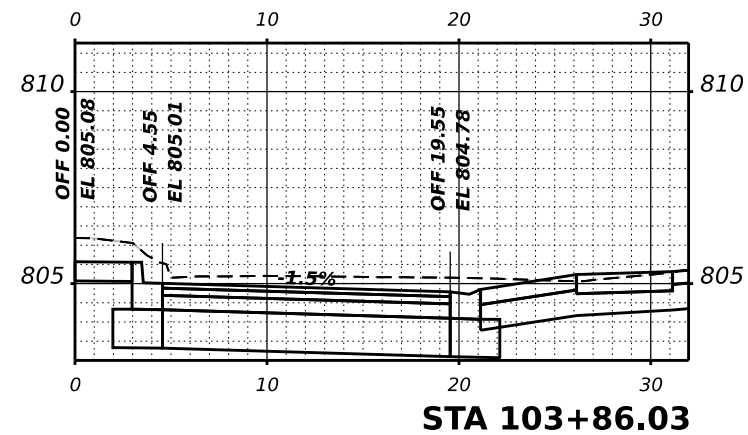
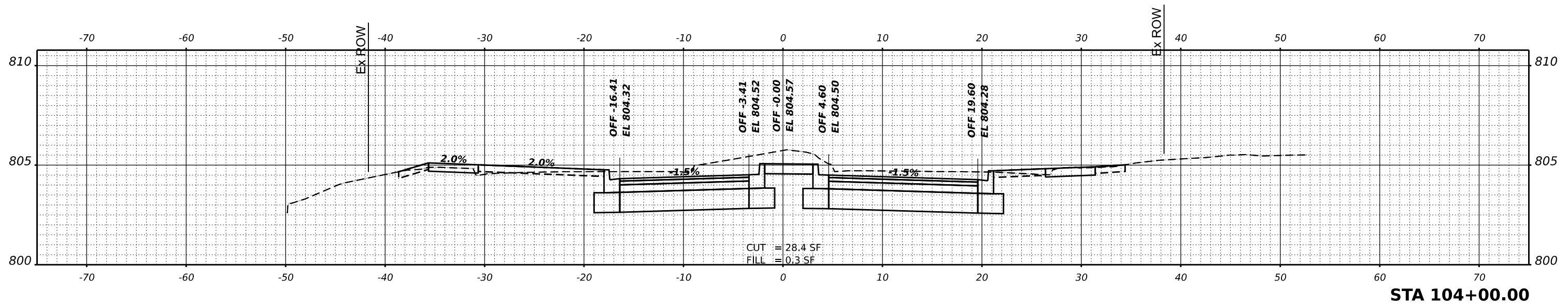
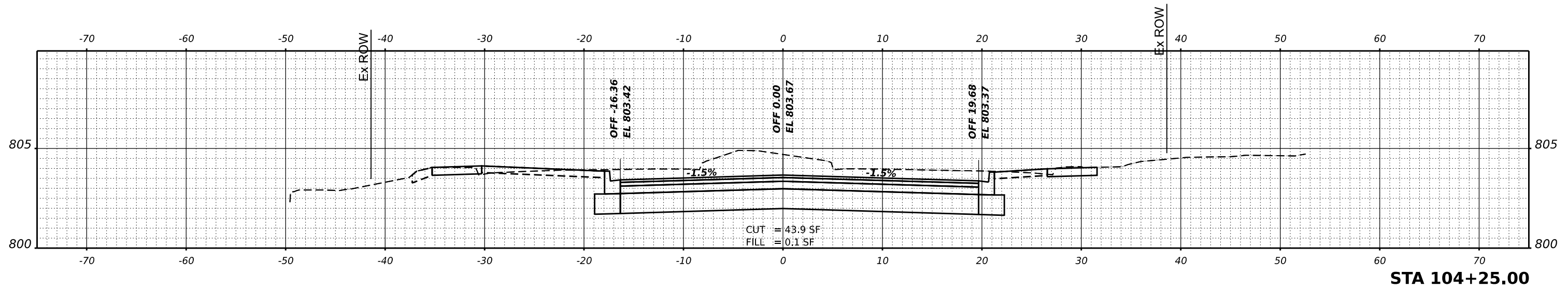
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	88
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

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USER NAME	knelms	DESIGNED	KRN	REVISED	-
		DRAWN	KRN	REVISED	-
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PLOT DATE	2/10/2026	DATE	1/9/26	REVISED	-

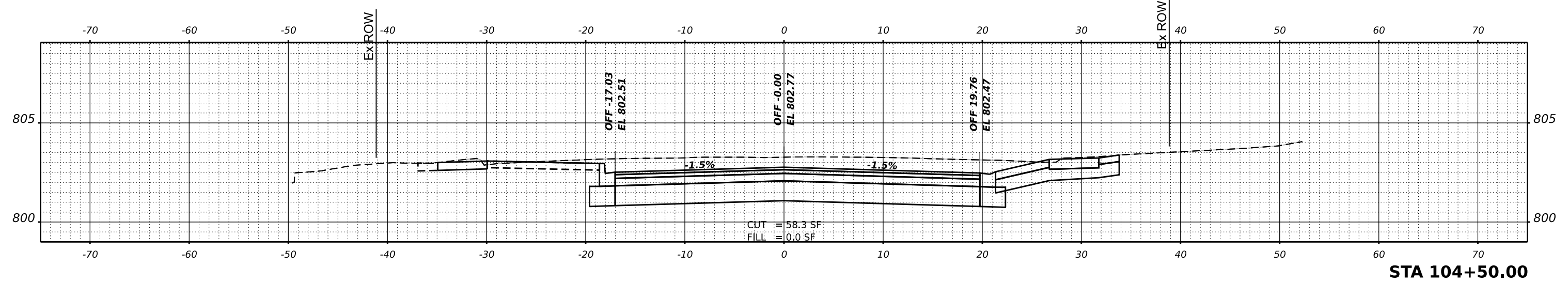
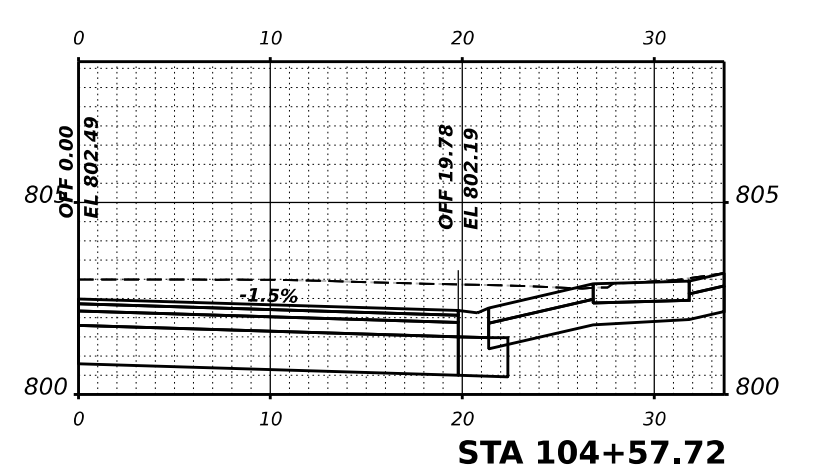
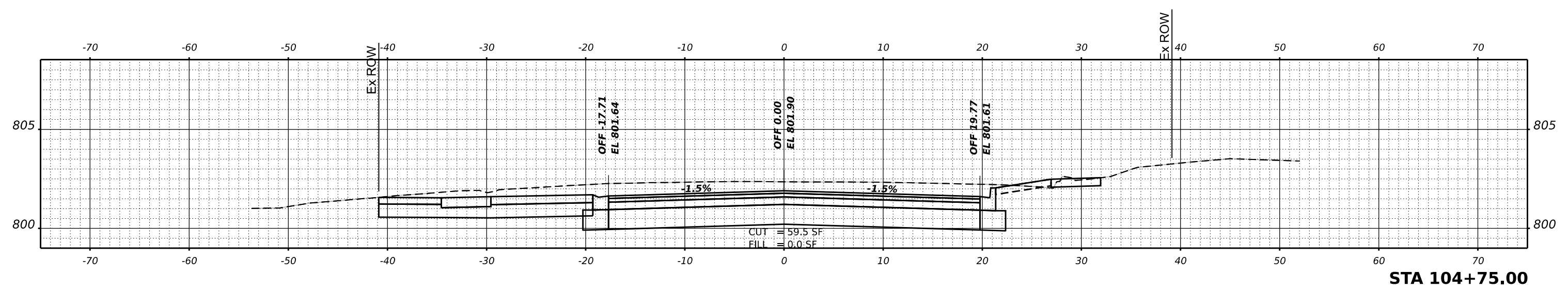
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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	97	89
				CONTRACT NO. 61M33
				ILLINOIS FED. AID PROJECT

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



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

MODEL: P:\CL\lyle - 104+50.00 - 1 (Sheet)
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USER NAME	■ kneilms	DESIGNED	- KRN	REVISED	-
PLOT SCALE	■ 0.16666667 1/in.	DRAWN	- KRN	REVISED	-
PLOT DATE	■ 2/10/2026	CHECKED	- KKS	REVISED	-
		DATE	- 1/9/26	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

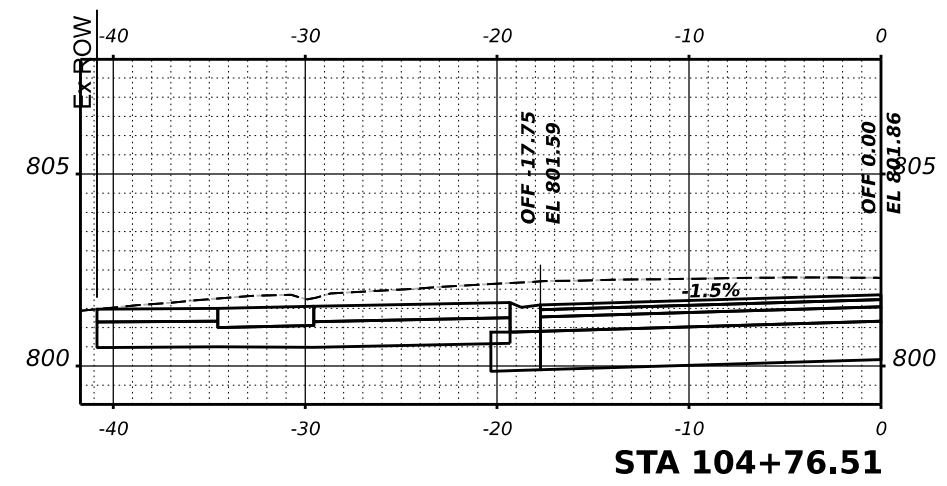
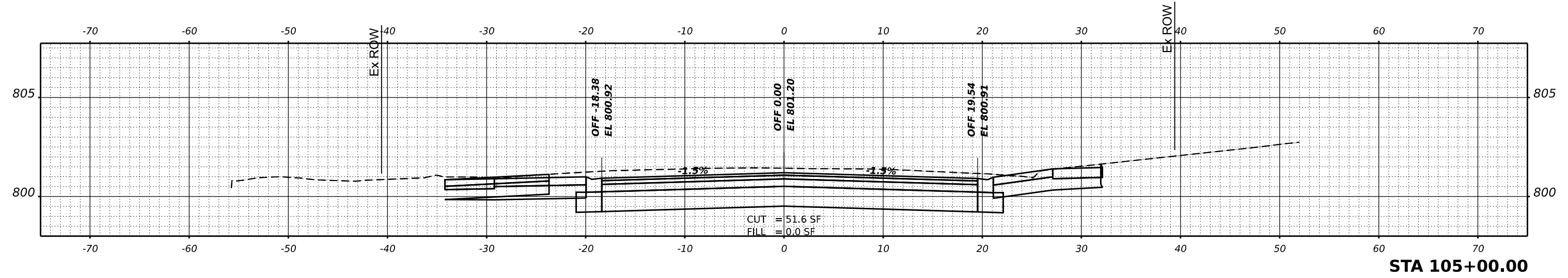
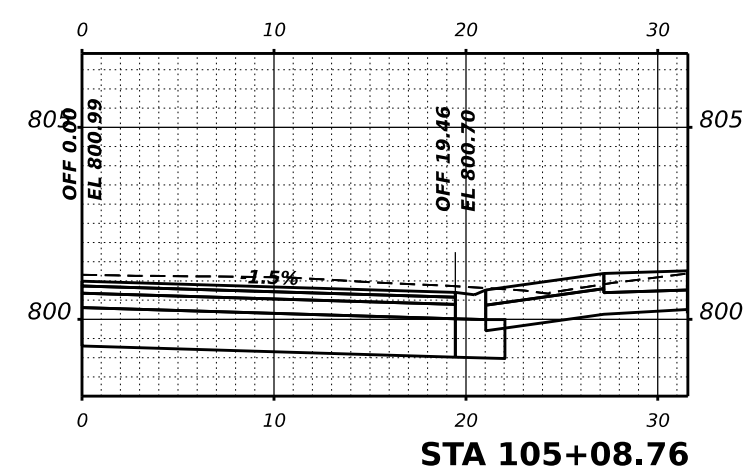
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	90
				CONTRACT NO. 61M33
				ILLINOIS FED. AID PROJECT

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

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

MODEL: P:\C\l\m - 104+76.51-1 (Sheet)
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USER NAME	■ knelms	DESIGNED	- KRN	REVISED	-
		DRAWN	- KRN	REVISED	-
PLOT SCALE	■ 0.16666667 1/in.	CHECKED	- KKS	REVISED	-
PLOT DATE	■ 2/10/2026	DATE	- 1/9/26	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

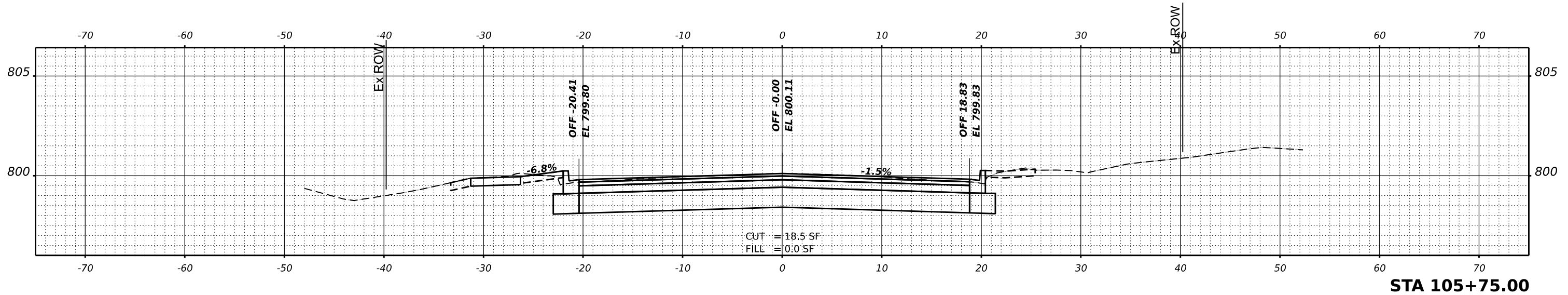
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	91
CONTRACT NO. 61M33			ILLINOIS FED. AID PROJECT	

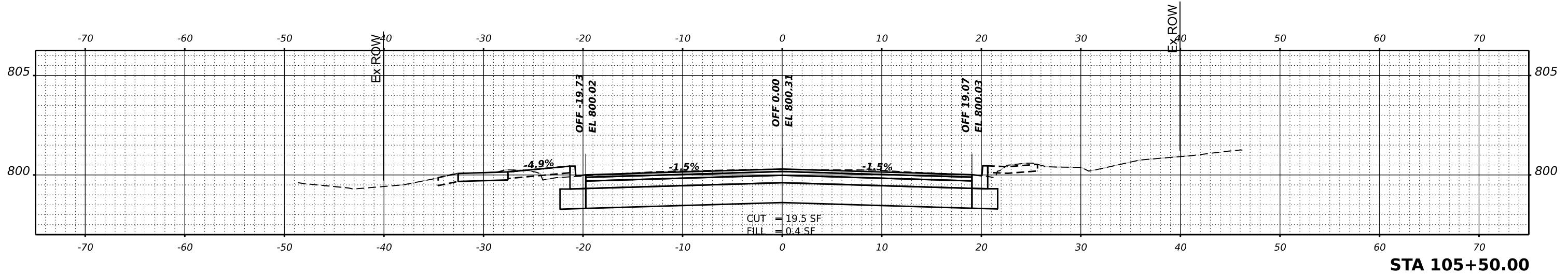
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

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

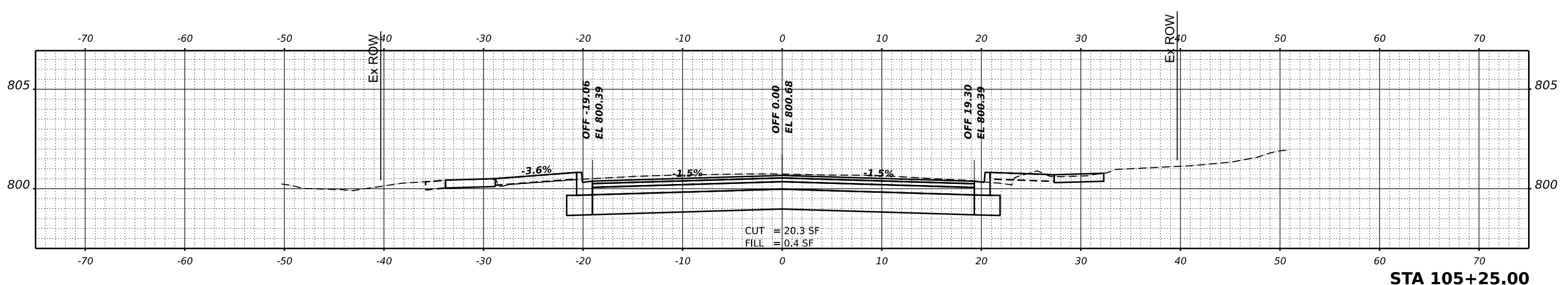
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STA 105+75.00



STA 105+50.00



STA 105+25.00

USER NAME	■ knelms	DESIGNED	- KRN	REVISED	-
PLOT SCALE	■ 0.16666667 / in.	DRAWN	- KRN	REVISED	-
PLOT DATE	■ 2/10/2026	CHECKED	- KKS	REVISED	-
		DATE	- 1/9/26	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

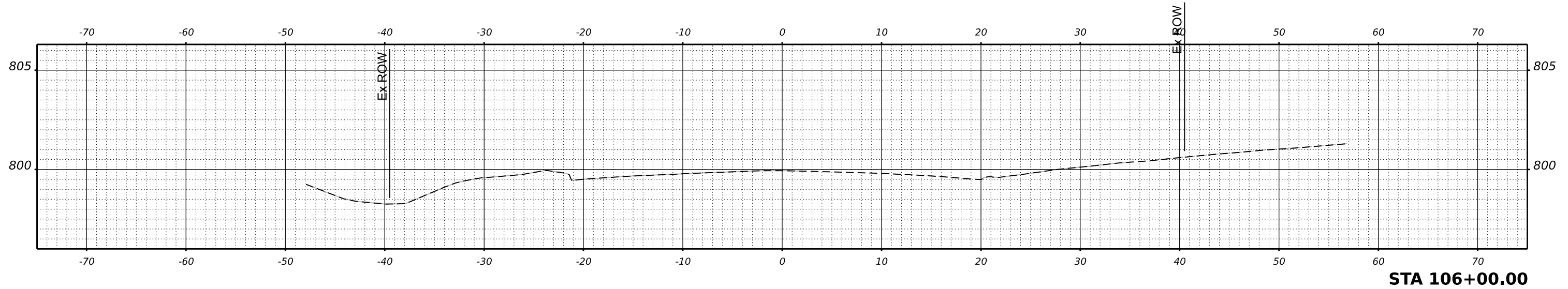
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	92
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

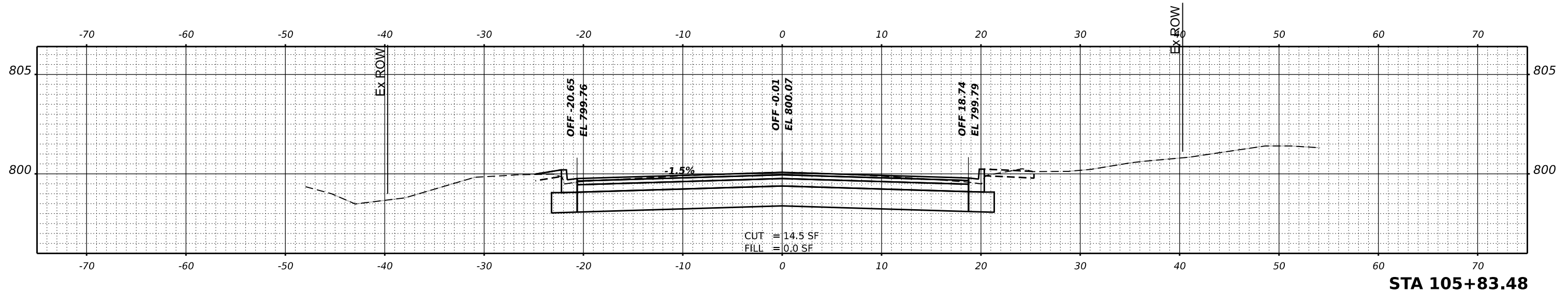
FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

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

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STA 106+00.00



STA 105+83.48

USER NAME	■ knelms	DESIGNED	- KRN	REVISED	-
PLOT SCALE	■ 0.16666667 1/in.	DRAWN	- KRN	REVISED	-
PLOT DATE	■ 2/10/2026	CHECKED	- KKS	REVISED	-
		DATE	- 1/9/26	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

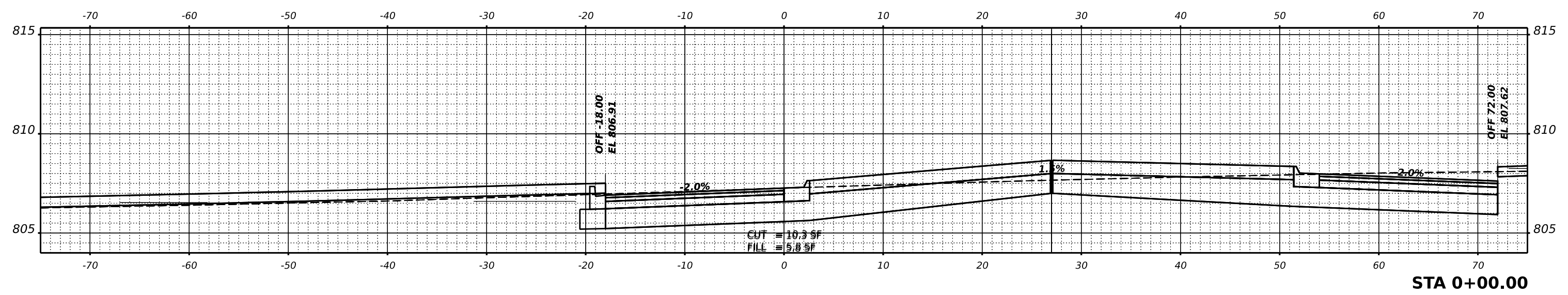
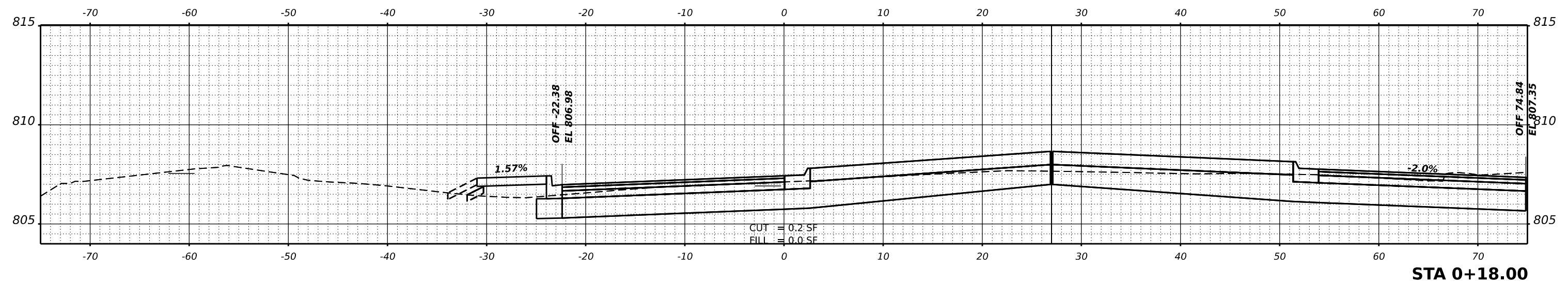
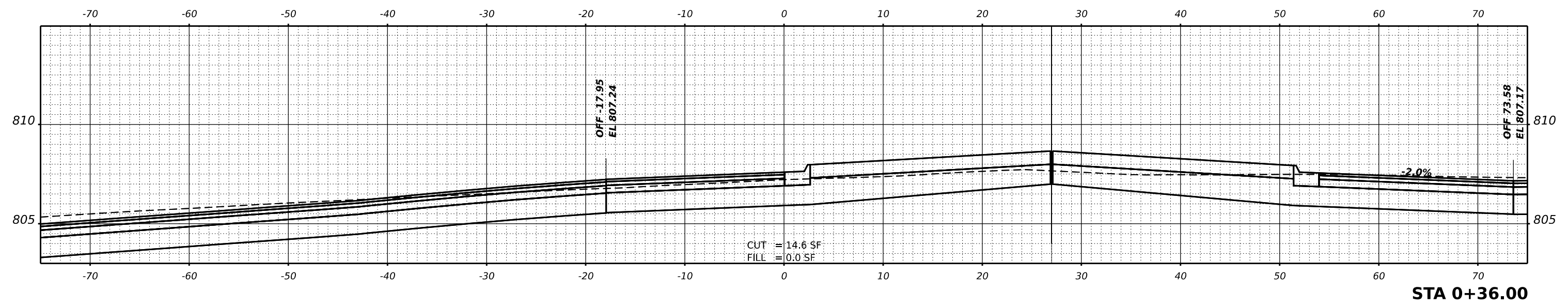
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	93
CONTRACT NO. 61M33				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME	knelms	DESIGNED	KRN	REVISED	-
		DRAWN	KRN	REVISED	-
PLOT SCALE	0.16666667 / in.	CHECKED	KKS	REVISED	-
PLOT DATE	2/10/2026	DATE	1/9/26	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

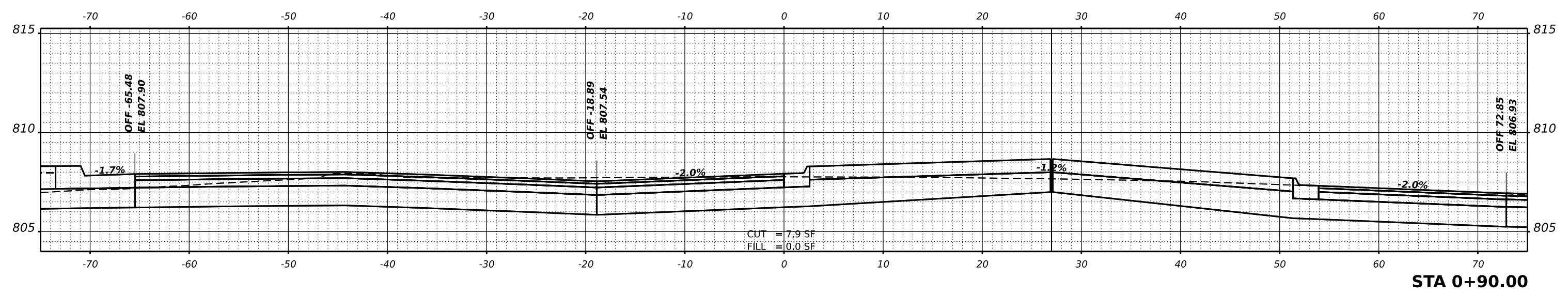
HIGHLAND AVE AT LYLE AVE ROUNDABOUT			
SCALE:	SHEET	OF SHEETS	STA.

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

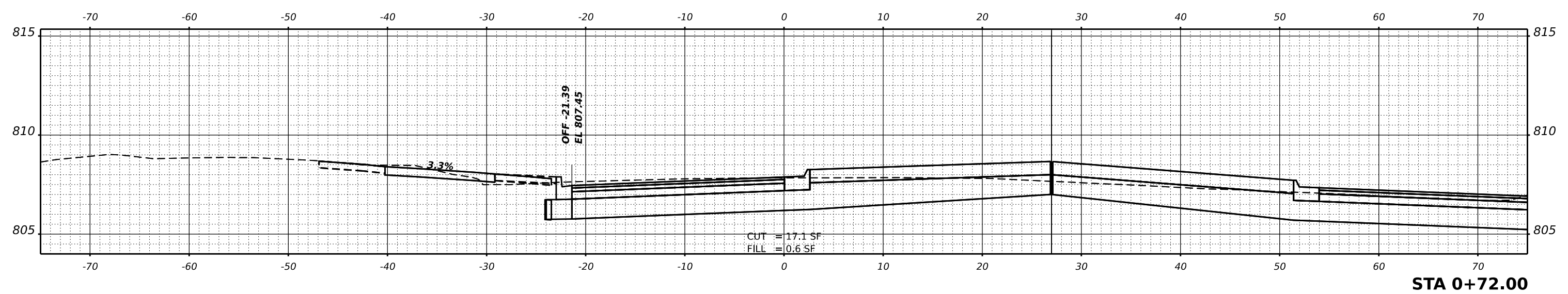
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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

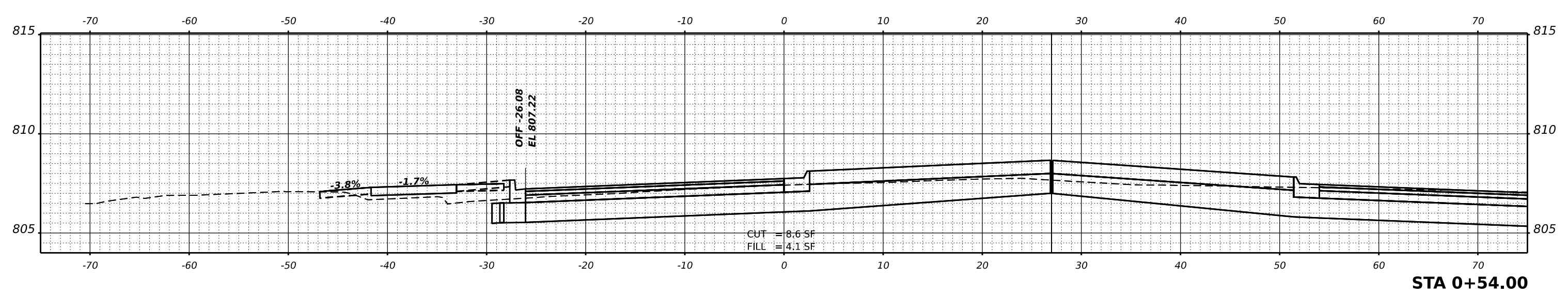
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STA 0+90.00



STA 0+72.00



STA 0+54.00

USER NAME	knelmis	DESIGNED	- KRN	REVISED	-
		DRAWN	- KRN	REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	- KKS	REVISED	-
PLOT DATE	2/10/2026	DATE	1/9/26	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

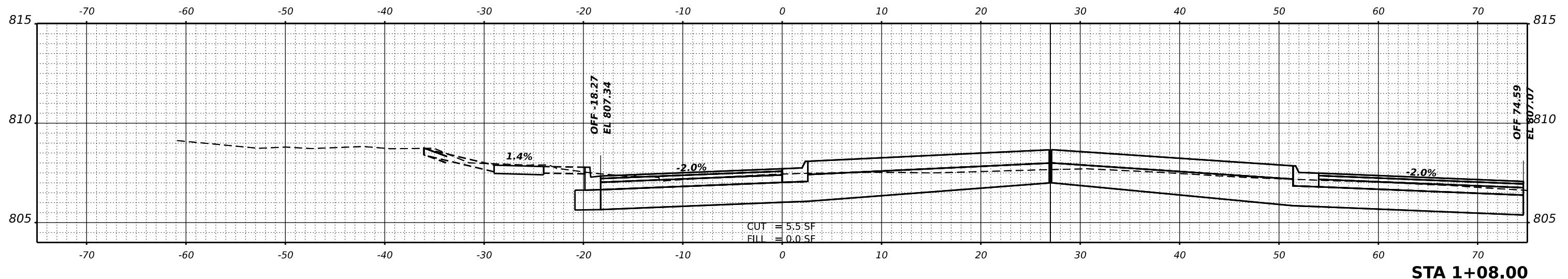
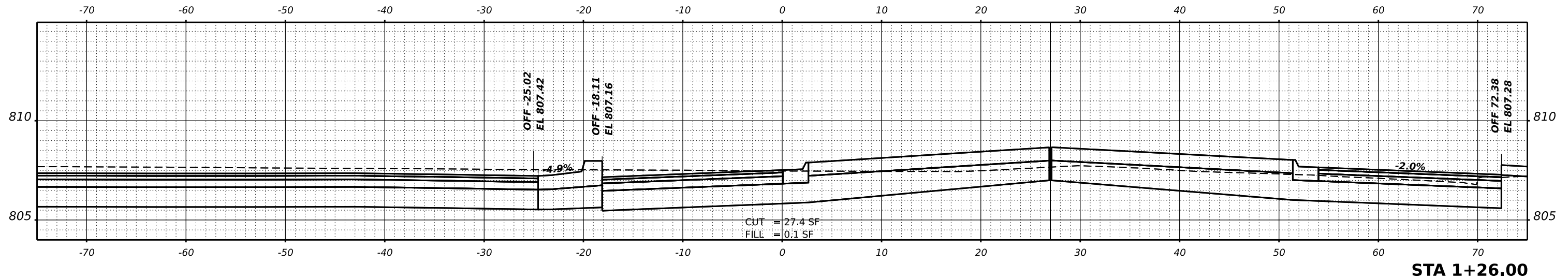
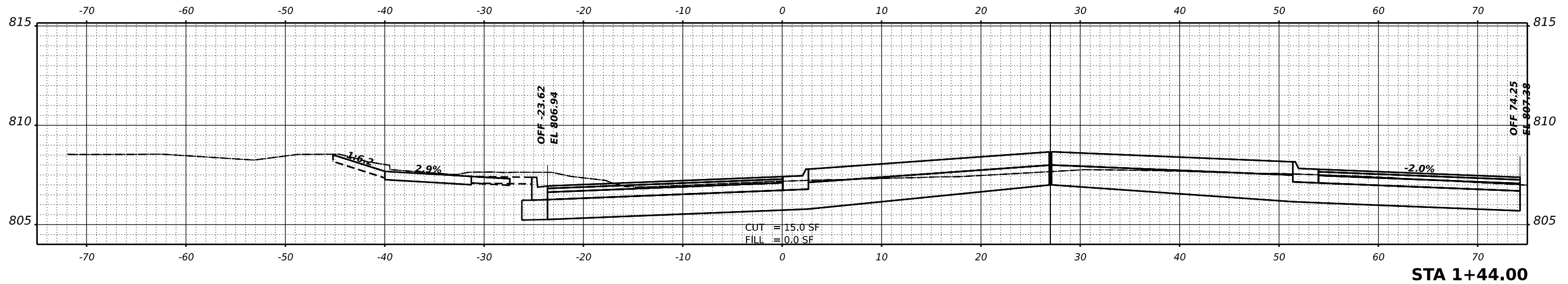
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	95
CONTRACT NO. 61M33			ILLINOIS FED. AID PROJECT	

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

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

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 FILE NAME: P:\02424683\CAD\24-00109-00-CH\Drawn\CADD_Sheets\240683-shs-roundabout.dgn



USER NAME	knelm	DESIGNED	- KRN	REVISED	-
PLOT SCALE	0.16666667 / in.	DRAWN	- KRN	REVISED	-
PLOT DATE	2/10/2026	CHECKED	- KKS	REVISED	-
		DATE	- 1/9/26	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HIGHLAND AVE AT LYLE AVE ROUNDABOUT

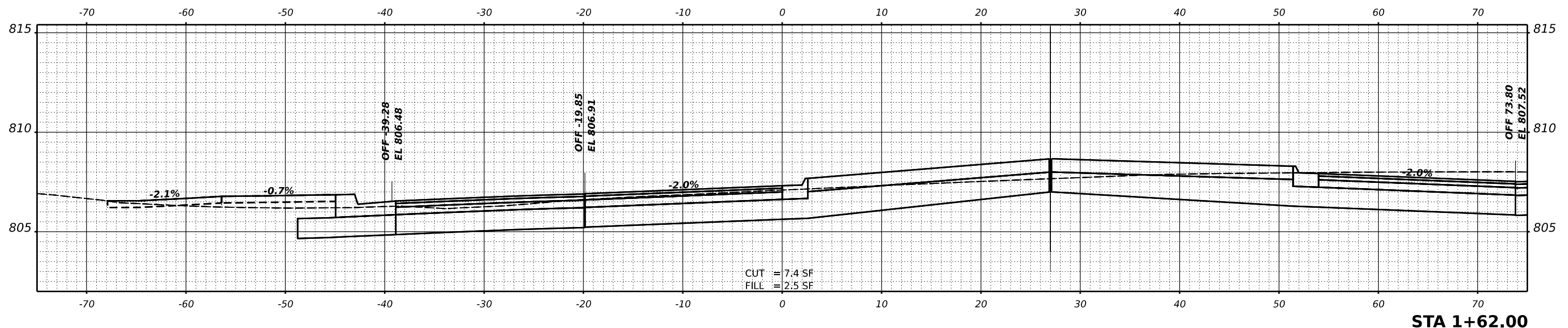
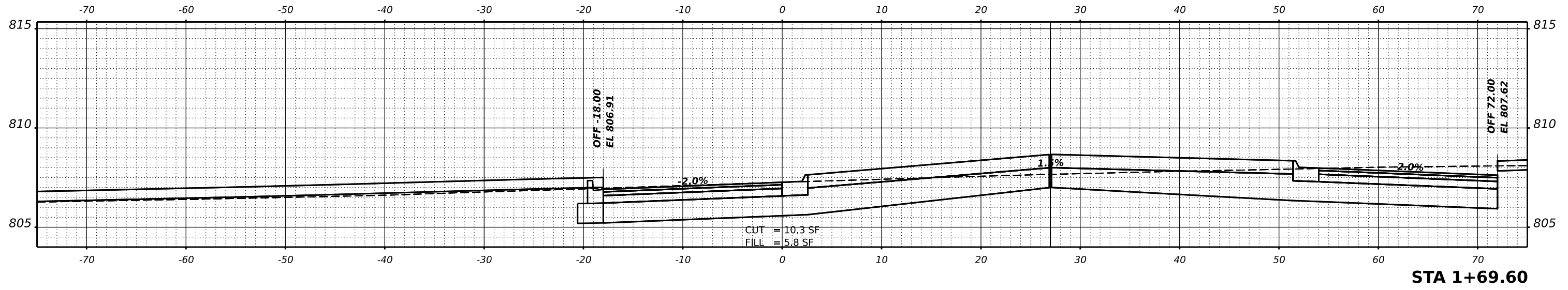
SCALE: SHEET OF SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1308	24-00109-00-CH	KANE	97	96
			CONTRACT NO. 61M33	
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Unnamed Cross Section - 1+62.00 [Sheet]
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USER NAME	= knelms	DESIGNED	- KRN	REVISED	-
		DRAWN	- KRN	REVISED	-
PLOT SCALE	= 0.16666667 / in.	CHECKED	- KKS	REVISED	-
PLOT DATE	= 2/10/2026	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	97	97
				CONTRACT NO. 61M33
				ILLINOIS FED. AID PROJECT