

01-16-2026 LETTING ITEM 018

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

TRAFFIC DATA

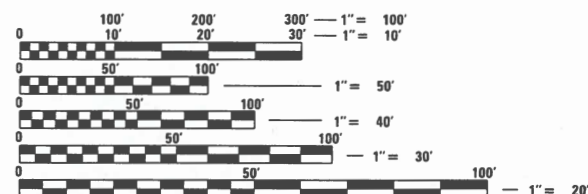
GREEN BAY ROAD: MAJOR COLLECTOR

POSTED AND DESIGN SPEED LIMIT = 30 MPH

2023 ADT = 8,500

END PROJECT
GREEN BAY ROAD
STA 49 + 78

BEGIN PROJECT
GREEN BAY ROAD
STA 22 + 88



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

J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. A2323097



CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:
COUNTY = LAKE
CITY-TWNSHP. = LAKE BLUFF - SHIELDS
SEC. & 1/4 SEC. NO. = 20 & 21
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 61M08

STATE OF ILLINOIS

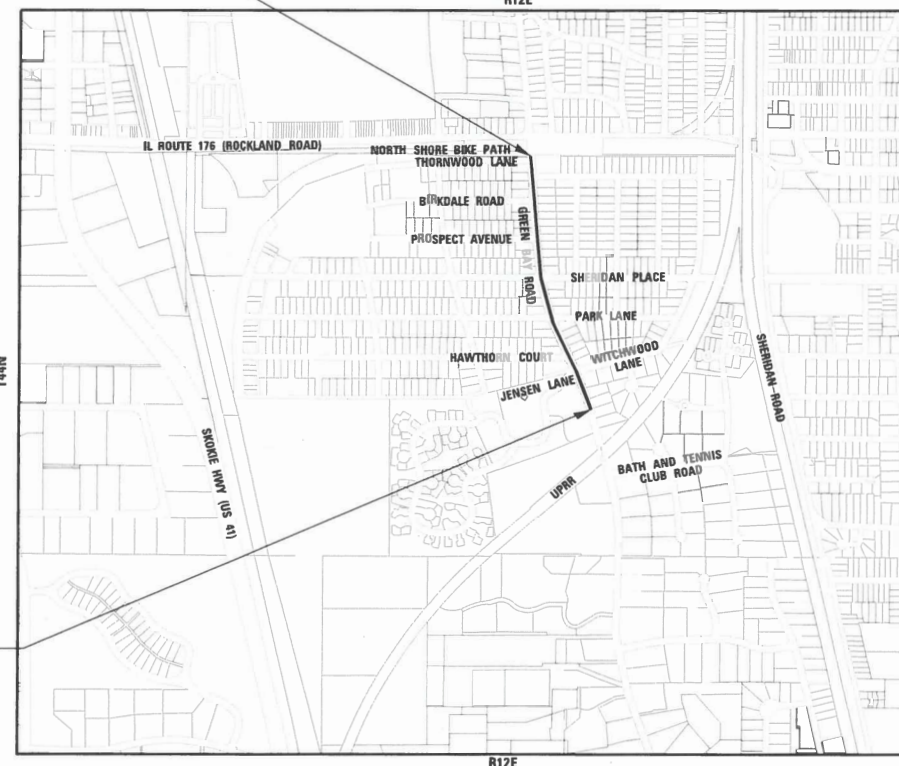
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 2711 (GREEN BAY ROAD):
SOUTH OF WITCHWOOD LANE TO
SOUTH OF FAU 1238 ROCKLAND ROAD (IL ROUTE 176)
ROADWAY RECONSTRUCTION
SECTION: 18-00039-00-PV
PROJECT: 5AB9(961)
VILLAGE OF LAKE BLUFF
LAKE COUNTY

C-91-148-26

LOCATION MAP
NOT TO SCALE
R12E



GROSS LENGTH = 2,690 FT. = 0.509 MILE

NET LENGTH = 2,690 FT. = 0.509 MILE

BAXTER & WOODMAN
Consulting Engineers

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	1
5AB9(961)		ILLINOIS	CONTRACT NO. 61M08	



9/24/2025

LICENSE EXPIRES 11-30-2027

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 
10/9/25
VILLAGE OF LAKE BLUFF

PASSED 
NOV 3, 2025
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW 
November 3rd 2025
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2026
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HIGHWAY STANDARDS	
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-06	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-07	PRECAST MANHOLE TYPE A 4' (1.22m) DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' (1.52m) DIAMETER
602406-11	PRECAST MANHOLE TYPE A 6' (1.83 m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE 11
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	100% LOCAL
				ROADWAY	
				0004 URBAN	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	158	158	
* 25100630	EROSION CONTROL BLANKET	SQ YD	8,474	8,474	
* 25200200	SUPPLEMENTAL WATERING	UNIT	1	1	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	176	176	
28000400	PERIMETER EROSION BARRIER	FOOT	400	400	
28000510	INLET FILTERS	EACH	39	39	
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	8,474	8,474	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	668	668	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	8,175	8,175	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,667	1,667	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	854	854	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	18,400	18,400	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,840	1,840	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	2,598	2,598	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	7	7	

* INDICATES SPECIALTY ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 2 OF 10 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	5
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5A89(361)				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 3	OF 10 SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	6
			CONTRACT NO. 61M08	
ILLINOIS FED. AID PROJECT 5A89(961)				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	100% LOCAL
				ROADWAY	
				0004 URBAN	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	5	5	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	144	144	
40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	8,175	8,175	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	553	553	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	25	25	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	7,594	7,594	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	2,206	2,206	
42400800	DETECTABLE WARNINGS	SQ FT	360	360	
44000100	PAVEMENT REMOVAL	SQ YD	8,175	8,175	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,432	1,432	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,572	5,572	
44000600	SIDEWALK REMOVAL	SQ FT	8,612	8,612	
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	519	519	
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	160	160	
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	440	440	

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 4	OF 10 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	7
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	100% LOCAL
				ROADWAY	
				0004 URBAN	
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	30	30	
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	708	708	
55100100	STORM SEWER REMOVAL 4"	FOOT	63	63	
55100200	STORM SEWER REMOVAL 6"	FOOT	23	23	
55100300	STORM SEWER REMOVAL 8"	FOOT	1,278	1,278	
55100400	STORM SEWER REMOVAL 10"	FOOT	78	78	
55100500	STORM SEWER REMOVAL 12"	FOOT	88	88	
* 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	20		20
* 56104900	WATER VALVES 6"	EACH	1		1
* 56107400	REMOVE AND RELOCATE WATER MAIN 12"	FOOT	40	40	
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	6	6	
* 56400600	FIRE HYDRANTS	EACH	1		1
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	530	530	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1	
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	4	4	

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	8
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	100% LOCAL
				ROADWAY	
				0004 URBAN	
60204805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2	
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	1	
60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	14	14	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	8	
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	
60224020	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2	
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	6	6	
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	2	2	
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	1	1	
60251200	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	2	2	
60251500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	2	2	
* 60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	8	8	
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	29	29	

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	9
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(561)				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	100% LOCAL
				ROADWAY	
				0004 URBAN	
60500040	REMOVING MANHOLES	EACH	10	10	
60500050	REMOVING CATCH BASINS	EACH	4	4	
60500060	REMOVING INLETS	EACH	8	8	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4,777	4,777	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	795	795	
* 61000050	CONCRETE THRUST BLOCKS	EACH	1		1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,679	1,679	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	100	100	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8	
67100100	MOBILIZATION	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	180	180	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,054	2,054	

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE	NONE	SHEET	7	OF	10	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	10
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB91961				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	100% LOCAL
				ROADWAY	
				0004 URBAN	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	632	632	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	16,998	16,998	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	2,499	2,499	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	366	366	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	146	146	
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	19	19	
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	33	33	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	293	293	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,666	5,666	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	925	925	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	50	50	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	122	122	
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	2	
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1	
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	95	95	

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	11
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5A89(961)				

				CONSTRUCTION CODE	
				80% FED 20% LOCAL	100% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	240	240	
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	750	750	
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	24	24	
* A2002612	TREE, CARYA CORDIFORMIS (BITTERNUT HICKORY), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1	
* A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1	
* A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1	
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1	
* A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1	
* B2001116	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3	
* B2010165	TREE, CORNUS KOUSA (KOUSA DOGWOOD), 5' HEIGHT, BALLED AND BURLAPPED	EACH	2	2	
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	50	50	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0019600	DUST CONTROL WATERING	UNIT	19	19	
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	358	358	

* INDICATES SPECIALTY ITEM
\$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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USER NAME	= jmiller
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 10/28/2025

DESIGNED	- SAM
DRAWN	- KAR
CHECKED	- DIS
DATE	- 10/28/2025

REVISED	-
REVISED	-
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FILE	- 180840-SS4-SHT-SOQ.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	12
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5A89(561)				

				CONSTRUCTION CODE	
				80% FED 20% LOCAL	100% LOCAL
				ROADWAY	
				0004	
				URBAN	
S	Z0076600	TRAINEES	hour	500	
S	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	hour	500	
	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	350	
*	X1200016	SANITARY SERVICE REPLACEMENT	EACH	5	
*	X1400088	POWER PEDESTALS	EACH	2	
	X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	200	
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	39	
	X4023000	TEMPORARY ACCESS (ROAD)	EACH	11	
	X5220102	RETAINING WALL REMOVAL	FOOT	166	
*	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	500	500
*	X5610746	WATER MAIN LINE STOP 6"	EACH	1	1
*	X5610748	WATER MAIN LINE STOP 8"	EACH	1	1
*	X5610752	WATER MAIN LINE STOP 12"	EACH	1	1
*	X5620104	WATER SERVICE REPLACEMENT, 1.5" - LONG	EACH	23	23
*	X5610804	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	2	2

* INDICATES SPECIALTY ITEM

S 0042

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* INDICATES SPECIALTY ITEM

BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmllder	DESIGNED = SAM	REVISED =
	DRAWN = KAR	REVISED =
PLOT SCALE = 20.0000' / in.	CHECKED = DIJ	REVISED =
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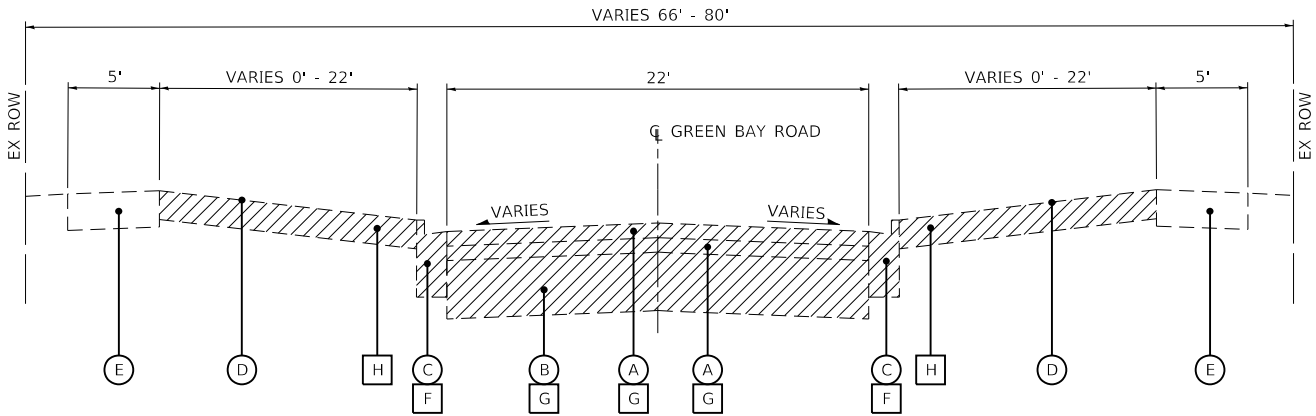
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE: NONE	SHEET 10	OF 10	SHEETS	STA. TO STA.

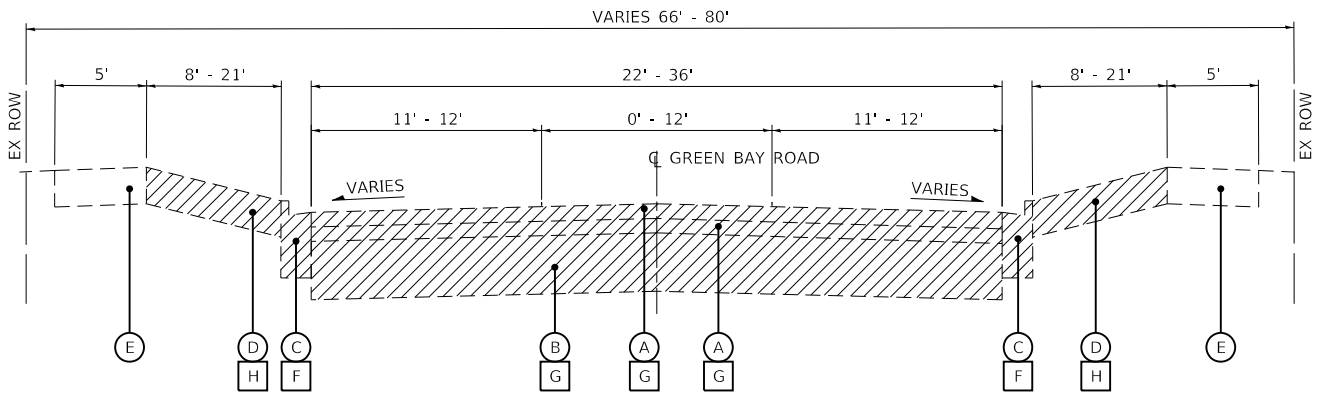
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	13
		CONTRACT NO. 61M08		
ILLINOIS		FED. AID PROJECT \$AB9(961)		

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EXISTING TYPICAL SECTION
GREEN BAY ROAD
STA. 23+70 TO STA. 45+85



EXISTING TYPICAL SECTION
GREEN BAY ROAD
STA. 45+85 TO STA. 49+78

EXISTING LEGEND

- A** EXISTING HOT-MIX ASPHALT SURFACE AND/OR BINDER
(SEE PAVEMENT CORES FOR THICKNESS)
- B** EXISTING CONCRETE AND/OR AGGREGATE BASE
(SEE PAVEMENT CORES FOR THICKNESS)
- C** EXISTING CURB AND GUTTER
- D** EXISTING GROUND SURFACE
- E** EXISTING SIDEWALK
- F** COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- G** PAVEMENT REMOVAL
- H** TOPSOIL REMOVAL (ASSUMED DEPTH 6 INCHES)
(PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)
- ITEM TO BE REMOVED

PAVEMENT CORE DATA										
CORE	STA	ADDRESS	LOCATION	BIT. CONC SURFACE	LEVELING BINDER	BIT CONC BINDER	CONC	BBC	CRUSHED LIMESTONE	TOTAL DEPTH
C-1	49+76	80' N of Thornwood Ln CL	5' E of CL	1 3/4"	1 3/4"	3 1/2"		10 3/4"	5 1/4"	23"+
C-2	46+15	100' N of Birkdale Rd. CL	8' W of CL	2"			6"			8"
C-3	42+00	431 Green Bay Rd	6' E of CL	3 1/4"			6"			9 1/4"
C-4	38+83	95' N of Sheridan Pl CL	5' W of CL	4"			5"			9"
C-5	36+00	365 Green Bay Rd	8' E of CL	4 1/4"			5 1/2"			9 3/4"
C-6	32+00	310 Green Bay Rd	6' W of CL	3 1/4"			6 1/2"			9 3/4"
C-7	28+88	216 Green Bay Rd 50' N of Witchwood Ln CL	7' E of CL	3 1/4"			5 1/4"			8 1/2"
C-8	23+00	115 Green Bay Rd	6' W of CL	3"			6 1/4"			9 1/4"



USER NAME = jtmiller	DESIGNED - SAM	REVISED -
	DRAWN - KAR	REVISED -
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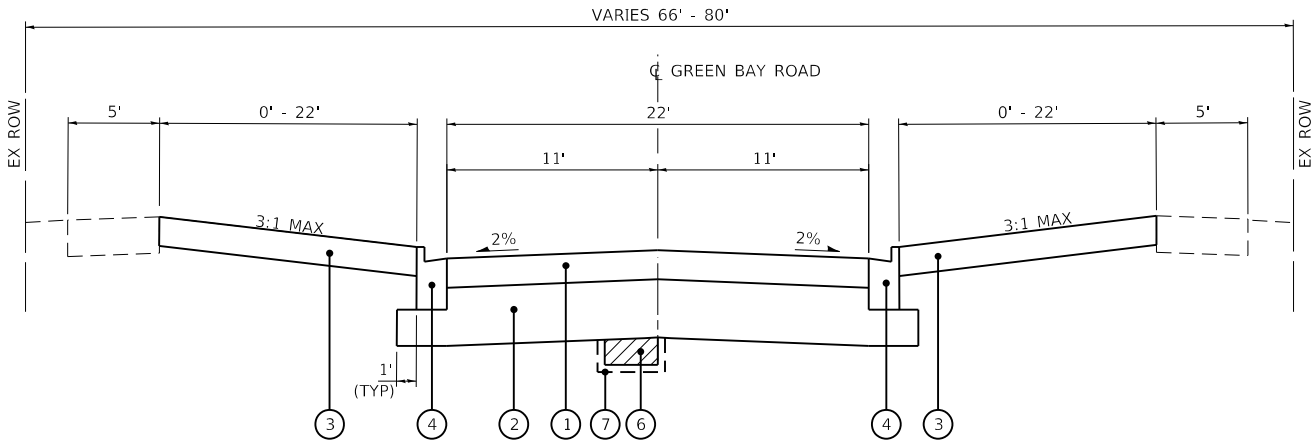
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS AND
PAVEMENT CORE DATA

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	14
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

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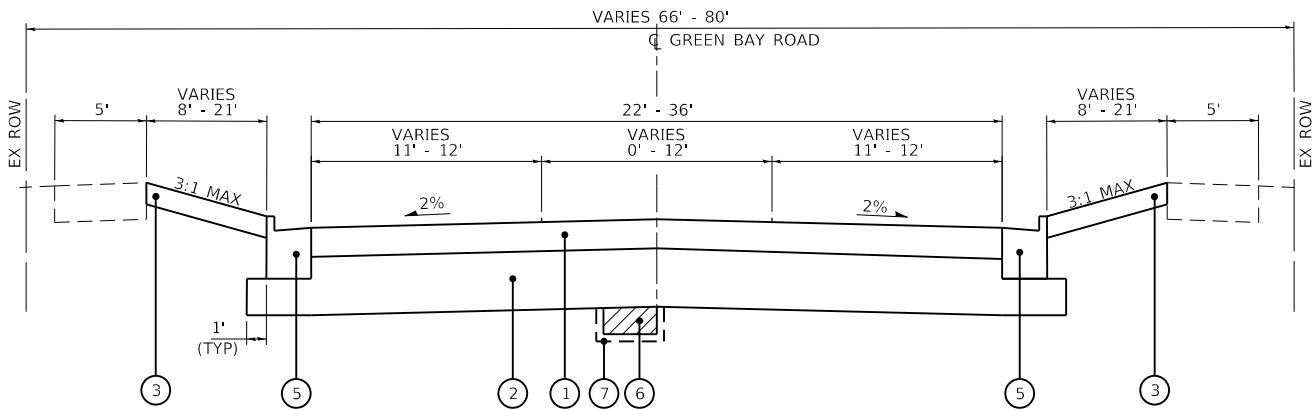
PROPOSED TYPICAL SECTION
GREEN BAY ROAD
STA 23+70 TO 45+85

PROPOSED LEGEND

- 1 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6"
- 2 AGGREGATE SUBGRADE IMPROVEMENT, 12"
- 3 TOPSOIL EXCAVATION AND PLACEMENT
SEEDING, CLASS 2A
- 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B.6-12
- 5 COMBINATION CONCRETE CURB AND GUTTER, TYPE B.6-24
- 6 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS
AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (SEE NOTE 1)
- 7 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

NOTES:

- **GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED
- LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.



PROPOSED TYPICAL SECTION
GREEN BAY ROAD
STA 45+85 TO 49+78

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIX TYPE	AIR VOIDS @ Ndes	QMP
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 GYR	LR-1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR	LR-1030-2
PAVEMENT TRANSITION		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1.5"MIN)	4% @ 50 GYR	LR-1030-2
HOT-MIX ASPHALT DRIVEWAY (PE)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3" (IN 2 LIFTS)	4% @ 50 GYR	LR-1030-2
HOT-MIX ASPHALT DRIVEWAY (CE)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 GYR	LR-1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR	LR-1030-2
QMP designation: Quality Control/Quality Assurance per LR1030-2		

- NOTES:
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

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EARTHWORK												
	1	2	3	4	5	6	7	8	9	10	11	12
LOCATION STA TO STA	TOPSOIL EXCAVATION (DEPTH 6") (CU YD)	TOPSOIL EXCAVATION FOR PLACEMENT (15% SHRINKAGE) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (DEPTH 6") (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	AGGREGATE SUBGRADE IMPROVEMENT (CU YD)	UNSUITABLE EXCAVATION (TOPSOIL) (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	NON-SPECIAL WASTE DISPOSAL (CU YD)
GREEN BAY RD	+1,193	+709	+1,381	(-672)	+668	+6	+674	+3,822	+2,130	+94	+2,037	+1,679
23+70.00 24+00.00	6.2	5.3	5.8	(-0.5)	-	-	-	13.3	11.3	2.8	+9	-
24+00.00 24+50.00	12.6	10.8	15.4	(-4.6)	-	-	-	52.8	44.9	2.2	+43	-
24+50.00 25+00.00	13.5	11.5	12.4	(-0.9)	-	-	-	58.3	49.6	1.4	+48	-
25+00.00 25+50.00	9.2	7.8	11.1	(-3.3)	-	-	-	55.6	47.4	1.2	+46	-
25+50.00 26+00.00	13.7	11.7	17.1	(-5.4)	-	-	-	59.7	50.8	1.6	+49	-
26+00.00 26+50.00	14.4	12.3	18.7	(-6.4)	-	-	-	60.9	51.8	1.2	+51	-
26+50.00 27+00.00	11.9	-	16.9	(-16.9)	-	-	-	60.9	-	1.5	(-1)	72.9
27+00.00 27+50.00	10.5	-	12.5	(-12.5)	-	-	-	60.2	-	1.7	(-2)	70.6
27+50.00 28+00.00	13.6	-	8.9	(-8.9)	-	-	-	78.4	-	0.5	(-0)	92.0
28+00.00 28+50.00	11.3	-	15.3	(-15.3)	-	-	-	88.5	-	1.9	(-2)	99.8
28+50.00 29+00.00	25.5	-	21.1	(-21.1)	-	-	-	89.6	-	2.5	(-3)	115.1
29+00.00 29+50.00	32.3	-	28.9	(-28.9)	-	-	-	88.1	-	0.8	(-1)	120.5
29+50.00 30+00.00	32.4	-	19.4	(-19.4)	-	-	-	110.7	-	0.1	(-0)	143.1
30+00.00 30+50.00	16.1	-	19.2	(-19.2)	-	-	-	116.8	-	-	-	132.9
30+50.00 31+00.00	31.9	27.2	38.1	(-10.9)	-	-	-	79.2	67.3	-	+67	-
31+00.00 31+50.00	31.7	27.0	38.0	(-11.0)	-	-	-	63.6	54.1	0.7	+53	-
31+50.00 32+00.00	31.6	26.9	37.9	(-11.0)	-	-	-	63.1	53.6	0.7	+53	-
32+00.00 32+50.00	39.2	33.3	37.9	(-4.6)	-	-	-	77.7	66.1	-	+66	-
32+50.00 33+00.00	32.2	27.4	38.1	(-10.7)	-	-	-	90.0	76.5	-	+77	-
33+00.00 33+50.00	32.3	27.5	39.1	(-11.6)	-	-	-	87.3	74.3	-	+74	-
33+50.00 34+00.00	32.6	27.8	27.3	+0.5	0.5	-	-	118.1	100.5	-	+101	-
34+00.00 34+50.00	20.7	17.7	26.9	(-9.2)	-	-	-	114.9	97.7	-	+98	-
34+50.00 35+00.00	32.0	27.3	38.7	(-11.4)	-	-	-	75.1	63.9	0.1	+64	-
35+00.00 35+50.00	31.9	27.1	38.4	(-11.3)	-	-	-	82.0	69.8	0.1	+70	-
35+50.00 36+00.00	31.3	26.7	28.6	(-1.9)	-	-	-	91.8	78.0	-	+78	-
36+00.00 36+50.00	24.9	21.2	18.8	+2.4	2.4	-	-	100.5	85.4	-	+85	-
36+50.00 37+00.00	31.8	27.0	28.2	(-1.2)	-	-	-	85.2	72.5	1.5	+71	-
37+00.00 37+50.00	31.9	27.2	38.6	(-11.4)	-	-	-	52.2	44.4	6.4	+38	-
37+50.00 38+00.00	33.5	28.5	25.6	+2.9	2.9	-	-	76.6	65.1	4.9	+60	-
38+00.00 38+50.00	20.8	17.8	26.5	(-8.7)	-	-	-	73.5	62.5	6.3	+56	-
38+50.00 39+00.00	33.1	28.2	40.6	(-12.4)	-	-	-	35.2	30.0	10.5	+20	-
39+00.00 39+50.00	25.6	21.8	39.4	(-17.6)	-	-	-	40.7	34.7	6.1	+29	-
39+50.00 40+00.00	31.9	-	38.4	(-38.4)	-	-	-	46.1	-	2.2	(-2)	78.0
40+00.00 40+50.00	22.3	-	38.0	(-38.0)	-	-	-	52.6	-	0.5	(-0)	74.9
40+50.00 41+00.00	15.8	-	38.2	(-38.2)	-	-	-	61.8	-	0.9	(-1)	77.6
41+00.00 41+50.00	16.0	-	19.3	(-19.3)	-	-	-	110.6	-	0.7	(-1)	126.7
41+50.00 42+00.00	9.4	-	20.2	(-20.2)	-	-	-	112.7	-	0.2	(-0)	122.0
42+00.00 42+50.00	26.0	-	29.4	(-29.4)	-	-	-	64.4	-	1.2	(-1)	90.4
42+50.00 43+00.00	25.3	-	28.2	(-28.2)	-	-	-	55.1	-	4.0	(-4)	80.4
43+00.00 43+50.00	28.8	-	38.1	(-38.1)	-	-	-	51.6	-	3.4	(-3)	80.4
43+50.00 44+00.00	31.7	-	29.2	(-29.2)	-	-	-	69.8	-	0.5	(-0)	101.5
44+00.00 44+50.00	22.3	19.0	29.4	(-10.4)	-	-	-	80.3	68.3	0.3	+68	-
44+50.00 45+00.00	34.6	29.5	30.3	(-0.8)	-	-	-	93.7	79.7	0.4	+79	-
45+00.00 45+50.00	29.8	25.4	33.4	(-8.0)	-	-	-	85.0	72.3	0.7	+72	-
45+50.00 46+00.00	26.2	22.3	41.2	(-18.9)	-	-	-	53.2	45.3	1.1	+44	-
46+00.00 46+50.00	22.3	19.0	27.4	(-8.4)	-	-	-	56.8	48.3	1.2	+47	-
46+50.00 47+00.00	13.9	11.9	25.3	(-13.4)	-	-	-	62.2	52.9	3.1	+50	-
47+00.00 47+50.00	17.1	14.6	23.9	(-9.3)	-	-	-	74.5	63.4	3.4	+60	-
47+50.00 48+00.00	11.5	9.8	17.8	(-8.0)	-	-	-	70.8	60.3	3.3	+57	-
48+00.00 48+50.00	13.4	11.5	16.0	(-4.5)	-	-	-	50.0	42.5	5.4	+37	-
48+50.00 49+00.00	11.1	9.5	9.5	(-0.0)	-	-	-	70.5	59.9	3.1	+57	-
49+00.00 49+50.00	8.9	7.6	12.4	(-4.8)	-	-	-	77.4	65.8	0.4	+65	-
49+50.00 49+68.00	2.2	1.9	6.0	(-4.1)	-	-	-	22.0	18.7	0.4	+18	-
TOTALS	1,193	709	1,381	-672	668	6	674	3,822	2,130	94	2,037	1,679

COLUMN 1 = TOPSOIL REMOVAL DEPTH 6"
COLUMN 2 = [COLUMN 1] x 0.85
COLUMN 3 = FROM CROSS SECTION END AREAS, DEPTH 6"
COLUMN 4 = [COLUMN 2] - [COLUMN 3]
COLUMN 5 = LOCATION AS DETERMINED BY ENGINEER
COLUMN 6 = [COLUMN 4] (IF COLUMN 4 > 0)
COLUMN 7 = [COLUMN 5] + [COLUMN 6]
COLUMN 8 = FROM CROSS SECTION END AREAS
COLUMN 9 = [COLUMN 8] x 0.85
COLUMN 10 = FROM CROSS SECTION END AREAS
COLUMN 11 = [COLUMN 11] - [COLUMN 12]

EARTHWORK PAY ITEM SUMMARY		
	TOTAL	
EARTH EXCAVATION	3,822	CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	674	CU YD
TOPSOIL EXCAVATION AND PLACEMENT	1,381	CU YD
AGGREGATE SUBGRADE IMPROVEMENT	668	CU YD
NON-SPECIAL WASTE DISPOSAL	1,679	CU YD

PROPOSED SIGN SCHEDULE					
				72000100 SIGN PANEL - TYPE 1	72800100 TELESCOPING STEEL SIGN SUPPORT
STA	OFFSET	SIGN	SIGN SIZE	SQ FT	FOOT
24+53	LT	W2-2	30X30	6.3	13.5
28+43	RT	R1-1	30X30	6.3	13.5
28+56	RT	D3-1	48X12	4.0	13
	RT	D3-1	48X12	4.0	
29+04	RT	R2-1	24X30	5.0	13.5
29+67	LT	D3-1	48X12	4.0	13
	LT	D3-1	48X12	4.0	
29+71	LT	R1-1	30X30	6.3	13.5
33+81	LT	D3-1	48X12	4.0	13
	LT	D3-1	30X12	2.5	
33+90	RT	R1-1	30X30	6.3	13.5
33+93	LT	R1-1	30X30	6.3	13.5
34+00	RT	D3-1	48X12	4.0	13
	RT	D3-1	30X12	2.5	
37+67	LT	D3-1	48X12	4.0	13
	LT	D3-1	46X12	3.8	
37+81	LT	R1-1	30X30	6.3	13.5
37+94	RT	R1-1	30X30	6.3	13.5
41+35	LT	D3-1	48X12	4.0	13
	LT	D3-1	46X12	3.8	
41+42	LT	R1-1	30X30	6.3	13.5
45+01	LT	D3-1	48X12	4.0	13
	LT	D3-1	42X12	3.5	
45+05	LT	R1-1	30X30	6.3	13.5
47+24	RT	D3-1	48X12	4.0	13
	RT	D3-1	42X12	3.5	
47+59	RT	R1-1	30X30	6.3	13.5
48+46	LT	R2-1	24X30	5.0	13.5
48+73	LT	D3-1	48X12	4.0	13
	LT	D3-1	42X12	3.5	
48+88	LT	R1-1	30X30	6.3	13.5
TOTAL				146.0	293.0



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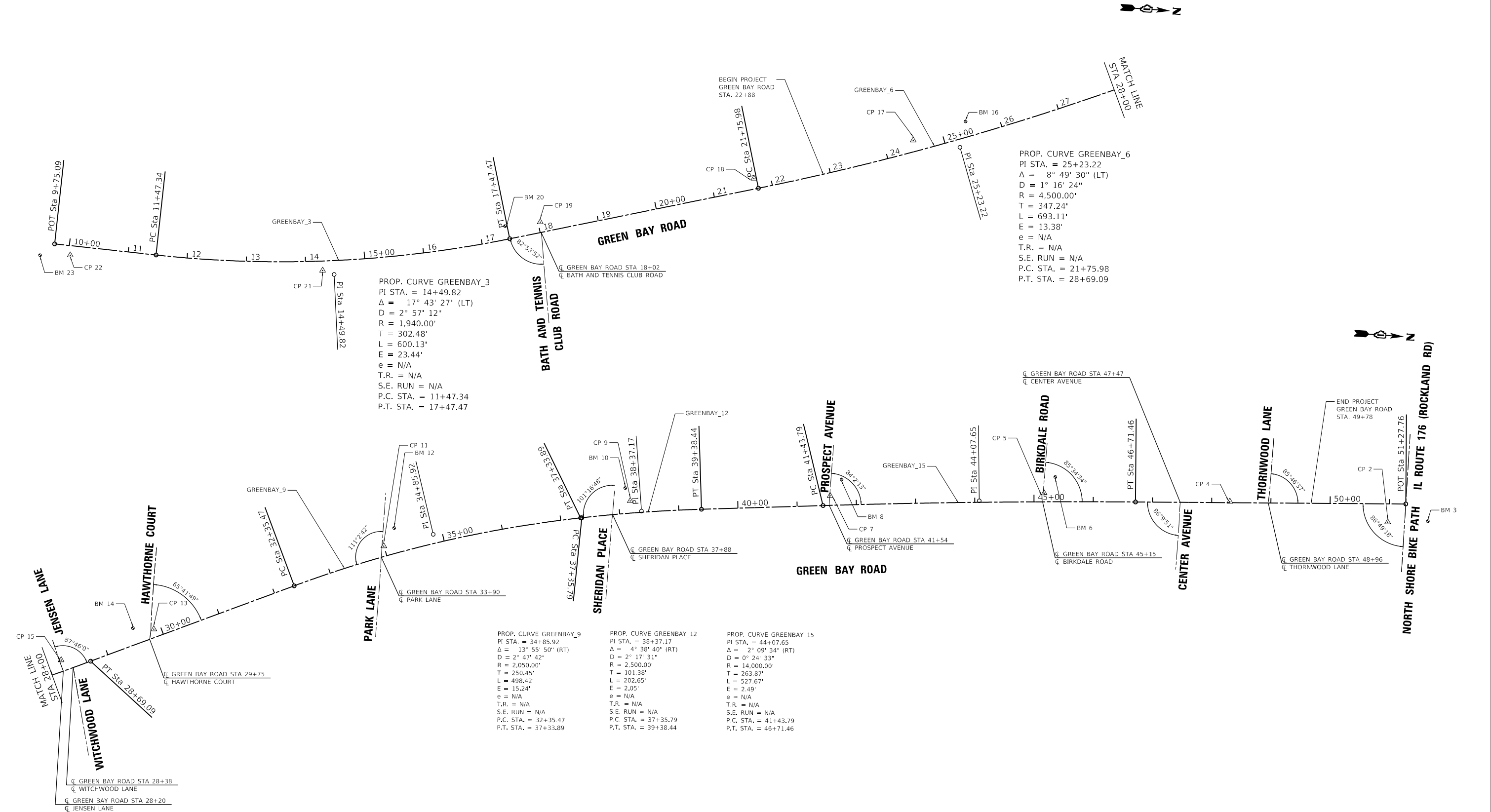
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	16
		CONTRACT NO. 61M08		
		ILLINOIS FED. AID PROJECT 5AB9(961)		

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BAXTER & WOODMAN Consulting Engineers	USER NAME = jmiller	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 160,000' / in.	CHECKED - DJS	REVISED -					2711	18-00039-00-PV	LAKE	84	17
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								ILLINOIS	FED. AID PROJECT	5AB9(961)		

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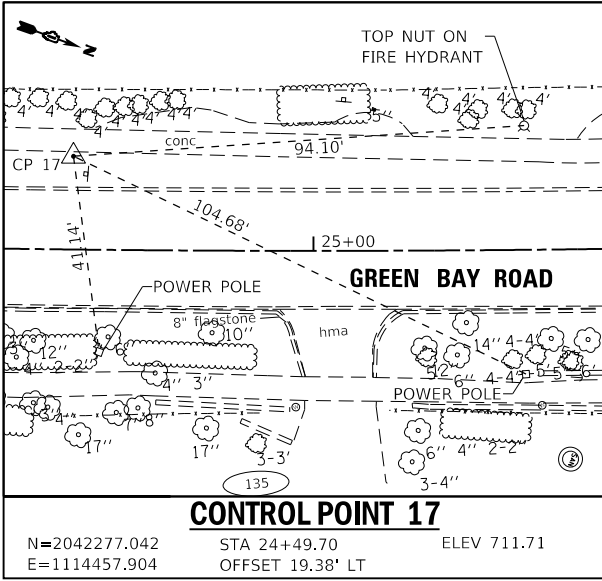
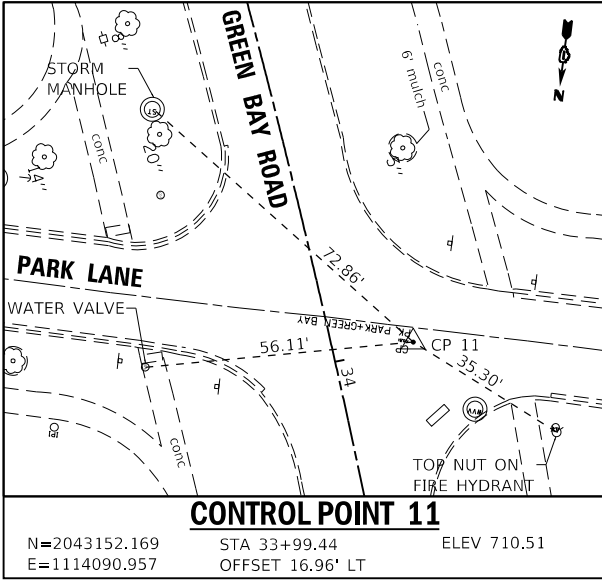
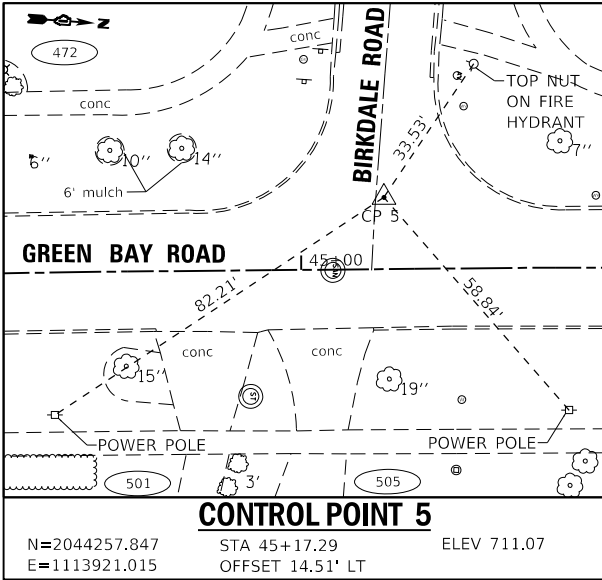
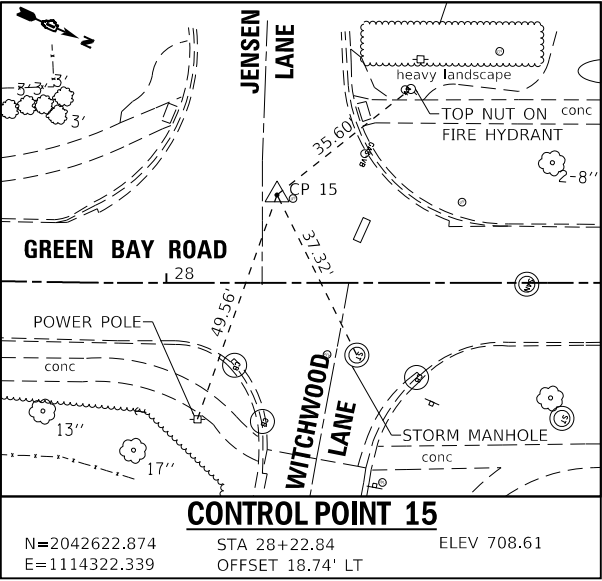
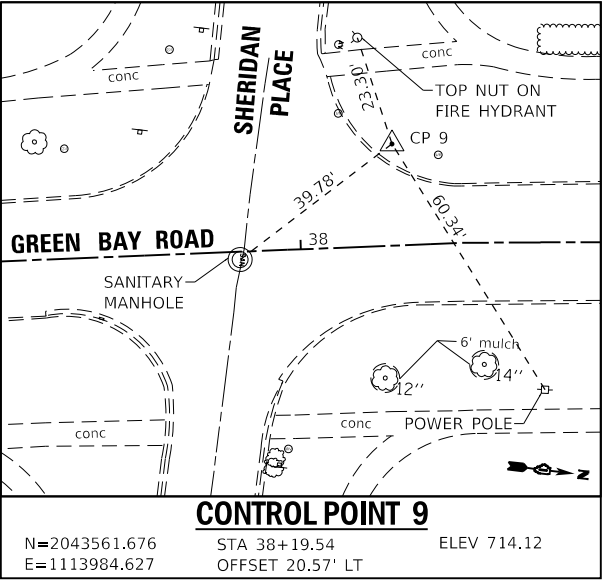
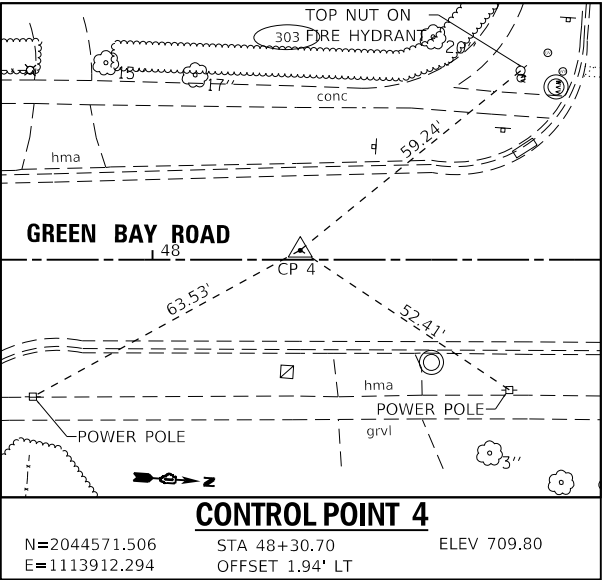
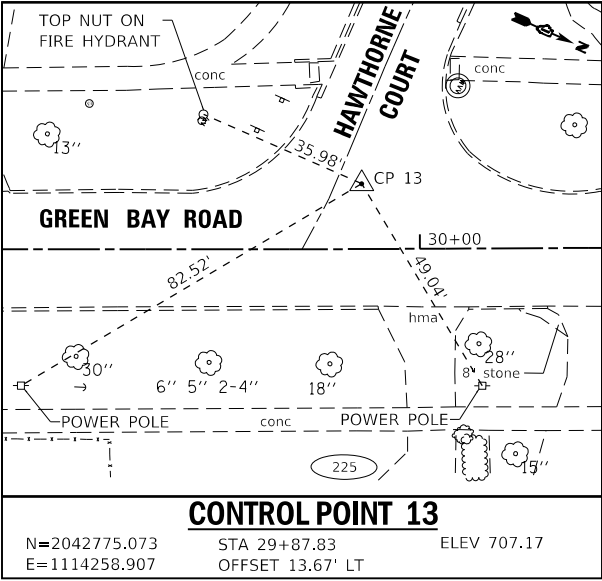
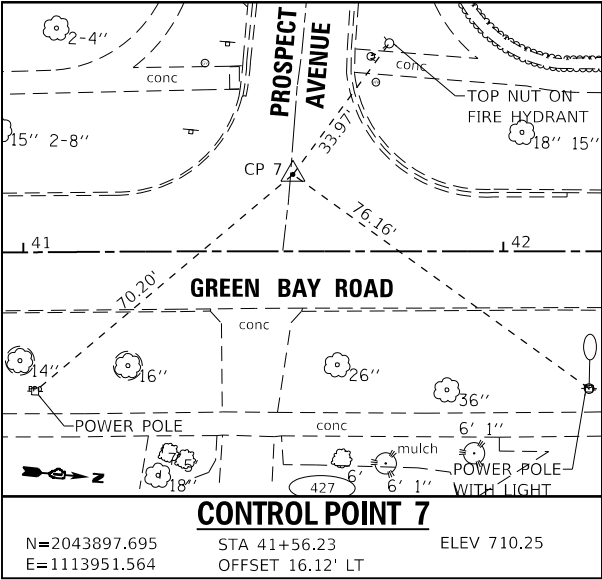
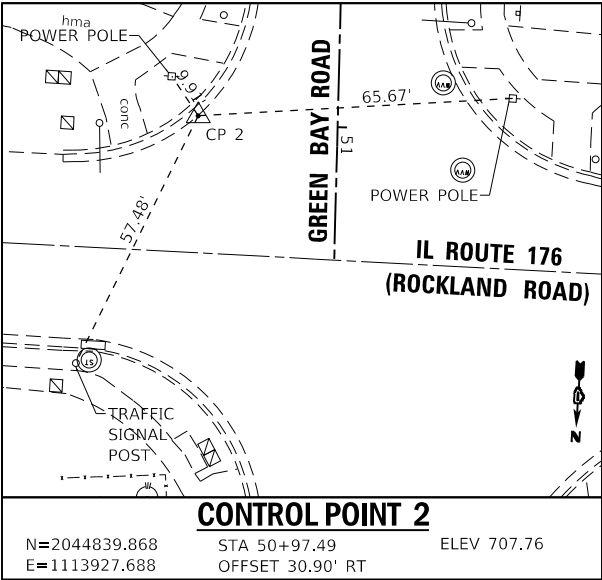
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	19
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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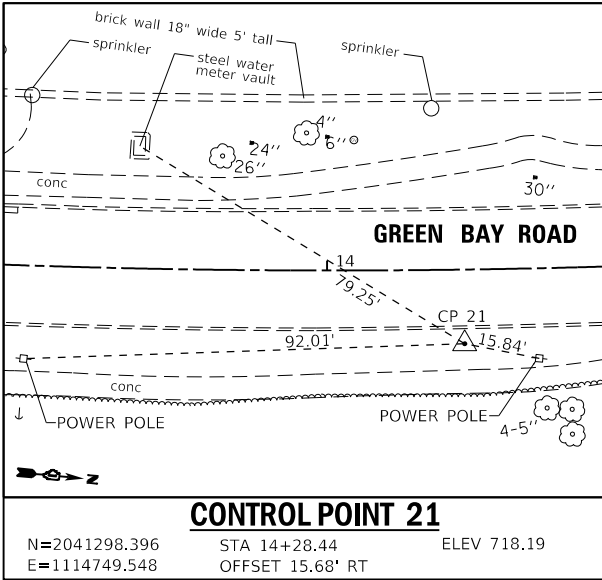
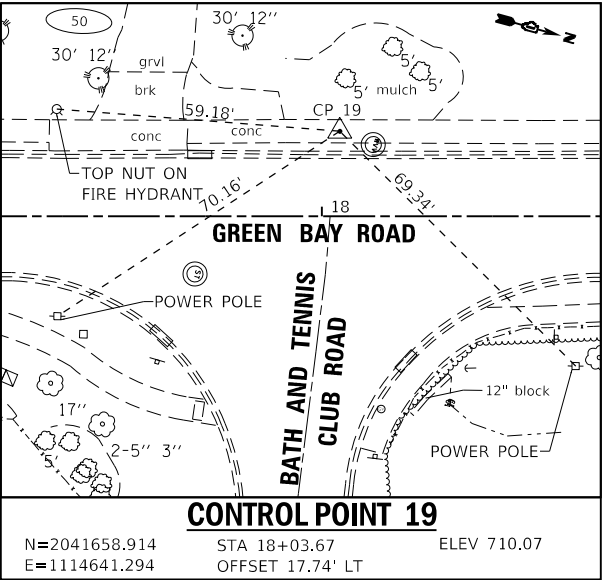
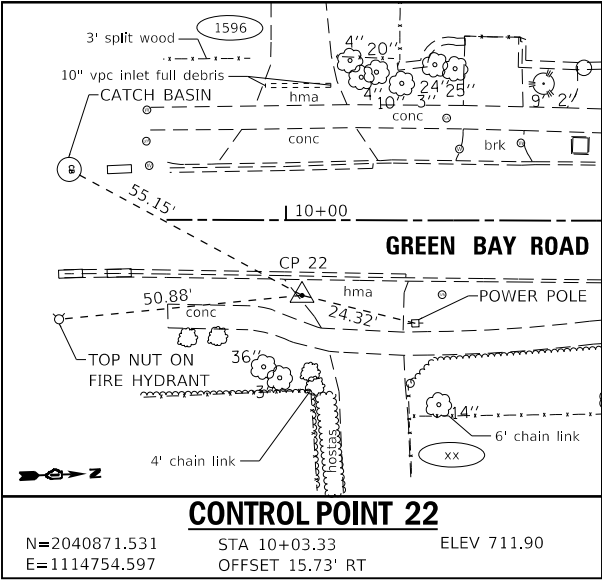
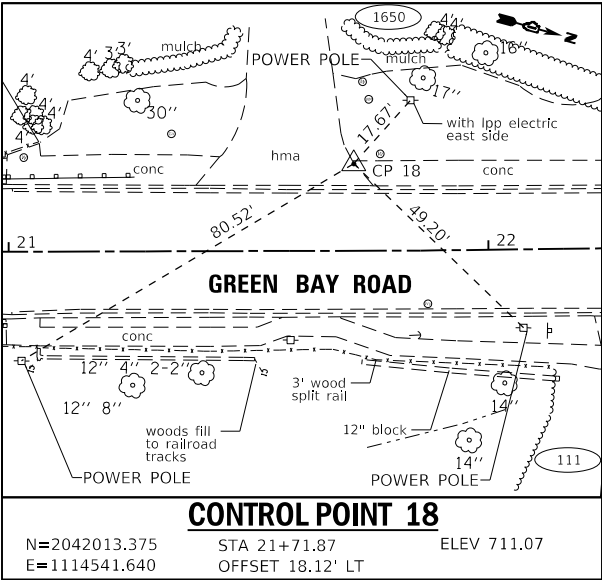
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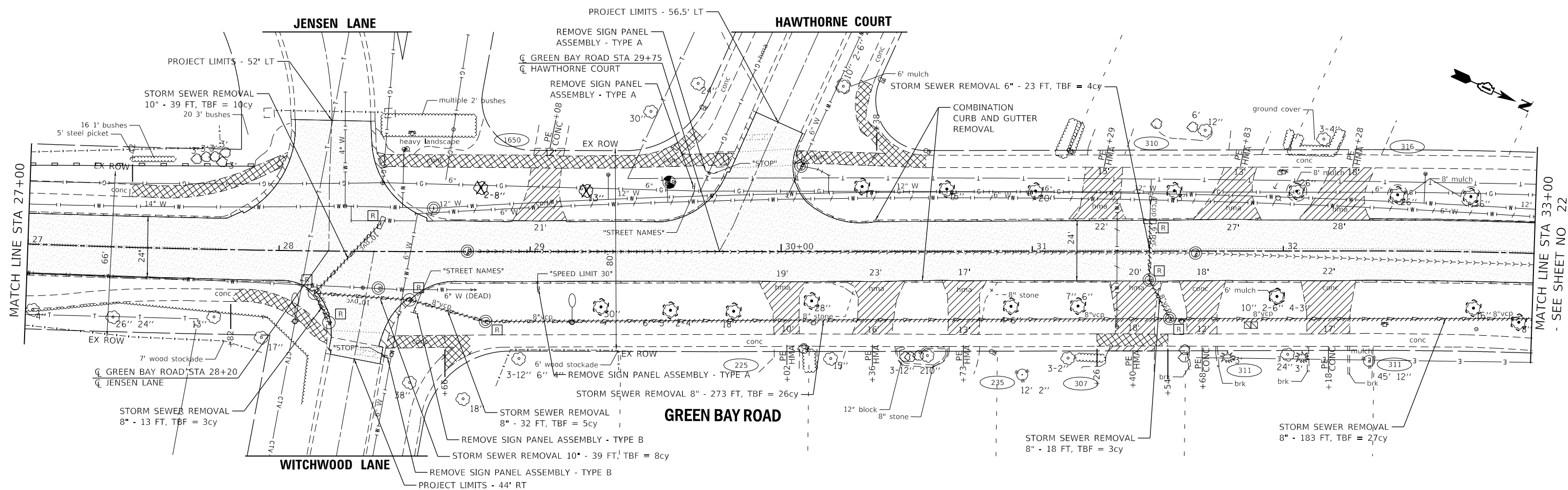
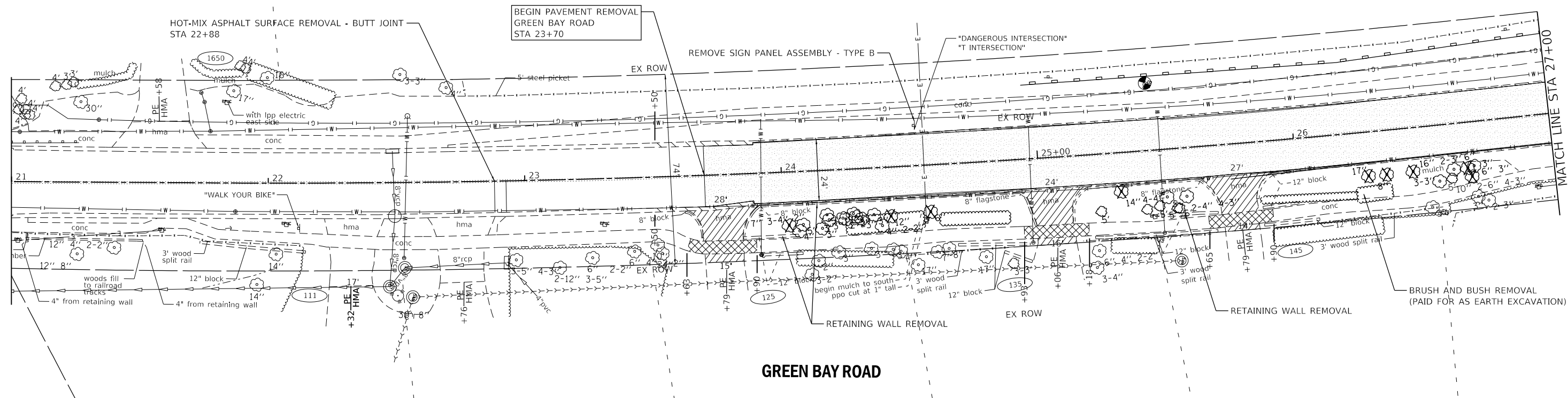
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	20
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5A89(961)				

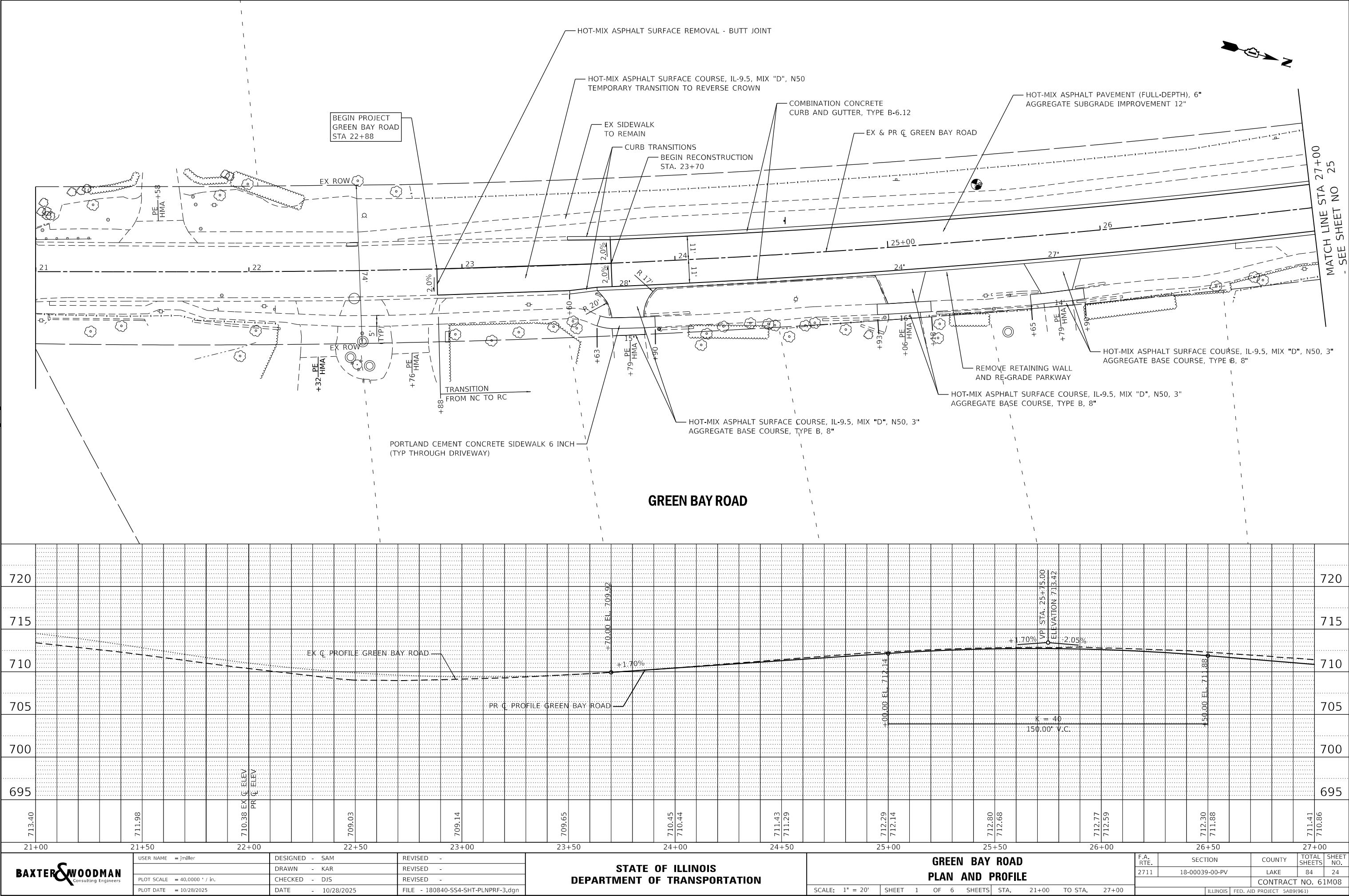




PLAN	SURVISED	DATE
NO.	BY	
NOTE BOOK	ALIGNED CHECKED	
	FILED	
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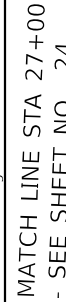
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NO.	BY	
NOTE BOOK	GRADES CHECKED	
	STRUCTURE NOTATIONS CHRG	

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	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
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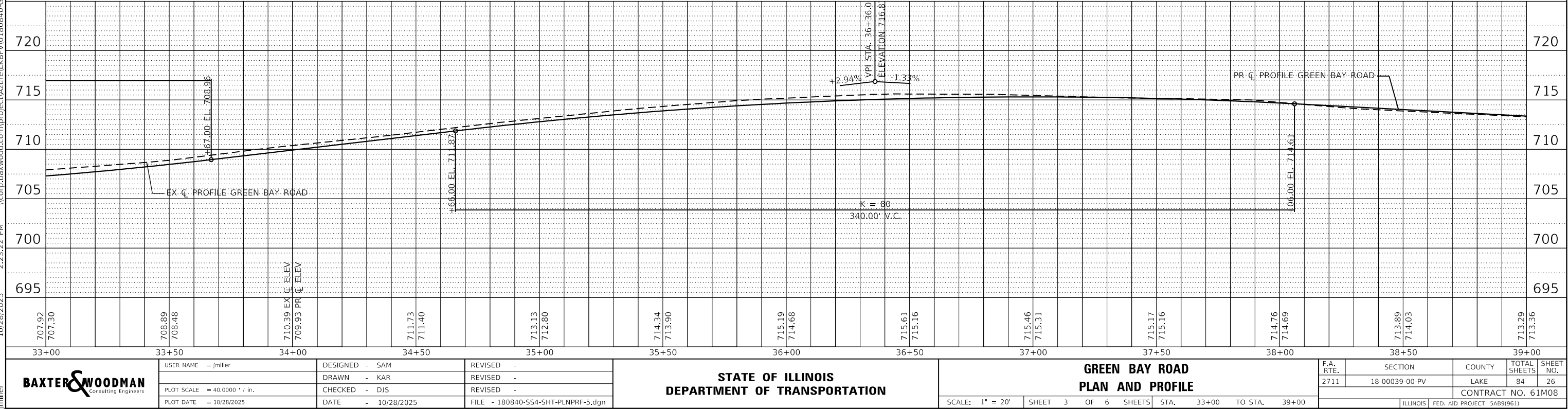
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BAXTER & WOODMAN Consulting Engineers	USER NAME = jmillr	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD PLAN AND PROFILE					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KAR	REVISED -							2711	18-00039-00-PV	LAKE	84	25
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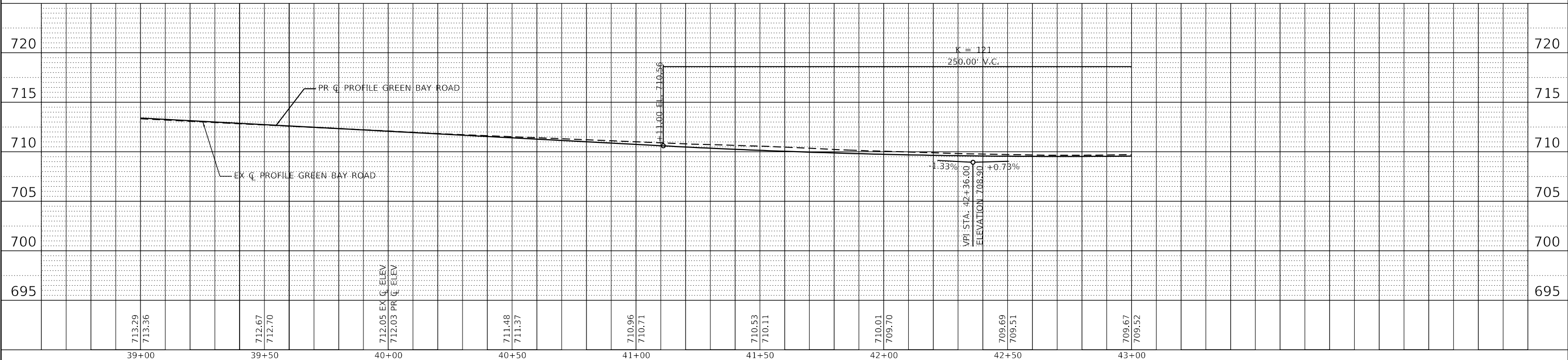
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	STRUCTURE NOTAT'NS CHKD _____		

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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PROFILE		BY	DATE
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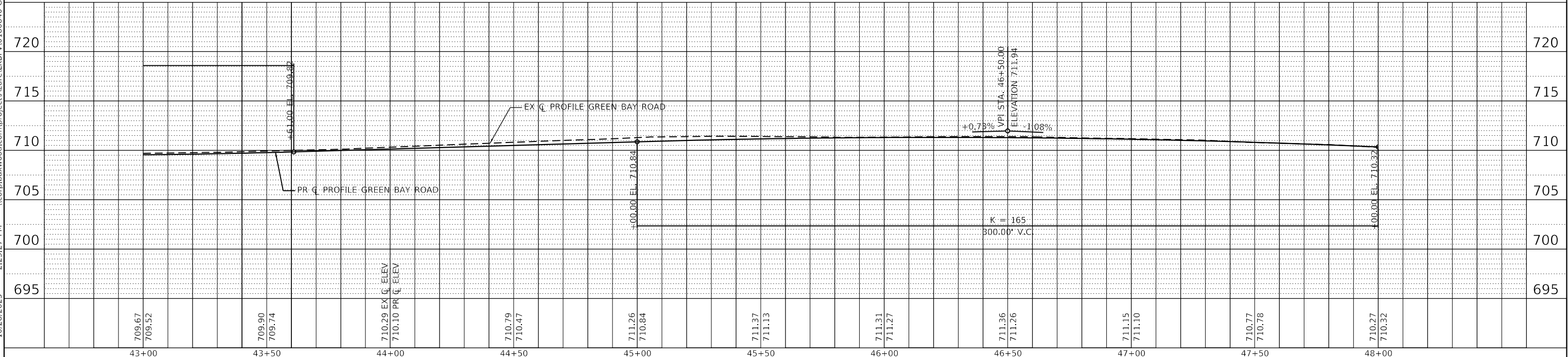
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PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
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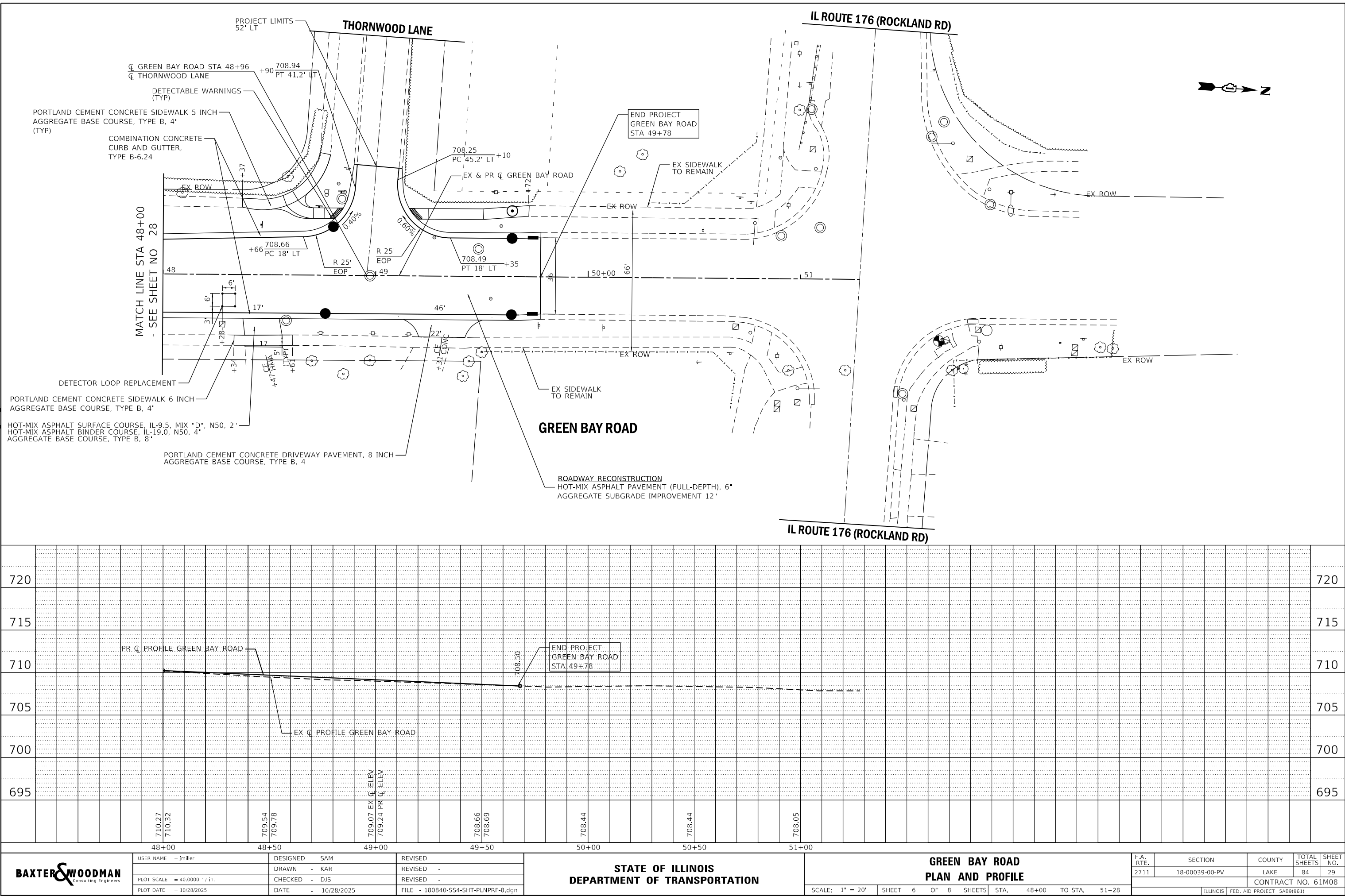
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BAXTER & WOODMAN Consulting Engineers	USER NAME = jmilller	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD PLAN AND PROFILE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 10/28/2025	DATE - 10/28/2025	FILE - 180840-SS4-SHT-PLNPRF-7.dgn		SCALE: 1" = 20'	SHEET 5 OF 6 SHEETS	STA. 43+00 TO STA. 48+00	ILLINOIS FED. AID PROJECT 5AB9(961)					

PROFILE		BY	DATE
SURVEYED _____			
PLOTTED _____			
NOTE BOOK _____			
GRADES CHECKED _____			
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STRUCTURE NOTAT'NS CHKD _____			

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MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR SHALL SUBMIT A PREPLANNED SEQUENCE OF WORK AT THE PRECONSTRUCTION MEETING FOR REVIEW AND APPROVAL BY IDOT. WORK SHALL BE SCHEDULED TO MINIMIZE INCONVENIENCE TO RESIDENTS AND BUSINESSES AND TO MAINTAIN A REASONABLE LEVEL OF CONSTRUCTION EFFICIENCY. THE VILLAGE AND/OR ENGINEER RESERVE THE RIGHT TO RESTRICT WORK ON ANY ROADWAY SEGMENT IF CONSTRUCTION OPERATIONS ON A PREVIOUS SEGMENT ARE UNACCEPTABLE; TRAFFIC CONTROL OPERATIONS BECOME UNACCEPTABLE; OR ANY EROSION CONTROL DEFICIENCY EXISTS.
2. THE COST OF ADDITIONAL DEPLOYMENTS, SETUPS, AND/OR MOBILIZATIONS NEEDED FOR STAGED CONSTRUCTION SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. THE CONTRACTOR WILL BE REQUIRED TO ATTEND WEEKLY PROGRESS MEETINGS WITH THE VILLAGE AND ENGINEER TO PROVIDE WEEKLY UPDATES ON THE PROPOSED WORK SCHEDULE AND UPCOMING SEQUENCE OF CONSTRUCTION ACTIVITIES. THE WORK SCHEDULE AND SEQUENCE OF WORK WILL REQUIRE APPROVAL OF THE VILLAGE AND COORDINATION WITH IMPACTED PROPERTY OWNERS AND TENANTS.
4. THE TRAFFIC CONTROL PLAN SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT, HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
5. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF CHANGES TO THE STAGING PLANS, OR ANY CHANGE IN STAGE. ALL CHANGES TO CONSTRUCTION STAGING MUST BE APPROVED BY THE ENGINEER PRIOR.
6. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV. A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
7. THE CONTRACTOR SHALL NOTIFY IDOT AND THE VILLAGE OF LAKE BLUFF 10 DAYS IN ADVANCE OF OPERATION OF DETOUR ROUTES.
8. ALL SIDE STREETS SHALL BE OPEN TO TWO-WAY TRAFFIC AT THE END OF EACH DAY.
9. PROVIDE 24 HOUR ADVANCED NOTIFICATION TO LAKE BLUFF POLICE (847) 234-8760 AND FIRE (847) 234-5158 WHEN LOCAL ROADS ARE TO BE TEMPORARILY CLOSED.
10. THE CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO DRIVEWAYS AND SIDE STREETS DURING CONSTRUCTION. THIS WORK SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISION FOR AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS.
11. ACCESS FOR LOCAL TRAFFIC, MAIL SERVICE, GARBAGE SERVICE, EMERGENCY VEHICLES, AND SCHOOL BUSES SHALL BE MAINTAINED AT ALL TIMES.
12. ACCESS TO COMMERCIAL DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.
13. RESIDENTS SHALL HAVE ACCESS TO THEIR DRIVEWAYS AT THE END OF EACH DAY EXCEPT DURING ADJACENT CURB AND GUTTER CONSTRUCTION OR CONCRETE DRIVEWAY REPLACEMENT.
14. CONSTRUCTION OPERATIONS INVOLVING THE TEMPORARY CLOSING OF DRIVEWAYS SHALL NOT COMMENCE WITHOUT THE CONTRACTOR NOTIFYING THE VILLAGE AT LEAST THREE DAYS PRIOR. THE CONTRACTOR WILL ALSO BE REQUIRED TO PROVIDE 48-HOUR NOTICE TO AFFECTED PARTIES BY DISTRIBUTING NOTICES AND/OR POSTING SIGNS.
15. ALL TRENCHES, HOLES, AND PITS SHALL BE FILLED OR COVERED WITH STEEL PLATES EXCEPT DURING ACTUAL CONSTRUCTION THERE IN.
16. EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY HIS WORK SHALL BE REPLACED BY THE CONTRACTOR.

17. TYPE I, TYPE II, OR DRUM BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.
18. ALL ITEMS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND APPLICABLE HIGHWAY STANDARDS.
19. CONTRACTOR TO ENSURE PROPER MAINTENANCE OF ALL BARRICADES AND SIGNAGE ON WEEKENDS AND HOLIDAYS.
20. TRAFFIC CONDITIONS, CRASHES, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DETERMINED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.
21. THE CONTRACTOR SHALL REMOVE OR COVER ALL WORKERS (W21-I(O)) OR FLAGGER (W20-7(O)) SIGNS WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN AN HOUR.
22. TYPE 3 BARRICADES TO FOLLOW HIGHWAY STANDARD 701901 FOR SPACING.
23. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGN MESSAGES SHALL BE REVISED TWO WEEKS THEREAFTER WITH MESSAGES WARNING TRAFFIC OF POTENTIAL TRAFFIC DELAYS, QUEUEING AND/OR WITH MESSAGES NOTIFYING TRAFFIC TO USE ALTERNATE ROUTES. THE SIGN LOCATIONS AND MESSAGES SHALL BE DETERMINED BY THE ENGINEER.

SUGGESTED SEQUENCE OF CONSTRUCTION

PRE STAGE

1. ESTABLISH EROSION CONTROL MEASURES AND TREE PROTECTION.
2. COMPLETE TREE REMOVAL.
3. COMPLETE UTILITY RELOCATIONS.

STAGE 1 - CONSTRUCTION

1. CLOSE GREEN BAY ROAD TO THRU TRAFFIC BETWEEN BIRKDALE ROAD TO SOUTH IL 176 AND PROVIDE DETOUR UTILIZING IL ROUTE 176, IL ROUTE 43 AND DEERPATH ROAD.
2. REMOVE PAVEMENT, CURB AND GUTTER, AND SIDEWALK AS INDICATED IN THE PLANS.
3. CONSTRUCT STORM SEWER.
4. CONSTRUCT AGGREGATE BASE IMPROVEMENTS, CURB AND GUTTER, AND HMA BINDER COURSE.
5. CONSTRUCT DRIVEWAY PAVEMENTS, SIDEWALK, AND BEGIN PARKWAY RESTORATION.

STAGE 2 - CONSTRUCTION

1. CLOSE GREEN BAY ROAD TO THRU TRAFFIC BETWEEN SHERIDAN PLACE TO BIRKDALE ROAD AND PROVIDE DETOUR UTILIZING 11TH ROUTE 176, IL ROUTE 43 AND DEERPATH ROAD.
2. REMOVE PAVEMENT, CURB AND GUTTER, AND SIDEWALK AS INDICATED IN THE PLANS.
3. CONSTRUCT STORM SEWER.
4. CONSTRUCT AGGREGATE BASE IMPROVEMENTS, CURB AND GUTTER, AND HMA BINDER COURSE.
5. CONSTRUCT DRIVEWAY PAVEMENTS, SIDEWALK, AND BEGIN PARKWAY RESTORATION.

STAGE 3 - CONSTRUCTION

1. CLOSE GREEN BAY ROAD TO THRU TRAFFIC BETWEEN JENSEN LANE TO SHERIDAN PLACE AND PROVIDE DETOUR UTILIZING IL ROUTE 176, IL ROUTE 43 AND DEERPATH ROAD.
2. REMOVE PAVEMENT, CURB AND GUTTER, AND SIDEWALK AS INDICATED IN THE PLANS.
3. CONSTRUCT STORM SEWER.
4. CONSTRUCT AGGREGATE BASE IMPROVEMENTS, CURB AND GUTTER, AND HMA BINDER COURSE.
5. CONSTRUCT DRIVEWAY PAVEMENTS, SIDEWALK, AND BEGIN PARKWAY RESTORATION.

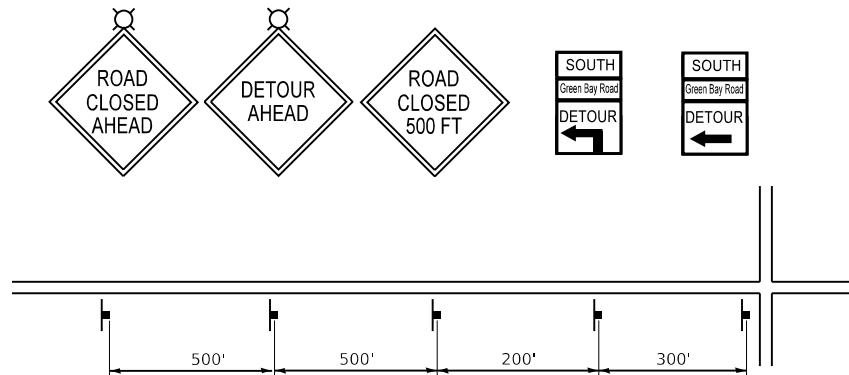
STAGE 4 - CONSTRUCTION

1. CLOSE GREEN BAY ROAD TO THRU TRAFFIC BETWEEN UP-N RAILROAD TO JENSEN LANE AND PROVIDE DETOUR UTILIZING IL ROUTE 176, IL ROUTE 43 AND DEERPATH ROAD.
2. REMOVE PAVEMENT, CURB AND GUTTER, AND SIDEWALK AS INDICATED IN THE PLANS.
3. CONSTRUCT STORM SEWER.
4. CONSTRUCT AGGREGATE BASE IMPROVEMENTS, CURB AND GUTTER, AND HMA BINDER COURSE.
5. CONSTRUCT DRIVEWAY PAVEMENTS, SIDEWALK, AND BEGIN PARKWAY RESTORATION.

PROJECT COMPLETION

1. COMPLETE HOT-MIX ASPHALT SURFACE COURSE.
2. INSTALL REQUIRED PAVEMENT MARKINGS.
3. COMPLETE PARKWAY RESTORATION.
4. COMPLETE PUNCH LIST ITEMS.
5. REMOVE TEMPORARY EROSION CONTROL ONCE SOD ESTABLISHES

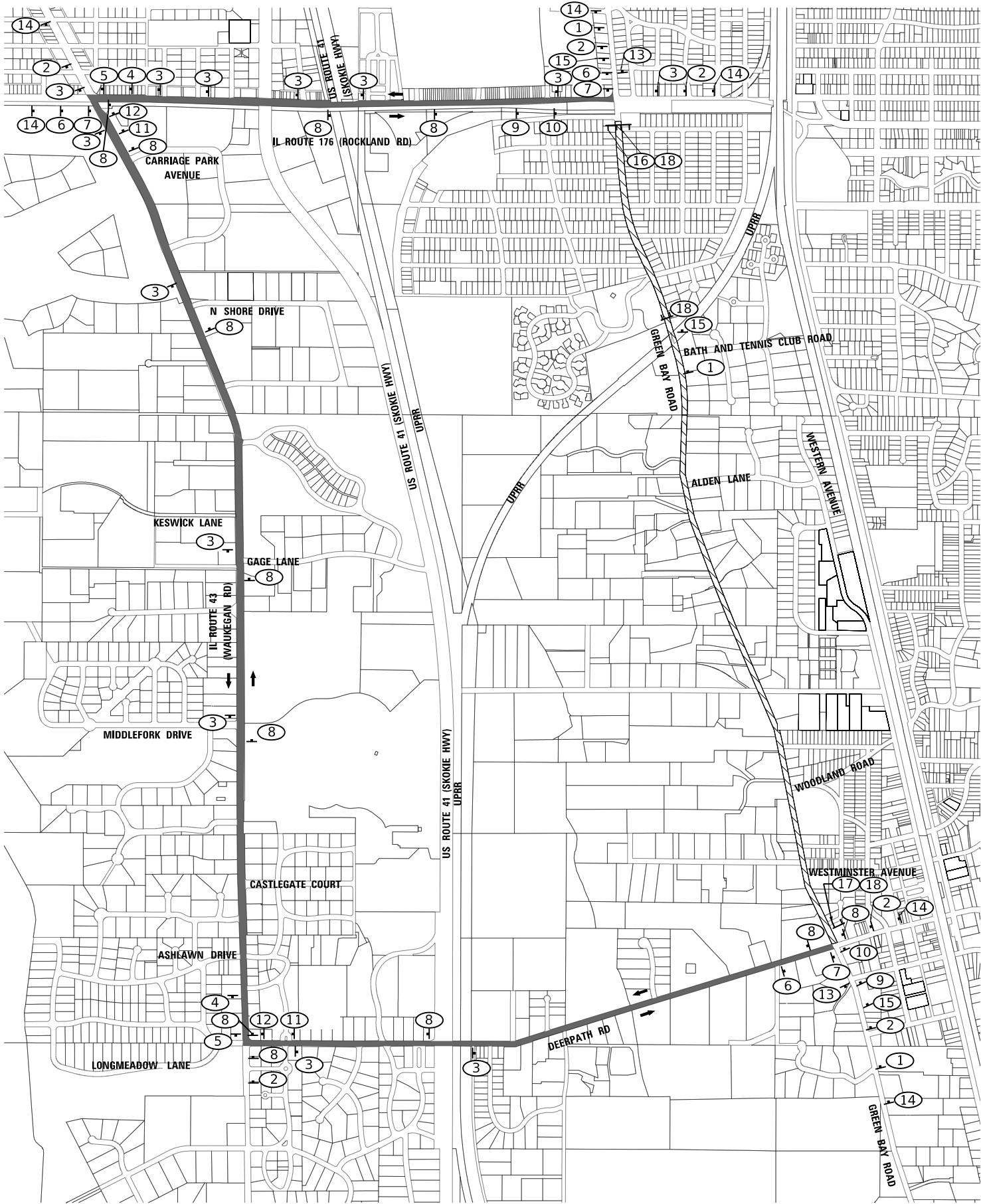
TYPICAL DETOUR SIGN SPACING



MAINTENANCE OF TRAFFIC DETOUR PLAN NOTES:

1. REFER TO DISTRICT DETAIL TC-21 FOR TYPICAL SIGN LAYOUT AND SPACING.
2. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
3. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
4. THE CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE AND LOCAL TRAFFIC DURING THE CONSTRUCTION OF GREEN BAY ROAD. THE COST FOR MAINTAINING ACCESS ON GREEN BAY ROAD SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
5. THE CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO ALL ENTRANCES DURING THE CONSTRUCTION OF GREEN BAY ROAD. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE) AND TEMPORARY ACCESS (COMMERCIAL ENTRANCE), TEMPORARY ACCESS (ROAD).

BAXTER & WOODMAN Consulting Engineers	USER NAME = jmilller	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC GENERAL NOTES AND SEQUENCE OF CONSTRUCTION				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KAR	REVISED -										
	PLOT SCALE = 40,0000 ' / in.	CHECKED - DJS	REVISED -										
	PLOT DATE = 10/28/2025	DATE - 10/28/2025	FILE - 180840-S54-SHT-MOT-Detour_Notes.dgn										
					SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.		CONTRACT NO. 61M08			
										ILLINOIS	FED. AID PROJECT	5AB9(96.1)	



LEGEND

- DIRECTION OF TRAFFIC
- SIGN
- TYPE III BARRICADE
- DETOUR ROUTE
- ROAD CLOSED TO THROUGH TRAFFIC

NOTES:
DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) EXCEPT AS OTHERWISE NOTED.

THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.

SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.

TEMPORARY TRAFFIC SIGNAL TIMING TO BE ENACTED ALONG THE DETOUR ROUTE AT THE FOLLOWING TRAFFIC SIGNALS:
IL 176 ROCKLAND ROAD AT GREEN BAY ROAD
IL 176 ROCKLAND ROAD AT SKOKIE VALLEY ROAD
IL 176 ROCKLAND ROAD AT SHAGBARK ROAD
IL 176 ROCKLAND ROAD AT IL 43 WAUKEGAN ROAD
IL 43 WAUKEGAN ROAD AT KNOLLWOOD ROAD
IL 43 WAUKEGAN ROAD AT WESTMORLAND ROAD
IL 43 WAUKEGAN ROAD AT DEERPATH ROAD

ARTERIAL ROAD INFORMATION SIGN
FOR ROADS TO BE FULLY CLOSED
AND DETOURED SHALL BE PAID FOR
AS TEMPORARY INFORMATION SIGNING.
ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT.



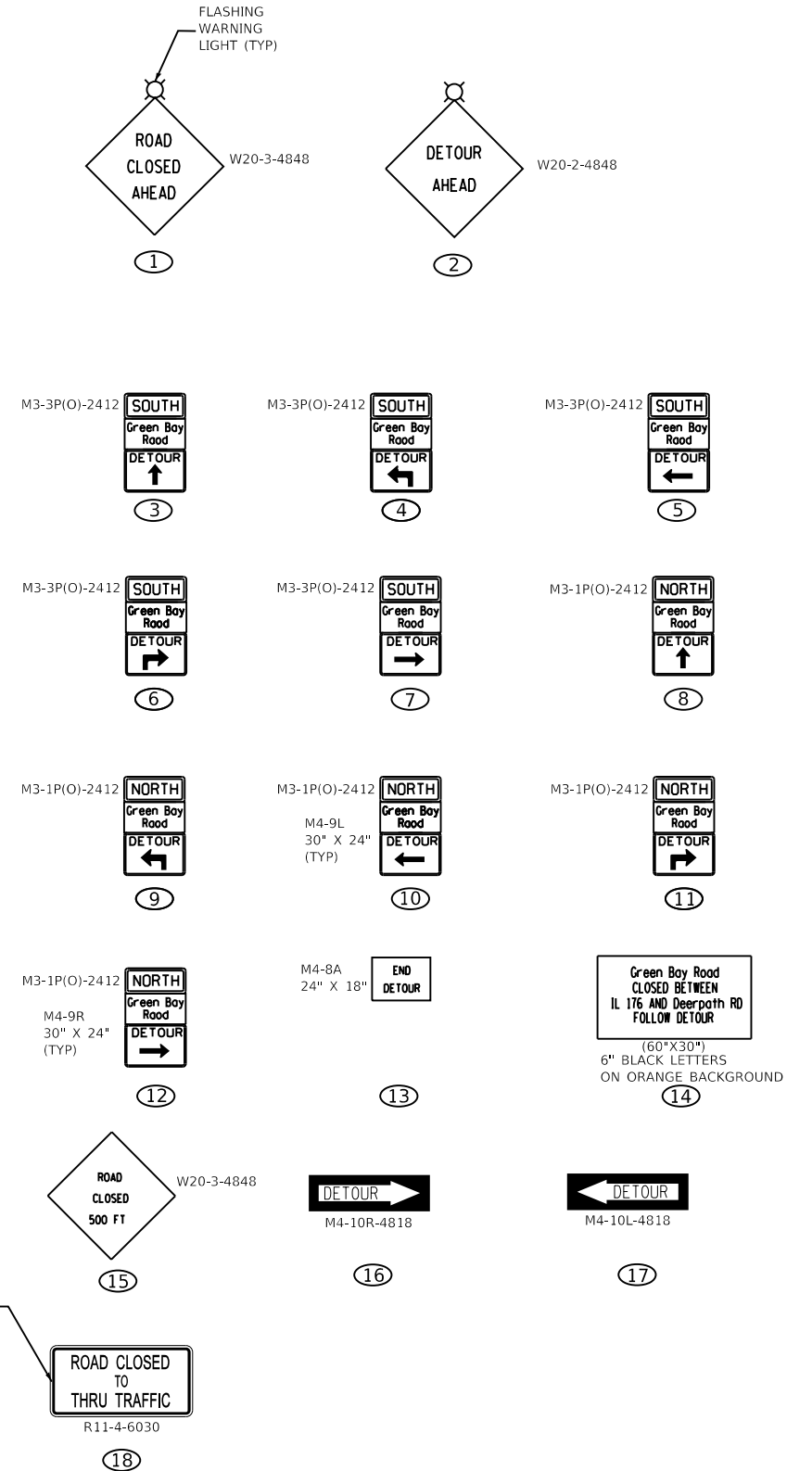
- OVERLAY PANEL 1 TO CONTAIN STARTING DATE OF FULL CLOSURE AND DETOUR IMPLEMENTATION. (i.e. "FROM APR 2")
- OVERLAY PANEL 2 TO CONTAIN ENDING MONTH OF FULL CLOSURE & DETOUR (i.e. "THRU JULY") OMIT THE DATE ON PANEL 2 ; MONTH ONLY.

ERECT SIGN ASSEMBLY (POST-MOUNTED WITH PANELS 1 AND 2) IN PLACE ON ROAD TO BE CLOSED IN EACH DIRECTION NEAR POINT OF CLOSURE OR WITHIN SECTION TO BE FULLY CLOSED TWO (2) WEEKS PRIOR TO START DATE OF FULL CLOSURE. REMOVAL ASSEMBLY AFTER CLOSURE.

* REFER TO DISTRICT DETAIL TC-21 FOR TYPICAL SIGN SPACING

TEMPORARY INFORMATION SIGN DETAIL

SIGN DETAILS



BAXTER & WOODMAN Consulting Engineers	USER NAME = jtmiller	DESIGNED - SAM	REVISED -
		DRAWN - KAR	REVISED -
	PLOT SCALE = 1600,0000 ' / in.	CHECKED - DJS	REVISED -
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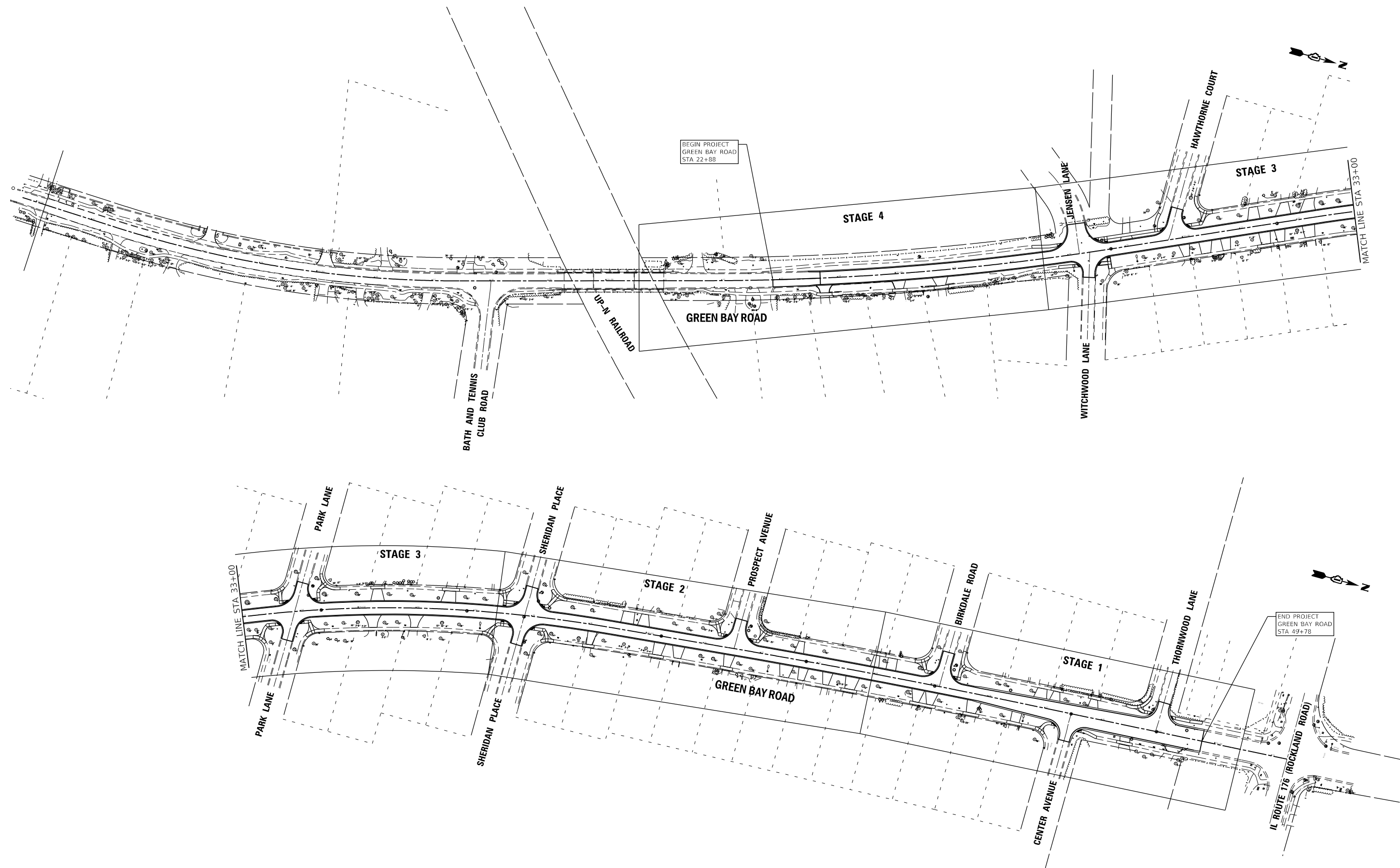
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETOUR PLAN

SCALE: 1" = 500' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	31
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				


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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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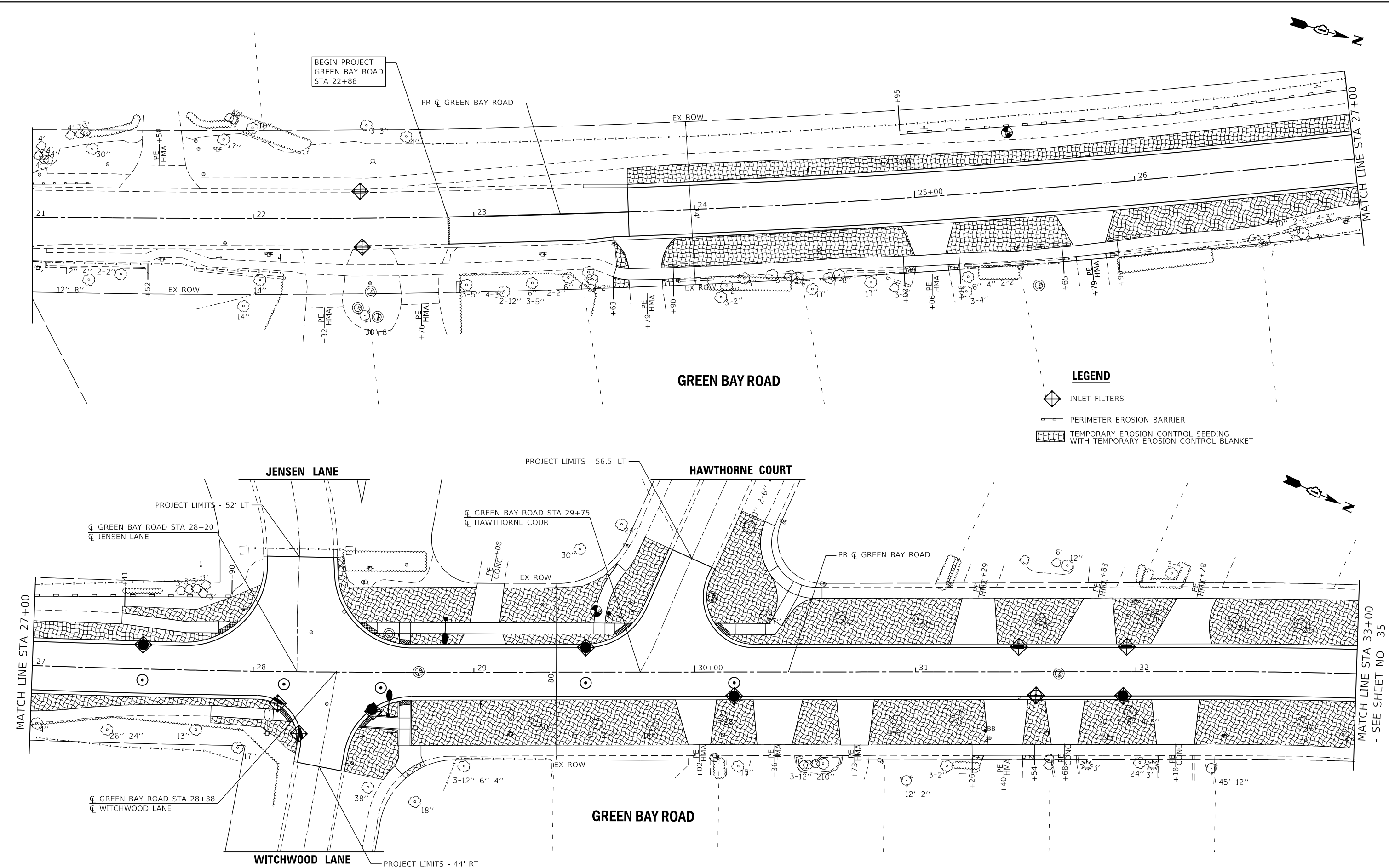
	USER NAME = jmilller	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD CONSTRUCTION SEQUENCING PLAN					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 160,0000 ' / in.	DRAWN - KAR	REVISED -							2711	18-00039-00-PV	LAKE	84	32
	PLOT DATE = 10/28/2025	CHECKED - DJS	REVISED -		CONTRACT NO. 61M08									
	FILE - 180840-S54-SHT-ConstSequence.dgn	DATE - 10/28/2025	FILE - 180840-S54-SHT-ConstSequence.dgn											
				SCALE: 1" = 80'	SHEET 1 OF 1 SHEETS	STA. 9+75 TO STA. 51+50	ILLINOIS FED. AID PROJECT 5AB9(96.1)							

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN Consulting Engineers	USER NAME = jmilller		DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD EROSION AND SEDIMENT CONTROL PLAN					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - KAR		CHECKED - DJS	REVISED -							2711	18-00039-00-PV	LAKE	84	34
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	PLOT DATE = 10/28/2025										ILLINOIS FED. AID PROJECT 5AB9(961)				
		SCALE: 1" = 20'				SHEET 1 OF 3 SHEETS			STA. 21+00 TO STA. 33+00						

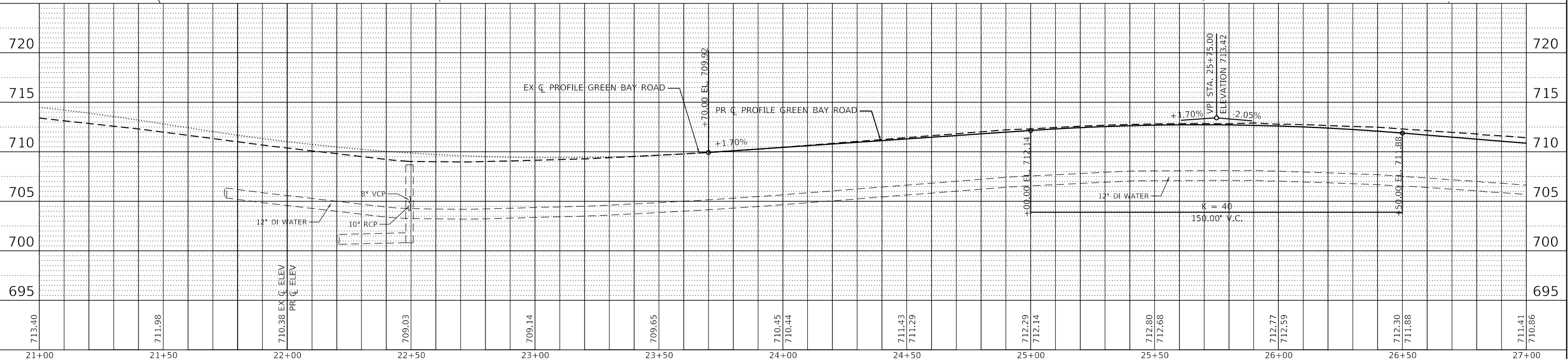
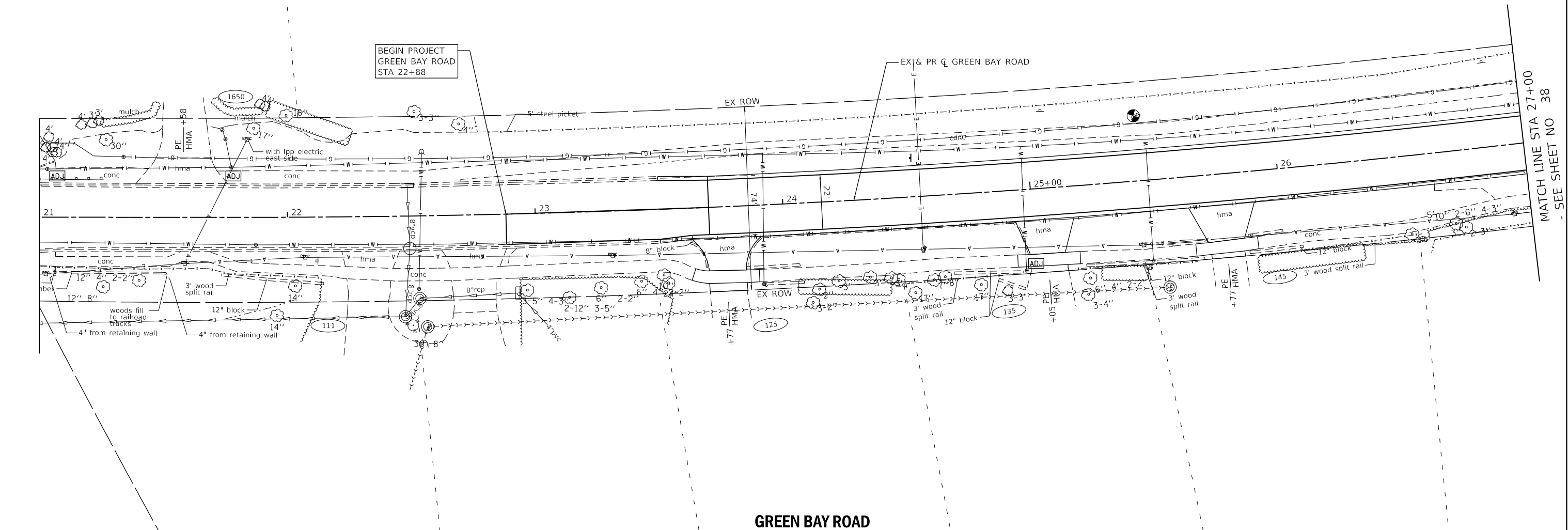


FILE NAME: 180840-5S4-SHT-EROS-3.dgn BAXTER & WOODMAN Consulting Engineers	USER NAME = jmillr	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD EROSION AND SEDIMENT CONTROL PLAN					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	DATE - 10/28/2025	FILE - 180840-5S4-SHT-EROS-3.dgn	SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 33+00 TO STA. 43+00											
					ILLINOIS FED. AID PROJECT 5AB91961									

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

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

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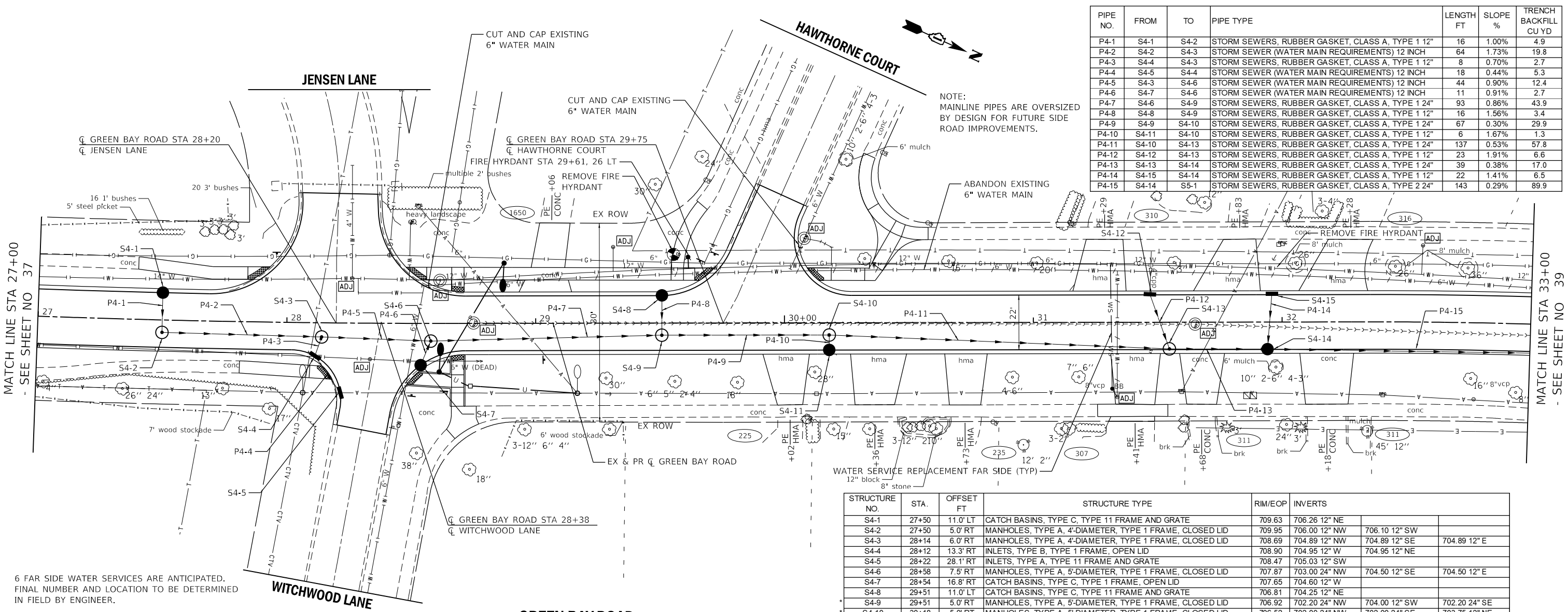


BAXTER & WOODMAN Consulting Engineers	USER NAME = jmillr	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD DRAINAGE AND UTILITY					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KAR	REVISED -							2711	18-00039-00-PV	LAKE	84	37
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	PLOT DATE = 10/28/2025	DATE = 10/28/2025	FILE = 180840-SS4-SHT-Drain-3.dgn		SCALE: 1" = 20'	SHEET 1 OF 6 SHEETS	STA. 21+00 TO STA. 27+00	ILLINOIS FED. AID PROJECT 5AB9(961)						

PLAN	DATE
SURVIVED	BY
ALIGNED	DATE
NOTED	DATE
NO.	DATE

PROFILE	DATE
SURVIVED	BY
ALIGNED	DATE
NOTED	DATE
NO.	DATE

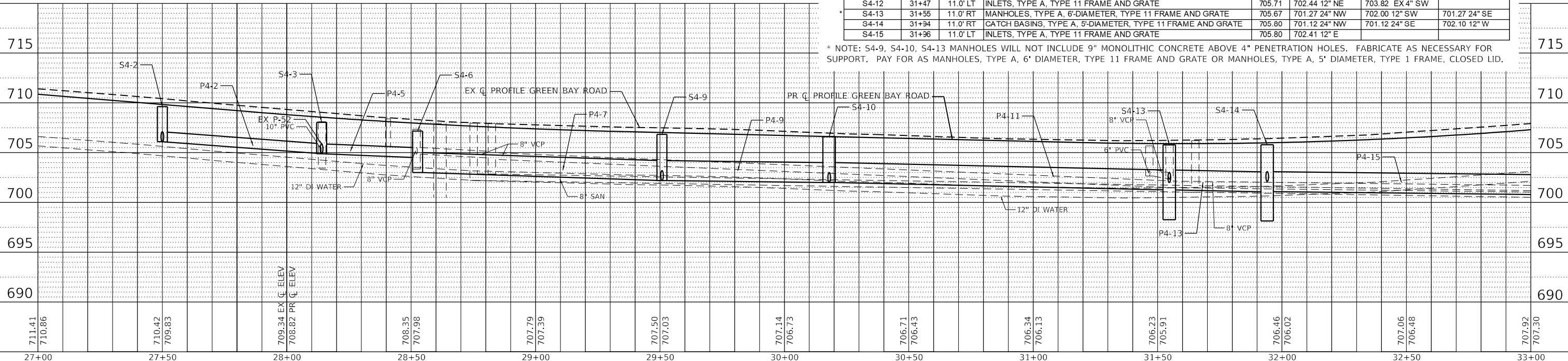
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PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P4-1	S4-1	S4-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	16	1.00%	4.9
P4-2	S4-2	S4-3	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	64	1.73%	19.8
P4-3	S4-4	S4-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	8	0.70%	2.7
P4-4	S4-5	S4-4	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	18	0.44%	5.3
P4-5	S4-3	S4-6	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	44	0.90%	12.4
P4-6	S4-7	S4-6	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	11	0.91%	2.7
P4-7	S4-6	S4-9	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	93	0.86%	43.9
P4-8	S4-8	S4-9	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	16	1.56%	3.4
P4-9	S4-9	S4-10	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	67	0.30%	29.9
P4-10	S4-11	S4-10	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	6	1.67%	1.3
P4-11	S4-10	S4-13	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	137	0.53%	57.8
P4-12	S4-12	S4-13	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	23	1.91%	6.6
P4-13	S4-13	S4-14	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	39	0.38%	17.0
P4-14	S4-15	S4-14	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	22	1.41%	6.5
P4-15	S4-14	S5-1	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	143	0.29%	89.9

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS		
S4-1	27+50	11.0' LT	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	709.63	706.26 12" NE		
S4-2	27+50	5.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	709.95	706.00 12" NW	706.10 12" SW	
S4-3	28+14	6.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	708.69	704.89 12" NW	704.89 12" SE	704.89 12" E
S4-4	28+12	13.3' RT	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	708.90	704.95 12" W	704.95 12" NE	
S4-5	28+22	28.1' RT	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	708.47	705.03 12" SW		
S4-6	28+58	7.5' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	707.87	703.00 24" NW	704.50 12" SE	704.50 12" E
S4-7	28+54	16.8' RT	CATCH BASINS, TYPE C, TYPE 11 FRAME, OPEN LID	707.65	704.60 12" W		
S4-8	29+51	11.0' LT	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	706.81	704.25 12" NE		
S4-9	29+51	5.0' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	706.92	702.20 24" NW	704.00 12" SW	702.20 24" SE
S4-10	30+18	5.0' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	706.52	702.00 24" NW	702.00 24" SE	703.75 12" NE
S4-11	30+18	11.0' RT	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	706.40	703.85 12" SW		
S4-12	31+47	11.0' LT	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	705.71	702.44 12" NE	703.82 EX 4" SW	
S4-13	31+55	11.0' RT	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 11 FRAME AND GRATE	705.67	701.27 24" NW	702.00 12" SW	701.27 24" SE
S4-14	31+94	11.0' RT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	705.80	701.12 24" NW	701.12 24" SE	702.10 12" W
S4-15	31+96	11.0' LT	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	705.80	702.41 12" E		

* NOTE: S4-9, S4-10, S4-13 MANHOLES WILL NOT INCLUDE 9" MONOLITHIC CONCRETE ABOVE 4" PENETRATION HOLES. FABRICATE AS NECESSARY FOR SUPPORT. PAY FOR AS MANHOLES, TYPE A, 6' DIAMETER, TYPE 11 FRAME AND GRATE OR MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID.



BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmillier
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 10/28/2025

DESIGNED - SAM
DRAWN - KAR
CHECKED - DJS
DATE - 10/28/2025

REVISED -
REVISED -
REVISED -
FILE - 180840-S54-SHT-Drain-4.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

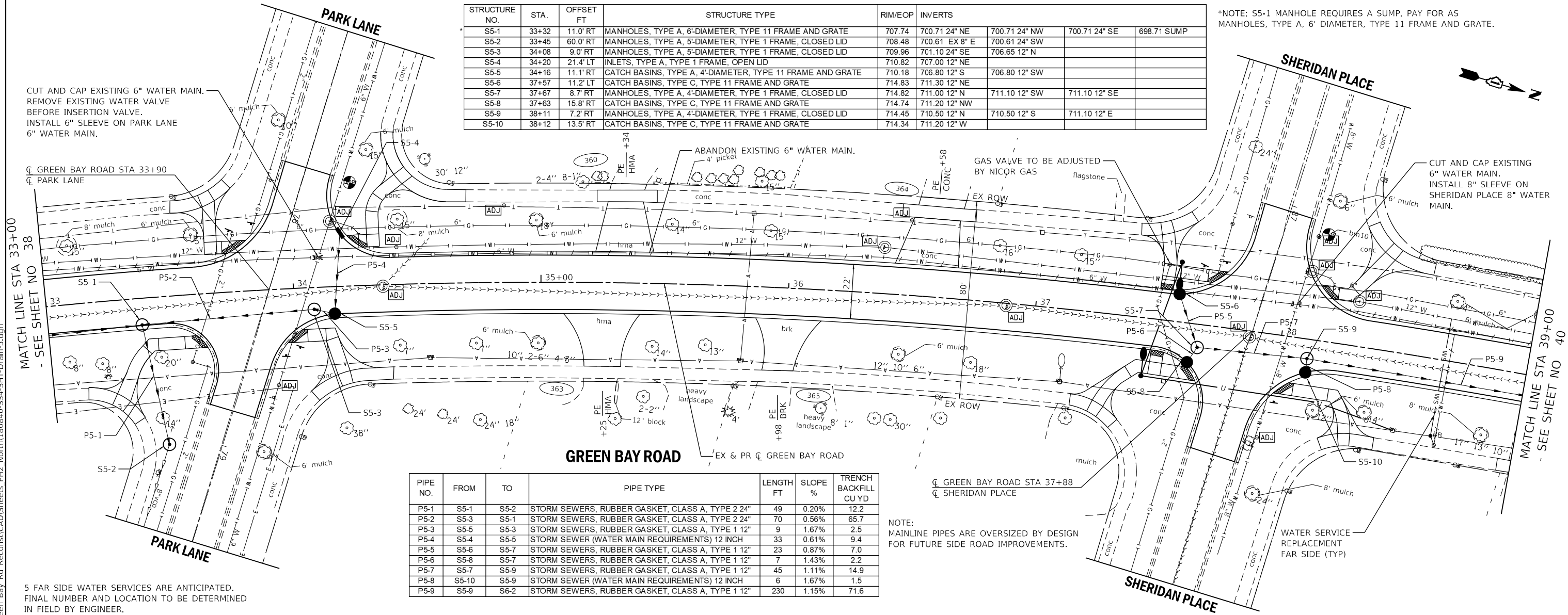
GREEN BAY ROAD
DRAINAGE AND UTILITY

SCALE: 1" = 20'	SHEET 2 OF 6 SHEETS	STA. 27+00 TO STA. 33+00
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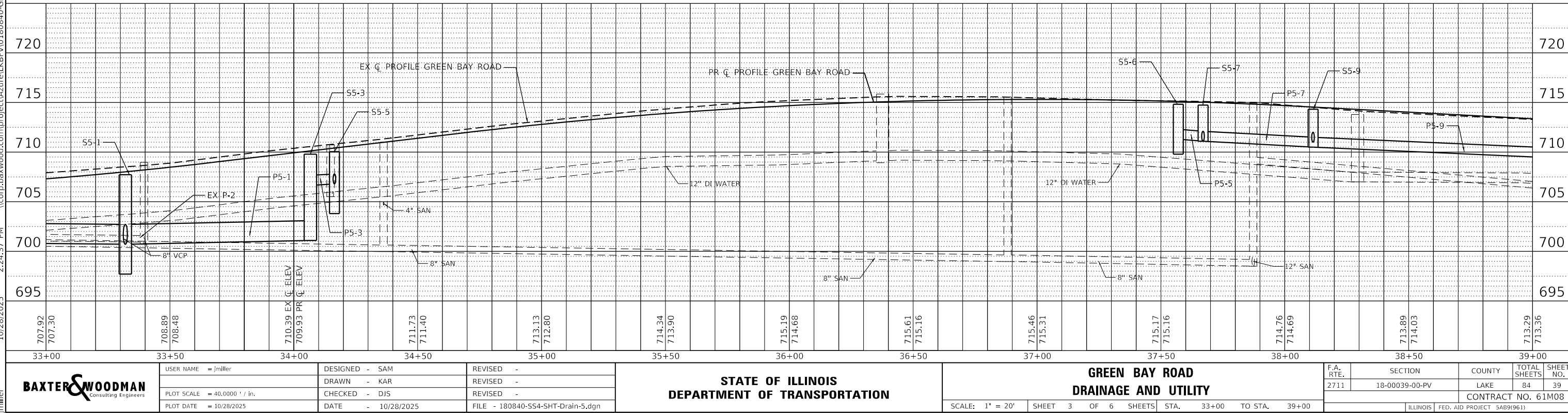
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	38
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTAT'NS CHKD _____		

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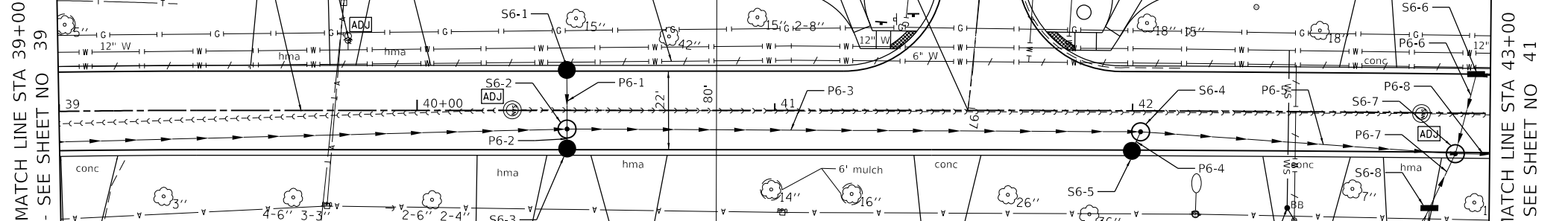


PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P5-1	S5-1	S5-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	49	0.20%	12.2
P5-2	S5-3	S5-1	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	70	0.56%	65.7
P5-3	S5-5	S5-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	9	1.67%	2.5
P5-4	S5-4	S5-5	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	33	0.61%	9.4
P5-5	S5-6	S5-7	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	23	0.87%	7.0
P5-6	S5-8	S5-7	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	7	1.43%	2.2
P5-7	S5-7	S5-9	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	45	1.11%	14.9
P5-8	S5-10	S5-9	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	6	1.67%	1.5
P5-9	S5-9	S6-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	230	1.15%	71.6



PROFILE		BY	DATE
SURVEYED _____			
PLOTTED _____			
NOTE BOOK _____			
GRADES CHECKED _____			
B.M. NOTED _____			
STRUCTURE NOTAT'NS CHKD _____			

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P6-1	S6-1	S6-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 1/2"	17	1.18%	4.8
P6-2	S6-3	S6-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 1/2"	5	1.00%	1.4
P6-3	S6-2	S6-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 1/8"	160	1.16%	57.9
P6-4	S6-5	S6-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 1/2"	6	1.67%	1.6
P6-5	S6-4	S6-7	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 1/4"	88	0.81%	41.6
P6-6	S6-6	S6-7	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 1/2"	23	1.30%	6.6
P6-7	S6-8	S6-7	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 1/2"	17	1.18%	7.1
P6-8	S6-7	S7-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 1/4"	16	0.50%	8.2

NOTE:
MAINLINE PIPES ARE OVERSIZED
BY DESIGN FOR FUTURE SIDE
ROAD IMPROVEMENTS.

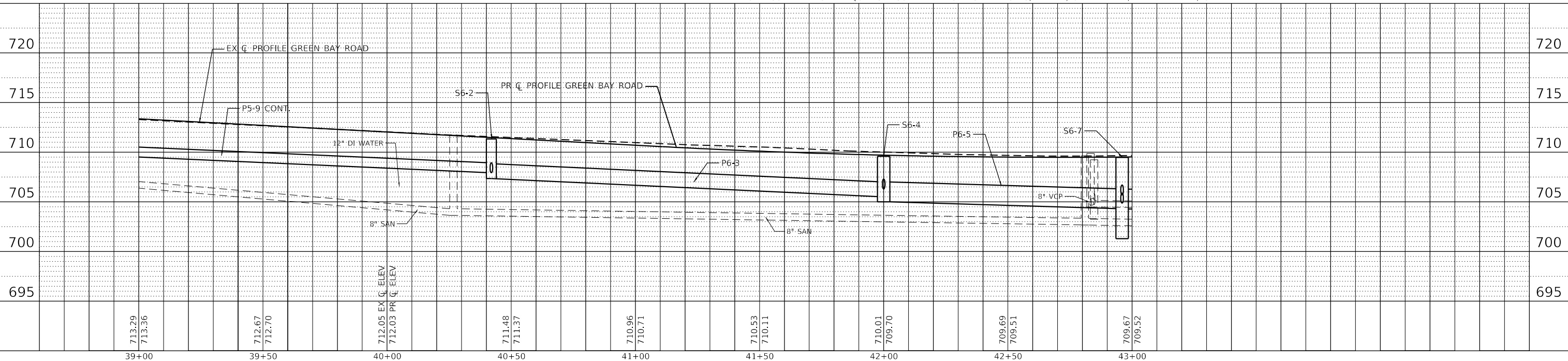
STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS				
S6-1	40+42	11.0' LT	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	711.25	708.00 12" E				
S6-2	40+42	5.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	711.32	707.35 18" N	707.80 12" W	707.95 12" S	707.85 12" E	
S6-3	40+42	11.0' RT	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	711.25	708.00 12" W				
S6-4	42+02	5.6' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	709.59	705.00 24" N	705.50 18" S	706.30 12" SE		
S6-5	42+00	11.0' RT	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	709.48	706.40 12" NW				
S6-6	42+96	11.0' LT	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	709.30	706.00 12" SE	706.10 12" N			
S6-7	42+90	11.0' RT	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	709.30	704.29 24" N	704.80 12" SE	704.29 24" S	705.70 12" W	702.29 SUMP
S6-8	42+83	26.3' RT	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	709.87	705.00 12" NW	706.27 EX 4" E	705.32 EX 4" SE		

* NOTE: S6-4 MANHOLE WILL NOT INCLUDE 9" MONOLITHIC CONCRETE ABOVE 4" PENETRATION HOLE. FABRICATE AS NECESSARY FOR SUPPORT. PAY FOR AS MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID.

*** NOTE: S6-7 MANHOLE REQUIRES A SUMP. PAY FOR AS MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, OPEN LID.

5 FAR SIDE WATER SERVICES ARE ANTICIPATED.
FINAL NUMBER AND LOCATION TO BE DETERMINED
IN FIELD BY ENGINEER.

GREEN BAY ROAD



BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmiller	DESIGNED - SAM	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - DJS	REVISED -
PLOT DATE = 10/28/2025	DATE - 10/28/2025	FILE - 180840-SS4-SHT-Drain-6.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GREEN BAY ROAD DRAINAGE AND UTILITY

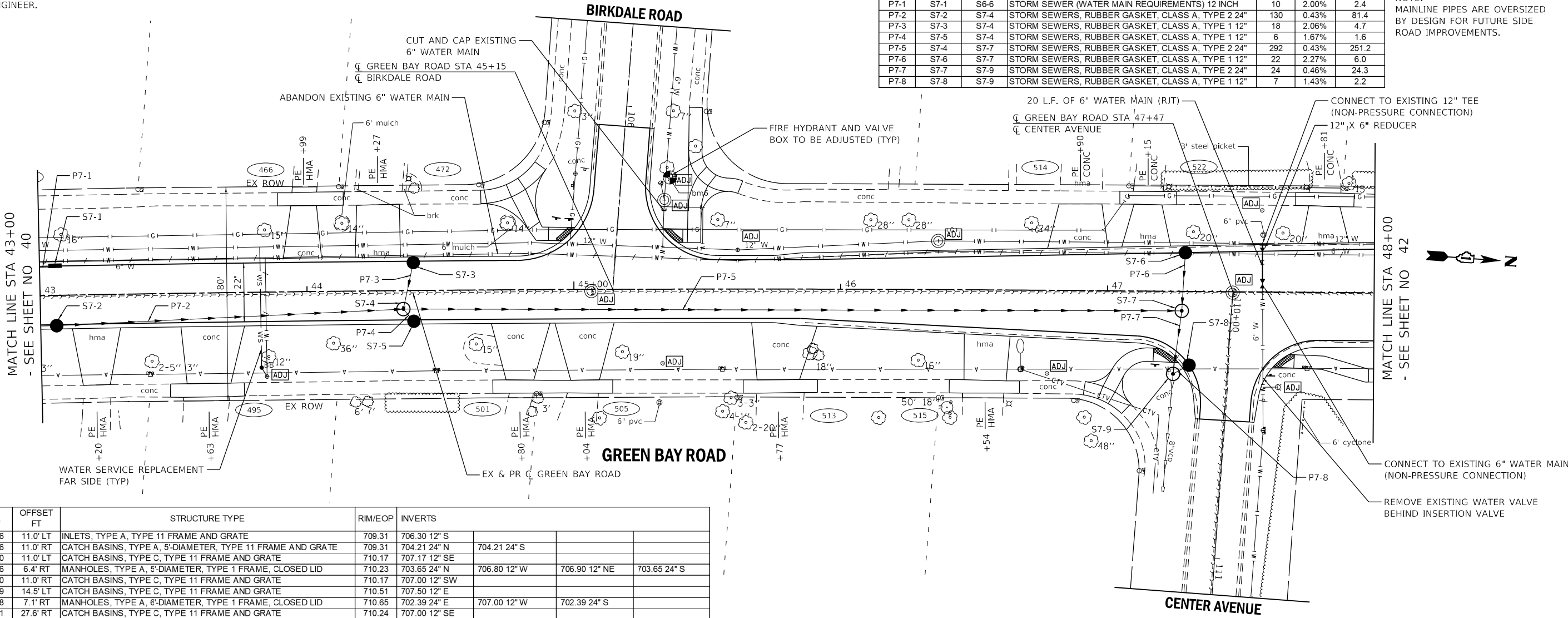
SCALE: 1" = 20'	SHEET 4 OF 6 SHEETS	STA. 39+00 TO STA. 43+00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	40
		CONTRACT NO. 61M08		
ILLINOIS		FED. AID PROJECT 5A89(961)		

PLAN	DATE
SURVIVED	BY
PLOTTED	
ALIGNMENT CHECKED	
NOTE BOOK	
NO.	
CADD FILE NAME	

PROFILE	DATE
SURVIVED	BY
PLOTTED	
GRADES CHECKED	
NO.	
STRUCTURE NOTATION CIRCO	

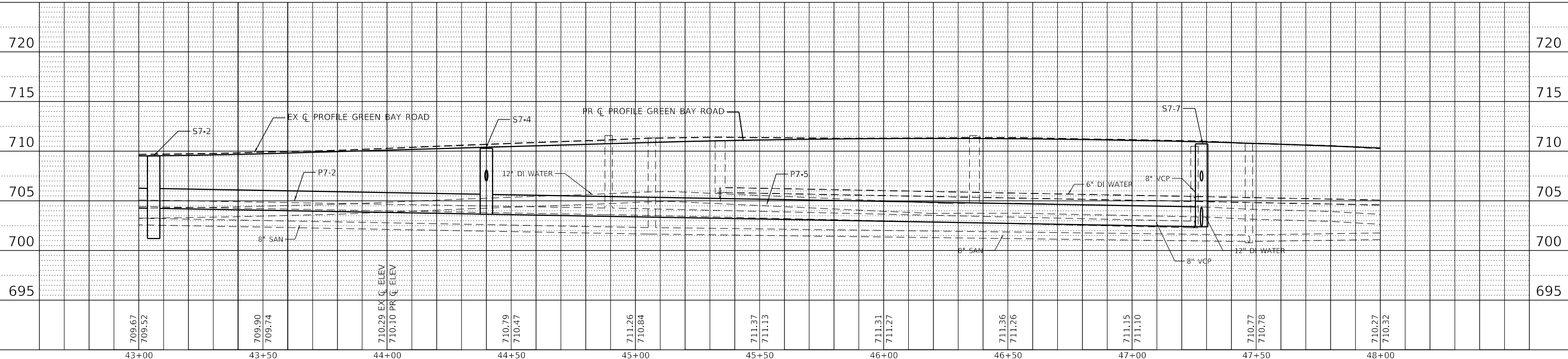
6 FAR SIDE WATER SERVICES ARE ANTICIPATED.
FINAL NUMBER AND LOCATION TO BE DETERMINED
IN FIELD BY ENGINEER.



PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P7-1	S7-1	S6-6	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	10	2.00%	2.4
P7-2	S7-2	S7-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	130	0.43%	81.4
P7-3	S7-3	S7-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	18	2.06%	4.7
P7-4	S7-5	S7-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	6	1.67%	1.6
P7-5	S7-4	S7-7	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	292	0.43%	251.2
P7-6	S7-6	S7-7	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	22	2.27%	6.0
P7-7	S7-7	S7-9	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	24	0.46%	24.3
P7-8	S7-8	S7-9	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	7	1.43%	2.2

NOTE:
MAINLINE PIPES ARE OVERSIZED
BY DESIGN FOR FUTURE SIDE
ROAD IMPROVEMENTS.

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS			
S7-1	43+06	11.0' LT	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	709.31	706.30 12" S			
S7-2	43+06	11.0' RT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	709.31	704.21 24" N	704.21 24" S		
S7-3	44+40	11.0' LT	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	710.17	707.17 12" SE			
S7-4	44+36	6.4' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	710.23	703.65 24" N	706.80 12" W	706.90 12" NE	703.65 24" S
S7-5	44+40	11.0' RT	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	710.17	707.00 12" SW			
S7-6	47+29	14.5' LT	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	710.51	707.50 12" E			
S7-7	47+28	7.1' RT	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	710.65	702.39 24" E	707.00 12" W	702.39 24" S	
S7-8	47+31	27.6' RT	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	710.24	707.00 12" SE			
S7-9	47+25	30.7' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	710.90	702.28 EX 8" E	702.28 24" W	706.90 12" NW	



BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmillier
DESIGNED - SAM
DRAWN - KAR
PLOT SCALE = 40,0000 ' / in.
CHECKED - DJS
PLOT DATE = 11/4/2025
DATE - 11/4/2025

DESIGNED - SAM
DRAWN - KAR
CHECKED - DJS
DATE - 11/4/2025

REVISED -
REVISED -
REVISED -
FILE - 180840-SS4-SHT-Drain-7.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

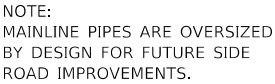
GREEN BAY ROAD
DRAINAGE AND UTILITY

SCALE: 1" = 20'
SHEET 5 OF 6 SHEETS
STA. 43+00 TO STA. 48+00

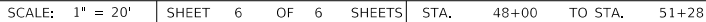
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	41
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

PROFILE		BY	DATE
SURVEYED _____			
PLOTTED _____			
NOTE BOOK _____			
GRADES CHECKED _____			
B.M. NOTED _____			
STRUCTURE NOTAT'NS CHKD _____			

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2026
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PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P8-1	S8-2	S8-1	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	41	0.93%	10.7
P8-2	S8-1	S8-3	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	85	0.82%	22.6
P8-3	S8-4	S8-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	13	2.46%	3.2
P8-4	S8-5	S8-4	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	10	1.50%	2.4
P8-5	S8-6	S8-4	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	36	1.89%	10.7
P8-6	S8-7	S8-6	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	10	1.50%	2.5

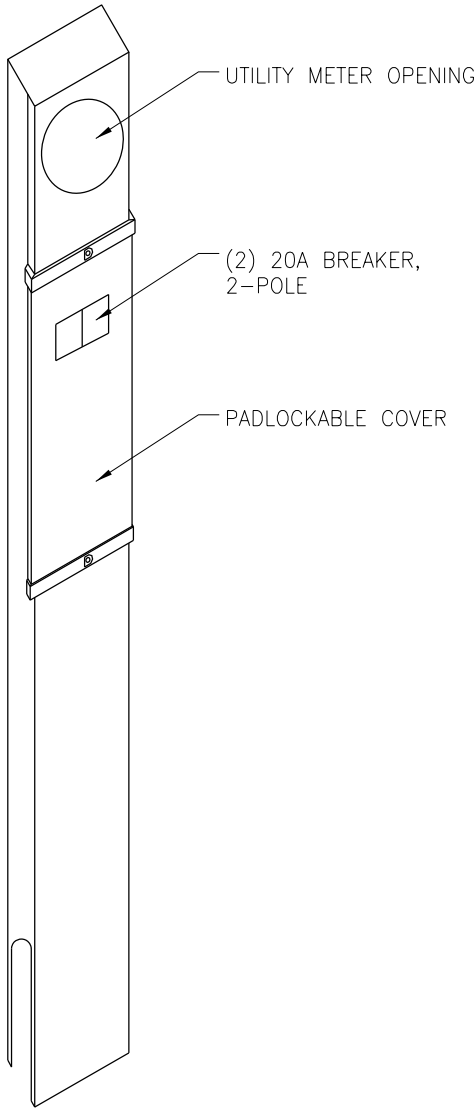


BAXTER & WOODMAN Consulting Engineers	USER NAME = j'miller	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD DRAINAGE AND UTILITY					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.	DRAWN - KAR	REVISED -		2711	18-00039-00-PV	LAKE	84	42					
	PLOT DATE = 10/28/2025	CHECKED - DJS	REVISED -		CONTRACT NO. 61M08									
	DATE - 10/28/2025	FILE - 180840-SS4-SHT-Drain-8.dgn	SCALE: 1" = 20'					SHEET 6 OF 6 SHEETS	STA. 48+00 TO STA. 51+28	ILLINOIS FED. AID PROJECT 5AB91961				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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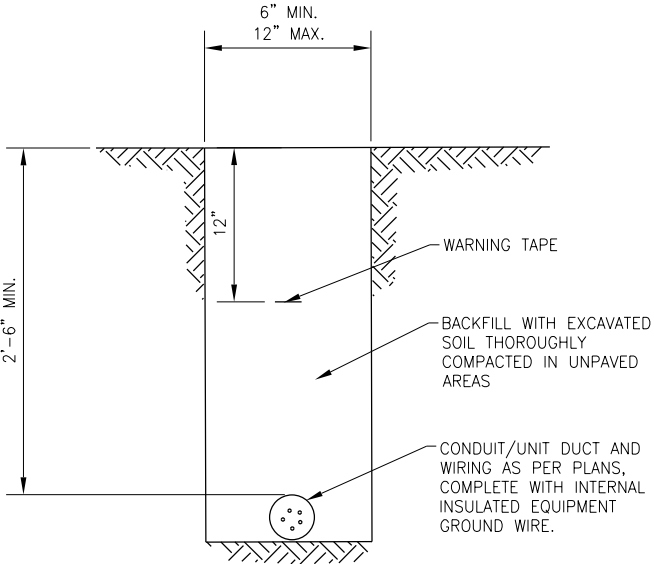
LIGHTING NOTES

1. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123. IT IS THE CONTRACTOR’S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
2. FIELD ADJUSTMENT OF LIGHTING UNIT LOCATIONS TO AVOID CONFLICTS MUST BE APPROVED BY THE VILLAGE AND/OR ENGINEER.
3. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING CONDUITS, CONDUCTORS, AND EQUIPMENT TO REMAIN. ANY ITEMS DAMAGED BY THE CONTRACTOR SHALL REPAIRED AND/OR REPLACED BY THE CONTRACTOR AT NO COST TO THE VILLAGE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
5. ANY TURF AND/OR SOIL DISTURBED THAT CANNOT REMAIN OR BE RE-USED SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEM.
6. ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE VILLAGE AND/OR ENGINEER. THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
7. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
8. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND/OR BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
9. CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
- 10.THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE VILLAGE AND/OR ENGINEER PRIOR TO BACKFILLING.
- 11.THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "UNDERGROUND RACEWAYS". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO BACKFILLING.
- 12.NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE VILLAGE AND/OR ENGINEER.
- 13.ALL CONDUITS UNDER ROADWAYS AND DRIVEWAYS IN TRENCHES SHALL BE INSTALLED BEFORE PAVEMENT IS PLACED. CONDUIT LENGTHS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL LENGTH REQUIREMENTS IN THE FIELD.
- 14.NO UNDERGROUND SPLICES OR SPLICES IN HANDHOLES WILL BE PERMITTED. ELECTRIC HANDHOLES SHALL BE USED FOR THE PURPOSE OF PULLING CABLES ONLY.
- 15.ALL ELECTRICAL DEVICES AND MATERIALS SHALL BE U/L LISTED WHERE APPLICABLE.



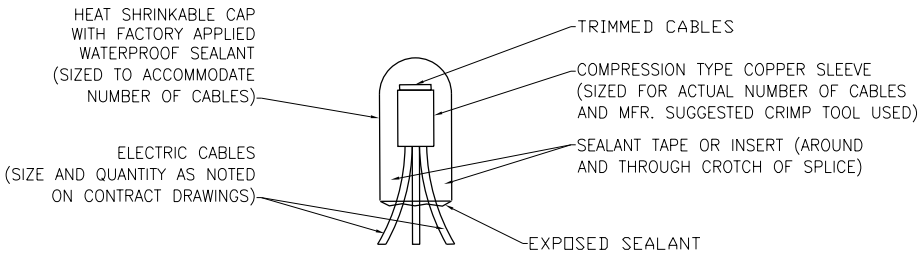
METERED POWER PEDESTAL DETAIL

NO SCALE



TYPICAL WIRING IN TRENCH DETAIL

NO SCALE



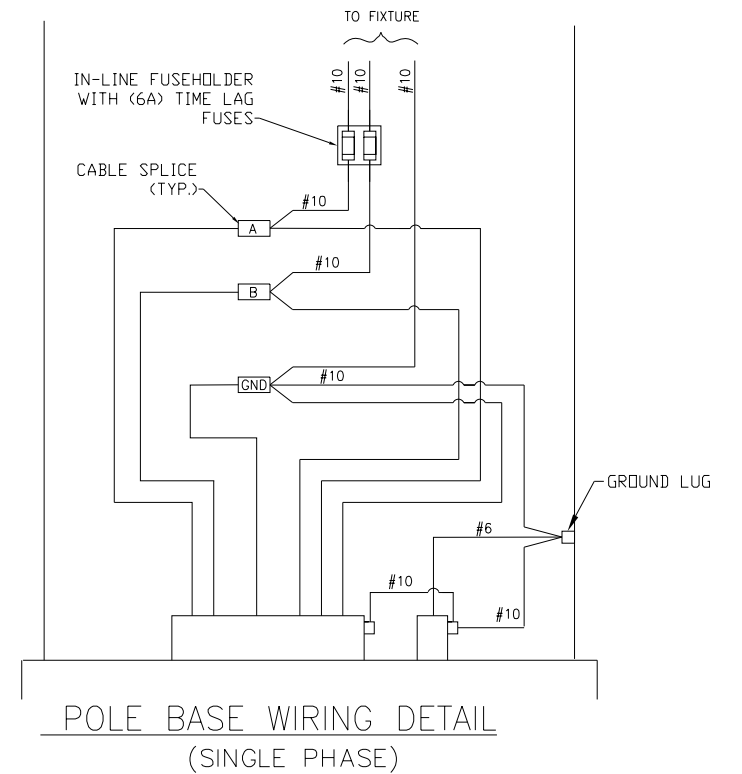
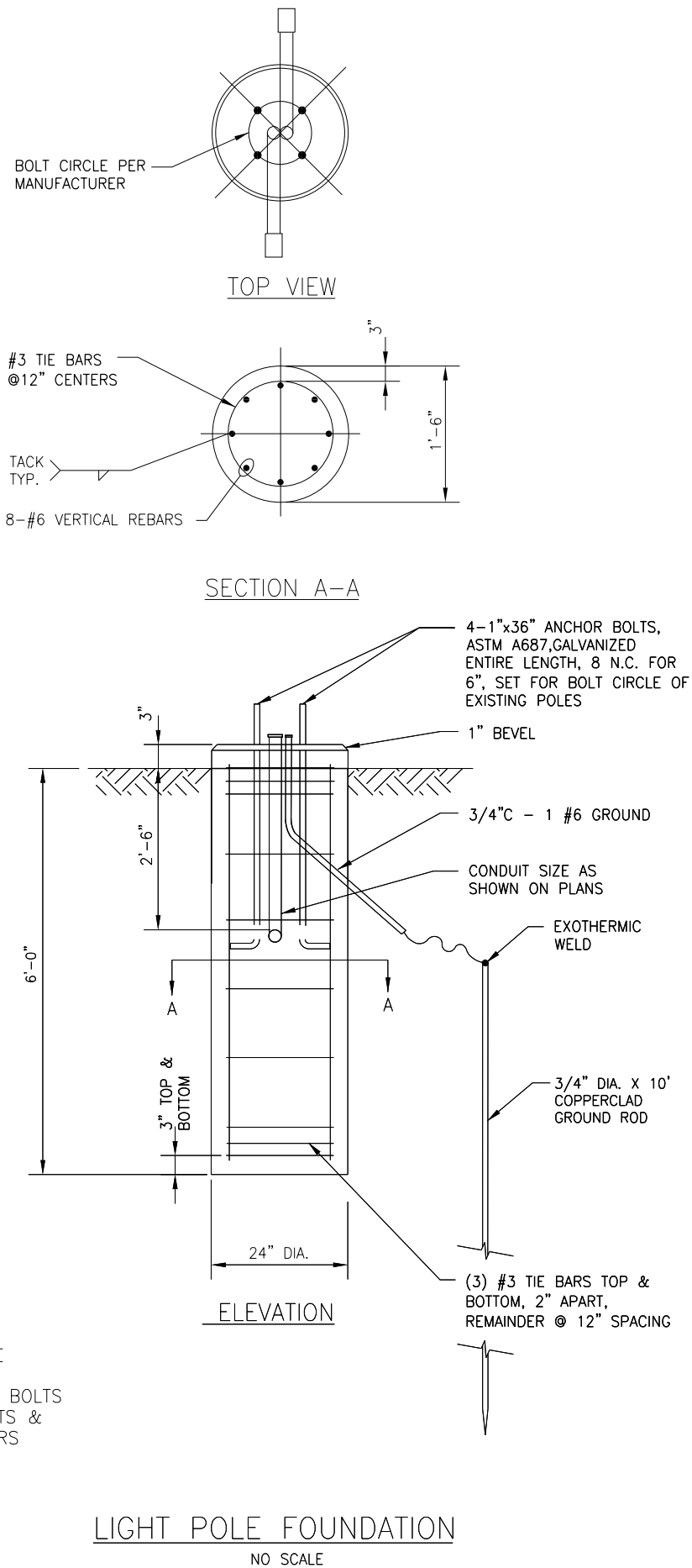
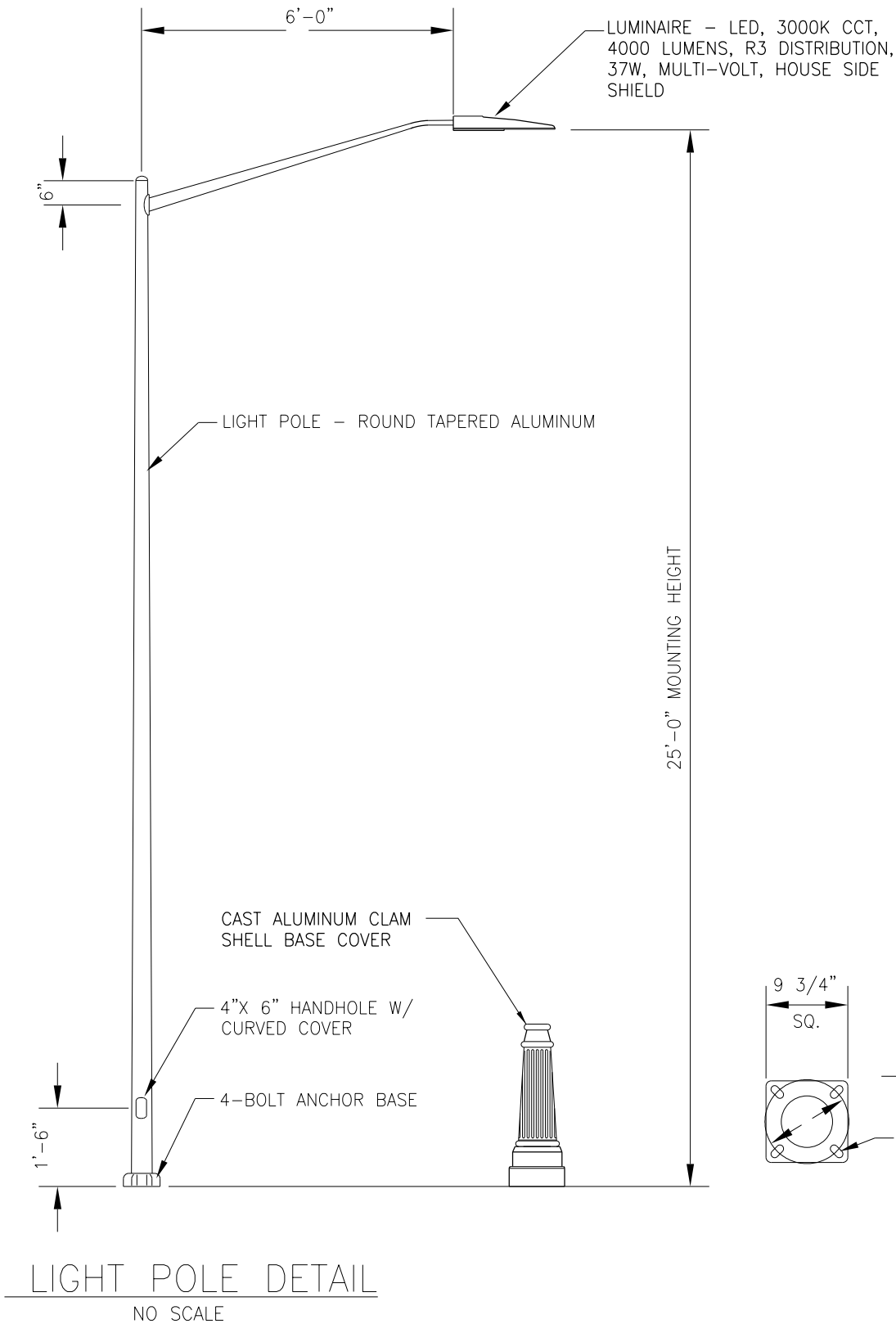
TYPICAL SPLICE DETAIL

NO SCALE

NOTE:
NUMBER OF CABLES IN SPLICE MAY VARY.

	USER NAME = jmiller	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STREET LIGHTING DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - KAR	REVIS	REVISED -					2711	18-00039-00-PV	LAKE	84	44
	PLOT SCALE = 40,0000 ' / in.	CHECKED - DJS	REVISED -					CONTRACT NO. 61M08				
	PLOT DATE = 10/28/2025	DATE - 10/28/2025	FILE - 180840-SS4-SHT-Lighting_Details.dgn					ILLINOIS FED. AID PROJECT 5AB9(961)				
					SCALE: NONE	SHEET 1	OF 2 SHEETS	STA.	TO STA.			

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2026
Jmiller
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NOTES:

1. THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY CENTERED AND SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
2. CONCRETE SHALL BE 3500 PSI AT 14 DAYS (CLASS SI).
3. THE HOLE FOR THE FOUNDATION SHALL BE MADE WITH AN AUGER OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
4. THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 1 INCH.
5. CABLE TRENCHES AND FOUNDATIONS SHALL BE BACKFILLED AND COMPACTED, AND CONCRETE CURED ACCORDING TO APPLICABLE STANDARDS BEFORE LIGHT POLES MAY BE INSTALLED.
6. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE ANCHOR ROD SHALL BE THREADED A MINIMUM OF 6 INCHES WITH A MINIMUM OF 3" OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION AND PROJECT A MINIMUM OF 2 3/4" ABOVE THE TOP OF THE FOUNDATION.
7. RACEWAYS SHALL PROJECT 1" ABOVE THE TOP OF THE FOUNDATION.
8. THE CONTRACTOR MAY USE A #3 SPIRAL AT 6" PITCH OR #3 TIES AT 12" O.C.



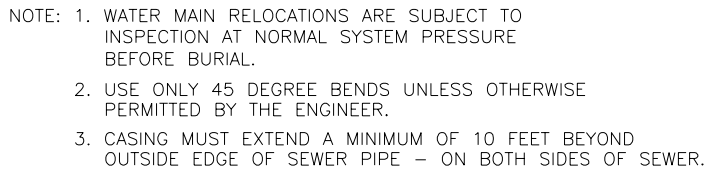
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DRAWN - KAR	REVISED -	
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PLOT DATE = 10/28/2025	DATE - 10/28/2025	FILE - 180840-SS4-SHT-Lighting_Details.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREET LIGHTING DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	45
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5A89(961)				



NO SCALE



1. PROVIDE PRECAST OR CAST-IN-PLACE CONCRETE THRUST BLOCKS OF ADEQUATE SIZE AND THRUST BEARING SURFACE TO PREVENT MOVEMENT OF PIPELINE UNDER PRESSURE.
2. PLACE THE BASE AND THRUST BEARING SIDES OF THRUST BLOCK DIRECTLY AGAINST UNDISTURBED EARTH.
3. PLACE THRUST BLOCKING SO THE FITTING JOINTS WILL BE ACCESSIBLE FOR REPAIR.

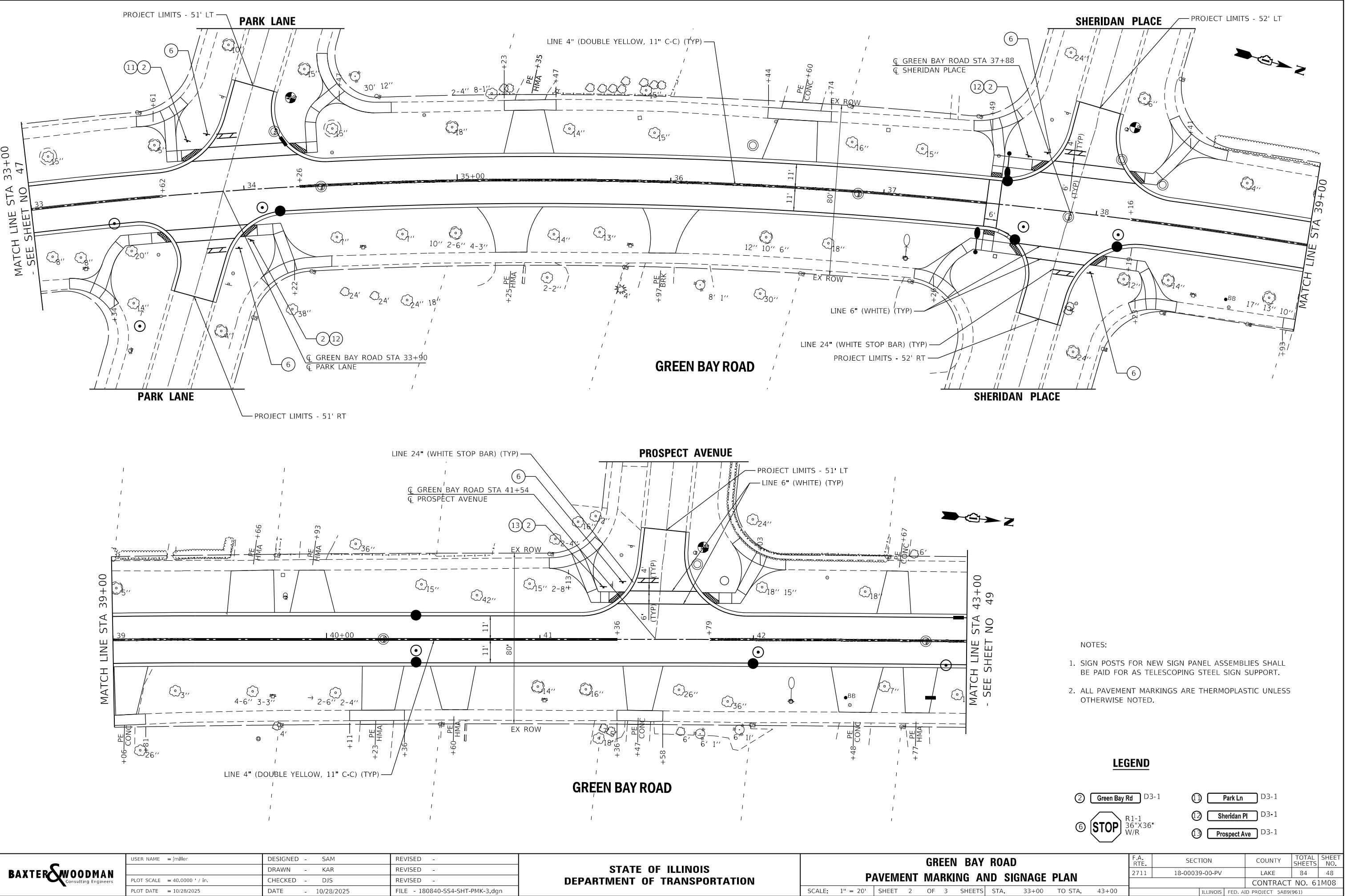
PLANS



SERVICE PIPE	CORP. STOP	CURB STOP	SERVICE BOX
3/4"	3/4"	3/4"	2 1/2"
1"	1"	1"	2 1/2"
1 1/4"	1 1/4"	1 1/4"	3"
1 1/2"	1 1/4" X 1 1/2"	1 1/2"	3"
2"	1 1/2" X 2"	2"	3"

EXISTING WATER SERVICE RECONNECTION DETAIL

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2026
Jmiller
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BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmiller	DESIGNED - SAM	REVISED -
DRAWN - KAR	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED - DJS	REVISED -
PLOT DATE = 10/28/2025	DATE - 10/28/2025	FILE - 180840-SS4-SHT-PMK-3.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD
PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 33+00 TO STA. 43+00

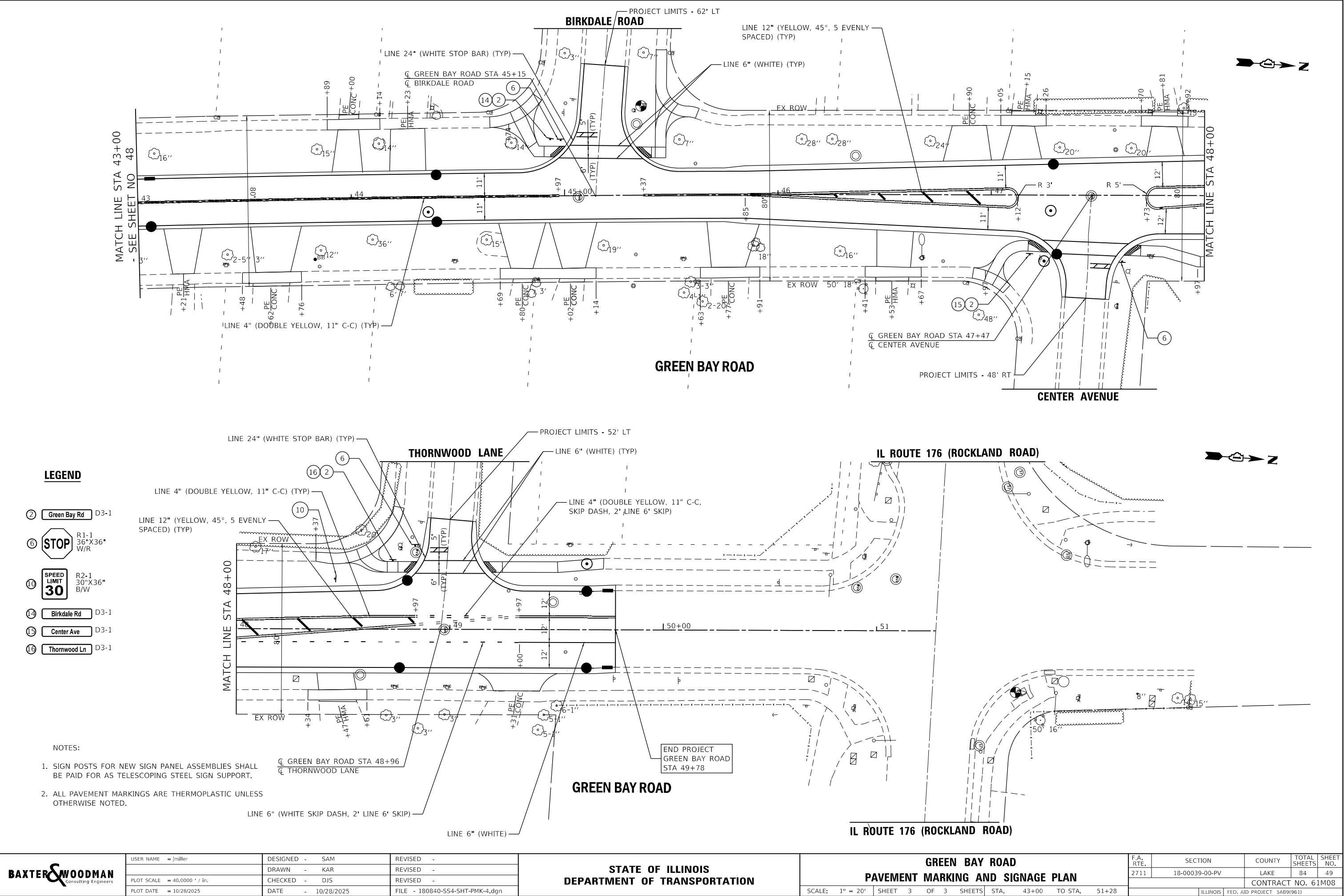
- NOTES:
- SIGN POSTS FOR NEW SIGN PANEL ASSEMBLIES SHALL BE PAID FOR AS TELESCOPING STEEL SIGN SUPPORT.
 - ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OTHERWISE NOTED.

LEGEND

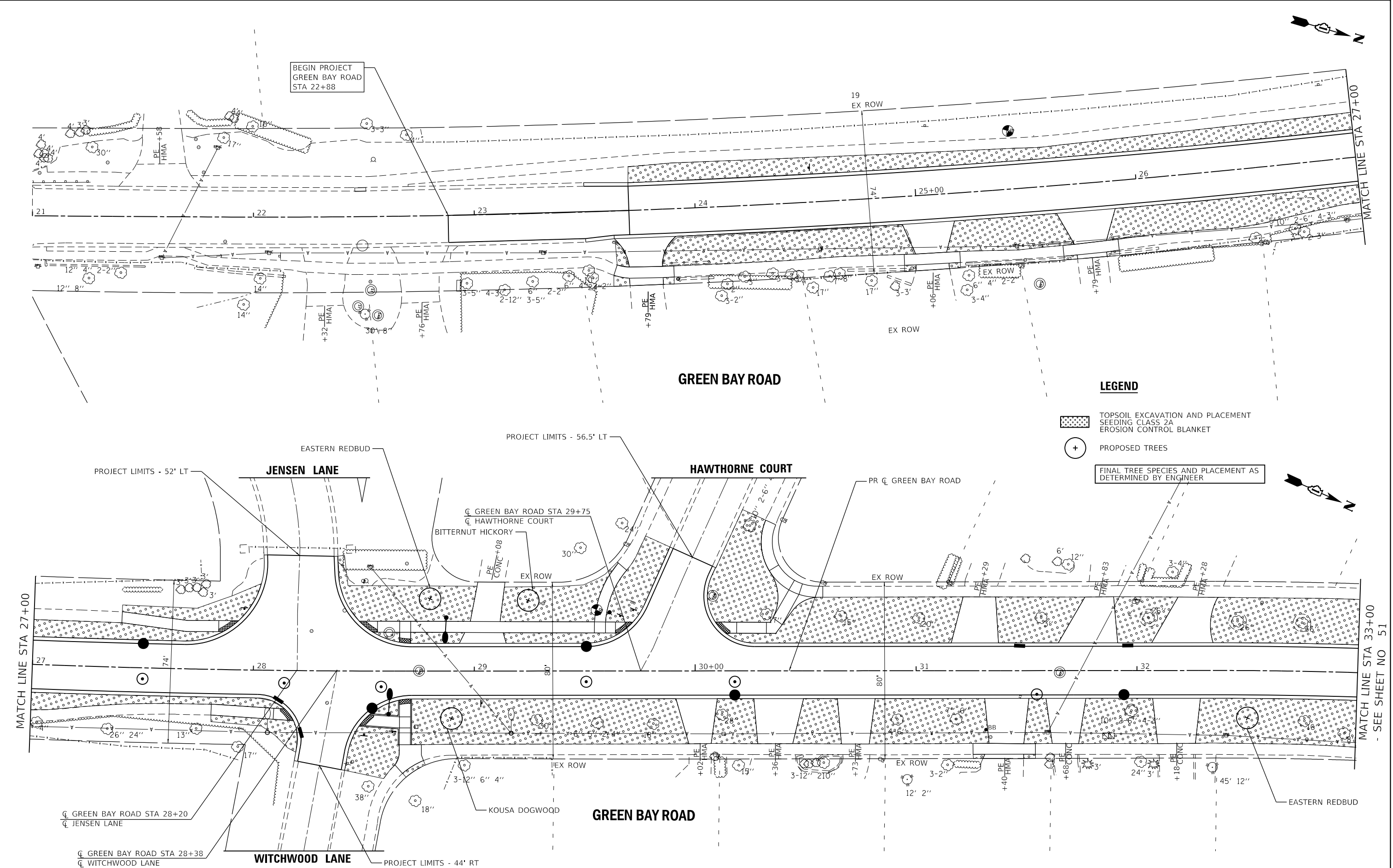
- ② Green Bay Rd D3-1
⑥ STOP R1-1 36"X36" W/R
① Park Ln D3-1
② Sheridan Pl D3-1
③ Prospect Ave D3-1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	48
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
Jmiller
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BAXTER & WOODMAN Consulting Engineers	USER NAME = jmiller	DESIGNED - SAM	REVISED -
	PLOT SCALE = 40,0000 ' / in.	DRAWN - KAR	REVISED -
	PLOT DATE = 10/28/2025	CHECKED - DJS	REVISED -
		DATE - 10/28/2025	FILE - 180840-SS4-SHT-Landscape-2.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

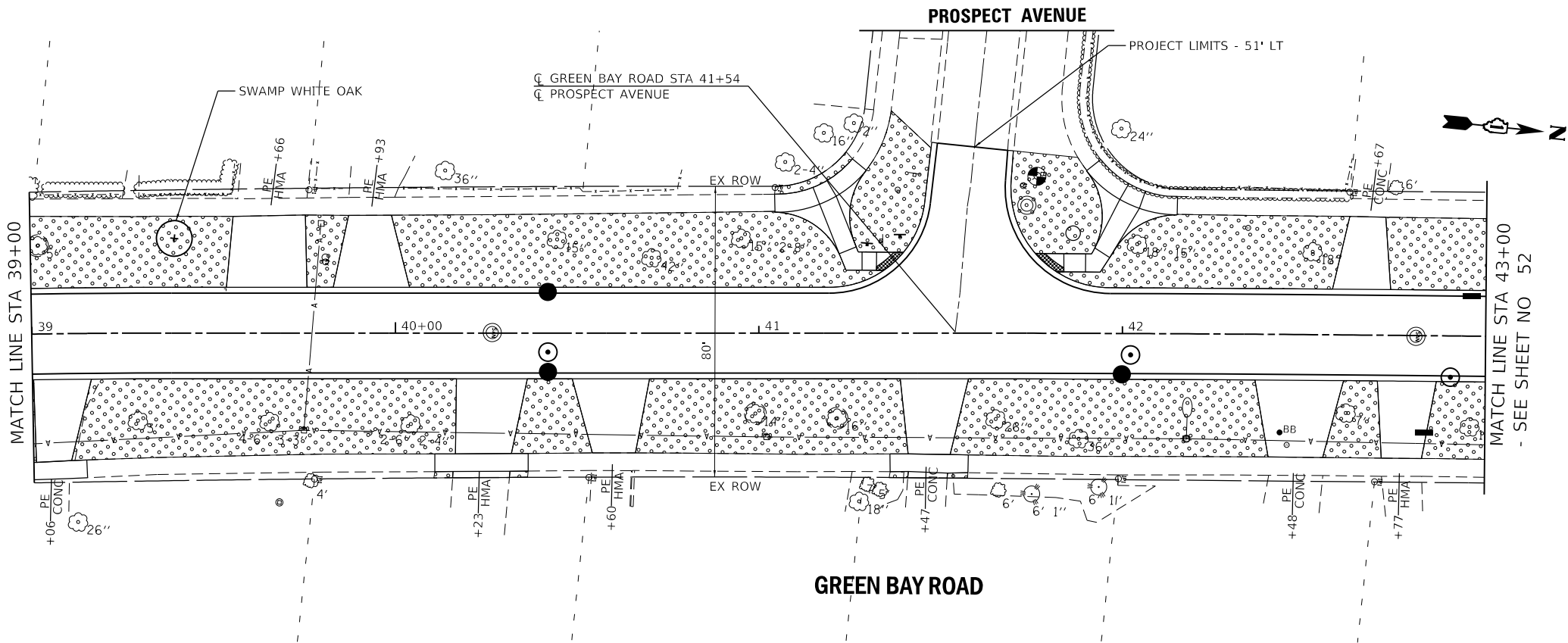
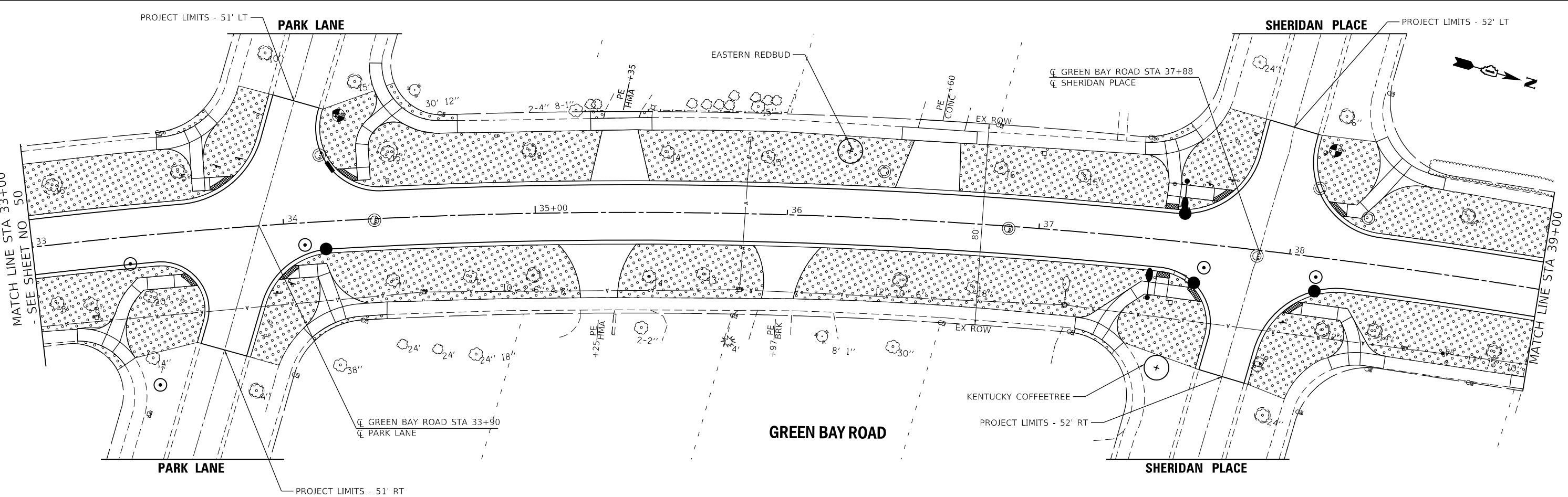
GREEN BAY ROAD
LANDSCAPING PLAN

SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 21+00 TO STA. 33+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	50
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2026
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LEGEND

- TOPSOIL EXCAVATION AND PLACEMENT
- SEEDING CLASS 2A
- EROSION CONTROL BLANKET
- PROPOSED TREES
- FINAL TREE SPECIES AND PLACEMENT AS DETERMINED BY ENGINEER



USER NAME = jtmiller	DESIGNED - SAM	REVISED -
DRAWN - KAR	REVISED -	
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PLOT DATE = 11/4/2025	DATE - 11/4/2025	FILE - 180840-SS4-SHT-Landscape-3.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD
LANDSCAPING PLAN

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 33+00 TO STA. 43+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	51
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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USER NAME = jtmiller	DESIGNED - SAM	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - DJS	REVISED -
PLOT DATE = 10/28/2025	DATE - 10/28/2025	FILE - 180840-SS4-SHT-Landscape-4.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

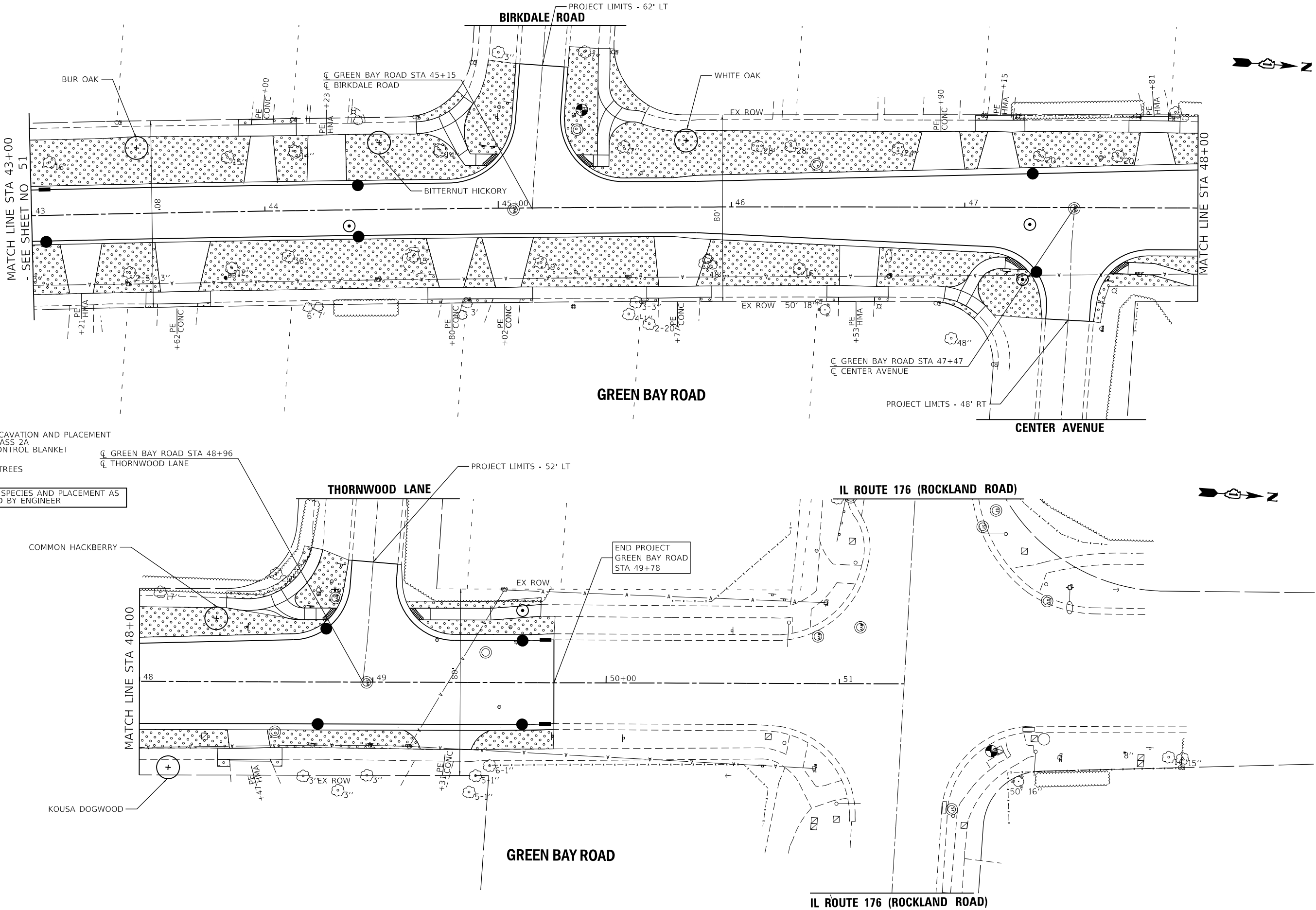
GREEN BAY ROAD
LANDSCAPING PLAN

SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 43+00 TO STA. 51+28

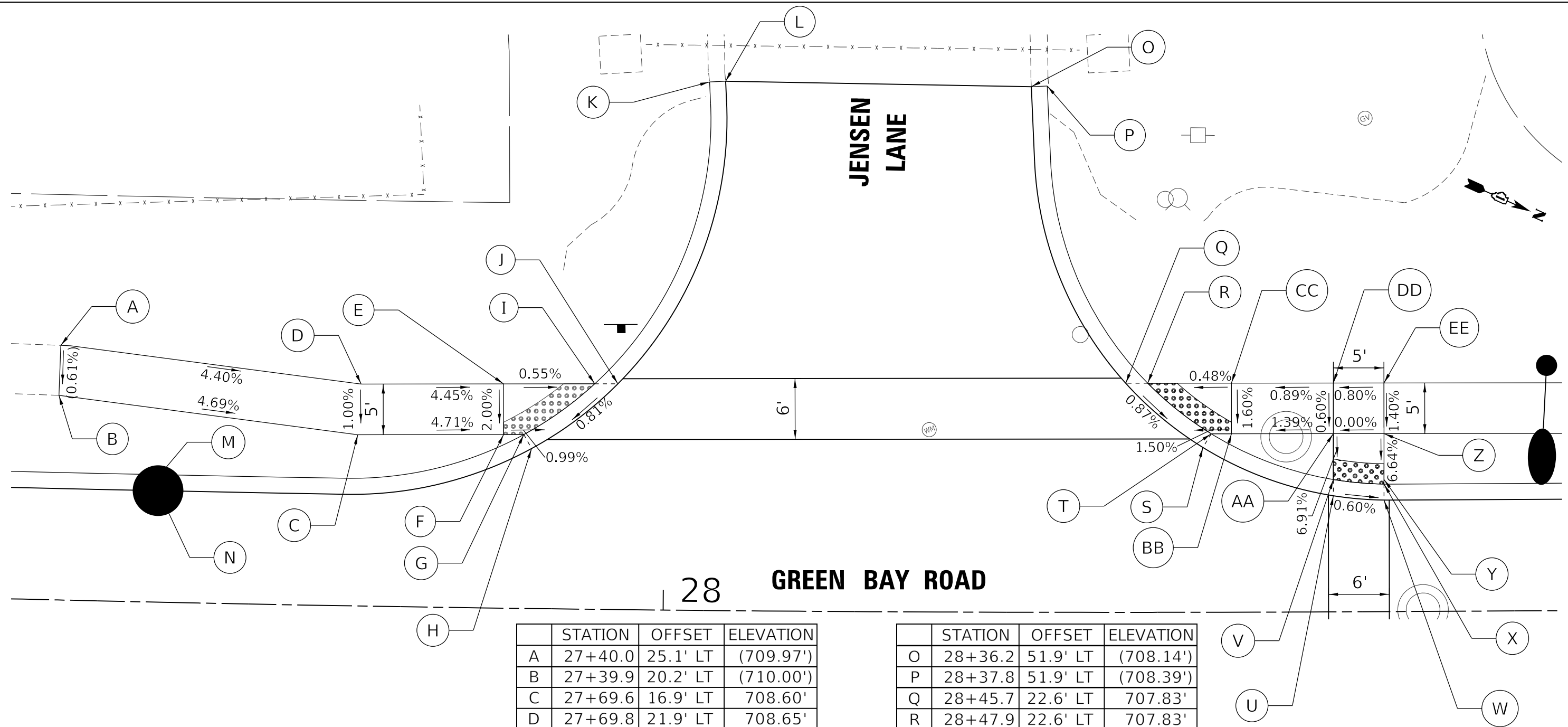
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	52
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

LEGEND

- TOPSOIL EXCAVATION AND PLACEMENT
SEEDING CLASS 2A
EROSION CONTROL BLANKET
- PROPOSED TREES
- FINAL TREE SPECIES AND PLACEMENT AS
DETERMINED BY ENGINEER
- GREEN BAY ROAD STA 48+96
THORNWOOD LANE

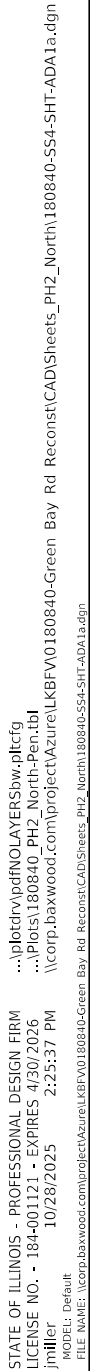


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	STATION	OFFSET	ELEVATION
A	27+40.0	25.1' LT	(709.97')
B	27+39.9	20.2' LT	(710.00')
C	27+69.6	16.9' LT	708.60'
D	27+69.8	21.9' LT	708.65'
E	27+84.0	22.1' LT	708.02'
F	27+84.0	17.1' LT	707.92'
G	27+86.0	17.2' LT	707.90'
H	27+86.8	15.8' LT	707.90'
I	27+93.0	22.3' LT	707.97'
J	27+95.3	22.3' LT	707.97'
K	28+04.1	52.2' LT	(708.44')
L	28+05.7	52.2' LT	(708.19')
M	27+49.9	11.0' LT	707.65'
N	27+49.9	12.6' LT	707.90'

	STATION	OFFSET	ELEVATION
O	28+36.2	51.9' LT	(708.14')
P	28+37.8	51.9' LT	(708.39')
Q	28+45.7	22.6' LT	707.83'
R	28+47.9	22.6' LT	707.83'
S	28+53.3	16.3' LT	707.76'
T	28+54.2	17.6' LT	707.76'
U	28+66.2	11.5' LT	707.65'
V	28+66.2	13.1' LT	707.65'
W	28+71.2	11.0' LT	707.62'
X	28+71.2	12.6' LT	707.62'
Y	28+71.2	13.0' LT	707.63'
Z	28+71.3	17.6' LT	707.93'
AA	28+66.3	17.6' LT	707.93'
BB	28+56.2	17.6' LT	707.79'
CC	28+56.2	22.6' LT	707.87'
DD	28+66.3	22.6' LT	707.96'
EE	28+71.3	22.6' LT	708.00'



	STATION	OFFSET	ELEVATION
A	37+49.6	22.8' LT	714.89'
B	37+49.4	17.8' LT	714.82'
C	37+54.4	17.7' LT	714.78'
D	37+54.6	22.7' LT	714.85'
E	37+49.2	12.8' LT	714.63'
F	37+49.2	12.6' LT	714.63'
G	37+49.2	11.0' LT	714.63'
H	37+54.2	11.2' LT	714.58'
I	37+54.2	12.6' LT	714.58'
J	37+67.6	22.5' LT	714.27'
K	37+67.4	17.5' LT	714.34'
L	37+69.6	17.5' LT	714.32'
M	37+70.4	16.2' LT	714.32'
N	37+77.4	22.4' LT	714.23'
O	37+75.3	22.5' LT	714.23'
P	37+61.1	41.1' LT	(714.83')
Q	37+57.9	44.8' LT	(714.81')
R	37+38.8	37.9' LT	(715.52')
S	37+39.2	32.9' LT	(715.52')
T	37+86.3	51.9' LT	(713.43')
U	37+84.7	52.1' LT	(713.58')
KK	37+50.3	40.4' LT	715.03'
LL	37+46.2	39.0' LT	715.08'
MM	37+47.4	34.2' LT	715.01'

	STATION	OFFSET	ELEVATION
V	38+20.3	22.5' LT	713.13'
W	38+20.4	17.5' LT	713.06'
X	38+18.4	17.5' LT	713.03'
Y	38+17.5	16.2' LT	713.03'
Z	38+12.9	22.5' LT	713.10'
AA	38+10.9	22.5' LT	713.10'
BB	38+05.4	48.5' LT	(713.38')
CC	38+07.0	48.3' LT	(713.54')
DD	38+32.4	51.1' LT	(713.41')
EE	38+28.1	48.5' LT	(713.57')
FF	38+57.0	38.0' LT	(713.51')
GG	38+56.7	33.3' LT	(713.58')
HH	38+28.8	20.7' LT	713.12'
II	38+25.0	23.9' LT	713.18'
JJ	37+52.1	35.7' LT	714.98'
NN	38+43.1	41.1' LT	713.29'
OO	38+39.2	43.5' LT	713.33'
PP	38+36.3	39.4' LT	713.29'
QQ	38+40.6	36.8' LT	713.25'
RR	38+23.8	22.6' LT	713.16'
SS	38+26.2	17.6' LT	713.09'

	USER NAME = jmiller	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA DETAIL GREEN BAY ROAD AND SHERIDAN PLACE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KAR	REVISED -						2711	18-00039-00-PV	LAKE	84	58
	PLOT SCALE = 10,0000 ' / in.	CHECKED - DJS	REVISED -		CONTRACT NO. 61M08								
	PLOT DATE = 11/4/2025	DATE - 11/4/2025	FILE - 180840-SS4-SHT-ADA5.dgn										
				SCALE: 1" = 10'	SHEET 6 OF 11 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT 5AB9(961)					

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2026
jtmiller
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	STATION	OFFSET	ELEVATION
A	37+48.2	17.3' RT	715.24'
B	37+53.3	17.5' RT	715.20'
C	37+53.1	22.5' RT	715.24'
D	37+48.1	22.3' RT	715.27'
E	37+42.6	17.1' RT	715.27'
F	37+44.3	22.2' RT	715.29'
G	37+41.6	24.3' RT	715.32'
H	37+38.4	20.4' RT	715.30'
I	37+63.3	17.8' RT	714.78'
J	37+63.1	22.8' RT	714.86'
K	37+67.5	22.9' RT	714.84'
L	37+69.3	22.9' RT	714.84'
M	37+65.6	17.8' RT	714.78'
N	37+63.7	15.2' RT	714.74'
O	37+53.4	12.9' RT	714.85'
P	37+53.5	11.4' RT	714.85'
Q	37+48.5	11.0' RT	714.90'
R	37+48.4	12.6' RT	714.90'
S	37+48.4	12.8' RT	714.90'
T	37+17.7	33.9' RT	(716.44')
U	37+17.5	38.4' RT	(716.50')
V	37+34.4	45.7' RT	(716.80')
W	37+37.7	42.1' RT	(716.74')
X	37+69.2	49.8' RT	(715.63')
Y	37+67.6	49.5' RT	(716.02')
QQ	37+31.5	37.5' RT	716.13'
RR	37+26.9	35.4' RT	716.09'
SS	37+25.0	40.1' RT	716.13'
TT	37+29.0	41.9' RT	716.17'

BAXTER & WOODMAN
Consulting Engineers

USER NAME = jtmiller
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 11/4/2025

DESIGNED - SAM
DRAWN - KAR
CHECKED - DJS
DATE - 11/4/2025

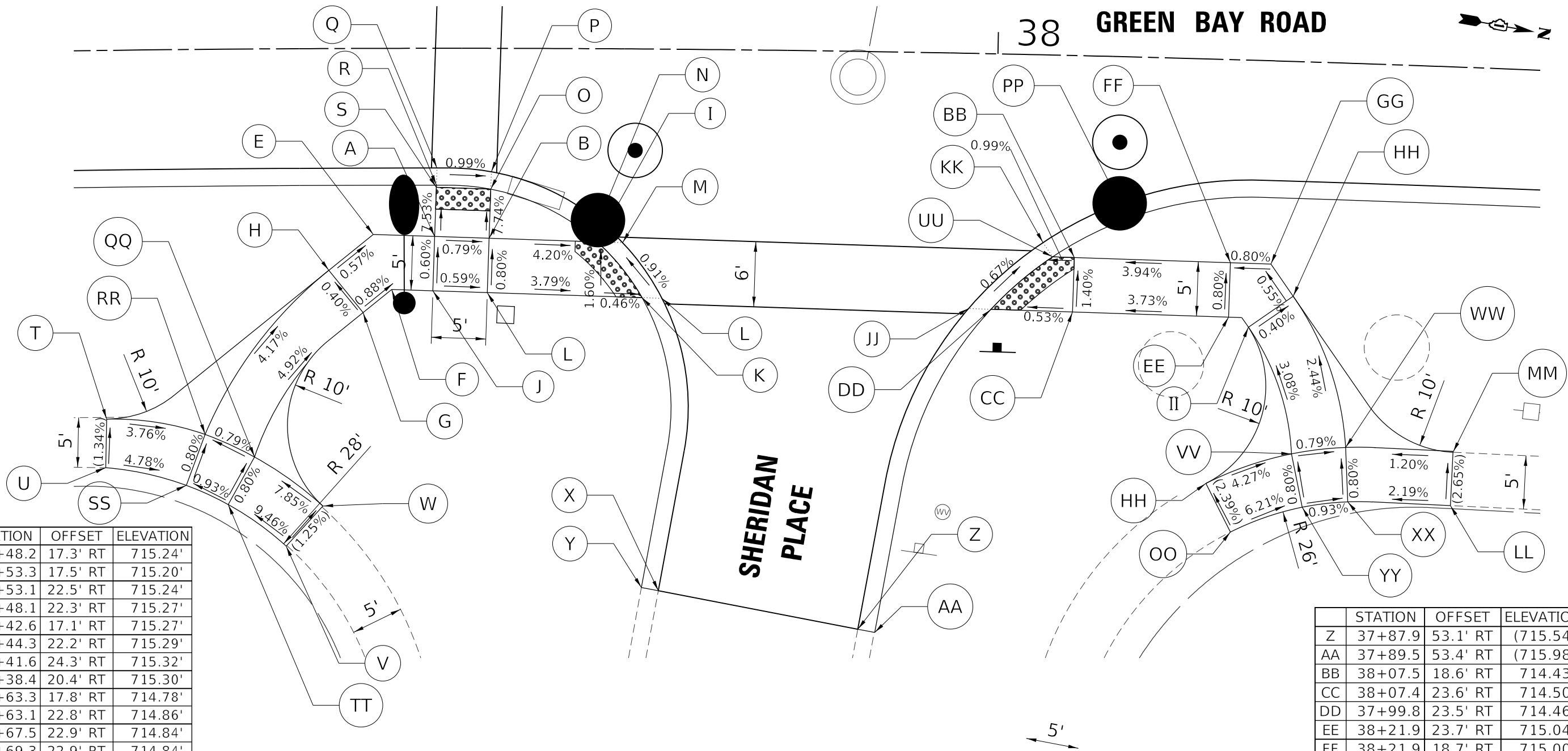
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL
GREEN BAY ROAD AND SHERIDAN PLACE

SCALE: 1" = 10' SHEET 7 OF 11 SHEETS STA. TO STA.

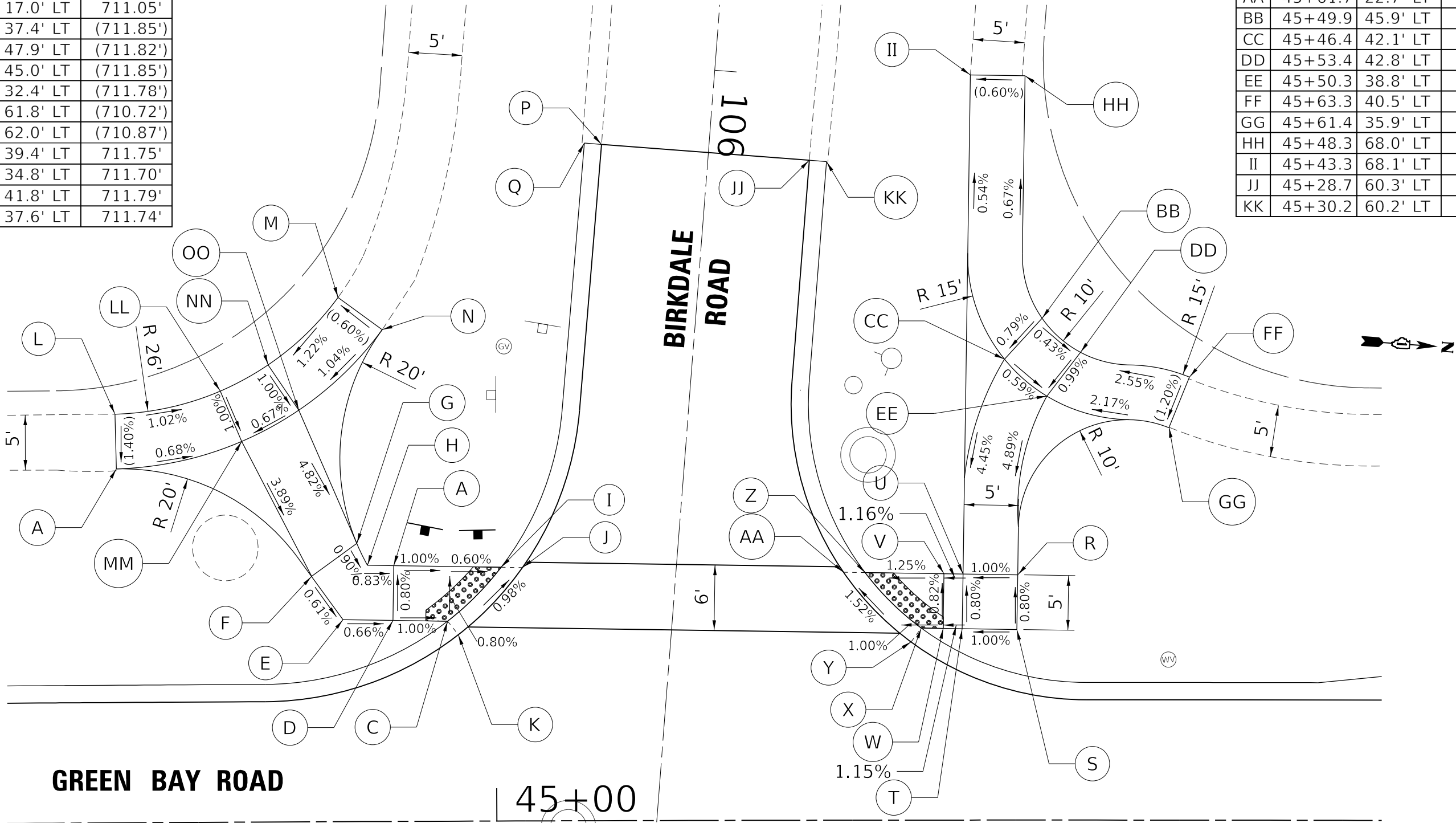
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	59
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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	STATION	OFFSET	ELEVATION
A	44+90.7	23.4' LT	711.06'
B	44+95.7	23.3' LT	711.01'
C	44+95.6	18.3' LT	711.05'
D	44+90.6	18.4' LT	711.10'
E	44+86.0	18.5' LT	711.13'
F	44+83.2	22.4' LT	711.16'
G	44+87.3	25.4' LT	711.10'
H	44+88.3	23.4' LT	711.08'
I	45+00.7	23.2' LT	710.98'
J	45+02.4	23.2' LT	710.98'
K	44+96.5	17.0' LT	711.05'
L	44+65.3	37.4' LT	(711.85')
M	44+85.7	47.9' LT	(711.82')
N	44+89.7	45.0' LT	(711.85')
O	44+65.4	32.4' LT	(711.78')
P	45+09.8	61.8' LT	(710.72')
Q	45+08.2	62.0' LT	(710.87')
LL	44+74.9	39.4' LT	711.75'
MM	44+76.9	34.8' LT	711.70'
NN	44+79.3	41.8' LT	711.79'
OO	44+82.1	37.6' LT	711.74'

	STATION	OFFSET	ELEVATION
R	45+47.6	22.4' LT	711.09'
S	45+47.6	17.4' LT	711.13'
T	45+42.6	17.5' LT	711.08'
U	45+42.6	22.5' LT	711.04'
V	45+40.9	22.4' LT	711.02'
W	45+40.8	17.5' LT	711.06'
X	45+38.8	17.6' LT	711.04'
Y	45+37.9	16.3' LT	711.04'
Z	45+33.7	22.6' LT	710.93'
AA	45+61.7	22.7' LT	710.93'
BB	45+49.9	45.9' LT	711.97'
CC	45+46.4	42.1' LT	711.93'
DD	45+53.4	42.8' LT	711.95'
EE	45+50.3	38.8' LT	711.90'
FF	45+63.3	40.5' LT	(712.21')
GG	45+61.4	35.9' LT	(712.15')
HH	45+48.3	68.0' LT	(711.82')
II	45+43.3	68.1' LT	(711.79')
JJ	45+28.7	60.3' LT	(710.68')
KK	45+30.2	60.2' LT	(710.85')



BAXTER & WOODMAN
Consulting Engineers

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	DRAWN - KAR	REVISED -
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PLOT DATE = 10/28/2025	DATE - 10/28/2025	FILE - 180840-SS4-SHT-ADA8.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL
GREEN BAY ROAD AND BIRKDALE ROAD

SCALE: 1" = 10' SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	61
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 18-001121 - EXPIRES 4/30/2026
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	STATION	OFFSET	ELEVATION
A	47+13.3	26.3' RT	710.38'
B	47+17.5	21.3' RT	710.41'
C	47+19.5	21.4' RT	710.38'
D	47+20.6	19.1' RT	710.40'
E	47+26.8	26.7' RT	710.25'
F	47+30.2	26.9' RT	710.29'
G	46+98.6	35.8' RT	710.56'
H	47+03.1	37.9' RT	710.52'
I	47+00.6	42.3' RT	710.56'
J	46+96.8	40.5' RT	710.60'
K	46+91.1	39.1' RT	(710.98')
L	46+91.9	34.2' RT	(711.02')
M	47+05.7	45.9' RT	(710.60')
N	47+09.1	42.3' RT	(710.45')
O	47+34.8	47.8' RT	709.68'
P	47+33.3	47.7' RT	710.04'
Q	47+30.1	28.1' RT	710.24'



USER NAME	= jtmiller
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/28/2025

DESIGNED -	SAM
DRAWN -	KAR
CHECKED -	DJS
DATE -	10/28/2025

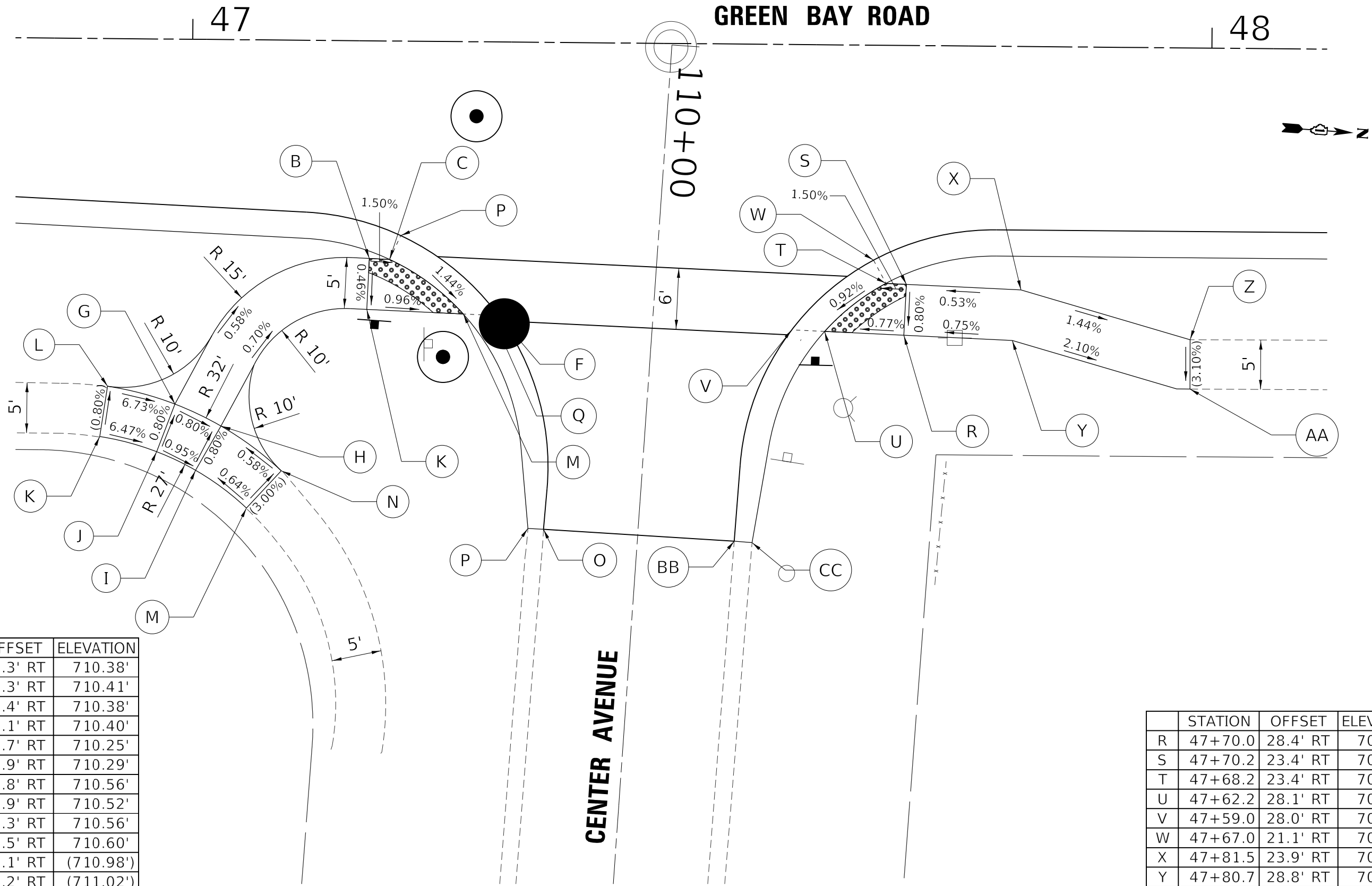
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REVISED -	
REVISED -	
FILE -	180840-SS4-SHT-ADA9.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL
GREEN BAY ROAD AND CENTER AVENUE

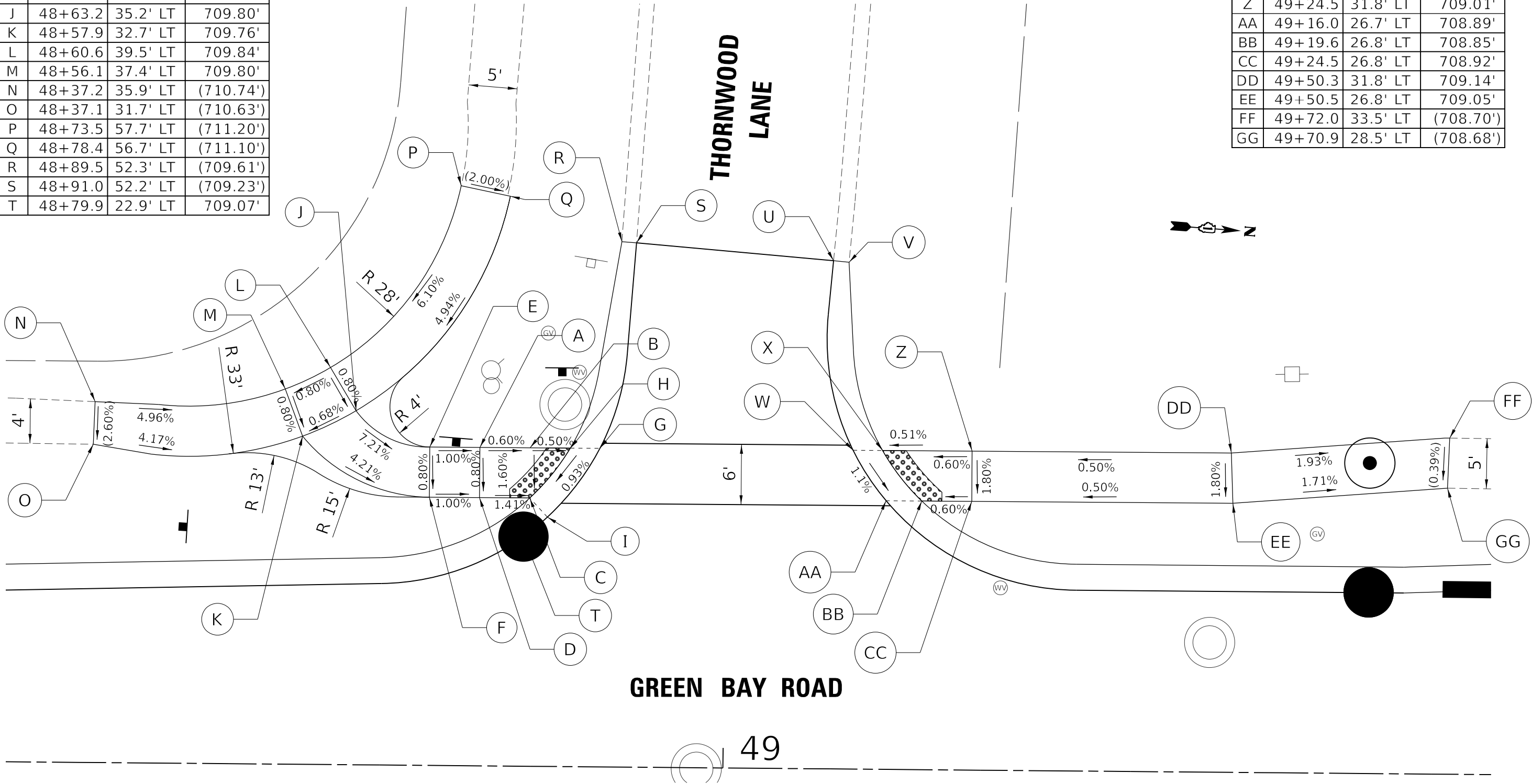
SCALE: 1" = 10' SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	62
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2026
jtmiller
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	STATION	OFFSET	ELEVATION
A	48+75.5	31.7' LT	709.16'
B	48+80.5	31.7' LT	709.13'
C	48+80.5	26.7' LT	709.05'
D	48+75.6	26.7' LT	709.12'
E	48+70.6	31.7' LT	709.21'
F	48+70.6	26.7' LT	709.17'
G	48+87.5	31.7' LT	709.15'
H	48+84.5	31.7' LT	709.11'
I	48+82.3	24.8' LT	709.09'
J	48+63.2	35.2' LT	709.80'
K	48+57.9	32.7' LT	709.76'
L	48+60.6	39.5' LT	709.84'
M	48+56.1	37.4' LT	709.80'
N	48+37.2	35.9' LT	(710.74')
O	48+37.1	31.7' LT	(710.63')
P	48+73.5	57.7' LT	(711.20')
Q	48+78.4	56.7' LT	(711.10')
R	48+89.5	52.3' LT	(709.61')
S	48+91.0	52.2' LT	(709.23')
T	48+79.9	22.9' LT	709.07'



	STATION	OFFSET	ELEVATION
U	49+10.6	50.6' LT	(709.30')
V	49+12.1	50.5' LT	(709.60')
W	49+12.7	31.7' LT	708.98'
X	49+15.6	31.7' LT	708.94'
Y	49+19.5	31.8' LT	708.96'
Z	49+24.5	31.8' LT	709.01'
AA	49+16.0	26.7' LT	708.89'
BB	49+19.6	26.8' LT	708.85'
CC	49+24.5	26.8' LT	708.92'
DD	49+50.3	31.8' LT	709.14'
EE	49+50.5	26.8' LT	709.05'
FF	49+72.0	33.5' LT	(708.70')
GG	49+70.9	28.5' LT	(708.68')

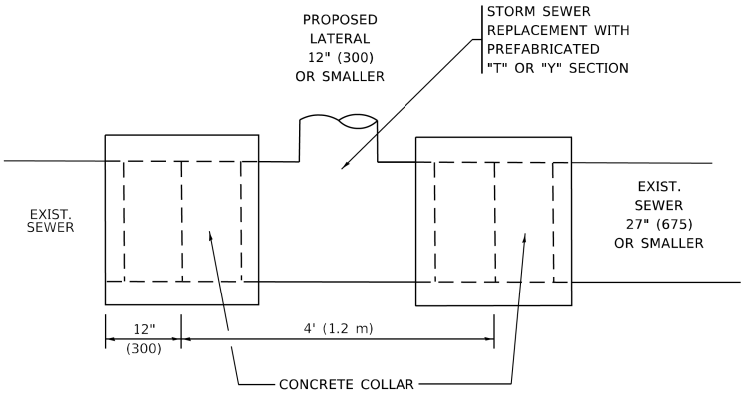
BAXTER & WOODMAN
Consulting Engineers

USER NAME = jtmiller	DESIGNED - SAM	REVISED -
DRAWN - KAR	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

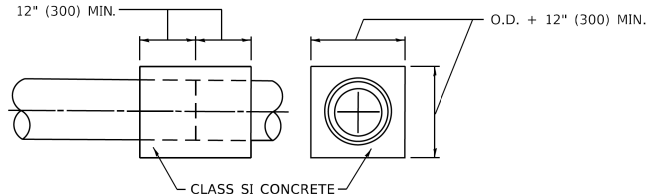
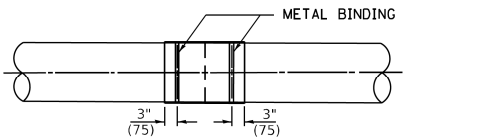
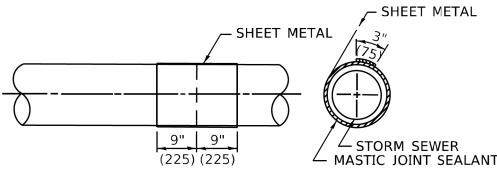
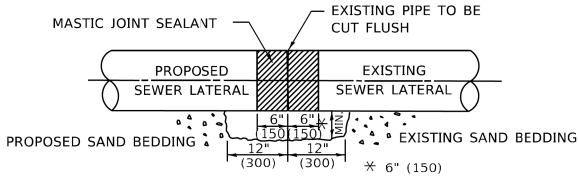
ADA DETAIL			
GREEN BAY ROAD AND THORNWOOD LANE			
SCALE: 1" = 10'	SHEET 11 OF 11 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	63
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				



DETAIL "A"

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

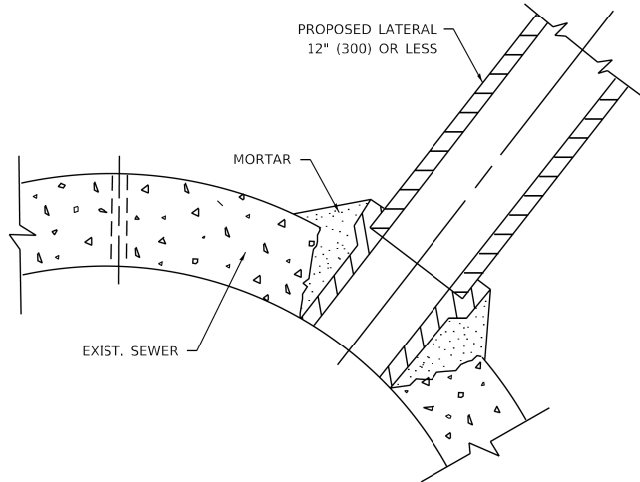


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

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



DETAIL "C"

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

NOTES:

MATERIAL

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

CONSTRUCTION METHODS

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

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

GENERAL

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

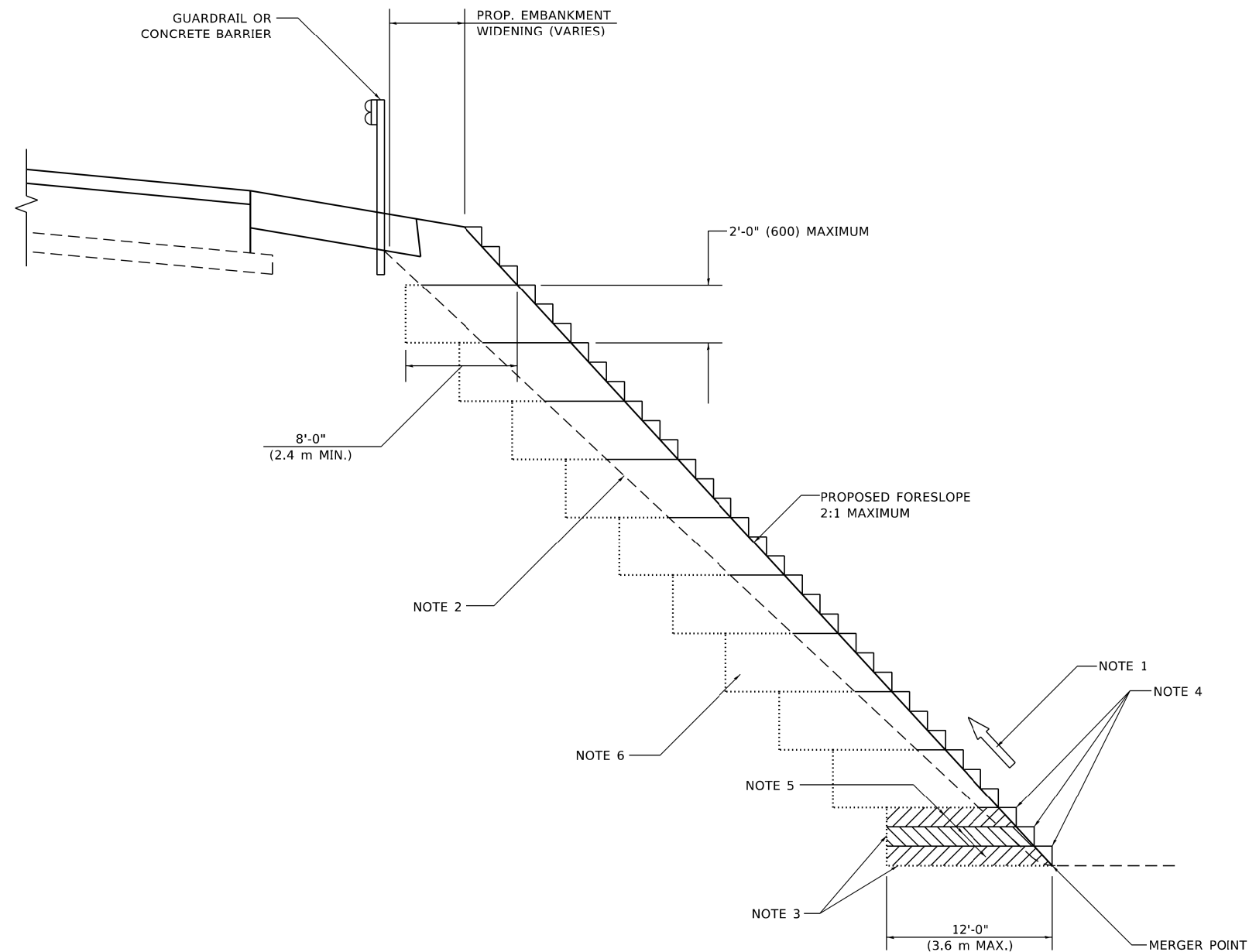
BASIS OF PAYMENT

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

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

MODEL: Default
FILE: M0801-01.dwg
PROJECT: 18-00039-00-PV
SHEET: 64
DATE: 11/18/2022
DRAWN: R. SHAH
CHECKED: R. SHAH
DESIGNED: M. DE YONG
REVISIONS: R. SHAH 09-09-94, R. SHAH 10-25-94, R. SHAH 06-12-96, K. SMITH 11-18-22

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			2711	18-00039-00-PV	LAKE	84	64
			BD500-01 (BD-07)		CONTRACT NO. 61M08		
			ILLINOIS		FED. AID PROJECT	5AB9(961)	
SCALE: NONE		SHEET 1	OF 1	SHEETS	STA.	TO STA.	



GENERAL NOTES

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

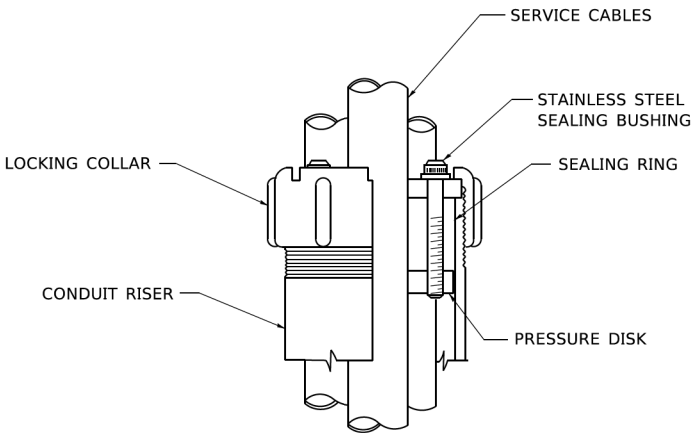
BASIS OF PAYMENT

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

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

FILE NAME: DR

USER NAME = Lawrence.DeManche	DESIGNED -	REVISED - K. SMITH 11-18-22	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BENCHING DETAIL FOR EMBANKMENT WIDENING				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - CADD	REVISED -						2711	18-00039-00-PV	LAKE	84	65
PLOT SCALE = 100.000' / in.	CHECKED - S.E.B.	REVISED -		BD-51 CONTRACT NO. 61M08								
PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT 5AB91961					



APPLICATION

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

NOTES

1. SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
2. UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
3. CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
4. PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
5. THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
6. THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
7. PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.

USER NAME = footemj	DESIGNED -	REVISED - 03-03-06
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - MEA	REVISED -
PLOT DATE = 4/19/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT

SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	66
BE-220		CONTRACT NO. 61M08		
ILLINOIS		FED. AID PROJECT	5AB9(961)	

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. 18-00039-00-PV
 SHEET NO. 67 OF 84
 DATE: 5/3/2024
 DRAWN BY: L.H.A.
 CHECKED BY: A.S.
 DESIGNED BY: L.H.A.
 REVISIONS: 01-06-00 T. RAMMACHER
 07-01-13 A. SCHUETZE
 09-15-16 A. SCHUETZE
 05-03-24 D. SENDERAK

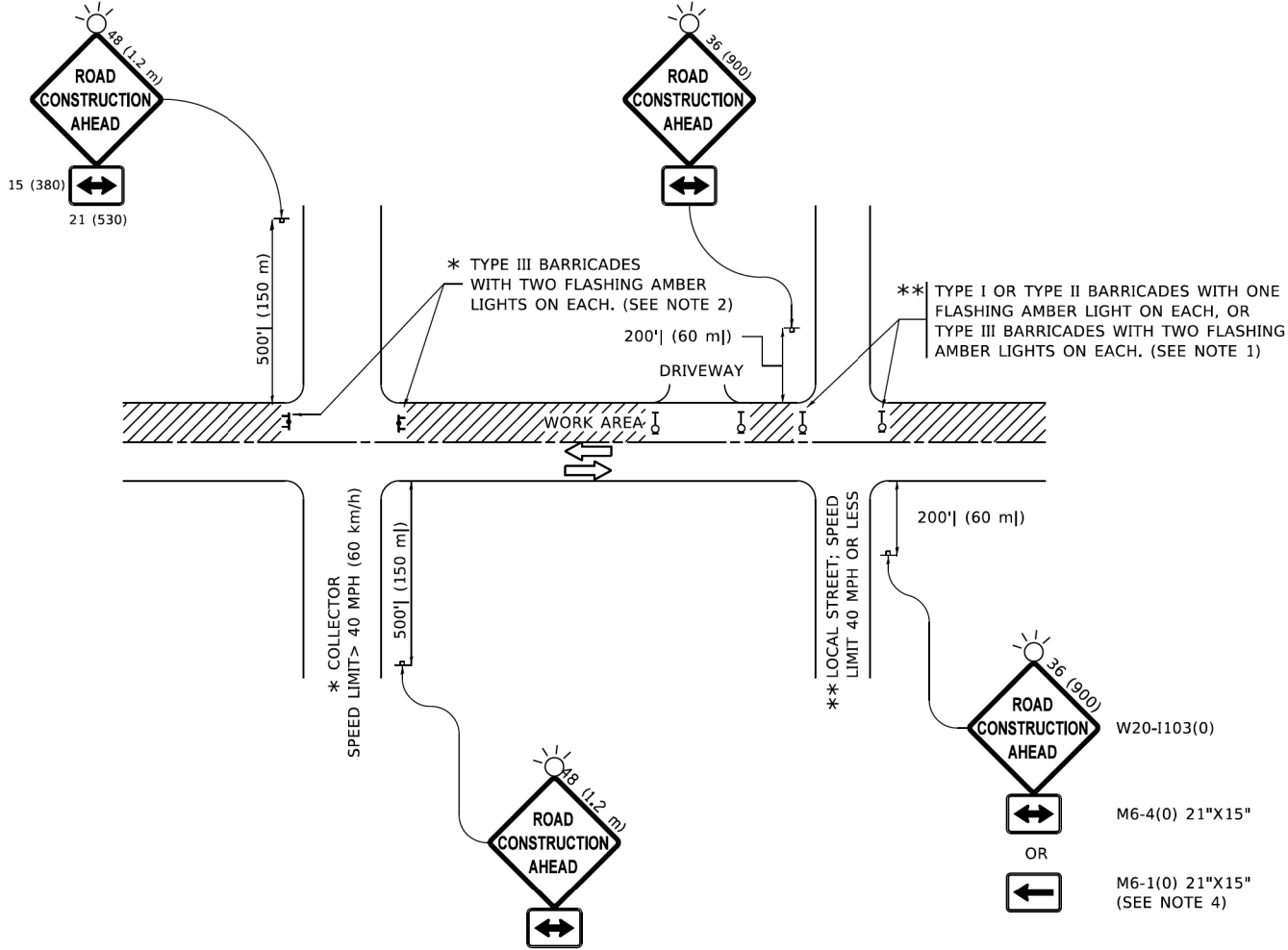
USER NAME	= Lawrence,DeManche	DESIGNED -	L.H.A.	REVISED -	T. RAMMACHER 01-06-00
DRAWN -		DRAWN -		REVISED -	A. SCHUETZE 07-01-13
PLOT SCALE =	100,0000 ' / in.	CHECKED -		REVISED -	A. SCHUETZE 09-15-16
PLOT DATE =	5/3/2024	DATE -	06-89	REVISED -	D. SENDERAK 05-03-24

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

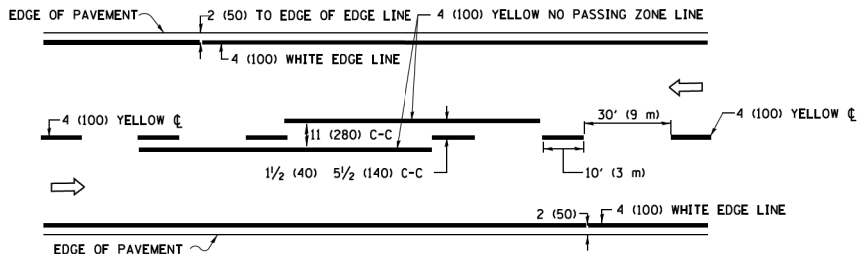
All dimensions are in inches (millimeters)
 unless otherwise shown.



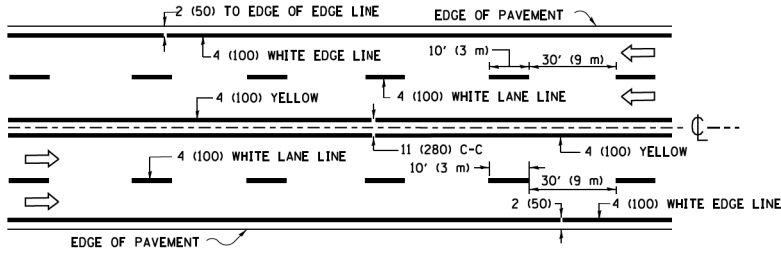
NOTES:

- 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.
- 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.

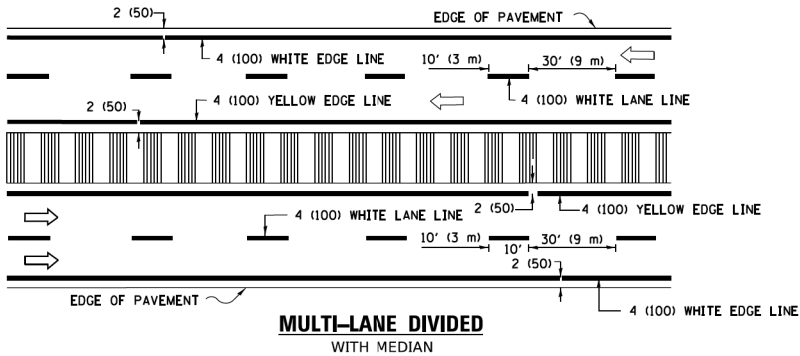
COPYRIGHT © 2017 BY BAXTER & WOODMAN, INC.
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
PROJECT NO. 18-00039-00-PV
SHEET NO. 84
DATE: 03/19/2019
DESIGNED BY: JUCIUS
DRAWN BY: JUCIUS
CHECKED BY: JUCIUS
REVISIONS: 01-13, 12-21, 04-12



2-LANE ROADWAY

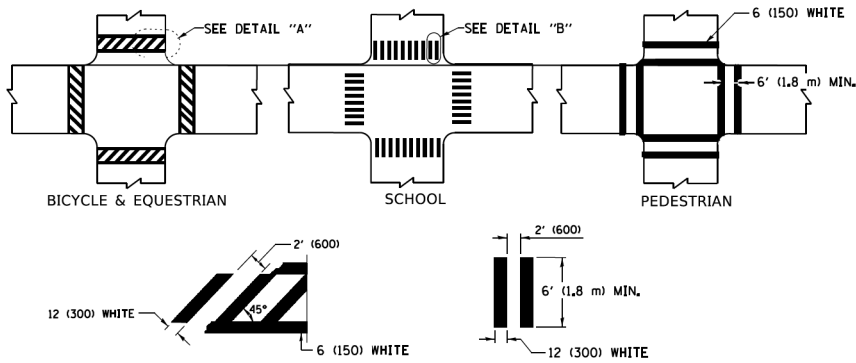


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

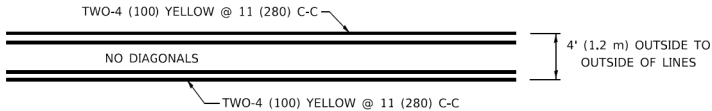


DETAIL "A"

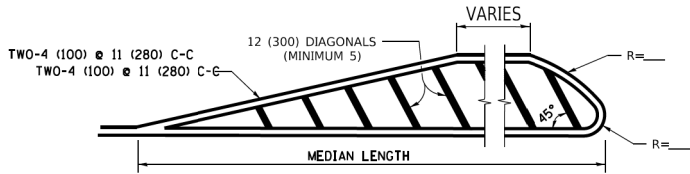
DETAIL "B"

TYPICAL CROSSWALK MARKING

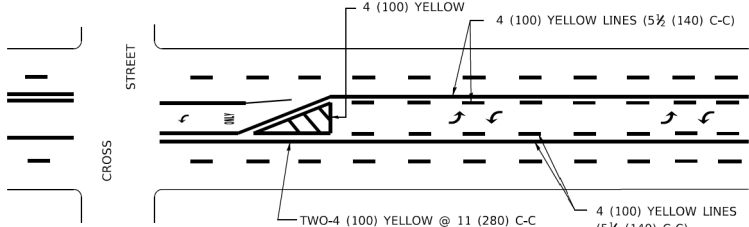
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

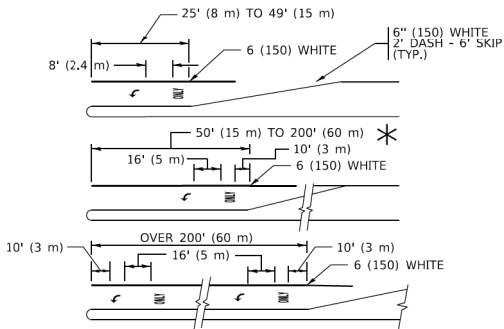


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

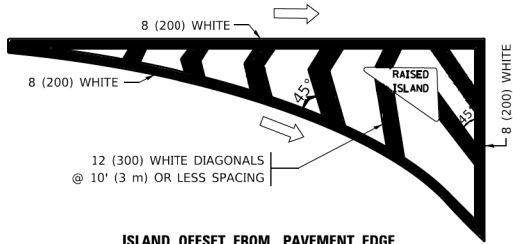


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

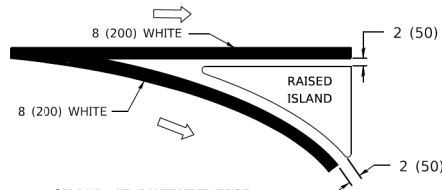
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

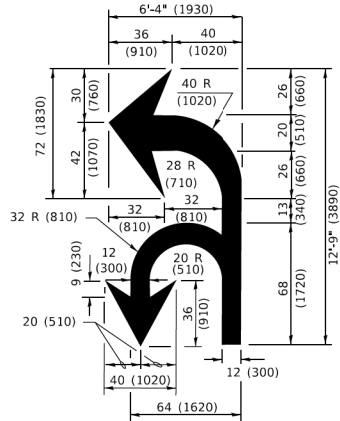


ISLAND OFFSET FROM PAVEMENT EDGE

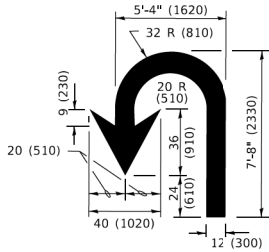


ISLAND AT PAVEMENT EDGE

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.

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	5½ (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; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

USER NAME = [footem]	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	68
TC-13		CONTRACT NO. 61M08		
ILLINOIS		FED. AID PROJECT 5AB9(961)		

TURN BAY ENTRANCE AT START
OF LANE CLOSURE TAPER

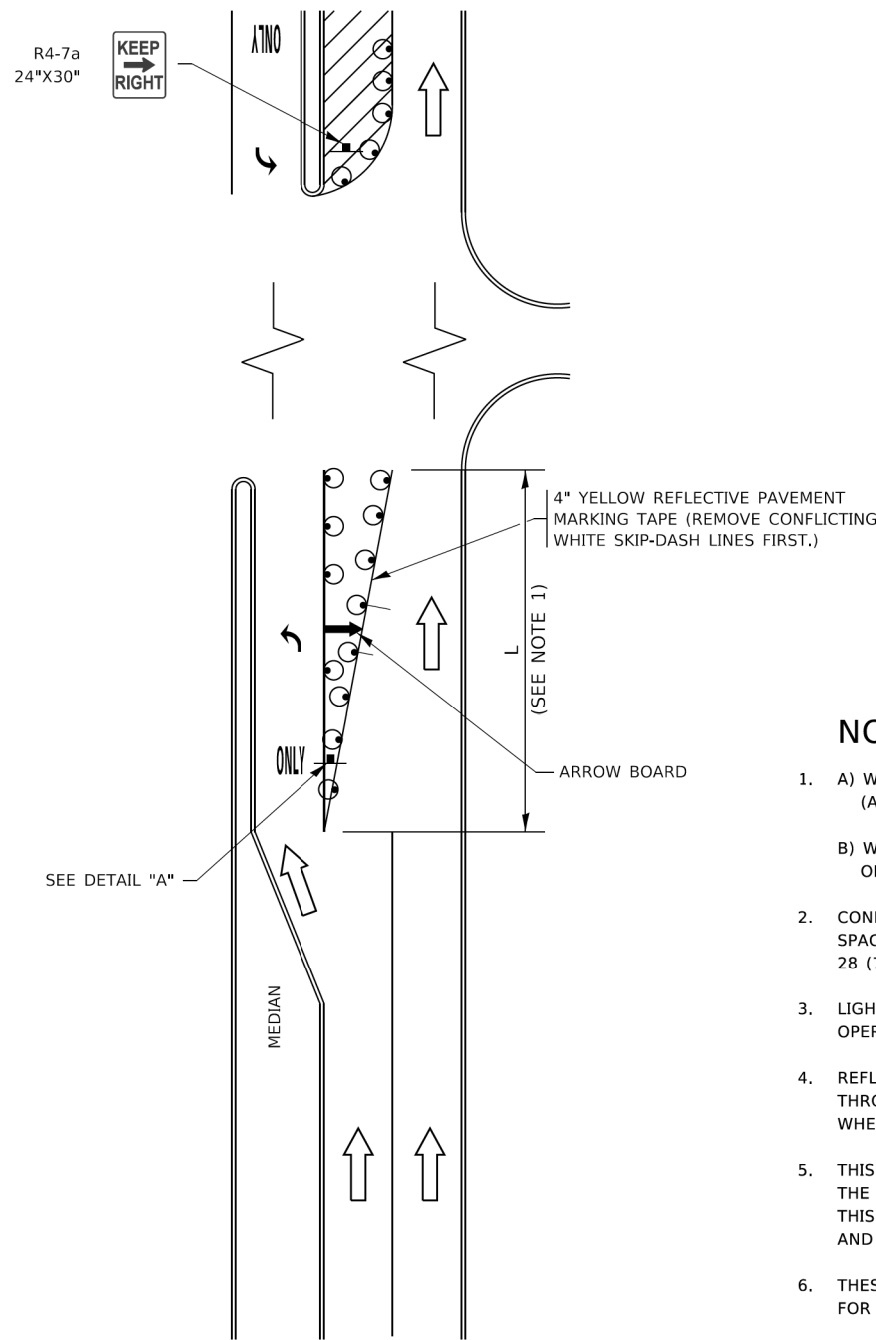


FIGURE 1

LEGEND

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

NOTES:

- A) WHEN "L" IS $\leq$ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
- TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE
WITHIN A LANE CLOSURE

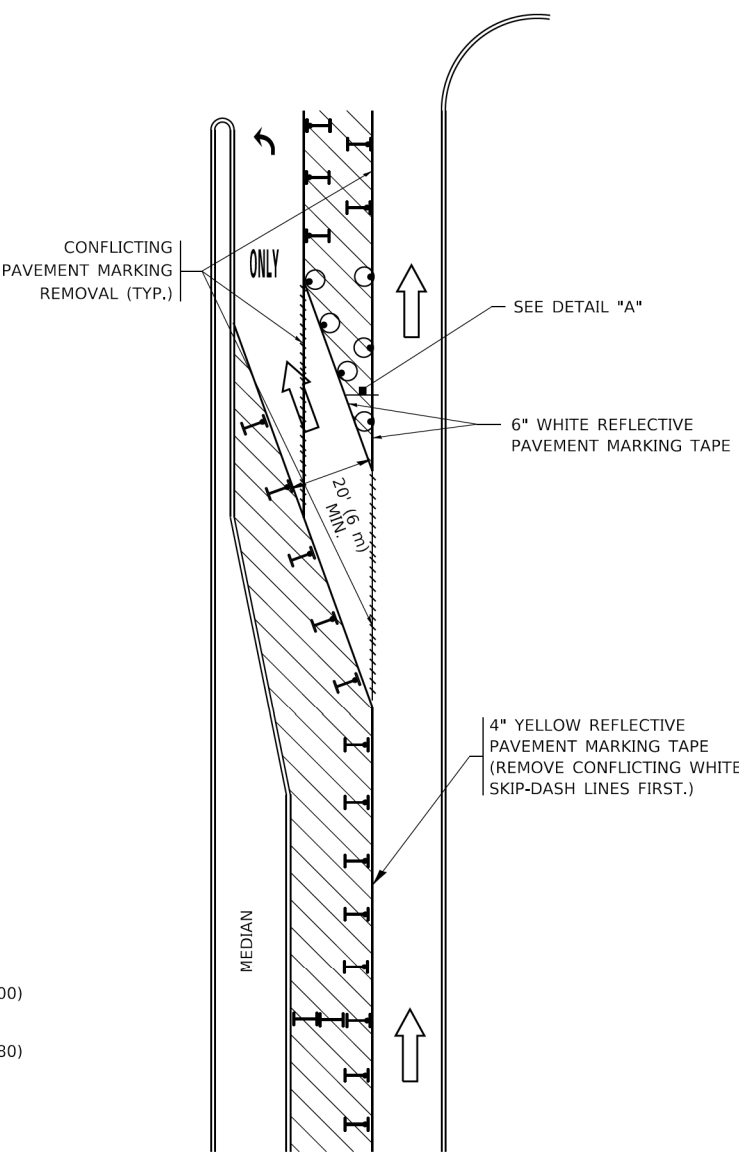
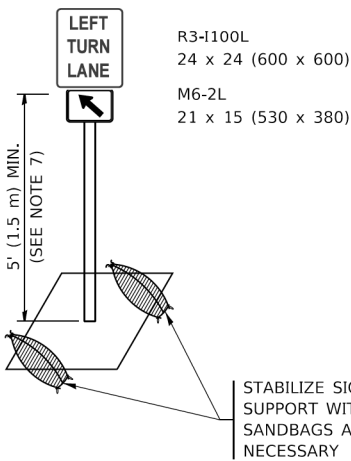


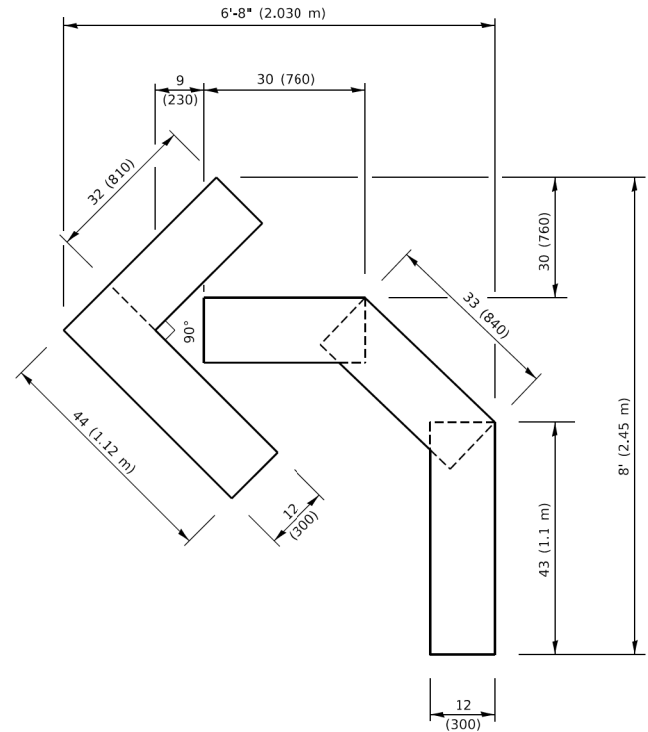
FIGURE 2



DETAIL A

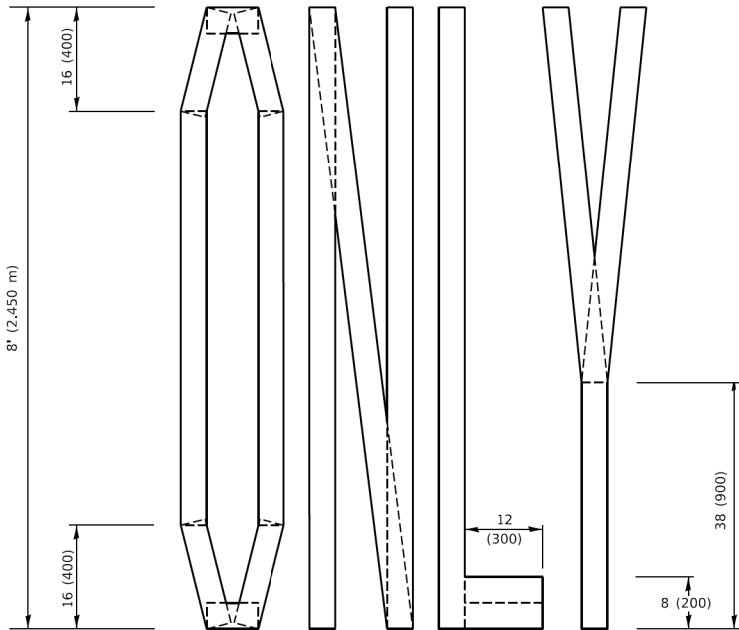
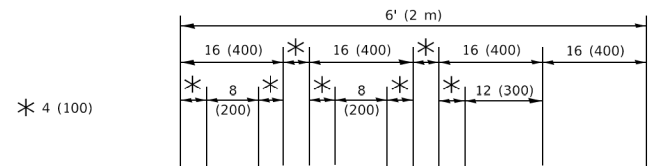
All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footemj		DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - A. HOUSEH 11-07-95		CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 07-01-13		SCALE: NONE			2711	18-00039-00-PV	LAKE	84	69
PLOT SCALE = 50,0000' / 1"		DATE - T. RAMMACHER 01-06-00	REVISED - A. SCHUETZE 09-15-16		SHEET 1 OF 1 SHEETS			TC-14		CONTRACT NO. 61M08		
PLOT DATE = 3/4/2019			REVISED -		STA. TO STA.			ILLINOIS		FED. AID PROJECT 5AB9(961)		



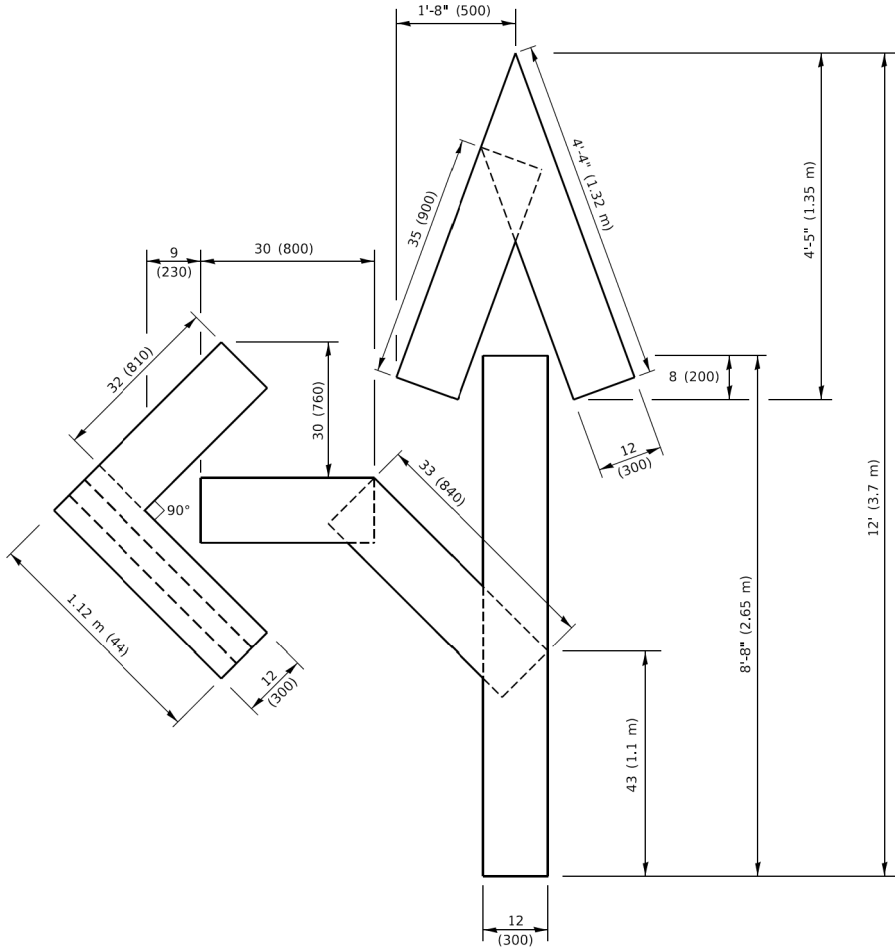
QUANTITY

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)

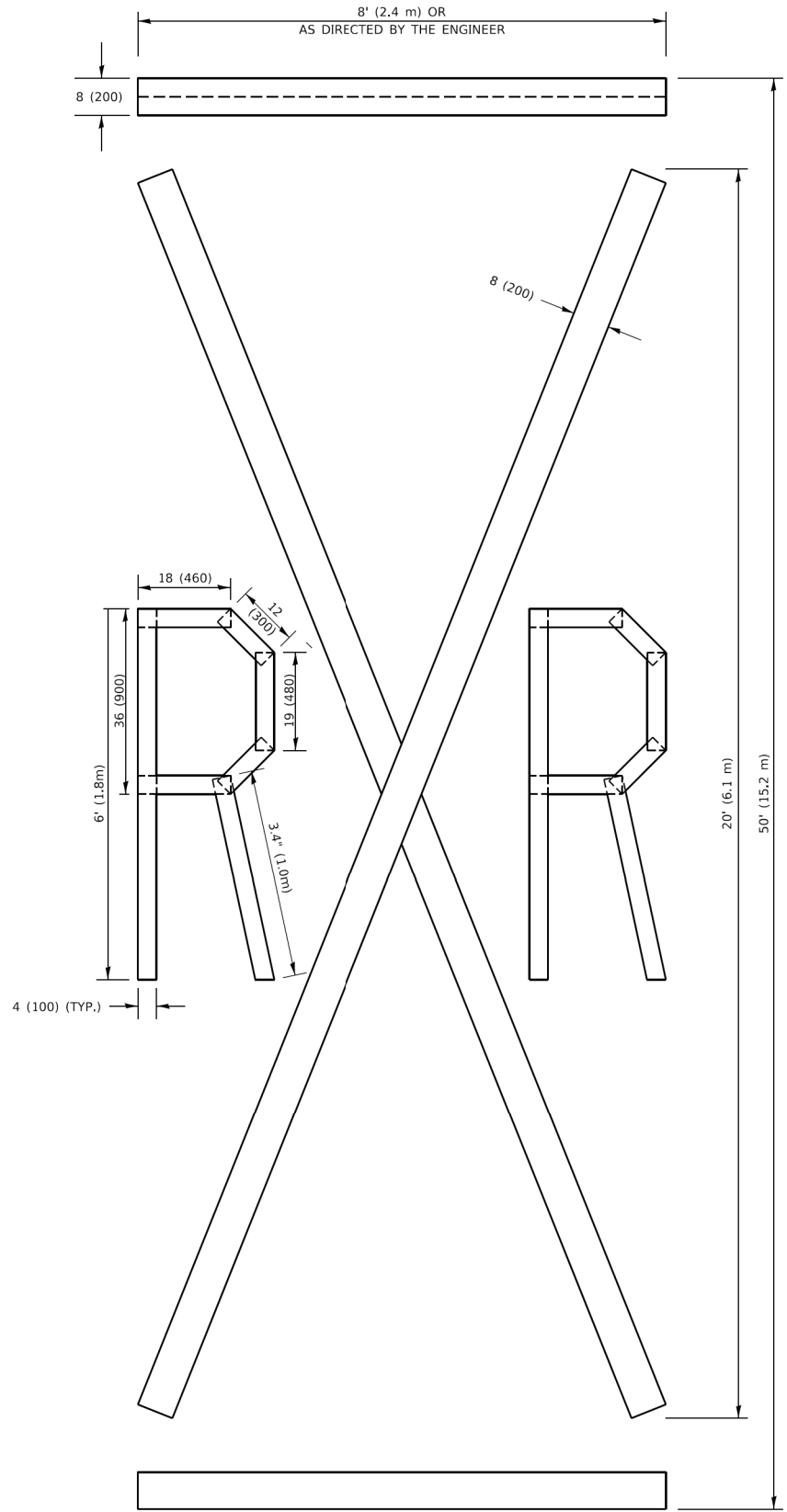


QUANTITY

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.

USER NAME	= footemj	DESIGNED	-	REVISED	- T. RAMMACH 03-02-98
		DRAWN	-	REVISED	- E. GOMEZ 08-28-00
PLOT SCALE	= 50.0068" / in.	CHECKED	-	REVISED	- E. GOMEZ 08-28-00
PLOT DATE	= 3/4/2019	DATE	-	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.
2711	18-00039-00-PV	LAKE	84	70
TC-16		CONTRACT NO. 61M08		
		ILLINOIS	FED. AID PROJECT	5AB9(961)

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 11111 N. WILSON AVENUE, SUITE 200
 ADDISON, ILLINOIS 60101-4040
 PHONE: (630) 398-1111 FAX: (630) 398-1112
 E-MAIL: INFO@BAXTERANDWOODMAN.COM
 PROJECT NO. 18-00039-00-PV CONTRACT NO. 61M08

TC.dgn

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

MAIN STREET

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

NORTH

M3-1-2412

EAST

M3-2-2412

SOUTH

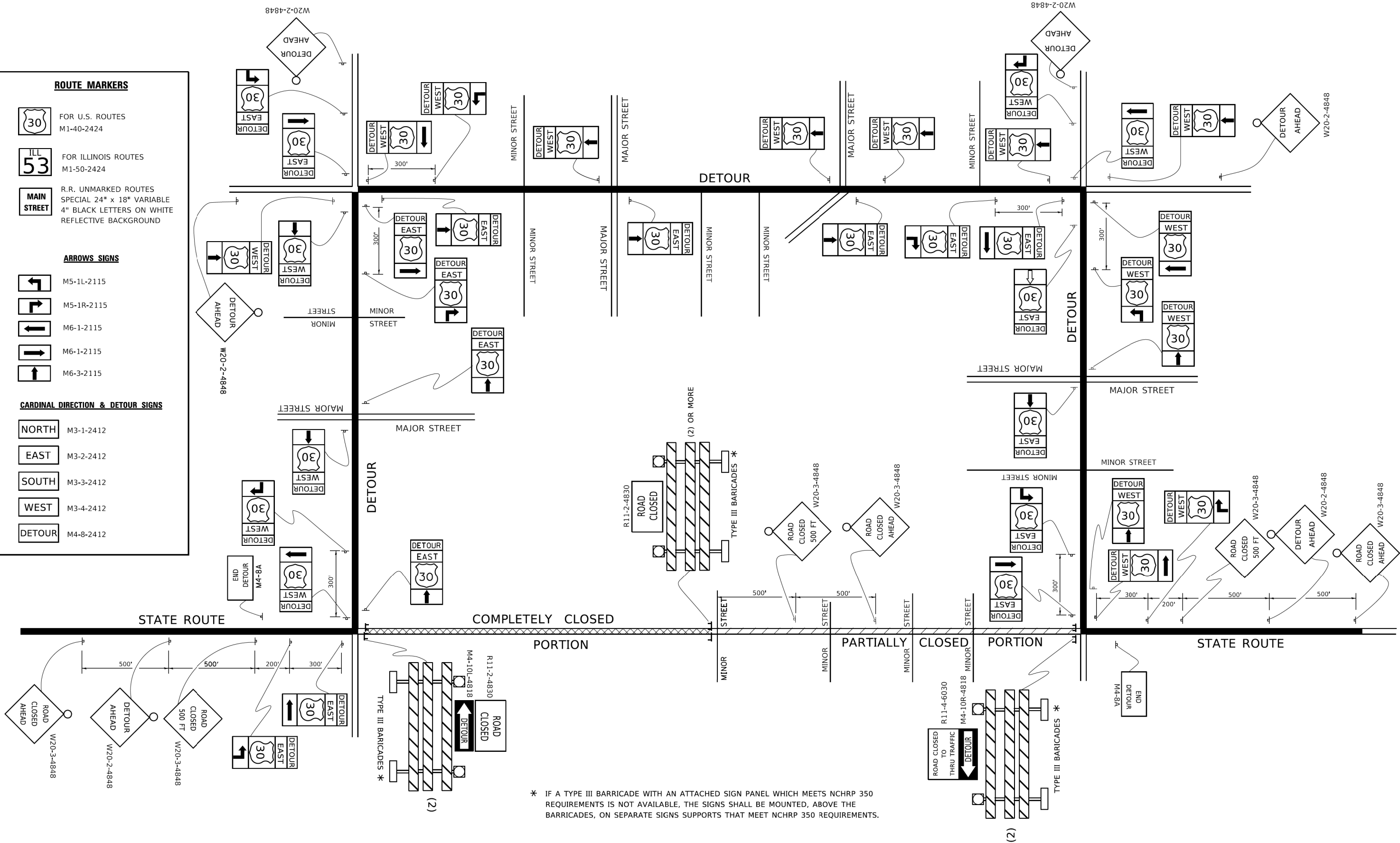
M3-3-2412

WEST

M3-4-2412

DETOUR

M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

USER NAME	= footemj	DESIGNED -	REVISED - 10-18-02
		DRAWN -	REVISED - R. BORO 09-14-09
PLOT SCALE	= 50.0000' / 1 in.	CHECKED -	REVISED -
PLOT DATE	= 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING
 FOR CLOSING STATE HIGHWAYS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	71
TC-21		CONTRACT NO.61M08		
ILLINOIS		FED. AID PROJECT	5AB9(961)	

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

USER NAME = jmiller	DESIGNED - SAM	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 20,000 ' / in.	CHECKED - DJS	REVISED -
PLOT DATE = 9/29/2025	DATE -	REVISED -

CROSS SECTIONS GREEN BAY ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	73
		CONTRACT NO. 61M08		
ILLINOIS		FED. AID PROJECT 5AB9(961)		

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

USER NAME = jmiller	DESIGNED - SAM	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 20,000 ' / in.	CHECKED - DJS	REVISED -
PLOT DATE = 9/29/2025	DATE -	REVISED -

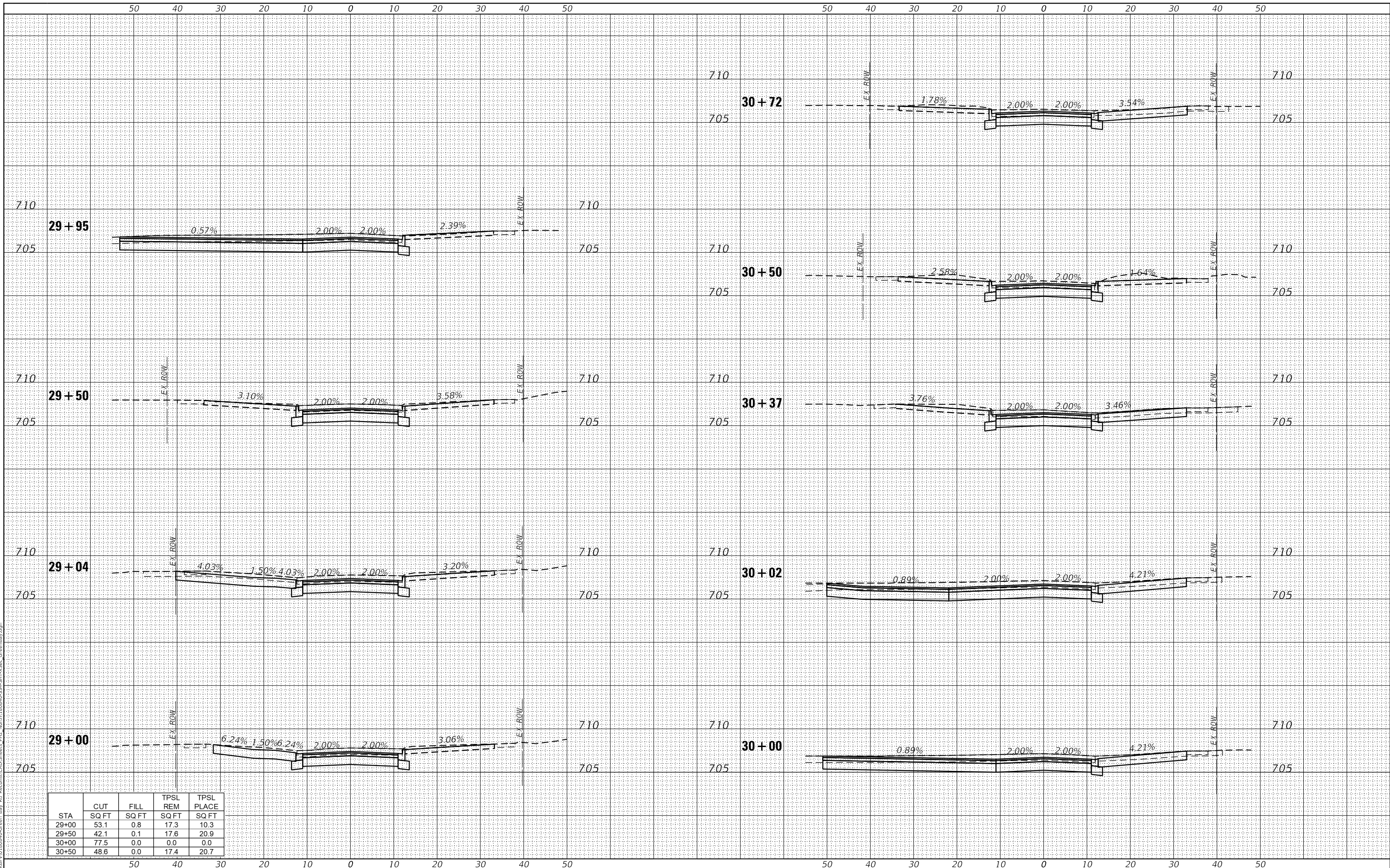
CROSS SECTIONS GREEN BAY ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	74
		CONTRACT NO. 61M08		
ILLINOIS		FED. AID PROJECT 5AB9(961)		

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

USER NAME = jmiller	DESIGNED - SAM	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 20,000 ' / in.	CHECKED - DJS	REVISED -
PLOT DATE = 9/29/2025	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	75
		CONTRACT NO. 61M08		
ILLINOIS		FED. AID PROJECT 5AB9(961)		



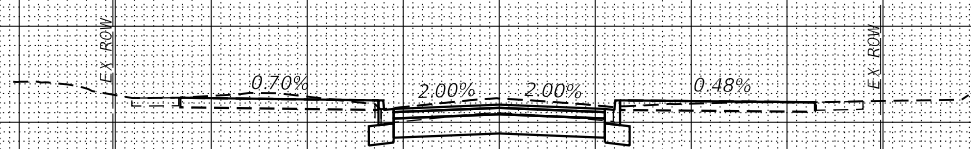
FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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

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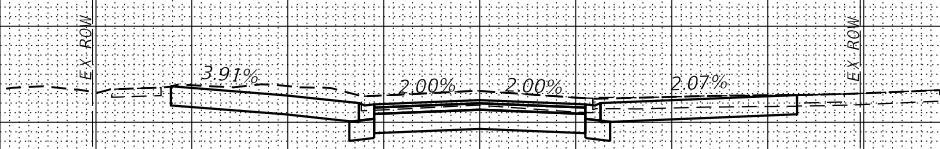
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31+00	36.9	0.0	17.1	20.5
31+50	31.8	0.8	17.1	20.5
32+00	36.3	0.0	25.3	20.4

710
705
31 + 50



710
705

32 + 18



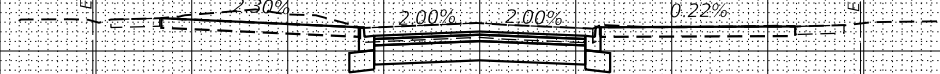
710
705

710
705
31 + 41



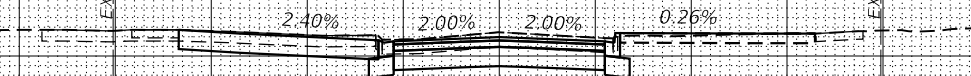
710
705

32 + 00



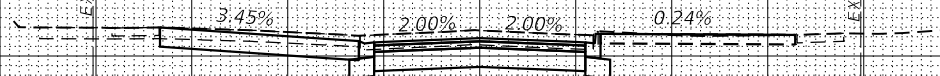
710
705

710
705
31 + 27



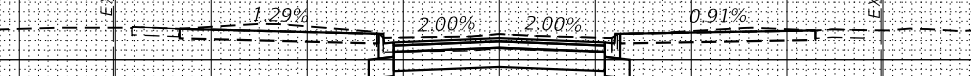
710
705

31 + 79



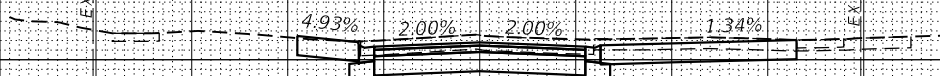
710
705

710
705
31 + 00



710
705

31 + 68



710
705

BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmilller	DESIGNED - SAM	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJS	REVISED -
PLOT DATE = 9/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. 31+00 TO STA. 32+18

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	76
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB91961				

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

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

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STA	CUT SQ FT	FILL SQ FT	TPSL REM SQ FT	TPSL PLACE SQ FT
32+50	47.6	0.0	17.0	20.5
33+00	49.6	0.0	17.1	20.7
33+50	44.7	0.0	17.8	21.5
34+00	82.9	0.0	5.0	8.0
34+50	41.2	0.0	17.4	21.1
35+00	39.9	0.1	17.2	20.7

BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmillier
DESIGNED - SAM
DRAWN - KAR
PLOT SCALE = 20.0000 ' / in.
CHECKED - DJS
PLOT DATE = 9/29/2025
DATE -

REVISD -
REVISD -
REVISD -
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. 32+21 TO STA. 35+34

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	77
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB91961				

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

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

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STA	CUT SQ FT	FILL SQ FT	TPSL REM SQ FT	TPSL PLACE SQ FT
35+50	48.7	0.0	17.2	20.8
36+00	50.4	0.0	10.3	10.1
36+50	58.1	0.0	16.6	10.2
37+00	33.9	1.6	16.8	20.3
37+50	22.5	5.3	17.7	21.4
38+00	60.2	0.0	4.0	6.3

USER NAME	= jmillr
DESIGNED	- SAM
DRAWN	- KAR
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 9/29/2025

REVISD	-
REVISD	-
REVISD	-
REVISD	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. 35+50 TO STA. 38+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	78
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB91961				

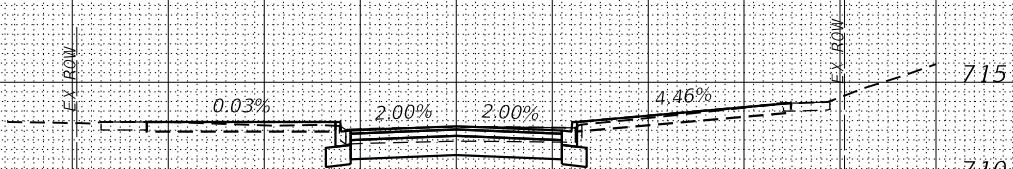
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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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

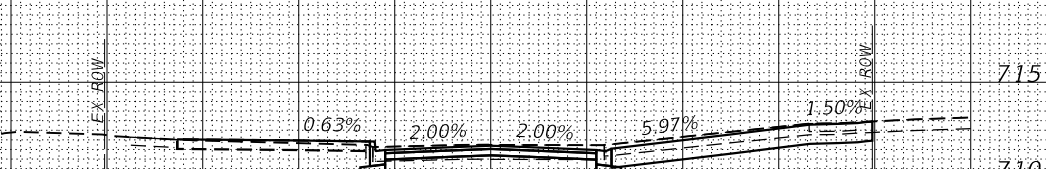
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STA	CUT SQ FT	FILL SQ FT	TPSL REM SQ FT	TPSL PLACE SQ FT
38+50	19.2	6.8	18.5	22.3
39+00	18.8	4.5	10.3	21.5
39+50	25.2	2.1	17.3	21.0
40+00	24.6	0.3	7.0	20.5

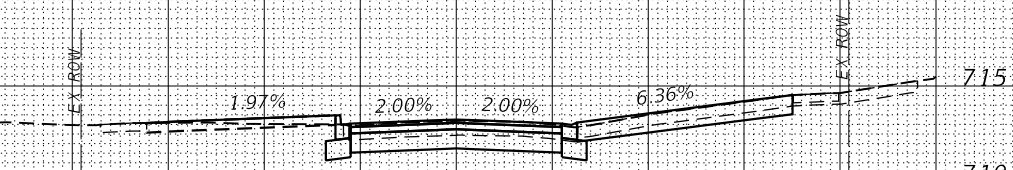
39+50



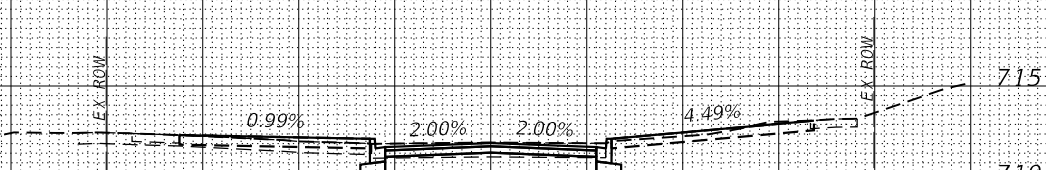
40+26



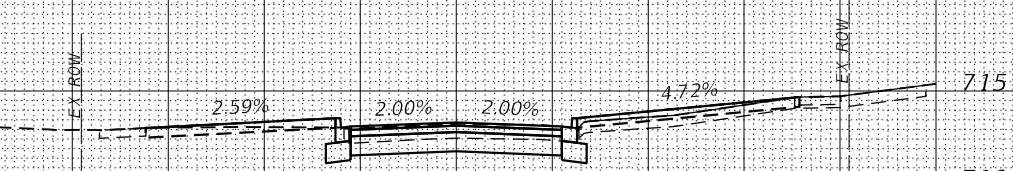
39+08



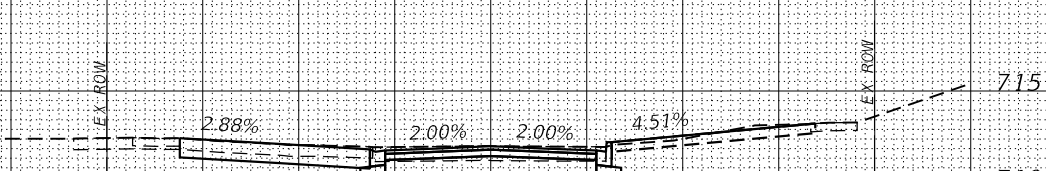
40+00



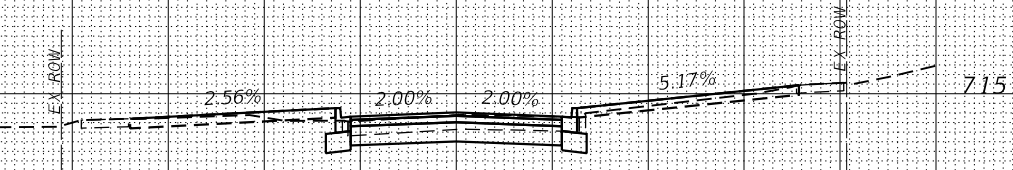
39+00



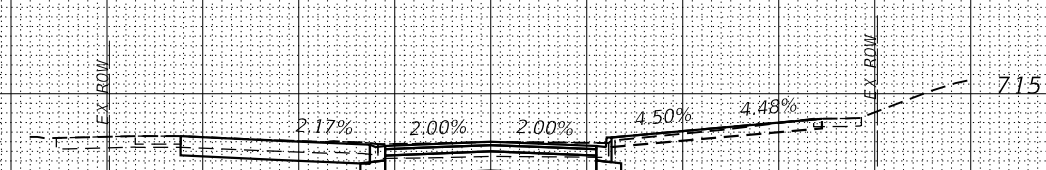
39+94



38+50



39+65



BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmilller	DESIGNED - SAM	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJS	REVISED -
PLOT DATE = 9/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. 38+50 TO STA. 40+26

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	79
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB91961				

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

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

MODEL Default
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STA	CUT SQ FT	FILL SQ FT	TPSL REM SQ FT	TPSL PLACE SQ FT
40+50	32.2	0.2	17.1	20.5
41+00	34.5	0.8	17.3	20.8
41+50	85.0	0.0	0.0	0.0
42+00	36.7	0.2	18.0	21.8
42+50	32.8	1.1	10.1	10.0

BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmilller
DESIGNED - SAM
DRAWN - KAR
PLOT SCALE = 20,0000 ' / in.
CHECKED - DJS
PLOT DATE = 9/29/2025
DATE -

REVISD -
REVISD -
REVISD -
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. 40+50 TO STA. 42+78

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	80
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB91961				

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

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

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Green Bay.dgn

STA	CUT SQ FT	FILL SQ FT	TPSL REM SQ FT	TPSL PLACE SQ FT
43+00	26.7	3.2	13.9	20.5
43+50	29.0	0.5	17.2	20.6
44+00	46.4	0.0	7.1	10.9
44+50	40.3	0.3	17.0	20.8

USER NAME	= jmillier	DESIGNED -	SAM	REVISED -	
		DRAWN -	KAR	REVISED -	
PLOT SCALE	= 20.0000 ' / in.	CHECKED -	DJS	REVISED -	
PLOT DATE	= 9/29/2025	DATE	-	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. 43+00 TO STA. 44+80

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	81
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB91961				

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

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

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45+00	60.9	0.1	11.8	11.9
45+50	30.9	0.7	20.4	24.2
46+00	26.6	0.5	16.2	20.3
46+50	34.7	0.8	7.9	9.3
47+00	32.5	2.6	11.4	18.0

BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmilller
DESIGNED - SAM
DRAWN - KAR
PLOT SCALE = 20.0000 ' / in.
CHECKED - DJS
PLOT DATE = 9/29/2025
DATE -

REVIS
REVIS
REVIS
REVIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. 45+00 TO STA. 47+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	82
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB91961				

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

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

MODEL: Default
FILE NAME: P:\6810\68100000\Green Bay Rd Recor\CAD Sheets\212_North\180039-00-PV-SHT-1-Asse_GreenBay.dgn

STA	CUT SQ FT	FILL SQ FT	TPSL REM SQ FT	TPSL PLACE SQ FT
47+50	48.0	1.1	7.1	7.8
48+00	28.5	2.5	9.2	11.4
48+50	25.5	3.3	5.3	5.9
49+00	50.6	0.0	2.9	4.4
49+50	33.0	0.4	6.7	9.0

BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmillier
DESIGNED - SAM
DRAWN - KAR
PLOT SCALE = 20,0000 ' / in.
CHECKED - DJS
PLOT DATE = 9/29/2025
DATE -

REVISD -
REVISD -
REVISD -
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. 47+15 TO STA. 49+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	83
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB9(961)				

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

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

MODEL: Default
FILE NAME: P:\1808\1808-00-Green Bay Rd Record\CAD Sheets\112_North\1808-00-SS1-SHT-1.dwg
Green Bay Rd

STA	CUT SQ FT	FILL SQ FT	TPSL REM SQ FT	TPSL PLACE SQ FT
49+68	330	0.7	6.6	8.9

50+00

49+78

EX ROW

1.60%

2.00%

2.00%

6.55%

710

705

BAXTER & WOODMAN
Consulting Engineers

USER NAME = jmillier	DESIGNED - SAM	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED - DJS	REVISED -
PLOT DATE = 9/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. 49+67 TO STA. 50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2711	18-00039-00-PV	LAKE	84	84
CONTRACT NO. 61M08				
ILLINOIS FED. AID PROJECT 5AB91961				