

INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAU ROUTE 6769 (IL 98)
SECTION 8RS-4
PROJECT STP-K7IW(910)
3P RESURFACING
TAZEWELL COUNTY

C-94-083-24

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	1
		ILLINOIS	CONTRACT NO. 68J31	

D-94-055-24



SCOPE OF WORK: THIS PROJECT CONSISTS OF A 3P RESURFACING OF IL 98 FROM IL 29 TO 0.2 MILE WEST OF PARKWAY DRIVE, INCLUDING PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENT, AND OTHER COLLATERAL WORK.

HIGHWAY STANDARDS

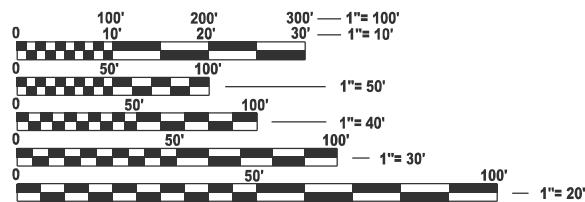
- 000001-09 642001-03 701306-04 780001-05
- 482011-03 701001-02 701311-03 781001-04
- 630001-13 701006-05 701502-09
- 630301-09 701201-05 701901-11
- 631031-18 701301-04 725001-01

D4 CADD STANDARDS

- 406101-D4 780001-D4
- 406201-D4
- 630101-D4
- 635003-D4

DESIGN DESIGNATION:

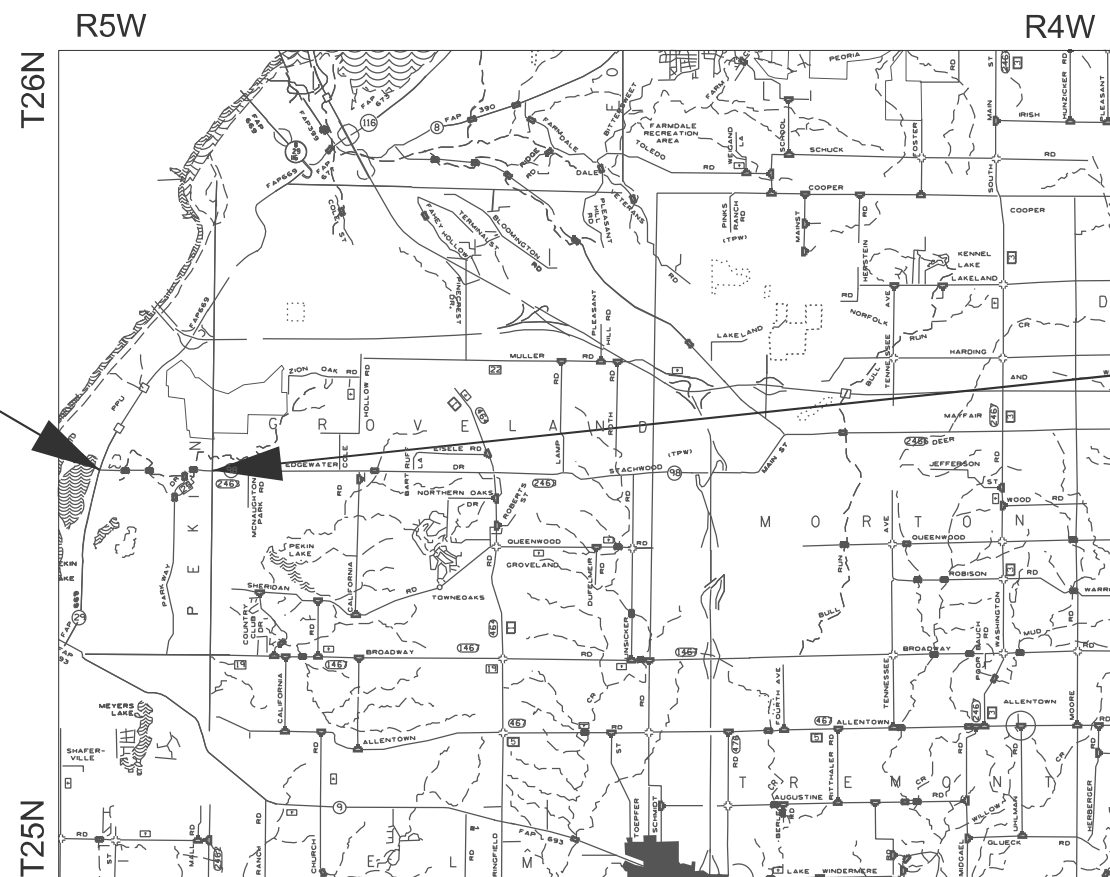
- OTHER PRINCIPAL ARTERIAL
- ADT (2023): 5100
- MU (2023): 2.203%
- SU (2023): 3.450%



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

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

BEGIN IMPROVEMENTS
IL 98
STATION 0+48.44



END IMPROVEMENT
IL 98
STATION 71+55

PROJECT ENGINEER : REBECCA MARRUFFO 309-671-3394
PROJECT MANAGER : KYLE HARRISON 309-671-3462
CATALOG NO. 036535-00D
CONTRACT NO. 68J31

GROSS LENGTH = 7155.00 FT. = 1.3551 MILE
NET LENGTH = 6837.00 FT. = 1.2948 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Mar 27, 2026
Kensil A. Garnett
REGIONAL ENGINEER

May 8 2026
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-7 SUMMARY OF QUANTITIES
- 8-13 TYPICAL SECTIONS
- 14-17 SCHEDULES OF QUANTITIES
- 18 LINE DIAGRAM
- 19-21 GENERAL PLAN
- 22-26 PAVEMENT MARKING DETAILS
- 27-33 DETECTOR LOOP DETAILS
- 34-36 MEDIAN REMOVAL PARTIAL DEPTH DETAILS
- 37-45 DISTRICT STANDARDS

105.06 AVAILABILITY OF ELECTRONIC FILES

MicroStation and GEOPAK files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

107.00 COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

107.09A CONSECUTIVE SIDE STREET (ROAD) CLOSURE - PROHIBITED

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent sideroads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

107.29 WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken:

- All cold milled surfaces shall be overlaid.
- All lanes shall be reopened to traffic.
- Manholes, where applicable, shall be adjusted to the elevation of the binder course/leveling binder to ease in plowing snow, and re-adjusted to finished grade in the Spring. The initial manhole adjustment will be paid for at the contract unit price and any re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
- Temporary or permanent pavement marking shall be placed as applicable.

204.00 ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Borrow Site Review)
- * BDE Form 2290 (Waste/Use Area Review)
- * A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form - D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

351.00 AGGREGATE (DESCRIPTION), TYPE B

Aggregate (Description), Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

351.08 AGGREGATE FOR DRIVEWAY REPLACEMENT

The material used for construction of permanent aggregate driveways shall be gravel or crushed stone, as directed by the Engineer, to replace in kind the existing aggregate driveways.

No additional compensation shall be provided for this requirement but shall be considered as included in the cost of the pay item for the aggregate as specified on the plans.

406.05 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb / sq ft
Existing Pavement	0.08 lb / sq ft
Fog Coat (between lifts)	0.08 lb / sq ft

406.18 BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

406.19 PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

503.00 CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structures, SN090-0146, SN090-0151, may be crossed with the empty MTD. Any structures not listed above shall be verified by the resident prior to beginning work.

701.01 ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

The Department reserves the right at any time to add additional Traffic Control Systems or devices within the active contract limits, by means of an additional contract. All terms of Article 105.08 of the Standard Specifications shall be followed by each Contractor.

780.00 NO PASSING ZONE VERIFICATION

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

The following mixture requirements are applicable for this project:

Location(s):	Mainline	Mainline	Mainline	Mainline	Shoulder	Shoulder	Incidental
Mixture Use(s):	Polymer Surface 2.0"	Binder 1.75"	Polymer Surface 1.5"	Polymer Level Binder 1"	Polymer Shoulder Surface 2.0"	Polymer Shoulder Lower Lift 1.75"	Incidental Paving
AC/PG:	SBS or SBR 70-28	PG 58-28	SBS or SBR 70-28	SBS or SBR 70-28	SBS or SBR 70-28	PG 58-28	PG 58-28
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 9.5	IL 9.5	IL 4.75	IL 9.5	IL 9.5	IL 9.5
Friction Aggregate:	Mix D	N/A	Mix D	N/A	Mix D	N/A	N/A
Quality Management Program:	QCP	QCP	QCP	QCP	QCP	QCP	QCQA
MTD:	YES	YES	YES	YES	YES	YES	NO

Note: 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer.
 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted.
 3) Sublot sizes for P/P and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

MODEL: General Notes (Sheet)
FILE NAME: c:\p\work\pav\1072835\04683131-sh-GenNote.dgn

USER NAME = nataliegh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	2
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				FED/STATE
				80%/20%
				ROADWAY
				0005
				URBAN
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	8	8
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	56242	56242
40600405	MATERIAL TRANSFER DEVICE	TON	7567	7567
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2072	2072
40600990	TEMPORARY RAMP	SQ YD	399	399
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	614	614
40603205	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	2649	2649
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	4068	4068
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	195	195
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	9226	9226
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	27516	27516
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	1590	1590
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	70	70
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	22	22

MODEL: SOQ (Sheet)-1
 FILE NAME: c:\p\work\pwrifon\natalieigh.richardson@illinois.gov\1067835\0468131-sh-SOQ.dgn

USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	3
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				FED/STATE	
				80%/20%	
				ROADWAY	
		0005			
		URBAN			
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	73	73	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	203	203	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	242	242	
56109210	WATER VALVES TO BE ADJUSTED	EACH	1	1	
60255500	MANHOLES TO BE ADJUSTED	EACH	6	6	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	575	575	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8	8	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8	8	
63200310	GUARDRAIL REMOVAL	FOOT	1275	1275	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	431	431	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	

*= SPECIALTY ITEM

MODEL: SOQ (Sheet) - 2
FILE NAME: c:\p\work\pwin\of\natalieigh.richardson@illinois.gov\1067835\0468131-sh-SOQ.dgn

USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	4
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				FED/STATE	
				80%/20%	
				ROADWAY	
		0005			
		URBAN			
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2028	2028	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	225	225	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1430	1430	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	17724	17724	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	12601	12601	
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	1729	1729	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	760	760	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	335	335	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1430	1430	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	19012	19012	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	13360	13360	

*= SPECIALTY ITEM

MODEL: SOQ (Sheet) - 3
FILE NAME: c:\p\work\pavinfo\nataleigh_richardson@illinois.gov\1067835\0468131-sh-SOQ.dgn

USER NAME = nataleigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	5
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				FED/STATE	
				80%/20%	
				ROADWAY	
		0005		URBAN	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1637	1637	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	909	909	
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	335	335	
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	2006	2006	
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	17724	17724	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	12693	12693	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1637	1637	
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	760	760	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	335	335	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	373	373	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	341	341	
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	1158	1158	
X4810200	AGGREGATE SHOULDER REMOVAL	CU YD	3	3	
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	20	20	

*= SPECIALTY ITEM

MODEL: SOQ (Sheet) - 4
FILE NAME: c:\p\work\pav\ofon\natalieigh.richardson@illinois.gov\1067835\0468131-sh-SOQ.dgn

USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	6
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				FED/STATE
				80%/20%
				ROADWAY
				0005
				URBAN
X8860105	DETECTOR LOOP REPLACEMENT	FOOT	1325	1325
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	238	238

MODEL: SOQ (Sheet) - 5
FILE NAME: c:\p\work\wifoin\natalieigh.richardson@illinois.gov\1067835\0468131-sh-SOQ.dgn

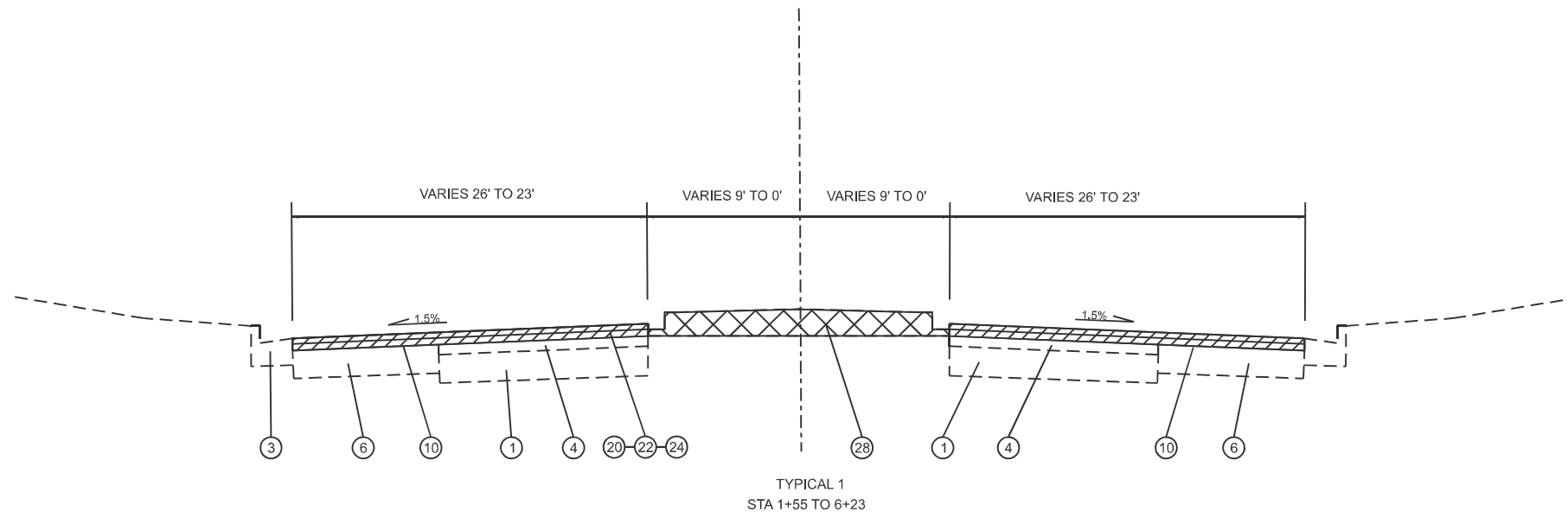
USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	7
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



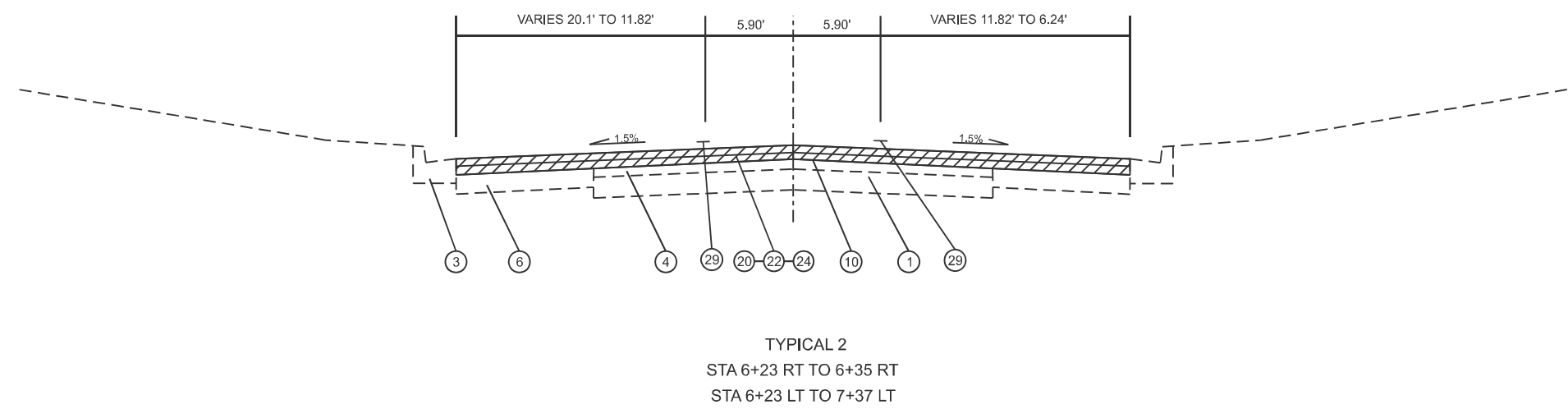
LEGEND

EXISTING

- 1. EXISTING PCC PAVEMENT
- 2. EXISTING BITUMINOUS LEVELING BINDER VARIABLE DEPTH
- 3. EXISTING CURB & GUTTER
- 4. EXISTING BITUMINOUS SURFACE
- 5. EXISTING BITUMINOUS BASE COURSE 9"
- 6. EXISTING PCC BASE COURSE 8"
- 7. EXISTING BITUMINOUS SHOULDER 8"
- 8. EXISTING AGGREGATE SHOULDER
- 9. EXISTING CONCRETE GUTTER TYPE A (MODIFIED)
- 10. EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
- 11. EXISTING BITUMINOUS BASE COURSE 12"

PROPOSED

- 20. HMA SURFACE REMOVAL 2.5"
- 21. HMA SURFACE REMOVAL 3.75"
- 22. POLY HMA BINDER 1.0"
- 23. POLY HMA BINDER 1.75"
- 24. POLY HMA SURFACE 1.5"
- 25. POLY HMA SURFACE 2.0"
- 26. HMA SHOULDERS
- 27. AGGREGATE SHOULDER, TYPE B
- 28. MEDIAN REMOVAL PARTIAL DEPTH (CORRUGATED MEDIAN REMOVAL 2.5")
- 29. PAVEMENT MARKING
- 30. GUARDRAIL



MODEL: Typical Sections (Sheet) - 1
FILE NAME: c:\p\work\project\natalie.richardson@illinois.gov\1067835\0468131-shi-typical3.dgn

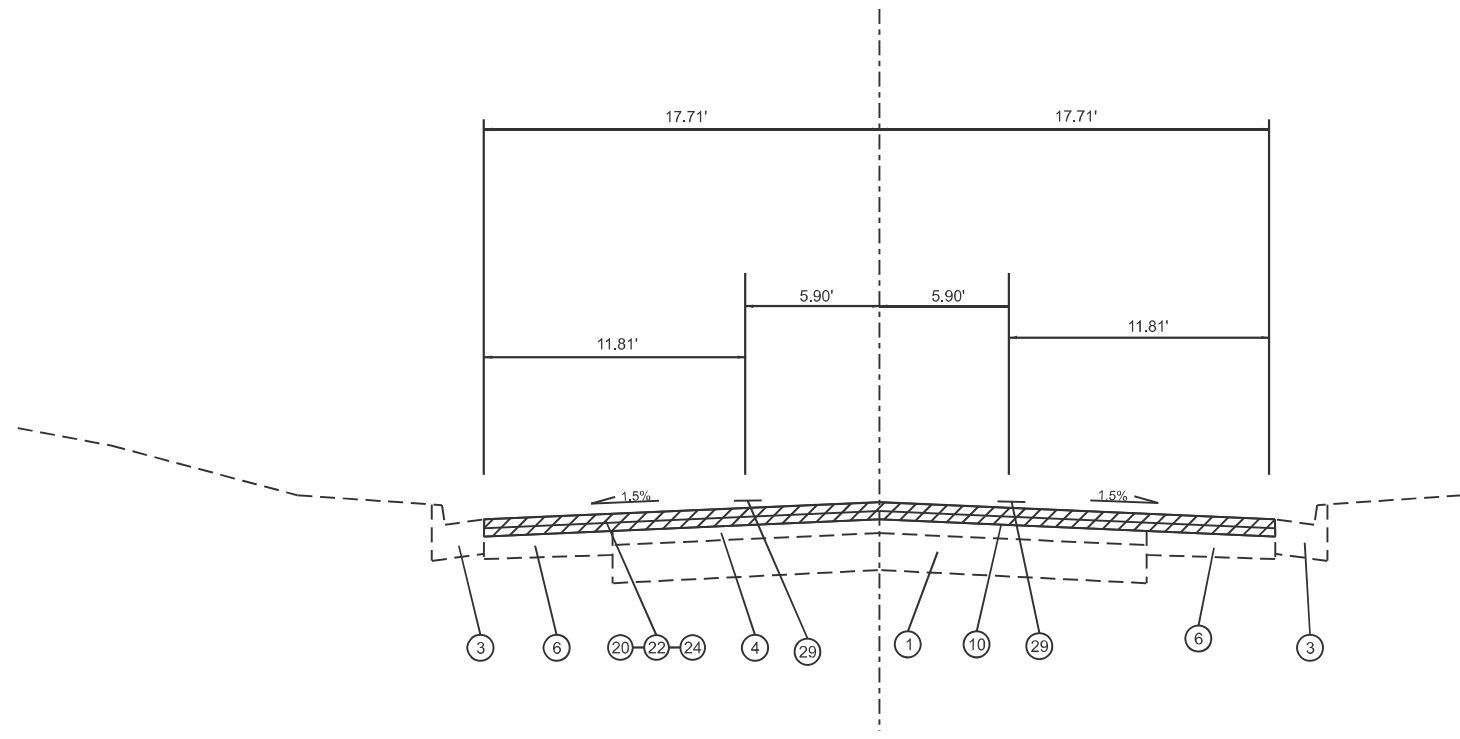
USER NAME = natalie.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	8
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



TYPICAL 3
 STA 6+35 RT TO 9+75 RT
 STA 7+37 LT TO 9+75 LT

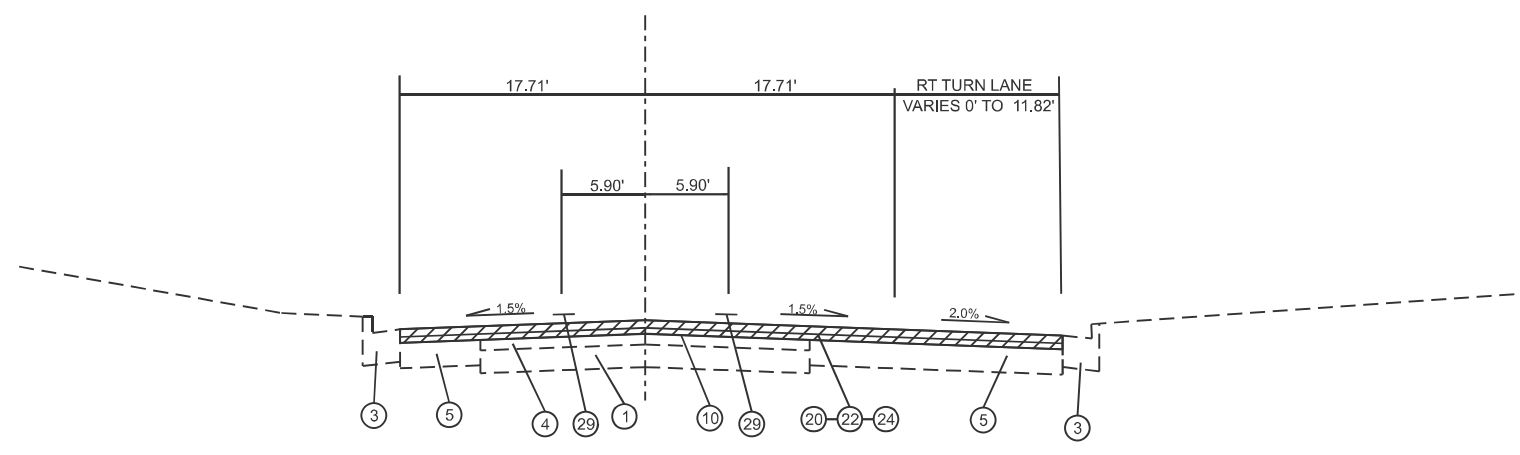
LEGEND

EXISTING

- 1. EXISTING PCC PAVEMENT
- 2. EXISTING BITUMINOUS LEVELING BINDER VARIABLE DEPTH
- 3. EXISTING CURB & GUTTER
- 4. EXISTING BITUMINOUS SURFACE
- 5. EXISTING BITUMINOUS BASE COURSE 9"
- 6. EXISTING PCC BASE COURSE 8"
- 7. EXISTING BITUMINOUS SHOULDER 8"
- 8. EXISTING AGGREGATE SHOULDER
- 9. EXISTING CONCRETE GUTTER TYPE A (MODIFIED)
- 10. EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
- 11. EXISTING BITUMINOUS BASE COURSE 12"

PROPOSED

- 20. HMA SURFACE REMOVAL 2.5"
- 21. HMA SURFACE REMOVAL 3.75"
- 22. POLY HMA BINDER 1.0"
- 23. POLY HMA BINDER 1.75"
- 24. POLY HMA SURFACE 1.5"
- 25. POLY HMA SURFACE 2.0"
- 26. HMA SHOULDERS
- 27. AGGREGATE SHOULDER, TYPE B
- 28. MEDIAN REMOVAL PARTIAL DEPTH (CORRUGATED MEDIAN REMOVAL 2.5")
- 29. PAVEMENT MARKING
- 30. GUARDRAIL



TYPICAL 4
 STA 9+75 RT TO 12+73 RT
 STA 9+75 LT TO 14+96 LT

MODEL: Typical Sections (Sheet) - 2
 FILE NAME: c:\p\work\pav\in\natalieigh.richardson@illinois.gov\1067835\0468131-shi-typical3.dgn

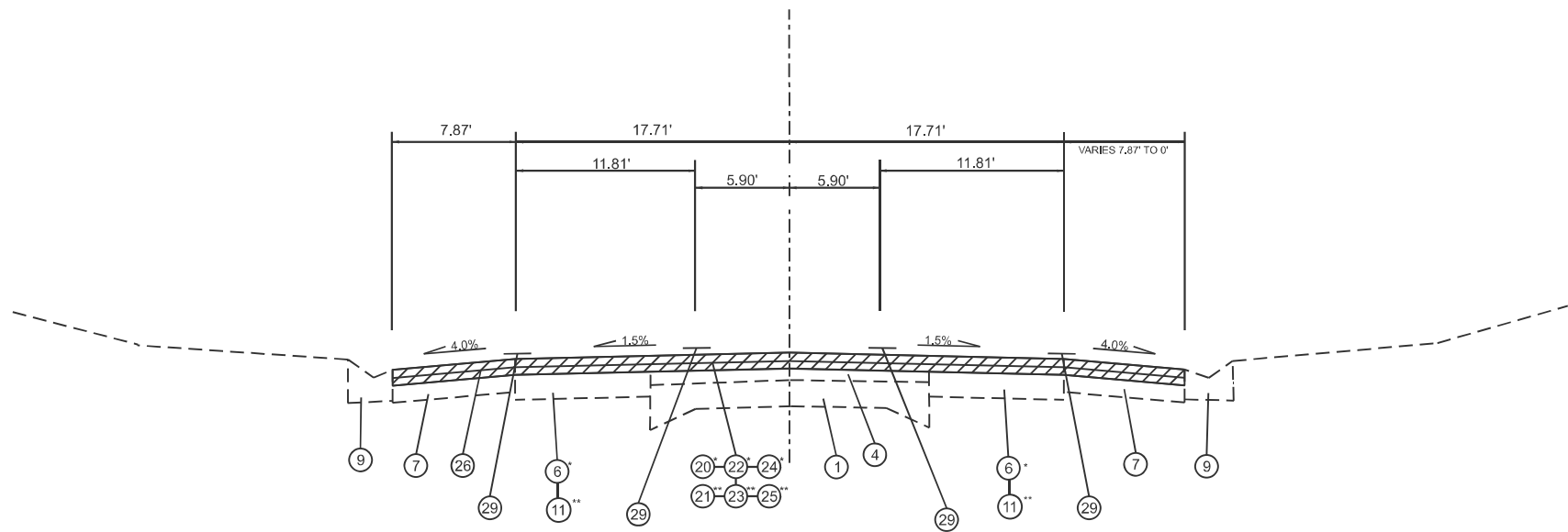
USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	9
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



TYPICAL 5
 STA 12+73 RT TO 14+60 RT *
 STA 14+96 LT TO 16+24 LT *
 STA 52+26 RT TO 56+70 RT **
 STA 47+74 LT TO 52+82 RT **

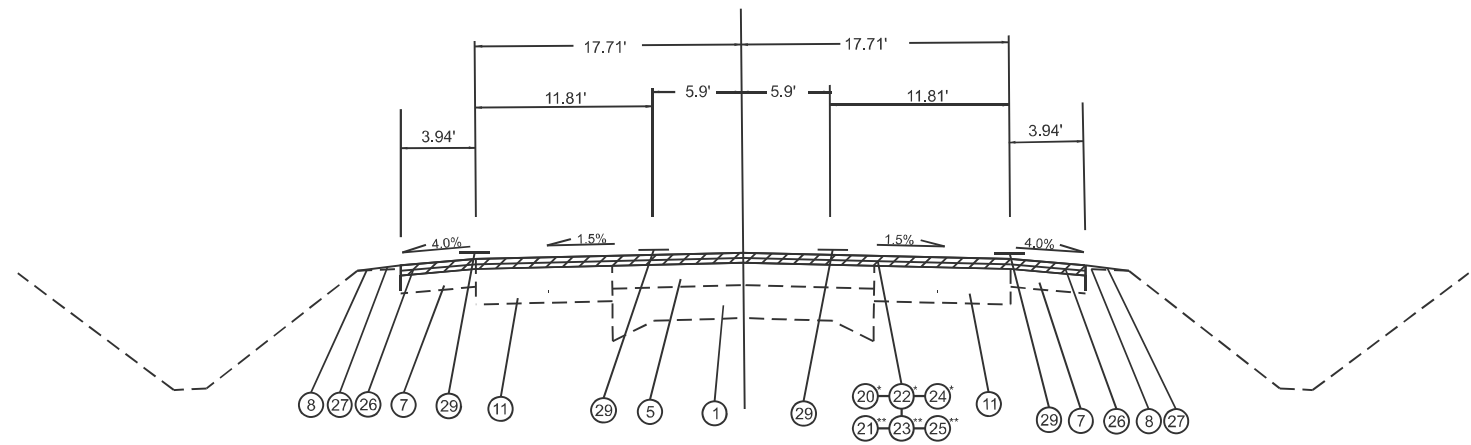
LEGEND

EXISTING

- 1. EXISTING PCC PAVEMENT
- 2. EXISTING BITUMINOUS LEVELING BINDER VARIABLE DEPTH
- 3. EXISTING CURB & GUTTER
- 4. EXISTING BITUMINOUS SURFACE
- 5. EXISTING BITUMINOUS BASE COURSE 9"
- 6. EXISTING PCC BASE COURSE 8"
- 7. EXISTING BITUMINOUS SHOULDER 8"
- 8. EXISTING AGGREGATE SHOULDER
- 9. EXISTING CONCRETE GUTTER TYPE A (MODIFIED)
- 10. EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
- 11. EXISTING BITUMINOUS BASE COURSE 12"

PROPOSED

- 20. HMA SURFACE REMOVAL 2.5"
- 21. HMA SURFACE REMOVAL 3.75"
- 22. POLY HMA BINDER 1.0"
- 23. POLY HMA BINDER 1.75"
- 24. POLY HMA SURFACE 1.5"
- 25. POLY HMA SURFACE 2.0"
- 26. HMA SHOULDERS
- 27. AGGREGATE SHOULDER, TYPE B
- 28. MEDIAN REMOVAL PARTIAL DEPTH (CORRUGATED MEDIAN REMOVAL 2.5")
- 29. PAVEMENT MARKING
- 30. GUARDRAIL



TYPICAL 6
 STA 16+24 LT TO 16+50 LT *
 STA 16+50 LT TO 33+46 LT **
 STA 14+60 RT TO 16+50 RT *
 STA 16+50 RT TO 33+46 RT **
 STA 39+37 TO 41+04 **
 STA 51+18 RT TO 52+26 RT **
 STA 52+82 LT TO 56+70 LT **

MODEL: Typical Sections (Sheet) - 3
 FILE NAME: c:\p\work\project\natalie.leigh.richardson@illinois.gov\1067835\0468131-sh-typical-3.dgn

USER NAME = natalie.leigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
SCALE:	SHEET 3	OF 6 SHEETS	STA. TO STA.




F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	10
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

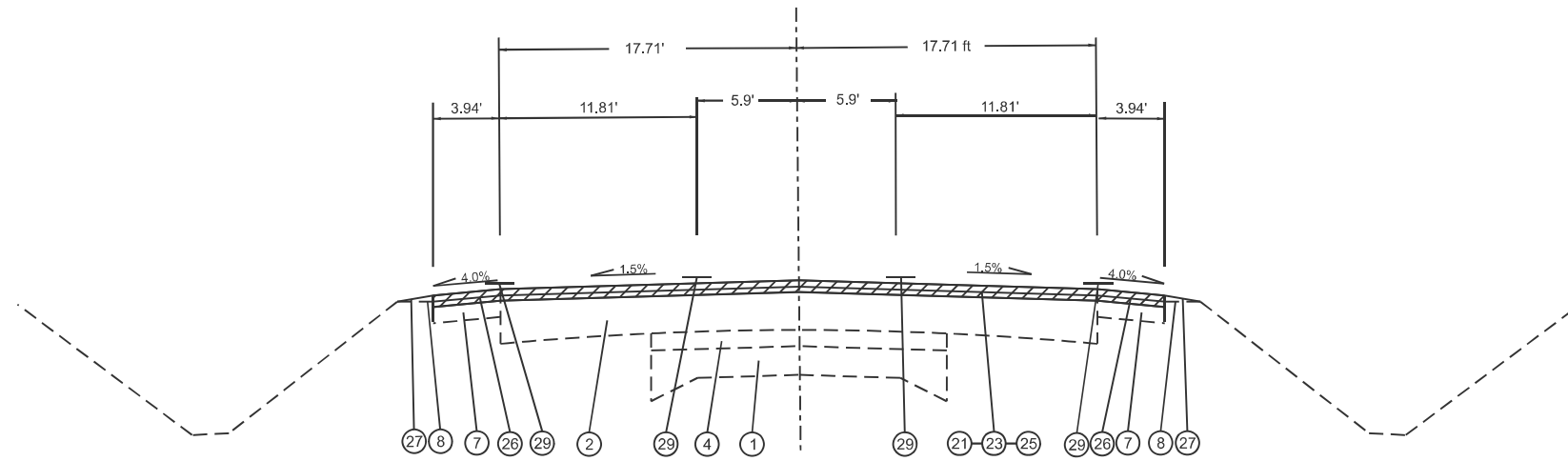
LEGEND

EXISTING

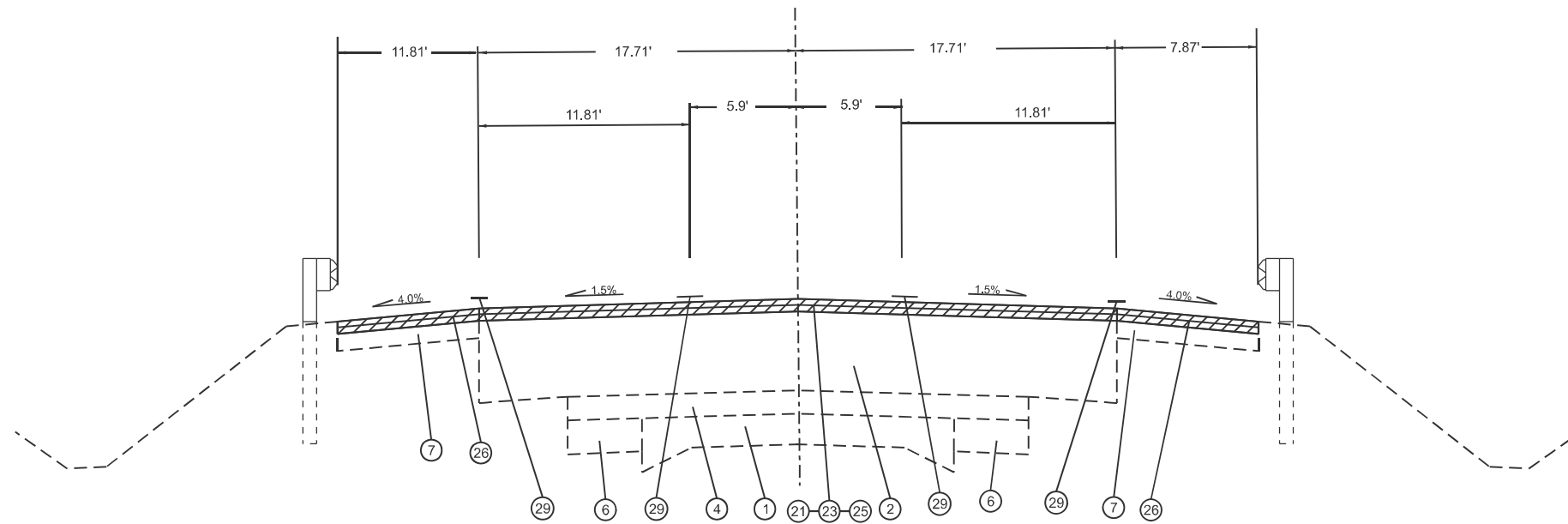
1. EXISTING PCC PAVEMENT
2. EXISTING BITUMINOUS LEVELING BINDER VARIABLE DEPTH
3. EXISTING CURB & GUTTER
4. EXISTING BITUMINOUS SURFACE
5. EXISTING BITUMINOUS BASE COURSE 9"
6. EXISTING PCC BASE COURSE 8"
7. EXISTING BITUMINOUS SHOULDER 8"
8. EXISTING AGGREGATE SHOULDER
9. EXISTING CONCRETE GUTTER TYPE A (MODIFIED)
10. EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
11. EXISTING BITUMINOUS BASE COURSE 12"

PROPOSED

20. HMA SURFACE REMOVAL 2.5" 
21. HMA SURFACE REMOVAL 3.75" 
22. POLY HMA BINDER 1.0"
23. POLY HMA BINDER 1.75"
24. POLY HMA SURFACE 1.5"
25. POLY HMA SURFACE 2.0"
26. HMA SHOULDERS
27. AGGREGATE SHOULDER, TYPE B
28. MEDIAN REMOVAL PARTIAL DEPTH (CORRUGATED MEDIAN REMOVAL 2.5") 
29. PAVMENT MARKING
30. GUARDRAIL



TYPICAL 7
 STA 33+46 TO 34+77
 STA 38+71 TO 39+37



TYPICAL 8
 STA 34+78 TO 36+10.5
 STA 37+81.9 TO 38+71
 BRIDGE OMISSION
 STA 36+110.5 TO 37+81.9

MODEL: Typical Sections (Sheet) - 4
 FILE NAME: c:\p\work\project\natalie.richardson@illinois.gov\1067835\0468131-sh-typical3.dgn

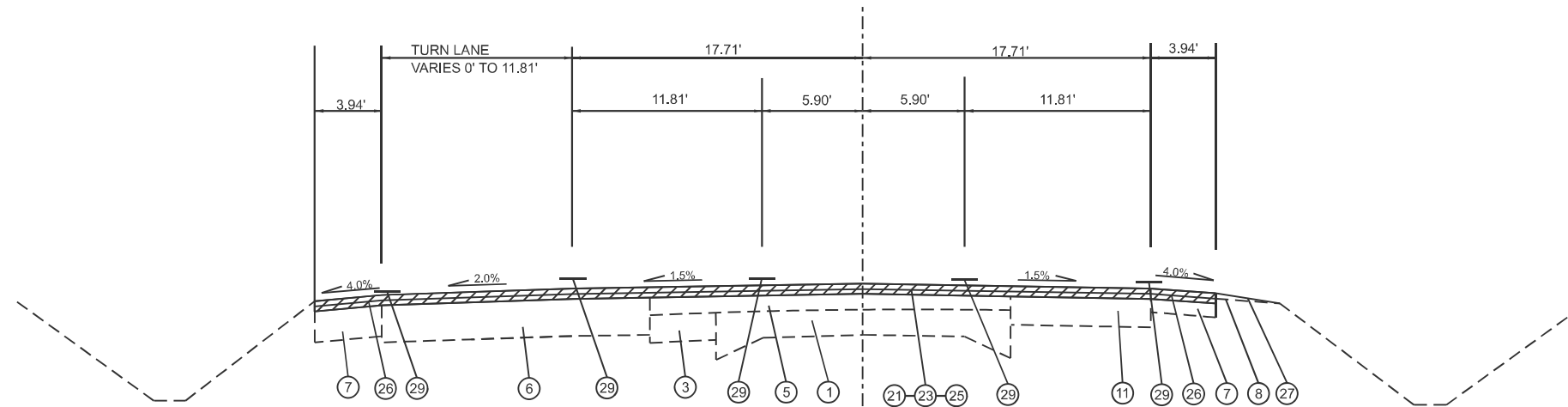
USER NAME = natalie.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	11
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



TYPICAL 9
 STA 41+04 LT TO 47+73 LT
 STA 41+04 RT TO 46+32 RT

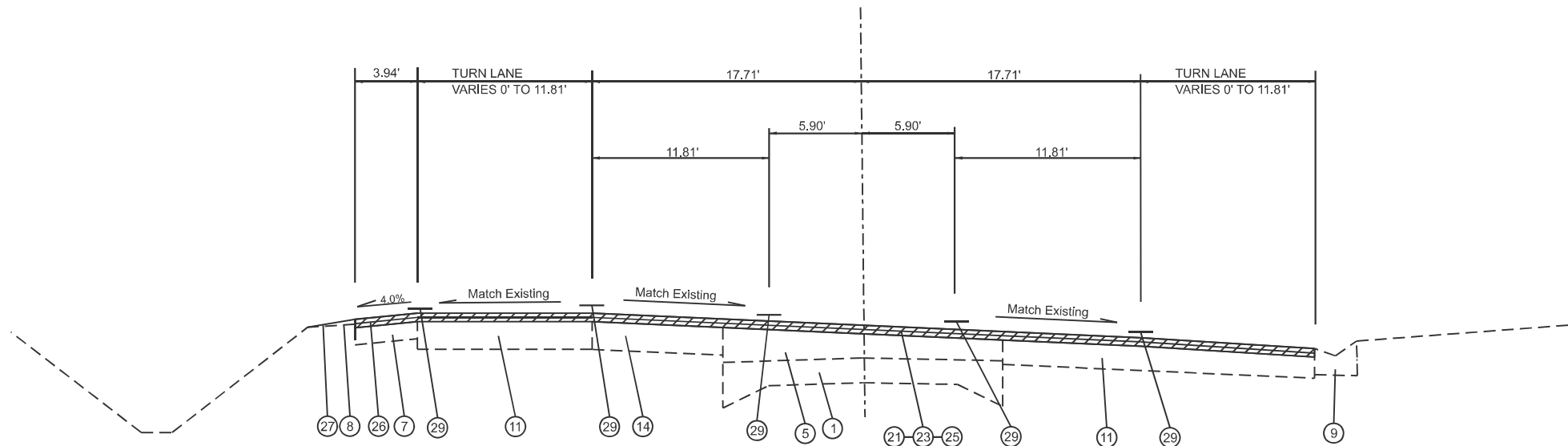
LEGEND

EXISTING

- 1. EXISTING PCC PAVEMENT
- 2. EXISTING BITUMINOUS LEVELING BINDER VARIABLE DEPTH
- 3. EXISTING CURB & GUTTER
- 4. EXISTING BITUMINOUS SURFACE
- 5. EXISTING BITUMINOUS BASE COURSE 9"
- 6. EXISTING PCC BASE COURSE 8"
- 7. EXISTING BITUMINOUS SHOULDER 8"
- 8. EXISTING AGGREGATE SHOULDER
- 9. EXISTING CONCRETE GUTTER TYPE A (MODIFIED)
- 10. EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
- 11. EXISTING BITUMINOUS BASE COURSE 12"

PROPOSED

- 20. HMA SURFACE REMOVAL 2.5"
- 21. HMA SURFACE REMOVAL 3.75"
- 22. POLY HMA BINDER 1.0"
- 23. POLY HMA BINDER 1.75"
- 24. POLY HMA SURFACE 1.5"
- 25. POLY HMA SURFACE 2.0"
- 26. HMA SHOULDERS
- 27. AGGREGATE SHOULDER, TYPE B
- 28. MEDIAN REMOVAL PARTIAL DEPTH (CORRUGATED MEDIAN REMOVAL 2.5")
- 29. PAVEMENT MARKING
- 30. GUARDRAIL



TYPICAL 10
 STA 56+70 TO 66+ 47

MODEL: Typical Sections (Sheet) - 5
 FILE NAME: c:\p\work\project\natalie.richardson@illinois.gov\1067835\0468131-shit-typical3.dgn

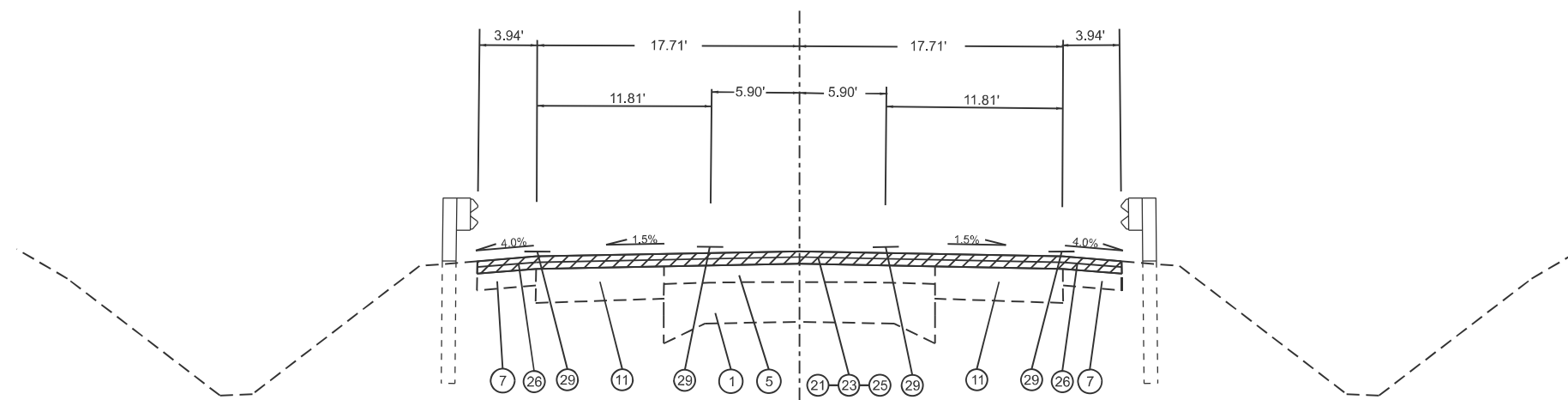
USER NAME = natalie.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	12
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



TYPICAL 11
STA 66+47 TO 71+30

LEGEND

EXISTING

- 1. EXISTING PCC PAVEMENT
- 2. EXISTING BITUMINOUS LEVELING BINDER VARIABLE DEPTH
- 3. EXISTING CURB & GUTTER
- 4. EXISTING BITUMINOUS SURFACE
- 5. EXISTING BITUMINOUS BASE COURSE 9"
- 6. EXISTING PCC BASE COURSE 8"
- 7. EXISTING BITUMINOUS SHOULDER 8"
- 8. EXISTING AGGREGATE SHOULDER
- 9. EXISTING CONCRETE GUTTER TYPE A (MODIFIED)
- 10. EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
- 11. EXISTING BITUMINOUS BASE COURSE 12"

PROPOSED

- 20. HMA SURFACE REMOVAL 2.5"
- 21. HMA SURFACE REMOVAL 3.75"
- 22. POLY HMA BINDER 1.0"
- 23. POLY HMA BINDER 1.75"
- 24. POLY HMA SURFACE 1.5"
- 25. POLY HMA SURFACE 2.0"
- 26. HMA SHOULDERS
- 27. AGGREGATE SHOULDER, TYPE B
- 28. MEDIAN REMOVAL PARTIAL DEPTH (CORRUGATED MEDIAN REMOVAL 2.5")
- 29. PAVEMENT MARKING
- 30. GUARDRAIL

MODEL: Typical Sections (Sheet) - 6
FILE NAME: c:\p\work\project\natalieigh.richardson@illinois.gov\1067835\0468131-shit-typical-3.dgn

USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	13
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

MAINLINE SCHEDULE

LOCATION	LENGTH	WIDTH	AREA	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL, 2.5"	HMA SURFACE REMOVAL, 3.75"	HMA SURFACE REMOVAL, SPECIAL	POLY BITUMINOUS MATERIALS(TACK COAT) 0.08 LBS/SQ FT		POLY HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50			MATERIAL TRANSFER DEVICE	MEDIAN REMOVAL PARTIAL DEPTH	SHOULDER RUMBLE STRIPS, 16"
								JOINT TRIMMING	TWO APPLICATIONS	JOINT TRIMMING	1.0"	1.75"	1.5"	2.0"	JOINT TRIMMING			
STATION	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	LBS	LBS	TON	TON	TON	TON	TON	TON	SQ FT	FOOT
STA 00+56.91 TO STA 00+66.91	10	160	140.1	140.1	24.1				201.8		7.8		11.8			19.6		
STA 00+66.91 TO STA 08+46.27	779	160 TO 35	4515.4			4515.4		217.7	6502.2	156.7	341.9		512.8		18.3	873.0	1589.8	431.3
STA 08+46.27 TO STA 13+94.12	548	35.5 TO 47	2421.4			2421.4		91.3	3486.8	65.7	135.6		203.4		7.7	346.7		
STA 13+94.12 TO STA 16+50.00	256	35.5	1003.8			1003.8		37.4	1445.4	26.9	56.2		84.3		3.1	143.7		
STA 16+50.00 TO STA 35+81.00	1931	35.5	7591.5				7591.5	248.3	10931.7	178.7		744.0		850.2	27.8	1622.0		
STA 35+81.00 TO STA 36+10.50	30	35.5	116.2	116.2	36.1			3.3	167.3	2.4		11.4		13.0	0.4	24.8		
BRIDGE OMISSION																		
STA 37+81.90 TO STA 38+11.00	29	35.5	116.2	116.2	36.1			3.3	167.4	2.4		11.4		13.0	0.4	24.8		
STA 38+11.00 TO STA 46+00.00	789	35.5 TO 47	3459.4			3459.4		135.8	4981.5	97.8		339.0		387.4	15.2	741.7		
STA 46+00.00 TO STA 56+62.78	1063	35.5 TO 47	4629.4			4629.4		170.4	6666.4	122.7		453.7		518.5	19.1	991.3		
STA 56+62.78 TO STA 65+98.51	936	35.5 TO 47	4419.7			4419.7		169.1	6364.4	121.8		433.1		495.0	18.9	947.1		
STA 65+98.51 TO STA 66+70.62	72	35.5	327.9			327.9		8.0	472.1	5.8		32.1		36.7	0.9	69.8		
STA 66+70.62 TO STA 66+95.62	25	35.5	88.7	88.7	36.1			2.7	127.8	1.9		8.7		9.9	0.3	18.9		
BRIDGE OMISSION																		
STA 68+48.11 TO STA 68+73.11	25	35.5	86.3	86.3	36.1			2.3	124.3	1.6		8.5		9.7	0.3	18.4		
STA 68+73.11 TO STA 71+20.00	247	35.5 TO 26	831.3			831.3		18.0	1197.1	12.9		81.5		93.1	2.0	176.6		
STA 71+20.00 TO STA 71+30.00	10	26	28.6	28.6	36.1			0.6	41.2	0.4		2.8		3.2	0.1	6.1		
SIDE ROADS																		
LAKE SHORE DRIVE SOUTH			880.1	38.0	22.2	880.1		13.7	1267.4	9.8	49.3		73.9		1.1	124.4		
CHATEAU DRIVE			131.6	131.6	22.2	131.6		3.9	189.6	2.8	7.4		11.1		0.3	18.8		
MAIN STREET			1125.4	39.3	33.3	1086.1		26.2	1620.6	18.9		110.3		126.0	2.9	239.3		
PARKWAY DRIVE NORTH			670.0	46.7	50.0	623.3		2.3	964.8	1.7		65.7		75.0	0.3	141.0		
PARKWAY DRIVE SOUTH			523.7	108.9	66.7	414.8		3.8	754.2	2.8		51.3		58.7	0.4	110.4		
SUB-TOTAL				940.9	399.1	8952.3	23383.4	1158.0	47674.0	833.8	598.2	2353.4	897.3	2689.6	119.5	6658.1	1589.8	431.3
SHOULDER SUB-TOTAL				203.7		273.6	4132.1		6365.7		15.3	296.1	23.0	338.4		909.2		
ENTRANCE SUB-TOTAL				927.5					1368.0									
TOTAL				2072	399	9226	27516	1158	56242		614	2649		4068		7567	1590	431

MAILBOX AND ENTRANCES SCHEDULE

LOCATION	TYPE	MATERIAL	AREA	HMA SURFACE REMOVAL - BUTT JOINT	POLY. BIT. MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACING	AGGREGATE SURFACE COURSE, TYPE A	AGG SHOULDER REMOVAL	HMA SHOULDERS
				SQ. YD.	POUND	TON	TON	8"	8"
SIDE	STATION		SQ. YD.	SQ. YD.		TON	TON	CU. YD.	TON
RT	STA 21+36	CE HMA	607.1	607.1	874.2	127.5			
RT	STA 28+35	PE HMA/AGG	55.9	43.1	62.1	9.1	1.1		
LT	STA 28+40	FE HMA/AGG	17.0	12.4	17.9	2.6	0.4		
LT	STA 29+56	FE AGG	17.0				0.4		
LT	STA 30+33	FE HMA/AGG	27.6	10.7	15.4	2.3	1.4		
LT	STA 33+05	CE HMA	58.4	58.4	84.1	12.3			
RT	STA 33+90	PE/MB HMA	36.4	23.4	33.7	4.9	1.9	2.9	5.8
RT	STA 39+73	CE HMA	25.1	25.1	36.1	5.3			
RT	STA 42+27	PE/MB HMA	21.3	21.3	30.7	4.5			
RT	STA 44+05	PE HMA	12.6	12.6	18.1	2.6			
RT	STA 46+53	PE/MB HMA/AGG	40.4	23.6	33.9	4.9	1.4		
RT	STA 51+02	CE HMA/AGG	38.9	24.3	35.0	5.1	1.2		
LT	STA 54+81	CE HMA	25.4	25.4	36.5	5.3			
LT	STA 57+44	CE HMA	23.7	23.7	34.2	5.0			
RT	STA 70+55	PE HMA	16.4	16.4	23.6	3.4			
LT	STA 70+94	MD HMA	22.5	22.5	32.5	4.7			
SUB-TOTAL				927.5	1368.0	194.8	7.9	2.9	5.8
SHOULDER SUB-TOTAL									236.4
TOTAL						195	8	3	242

MODEL: Schedule (Sheet) - 1
FILE NAME: c:\pwworking\matalaigh.richardson@illinois.gov\d1067835\0468131-sh-schedule.dgn

USER NAME = natalaigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	14
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

RESURFACING SHOULDER SCHEDULE

LOCATION		LENGTH	WIDTH	AREA	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL, 2.5"	HMA SURFACE REMOVAL, 3.75"	POLY BIT. MATERIALS (TACK COAT) 0.08 LB/SQ FT	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 1.0"	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 1.75"	POLYMERIZED HOT-MIX SURFACE COURSE, IL 9.5, MIX "D", N50 1.5" 2.0"		HMA SHOULDER 3.75"	MATERIAL TRANSFER DEVICE					
STATION		FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	POUND	TON	TON	TON	TON	TON	TON					
LEFT SHOULDER IL 98																			
STA	13+93	TO	STA	16+09	216	8	192.3		192.3			16.2		26.9					
STA	16+34	TO	STA	34+65	1831	4	813.7		813.7		79.7		91.1	170.9					
STA	34+65	TO	STA	34+91	26	4 to 12	23.2		23.2				4.9	4.9					
STA	34+91	TO	STA	35+81	90	12	119.3		119.3				25.1	25.1					
STA	35+85	TO	STA	35+95	10	12	18.3		18.3				3.8	3.8					
BRIDGE OMISSION																			
STA	37+63	TO	STA	38+11	48	12	59.2		59.2				12.4	12.4					
STA	38+11	TO	STA	39+01	90	12	120.0		120.0				25.2	25.2					
STA	39+01	TO	STA	39+56	55	12 TO 4	48.9		48.9				10.3	10.3					
STA	39+56	TO	STA	40+08	53	4	23.4		23.4		2.3		2.6	4.9					
MAIN ST																			
STA	45+70	TO	STA	49+36	366	4	162.8		162.8		16.0		18.2	34.2					
TURN LANE																			
STA	54+22	TO	STA	61+18	696	4	309.2		309.2		30.3		34.6	64.9					
PARKWAY DR																			
STA	65+46	TO	STA	66+73	127	4	56.5		56.5		5.5		6.3	11.9					
STA	66+73	TO	STA	67+08	35	4	14.9		14.9		1.5		1.7	3.1					
BRIDGE OMISSION																			
STA	68+60	TO	STA	68+70	10	4	4.9		4.9		0.5		0.6	1.0					
STA	68+70	TO	STA	71+20	250	4	111.1		111.1		10.9		12.4	23.3					
STA	71+20	TO	STA	71+30	10	4	4.4		4.4		0.4		0.5	0.9					
RIGHT SHOULDER IL 98																			
STA	14+67	TO	STA	16+50	183	4	81.3		81.3		4.6		6.8	11.4					
STA	16+50	TO	STA	18+23	173	4	76.9		76.9		7.5		8.6	16.1					
TURN LANE																			
STA	21+97	TO	STA	34+66	1269	4	564.0		564.0		55.3		63.2	118.4					
STA	34+66	TO	STA	34+84	18	4 TO 12	16.0		16.0				3.4	3.4					
STA	34+84	TO	STA	35+81	97	12	129.3		129.3				27.2	27.2					
STA	35+81	TO	STA	36+30	49	12	59.2		59.2				12.4	12.4					
BRIDGE OMISSION																			
STA	38+01	TO	STA	38+11	10	12	18.2		18.2				3.8	3.8					
STA	38+11	TO	STA	38+96	85	12	113.3		113.3				23.8	23.8					
STA	38+96	TO	STA	52+12	1316	4	584.9		584.9		57.3		65.5	122.8					
STA	52+12	TO	STA	56+63	451	8	400.9		400.9				84.2	84.2					
PARKWAY DR																			
STA	63+16	TO	STA	66+73	357	4	158.9		158.9		15.6		17.8	33.4					
STA	66+73	TO	STA	66+83	10	4	5.0		5.0		0.5		0.6	1.0					
BRIDGE OMISSION																			
STA	68+36	TO	STA	68+70	34	4	15.1		15.1		1.5		1.7	3.2					
STA	68+70	TO	STA	71+20	250	4	111.1		111.1		10.9		12.4	23.3					
STA	71+20	TO	STA	71+30	10	4	4.4		4.4		0.4		0.5	0.9					
SUB-TOTAL							203.7		273.6		4132.1		6365.7	15.3	296.1	23.0	338.4	236.4	909.2
TOTAL					RESURFACING SCHEDULE										ENTRANCE	RESURFACING			

MODEL: Schedule (Sheet) - 2
FILE NAME: c:\p\work\wv\of\natalieigh.richardson@illinois.gov\1067835\046831-sh-schedule.dgn

USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	15
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

GUARDRAIL SCHEDULE											
LOCATION				SPBGR TY A 6 FT POSTS	TRAFFIC BARRIER TERMINAL TY 1 SPECIAL (TANGENT)	TRAFFIC BARRIER TERMINAL TY 6	GUARDRAIL AGGREGATE EROSION CONTROL	TERMINAL MARKER DIRECT APPLIED	LINEAR DELINEATOR PANELS, 4 INCH	GUARDRAIL REMOVAL	
STATION				FOOT	EACH	EACH	TON	EACH	EACH	FOOT	
LT STA	34+91.3	TO	STA 36+28.8	50.0	1	1	25.3	1	2.0	137.5	
LT STA	37+24.9	TO	STA 39+12.0	100.0	1	1	35.4	1	3.0	187.5	
LT STA	66+20.6	TO	STA 67+45.6	37.5	1	1	22.8	1	2.0	125.0	
LT STA	68+22.9	TO	STA 70+22.9	112.5	1	1	38.0	1	3.0	200.0	
RT STA	34+67.2	TO	STA 36+67.2	112.5	1	1	38.0	1	3.0	200.0	
RT STA	37+63.9	TO	STA 38+51.4	0.0	1	1	15.2	1	2.0	87.5	
RT STA	65+08.1	TO	STA 67+20.6	125.0	1	1	40.5	1	3.0	212.5	
RT STA	67+98.1	TO	STA 69+23.1	37.5	1	1	22.8	1	2.0	125.0	
TOTALS				575	8	8	238	8	20	1275	

AGGREGATE SHOULDER SCHEDULE									
LOCATION					AGGREGATE SHOULDER, TYPE B				
STATION					TON				
LT									
STA	16+33	TO	STA	16+90	1.6				
STA	17+56	TO	STA	32+50	42.5				
STA	33+59	TO	STA	35+91	6.6				
STA	37+63	TO	STA	39+59	5.6				
STA	42+35	TO	STA	47+95	15.9				
STA	55+05	TO	STA	57+21	6.2				
STA	57+66	TO	STA	61+19	10.0				
STA	62+98	TO	STA	66+96	11.3				
STA	68+48	TO	STA	71+30	8.0				
RT									
STA	16+33	TO	STA	20+78	12.7				
STA	21+97	TO	STA	33+84	33.8				
STA	34+65	TO	STA	36+30	4.7				
STA	38+00	TO	STA	38+51	1.4				
STA	38+92	TO	STA	39+53	1.7				
STA	44+19	TO	STA	52+12	22.6				
STA	63+54	TO	STA	66+83	9.4				
STA	68+35	TO	STA	71+30	8.4				
TOTAL					203				

PAVEMENT PATCHING SCHEDULE						
LOCATION	CLASS D PATCHES 12 INCH					
	TYPE II		TYPE III		TYPE IV	
	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.
IL 98						
	40.00					66.67
LAKESHOR DRIVE						
	24.00		20.00			
WEST OF PARKWAY DRIVE						
<i>SUB-TOTAL</i>	<i>64.00</i>		<i>20.00</i>			<i>66.67</i>
<i>WINTER BREAK UP (10%)</i>	<i>6.4</i>		<i>2.0</i>			<i>6.7</i>
GRAND TOTAL	70		22			73

SHORT TERM PAVEMENT MARKING SCHEDULE									
LOCATION			LENGTH	NUMBER OF APPLICATIONS	SHORT TERM PAVEMENT MARKING YELLOW	SHORT TERM PAVEMENT MARKING REMOVAL			
STATION			FOOT		FOOT	SQ. FT.			
STA	0+56.91	TO	STA 6+22.00	565	3	163.0	18.7		
STA	6+22.00	TO	STA 18+22.00	1200	3	360.0	40.0		
STA	18+22.00	TO	STA 36+10.00	1788	3	540.0	60.0		
STA	36+10.00	TO	STA 37+82.00	BRIDGE OMISSION					
STA	37+82.00	TO	STA 46+00.00	818	3	240.0	26.7		
STA	46+00.00	TO	STA 56+63.00	1063	3	324.0	36.0		
STA	56+63.00	TO	STA 65+90.00	927	3	275.0	30.7		
STA	65+90.00	TO	STA 66+96.00	106	3	36.0	4.0		
STA	66+96.00	TO	STA 68+48.00	BRIDGE OMISSION					
STA	68+48.00	TO	STA 71+30.00	282	3	84.0	9.3		
TOTAL						2028	225		

UTILITY SCHEDULE									
LOCATION			TYPE	UTILITY	OWNER	MANHOLES TO BE ADJUSTED	WATER VALVE TO BE ADJUSTED		
STATION	OFFSET					EACH	EACH		
IL 98									
STA	03+79	LT	25.0	MANHOLE	SANITARY	CITY OF PEKIN	1		
STA	12+37	RT	38.0	MANHOLE	SANITARY	CITY OF PEKIN	1		
STA	15+34	LT	15.5	WATER VALVE	WATER	CITY OF PEKIN		1	
STA	16+11	LT	17.5	MANHOLE	SANITARY	CITY OF PEKIN	1		
STA	41+10	LT	55.0	MANHOLE	SANITARY	CITY OF PEKIN	1		
STA	53+90	RT	24.0	MANHOLE	SANITARY	CITY OF PEKIN	1		
STA	60+43	RT	29.5	MANHOLE	SANITARY	CITY OF PEKIN	1		
TOTAL							6	1	

JOBSITE SCHEDULE							
LOCATION	MOBILIZATION	ENGINEER'S FIELD OFFICE, TYPE A	CHANGEABLE MESSAGE SIGN	CONSTRUCTION STATION LAYOUT	TRAFFIC CONTROL AND PROTECTION STANDARD 701201	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	TRAFFIC CONTROL AND PROTECTION STANDARD 701502
	LSUM	CAL MO	CAL DAY	LSUM	LSUM	LSUM	LSUM
JOBSITE	1.00	6.00	14.0	1.00	1.00	1.00	1.00
TOTAL	1	6	14	1	1	1	1

MODEL: Schedule (Sheet) - 4
 FILE NAME: c:\pwworking\instate\leigh.richardson@illinois.gov\d1067835\0468131-sh-schedule.dgn

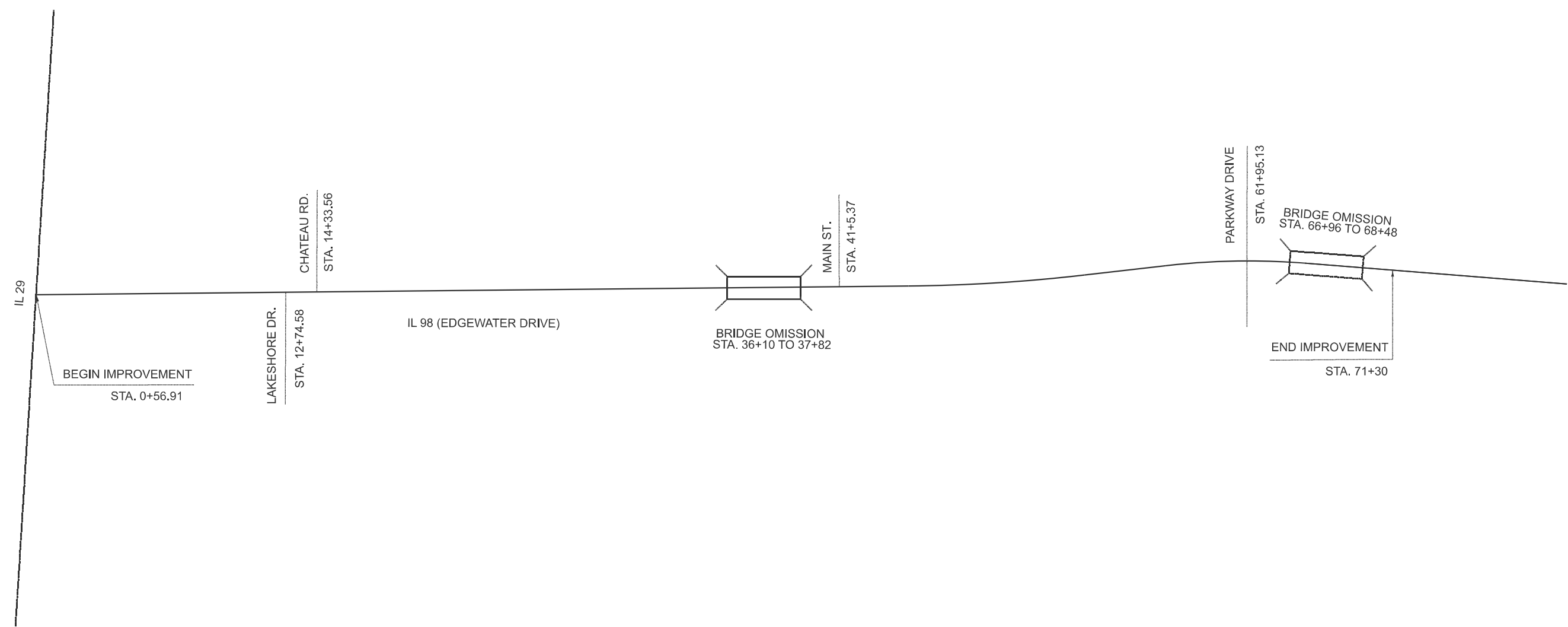
USER NAME = nataliegh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	17
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



MODEL: \\unl\ltd-3 [Sheet]
 FILE NAME: c:\p\work\vision\nataleigh_richardson@illinois.gov\1067835\0468131-shd-Line Diagram.dgn

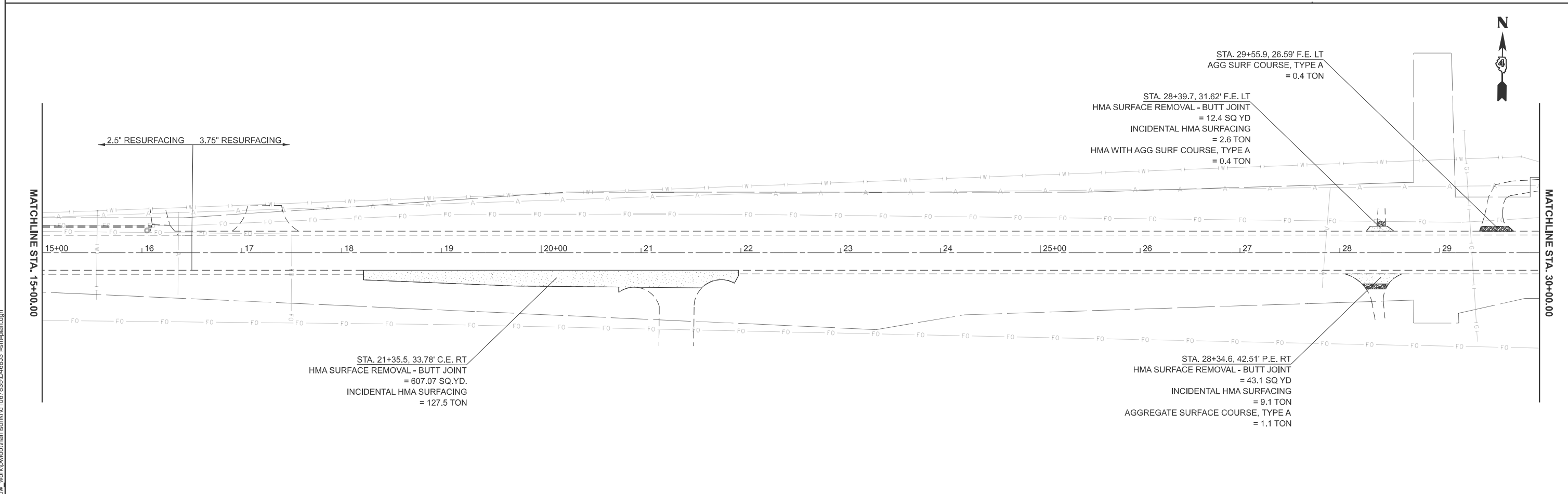
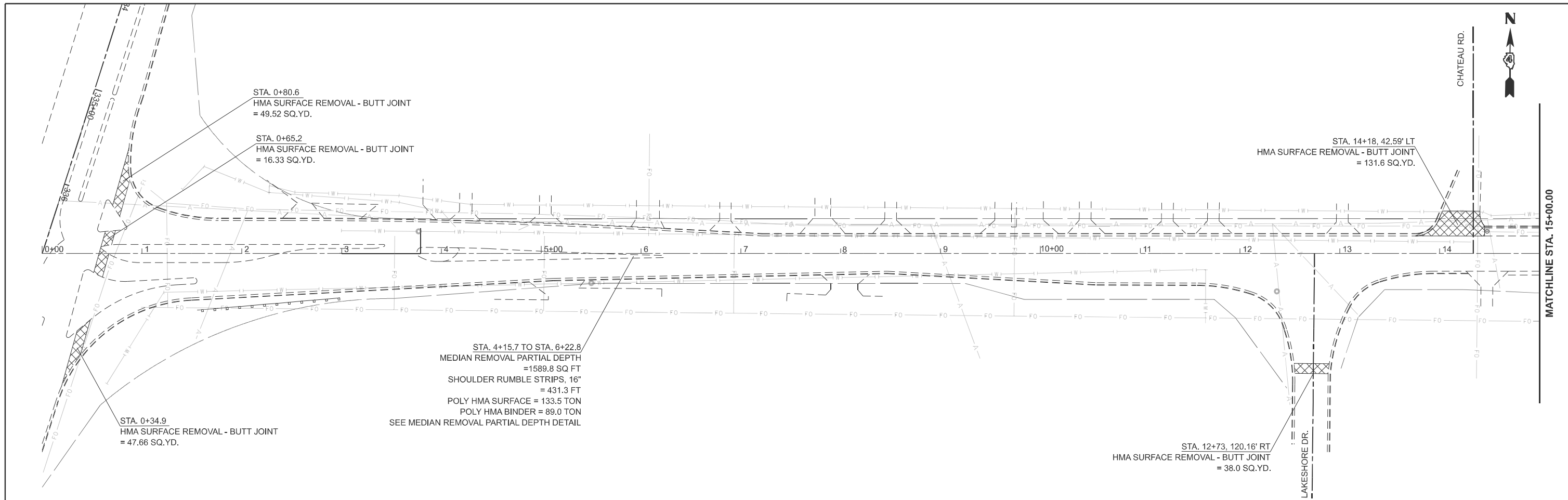
USER NAME = nataleigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	18
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



MODEL: PCI7 - Plan IL 98 [Sheet]
 FILE NAME: c:\p\work\wv\ch\harris\cnr\1067835\0468\03-sh-plan.dgn

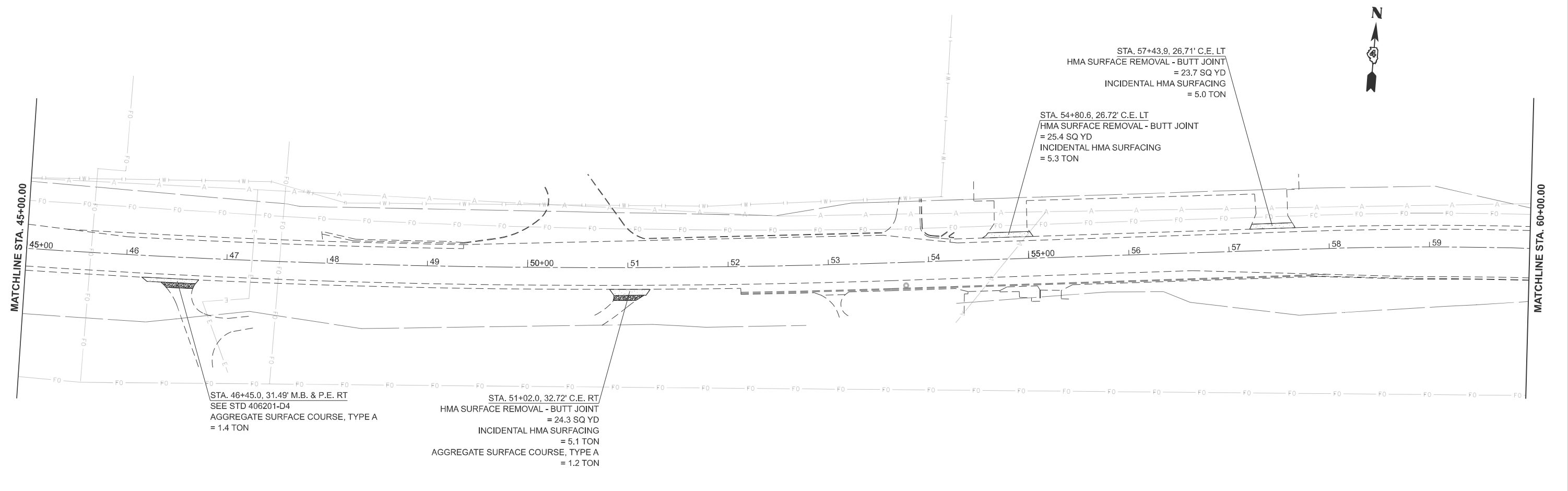
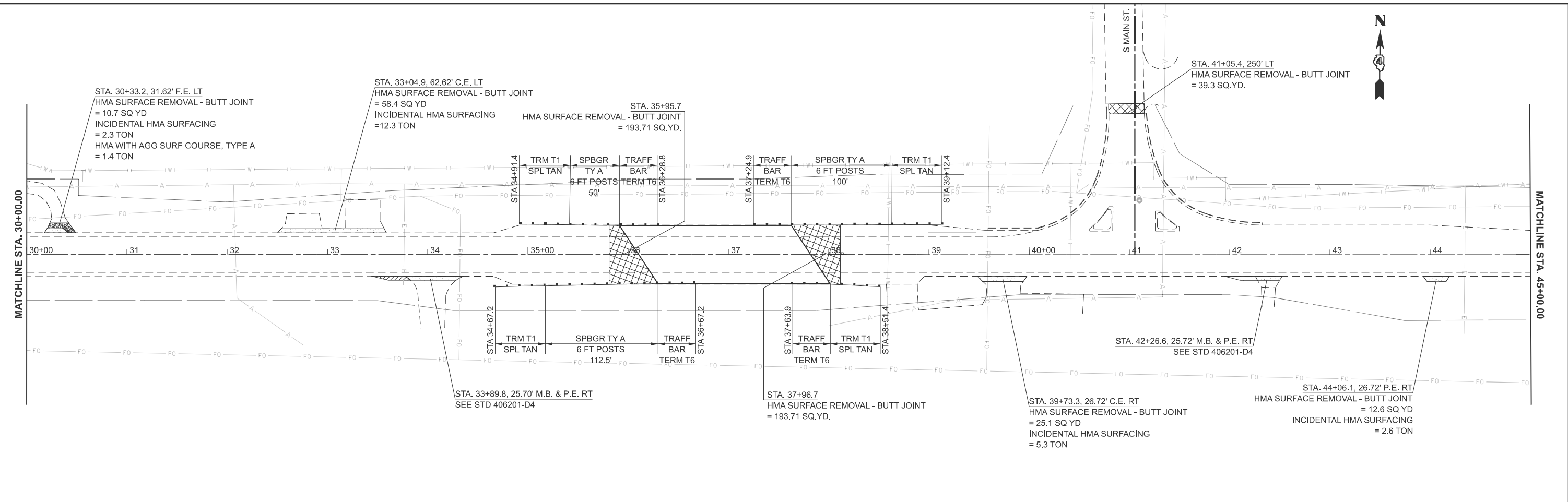
USER NAME = nateleigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN	
SCALE: 1"=50'	SHEET 1 OF 3 SHEETS
STA. 0+00.00	TO STA. 30+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	19
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

MODEL: PCI7 - Plan IL 100 (Sheet)
 FILE NAME: c:\pwworking\richardson@illinois.gov\1067835\046831-sh-plan.dgn



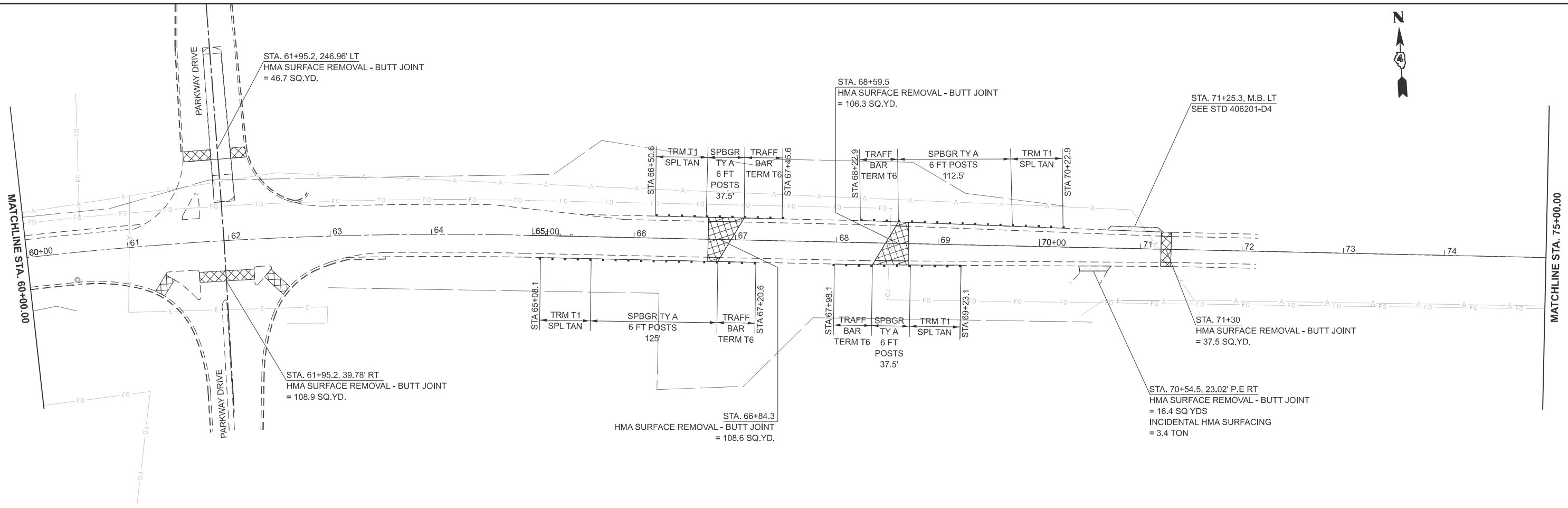
USER NAME = natalleigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 30+00.00 TO STA. 60+00.00

F.A.U. RTE. 6769	SECTION 8RS-4	COUNTY TAZEWELL	TOTAL SHEETS 45	SHEET NO. 20
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



MODEL: PCI7 - Plan IL 102 (Sheet)
 FILE NAME: c:\p\work\pawich\harrison\k1067835\0468\03-sh-plan.dgn

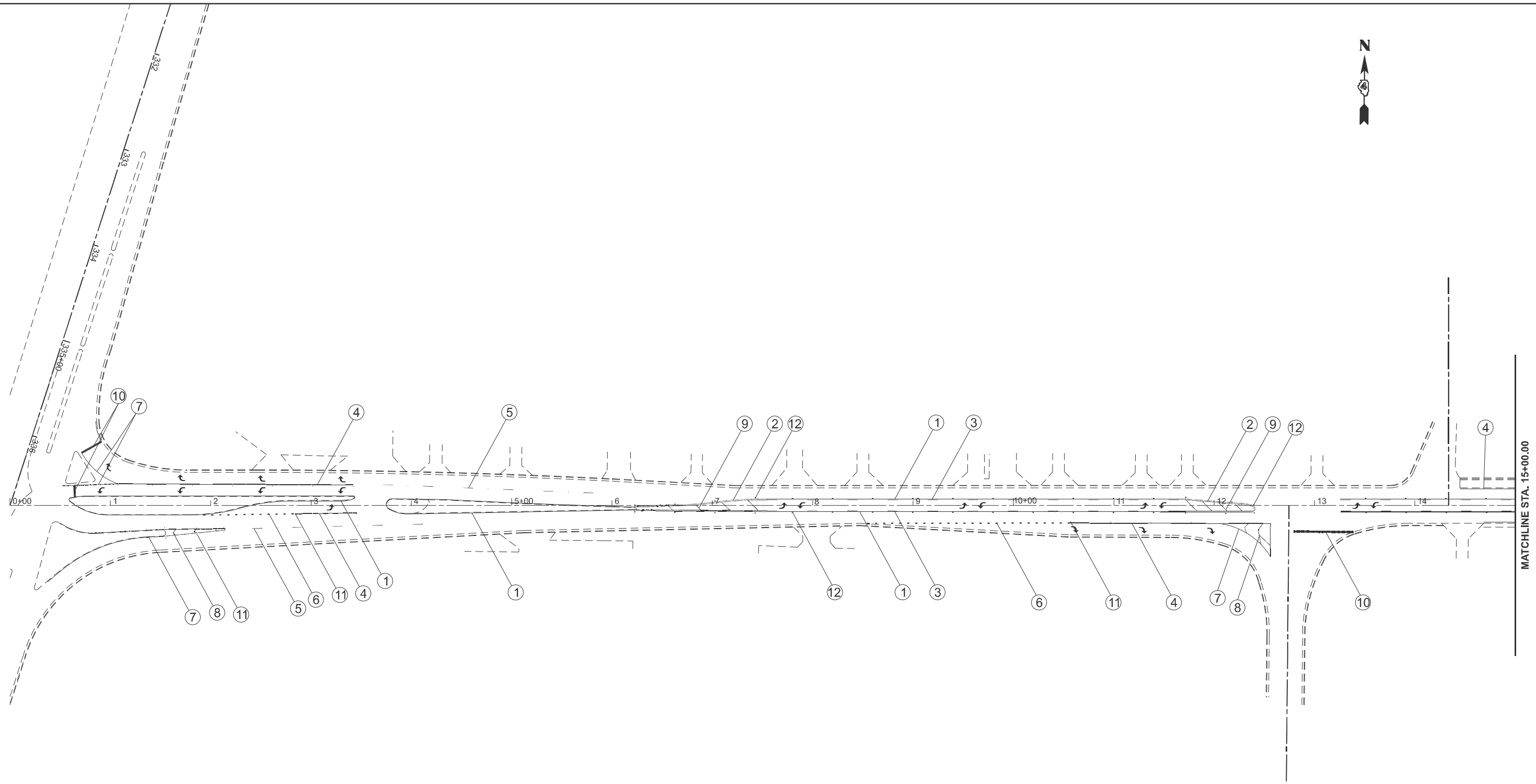
USER NAME = kyle,harrison	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 60+00.00 TO STA. 90+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	21
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND:

- ① 4" SOLID YELLOW SINGLE LINE
- ② 4" SOLID YELLOW DOUBLE LINE
- ③ 4" SKIP DASH YELLOW - SEE STD. 780001 - D4 FOR SPACING
- ④ 6" SOLID WHITE
- ⑤ 6" WHITE SKIP DASH
- ⑥ 6" WHITE MINI SKIPS (2' DASH, 6' SKIP)
- ⑦ 8" SOLID WHITE
- ⑧ 12" SOLID WHITE
- ⑨ 12" SOLID YELLOW
- ⑩ 24" SOLID WHITE
- ⑪ RAISED REFLECTIVE PAVEMENT MARKER - 1 WAY WHITE
- ⑫ RAISED REFLECTIVE PAVEMENT MARKER - 2 WAY AMBER

NOTE: SEE PAVEMENT MARKING SCHEDULES FOR STATIONS AND QUANTITIES

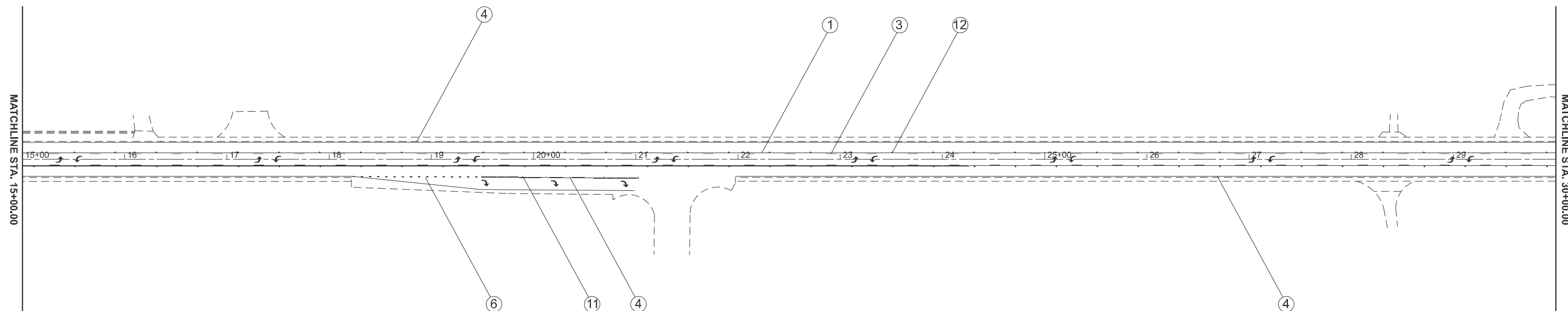
MODEL: PCI7 - Plan IL 98 (Sheet)
 FILE NAME: c:\p\work\wv\ch\natalieigh.richardson@illinois.gov\1067835\0468131-sh-cpml.dgn

USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
SCALE: 1"=50'	SHEET 1	OF 5 SHEETS	STA. 0+00.00 TO STA. 15+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	22
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND:

- ① 4" SOLID YELLOW SINGLE LINE
- ② 4" SOLID YELLOW DOUBLE LINE
- ③ 4" SKIP DASH YELLOW - SEE STD. 780001 - D4 FOR SPACING
- ④ 6" SOLID WHITE
- ⑤ 6" WHITE SKIP DASH
- ⑥ 6" WHITE MINI SKIPS (2' DASH, 6' SKIP)
- ⑦ 8" SOLID WHITE
- ⑧ 12" SOLID WHITE
- ⑨ 12" SOLID YELLOW
- ⑩ 24" SOLID WHITE
- ⑪ RAISED REFLECTIVE PAVEMENT MARKER - 1 WAY WHITE
- ⑫ RAISED REFLECTIVE PAVEMENT MARKER - 2 WAY AMBER

NOTE: SEE PAVEMENT MARKING SCHEDULES FOR STATIONS AND QUANTITIES

MODEL: PCI17 - Plan IL 99 (Sheet)
 FILE NAME: c:\p\work\wv\in\natalieigh.richardson@illinois.gov\1067835\0468131-sh-cpml.dgn

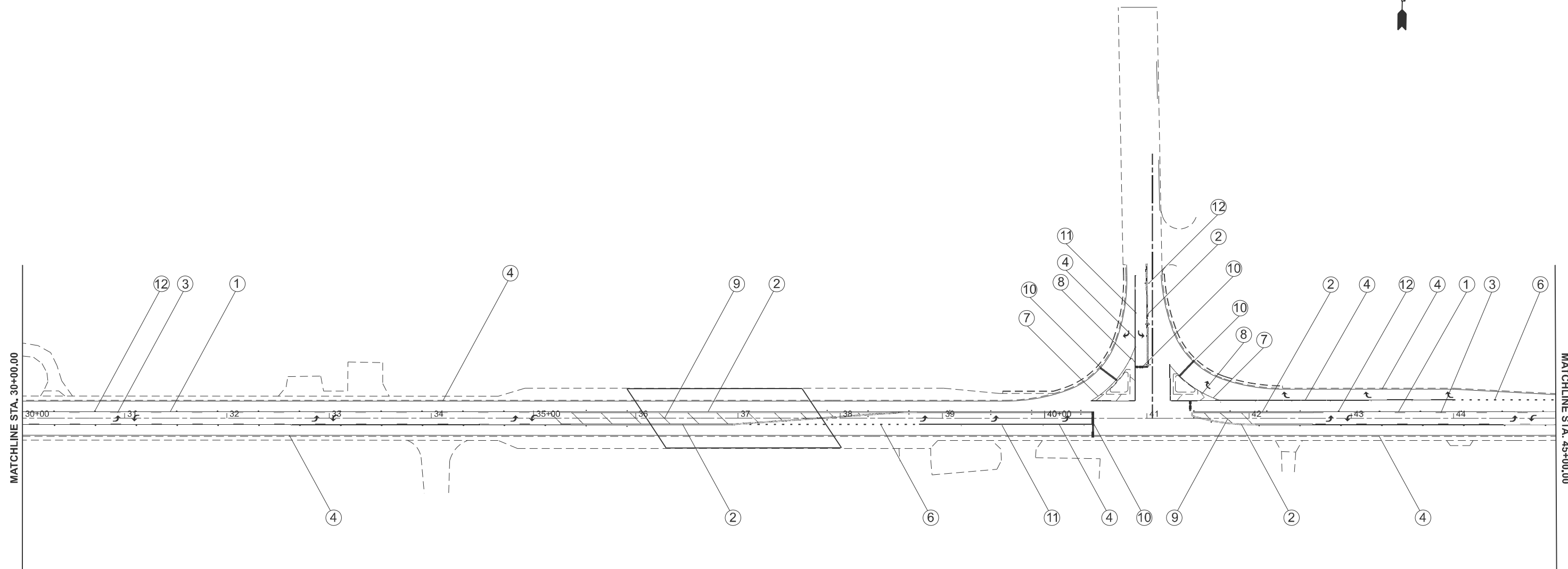
USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. 15+00.00 TO STA. 30+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	23
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND:**
- ① 4" SOLID YELLOW SINGLE LINE
 - ② 4" SOLID YELLOW DOUBLE LINE
 - ③ 4" SKIP DASH YELLOW - SEE STD. 780001 - D4 FOR SPACING
 - ④ 6" SOLID WHITE
 - ⑤ 6" WHITE SKIP DASH
 - ⑥ 6" WHITE MINI SKIPS (2' DASH, 6' SKIP)
 - ⑦ 8" SOLID WHITE
 - ⑧ 12" SOLID WHITE
 - ⑨ 12" SOLID YELLOW
 - ⑩ 24" SOLID WHITE
 - ⑪ RAISED REFLECTIVE PAVEMENT MARKER - 1 WAY WHITE
 - ⑫ RAISED REFLECTIVE PAVEMENT MARKER - 2 WAY AMBER

NOTE: SEE PAVEMENT MARKING SCHEDULES FOR STATIONS AND QUANTITIES

MODEL: P:\C17 - Plan IL - 100 (Sheet)
 FILE NAME: c:\p\work\pav\in\natalieigh.richardson@illinois.gov\1067835\04688131-shr-pmk.dgn

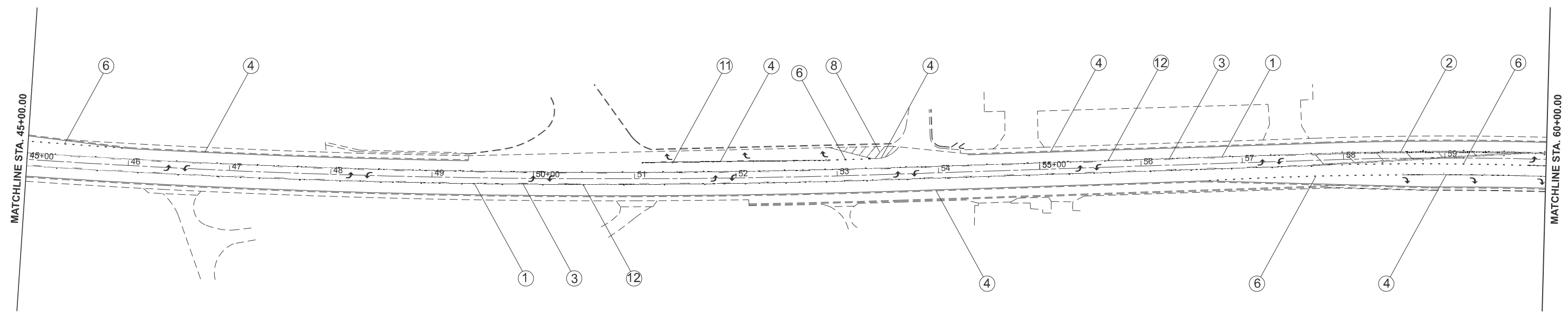
USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. 30+00.00 TO STA. 45+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	24
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND:**
- ① 4" SOLID YELLOW SINGLE LINE
 - ② 4" SOLID YELLOW DOUBLE LINE
 - ③ 4" SKIP DASH YELLOW - SEE STD. 780001 - D4 FOR SPACING
 - ④ 6" SOLID WHITE
 - ⑤ 6" WHITE SKIP DASH
 - ⑥ 6" WHITE MINI SKIPS (2' DASH, 6' SKIP)
 - ⑦ 8" SOLID WHITE
 - ⑧ 12" SOLID WHITE
 - ⑨ 12" SOLID YELLOW
 - ⑩ 24" SOLID WHITE
 - ⑪ RAISED REFLECTIVE PAVEMENT MARKER - 1 WAY WHITE
 - ⑫ RAISED REFLECTIVE PAVEMENT MARKER - 2 WAY AMBER

NOTE: SEE PAVEMENT MARKING SCHEDULES FOR STATIONS AND QUANTITIES

MODEL: P:\C17 - Plan IL 101 (Sheet)
 FILE NAME: c:\p\work\pav\in\natalieigh.richardson@illinois.gov\1067835\0468131-shr-pmk.dgn

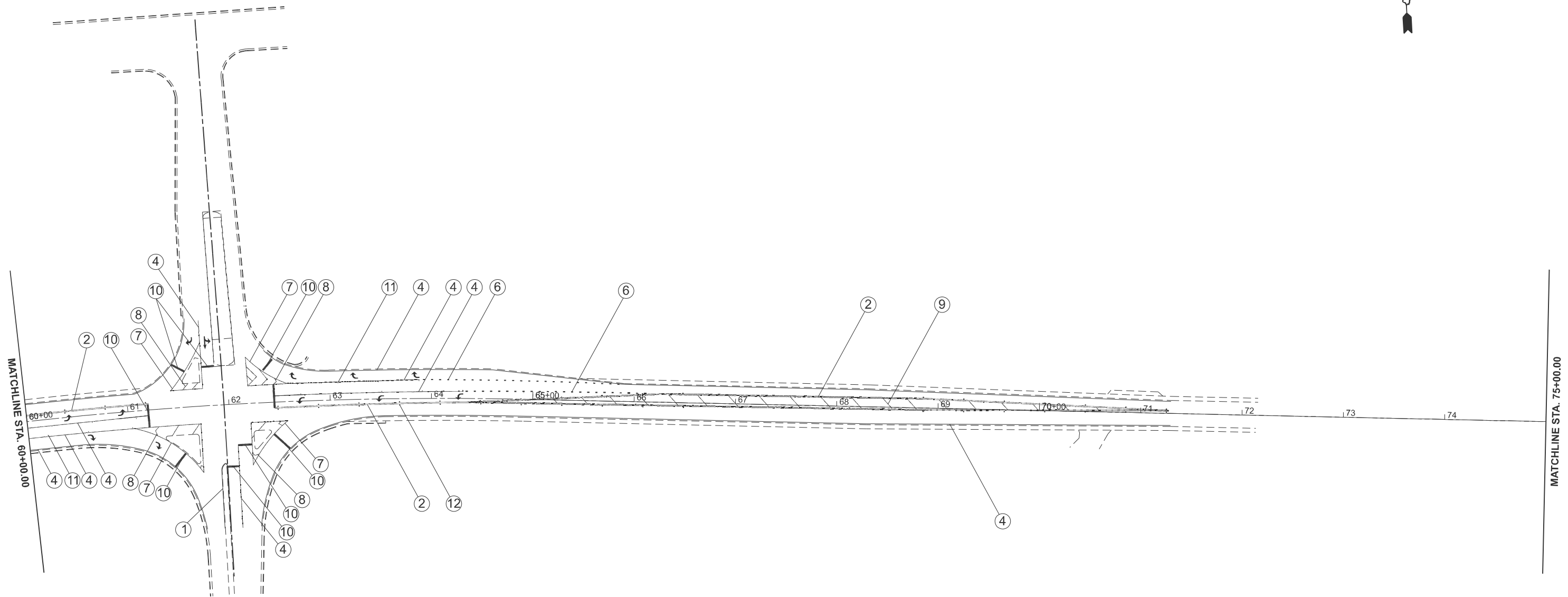
USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: 1"=50' SHEET 4 OF 5 SHEETS STA. 45+00.00 TO STA. 60+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	25
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND:

- ① 4" SOLID YELLOW SINGLE LINE
- ② 4" SOLID YELLOW DOUBLE LINE
- ③ 4" SKIP DASH YELLOW - SEE STD. 780001 - D4 FOR SPACING
- ④ 6" SOLID WHITE
- ⑤ 6" WHITE SKIP DASH
- ⑥ 6" WHITE MINI SKIPS (2' DASH, 6' SKIP)
- ⑦ 8" SOLID WHITE
- ⑧ 12" SOLID WHITE
- ⑨ 12" SOLID YELLOW
- ⑩ 24" SOLID WHITE
- ⑪ RAISED REFLECTIVE PAVEMENT MARKER - 1 WAY WHITE
- ⑫ RAISED REFLECTIVE PAVEMENT MARKER - 2 WAY AMBER

NOTE: SEE PAVEMENT MARKING SCHEDULES FOR STATIONS AND QUANTITIES

MODEL: PCI7 - Plan IL_102 (Sheet)
 FILE NAME: c:\p\work\pav\in\ataleigh.richardson@illinois.gov\1067835\046831-sh-rpml.dgn

USER NAME = nataleigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

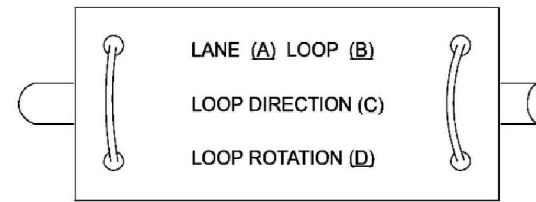
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
SCALE: 1"=50'	SHEET 5	OF 5 SHEETS	STA. 60+00.00 TO STA. 75+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	BRS-4	TAZEWELL	45	26
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

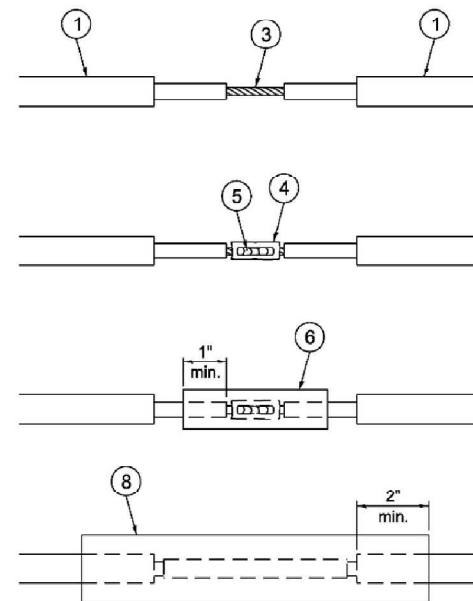
DETECTOR LOOP NOTES:

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



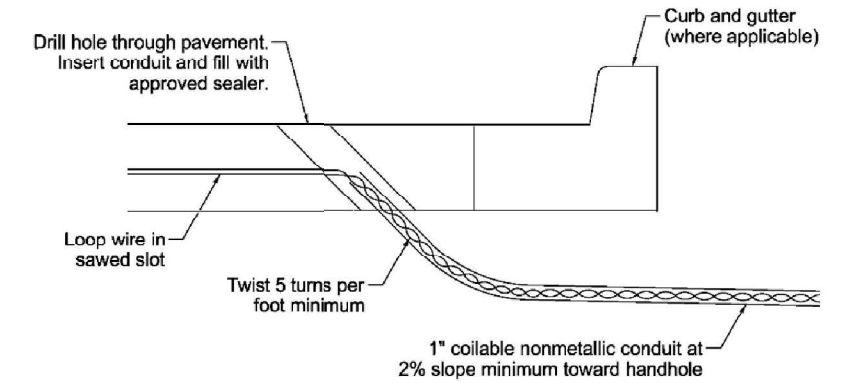
- Lane 1 is the lane closest to the centerline of the roadway.
- Loop #1 is the loop closest to the intersection.
- Label loop cable "in" or loop cable "out".
- Label loop cable clockwise or loop cable counterclockwise.

DETECTOR LOOP LEAD-IN CABLE TAG

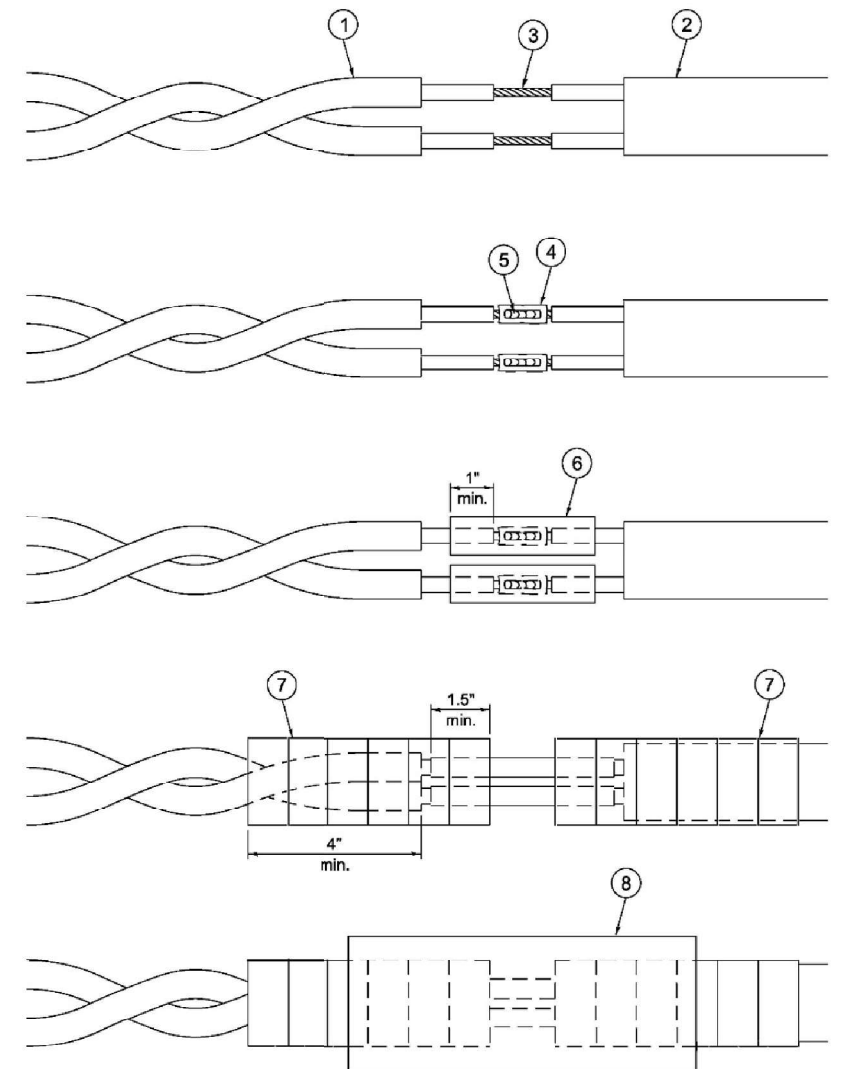


LOOP-TO-LOOP SPICE DETAIL

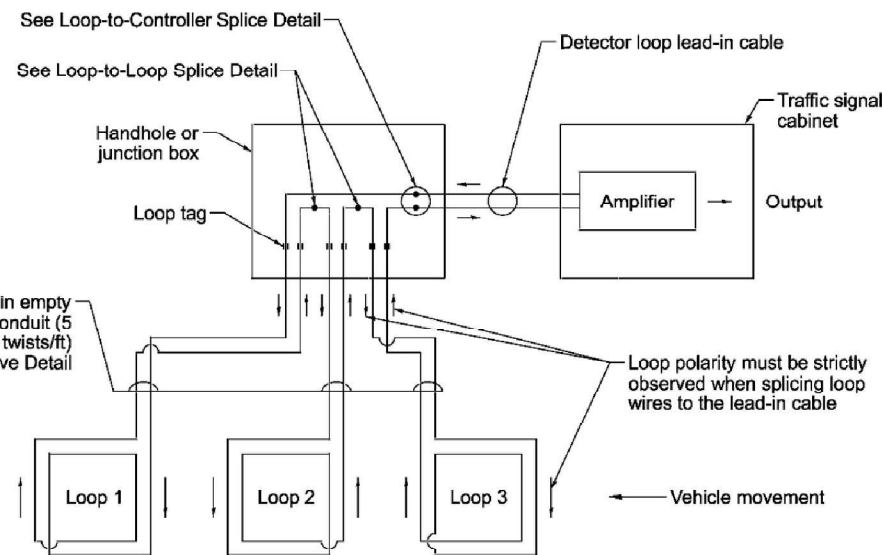
- Detector loop cable.
- Detector loop lead-in cable
- Bare conductors twisted together.
- Butt splice crimp connector.
- Splice soldered with rosin core flux. All exposed surfaces of the solder shall be smooth. The splices shall be staggered.
- WCSMW 30/100 heat shrink tube, 3" minimum length, underwater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



DETECTOR LOOP DIVE DETAIL



LOOP-TO-CONTROLLER SPICE DETAIL



DETECTOR LOOP WIRING SCHEMATIC

DETECTOR LOOP STANDARD DETAILS

MODEL: Detail (Sheet)-1
FILE NAME: c:\p\work\pavement\daleigh.richardson\68j31-sh-detailed.dgn

USER NAME = nataleigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

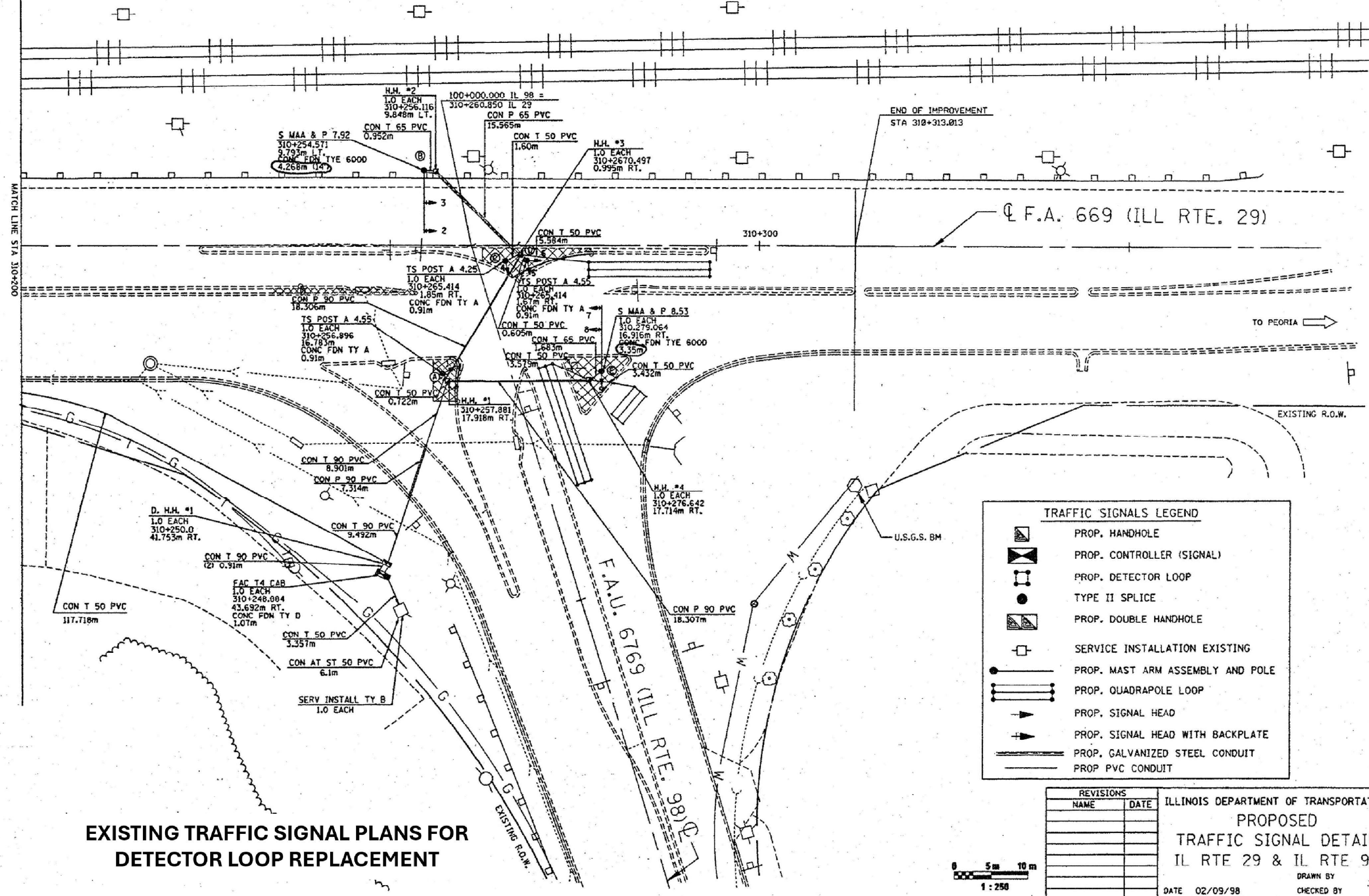
DETECTOR LOOP STANDARD DETAILS

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	27
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			77	77
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Code	Pay Item	Unit	IL 98 at IL 29	IL 98 at Main	IL 98 at Parkway	Total
X8860105	DETECTOR LOOP REPLACEMENT	FOOT	250	525	550	1325



**EXISTING TRAFFIC SIGNAL PLANS FOR
DETECTOR LOOP REPLACEMENT**

	PROP. HANDHOLE
	PROP. CONTROLLER (SIGNAL)
	PROP. DETECTOR LOOP
	TYPE II SPLICE
	PROP. DOUBLE HANDHOLE
	SERVICE INSTALLATION EXISTING
	PROP. MAST ARM ASSEMBLY AND POLE
	PROP. QUADRAPOLE LOOP
	PROP. SIGNAL HEAD
	PROP. SIGNAL HEAD WITH BACKPLATE
	PROP. GALVANIZED STEEL CONDUIT
	PROP. PVC CONDUIT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNAL DETAIL
 IL RTE 29 & IL RTE 98
 DRAWN BY
 CHECKED BY
 DATE 02/09/98

MODEL: Detail (Sheet) - 2
 FILE NAME: c:\pwwork\pwwork\natalie.richardson@illinois.gov\d1067835\0468131-shd-Details.dgn

USER NAME = natalie.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DETECTOR LOOP DETAILS IL 29 & IL 98			
SCALE:	SHEET 2	OF 7 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	BR5-4	TAZEWELL	45	28
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNALS LEGEND

- PROP. HANDHOLE
- PROP. 1.8m x 1.8m DETECTOR LOOP
- PROP. DETECTOR LOOP (1.8m x 6.1m)
- PROP. DOUBLE HANDHOLE
- PROP. QUADRANGLE LOOP (1.8m x 15.24m)
- PROP. SIGNAL HEAD W/BACKPLATE
- PROP. SIGNAL HEAD
- 5C NO. 14 CABLE
- 3 PAIR NO. 18 TW/SH CABLE
- 2C NO. 6 CABLE
- PROP. SIGNAL HEAD (5 SEC.)
- 7C NO. 14 CABLE
- PROP. SIGNAL HEAD (1 SEC.)
- OPTICALLY PROGRAMMED SIGNAL HEAD

DESCRIPTION	UNIT	TOTAL
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	140.3
CONDUIT IN TRENCH, 65MM DIA., PVC	METER	2.6
CONDUIT IN TRENCH, 90MM DIA., PVC	METER	20.2
CONDUIT PUSHED, 65MM DIA., PVC	METER	15.6
CONDUIT PUSHED, 90MM DIA., PVC	METER	43.9
CONDUIT ATTACHED TO STRUCTURE, 50MM DIA., PVC	METER	6.1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	278.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	159.5
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	METER	233.5
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	4.4
TRAFFIC SIGNAL POST, ALUMINUM 4.25 METER	EACH	3.0
STEEL MAST ARM ASSEMBLY AND POLE, 7.92 METER	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 8.53 METER	EACH	1.0
CONCRETE FOUNDATION, TYPE A	METER	2.7
CONCRETE FOUNDATION, TYPE D	METER	1.1
CONCRETE FOUNDATION, TYPE E 600MM DIAMETER	METER	7.6
DETECTOR LOOP, TYPE I	METER	154.5
TRENCH AND BACKFILL FOR ELECTRIC WORK	METER	163.1
HANDHOLE	EACH	5.0
DOUBLE HANDHOLE	EACH	1.0
SIGNAL HEAD, 1-FACE, 1 SECTION, MAST ARM MOUNTED	EACH	2.0
SIGNAL HEAD, 1-FACE, 3 SECTION, BRACKET MOUNT	EACH	2.0
SIGNAL HEAD, 1-FACE, 3 SECTION, MAST ARM MOUNTED	EACH	2.0
SIGNAL HEAD, 1-FACE, 5 SECTION, BRACKET MOUNT	EACH	1.0
COMBINATION SIGNAL HEAD, 2-FACE 1-3 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION, BRACKET MOUNTED	EACH	1.0
TRAFFIC SIGNAL BACKPLATE	EACH	4.0
INDUCTIVE LOOP DETECTOR FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	5.0
MASTER CONTROLLER	EACH	1.0
SERVICE INSTALLATION, TYPE B	EACH	1.0

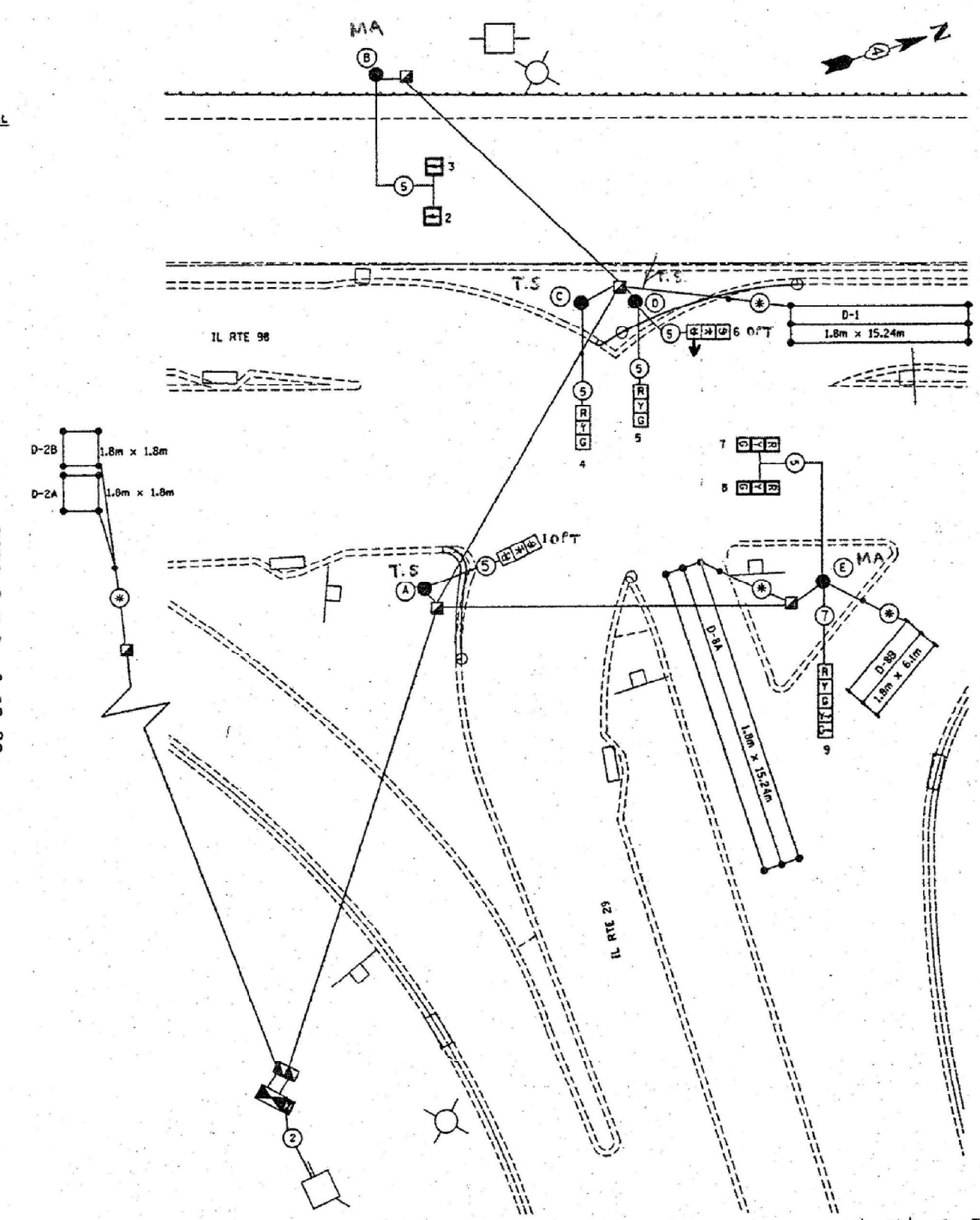
CABLE NOTES

- ALL TRAFFIC SIGNAL AND PEDESTRIAN SECTIONS SHALL BE 12".
- ALL PROPOSED SIGNAL SECTIONS SHALL HAVE GLASS LENSES.
- ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF DETECTOR LEAD-IN CABLE.
- THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MASTARM SHALL BE LEVEL WITH ONE ANOTHER.

DETECTOR ASSIGNMENT SCHEDULE

LOOP	PHASE	NO. CHANNELS REQUIRED
D-1	1	1
D-2A, D-2B	2	2
D-8A, D-8B	8	2
TOTAL		5

EXISTING TRAFFIC SIGNAL PLANS FOR DETECTOR LOOP REPLACEMENT



Name of Intersection IL RTE 29 & IL RTE 98
 Controller Specified FAC T4 CAB.

Referring to Standard 857001, the vehicular and pedestrian phases used are designated below:

PHASE DESIGNATION DIAGRAM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE DIAGRAM
 IL RTE 29 & IL RTE 98

NOT TO SCALE
 DATE _____

DRAWN BY CADD
 CHECKED BY _____

MODEL: Detail (Sheet) - 3
 FILE NAME: c:\p\work\wv\wv\matala\leigh.richardson\illinois.gov\1067835\046831-shi-Detail.dgn

USER NAME = natalaigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

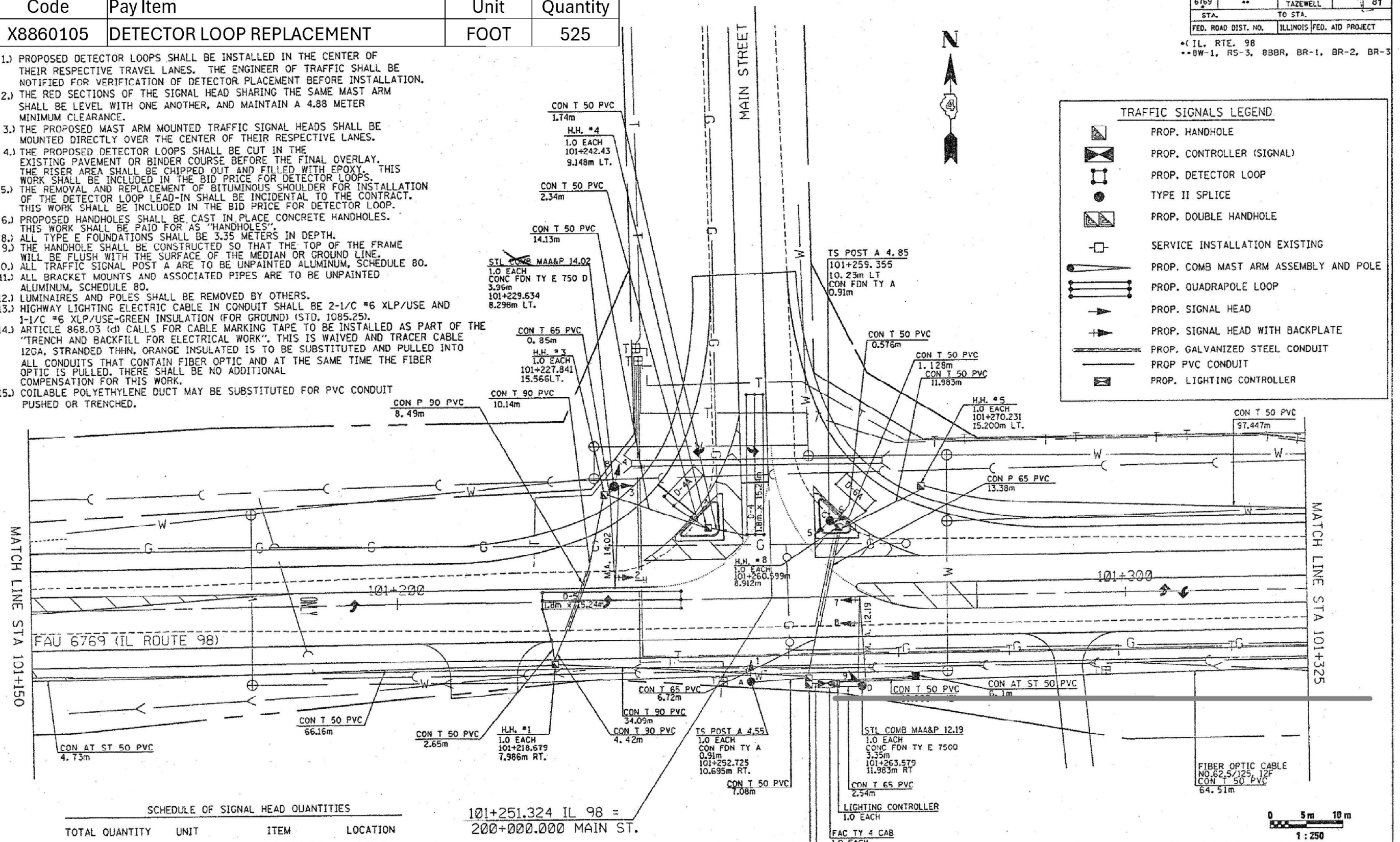
EXISTING DETECTOR LOOP DETAILS
 IL 29 & IL 98

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	29
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

Code	Pay Item	Unit	Quantity
X8860105	DETECTOR LOOP REPLACEMENT	FOOT	525

- PROPOSED DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR VERIFICATION OF DETECTOR PLACEMENT BEFORE INSTALLATION.
- THE RED SECTIONS OF THE SIGNAL HEAD SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER, AND MAINTAIN A 4.88 METER MINIMUM CLEARANCE.
- THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
- THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE EXISTING PAVEMENT OR BINDER COURSE BEFORE THE FINAL OVERLAY. THE RISER AREA SHALL BE CHIPPED OUT AND FILLED WITH EPOXY. THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR DETECTOR LOOPS.
- THE REMOVAL AND REPLACEMENT OF BITUMINOUS SHOULDER FOR INSTALLATION OF THE DETECTOR LOOP LEAD-IN SHALL BE INCIDENTAL TO THE CONTRACT. THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR DETECTOR LOOP.
- PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES. THIS WORK SHALL BE PAID FOR AS "HANDHOLES".
- ALL TYPE E FOUNDATIONS SHALL BE 3.35 METERS IN DEPTH.
- THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN OR GROUND LINE.
- ALL TRAFFIC SIGNAL POST A ARE TO BE UNPAINTED ALUMINUM, SCHEDULE 80.
- ALL BRACKET MOUNTS AND ASSOCIATED PIPES ARE TO BE UNPAINTED ALUMINUM, SCHEDULE 80.
- LUMINAIRES AND POLES SHALL BE REMOVED BY OTHERS.
- HIGHWAY LIGHTING ELECTRIC CABLE IN CONDUIT SHALL BE 2-1/C #6 XLP/USE AND 1-1/C #6 XLP/USE-GREEN INSULATION (FOR GROUND) (STD. 1085.25).
- ARTICLE 868.03 (d) CALLS FOR CABLE MARKING TAPE TO BE INSTALLED AS PART OF THE "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THIS IS WAIVED AND TRACER CABLE 12GA, STRANDED THHN, ORANGE INSULATED IS TO BE SUBSTITUTED AND PULLED INTO ALL CONDUITS THAT CONTAIN FIBER OPTIC AND AT THE SAME TIME THE FIBER OPTIC IS PULLED. THERE SHALL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.
- COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT PUSHED OR TRENCHED.



TRAFFIC SIGNALS LEGEND

- PROP. HANDHOLE
- PROP. CONTROLLER (SIGNAL)
- PROP. DETECTOR LOOP
- TYPE II SPLICE
- PROP. DOUBLE HANDHOLE
- SERVICE INSTALLATION EXISTING
- PROP. COMB MAST ARM ASSEMBLY AND POLE
- PROP. QUADRAPOLE LOOP
- PROP. SIGNAL HEAD
- PROP. SIGNAL HEAD WITH BACKPLATE
- PROP. GALVANIZED STEEL CONDUIT
- PROP. PVC CONDUIT
- PROP. LIGHTING CONTROLLER

SCHEDULE OF SIGNAL HEAD QUANTITIES

TOTAL QUANTITY	UNIT	ITEM	LOCATION
2.0	EACH	SH IF 3 SEC BM	3, 9
2.0	EACH	SH IF 3 SEC MAM	2, 8
1.0	EACH	SH IF 4 SEC BM	1
3.0	EACH	SH IF 5 SEC BM	4, 5, 6
1.0	EACH	SH IF 5 SEC MAM	7
5.0	EACH	TS BACKPLATE	2, 7, 8

**EXISTING TRAFFIC SIGNAL PLANS FOR
DETECTOR LOOP REPLACEMENT**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PROPOSED TRAFFIC SIGNAL DETAIL IL RTE 98 & MAIN ST. DRAWN BY: _____ CHECKED BY: _____ DATE: 02/09/98

MODEL: Detail (Sheet) - 4
 FILE NAME: c:\pwworking\matala\leigh_richardson\illinois.gov\1067835\046831-sh-Details.dgn

USER NAME = natalaigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DETECTOR LOOP DETAILS
IL 98 AND MAIN ST

SCALE:	SHEET 4	OF 7 SHEETS	STA.	TO STA.
--------	---------	-------------	------	---------

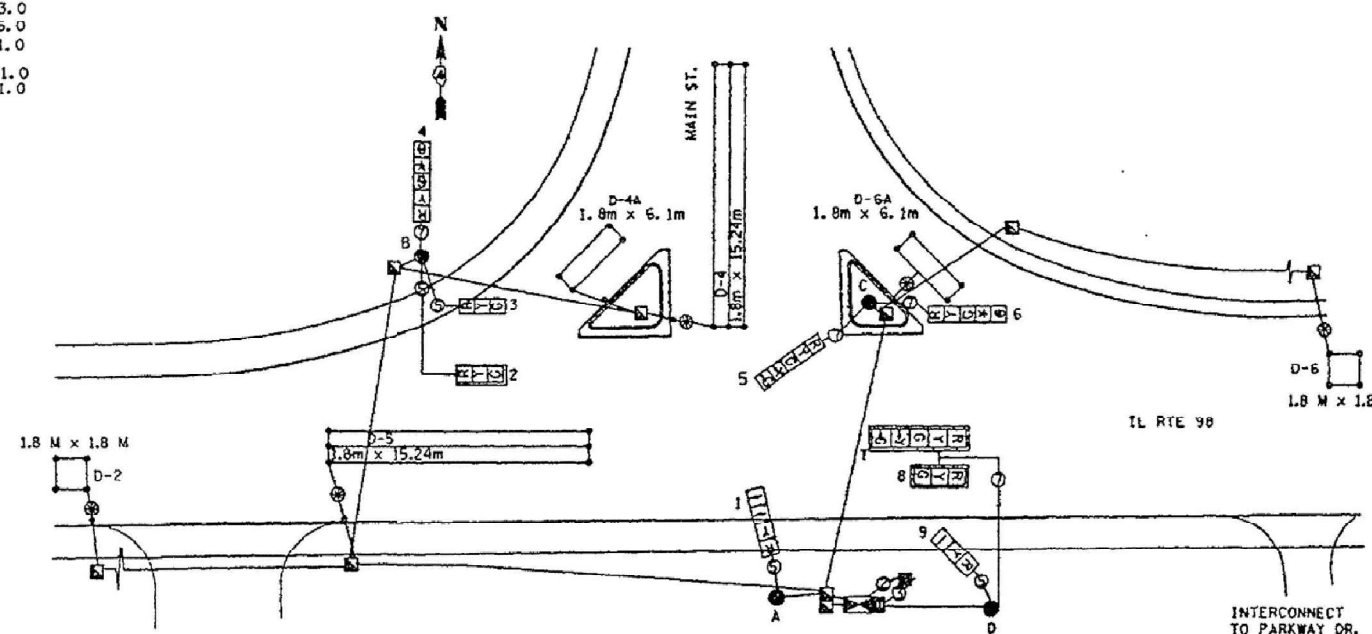
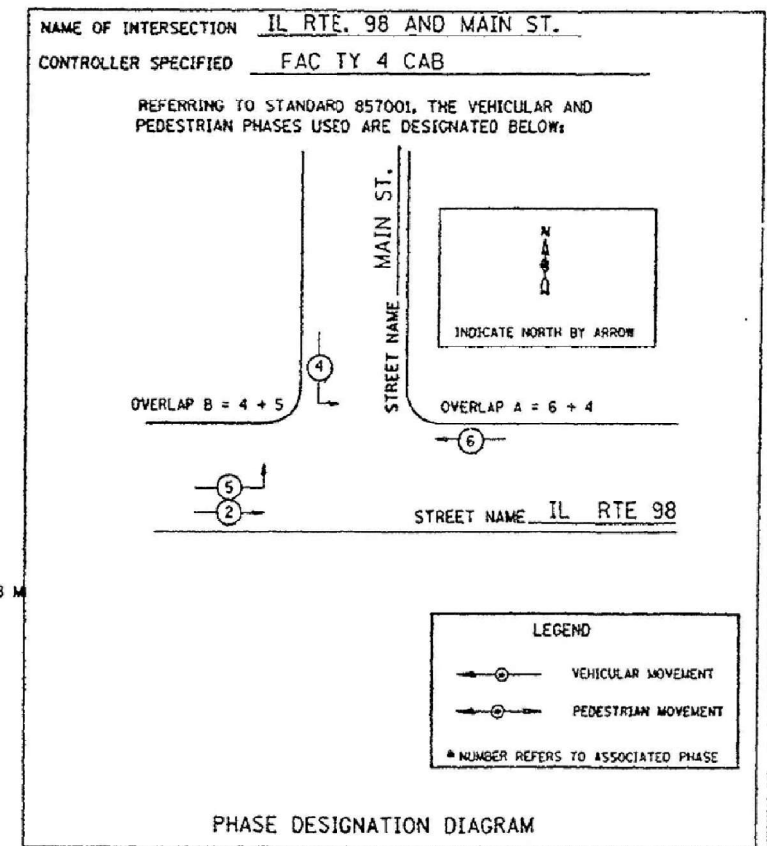
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	BR-4	TAZEWELL	45	30
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	**	TAZEWELL		79
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(IL RTE. 98)				
**BW-1, RS-3, (6B)BR, BR-1, BR-2, BR-3				

DESCRIPTION	UNIT	TOTAL
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	473.6
CONDUIT IN TRENCH, 65MM DIA., PVC	METER	10.1
CONDUIT IN TRENCH, 90MM DIA., PVC	METER	50.2
CONDUIT PUSHED, 65MM DIA., PVC	METER	13.3
CONDUIT PUSHED, 90MM DIA., PVC	METER	8.5
CONDUIT ATTACHED TO STRUCTURE, 50MM DIA., PVC	METER	50.1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 SC	METER	178.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 TC	METER	171.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	METER	514.8
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	10.0
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 12F	METER	182.4
TRAFFIC SIGNAL POST, ALUMINUM 4.55 METER	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 4.85 METER	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE 12.19 METER	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE 14.02 METER	EACH	1.0
CONCRETE FOUNDATION, TYPE A	METER	1.8
CONCRETE FOUNDATION, TYPE D	METER	1.1
CONCRETE FOUNDATION, TYPE E 750MM DIAMETER	METER	6.7
DETECTOR LOOP, TYPE I	METER	160.4
TRENCH AND BACKFILL FOR ELECTRIC WORK	METER	534.0
HANDHOLE	EACH	8.0
DOUBLE HANDHOLE	EACH	1.0
SIGNAL HEAD, 1-FACE, 3 SECTION, BRACKET MOUNT	EACH	2.0
SIGNAL HEAD, 1-FACE, 3 SECTION, MAST ARM MOUNTED	EACH	2.0
SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNT	EACH	1.0
SIGNAL HEAD, 1-FACE, 5 SECTION, BRACKET MOUNT	EACH	3.0
SIGNAL HEAD, 1-FACE, 5 SECTION, MAST ARM MOUNTED	EACH	1.0
TRAFFIC SIGNAL BACKPLATE	EACH	3.0
INDUCTIVE LOOP DETECTOR	EACH	6.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0
TRANSCIVER - FIBER OPTIC	EACH	1.0
SERVICE INSTALLATION, TYPE B	EACH	1.0

TRAFFIC SIGNALS LEGEND

- PROP. HANDHOLE
- PROP. 1.8m x 1.8m DETECTOR LOOP
- PROP. DETECTOR LOOP (1.8m x 6.1m)
- PROP. DOUBLE HANDHOLE
- 3C NO. 6 CABLE
- PROP. QUADRUPOLE LOOP (1.8m x 15.24m)
- PROP. SIGNAL HEAD W/BACKPLATE
- PROP. SIGNAL HEAD
- 5C NO. 14 CABLE
- 3 PAIR NO. 18 TW/SH CABLE
- 2C NO. 6 CABLE
- PROP. SIGNAL HEAD (5 SEC.)
- 7C NO. 14 CABLE
- FIBER OPTIC CABLE NO. 62.5/125, 12F



CABLE NOTES

- ALL TRAFFIC SIGNAL AND PEDESTRIAN SECTIONS SHALL BE 12".
- ALL PROPOSED SIGNAL SECTIONS SHALL HAVE GLASS LENSES.
- ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF DETECTOR LEAD-IN CABLE.
- THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MASTARM SHALL BE LEVEL WITH ONE ANOTHER.
- WIRE FROM THE STRAIN POLE TO LUMINAIRE SHALL BE #10 2/C.
- ALL CONDUIT CONTAIN A 1/2 GA. THIN STRAP THAT WILL BE PULLED.

DETECTOR ASSIGNMENT SCHEDULE

LOOP	PHASE	NO. CHANNELS REQUIRED
D-2	2	1
D-4, D4A	4	2
D-5	5	1
D-6, D-6A	6	2
TOTAL		6

EXISTING TRAFFIC SIGNAL PLANS FOR DETECTOR LOOP REPLACEMENT

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		CABLE DIAGRAM IL RTE 98 & MAIN ST.
NOT TO SCALE		DRAWN BY CADD
DATE		CHECKED BY

MODEL: Detail (Sheet)-5
FILE NAME: c:\p\work\td\main\atleigh.richardson\illinois.gov\1067835\046831-sh-Details.dgn

USER NAME = nataliegh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DETECTOR LOOP DETAILS
IL 98 AND MAIN ST

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	BR-4	TAZEWELL	45	31
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

NOTE: PLACEMENT OF MAST ARM ASSEMBLY AND POLE "B" AND TRAFFIC SIGNAL POST "C" MAY REQUIRE FIELD ADJUSTMENTS DUE TO FUTURE DEVELOPMENT ON THE NORTH SIDE OF IL RTE. 98 OPPOSITE PARKWAY DR.

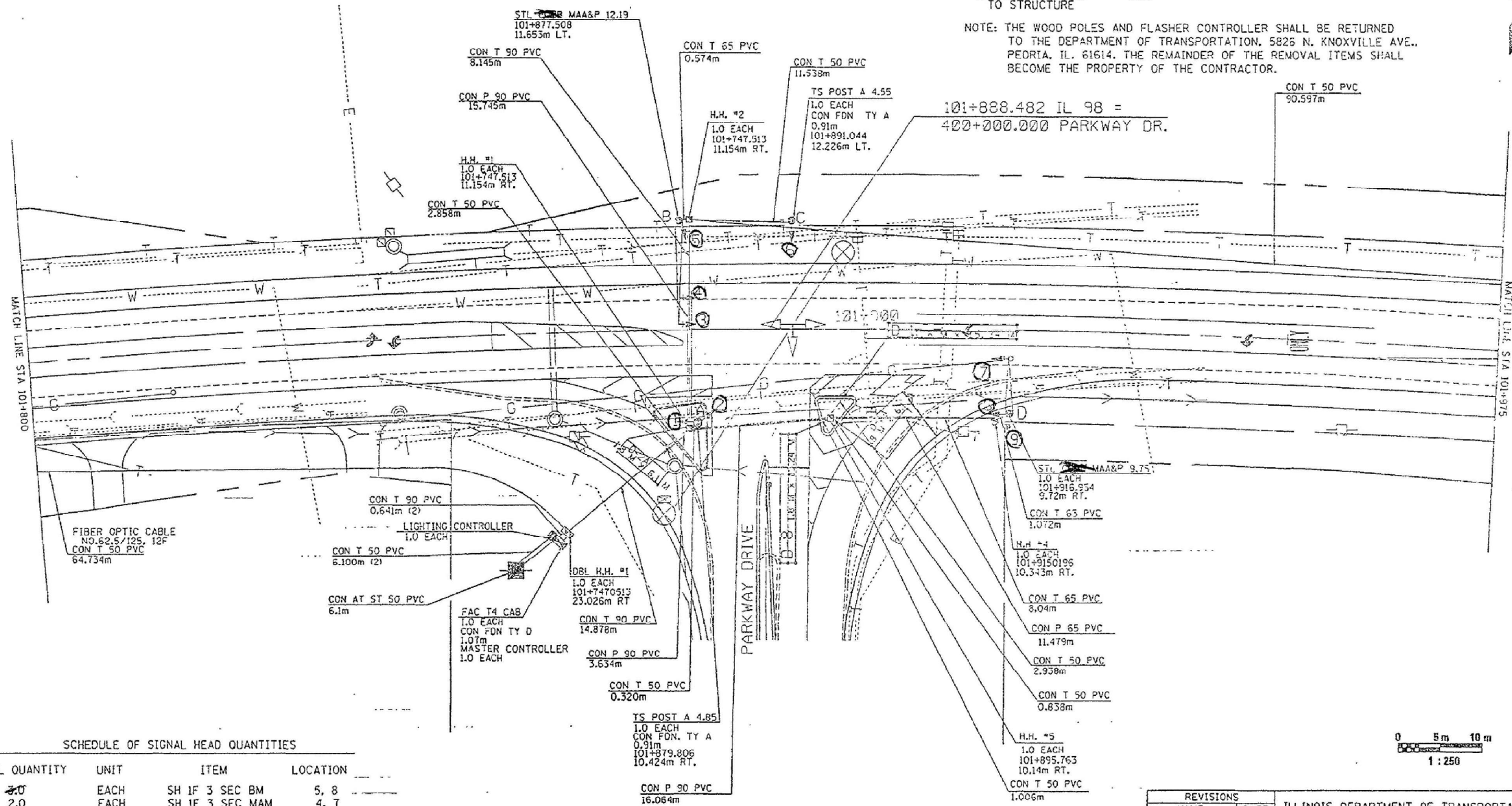
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	**	TAZEWELL	214	83
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
*(IL RTE. 98)				
**8W-1, RS-3, (88)BR, BR-1, BR-2, BR-3				

Code	Pay Item	Unit	Quantity
X8860105	DETECTOR LOOP REPLACEMENT	FOOT	550

REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE - 1.0 EACH

SIGNAL HEADS	-	3.0
WOOD POLES	-	2.0
FLASHER CONTROLLER	-	1.0
SPAN WIRE	-	151.0
TETHER WIRE	-	151.0
ELECTRIC CABLE	-	115.0
CONDUIT ATTACHED TO STRUCTURE	-	23.0

NOTE: THE WOOD POLES AND FLASHER CONTROLLER SHALL BE RETURNED TO THE DEPARTMENT OF TRANSPORTATION, 5825 N. KNOXVILLE AVE., PEORIA, IL. 61614. THE REMAINDER OF THE REMOVAL ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.



SCHEDULE OF SIGNAL HEAD QUANTITIES

TOTAL QUANTITY	UNIT	ITEM	LOCATION
2.0	EACH	SH IF 3 SEC BM	5, 8
2.0	EACH	SH IF 3 SEC MAM	4, 7
1.0	EACH	SH IF 4 SEC BM	6
2.0	EACH	SH IF 5 SEC BM	1, 2, 9
1.0	EACH	SH IF 5 SEC MAM	5
3.0	EACH	TS BACKPLATE	3, 4, 7

EXISTING TRAFFIC SIGNAL PLANS FOR DETECTOR LOOP REPLACEMENT

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PROPOSED SIGNAL DETAIL IL RTE 98 & PARKWAY DRIVE DRAWN BY _____ CHECKED BY _____ DATE 06/24/98

F:\198sig\IL98_SIG.DGN

USER NAME = natalie.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DETECTOR LOOP DETAILS
IL 98 AND PARKWAY DRIVE

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

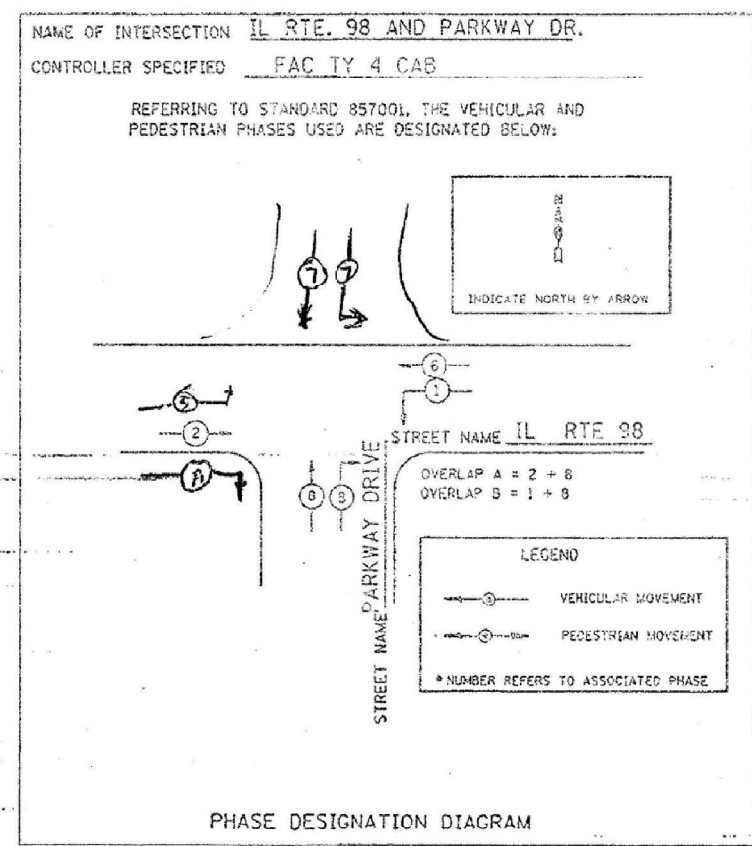
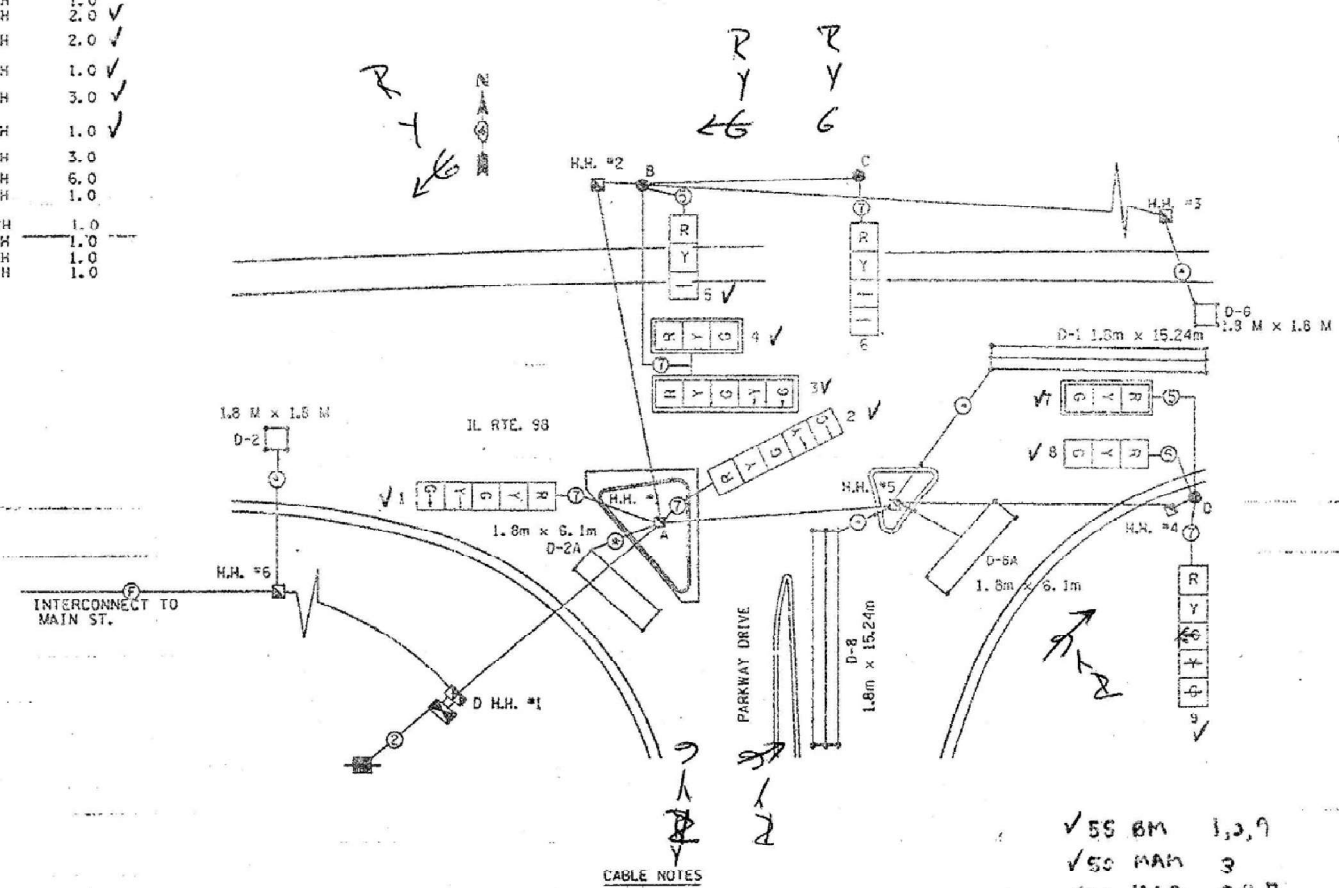
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	BR-4	TAZEWELL	45	32
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

MODEL: Detail (Sheet) - 6
FILE NAME: c:\pwworking\ntalierichardson\illinois.gov\1067835\0468131-sh-detailed.dgn

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	**	TAZEWELL	214	84
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(IL RTE. 98)		**8W-1, RS-3, (88)BR, BR-1, BR-2, BR-3		

DESCRIPTION	UNIT	TOTAL
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	397.9
CONDUIT IN TRENCH, 65MM DIA., PVC	METER	9.7
CONDUIT IN TRENCH, 90MM DIA., PVC	METER	24.3
CONDUIT PUSHED, 85MM DIA., PVC	METER	11.5
CONDUIT PUSHED, 90MM DIA., PVC	METER	35.5
ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 2C	METER	7.1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	136.7
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	275.1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	METER	454.4
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 12F	METER	150.7
TRAFFIC SIGNAL POST, ALUMINUM 4.55 METER	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 4.85 METER	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 9.75 METER	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 12.19 METER	EACH	1.0
CONCRETE FOUNDATION, TYPE A	METER	1.8
CONCRETE FOUNDATION, TYPE D	METER	1.1
CONCRETE FOUNDATION, TYPE E 75MM DIA	METER	6.8
DETECTOR LOOP, TYPE I	METER	166.7
TRENCH AND BACKFILL FOR ELECTRIC WORK	METER	431.9
HANDHOLE	EACH	6.0
DOUBLE HANDHOLE	EACH	1.0
SIGNAL HEAD, I-FACE, 3 SECTION, BRACKET MOUNT	EACH	2.0
SIGNAL HEAD, I-FACE, 3 SECTION, MAST ARM MOUNTED	EACH	2.0
SIGNAL HEAD, I-FACE, 4 SECTION, BRACKET MOUNT	EACH	1.0
SIGNAL HEAD, I-FACE, 5 SECTION, BRACKET MOUNT	EACH	3.0
SIGNAL HEAD, I-FACE, 5 SECTION, MAST ARM MOUNTED	EACH	1.0
TRAFFIC SIGNAL BACKPLATE	EACH	3.0
INDUCTIVE LOOP DETECTOR	EACH	6.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0
MASTER CONTROLLER	EACH	1.0
TRANSCEIVER - FIBER OPTIC	EACH	1.0
SERVICE INSTALLATION, TYPE B	EACH	1.0
REMOVE EXISTING FLASHING BEACON	EACH	1.0
INSTALLATION COMPLETE	EACH	1.0

- TRAFFIC SIGNALS LEGEND**
- PROP. HANDHOLE
 - PROP. 1.8m x 1.8m DETECTOR LOOP
 - PROP. DETECTOR LOOP (1.8m x 6.1m)
 - PROP. DOUBLE HANDHOLE
 - PROP. QUADRUPOLE LOOP (1.8m x 15.24m)
 - PROP. SIGNAL HEAD W/BACKPLATE
 - PROP. SIGNAL HEAD
 - 5C NO. 14 CABLE
 - 3 PAIR NO. 18 TW/SH CABLE
 - 2C NO. 6 CABLE
 - PROP. SIGNAL HEAD (5 SEC.)
 - 7C NO. 14 CABLE
 - PROP. SIGNAL POST
 - FIBER OPTIC CABLE NO. 62.5/125 12F



DETECTOR ASSIGNMENT SCHEDULE

LOOP	PHASE	NO. CHANNELS REQUIRED
D-1	1	1
D-2, D-2A	2	2
D-6	6	6
D-8, D8A	8	8
TOTAL		6

- ALL TRAFFIC SIGNAL AND SECTIONS SHALL BE 12".
- ALL PROPOSED SIGNAL SECTIONS SHALL HAVE GLASS LENSES.
- ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF DETECTOR LEAD-IN CABLE.
- THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MASTARM SHALL BE LEVEL WITH ONE ANOTHER.
- WIRE FROM THE STRAIN POLE TO LUMINAIRE SHALL BE #10 Z/C.
- ALL CONDUIT CONTAINING FIBER OPTIC SHALL ALSO INCLUDE A 12 GA. THIN, STRANDED, ORANGE INSULATED TRACER WIRE THAT WILL BE PULLED IN WITH THE FIBER OPTIC CABLE.

✓ 55 BM 1,3,9
 ✓ 50 MAH 3
 ✓ 35 MAH 4,7
 ✓ 35 BM 5,8
 ✓ 45 BM 6
 9 TOTAL

EXISTING TRAFFIC SIGNAL PLANS FOR DETECTOR LOOP REPLACEMENT

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		CABLE DIAGRAM IL RTE 98 & PARKWAY DRIVE
NOT TO SCALE		DRAWN BY CAD00
DATE		CHECKED BY

USER NAME = nataliegh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DETECTOR LOOP DETAILS
IL 98 AND PARKWAY DR

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

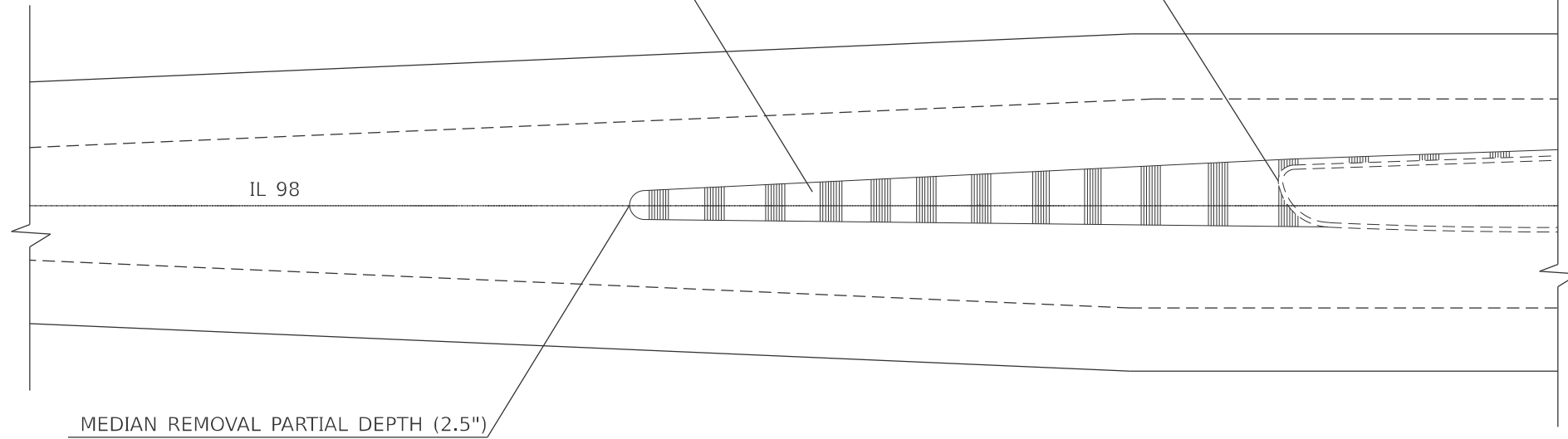
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	33
CONTRACT NO. 68J31				
ILLINOIS		FED. AID PROJECT		

MODEL: Detail (Sheet)-7
 FILE NAME: c:\pwworking\nataliegh.richardson@illinois.gov\d1067835\0468131-sh-Details.dgn

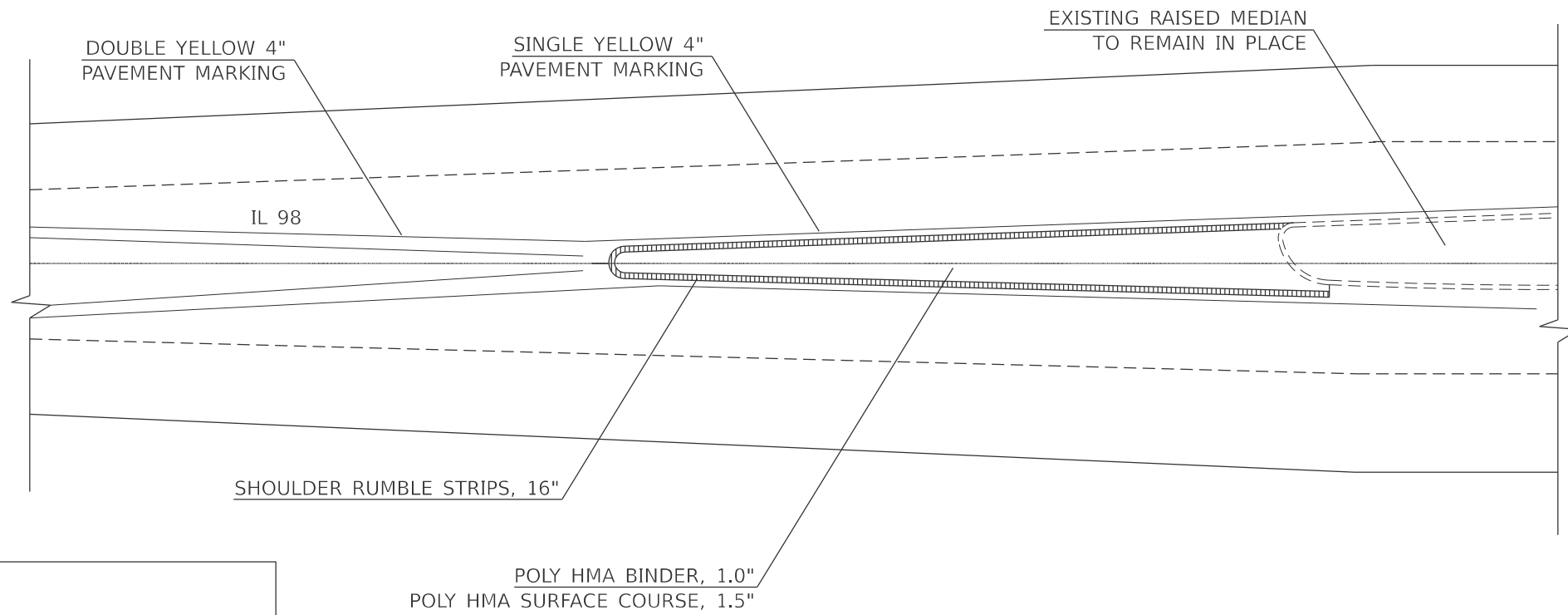


EXISTING CONCRETE CORRUGATED MEDIAN
SEE FOR INFORMATION ONLY SHEETS "STANDARD 2122-8"
AND "CONCRETE MEDIAN TYPE C-4 (MODIFIED)" FOR EXISTING DETAILS

EXISTING RAISED MEDIAN
TO REMAIN IN PLACE



EXISTING MEDIAN DETAIL



PROPOSED MEDIAN DETAIL

NOTE:

1. RUMBLE STRIPS SHALL BE PLACED IN ACCORDANCE WITH HIGHWAY STANDARD 642001.
2. PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH HIGHWAY STANDARD 780001 AND DISTRICT STANDARD 780001-D4.
3. MEDIAN REMOVAL PARTIAL DEPTH SHALL BE FLUSH WITH THE MILLED SURFACE, APPROX. 2.5"

NOT TO SCALE

MODEL: Detail (Sheet) - 8
FILE NAME: c:\p\work\win\win\natalieigh.richardson@illinois.gov\1067835\0468131-sh-Details.dgn

USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

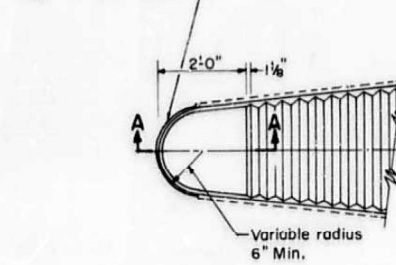
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN REMOVAL PARTIAL DEPTH
CORRUGATED MEDIAN REMOVAL 2.5"

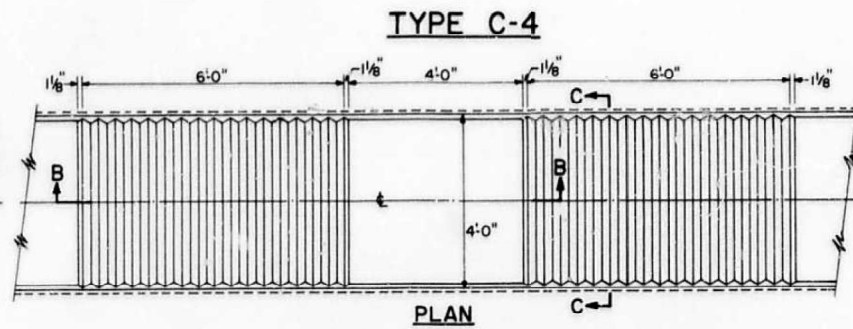
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	34
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

3/4" Prefirmed expansion joint filler between rigid pavement and median edge at end radius.

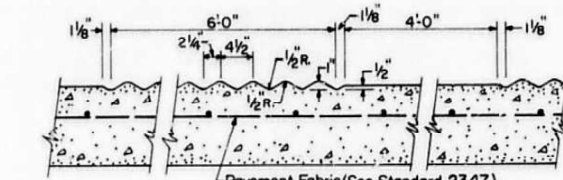


SECTION A-A

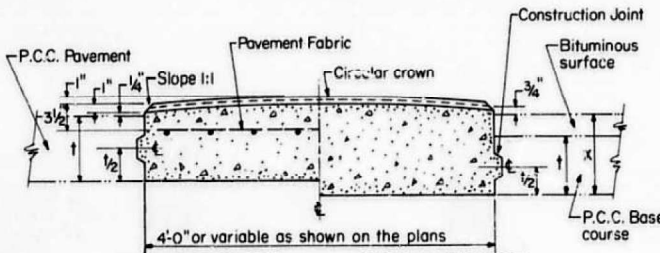


TYPE C-4

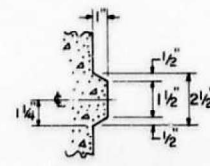
PLAN



SECTION B-B
(Fabric required for medians built contiguous to P.C.C. Pavt only)

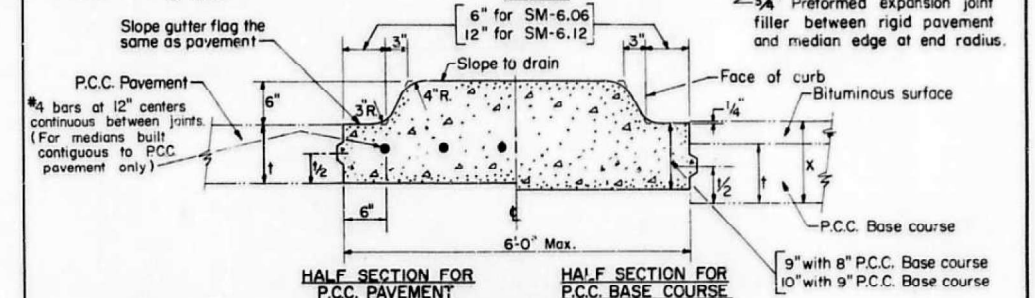
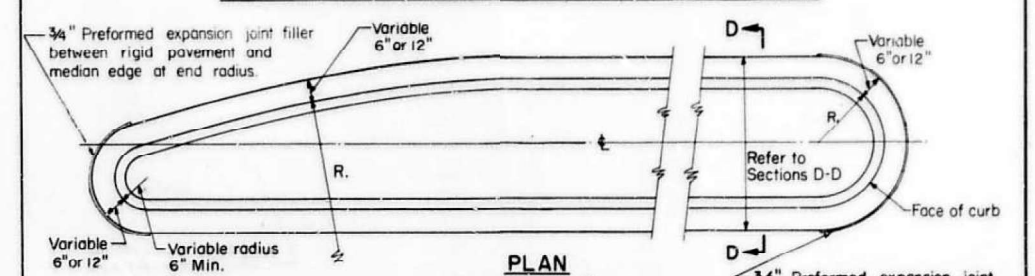


HALF SECTION FOR P.C.C. PAVEMENT
HALF SECTION FOR P.C.C. BASE COURSE
SECTION C-C



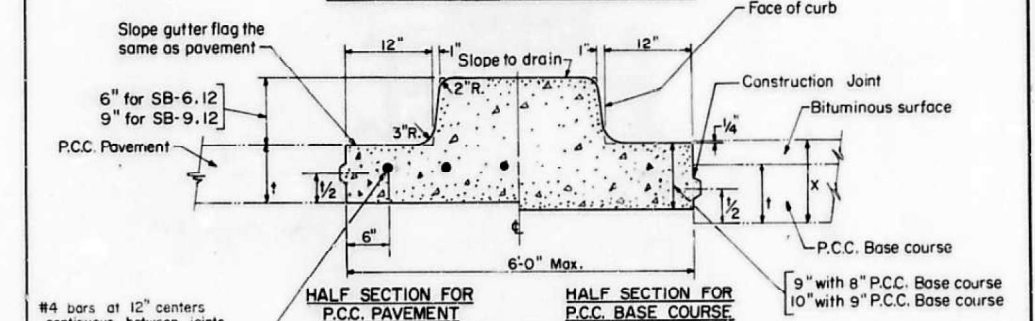
DETAIL OF KEY FOR CONSTRUCTION JOINT

TYPES SM-6.06, SM-6.12, SB-6.12 & SB-9.12



SECTION D-D
HALF SECTION FOR P.C.C. PAVEMENT
HALF SECTION FOR P.C.C. BASE COURSE

TYPES SM-6.06 & SM-6.12

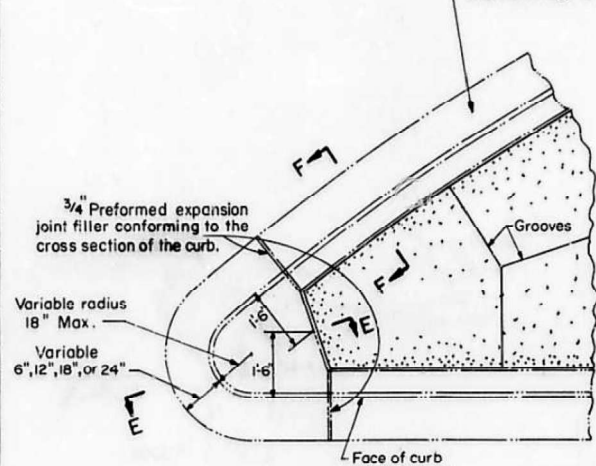


SECTION D-D
HALF SECTION FOR P.C.C. PAVEMENT
HALF SECTION FOR P.C.C. BASE COURSE

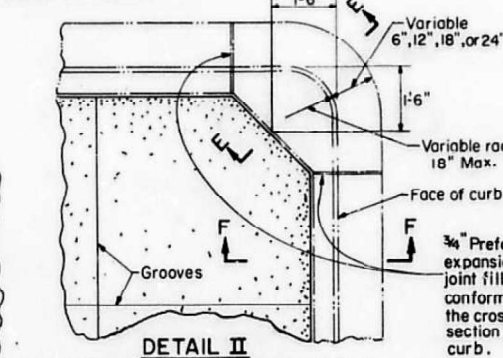
TYPES SB-6.12 & SB-9.12

TYPE P

Gutter flag to slope the same as pavement when drainage is away from the median and as shown on the curb and gutter standard drawing when drainage is toward the median.

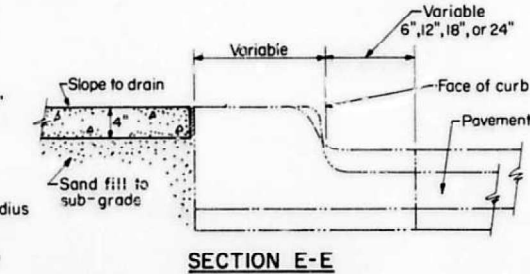


DETAIL I

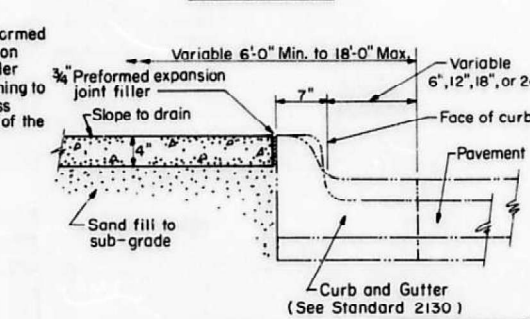


DETAIL II

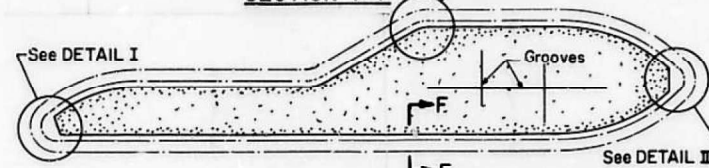
TYPICAL DETAILS WHEN CORNER ANGLE IS 90° OR MORE WITH RADIUS OF 18 INCHES OR LESS



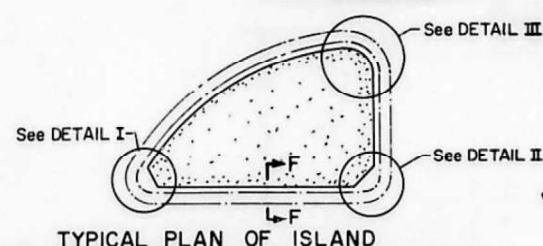
SECTION E-E



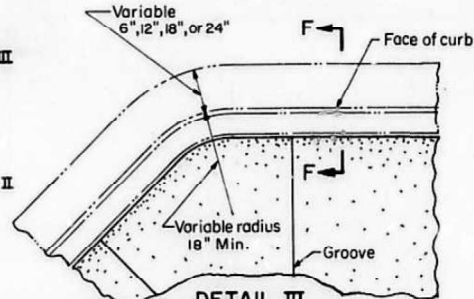
SECTION F-F



TYPICAL PLAN OF MEDIAN



TYPICAL PLAN OF ISLAND



DETAIL III

TYPICAL DETAIL WHEN CORNER ANGLE IS LESS THAN 90° AND FOR OTHER CORNERS WITH RADIUS GREATER THAN 18 INCHES

Grooves - 1 inch deep grooves shall be placed into the plastic concrete at 10 foot maximum intervals, both transversely and longitudinally. Grooves shall also be placed to the corner points of all holes boxed out for sign and signal posts.

Expansion Joints - Prefirmed joint filler 3/4 inch thick shall be placed at intervals of 100 feet in the median surface.

Drainage Openings - Two 3/4 inch plastic tubes shall be cast thru the back of the curb at the low end of the median.

GENERAL NOTES

Dimension "t" is equal to the adjacent pavement edge thickness or base course edge thickness.

Dimension "x" is equal to the adjacent base course edge thickness plus the bituminous surface edge thickness.

The vertical edge dimension for Type C-4, SM, and SB median shall be 10" when constructed adjacent to flexible pavement. Also, keyway shall be omitted and contraction joints shall be installed at 20' intervals.

Contraction and expansion joints shall be installed in Types C-4, SM, and SB median in prolongation with joints in adjacent P.C.C. pavement. For median adjacent to bituminous surfaces, contraction joints shall be installed at 20' intervals.

EXPANSION JOINTS - Shall be of a type similar to that in the adjacent pavt except dowel bars will not be required.

CONTRACTION JOINTS - (a) Type C-4. Shall be constructed and sealed in the same manner as the joints in the adjacent pavement, or shall be constructed with 3/4" prefirmed expansion joint filler conforming to the full cross-section of the median. (b) Type SM & SB. Shall be constructed by forming or sawing to a depth of 1/4" and sealed with a material conforming to Section 716, or shall be constructed with 3/4" prefirmed expansion joint filler conforming to the full cross-section of the median.

The cost of furnishing and placing reinforcement in Type C-4, SM, and SB median shall be included in the unit price bid for the median.

The Type P median 4 inch concrete surface shall be constructed in accordance with the applicable provisions of Section 624 of the Standard Specifications. This work shall be measured in place, and the area computed in square feet; payment will be made at the contract unit price per square foot for CONCRETE MEDIAN SURFACE, 4 INCHES which price shall include the cost of furnishing and placing the expansion joints and sand fill.

The curb and gutter adjacent to the Type P median shall be constructed and paid for in accordance with Section 616 of the Standard Specifications which price shall include the cost of providing the solid concrete corners as shown.

The earth work shall be considered as being incidental to Earth Excavation.

Plan views of medians shown are typical. Median layout and radii shall be as shown on the plans.

CONCRETE MEDIANS
STANDARD 2122-8
(Full Size) W.F.

	ISSUED 12-12-62
	REVISIONS W.F. 8-27-68 W.F. 1-15-69 W.F. 10-1-69 D.W. 9-4-73 D.W. 10-31-74 D.W. 5-29-75 Redrawn 8-27-68
PASSED July 15 1977 Engineer of Design Operations	D.W. 7-5-77
APPROVED July 15 1977 Engineer of Design	

USER NAME = kyle.harrison	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP STANDARD DETAILS

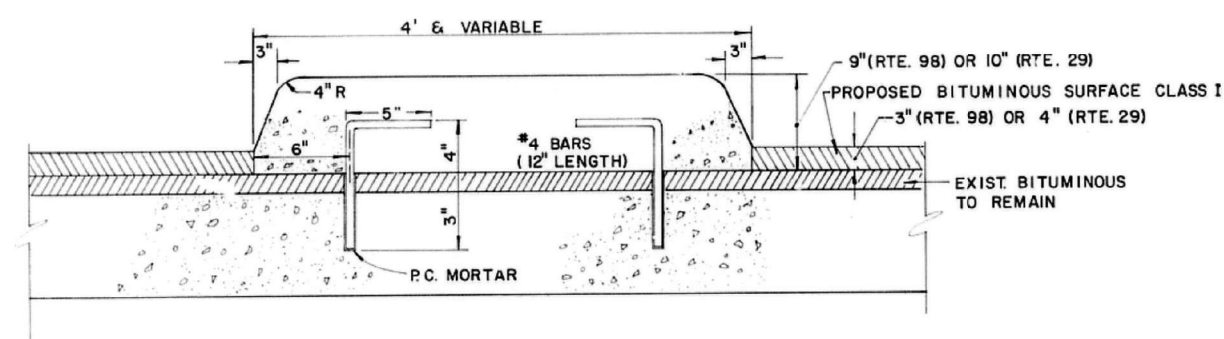
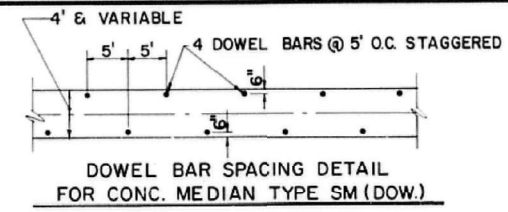
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	35
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				

MODEL: Detail (Sheet) - 9
FILE NAME: c:\paw\work\harrison\k1067835\0468\03-sh-Details.dgn

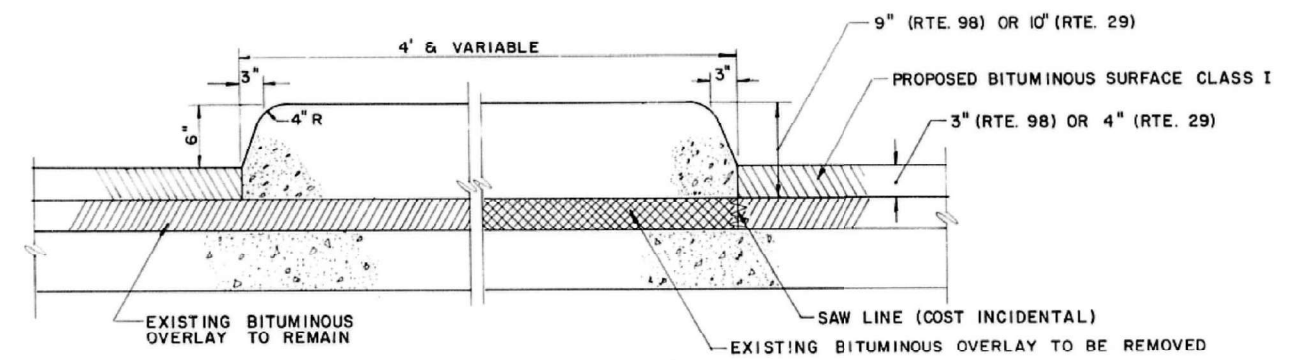
FED. AID ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FA 669	11-I	TAZEWELL	53	23
FED. ROAD DIST. NO.	ILLINOIS PROJECT			

NOTE: CONCRETE MEDIAN, TYPE SM (DOW.) SHALL BE CONSTRUCTED SIMILAR TO STANDARD 2122 AND IN ACCORDANCE WITH SECTION 616 OF THE STANDARD SPECIFICATIONS EXCEPT AS NOTED ON THE PLANS. THE COST OF FURNISHING AND PLACING THE DOWEL BARS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER SQUARE FOOT FOR CONCRETE MEDIAN TYPE SM (DOWELLED).

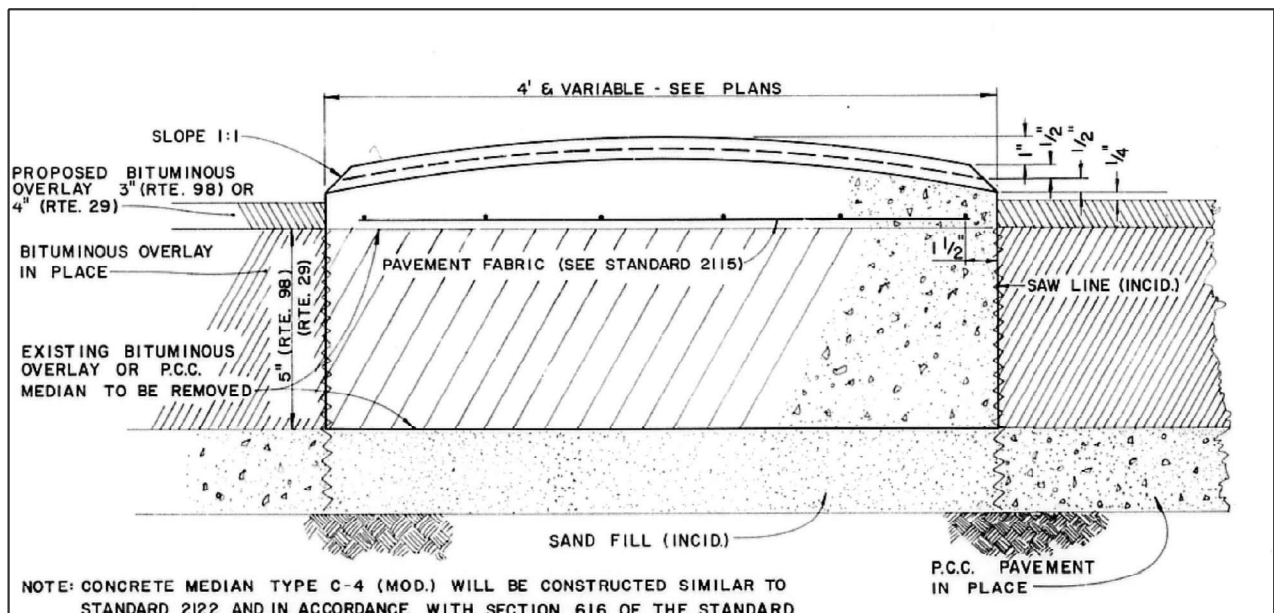


TYPICAL CROSS SECTION
CONCRETE MEDIAN TYPE SM (DOWELLED)
NOT TO SCALE

NOTE: CONCRETE MEDIAN TYPE SM (MODIFIED) SHALL BE CONSTRUCTED SIMILAR TO THE STANDARD 2122 AND IN ACCORDANCE WITH SECTION 616 OF THE STANDARD SPECIFICATIONS EXCEPT AS NOTED ON THE PLANS.

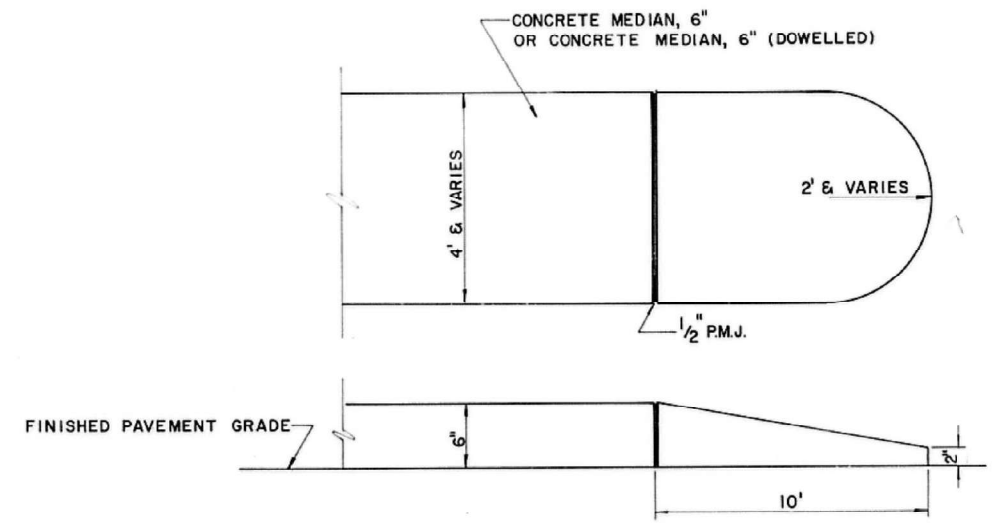


TYPICAL CROSS SECTION
CONCRETE MEDIAN TYPE SM (MODIFIED)
NOT TO SCALE



NOTE: CONCRETE MEDIAN TYPE C-4 (MOD.) WILL BE CONSTRUCTED SIMILAR TO STANDARD 2122 AND IN ACCORDANCE WITH SECTION 616 OF THE STANDARD SPECIFICATIONS EXCEPT AS NOTED ON THE PLANS. THE COST OF FURNISHING AND PLACING PAVEMENT FABRIC SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER SQUARE FOOT FOR CONCRETE MEDIAN TYPE C-4 (MODIFIED).

TYPICAL CROSS SECTION
CONCRETE MEDIAN TYPE C-4 (MODIFIED)
NOT TO SCALE



TYPICAL MEDIAN NOSE TREATMENT
(INCIDENTAL TO RESPECTIVE MEDIAN)
NOT TO SCALE

MEDIAN DETAILS
CONCRETE MEDIAN TY SM DOWELLED
CONCRETE MEDIAN TYPE C-4 (MODIFIED)
CONCRETE MEDIAN, TY SM
MEDIAN NOSE TREATMENT

MODEL: Detail (Sheet) - 10
FILE NAME: c:\p\work\pav\detail\m\illinois\gov\1067835\046831-sh-detailed.dgn

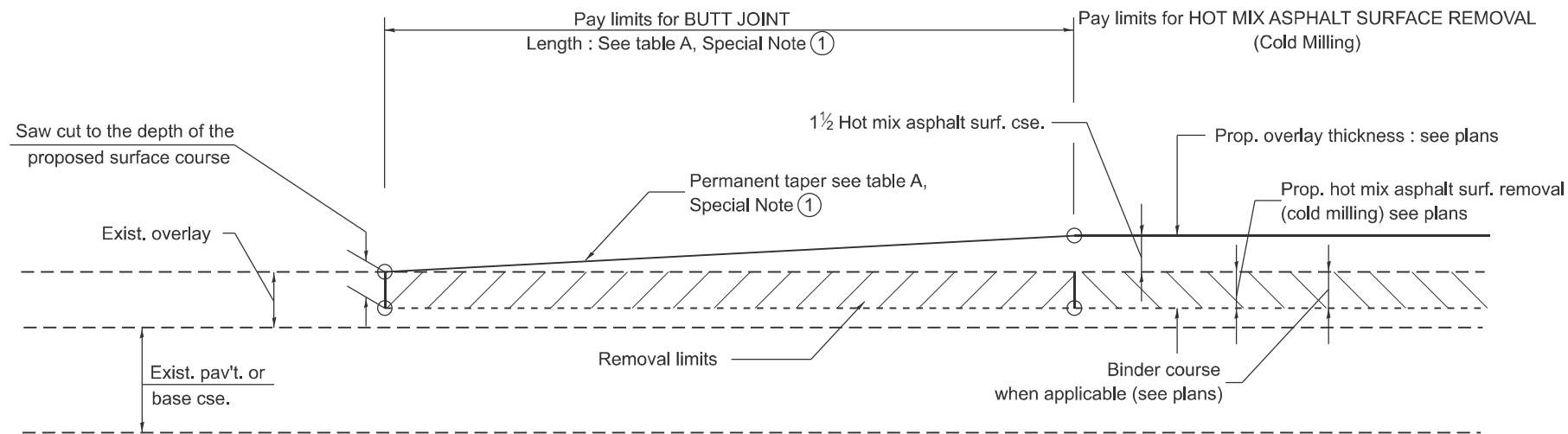
USER NAME = nataliegh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP STANDARD DETAILS

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	36
CONTRACT NO. 68J31				
ILLINOIS FED. AID PROJECT				



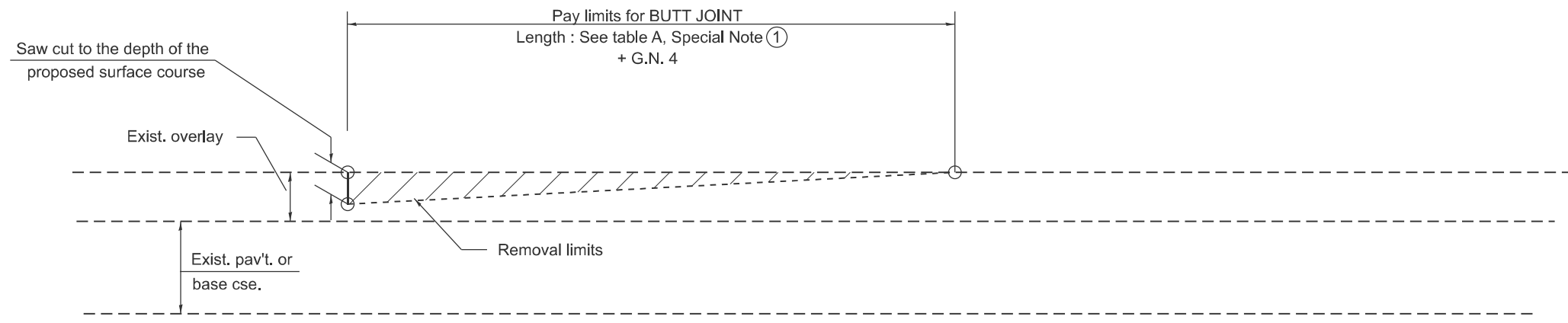
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

All dimensions are in inches unless otherwise noted.

MODEL: D4-06101-01
FILE NAME: c:\p\work\pav\in\natalie.richardson@illinois.gov\1067835\D4-06101.dgn

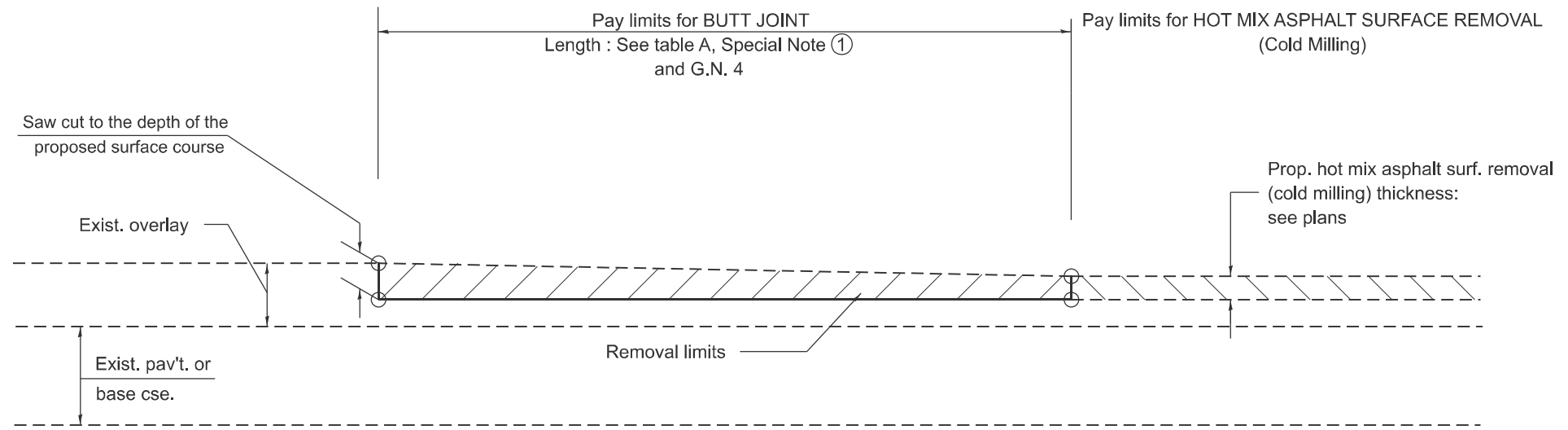
USER NAME = natalie.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

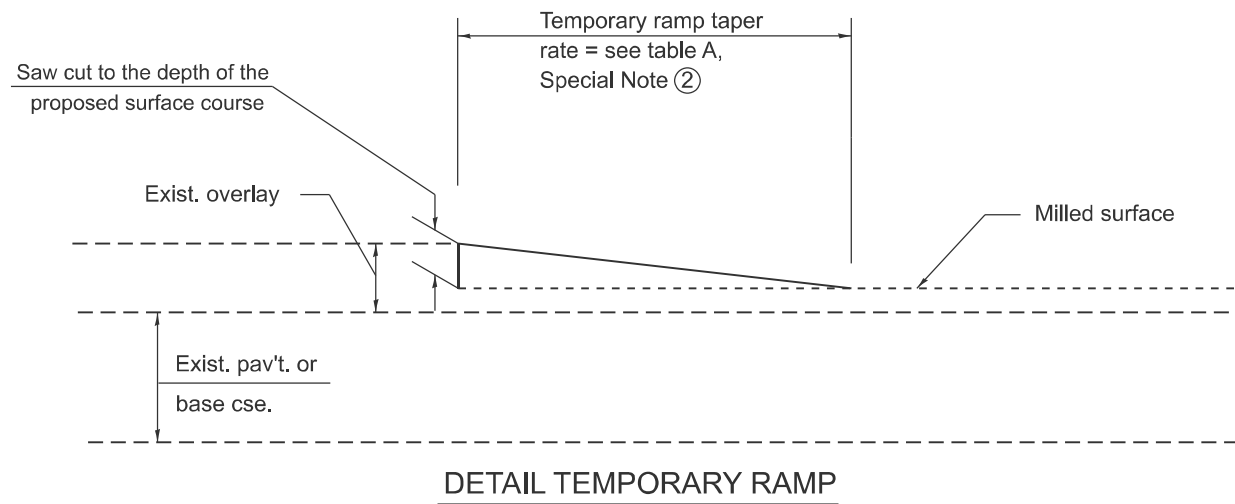
BUTT JOINTS

SCALE: NOT TO SCALE SHEET 1 1 OF 93 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	37
DISTRICT 4 STANDARD NO. 406101			CONTRACT NO. 68J31	
ILLINOIS FED. AID PROJECT				



**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



DETAIL TEMPORARY RAMP

All dimensions are in inches unless otherwise noted.

MODEL: D4-06101-02
FILE NAME: c:\p\work\wifoin\natalieigh.richardson@illinois.gov\1067835\D4-06101.dgn

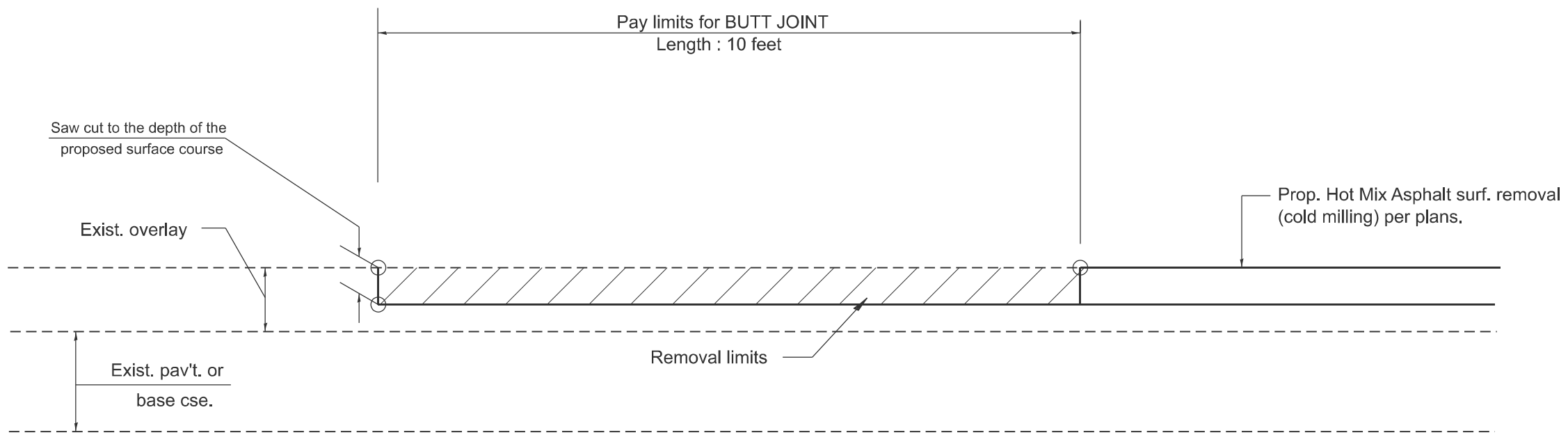
USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS

SCALE: NOT TO SCALE SHEET 2 2 OF 9 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	38
DISTRICT 4 STANDARD NO. 406101			CONTRACT NO. 68J31	
ILLINOIS FED. AID PROJECT				



**CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

MODEL: D4-06101-03
FILE NAME: c:\p\work\pav\in\natalieigh.richardson@illinois.gov\d1067835\D4-06101.dgn

All dimensions are in inches unless otherwise noted.

USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

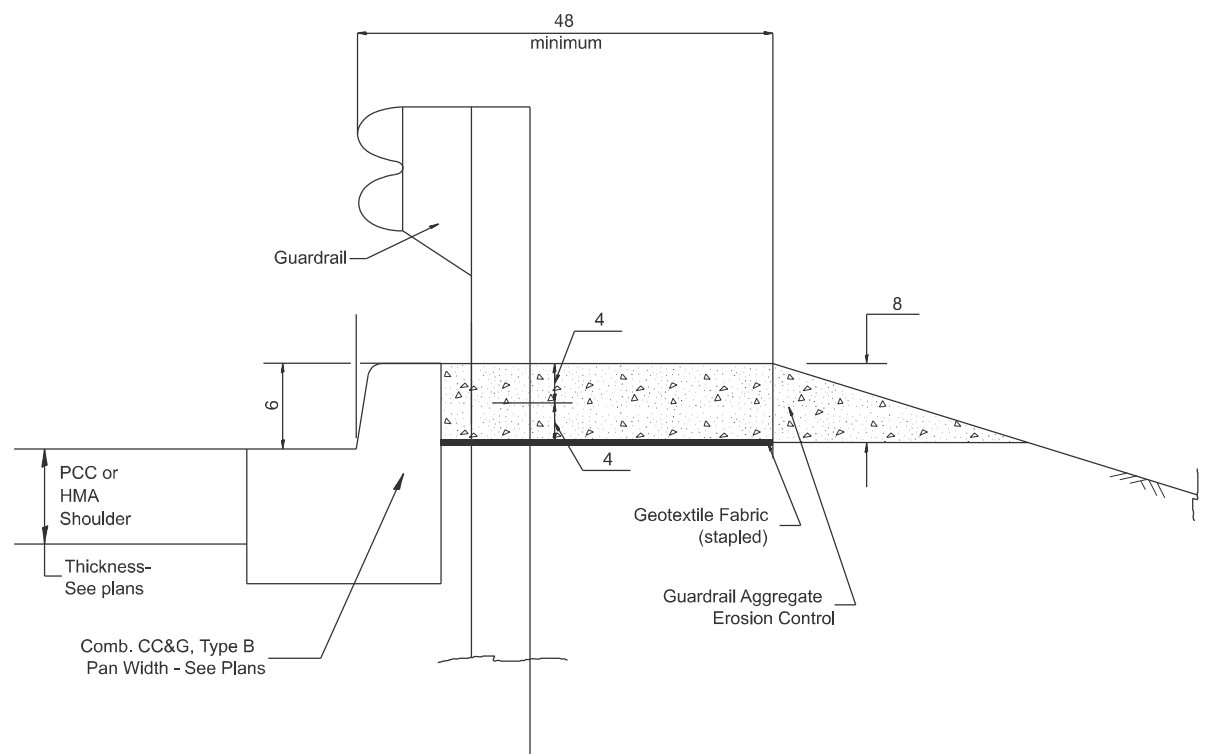
BUTT JOINTS

SCALE: NOT TO SCALE SHEET 3 3 OF 9 3 SHEETS STA. TO STA.

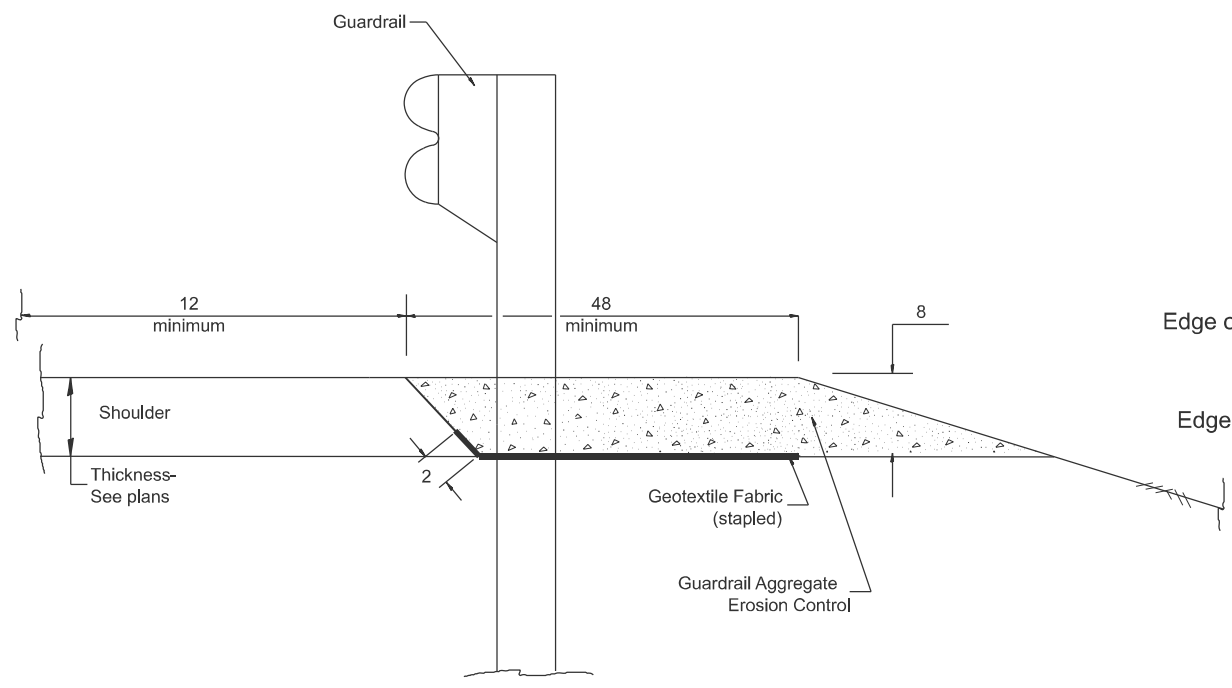
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	39
DISTRICT 4 STANDARD NO. 406101			CONTRACT NO. 68J31	
ILLINOIS FED. AID PROJECT				

DESIGNER NOTES: 1. CONSIDER USING A "B" CURB PAY ITEM AT GUARDRAIL INSTALLATIONS WHERE GRADES ARE EQUAL TO OR GREATER THAN 1% AND AT INLETS. (INCLUDE DISTRICT SPECIAL PROVISION)
 2. USE "GUARDRAIL AGGREGATE EROSION CONTROL" AT GUARDRAIL INSTALLATIONS WHERE GRADES ARE LESS THAN 1%. (INCLUDE DISTRICT SPECIAL PROVISION).
 3. INCLUDE THE FOLLOWING DISTRICT CADD STANDARDS AS NEEDED: SLOPE DRAINS FOR EXPOSED PIPES; SLOPE DRAINS FOR BURIED PIPES; SEEPAGE COLLARS FOR BURIED PIPES
 4. INCLUDE THE FOLLOWING DISTRICT CADD STANDARDS AS NEEDED: CONCRETE THRUST BLOCKS AND PIPE ELBOW.
 5. INCLUDE DISTRICT SPECIAL PROVISION - "AGGREGATE QUALITY" FOR PROJECTS LOCATED IN THE WESTERN AREA OF THE DISTRICT - APPROX. DIVIDING LINE IS IL 97.
 6. DELETE DESIGNER NOTES WHEN INSERTING INTO PLAN FILES.
 7. OPERATIONS PREFERS USE OF PIPE OUTLETTING ONTO FORESLOPE WITH RIPRAP. USE NON-METALLIC PIPE WHEN POSSIBLE BECAUSE OF FUTURE CORROSION ISSUES.
 8. NO OTHER SEEDING IS REQUIRED FOR THIS PROJECT. USE DISTRICT SPECIAL PROVISION FOR SEEDING, MINOR AREAS

MODEL: D4-630101-01
 FILE NAME: c:\p\work\division\state\il\road\3030101\3030101.dwg



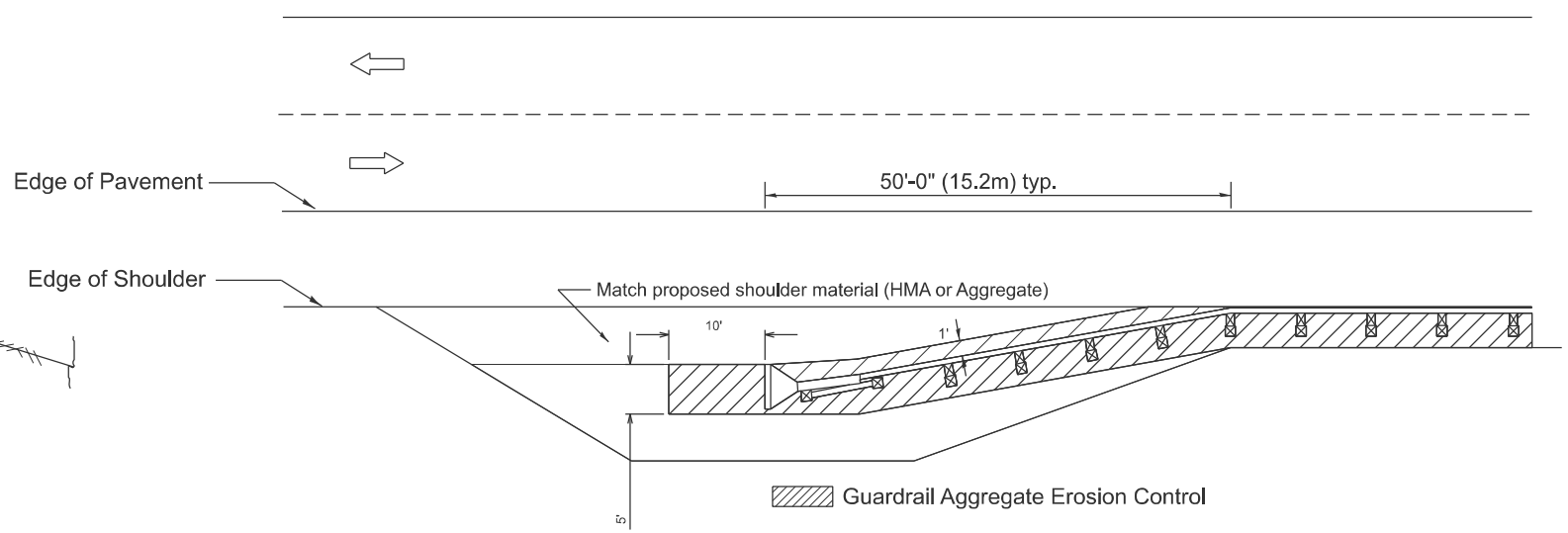
TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12 minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



All dimensions are in inches unless otherwise noted.

USER NAME = natalie.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

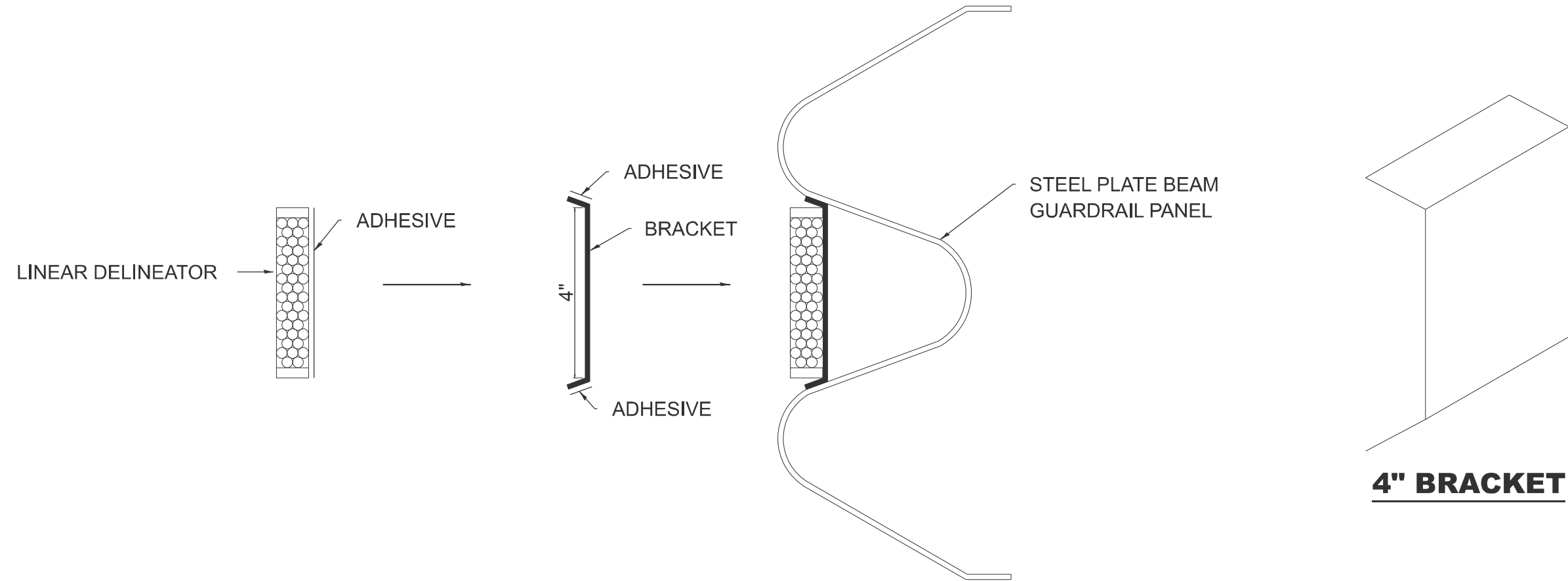
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

SCALE: NOT TO SCALE SHEET 5 1 OF 9 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	41
DISTRICT 4 DETAIL NO. 630101			CONTRACT NO. 68J31	

ILLINOIS FED. AID PROJECT



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

LINEAR DELINEATOR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

MODEL: D4-635003
 FILE NAME: c:\p\work\pwin\natalieigh.richardson@illinois.gov\1067835\D4-635003.dgn

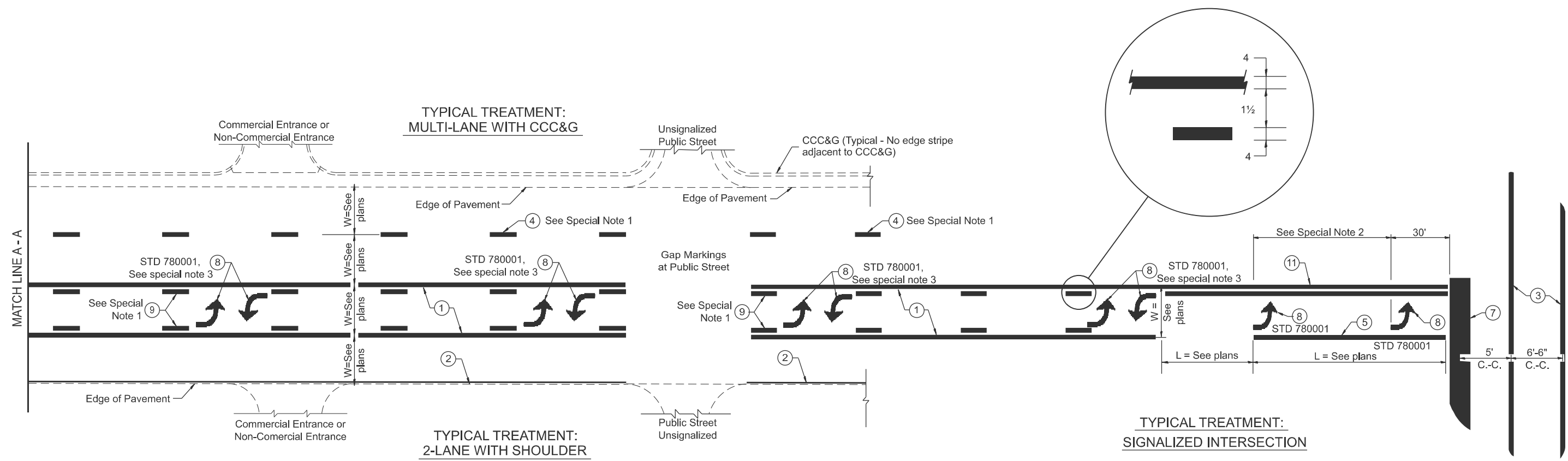
USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINEAR DELINEATOR DETAIL

SCALE: NOT TO SCALE SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	43
DISTRICT 4 DETAIL NO. 635003			CONTRACT NO. 68J31	
ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4 Solid (Yellow)
- ② Urban 4 Solid (White)
Rural 6 Solid (White)
- ③ 2-6 Crosswalk @ 6'-6" min C.-C. + 24" Bars with 24" Gap (White)
2-8 Crosswalk @ 6'-6" min C.-C. (White) (When traffic signals are present.)
- ④ 6 Skip-Dash (White) (See Special Note 1)
- ⑤ 6 Solid (White)
- ⑥ 12 Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24 Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2, 3 & 5)
- ⑨ 4 Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12 Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4 Double Solid (Yellow) (See Table A)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80'.
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200'.
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 16'.

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)
5. Use Large size arrows for Urban and Rural applications.
6. Pavement markings should be grooved in except on bridge decks.

MODEL: D4-780001-01
FILE NAME: c:\p\work\wv\in\at\leigh.richardson@illinois.gov\d1067835\04-780001.dgn

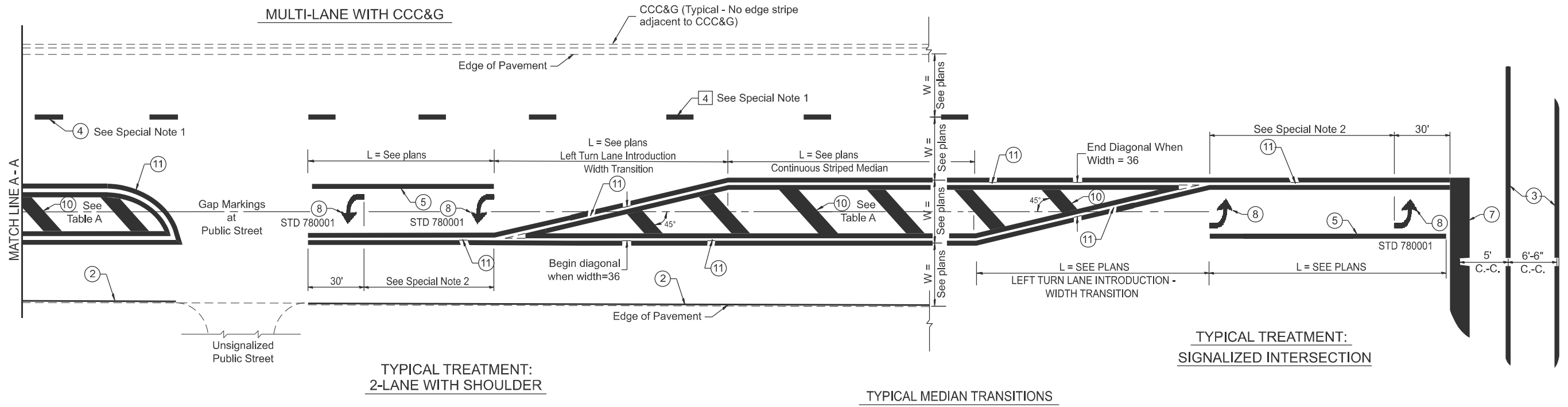
USER NAME = nataleigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

SCALE: NOT TO SCALE SHEET 8 1 OF 92 SHEETS STA. TO STA.

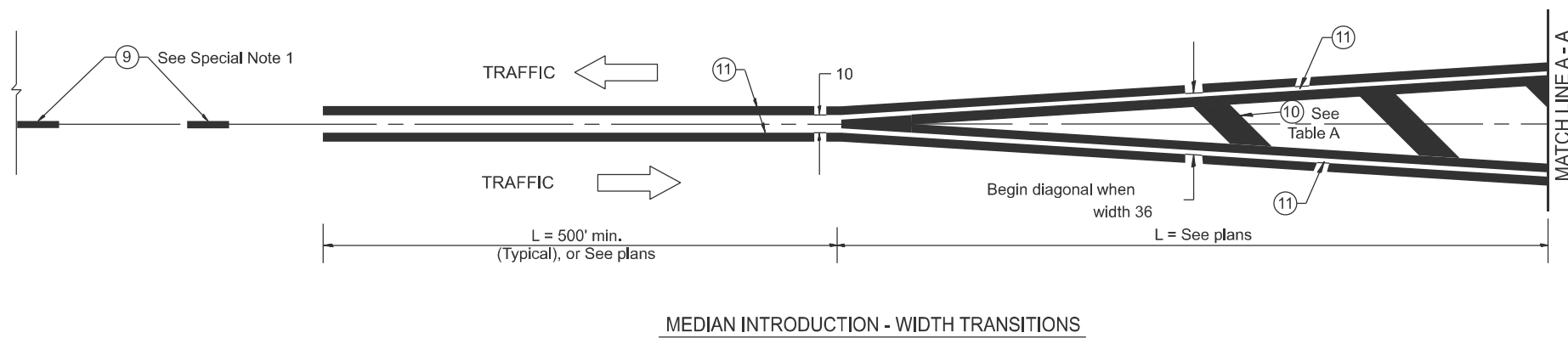
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	44
DISTRICT 4 DETAIL NO. 780001			CONTRACT NO. 68J31	
ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph	50'	15'
30 - 45 mph	75'	20'
Over 45 mph	150'	30'



MODEL: D4-780001-02
FILE NAME: c:\p\work\wv\in\natalieigh.richardson@illinois.gov\1067835\04-780001.dgn

All dimensions are in inches unless otherwise noted.

USER NAME = natalieigh.richardson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

SCALE: NOT TO SCALE SHEET 9 2 OF 92 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6769	8RS-4	TAZEWELL	45	45
DISTRICT 4 DETAIL NO. 780001			CONTRACT NO. 68J31	
ILLINOIS FED. AID PROJECT				