

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
6718	22-00046-00-RS	TAZEWELL	17
		ILLINOIS	CONTRACT NO. 89824

long section number
multiple county names

11-17-2023 LETTING ITEM 100

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
ROADWAY PLANS**

**FAU ROUTE 6718 (FISCHER ROAD) RESURFACING
SECTION 22-00046-00-RS
COVID RELIEF FUNDS BYQJ(099)**

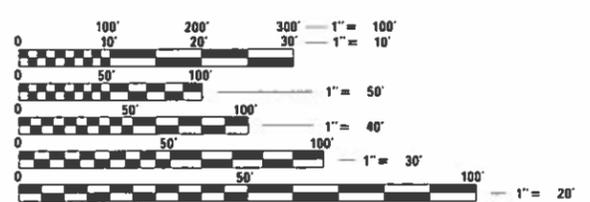
**VILLAGE OF CREVE COEUR
TAZEWELL COUNTY
JOB NO. C-94-020-22**

DESIGN DESIGNATION

FISCHER ROAD
MAJOR COLLECTOR
ADT = 2,250 - 1,150 (2018)

DRAWING SCALES

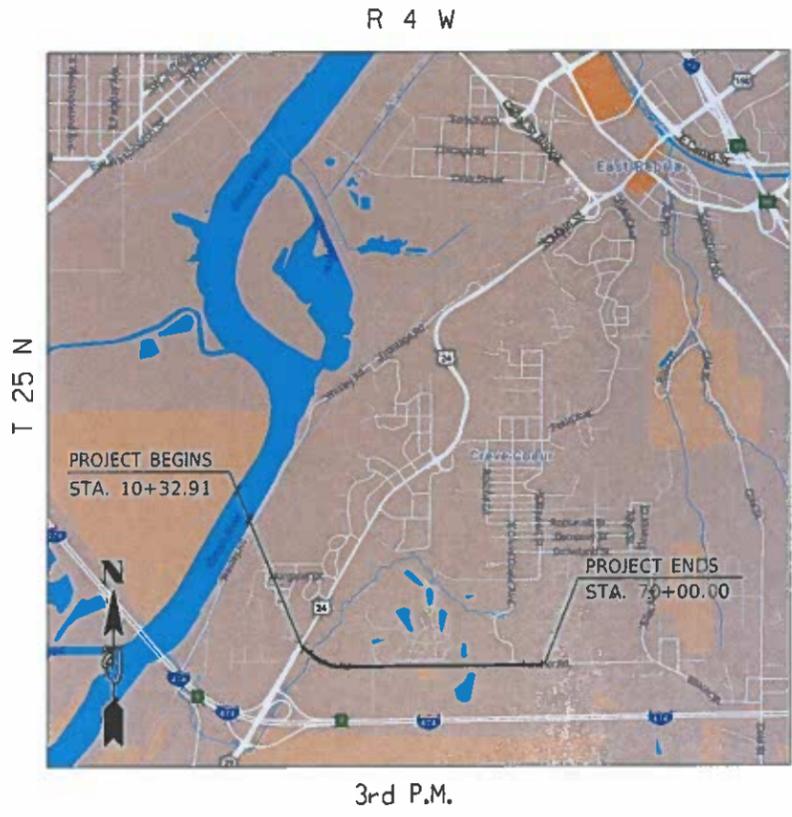
- PROFILE VERTICAL: 1" = 5'
- CROSS SECTION VERTICAL: 1" = 5'
- CROSS SECTION HORIZONTAL: 1" = 10'
- PLAN: 1" = 20'
- PROFILE HORIZONTAL: 1" = 20'



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

CATALOG NO. 036295-00
CONTRACT NO. 89824



GROSS LENGTH = 6,000 FT. = 1.130 MILES
NET LENGTH = 6,000 FT. = 1.130 MILES



Robert D. Culp
ROBERT D. CULP
DATE 08/16/2023

ILLINOIS REGISTERED PROFESSIONAL ENGINEER
No. 062-050922
EXPIRATION DATE 11/30/23

APPROVED August 21, 2023
Mayor Fred Lang
MAYOR
VILLAGE OF CREVE COEUR

PASSED Sept 5th, 2023
[Signature]
DISTRICT FOUR ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW
September 6, 2023
[Signature]
REGION THREE ENGINEER

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OF THE STATE OF ILLINOIS**



INDEX OF SHEETS

SHT. NO. DESCRIPTION

SHT. DESCRIPTION

- 1 COVER SHEET
- 2 INDEX OF SHEETS, LIST OF STANDARDS AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULE OF QUANTITIES
- 6 ALIGNMENT TIES AND BENCHMARKS
- 7-12 ROADWAY PLAN, REMOVAL, RESURFACING, PAVEMENT PACHING & PAVEMENT MARKING PLAN
- 13-17 IDOT DISTRICT 4 STANDARDS

LIST OF STANDARDS

- 000001-08 701336-07
- 001006 701501-06
- 701201-05 701901-08
- 701306-04 886001-01
- 701311-03 886006-01

DISTRICT 4 STANDARDS

- 406101-D4
- 780001-D4

GENERAL NOTES

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 SOLE 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

NO TWO CONSECUTIVE SIDE STREETS (ROADS) MAY BE CLOSED AT THE SAME TIME DURING CONSTRUCTION. THE CONTRACTOR MUST ALTERNATE STREETS (ROADS).

406.05 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

SURFACE TYPE	RESIDUAL RATE
MILLED (HMA OR PCC)	0.08 LB/SF
EXISTING PAVEMENT	0.08 LB/SF
FOG COAT (BETWEEN LIFTS)	0.08 LB/SF

406.10 HOT-MIX ASPHALT MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location(s):	MAINLINE
Mixture Use(s):	Polymer Surface Course
PG:	SBR or SBR 58-28
Design Air Voids:	4.0% @ N=50
Mixture Composition: (Gradation Mixture):	IL 9.5
Friction Aggregate:	MIX D
Mixture Weight:	112#/SQ YD/IN
Quality Management: Program	QC/QA
Sublot Size	N.A.

NOTES:

- 1) INDIVIDUAL LIFT THICKNESSES OF EACH MIX WILL BE NO LESS THAN THREE (3) TIMES NOMINAL MAXIMUM AGGREGATE SIZE AND NO MORE THAN FIVE (5) TIMES NOMINAL AGGREGATE MAXIMUM SIZE, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 2) FOR DESIGN PURPOSES, MIXTURE WEIGHT FOR ALL MIXES IS DETERMINED TO BE 112.0 LB./SQ. YARD/IN., UNLESS OTHERWISE NOTED.
- 3) SUBLOT SIZES FOR PFP AND QCP MIXES WILL BE 1,000 TONS, UNLESS OTHERWISE AGREED TO BY THE ENGINEER AND THE PAVING CONTRACTOR.

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.



USER NAME = MWEA	DESIGNED - RDC	REVISED -
	DRAWN - KRS	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - DLH	REVISED -
PLOT DATE = 9/20/2023	DATE - 04/27/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF CREVE COEUR FISCHER ROAD IMPROVEMENTS
INDEX OF SHEETS, LIST OF STANDARDS AND GENERAL NOTES

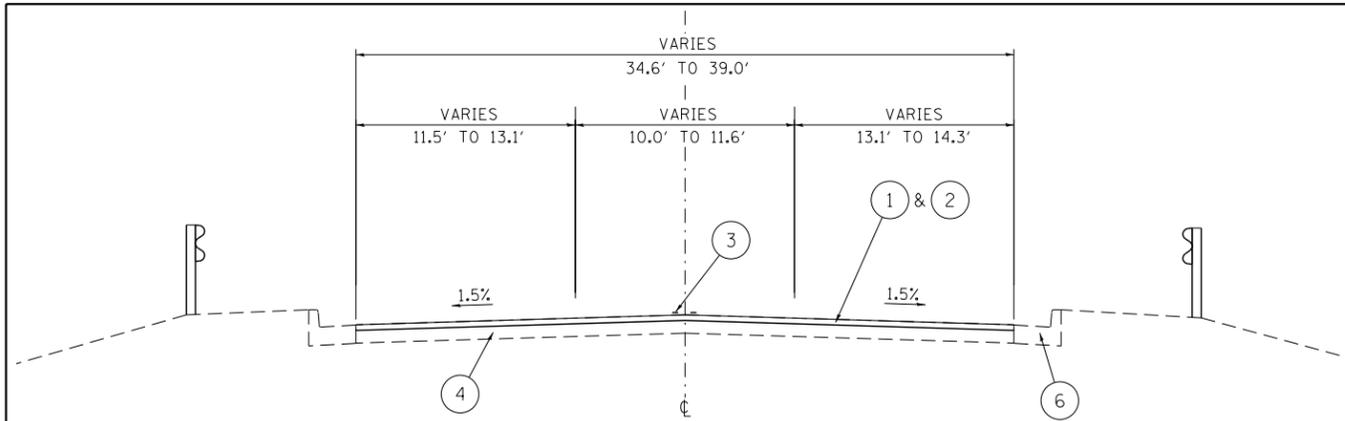
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-RS	TAZEWELL	17	2
CONTRACT NO. 89824				
ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	0005
	40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	11222	
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	130	
	40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1310	
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	15586	
	67100100	MOBILIZATION	L SUM	1	
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1985	
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	662	
#	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83	
#	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4086	
#	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	100	
#	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	128	
#	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	35	
#	88600100	DETECTOR LOOP, TYPE I	FOOT	371	
**	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	

** SPECIAL PROVISION

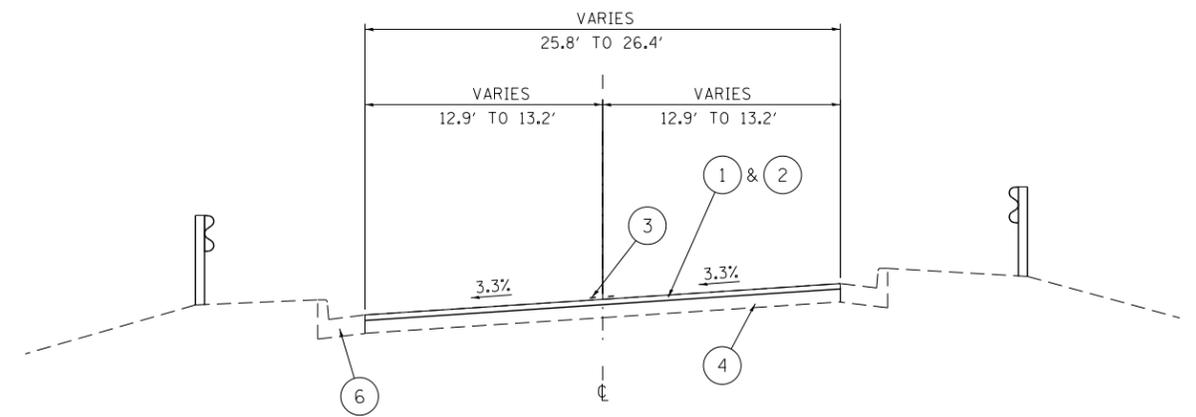
SPECIALTY ITEM



EXISTING 3 LANE CURB AND GUTTER

STA. 10+32.91 TO STA 13+98.00

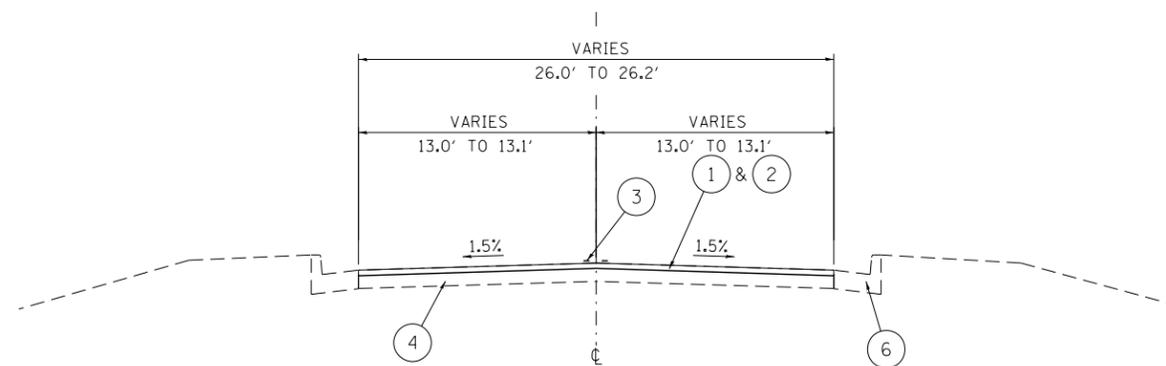
- ① HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- ② POLYMERIZED HMA SURFACE COURSE, MIX D, N50 1.5"
- ③ MODIFIED URETHANE PAVEMENT MARKING
- ④ EXISTING HOT - MIX ASPHALT PAVEMENT
- ⑤ EXISTING COMPOSITE PAVEMENT (HOT - MIX ASPHALT & BITUMINOUS SURFACE TREATMENTS (CHIP SEAL) 5/2"
- ⑥ EXISTING B-6.24 COMBINATION CONCRETE CURB AND GUTTER



EXISTING 2 LANE - FULL SUPERELEVATION CURB AND GUTTER

STA. 13+98.00 TO STA 23+50.00

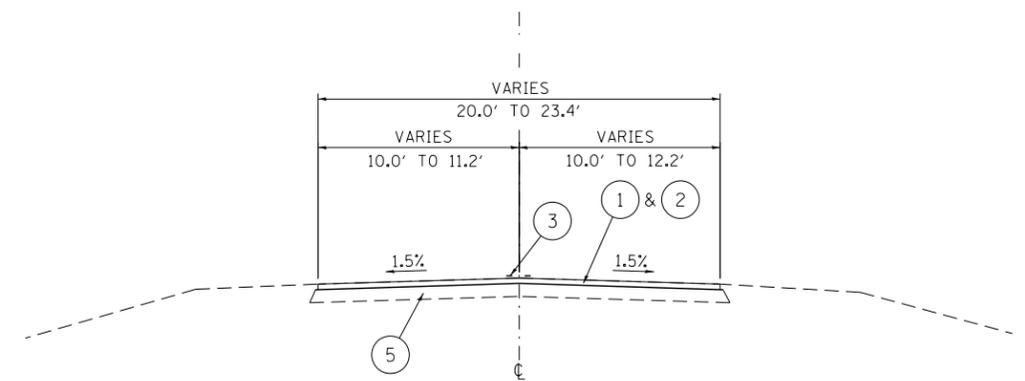
- ① HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- ② POLYMERIZED HMA SURFACE COURSE, MIX D, N50 1.5"
- ③ MODIFIED URETHANE PAVEMENT MARKING
- ④ EXISTING HOT - MIX ASPHALT PAVEMENT
- ⑤ EXISTING COMPOSITE PAVEMENT (HOT - MIX ASPHALT & BITUMINOUS SURFACE TREATMENTS (CHIP SEAL) 5/2"
- ⑥ EXISTING B-6.24 COMBINATION CONCRETE CURB AND GUTTER



EXISTING 2 LANE - NORMAL CROWN CURB AND GUTTER

STA. 23+50.00 TO STA 29+25.00

- ① HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- ② POLYMERIZED HMA SURFACE COURSE, MIX D, N50 1.5"
- ③ MODIFIED URETHANE PAVEMENT MARKING
- ④ EXISTING HOT - MIX ASPHALT PAVEMENT
- ⑤ EXISTING COMPOSITE PAVEMENT (HOT - MIX ASPHALT & BITUMINOUS SURFACE TREATMENTS (CHIP SEAL) 5/2"
- ⑥ EXISTING B-6.24 COMBINATION CONCRETE CURB AND GUTTER



EXISTING 2 LANE - NORMAL CROWN

STA. 29+25.00 TO STA 70+00.00

- ① HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- ② POLYMERIZED HMA SURFACE COURSE, MIX D, N50 1.5"
- ③ MODIFIED URETHANE PAVEMENT MARKING
- ④ EXISTING HOT - MIX ASPHALT PAVEMENT
- ⑤ EXISTING COMPOSITE PAVEMENT (HOT - MIX ASPHALT & BITUMINOUS SURFACE TREATMENTS (CHIP SEAL) 5/2"
- ⑥ EXISTING B-6.24 COMBINATION CONCRETE CURB AND GUTTER



USER NAME = MWEA	DESIGNED - RDC	REVISED -
	DRAWN - KRS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DLH	REVISED -
PLOT DATE = 8/16/2023	DATE - 04/27/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF CREVE COEUR
FISCHER ROAD IMPROVEMENTS - TYPICAL SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-RS	TAZEWELL	17	4
CONTRACT NO. 89824				
ILLINOIS FED. AID PROJECT				

HMA REMOVAL SCHEDULE			HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
LOCATION			SQ YD	SQYD
STA. 10+32.91	TO	STA. 15+00.00	1,790	105
STA. 15+00.00	TO	STA. 20+50.00	1,595	
STA. 20+50.00	TO	STA. 25+50.00	1,446	
STA. 25+50.00	TO	STA. 30+00.00	1,300	
STA. 30+00.00	TO	STA. 35+50.00	1,419	
STA. 35+50.00	TO	STA. 41+00.0	1,375	
STA. 41+00.0	TO	STA. 46+50.00	1,302	
STA. 46+50.0	TO	STA. 52+00.00	1,255	
STA. 52+00.0	TO	STA. 57+50.00	1,255	
STA. 57+50.0	TO	STA. 63+00.00	1,244	
STA. 63+00.0	TO	STA. 68+50.00	1,279	
STA. 68+50.0	TO	STA. 70+00.00	326	25
SUBTOTAL			15,586	130
TOTAL			15,586	130

PAVEMENT MARKING SCHEDULE			MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"		MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
LOCATION			WHITE SQ FT	YELLOW FOOT	WHITE FOOT	WHITE FOOT	YELLOW FOOT	WHITE FOOT	WHITE FOOT	WHITE FOOT	WHITE SQFT
STA. 10+32.91	TO	STA. 15+00.00	83	1317		100	128		35	110	37
STA. 15+00.00	TO	STA. 20+50.00		1100						100	33
STA. 20+50.00	TO	STA. 25+50.00		552						90	30
STA. 25+50.00	TO	STA. 30+00.00		113						110	37
STA. 30+00.00	TO	STA. 35+50.00		138						110	37
STA. 35+50.00	TO	STA. 41+00.0		138						110	37
STA. 41+00.0	TO	STA. 46+50.00		138						110	37
STA. 46+50.0	TO	STA. 52+00.00		138						110	37
STA. 52+00.0	TO	STA. 57+50.00		138						110	37
STA. 57+50.0	TO	STA. 63+00.00		138						110	37
STA. 63+00.0	TO	STA. 68+50.00		138						110	37
STA. 68+50.0	TO	STA. 70+00.00		38						30	10
SUBTOTAL			83	4,086	0	100	128	0	35	1985	662
TOTAL			83	4,086	0	100	128	0	35	1985	662

HMA PAVING SCHEDULE			POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
LOCATION			TON	POUND
STA. 10+32.91	TO	STA. 15+00.00	150.3	1,288.3
STA. 15+00.00	TO	STA. 20+50.00	134.0	1,148.6
STA. 20+50.00	TO	STA. 25+50.00	121.5	1,041.4
STA. 25+50.00	TO	STA. 30+00.00	109.2	936.0
STA. 30+00.00	TO	STA. 35+50.00	119.2	1,021.7
STA. 35+50.00	TO	STA. 41+00.0	115.5	990.0
STA. 41+00.0	TO	STA. 46+50.00	109.4	937.7
STA. 46+50.0	TO	STA. 52+00.00	105.4	903.4
STA. 52+00.0	TO	STA. 57+50.00	105.4	903.4
STA. 57+50.0	TO	STA. 63+00.00	104.5	895.7
STA. 63+00.0	TO	STA. 68+50.00	107.4	920.6
STA. 68+50.0	TO	STA. 70+00.00	27.4	234.9
SUBTOTAL			1,309.2	11,221.7
TOTAL			1,310	11,222

QUANTITIES NOT OTHERWISE SCHEDULED	MOBILIZATION	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	CONSTRUCTION LAYOUT
LOCATION	L. SUM	L. SUM	L. SUM
FISCHER ROAD	1	1	1
TOTAL	1	1	1



USER NAME = MWEA
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2023

DESIGNED - RDC
 DRAWN - KRS
 CHECKED - DLH
 DATE - 04/27/2023

REVISED -
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 REVISED -
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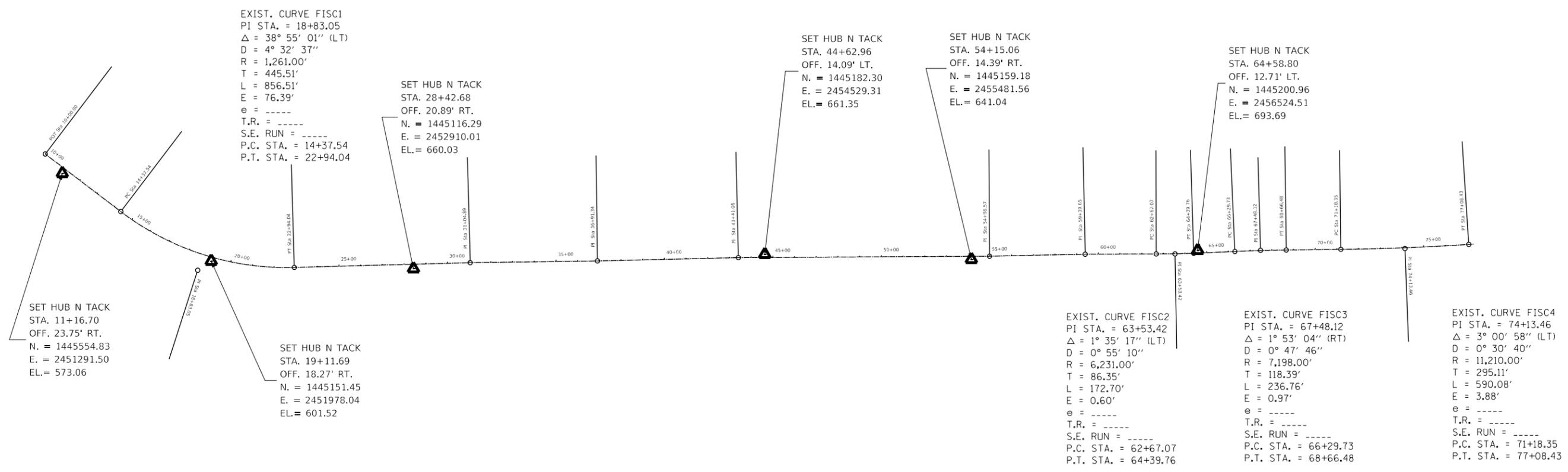
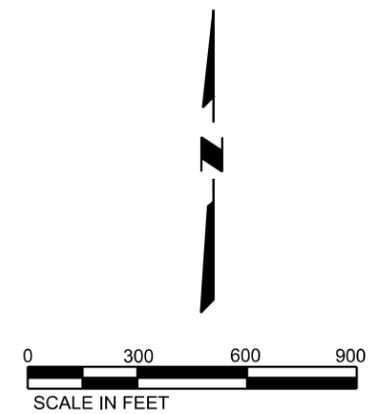
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

VILLAGE OF CREVE COEUR
 FISCHER ROAD IMPROVEMENTS - SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-RS	TAZEWELL	17	5
			CONTRACT NO. 89824	

ILLINOIS FED. AID PROJECT 05E2(122)



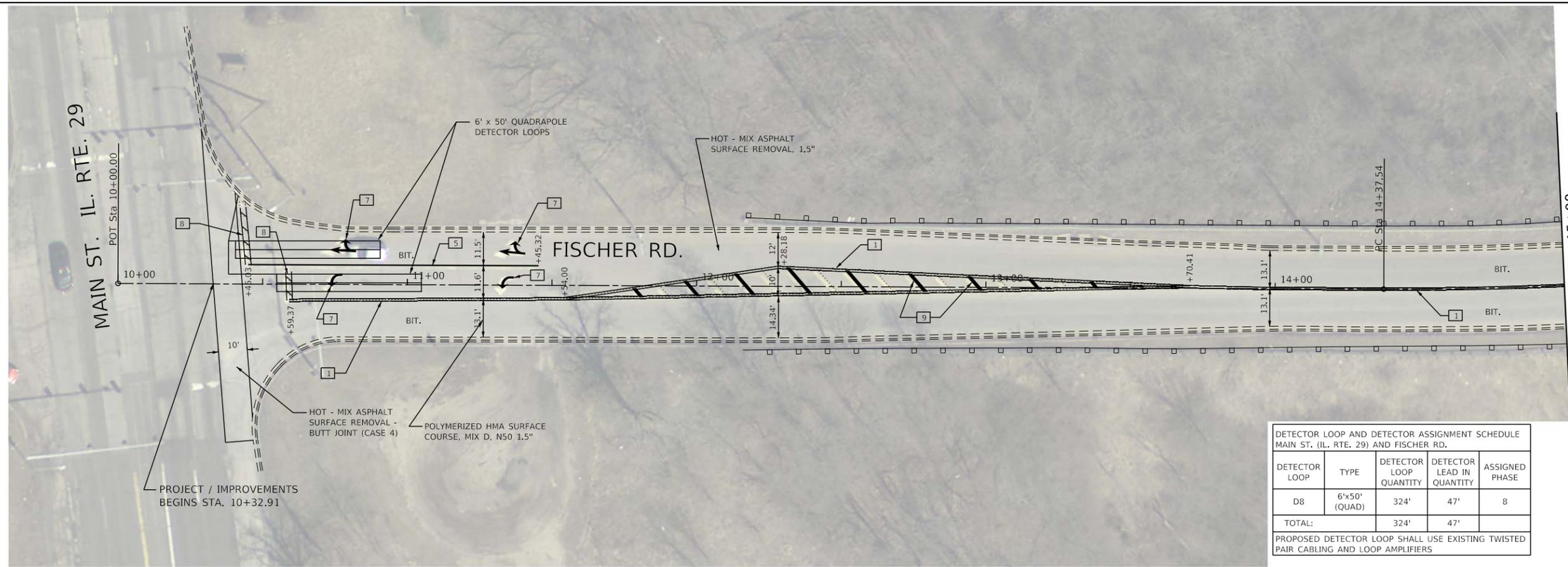
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PLOT DATE = 8/16/2023	DATE - 04/27/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF CREVE COEUR
FISCHER ROAD IMPROVEMENTS - ALIGNMENT TIES AND BENCHMARKS**

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

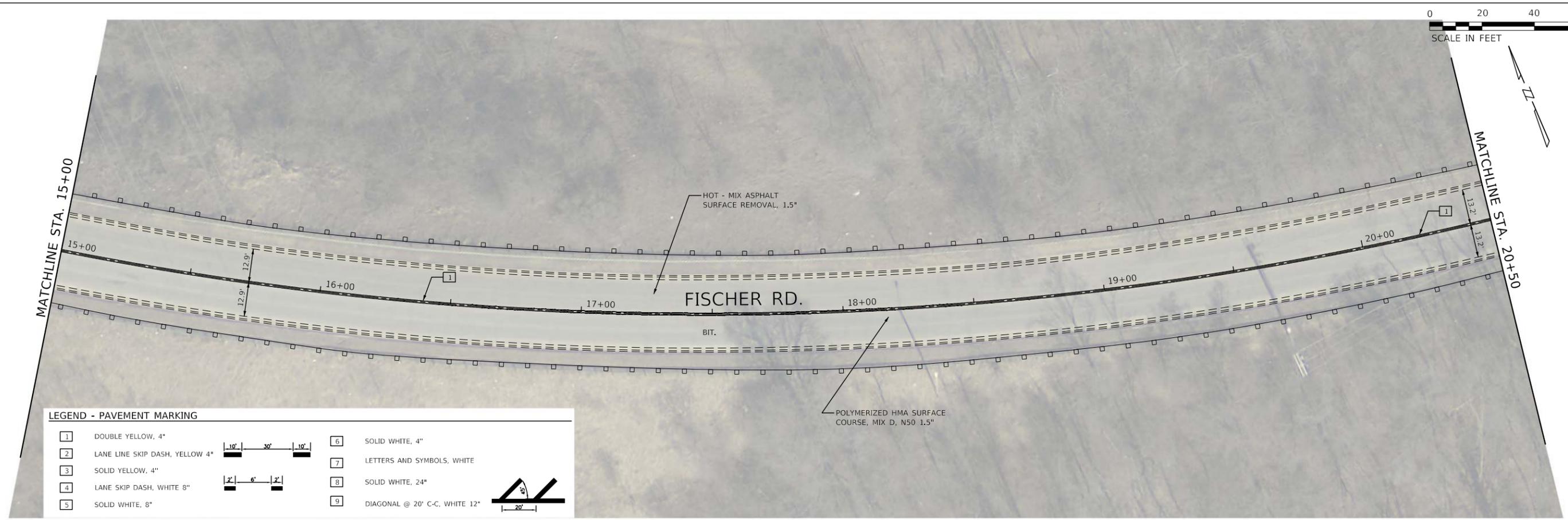
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-RS	TAZEWELL	17	6
CONTRACT NO. 89824				
ILLINOIS FED. AID PROJECT 05E2(122)				



DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE
MAIN ST. (IL. RTE. 29) AND FISCHER RD.

DETECTOR LOOP	TYPE	DETECTOR LOOP QUANTITY	DETECTOR LEAD IN QUANTITY	ASSIGNED PHASE
D8	6'x50' (QUAD)	324'	47'	8
TOTAL:		324'	47'	

PROPOSED DETECTOR LOOP SHALL USE EXISTING TWISTED PAIR CABLING AND LOOP AMPLIFIERS



LEGEND - PAVEMENT MARKING

1	DOUBLE YELLOW, 4"	6	SOLID WHITE, 4"
2	LANE LINE SKIP DASH, YELLOW 4"	7	LETTERS AND SYMBOLS, WHITE
3	SOLID YELLOW, 4"	8	SOLID WHITE, 24"
4	LANE SKIP DASH, WHITE 8"	9	DIAGONAL @ 20' C-C, WHITE 12"
5	SOLID WHITE, 8"		

MODEL: 4400ELNAMES
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USER NAME = MWEA	DESIGNED - RDC	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - KRS	REVISED -
PLOT DATE = 8/16/2023	CHECKED - DLH	REVISED -
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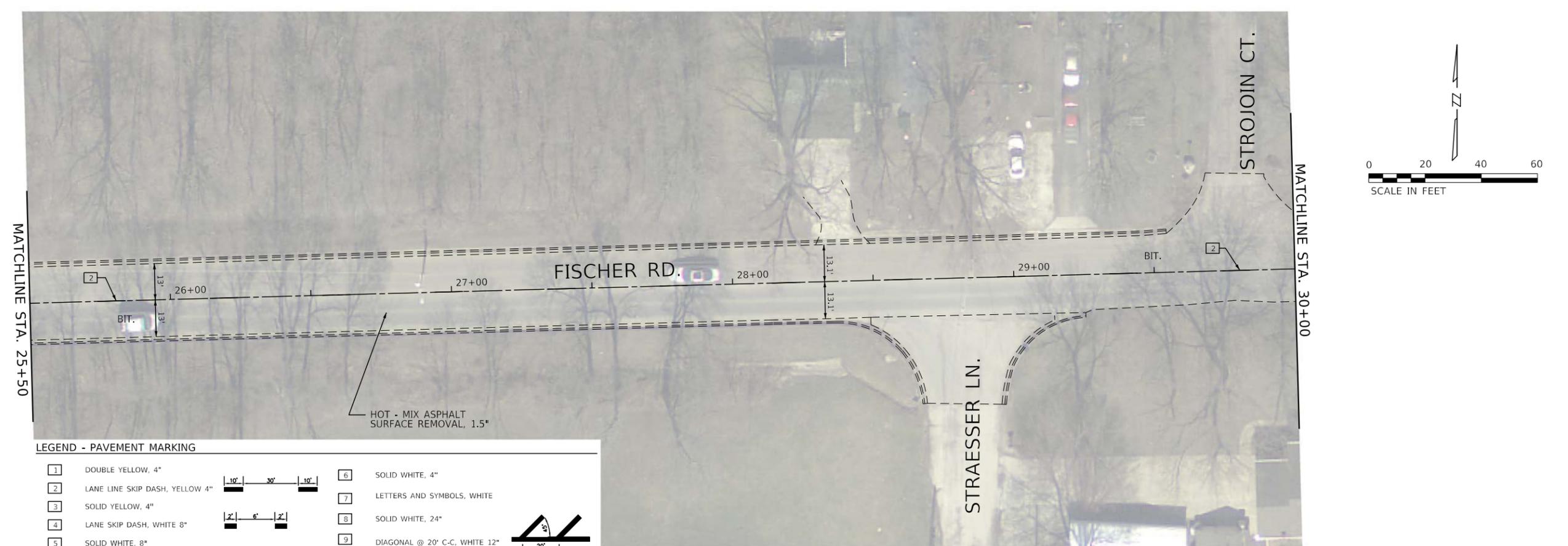
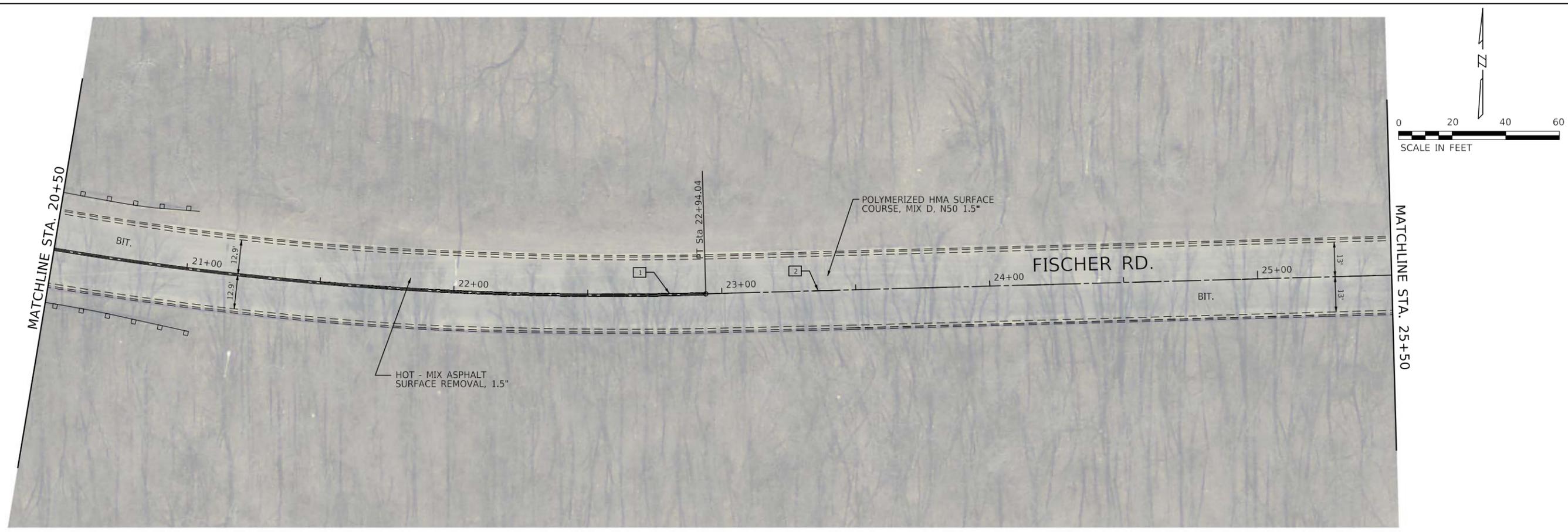
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FISCHER ROAD - REMOVAL, RESURFACING,
PAVEMENT PACHING & PAVEMENT MARKING PLAN**

SCALE: AS SHOWN SHEET 1 OF 6 SHEETS STA. 10+00 TO STA. 20+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-R5	TAZEWELL	17	7

CONTRACT NO. 89824
ILLINOIS FED. AID PROJECT



LEGEND - PAVEMENT MARKING

1	DOUBLE YELLOW, 4"	6	SOLID WHITE, 4"
2	LANE LINE SKIP DASH, YELLOW 4"	7	LETTERS AND SYMBOLS, WHITE
3	SOLID YELLOW, 4"	8	SOLID WHITE, 24"
4	LANE SKIP DASH, WHITE 8"	9	DIAGONAL @ 20° C-C, WHITE 12"
5	SOLID WHITE, 8"		

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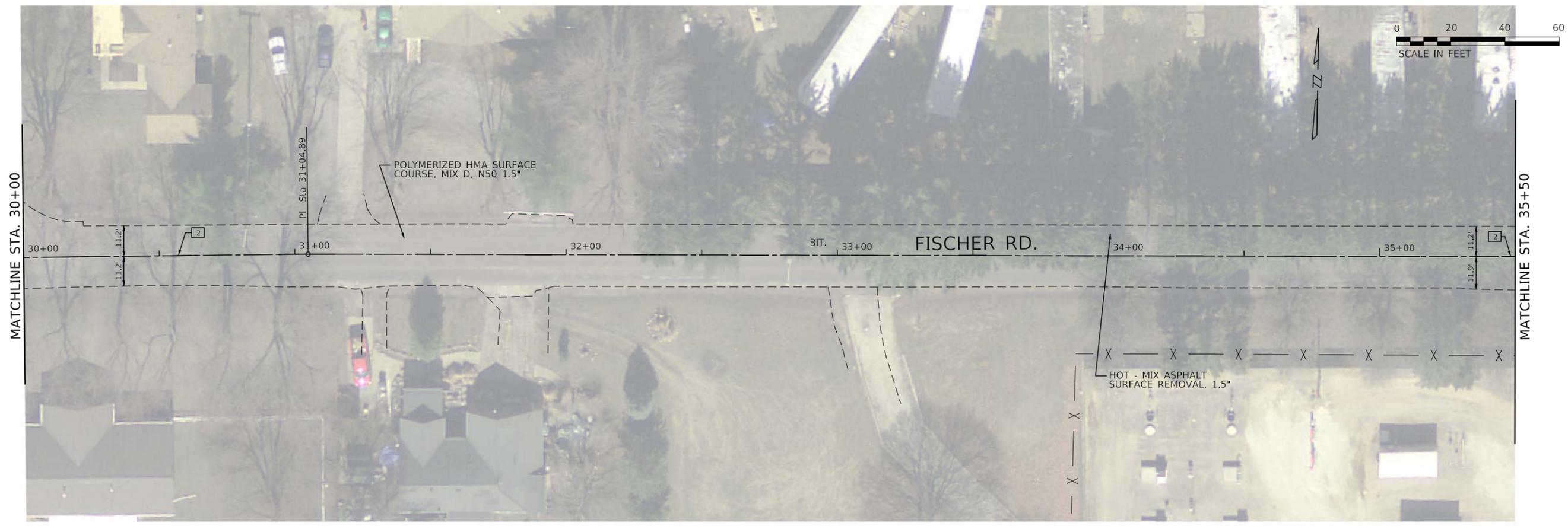
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PLOT DATE = 8/16/2023	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FISCHER ROAD – REMOVAL, RESURFACING,
PAVEMENT PACHING & PAVEMENT MARKING PLAN**

SCALE: AS SHOWN SHEET 2 OF 6 SHEETS STA. 20+50 TO STA. 30+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-RS	TAZEWELL	17	8
CONTRACT NO. 89824				
ILLINOIS FED. AID PROJECT				



LEGEND - PAVEMENT MARKING

1	DOUBLE YELLOW, 4"		6	SOLID WHITE, 4"	
2	LANE LINE SKIP DASH, YELLOW 4"		7	LETTERS AND SYMBOLS, WHITE	
3	SOLID YELLOW, 4"		8	SOLID WHITE, 24"	
4	LANE SKIP DASH, WHITE 8"		9	DIAGONAL @ 20° C-C, WHITE 12"	
5	SOLID WHITE, 8"				

MODEL: 4400ELNAMES
FILE NAME: PLOT_FISCHER_3000_4100.dgn



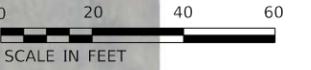
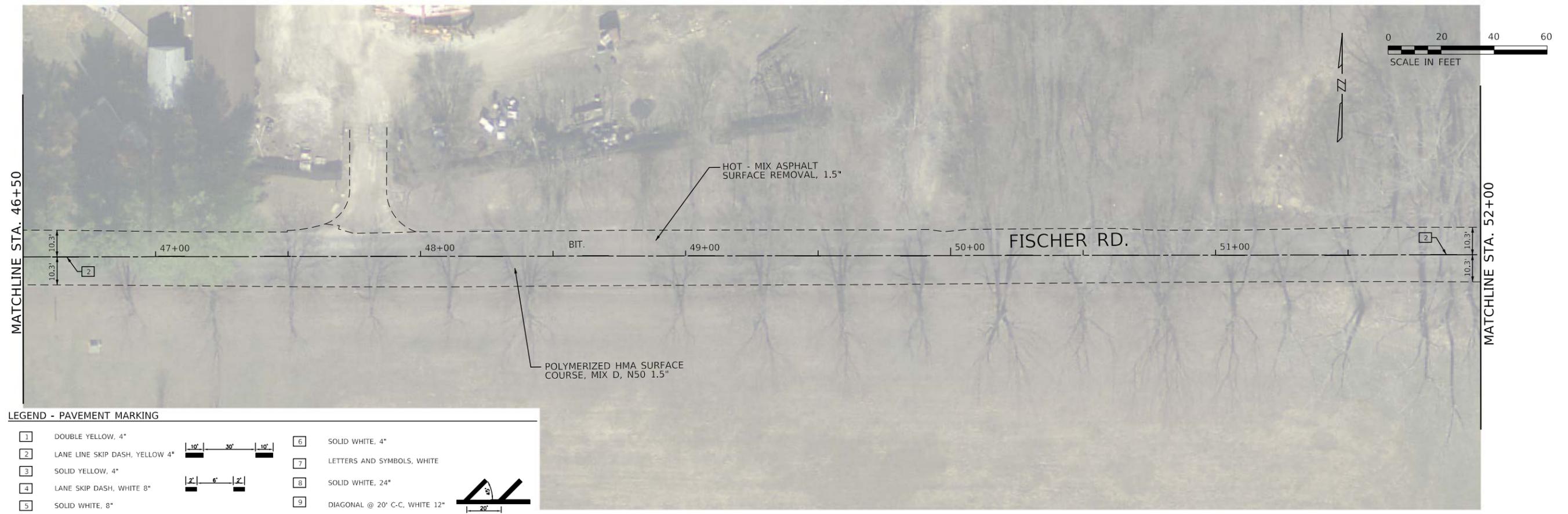
USER NAME = MWEA	DESIGNED - RDC	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - KRS	REVISED -
PLOT DATE = 8/16/2023	CHECKED - DLH	REVISED -
	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FISCHER ROAD – REMOVAL, RESURFACING,
PAVEMENT PACHING & PAVEMENT MARKING PLAN**

SCALE: AS SHOWN SHEET 3 OF 6 SHEETS STA. 30+00 TO STA. 41+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-RS	TAZEWELL	17	9
CONTRACT NO. 89824				
ILLINOIS FED. AID PROJECT				



LEGEND - PAVEMENT MARKING

1	DOUBLE YELLOW, 4"	6	SOLID WHITE, 4"
2	LANE LINE SKIP DASH, YELLOW 4"	7	LETTERS AND SYMBOLS, WHITE
3	SOLID YELLOW, 4"	8	SOLID WHITE, 24"
4	LANE SKIP DASH, WHITE 8"	9	DIAGONAL @ 20' C-C, WHITE 12"
5	SOLID WHITE, 8"		

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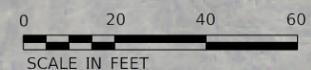
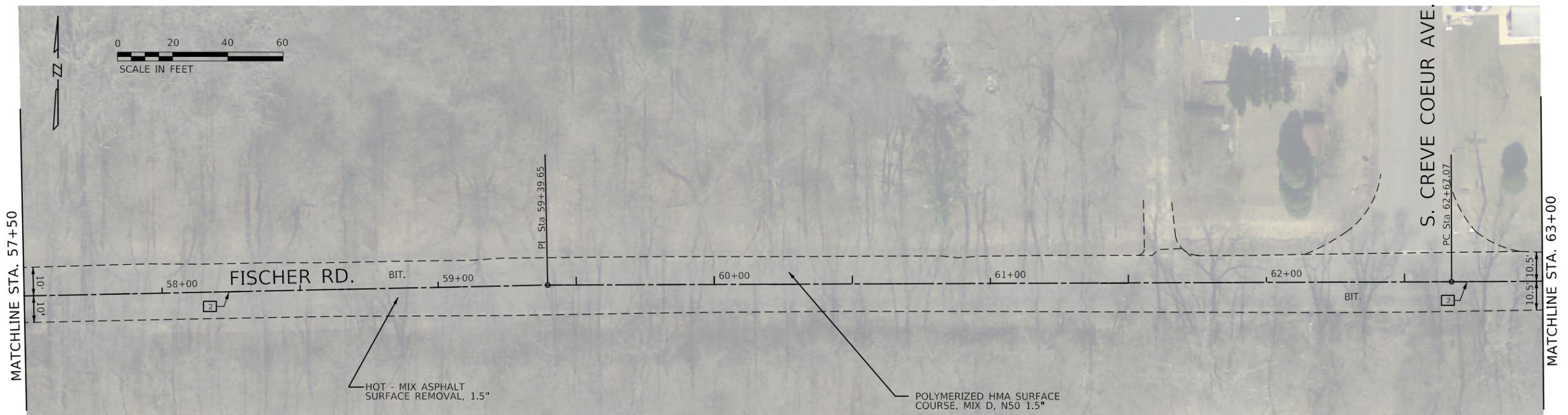
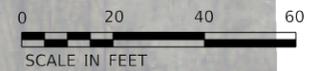
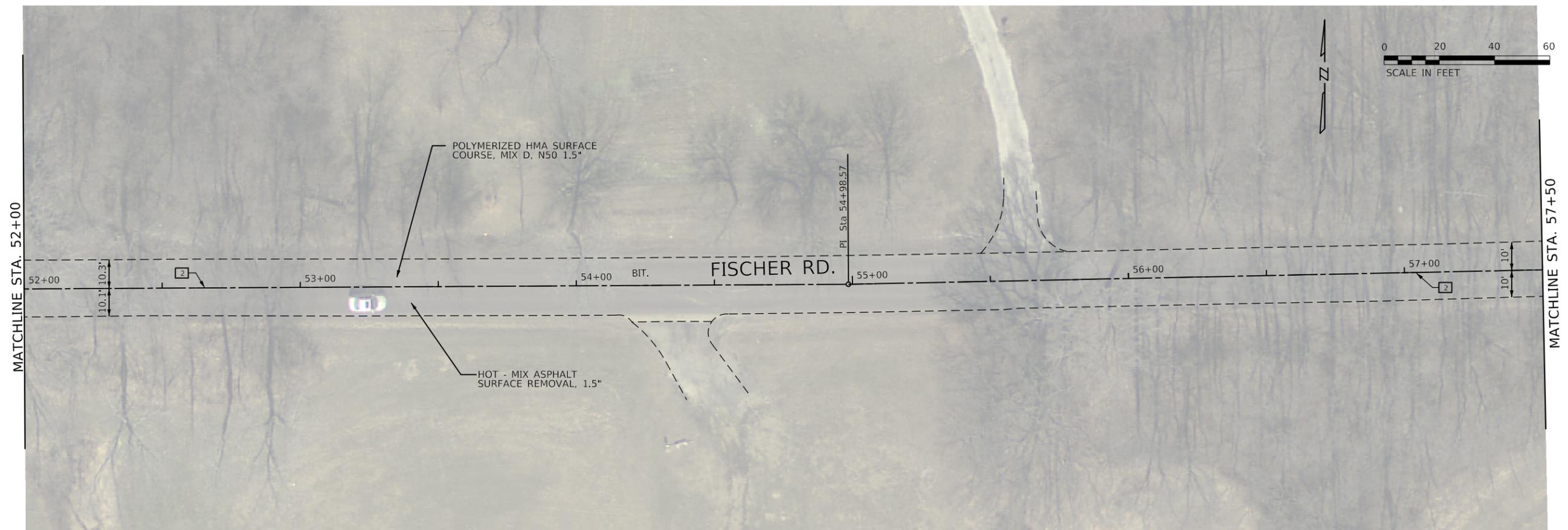
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FISCHER ROAD – REMOVAL, RESURFACING,
PAVEMENT PACHING & PAVEMENT MARKING PLAN

SCALE: AS SHOWN SHEET 4 OF 6 SHEETS STA. 41+00 TO STA. 52+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-RS	TAZEWELL	17	10
CONTRACT NO. 89824				
ILLINOIS FED. AID PROJECT				



LEGEND - PAVEMENT MARKING

1	DOUBLE YELLOW, 4"		6	SOLID WHITE, 4"
2	LANE LINE SKIP DASH, YELLOW 4"		7	LETTERS AND SYMBOLS, WHITE
3	SOLID YELLOW, 4"		8	SOLID WHITE, 24"
4	LANE SKIP DASH, WHITE 8"		9	DIAGONAL @ 20' C-C, WHITE 12"
5	SOLID WHITE, 8"			

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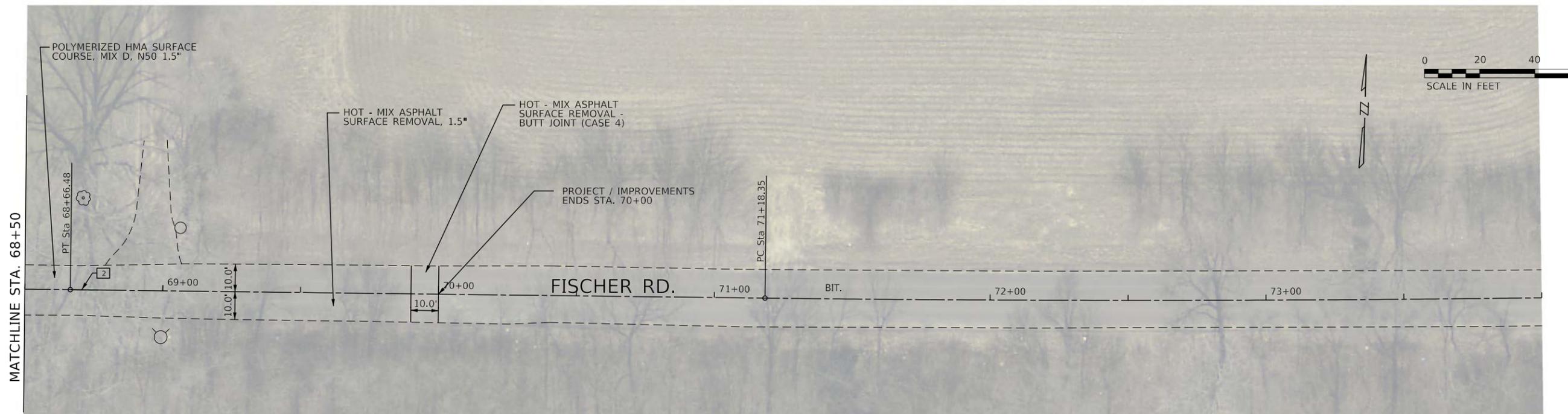
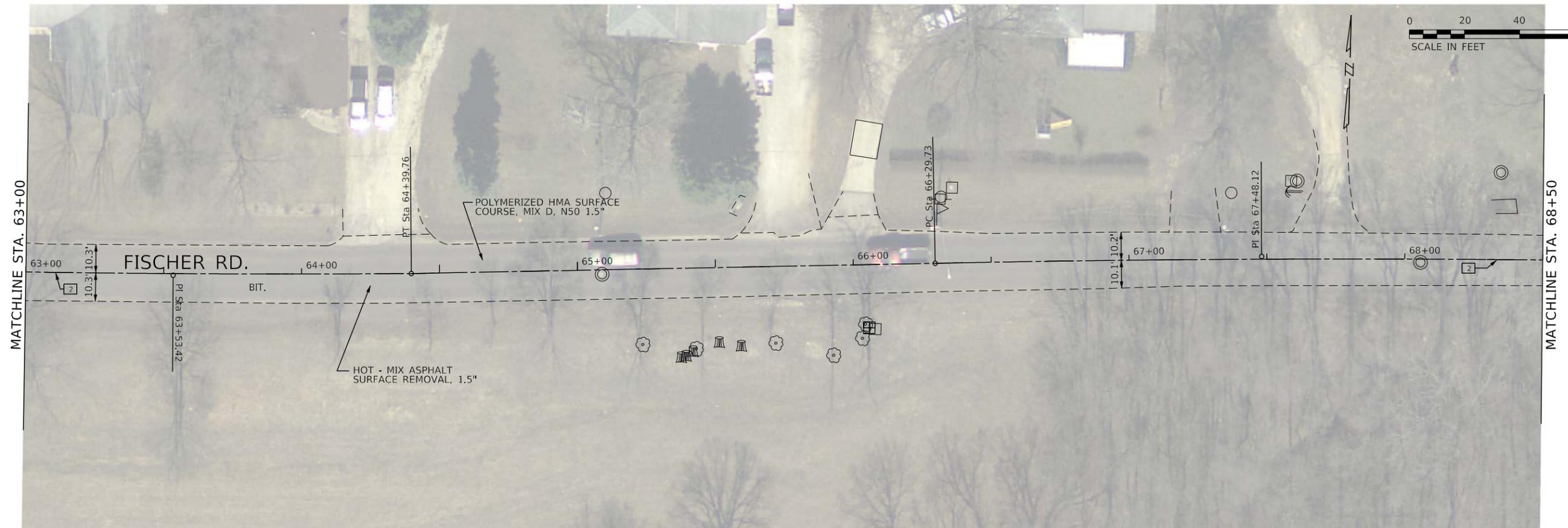
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FISCHER ROAD - REMOVAL, RESURFACING,
PAVEMENT PACHING & PAVEMENT MARKING PLAN**

SCALE: AS SHOWN SHEET 5 OF 6 SHEETS STA. 52+00 TO STA. 63+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00045-00-RS	TAZEWELL	17	11
CONTRACT NO. 89824				
ILLINOIS FED. AID PROJECT				



LEGEND - PAVEMENT MARKING

- | | | | | |
|---|--------------------------------|-----------------|---|-------------------------------|
| 1 | DOUBLE YELLOW, 4" | 10' 30' 10' | 6 | SOLID WHITE, 4" |
| 2 | LANE LINE SKIP DASH, YELLOW 4" | 2' 6' 2' | 7 | LETTERS AND SYMBOLS, WHITE |
| 3 | SOLID YELLOW, 4" | | 8 | SOLID WHITE, 24" |
| 4 | LANE SKIP DASH, WHITE 8" | | 9 | DIAGONAL @ 20° C-C, WHITE 12" |
| 5 | SOLID WHITE, 8" | | | |



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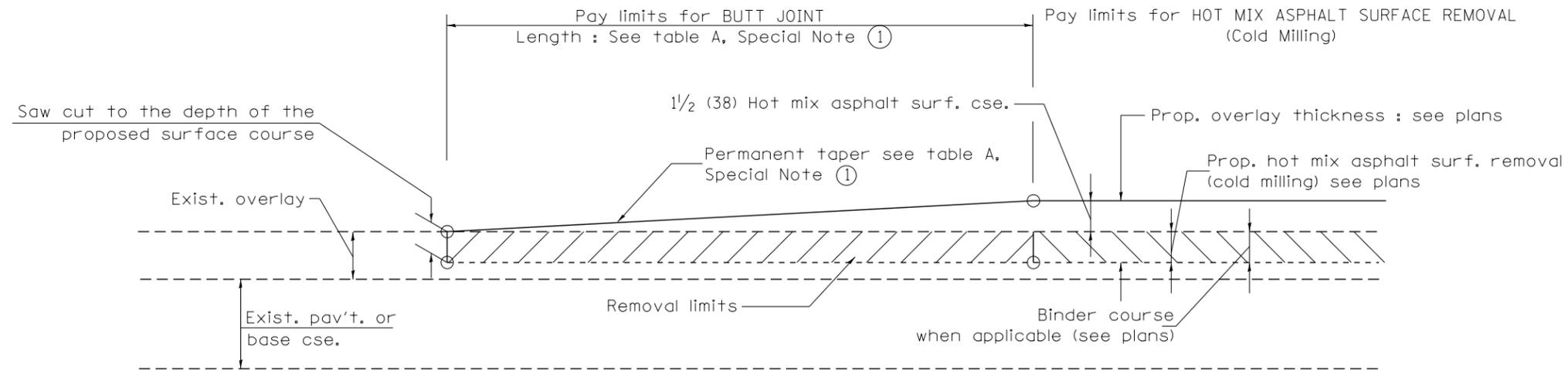
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	DRAWN - KRS	REVISED -
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PLOT DATE = 8/16/2023	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FISCHER ROAD - REMOVAL, RESURFACING,
PAVEMENT PACHING & PAVEMENT MARKING PLAN**

SCALE: AS SHOWN SHEET 6 OF 6 SHEETS STA. 63+00 TO STA. 74+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-R5	TAZEWELL	17	12
			CONTRACT NO. 89824	
		ILLINOIS FED. AID PROJECT		



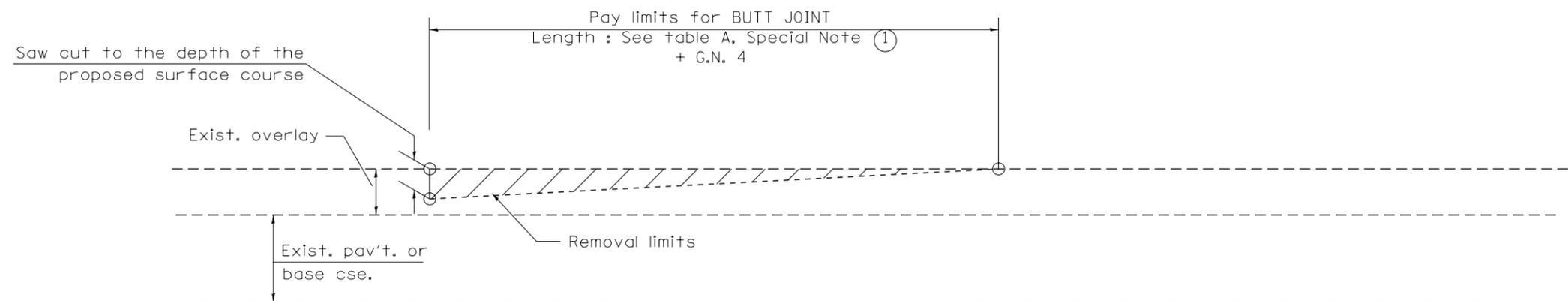
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**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 (millimeters) unless otherwise noted.

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.	08-21-13	MAJOR MODIFICATIONS	R.D.
04-01-97	CORRECTION TO DEPTH	J.A.	04-12-16	MINOR CORRECTIONS	R.D.
09-15-05	REVISED DESIGNER NOTE	M.M.A.	02-14-17	ADDED NOTE 5	R.D.
10-16-06	REVISED TO 2007 SPEC.	M.A.	07-16-19	Wording and Spelling corrections	R.D.

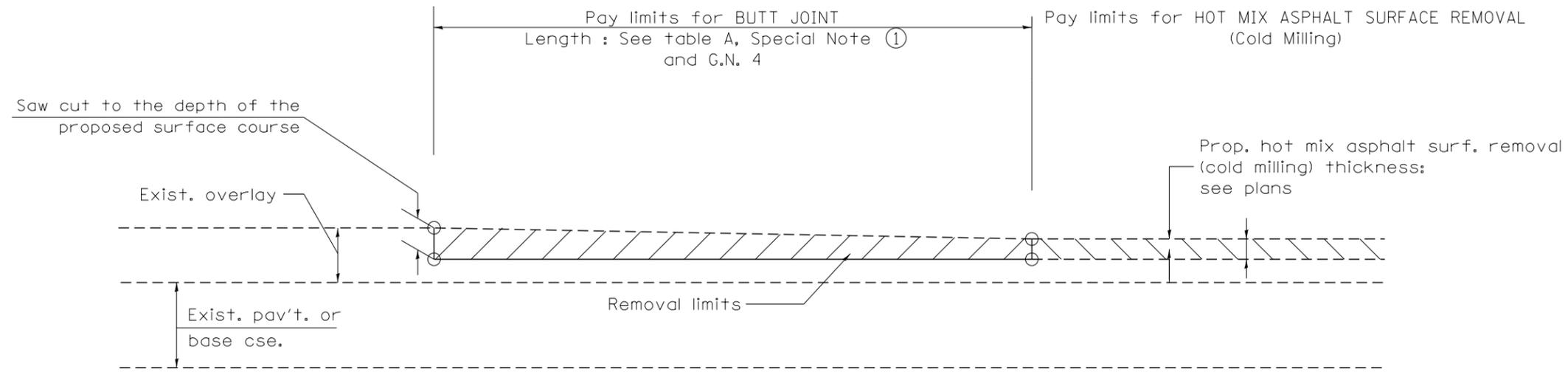
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS

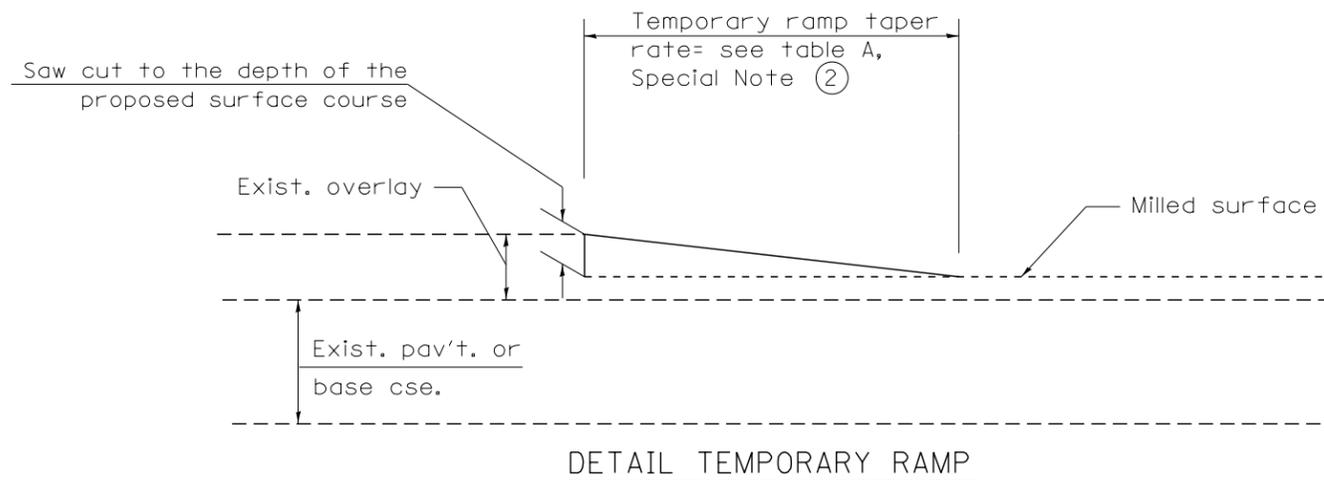
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-RS	TAZEWELL	17	13
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 89824	



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

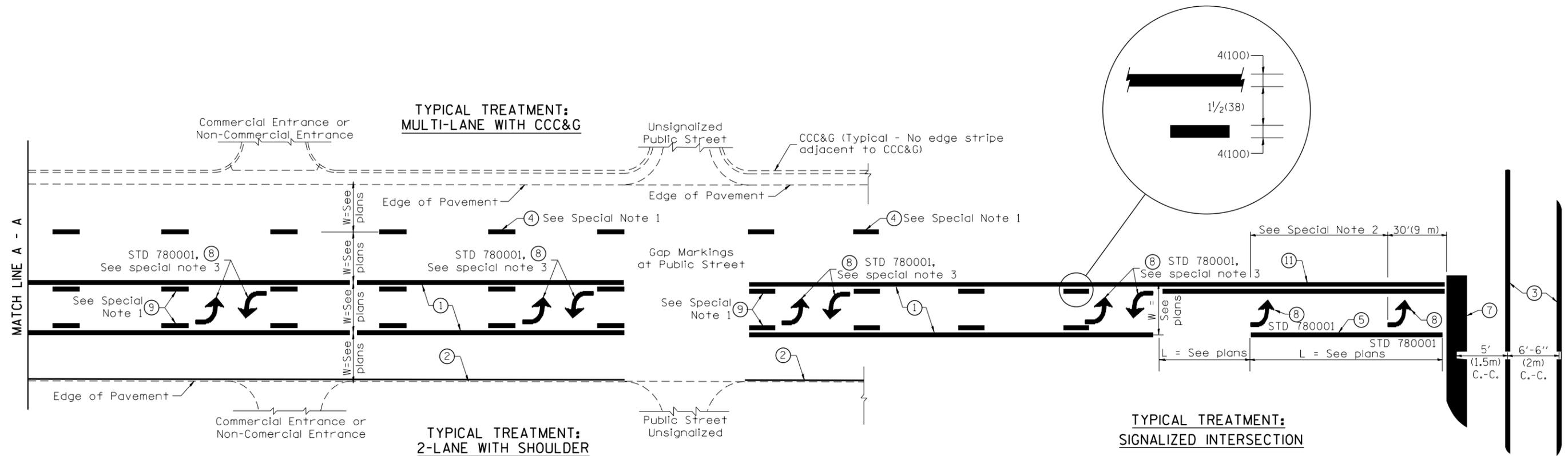


All dimensions are in inches (millimeters) unless otherwise noted.

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
6718	22-00046-00-RS	TAZEWELL	17	14					
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		CONTRACT NO. 89824				

NOT TO SCALE

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



TYPICAL PAVEMENT MARKING LEGEND

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

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

- Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
- 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' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
- 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' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

- Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
- See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
- Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
- 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)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.	07-16-19	SPELLING CORRECTIONS	R.D.
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6718	22-00046-00-RS	TAZEWELL	17	16
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 89824	

