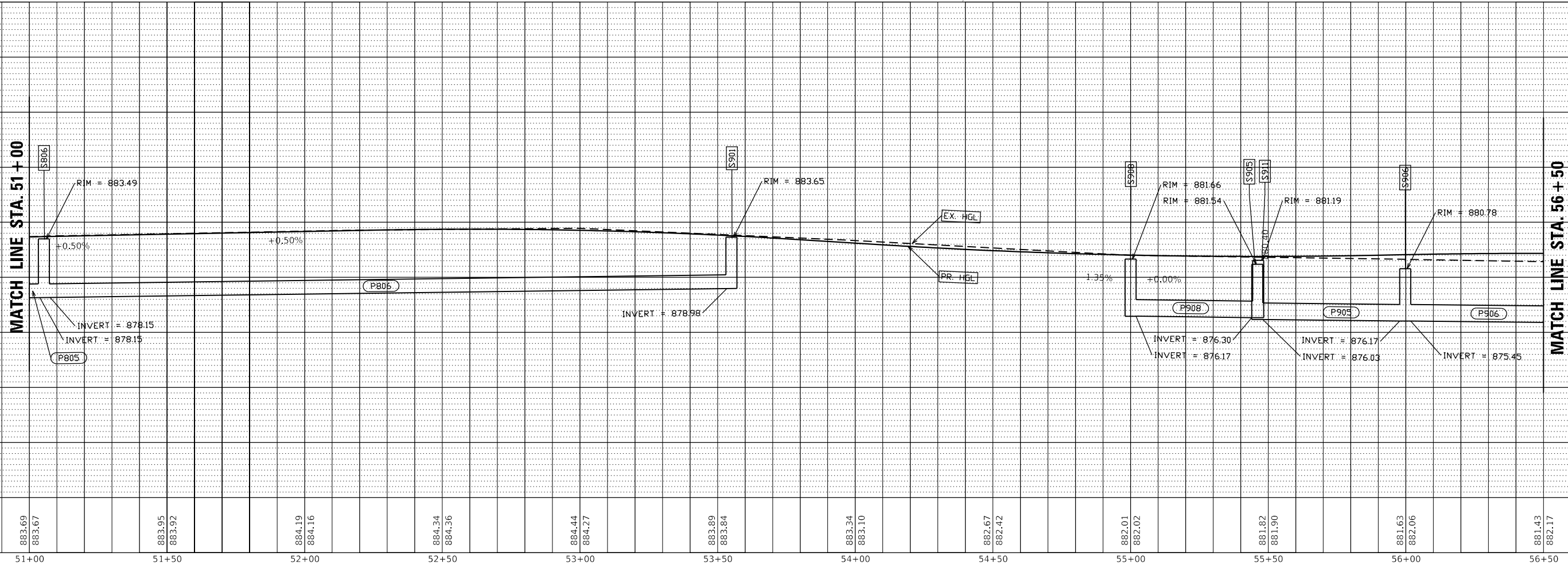
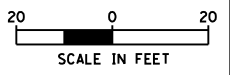
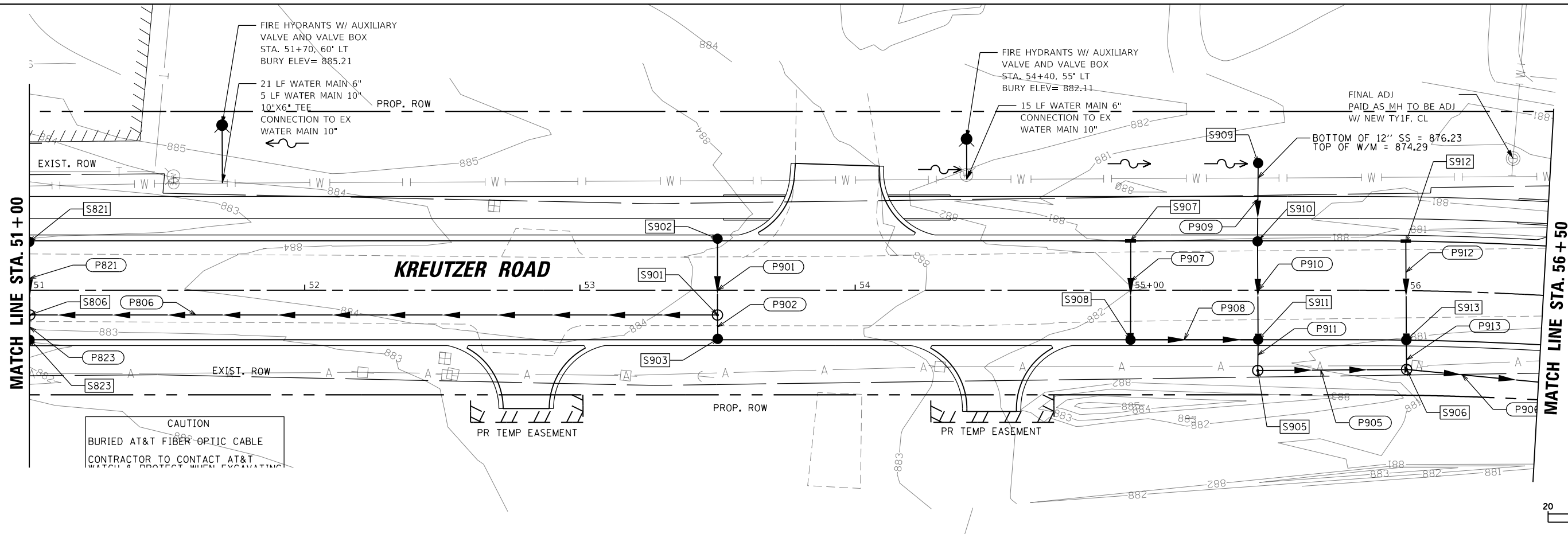


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	PLOTTED	BY
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DRAWN	- XS	REVISION	-	REVISION	-
PLOT SCALE	= 40.0000' / in.	CHECKED	- JOC	REVISION	-
PLOT DATE	= 10/14/2025	DATE	- 3/03/2025	REVISION	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

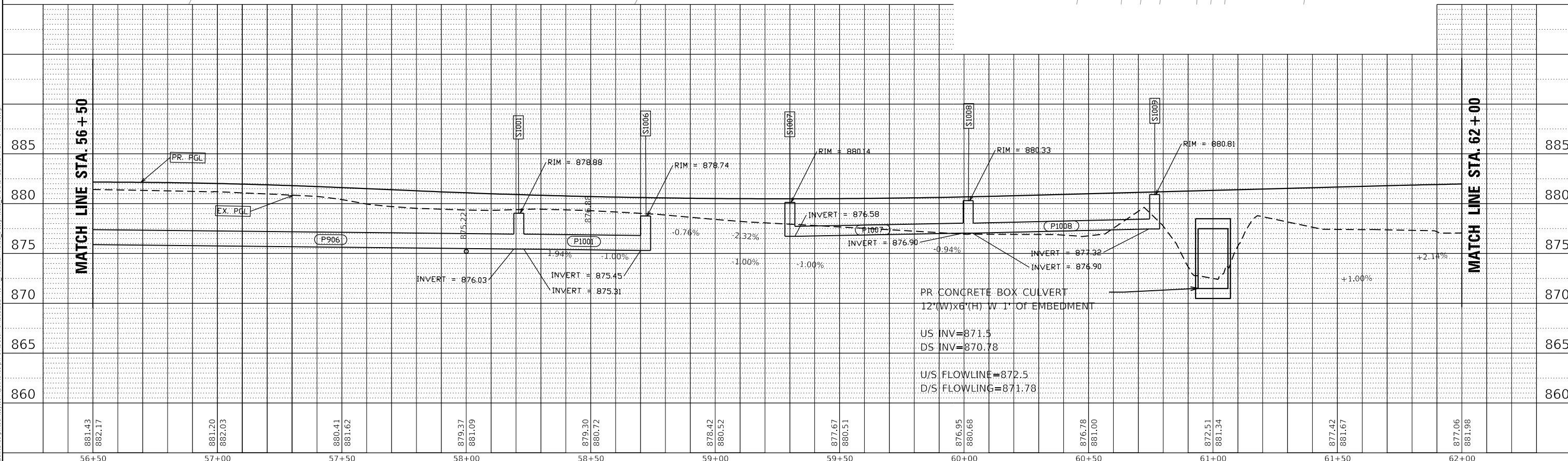
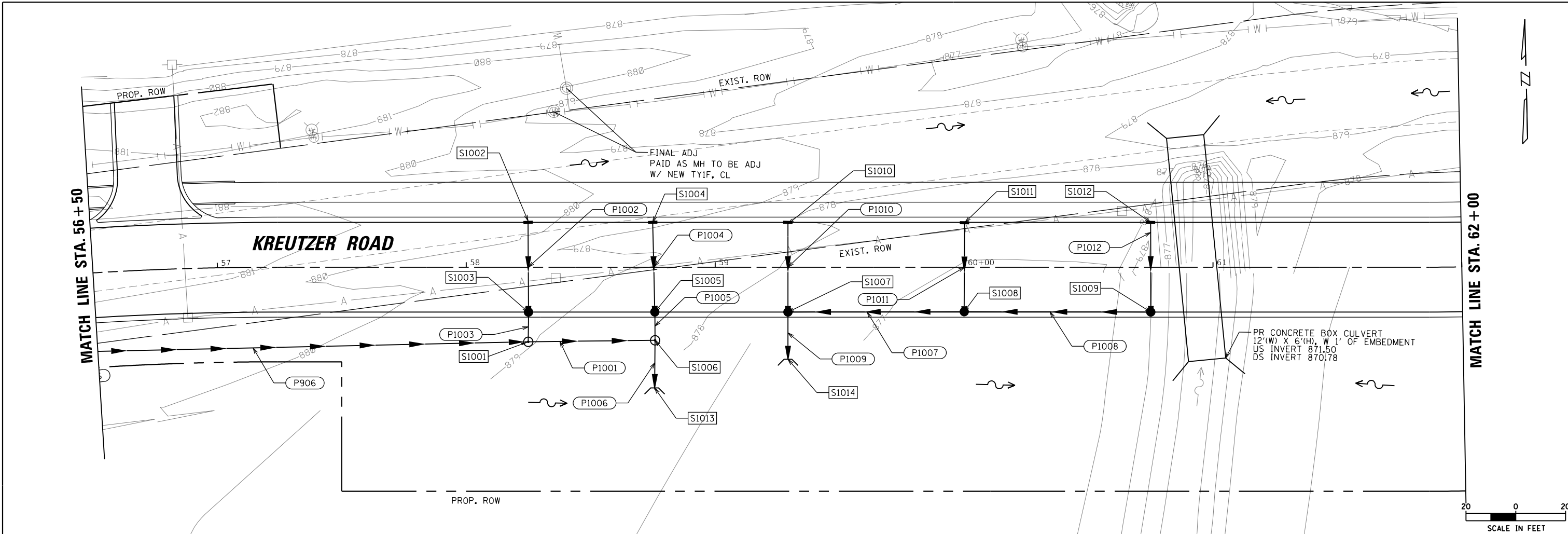
**KREUTZER ROAD
 PROPOSED DRAINAGE PLAN AND PROFILE**

SCALE: 1"=20' SHEET 9 OF 13 SHEETS STA. 51+00 TO STA. 56+50

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	SN 20-00050-00-PV	KANE	343	201
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
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 SHEET: 10 OF 13

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56+50	57+00	57+50	58+00	58+50	59+00	59+50	60+00	60+50	61+00	61+50	62+00

USER NAME = BW001	DESIGNED - EMB	REVISED -
DRAWN - XS	REVISOR -	REVISOR -
PLLOT SCALE = 40.0000' / in.	CHECKED - JOC	REVISOR -
PLLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISOR -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
 PROPOSED DRAINAGE PLAN AND PROFILE

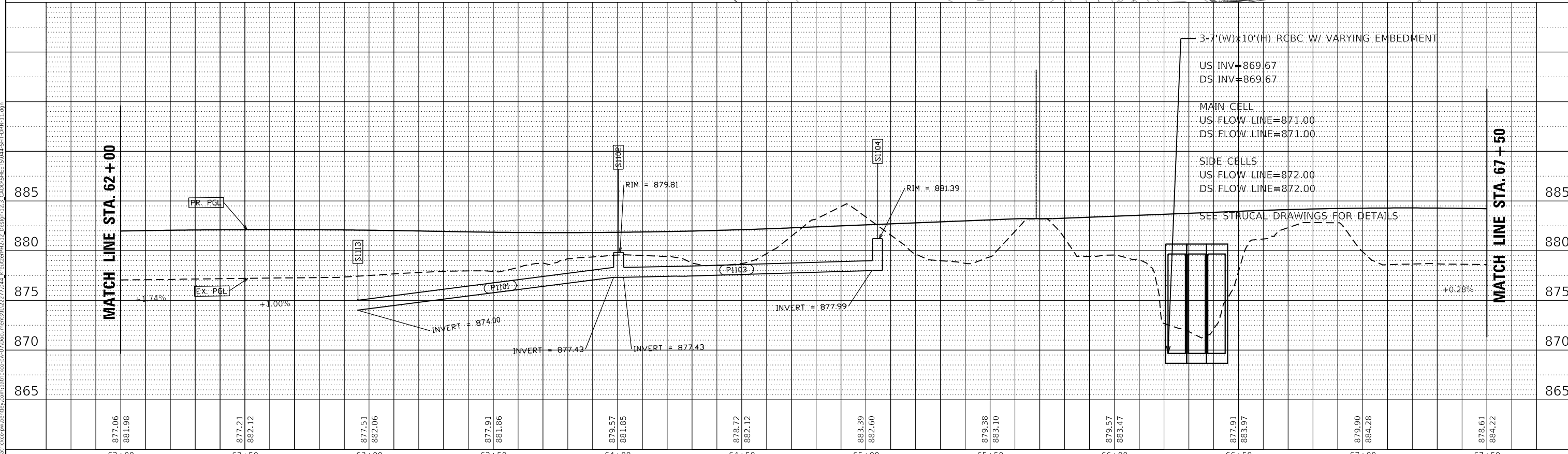
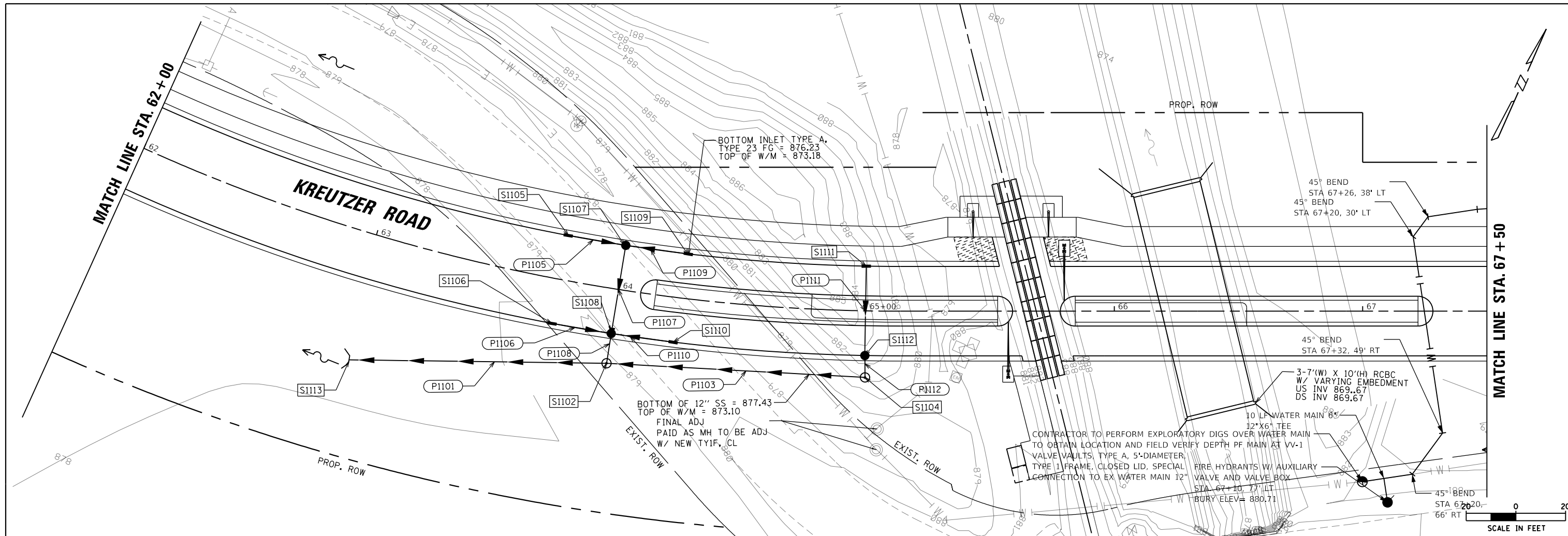
SCALE: 1"=20' SHEET 10 OF 13 SHEETS STA. 56+50 TO STA. 62+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	SN 20-00050-00-PV	KANE	343	202
CONTRACT NO. 61L48				

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
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	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRANDS	
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	BY	



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PLOT DATE =	10/14/2025	DATE -	3/03/2025	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

KREUTZER ROAD PROPOSED DRAINAGE PLAN AND PROFILE			
SCALE: 1"=20'	SHEET 11	OF 13 SHEETS	STA. 62+00 TO STA. 67+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	SN 20-00050-00-PV	KANE	343	203
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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	FILE NAME	

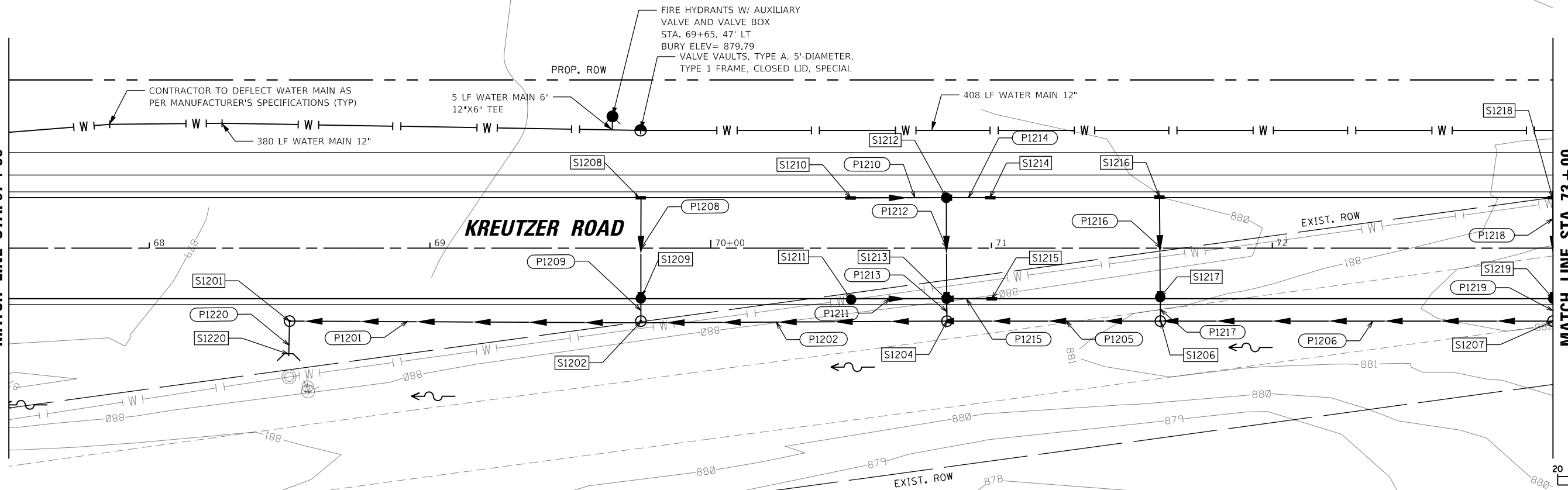
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	PLOTTED	
	GRADES	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

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MATCH LINE STA. 67+50

MATCH LINE STA. 67+50

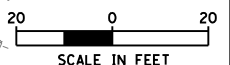
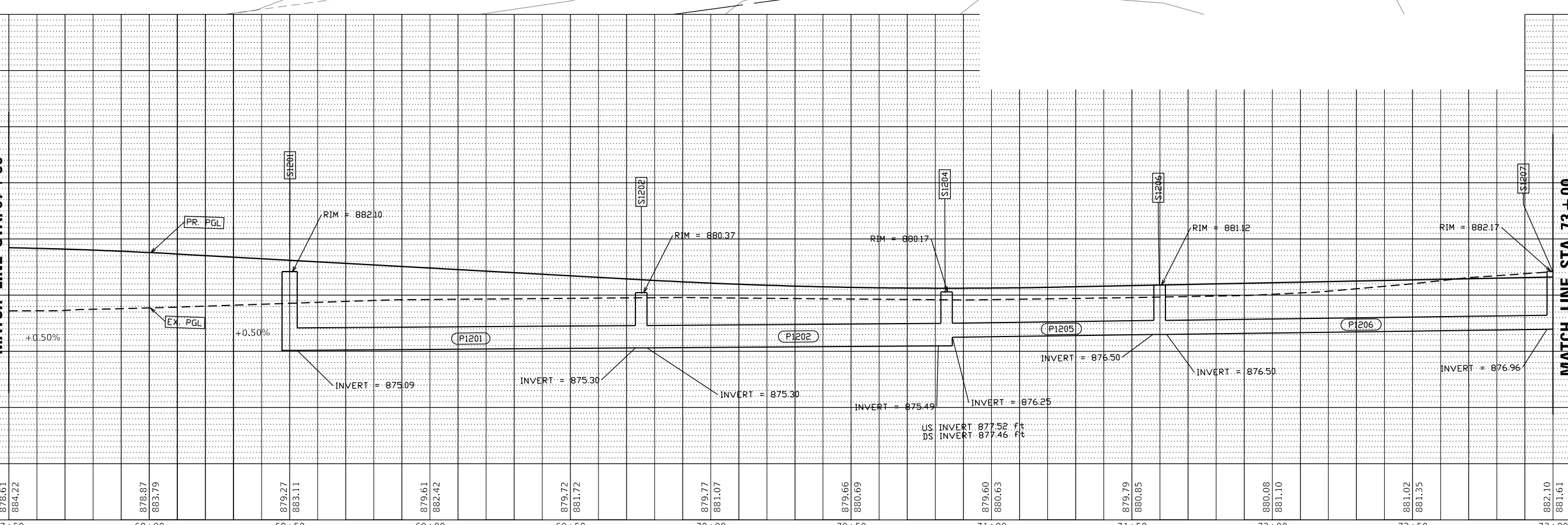
67+50



MATCH LINE STA. 73+00

MATCH LINE STA. 73+00

73+00



USER NAME = BW001	DESIGNED - EMB	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - XS	REVISED -
PLOT DATE = 10/14/2025	CHECKED - JOC	REVISED -
	DATE - 3/03/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

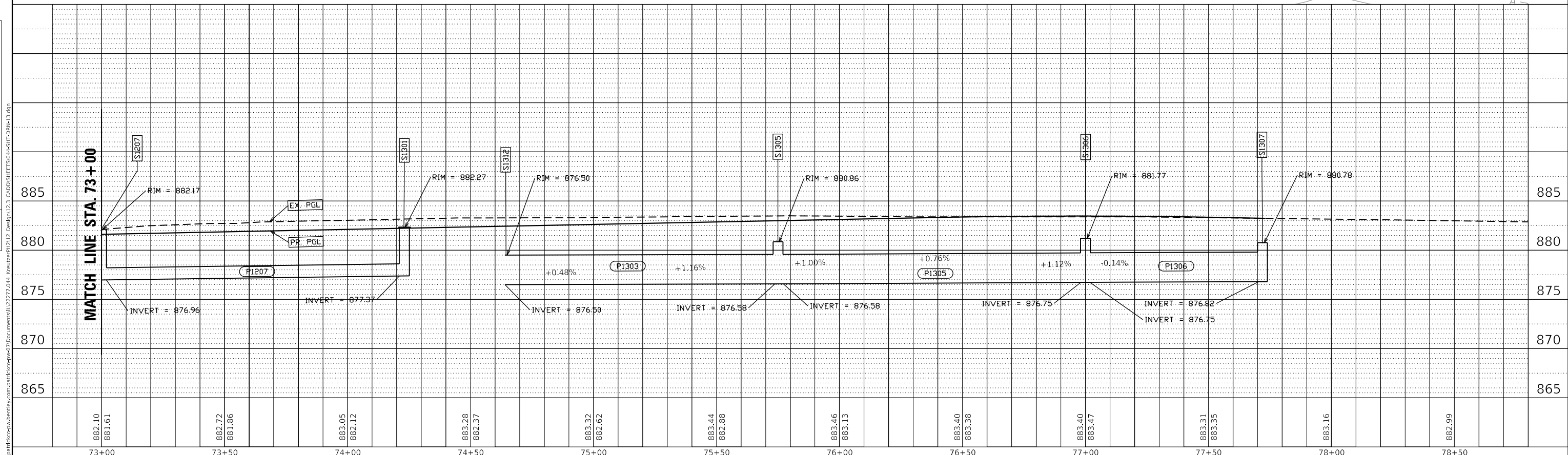
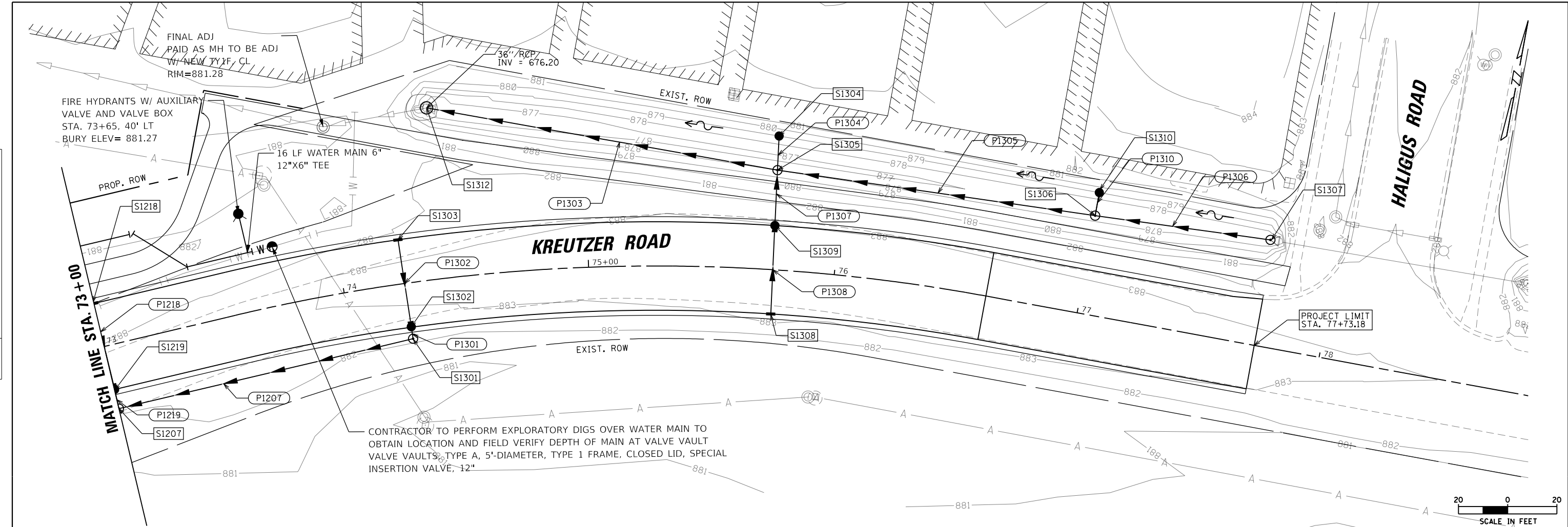
KREUTZER ROAD
 PROPOSED DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 12 OF 13 SHEETS STA. 67+50 TO STA. 73+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	SN 20-00050-00-PV	KANE	343	204
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRANDS	
	CHECKED	
	BY	
	NO.	
	FILE NAME	



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73+00	73+50	74+00	74+50	75+00	75+50	76+00	76+50	77+00	77+50	78+00	78+50										

USER NAME = BW001	DESIGNED - EMB	REVISED -
	DRAWN - XS	REVISED -
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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

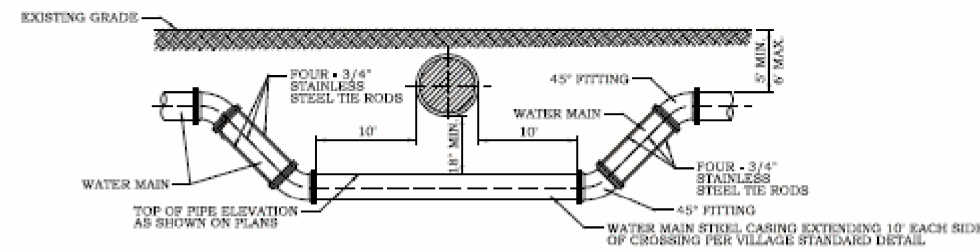
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
PROPOSED DRAINAGE PLAN AND PROFILE**

SCALE: 1"=20' SHEET 13 OF 13 SHEETS STA. 73+00 TO STA. 78+50

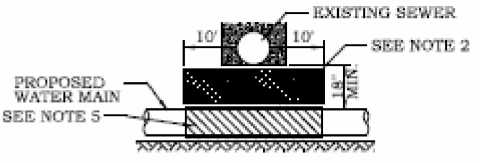
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2259	SN 20-00050-00-PV	KANE	343	205
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

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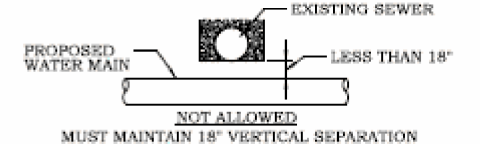


PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM SEPARATION.

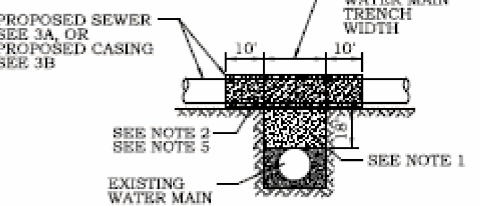
- NOTES:**
1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE.
 2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
 3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
 4. CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.
 5. USE STEEL CASING WITH PROPOSED WATER MAIN AND SEAL ENDS OF THE CASING.



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



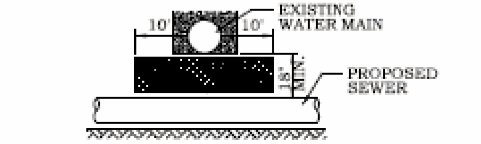
EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH 18" MINIMUM SEPARATION.



- NOTES:**
1. IF SELECT GRANULAR BACKFILL EXISTS; REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
 2. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF WATER MAIN.
 - 3A. CONSTRUCT PROPOSED SEWER WITH WATER MAIN QUALITY PIPE AND PRESSURE TEST, OR
 - 3B. USE STEEL CASING WITH PROPOSED SEWER AND SEAL ENDS OF CASING.
 4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN.
 5. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.
 6. CLASS IV MATERIAL TO BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.

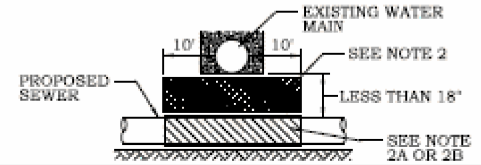
PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH 18" MINIMUM SEPARATION.

- NOTES:**
1. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.
 2. MAINTAIN 18" MINIMUM VERTICAL SEPARATION FOR 10 FEET HORIZONTALLY.

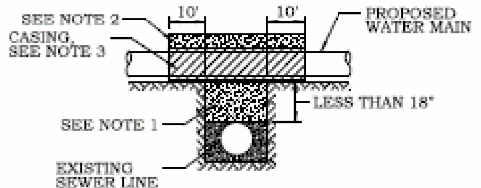


PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH LESS THAN 18" MINIMUM SEPARATION.

- NOTES:**
1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF WATER MAIN.
 - 2A. CONSTRUCT PROPOSED SEWER WITH WATER MAIN QUALITY PIPE AND PRESSURE TEST, OR
 - 2B. USE STEEL CASING WITH PROPOSED SEWER AND SEAL ENDS OF CASING.
 3. POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN.
 4. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
 5. CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.



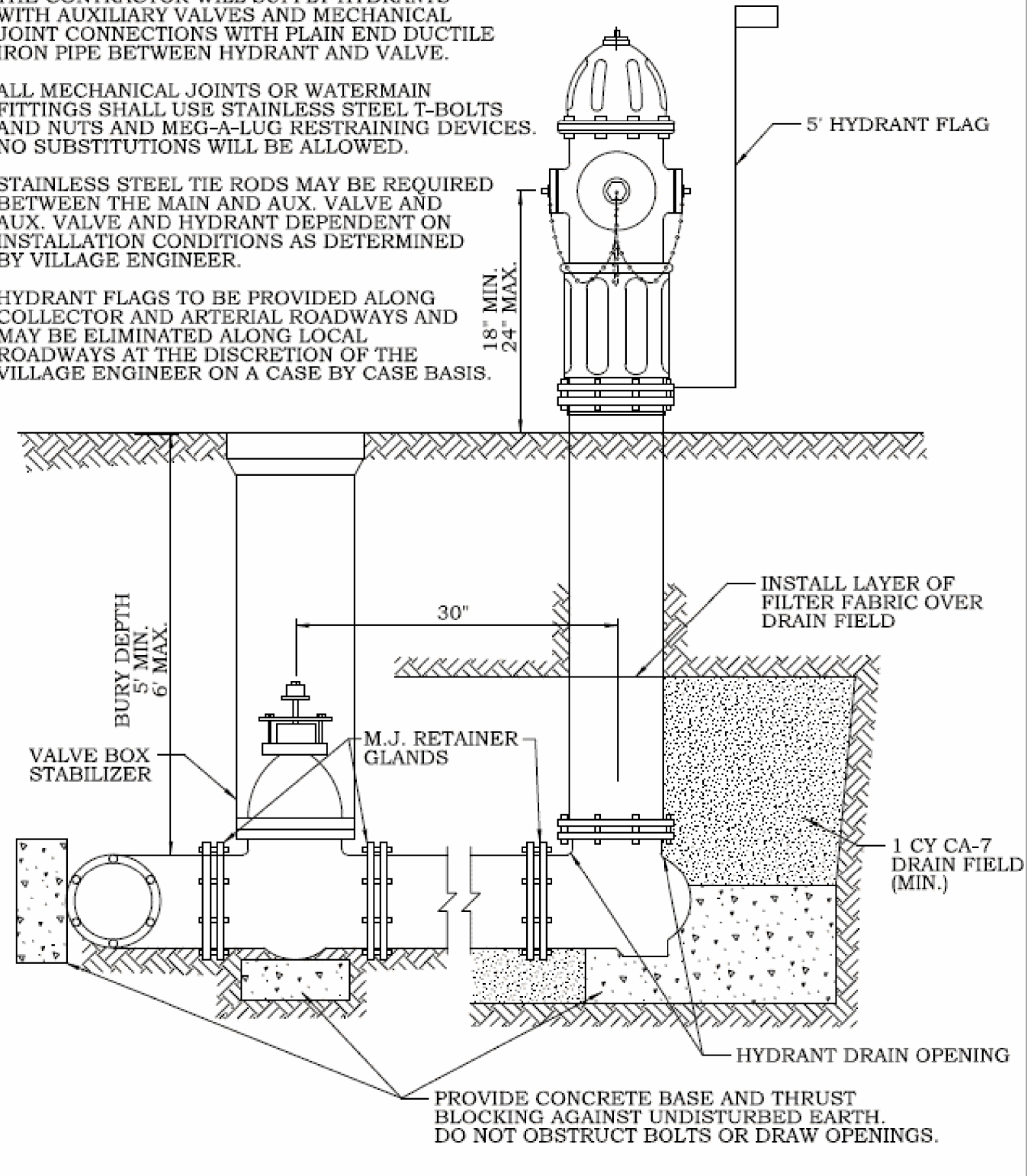
PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" MINIMUM SEPARATION.



- NOTES:**
1. IF SELECT GRANULAR BACKFILL EXISTS; REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
 2. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE.
 3. USE A STEEL CASING FOR PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
 4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN AND SEWER.
 5. CLASS IV MATERIAL TO BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.

NOTES

1. THE CONTRACTOR WILL SUPPLY HYDRANTS WITH AUXILIARY VALVES AND MECHANICAL JOINT CONNECTIONS WITH PLAIN END DUCTILE IRON PIPE BETWEEN HYDRANT AND VALVE.
2. ALL MECHANICAL JOINTS OR WATERMAIN FITTINGS SHALL USE STAINLESS STEEL T-BOLTS AND NUTS AND MEG-A-LUG RESTRAINING DEVICES. NO SUBSTITUTIONS WILL BE ALLOWED.
3. STAINLESS STEEL TIE RODS MAY BE REQUIRED BETWEEN THE MAIN AND AUX. VALVE AND AUX. VALVE AND HYDRANT DEPENDENT ON INSTALLATION CONDITIONS AS DETERMINED BY VILLAGE ENGINEER.
4. HYDRANT FLAGS TO BE PROVIDED ALONG COLLECTOR AND ARTERIAL ROADWAYS AND MAY BE ELIMINATED ALONG LOCAL ROADWAYS AT THE DISCRETION OF THE VILLAGE ENGINEER ON A CASE BY CASE BASIS.



VILLAGE OF HUNTLEY
 10987 MAIN STREET
 HUNTLEY, IL 60142
 (817) 669-4450

SEWER AND WATER SEPARATION REQUIREMENTS		
SCALE: NTS	DRAWN/CHECKED: CBBEL/TPF	DRAWING NUMBER: UTL-2
DATE: 1/1/2016	REVISIONS: 3/9/2021	

VILLAGE OF HUNTLEY
 10987 MAIN STREET
 HUNTLEY, IL 60142
 (847) 515-5200

FIRE HYDRANT INSTALL		
SCALE: NTS	DRAWN/CHECKED: CBBEL/TPF	DRAWING NUMBER: WAT-1
DATE: 1/1/2016	REVISIONS: 3/9/2021	

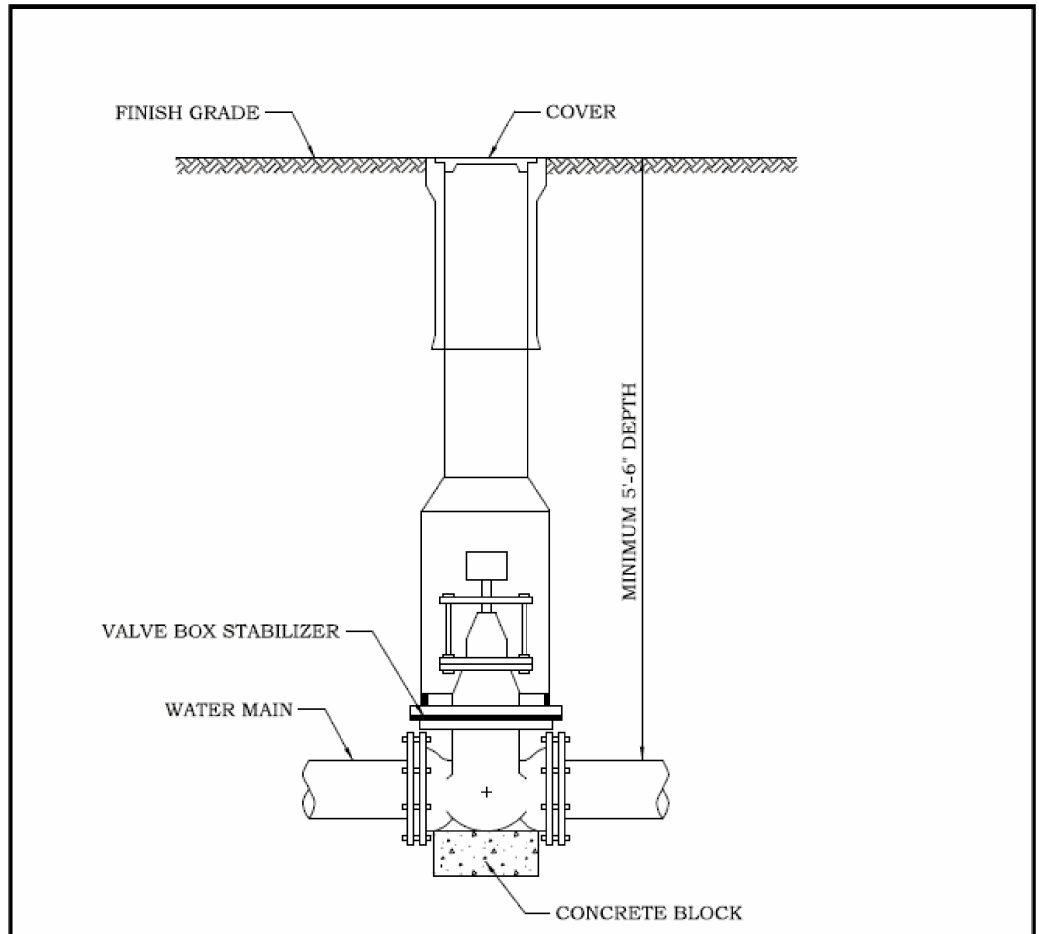
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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE = 3/03/2025	REVISED -


STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

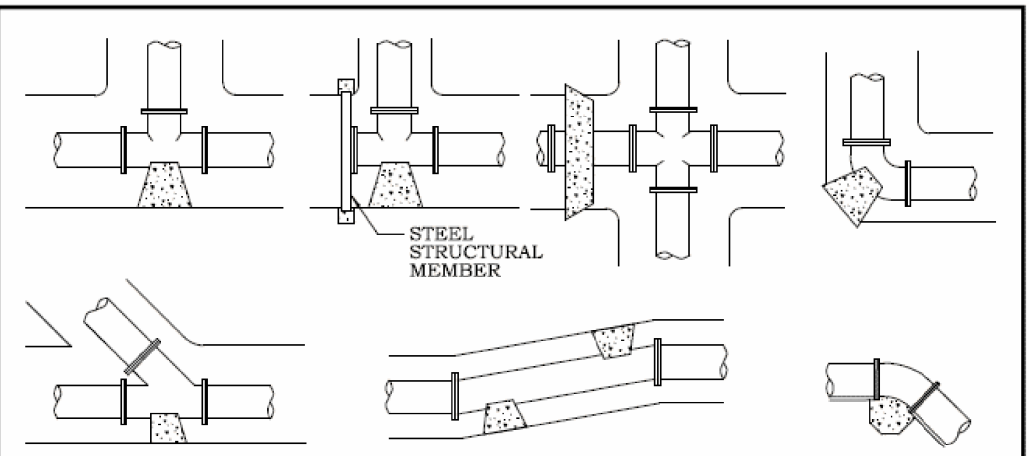
KREUTZER ROAD WATERMAIN DETAILS			
SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. TO STA.	

F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	SN 20-00050-00-PV	KANE	343	206
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. ALL VALVES 2½" THRU 8" SHALL BE PLACED IN A VALVE BOX, UNLESS APPROVED BY THE VILLAGE ENGINEER.
 2. ALL VALVES 10" OR LARGER SHALL BE PLACED IN A VALVE VAULT.
 3. ALL VALVES REGARDLESS OF SIZE LOCATED WITHIN PAVEMENT LIMITS SHALL BE PLACED IN A VALVE VAULT.


 VILLAGE OF HUNTLEY 10987 MAIN STREET HUNTLEY, IL 60142 (847) 515-5200	VALVE BOX INSTALLATION	
	SCALE: NTS	DRAWN/CHECKED: CBBEL/TPF
	DATE: 1/1/2016	REVISED: 3/9/2021
		DRAWING NUMBER WAT-4



BEARING AREA (SQ. FT.)

PIPE SIZE	TEE/PLUG	90 DEG.	45 DEG.	22½°	11¼°
6	4	2	1	1	1
8	6	4	3	1	1
10	7	5	3	2	1
12	8	6	4	3	2
14	12	9	6	4	3
16	15	12	7	5	3
18	18	15	9	5	4
24	40	30	15	10	5

- NOTES:**
1. ALL BLOCKING SHALL BE POURED CONCRETE AGAINST UNDISTURBED EARTH.
 2. ALL BENDS OR ELBOWS GREATER THAN 11¼° SHALL HAVE THRUST BLOCKING.
 3. IN ADDITION TO THRUST BLOCKING, ALL MECHANICAL JOINTS, BENDS OVER 11¼° AND FIRE HYDRANTS SHALL HAVE "MEGA LUG" JOINT RESTRAINTS AND STAINLESS STEEL BOLTS AND NUTS.
 4. ALL PUSH ON JOINTS A MINIMUM DISTANCE OF TWO JOINTS ON EITHER SIDE OF ALL WATERMAIN FITTINGS SHALL BE RESTRAINED BY THE USE OF JOINT RESTRAINTS MEETING THE VILLAGE'S APPROVED MATERIAL LIST.

 VILLAGE OF HUNTLEY 10987 MAIN STREET HUNTLEY, IL 60142 (847) 515-5200	WATER MAIN THRUST BLOCKING	
	SCALE: NTS	DRAWN/CHECKED: CBBEL/TPF
	DATE: 1/1/2016	REVISED: 3/9/2021
		DRAWING NUMBER WAT-7

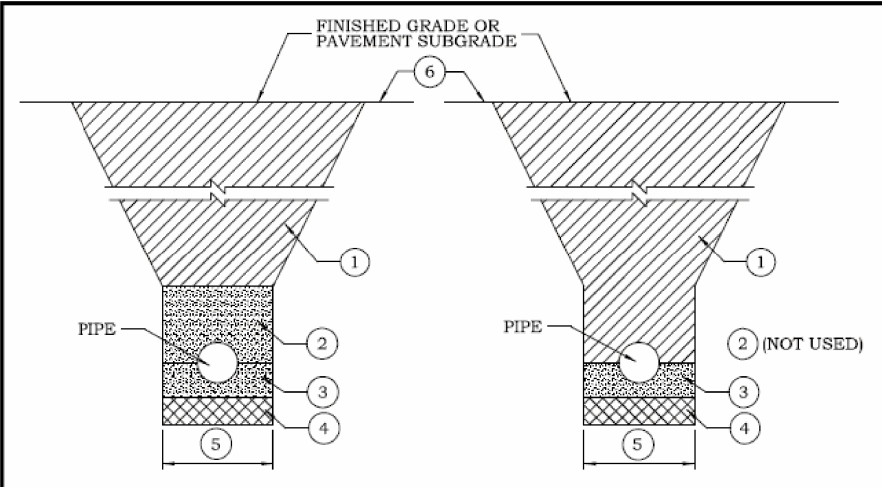
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USER NAME = BW001	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KREUTZER ROAD WATERMAIN DETAILS			
SCALE: NTS	SHEET 1 OF 1 SHEETS	STA.	TO STA.

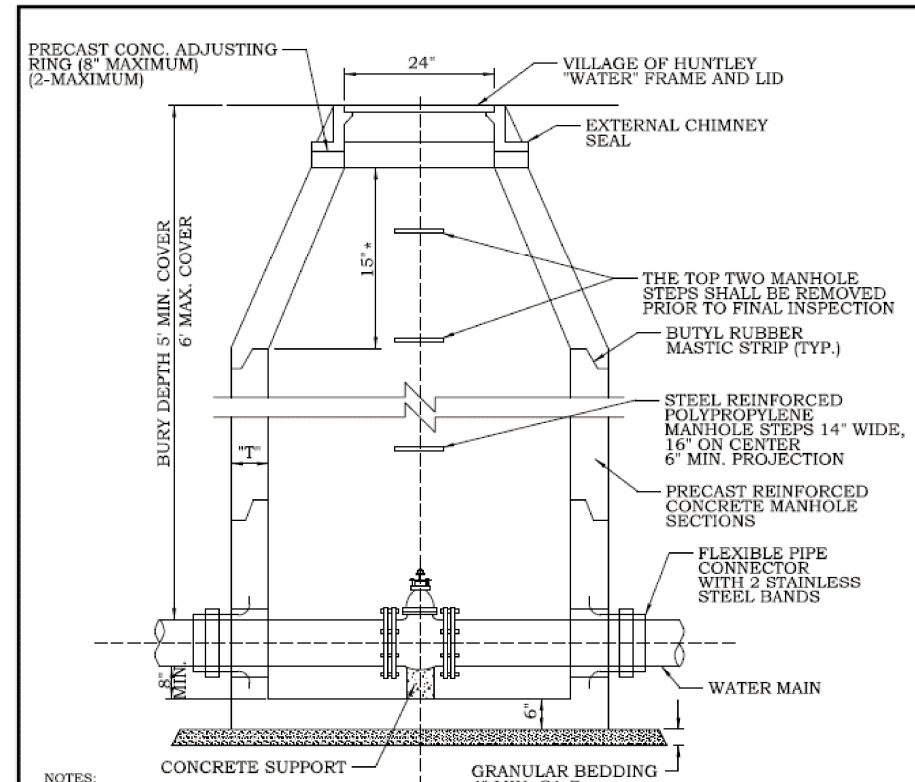
F.A.U. RTE. 2259	SECTION SN 20-00050-00-PV	COUNTY KANE	TOTAL SHEETS 343	SHEET NO. 207
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



WATER MAIN (PVC, DIP)
 FORCE MAIN (PVC)
 SANITARY SEWER (PVC, DIP)
 STORM SEWER (NON-RCP)

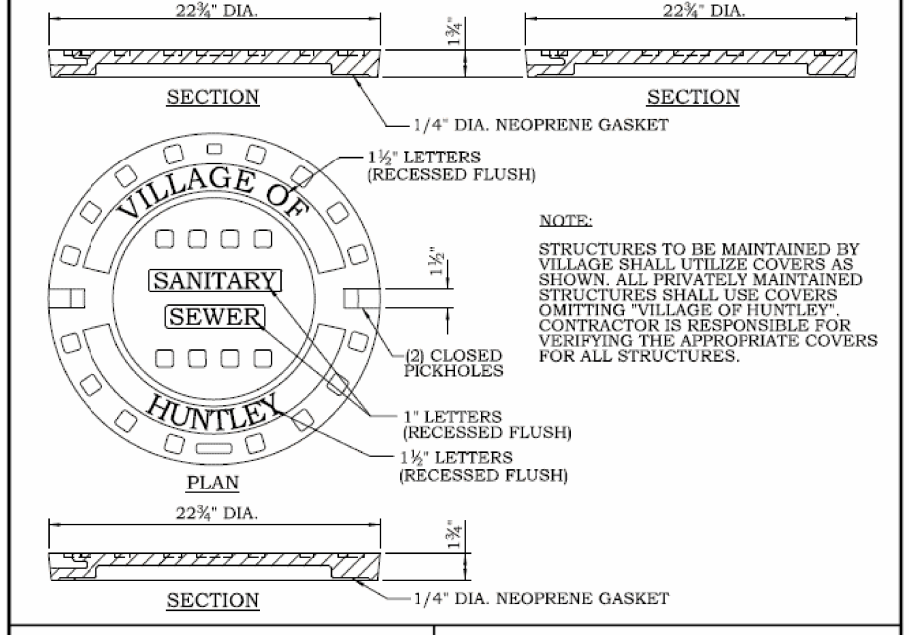
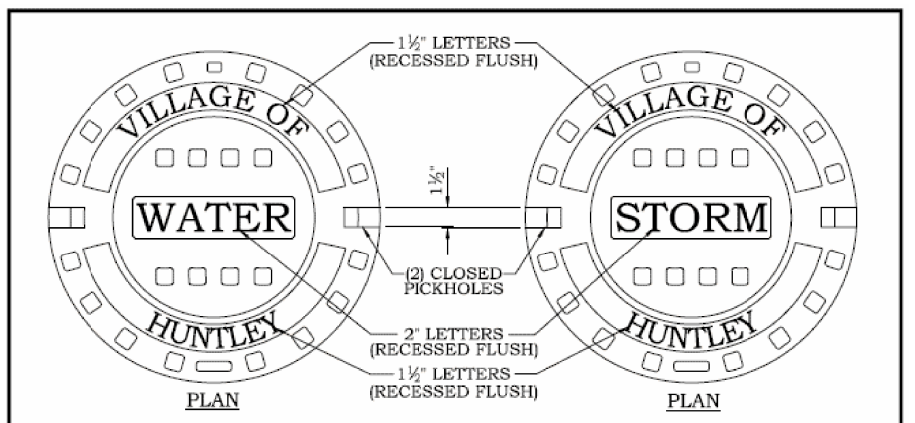
- NOTES**
- FINAL BACKFILL MATERIAL CA-6 PER IDOT STANDARD SPECIFICATION ARTICLE 208 TO SUBGRADE AND WITHIN 2 FEET HORIZONTAL OF PROPOSED PAVEMENT, DRIVEWAY, SIDEWALK OR CURB AND GUTTER. 12" MAX. LIFT THICKNESS COMPACTED TO 90% STANDARD PROCTOR DENSITY. CLSM MAY BE USED WHERE DIRECTED BY ENGINEER. IN NON-STRUCTURAL AREAS BACKFILL WITH APPROVED EXCAVATED MATERIALS AND 6" MINIMUM OF TOPSOIL.
 - INITIAL BACKFILL TO 12" OVER TOP OF PIPE. MATERIAL SHALL MATCH PIPE BEDDING.
 - PIPE BEDDING MATERIAL AS FOLLOWS:
 WATER MAIN AND FORCE MAIN: FA-1, FA-2, FA-6 OR FA-21.
 SANITARY SEWER AND STORM SEWER: CA-7.
 - UNSATURABLE MATERIAL TO BE REMOVED AND REPLACED TO A DEPTH AS DIRECTED BY ENGINEER. ADDITIONAL BEDDING MATERIAL THICKNESS AND GRADATION AS DIRECTED BY ENGINEER.
 - TRENCH WIDTH:
 12" + OD + 12" WHEN DEPTH TO TRENCH BOTTOM < 5 FT.
 18" + OD + 18" WHEN DEPTH TO TRENCH BOTTOM > 5 FT.
 - HMA SURFACES AND BASES SHALL BE FULL DEPTH SAW CUT 12" BEYOND EDGE OF TRENCH. PAVEMENT SHALL BE RESTORED IN ACCORDANCE WITH VILLAGE STANDARD PAVEMENT DETAILS.
 - CONTRACTORS SHALL COMPLY WITH THE LATEST OSHA STANDARDS INCLUDING, BUT NOT LIMITED TO:
 SLOPING AND BENCHING TRENCH WALLS;
 TRENCH SUPPORT AND SHORING SYSTEMS;
 SHIELD SYSTEMS; AND
 HAZARDOUS ATMOSPHERES.

VILLAGE OF HUNTLEY 10987 MAIN STREET HUNTLEY, IL 60142 (847) 515-5200	TYPICAL TRENCH CROSS SECTIONS		
	SCALE: NTS	DRAWN/CHECKED: CBEL/TPF	DRAWING NUMBER: UTL-1
	DATE: 1/1/2016	REVISED: 3/9/2021	



- NOTES:**
- CONCENTRIC CONE REQUIRED.
 - USE 4'-0" DIAMETER FOR WATER MAIN SIZES THRU 8".
 - USE 5'-0" DIAMETER FOR WATER MAIN SIZES 10" AND GREATER, AND FOR ALL PRESSURE CONNECTIONS.
 - THICKNESS "T"-4" MIN. FOR 4' DIAMETER AND 5" MIN. FOR 5' DIAMETER VAULTS.
 - ALL PRECAST VAULT SECTIONS SHALL BE BITUMINOUS COATED.
 - EXTERNAL CHIMNEY SEALS PER THE VILLAGE'S APPROVED MATERIAL LIST SHALL BE INSTALLED ON ALL STRUCTURES WHEN LOCATED WITHIN LIMITS OF PAVED SURFACES. THE STRUCTURE'S RIM SHALL BE 1/2" BELOW PAVEMENT GRADE. EXTERNAL CHIMNEY SEALS MAY BE ELIMINATED FOR STRUCTURES OUTSIDE LIMITS OF PAVED SURFACES.
 - UNLESS OTHERWISE SPECIFIED HEREIN CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STD. SPEC. FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, LATEST EDITION.
- * FOR PRECAST CONCRETE SECTIONS, THIS DIMENSION MAY VARY FROM THE DIMENSION GIVEN TO PLUS 6"

VILLAGE OF HUNTLEY 10987 MAIN STREET HUNTLEY, IL 60142 (847) 515-5200	VALVE VAULT		
	SCALE: NTS	DRAWN/CHECKED: CBEL/TPF	DRAWING NUMBER: WAT-3
	DATE: 1/1/2016	REVISED: 3/9/2021	



VILLAGE OF HUNTLEY 10987 MAIN STREET HUNTLEY, IL 60142 (847) 515-5200	MANHOLE COVER		
	SCALE: NTS	DRAWN/CHECKED: CBEL/TPF	DRAWING NUMBER: UTL-3
	DATE: 1/1/2016	REVISED: 3/9/2021	

MODEL: Default
 FILE NAME: p:\plant\krcp\watermain\krcp\watermain\12277.dwg
 CADD SHEET: 044-SHT-WM-DET-03.dwg
 DATE: 10/14/2025

USER NAME = BW001	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE = 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

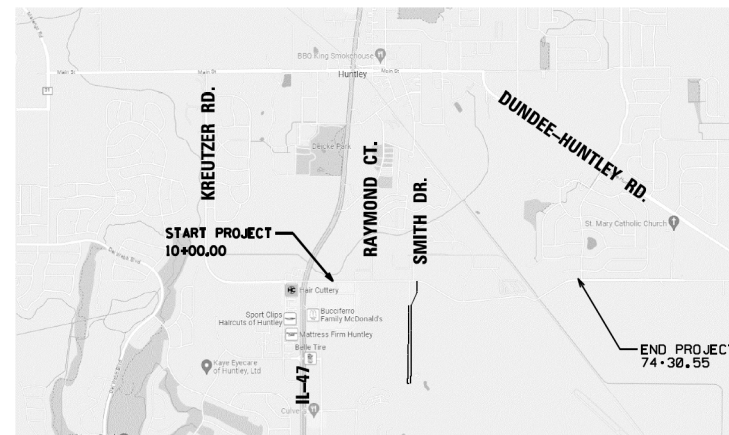
KREUTZER ROAD WATERMAIN DETAILS		F.A.W. RTE. 2259	SECTION SN 20-00050-00-PV	COUNTY KANE	TOTAL SHEETS 343	SHEET NO. 208
SCALE: NTS	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 61L48		

ILLINOIS	FED. AID PROJECT
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

**ROUTE: FAP ROUTE 2259
SECTION: 20-00050-00-PV
COUNTY: MCHENRY & KANE
LIMITS: IL 47 TO HALIGUS ROAD
JOB NO.: R-91-004-24**

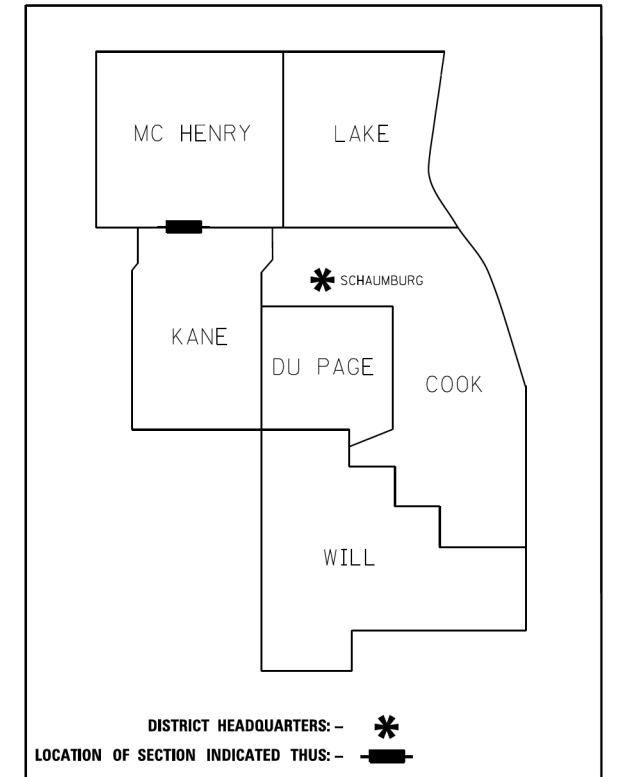
PARCEL #	OWNER	SHEET #	PROPERTY ACQUIRED BY
0001TE	VILLAGE OF HUNTLEY, AN ILLINOIS MUNICIPAL CORPORATION	2	
0002TE	PRESH LLC, A CALIFORNIA LIMITED LIABILITY COMPANY	2, 3	
0003TE	MIF 12007 N. SMITH (HUNTLEY) LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	4	
0004	STEVEN G. BENNER AS TRUSTEE OF THE STEVEN G. BENNER TRUST DATED JULY 11, 2000 AS TO AN UNDIVIDED 1/2 INTEREST AND TAMARA L. BENNER AS TRUSTEE OF THE TAMARA L. BENNER TRUST DATED JULY 11, 2000 AS TO AN UNDIVIDED 1/2 INTEREST	4, 5 & 10	
0005	POLING PLACES, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	5	
0006	AT&T CORP. FORMERLY KNOWN AS AMERICAN TELEPHONE AND TELEGRAPH COMPANY	5	
0007	TRANSCONTINENTAL H.S. CROCKER COMPANY INC., AN ILLINOIS CORPORATION FORMERLY KNOWN AS H.S. CROCKER COMPANY, INC.	6	
0009-A 0009-B	EP HSS 2, LLC, A DELAWARE LIMITED LIABILITY COMPANY	6, 8	
0010-A 0010-B	CHICAGO TITLE LAND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED AUGUST 1, 2009 KNOWN AS TRUST NO. 8002350452	5, 6 7, 8 & 10	
0011 0011TE-A 0011TE-B	TEAMKEM, LLC	7	
0014	MCHENRY COUNTY CONSERVATION DISTRICT	8	
0015PE	UNION PACIFIC RAILROAD COMPANY	8	
0016	MCHENRY COUNTY CONSERVATION DISTRICT	8	
0017	CHICAGO TITLE LAND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED SEPTEMBER 1, 2010 KNOWN AS TRUST NO. 8002350456	8 & 9	
0018	HUNTLEY PARK DISTRICT	9	



LOCATION MAP

NET LENGTH= 1.212 MILE

NOTE: THERE ARE GAPS IN THE PARCEL NUMBERS AS A RESULT OF SOME PARCELS BEING CONTIGUOUSLY OWNED BY OTHER PARCELS IN THE ABOVE PARCEL LIST. PARCELS 0008, 0012 & 0013 ARE PURPOSEDLY OMITTED.



DISTRICT HEADQUARTERS: - *
LOCATION OF SECTION INDICATED THUS: - **█**

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

RETURN ORIGINAL TO:

VILLAGE OF HUNTLEY
10987 MAIN STRRET,
HUNTLEY IL 60142

IDOT USE ONLY

MODEL: Default
FILE NAME: I:\projects\krcp\submittal\krcp\krcp\2011\2277.044_KreutzerRd\12_CADD\SHEETS\9044-SHT-PLAT-01.dgn

USER NAME = BW001	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

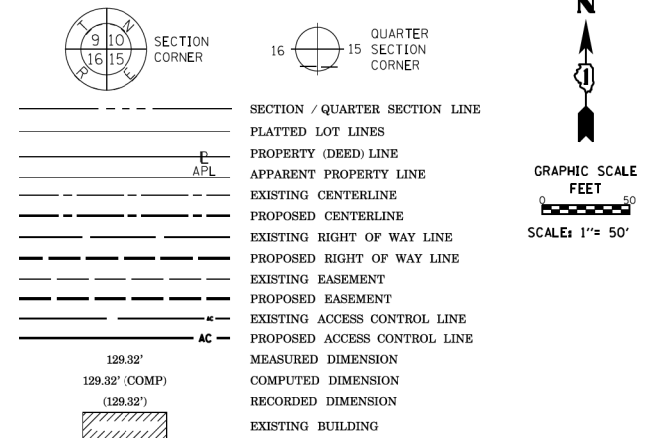
**KREUTZER ROAD
PLAT OF HIGHWAYS**

SCALE: SHEET OF SHEETS STA. TO STA.

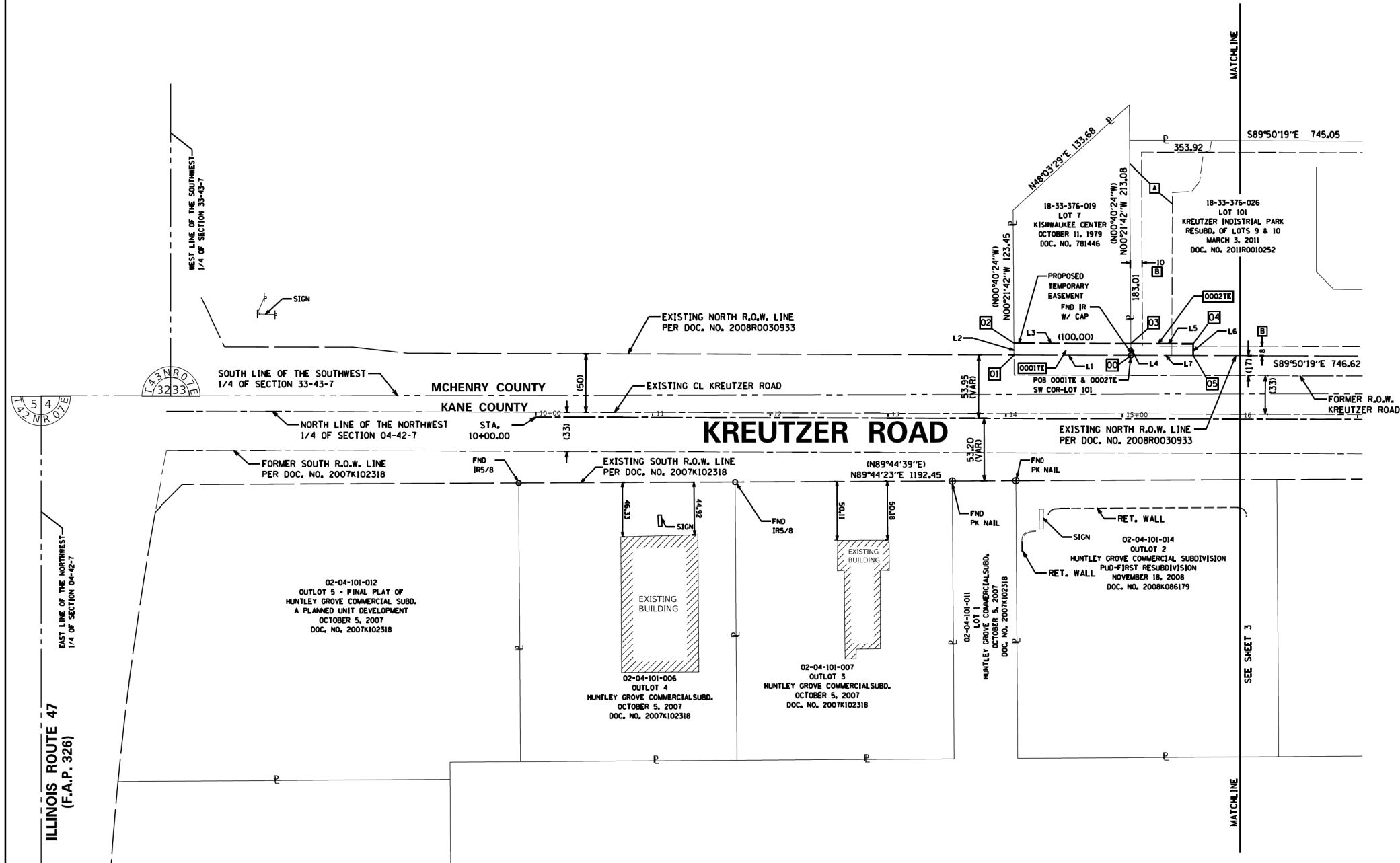
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	210
			CONTRACT NO. 61L48	
		ILLINOIS FED. AID PROJECT		

PART OF THE NW & NE 1/4 OF SEC. 4 AND NW 1/4 OF SEC. 3, TWP. 42N., R. 7E. OF THE 3RD P.M., KANE COUNTY, ILLINOIS
AND PART OF THE SW & SE 1/4 OF SEC. 33 AND SW 1/4 OF SEC. 34, TWP. 43N., R. 7E. OF THE 3RD P.M., MCHENRY COUNTY, ILLINOIS

LEGEND



- A STORMWATER MANAGEMENT EASEMENT PER KREUTZER INDUSTRIAL PARK RESUBD. OF LOTS 9 & 10- DOC. NO. 2011R0010252
- B MUNICIPAL UTILITY & DRAINAGE EASEMENT PER KREUTZER INDUSTRIAL PARK DOC. NO. 97R044341



- IRON PIPE OR ROD FOUND ● *MAG* NAIL SET
- + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99993881.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON MAY 18, 2023.

STATE OF ILLINOIS)
)SS
 COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT I, SCOTT A. LUTZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, PATRICK ENGINEERING INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-00409,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4 AND 3, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, AND SECTION 33 AND 34, TOWNSHIP 43 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LISLE, ILLINOIS THIS DAY OF 2024 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3511
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PARCEL INDEX NUMBER
					ACRES	SQUARE FEET		
0001TE	0.386				0.023		TEMPORARY EASEMENT	18-33-376-019
0002TE	1.483				0.012		TEMPORARY EASEMENT	18-33-376-026

NO.	STATION	OFFSET	NORTHING	EASTING
00	15+06.90	53.95L	1998713.47	958245.91
01	14+06.90	53.95L	1998713.76	958145.91
02	14+06.81	64.00L	1998723.81	958145.85
03	15+06.81	64.00L	1998723.53	958245.85
04	15+60.00	64.00L	1998723.37	958299.04
05	15+60.00	53.95L	1998713.33	958299.01

L1	N89°50'19"W	100.00	
L2	N00°21'42"W	10.05	
L3	S89°50'14"E	100.00	
L4	S00°21'42"E	10.05	
L5	S89°50'14"E	53.19	
L6	S00°09'46"W	10.05	
L7	N89°50'19"W	53.10	

RINA
 PROFESSIONAL DESIGN FIRM LICENSE NO. 184000409-0014

Patrick Engineering Inc.
 55 East Monroe
 Suite 3450
 Chicago, IL 60603
 TEL: (312) 201-7900
 FAX: (312) 220-0722
 www.rina-us.org

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
(KREUTZER ROAD)

LIMITS: IL 47 TO HALIGUS ROAD COUNTY: MCHENRY & KANE
 SECTION: 20-00050-00PV JOB NO.: R-91-004-24
 STA. 10+00 TO STA. 16+00
 SCALE: 1"=50' SHEET 2 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

USER NAME = BW001	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE = 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD		PLAT OF HIGHWAYS	
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	211
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

MODEL: D:\out\...
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PART OF THE NW & NE 1/4 OF SEC. 4 AND NW 1/4 OF SEC. 3, TWP. 42N., R. 7E. OF THE 3RD P.M., KANE COUNTY, ILLINOIS
AND PART OF THE SW & SE 1/4 OF SEC. 33 AND SW 1/4 OF SEC. 34, TWP. 43N., R. 7E. OF THE 3RD P.M., MCHENRY COUNTY, ILLINOIS

LEGEND

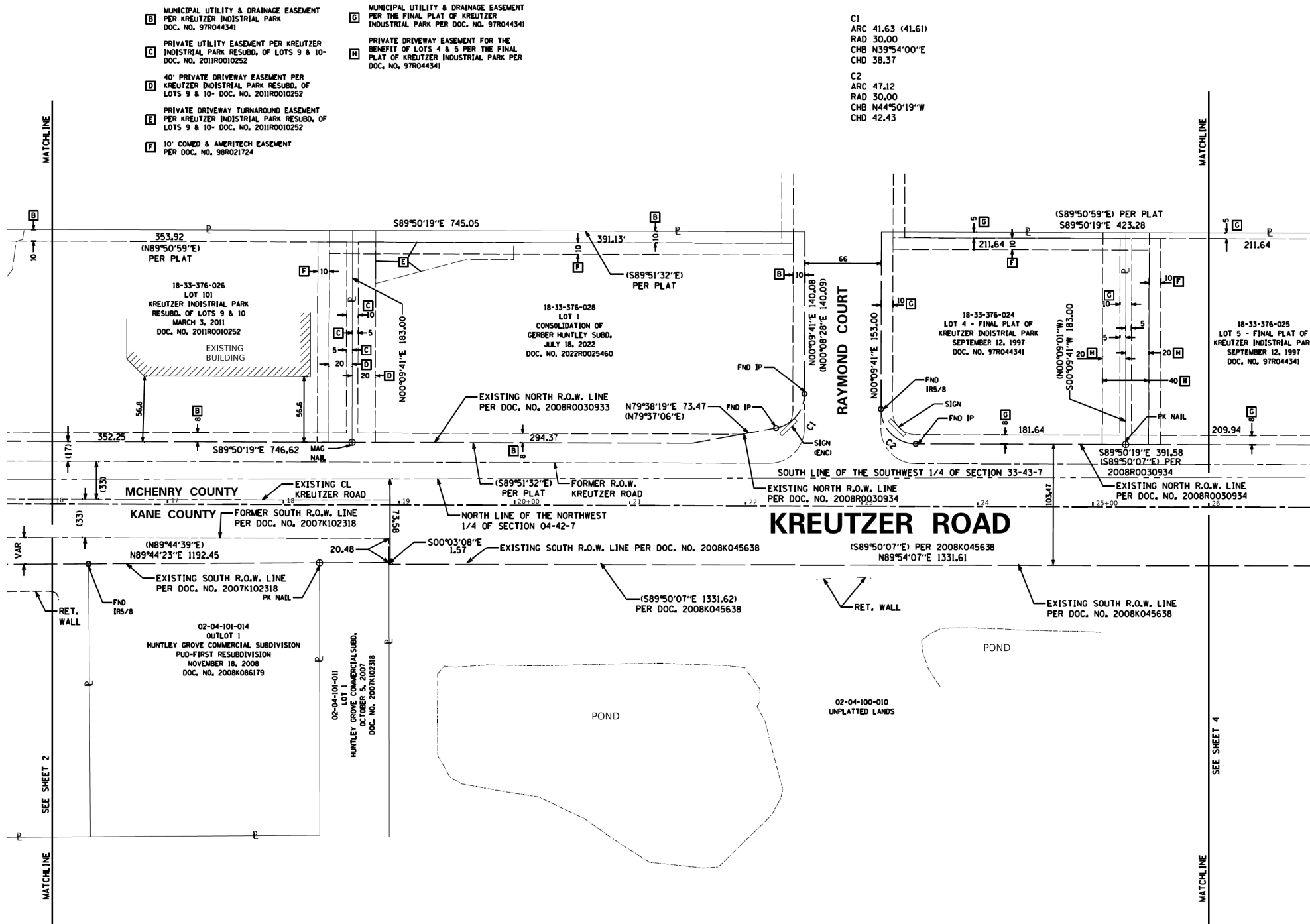
SECTION CORNER
QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPROXIMATE PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE
FEET
SCALE: 1" = 50'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

○ IRON PIPE OR ROD FOUND
+ CUT CROSS FOUND OR SET
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET



SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
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4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON MAY 18, 2023.

STATE OF ILLINOIS)
)SS
COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT I, SCOTT A. LUTZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, PATRICK ENGINEERING INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-00409,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4 AND 3, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, AND SECTION 33 AND 34, TOWNSHIP 43 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT Lisle, ILLINOIS THIS DAY OF 2024 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3511
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RINA
PROFESSIONAL DESIGN FIRM LICENSE NO. 184000409-0014

Patrick Engineering Inc.
55 East Monroe
Suite 3450
Chicago, IL 60603
TEL: (312) 201-7900
FAX: (312) 220-0722
www.rina-us.org

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
(KREUTZER ROAD)

LIMITS: IL 47 TO HALIGUS ROAD COUNTY: MCHENRY & KANE
SECTION: 20-00050-00PV JOB NO.: R-91-004-24
STA. 16+00 TO STA. 26+00
SCALE: 1"=50' SHEET 3 OF 10 SHEETS

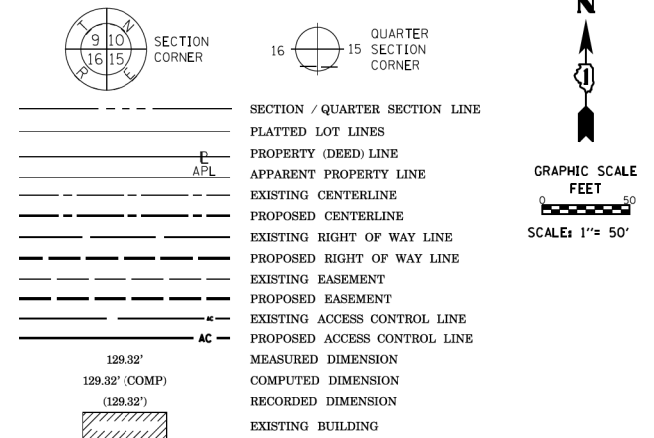
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

USER NAME = BW001	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	KREUTZER ROAD PLAT OF HIGHWAYS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -			2259	20-00050-00-PV	KANE	343	212	
PLOT DATE = 10/14/2025	CHECKED -	REVISED -			CONTRACT NO. 61L48					
	DATE = 3/03/2025	REVISED -			ILLINOIS FED. AID PROJECT					

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 REVISION DATE: 11/19/2024 REVISION MADE BY: LKM

PART OF THE NW & NE 1/4 OF SEC. 4 AND NW 1/4 OF SEC. 3, TWP. 42N., R. 7E. OF THE 3RD P.M., KANE COUNTY, ILLINOIS
AND PART OF THE SW & SE 1/4 OF SEC. 33 AND SW 1/4 OF SEC. 34, TWP. 43N., R. 7E. OF THE 3RD P.M., MCHENRY COUNTY, ILLINOIS

LEGEND



GRAPHIC SCALE
FEET
0 50
SCALE: 1" = 50'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND ● "MAG" NAIL SET
- + CUT CROSS FOUND OR SET ⊕ 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
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STATE OF ILLINOIS)
)SS
COUNTY OF DUPAGE)

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DATED AT LISLE, ILLINOIS THIS DAY OF 2024 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3511
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

STATION OFFSET COORDINATES

NO.	STATION	OFFSET	NORTHING	EASTING
06	27+37.77	36.97L	1986893.00	959476.66
07	27+38.03	54.00L	1987110.03	959476.86
08	32+90.49	54.00L	1987111.20	960029.23
09	32+62.20	34.38L	1986915.52	960000.98
10	32+22.98	31.42R	1986625.64	959961.89
10A	32+23.59	26.25L	1986831.31	959962.38
10B	32+36.75	26.24L	1986833.33	959975.54
10C	32+36.54	2.02L	1986659.11	959975.39
10D	34+13.62	4.09L	1986658.26	960152.75
11	32+22.91	38.00R	198619.06	959961.84
12	34+16.52	28.77R	1986625.26	960152.60
13	33+43.93	38.00R	198619.32	960082.86
14	37+01.76	25.00R	198551.05	960415.43
15	37+48.78	38.00R	198517.63	960448.26

LINE TABLE

LB	N00°29'03"E	6.58
LB-A	N00°29'03"E	64.25

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PARCEL INDEX NUMBER
					ACRES	SQUARE FEET		
0003TE	8.082				0.230		TEMPORARY EASEMENT	18-33-376-017
0004	112.514	1.426	1.112	111.088				02-04-200-001 02-04-100-008

0003TE-C1	C3	C5
ARC 36.67	ARC 46.85	ARC 47.33
RAD 30.00	RAD 30.00	RAD 30.00
CHB N45°24'53"E	CHB N45°24'53"E	CHB S44°31'47"E
REC (N45°06'58"E)	REC (N45°06'58"E)	CHD 42.57
CHD 34.43	CHD 42.23	CHD 42.57
	C4	C6
	ARC 155.91 (155.93)	ARC 315.95
	RAD 540.00	RAD 584.12
	CHB S08°56'21"W	CHB S74°13'54"E
	CHD 155.37	CHD 312.11



Patrick Engineering Inc.
55 East Monroe
Suite 9450
Chicago, IL 60603
TEL: (312) 201-7900
FAX: (312) 220-0722
www.rina-us.org

PROFESSIONAL DESIGN FIRM LICENSE NO. 184000409-0014

REVISION DATE: 11/19/2024 REVISION MADE BY: LKM

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
(KREUTZER ROAD)

LIMITS: IL 47 TO HALIGUS ROAD COUNTY: MCHENRY & KANE
SECTION: 20-00050-00PV JOB NO.: R-91-004-24
STA. 26+00 TO STA. 37+00

SCALE: 1"=50' SHEET 4 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

USER NAME = BW001	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,000.00' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE = 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

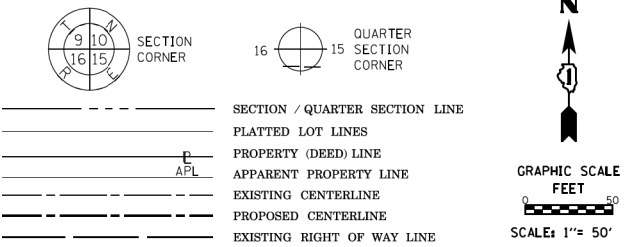
KREUTZER ROAD
PLAT OF HIGHWAYS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	213
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

PART OF THE NW & NE 1/4 OF SEC. 4 AND NW 1/4 OF SEC. 3, TWP. 42N., R. 7E. OF THE 3RD P.M., KANE COUNTY, ILLINOIS
AND PART OF THE SW & SE 1/4 OF SEC. 33 AND SW 1/4 OF SEC. 34, TWP. 43N., R. 7E. OF THE 3RD P.M., MCHENRY COUNTY, ILLINOIS

LEGEND

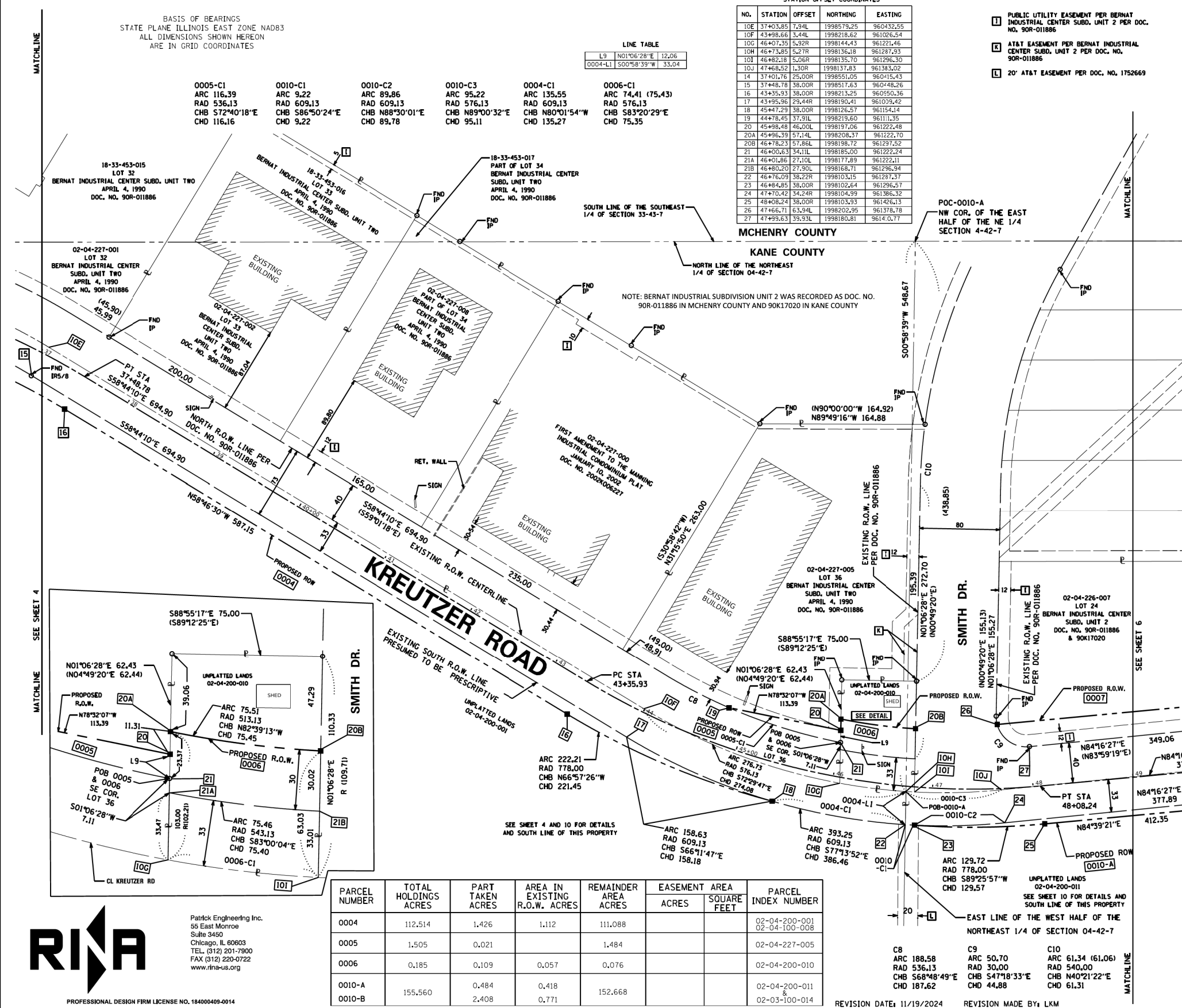


STATION OFFSET COORDINATES

NO.	STATION	OFFSET	NORTHING	EASTING
10E	37+03.85	7.94L	1998579.25	960432.55
10F	43+98.66	3.44L	1998218.62	961026.54
10G	46+07.35	5.32R	1998144.43	961221.46
10H	46+73.85	5.27R	1998136.18	961287.93
10I	46+82.18	5.06R	1998135.70	961296.30
10J	47+68.52	1.30R	1998137.83	961383.02
14	37+01.76	25.00R	1998551.05	960415.43
15	37+48.78	38.00R	1998517.63	960488.26
16	43+35.93	38.00R	1998213.25	960550.36
17	43+95.96	29.44R	1998190.41	961039.42
18	45+47.29	38.00R	1998126.57	961154.14
19	44+78.45	37.91L	1998219.60	96111.35
20	45+98.48	46.00L	1998197.06	961222.48
20A	45+96.39	57.14L	1998208.37	961222.70
20B	46+78.23	57.85L	1998198.72	961273.52
21	46+00.63	34.11L	1998185.00	961222.24
21A	46+01.86	27.10L	1998177.89	961222.11
21B	46+80.20	27.90L	1998168.71	961296.94
22	46+76.09	38.22R	1998103.15	961287.37
23	46+84.85	38.00R	1998102.64	961296.57
24	47+70.42	34.24R	1998104.99	961386.32
25	48+08.24	38.00R	1998103.93	961476.13
26	47+66.71	63.94L	1998202.95	961378.78
27	47+99.63	39.93L	1998180.81	961407.77

LINE TABLE

L#	NO	BEARING	DISTANCE
L9	N01°06'28"E	12.06	
0004-L1	S00°58'39"W	33.04	



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0004	112.514	1.426	1.112	111.088			02-04-200-001 02-04-100-008
0005	1.505	0.021		1.484			02-04-227-005
0006	0.185	0.109	0.057	0.076			02-04-200-010
0010-A	155.560	0.484	0.418	152.668			02-04-200-011
0010-B		2.408	0.771				02-03-100-014

RINA

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www.rina-us.org

PROFESSIONAL DESIGN FIRM LICENSE NO. 184000409-0014

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
(KREUTZER ROAD)

LIMITS: IL 47 TO HALIGUS ROAD COUNTY: MCHENRY & KANE
SECTION: 20-00050-00PV JOB NO.: R-91-004-24
STA. 37+00 TO STA. 49+00
SCALE: 1"=50' SHEET 5 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

USER NAME	DESIGNED	REVISED	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
= BW001	-	-	2259	20-00050-00-PV	KANE	343	214
PLOT SCALE = 40,000.0' / in.	CHECKED	REVIS	CONTRACT NO. 61L48				
PLOT DATE = 10/14/2025	DATE	REVIS	ILLINOIS FED. AID PROJECT				

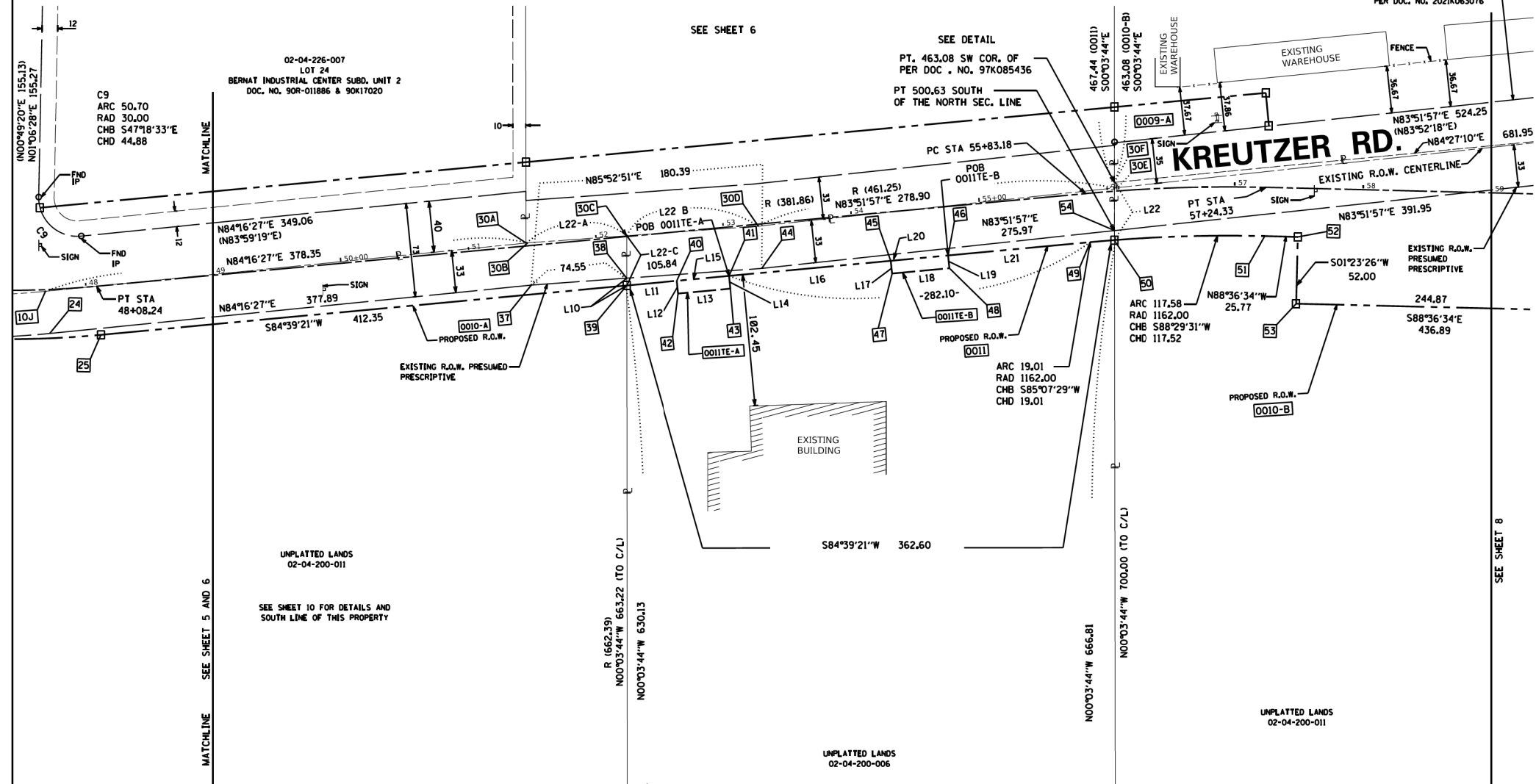
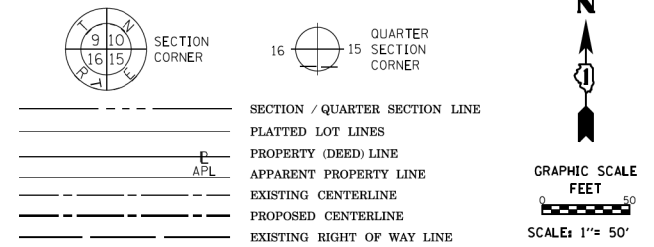
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
PLAT OF HIGHWAYS

SCALE: SHEET OF SHEETS STA. TO STA.

PART OF THE NW & NE 1/4 OF SEC. 4 AND NW 1/4 OF SEC. 3, TWP. 42N., R. 7E. OF THE 3RD P.M., KANE COUNTY, ILLINOIS
AND PART OF THE SW & SE 1/4 OF SEC. 33 AND SW 1/4 OF SEC. 34, TWP. 43N., R. 7E. OF THE 3RD P.M., MCHENRY COUNTY, ILLINOIS

LEGEND



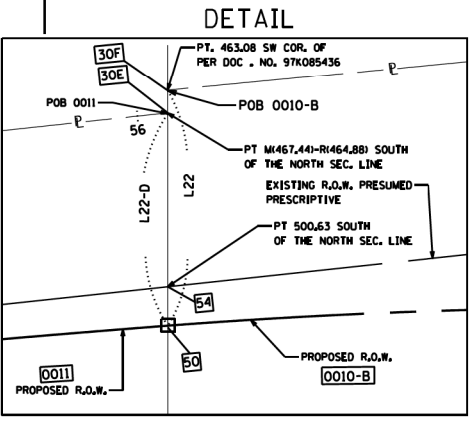
- IRON PIPE OR ROD FOUND ● *MAG* NAIL SET
- + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99993881.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON MAY 18, 2023.

STATE OF ILLINOIS)
) SS
 COUNTY OF DUPAGE)
 THIS IS TO CERTIFY THAT I, SCOTT A. LUTZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, PATRICK ENGINEERING INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-00409,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4 AND 3, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, AND SECTION 33 AND 34, TOWNSHIP 43 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LISLE, ILLINOIS THIS DAY OF 2024 A.D.
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3511
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



STATION OFFSET COORDINATES

NO.	STATION	OFFSET	NORTHING	EASTING
24	47+10.42	34.24R	1998104.99	961386.32
25	48+08.24	38.00R	1998103.93	961426.13
30	51+48.50	35.26L	1998208.56	961758.09
30A	51+45.46	2.32L	1998175.48	961758.14
30B	51+46.82	2.29L	1998175.58	961759.49
30C	52+24.16	0.64L	1998181.13	961836.65
30D	53+27.05	1.56R	1998188.53	961939.30
30E	56+05.87	2.50L	1998218.33	962216.60
30F	56+06.20	5.85L	1998222.69	962216.60
37	51+46.58	30.71R	1998142.69	961762.32
38	52+21.14	32.30R	1998148.05	961836.68
39	52+20.58	38.00R	1998142.33	961836.69
40	52+60.23	38.00R	1998146.02	961876.16
41	53+01.09	38.00R	1998149.83	961916.84
42	52+60.30	48.00R	1998136.07	961877.16
43	53+01.15	48.00R	1998139.88	961917.84
44	53+26.93	34.57R	1998155.65	961942.25
45	54+27.42	38.00R	1998161.59	962042.62
46	54+27.15	38.00R	1998165.76	962087.16
47	54+27.48	48.00R	1998155.81	962043.62
48	54+27.21	48.00R	1998155.81	962088.16
49	55+83.18	38.00R	1998176.10	962197.71
50	56+02.81	38.00R	1998177.72	962216.65
51	57+42.23	38.00R	1998180.81	962334.14
52	57+50.00	38.00R	1998180.18	962359.89
53	57+50.00	80.00R	1998182.20	962358.63
54	56+03.39	30.60R	1998185.14	962216.64

LINE TABLE

LINE	BEARING	DISTANCE	AREA
L10	S00°03'44"E	5.72	
L11	N84°39'21"E	39.65	
L12	S05°43'54"E	10.00	
L13	N84°39'21"E	40.86	
L14	N05°43'54"W	10.00	
L15	S84°39'21"W	40.86	
L16	N84°39'21"E	126.33	
L17	S05°43'54"E	10.00	
L18	N84°39'21"E	44.73	
L19	N05°43'54"W	10.00	
L20	S84°39'21"W	44.73	
L21	N84°39'21"E	111.04	
L22	N00°03'44"W	44.97	
L22-A	N85°52'51"E	77.35	
L22-B	N85°52'51"E	102.92	
L22-C	S00°03'44"E	38.80	
L22-D	S00°03'44"E	40.61	

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	TEMPORARY ACRES	EASEMENT SQUARE FEET	PARCEL INDEX NUMBER
0010-A	155,560	0.484	0.418	152,668			02-04-200-011 & 02-03-100-014
0010-B		2.408					
0011	5,934	0.334	0.289	5,600	TE-A= 0.009	409	02-04-200-006
0011E-A					TE-B= 0.010	447	
0011E-B							

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USER NAME = BW001	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISIED -
PLOT DATE = 10/14/2025	CHECKED -	REVISED -
	DATE = 3/03/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
 PLAT OF HIGHWAYS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	216
CONTRACT NO. 61L48				

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

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 REVISION DATE: 11/19/2024 REVISION MADE BY: LKM

PART OF THE NW & NE 1/4 OF SEC. 4 AND NW 1/4 OF SEC. 3, TWP. 42N., R. 7E. OF THE 3RD P.M., KANE COUNTY, ILLINOIS
AND PART OF THE SW & SE 1/4 OF SEC. 33 AND SW 1/4 OF SEC. 34, TWP. 43N., R. 7E. OF THE 3RD P.M., MCHENRY COUNTY, ILLINOIS

LEGEND

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

○ IRON PIPE OR ROD FOUND ● "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET

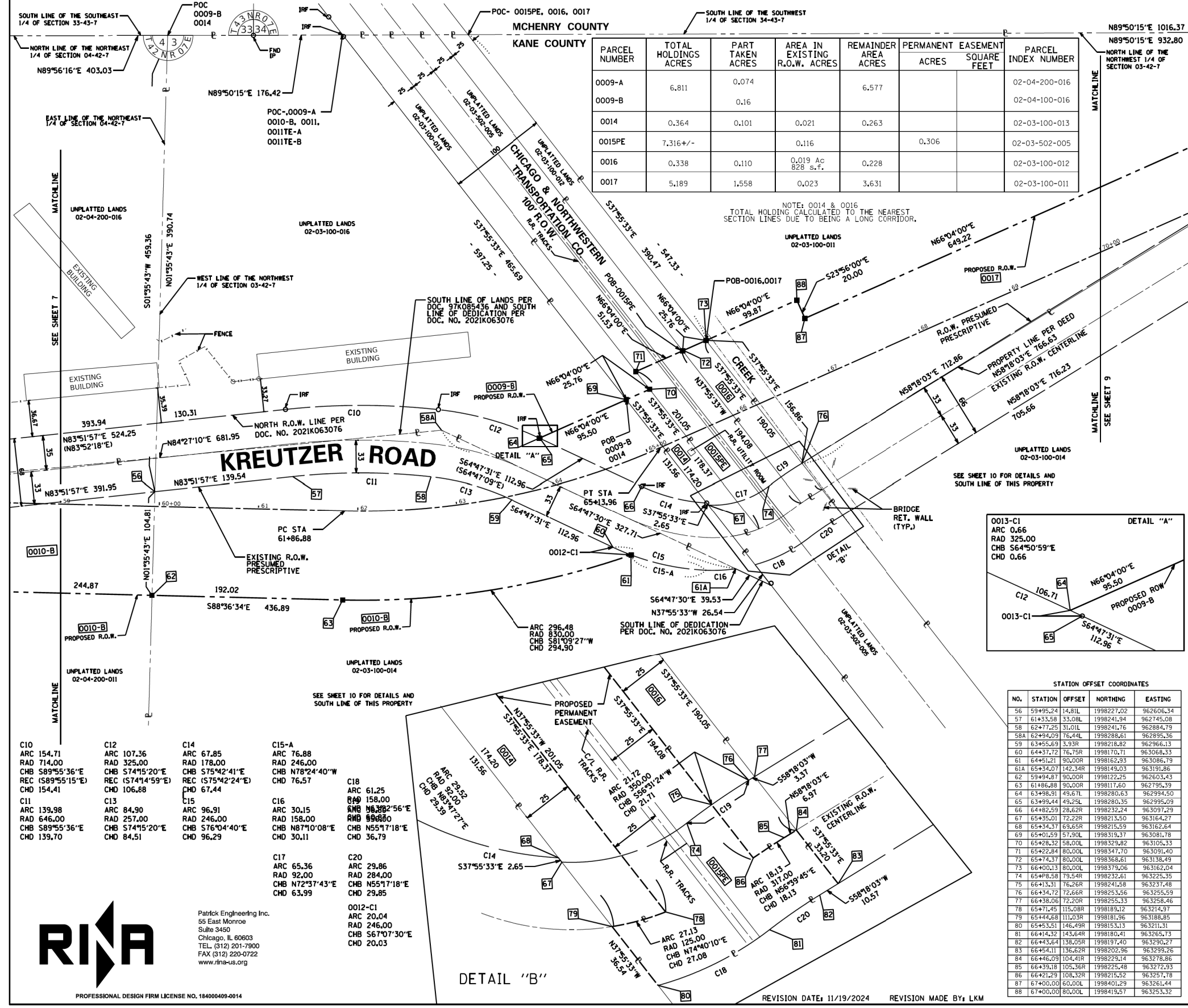
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	PERMANENT EASEMENT ACRES	SQUARE FEET	PARCEL INDEX NUMBER
0009-A	6.811	0.074		6.577			02-04-200-016
0009-B		0.16					02-04-100-016
0014	0.364	0.101	0.021	0.263			02-03-100-013
0015PE	7.316 +/-		0.116		0.306		02-03-502-005
0016	0.338	0.110	0.019 Ac 828 s.f.	0.228			02-03-100-012
0017	5.189	1.558	0.023	3.631			02-03-100-011



C10 ARC 154.71 RAD 714.00 CHB S89°55'36"E REC (S89°55'15"E) CHD 154.41	C12 ARC 107.36 RAD 178.00 CHB S74°15'20"E REC (S74°14'59"E) CHD 106.88	C14 ARC 67.85 RAD 178.00 CHB S75°42'41"E REC (S75°42'24"E) CHD 67.44	C15-A ARC 76.88 RAD 246.00 CHB N78°24'40"W CHD 76.57
C11 ARC 139.98 RAD 646.00 CHB S89°55'36"E CHD 139.70	C13 ARC 84.90 RAD 257.00 CHB S74°15'20"E CHD 84.51	C15 ARC 96.91 RAD 246.00 CHB S76°04'40"E CHD 96.29	C16 ARC 30.15 RAD 158.00 CHB N87°10'08"E CHD 30.11
C17 ARC 65.36 RAD 92.00 CHB N72°37'43"E CHD 63.99	C18 ARC 61.25 RAD 158.00 CHB N63°22'56"E RMB 99.880 CHD 61.25	C19 ARC 21.72 RAD 830.00 CHB S86°31'24"W CHD 21.71	C20 ARC 29.86 RAD 284.00 CHB N55°17'18"E CHD 29.85
C21 ARC 20.04 RAD 246.00 CHB S67°07'30"E CHD 20.03	C22 ARC 29.86 RAD 284.00 CHB N55°17'18"E CHD 29.85	C23 ARC 21.72 RAD 830.00 CHB S86°31'24"W CHD 21.71	C24 ARC 27.13 RAD 125.00 CHB N74°40'10"E CHD 27.08

STATION OFFSET COORDINATES

NO.	STATION	OFFSET	NORTHING	EASTING
56	59+95.24	14.81L	1998227.02	962606.14
57	61+33.58	33.08L	1998241.94	962745.08
58	62+77.25	31.01L	1998241.76	962884.79
58A	62+94.09	76.44L	1998288.61	962895.36
59	63+55.69	3.93R	1998218.82	962966.13
60	64+37.72	76.75R	1998170.71	963068.33
61	64+51.21	90.00R	1998162.93	963086.79
61A	65+34.07	142.34R	1998149.03	963191.86
62	65+94.87	90.00R	1998122.25	963203.43
63	61+86.88	90.00R	1998111.60	962795.39
64	63+98.91	49.67L	1998280.63	962994.50
65	63+99.44	49.25L	1998280.35	962995.09
66	64+82.59	28.62R	1998232.24	963097.29
67	65+35.01	72.22R	1998213.50	963164.27
68	65+34.37	69.65R	1998215.59	963162.64
69	65+01.59	57.90L	1998315.37	963081.78
70	65+28.32	58.00L	1998325.82	963105.33
71	65+22.84	80.00L	1998347.70	963091.40
72	65+74.37	80.00L	1998368.61	963138.49
73	66+00.13	80.00L	1998379.06	963162.04
74	65+48.58	79.54R	1998232.61	963225.35
75	66+41.31	76.26R	1998241.58	963237.48
76	66+34.72	72.66R	1998253.56	963255.59
77	66+38.06	72.20R	1998255.13	963258.46
78	65+71.45	115.08R	1998189.12	963214.37
79	65+44.68	111.03R	1998181.96	963188.85
80	65+53.51	146.49R	1998153.13	963211.31
81	66+41.32	143.64R	1998180.41	963265.73
82	66+43.64	138.05R	1998197.40	963290.27
83	66+44.11	136.62R	1998202.96	963299.26
84	66+46.09	104.48R	1998235.14	963276.86
85	66+39.18	105.36R	1998225.48	963272.93
86	66+21.29	108.32R	1998215.52	963257.78
87	67+00.00	60.00L	1998401.29	963261.44
88	67+00.00	80.00L	1998419.57	963253.32



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
PLAT OF HIGHWAYS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
(KREUTZER ROAD)

LIMITS: IL 47 TO HALIGUS ROAD COUNTY: MCHENRY & KANE
SECTION: 20-00050-00-PV JOB NO.: R-91-004-24
STA. 59+00 TO STA. 70+00
SCALE: 1"=50' SHEET 8 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

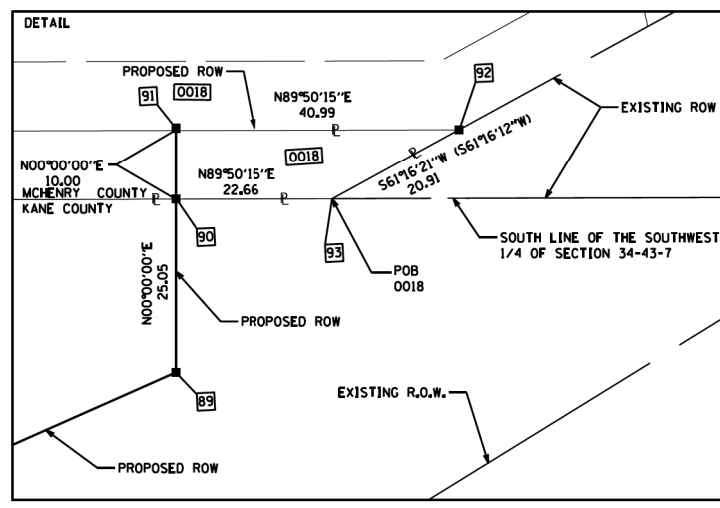
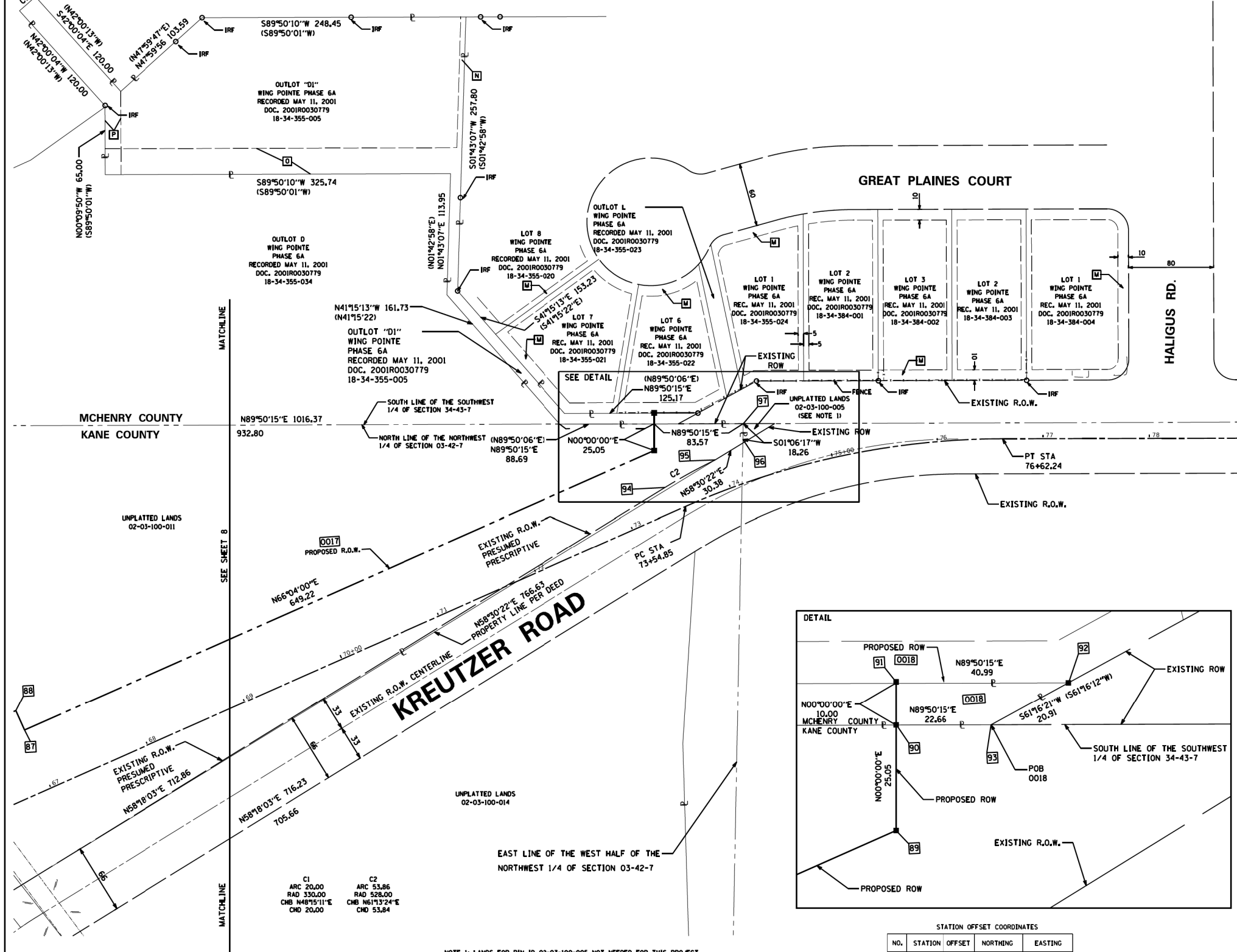
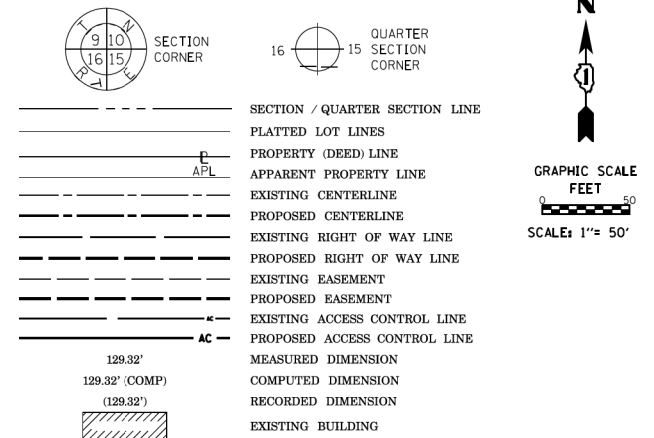
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PLOT SCALE = 40.00000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2025	CHECKED -	REVISED -
	DATE = 3/03/2025	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	217
CONTRACT NO. 61L48				
SCALE:	SHEET	OF	SHEETS	STA.
				TO STA.
ILLINOIS		FED. AID PROJECT		

MODEL: D:\dwg\...
 FILE NAME: ...
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PART OF THE NW & NE 1/4 OF SEC. 4 AND NW 1/4 OF SEC. 3, TWP. 42N., R. 7E. OF THE 3RD P.M., KANE COUNTY, ILLINOIS
AND PART OF THE SW & SE 1/4 OF SEC. 33 AND SW 1/4 OF SEC. 34, TWP. 43N., R. 7E. OF THE 3RD P.M., MCHENRY COUNTY, ILLINOIS

LEGEND



STATION OFFSET COORDINATES

NO.	STATION	OFFSET	NORTHING	EASTING
87	67+00.00	60.00L	1998401.29	963261.44
88	67+00.00	60.00L	1998419.57	963253.32
89	73+49.22	60.00L	1998664.67	963854.84
90	73+49.22	60.00L	1998689.71	963854.84
91	73+46.24	92.08L	1998699.71	963854.84
92	76+96.64	76.81L	1998699.83	963895.83
93	73+77.82	74.15L	1998689.78	963877.50
94	73+44.38	24.12L	1998629.91	963864.37
95	73+96.37	29.86R	1998655.83	963912.16
96	74+24.83	36.13L	1998671.70	963938.06
97	74+30.65	53.35L	1998689.95	963938.42

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0017	5.189	1.558	0.023	3.631		02-03-100-011
0018	1.201	0.007 Acres	318 s.f.	1.194		18-34-355-005



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PROFESSIONAL DESIGN FIRM LICENSE NO. 184000409-0014

DOT USE ONLY

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
(KREUTZER ROAD)

LIMITS: IL 47 TO HALIGUS ROAD COUNTY: MCHENRY & KANE
SECTION: 20-00050-00PV JOB NO.:
STA. 70+00 TO STA. 76+00
SCALE: 1"=50' SHEET 9 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: D:\out\... FILE NAME: ...

USER NAME = BW001	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE = 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
PLAT OF HIGHWAYS

REVISION DATE: 11/19/2024 REVISION MADE BY: LKM

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	218
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L48	

LEGEND

(XX.XX) EXISTING ELEVATION / SLOPE

PROPOSED SIDE CURB

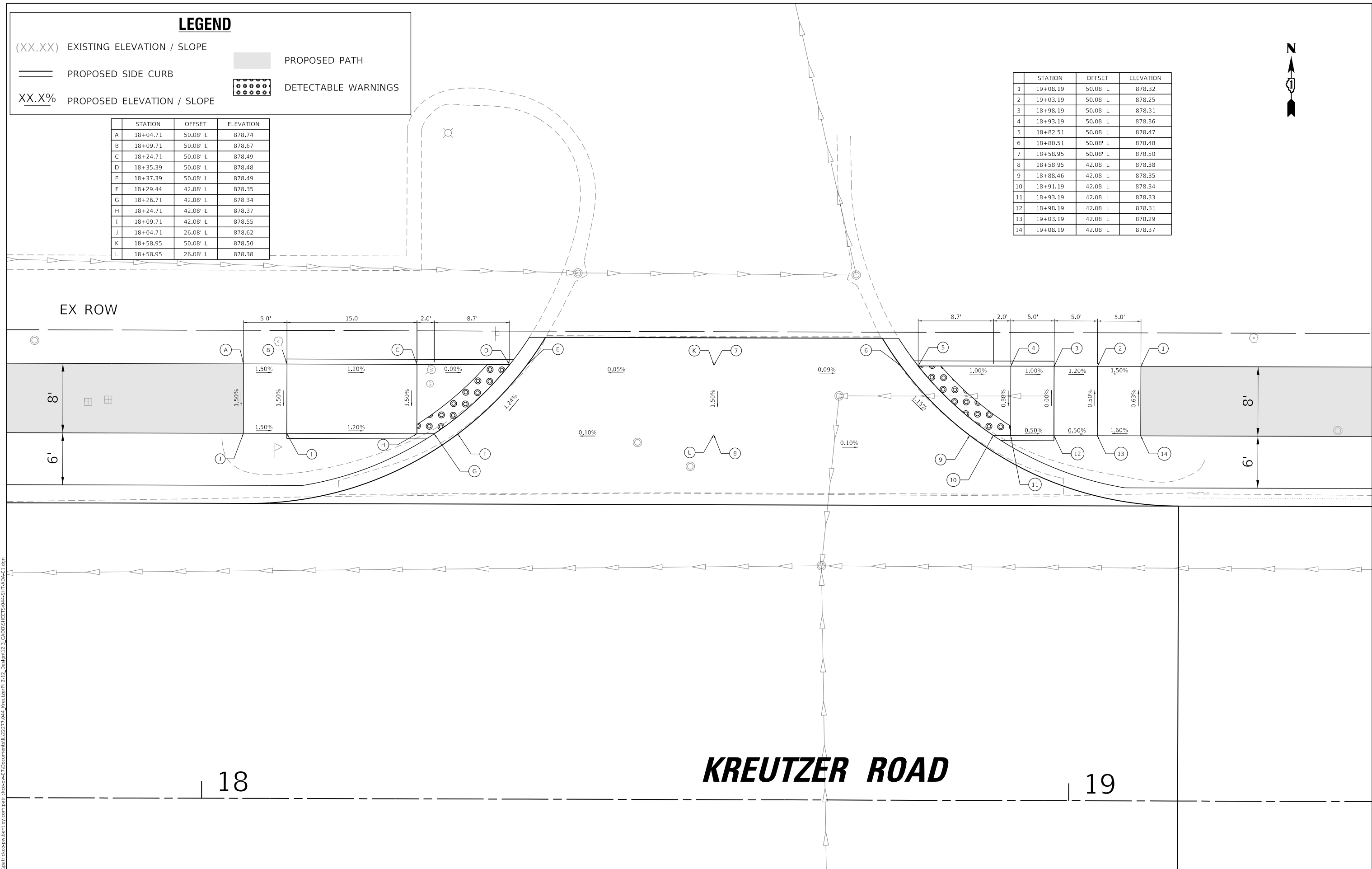
XX.X% PROPOSED ELEVATION / SLOPE

PROPOSED PATH

DETECTABLE WARNINGS

	STATION	OFFSET	ELEVATION
A	18+04.71	50.08' L	878.74
B	18+09.71	50.08' L	878.67
C	18+24.71	50.08' L	878.49
D	18+35.39	50.08' L	878.48
E	18+37.39	50.08' L	878.49
F	18+29.44	42.08' L	878.35
G	18+26.71	42.08' L	878.34
H	18+24.71	42.08' L	878.37
I	18+09.71	42.08' L	878.55
J	18+04.71	26.08' L	878.62
K	18+58.95	50.08' L	878.50
L	18+58.95	26.08' L	878.38

	STATION	OFFSET	ELEVATION
1	19+08.19	50.08' L	878.32
2	19+03.19	50.08' L	878.25
3	18+98.19	50.08' L	878.31
4	18+93.19	50.08' L	878.36
5	18+82.51	50.08' L	878.47
6	18+80.51	50.08' L	878.48
7	18+58.95	50.08' L	878.50
8	18+58.95	42.08' L	878.38
9	18+88.46	42.08' L	878.35
10	18+91.19	42.08' L	878.34
11	18+93.19	42.08' L	878.33
12	18+98.19	42.08' L	878.31
13	19+03.19	42.08' L	878.29
14	19+08.19	42.08' L	878.37



18

KREUTZER ROAD

19

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DRAWN - EJB	CHECKED - KE	REVISED -
PLOT SCALE = 10.0000' / in.	DATE - 3/03/2025	REVISED -
PLOT DATE = 10/14/2025		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KREUTZER ROAD ADA PLAN DETAIL	
SCALE: 1"=5'	SHEET 1 OF 14 SHEETS STA. TO STA.

F.A.U. RTE. 2259	SECTION 20-00050-00-PV	COUNTY KANE	TOTAL SHEETS 343	SHEET NO. 220
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

LEGEND

- (XX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDE CURB
- PROPOSED PATH
- XX.X% PROPOSED ELEVATION / SLOPE
- DETECTABLE WARNINGS

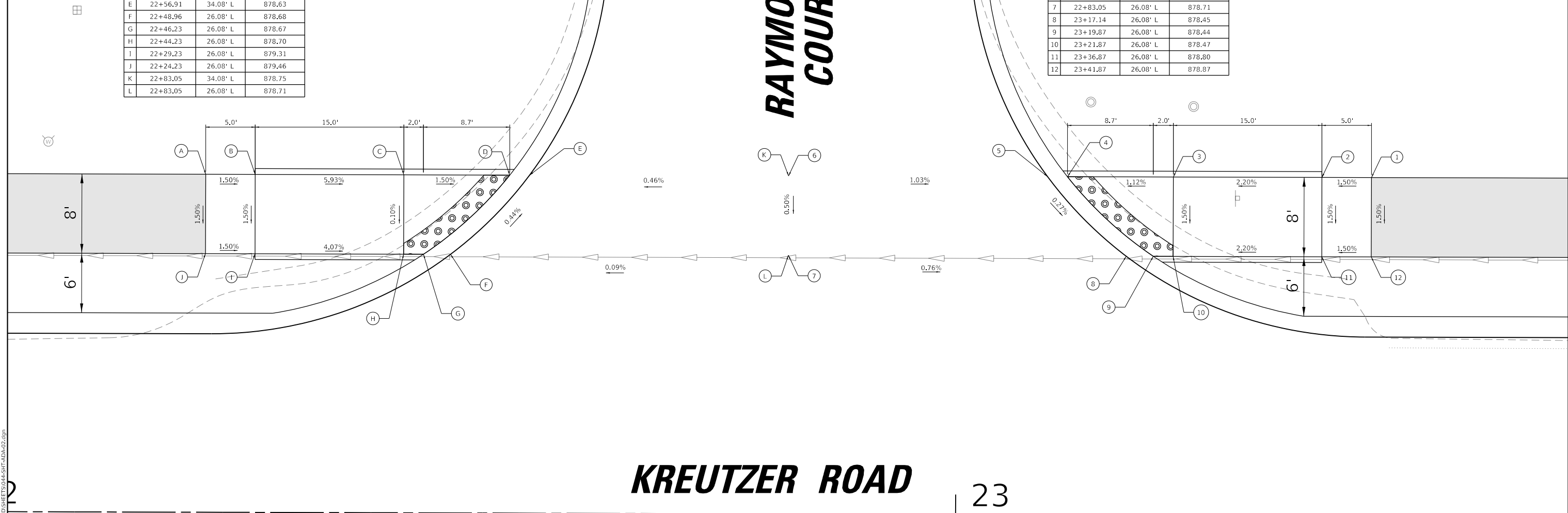
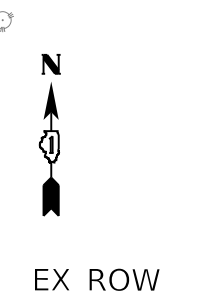
	STATION	OFFSET	ELEVATION
A	22+24.23	34.08' L	879.58
B	22+29.23	34.08' L	879.51
C	22+44.23	34.08' L	878.78
D	22+54.91	34.08' L	878.62
E	22+56.91	34.08' L	878.63
F	22+48.96	26.08' L	878.68
G	22+46.23	26.08' L	878.67
H	22+44.23	26.08' L	878.70
I	22+29.23	26.08' L	879.31
J	22+24.23	26.08' L	879.46
K	22+83.05	34.08' L	878.75
L	22+83.05	26.08' L	878.71

	STATION	OFFSET	ELEVATION
1	23+41.87	34.08' L	878.99
2	23+36.87	34.08' L	878.92
3	23+21.87	34.08' L	878.59
4	23+11.19	34.08' L	878.47
5	23+09.19	34.08' L	878.48
6	22+83.05	34.08' L	878.75
7	22+83.05	26.08' L	878.71
8	23+17.14	26.08' L	878.45
9	23+19.87	26.08' L	878.44
10	23+21.87	26.08' L	878.47
11	23+36.87	26.08' L	878.80
12	23+41.87	26.08' L	878.87

RAYMOND COURT

KREUTZER ROAD

23



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PLOT DATE = 10/14/2025	CHECKED - KE	REVISED -
	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
ADA PLAN DETAIL**

SCALE: 1"=5' SHEET 2 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	221
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

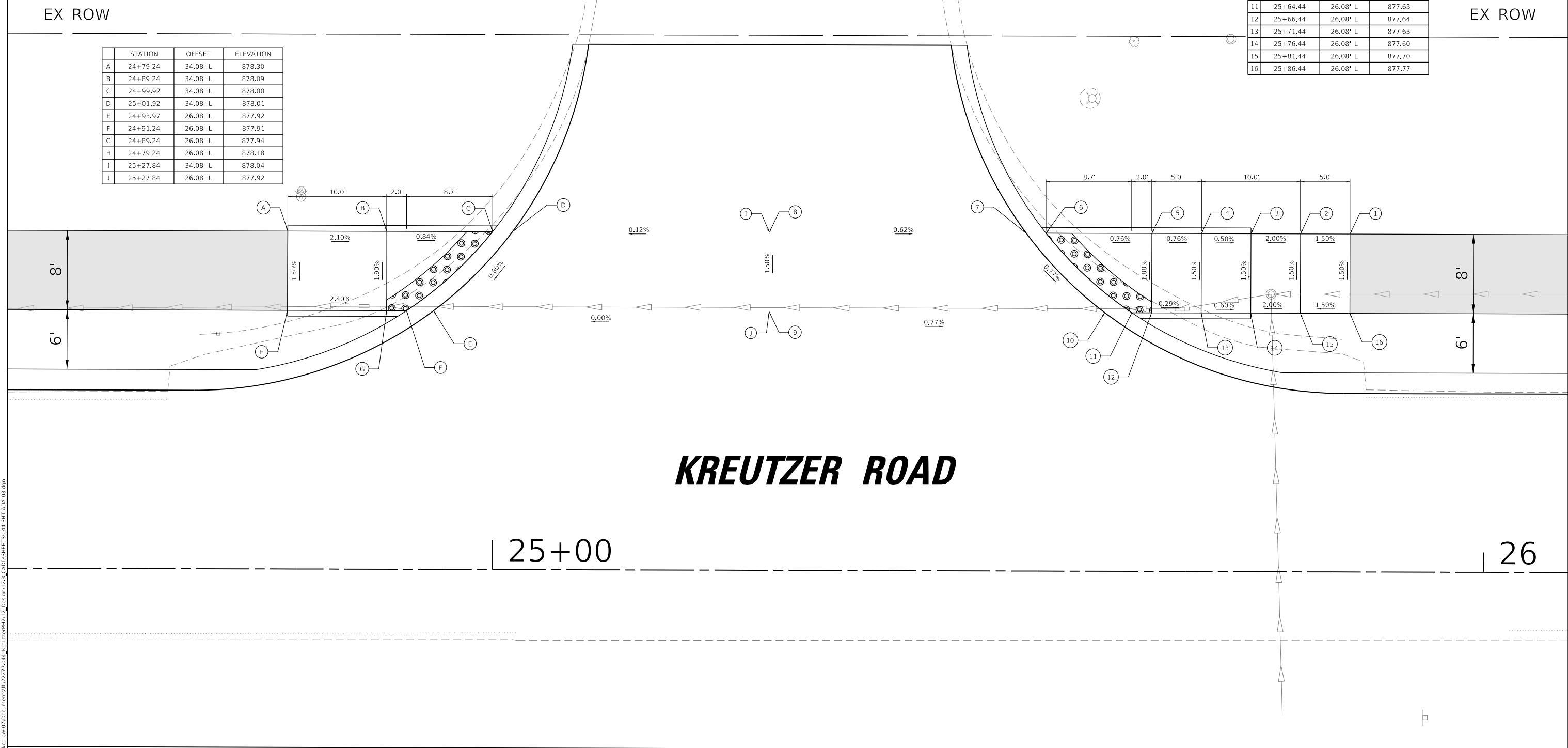
LEGEND

- (XX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDE CURB
- XX.X% PROPOSED ELEVATION / SLOPE
- PROPOSED PATH
- DETECTABLE WARNINGS

STATION	OFFSET	ELEVATION
1	25+86.44	34.08' L 877.89
2	25+81.44	34.08' L 877.82
3	25+76.44	34.08' L 877.72
4	25+71.44	34.08' L 877.75
5	25+66.44	34.08' L 877.79
6	25+55.76	34.08' L 877.87
7	25+53.76	34.08' L 877.88
8	25+27.84	34.08' L 878.04
9	25+27.84	26.08' L 877.92
10	25+61.71	26.08' L 877.66
11	25+64.44	26.08' L 877.63
12	25+66.44	26.08' L 877.64
13	25+71.44	26.08' L 877.63
14	25+76.44	26.08' L 877.60
15	25+81.44	26.08' L 877.70
16	25+86.44	26.08' L 877.77



STATION	OFFSET	ELEVATION
A	24+79.24	34.08' L 878.30
B	24+89.24	34.08' L 878.09
C	24+99.92	34.08' L 878.00
D	25+01.92	34.08' L 878.01
E	24+93.97	26.08' L 877.92
F	24+91.24	26.08' L 877.91
G	24+89.24	26.08' L 877.94
H	24+79.24	26.08' L 878.18
I	25+27.84	34.08' L 878.04
J	25+27.84	26.08' L 877.92



KREUTZER ROAD

25+00

26

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DRAWN - EJB	REVISIONS -	
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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

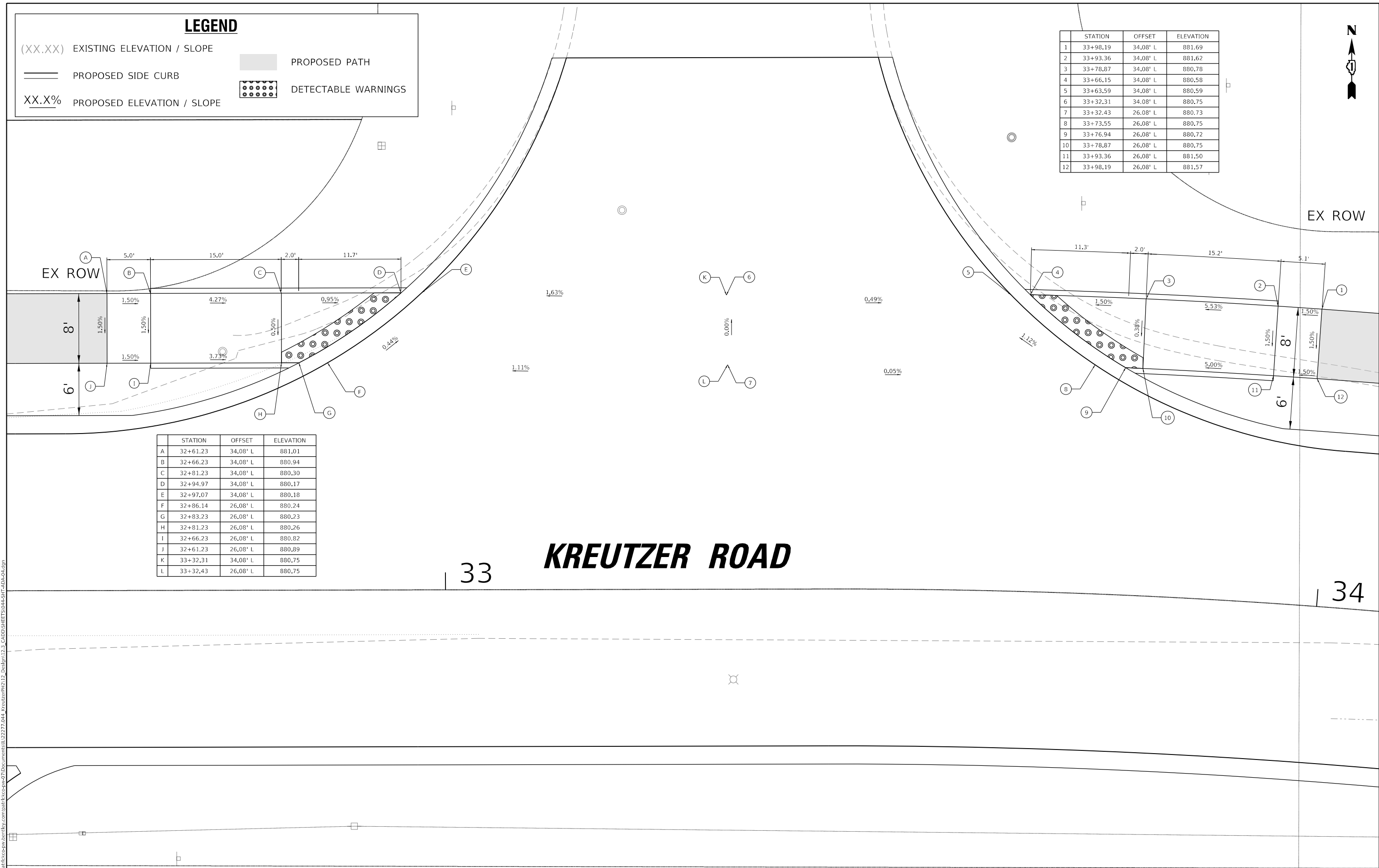
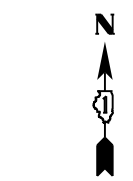
KREUTZER ROAD ADA PLAN DETAIL		
SCALE: 1"=5'	SHEET 3	OF 14 SHEETS
STA.	TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	222
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

LEGEND

- (XX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDE CURB
- XX.X% PROPOSED ELEVATION / SLOPE
- PROPOSED PATH
- DETECTABLE WARNINGS

	STATION	OFFSET	ELEVATION
1	33+98.19	34.08' L	881.69
2	33+93.36	34.08' L	881.62
3	33+78.87	34.08' L	880.78
4	33+66.15	34.08' L	880.58
5	33+63.59	34.08' L	880.59
6	33+32.31	34.08' L	880.75
7	33+32.43	26.08' L	880.73
8	33+73.55	26.08' L	880.75
9	33+76.94	26.08' L	880.72
10	33+78.87	26.08' L	880.75
11	33+93.36	26.08' L	881.50
12	33+98.19	26.08' L	881.57



	STATION	OFFSET	ELEVATION
A	32+61.23	34.08' L	881.01
B	32+66.23	34.08' L	880.94
C	32+81.23	34.08' L	880.30
D	32+94.97	34.08' L	880.17
E	32+97.07	34.08' L	880.18
F	32+86.14	26.08' L	880.24
G	32+83.23	26.08' L	880.23
H	32+81.23	26.08' L	880.26
I	32+66.23	26.08' L	880.82
J	32+61.23	26.08' L	880.89
K	33+32.31	34.08' L	880.75
L	33+32.43	26.08' L	880.75

KREUTZER ROAD

33

34

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PLOT SCALE = 10.0000' / in.	DRAWN - EJB	REVISED -
PLOT DATE = 10/14/2025	CHECKED - KE	REVISED -
	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KREUTZER ROAD ADA PLAN DETAIL	
SCALE: 1"=5'	SHEET 4 OF 14 SHEETS STA. TO STA.

F.A.U. RTE. 2259	SECTION 20-00050-00-PV	COUNTY KANE	TOTAL SHEETS 343	SHEET NO. 223
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

STATION	OFFSET	ELEVATION
A	35+98.04	34.08' L 882.66
B	36+07.70	34.08' L 882.39
C	36+15.88	34.08' L 882.35
D	36+17.59	34.08' L 882.36
E	36+11.90	26.08' L 882.24
F	36+09.63	26.08' L 882.23
G	36+07.70	26.08' L 882.27
H	35+98.04	26.08' L 882.55
I	36+32.34	34.08' L 882.56
J	36+32.34	26.08' L 882.43

STATION	OFFSET	ELEVATION
1	36+76.19	34.08' L 883.08
2	36+71.36	34.08' L 883.01
3	36+56.87	34.08' L 882.62
4	36+48.69	34.08' L 882.53
5	36+46.98	34.08' L 882.54
6	36+32.34	34.08' L 882.56
7	36+32.34	26.08' L 882.43
8	36+52.65	26.08' L 882.48
9	36+54.94	26.08' L 882.47
10	36+56.87	26.08' L 882.50
11	36+71.36	26.08' L 882.89
12	36+76.19	26.08' L 882.96

KREUTZER ROAD

37

36

LEGEND

- (XX.XX) EXISTING ELEVATION / SLOPE
- ===== PROPOSED SIDE CURB
- XX.X% PROPOSED ELEVATION / SLOPE
- █ PROPOSED PATH
- DETECTABLE WARNINGS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
ADA PLAN DETAIL

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

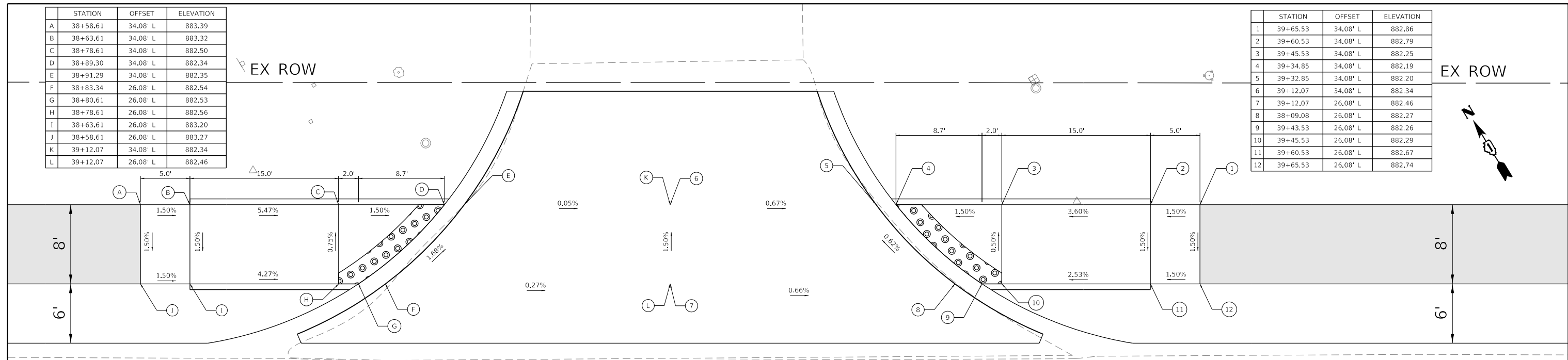
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	224
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 10/14/2025	CHECKED - KE	REVISED -
	DATE - 3/03/2025	REVISED -

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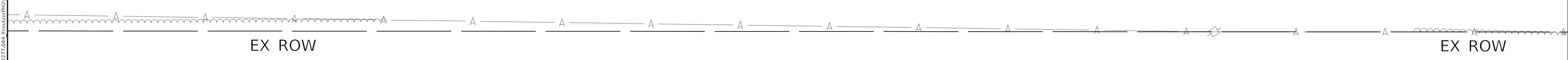
	STATION	OFFSET	ELEVATION
A	38+58.61	34.08' L	883.39
B	38+63.61	34.08' L	883.32
C	38+78.61	34.08' L	882.50
D	38+89.30	34.08' L	882.34
E	38+91.29	34.08' L	882.35
F	38+83.34	26.08' L	882.54
G	38+80.61	26.08' L	882.53
H	38+78.61	26.08' L	882.56
I	38+63.61	26.08' L	883.20
J	38+58.61	26.08' L	883.27
K	39+12.07	34.08' L	882.34
L	39+12.07	26.08' L	882.46

	STATION	OFFSET	ELEVATION
1	39+65.53	34.08' L	882.86
2	39+60.53	34.08' L	882.79
3	39+45.53	34.08' L	882.25
4	39+34.85	34.08' L	882.19
5	39+32.85	34.08' L	882.20
6	39+12.07	34.08' L	882.34
7	39+12.07	26.08' L	882.46
8	38+09.08	26.08' L	882.27
9	39+43.53	26.08' L	882.26
10	39+45.53	26.08' L	882.29
11	39+60.53	26.08' L	882.67
12	39+65.53	26.08' L	882.74



KREUTZER ROAD

39



LEGEND

(XX.XX) EXISTING ELEVATION / SLOPE

PROPOSED SIDE CURB

XX.X% PROPOSED ELEVATION / SLOPE

PROPOSED PATH

DETECTABLE WARNINGS

MODEL: Default
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 SHEET: 343
 DATE: 10/14/2025

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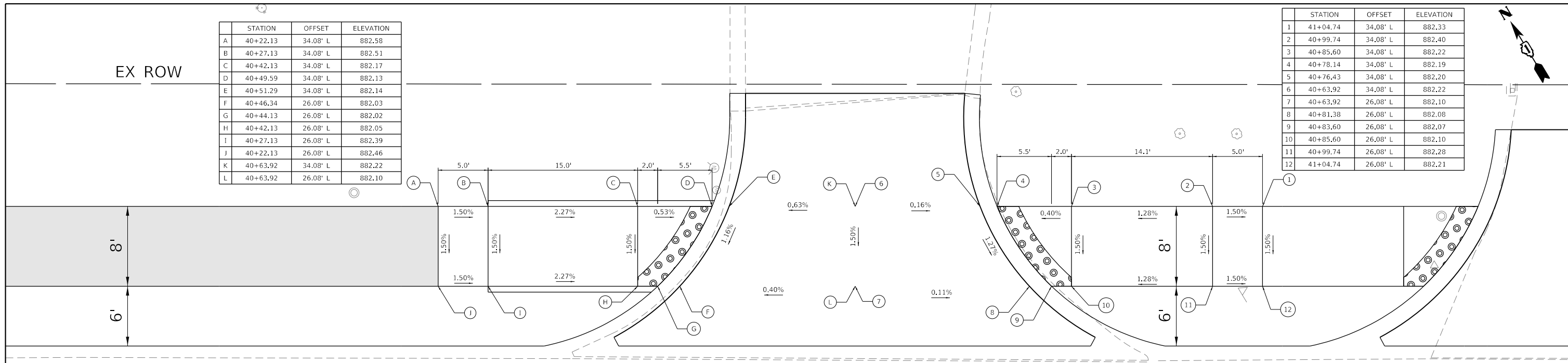
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KREUTZER ROAD ADA PLAN DETAIL	
SCALE: 1"=5'	SHEET 7 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	226
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

	STATION	OFFSET	ELEVATION
A	40+22.13	34.08' L	882.58
B	40+27.13	34.08' L	882.51
C	40+42.13	34.08' L	882.17
D	40+49.59	34.08' L	882.13
E	40+51.29	34.08' L	882.14
F	40+46.34	26.08' L	882.03
G	40+44.13	26.08' L	882.02
H	40+42.13	26.08' L	882.05
I	40+27.13	26.08' L	882.39
J	40+22.13	26.08' L	882.46
K	40+63.92	34.08' L	882.22
L	40+63.92	26.08' L	882.10

	STATION	OFFSET	ELEVATION
1	41+04.74	34.08' L	882.33
2	40+99.74	34.08' L	882.40
3	40+85.60	34.08' L	882.22
4	40+78.14	34.08' L	882.19
5	40+76.43	34.08' L	882.20
6	40+63.92	34.08' L	882.22
7	40+63.92	26.08' L	882.10
8	40+81.38	26.08' L	882.08
9	40+83.60	26.08' L	882.07
10	40+85.60	26.08' L	882.10
11	40+99.74	26.08' L	882.28
12	41+04.74	26.08' L	882.21



KREUTZER ROAD

40+00

41

EX ROW

EX ROW

PR ROW

LEGEND	
(XX.XX)	EXISTING ELEVATION / SLOPE
=====	PROPOSED SIDE CURB
XX.X%	PROPOSED ELEVATION / SLOPE
	PROPOSED PATH
	DETECTABLE WARNINGS

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 SHEET: 227
 CONTRACT NO. 61L48

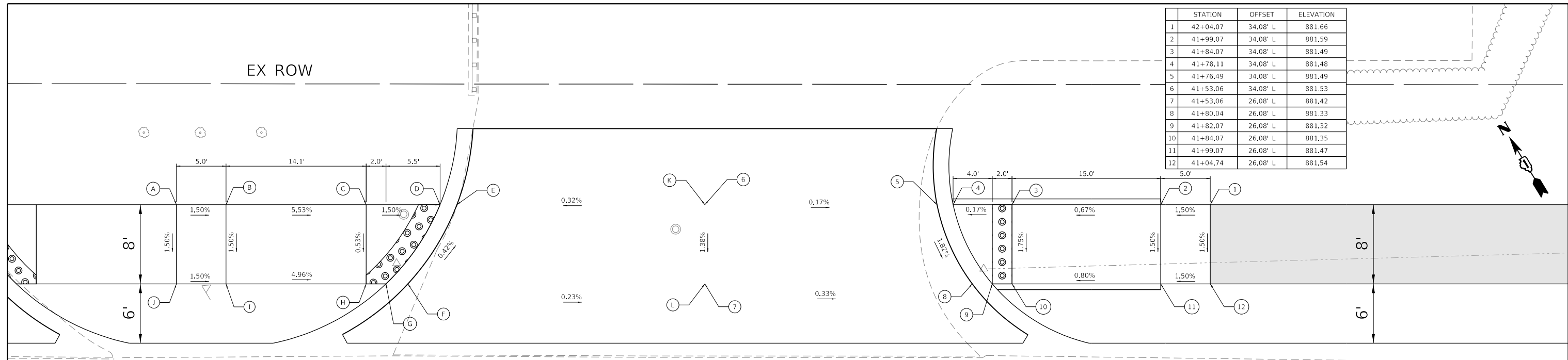
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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
ADA PLAN DETAIL

SCALE: 1"=5' SHEET 8 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	227
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



STATION	OFFSET	ELEVATION
1	42+04.07	34.08' L 881.66
2	41+99.07	34.08' L 881.59
3	41+84.07	34.08' L 881.49
4	41+78.11	34.08' L 881.48
5	41+76.49	34.08' L 881.49
6	41+53.06	34.08' L 881.53
7	41+53.06	26.08' L 881.42
8	41+80.04	26.08' L 881.33
9	41+82.07	26.08' L 881.32
10	41+84.07	26.08' L 881.35
11	41+99.07	26.08' L 881.47
12	41+04.74	26.08' L 881.54

STATION	OFFSET	ELEVATION
A	40+99.74	34.08' L 882.40
B	41+04.74	34.08' L 882.33
C	41+18.88	34.08' L 881.55
D	41+26.35	34.08' L 881.44
E	41+28.05	34.08' L 881.45
F	41+23.10	26.08' L 881.49
G	41+20.88	26.08' L 881.48
H	41+18.88	26.08' L 881.51
I	40+99.74	26.08' L 882.21
J	41+04.74	26.08' L 882.28
K	41+53.06	34.08' L 881.53
L	41+53.05	26.08' L 881.42

KREUTZER ROAD

41

42

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EX ROW

PR ROW

LEGEND

(XX.XX) EXISTING ELEVATION / SLOPE

===== PROPOSED SIDE CURB

XX.X% PROPOSED ELEVATION / SLOPE

PROPOSED PATH
 DETECTABLE WARNINGS

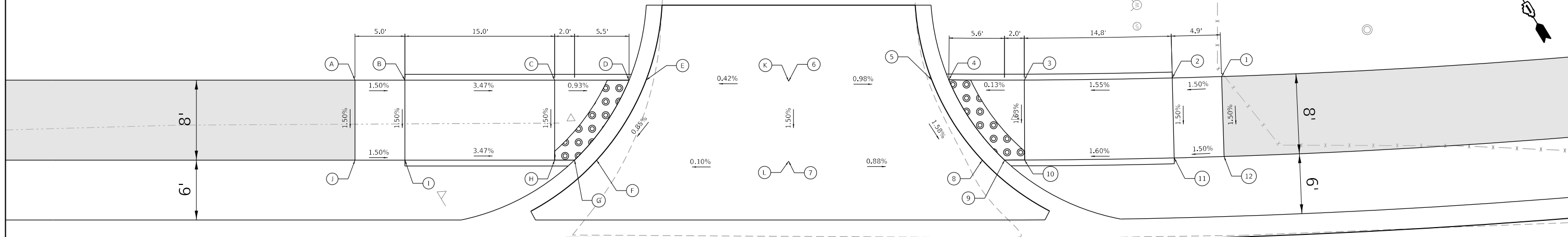
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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KREUTZER ROAD ADA PLAN DETAIL	
SCALE: 1"=5'	SHEET 9 OF 14 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	228
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

EX ROW



	STATION	OFFSET	ELEVATION
A	42+71.32	34.08' L	881.32
B	42+76.32	34.08' L	881.25
C	42+91.32	34.08' L	880.73
D	42+98.78	34.08' L	880.66
E	43+00.48	34.08' L	880.67
F	42+95.53	26.08' L	880.59
G	42+93.32	26.08' L	880.58
H	42+91.32	26.08' L	880.61
I	42+76.32	26.08' L	881.13
J	42+71.32	26.08' L	881.20
K	43+14.77	34.08' L	880.73
L	43+14.77	26.08' L	880.61

KREUTZER ROAD

43

	STATION	OFFSET	ELEVATION
1	43+59.24	34.08' L	880.89
2	43+54.05	34.08' L	880.82
3	43+38.51	34.08' L	880.59
4	43+30.82	34.08' L	880.58
5	43+29.11	34.08' L	880.59
6	43+14.77	34.08' L	880.73
7	43+14.77	26.08' L	880.61
8	43+34.17	26.08' L	880.44
9	43+36.43	26.08' L	880.43
10	43+38.51	26.08' L	880.46
11	43+54.05	26.08' L	880.70
12	43+59.24	26.08' L	880.77

PR ROW

LEGEND

(XX.XX) EXISTING ELEVATION / SLOPE

===== PROPOSED SIDE CURB

XX.X% PROPOSED ELEVATION / SLOPE

PROPOSED PATH
 DETECTABLE WARNINGS

MODEL: Default
 FILE NAME: I:\projects\krcrpt\sub\by.com\sh\krcrpt\07\Documents\112277.044_KreutzerPH12_Dwg\112277.044_CADD\SHEET\9044-SHT-ADA-10.dgn

USER NAME = BW001	DESIGNED - EJB	REVISED -
	DRAWN - EJB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - KE	REVISED -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
ADA PLAN DETAIL**

SCALE: 1"=5' SHEET 10 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	229
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

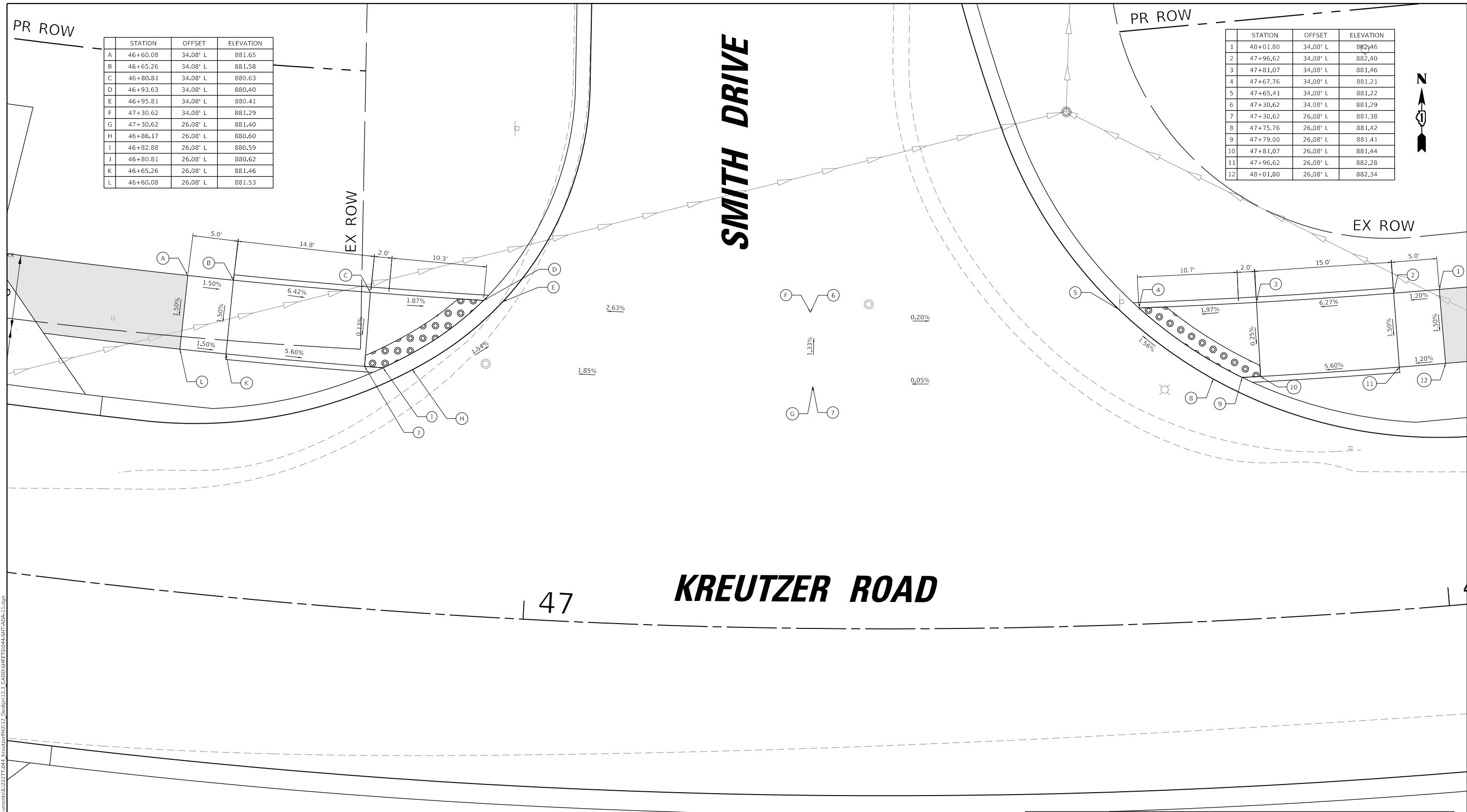
SMITH DRIVE

KREUTZER ROAD

47

	STATION	OFFSET	ELEVATION
A	46+60.08	34.08' L	881.65
B	46+65.26	34.08' L	881.58
C	46+80.81	34.08' L	880.63
D	46+93.63	34.08' L	880.40
E	46+95.81	34.08' L	880.41
F	47+30.62	34.08' L	881.29
G	47+30.62	26.08' L	881.40
H	46+86.17	26.08' L	880.60
I	46+82.88	26.08' L	880.59
J	46+80.81	26.08' L	880.62
K	46+65.26	26.08' L	881.46
L	46+60.08	26.08' L	881.53

	STATION	OFFSET	ELEVATION
1	48+01.80	34.08' L	882.46
2	47+96.62	34.08' L	882.40
3	47+81.07	34.08' L	881.46
4	47+67.76	34.08' L	881.21
5	47+65.41	34.08' L	881.22
6	47+30.62	34.08' L	881.29
7	47+30.62	26.08' L	881.38
8	47+75.76	26.08' L	881.42
9	47+79.00	26.08' L	881.41
10	47+81.07	26.08' L	881.44
11	47+96.62	26.08' L	882.28
12	48+01.80	26.08' L	882.34



LEGEND

(XX.XX) EXISTING ELEVATION / SLOPE

PROPOSED SIDE CURB

XX.X% PROPOSED ELEVATION / SLOPE

PROPOSED PATH

DETECTABLE WARNINGS

MODEL: Default
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USER NAME = BW001	DESIGNED - EJB	REVISED -
	DRAWN - EJB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - KE	REVISED -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

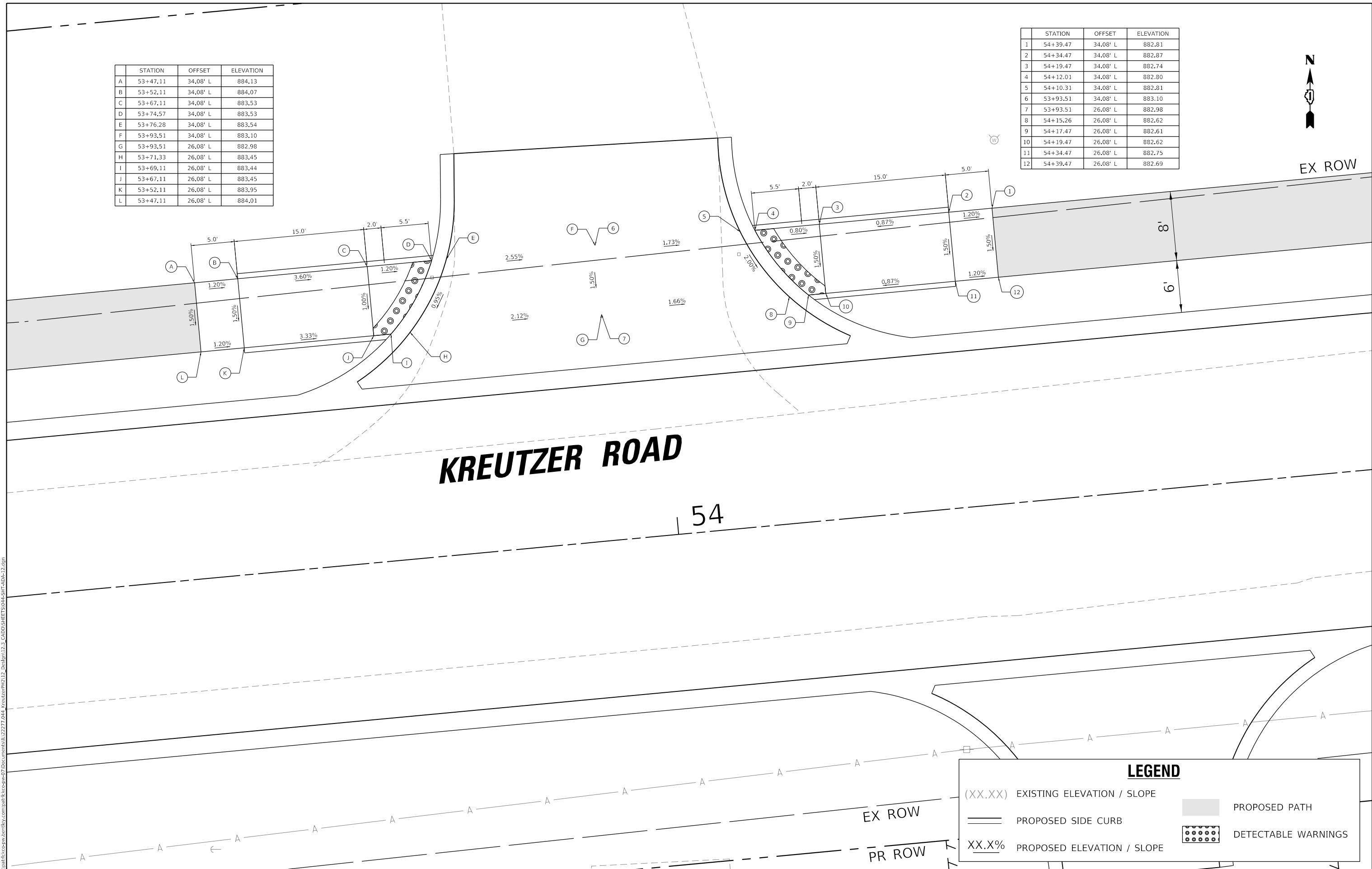
**KREUTZER ROAD
ADA PLAN DETAIL**

SCALE: 1"=5' SHEET 11 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	230
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

	STATION	OFFSET	ELEVATION
A	53+47.11	34.08' L	884.13
B	53+52.11	34.08' L	884.07
C	53+67.11	34.08' L	883.53
D	53+74.57	34.08' L	883.53
E	53+76.28	34.08' L	883.54
F	53+93.51	34.08' L	883.10
G	53+93.51	26.08' L	882.98
H	53+71.33	26.08' L	883.45
I	53+69.11	26.08' L	883.44
J	53+67.11	26.08' L	883.45
K	53+52.11	26.08' L	883.95
L	53+47.11	26.08' L	884.01

	STATION	OFFSET	ELEVATION
1	54+39.47	34.08' L	882.81
2	54+34.47	34.08' L	882.87
3	54+19.47	34.08' L	882.74
4	54+12.01	34.08' L	882.80
5	54+10.31	34.08' L	882.81
6	53+93.51	34.08' L	883.10
7	53+93.51	26.08' L	882.98
8	54+15.26	26.08' L	882.62
9	54+17.47	26.08' L	882.61
10	54+19.47	26.08' L	882.62
11	54+34.47	26.08' L	882.75
12	54+39.47	26.08' L	882.69



KREUTZER ROAD

54

EX ROW

EX ROW

PR ROW

LEGEND

- (XX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDE CURB
- XX.X% PROPOSED ELEVATION / SLOPE
- PROPOSED PATH
- DETECTABLE WARNINGS

MODEL: Default
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PLOT SCALE = 10.0000' / in.	DRAWN - EJB	REVISED -
PLOT DATE = 10/14/2025	CHECKED - KE	REVISED -
	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
ADA PLAN DETAIL**

SCALE: 1"=5' SHEET 12 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	231

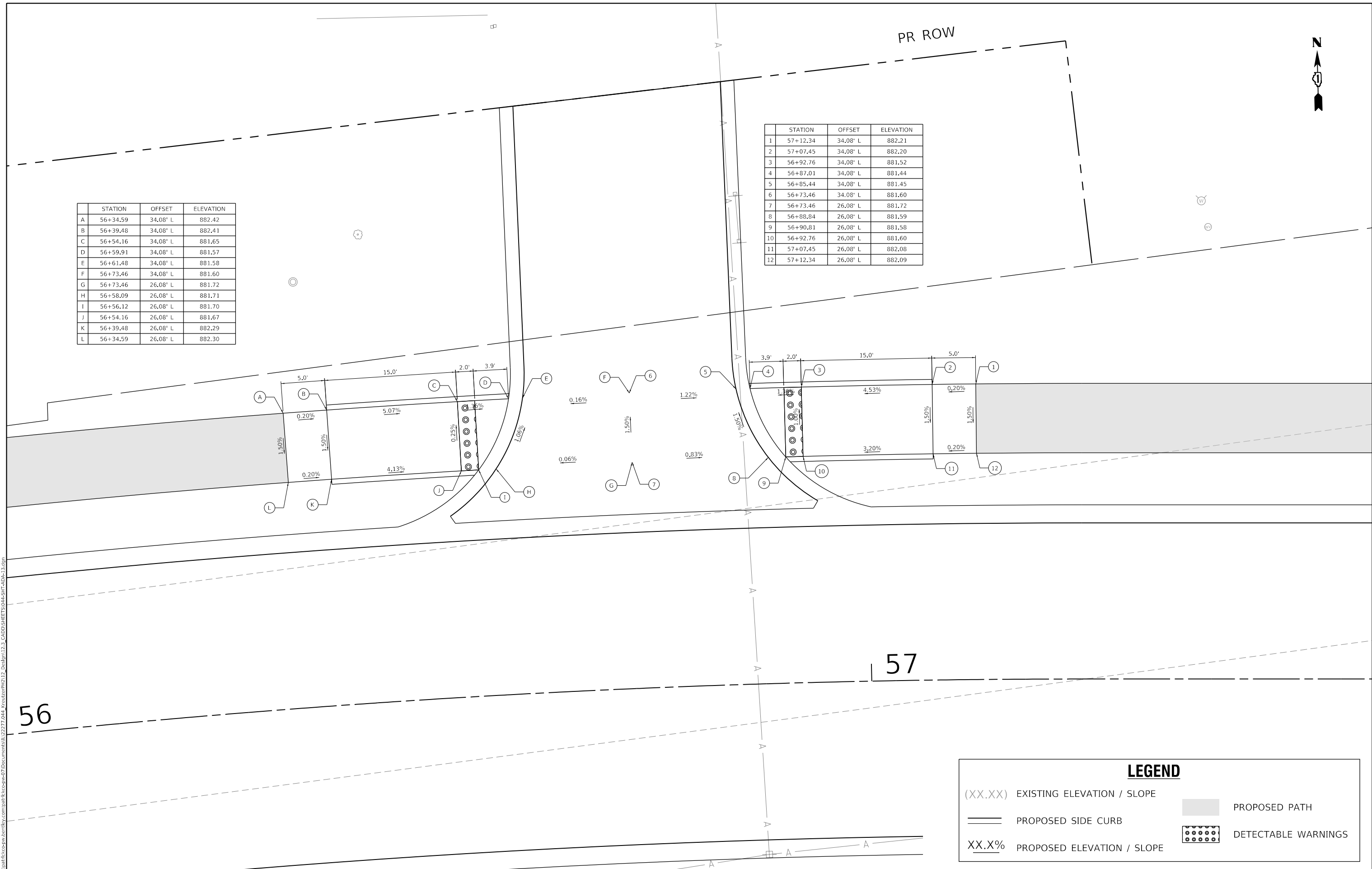
CONTRACT NO. 61L48
ILLINOIS FED. AID PROJECT



PR ROW

	STATION	OFFSET	ELEVATION
A	56+34.59	34.08' L	882.42
B	56+39.48	34.08' L	882.41
C	56+54.16	34.08' L	881.65
D	56+59.91	34.08' L	881.57
E	56+61.48	34.08' L	881.58
F	56+73.46	34.08' L	881.60
G	56+73.46	26.08' L	881.72
H	56+58.09	26.08' L	881.71
I	56+56.12	26.08' L	881.70
J	56+54.16	26.08' L	881.67
K	56+39.48	26.08' L	882.29
L	56+34.59	26.08' L	882.30

	STATION	OFFSET	ELEVATION
1	57+12.34	34.08' L	882.21
2	57+07.45	34.08' L	882.20
3	56+92.76	34.08' L	881.52
4	56+87.01	34.08' L	881.44
5	56+85.44	34.08' L	881.45
6	56+73.46	34.08' L	881.60
7	56+73.46	26.08' L	881.72
8	56+88.84	26.08' L	881.59
9	56+90.81	26.08' L	881.58
10	56+92.76	26.08' L	881.60
11	57+07.45	26.08' L	882.08
12	57+12.34	26.08' L	882.09



56

57

LEGEND

(XX.XX) EXISTING ELEVATION / SLOPE

==== PROPOSED SIDE CURB

XX.X% PROPOSED ELEVATION / SLOPE

■ PROPOSED PATH

⊙⊙⊙⊙⊙⊙ DETECTABLE WARNINGS

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DRAWN - EJB	REVISIONS -	
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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
ADA PLAN DETAIL**

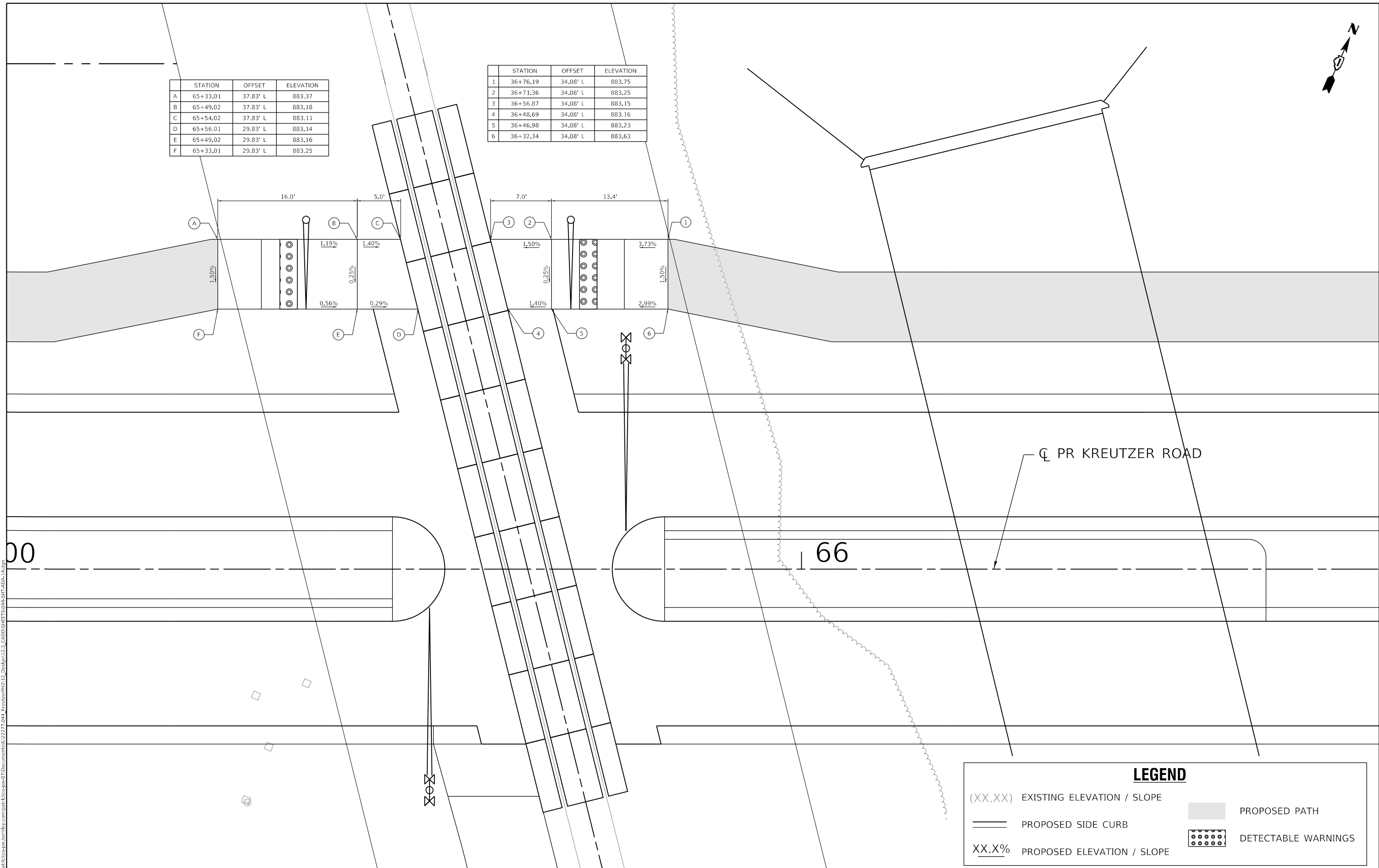
SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	232
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	65+33.01	37.83' L	883.37
B	65+49.02	37.83' L	883.18
C	65+54.02	37.83' L	883.11
D	65+56.01	29.83' L	883.14
E	65+49.02	29.83' L	883.16
F	65+33.01	29.83' L	883.25

	STATION	OFFSET	ELEVATION
1	36+76.19	34.08' L	883.75
2	36+71.36	34.08' L	883.25
3	36+56.87	34.08' L	883.15
4	36+48.69	34.08' L	883.16
5	36+46.98	34.08' L	883.23
6	36+32.34	34.08' L	883.63



CL PR KREUTZER ROAD

00

66

LEGEND

(XX.XX) EXISTING ELEVATION / SLOPE	PROPOSED PATH
==== PROPOSED SIDE CURB	DETECTABLE WARNINGS
XX.X% PROPOSED ELEVATION / SLOPE	

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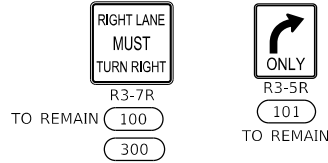
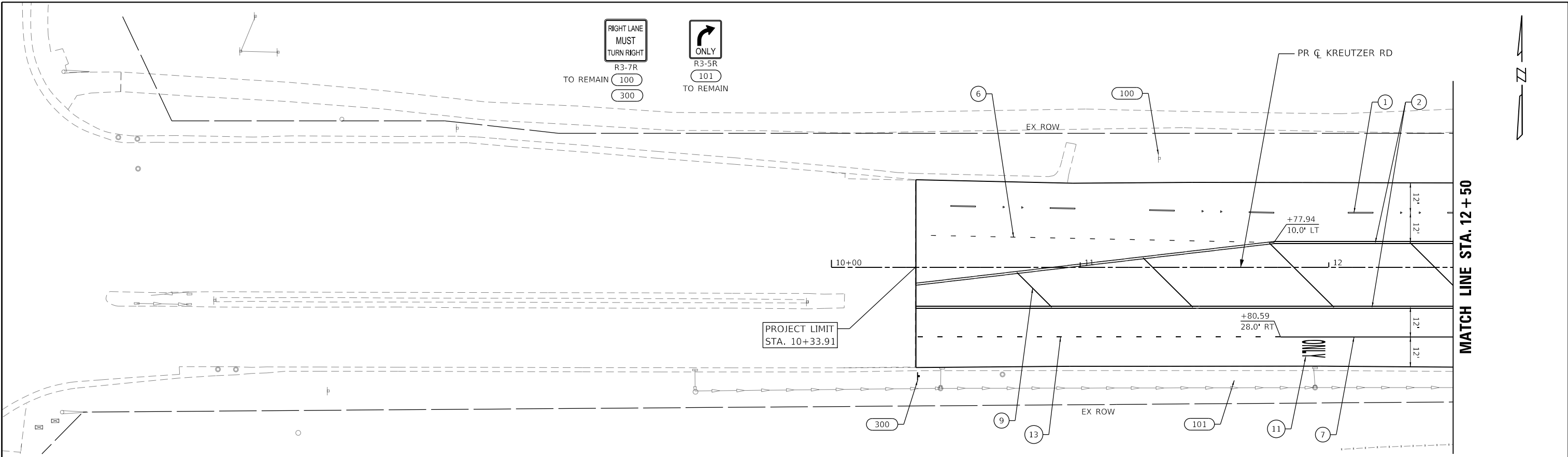
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	DRAWN - EJB	REVISED -
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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
ADA PLAN DETAIL**

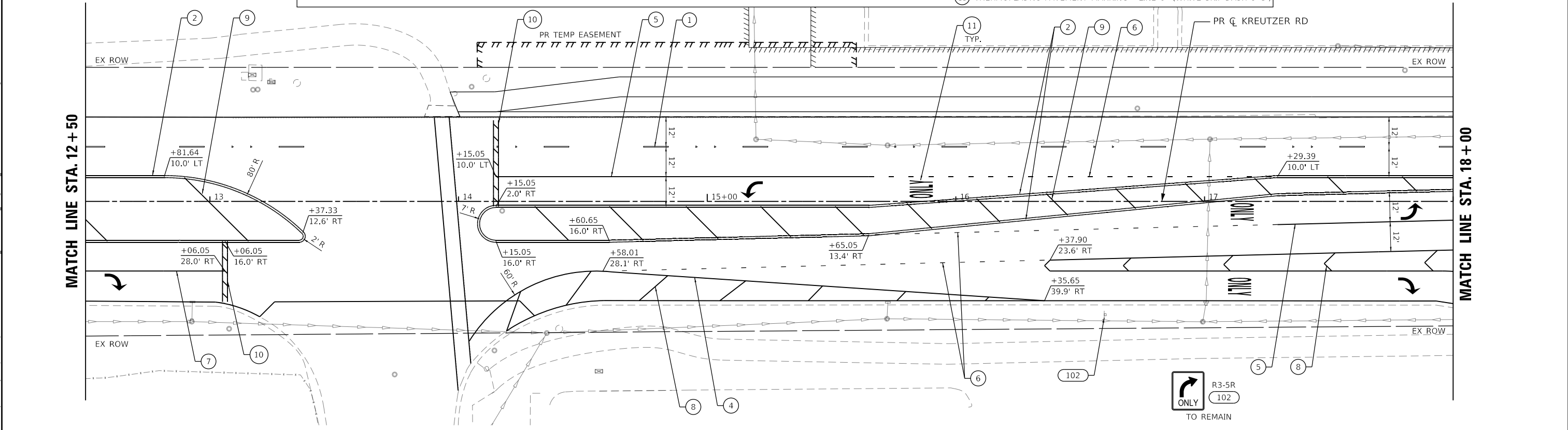
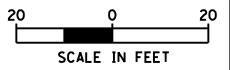
SCALE: SHEET 233 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	233
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 12 + 50

- | | | |
|---|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP-DASH 30'-10') | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP-DASH 6'-2") | ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP-DASH 30'-10') | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) | ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (WHITE) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) |
| | | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE SKIP-DASH 9'-3') |



MATCH LINE STA. 18 + 00

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PROJECT: I:\projects\krcruz\krcruz.dwg
DRAWN: EJB
CHECKED: KE
DATE: 3/03/2025
PLOT SCALE: 40.0000' / in.
PLOT DATE: 10/14/2025

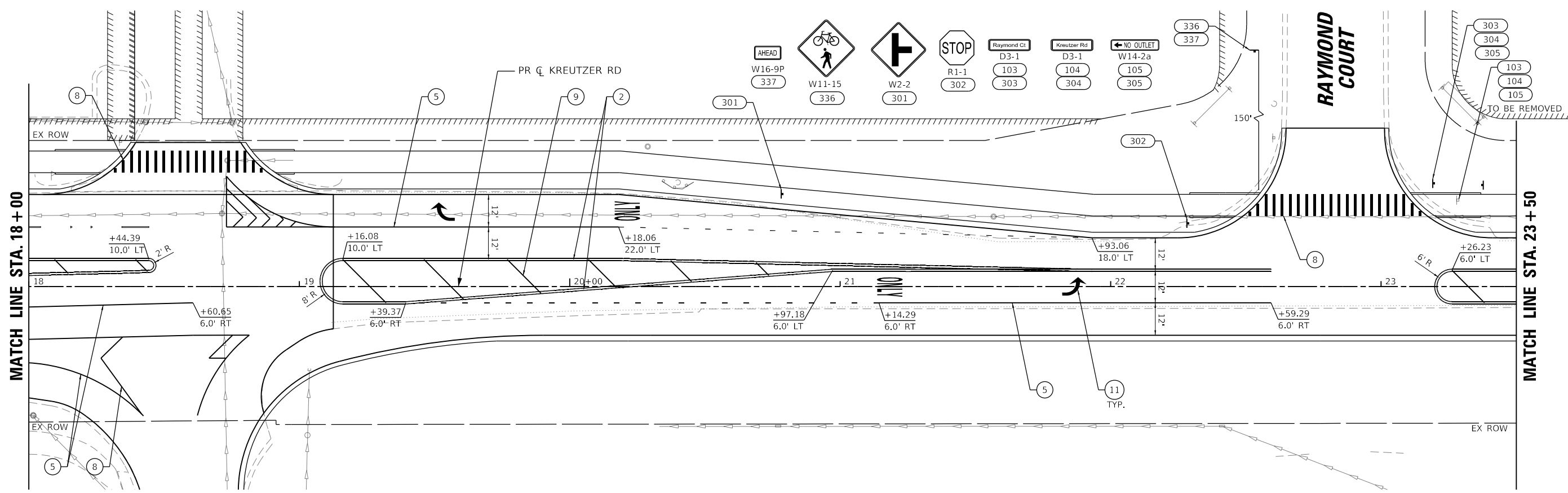
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DRAWN - EJB	CHECKED - KE	REVISED -
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PLOT DATE = 10/14/2025		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

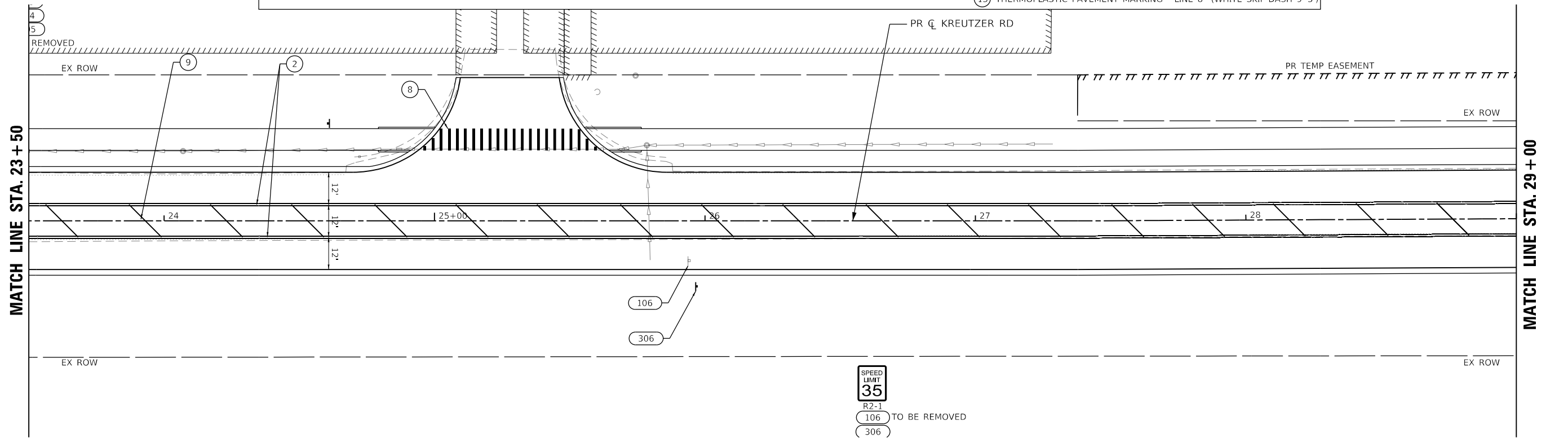
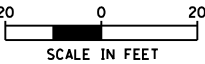
**KREUTZER ROAD
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 10+33.91 TO STA. 18+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	234
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



- | | | |
|---|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP-DASH 30'-10') | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP-DASH 6'-2") | ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP-DASH 30'-10') | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) | ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (WHITE) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) |
| | | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE SKIP-DASH 9'-3") |



MODEL: Default
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 SHEET: 235
 DATE: 3/18/2026

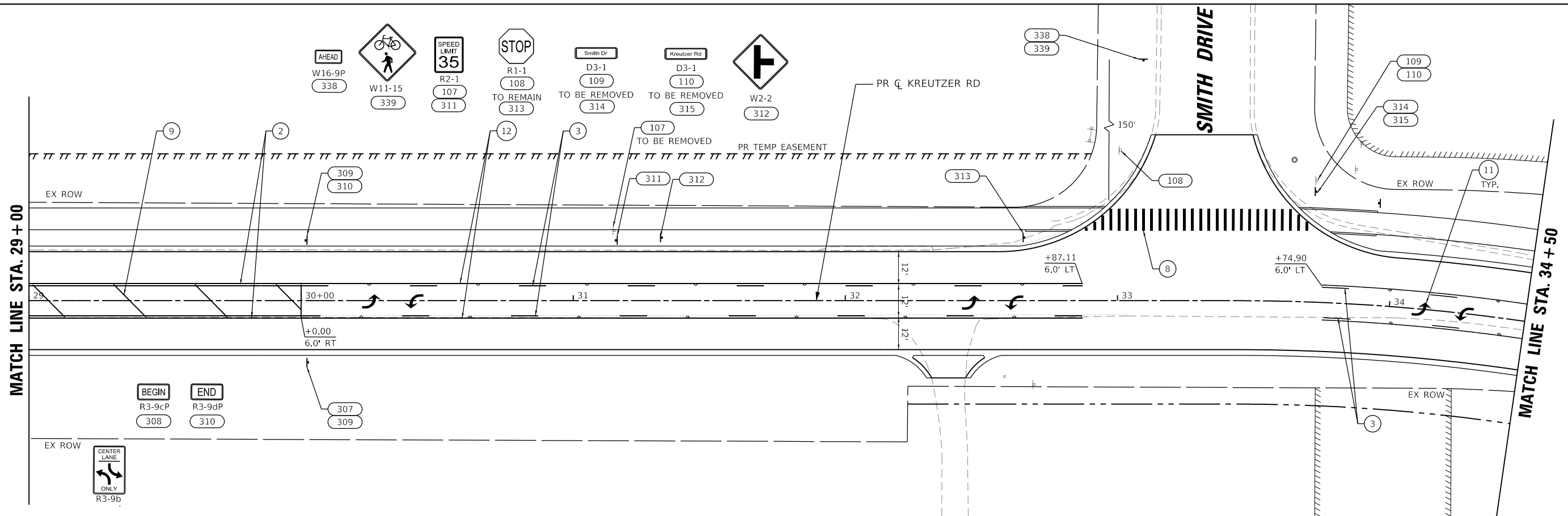
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DRAWN - EJB	REVISED -	
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PLOT DATE = 3/18/2026	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

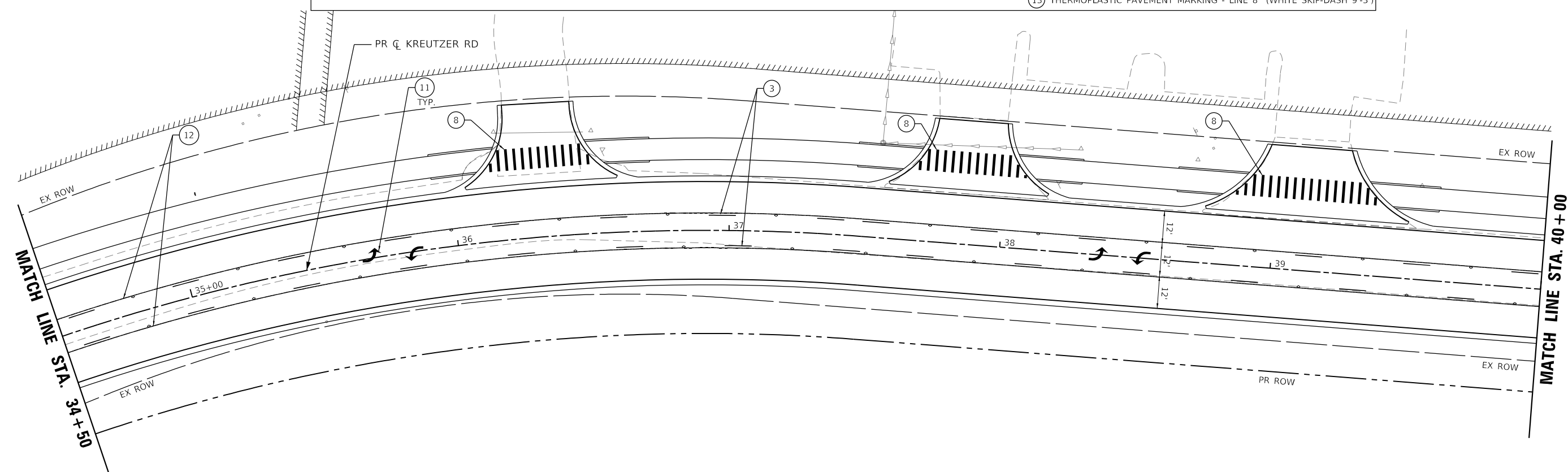
KREUTZER ROAD PAVEMENT MARKING AND SIGNING PLAN			
SCALE: 1"=20'	SHEET 2	OF 7 SHEETS	STA. 18+00 TO STA. 29+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	235
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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 PLOT DATE: 3/18/2026



- | | | |
|---|--|---|
| 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP-DASH 30'-10') | 5 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | 9 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) |
| 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) | 6 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP-DASH 6'-2") | 10 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) |
| 3 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP-DASH 30'-10') | 7 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) | 11 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (WHITE) |
| 4 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) | 8 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) | 12 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) |
| | | 13 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE SKIP-DASH 9'-3') |



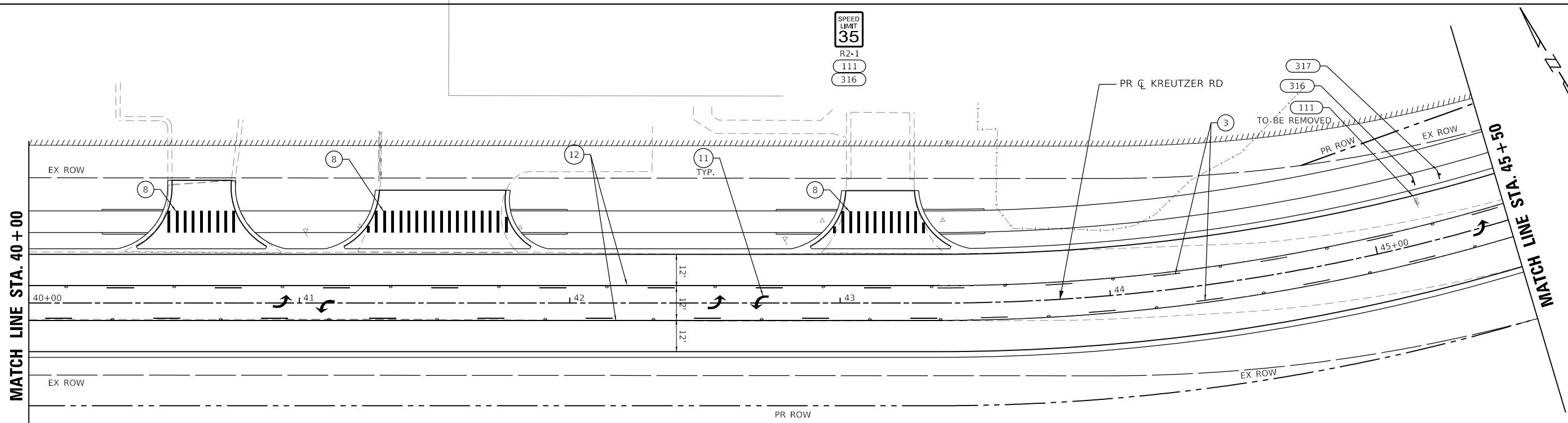
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DRAWN - EJB	REVISOR -	
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PLOT DATE = 3/18/2026	DATE - 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

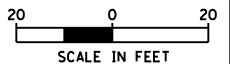
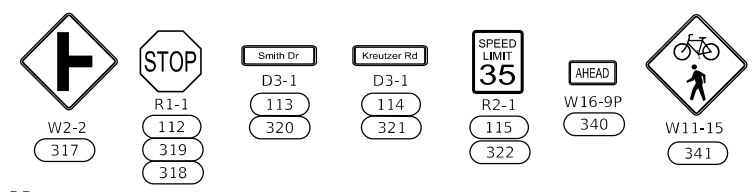
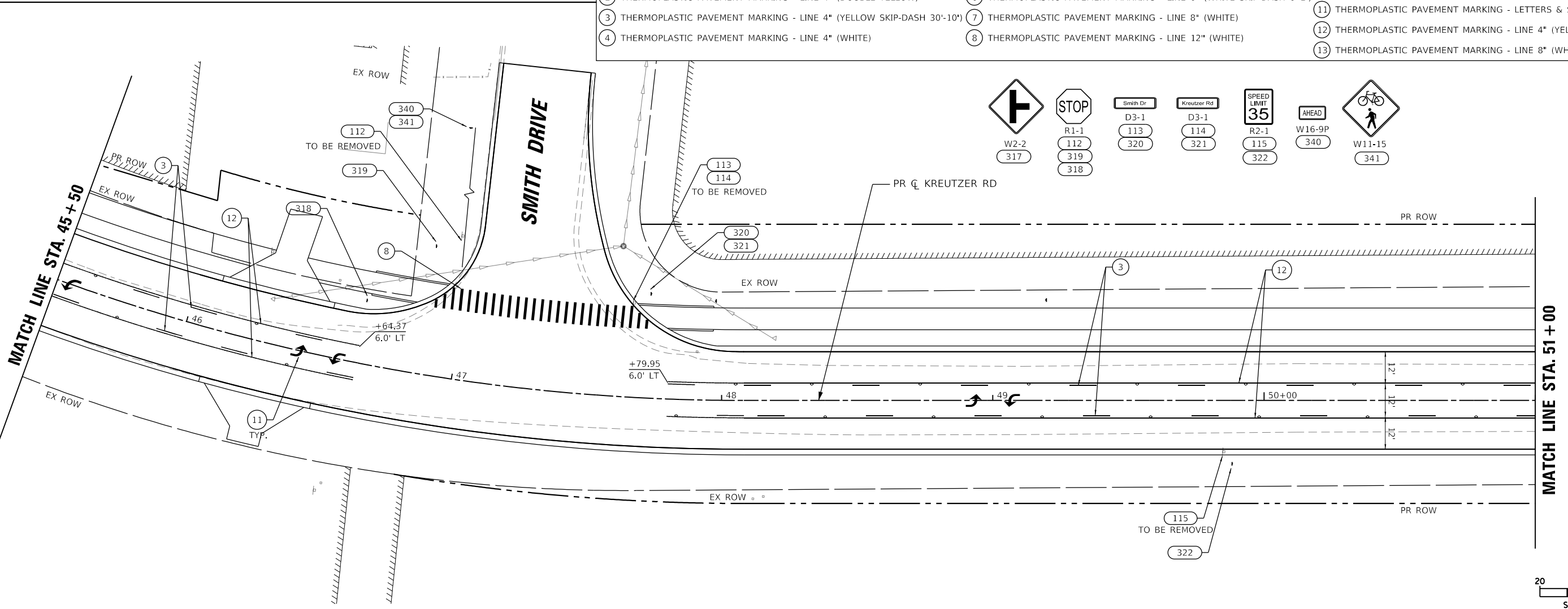
KREUTZER ROAD	
PAVEMENT MARKING AND SIGNING PLAN	
SCALE: 1"=20'	SHEET 3 OF 7 SHEETS
STA. 29+00	TO STA. 40+00

F.A.U. RTE. 2259	SECTION 20-00050-00-PV	COUNTY KANE	TOTAL SHEETS 343	SHEET NO. 236
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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- | | | |
|---|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP-DASH 30'-10') | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP-DASH 6'-2') | ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP-DASH 30'-10') | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) | ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (WHITE) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) |
| | | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE SKIP-DASH 9'-3') |



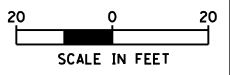
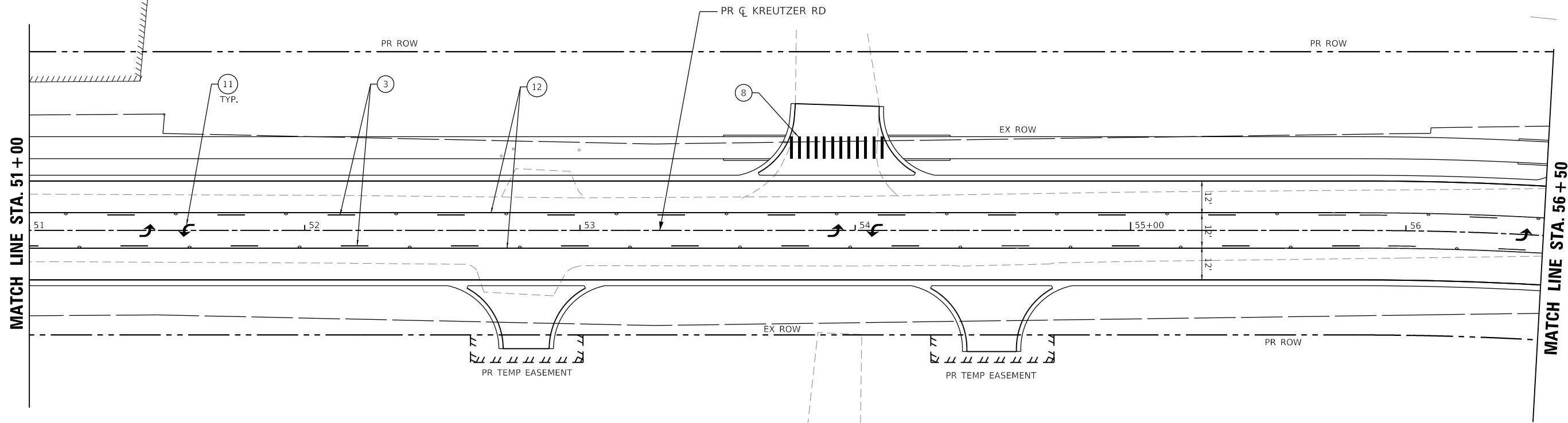
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DRAWN - EJB	REVISED -	
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PLOT DATE = 3/18/2026	DATE - 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

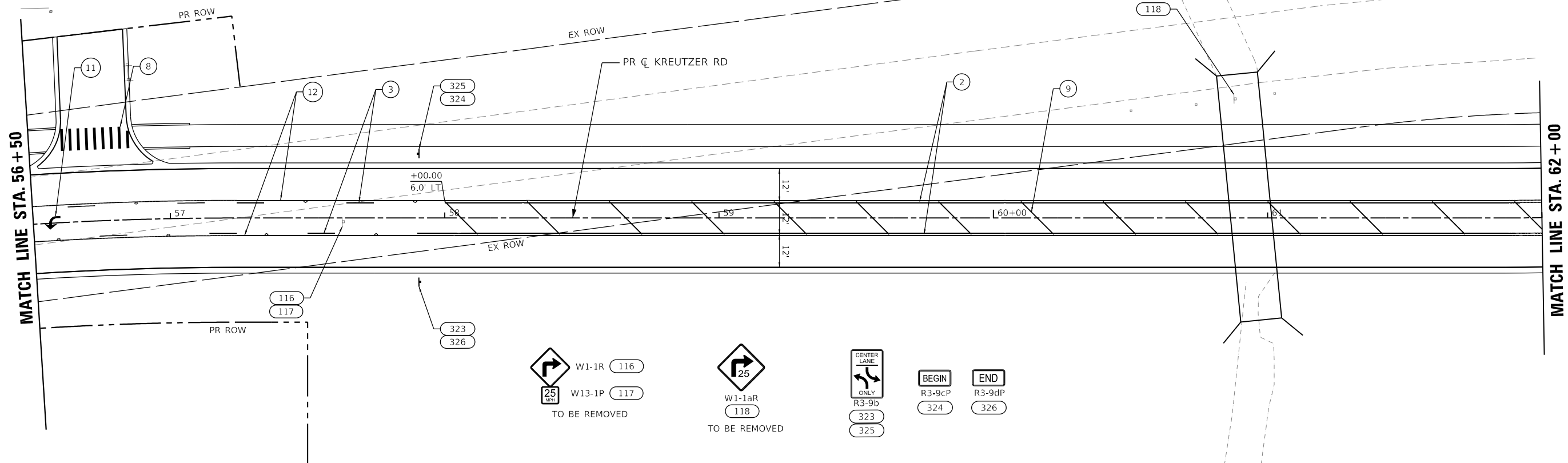
KREUTZER ROAD
PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 40+00 TO STA. 51+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	237
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP-DASH 30'-10')
- 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- 3 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP-DASH 30'-10')
- 4 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
- 5 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- 6 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP-DASH 6'-2')
- 7 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- 8 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- 9 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- 10 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- 11 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (WHITE)
- 12 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- 13 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE SKIP-DASH 9'-3')



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DRAWN - EJB	REVISOR -	REVISED -
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PLOT DATE = 3/18/2026	DATE - 3/03/2025	REVISED -

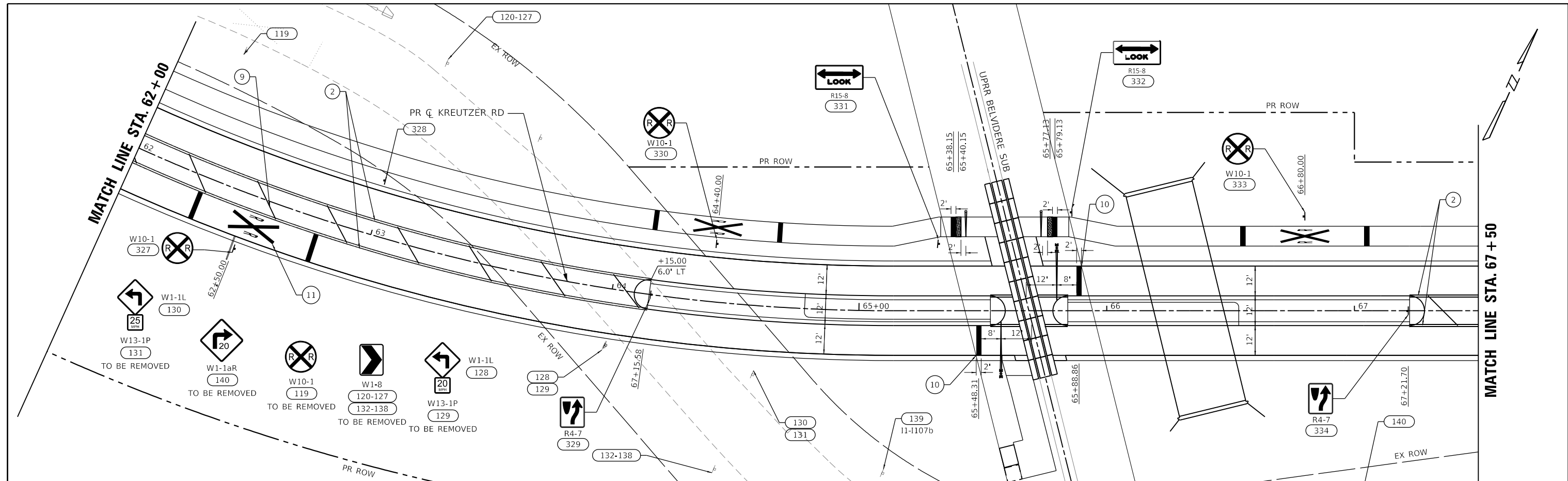
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
PAVEMENT MARKING AND SIGNING PLAN**

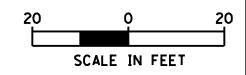
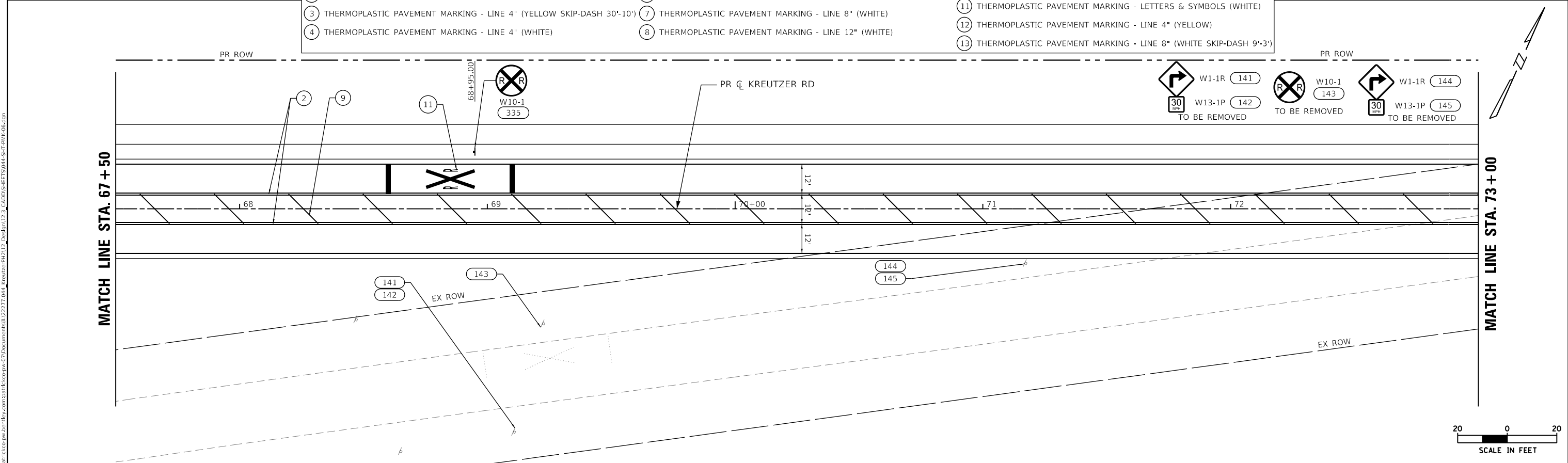
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	238
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

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- | | | |
|---|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP-DASH 30'-10') | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP-DASH 6'-2") | ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP-DASH 30'-10') | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) | ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (WHITE) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) |
| | | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE SKIP-DASH 9'-3") |



USER NAME = BW001	DESIGNED - EJB	REVISED -
DRAWN - EJB	REVISED -	
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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

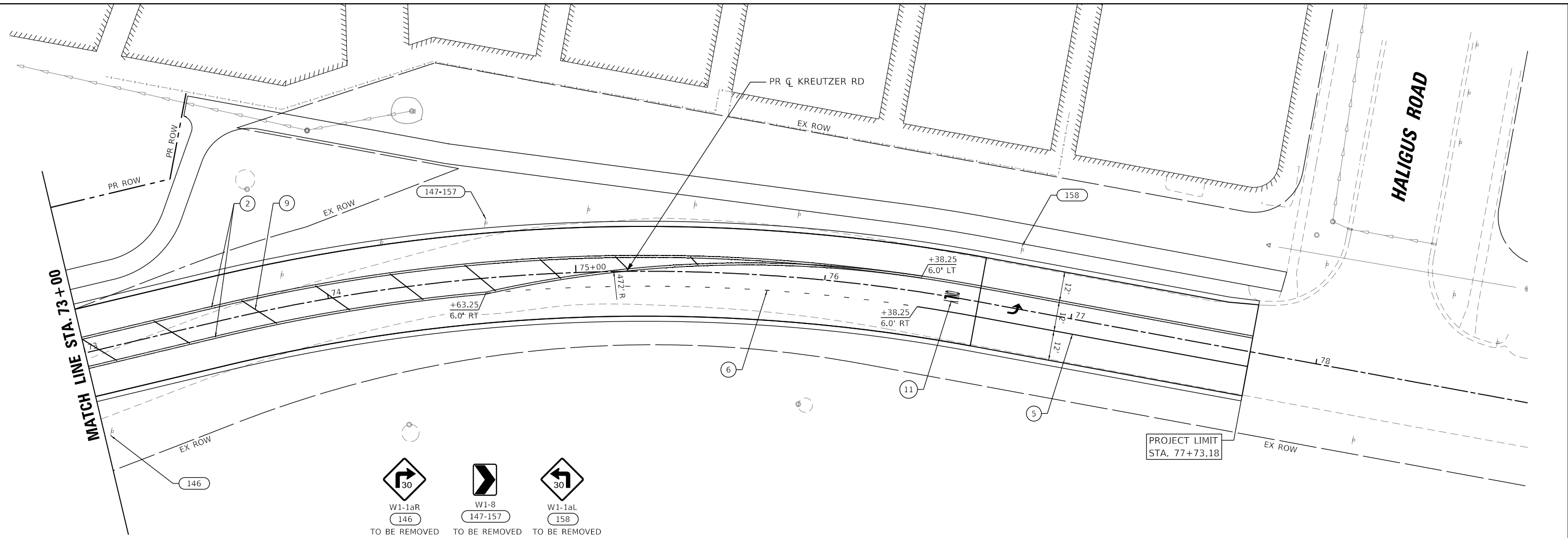
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
PAVEMENT MARKING AND SIGNING PLAN

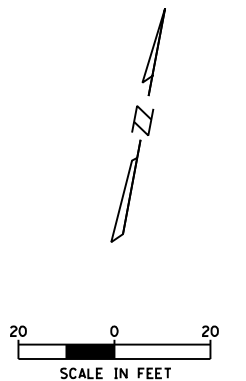
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F.A.U. RTE. 2259	SECTION 20-00050-00-PV	COUNTY KANE	TOTAL SHEETS 343	SHEET NO. 239
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

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- | | | |
|---|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP-DASH 30'-10') | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP-DASH 6'-2") | ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP-DASH 30'-10') | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) | ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (WHITE) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) |
| | | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE SKIP-DASH 9'-3') |



USER NAME = BW001	DESIGNED - EJB	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - EJB	REVISED -
PLOT DATE = 10/14/2025	CHECKED - KE	REVISED -
	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

KREUTZER ROAD PAVEMENT MARKING AND SIGNING PLAN			
SCALE: 1"=20'	SHEET 7	OF 7 SHEETS	STA. 67+50 TO STA. 77+73.18

F.A.U. RTE. 2259	SECTION 20-00050-00-PV	COUNTY KANE	TOTAL SHEETS 343	SHEET NO. 240
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

SIGN SCHEDULE

SIGN I.D.	EXISTING STATION	PROPOSED STATION	OFFSET	MUTCD SIGN DESIGNATION	PANEL DIMENSIONS		PANEL AREA	REMOVE SIGN	REMOVE SIGN	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
					PANEL ASSEMBLY - TYPE A	PANEL ASSEMBLY - TYPE B		SQ FT	FT		
					WIDTH (IN)	HEIGHT (IN)	SQ FT	EACH	EACH	SQ FT	FT
KREUTZER RD											
103	23+28.78		LT	D3-1	24	12	2.0	1			
104				D3-1	24	12	2.0	1			
105				W14-2a	36	8	2.0	1			
106	25+93.76		RT	R2-1	30	36	7.5	1			
107	31+14.73		LT	R2-1	30	36	7.5	1			
109	33+72.02		LT	D3-1	24	12	2.0	1			
110	33+72.02		LT	D3-1	24	12	2.0	1			
111	45+17.86		LT	R2-1	30	36	7.5	1			
112	46+95.94		LT	R1-1	30	30	6.3	1			
113	47+65.43		LT	D3-1	24	12	2.0	1			
114				D3-1	24	12	2.0	1			
115	49+84.60		RT	R2-1	30	36	7.5	1			
116	57+62.67		RT	W1-1R	36	36	9.0		1		
117				W13-1P	18	18	2.3				
118	60+87.71		LT	W1-1aR	36	36	9.0	1			
119	62+24.78		LT	W10-1	30	30	4.9	1			
120	62+02.82		LT	W1-8	18	24	3.0	1			
121				W1-8	18	24	3.0				
122	62+57.40		LT	W1-8	18	24	3.0	1			
123				W1-8	18	24	3.0				
124	63+11.16		LT	W1-8	18	24	3.0	1			
125				W1-8	18	24	3.0				
126	63+59.02		LT	W1-8	18	24	3.0	1			
127				W1-8	18	24	3.0				
128	64+00.00		RT	W1-1L	36	36	9.0		1		
129				W13-1P	18	18	2.3				
130	64+59.17		RT	W1-1L	36	36	9.0		1		
131				W13-1P	18	18	2.3				
132	64+47.63		RT	W1-8	18	24	3.0	1			
133	64+73.28		RT	W1-8	18	24	3.0	1			
134				W1-8	18	24	3.0				
135	65+00.00		RT	W1-8	18	24	3.0	1			
136				W1-8	18	24	3.0				
137	65+27.83		RT	W1-8	18	24	3.0	1			
138				W1-8	18	24	3.0				
139	65+09.97	63+00.00		I1-I107b	30	18	3.8	1			
140	67+02.00		RT	W1-1aR	36	36	9.0	1			
141	69+10.87		RT	W1-1R	36	36	9.0		1		
142				W13-1P	18	18	2.3				
143	69+22.66		RT	W10-1	30	30	4.9	1			
144	71+16.78		RT	W1-1R	36	36	9.0		1		
145				W13-1P	18	18	2.3				
146	73+03.32		RT	W1-1aR	36	36	9.0	1			
147	73+83.72		LT	W1-8	18	24	3.0	1			
148	74+24.40		LT	W1-8	18	24	3.0	1			
149				W1-8	18	24	3.0				
150	74+65.69		LT	W1-8	18	24	3.0	1			
151				W1-8	18	24	3.0				
152	75+05.92		LT	W1-8	18	24	3.0	1			
153				W1-8	18	24	3.0				
154	75+47.32		LT	W1-8	18	24	3.0	1			
155				W1-8	18	24	3.0				
156	75+87.76		LT	W1-8	18	24	3.0	1			
157				W1-8	18	24	3.0				
158	76+75.96		LT	W1-1aL	36	36	9.0	1			

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PLOT SCALE = 40.0000' / in.	DRAWN - BAW	REVISED -
PLOT DATE = 10/14/2025	CHECKED - KE	REVISED -
	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
SIGN SCHEDULE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	241
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

SIGN SCHEDULE											
SIGN I.D.	EXISTING STATION	PROPOSED STATION	OFFSET	MUTCD SIGN DESIGNATION	PANEL DIMENSIONS		PANEL AREA SQ FT	REMOVE SIGN PANEL ASSEMBLY - TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY - TYPE B EACH	SIGN PANEL - TYPE 1 SQ FT	TELESCOPING STEEL SIGN SUPPORT FT
					WIDTH (IN)	HEIGHT (IN)					
KREUTZER RD											
300		10+33.91	RT	R3-7R	36	36	9.0			9.0	15.0
301		20+78.19	LT	W2-2	18	18	2.3			2.3	10.5
302		22+28.19	LT	R1-1	18	18	2.3			2.3	10.5
303		23+19.09	LT	D3-1	24	12	2.0			2.0	12.17
304		23+19.09	LT	D3-1	24	12	2.0			2.0	
305		23+19.09	LT	W14-2a	36	8	2.0			2.0	
306		25+93.76	RT	R2-1	30	36	7.5			7.5	15.0
307		30+02.15	RT	R3-9b	24	36	6.0			6.0	16.0
308		30+02.15	RT	R3-9cP	24	12	2.0			2.0	
309		30+02.15	LT	R3-9b	24	36	6.0			6.0	16.0
310		30+02.15	LT	R3-9dP	24	12	2.0			2.0	
311		31+14.73	LT	R2-1	30	36	7.5			7.5	15.0
312		31+32.07	LT	W2-2	18	18	2.3			2.3	10.5
313		32+65.34	LT	R1-1	18	18	2.3			2.3	10.5
314		33+72.02	LT	D3-1	24	12	2.0			2.0	11.5
315		33+72.02	LT	D3-1	24	12	2.0			2.0	
316		45+17.86	LT	R2-1	30	36	7.5			7.5	15.0
317		45+29.35	LT	W2-2	18	18	2.3			2.3	10.5
318		46+63.57	LT	R1-1	18	18	2.3			2.3	10.5
319		46+86.03	LT	R1-1	30	30	6.3			6.3	14.5
320		47+65.43	LT	D3-1	24	12	2.0			2.0	11.5
321		47+65.43	LT	D3-1	24	12	2.0			2.0	
322		49+84.60	RT	R2-1	30	36	7.5			7.5	15.0
323		57+90.59	RT	R3-9b	24	36	6.0			6.0	16.0
324		57+90.59	RT	R3-9cP	24	12	2.0			2.0	
325		57+90.59	LT	R3-9b	24	36	6.0			6.0	16.0
326		57+90.59	LT	R3-9dP	24	12	2.0			2.0	
327		62+50.00	RT	W10-1	36	36	7.1			7.1	15.0
328		63+00.00	RT	I1-I107b	30	18	3.8			3.8	13.5
329		64+15.58	-	R4-7	24	30	5.0			5.0	12.5
330		64+39.33	LT	W10-1	24	24	3.1			3.1	11.0
331		65+31.54	LT	R15-8	18	9	1.1			1.1	9.8
332		65+85.97	LT	R15-8	18	9	1.1			1.1	9.8
333		66+79.97	LT	W10-1	24	24	3.1			3.1	11.0
334		67+21.70	-	R4-7	24	30	5.0			5.0	12.5
335		68+95.00	LT	W10-1	36	36	7.1			7.1	15.0
336		RAYMOND COURT		W11-15	36	36	9.0			9.0	16.0
337		RAYMOND COURT		W16-9P	24	12	2.0			2.0	
338		SMITH DRIVE		W11-15	36	36	9.0			9.0	16.0
339		SMITH DRIVE		W16-9P	24	12	2.0			2.0	
340		SMITH DRIVE		W11-15	36	36	9.0			9.0	16.0
341		SMITH DRIVE		W16-9P	24	12	2.0			2.0	
TOTAL								33	5	175	410

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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
SIGN SCHEDULE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	242
			CONTRACT NO. 61L48	
		ILLINOIS	FED. AID PROJECT	

LANDSCAPING NOTES

1. THE CONTRACTOR SHALL AVOID ALL EXISTING UTILITIES (UNDERGROUND AND OVERHEAD) WHERE APPLICABLE. FIELD ADJUSTMENTS RECOMMENDED BY THE CONTRACTOR AND INTENDED TO AVOID DISTURBING ANY SUCH UTILITIES MUST BE APPROVED BY THE ENGINEER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF WORK. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUME ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL.
2. ALL PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION, 230 SOUTHERN BUILDING, WASHINGTON DC 20005 (ANSI Z60.1).
3. THE CONTRACTOR SHALL PLANT TREES AND SHRUBS AFTER THE FINAL GRADES HAVE BEEN ESTABLISHED AND PRIOR TO SEEDING.
4. PRUNE BROKEN OR CROSS BRANCHING PLANTING WHERE REQUIRED. DO NOT REMOVE LEADERS.
5. ALL PLANT MATERIALS SHALL BE INSTALLED IN PLANTING AREAS IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. ALL PLANTING AREAS FOUND TO BE NON-COMPLIANT SHALL BE REMOVED AND REPLANTED BY THE CONTRACTOR AT NO ADDITIONAL COST.
6. THE LANDSCAPE ARCHITECT OR THE ENGINEER RESERVES THE RIGHT TO REJECT PLANTING MATERIAL ON SITE WHETHER STOCK-PILED OR PLANTED IN PLACE. REJECTED MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND REPLACED WITH ACCEPTABLE PLANT MATERIAL AT NO ADDITIONAL COST.
7. AN APPROVED PRE-EMERGENT HERBICIDE SHALL BE APPLIED IN ALL PLANTING BEDS AT THE RATE SPECIFIED AND RECOMMENDED BY THE MANUFACTURE FOR EACH PLANT VARIETY. SEE SPECIFICATIONS.
8. THE CONTRACTOR SHALL KEEP ALL PAVEMENT SURFACES AND WORK AREAS CLEAN. EACH TRADE ON THE SITE WILL BE REQUIRED TO CLEAN AND DISCARD ALL CONSTRUCTION RELATED DEBRIS FROM THE WORK AREA AT THE END OF EACH DAY
9. THE LANDSCAPE CONTRACTOR SHALL PROTECT ALL WORK SURFACES FROM DAMAGES BY OTHERS UNTIL HIS WORK IS COMPLETE AND ACCEPTED BY THE ENGINEER.
10. SUBSTITUTIONS OF PLANT MATERIAL DUE TO AVAILABILITY OF MATERIALS SPECIFIED SHALL BE APPROVED BY THE ENGINEER AND COORDINATED WITH THE LANDSCAPE ARCHITECT. ALL SUBSTITUTED PLANT MATERIALS SHALL BE EQUAL TO OR LARGER THAN THE ITEMS SPECIFIED ON THE PLANT LIST.
11. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

PLANTSCHEDULE						
PAY CODE#	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	COND.	QTY
DECIDUOUS TREES						
A2000086	Ac fr 'A'	Acer x freemanii 'Armstrong'	Armstrong Maple	2 1/2"	B&B	11
A2004520	Gi bi 'PS'	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	2 1/2"	B&B	6
A2007170	Qu ro 'L'	Quercus robur x bicolor 'Long'	Regal Prince Oak	2 1/2"	B&B	6
EVERGREEN TREES						
D2001660	Ju vi 'C'	Juniperus virginiana 'Canaertii'	Eastern Redcedar	5'	B&B	43
D2001760	Pi ab	Picea abies	Norway Spruce	5'	B&B	3
D2002060	Pi om	Picea omorika	Serbian Spruce	5'	B&B	6
D2002172	Pi pu	Picea pungens	Colorado Spruce	6'	B&B	9
D2002972	Pi st	Pinus strobus / White Pine	White Pine	6'	B&B	5
D2003872	Th oc 'T'	Thuja occidentalis 'Techny'	Green Giant Arborvitae	6'	B&B	27
ORNAMENTAL TREES						
A2002476	Be ni 'H'	Betula nigra 'Heritage'	Heritage River Birch	12'	B&B	9

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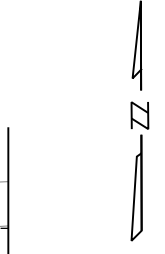
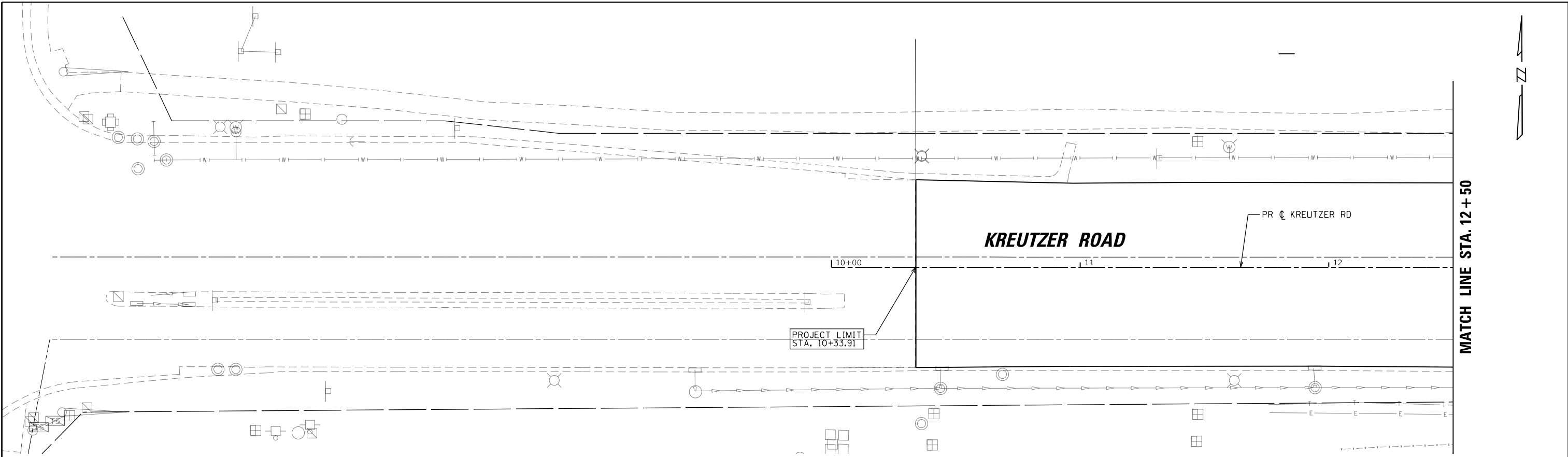
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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2026	DATE = 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
LANDSCAPING GENERAL NOTES



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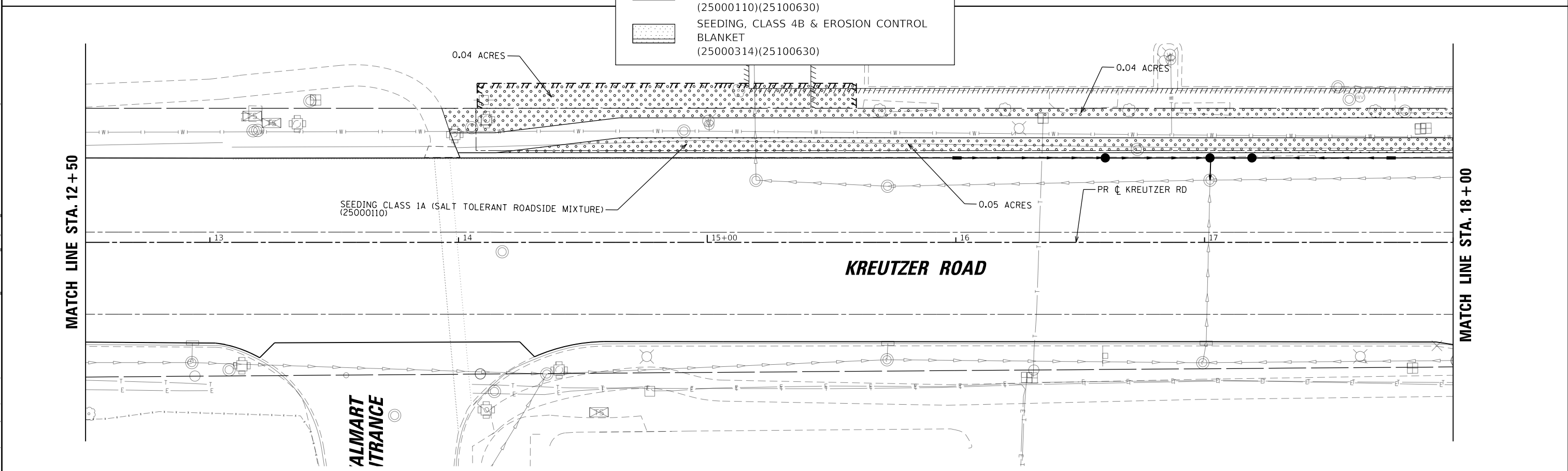
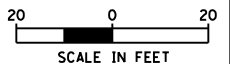
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	SN 20-00050-00-PV	KANE	343	243
CONTRACT NO. 61L48				
		ILLINOIS	FED. AID PROJECT	



MATCH LINE STA. 12 + 50

LEGEND

-  SEEDING, CLASS 1A & EROSION CONTROL BLANKET (25000110)(25100630)
-  SEEDING, CLASS 4B & EROSION CONTROL BLANKET (25000314)(25100630)



MATCH LINE STA. 18 + 00

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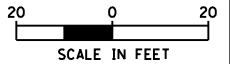
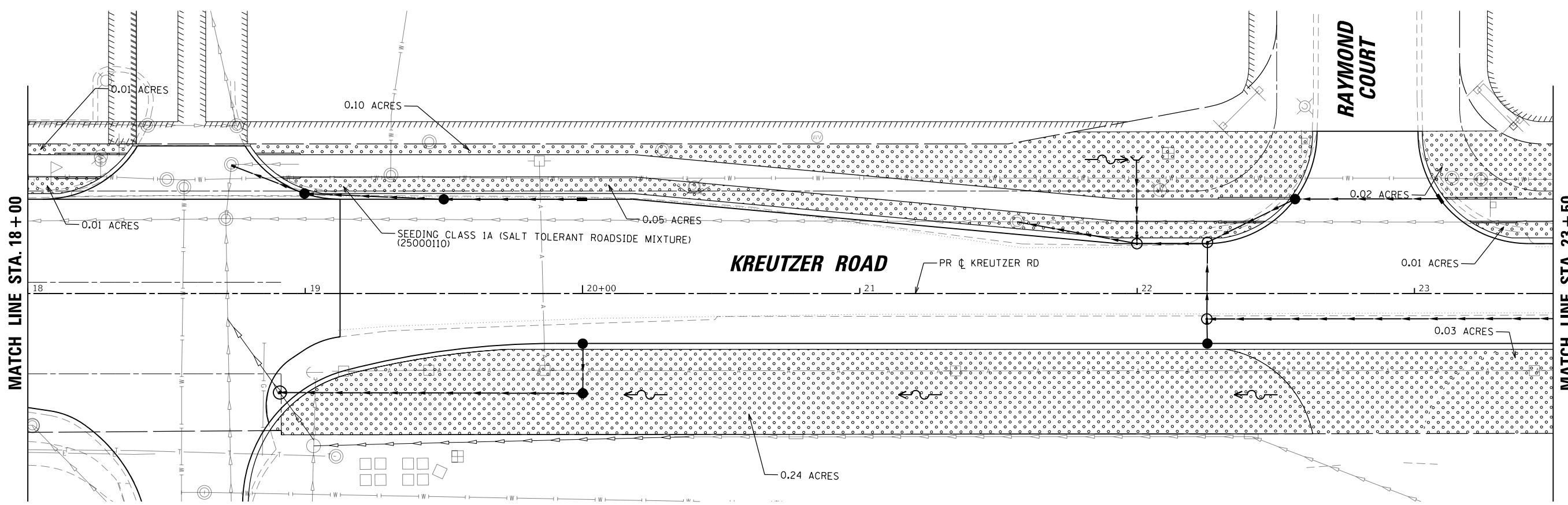
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

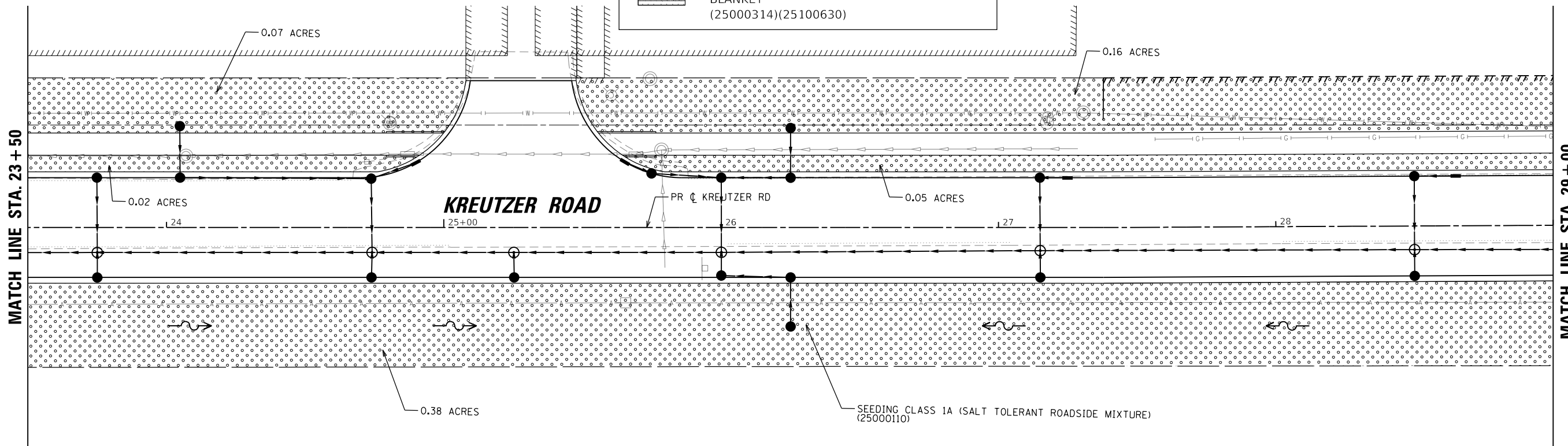
**KREUTZER ROAD
LANDSCAPING PLAN**

SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. 10+33.91 TO STA. 18+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	244
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



LEGEND	
	SEEDING, CLASS 1A & EROSION CONTROL BLANKET (25000110)(25100630)
	SEEDING, CLASS 4B & EROSION CONTROL BLANKET (25000314)(25100630)



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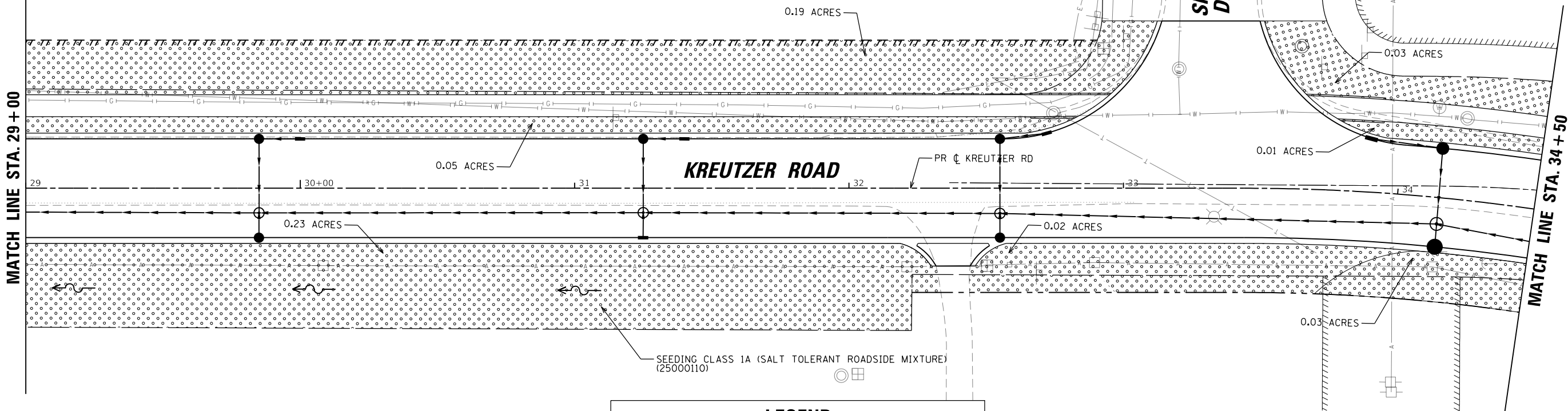
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD LANDSCAPING PLAN			
SCALE: 1"=20'	SHEET 2	OF 8 SHEETS	STA. 18+00 TO STA. 29+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	245
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

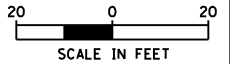
MATCH LINE STA. 29+00

MATCH LINE STA. 34+50



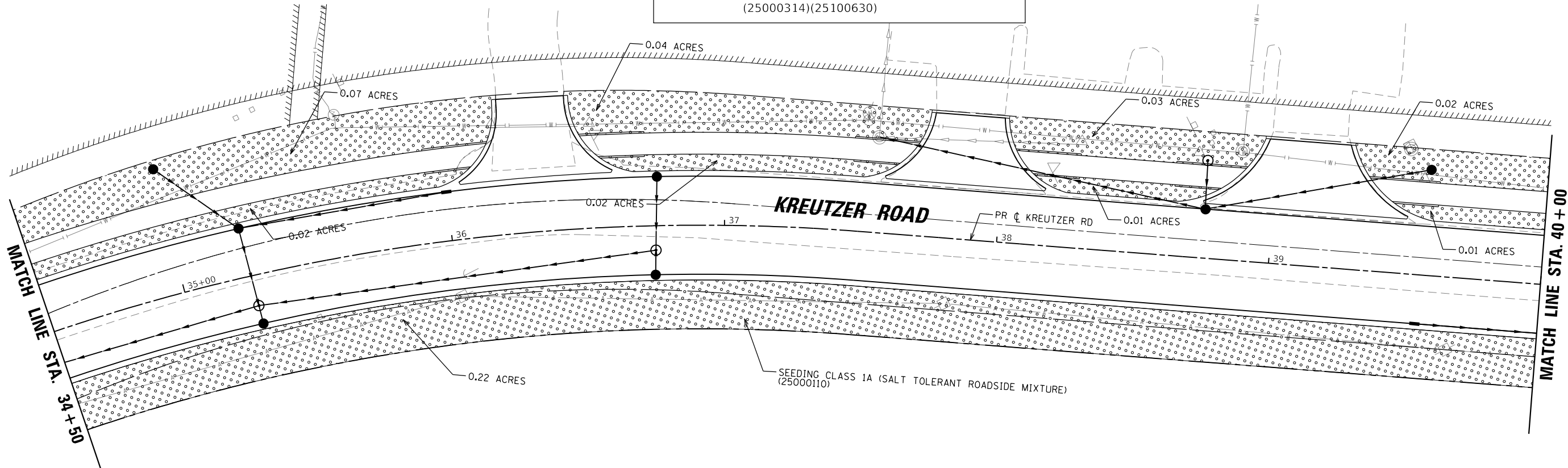
LEGEND

- SEEDING, CLASS 1A & EROSION CONTROL BLANKET (25000110)(25100630)
- SEEDING, CLASS 4B & EROSION CONTROL BLANKET (25000314)(25100630)



MATCH LINE STA. 34+50

MATCH LINE STA. 40+00



LEGEND

- SEEDING, CLASS 1A (SALT TOLERANT ROADSIDE MIXTURE) (25000110)

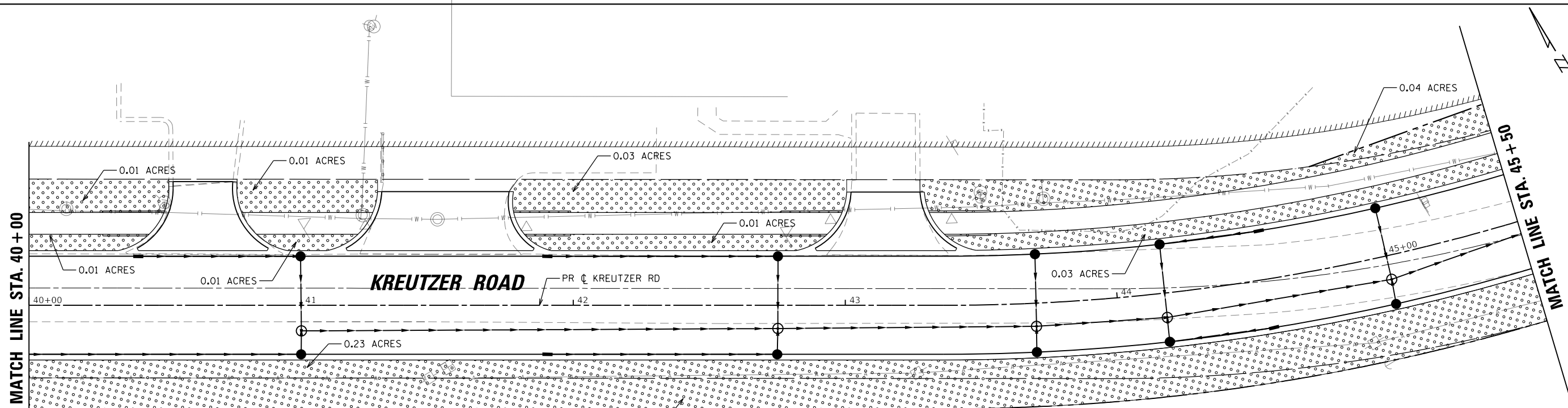
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DRAWN - EJB	REVISED -	
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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KREUTZER ROAD LANDSCAPING PLAN			
SCALE: 1"=20'	SHEET 3	OF 8 SHEETS	STA. 29+00 TO STA. 40+00

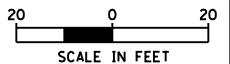
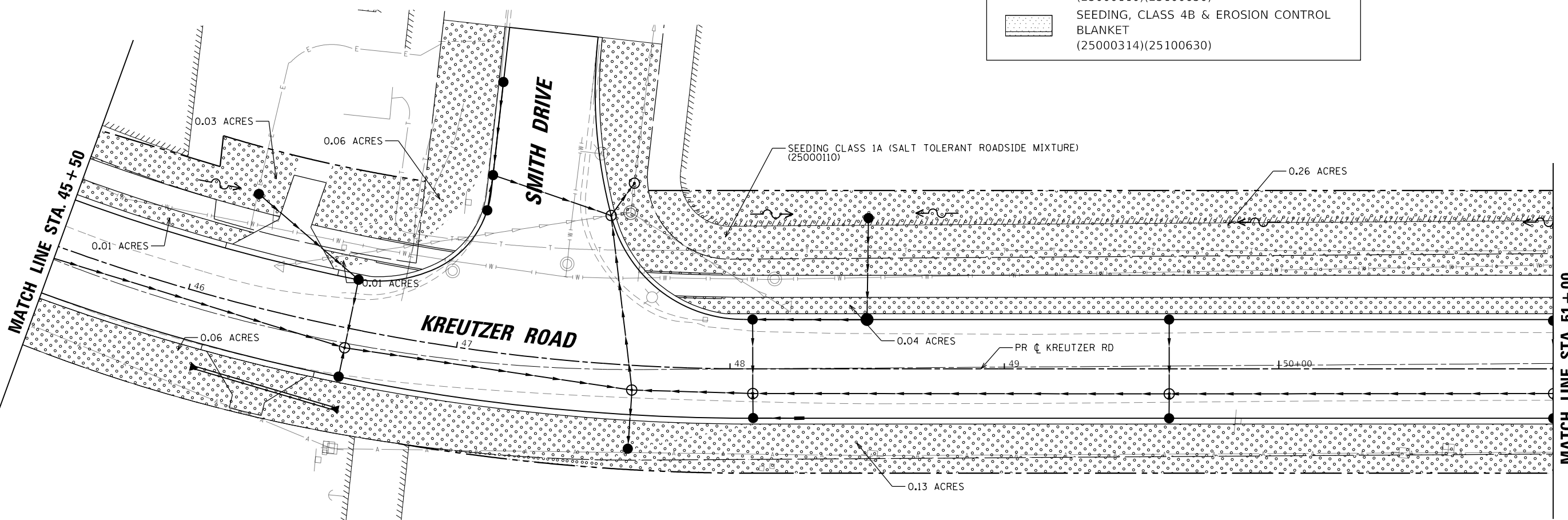
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2259	20-00050-00-PV	KANE	343	246
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L48	



SEEDING CLASS 1A (SALT TOLERANT ROADSIDE MIXTURE)
(25000110)

LEGEND

- SEEDING, CLASS 1A & EROSION CONTROL BLANKET (25000110)(25100630)
- SEEDING, CLASS 4B & EROSION CONTROL BLANKET (25000314)(25100630)



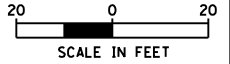
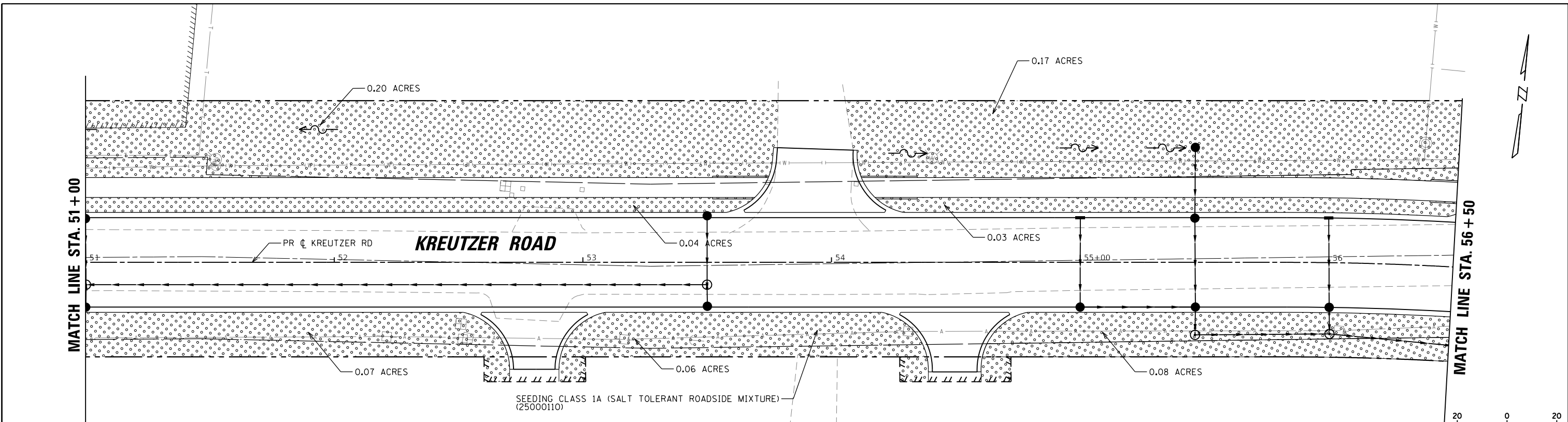
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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KREUTZER ROAD LANDSCAPING PLAN			
SCALE: 1"=20'	SHEET 4	OF 8 SHEETS	STA. 40+00 TO STA. 51+00

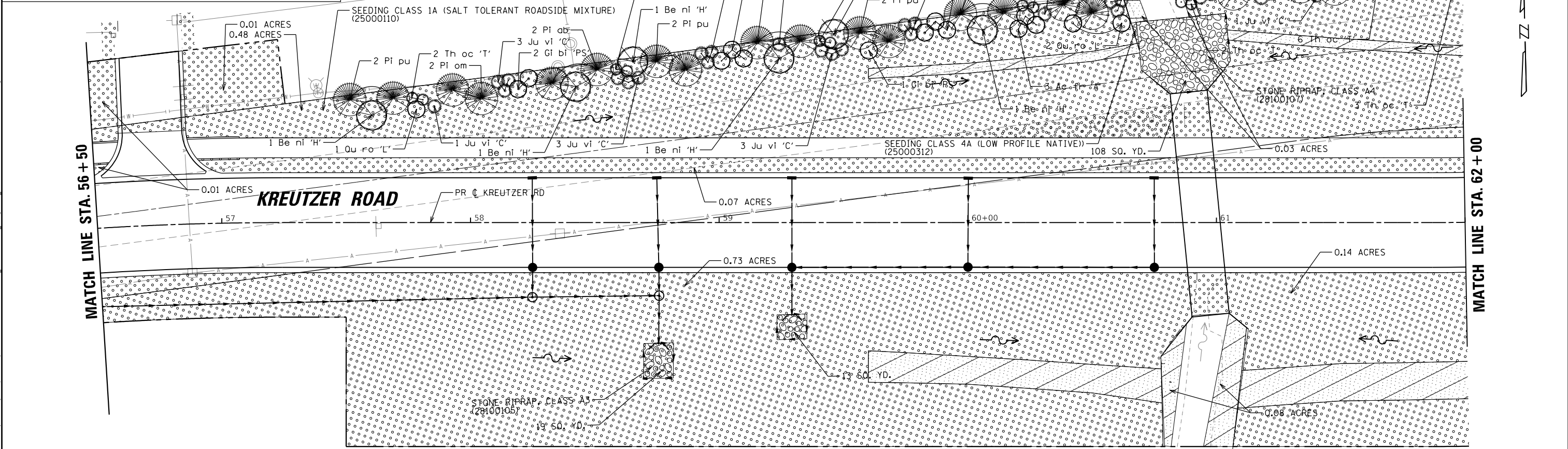
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	247
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



LEGEND

SEEDING, CLASS 1A & EROSION CONTROL BLANKET (25000110)(25100630)

SEEDING, CLASS 4B & EROSION CONTROL BLANKET (25000314)(25100630)



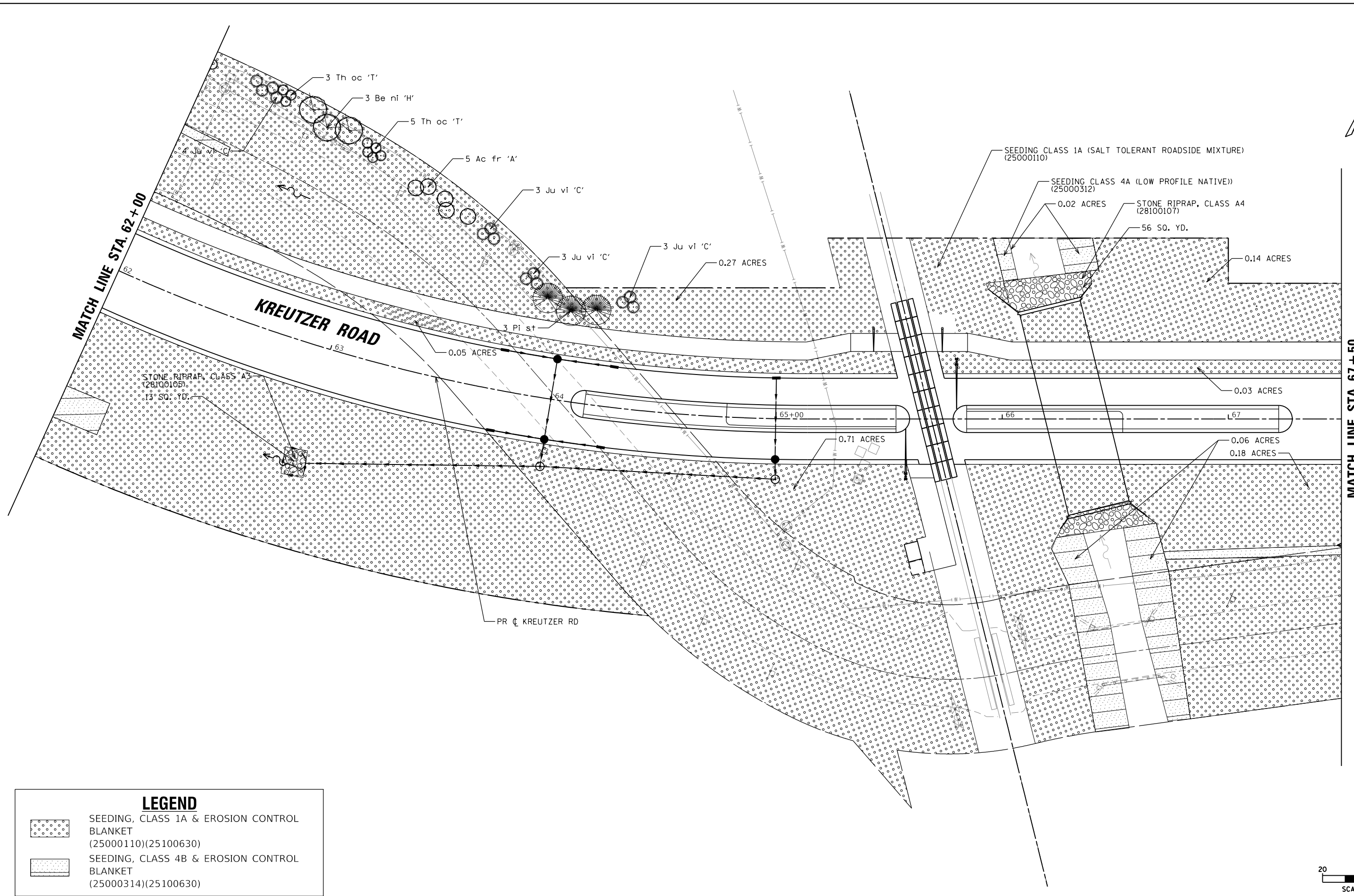
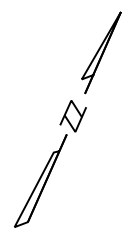
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 CHECKED: = KE
 DATE: = 10/31/2025
 REVISED: =
 REVISED: =
 REVISED: =
 REVISED: =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
LANDSCAPING PLAN

SCALE: 1"=20' SHEET 5 OF 8 SHEETS STA. 51+00 TO STA. 62+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	248
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 62+00

MATCH LINE STA. 67+50

KREUTZER ROAD

STONE RIPRAP, CLASS A4
(28100105)
13 SQ. YD.

SEEDING CLASS 1A (SALT TOLERANT ROADSIDE MIXTURE)
(25000110)

SEEDING CLASS 4A (LOW PROFILE NATIVE)
(25000312)

STONE RIPRAP, CLASS A4
(28100107)

0.05 ACRES

0.27 ACRES

0.14 ACRES

0.71 ACRES



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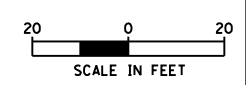
0.06 ACRES

0.18 ACRES

PR C KREUTZER RD

LEGEND

-  SEEDING, CLASS 1A & EROSION CONTROL BLANKET (25000110)(25100630)
-  SEEDING, CLASS 4B & EROSION CONTROL BLANKET (25000314)(25100630)



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

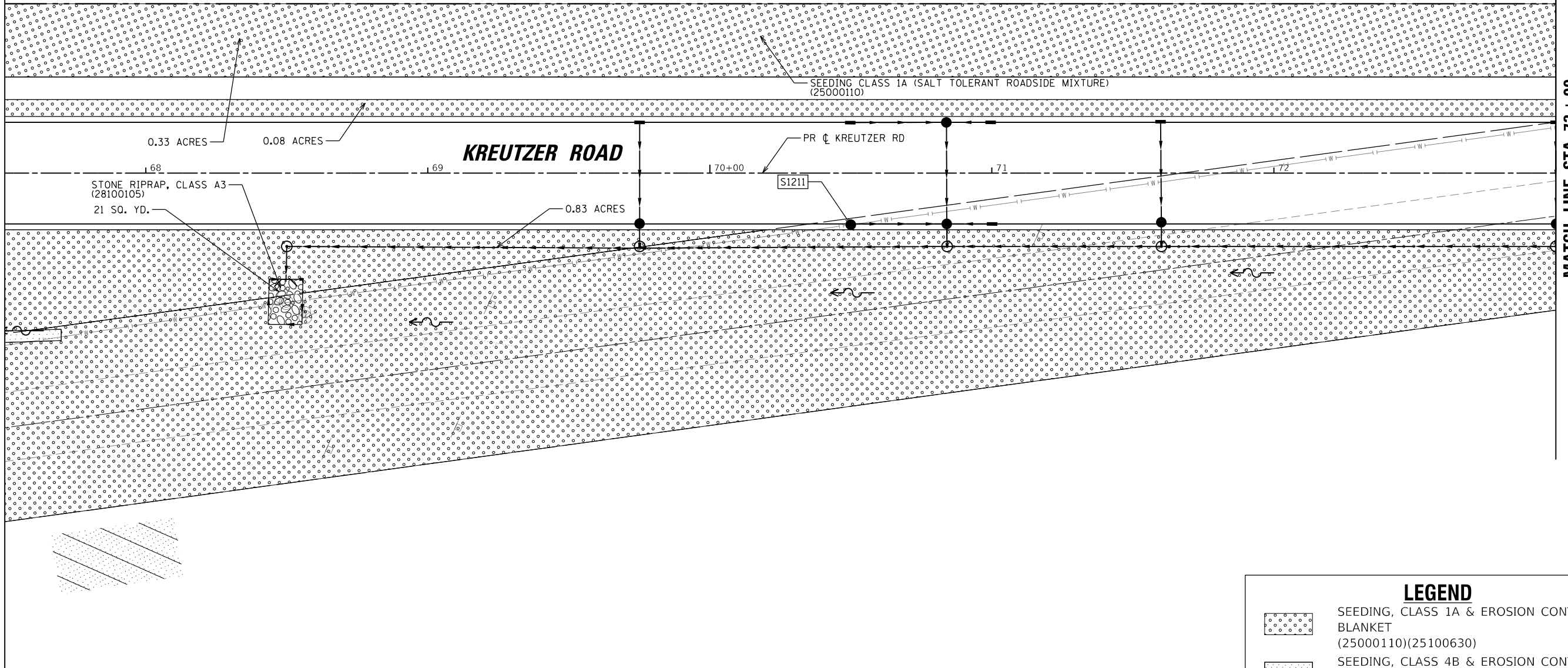
**KREUTZER ROAD
LANDSCAPING PLAN**

SCALE: 1"=20' SHEET 6 OF 8 SHEETS STA. 62+00 TO STA. 67+50

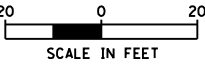
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	249
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 67 + 50

MATCH LINE STA. 73 + 00



LEGEND	
	SEEDING, CLASS 1A & EROSION CONTROL BLANKET (25000110)(25100630)
	SEEDING, CLASS 4B & EROSION CONTROL BLANKET (25000314)(25100630)



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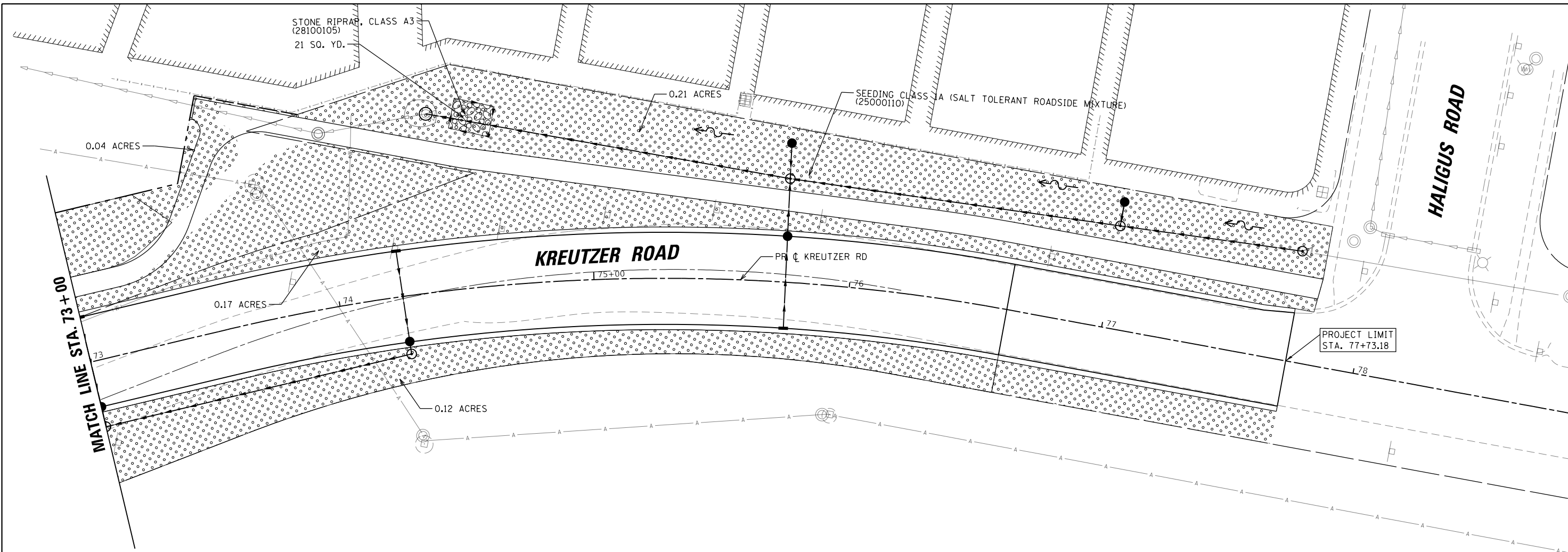
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

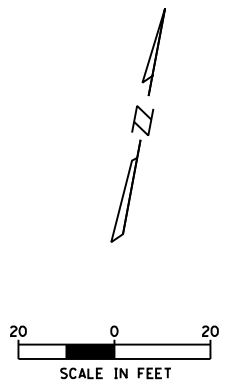
KREUTZER ROAD
LANDSCAPING PLAN

SCALE: 1"=20' SHEET 7 OF 8 SHEETS STA. 67+50 TO STA. 73+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	250
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



LEGEND	
	SEEDING, CLASS 1A & EROSION CONTROL BLANKET (25000110)(25100630)
	SEEDING, CLASS 4B & EROSION CONTROL BLANKET (25000314)(25100630)



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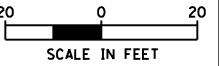
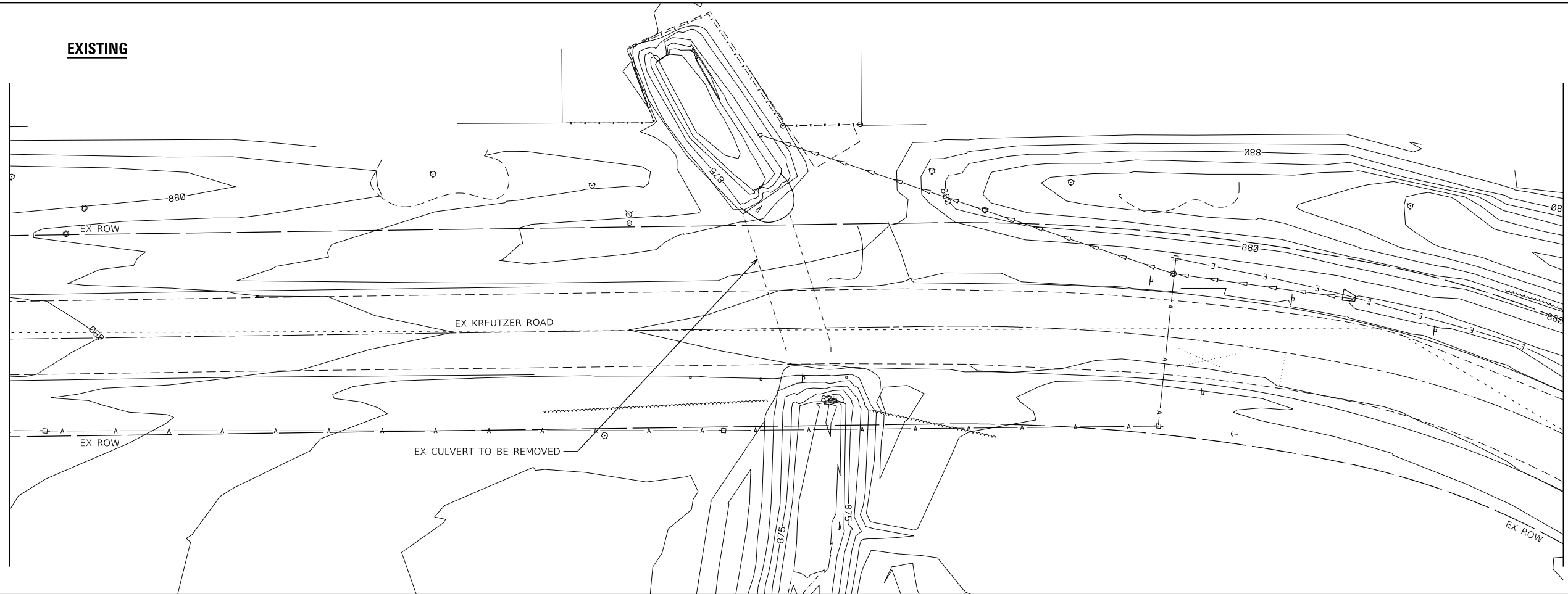
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

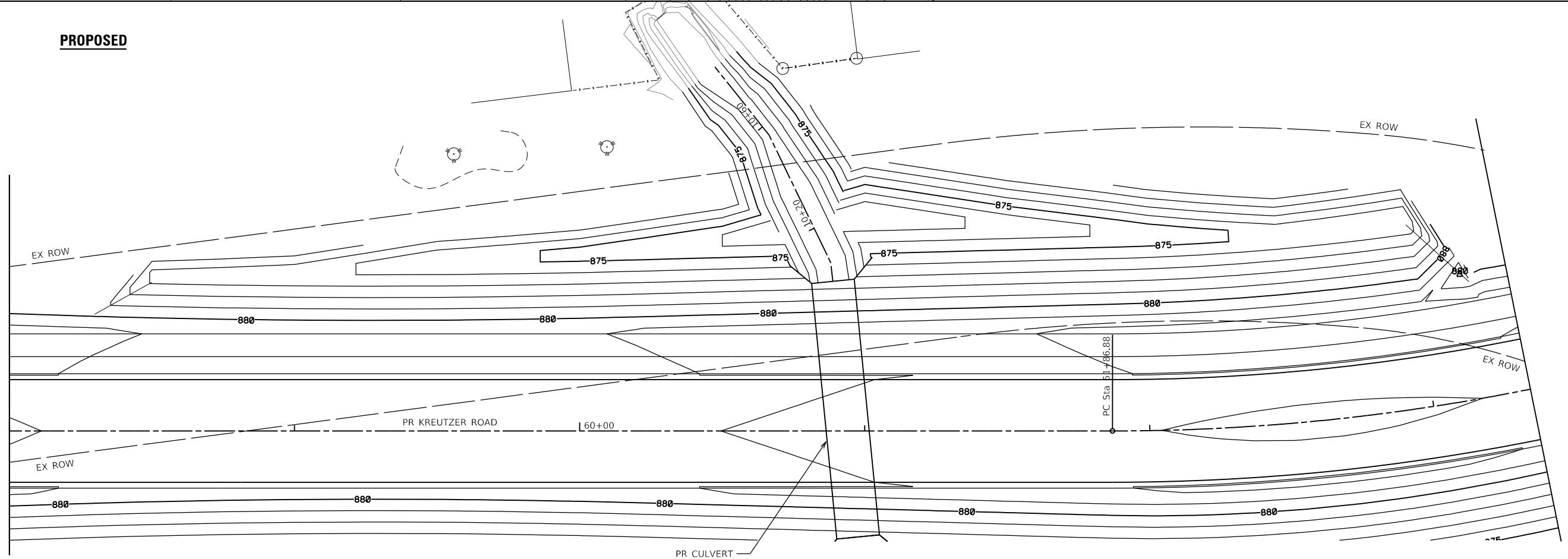
KREUTZER ROAD LANDSCAPING PLAN			
SCALE: 1"=20'	SHEET 8	OF 8 SHEETS	STA. 73+00 TO STA. 77+73.18

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	251
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

EXISTING



PROPOSED



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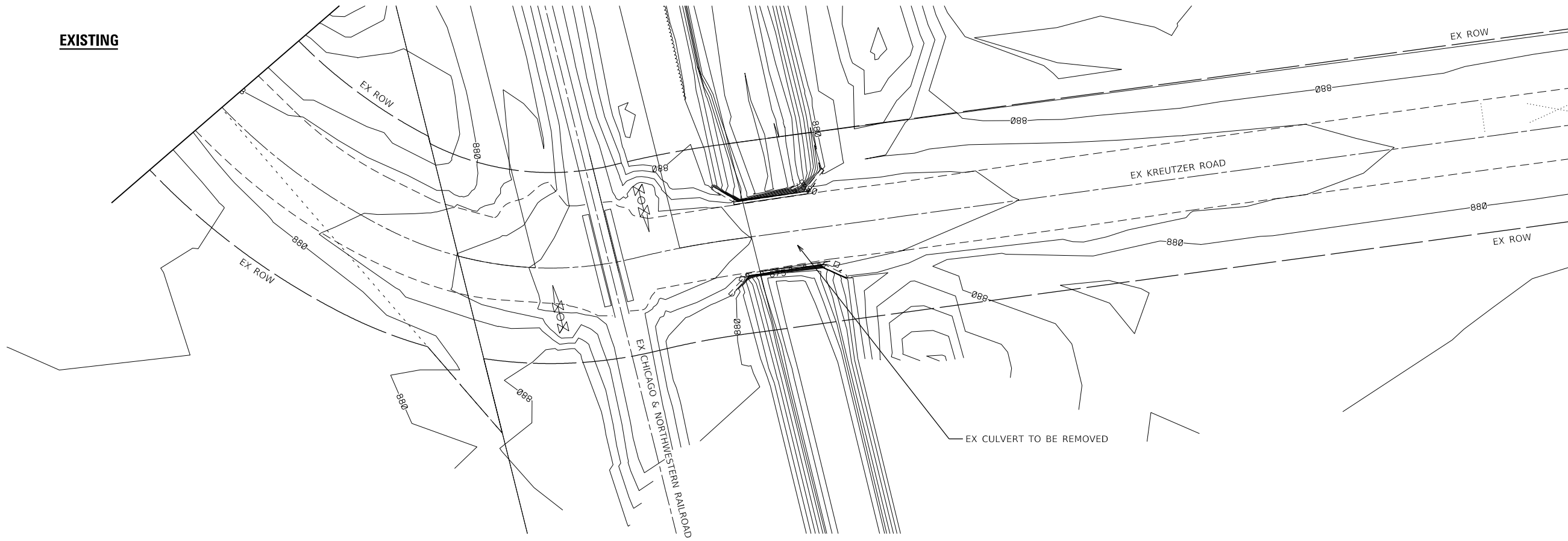
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOUTH BRANCH KISHWAUKEE RIVER TRIBUTARY A
GRADING PLAN**

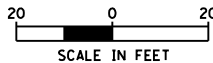
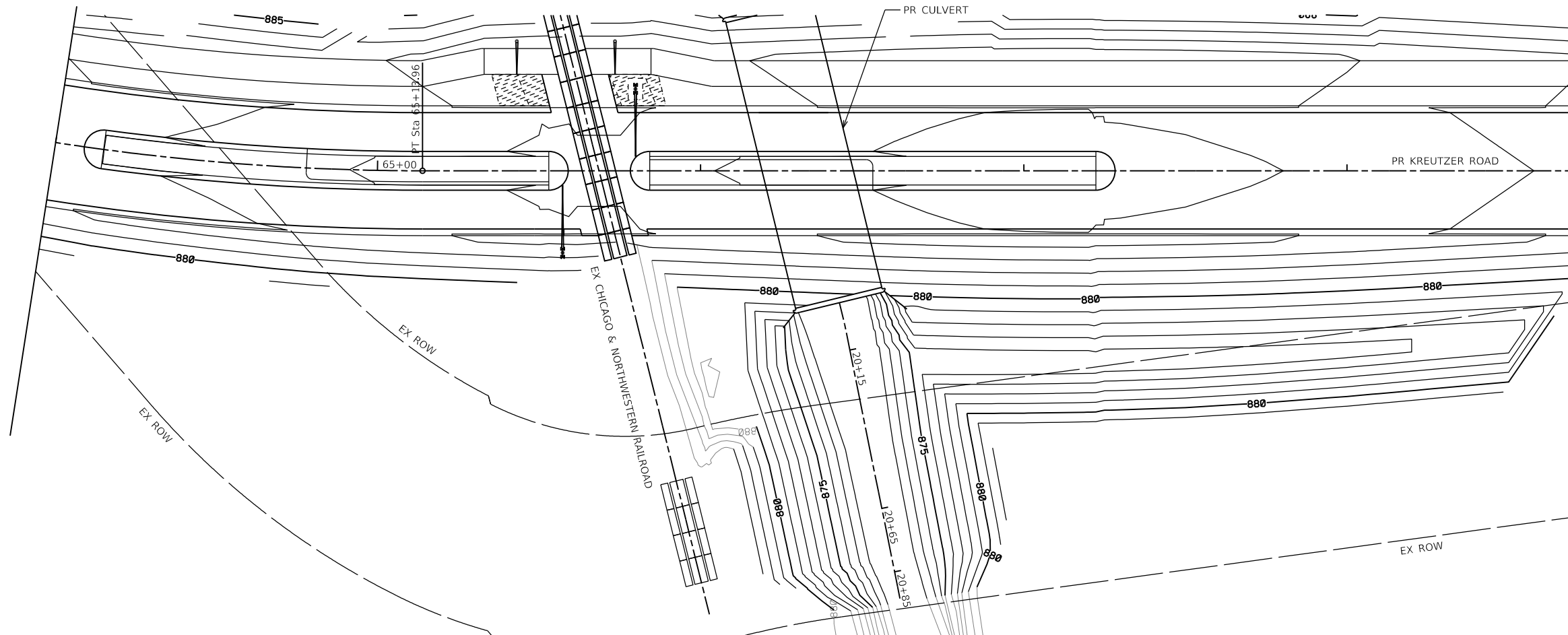
SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	251A
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

EXISTING



PROPOSED



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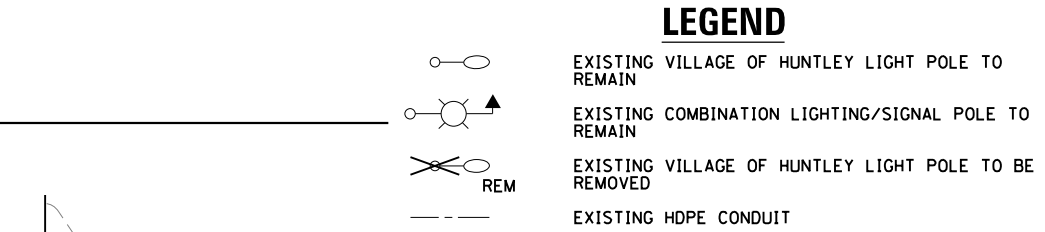
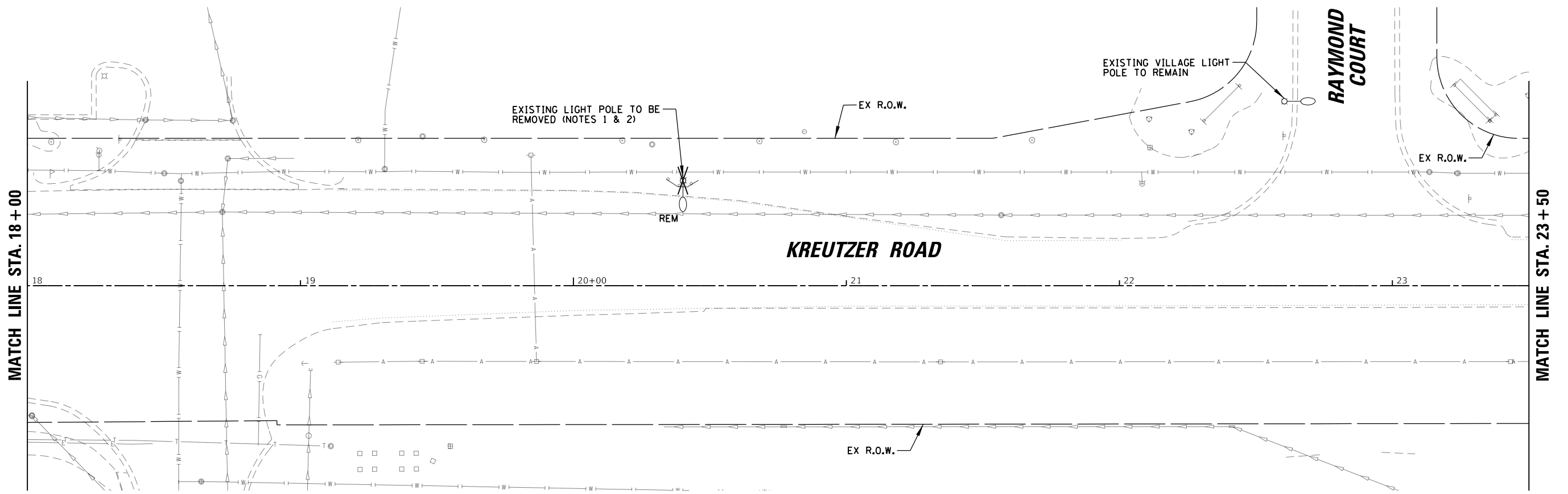
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





**SOUTH BRANCH KISHWAUKEE RIVER
GRADING PLAN**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	251B
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

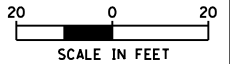


LEGEND

-  EXISTING VILLAGE OF HUNTLEY LIGHT POLE TO REMAIN
-  EXISTING COMBINATION LIGHTING/SIGNAL POLE TO REMAIN
-  EXISTING VILLAGE OF HUNTLEY LIGHT POLE TO BE REMOVED
-  EXISTING HDPE CONDUIT

NOTES:

1. THE CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING LIGHT POLE, ARM, LUMINAIRE AND FOUNDATION. EXISTING CONDUIT AND WIRE SHALL BE REMOVED TO A MINIMUM OF 1 FOOT BELOW GRADE AND ABANDON.
2. EXISTING LIGHT POLE & LUMINAIRE SHALL BE SALVAGED AND RETURNED TO HUNTLEY PUBLIC WORKS.
3. EXISTING 120/240V-1Ø LIGHTING CONTROLLER, FOUNDATION & ELECTRIC SERVICE SHALL BE REMOVED.
4. UNLESS OTHERWISE NOTED ALL EXISTING LIGHTING SHALL REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION UNTIL PROPOSED LIGHTING IS INSTALLED AND OPERATIONAL. CONTRACTOR SHALL MAINTAIN EXISTING LIGHTING (SEE SPECIAL PROVISION).
5. RELOCATE CONDUIT INTO NEW LIGHT POLE, SEE PROPOSED PLAN, PAID FOR UNDER "EXPOSE AND RELOCATE EXISTING UNIT DUCT" (SEE SPECIAL PROVISION).



MATCH LINE STA. 23+50

MATCH LINE STA. 23+50

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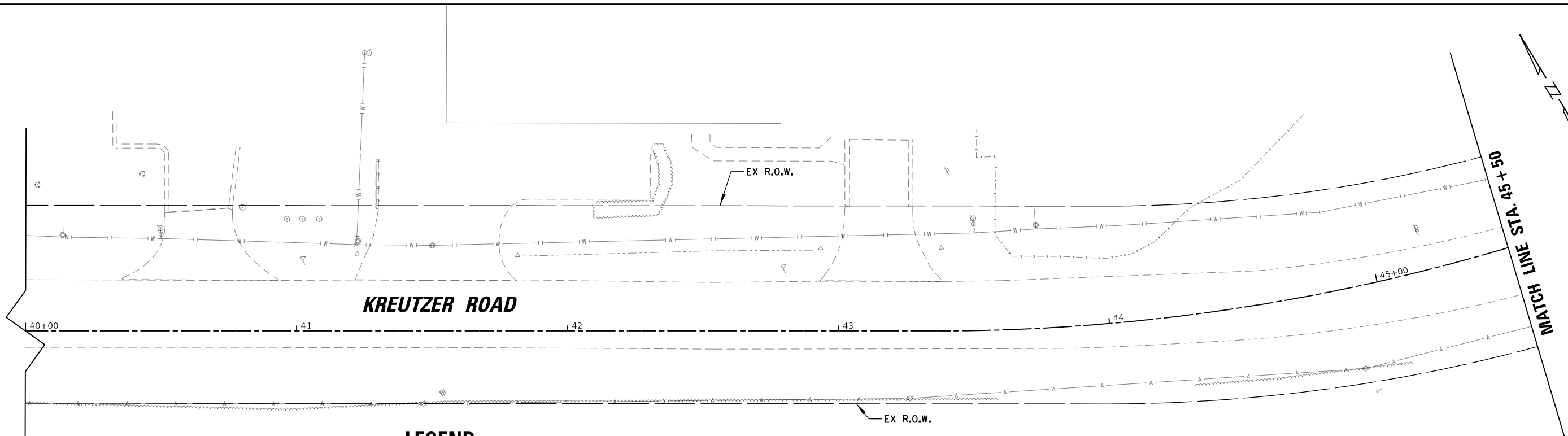
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
REMOVAL PLAN (2 OF 3)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	254
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

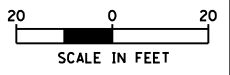
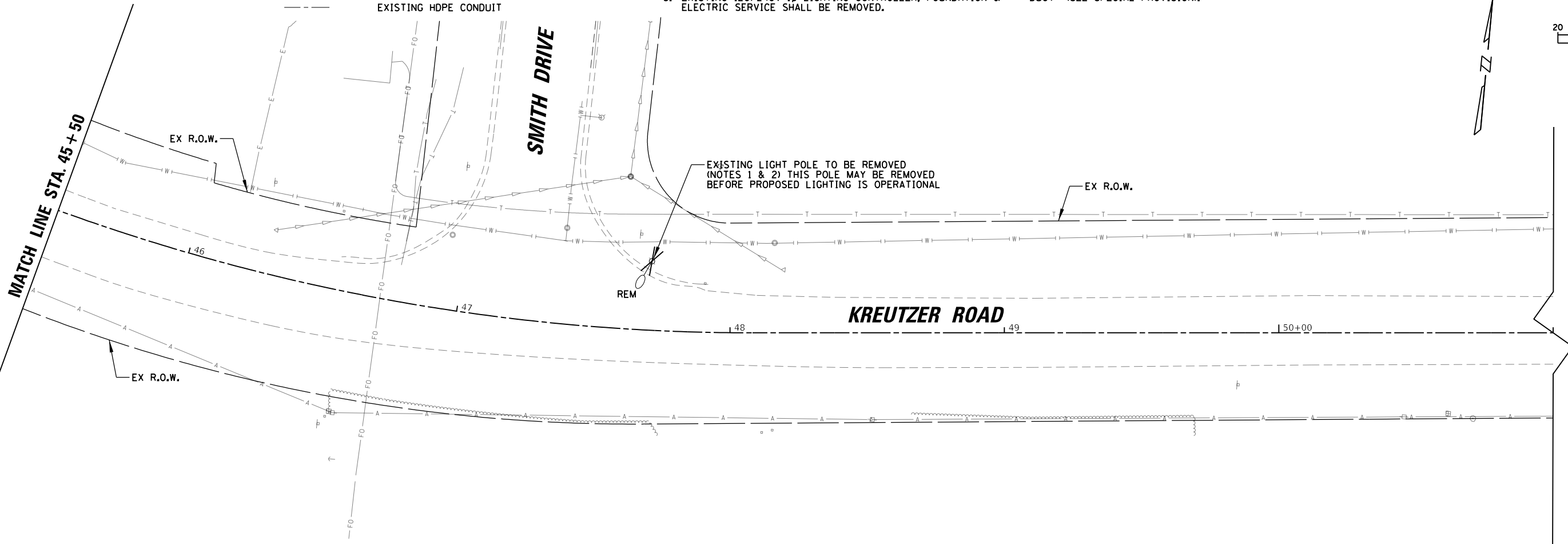


LEGEND

- EXISTING VILLAGE OF HUNTLEY LIGHT POLE TO REMAIN
- EXISTING COMBINATION LIGHTING/SIGNAL POLE TO REMAIN
- EXISTING VILLAGE OF HUNTLEY LIGHT POLE TO BE REMOVED
- EXISTING HDPE CONDUIT

NOTES:

1. THE CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING LIGHT POLE, ARM, LUMINAIRE AND FOUNDATION. EXISTING CONDUIT AND WIRE SHALL BE REMOVED TO A MINIMUM OF 1 FOOT BELOW GRADE AND ABANDON.
2. EXISTING LIGHT POLE & LUMINAIRE SHALL BE SALVAGED AND RETURNED TO HUNTLEY PUBLIC WORKS.
3. EXISTING 120/240V-1Ø LIGHTING CONTROLLER, FOUNDATION & ELECTRIC SERVICE SHALL BE REMOVED.
4. UNLESS OTHERWISE NOTED ALL EXISTING LIGHTING SHALL REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION UNTIL PROPOSED LIGHTING IS INSTALLED AND OPERATIONAL. CONTRACTOR SHALL MAINTAIN EXISTING LIGHTING (SEE SPECIAL PROVISION).
5. RELOCATE CONDUIT INTO NEW LIGHT POLE, SEE PROPOSED PLAN. PAID FOR UNDER "EXPOSE AND RELOCATE EXISTING UNIT DUCT" (SEE SPECIAL PROVISION).



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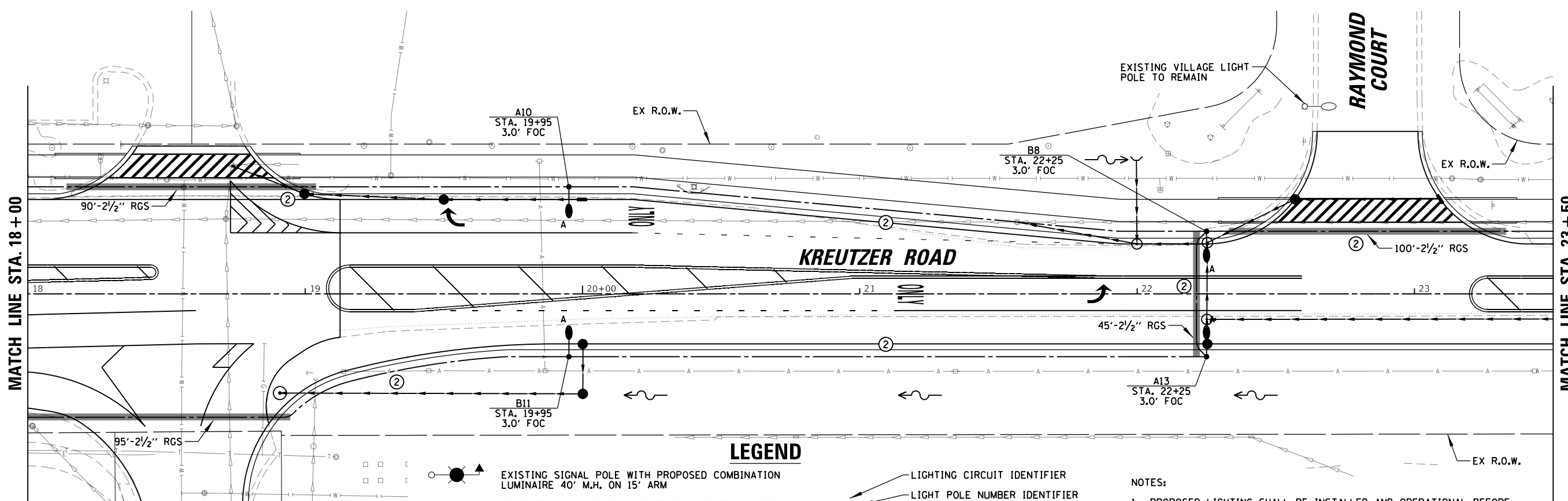
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DRAWN - RJJ / HD	REVISIONS -	
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PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
REMOVAL PLAN (3 OF 3)

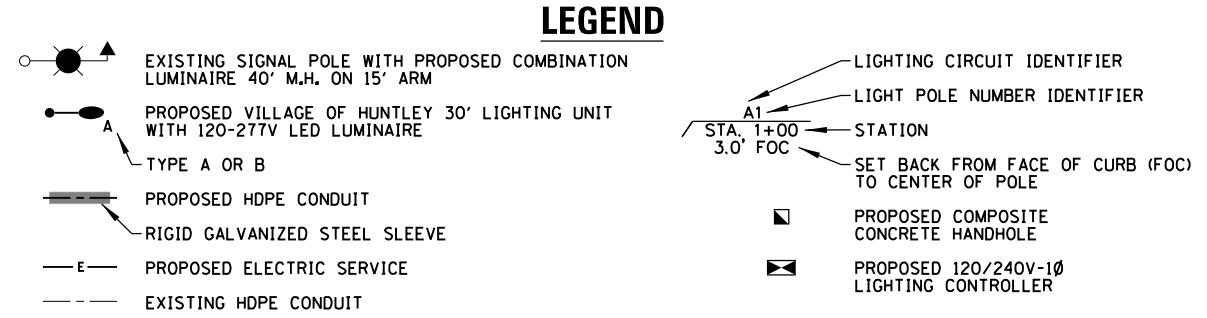
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	255
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

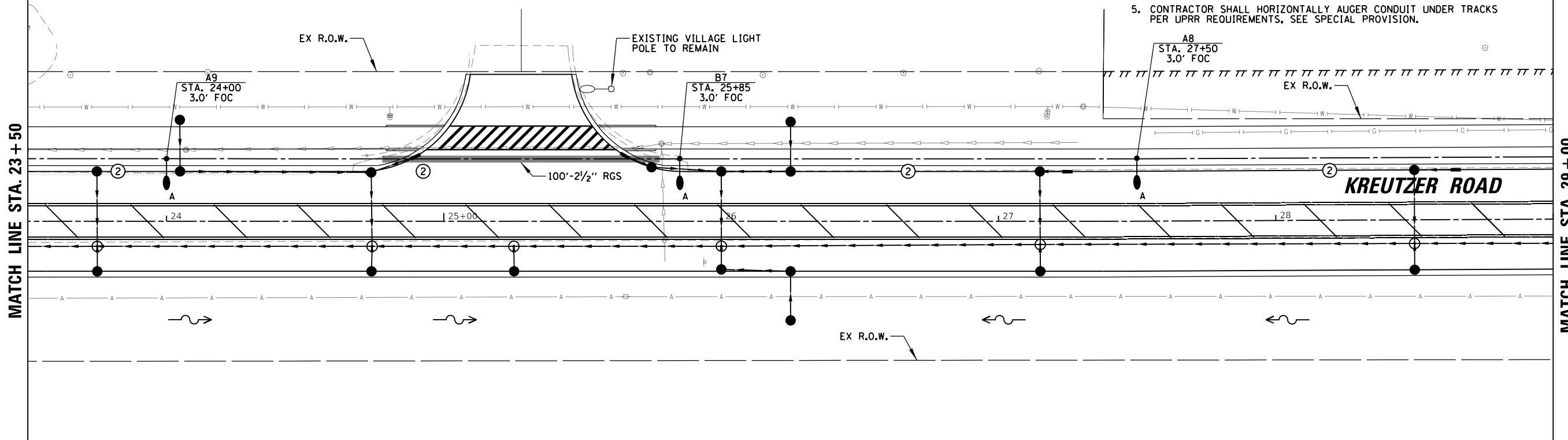
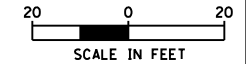


CONDUCTOR / CONDUIT SCHEDULE

- ① 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1/4" SCH40 HDPE CONDUIT
- ② 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1/4" SCH40 HDPE CONDUIT



- NOTES:**
- PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE THE CONTRACTOR CAN DISCONNECT AND REMOVE EXISTING LIGHTING.
 - CONTROLLER DOOR SHALL FACE AWAY FROM ROADWAY.
 - RELOCATE CONDUIT INTO NEW LIGHT POLE AND RESPLICE EXISTING WIRING TO PROPOSED CIRCUIT. PAID FOR UNDER "EXPOSE AND RELOCATE EXISTING UNIT DUCT" (SEE SPECIAL PROVISION).
 - CONTRACTOR SHALL REMOVE AND REPLACE EXISTING COMBINATION LUMINAIRE WITH NEW LED LUMINAIRE. PAID FOR UNDER "LUMINAIRE REPLACEMENT SPECIAL" (SEE SPECIAL PROVISION).
 - CONTRACTOR SHALL HORIZONTALLY AUGER CONDUIT UNDER TRACKS PER UPRR REQUIREMENTS, SEE SPECIAL PROVISION.



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 DATE: 10/14/2025

USER NAME = BW001	DESIGNED - AJD / RJJ	REVISED -
DRAWN - RJJ / HD	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED - AJD	REVISED -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

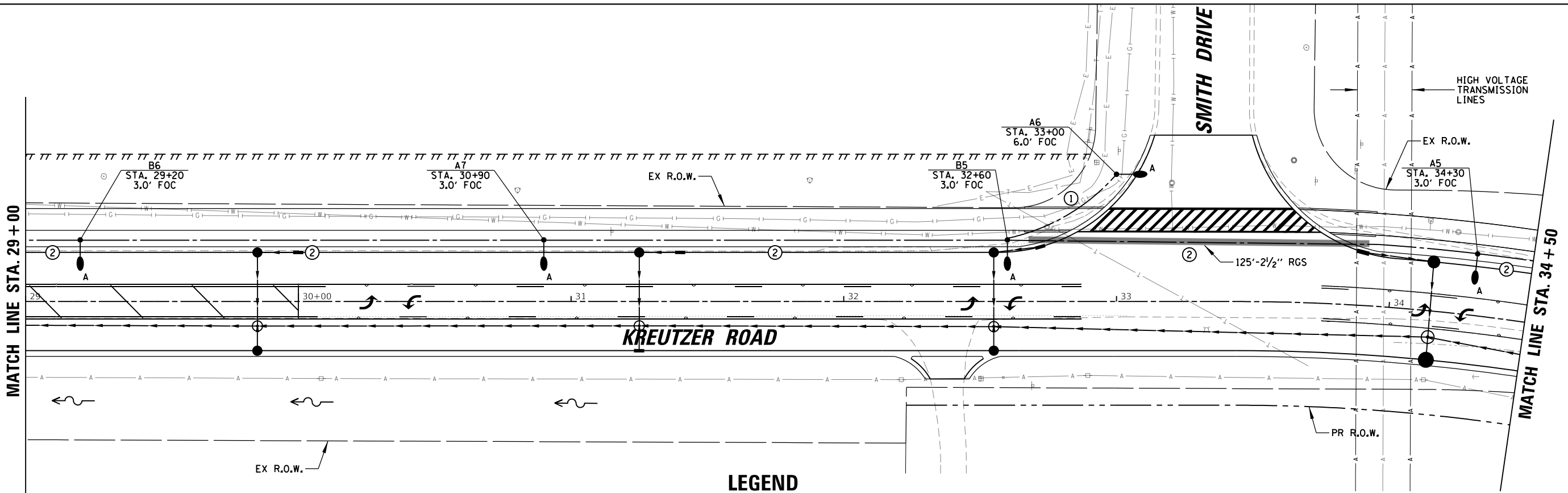
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**KREUTZER ROAD
PROPOSED LIGHTING PLAN (2 OF 7)**

SCALE: 1"=20'

SHEET	OF	SHEETS	STA.	TO	STA.
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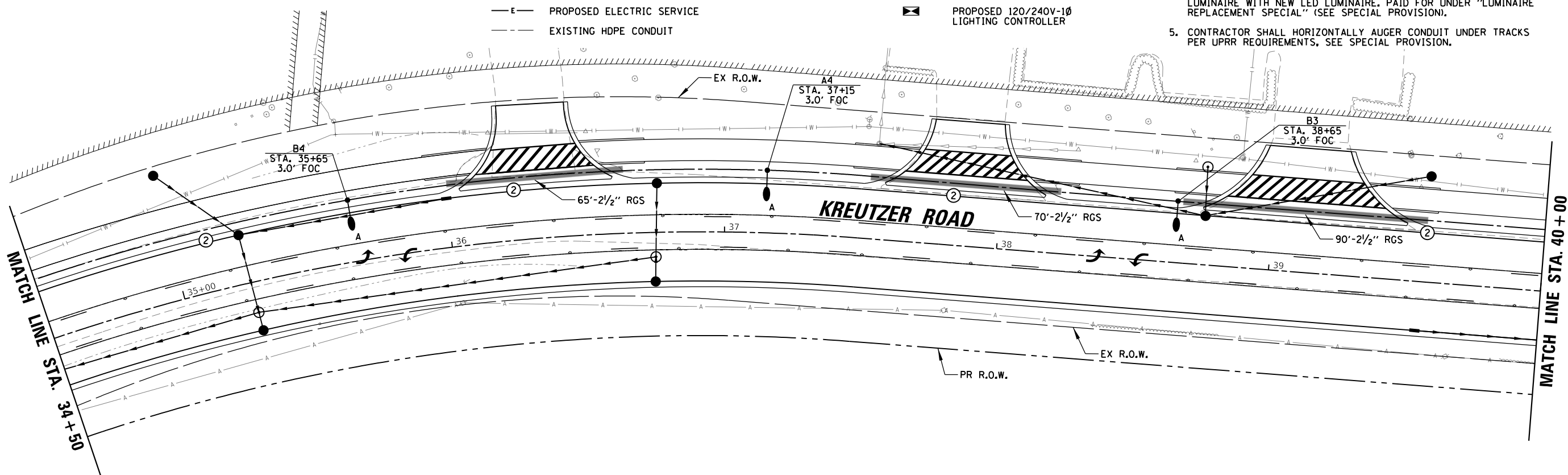
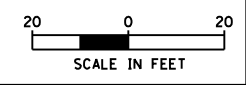
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	257
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



- ### CONDUCTOR / CONDUIT SCHEDULE
- ① 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1/4" SCH40 HDPE CONDUIT
 - ② 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1/4" SCH40 HDPE CONDUIT

- ### LEGEND
- EXISTING SIGNAL POLE WITH PROPOSED COMBINATION LUMINAIRE 40' M.H. ON 15' ARM
 - PROPOSED VILLAGE OF HUNTLEY 30' LIGHTING UNIT WITH 120-277V LED LUMINAIRE
 - TYPE A OR B
 - PROPOSED HDPE CONDUIT
 - RIGID GALVANIZED STEEL SLEEVE
 - PROPOSED ELECTRIC SERVICE
 - EXISTING HDPE CONDUIT
 - LIGHTING CIRCUIT IDENTIFIER
 - LIGHT POLE NUMBER IDENTIFIER
 - STATION
 - SET BACK FROM FACE OF CURB (FOC) TO CENTER OF POLE
 - PROPOSED COMPOSITE CONCRETE HANDHOLE
 - PROPOSED 120/240V-1Ø LIGHTING CONTROLLER

- ### NOTES:
1. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE THE CONTRACTOR CAN DISCONNECT AND REMOVE EXISTING LIGHTING.
 2. CONTROLLER DOOR SHALL FACE AWAY FROM ROADWAY.
 3. RELOCATE CONDUIT INTO NEW LIGHT POLE AND RESPLACE EXISTING WIRING TO PROPOSED CIRCUIT, PAID FOR UNDER "EXPOSE AND RELOCATE EXISTING UNIT DUCT" (SEE SPECIAL PROVISION).
 4. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING COMBINATION LUMINAIRE WITH NEW LED LUMINAIRE, PAID FOR UNDER "LUMINAIRE REPLACEMENT SPECIAL" (SEE SPECIAL PROVISION).
 5. CONTRACTOR SHALL HORIZONTALLY AUGER CONDUIT UNDER TRACKS PER UPRR REQUIREMENTS, SEE SPECIAL PROVISION.



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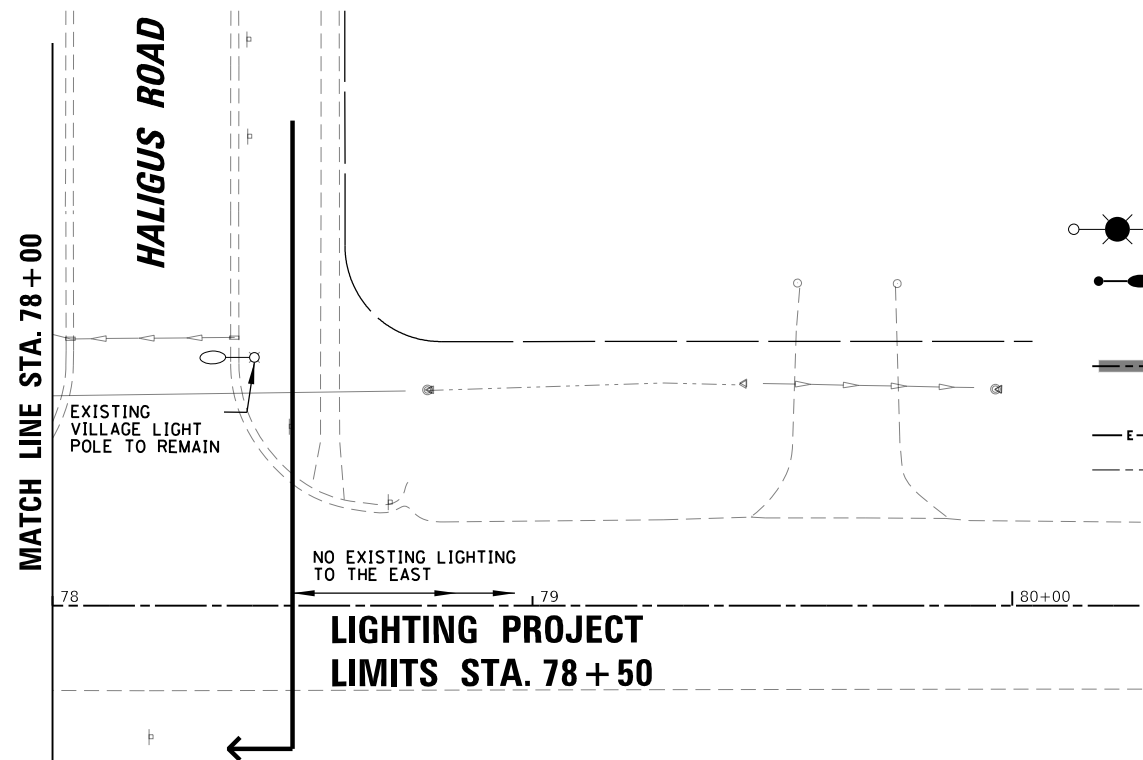
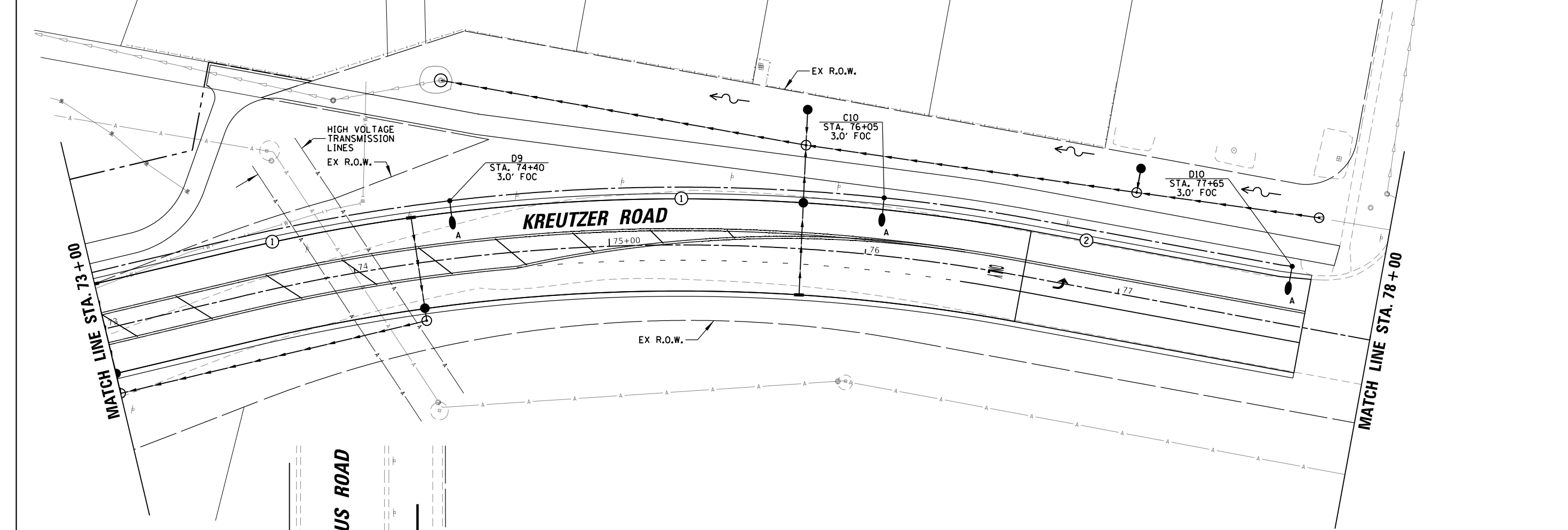
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DRAWN - RJJ / HD	CHECKED - AJD	REVISED -
PLOT SCALE = 40,0000' / in.	DATE - 3/03/2025	REVISED -
PLOT DATE = 10/14/2025		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
PROPOSED LIGHTING PLAN (3 OF 7)

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

F.A.U. RTE. 2259	SECTION 20-00050-00-PV	COUNTY KANE	TOTAL SHEETS 343	SHEET NO. 258
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



LEGEND

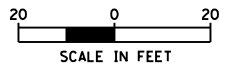
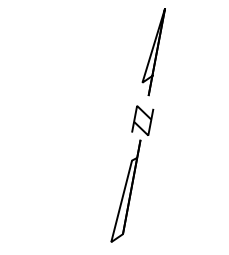
- EXISTING SIGNAL POLE WITH PROPOSED COMBINATION LUMINAIRE 40' M.H. ON 15' ARM
- PROPOSED VILLAGE OF HUNTLEY 30' LIGHTING UNIT WITH 120-277V LED LUMINAIRE
- TYPE A OR B
- PROPOSED HDPE CONDUIT
- RIGID GALVANIZED STEEL SLEEVE
- PROPOSED ELECTRIC SERVICE
- EXISTING HDPE CONDUIT
- LIGHTING CIRCUIT IDENTIFIER
- LIGHT POLE NUMBER IDENTIFIER
- STA. 1+00
- SET BACK FROM FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED COMPOSITE CONCRETE HANDHOLE
- PROPOSED 120/240V-1Ø LIGHTING CONTROLLER

CONDUCTOR /CONDUIT SCHEDULE

- ① 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1/4" SCH40 HDPE CONDUIT
- ② 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1/4" SCH40 HDPE CONDUIT

NOTES:

1. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE THE CONTRACTOR CAN DISCONNECT AND REMOVE EXISTING LIGHTING.
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4. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING COMBINATION LUMINAIRE WITH NEW LED LUMINAIRE. PAID FOR UNDER "LUMINAIRE REPLACEMENT SPECIAL" (SEE SPECIAL PROVISION).
5. CONTRACTOR SHALL HORIZONTALLY AUGER CONDUIT UNDER TRACKS PER UPRR REQUIREMENTS, SEE SPECIAL PROVISION.



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USER NAME = BW001	DESIGNED - AJD / RJJ	REVISED -
DRAWN - RJJ / HD	REVISOR -	
PLOT SCALE = 40.0000' / in.	CHECKED - AJD	REVISOR -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
PROPOSED LIGHTING PLAN (7 OF 7)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	262
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

ITEM	SPECIFICATION
① MAIN CIRCUIT BREAKER	100 AMPERE, 2P, 240V SERVICE RATING, 10KAIC
② LAMPHOLDER CIRCUIT BREAKER	20 AMPERE, 1P, 120V RATING, 10KAIC
③ PHOTOELECTRIC CONTROL CIRCUIT BREAKER	15 AMPERE, 1P, 120V RATING, 10KAIC
④ AUXILIARY RELAY	120 V OPERATED DPDT 60 HZ COIL 2 NO & 2 NC CONTACTS
⑤ CABINET RECEPTACLE AND BOX	COMMERCIAL GRADE GFCI 20A/120V, MOUNTED IN A WEATHERPROOF CAST ALUMINUM SINGLE GANG BOX WITH WEATHERPROOF COVER
⑥ CABINET LIGHT	5 WATT LED STRIP LIGHT, 60K HOUR RATING, 65K COLOR TEMPERATURE, DOOR SWITCH CONTROLLED, FASTENED TO TOP OF CABINET
⑦ CONTACTOR	100 AMPERE, 2P, 120V COIL, MECHANICALLY HELD
⑧ BRANCH LINE CIRCUIT BREAKERS	(6) 20A, 2P, 240V RATING, 10KAIC
⑨ POWER DISTRIBUTION BLOCK	600 VOLT, INSULATED, SIZE AS REQ'D, 10KAIC
⑩ SERVICE CABLES	3-600V (XLP-TYPE USE) NO. #2
⑪ LAMPHOLDER WIRE	2-600V XLP NO. 12
⑫ CONTROL WIRE	2-600V XLP NO. 12
⑬ SURGE ARRESTOR	10 K AMPERE RATING
⑭ PHOTOELECTRIC CONTROL WIRE	3-600V XLP NO. 12
⑮ DOOR SWITCH	20A/120V, DOOR MOUNTED SNAP ACTION TYPE PLUNGER SWITCH
⑯ HAND-AUTO-OFF CONTROL SWITCH	20A, 3 POS. MTD IN CAST ALUM. ENCLOSURE
⑰ PHOTOCELL	120V, MTD. ON CABINET, DELAY TYPE, SPST-NC
⑱ TERMINAL BLOCK	3 TERMINAL, SCREW TYPE, MAX. #10 WIRE SIZE
⑲ CIRCUIT BREAKER DIST. BLOCKS	30A, 600V, 10 KAIC - WIRE RANGE: LINE SIDE LUG (1) #2/0-#14 AWG, LOAD SIDE LUGS (2) #4-#14 AWG

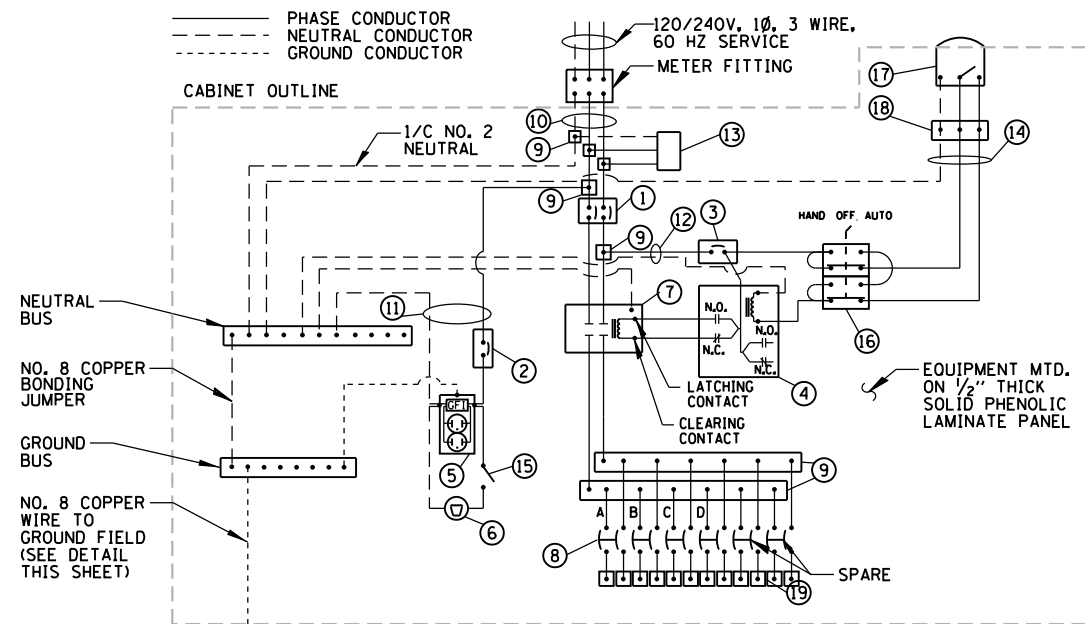
NOTES:

- ALL ITEMS LISTED IN LIGHTING CONTROLLER COMPONENT SCHEDULE SHALL BE INCLUDED IN THE COST OF THE PRICE BID FOR "LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP" INCLUDING CABINET AND FOUNDATION.
- THE LIGHTING CONTROLLER TOGETHER WITH ALL OF ITS COMPONENTS SHALL BE UL LISTED AS AN "ENCLOSED INDUSTRIAL CONTROL PANEL" UNDER UL508A.
- CONNECTION OF SURGE ARRESTOR TO LINE SIDE OF MAIN CIRCUIT BREAKER SHALL NOT BE "DOUBLE LUGGED."
- THE MAIN CIRCUIT BREAKER AND LAMP HOLDER CIRCUIT BREAKER SHALL BE LABELED "SERVICE DISCONNECT".
- ALL SWITCHES AND CONTROLS SHALL BE IDENTIFIED USING TWO COLOR ENGRAVED NAMEPLATES.
- THE PANEL MANUFACTURER SHALL LABEL THE CABINET WITH THE APPROPRIATE ARC FLASH WARNING AND PERSONNEL PROTECTION EQUIPMENT REQUIRED FOR SERVICING.
- ALL EXPOSED BUS BARS SHALL BE INSULATED.
- ALL WIRING SHALL BE COPPER.

LIGHTING CONTROLLER COMPONENT SCHEDULE

LIGHTING CONTROLLER CIRCUIT LOADS					
CIRCUIT ID	WIRE COLOR	83W ROADWAY LUMINAIRE		TOTAL CIRCUIT LOAD	
		QTY.	LOAD/FIXT. (WATTS)	(WATTS)	AMPS (VOLTS)
A	R	18	83 W	1494 W	6.2 A (240V)
B	B	16	83 W	1328 W	5.5 A (240V)
C	R	10	83 W	830 W	3.5 A (240V)
D	B	10	83 W	830 W	3.5 A (240V)
TOTAL	-	54	N/A	4482 W	18.7 (240V)

WIRE COLORS
R=RED
B=BLACK
W=WHITE
G=GREEN

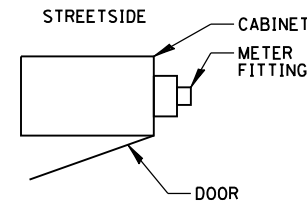


NOTES:

- ALL GROUND CONDUCTORS SHALL BE GREEN AND NEUTRAL CONDUCTORS SHALL BE WHITE. PHASE CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH SECTION 1066.02 OF THE STANDARD SPECIFICATIONS. CONTRACTOR SHALL ONLY USE SOLID COLOR CODED INSULATIONS. COLOR STRIPPING OF PHASE CONDUCTORS SHALL NOT BE ALLOWED.
- IN ADDITION TO THE TERMINATIONS SHOWN, THE NEUTRAL AND GROUND BUS BARS SHALL EACH ACCOMMODATE A MINIMUM OF 8 ADDITIONAL TERMINATIONS (#2-#14).

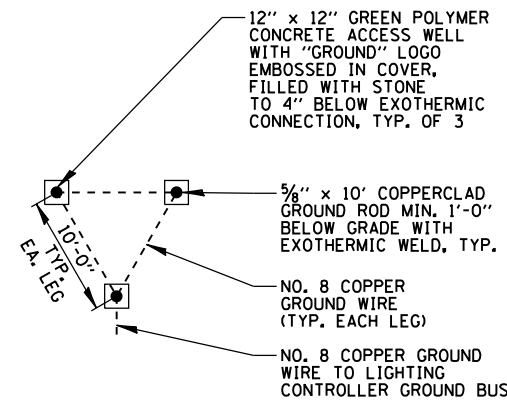
LIGHTING CONTROLLER WIRING DETAIL

N.T.S.



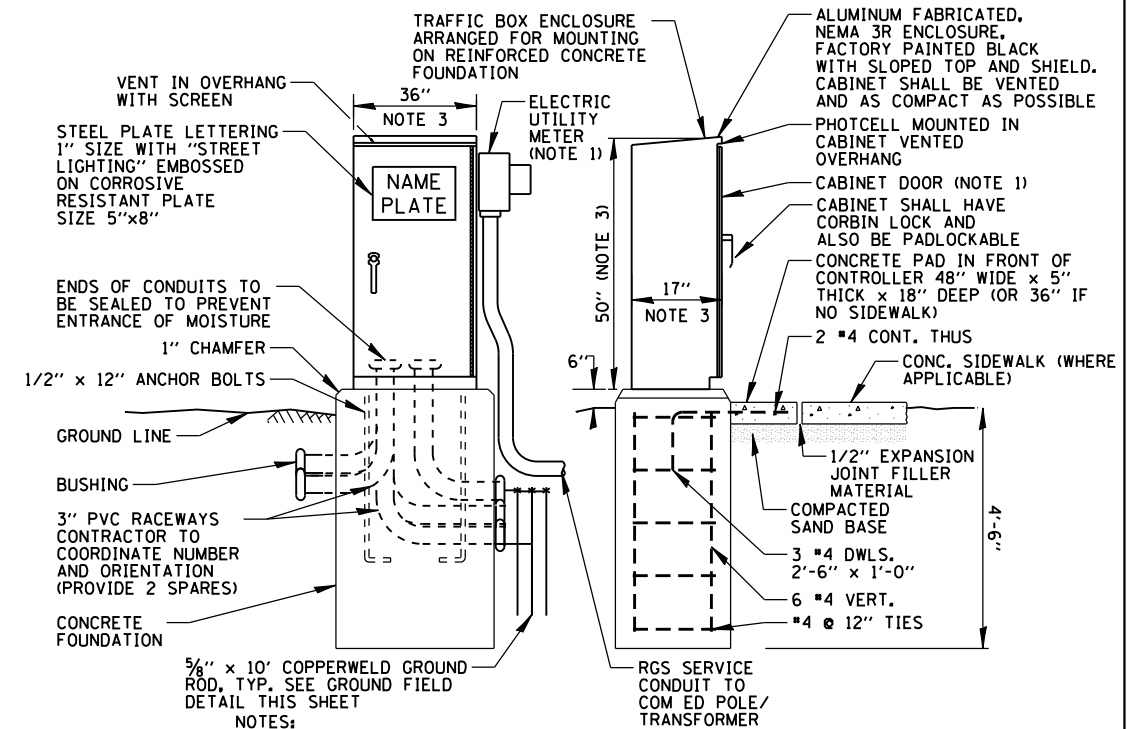
CABINET METER FITTING & DOOR ORIENTATION

N.T.S.



GROUND FIELD DETAIL (TYP.)

N.T.S.



- SEE CABINET METER FITTING AND DOOR ORIENTATION DETAIL FOR METER AND DOOR ORIENTATION.
- ALL ITEMS SHOWN ABOVE (INCLUDING FOUNDATION & GROUND FIELD) SHALL BE INCLUDED IN THE PRICE BID FOR "LIGHTING CONTROLLER, BASE MOUNTED 240VOLT, 100AMP", EXCEPT FOR THE SERVICE CONDUIT WHICH WILL BE PAID FOR SEPARATELY.
- CABINET DIMENSIONS SHOWN ARE APPROXIMATE. CABINET SHALL BE AS COMPACT AS POSSIBLE. CONTRACTOR TO COORDINATE.

LIGHTING CONTROLLER CABINET AND FOUNDATION

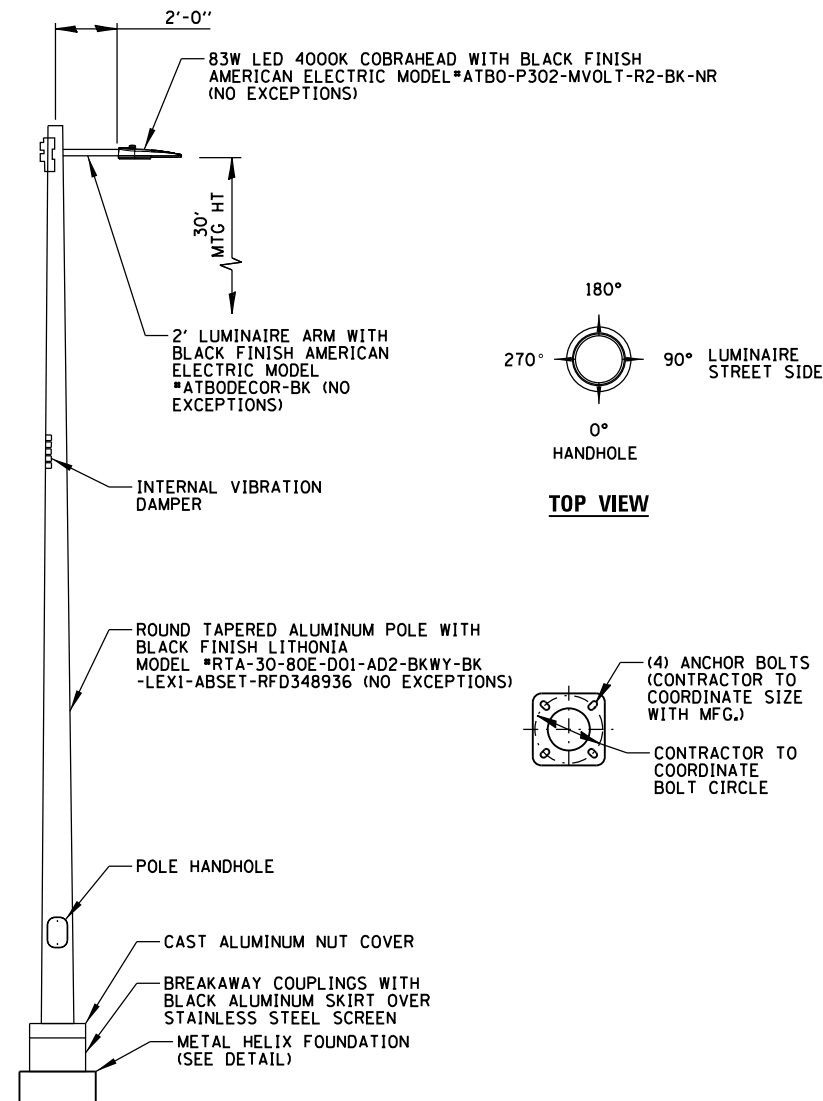
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
LIGHTING DETAILS (1 OF 6)

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	263
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				

SCALE: NTS SHEET OF SHEETS STA. TO STA.

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 DATE: 10/14/2025

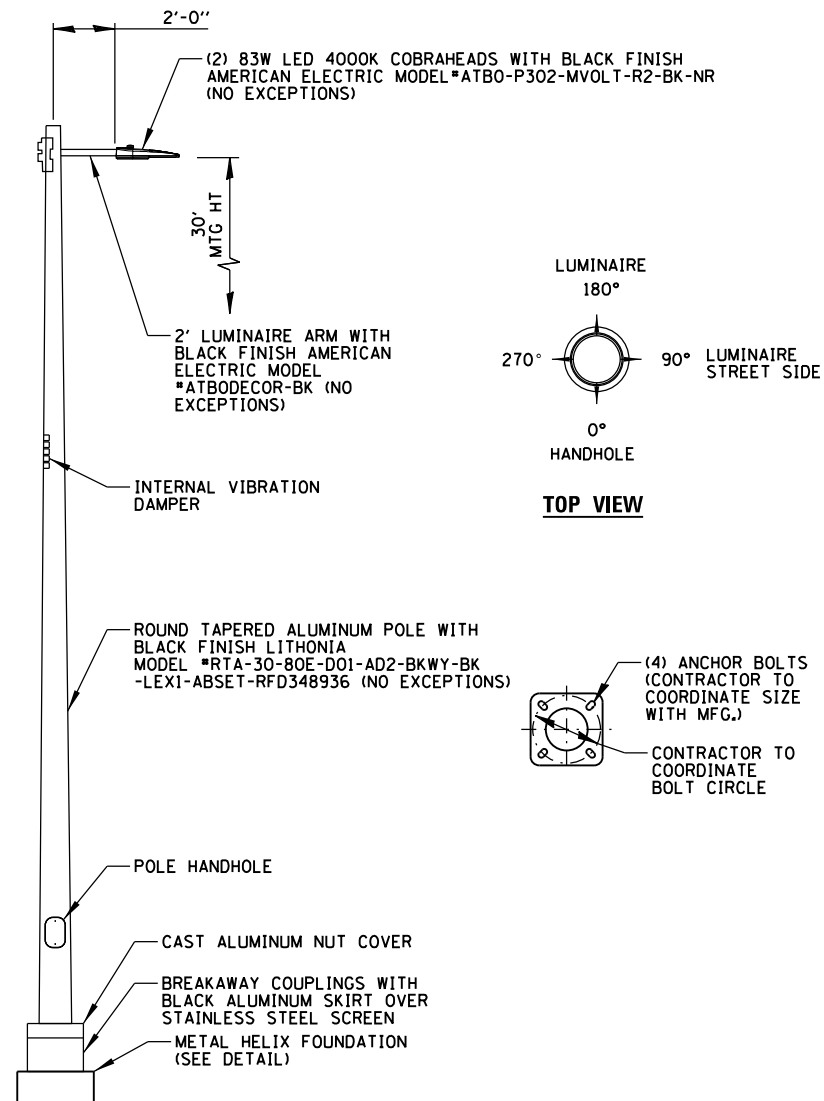


LIGHTING UNIT TYPE "A"

N.T.S.

NOTES:

1. PAID FOR UNDER "LIGHTING UNIT A, COMPLETE" (SEE SPECIAL PROVISION).

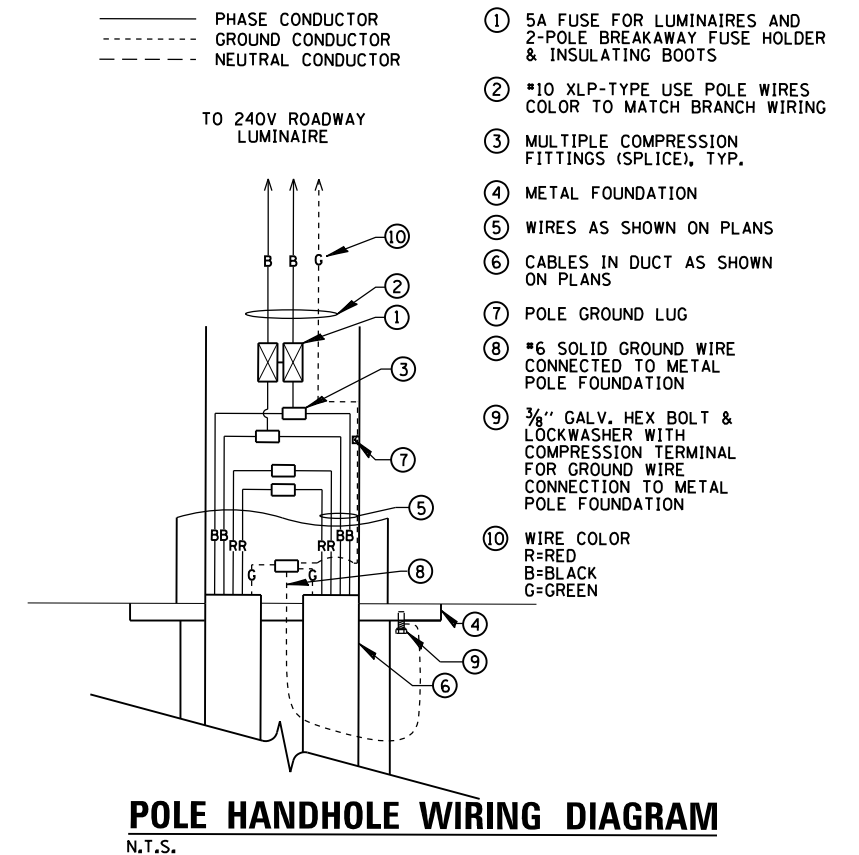


LIGHTING UNIT TYPE "B"

N.T.S.

NOTES:

1. PAID FOR UNDER "LIGHTING UNIT B, COMPLETE" (SEE SPECIAL PROVISION).



POLE HANDHOLE WIRING DIAGRAM

N.T.S.

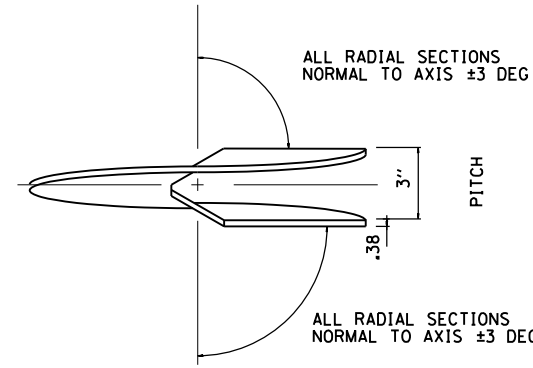
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	DRAWN - RJJ / HD	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - AJD	REVISED -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KREUTZER ROAD LIGHTING DETAILS (2 OF 6)			
SCALE: NTS	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	264
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



HELIX SIDE VIEW

N.T.S.

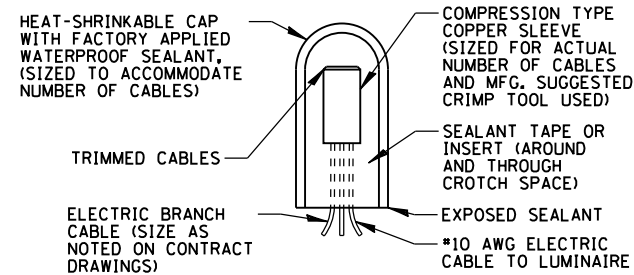
NOTES:

1. FINISH: HOT DIP GALVANIZED PER AASHTO M111 (LATEST REVISION).
2. BASEPLATE TO BE PERPENDICULAR TO SHAFT AXIS (± 1 DEG) AND HOLE CENTERLINE CONCENTRIC ($\pm .188$) TO SHAFT AXIS.
3. STENCIL MIN $\frac{1}{2}$ IN. LETTERS MANUFACTURER'S NUMBER AFTER GALVANIZING.
4. PILOT POINT AND SHAFT AXES TO BE CONCENTRIC (± 125 FIM) AND IN LINE (± 2 DEG).
5. FLAME CUT SLOT PERPENDICULAR TO THE BASEPLATE.
6. PREHEAT, TUMBLEBLAST, HANDGRIND, AND CLEAN BASEPLATE, HELIX, AND PILOT POINT ON ALL WELDED AREAS.
7. FLAMECUT IRREGULARITIES PERMISSIBLE: (1) VALLEYS NOT TO EXCEED $\frac{1}{32}$ IN. BELOW NOMINAL SURFACE LEVEL, (2) PEAKS OR POSITIVE IRREGULARITIES NOT TO EXCEED $\frac{1}{32}$ IN. ABOVE NOMINAL SURFACE LEVEL OR INTERSECTIONS OF NOMINAL SURFACES.
8. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
9. ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:

- BASEPLATE:** ASTM A36-(LATEST REVISION) STRUCTURAL (CONFORM TO AASHTO TECH. BUL. #270)
- SHAFT:** ASTM A252 (LATEST REVISION) GRADE 2, STEEL PIPE PILES, ALT. MATERIAL: ASTM A53 (LATEST REVISION) TYPE E OR S, GRADE B, STEEL PIPE OR ASTM A500 (LATEST REVISION) GRADE B, STRUCTURAL STEEL TUBING.
- HELIX:** ASTM A635 (LATEST REVISION) $\frac{3}{8}$ " THICK HOT ROLLED STEEL PLATE OR COIL.
- PILOT POINT:** ASTM A575 (LATEST REVISION) $\frac{1}{4}$ " DIA. HOT ROLLED STEEL BAR.
- BOLTS:** $\frac{1}{2}$ " DIA. HOT DIP GALVANIZED STUDS IN ACCORDANCE WITH AASHTO M314 OR ASTM F1554.
10. BASEPLATE IS PERMANENTLY STAMPED WITH MANUFACTURER'S IDENTIFICATION "ABC" IN $\frac{1}{2}$ " LETTERS AND DATE CODE IN $\frac{1}{4}$ " LETTERS.

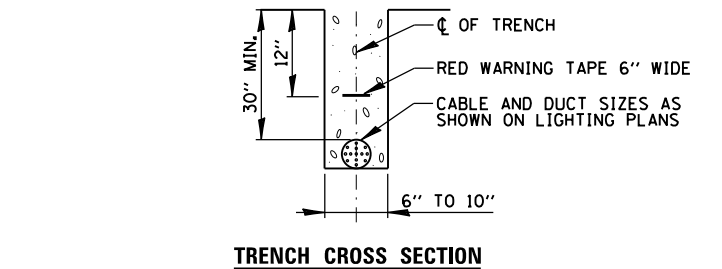
HELIX FOUNDATION

N.T.S.

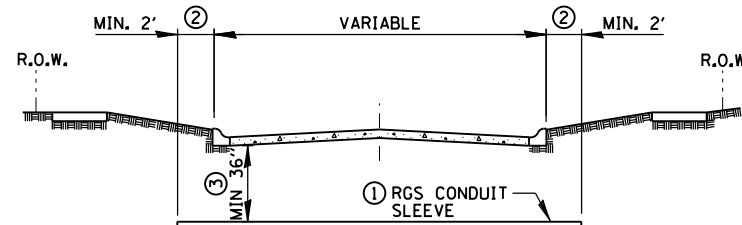


SPLICING ELECTRIC CABLE

N.T.S.



TRENCH CROSS SECTION

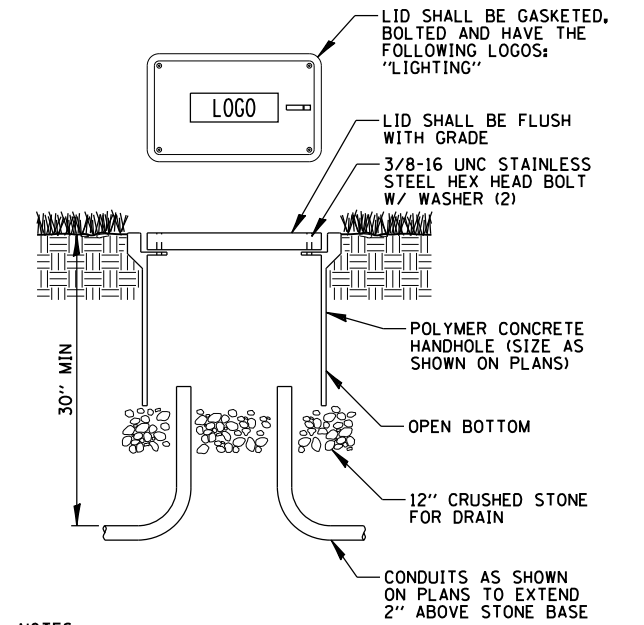


ROADWAY CROSSING

- ① SLEEVE SHALL BE HEAVY WALL RIGID GALVANIZED STEEL (RGS) CONDUIT.
- ② SLEEVE SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- ③ SLEEVE SHALL BE A MINIMUM OF 36" BELOW ROADWAY OR CURB BOTTOM.

ELECTRIC CONDUIT INSTALLATION

N.T.S.

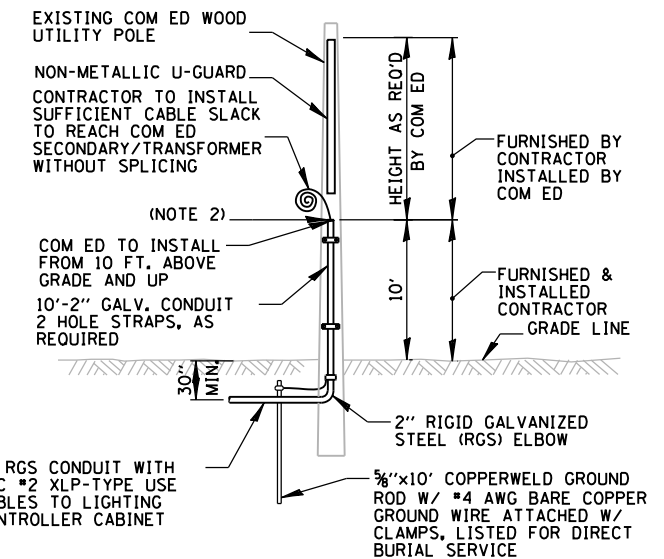


NOTES:

1. NO SPLICING ALLOWED IN HANDHOLE.
2. POLYMER CONCRETE HANDHOLE AND LID SHALL BE GREY.
3. BOX & LID SHALL MEET/EXCEED ANSI TIER 15 LOADING REQUIREMENTS, AND BE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF THE ANSI/SCTE 77 "SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY", AND THE PROVISIONS OF PARAGRAPHS 5.2.3 AND 5.2.4 OF WESTERN UNDERGROUND COMMITTEE GUIDE 3.6.

POLYMER CONCRETE HANDHOLE

N.T.S.



NOTES:

1. ALL WORK SHALL CONFORM TO COM ED'S BOOK OF "INFORMATION AND REQUIREMENTS FOR THE SUPPLY OF ELECTRIC SERVICE."
2. CONTRACTOR SHALL PROVIDE CONDUIT BUSHING AND SEALING COMPOUND AT TOP OF RISER.
3. ALL MATERIAL ABOVE (EXCEPT FOR POLE) SHALL BE INCLUDED IN THE PRICE BID FOR "ELECTRIC SERVICE INSTALLATION". THE HORIZONTAL SERVICE CONDUIT AND WIRING FROM POLE TO CONTROLLER SHALL BE PAID FOR SEPARATELY.

COM ED OVERHEAD CONNECTION POLE

N.T.S.

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USER NAME = BW001	DESIGNED - AJD / RJJ	REVISED -
DRAWN - RJJ / HD	CHECKED - AJD	REVISED -
PLOT SCALE = 40.0000' / in.	DATE - 3/03/2025	REVISED -
PLOT DATE = 10/14/2025		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

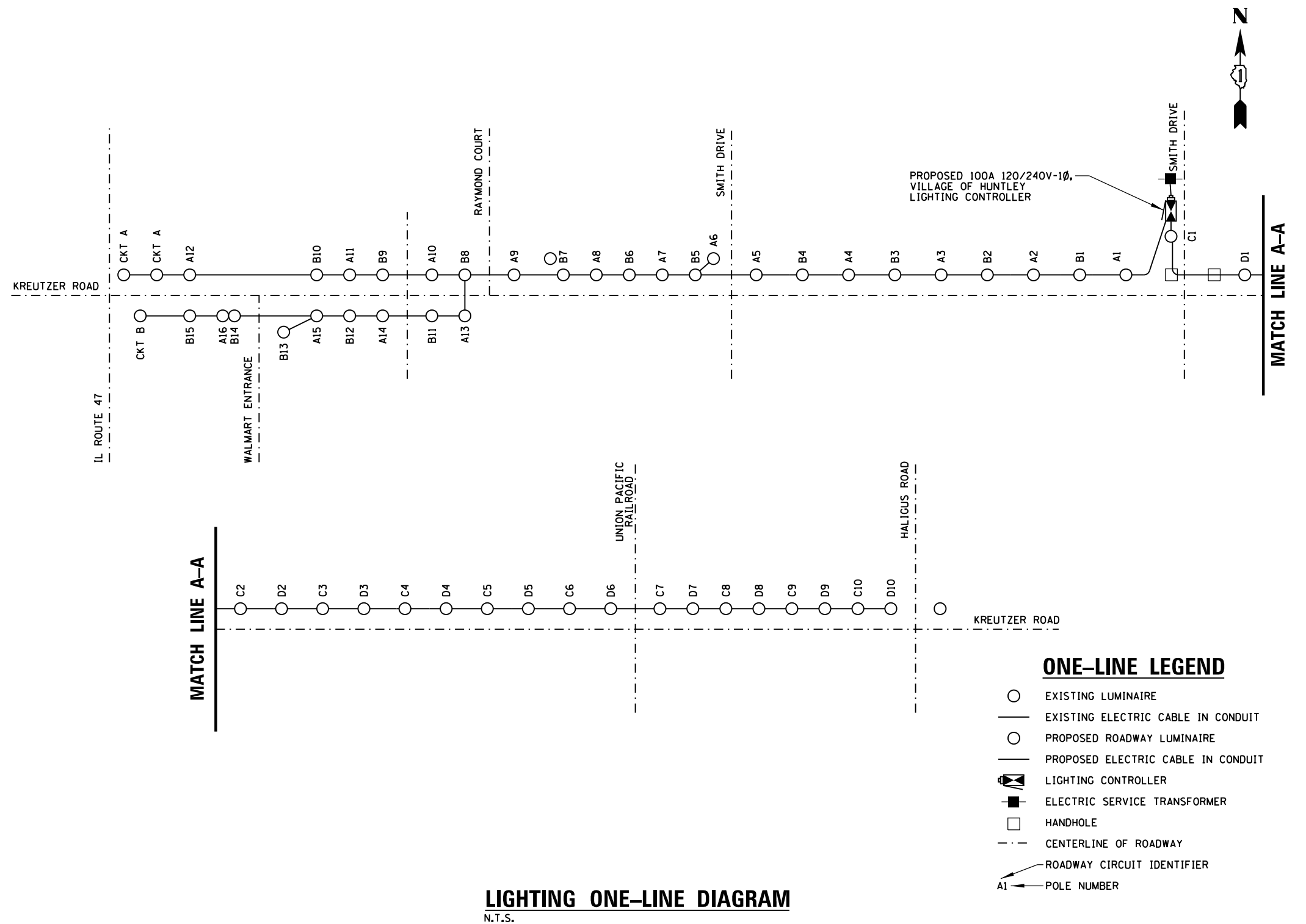
**KREUTZER ROAD
LIGHTING DETAILS (3 OF 6)**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	265
CONTRACT NO. 61L48				
		ILLINOIS FED. AID PROJECT		

LIGHT POLE IDENTIFIER	LUMINAIRE CKT
A1	A
A2	A
A3	A
A4	A
A5	A
A6	A
A7	A
A8	A
A9	A
A10	A
A11	A
A12	A
A13	A
A14	A
A15	A
A16	A
B1	B
B2	B
B3	B
B4	B
B5	B
B6	B
B7	B
B8	B
B9	B
B10	B
B11	B
B12	B
B13	B
B14	B
B15	B
C1	C
C2	C
C3	C
C4	C
C5	C
C6	C
C7	C
C8	C
C9	C
C10	C
D1	D
D2	D
D3	D
D4	D
D5	D
D6	D
D7	D
D8	D
D9	D
D10	D

F.O.C. - FACE OF CURB
LUMINAIRE AND POLE SCHEDULE



LIGHTING ONE-LINE DIAGRAM
 N.T.S.

MODEL: Default
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USER NAME = BW001	DESIGNED - AJD / RJJ	REVISED -
	DRAWN - RJJ / HD	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - AJD	REVISED -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
 LIGHTING DETAILS (4 OF 6)**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	266
			CONTRACT NO. 61L48	
		ILLINOIS FED. AID PROJECT		



ComEd
An Exelon Company

Service and Meter Application Switch and Load Information Sheet

Please complete a separate sheet for each switch – existing or new:

Project Name: Kreutzer Road Lighting
Site Address: 12201 Smith Drive, Huntley, IL 60142
Switch Name and Location: Lighting Controller located at SE corner of Kreutzer Rd and Smith Drive.

Service Voltage (check one):

- 120/240V 1-phase, 3-wire
- 120/240V 3-phase, 4-wire
- 120/208V 3-phase, 4-wire
- Other:
- 4kV 12kV 34kV 3-phase, 3-wire
- 4kV 12kV 3-phase, 4-wire
- 277/480V 3-phase, 4-wire
- 480V 3-phase 3-wire (B-phase Grounded)
- 480V 3-phase 3-wire (Ungrounded – requires ground detection equip.)

Other Items (check all that apply):

- New Construction Sq. Ft.
- Building Addition Sq. Ft.
- Relocating Existing Service Entrance
- Hi-Rise/ Vault Service
- Underground Service
- Overhead Service
- Commercial – No. of units Sq. Ft.
- Residential – No. of units Sq. Ft.

Date of Ground Breaking (est.): _____ Date to Final Grade (est.): _____
Date to Energize: _____ Hours of Operation Per Day: 8 12 16 24

Switch Size (amps): 100 (If switchgear is 1,200 Amps or larger, customer must submit drawings for ComEd approval)
Switch Rating (percentage): 80%
Secondary Conductors: 3 (Number) Sets of 1 /C #2 (No. of conductors) (Size) CU or AL (Type)

Total Connected Load Information:

(KW or HP)	Description:	Connected Load:	
		1-phase	3-phase
Lighting:	Lighting	4.4 Kw	
VAC:			
Receptacle:			
Process Heat:			
Water Heat:			
Space Heat:			
Motors*:			
Welders**:			
TOTAL LOAD:		4.4 Kw	

*Motor Load Detail Included above:

Description	Quantity	Size (HP)	Efficiency Rating	Phase / Voltage	Nema Code	Starts Per Hr. or Day	Starting Amps	Use

**Welder Detail included above:

Description	Quantity	Size (kVA)	Type	Max. Inst. Demand	P.F. at Peak	Welds Per Minute	Cycles Per Weld	Hours Per Day Use

COMED CONTACT: NICOLE WILLIAMS
(630)-945-7721
NICOLE.WILLIAMS@COMED.COM



ComEd
An Exelon Company

Service and Meter Application Project Information Sheet

Project Name: Kreutzer Road Lighting
Site Address: 12201 Smith Drive City: Huntley Zip: 60142

Total Number of Service Entrance Locations (meters/switches) Requested: 1

Legal Name of Entity (Electric Consumer): Village of Huntley
 Corporation Partnership Sole Proprietor Other: Municipality
Tax I.D.: _____ Existing Account Number: 4060842222

Principle(s) to Sign Contracts For Service, Easements, Etc.:

Property Owner: _____ Phone: _____
Building Owner: _____ Phone: _____
Building Manager: Tim Farrell Phone: (847) 515-5222

Mailing Address For Contracts:

Company: Village of Huntley Phone: (847) 515-5200 Fax: _____
Address: 10987 Main Street City: Huntley Zip: 60142

Mailing Address For Electric Bills:

Company: Village of Huntley Phone: (847) 515-5200 Fax: _____
Address: 10987 Main Street City: Huntley Zip: 60142

Project Contacts:

Consulting Engineer: Rich Jezierny E-mail: rjezierny@cbbel.com
Firm Name: Christopher Burke Engineering, Ltd. Phone: (847) 823-0500 Fax: (847) 823-0520
Address: 9575 W. Higgins Road, Suite 600 City: Rosemont Zip: 60018

Electrical Contractor:

Consulting Engineer: _____ E-mail: _____
Firm Name: _____ Phone: _____ Fax: _____
Address: _____ City: _____ Zip: _____

Other:

Consulting Engineer: _____ E-mail: _____
Firm Name: _____ Phone: _____ Fax: _____
Address: _____ City: _____ Zip: _____

The Following Documents May Be Required:

- Plat of Survey with legal description of property (for easement, if required)
- Site Plan showing building relative to property lines – mark service entrance location(s)
- Civil drawings (showing water, sewer, gas, phone, electric, pavement, grading, etc.)
- Complete electrical drawings and/or load detail sheets

Information Provided By:

Print Name: Rich Jezierny
Signature: _____
Date: October 31, 2024

ELECTRICAL SERVICE APPLICATION FOR INFORMATIONAL PURPOSES ONLY

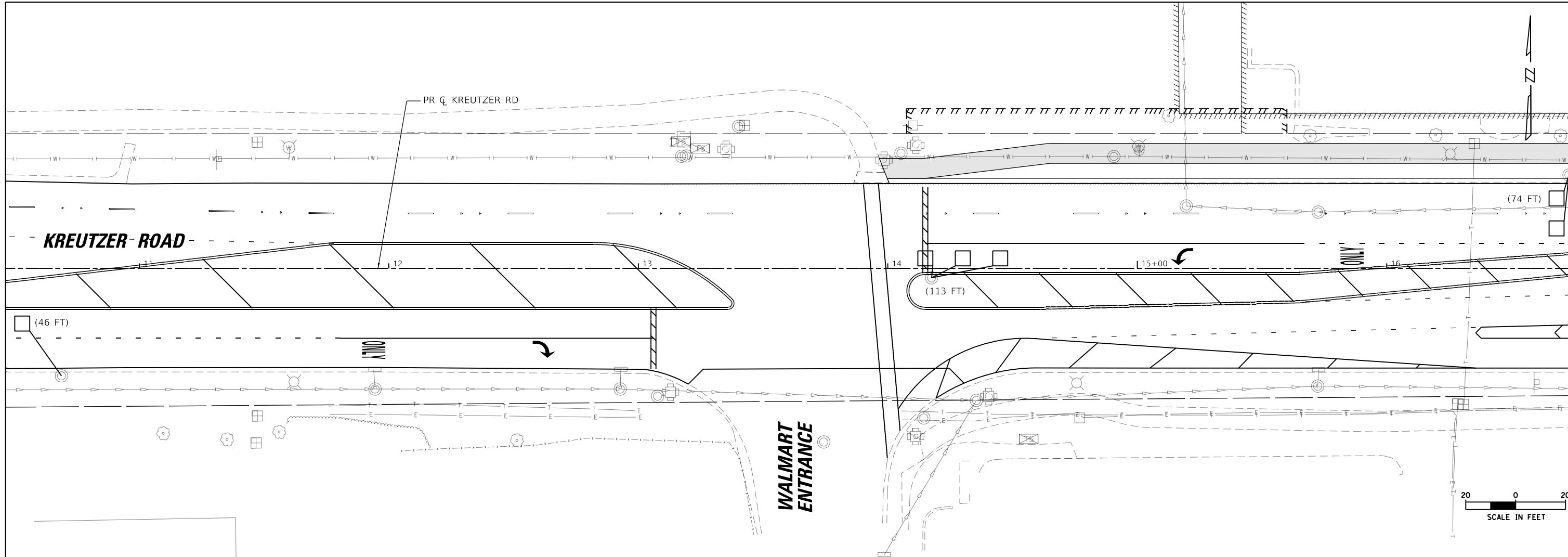
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USER NAME = BW001	DESIGNED - AJD / RJJ	REVISED -
	DRAWN - RJJ / HD	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - AJD	REVISED -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD LIGHTING DETAILS (6 OF 6)	
SCALE: NTS	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	268
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L48	



REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
X8860105	DETECTOR LOOP REPLACEMENT	233	FOOT

NOTES:

- WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
- THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

MODEL: Default
 FILE NAME: I:\projects\krcruz\krcruz\krcruz.dwg
 USER: EB
 DATE: 10/14/2025
 PLOT SCALE: 1"=20'
 PLOT DATE: 10/14/2025

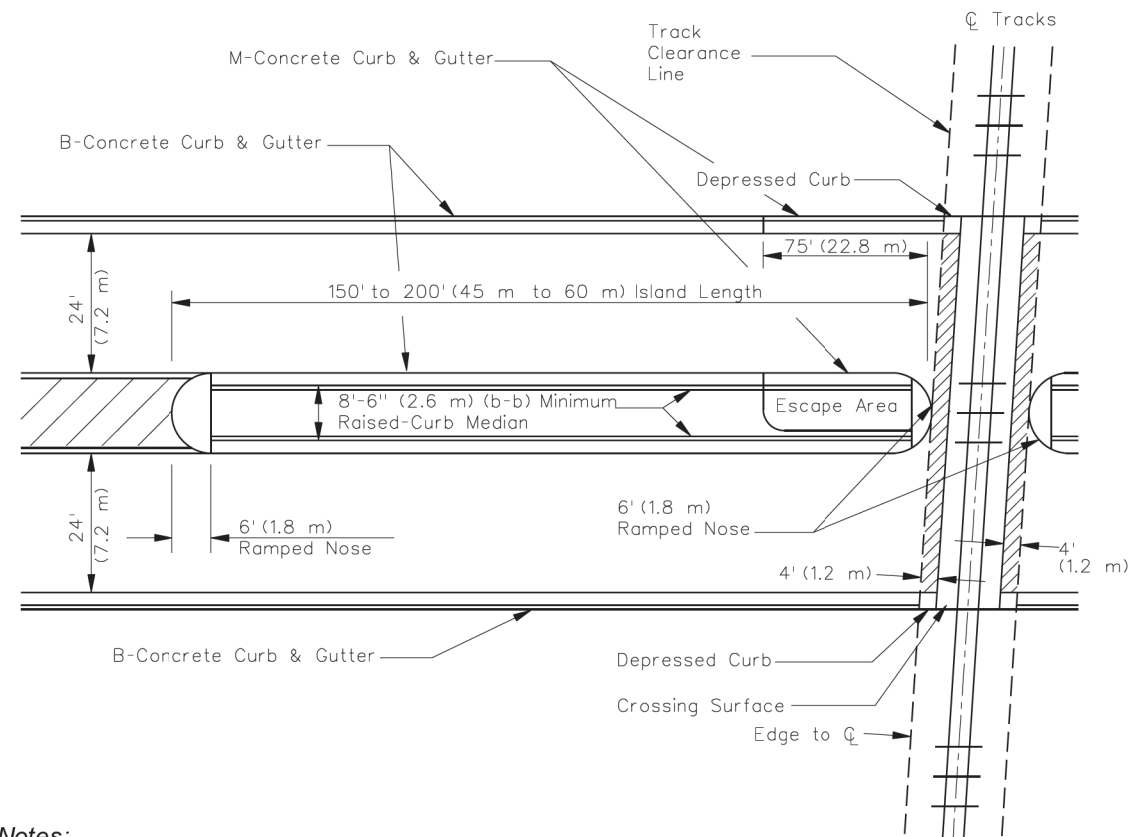
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DRAWN - BAW	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - KE	REVISED -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
TRAFFIC SIGNAL DETECTOR LOOP REPLACEMENT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	269
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



Notes:

1. Where a raised-curb, flush, or traversable type median is used on the roadway, provide B-6 or B-9 (B-15 or B-22) raised-curb median on crossing approaches and provide M-2 or M-4 (M-5 or M-10) raised-curb median on crossing departures adjacent to each side of the railroad track(s); see Section 34-2.04.
2. In addition to deterring vehicular movements over the track(s) in the median area, the raised-curb median provides a space for mounting railroad warning device units, if required. Also, see Section 36-8.
3. If the railroad tracks are located close to a cross street and lie within the left-turn lane of the intersection, this situation will require a special design and the use of barrier type curb along the median adjacent to the turn lane.
4. The median should have a minimum width of 8.5 ft (2.6 m) (10 ft (3.0 m) desirable) back-to-back of curb.

**TYPICAL MID-BLOCK MEDIAN TREATMENT ADJACENT TO RAILROAD CROSSINGS
(Multilane Urban and Suburban Highways)**

Figure 7-3.E

HARD COPIES UNCONTROLLED

7-3.11

MODEL: Default
 FILE NAME: I:\p\plan\krcrpt\sub\by.com\plan\krcrpt\07\Documents\1112277.044_KreutzerPH12_Dwg\11123_CADD\SHEET\9044-SHT-01-RR-03.dgn

USER NAME = BW001	DESIGNED - EJB	REVISED -
	DRAWN - EJB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - KE	REVISED -
PLOT DATE = 10/14/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
RAILROAD CROSSING DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	273
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L48	

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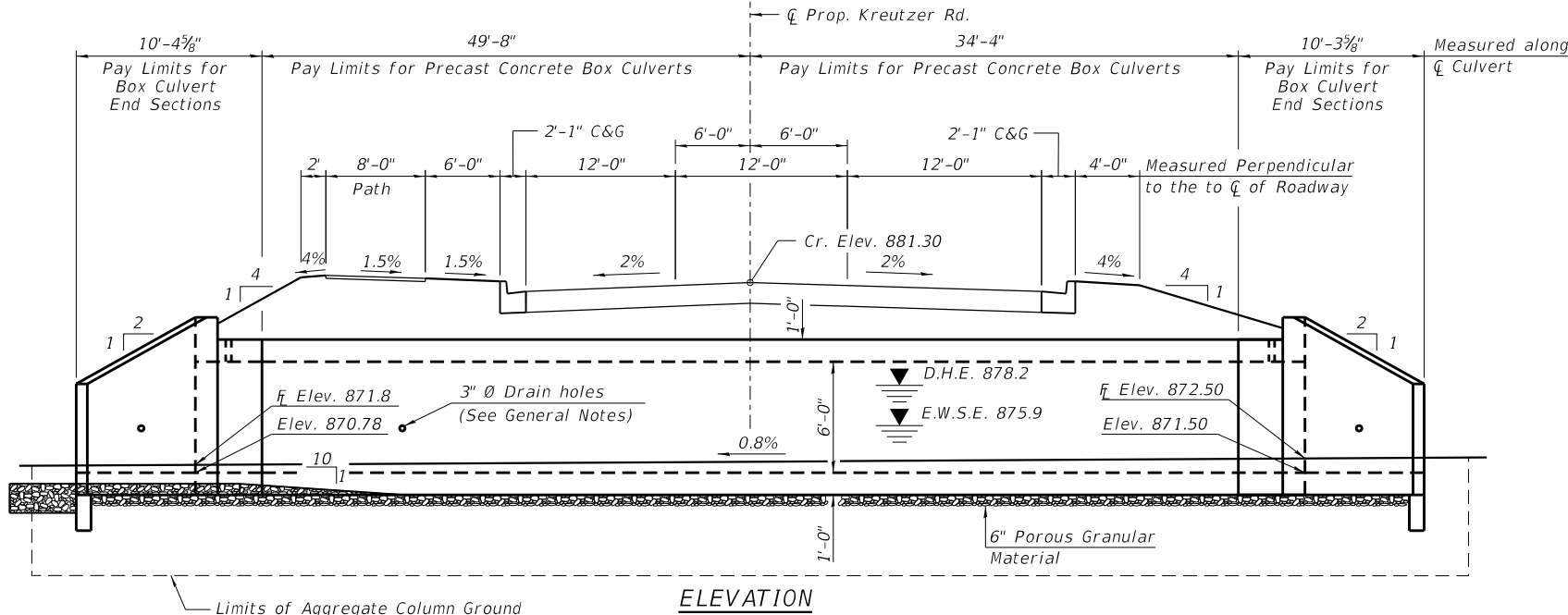
Benchmark:
Existing Structure: None.

INDEX OF SHEETS

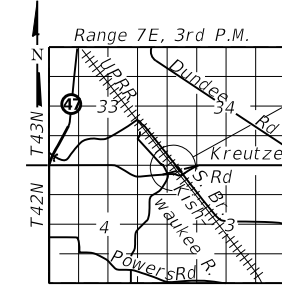
- SA-1 General Plan and Elevation
- SA-2 - SA-3 Precast Concrete Box Culvert Apron End Section Details

GENERAL NOTES

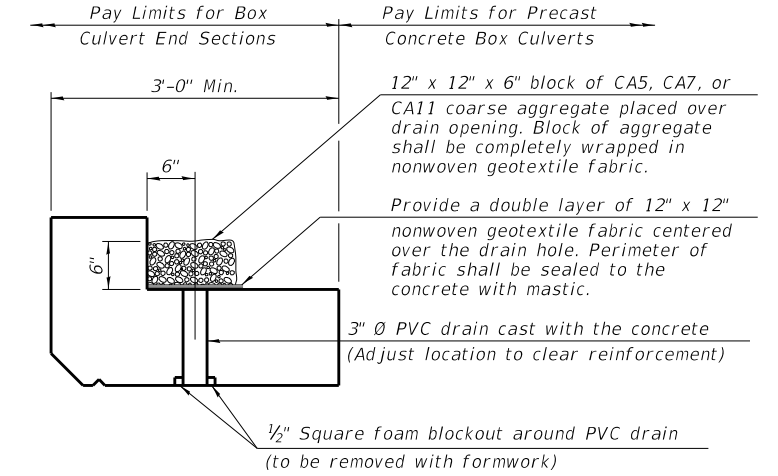
The design fill height for this box is 3 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



ELEVATION

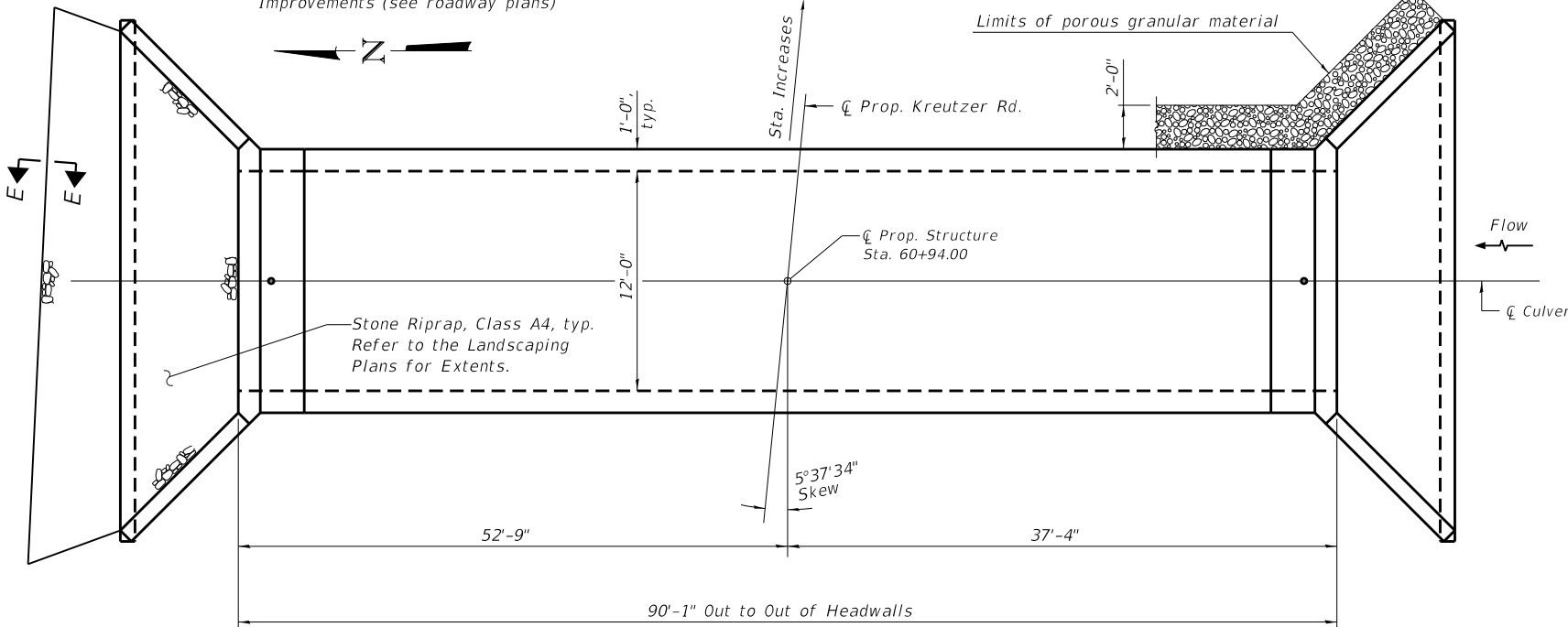


LOCATION SKETCH



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

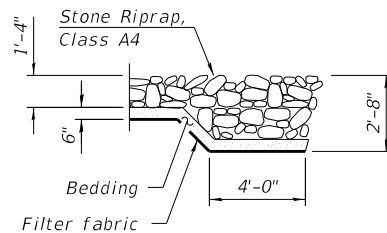


WATERWAY INFORMATION

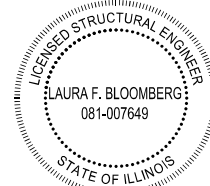
PLAN

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	140.8	17	60	877.7	1.9	0.2	879.6	877.9
Base	50	277.8	17	60	878.2	1.5	0.4	879.7	878.6
Overtop Exist.	100	373.8	17	60	878.4	1.4	1.2	879.8	879.6
Overtop Prop.	>8	128	17	-	877.5	2.5	-	879.3	-
Max. Calc.	299	595	-	60	879.2	-	1.3	-	880.5
	500	961	17/5	60	879.4	0.7	2.1	880.1	881.5

10-Year Velocity = 8.2 ft/s (Exist.)
10-Year Velocity = 3.7 ft/s (Prop.)



SECTION E-E



Laura F. Bloomberg P.E., S.E.
State of Illinois No. 081.007649
Expires 11/30/2026
Date: 02/28/2025

PROFILE GRADE

Along \bar{C} Kreuzer Road

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

LOADING HL-93

DESIGN STRESSES

PRECAST UNITS

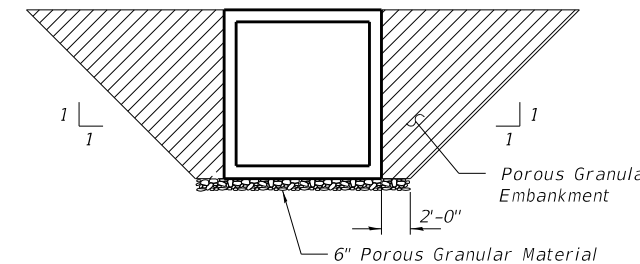
f'_c = 5,000 psi
 f_y = 65,000 psi (Welded Wire Reinforcement)

AGGREGATE COLUMN GROUND IMPROVEMENT DESIGN REQUIREMENTS

Minimum required nominal bearing resistance = 6310 psf
Minimum required factored bearing resistance = 2840 psf
Max applied service bearing pressure = 1890 psf
Max allowable settlement = 1.0 in.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	373
Box Culvert End Sections, Culvert No. 1	Each	2
Precast Concrete Box Culverts 12' X 6'	Foot	84



REMOVAL AND FILL LIMITS

**GENERAL PLAN AND ELEVATION
KREUTZER ROAD OVER
S. BRANCH KISHWAUKEE RIVER
TRIBUTARY A
F.A.U. 2259 SEC. 20-00050-00-PV
KANE COUNTY
STATION 60+94.00**

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



USER NAME = BW001	DESIGNED - EMA	REVISED -
	CHECKED - LFB	REVISED -
PLOT SCALE = 20:0.0000'"/in.	DRAWN - EMA/BMP	REVISED -
PLOT DATE = 10/14/2025	CHECKED - LFB	REVISED - 10/31/2025

SHEET SA-01 OF SA-03 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	274
CONTRACT NO.				

ILLINOIS FED. AID PROJECT

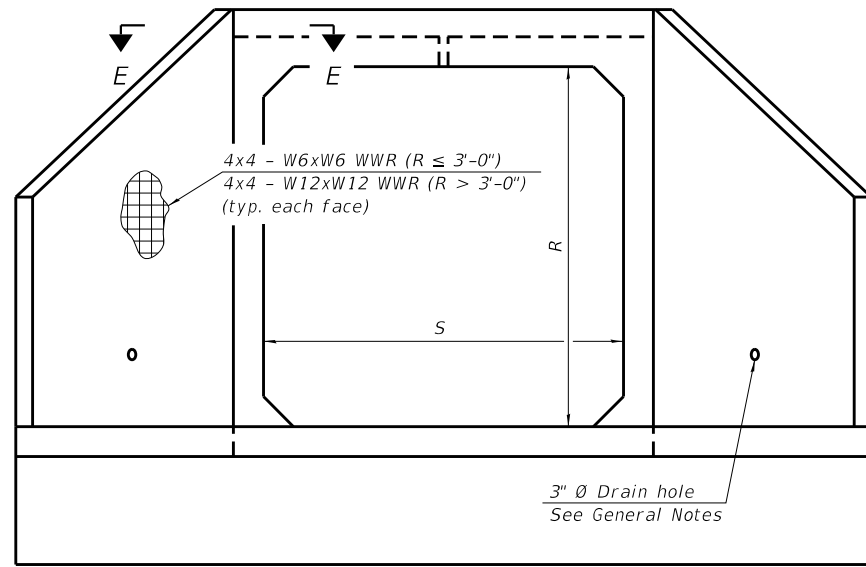
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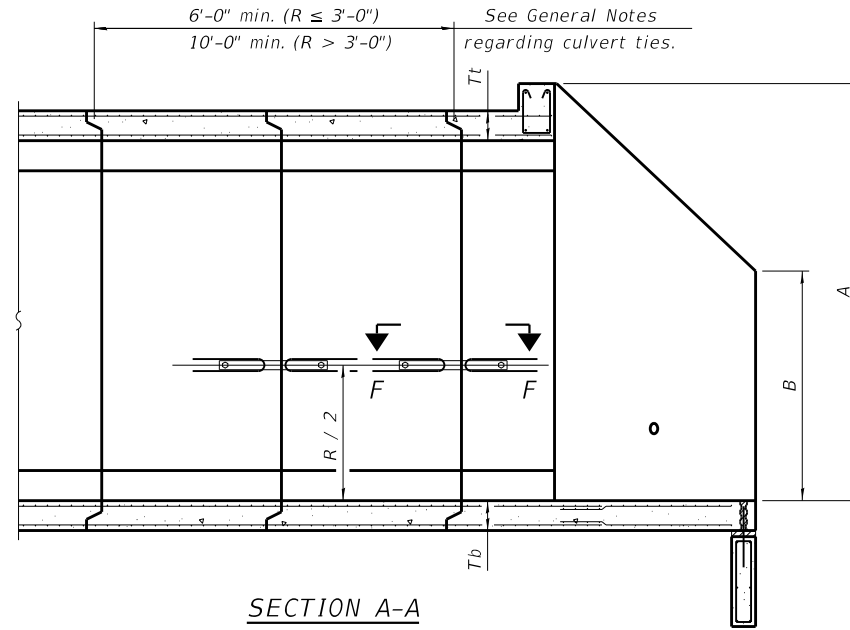
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END VIEW



SECTION A-A

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

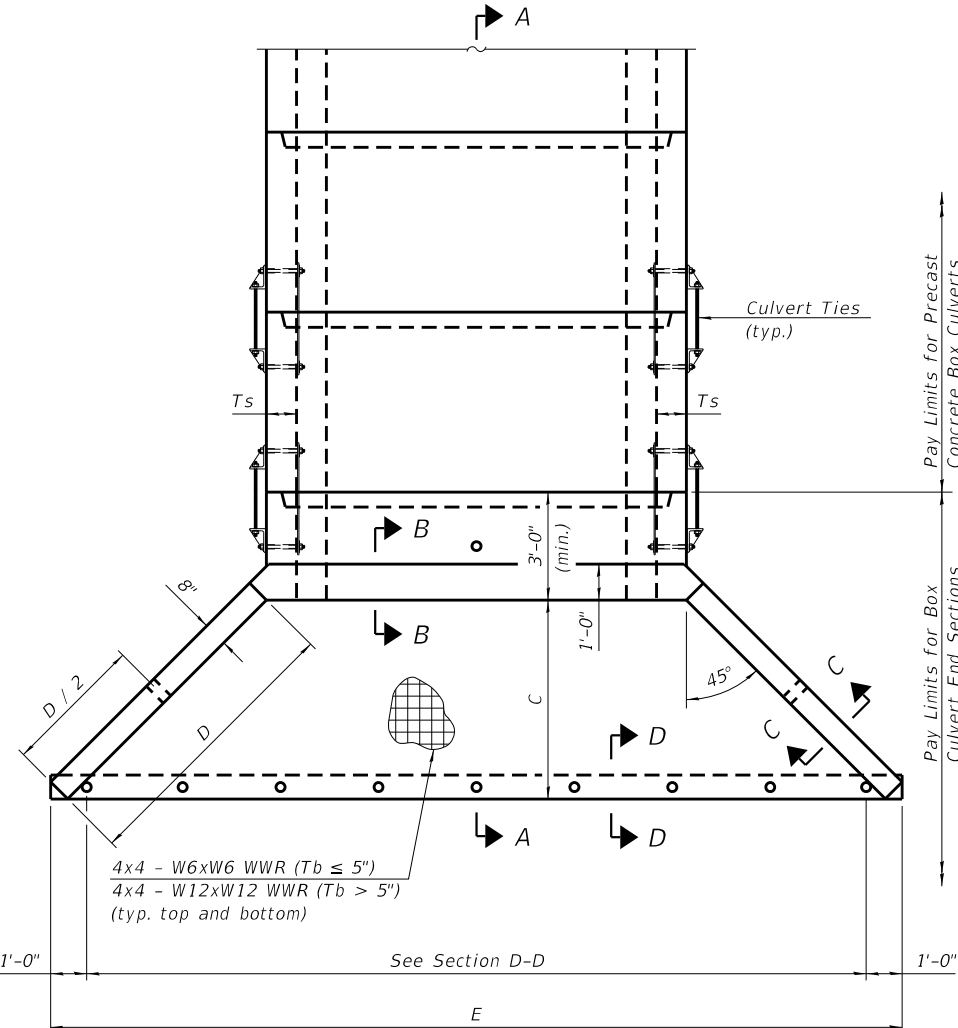
All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included in the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.



PLAN

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	10'-4 5/8"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 7/8"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 5/8"	5'-6"	12'-4 5/8"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 7/8"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 1/2"	2'-2 1/2"	2'-11 3/8"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-5"	2'-1"	2'-8 1/2"	3'-10"	11'-2 3/8"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 1/2"	2'-8 1/2"	3'-11 3/8"	5'-7"	13'-8 1/8"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 1/2"	5'-3"	13'-2 3/8"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 1/2"	3'-2 1/2"	4'-11 3/8"	7'-0"	15'-8 1/8"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 3/8"	6'-8"	15'-2 1/2"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 1/4"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	14'-10 1/4"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 1/4"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	16'-10 1/8"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 1/4"	6'-9"	16'-5 7/8"	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	18'-10 1/8"	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9 1/4"	8'-2"	18'-5 7/8"	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10 3/8"	4'-1"	13'-10 3/8"	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	16'-0 1/8"	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10 3/8"	5'-6"	15'-10 3/8"	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	18'-0 1/8"	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10 3/4"	6'-11"	17'-10 3/4"	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	20'-0 1/8"	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10 3/4"	8'-4"	19'-10 3/4"	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	22'-0 1/4"	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10 3/4"	9'-9"	21'-10 3/4"	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	17'-2 1/8"	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	19'-2 1/8"	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	21'-2 1/8"	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	23'-2 1/4"	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	18'-2 1/8"	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	20'-2 1/8"	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	22'-2 1/8"	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	24'-2 1/4"	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0 3/4"	4'-4"	17'-6 7/8"	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0 3/4"	5'-9"	19'-6 7/8"	7.5	Yes
9'-0"	4'-0"	9"	9"	9"	5'-6"	3'-3"	5'-0 3/4"	7'-2"	21'-6 7/8"	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0 7/8"	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0 7/8"	9'-11"	25'-5 3/8"	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1 1/2"	4'-5"	18'-10 1/4"	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1 1/2"	5'-10"	20'-10 1/4"	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1 1/2"	7'-3"	22'-10 3/8"	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1 1/2"	8'-8"	24'-10 3/8"	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1 1/2"	10'-1"	26'-10 3/8"	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2 7/8"	4'-7"	20'-3 1/8"	8.2	No
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11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2 7/8"	7'-4"	24'-1 3/8"	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2 7/8"	8'-9"	26'-1 3/8"	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2 7/8"	10'-2"	28'-1 7/8"	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3 3/8"	4'-8"	21'-6 1/2"	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3 3/8"	6'-1"	23'-6 1/2"	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3 3/8"	7'-6"	25'-6 3/8"	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3 3/8"	8'-11"	27'-6 3/8"	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3 3/8"	10'-4"	29'-6 3/8"	17.4	Yes

Note:

Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

(Sheet 1 of 2)



USER NAME = BW001	DESIGNED - EMA	REVISED -
CHECKED - LFB	REVISED -	
PLOT SCALE = 20,0000' / in.	DRAWN - EMA/BMP	REVISED -
PLOT DATE = 10/14/2025	CHECKED - LFB	REVISED - 3/03/2025

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

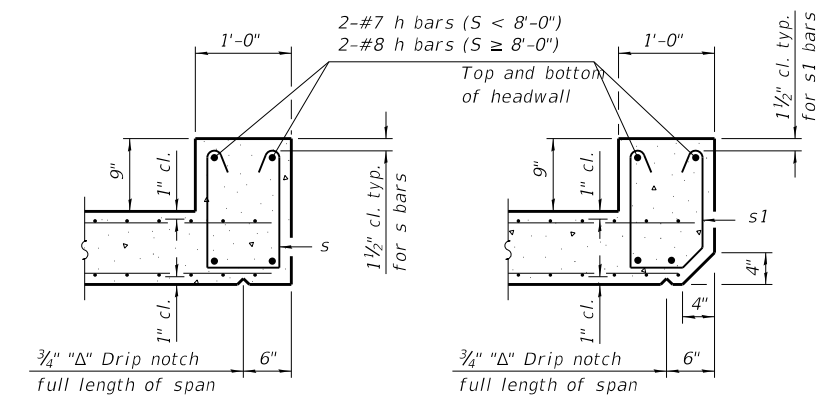
**PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS**

SHEET SA-02 OF SA-03 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	275
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

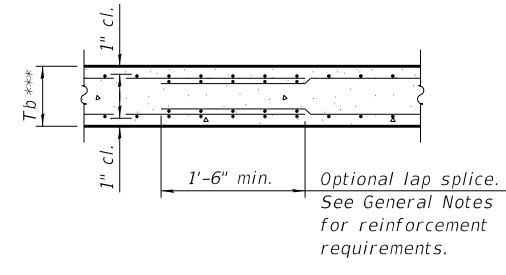
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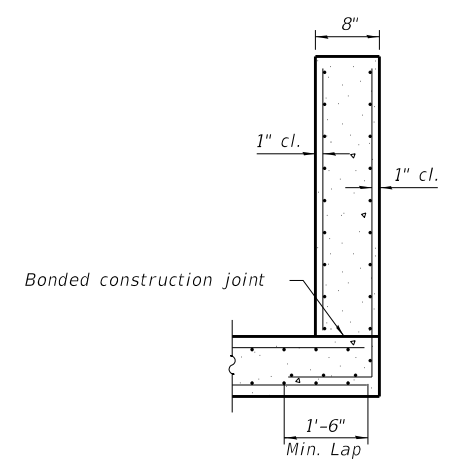
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

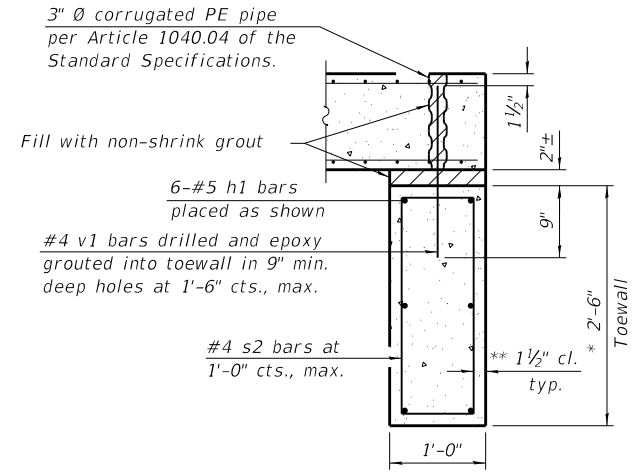


SECTION B-B
(Bottom Slab)

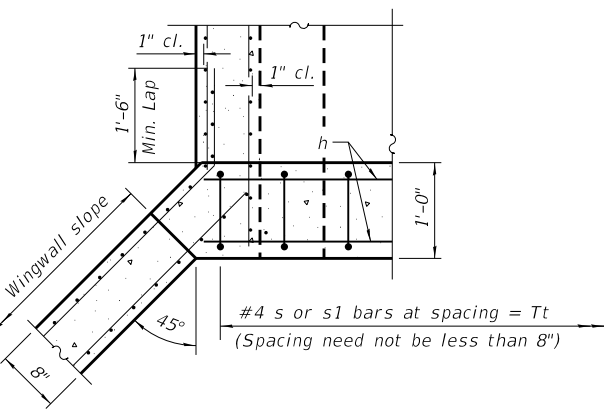
*** This dimension shall be increased by 2" for CIP construction.



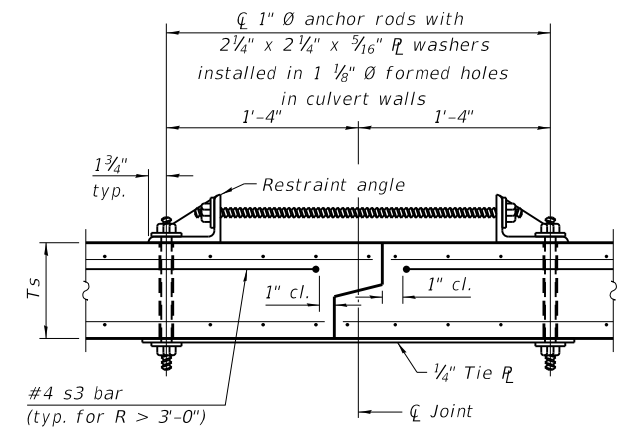
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F
(Showing culvert tie details)

TOEWALL CONSTRUCTION SEQUENCE

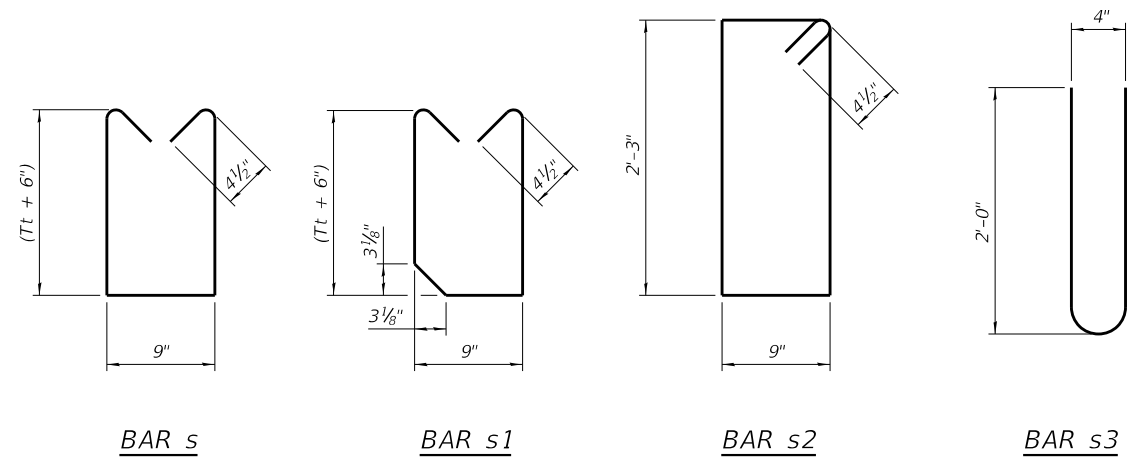
1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

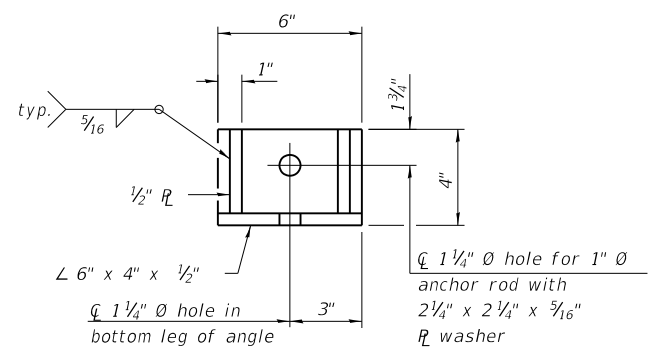
** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

Notes:

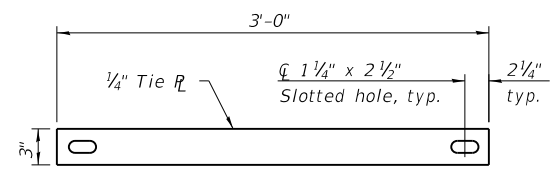
1" diameter anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4 x 2 1/4 x 3/16 inch plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.



BAR s **BAR s1** **BAR s2** **BAR s3**



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

(Sheet 2 of 2)

SCB-AES

5-15-2023

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	276
CONTRACT NO.				

SHEET SA-03 OF SA-03 SHEETS

ILLINOIS FED. AID PROJECT

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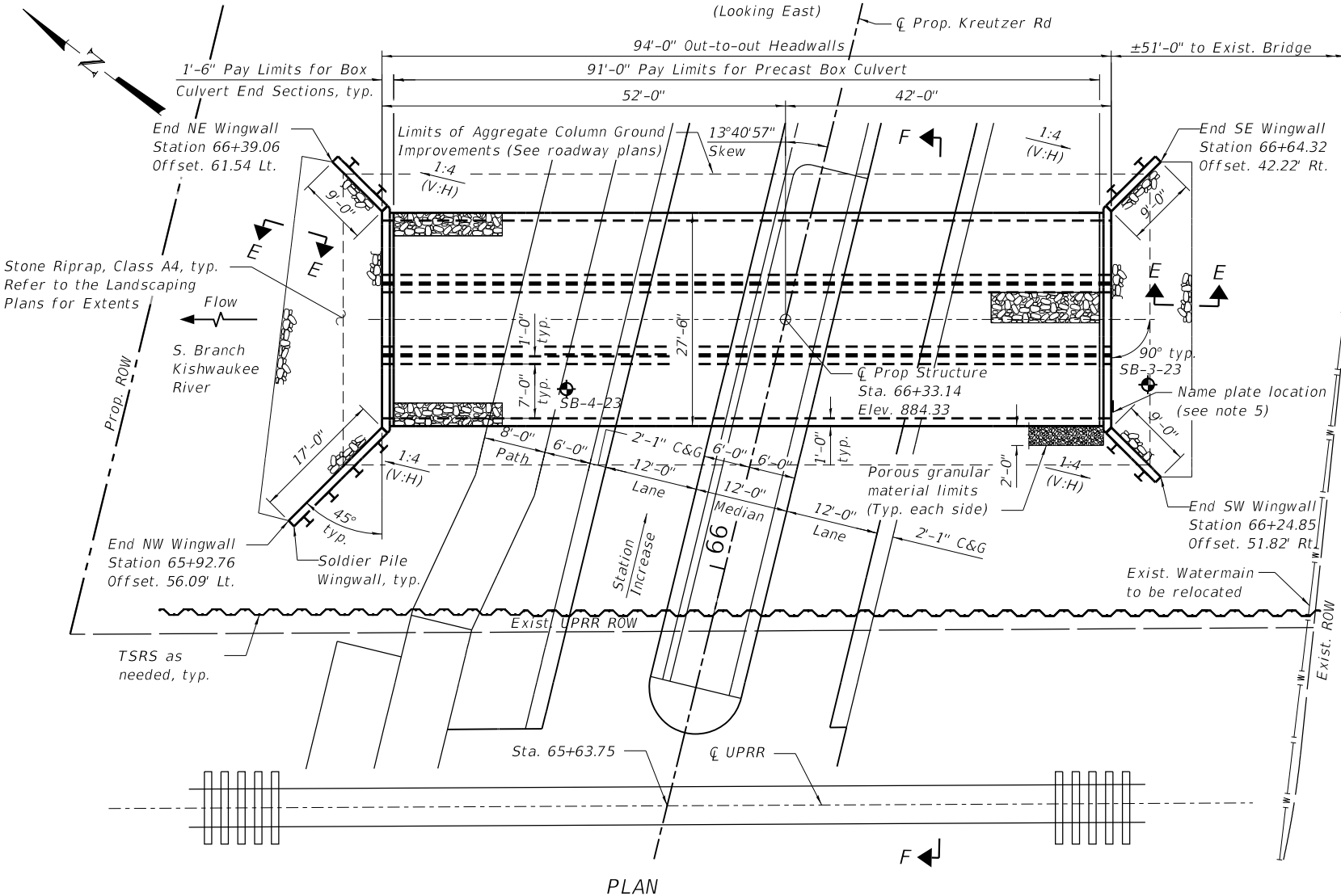
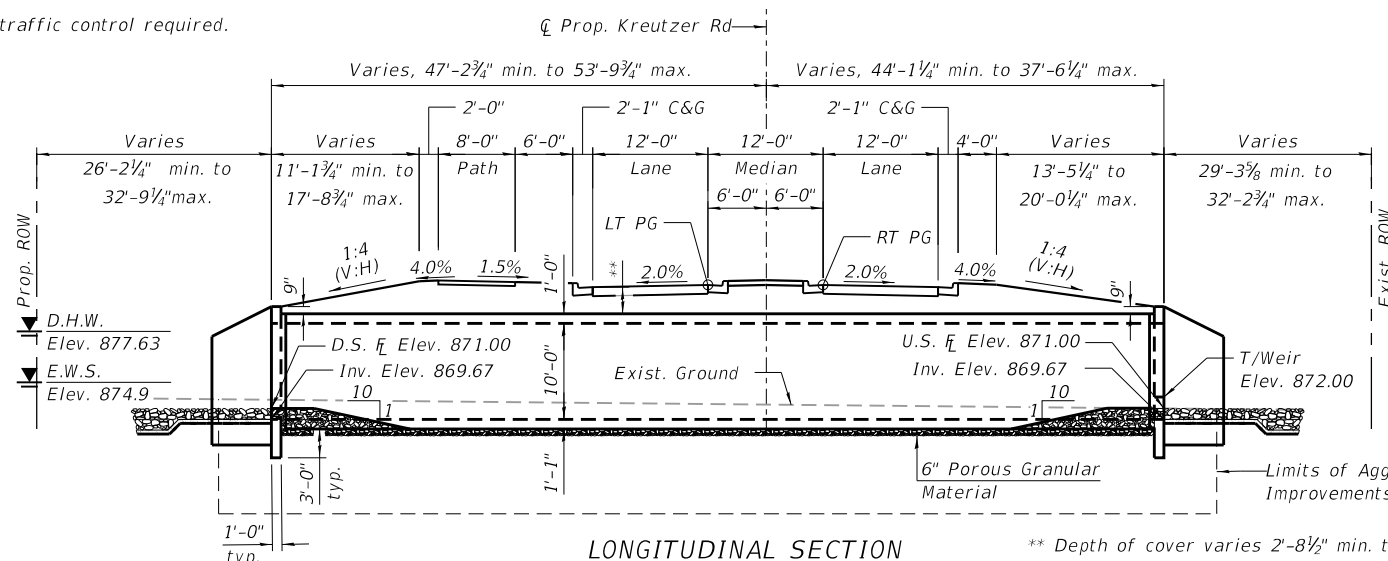
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Benchmark: #5 Rebar with plastic cap, located 43.2 feet northerly from the north edge of paved shoulder of Kreuzer Road
 Northing: 1998247.86 Easting 963496.56 Elev. 880.08

Existing Structure:
 S.N. 045-6031 carrying Kreuzer Road over S. Branch Kishwaukee River, consists of a 13'-10" long and 25'-10" wide concrete slab bridge supported by wall-type abutments and flared wingwalls. The proposed alignment and proposed structure for Kreuzer Road does not intersect with any portion of the existing structure. Entire structure to be removed.

Traffic Control: No traffic control required.

Salvage: None.



SUGGESTED SEQUENCE OF CONSTRUCTION

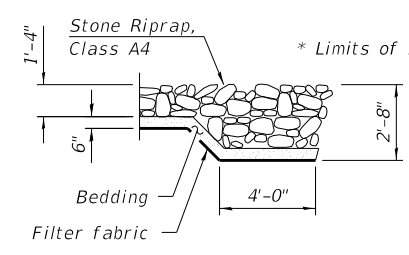
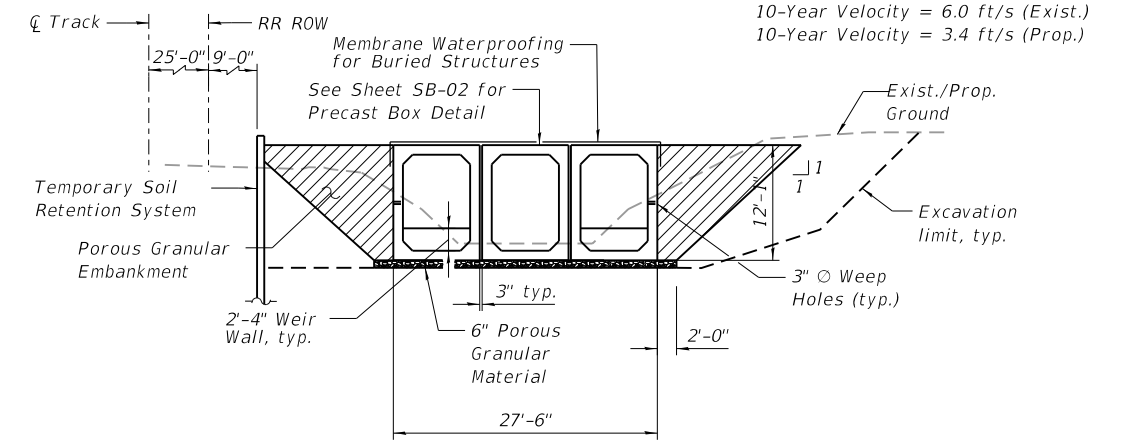
1. Install TSRS, Excavate and install Aggregate Column Ground Improvements (see roadway plans).
2. Install precast portion of triple-box culvert and CIP end sections.
3. Drive soldier piles.
4. Install timber lagging and CIP facing.
5. See sheet SB-02 of SB-07 for Name Plate detail.

WATERWAY INFORMATION

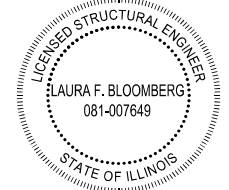
Flood Event	Freq. Yr.	Q C.F.S.	Opening (sf)		Natural H.W.E. (ft)	Head (ft)		Headwater El. (ft)	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	354	59	103	876.57	0.48	0.10	877.05	876.67
Base	30	510	73	125	877.63	0.66	0.18	878.29	877.81
Scour Check	50	602	80	137	878.17	0.77	0.22	878.94	878.39
RR ROW	100	763	91	155	879.05	0.97	0.31	880.02	879.36
Overtop Prop.	200	959	102	168	879.85	1.30	0.46	881.15	880.31
Max. Calc.	145	890	98	-	879.50	1.30	-	880.80	-
	210	974	-	168	879.90	-	0.70	-	880.60
	500	1301	116	168	880.97	2.02	1.21	882.99	882.18

Existing Overtopping El. 880.80 @ Sta. 71+67.00
 Prop. Overtopping El. 880.63 @ Sta. 71+00.00

10-Year Velocity = 6.0 ft/s (Exist.)
 10-Year Velocity = 3.4 ft/s (Prop.)



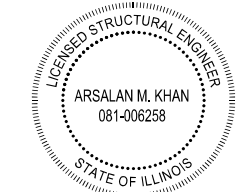
Stamp applies for sheets SB-01 and SB-02:



Laura F. Bloomberg P.E., S.E.
 State of Illinois No. 081.007649
 Expires 11/30/2026
 Date: 02/28/2025

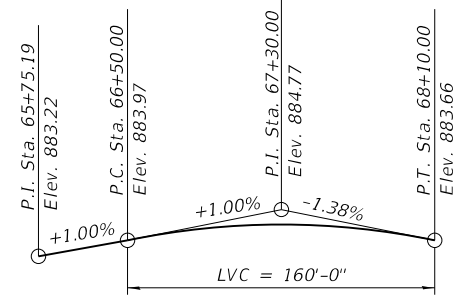
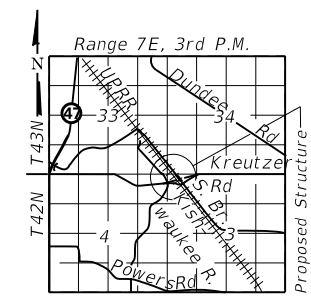
I certify that to the best of knowledge, information and belief, this culvert design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO LRFD Bridge Design Specifications.

Stamp applies for sheets SB-03 through SB-07:



Arsalan M. Khan P.E., S.E.
 State of Illinois No. 081.006258
 Expires 11/30/2026
 Date: 01/20/2025

I certify that to the best of knowledge, information and belief, this culvert design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO LRFD Bridge Design Specifications.



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 FILE NAME: 044-SHT-045-6034-GenData-SB02

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
3. Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
4. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

INDEX OF SHEETS

- SB-01 General Plan And Elevation
- SB-02 General Data
- SB-03 Box Culvert End Section Details 1
- SB-04 Box Culvert End Section Details 2
- SB-05 Wingwall Details
- SB-06 Soil Boring Logs 1
- SB-07 Soil Boring Logs 2

TOTAL BILL OF MATERIAL

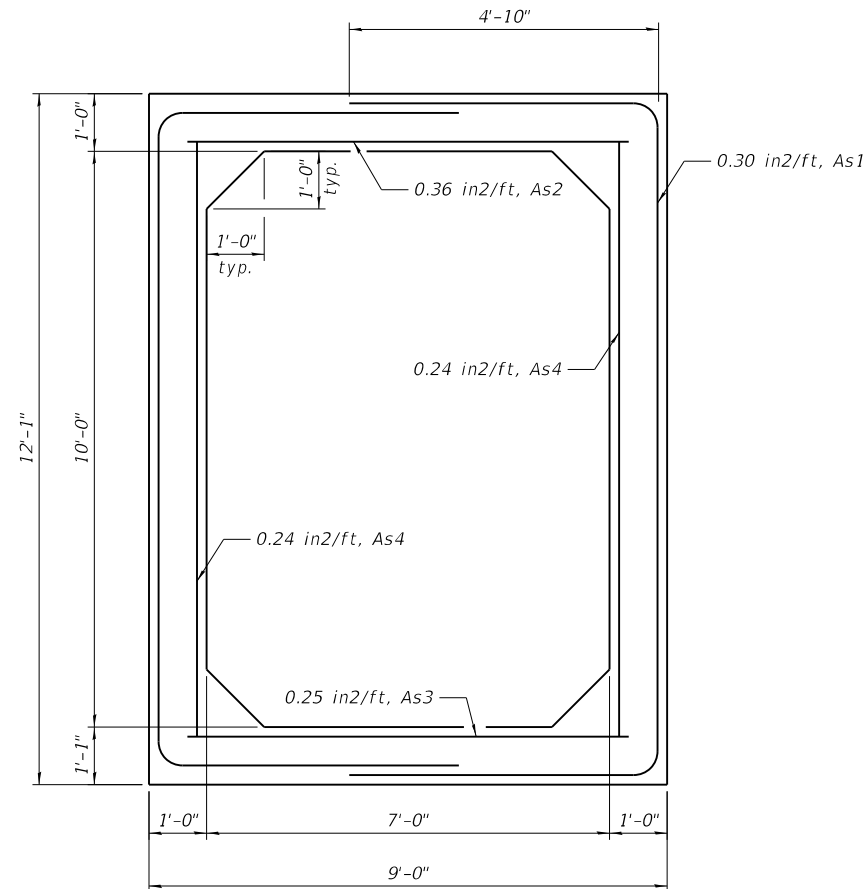
ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu Yd	792
Removal Of Existing Structures	Each	1
Concrete Structures	Cu Yd	18.1
Stud Shear Connectors	Each	86
Reinforcement Bars, Epoxy Coated	Pound	2,100
Name Plates	Each	1
Temporary Soil Retention System	Sq Ft	1407
Furnishing Soldier Piles (Hp Section)	Foot	324
Driving Soldier Piles	Foot	324
Untreated Timber Lagging	Sq Ft	329
Box Culvert End Sections, Culvert No. 2	Each	2
Precast Concrete Box Culverts 10' X 7'	Foot	273
Geocomposite Wall Drain	Sq Yd	15
Membrane Waterproofing System For Buried Structures	Sq Yd	329

AGGREGATE COLUMN GROUND IMPROVEMENT DESIGN REQUIREMENTS

Minimum required nominal bearing resistance = 8300 psf
 Minimum required factored bearing resistance = 3725 psf
 Max applied service bearing pressure = 2500 psf
 Max allowable settlement = 1.0 in.

S. BRANCH KISHWAUKEE RIVER
 BUILT 20__ BY
 VILLAGE OF HUNTLEY
 SEC. 20-00050-00-PV
 F.A.U. RT. 2259 STA. 66+33.14
 STR. NO. 045-6034 LOADING HL-93

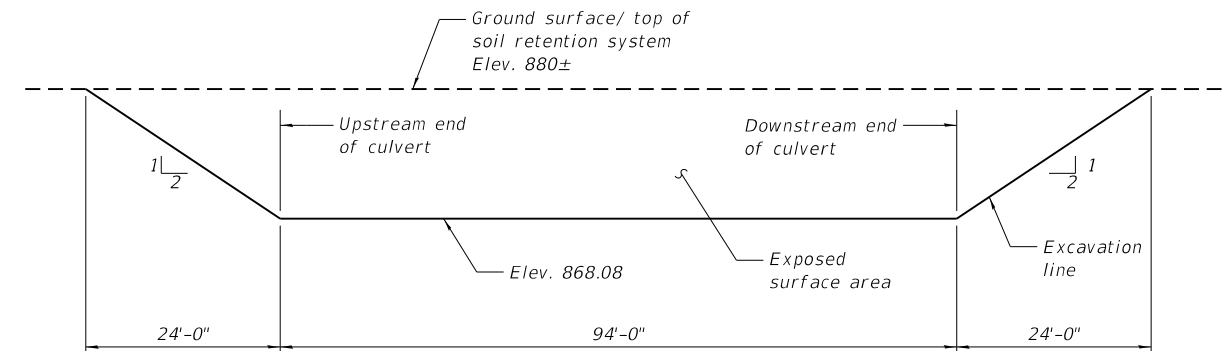
NAME PLATE
 See Std. 515001



PRECAST BOX DETAIL

The precast box shall conform to ASTM C1577 except the areas of steel shall be as noted above.

The contractor shall submit shop drawings for the precast box for review.



TEMPORARY SOIL RETENTION SYSTEM

(Elevation - Looking West)

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

The TSRS shall be designed to withstand Railroad live load surcharge and shall satisfy the applicable requirements of the Union Pacific Public Projects Manual.



USER NAME = CD012	DESIGNED - EMA	REVISED -
PLOT SCALE = 20:0.0000' : 1 in.	CHECKED - LFB	REVISED -
PLOT DATE = 11/21/2025	DRAWN - EMA	REVISED -
	CHECKED - LFB	REVISED - 3/03/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

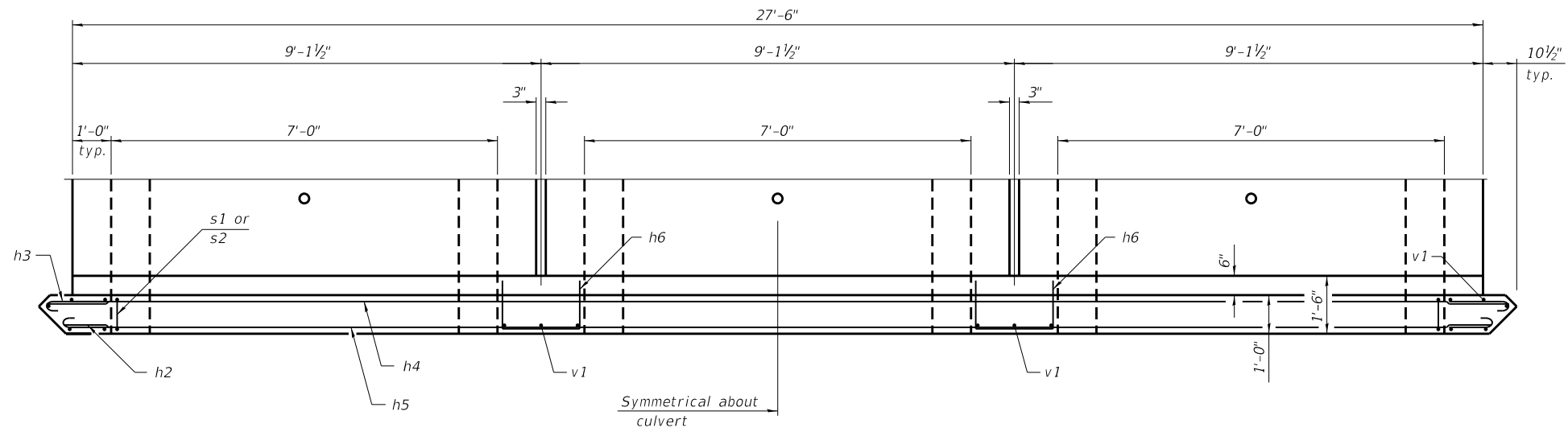
GENERAL DATA
STRUCTURE NO. 045-6034

SHEET SB-02 OF SB-07 SHEETS

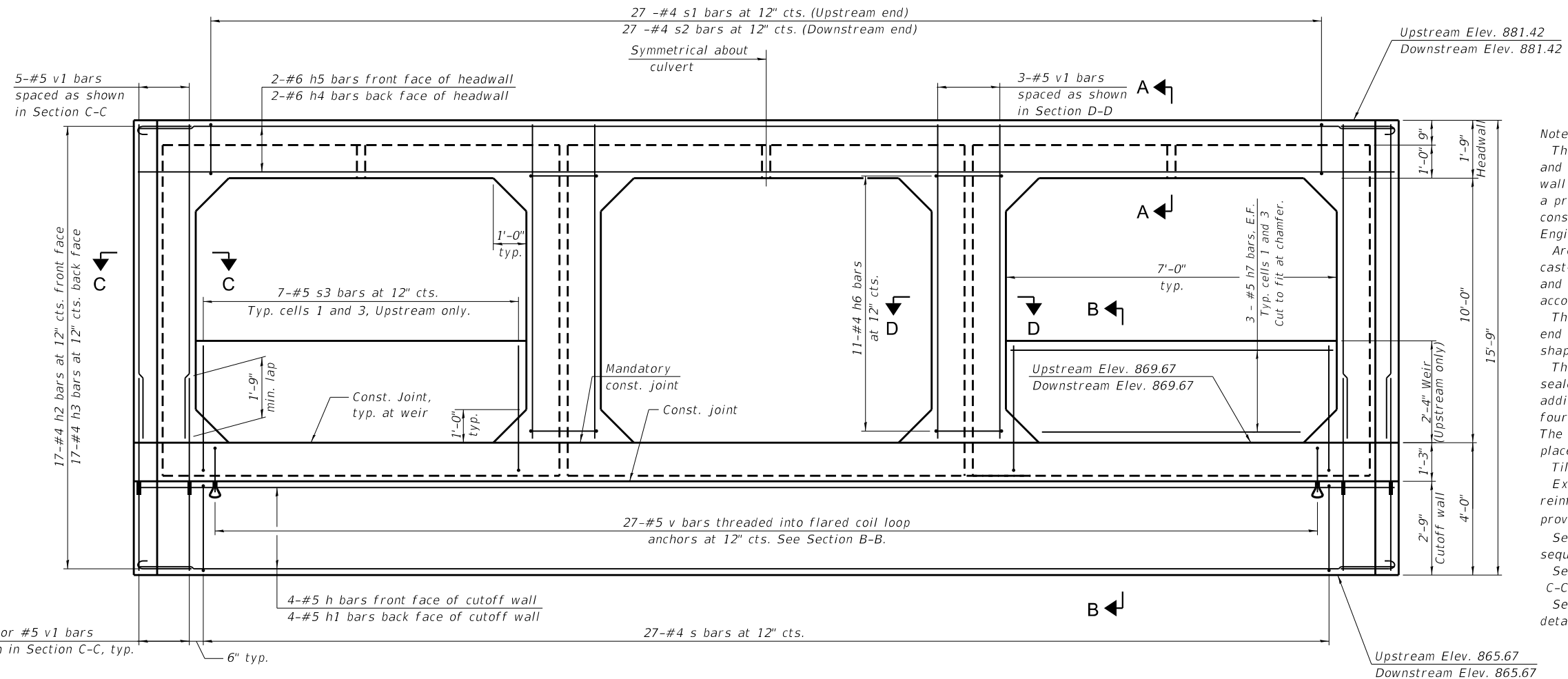
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CONTRACT NO.				
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PLAN



END ELEVATION

(Wingwalls omitted in this view for clarity.)

Note:
 The box culvert end section shall be built in the field and a precast option is not allowed except the cutoff wall may be precast. If the Contractor elects to use a precast cutoff wall, shop drawings and a proposed construction sequence shall be submitted to the Engineer for approval.
 Areas of the precast box culvert in contact with cast-in-place concrete shall be sandblasted, cleaned, and wetted prior to placing concrete in the field according to Article 503.09(b).
 The ends of the precast box sections adjacent to the end section shall be formed without male and female shapes.
 The joints between precast box sections shall be sealed, all voids filled with a mastic joint sealer. In addition, the joints shall be externally sealed on all four sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfilling process.
 Tilt h2 and h3 bars as required to maintain clearance. Extend precast concrete box culvert welded wire reinforcement into end section. Bend as necessary to provide 1 1/2" clear cover.
 See sheet SB-01 of SB-07 for culvert construction sequence.
 See sheet SB-04 of SB-07 for section A-A, B-B, C-C and D-D.
 See sheet SB-05 of SB-07 for additional wing wall details.

BILL OF MATERIAL

Item	Unit	Total
Box Culvert End Sections, Culvert No. 2	Each	2



USER NAME = BW001
 PLOT SCALE = 20:0.0000'"/in.
 PLOT DATE = 10/14/2025

DESIGNED - EMA
 CHECKED - AMK/LFB
 DRAWN - EMA
 CHECKED - AMK/LFB
 REVISED -
 REVISED -
 REVISED -
 REVISED - 3/03/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

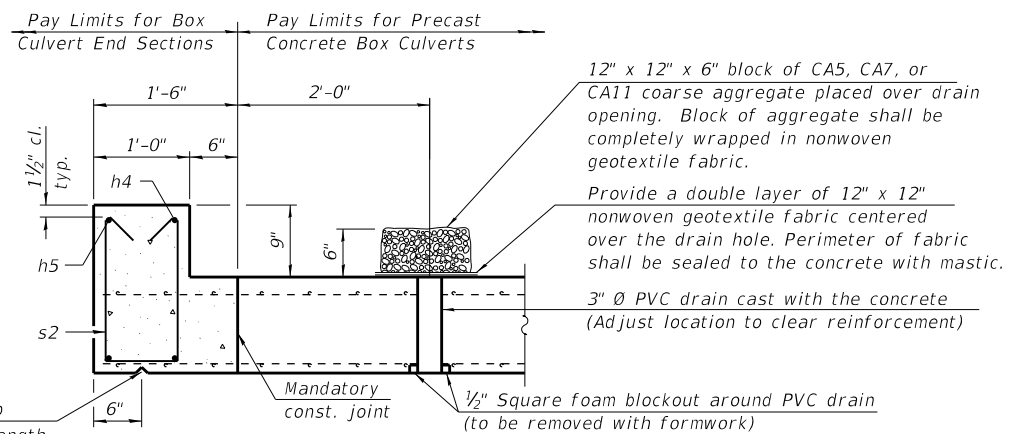
BOX CULVERT END SECTION DETAILS 1
STRUCTURE NO. 045-6034

SHEET SB-03 OF SB-07 SHEETS

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

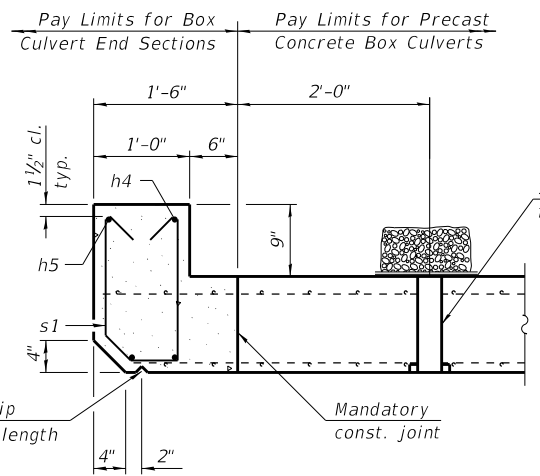
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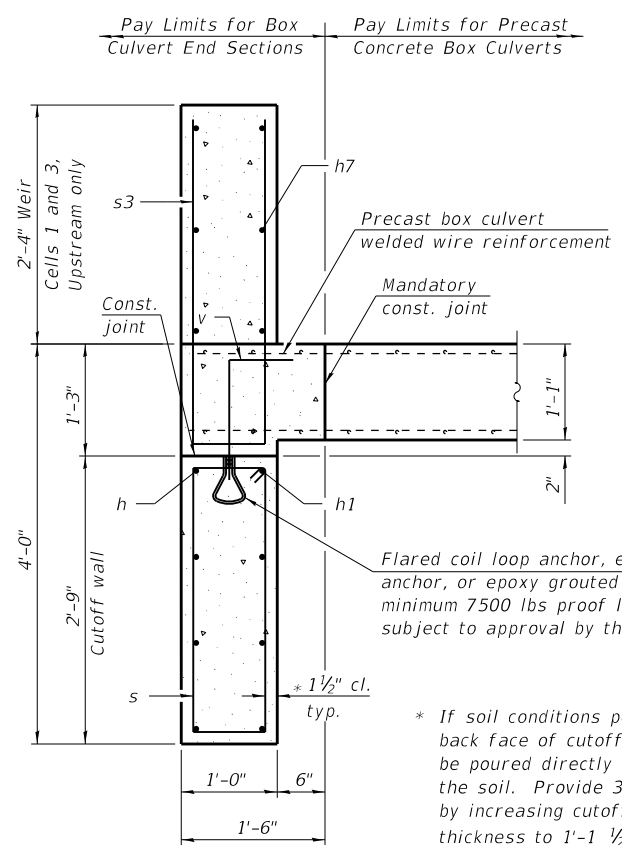
SECTION A-A
(Downstream End)

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

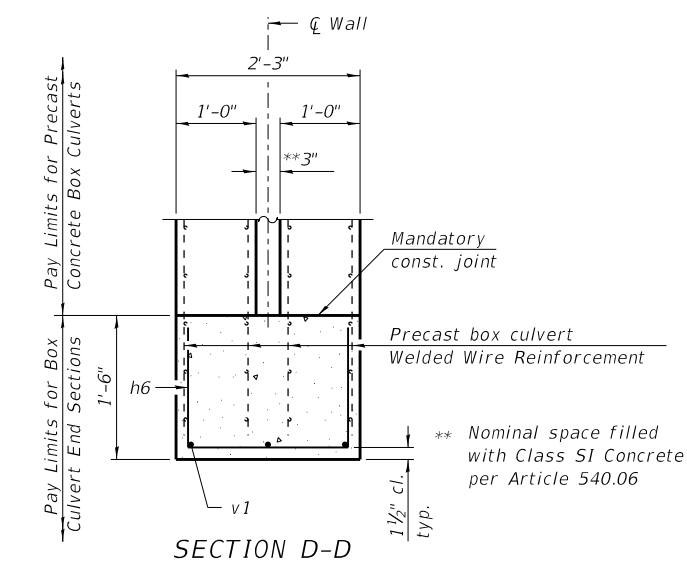


SECTION A-A
(Upstream End)

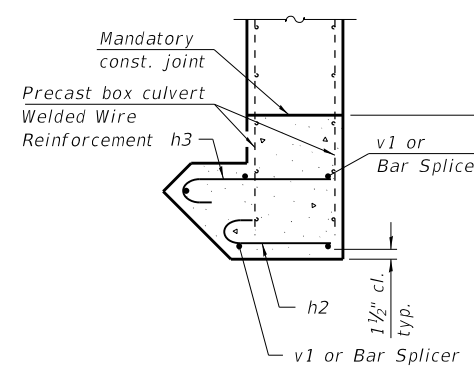
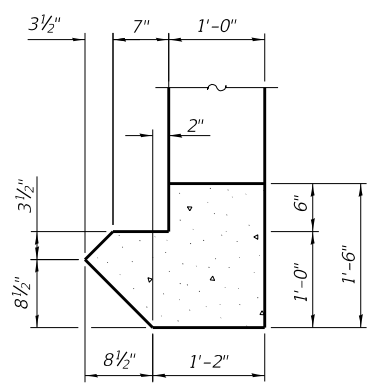
Note:
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



SECTION B-B



SECTION D-D

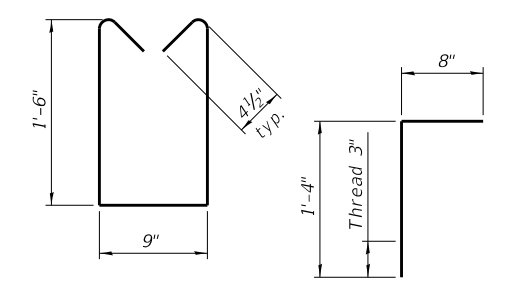
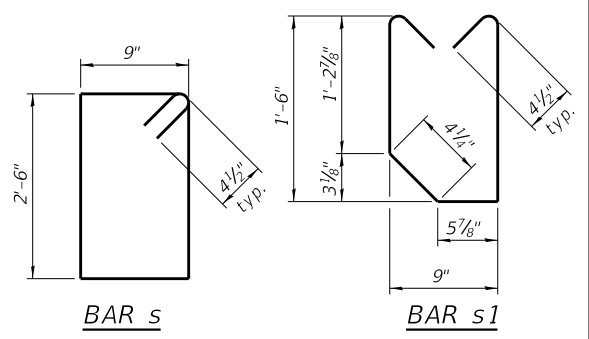
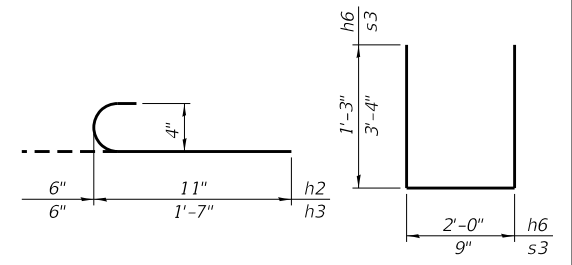


Notes:
 See sheet SB-01 of SB-07 for culvert construction sequence.

ONE END SECTION
BILL OF MATERIAL
 (for information only)

Bar	No.	Size	Length	Shape
h	4	#5	27'-7"	—
h1	4	#5	28'-5"	—
h2	34	#4	1'-5"	⊞
h3	34	#4	2'-1"	⊞
h4	2	#6	28'-5"	—
h5	2	#6	27'-7"	—
h6	22	#4	4'-6"	⊞
h7	12	#5	6'-9"	—
s	27	#4	7'-3"	⊞
s1	27	#4	4'-4"	⊞
s2	27	#4	4'-6"	⊞
s3	14	#5	7'-5"	⊞
v	27	#5	2'-0"	⊞
v1	16	#5	11'-6"	—
Concrete Box Culverts				Cu Yd 12.7
Reinforcement Bars, Epoxy Coated				Pound 1,280
Bar Splicers				Each 16

* Upstream end section only



BAR s2 | **BAR v**

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BOX CULVERT END SECTION DETAILS 2
STRUCTURE NO. 045-6034

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	280

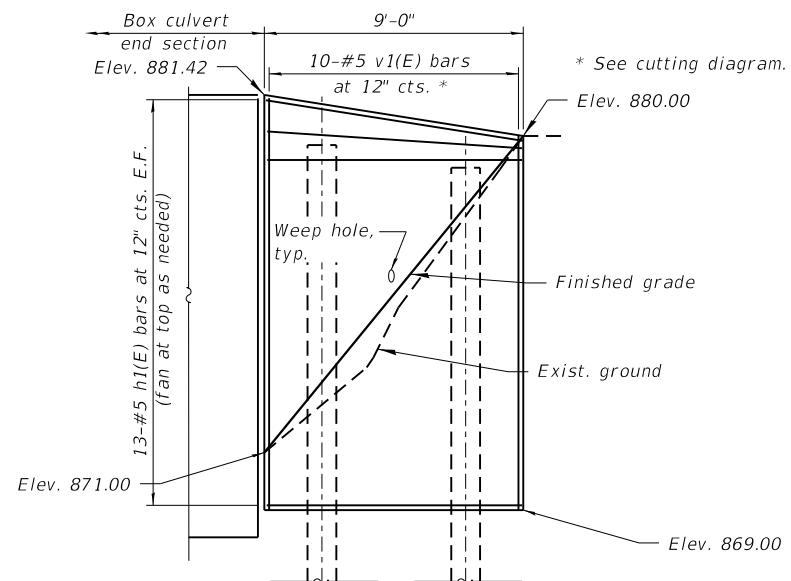
CONTRACT NO. _____

SHEET SA-04 OF SA-07 SHEETS

ILLINOIS FED. AID PROJECT

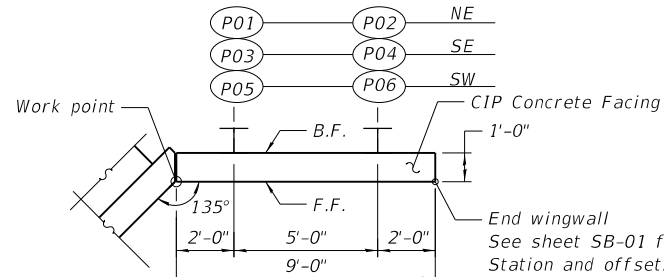
REUSE OF DOCUMENTS: THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF PATRICK ENGINEERING, AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF PATRICK ENGINEERING.

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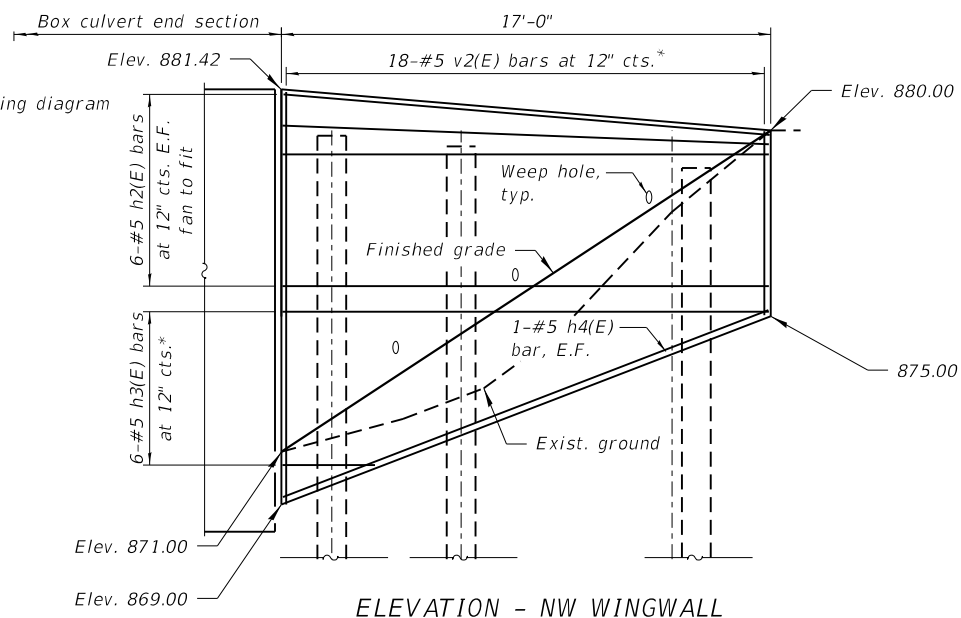


ELEVATION - NE, SW, SE WINGWALLS

(Looking at F.F.)

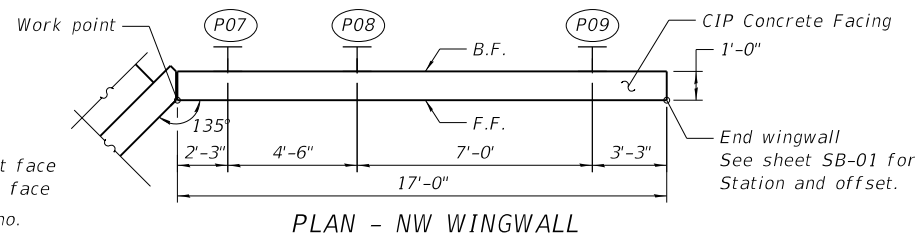


PLAN - NE, SW, SE WINGWALLS



ELEVATION - NW WINGWALL

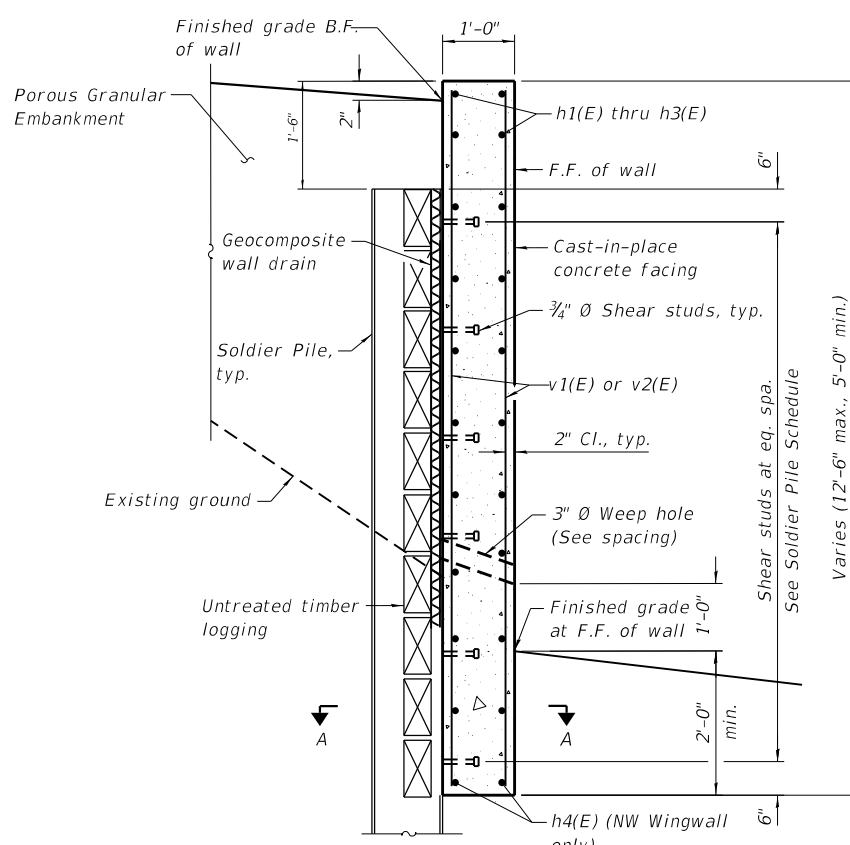
(Looking at F.F.)



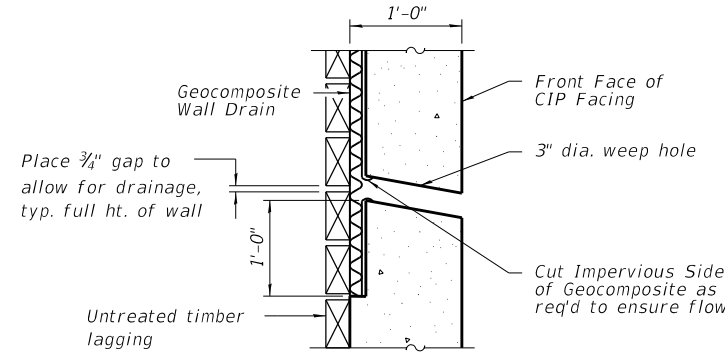
PLAN - NW WINGWALL

LEGEND

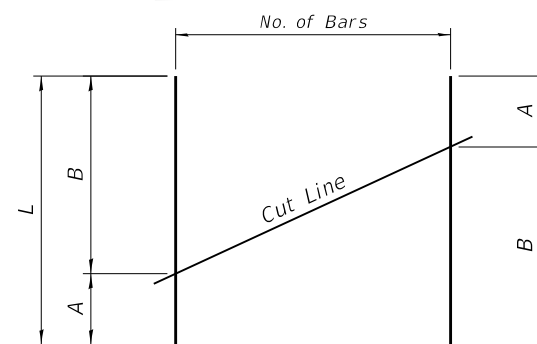
- F.F. Denotes front face
- B.F. Denotes back face
- P# Soldier pile no.



TYPICAL SECTION THRU SOLDIER PILE WINGWALL



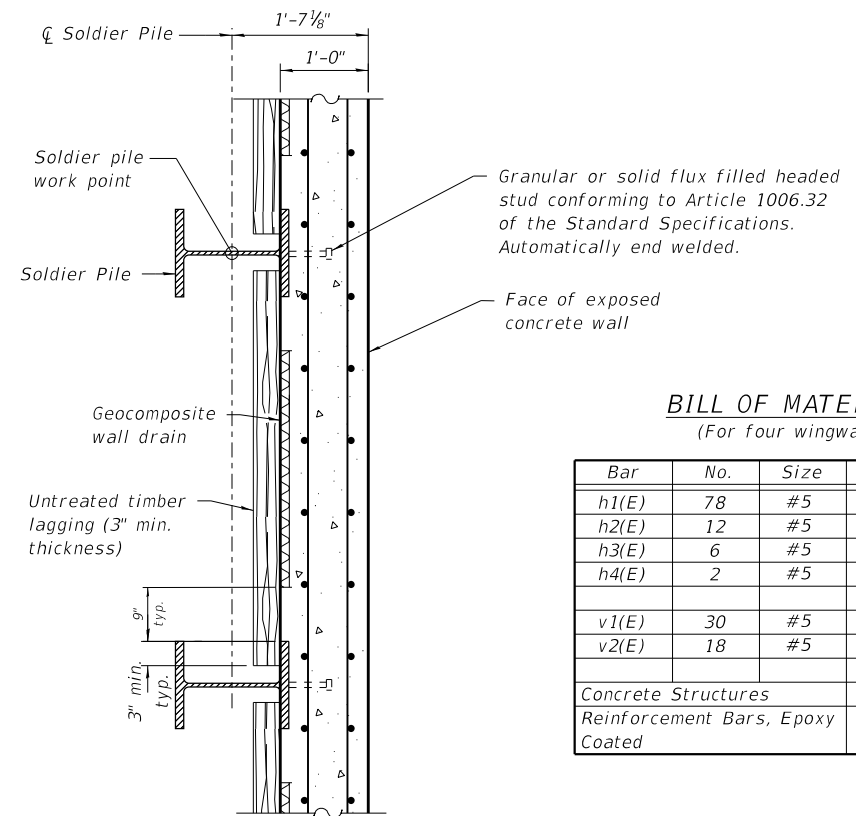
WEEP HOLE DRAIN DETAIL



FIELD CUTTING DIAGRAM

Bar	A	B	L	No.
v1(E)	10'-8"	12'-1"	22'-9"	30
v2(E)	4'-8"	12'-0"	16'-8"	18
h3(E)	2'-10"	16'-8"	19'-6"	6

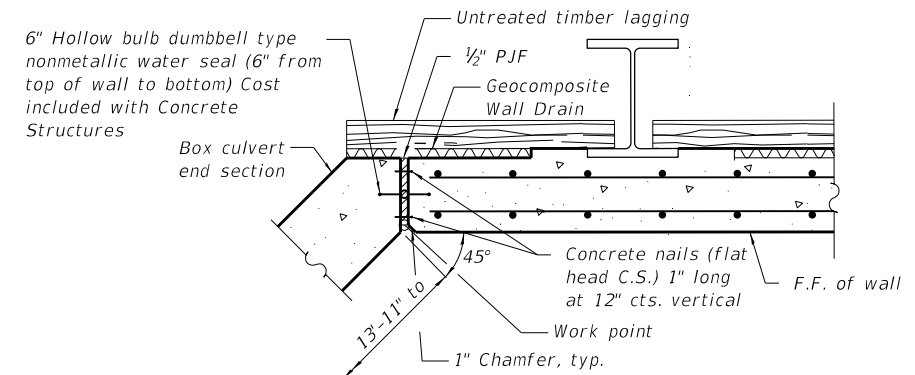
Note: Order bars full length. Cut as shown for use in F.F. and use remainder of bars in B.F.



SECTION A-A

BILL OF MATERIALS
(For four wingwalls)

Bar	No.	Size	Length	Shape
h1(E)	78	#5	8'-8"	—
h2(E)	12	#5	16'-8"	—
h3(E)	6	#5	19'-6"	—
h4(E)	2	#5	17'-8"	—
v1(E)	30	#5	22'-9"	—
v2(E)	18	#5	16'-8"	—
Concrete Structures			Cu Yd	18.1
Reinforcement Bars, Epoxy Coated			Pound	2,100



JOINT DETAIL BETWEEN SOLDIER PILE WINGWALL AND CULVERT END SECTION

SOLDIER PILE SCHEDULE

Pile No.	Pile Size	Top of Pile Elevation	Pile Tip Elevation	Pile Length (Ft.)	No. of Studs
P01	HP16X88	879.60	843.60	36	11
P02	HP16X88	878.82	842.82	36	10
P03	HP16X88	879.60	833.00	36	11
P04	HP16X88	878.82	833.00	36	10
P05	HP16X88	879.60	833.00	36	11
P06	HP16X88	878.82	833.00	36	10
P07	HP16X88	879.73	844.83	36	10
P08	HP16X88	879.36	846.42	36	8
P09	HP16X88	878.77	847.47	36	5

Note:

The Contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WINGWALL DETAILS
STRUCTURE NO. 045-6034**

SHEET SB-05 OF SB-07 SHEETS

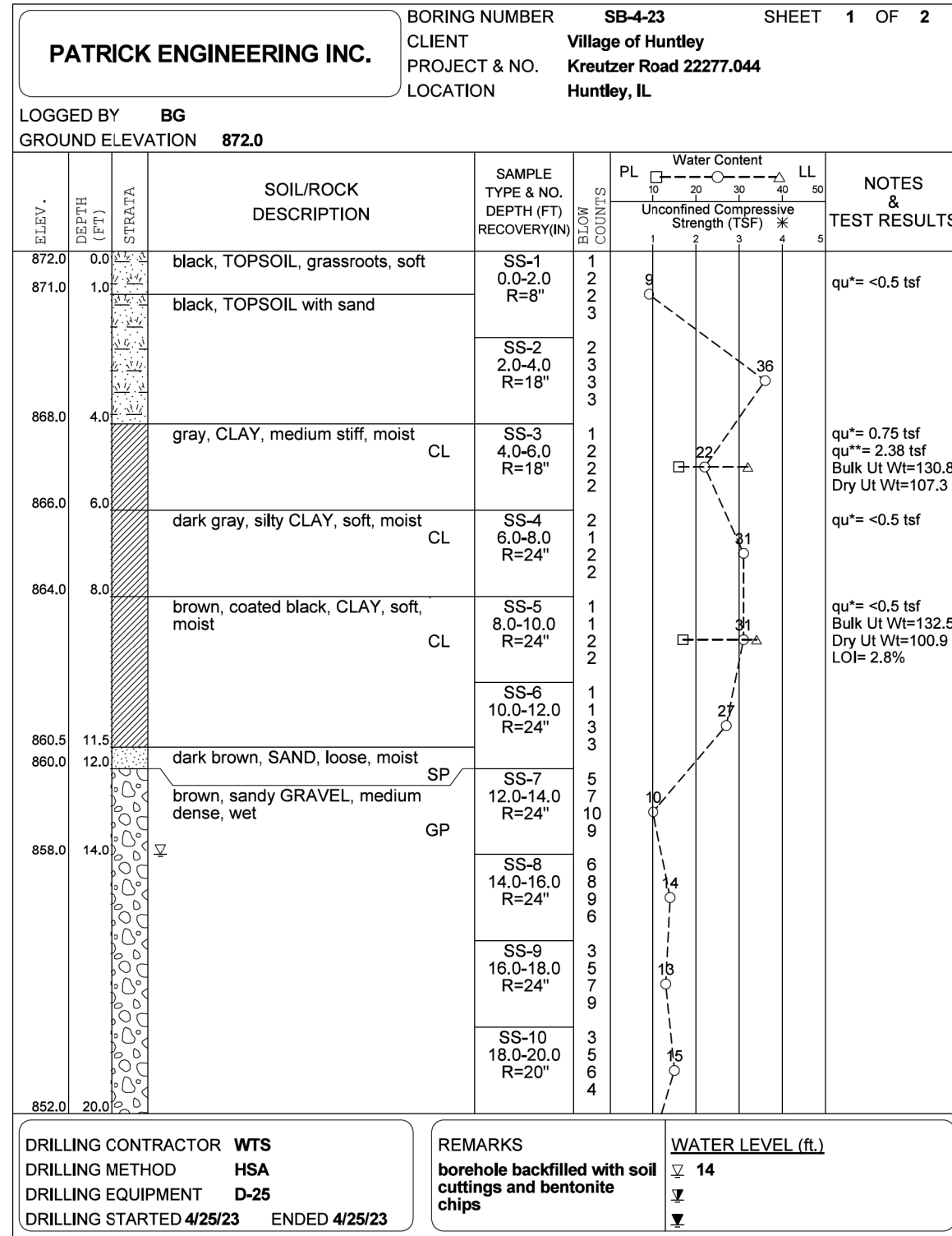
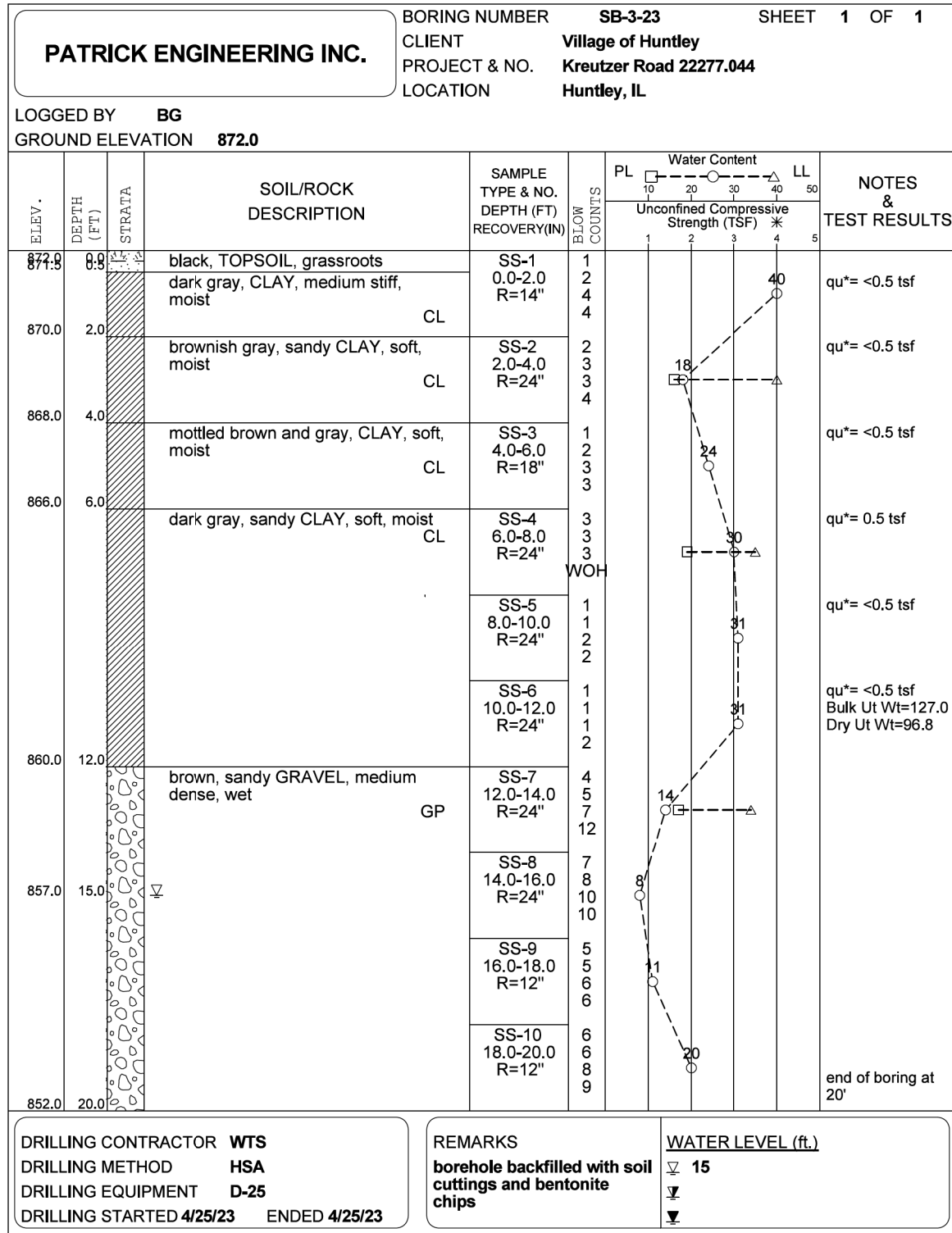
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	281

CONTRACT NO.

ILLINOIS FED. AID PROJECT

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CHECKED - AMK/LFB	REVISED -	
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PLOT DATE = 10/14/2025	CHECKED - AMK/LFB	REVISED - 3/03/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 1
STRUCTURE NO. 045-6034

SHEET SB-06 OF SB-07 SHEETS

F.A.UL. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	282
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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PATRICK ENGINEERING INC.		BORING NUMBER SB-4-23 SHEET 2 OF 2	
		CLIENT Village of Huntley	
		PROJECT & NO. Kreutzer Road 22277.044	
		LOCATION Huntley, IL	
LOGGED BY BG			
GROUND ELEVATION 872.0			

ELEV. (FT)	DEPTH (FT)	STRATA	SOIL/ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT) RECOVERY (IN)	BLOW COUNTS	Water Content					NOTES & TEST RESULTS
						PL	LL	Unconfined Compressive Strength (TSF) *			
852.0	20.0		brown, sandy GRAVEL, medium dense, saturated GP	SS-11 20.0-22.0 R=24"	4						
				SS-12 22.0-24.0 R=24"	4	7	9	10	8		
848.0	24.0		end of boring at 24'								

DRILLING CONTRACTOR WTS DRILLING METHOD HSA DRILLING EQUIPMENT D-25 DRILLING STARTED 4/25/23 ENDED 4/25/23	REMARKS borehole backfilled with soil cuttings and bentonite chips	WATER LEVEL (ft.) ▽ 14 ▼ ▼
--	--	--



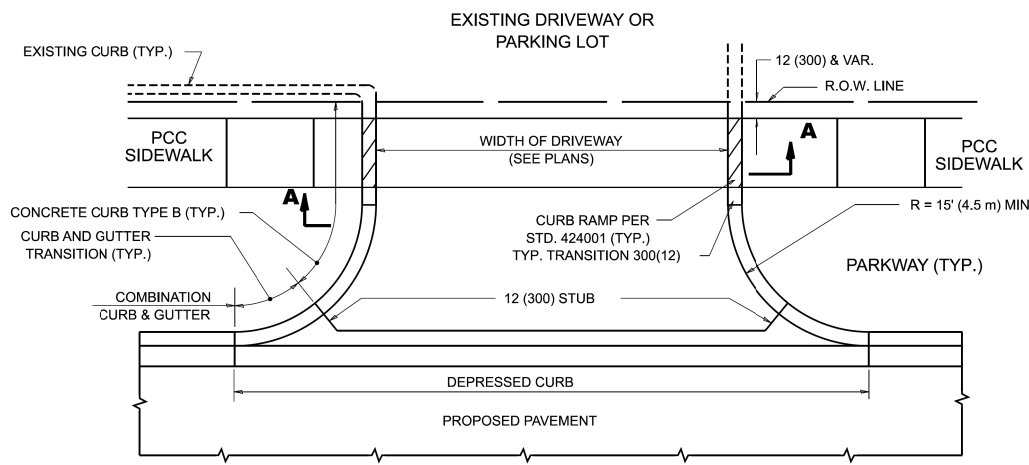
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PLOT DATE = 10/14/2025	CHECKED - AMK/LFB	REVISED - 3/03/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

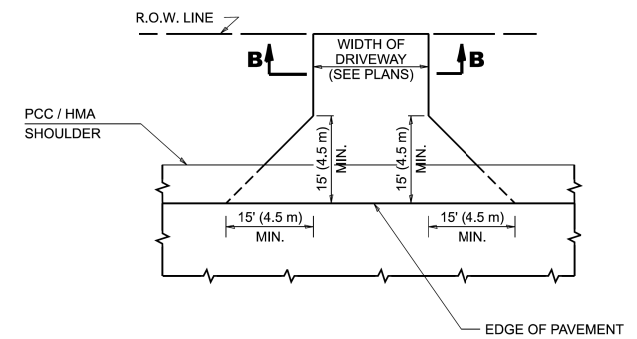
SOIL BORING LOGS 2
STRUCTURE NO. 045-6034

SHEET SB-07 OF 58-07 SHEETS

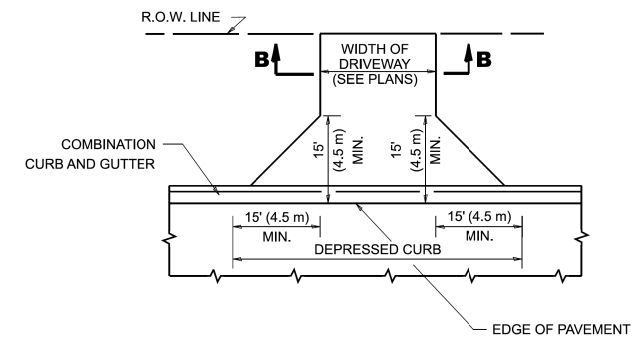
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2259	20-00050-00-PV	KANE	343	283
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



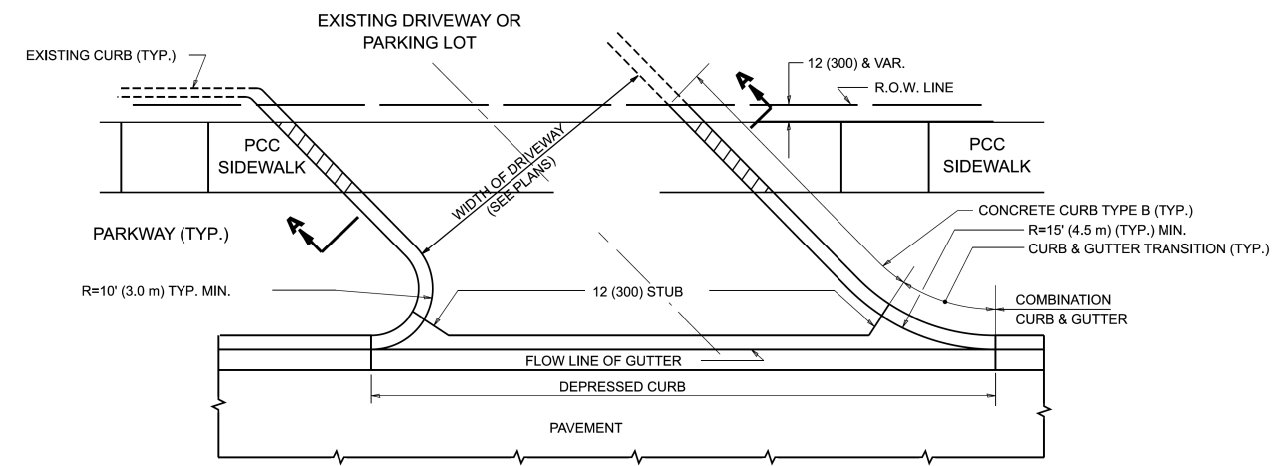
WITH CONCRETE CURB, TYPE B



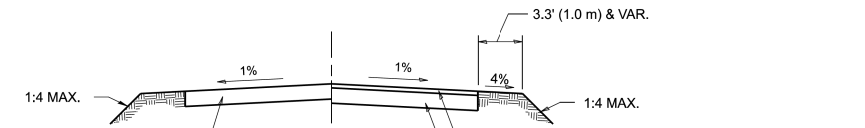
ADJACENT TO PCC / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B



SECTION B-B

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

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

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

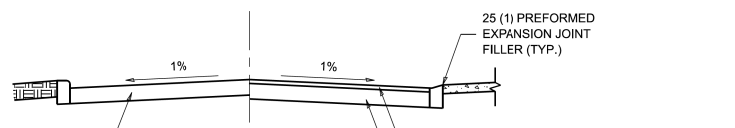
COMMERCIAL ENTRANCE (CE):
 HMA BASE COURSE, 8 (200)
 MEASURED IN SQ. YD. (m²).
 PRIVATE ENTRANCE (PE):
 HMA BASE COURSE, 6 (150)
 MEASURED IN SQ. YD. (m²).

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

AGGREGATE BASE COURSE, TYPE B, 8 (200)
 MEASURED IN SQ. YD. (m²).

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.



SECTION A-A

RIGID DRIVEWAY
 COMMERCIAL ENTRANCE (CE):
 PCC DRIVEWAY PAVEMENT 8 (200)
 MEASURED IN SQ. YD. (m²)
 PRIVATE ENTRANCE (PE):
 PCC DRIVEWAY PAVEMENT 6 (150)
 MEASURED IN SQ. YD. (m²)

HMA DRIVEWAY
 HMA SURFACE COURSE,
 MIX "D", IL-9.5, N50, 2 (50)
 MEASURED IN TONS (METRIC TONS)
 COMMERCIAL ENTRANCE (CE):
 HMA BASE COURSE, 8 (200)
 MEASURED IN SQ. YD. (m²).
 PRIVATE ENTRANCE (PE):
 HMA BASE COURSE, 6 (150)
 MEASURED IN SQ. YD. (m²).

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

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PLOT SCALE = 0.08333317' / in.	DRAWN - R. BORO 09-06-11	REVISED - K. SMITH 08-28-19
PLOT DATE = 8/30/2023	CHECKED -	REVISED - K. SMITH 11-18-22
	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)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BD400-01 (BD-01)				000
ILLINOIS FED. AID PROJECT			CONTRACT NO.	

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

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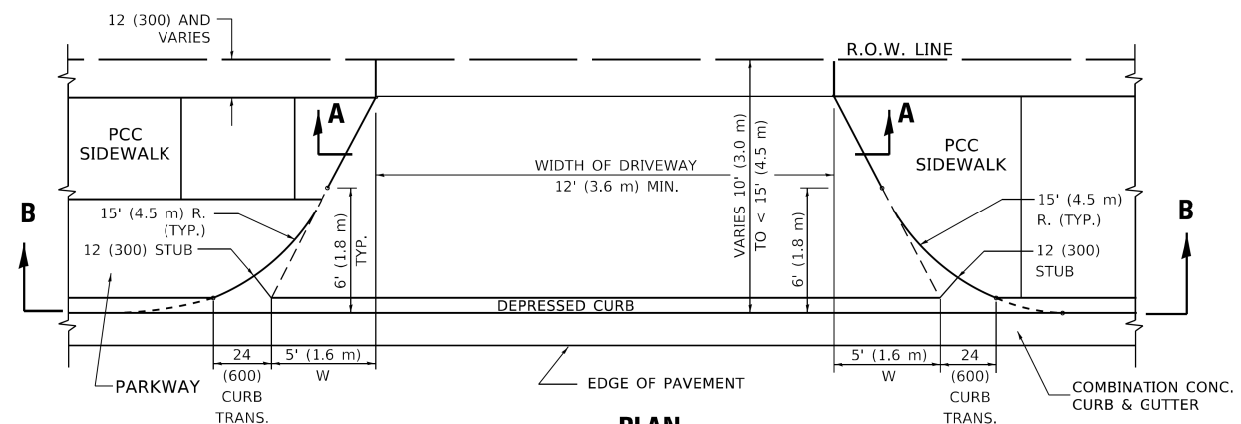
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/15/2025	CHECKED -	REVISED -
	DATE - 3/03/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

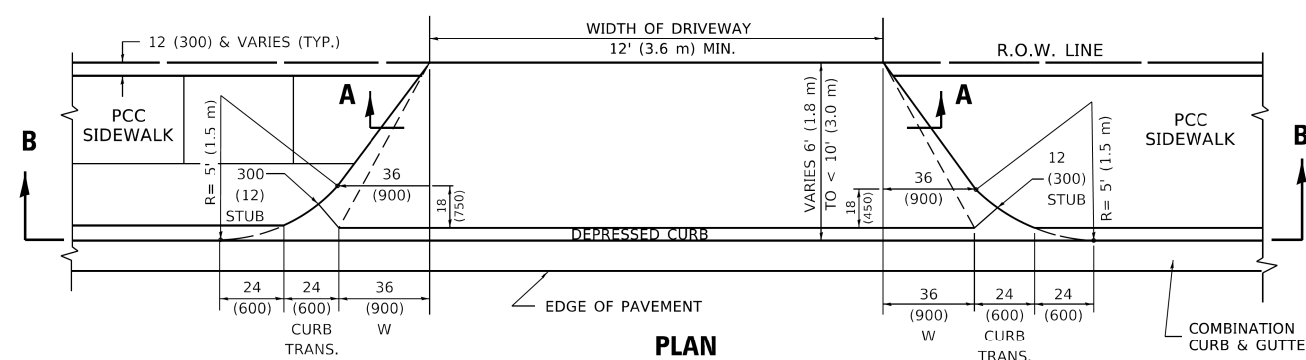
KREUTZER ROAD
 IDOT D1 DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	284
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L48	

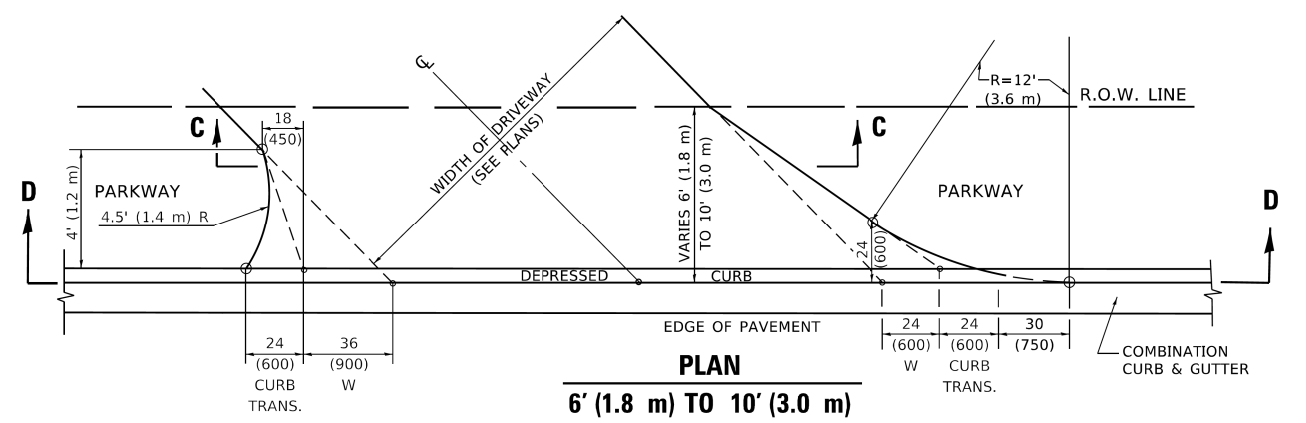
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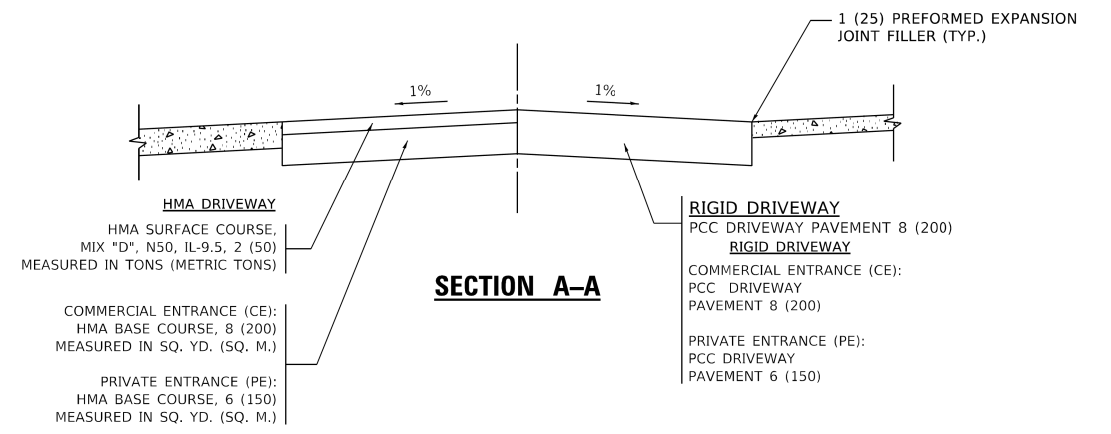
PLAN
10' (3.0 m) TO < 15' (4.5 m)



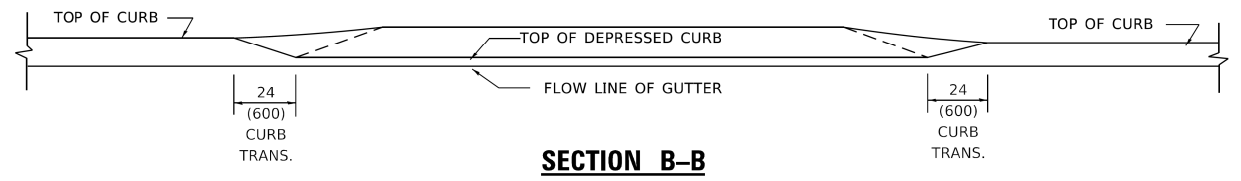
PLAN
6' (1.8 m) TO < 10' (3.0 m)



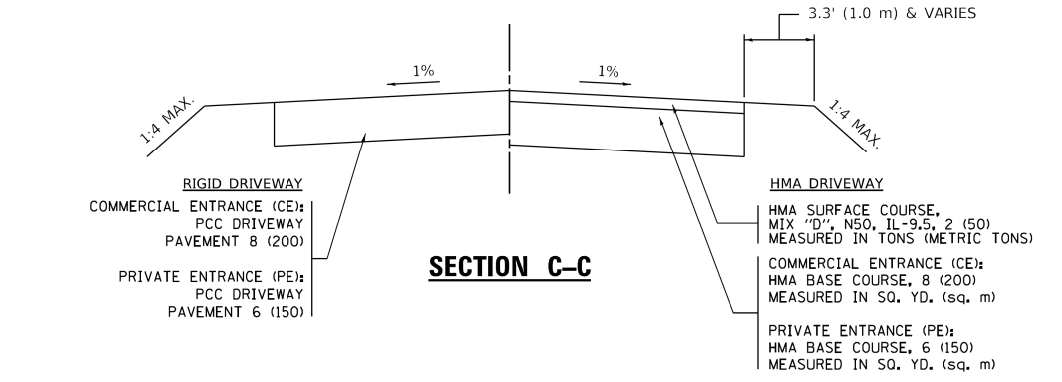
PLAN
6' (1.8 m) TO 10' (3.0 m)



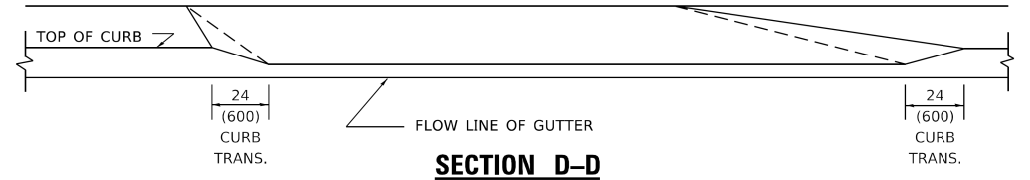
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

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

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

MODEL: Default
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PROJECT: 112277.044_KreutzerRD12_Dwg\1123_CADD\SHEET\944-SHT-IDOT-D1-02.dwg

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 09-06-11
PLOT DATE = 11/18/2022	DATE - 11-06-95	REVISED - K. SMITH 08-27-19
		REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

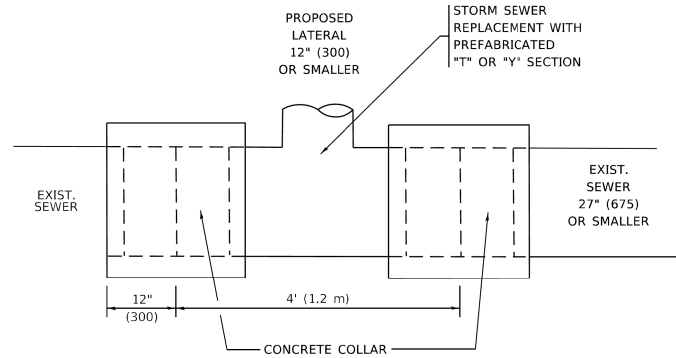
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BD400-02 (BD-02)			CONTRACT NO.	
ILLINOIS			FED. AID PROJECT	

USER NAME = BW001	DESIGNED -	REVISED -
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PLOT DATE = 10/15/2025	DATE - 3/03/2025	REVISED -

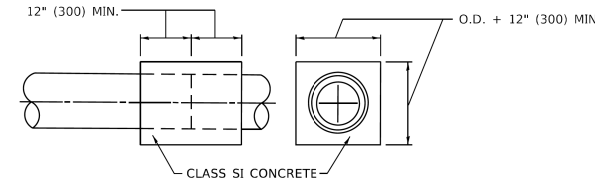
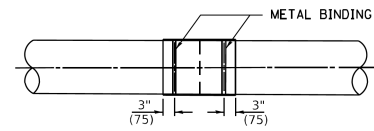
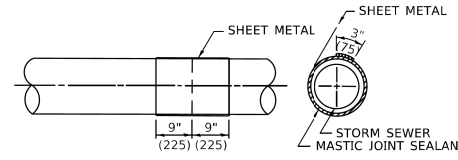
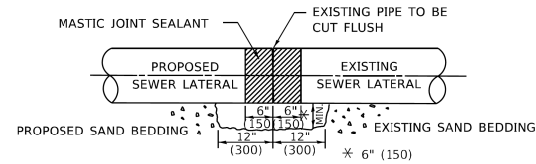
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
IDOT D1 DETAILS**

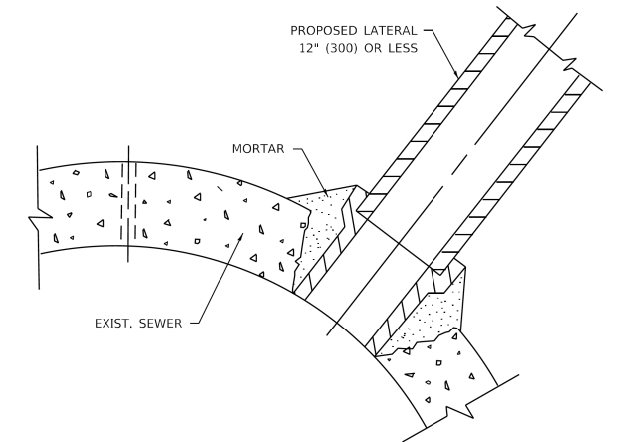
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2259	20-00050-00-PV	KANE	343	285
			CONTRACT NO. 61L48	
ILLINOIS			FED. AID PROJECT	



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 CIRCUMFERENCE 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.

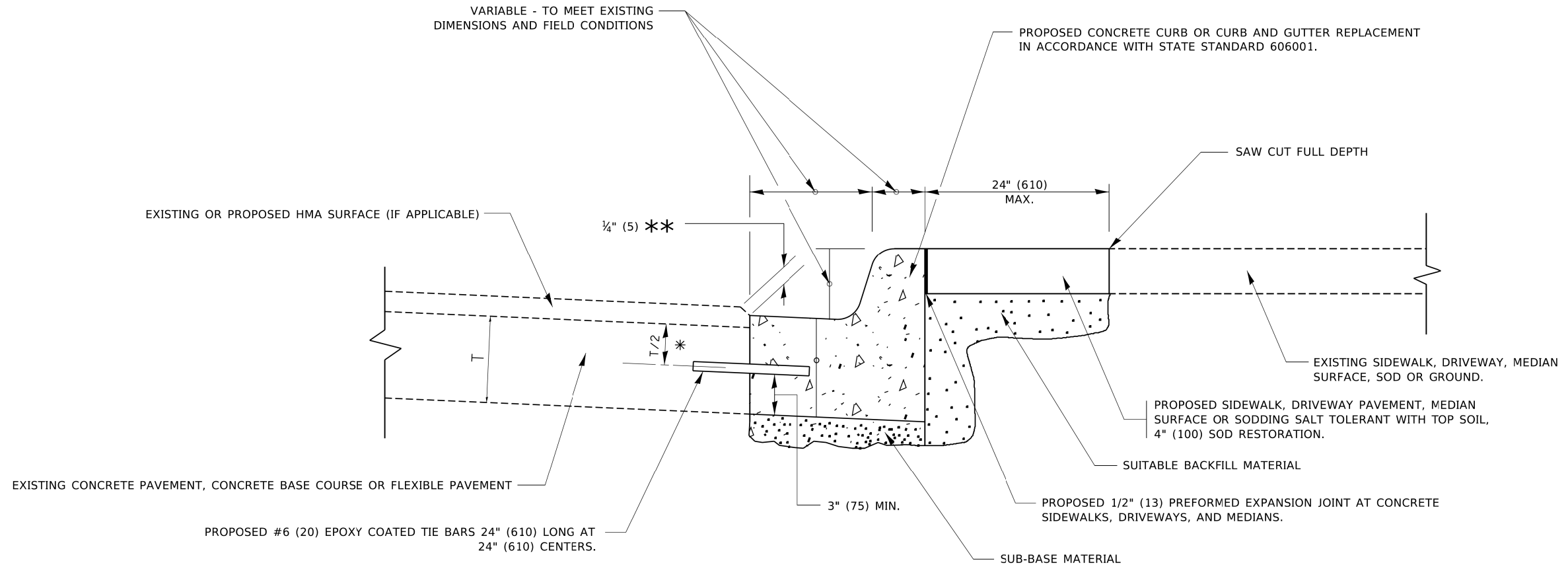
* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISOR - R. SHAH 10-25-94	REVISOR - R. SHAH 06-12-96		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		BD500-01 (BD-07)		CONTRACT NO.		
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISOR - K. SMITH 11-18-22		ILLINOIS FED. AID PROJECT						
PLOT DATE = 11/18/2022	DATE - 07-25-90									

USER NAME = BW001	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	KREUTZER ROAD IDOT D1 DETAILS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISOR -	REVISOR -		SCALE: SHEET \$5B-10 OF \$5B-TOTAL SHEETS STA. TO STA.		20-00050-00-PV		KANE 343 286		
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISOR -		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61L48				
PLOT DATE = 10/15/2025	DATE - 3/03/2025	REVISOR -								

MODEL: Default FILE NAME: p:\projects\id1\documents\id1\2227\044_KreutzerPH2112_Detail\12.3_CADD\SHEETS\944-SHT-IDOT-D1-03.dgn PROJECT: I:\projects\id1\documents\id1\2227\044_KreutzerPH2112_Detail\12.3_CADD\SHEETS\944-SHT-IDOT-D1-03.dgn



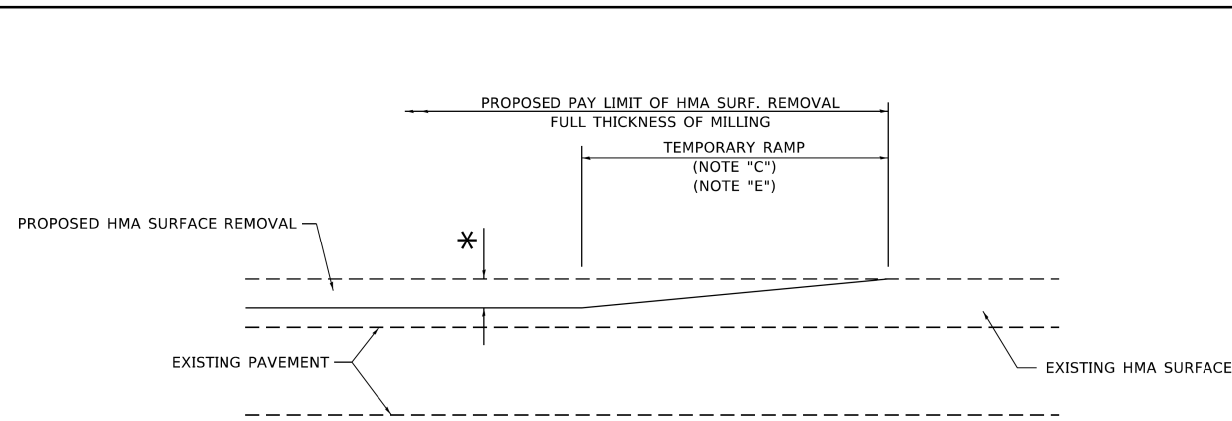
- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

MODEL: Default FILE NAME: p:\labroom\dot\illinois\pwr\DOT\Documents\DOT_Offices\District_1\Projects\Dist58272\34\CADD\84\CA\Sheets\84.dgn	USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
DRAWN -	CHECKED -	REVISED - M. GOMEZ 01-22-01	REVISED - R. BORO 12-15-09			SCALE: NONE		SHEET 1	OF 1	SHEETS	STA.	TO STA.
PLOT SCALE = 50.0000' / in.	PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19			CONTRACT NO.		BD600-06 (BD-24) ILLINOIS FED. AID PROJECT				

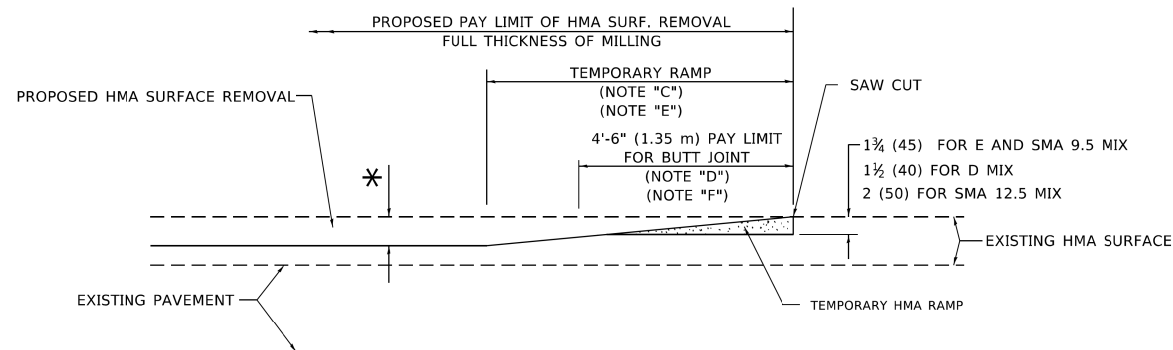
MODEL: Default FILE NAME: p:\labroom\dot\illinois\pwr\DOT\Documents\DOT_Offices\District_1\Projects\Dist58272\34\CADD\84\CA\Sheets\84.dgn	USER NAME = BW001	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	KREUTZER ROAD IDOT D1 DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
DRAWN -	CHECKED -	REVISED -	REVISED -			SCALE:		SHEET \$55B-11 OF	\$5B-TOTAL SHEETS	STA.	TO STA.	CONTRACT NO. 61L48
PLOT SCALE = 40.0000' / in.	PLOT DATE = 10/15/2025	DATE - 3/03/2025	REVISED -			CONTRACT NO. 61L48		ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

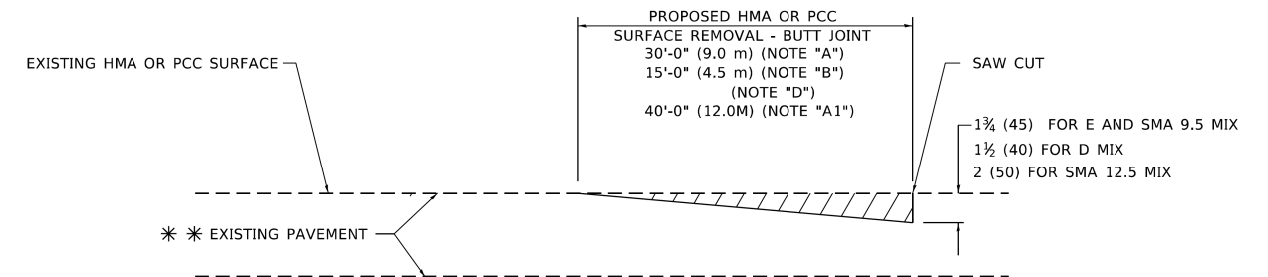


HMA CONSTRUCTED TEMPORARY RAMP

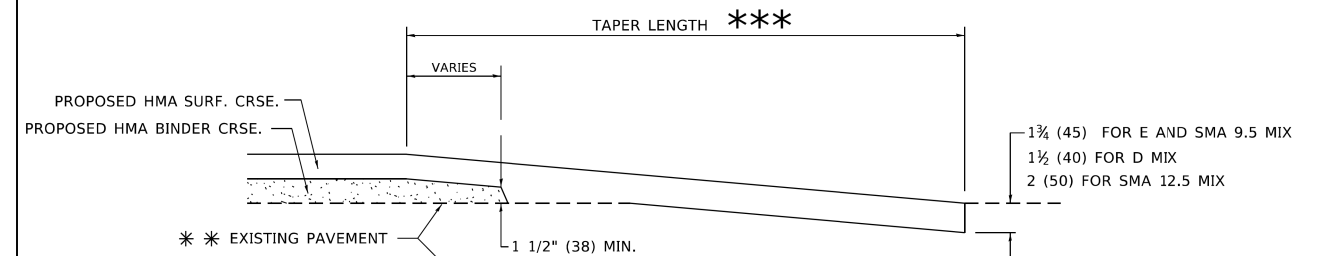
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

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.

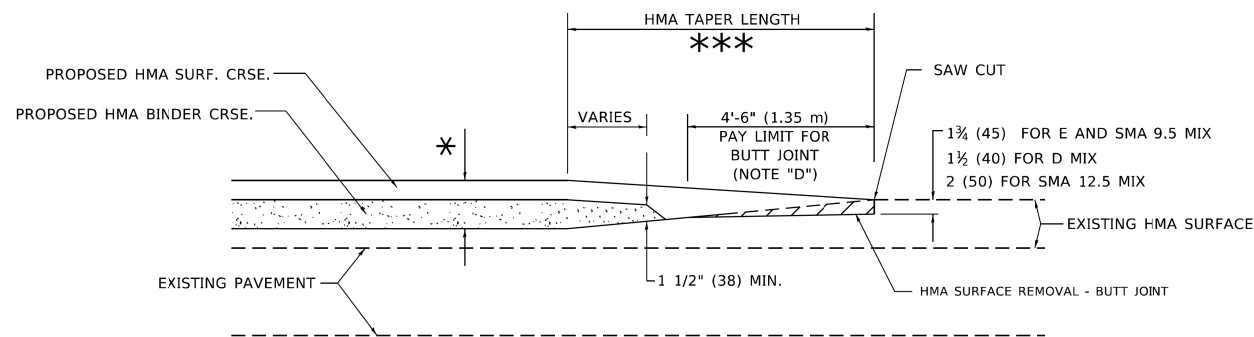
GENERAL NOTES

- 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 "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

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

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			BD400-05	BD-32			
			ILLINOIS		FED. AID PROJECT		

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USER NAME = BW001	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/15/2025	DATE - 3/03/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
IDOT D1 DETAILS

SCALE:	SHEET \$5B-12 OF \$5B-T09 SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			2259	20-00050-00-PV	KANE	343	288
			ILLINOIS		FED. AID PROJECT		

FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3.962 m)	15'-0" (4.572 m)	8-#6X12'-6" (3.810 m)	#3X122' (37.186 m)	8-#6X14'-3" (4.343 m)	#3X141' (42.977 m)
MEDIUM CLAY	9'-6" (2.896 m)	10'-9" (3.277 m)	8-#6X9'-0" (2.743 m)	#3X90' (27.432 m)	8-#6X10'-0" (3.048 m)	#3X100' (30.480 m)
STIFF CLAY	7'-0" (2.134 m)	8'-0" (2.438 m)	8-#6X6'-6" (1.981 m)	#3X66' (20.112 m)	8-#6X7'-6" (2.286 m)	#3X76' (23.165 m)
LOOSE SAND	9'-0" (2.743 m)	10'-0" (3.048 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)	8-#6X9'-6" (2.896 m)	#3X94' (28.651 m)
MEDIUM SAND	8'-3" (2.515 m)	9'-0" (2.743 m)	8-#6X8'-0" (2.438 m)	#3X78' (23.774 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
DENSE SAND	7'-9" (2.362 m)	9'-0" (2.743 m)	8-#6X7'-6" (2.286 m)	#3X73' (22.250 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1.524 m)	5'-0" (1.524 m)	NONE	NONE	NONE	NONE

OFFSET SCHEDULE

SEWER DIAM. d IN.	PILE OFFSET from Q-MED'N FT.	LENGTH of BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0.991 m)	#6 x 5'-3" (1.600 m)
27" (685.8 mm) TO 36" (914.4 mm)	3'-9" (1.143 m)	5'-9" (1.753 m)
42" (1066.8 mm) TO 48" (1219.2 mm)	4'-6" (1.372 m)	6'-6" (1.981 m)
54" (1371.6 mm) TO 60" (1524.0 mm)	5'-0" (1.524 m)	7'-0" (2.134 m)
66" (1676.4 mm) TO 72" (1828.8 mm)	5'-6" (1.676 m)	7'-6" (2.286 m)

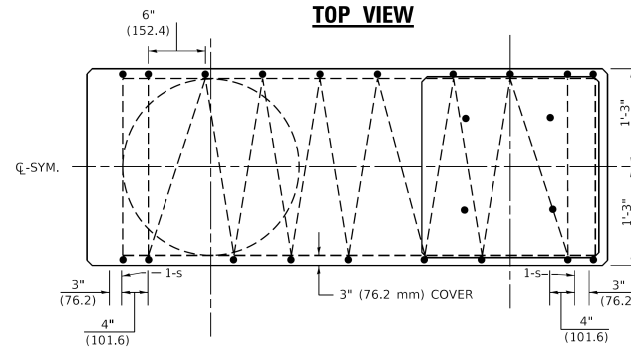
BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8'-0" (2.438 m)	□
s ₁	3	3	7'-6" (2.286 m)	□
v ₁	8	6	2'-9" (0.838 m)	—
v ₂				

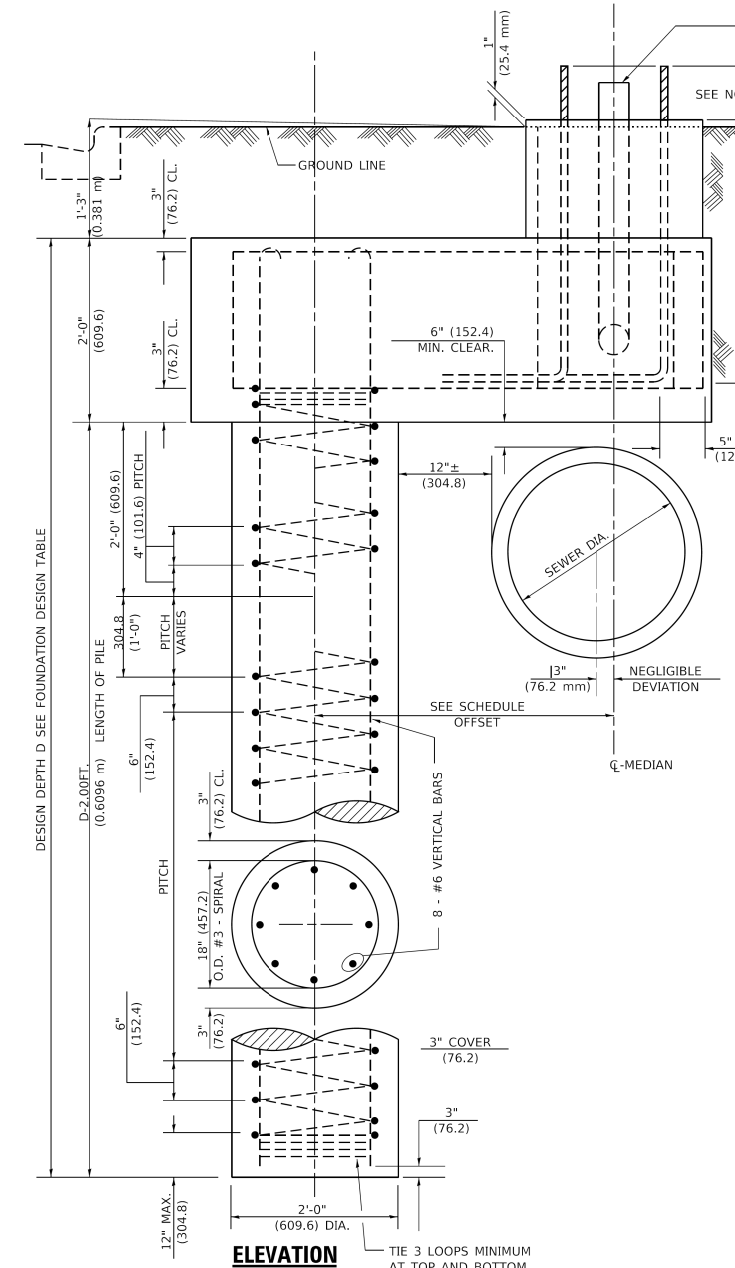
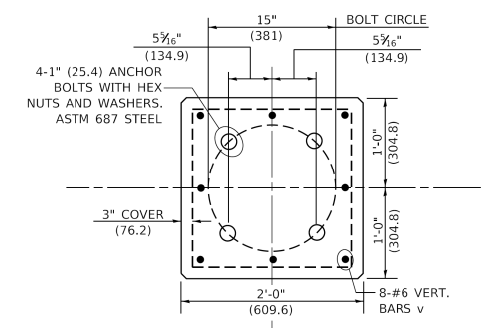
NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 23#4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
- RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERECTED.

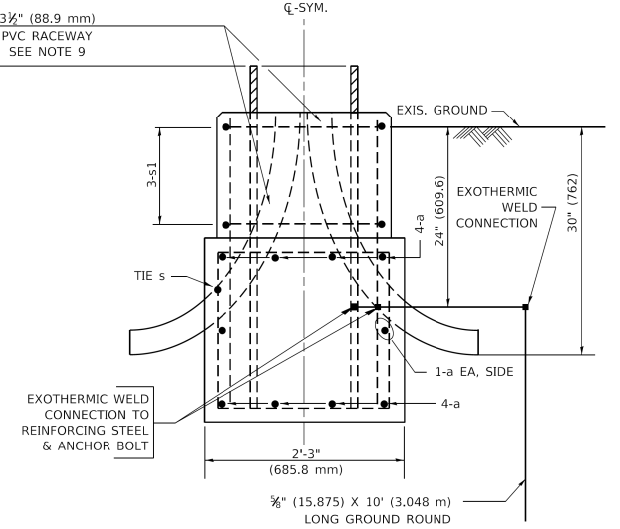
PLAN-CAP BEAM TOP VIEW



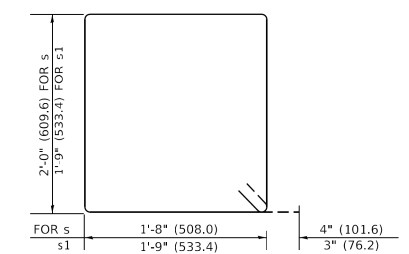
TOP VIEW



END VIEW



BARS s, s1



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USER NAME = footemj	DESIGNED -	REVISED - R.TOMSONS 6-16-08
PLOT SCALE = 50.0000" / in.	DRAWN -	REVISED -
PLOT DATE = 4/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION OFFSET
40' (12.192m) TO 47 1/2' (14.478m) M.H., 15" (381mm) BOLT CIRCLE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BE310			
CONTRACT NO.		ILLINOIS FED. AID PROJECT		

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USER NAME = BW001	DESIGNED -	REVISED -
PLOT SCALE = 40.0000" / in.	DRAWN -	REVISED -
PLOT DATE = 10/15/2025	CHECKED -	REVISED -
	DATE - 3/03/2025	REVISED -

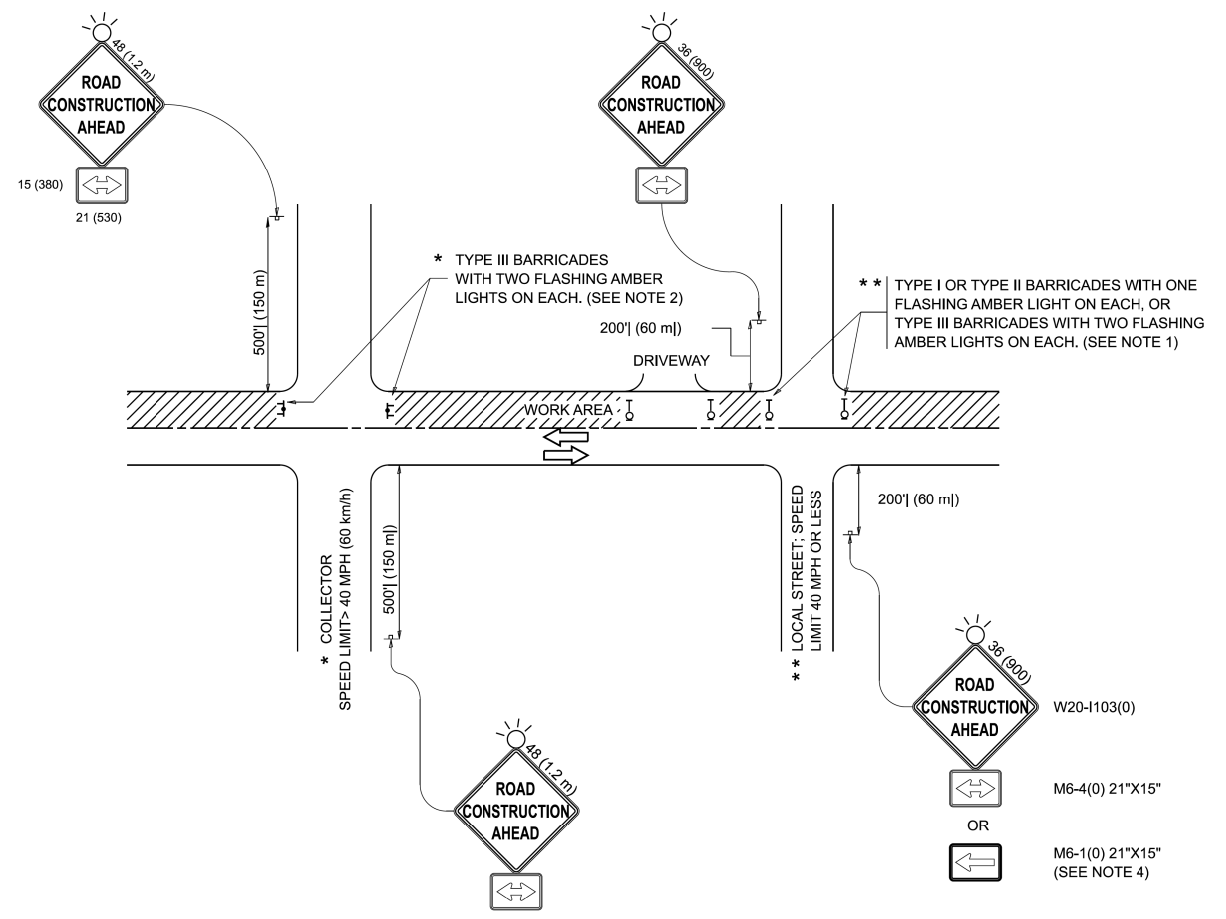
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
IDOT D1 DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	289
CONTRACT NO. 61L48		ILLINOIS FED. AID PROJECT		

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MODEL: TC-10 (Sheet)
 FILE NAME: c:\pwwork\widolawrence.demanche@illinois.gov\d0951415\TC-10.dgn



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.

USER NAME = lawrence.demanche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
DRAWN -	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-06
PLOT DATE = 10/2/2025	DATE - 06-89	REVISED - D. SENDERAK 05-03-25

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

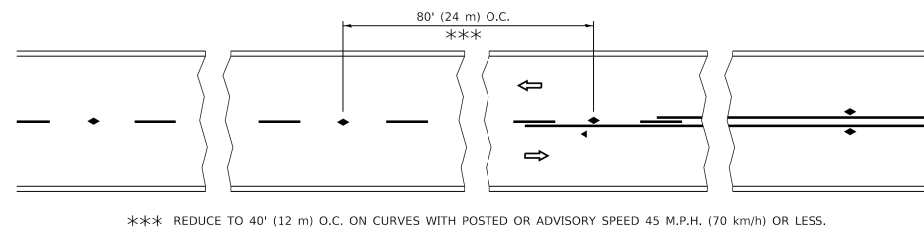
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				0003
TC-10			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

USER NAME = BW001	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/15/2025	DATE - 3/03/2025	REVISED -

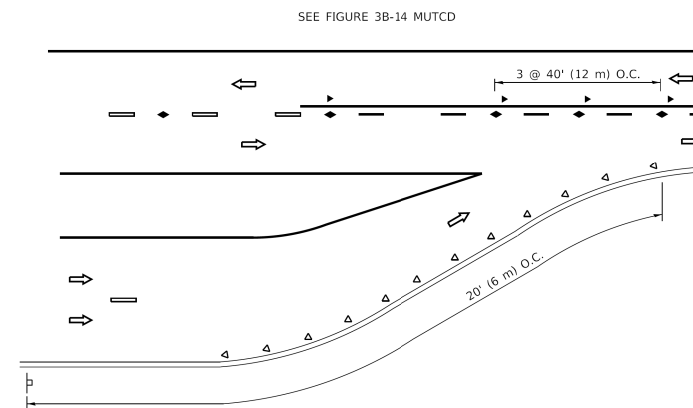
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
 IDOT D1 DETAILS

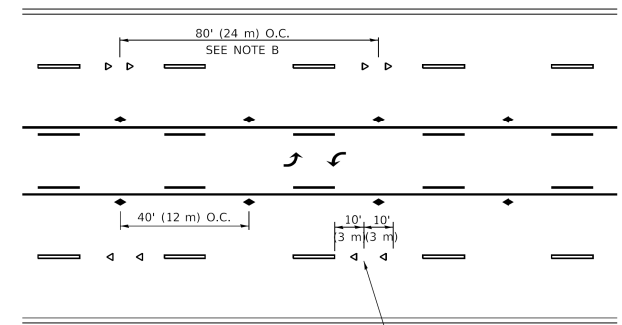
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	290
CONTRACT NO. 61L48				
ILLINOIS FED. AID PROJECT				



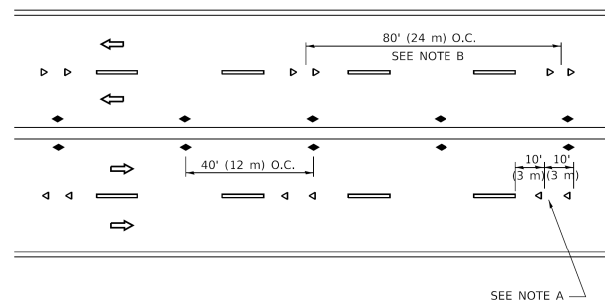
TWO-LANE/TWO-WAY



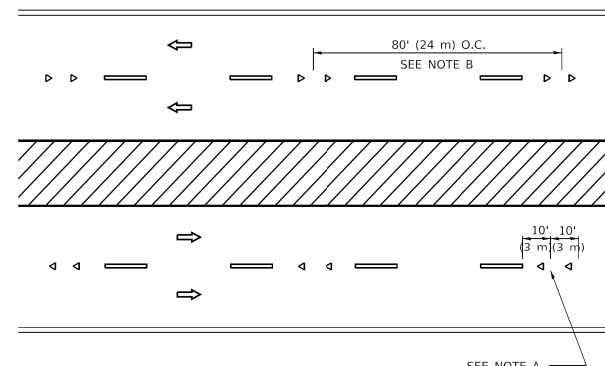
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

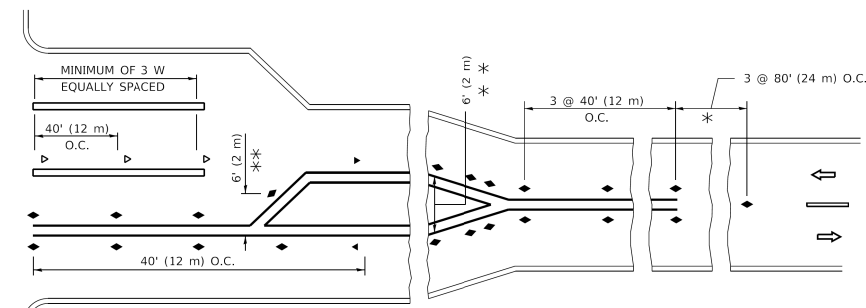
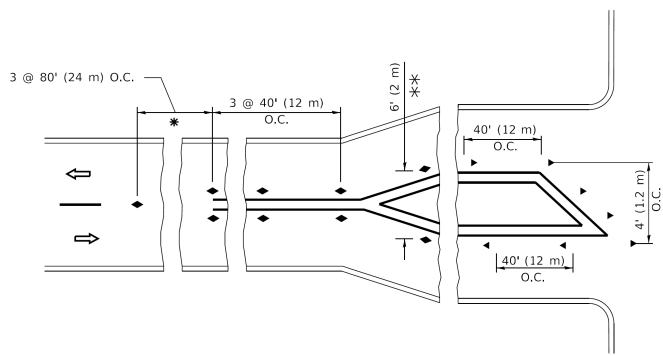
- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



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

TURN LANES

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

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PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 09-09-09
	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	291
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L48	

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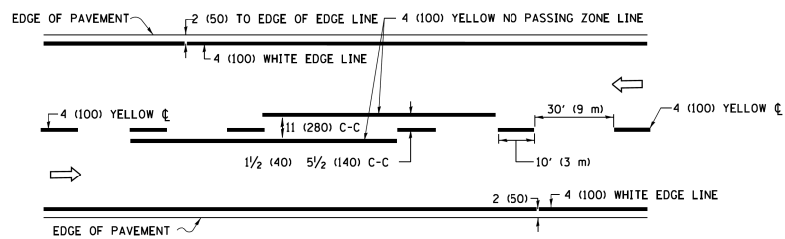
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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/15/2025	CHECKED -	REVISED -
	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

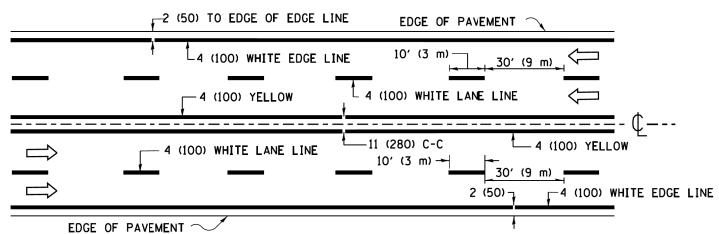
**KREUTZER ROAD
 IDOT D1 DETAILS**

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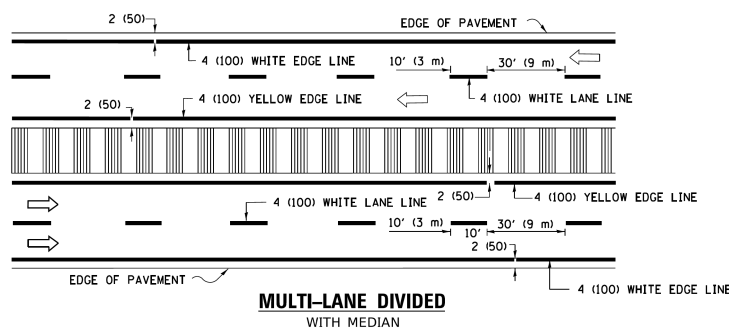
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	291
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L48	



2-LANE ROADWAY

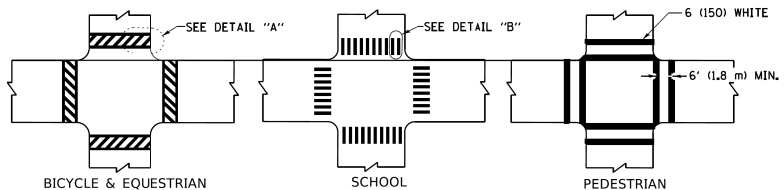


MULTI-LANE UNDIVIDED



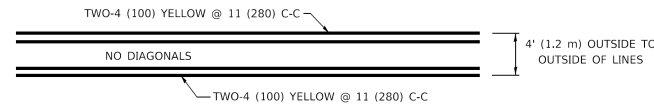
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

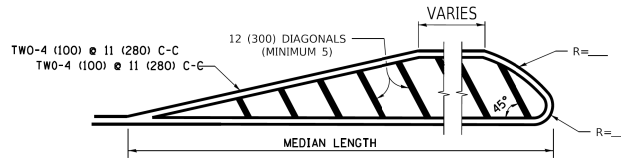


TYPICAL CROSSWALK MARKING

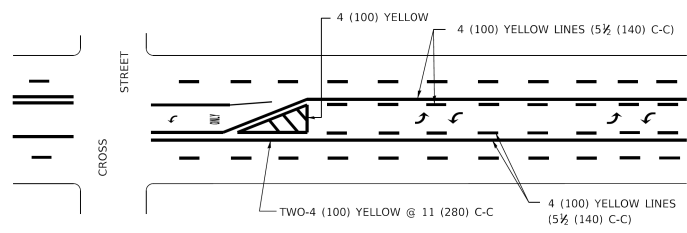
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

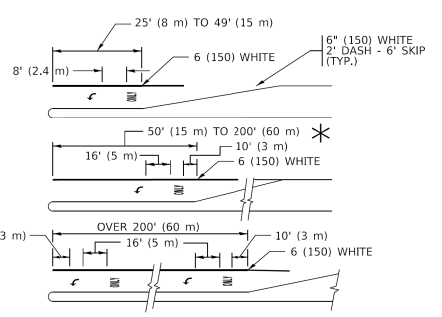


MEDIANS OVER 4' (1.2 m) WIDE



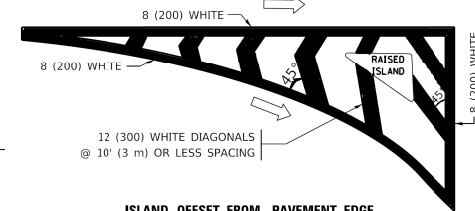
MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

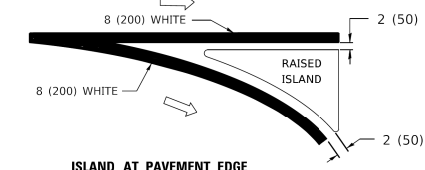


TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

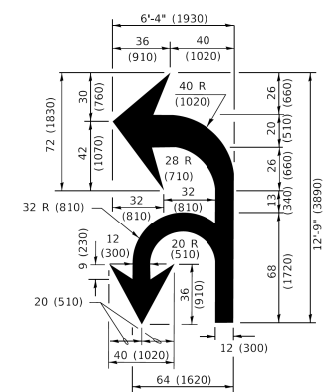


ISLAND OFFSET FROM PAVEMENT EDGE

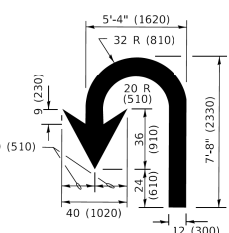


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH AND SOLID IN PAIRS SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-13			CONTRACT NO.	
ILLINOIS			FED. AID PROJECT	

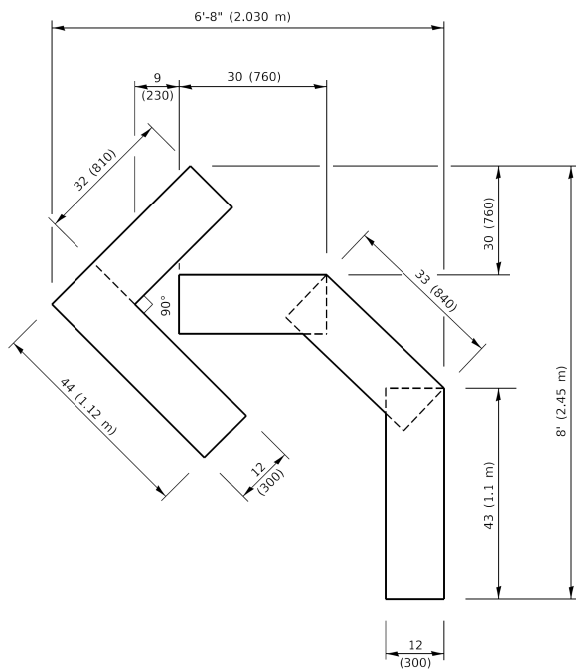
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

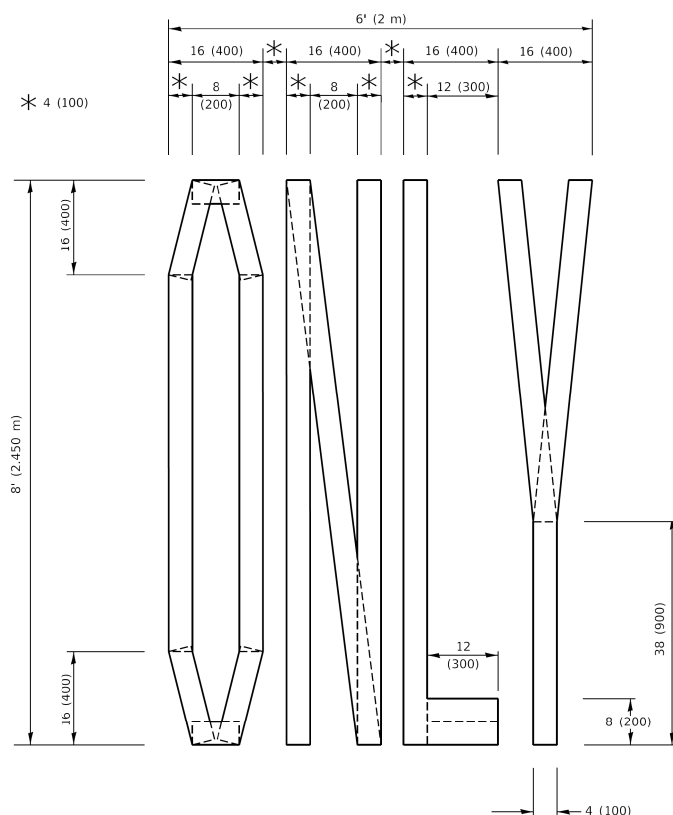
**KREUTZER ROAD
IDOT D1 DETAILS**

SCALE:	SHEET \$55B-16 OF \$5B-T0 SHEETS	STA. TO STA.
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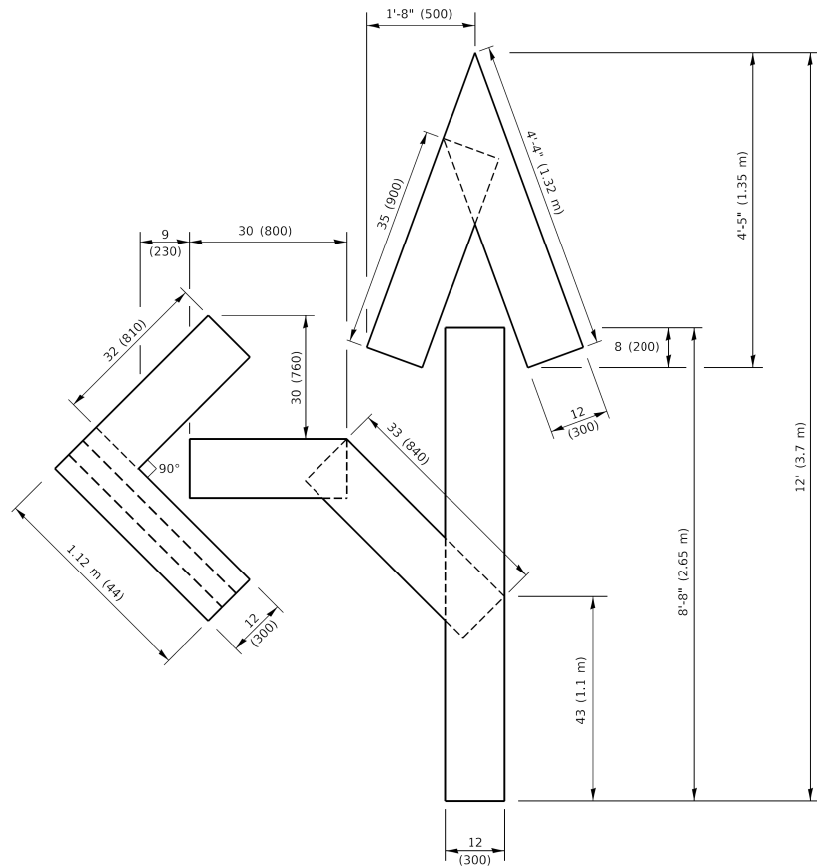
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	292
			CONTRACT NO. 61L48	
ILLINOIS			FED. AID PROJECT	



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

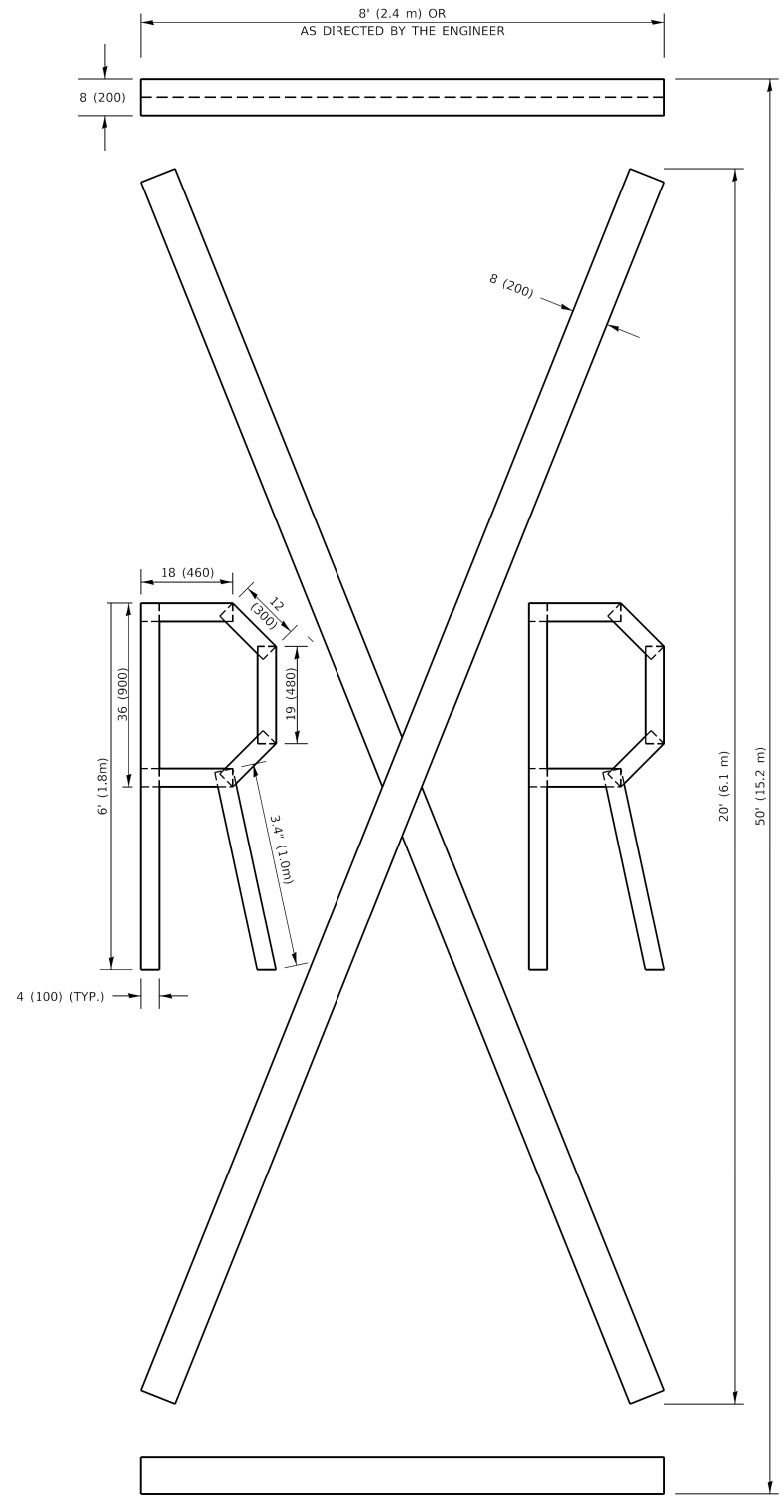


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED
 IN LINEAR FEET OF 4" LINES TO MATCH THE
 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS
 THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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

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PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-16			
ILLINOIS FED. AID PROJECT			CONTRACT NO.	

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PLOT DATE = 10/15/2025	DATE - 3/03/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

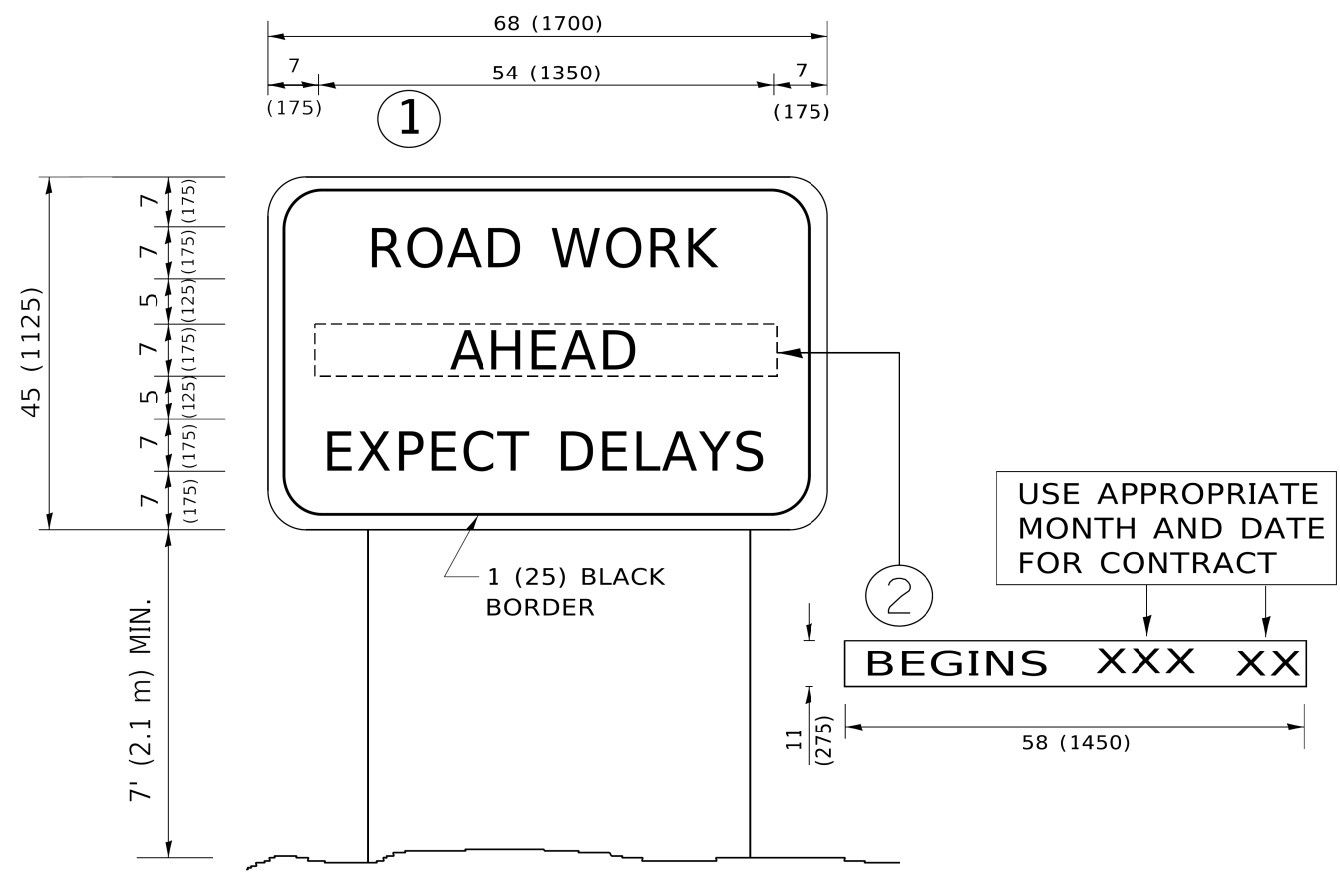
**KREUTZER ROAD
 IDOT D1 DETAILS**

SCALE: SHEET \$55B-17 OF \$5B-T09 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L48	

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NOTES:

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

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

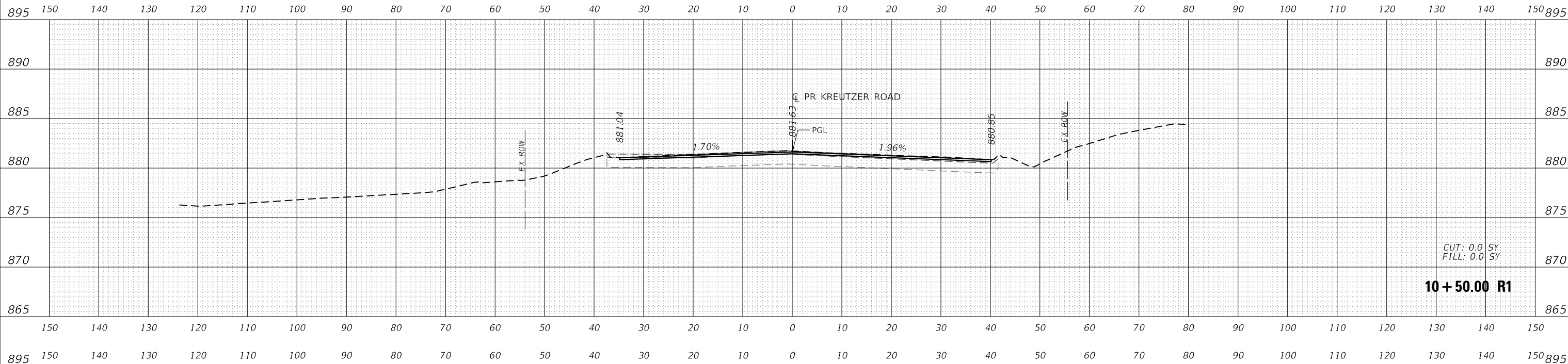
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ARTERIAL ROAD INFORMATION SIGN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				TC-22		CONTRACT NO.		
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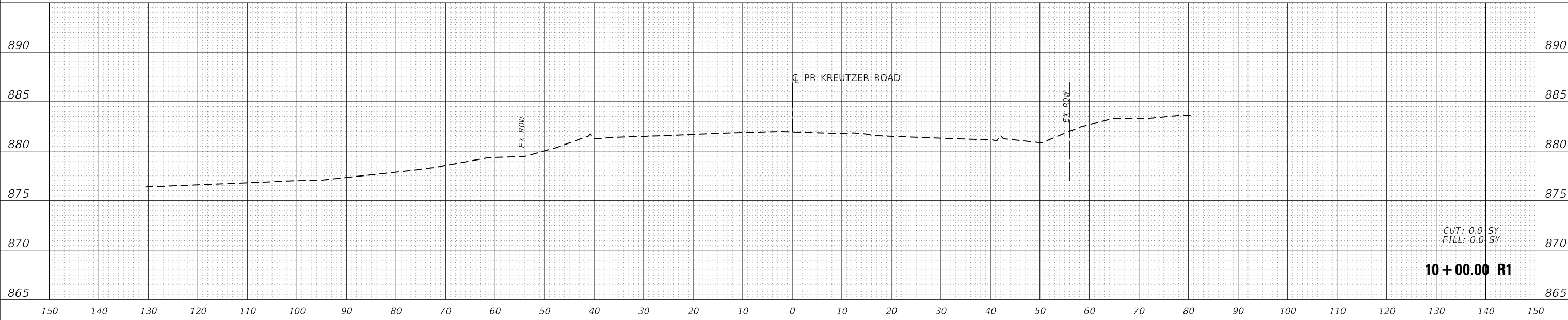
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				20-00050-00-PV		KANE 343 294		
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



CUT: 0.0 SY
 FILL: 0.0 SY
10 + 50.00 R1

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



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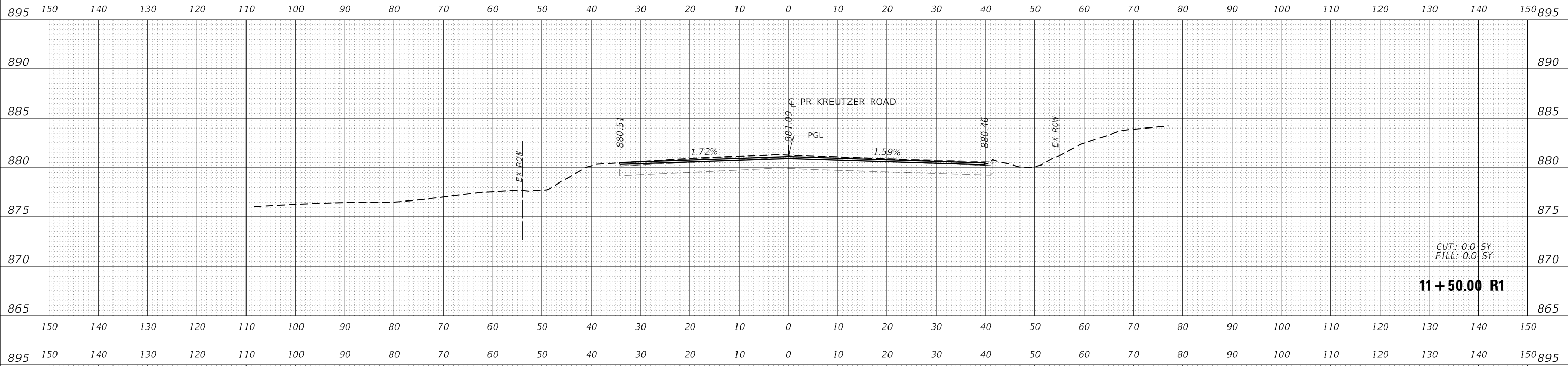
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
 CROSS SECTIONS**

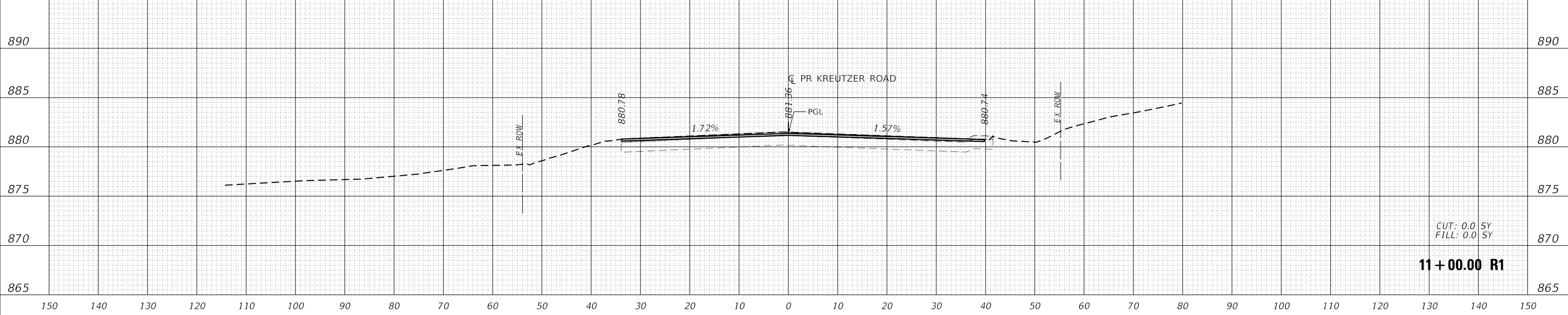
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F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	296
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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NOTE BOOK	
AREAS CHECKED	



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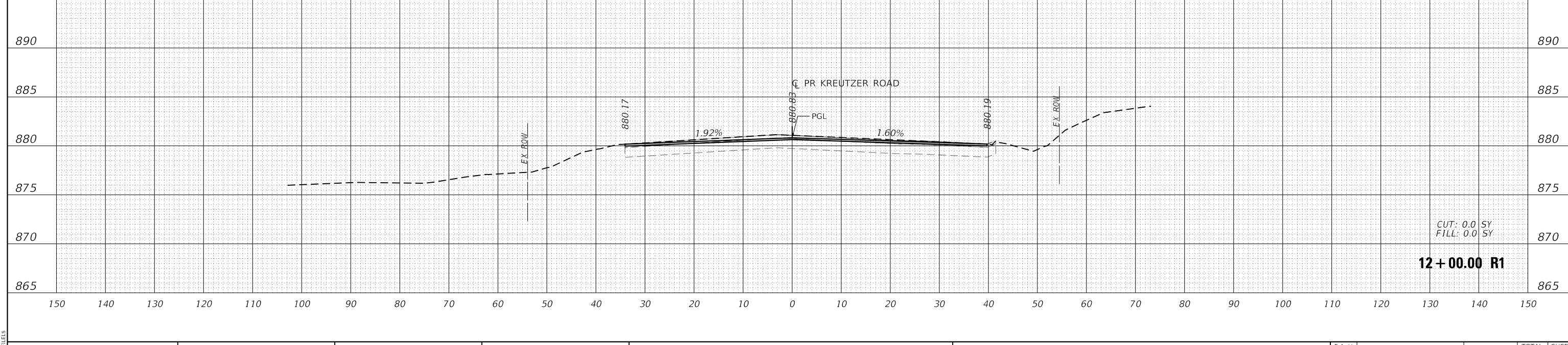
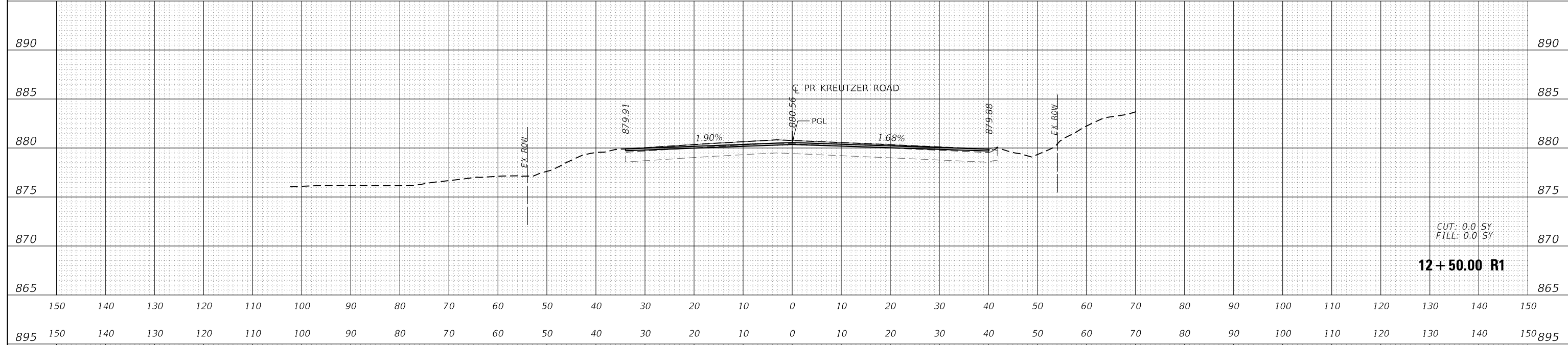
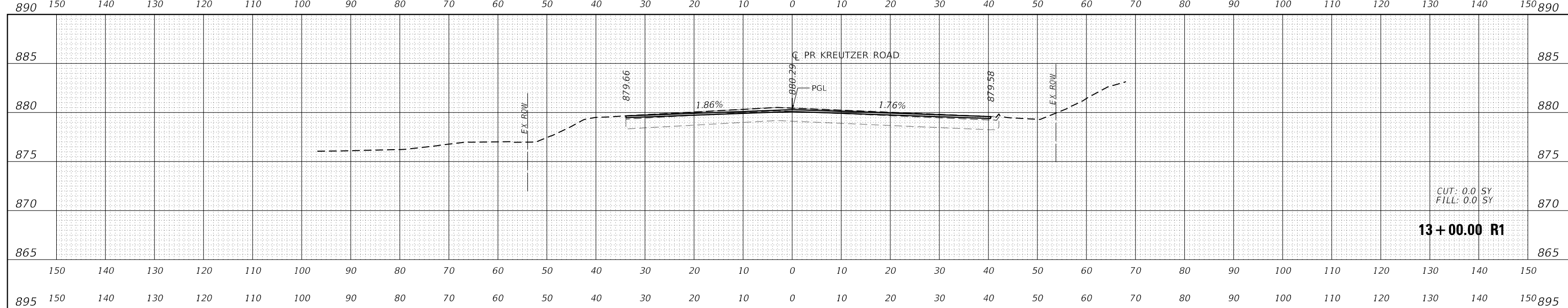
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
CROSS SECTIONS**

SCALE: 1"=10' SHEET OF 48 SHEETS STA. 11+00.00 R1 TO STA. 11+50.00 R1

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	297
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



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

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

USER NAME = \$USERS	DESIGNED - EJB	REVISED -
	DRAWN - EJB	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - KE	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

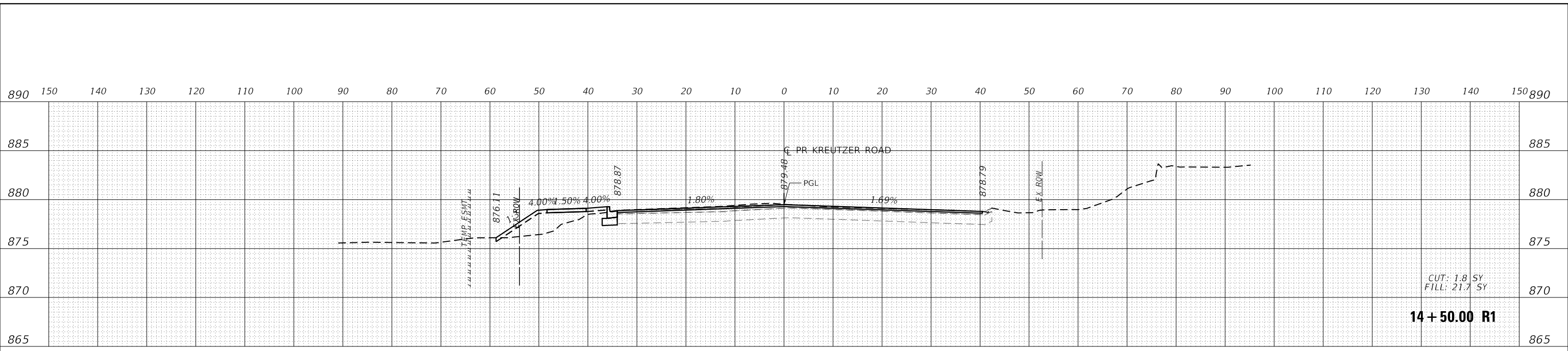
**KREUTZER ROAD
CROSS SECTIONS**

SCALE: 1"=10' SHEET OF 48 SHEETS STA. 12+00.00 R1 TO STA. 13+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	298
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

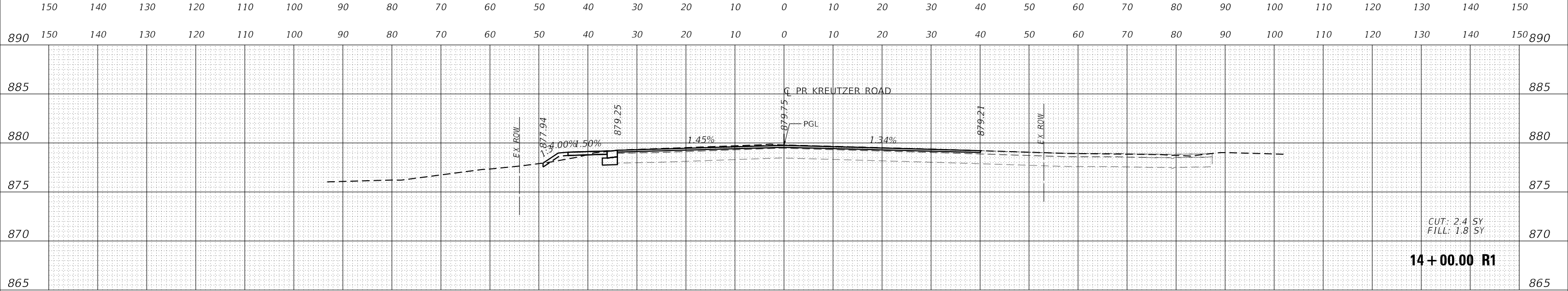
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	



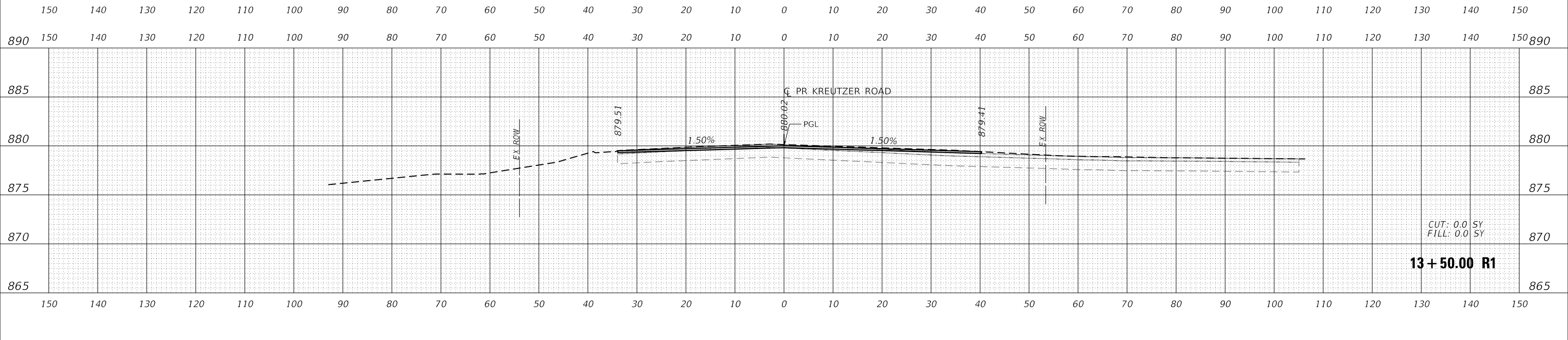
CUT: 1.8 SY
FILL: 21.7 SY
14 + 50.00 R1

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



CUT: 2.4 SY
FILL: 1.8 SY
14 + 00.00 R1

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



CUT: 0.0 SY
FILL: 0.0 SY
13 + 50.00 R1

USER NAME =	USERS	DESIGNED -	EJB	REVISED -	
DRAWN -	EJB	REVISED -		REVISED -	
PLOT SCALE =	SSCALE\$	CHECKED -	KE	REVISED -	
PLOT DATE =	SDATES	DATE -		REVISED -	

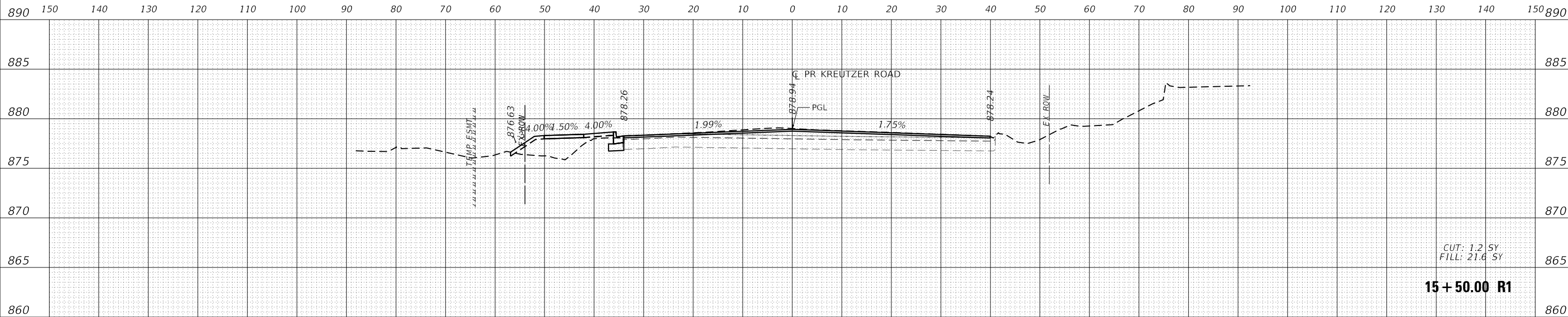
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KREUTZER ROAD
CROSS SECTIONS**

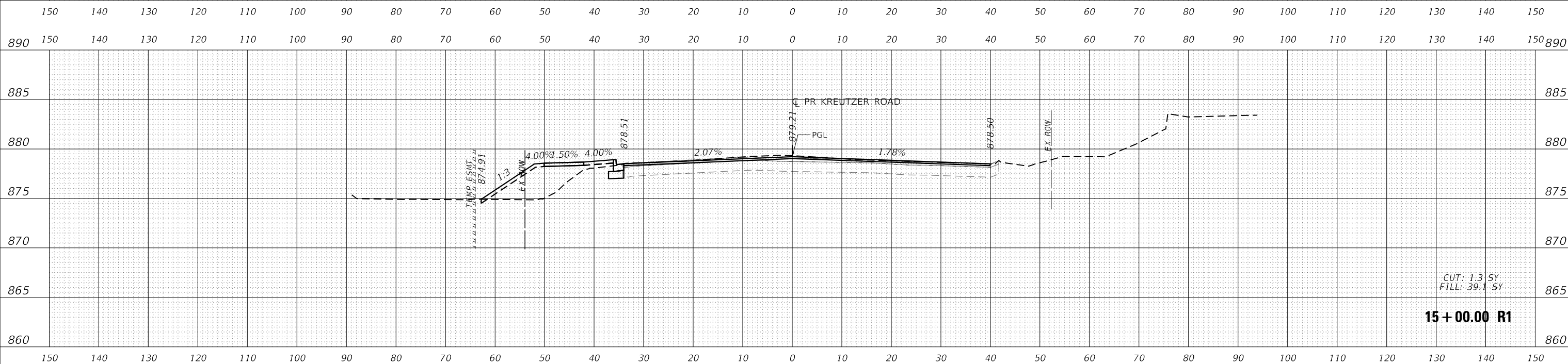
SCALE: 1"=10' SHEET OF 48 SHEETS STA. 13+50.00 R1 TO STA. 14+50.00 R1

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	299
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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



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



MODEL: S:\MODEL\NAMES
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USER NAME = \$USERS	DESIGNED - EJB	REVISED -
	DRAWN - EJB	REVISED -
PLOT SCALE = \$SCALES	CHECKED - KE	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

KREUTZER ROAD
 CROSS SECTIONS

SCALE: 1"=10' SHEET OF 48 SHEETS STA. 15+00.00 R1 TO STA. 15+50.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2259	20-00050-00-PV	KANE	343	300
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				