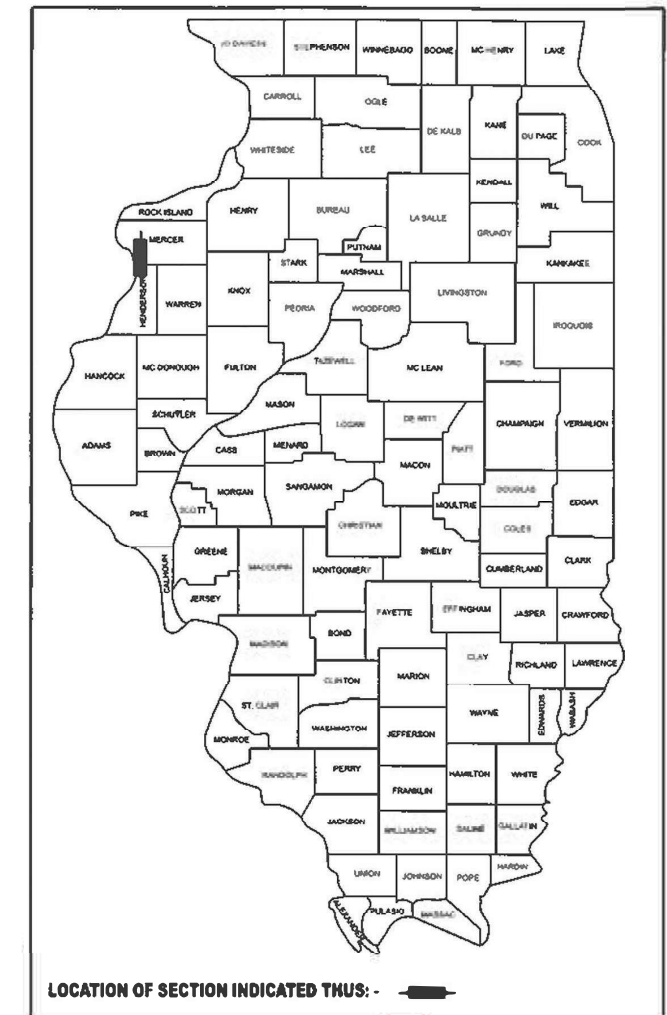


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	1
		ILLINOIS	CONTRACT NO. 68K33	

D-94-068-25



**DESCRIPTION OF WORK**  
THIS PROJECT CONSISTS OF RESURFACING KEITHSBURG RD. FROM JUST SOUTH OF IL 17 TO JUST NORTH OF MAIN ST. IN KEITHSBURG AND GUARDRAIL UPDATES NEAR BRIDGE (S.N. 066-0014)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 29 2026  
Kensel A. Garnett KSO  
REGIONAL ENGINEER

March 20 2026  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

March 20 2026  
[Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

**PROPOSED  
HIGHWAY PLANS**

FAS ROUTE 216 (KEITHSBURG RD)  
SECTION 121RS-2  
STP-CM6S(033)  
S.M.A.R.T. IMPROVEMENT  
MERCER COUNTY

C-94-083-25

PROJECT BEGINS  
RT 17  
STA. 4+40



PROJECT ENDS  
MAIN ST (KEITHSBURG)  
STA. 317+69

GROSS LENGTH = 31,329 FT. = 5.93 MILE  
NET LENGTH = 31,329 FT. = 5.93 MILE

BRIDGE OVERLAY  
STA. 298+41 TO 300+35  
S.N. 066-0014

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**HIGHWAY STANDARDS**

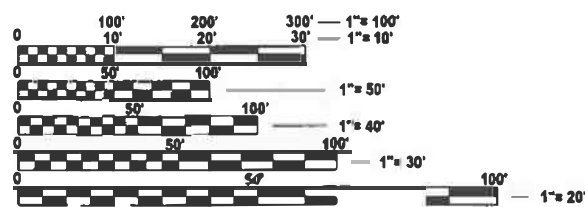
000001-09	701011-04
001006	701201-05
406201-01	701301-04
442201-04	701311-03
630001-13	701336-07
630301-09	701901-11
631011-10	725001-01
631031-18	780001-05
642011	781001-04
701001-02	782006-01
701006-05	

**DISTRICT STANDARDS**

406101
406201
440101
630101
635003
780001

FUNCTIONAL CLASSIFICATION:  
MAJOR COLLECTOR

ADT: 650  
MU: 4.46%  
SU: 4.62%  
PV: 90.92%



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

PROJECT ENGINEER: DAVID BROVIK (309) 671-3493  
PROJECT MANAGER: CHRIS EVERS (309) 671-3481  
CATALOG NO. 036672-00D  
CONTRACT NO. 68K33

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, COMMITMENTS, GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5-10 TYPICAL SECTIONS
- 11-13 SCHEDULE OF QUANTITIES
- 14 LINE DIAGRAM
- 15-17 DETAILS
- 18-27 DISTRICT STANDARDS

**COMMITMENTS**

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

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

**GENERAL NOTES**

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.

107.09B TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS

Incidental hot-mix asphalt surface shall be used for all temporary side road crossings. Aggregate surface course may be used for all driveway crossings except during winter shutdown in accordance with Article 107.09.

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 SHOULDERS, TYPE B

Aggregate Shoulder, 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.

351.00 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.

406.01 BRIDGE OVERLAY NOTIFICATION

After placement of the bridge deck overlay, the Resident Engineer shall notify the District Bridge Maintenance Engineer of the "as constructed" milling depth and overlay thickness for updating the Illinois Highway Information System.

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

406.10 HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Location(s):	Mainline	Patching	Incidental
Mixture Use(s):	Polymer Surface (1.5")	Partial Depth Patching (2")	Incidental Surface
AC/PG:	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
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 9.5	IL 9.5
Friction Aggregate:	Mixture D	N/A	Mixture D
Quality Management Program:	QCP	QCQA	QCQA
MTD:	YES	No	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 PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.  
 4) Partial depth patching shall be completed after the cold milling operation.

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 structure SN 066-0014 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.

MODEL - General Notes (Sheet)  
FILE NAME: c:\p\work\p\road\robb.christianson\illinois.gov\1136736\0468K33-sht-GenNotes.dgn

USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, COMMITMENTS, AND INDEX OF SHEETS  
FAS 216**

SCALE: SHEET OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	MERCER	27	2
CONTRACT NO. 68K33				
		ILLINOIS	FED. AID PROJECT	

MODEL: SOQ (Sheet)-1  
 FILE NAME: c:\p\work\pwr\rob\rob.christianson\illmod\p\1136736\0488K33-sh-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE	50% STATE 50% CITY	80% FED 20% STATE
				ROADWAY 0005	ROADWAY 0005	BRIDGE 0059
				RURAL	RURAL	S.N. 066-0014
** 25000750	MOWING	ACRE	36	36		
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	69608	68753	469	386
40600405	MATERIAL TRANSFER DEVICE	TON	7243	7146	53	44
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	187	187		
40600990	TEMPORARY RAMP	SQ YD	67	67		
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	7226	7129	53	44
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	165	165		
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	84914	84314	600	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	160	160		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2489	2489		
48203003	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	SQ YD	369	369		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	487.5	487.5		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE	50% STATE 50% CITY	80% FED 20% STATE
				ROADWAY 0005	ROADWAY 0005	BRIDGE 0059
				RURAL	RURAL	S.N. 066-0014
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1		
63200310	GUARDRAIL REMOVAL	FOOT	838	838		
64200214	SINUSOIDAL RUMBLE STRIPS, 14"	FOOT	28415	28415		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9399	9399		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1044	1044		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	11843	11843		
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	62840	62840		
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	12	12		

\* Specialty Items  
 \*\* State Funds only

USER NAME = robb.christianson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES FAS 216</b>			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		216	121RS-2	Mercer	27	3			
	CHECKED -	REVISED -		CONTRACT NO. 68K33							
PLOT DATE = 1/26/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

MODEL: SOQ (Sheet) - 2  
 FILE NAME: c:\p\work\pav\rob\rob.christianson@illinois.gov\1136736\1468K33-sh-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE ROADWAY	50% STATE 50% CITY ROADWAY	80% FED 20% STATE BRIDGE
				0005 RURAL	0005 RURAL	0059 S.N. 066-0014
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	11843	11843		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	62840	62840		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	12	12		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	394	394		
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	1741	1733		8
X4421000	PARTIAL DEPTH PATCHING	TON	26	26		
X4421002	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	228	228		
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	16	16		
Ø Z0076600	TRAINEES	HOUR	1,000	1,000		
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1		
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000		
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	9	9		

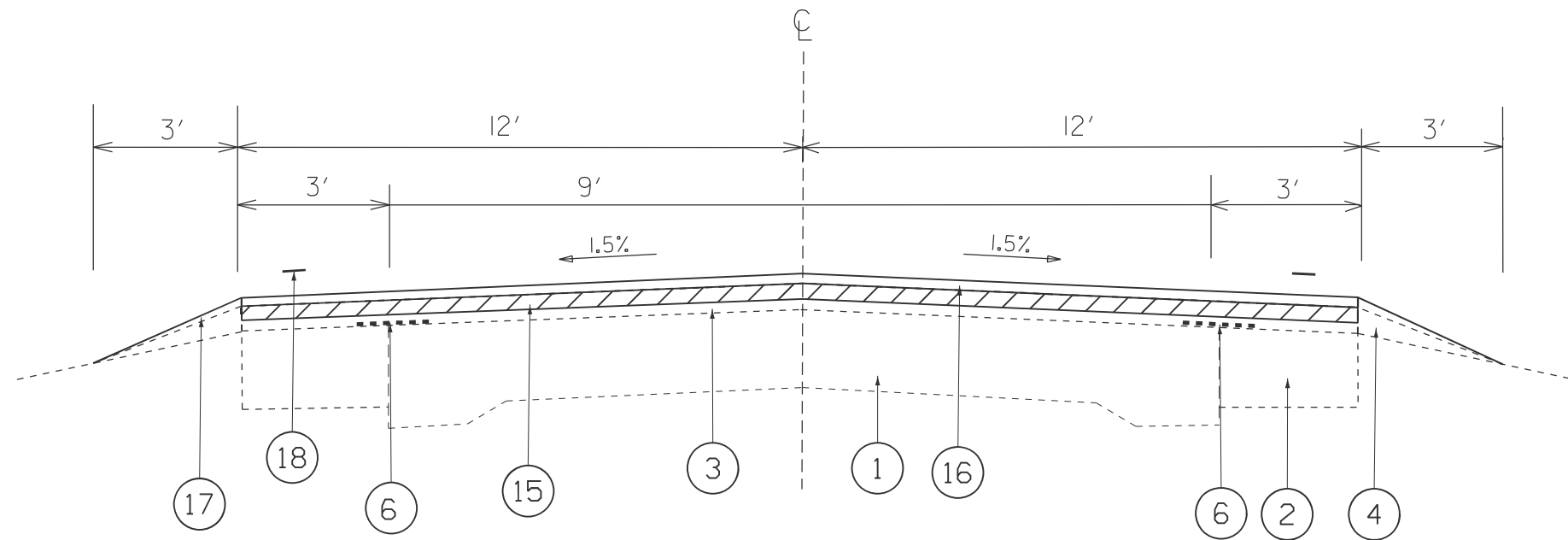
Ø 0042  
 \* Specialty Items  
 \*\* State Funds only

USER NAME = robb.christianson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES FAS 216</b>			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
	DRAWN -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	216	121RS-2	Mercer	27	4
	CHECKED -	REVISED -		CONTRACT NO. 68K33										
PLOT DATE = 1/26/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

# LEGEND

1. EXISTING 9-6-9 CONCRETE PAVEMENT
2. EXISTING BITUMINOUS BASE COURSE WIDENING
3. EXISTING BITUMINOUS OVERLAY, 3 3/4"
4. EXISTING AGGREGATE SHOULDER, TYPE B
5. EXISTING CONCRETE GUTTER, TYPE B (MODIFIED)
6. EXISTING STRIP REFLECTIVE CRACK CONTROL SYSTEM A
7. EXISTING BITUMINOUS SHOULDER (6" & VARIES)
8. EXISTING BIT. BSE. CSE. (VARIABLE DEPTH)
9. EXISTING AGGREGATE BASE
10. EXISTING PCC SIDEWALK
11. EXISTING GUARDRAIL
12. EXISTING GUARDRAIL AGG EROSION CONTROL
13. EXISTING CONCRETE DECK

15. PROPOSED HMA SURFACE REMOVAL, 1"
16. PROPOSED HMA SURFACE COURSE, 1 1/2"
17. PROPOSED AGGREGATE SHOULDER, TYPE B
18. PROPOSED PAVEMENT MARKING
19. PROPOSED GUARDRAIL AGG EROSION CONTROL



**TYPICAL #1**  
STA. 4+40 TO 283+47

NOT TO SCALE

MODEL: Typical Sections (Sheet) - 1  
FILE NAME: c:\p\work\pav\robb.christianson@illinois.gov\1136736\0468K33-sh1-typical-3.dgn

USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**  
**FAS 216**

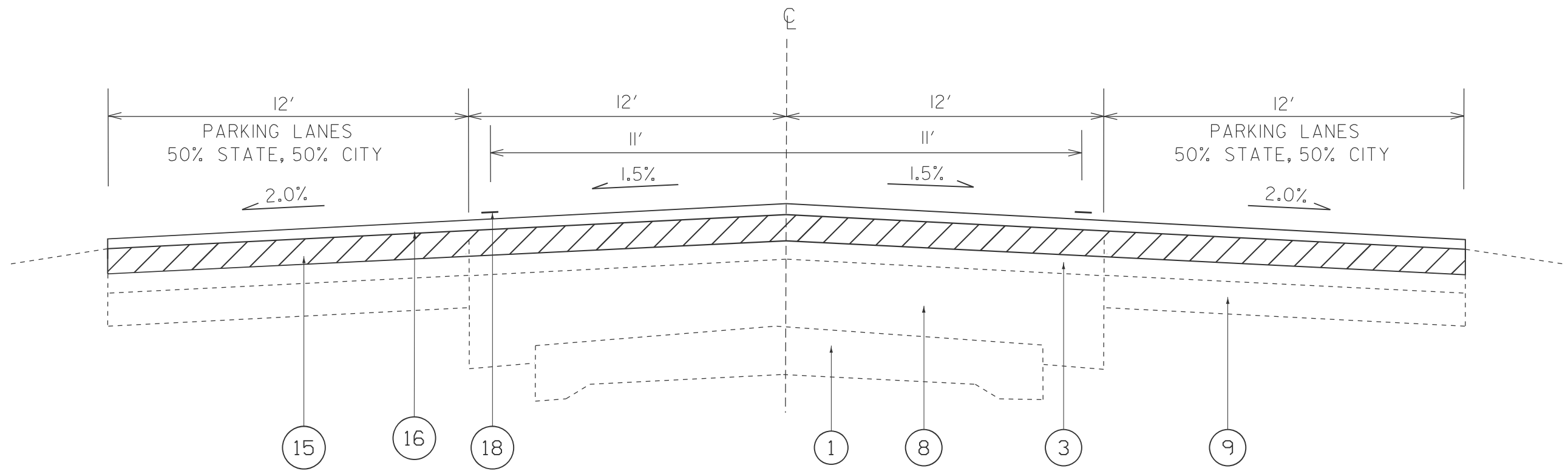
SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	5
CONTRACT NO. 68K33				
ILLINOIS FED. AID PROJECT				









### LEGEND

- 1. EXISTING 9-6-9 CONCRETE PAVEMENT
- 2. EXISTING BITUMINOUS BASE COURSE WIDENING
- 3. EXISTING BITUMINOUS OVERLAY, 3 3/4"
- 4. EXISTING AGGREGATE SHOULDER, TYPE B
- 5. EXISTING CONCRETE GUTTER, TYPE B (MODIFIED)
- 6. EXISTING STRIP REFLECTIVE CRACK CONTROL SYSTEM A
- 7. EXISTING BITUMINOUS SHOULDER (6" & VARIES)
- 8. EXISTING BIT. BSE. CSE. (VARIABLE DEPTH)
- 9. EXISTING AGGREGATE BASE
- 10. EXISTING PCC SIDEWALK
- 11. EXISTING GUARDRAIL
- 12. EXISTING GUARDRAIL AGG EROSION CONTROL
- 13. EXISTING CONCRETE DECK

### TYPICAL #7

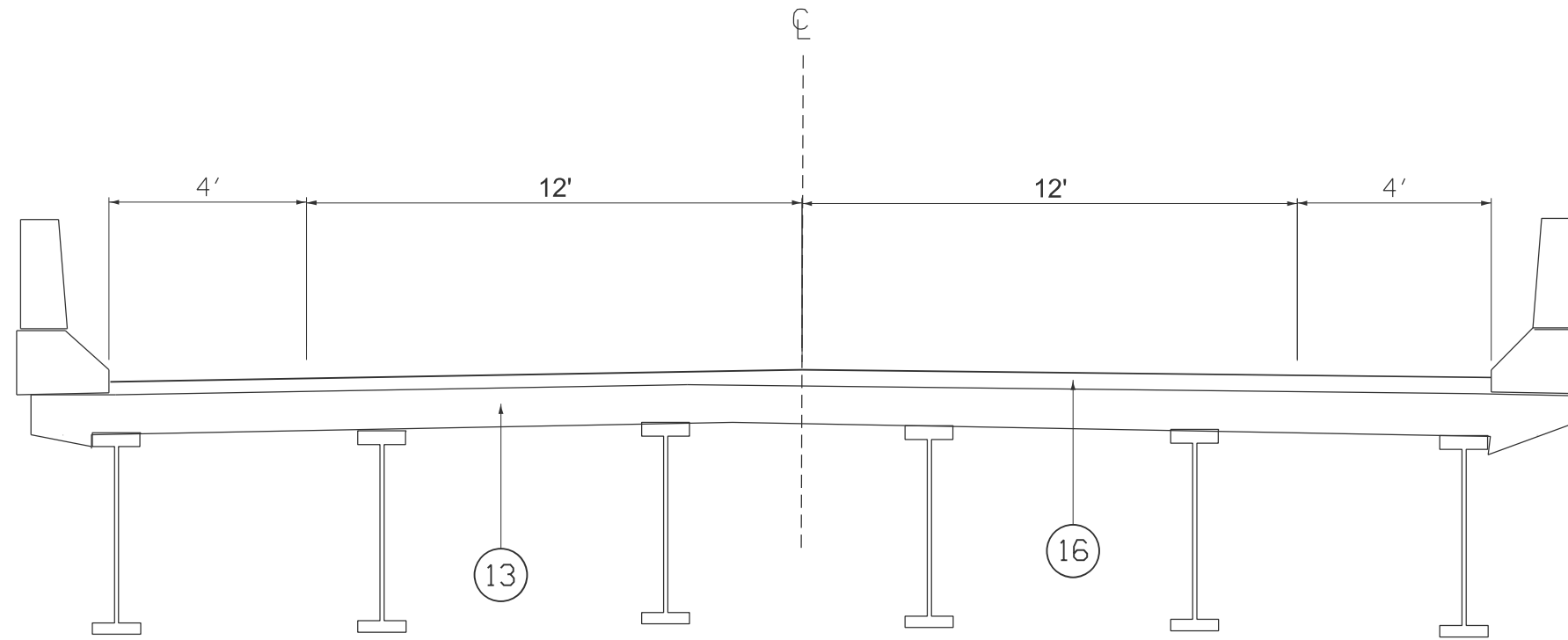
RT. STA. 315+34 to 316+88  
 LT. STA. 315+34 to 316+00  
 LT. STA. 316+75 to 317+69

- 15. PROPOSED HMA SURFACE REMOVAL, 1"
- 16. PROPOSED HMA SURFACE COURSE, 1 1/2"
- 17. PROPOSED AGGREGATE SHOULDER, TYPE B
- 18. PROPOSED PAVEMENT MARKING
- 19. PROPOSED GUARDRAIL AGG EROSION CONTROL

MODEL: Typical Sections (Sheet) - 5  
 FILE NAME: c:\p\work\pav\road\robb.christianson@illinois.gov\1136736\0468K33-sh1-typical-3.dgn

NOT TO SCALE

USER NAME = robb.christianson		DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS FAS 216</b>			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN -	REVISED -		SCALE:	SHEET 5	OF 6	SHEETS	STA.	TO STA.	216	121RS-2	Mercer	27	9
		CHECKED -	REVISED -		CONTRACT NO. 68K33										
PLOT DATE = 1/27/2026		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										



TYPICAL #8

STA. 298+65 TO 300+11

LEGEND

- 1. EXISTING 9-6-9 CONCRETE PAVEMENT
- 2. EXISTING BITUMINOUS BASE COURSE WIDENING
- 3. EXISTING BITUMINOUS OVERLAY, 3 3/4"
- 4. EXISTING AGGREGATE SHOULDER, TYPE B
- 5. EXISTING CONCRETE GUTTER, TYPE B (MODIFIED)
- 6. EXISTING STRIP REFLECTIVE CRACK CONTROL SYSTEM A
- 7. EXISTING BITUMINOUS SHOULDER (6" & VARIES)
- 8. EXISTING BIT. BSE. CSE. (VARIABLE DEPTH)
- 9. EXISTING AGGREGATE BASE
- 10. EXISTING PCC SIDEWALK
- 11. EXISTING GUARDRAIL
- 12. EXISTING GUARDRAIL AGG EROSION CONTROL
- 13. EXISTING CONCRETE DECK
- 15. PROPOSED HMA SURFACE REMOVAL, 1"
- 16. PROPOSED HMA SURFACE COURSE, 1 1/2"
- 17. PROPOSED AGGREGATE SHOULDER, TYPE B
- 18. PROPOSED PAVEMENT MARKING
- 19. PROPOSED GUARDRAIL AGG EROSION CONTROL

MODEL: Typical Sections (Sheet) - 6  
 FILE NAME: c:\p\work\project\robb.christianson@illinois.gov\1136736\0468K33-sh1-typical-3.dgn

NOT TO SCALE

USER NAME = robb.christianson		DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS FAS 216</b>			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		216	121RS-2	Mercer	27	10			
		CHECKED -	REVISED -		CONTRACT NO. 68K33							
PLOT DATE = 1/27/2026		DATE -	REVISED -		SCALE:	SHEET 6	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

RESURFACING SCHEDULE														
LOCATIONS	Length	WIDTH	AREA	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL - 1.5"	HMA SURFACE REMOVAL - 1"	HMA SURFACE REMOVAL - SPECIAL	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HMA SURFACE COURSE, MIX D, N50, 1.5"	INCIDENTAL HMA SURFACE COURSE	AGGREGATE SHOULDER, TYPE B	HMA SHOULDERS, 1.5"	MATERIAL TRANSFER DEVICE
	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	LB	TON	TON	TON	SQ YD	TON
<b>KEITHSBURG RD. MAINLINE</b>														
<b>RIGHT STATIONS</b>														
4 + 40.00 TO 4 + 50.00	10	12	13.33	13.33	4.44			0.56	11.27	1.17		0.40		1.17
4 + 50.00 TO 104 + 60.00	10010	12	13346.67				13346.67	556.11	11281.94	1167.83		404.15		1167.83
104 + 60.00 TO 121 + 40.00	1680	12	2240.00				2240.00	93.33	1893.47	196.00		67.83		196.00
121 + 40.00 TO 283 + 07.00	16167	12	21556.00				21556.00	898.17	18221.29	1886.15		652.74		1886.15
283 + 07.00 TO 283 + 47.00	40	12	53.33				53.33	2.22	45.08	4.67		1.62		4.67
283 + 47.00 TO 287 + 11.00	364	12	485.33				485.33	20.22	410.25	42.47				42.47
287 + 11.00 TO 294 + 02.00	691	11	844.56				844.56	38.39	723.52	74.17				74.17
294 + 02.00 TO 298 + 11.00	409	12	545.33				545.33	22.72	460.97	47.72		16.51		47.72
298 + 11.00 TO 298 + 36.00	25	12	33.33					1.39	26.26	2.92		1.01		2.92
BRIDGE APPR BEGINS (SN 066-0014)														
298 + 36.00 TO 300 + 40.00	204	16	362.67					11.33	279.56	23.80				23.80
BRIDGE APPR ENDS (SN 066-0014)														
300 + 40.00 TO 300 + 65.00	25	12	33.33					1.39	26.26	2.92		1.01		2.92
300 + 65.00 TO 302 + 00.00	135	12	180.00				180.00	7.50	152.15	15.75		5.45		15.75
302 + 00.00 TO 315 + 34.00	1334	12	1778.67				1778.67	74.11	1503.51	155.63		53.86		155.63
315 + 34.00 TO 316 + 88.00	154	24	410.67				410.67	8.56	321.41	35.21				35.21
316 + 88.00 TO 317 + 59.00	71	24	189.33				189.33	3.94	148.18	16.24				16.24
317 + 59.00 TO 317 + 69.00	10	24	26.67	26.67	8.89			0.56	20.87	2.29				2.29
<b>LEFT STATIONS</b>														
4 + 40.00 TO 4 + 50.00	10	12	13.33	13.33	4.44				10.37	1.12		0.40		1.12
4 + 50.00 TO 104 + 60.00	10010	12	13346.67				13346.67		10377.03	1121.12		404.15		1121.12
104 + 60.00 TO 121 + 40.00	1680	12	2240.00				2240.00		1741.60	188.16		67.83		188.16
121 + 40.00 TO 283 + 07.00	16167	12	21556.00				21556.00		16759.79	1810.70		652.74		1810.70
283 + 07.00 TO 283 + 47.00	40	12	53.33				53.33		41.47	4.48		1.62		4.48
283 + 47.00 TO 288 + 00.00	453	12	604.00				604.00		469.61	50.74				50.74
288 + 00.00 TO 294 + 02.00	602	11	735.78				735.78		575.91	61.81		24.31		61.81
294 + 02.00 TO 298 + 11.00	409	12	545.33				545.33		424.00	45.81		16.51		45.81
298 + 11.00 TO 298 + 36.00	25	12	33.33						24.00	2.80		1.01		2.80
BRIDGE APPR BEGINS (SN 066-0014)														
298 + 36.00 TO 300 + 40.00	204	16	362.67						261.12	30.46				30.46
BRIDGE APPR ENDS (SN 066-0014)														
300 + 40.00 TO 300 + 65.00	25	12	33.33						24.00	2.80		1.01		2.80
300 + 65.00 TO 302 + 00.00	135	12	180.00				180.00		139.95	15.12		5.45		15.12
302 + 00.00 TO 315 + 34.00	1334	12	1778.67				1778.67		1382.91	149.41		53.86		149.41
315 + 34.00 TO 316 + 00.00	66	24	176.00				176.00		131.78	14.78				14.78
316 + 00.00 TO 316 + 75.00	75	24	200.00				200.00		149.75	16.80				16.80
316 + 75.00 TO 317 + 59.00	84	24	224.00				224.00		167.72	18.82				18.82
317 + 59.00 TO 317 + 69.00	10	24	26.67	26.67	8.89				19.97	2.24				2.24
<b>BRIDGE CONNECTOR**</b>														
298 + 11.00 TO 298 + 41.00	30	24	80.00				80.00		59.90	6.72				
300 + 35.00 TO 300 + 65.00	30	24	80.00				80.00		59.90	6.72				
<b>SIDEROADS</b>														
<b>ENTRANCES</b>														
				106.67	40.00		1275.07		994.85		116.07	55.60		
<b>MAILBOX TURNOUTS</b>														
			369.00				369.00		0.80		49.00			
<b>TOTAL</b>				187	67	160	84914	1741	69608	7226	165	2489	369	7243

\*HMA REMOVAL IS VARIABLE DEPTH BUT PAID AS 1"  
 \*\*PROPOSED HMA SURFACE REMOVAL 1.5" AND REPLACEMENT WITH HMA SURFACE 1.5" ADJACENT TO BRIDGE SHALL BE DONE PRIOR TO MAINLINE WORK.  
 SEE SHEET 17 FOR DETIAL.

TRAFFIC CONTROL AND PROTECTION	
STANDARD	L SUM
701201	1
701336	1

CONSTRUCTION STATION LAYOUT	
L SUM	
1	

MOBILIZATION	
L SUM	
1	

MOWING	
ACRE	
36.00	

CHANGEABLE MESSAGE SIGN	
CAL DA	
14	

ENGINEER'S FIELD OFFICE, TYPE A	
CAL MONTH	
4	

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

Aggregate Material Conversion rate	
All Coarse Aggregate	2.05 Ton/CU YD 112 lb/SQ YD IN
All Fine Aggregate	1.5 TON/CU YD

MODEL - Schedule (Sheet) - 1  
 FILE NAME: c:\pwworking\robbs.christianson\illinois\proj\1136736\0468K33-sht-schedule.dgn

USER NAME = robbs.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/26/2026	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
 FAS 216

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	11
CONTRACT NO. 68K33				
ILLINOIS FED. AID PROJECT				

SIDEROAD RESURFACING SCHEDULE										
LOCATIONS	SIDE	WIDTH	LENGTH	AREA	HMA SURFACE REMOVAL 1"	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACE COURSE	AGGREGATE SHOULDER, TYPE B
		FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	LB	TON	TON
<b>KEITHSBURG RD. SIDEROADS</b>										
<b>65TH AVE.</b>										
STA. 82 + 25	BOTH	20	30	219.18	219.18			157.81	18.41	10.10
<b>60TH AVE.</b>										
STA. 109 + 08	BOTH	24	30	245.84	245.84			177.01	20.65	10.10
<b>75TH AVE.</b>										
STA. 127 + 38	WEST	16	30	96.26	96.26			69.30	8.09	5.06
<b>50TH AVE. EAST</b>										
STA. 163 + 28	EAST	24	30	122.92	96.26	26.67	13.33	88.50	10.33	5.06
<b>50TH AVE. WEST</b>										
STA. 163 + 28	WEST	24	30	122.92	122.92			88.50	10.33	5.06
<b>45TH AVE.</b>										
STA. 188 + 62	BOTH	18	30	205.84	205.84			148.21	17.29	10.10
<b>40TH AVE.</b>										
STA. 214 + 44	EAST	24	30	122.92	96.26	26.67	13.33	88.50	10.33	5.06
<b>JACKSON STREET</b>										
STA. 214 + 44	EAST	24	30	245.84	192.51	53.33	13.33	177.01	20.65	5.06
<b>TOTAL</b>					1275.07	106.67	40.00	994.85	116.07	55.60

PARTIAL DEPTH PATCHING				
LOCATION			PARTIAL DEPTH PATCHING (SPECIAL)	PARTIAL DEPTH PATCHING
ROAD	LENGTH	WIDTH	SQ. YD.	TON
<b>NB</b>				
MAIN TO 40TH	5	12	6.7	0.7
	5	12	6.7	0.7
	4	12	5.3	0.6
40TH TO 45TH	4	12	5.3	0.6
	4	12	5.3	0.6
45TH TO 60TH	5	12	6.7	0.7
	4	12	5.3	0.6
60TH TO 75TH	15	12	20.0	2.2
	4	12	5.3	0.6
	5	12	6.7	0.7
75TH TO IL 17	15	12	20.0	2.2
	5	12	6.7	0.7
	4	12	5.3	0.6
<b>SB</b>				
MAIN TO 40TH	4	12	5.3	0.6
	4	12	5.3	0.6
	4	12	5.3	0.6
40TH TO 45TH	4	12	5.3	0.6
	5	12	6.7	0.7
45TH TO 60TH	4	12	5.3	0.6
	4	12	5.3	0.6
60TH TO 75TH	15	12	20.0	2.2
	4	12	5.3	0.6
	5	12	6.7	0.7
75TH TO IL 17	15	12	20.0	2.2
	4	12	5.3	0.6
	4	12	5.3	0.6
<b>TOTAL</b>			<b>228.4</b>	<b>25.6</b>
NOTE: 2" PARTIAL DEPTH PATCHING SHALL BE COMPLETED AFTER MILLING SEE SPECIAL PROMSIONS				

LOCATIONS		MODIFIED URETHANE PAVEMENT MARKING (FT)				GROOVING FOR RECESSED PAVEMENT MARKING (FT)				
		6"	4"	24"	5"	7"	25"			
STATION	TO	STATION	LENGTH (FT)	SOLID W	SOLID Y	SK. D. Y	SOLID W			
<b>KEITHSBURG RD.</b>										
STA. 4 + 40	TO	104 + 60	10020	20040.00		2505.00		2505.00	20040.00	
STA. 104 + 60	TO	108 + 85	425	850.00	425.00	106.25		531.25	850.00	
STA. 108 + 85	TO	113 + 95	510	1020.00	1020.00			1020.00	1020.00	
STA. 113 + 95	TO	121 + 40	745	1490.00	745.00	186.25		931.25	1490.00	
STA. 121 + 40	TO	122 + 95	155	310.00	155.00	38.75		193.75	310.00	
STA. 122 + 95	TO	274 + 00	15105	30210.00		3776.25		3776.25	30210.00	
STA. 274 + 00	TO	282 + 20	820	1640.00	820.00	205.00		1025.00	1640.00	
STA. 282 + 20	TO	283 + 07	87	174.00		21.75		21.75	174.00	
STA. 283 + 07	TO	283 + 67	60	120.00		15.00		15.00	120.00	
STA. 283 + 67	TO	293 + 40	973	1946.00	973.00	243.25		1216.25	1946.00	
STA. 293 + 40	TO	298 + 71	531	1062.00		132.75		132.75	1062.00	
<b>BRIDGE BEGINS</b>										
STA. 298 + 71	TO	300 + 05	134	268.00		33.50		33.50	268.00	
<b>BRIDGE ENDS</b>										
STA. 300 + 05	TO	315 + 35	1530	3060.00		382.50		382.50	3060.00	
STA. 315 + 35	TO	317 + 69	234	468.00		58.50		58.50	468.00	
<b>SIDEROADS</b>				182.14			12.00		182.14	12.00
<b>TOTAL</b>					62840	11843	12	11843	62840	12

RAISED REFLECTIVE PAVEMENT MARKERS	
LOCATION	EACH
STA. 4+40 TO STA.317+69	394.0
<b>TOTAL</b>	<b>394.0</b>

MODEL: Schedule (Sheet) - 2  
 FILE NAME: c:\pwworking\robbschriano\illinois\proj\1136736\0468K33-sh-schedule.dgn

USER NAME = robbschriano	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**  
**FAS 216**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	12
CONTRACT NO. 68K33				
ILLINOIS FED. AID PROJECT				

**GUARDRAIL SCHEDULE**

LOCATION	SIDE	LENGTH	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TERMINAL MARKER - DIRECT APPLIED	LINEAR DELINEATOR PANELS, 4 INCH	GUARDRAIL AGGREGATE EROSION CONTROL	
											LT/RT
<b>KEITHSBURG Rd.</b>											
Sta. 296 + 15.00 TO 296 + 65.00	RT	50.00	250	1		162.50		1	4	0.47	
Sta. 296 + 65.00 TO 298 + 27.50	RT	162.50									1.54
Sta. 298 + 27.50 TO 298 + 65.00	RT	37.50					1			0.36	
<b>BRIDGE, S.N. 066-0014</b>											
Sta. 300 + 11.00 TO 300 + 48.50	RT	37.50	150			62.50	1		4	0.36	
Sta. 300 + 48.50 TO 301 + 11.00	RT	62.50								0.59	
Sta. 301 + 11.00 TO 301 + 61.00	RT	50.00		1			1	1.58			
Sta. 296 + 77.50 TO 297 + 27.50	LT	50.00	187.5	1		100.00		1	4	0.47	
Sta. 297 + 27.50 TO 298 + 27.50	LT	100.00								0.95	
Sta. 298 + 27.50 TO 298 + 65.00	LT	37.50					1	0.36			
<b>BRIDGE, S.N. 066-0014</b>											
Sta. 300 + 11.00 TO 300 + 48.50	LT	37.50	250			162.50	1		4	0.36	
Sta. 300 + 48.50 TO 302 + 11.00	LT	162.50								1.54	
Sta. 302 + 11.00 TO 302 + 61.00	LT	50.00		1			1	0.47			
<b>TOTAL</b>		837.50	838	3	1	487.5	4	4	16	9	

LOCATIONS	LENGTH	SINUSOIDAL RUMBLE STRIPS - 14"
STA. 4 + 40 TO 80 + 25 65TH AVE.	7585	7585
STA. 84 + 25 TO 107 + 18 60TH AVE.	2293	2293
STA. 109 + 18 TO 125 + 38 75TH AVE.	1620	1620
STA. 129 + 38 TO 161 + 28 50TH AVE.	3190	3190
STA. 165 + 28 TO 186 + 62 45TH AVE.	2134	2134
STA. 190 + 62 TO 212 + 44 40TH AVE.	2182	2182
STA. 216 + 44 TO 298 + 16 BRIDGE OMISSION	8172	8172
STA. 300 + 60 TO 312 + 99 JACKSON ST. MAIN ST.	1239	1239
<b>GRAND TOTAL</b>		28415

LOCATIONS	LENGTH	SHORT TERM PAVEMENT MARKING (FT) x 3 APPS	SHORT TERM PAVT MARKING REMOVAL (SQ FT)
<b>KEITHSBURG RD.</b>			
STA. 4 + 40 TO 104 + 60	10020	3006.00	334.00
STA. 104 + 60 TO 108 + 85	425	127.50	14.17
STA. 108 + 85 TO 113 + 95	510	153.00	17.00
STA. 113 + 95 TO 121 + 40	745	223.50	24.83
STA. 121 + 40 TO 122 + 95	155	46.50	5.17
STA. 122 + 95 TO 274 + 00	15105	4531.50	503.50
STA. 274 + 00 TO 282 + 20	820	246.00	27.33
STA. 282 + 20 TO 283 + 07	87	26.10	2.90
STA. 283 + 07 TO 283 + 67	60	18.00	2.00
STA. 283 + 67 TO 293 + 40	973	291.90	32.43
STA. 293 + 40 TO 298 + 71	531	159.30	17.70
BRIDGE BEGINS			
STA. 298 + 71 TO 300 + 05	134	40.20	4.47
BRIDGE ENDS			
STA. 300 + 05 TO 315 + 35	1530	459.00	51.00
STA. 315 + 35 TO 317 + 69	234	70.20	7.80
<b>TOTAL</b>		9399	1044

MODEL: Schedule (Sheet) - 3  
FILE NAME: c:\p\work\pavtd\robb.christianson\illinois.gov\1136736\0468833-sh-schedule.dgn

USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
FAS 216**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	13
CONTRACT NO. 68K33				
ILLINOIS FED. AID PROJECT				

MODEL: LINE DIAGRAM (Sheet)  
 FILE NAME: c:\p\work\pav\121136736\468K33-sh-11B.dgn

IL 17 CL IL 17 & KEITHSBURG ROAD

STA. 2+97

MATCH LINE

50 AVE.

STA. 163+28

45 AVE.

STA. 188+62

40 AVE.

STA. 214+44

65 AVE.

STA. 82+25

60 AVE.

STA. 109+18

75 AVE.

STA. 127+38

50 AVE.

STA. 163+28

MATCH LINE

IMPROVEMENT BEGINS

STA. 4+40

KEITHSBURG ROAD

BRIDGE OVERLAY

STA. 298+65 TO 300+11

S.N. 066-0014

JACKSON STREET

STA. 314+99

IMPROVEMENT ENDS

STA. 317+69

MAIN STREET



POPE CREEK

PARKING LANES  
 JACKSON ST TO JOB LIMIT  
 BOTH SIDES

NOT TO SCALE

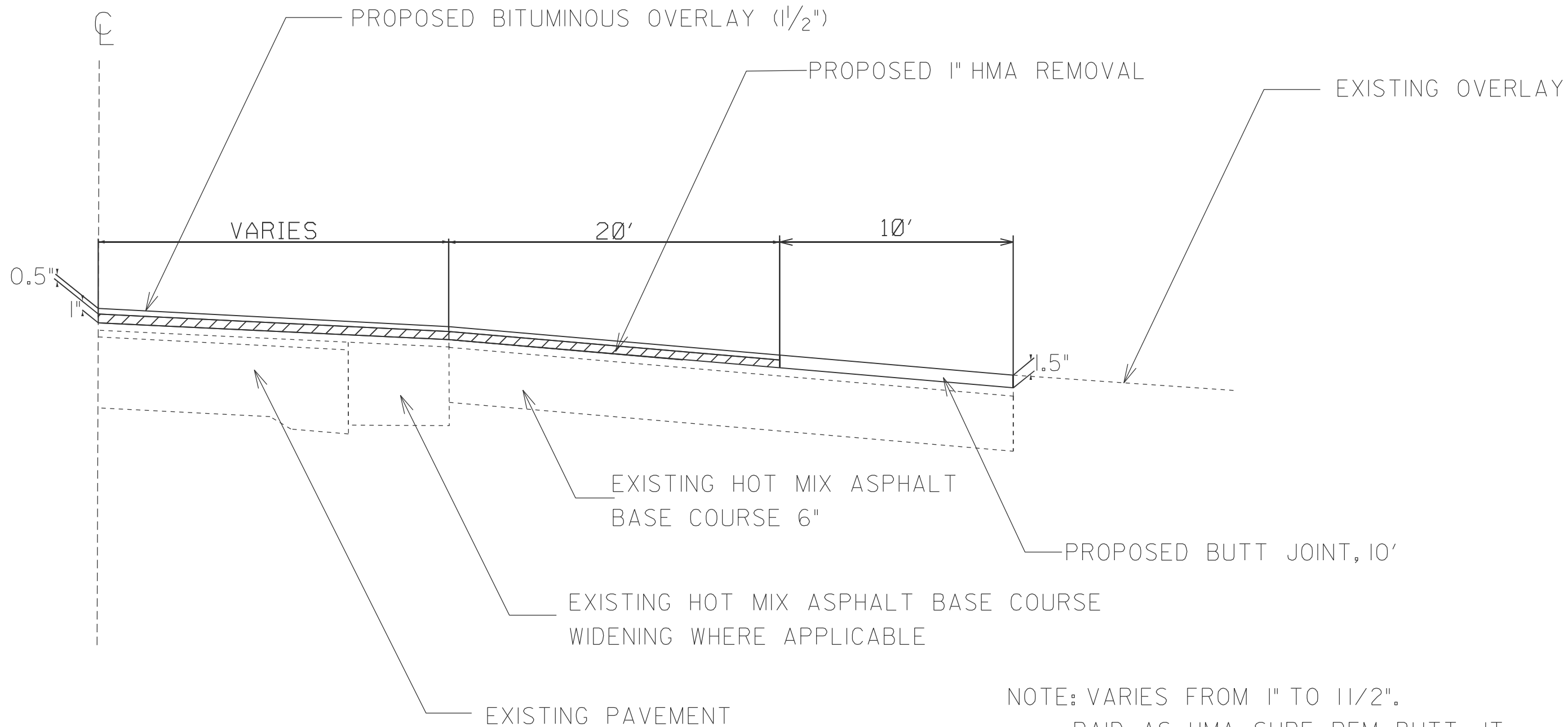
USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM  
 FAS 216

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	14
CONTRACT NO. 68K33				
ILLINOIS FED. AID PROJECT				



NOTE: VARIES FROM 1" TO 1 1/2".  
PAID AS HMA SURF. REM. BUTT JT.

MODEL: Detail (Sheet) - 1  
 FILE NAME: c:\p\work\pav\robb.christianson@illinois.gov\1136736\0468K33-sht-Details.dgn

USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2026	DATE -	REVISED -

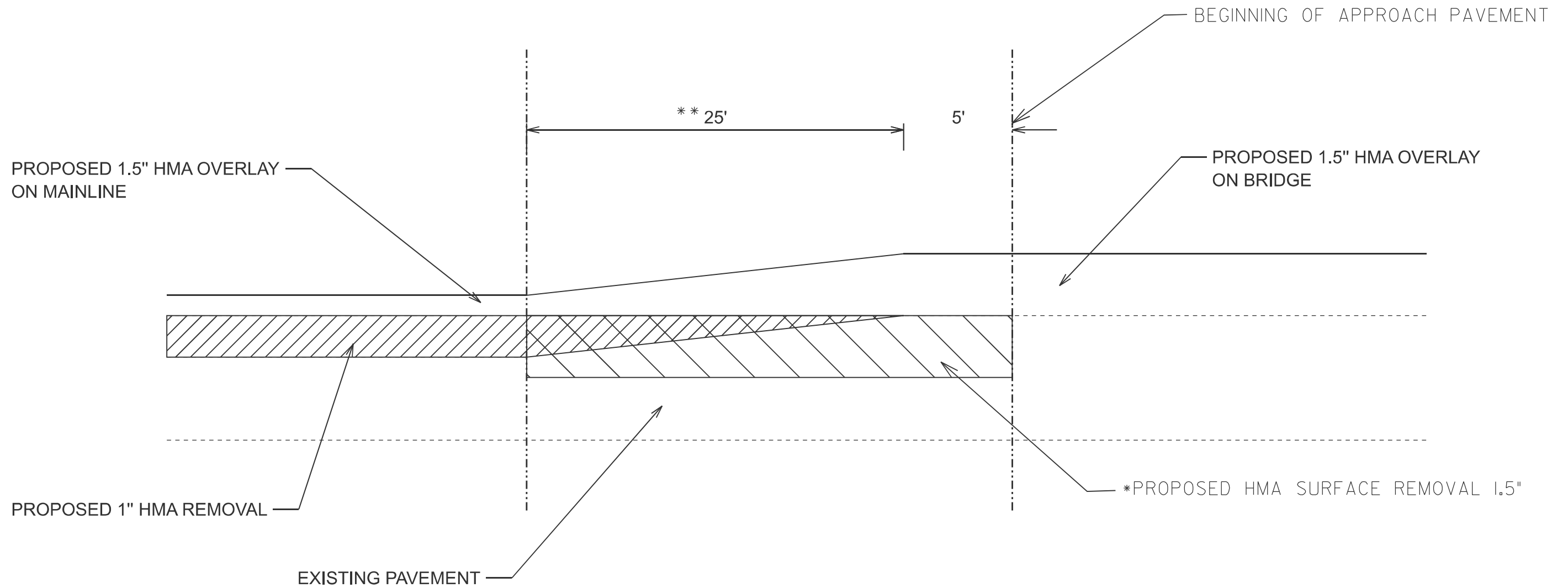
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT BITUMINOUS SIDEROAD DETAIL**  
**FAS 216**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	15
CONTRACT NO. 68K33				
ILLINOIS FED. AID PROJECT				

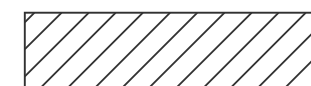




NOTE: \*PROPOSED HMA SURFACE REMOVAL 1.5" AND REPLACEMENT WITH HMA SURFACE 1.5" ADJACENT TO BRIDGE SHALL BE DONE PRIOR TO MAINLINE WORK  
 \*\* VARIABLE DEPTH MILLING AREA TO BE PAID AS HMA SURFACE REMOVAL 1"



HMA SURFACE REMOVAL 1.5"



HMA SURFACE REMOVAL 1"

MODEL: Detail (Sheet) - 3  
 FILE NAME: c:\p\work\pav\rob\christianson\illinois.gov\1136736\68K33-sh-Details.dgn

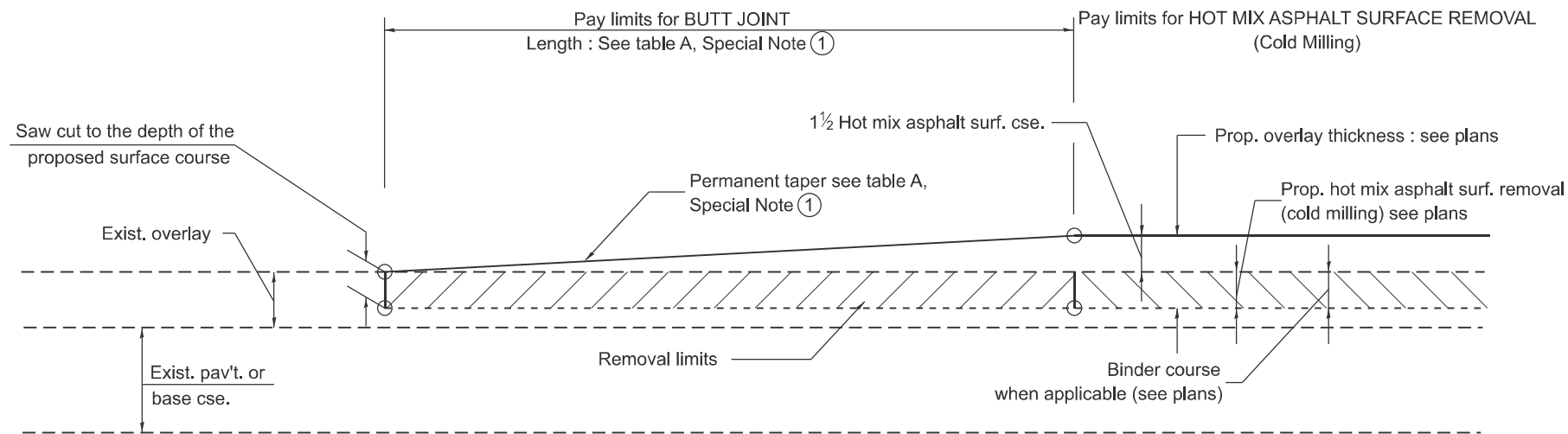
USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE MAINLINE CONNECTION DETAIL  
 FAS 216**

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

F.A.S RTE. 216	SECTION 121RS-2	COUNTY Mercer	TOTAL SHEETS 27	SHEET NO. 17
CONTRACT NO. 68K33			ILLINOIS FED. AID PROJECT	



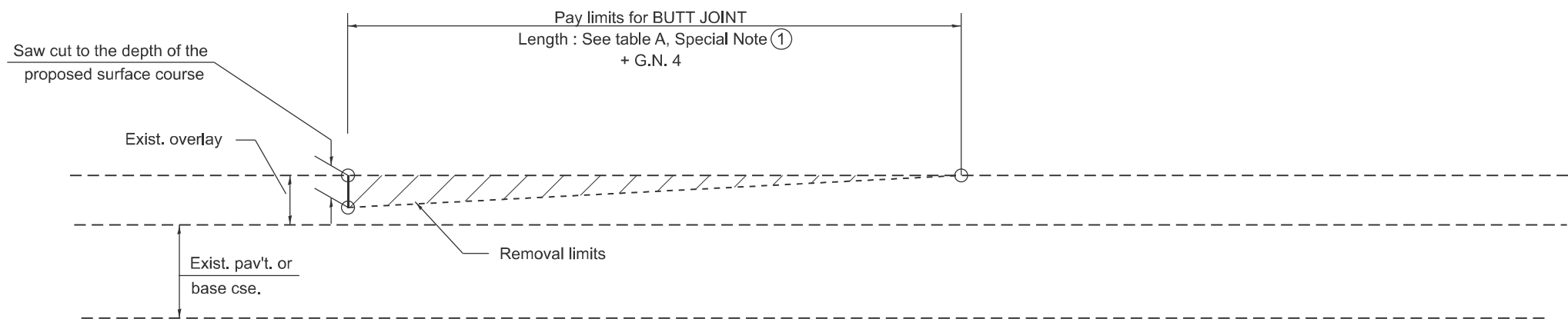
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**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: D4-406101-01  
FILE NAME: c:\p\work\pav\rob\christianson\illmod6.gov\1168538\04-406101.dgn

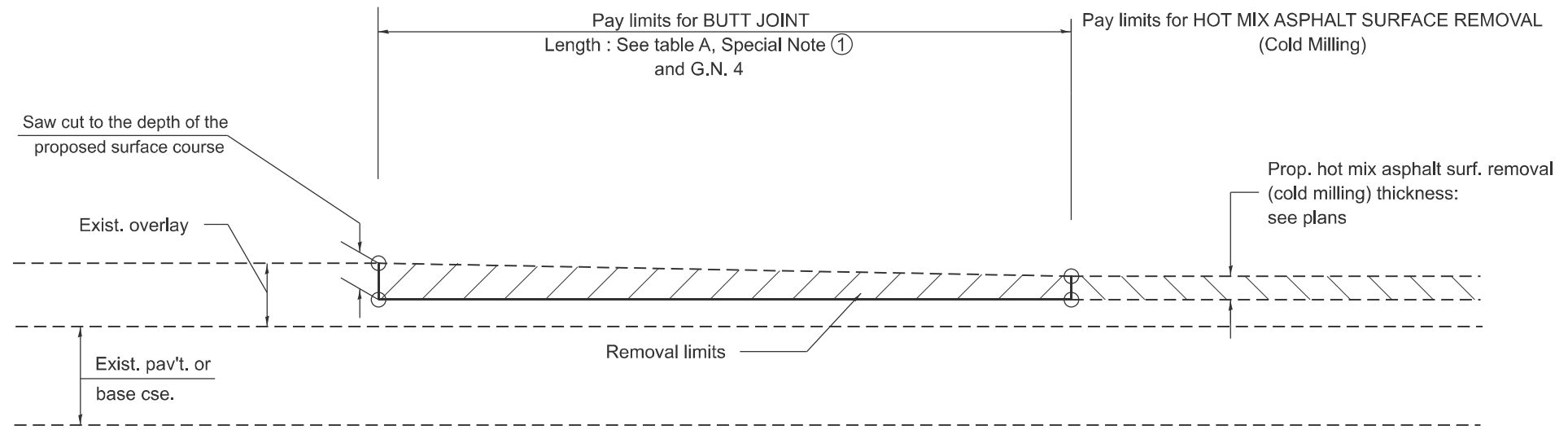
USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

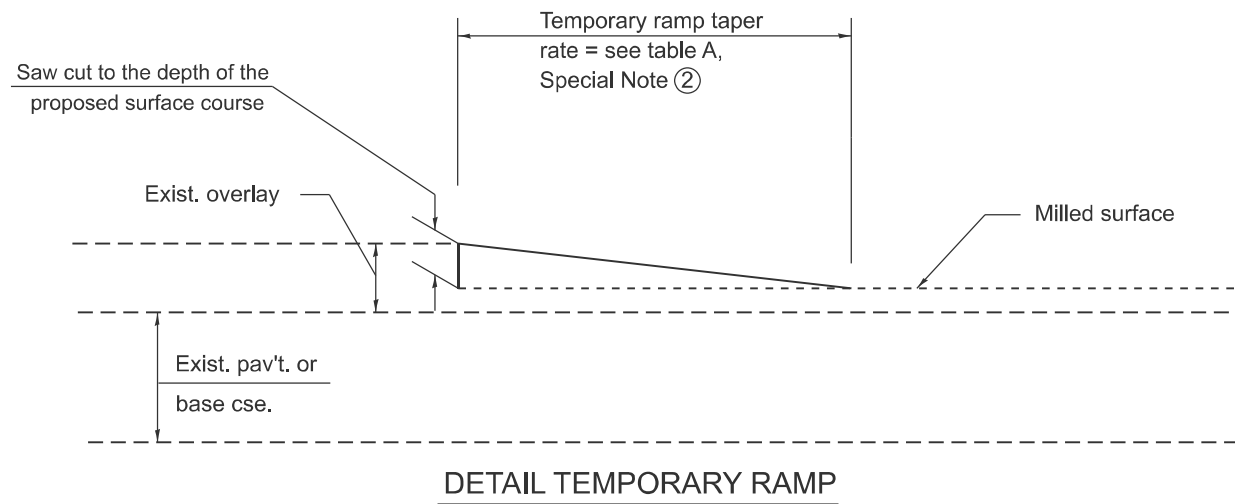
**BUTT JOINTS**

SCALE: NOT TO SCALE SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	18
DISTRICT 4 STANDARD NO. 406101		CONTRACT NO. 68K33		
ILLINOIS FED. AID PROJECT				



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



All dimensions are in inches unless otherwise noted.

MODEL: D4-406101-02  
FILE NAME: c:\p\work\pav\robb.christianson@illinois.gov\d1168538\D4-406101.dgn

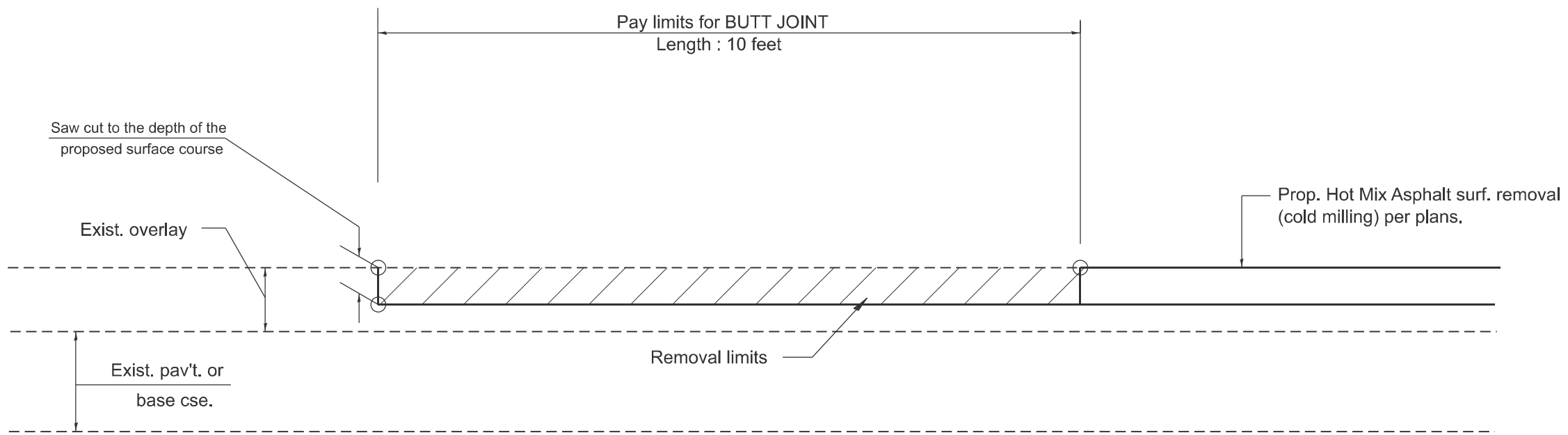
USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINTS**

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	19
DISTRICT 4 STANDARD NO. 406101			CONTRACT NO. 68K33	
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: D4-406101-03  
 FILE NAME: c:\p\work\pav\road\robb.christianson@illinois.gov\1168538\04-406101.dgn

All dimensions are in inches unless otherwise noted.

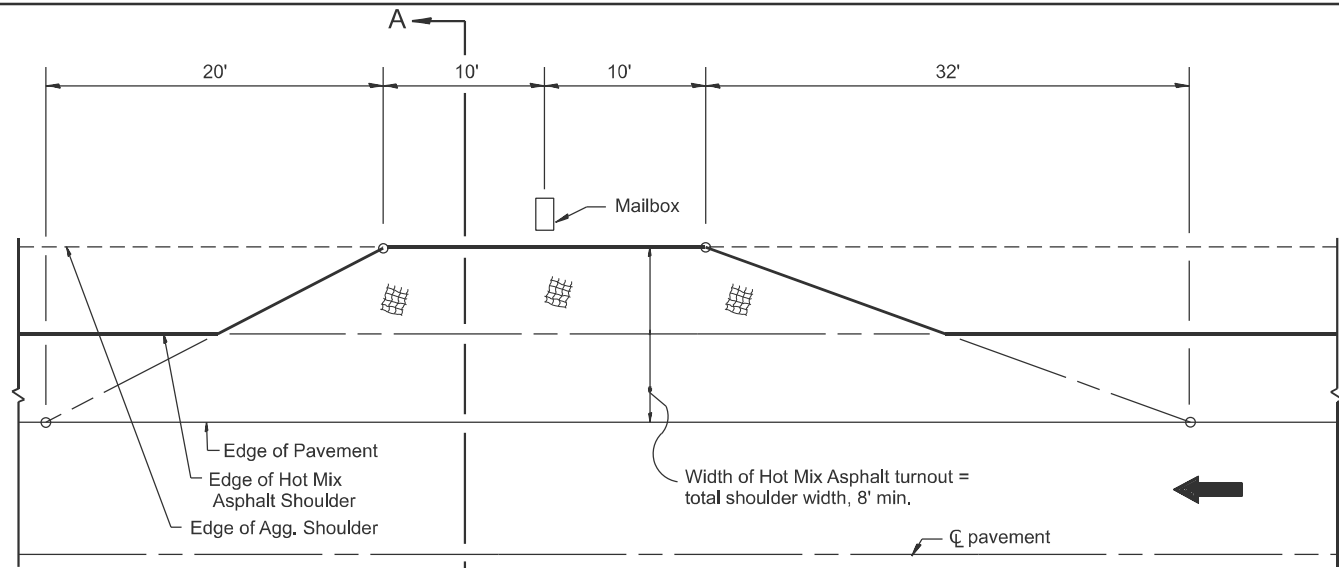
USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

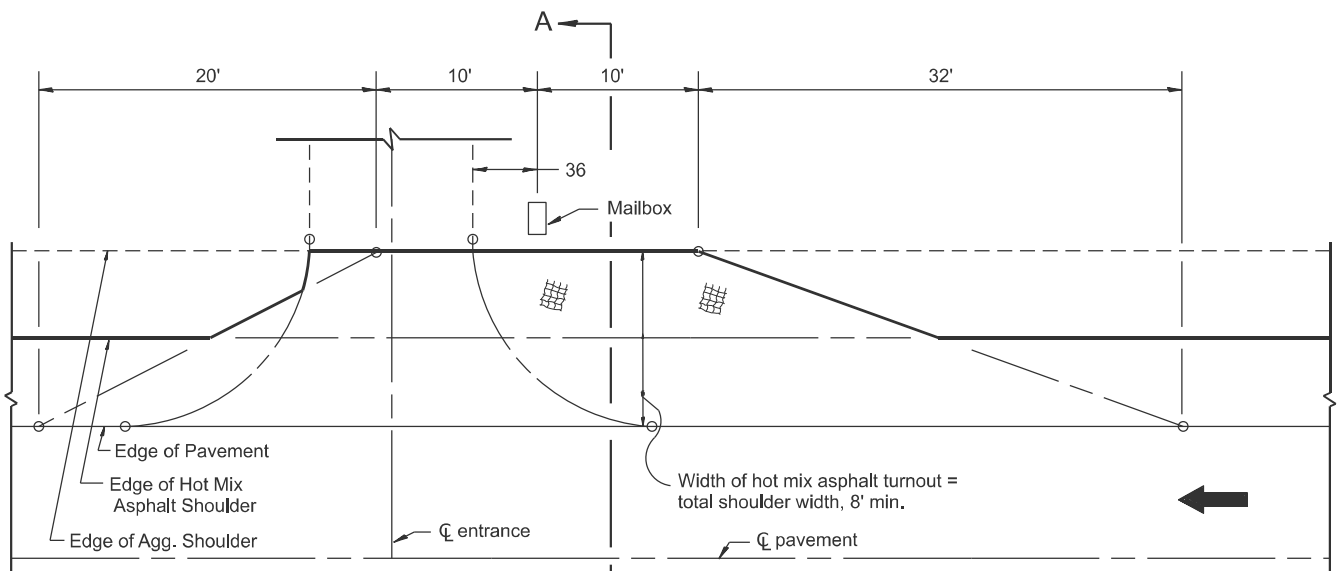
**BUTT JOINTS**

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

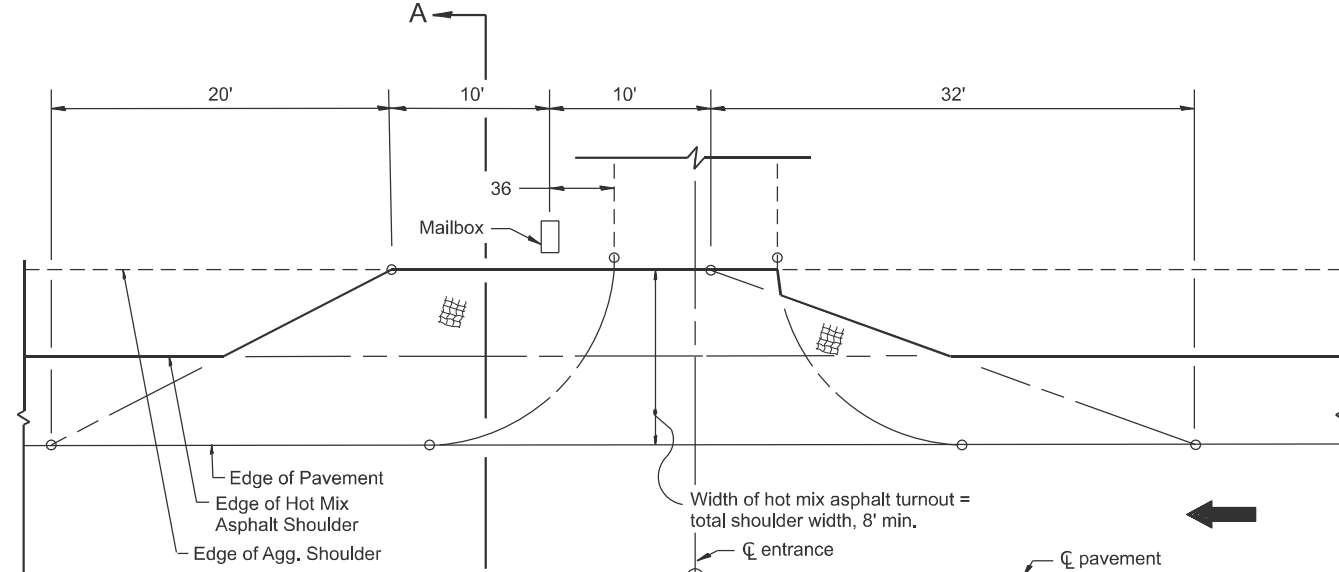
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	20
DISTRICT 4 STANDARD NO. 406101		CONTRACT NO. 68K33		
ILLINOIS FED. AID PROJECT				



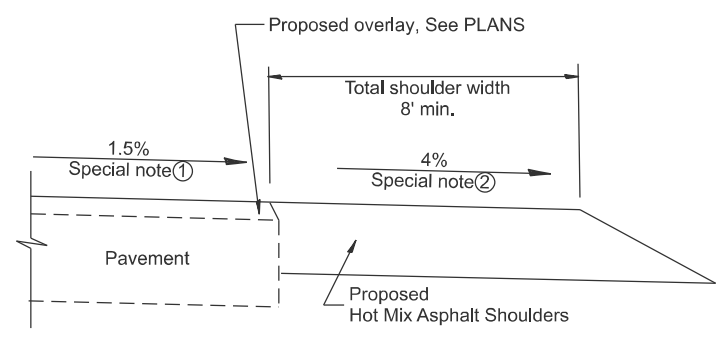
**METHOD "T"**  
Typical Application



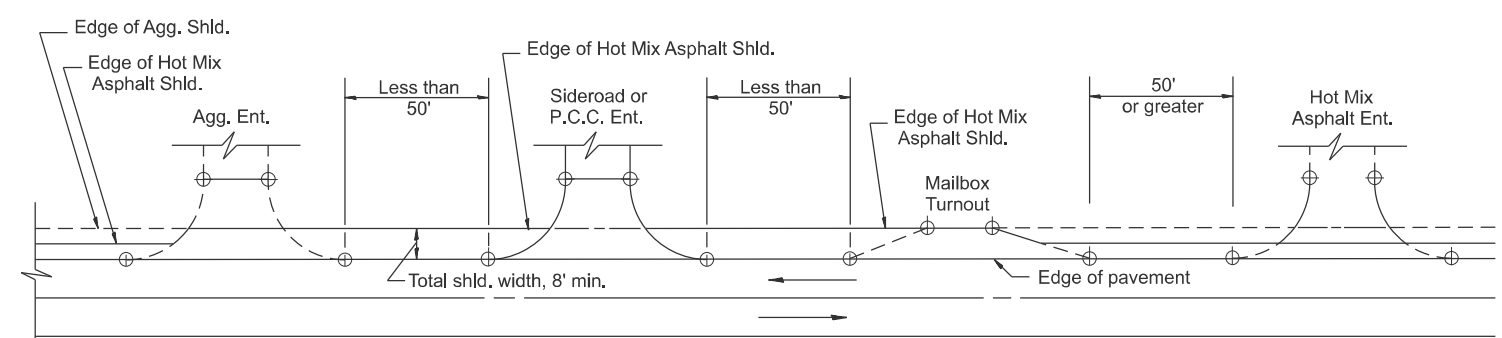
**METHOD "N"**  
Mailbox on near side of entrance



**METHOD "F"**  
Mailbox on far side of entrance



**SECTION A-A**



**DETAIL A**

SHOULDER TREATMENT FOR CLOSELY SPACED SIDEROADS, ENTRANCES, AND/OR MAILBOX TURNOUTS

**GENERAL NOTES**

1. Mailbox turnouts shall slope away from the pavement edge at a rate equal to the shoulder slope. See SECTION A-A.
2. The total shoulder width, 8' minimum, shall be paved between sideroads entrances and/or mailbox turnouts at locations where the distance between radius or taper control points is less than 50'. See DETAIL A.
3. Mailboxes shall be mounted such that the face of the mailbox is 6 to 12 and the post a minimum of 24 from the edge of the turnout surfacing.

**SPECIAL NOTES**

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.
- ② The shoulder slope shall control the turnout slope. The standard cross-slope is 4% for tangent alignment. Through superelevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6' and wider and 12% for shoulders 4' and less. Where 12 paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All dimensions are in inches unless otherwise noted.

MODEL: D4-406201  
FILE NAME: c:\p\work\pwr\rob\robb.christianson@illinois.gov\d1168538\04-406201.dgn

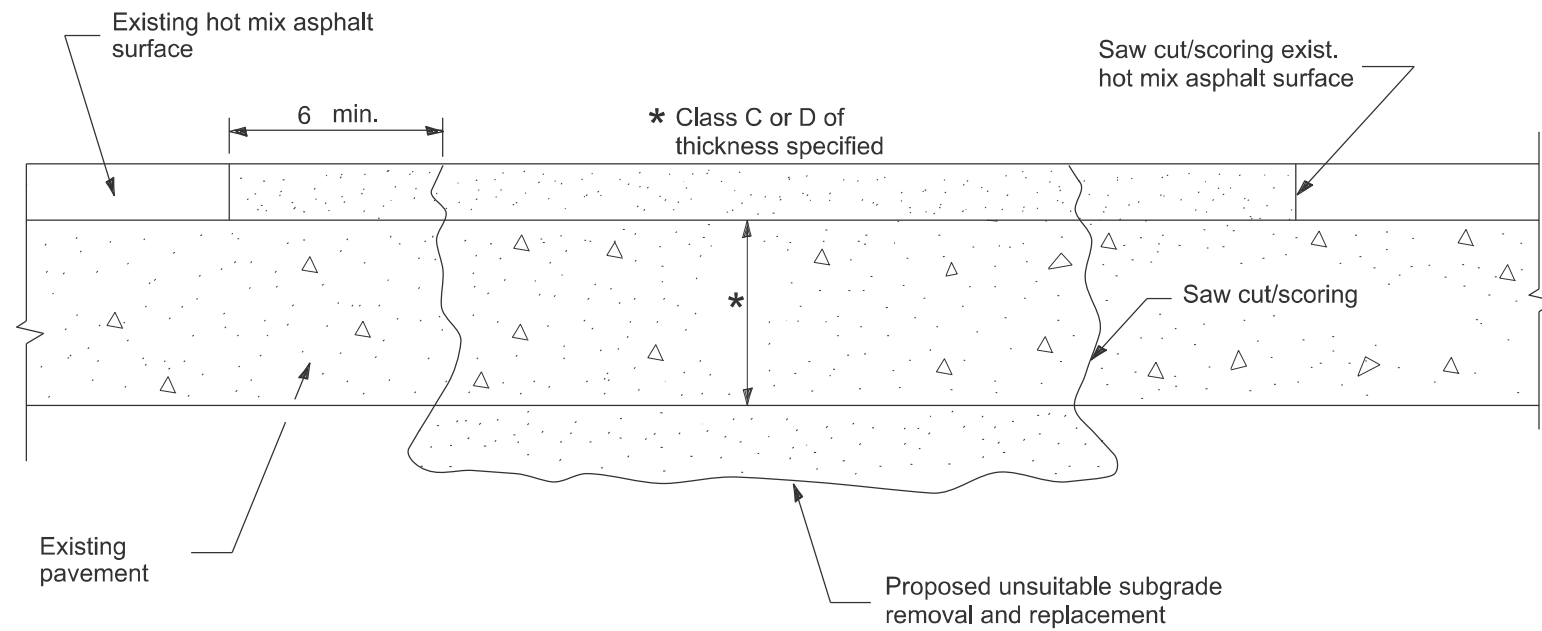
USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MAILBOX TURNOUTS FOR "3R" PROJECTS**

SCALE: NOT TO SCALE SHEET 000 OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	21
DISTRICT 4 STANDARD NO. 406201		CONTRACT NO. 68K33		
ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION

1. Remove the existing hot mix asphalt surface.
2. Remove and replace full depth patches.
3. Replace hot mix asphalt surface.

PAVEMENT PATCHING FOR  
HOT MIX ASPHALT SURFACED PAVEMENT

GENERAL NOTES

1. The width of the full depth patch over a trench shall be 12 wider on each side of the trench.

All dimensions are in inches unless otherwise noted.

MODEL: D4-440101  
FILE NAME: c:\p\work\pav\rob\christianson@illinois.gov\d1168538\D4-440101.dgn

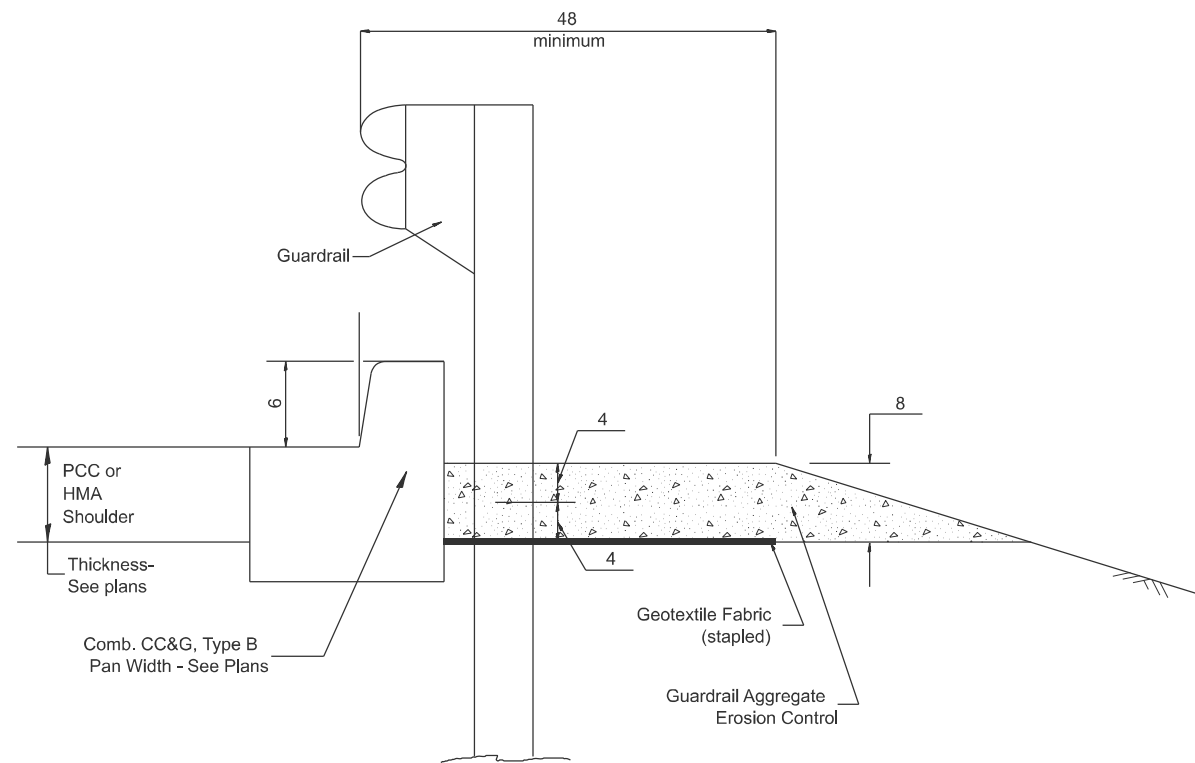
USER NAME = gorkem.gengor	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/22/2025	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOT MIX ASPHALT SURFACE REMOVAL OVER PATCHES**

SCALE: NOT TO SCALE SHEET A004 OF 9 SHEETS STA. TO STA.

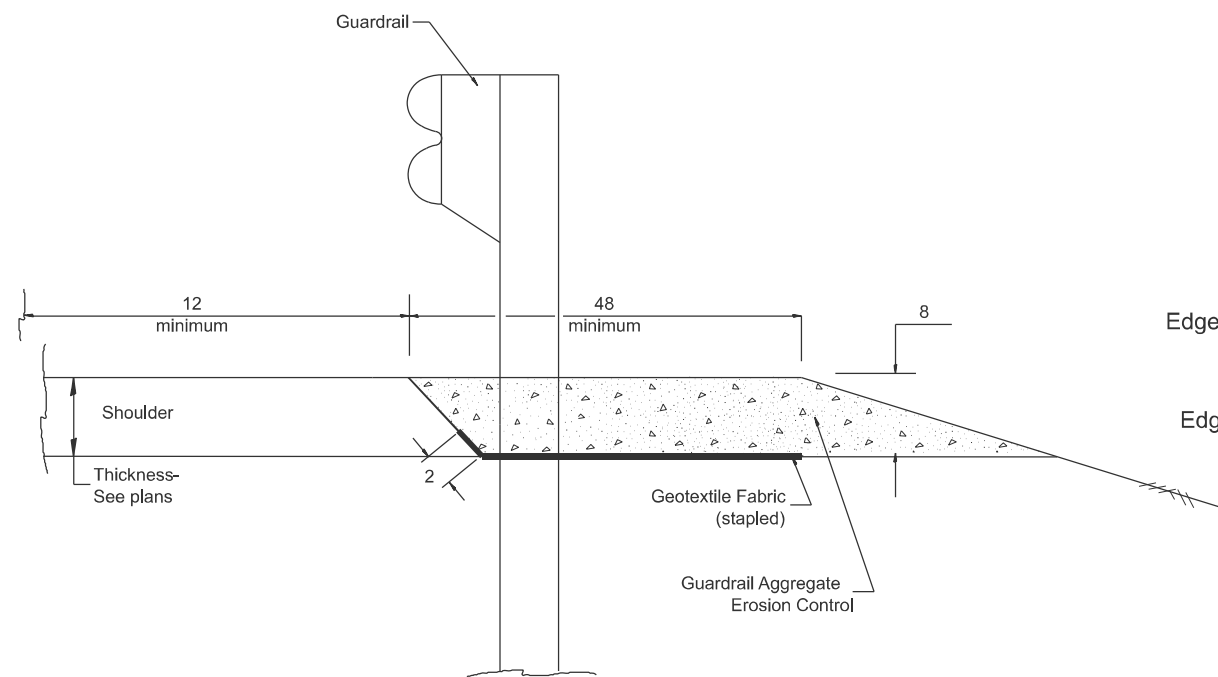
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	22
DISTRICT 4 DETAIL NO. 440101		CONTRACT NO. 68K33		
ILLINOIS FED. AID PROJECT				



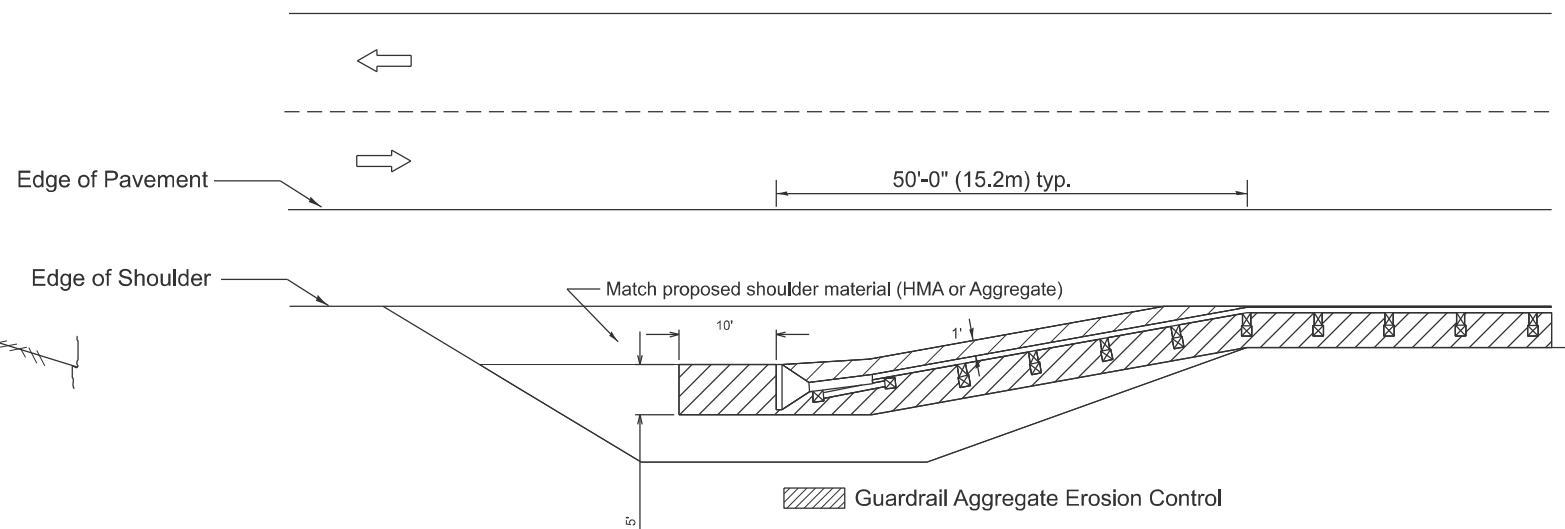
**TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER**

**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.



**TYPICAL SECTION WITHOUT EROSION CONTROL CURB**



All dimensions are in inches unless otherwise noted.

MODEL: D4-630101-01  
FILE NAME: c:\p\work\wv\rob\robb.christianson@illinois.gov\d1168538\D4-630101.dgn

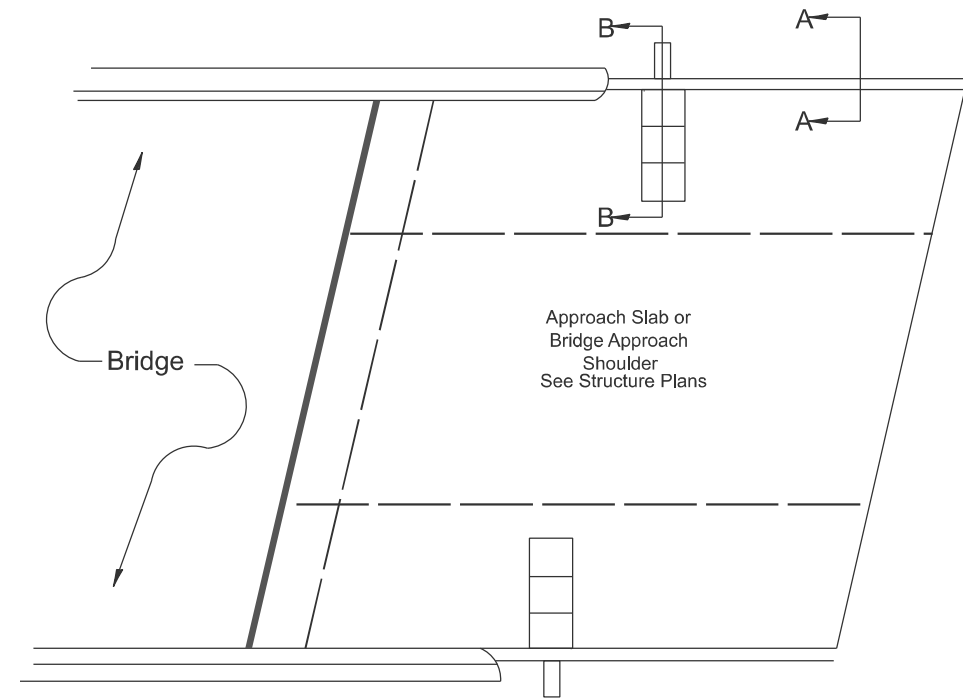
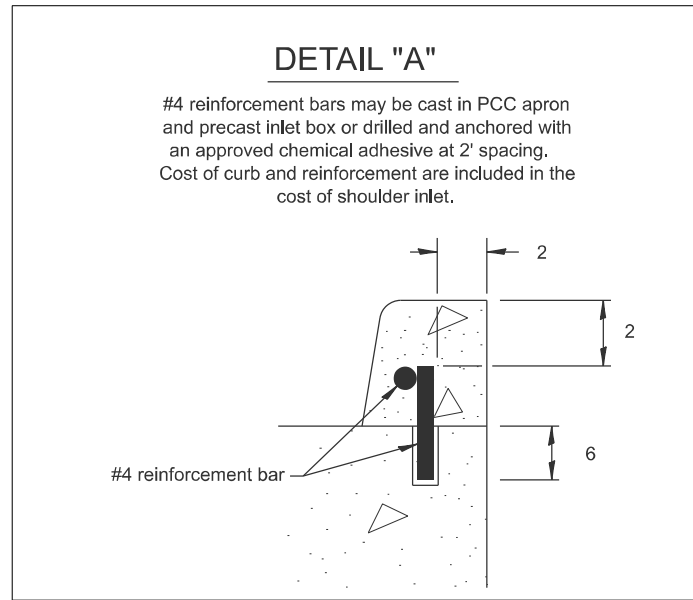
USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

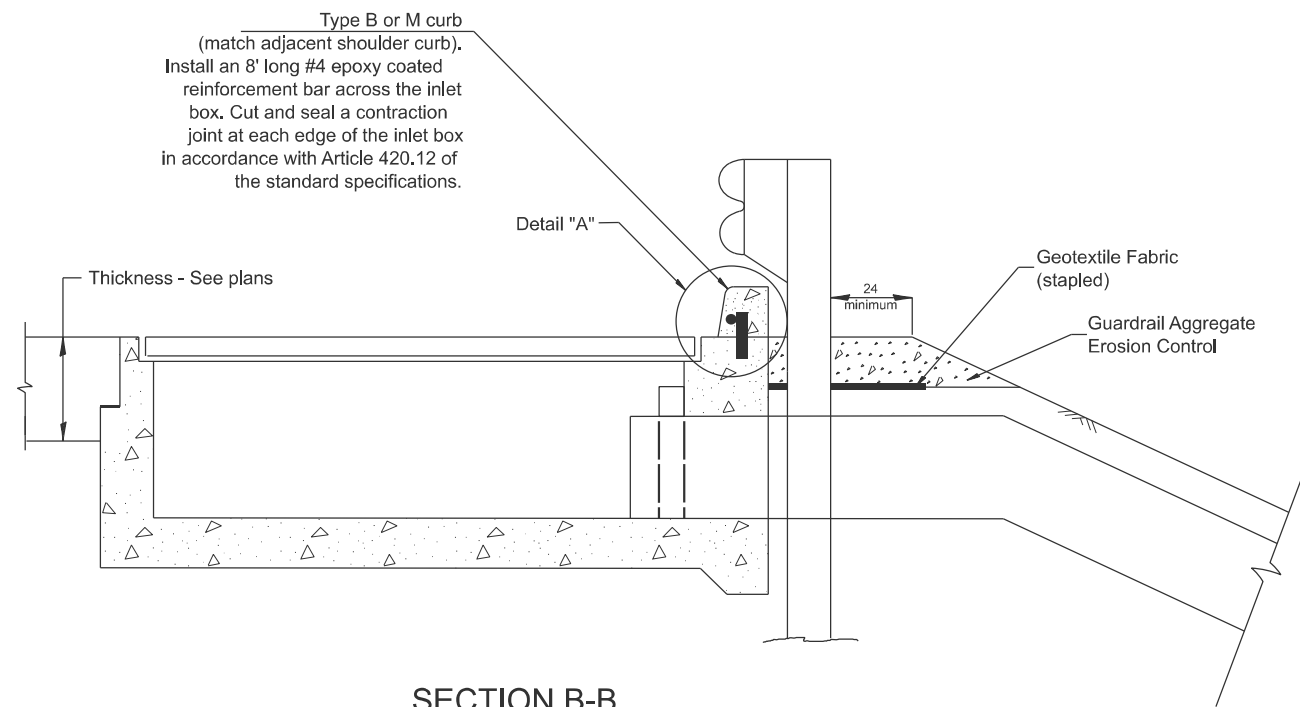
**GUARDRAIL EROSION CONTROL TREATMENTS**

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

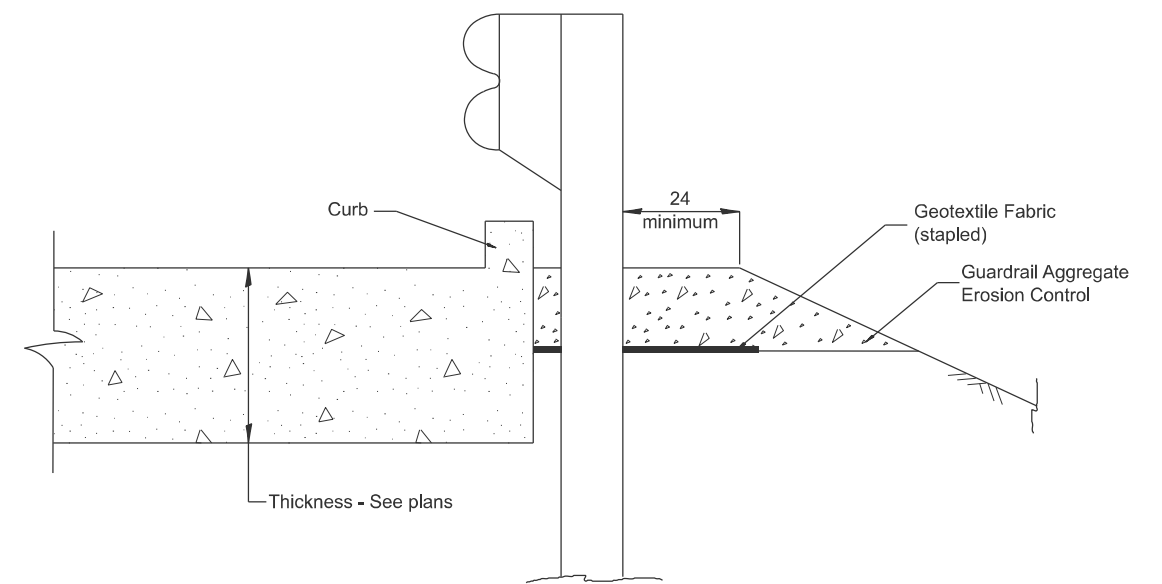
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	23
DISTRICT 4 DETAIL NO. 630101			CONTRACT NO. 68K33	
ILLINOIS FED. AID PROJECT				



**PLAN VIEW**  
**APPROACH SLAB OR SHOULDER PLACEMENT**



**SECTION B-B**  
**TYPICAL SECTION AT INLETS**  
**TYPE E, F & G (HIGHWAY STANDARD 610001)**



**SECTION A-A**  
**TYPICAL SECTION WITH BRIDGE APPROACH CURB**

All dimensions are in inches unless otherwise noted.

MODEL: D4-630101-02  
FILE NAME: c:\p\work\wv\rob\robb.christianson@illinois.gov\d1168538\D4-630101.dgn

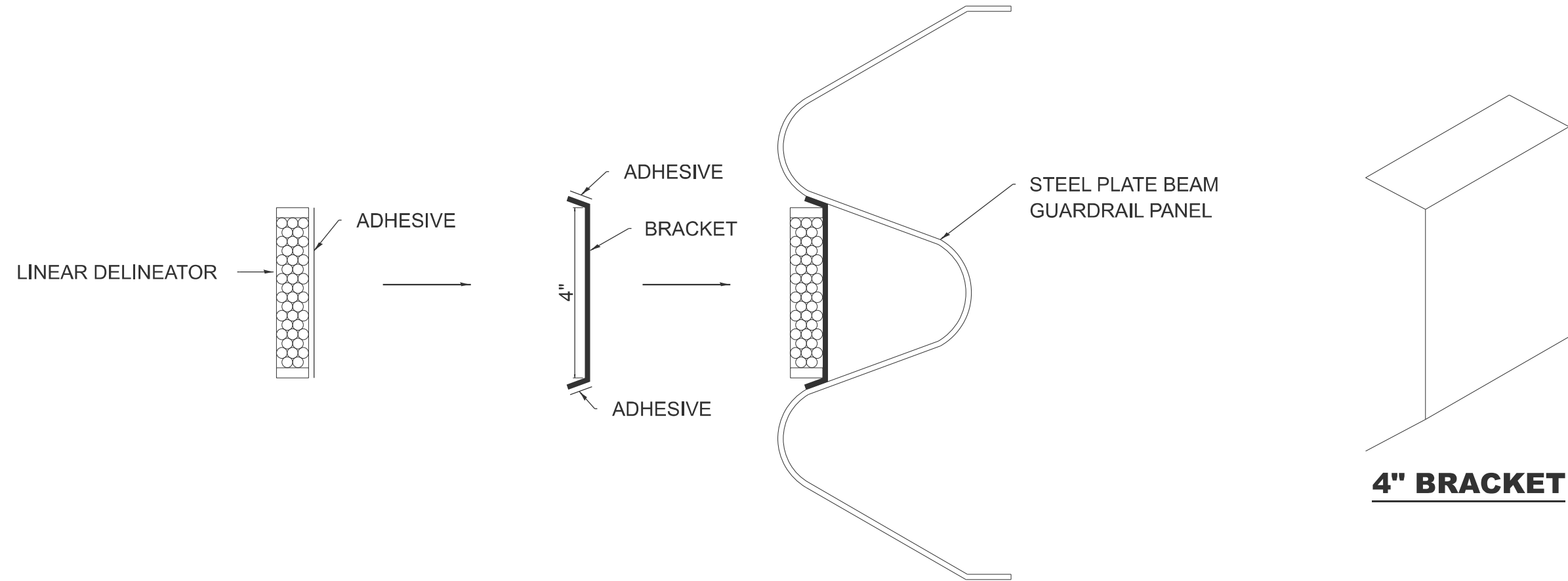
USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL EROSION CONTROL TREATMENTS**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	24
DISTRICT 4 DETAIL NO. 630101		CONTRACT NO. 68K33		
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\pwr\robb.christianson@illinois.gov\d1168538\D4-635003.dgn

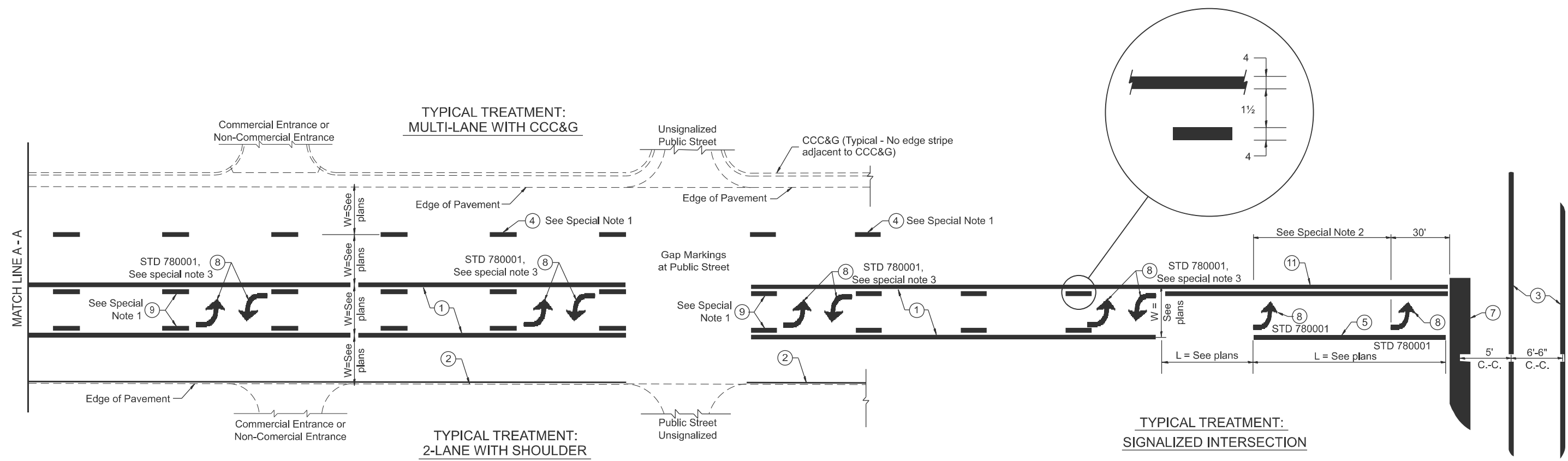
USER NAME = robb.christianson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LINEAR DELINEATOR PANELS, 4"**

SCALE: NOT TO SCALE SHEET A007 OF 9 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	25
DISTRICT 4 DETAIL NO. 635003		CONTRACT NO. 68K33		
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 4 Solid (White)
- ③ 2-6 Crosswalk @ 6'-6" min C.-C. (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 8 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)
- ⑨ 4 Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12 Diagonal (Yellow) (See Table A)
- ⑪ 4 Double Solid (Yellow)

**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 33'.

**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)

MODEL: D4-780001-01  
FILE NAME: c:\p\work\wv\rob\rob.christianson@illinois.gov\d1168538\04-780001.dgn

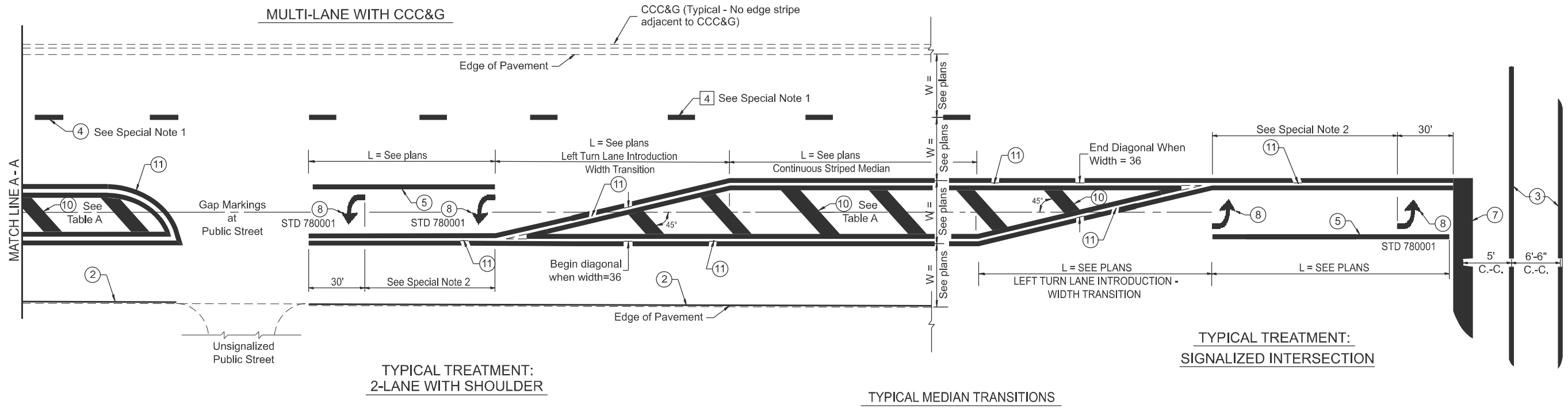
USER NAME = gorkem.gengor	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/22/2025	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL PAVEMENT MARKINGS**

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

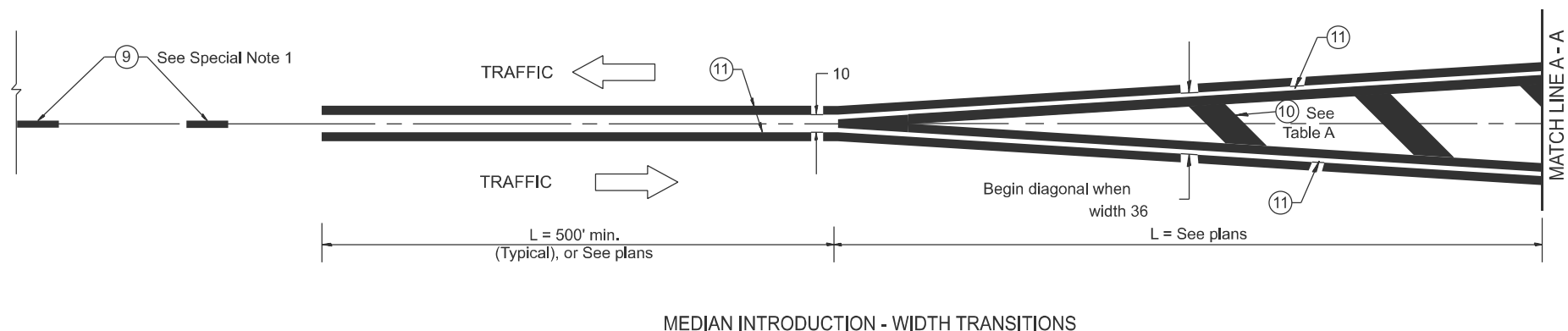
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	26
DISTRICT 4 DETAIL NO. 780001			CONTRACT NO. 68K33	
ILLINOIS FED. AID PROJECT				



**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\robb.christianson@illinois.gov\d1168538\04-780001.dgn

All dimensions are in inches unless otherwise noted.

USER NAME = gorkem.gengor	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/22/2025	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL PAVEMENT MARKINGS**

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
216	121RS-2	Mercer	27	27
DISTRICT 4 DETAIL NO. 780001		CONTRACT NO. 68K33		
ILLINOIS FED. AID PROJECT				