

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(116, 149, 150)Q	--	27	1
ALPHABETICALLY			CONTRACT NO.	

*323 & 711
** EDGAR & VERMILION

D-95-042-19

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5

PROPOSED
HIGHWAY PLANS

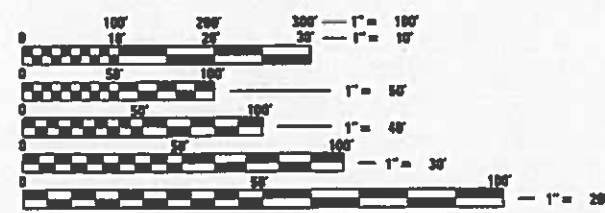
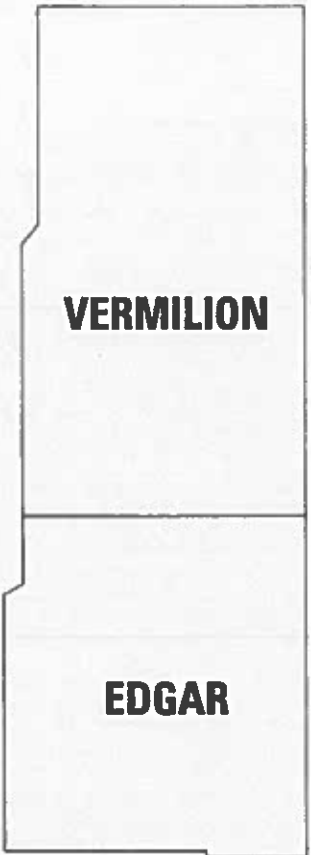
FAP ROUTES 323 (US 36) & 711 (IL 119)
SECTION (116, 149, 150)Q
PROJECT NHPP-STP-A8B0(175)
BIT SURFACE TREATMENT A-1
EDGAR AND VERMILION COUNTIES



CURRENT ADT
US 36 ADT(2017) = 1250 SU = 8.0% MU = 13.6%
IL 119 ADT(2017) = 1850 SU = 8.6% MU = 16.2%

DESIGN DESIGNATION
US 36 - OTHER PRINCIPLE ARTERIAL
IL 119 - MINOR ARTERIAL

C-95-047-19



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 CHRISMAN, SOUTH ROSS TOWNSHIPS

PROJECT ENGINEER: JASON STULTS
SQUAD LEADER: JOSEPH GRAZIANO
DESIGNER: CLARE CURTIN
PHONE: (217) 465-4181
CONTRACT NO. 70D33

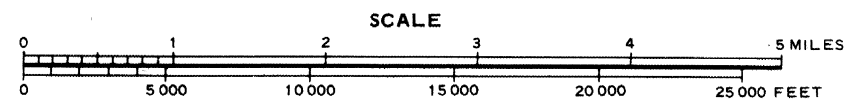
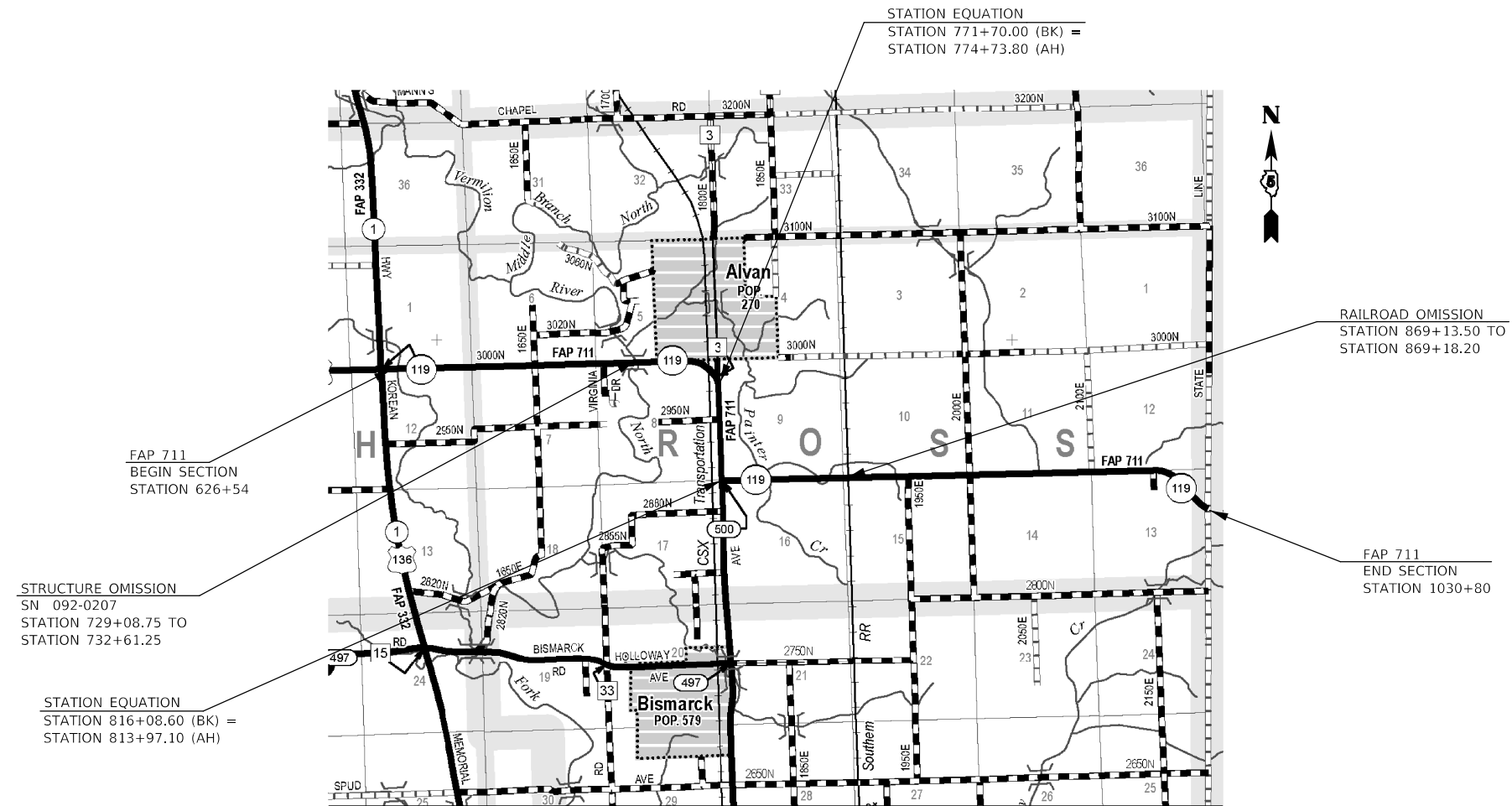
FOR LOCATION MAPS, SEE SHEET NO. 3-4

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED 03/20 2019
Kengil A. Barnett, JR.
REGIONAL ENGINEER
MAY 10 2019
A. E. T. S.
ENGINEER OF DESIGN AND ENVIRONMENT
MAY 10 2019
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

LOCATION MAPS

VERMILION COUNTY IL 119



GROSS LENGTH = 40,173.20 FT. = 7.609 MILE
NET LENGTH = 39,841.80 FT. = 7.546 MILE

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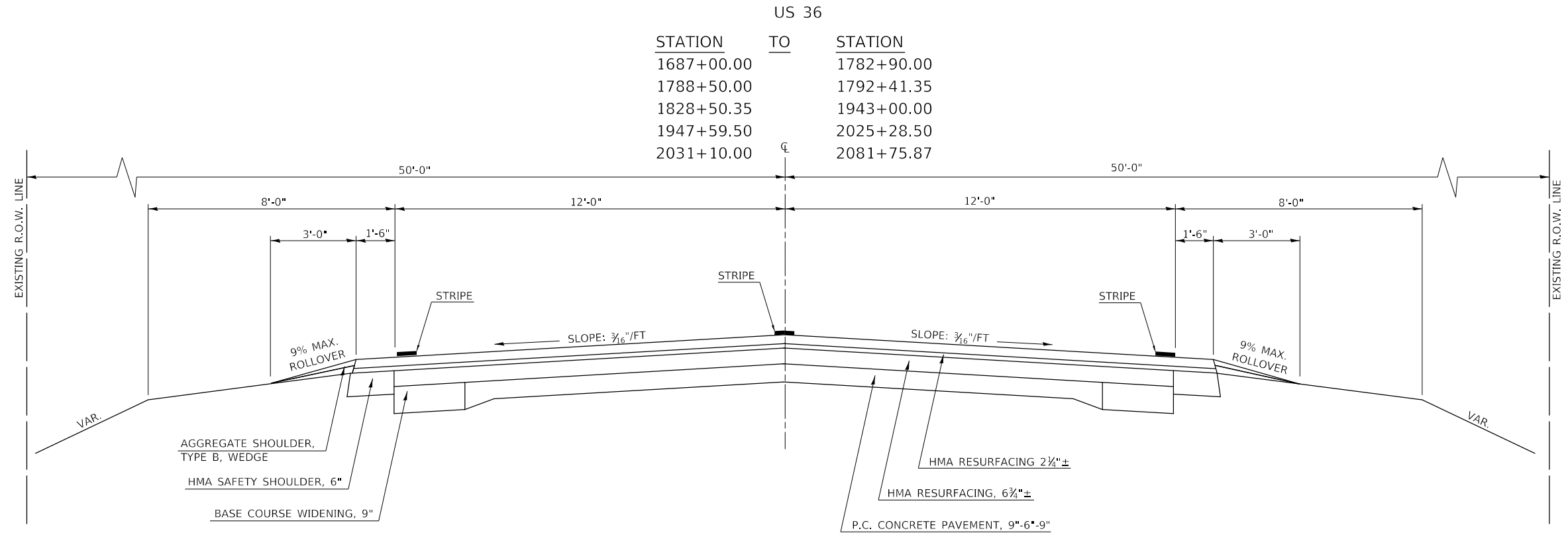
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

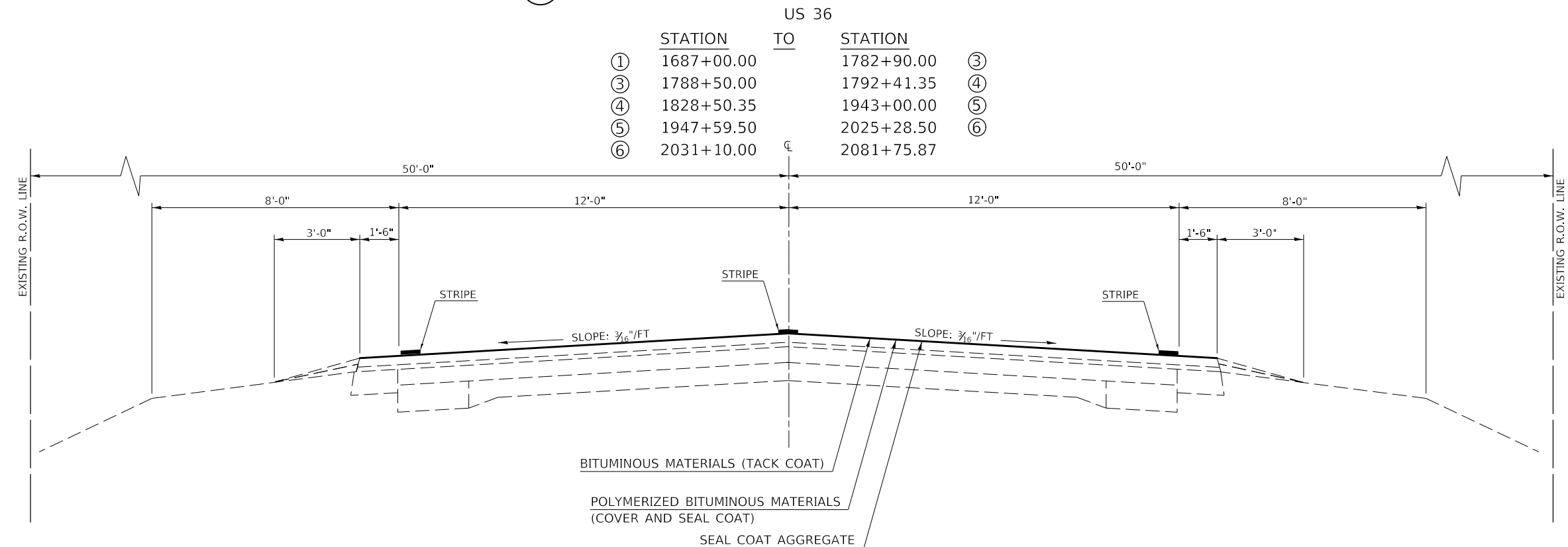
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	4
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION



2 PROPOSED TYPICAL CROSS SECTION



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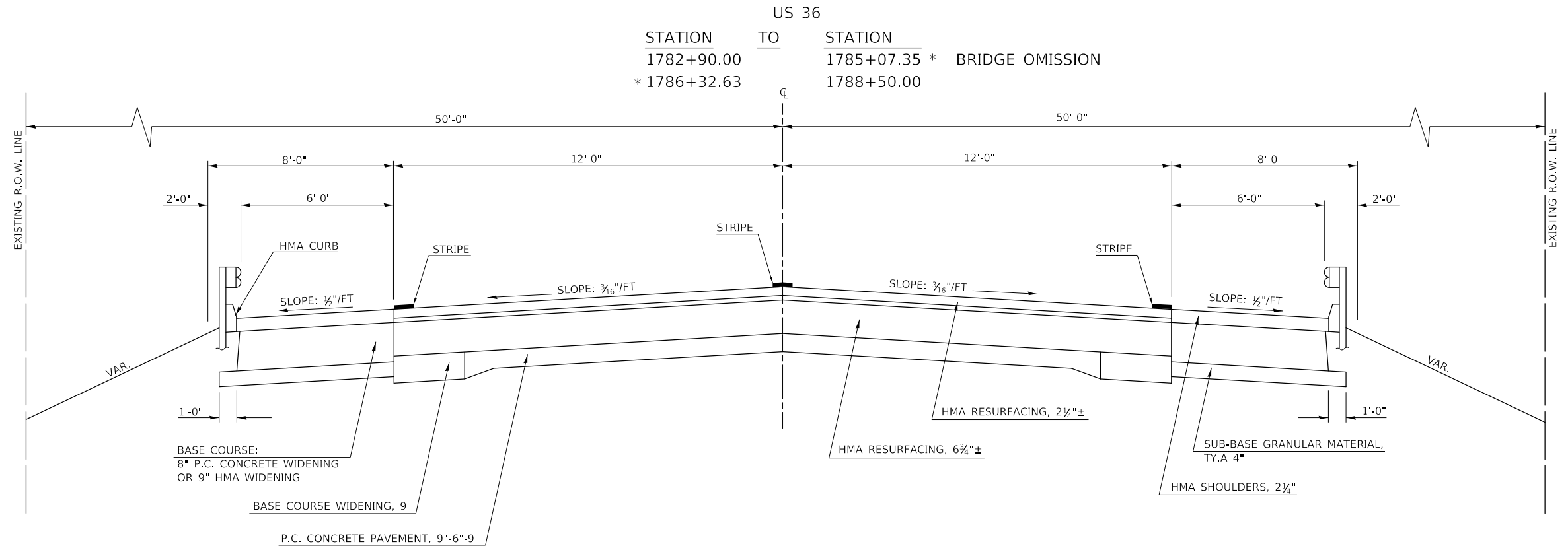
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
F.A.P. RTE. 323 (U.S. 36)**

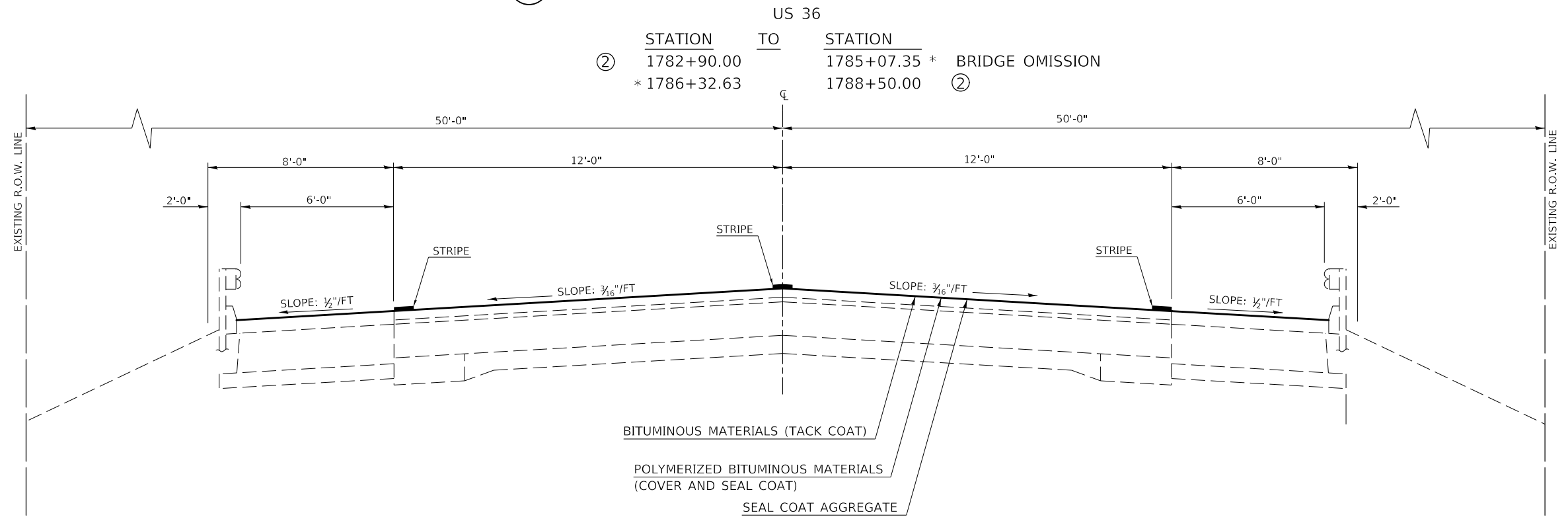
SCALE: NONE SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	8
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION



3 PROPOSED TYPICAL CROSS SECTION



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

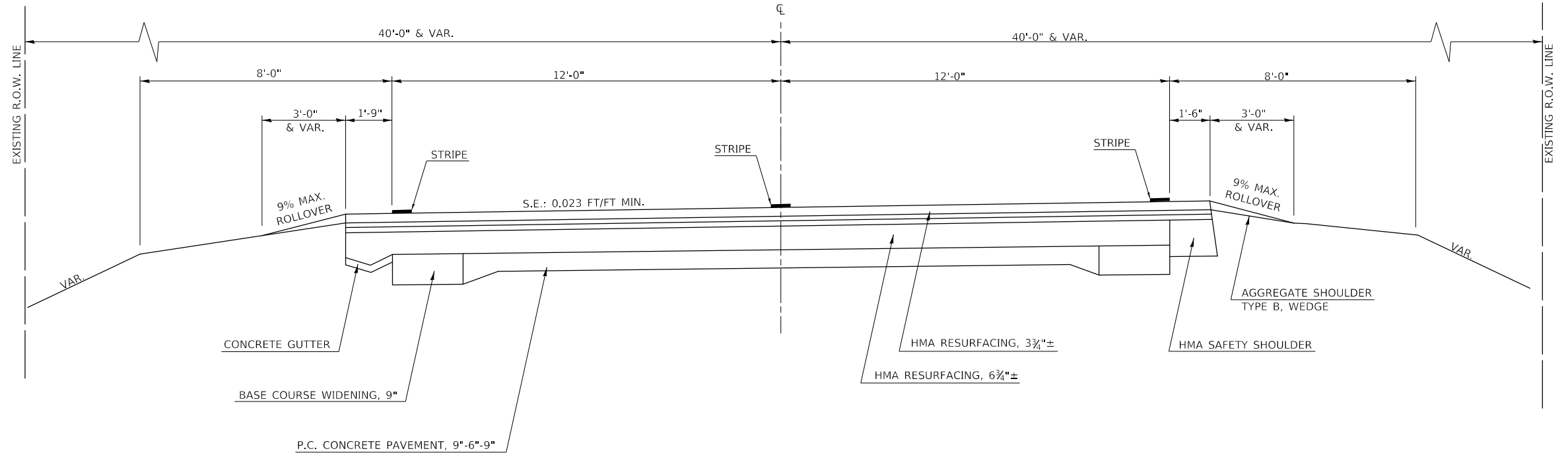
TYPICAL CROSS SECTIONS			
F.A.P. RTE. 323 (U.S. 36)			
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116.149,150)Q	**	27	9
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION

US 36

STATION TO STATION
1792+41.35 1828+50.35



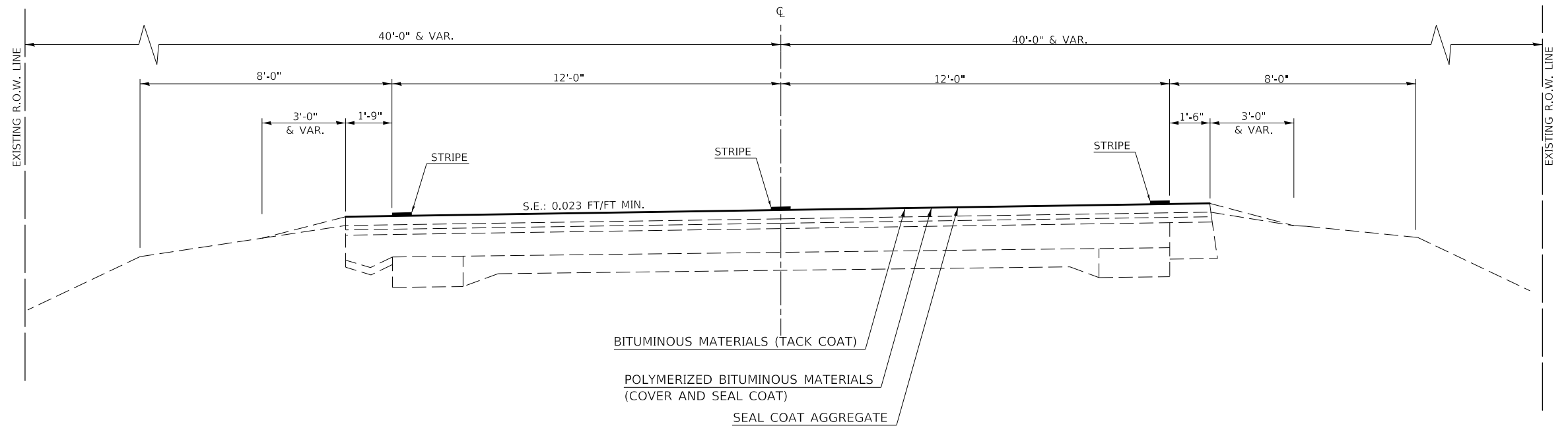
SUPERELEVATION ATTAINED FROM

STATION	TO	STATION
1792+41.35		1794+66.35
1800+92.85		1810+46.06
1828+50.35		1826+25.35
1812+81.07		1810+46.06

④ PROPOSED TYPICAL CROSS SECTION

US 36

② STATION TO STATION ②
1792+41.35 1828+50.35



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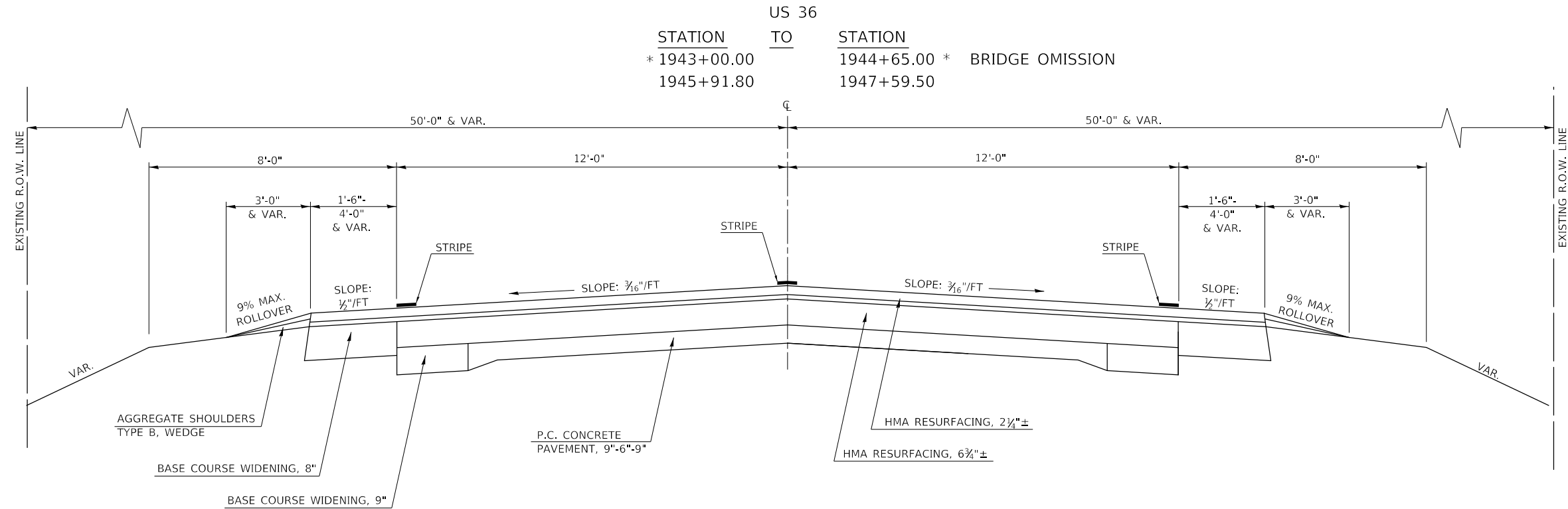
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
F.A.P. RTE. 323 (U.S. 36)**

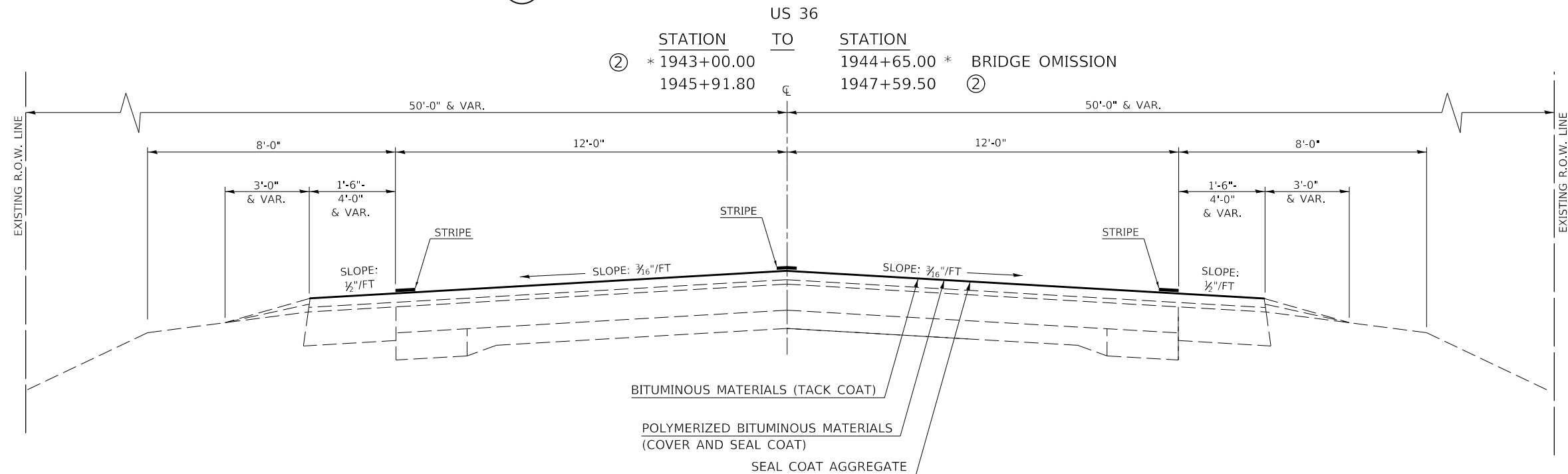
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	10
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION



5 PROPOSED TYPICAL CROSS SECTION



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
F.A.P. RTE. 323 (U.S. 36)**

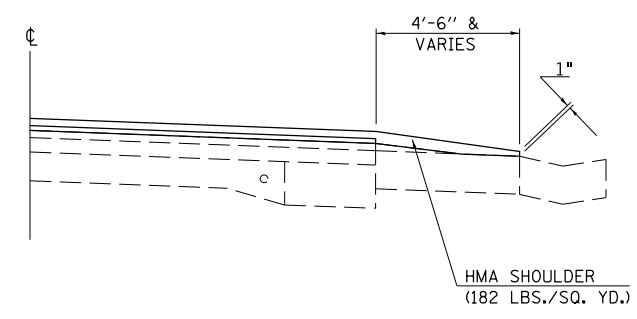
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	11
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION

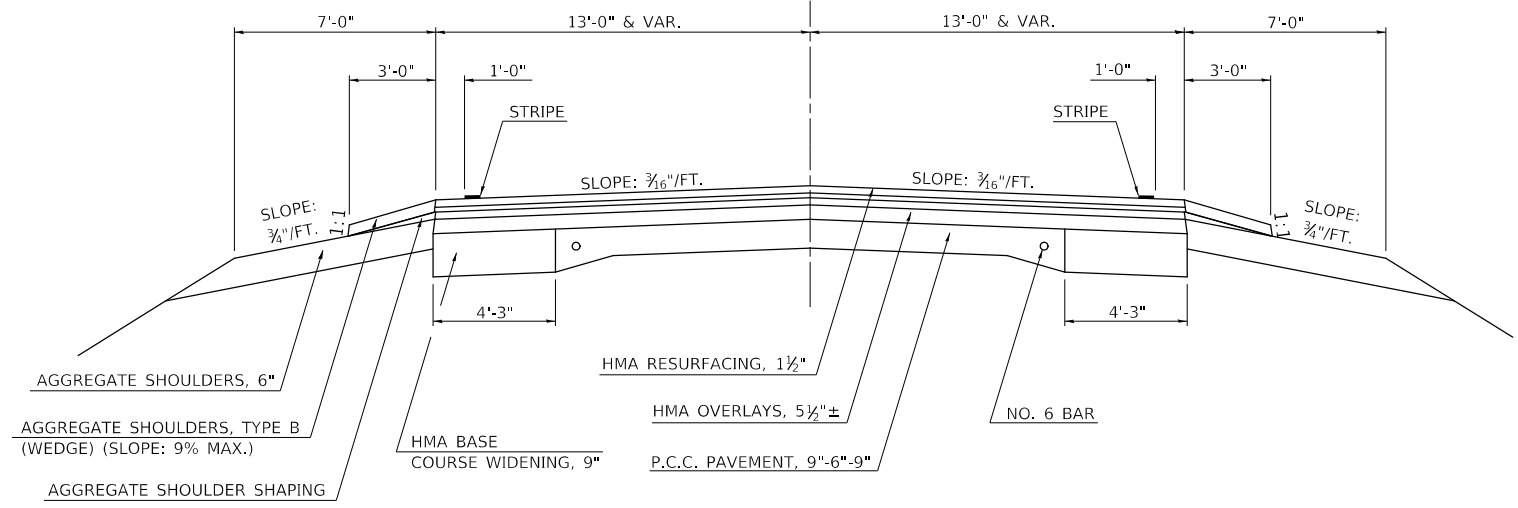
DETAIL

LT. STA. 716+00.00 TO LT. STA. 723+30.00
 RT. STA. 716+85.00 TO RT. STA. 719+50.00
 LT. STA. 740+40.00 TO LT. STA. 752+20.00
 RT. STA. 740+80.00 TO RT. STA. 754+16.00



IL 119

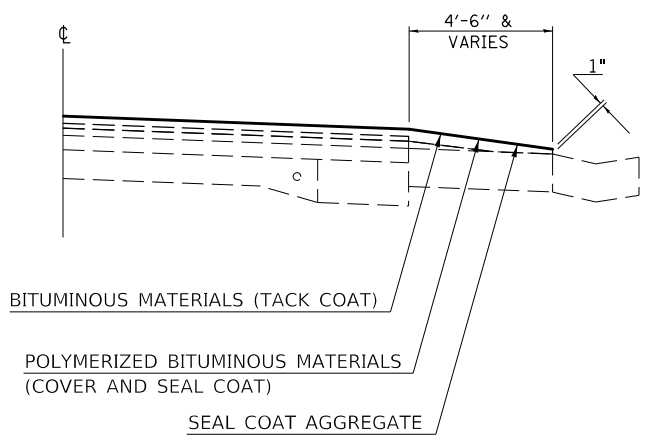
STATION	TO	STATION	
626+54.00		729+08.75*	(BRIDGE OMISSION)
*732+61.25		754+16.00	
776+27.00		816+08.60 (BK)	
813+97.10 (AH)		814+11.10	
820+50.00		869+13.50**	(RAILROAD OMISSION)
**869+18.20		1000+39.00	
1014+94.00		1024+57.00	



1 PROPOSED TYPICAL CROSS SECTION

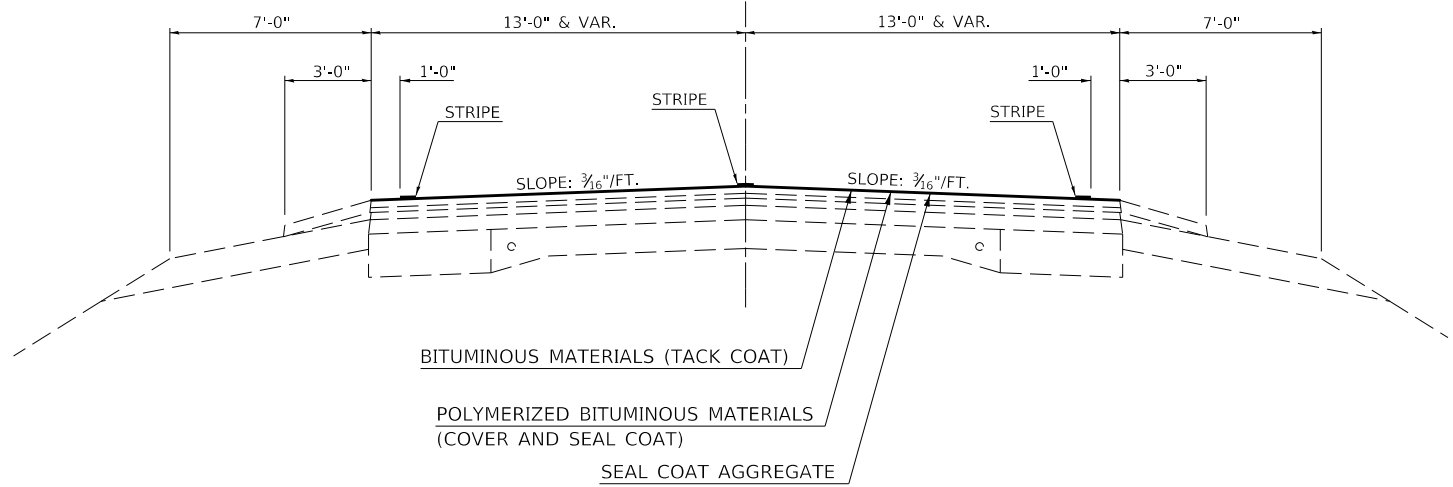
DETAIL

LT. STA. 716+00.00 TO LT. STA. 723+30.00
 RT. STA. 716+85.00 TO RT. STA. 719+50.00
 LT. STA. 740+40.00 TO LT. STA. 752+20.00
 RT. STA. 740+80.00 TO RT. STA. 754+16.00



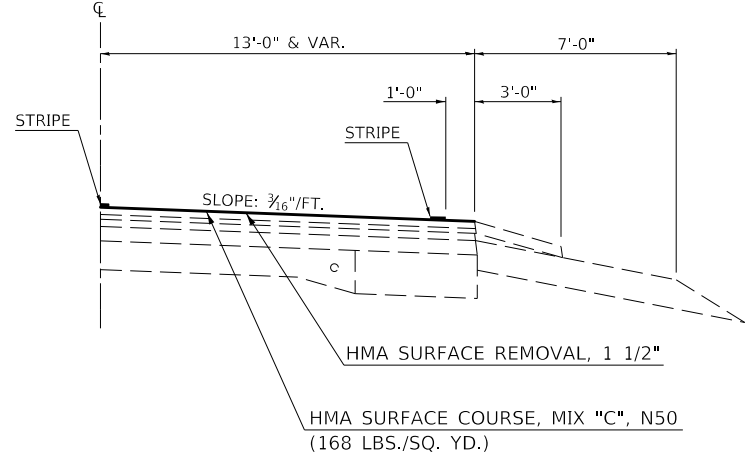
IL 119

STATION	TO	STATION	
626+54.00		729+08.75*	(BRIDGE OMISSION)
*732+61.25		754+16.00	②
④ 776+27.00		816+08.60 (BK)	
813+97.10 (AH)		814+11.10	⑤
⑥ 820+50.00		869+13.50**	(RAILROAD OMISSION)
**869+18.20		1000+39.00	⑦
⑦ 1014+94.00		1024+57.00	⑦



HMA INLAY

STA. 865+61.00 TO STA. 869+13.50
 STA. 869+18.20 TO STA. 872+70.70
 ***APPROXIMATE STATIONS TO REPLACE RR STRIPING



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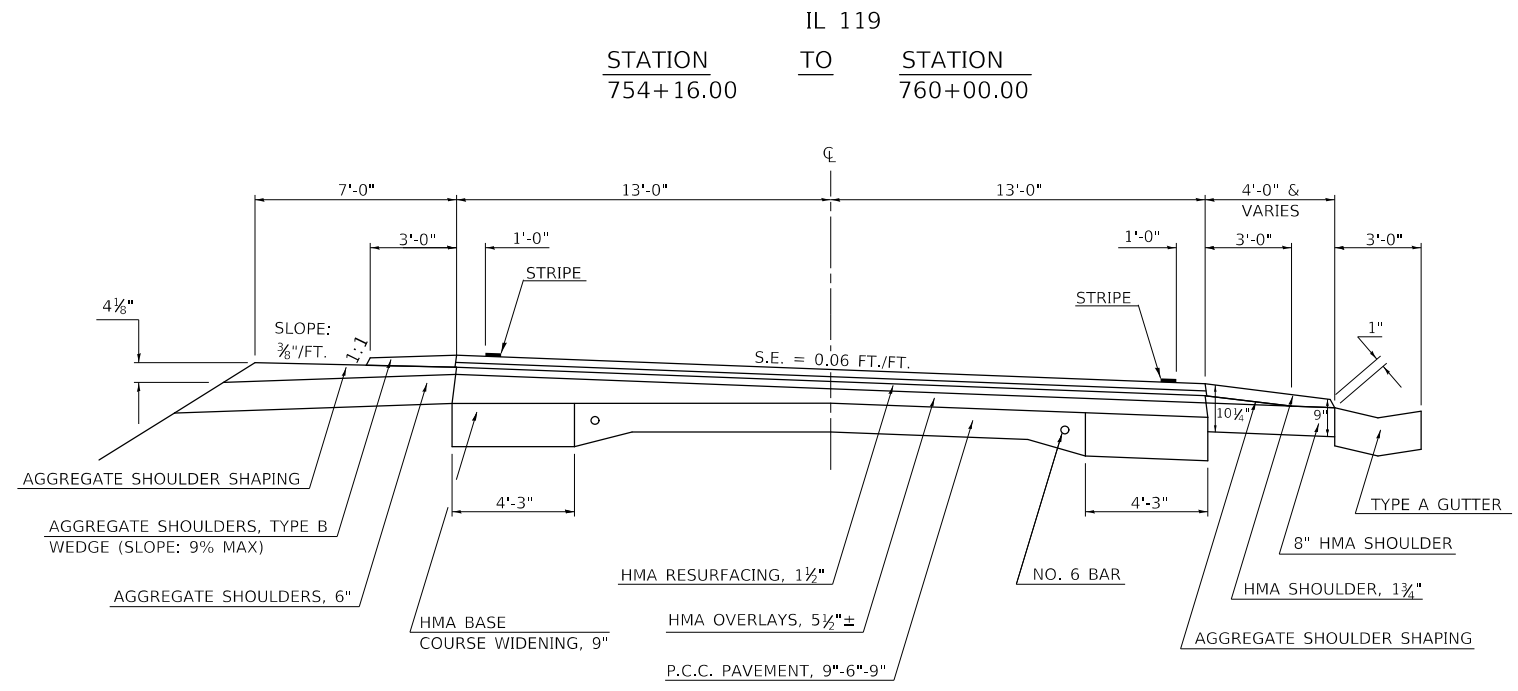
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

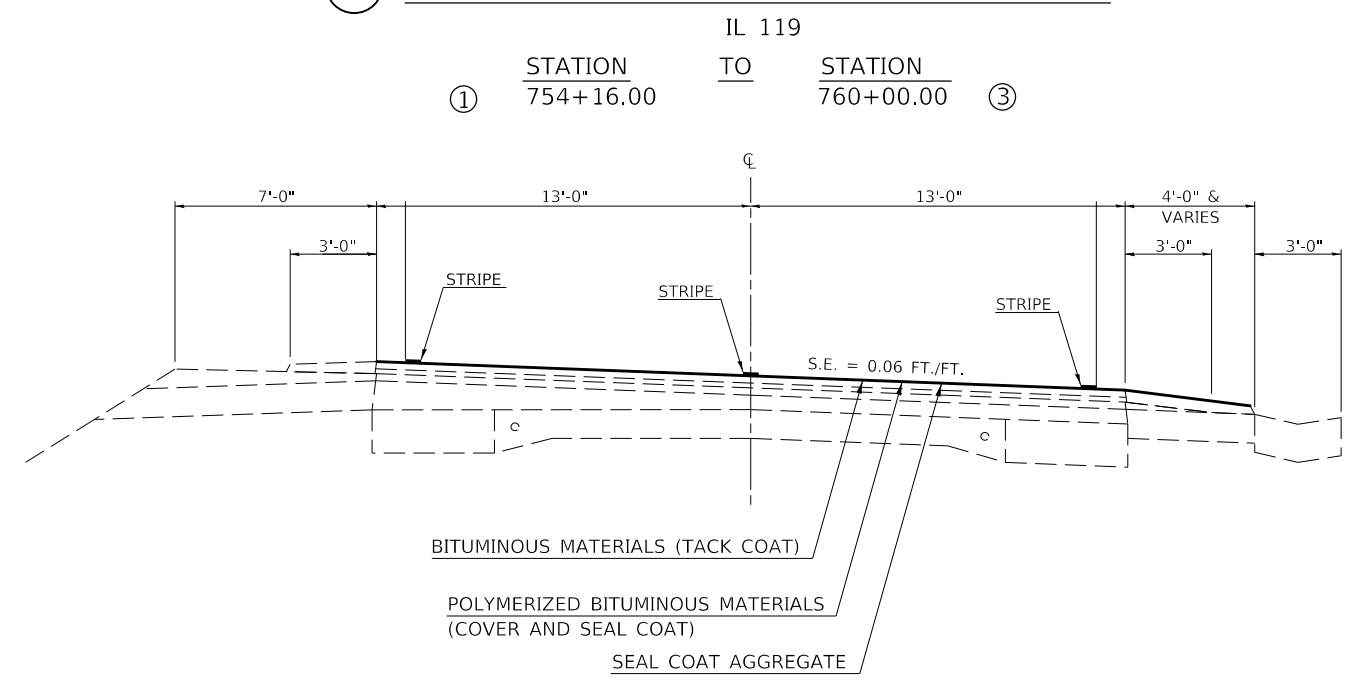
TYPICAL CROSS SECTIONS			
F.A.P. RTE. 711 (IL 119)			
SCALE: NONE	SHEET 1	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	13
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION



② PROPOSED TYPICAL CROSS SECTION



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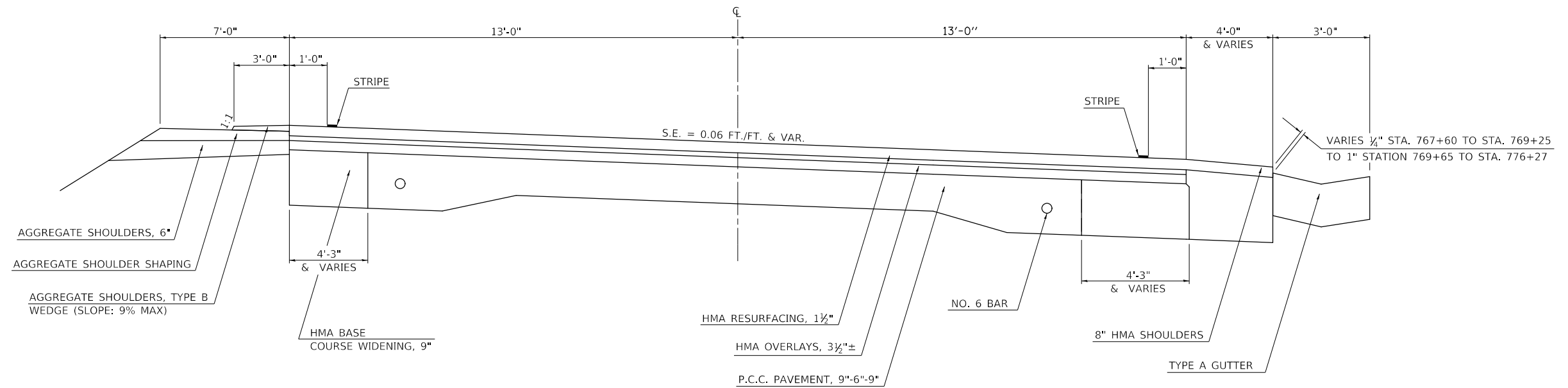
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS F.A.P. RTE. 711 (IL 119)			
SCALE: NONE	SHEET 2	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	14
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

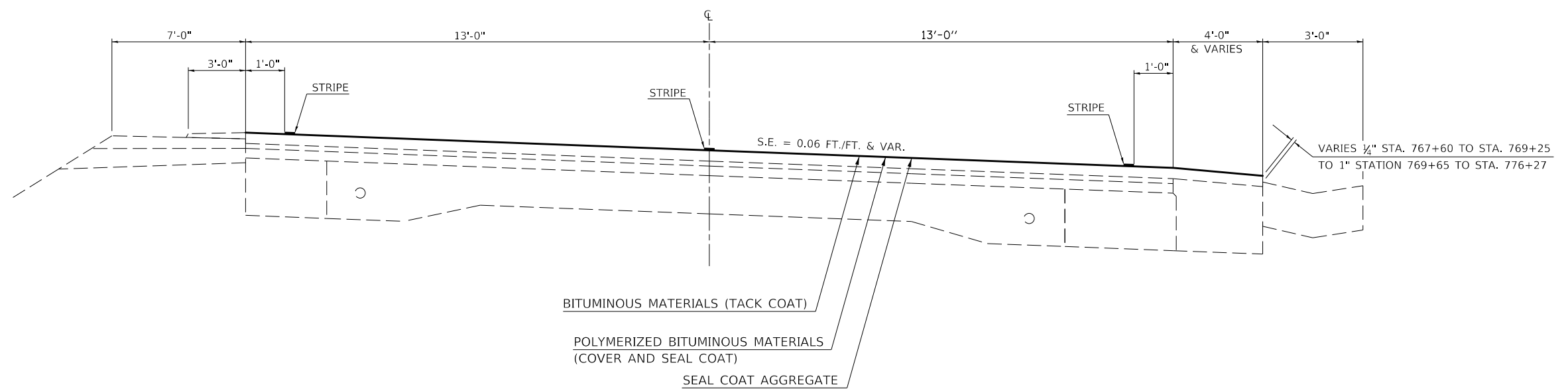
EXISTING TYPICAL CROSS SECTION

IL 119
 STATION TO STATION
 767+60.00 771+70.00 (BK.)
 774+73.80 (AH.) 776+27.00



④ PROPOSED TYPICAL CROSS SECTION

IL 119
 STATION TO STATION
 767+60.00 771+70.00 (BK.)
 774+73.80 (AH.) 776+27.00



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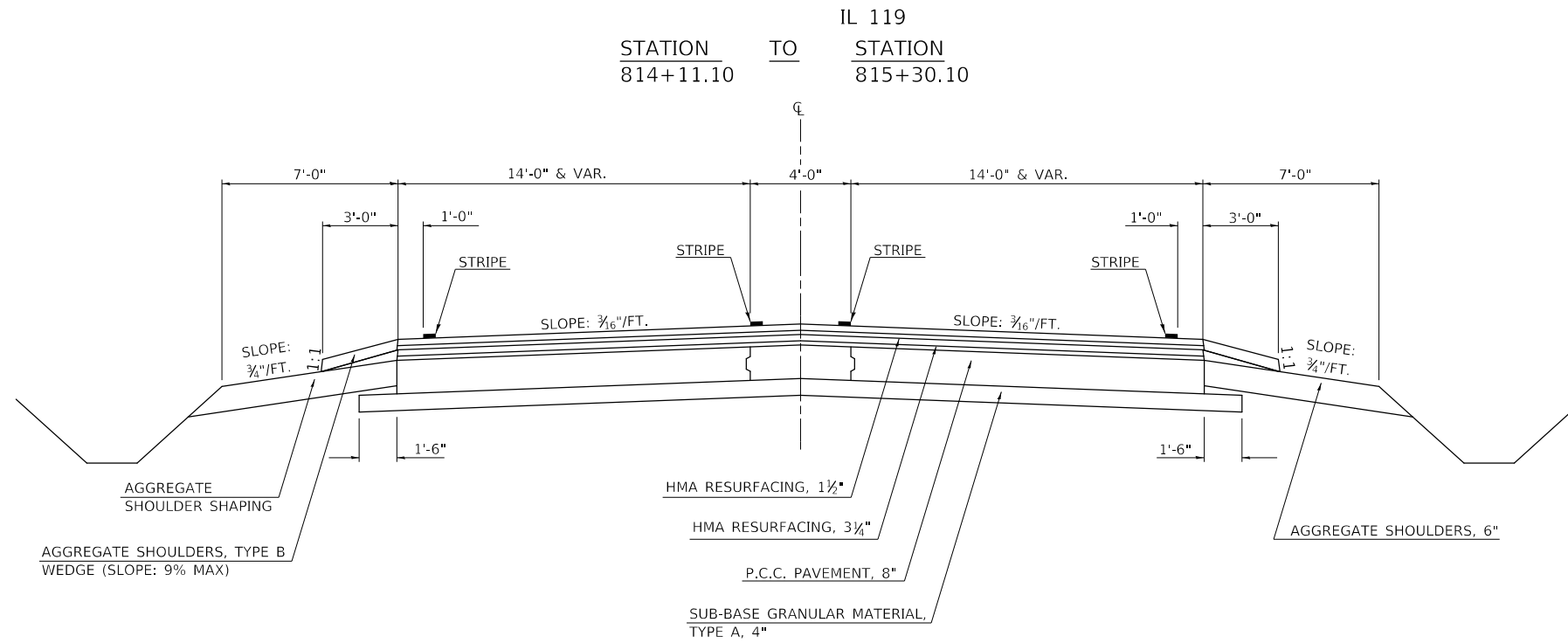
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
 F.A.P. RTE. 711 (IL 119)

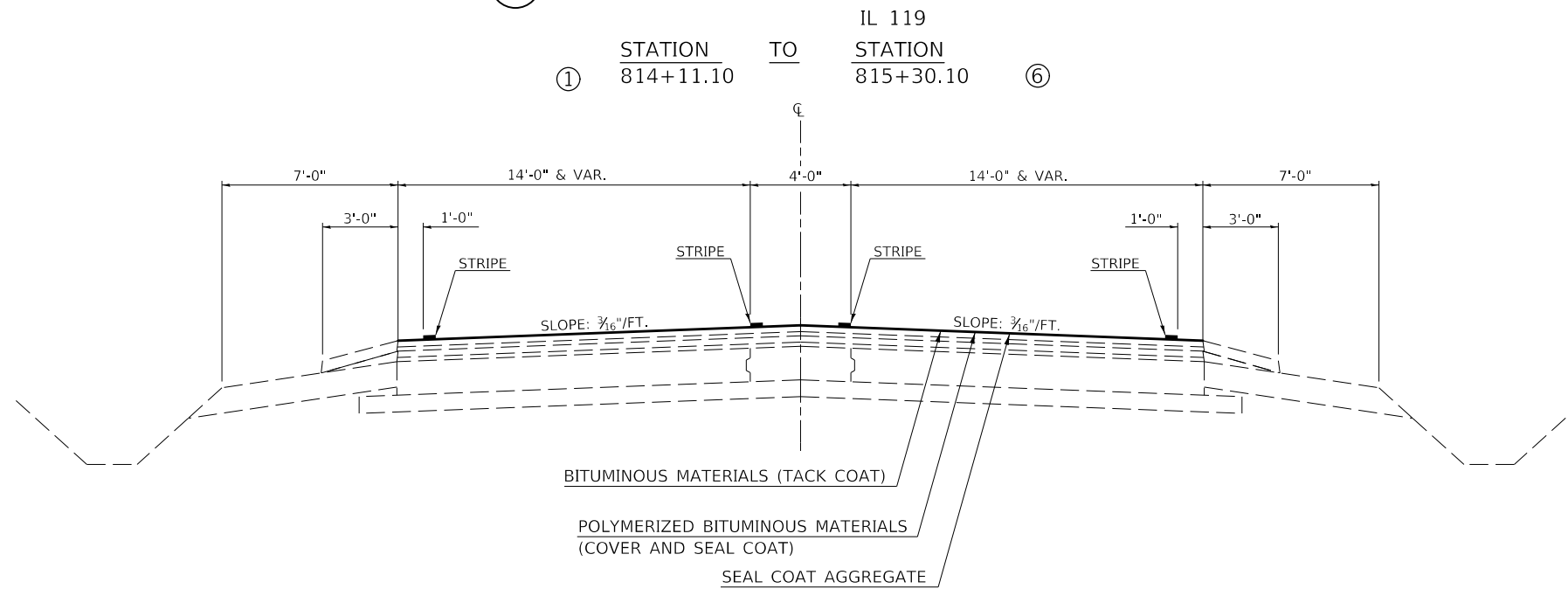
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	16
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION



⑤ PROPOSED TYPICAL CROSS SECTION



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PLOT DATE = 3/20/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
F.A.P. RTE. 711 (IL 119)**

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	17
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

A-1 SURFACE TREATMENT US 36

LOCATION	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ FT)	AREA (SQ YD)	BITUMINOUS MATERIALS TACK COAT RATE (LBS/SQ FT)	BITUMINOUS MATERIALS (COVER AND SEAL COAT) RATE (GAL/SQ YD)	SEAL COAT AGGREGATE RATE (LBS/SQ YD)	* BITUMINOUS MATERIALS (TACK COAT) 40600290 (POUND)	** POLYMERIZED BITUMINOUS MATERIALS (COVER AND SEAL COAT) 40300405 (TON)	SEAL COAT AGGREGATE 40300600 (TON)
MAINLINE	1681+95.00		1687+00.00	505.00	VAR	22,556.00	2,394.0	0.05	0.35	19.0	1,127.8	3.6	22.7
MAINLINE	1687+00.00		1782+90.00	9,590.00	27.0	278,110.00	28,770.0	0.05	0.35	19.0	13,905.5	42.8	273.3
MAINLINE	1782+90.00		1785+07.35	217.35	24.0	5,651.10	579.6	0.05	0.35	19.0	282.6	0.9	5.5
MAINLINE	1786+32.63		1788+50.00	217.37	24.0	5,651.62	579.7	0.05	0.35	19.0	282.6	0.9	5.5
MAINLINE	1788+50.00		1792+41.35	391.35	27.0	11,349.15	1,174.1	0.05	0.35	19.0	567.5	1.7	11.2
MAINLINE	1792+41.35		1828+50.35	3,609.00	27.3	105,563.25	10,927.3	0.05	0.35	19.0	5,278.2	16.3	103.8
MAINLINE	1828+50.35		1943+00.00	11,449.65	27.0	332,039.85	34,349.0	0.05	0.35	19.0	16,602.0	51.2	326.3
MAINLINE	1943+00.00		1944+65.00	165.00	27.0	4,785.00	495.0	0.05	0.35	19.0	239.3	0.7	4.7
MAINLINE	1945+91.80		1947+59.50	167.70	27.0	4,863.30	503.1	0.05	0.35	19.0	243.2	0.7	4.8
MAINLINE	1947+59.50		2025+28.50	7,769.00	27.0	225,301.00	23,307.0	0.05	0.35	19.0	11,265.1	34.7	221.4
MAINLINE	2025+28.50		2027+66.58	238.08	24.0	6,190.08	634.9	0.05	0.35	19.0	309.5	0.9	6.0
MAINLINE	2028+59.42		2031+10.00	250.58	24.0	6,515.08	668.2	0.05	0.35	19.0	325.8	1.0	6.3
MAINLINE	2031+10.00		2081+75.87	5,065.87	27.0	146,910.23	15,197.6	0.05	0.35	19.0	7,345.5	22.6	144.4
LT SHOULDE	1751+00.00		1757+62.00	662.00	8.0	5,296.00	588.4	0.05	0.35	19.0	264.8	0.9	5.6
RT SHOULDE	1750+88.00		1754+44.00	356.00	8.0	2,848.00	316.4	0.05	0.35	19.0	142.4	0.5	3.0
LT SHOULDE	1782+90.00		1785+07.35	217.35	6.0	1,304.10	144.9	0.05	0.35	19.0	65.2	0.2	1.4
RT SHOULDE	1782+90.00		1785+07.35	217.35	6.0	1,304.10	144.9	0.05	0.35	19.0	65.2	0.2	1.4
LT SHOULDE	1786+32.63		1788+50.00	217.37	6.0	1,304.22	144.9	0.05	0.35	19.0	65.2	0.2	1.4
RT SHOULDE	1786+32.63		1788+50.00	217.37	6.0	1,304.22	144.9	0.05	0.35	19.0	65.2	0.2	1.4
LT SHOULDE	1943+00.00		1944+65.00	165.00	4.0	660.00	73.3	0.05	0.35	19.0	33.0	0.1	.7
RT SHOULDE	1943+00.00		1944+65.00	165.00	4.0	660.00	73.3	0.05	0.35	19.0	33.0	0.1	.7
LT SHOULDE	1945+91.80		1947+59.50	167.70	4.0	670.80	74.5	0.05	0.35	19.0	33.5	0.1	.7
RT SHOULDE	1945+91.80		1947+59.50	167.70	4.0	670.80	74.5	0.05	0.35	19.0	33.5	0.1	.7
LT SHOULDE	2025+28.50		2027+66.58	238.08	6.0	1,428.48	158.7	0.05	0.35	19.0	71.4	0.2	1.5
RT SHOULDE	2025+28.50		2027+66.58	238.08	6.0	1,428.48	158.7	0.05	0.35	19.0	71.4	0.2	1.5
LT SHOULDE	2028+59.42		2031+10.00	250.58	6.0	1,503.48	167.1	0.05	0.35	19.0	75.2	0.2	1.6
RT SHOULDE	2028+59.42		2030+80.00	220.58	6.0	1,323.48	147.1	0.05	0.35	19.0	66.2	0.2	1.4
MAINLINE SUB-TOTAL											57,774.3	178.1	1,136.0
MAINLINE ROUNDED											57,775.0	179.0	1,137.0
SHOULDERS SUB-TOTAL											1,085.3	3.6	22.9
SHOULDERS ROUNDED											1,086.0	4.0	23.0
GRAND TOTALS											58,861.0	183.0	1,160.0

*INCLUDES 1 FT OF OVERSPRAY ON EACH SIDE OF ROADWAY (MAINLINE ONLY)

**WEIGHT CONVERSION: 235 GALLONS/TON

A-1 SURFACE TREATMENT SHALL BE GAPPED AT RUMBLE STRIPS IN ADVANCE OF THE INTERSECTION WITH IL 1

MODEL: \\MODEL\A1MFS
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USER NAME = piersonbr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000" / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	20
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

A-1 SURFACE TREATMENT IL 119

LOCATION	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ FT)	AREA (SQ YD)	BITUMINOUS MATERIALS TACK COAT RATE (LBS/SQ FT)	BITUMINOUS MATERIALS (COVER AND SEAL COAT) RATE (GAL/SQ YD)	SEAL COAT AGGREGATE RATE (LBS/SQ YD)	* 40600290 BITUMINOUS MATERIALS (TACK COAT) (POUND)	** 40300405 POLYMERIZED BITUMINOUS MATERIALS (COVER AND SEAL COAT) (TON)	40300600 SEAL COAT AGGREGATE (TON)
MAINLINE	626+54.00		729+08.75	10,254.75	26.0	287,133.00	29,624.8	0.05	0.35	19.0	14,356.7	44.1	281.4
MAINLINE	732+61.25		760+00.00	2,738.75	26.0	76,685.00	7,911.9	0.05	0.35	19.0	3,834.3	11.8	75.2
MAINLINE	760+00.00		767+60.00	760.00	20.0	16,720.00	1,688.9	0.05	0.35	19.0	836.0	2.5	16.0
MAINLINE	767+60.00		771+70.00	(BK) 410.00	26.0	11,480.00	1,184.4	0.05	0.35	19.0	574.0	1.8	11.3
MAINLINE	774+73.80	(AH)	814+62.29	3,988.49	26.0	111,677.72	11,522.3	0.05	0.35	19.0	5,583.9	17.2	109.5
MAINLINE	814+62.29		816+08.60	(BK) INTERSECTION		12968.82	1381.09142	0.05	0.35	19	648,441	2.1	13.1
MAINLINE	813+97.10	(AH)	815+01.75										
MAINLINE	815+01.75		815+28.10	26.35	32.0	895.90	93.7	0.05	0.35	19.0	44.8	0.1	0.9
MAINLINE	815+28.10		818+97.10	369.00	29.0	11,439.00	1,189.0	0.05	0.35	19.0	572.0	1.8	11.3
MAINLINE	818+97.10		865+61.00	4,663.90	26.0	130,589.20	13,473.5	0.05	0.35	19.0	6,529.5	20.1	128.0
MAINLINE	872+70.70		1030+80.00	15,809.30	27.0	458,469.70	47,427.9	0.05	0.35	19.0	22,923.5	70.6	450.6
LT SHOULDER	716+00.00		723+30.00	730.00	4.5	3,285.00	365.0	0.05	0.35	19.0	164.3	0.5	3.5
RT SHOULDER	716+85.00		719+50.00	265.00	4.5	1,192.50	132.5	0.05	0.35	19.0	59.6	0.2	1.3
LT SHOULDER	740+40.00		752+20.00	1,180.00	4.5	5,310.00	590.0	0.05	0.35	19.0	265.5	0.9	5.6
RT SHOULDER	740+80.00		754+16.00	1,336.00	4.5	6,012.00	668.0	0.05	0.35	19.0	300.6	1.0	6.3
RT SHOULDER	754+16.00		760+00.00	584.00	4.0	2,336.00	259.6	0.05	0.35	19.0	116.8	0.4	2.5
RT SHOULDER	767+60.00		771+70.00	(BK) 410.00	4.0	1,640.00	182.2	0.05	0.35	19.0	82.0	0.3	1.7
RT SHOULDER	774+73.80	(AH)	776+27.00	153.20	4.0	612.80	68.1	0.05	0.35	19.0	30.6	0.1	0.6
RT SHOULDER	1000+39.00		1014+94.00	1,455.00	3.0	4,365.00	485.0	0.05	0.35	19.0	218.3	0.7	4.6
RT SHOULDER	1024+57.00		1030+80.00	623.00	3.0	1,869.00	207.7	0.05	0.35	19.0	93.5	0.3	2.0
MAINLINE SUB-TOTAL											55,902.9	172.0	1,097.2
MAINLINE ROUNDED											55,903.0	173.0	1,098.0
SHOULDERS SUB-TOTAL											1,331.1	4.4	28.1
SHOULDERS ROUNDED											1,332.0	5.0	29.0
GRAND TOTALS											57,235.0	178.0	1,127.0

*INCLUDES 1 FT OF OVERSPRAY ON EACH SIDE OF ROADWAY (MAINLINE ONLY)
 **WEIGHT CONVERSION: 235 GALLONS/TON

A-1 SURFACE TREATMENT SHALL BE GAPPED AT RUMBLE STRIPS IN ADVANCE OF THE
 3-LEGGED INTERSECTION WITH IL 119 AND BISMARCK ROAD

HMA RESURFACING BY RR XING IL 119

LOCATION	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ FT)	AREA (SQ YD)	BITUMINOUS MATERIALS TACK COAT RATE (LBS/SQ FT)	40600290 BITUMINOUS MATERIALS (TACK COAT) (POUND)	44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" (SQ YD)	* 40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (TON)
MAINLINE	865+61.00		869+13.50	352.5	26	9165.00	339.4	0.05	458.3	339.4	28.5
MAINLINE	869+18.20		872+70.70	352.5	27	9517.50	352.5	0.05	475.9	352.5	29.6
MAINLINE SUB-TOTAL									934.1	691.9	58.1
MAINLINE ROUNDED									935.0	692.0	59.0

*WEIGHT CONVERSION: 168 LBS/SQ YD

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USER NAME = piersonbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION (116,149,150)Q	COUNTY **	TOTAL SHEETS 27	SHEET NO. 21
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 3	OF 4	SHEETS	STA.	TO STA.	CONTRACT NO. 70D33		
PLOT DATE = 3/20/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
* 323 & 711 ** EDGAR & VERMILION												

SCHEDULE OF QUANTITIES

PAINT PAVEMENT MARKING - LINE 4" US 36

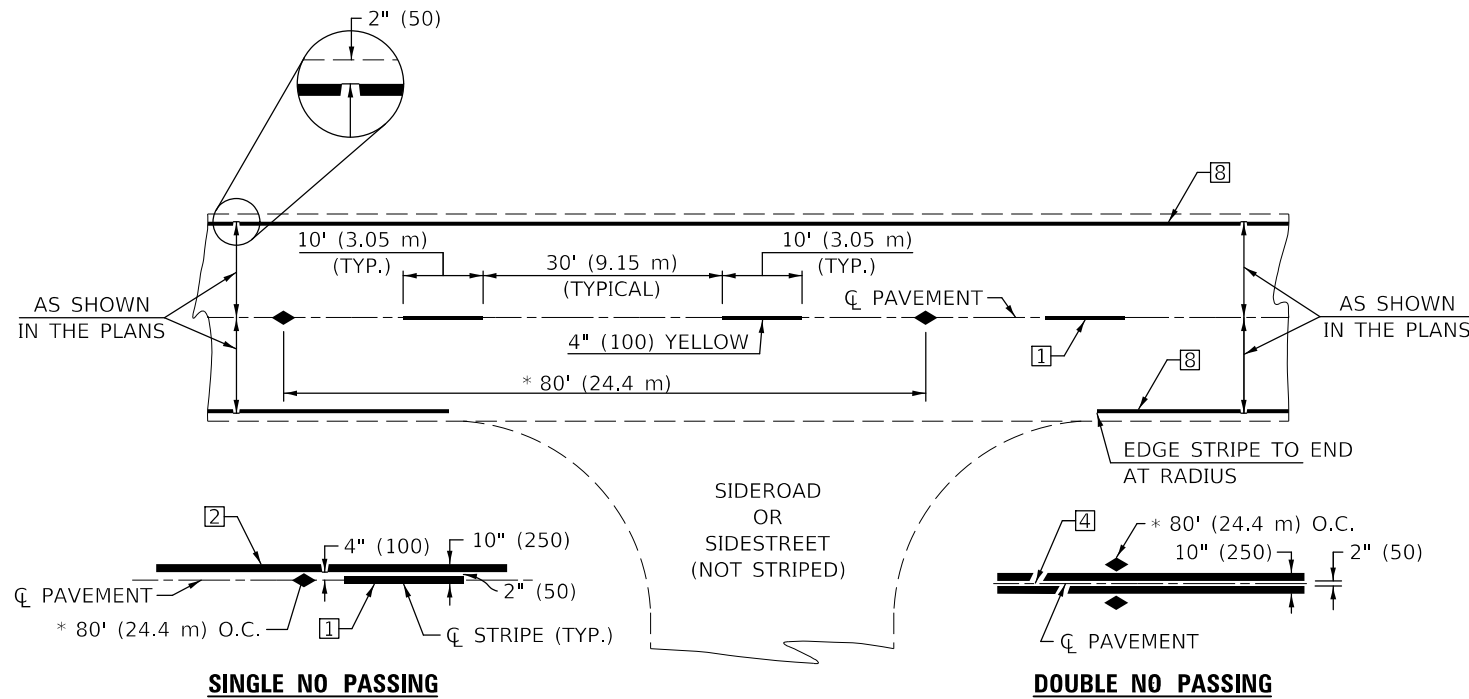
LOCATION	DESCRIPTION	STATION	TO	STATION	LENGTH (FOOT)	NO. OF YELLOW STRIPES	NO. OF WHITE STRIPES	78001110		78100100	78300200
								PAINT PAVEMENT MARKING - LINE 4"		RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
								YELLOW	WHITE	2-W AMBER	
EB	EDGE LINE	1681+95.00		1785+07.3	10,312.35		1		10,312.4		
EB	EDGE LINE	1786+32.63		1944+65.0	15,832.37		1		15,832.4		
EB	EDGE LINE	1945+91.80		2027+66.5	8,174.78		1		8,174.8		
EB	EDGE LINE	2028+59.42		2081+75.8	5,316.45		1		5,316.4		
WB	EDGE LINE	1681+95.00		1785+07.3	10,312.35		1		10,312.4		
WB	EDGE LINE	1786+32.63		1944+65.0	15,832.37		1		15,832.4		
WB	EDGE LINE	1945+91.80		2027+66.5	8,174.78		1		8,174.8		
WB	EDGE LINE	2028+59.42		2081+75.8	5,316.45		1		5,316.4		
EB MEDIAN	PAINTED MEDIA	1681+95.00		1686+35.0	440.00	2		880.0		22.0	22.0
WB MEDIAN	PAINTED MEDIA	1681+95.00		1686+35.0	440.00	2		880.0		22.0	22.0
CENTER	SKIP-DASH	1685+35.00		1686+70.0	135.00	0.25		33.8		1.0	1.0
CENTER	W.B. NO PASS	1686+70.00		1689+35.0	265.00	1.25		331.3		4.0	4.0
CENTER	SKIP-DASH	1689+35.00		1784+60.0	9,525.00	0.25		2,381.3		30.0	30.0
CENTER	E.B. NO PASS	1784+60.00		1785+07.3	47.35	1.25		59.2		1.0	1.0
CENTER	E.B. NO PASS	1786+32.63		1797+90.0	1,157.37	1.25		1,446.7		18.0	18.0
CENTER	DBL NO PASS	1797+90.00		1802+20.0	430.00	2		860.0		22.0	22.0
CENTER	E.B. NO PASS	1802+20.00		1810+50.0	830.00	1.25		1,037.5		13.0	13.0
CENTER	SKIP-DASH	1810+50.00		1920+00.0	10,950.00	0.25		2,737.5		34.0	34.0
CENTER	E.B. NO PASS	1920+00.00		1926+60.0	660.00	1.25		825.0		10.0	10.0
CENTER	SKIP-DASH	1926+60.00		1929+32.0	272.00	0.25		68.0		1.0	1.0
CENTER	W.B. NO PASS	1929+32.00		1936+85.0	753.00	1.25		941.3		12.0	12.0
CENTER	SKIP-DASH	1936+85.00		1944+65.0	780.00	0.25		195.0		2.0	2.0
CENTER	SKIP-DASH	1945+91.80		2027+66.5	8,174.78	0.25		2,043.7		26.0	26.0
CENTER	SKIP-DASH	2028+59.42		2081+75.8	5,316.45	0.25		1,329.1		17.0	17.0
SUB-TOTALS								16,049.2	79,271.9	192.0	192.0
GRAND TOTAL								95,321.1		192.0	192.0
ROUNDED								95,322.0		192.0	192.0

PAINT PAVEMENT MARKING - LINE 12" US 36

LOCATION	DESCRIPTION	STATION	TO	STATION	78001150	
					PAINT PAVEMENT MARKING - LINE 12"	
					YELLOW	WHITE
EB	PAINTED SHOULDE	1681+95.00		1684+30.00		58.0
WB	PAINTED SHOULDE	1681+95.00		1684+30.00		58.0
CENTER	PAINTED MEDIAN	1681+95.00		1686+35.00	210.0	
SUB-TOTALS					210.0	116.0
GRAND TOTAL					326.0	
ROUNDED					326.0	

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USER NAME = piersonbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		*	(116,149,150)Q	**	27	22				
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.				CONTRACT NO. 70D33				
PLOT DATE = 3/20/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

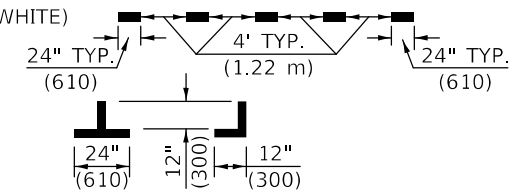
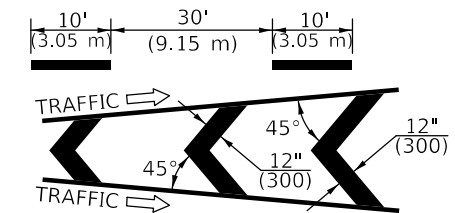
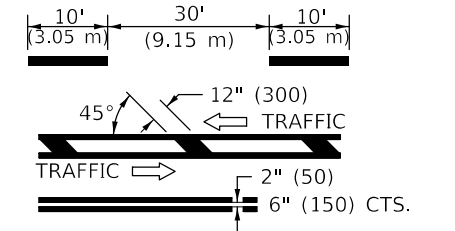
TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

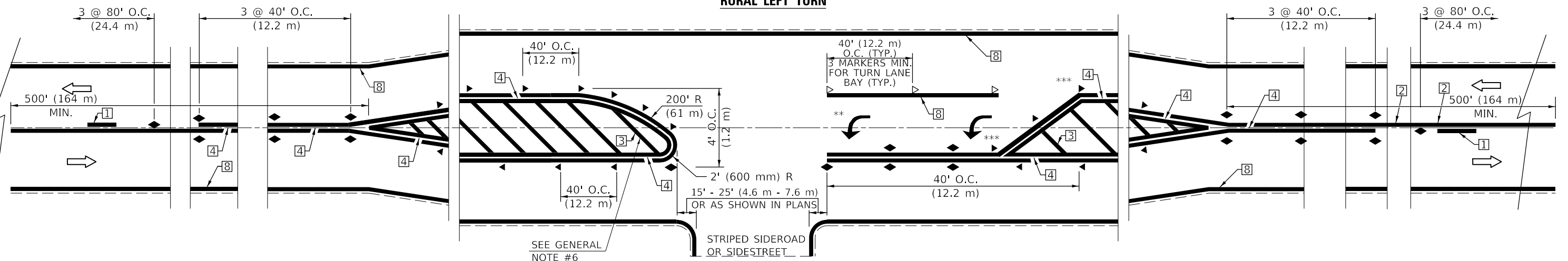
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

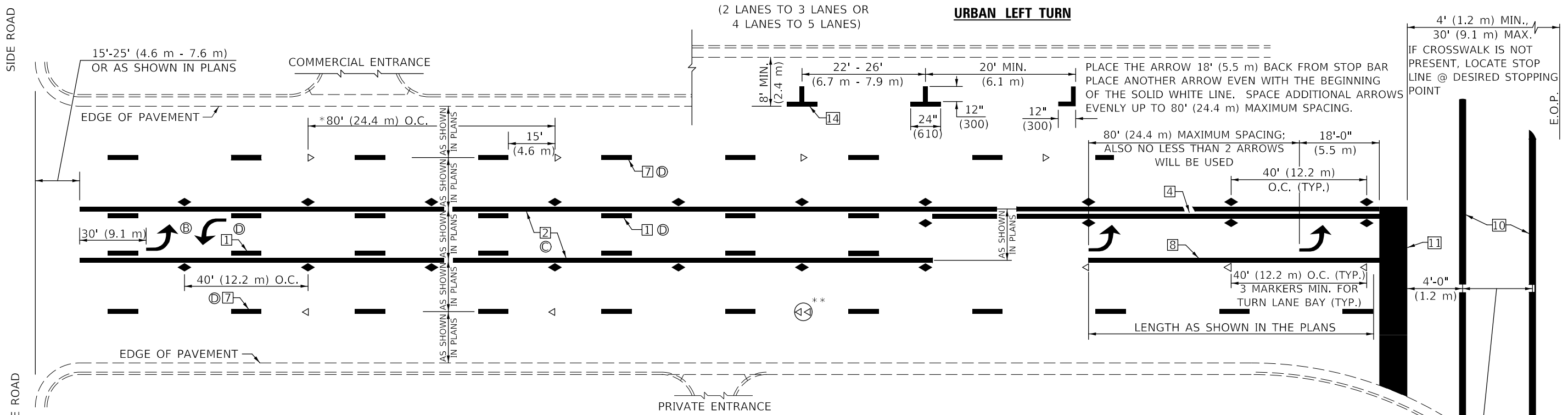
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PLOT DATE = 3/20/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

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

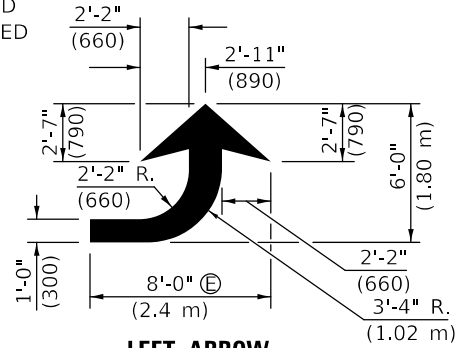
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	24
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				



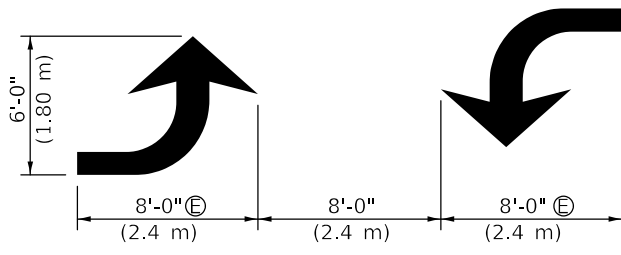
* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
 ** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

GENERAL NOTES:

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS ② SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS ① OR ⑦ SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

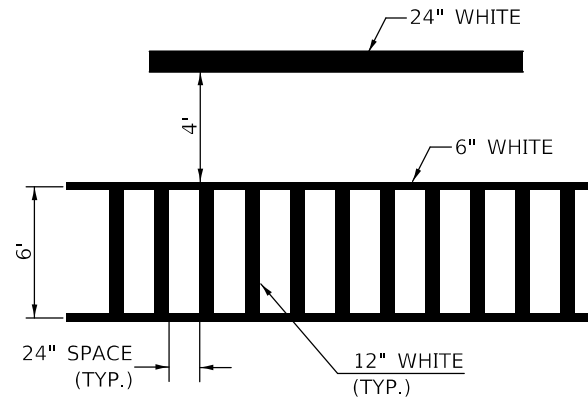


LEFT ARROW
 REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m²) (WHITE)

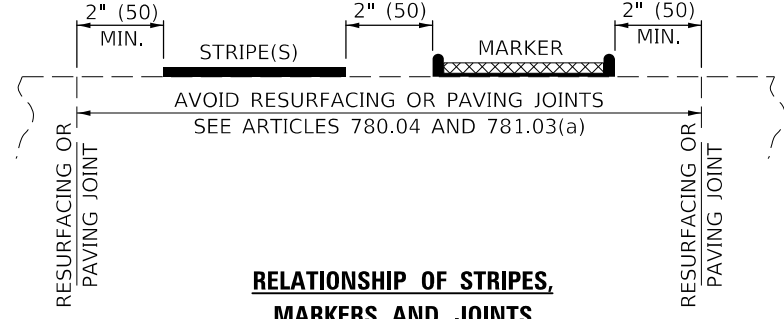


TYPICAL DOUBLE TURN ARROWS (WHITE)

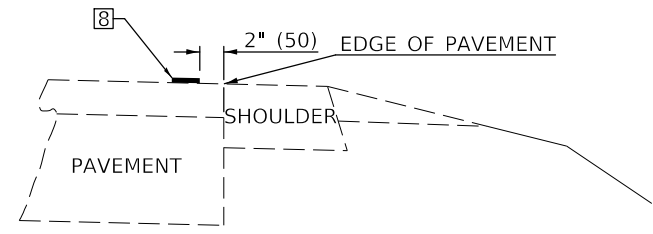
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
 (SAFETY SHOULDER OR PAVED SURFACE)
 SEE ARTICLE 780.04

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

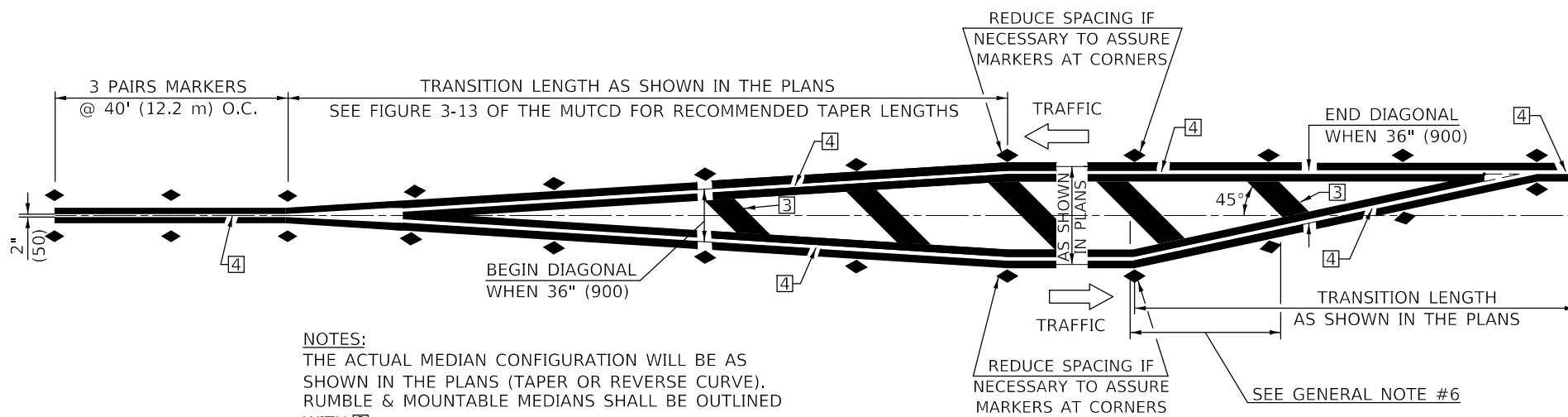
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	DRAWN -	REVISED - 9/2009 KJT
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PLOT DATE = 3/20/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	25
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

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

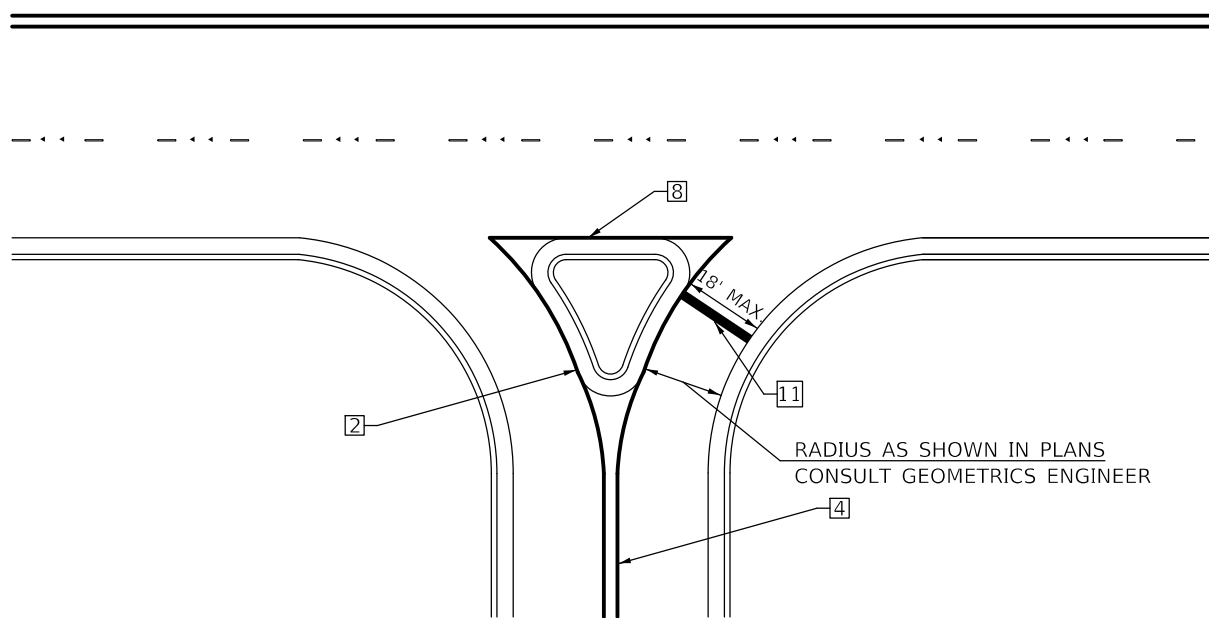


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

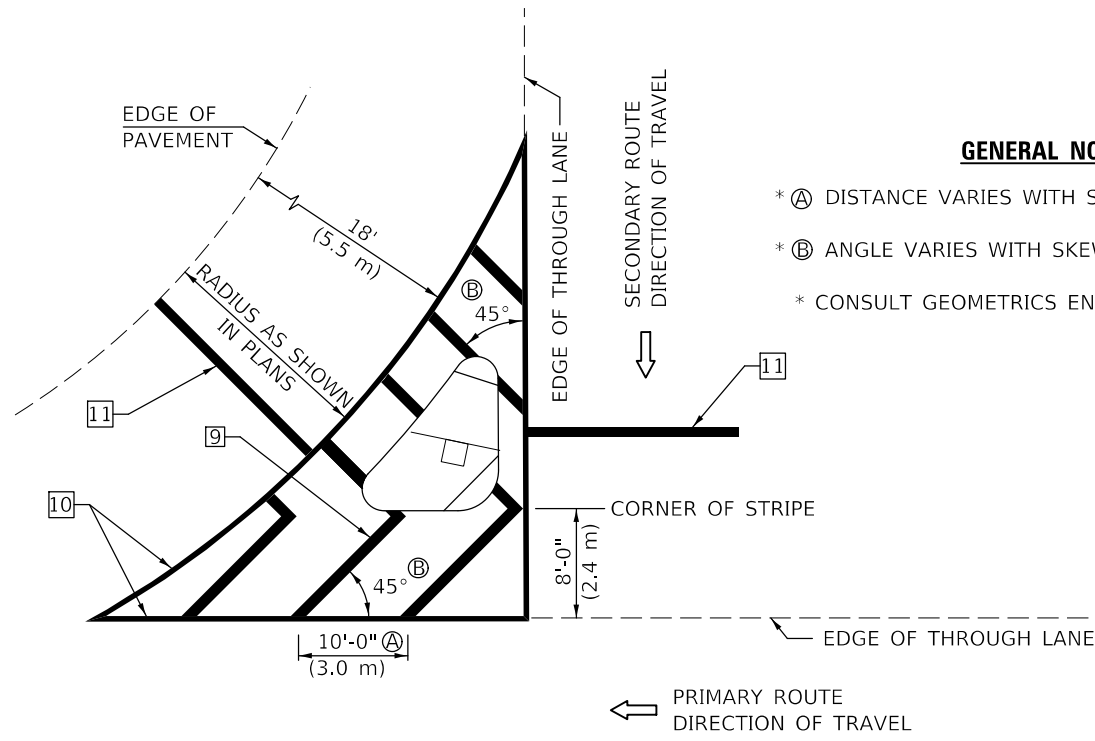
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 <30 MPH USE 15' (<50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 >45 MPH USE 30' (>75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

- * A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- * B ANGLE VARIES WITH SKEW OF INTERSECTION.
- * CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

MODEL: \\MODEL\NAME: FILE: \\NAME: \\PUB\ADMIN\COMMON\DATA\ILLINOIS\DOT\OFFICES\DETAILS\PROJECTS\70D33\CADD\DATA\CAD\DETAILS\70D33-STR-DETAILS.dgn

USER NAME = piersonbr	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 3/20/2019	DATE -	REVISED -

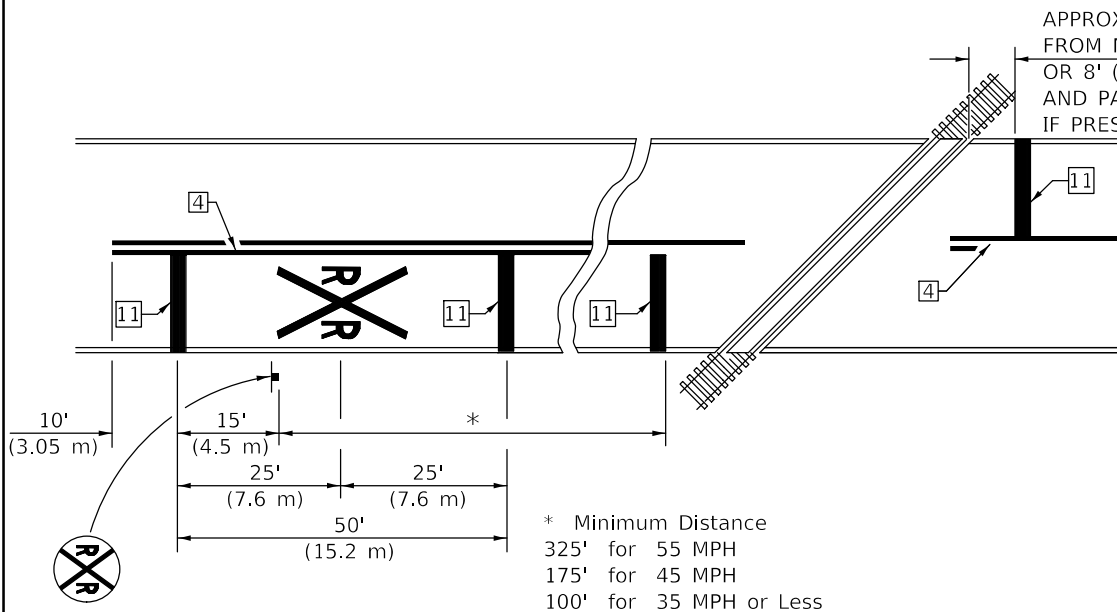
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

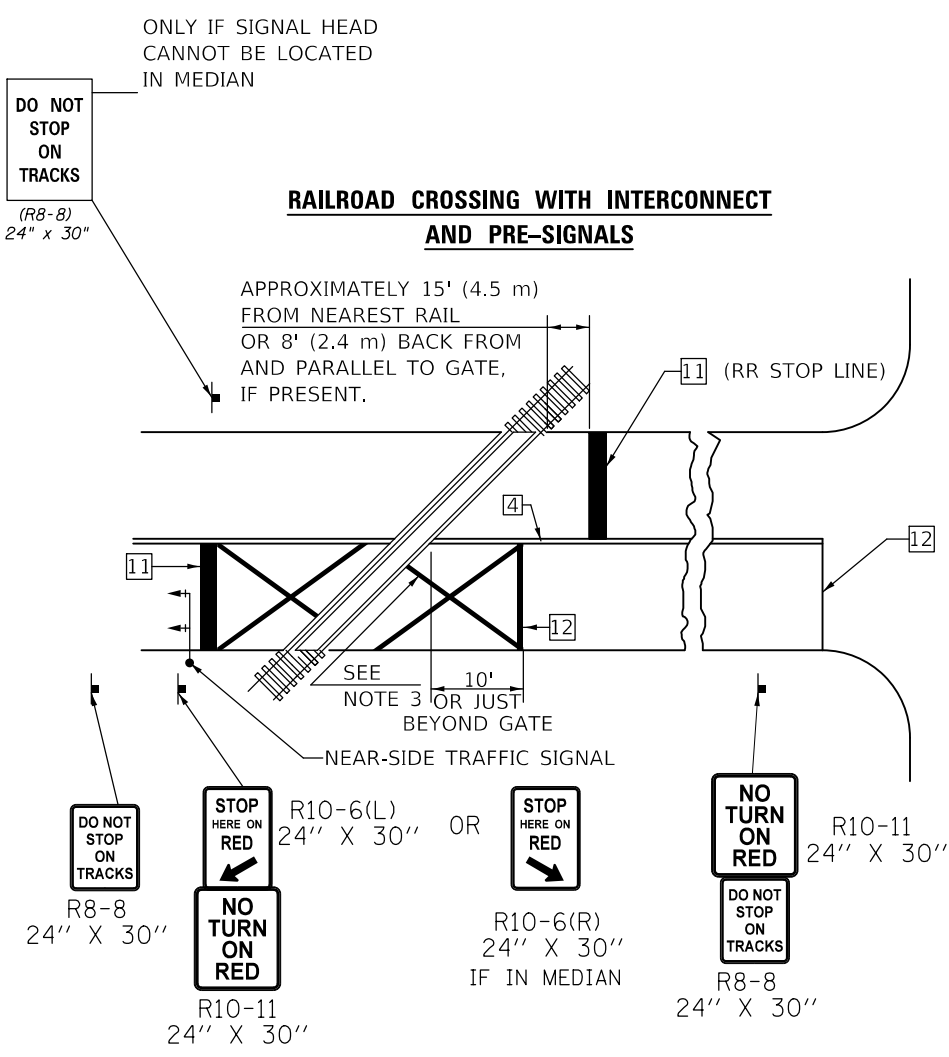
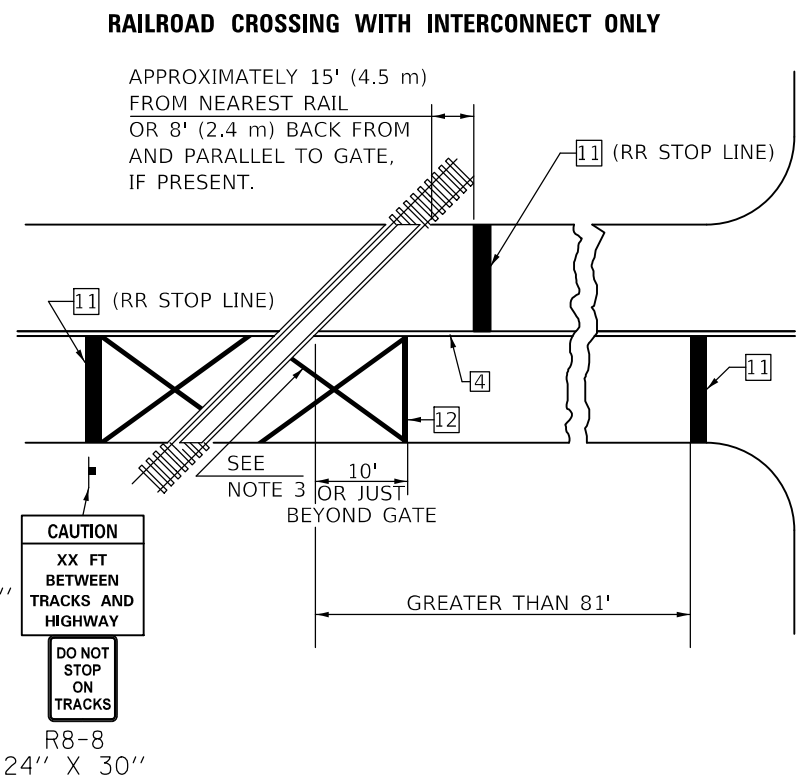
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	26
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				

DESIGNER NOTE: SEE TABLE 2C-4 OF THE MUTCD FOR ADDITIONAL INFORMATION



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

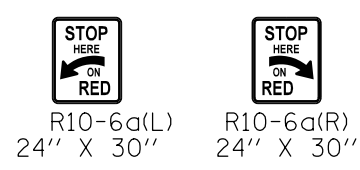


GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
4. XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
5. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

ALTERNATE SIGNS



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

MODEL: I:\MODEL\MARTE... FILE: MARTE... PROJECT: 0570033\CAD\DATA\CAD\INCHES\0570033-5-11-2019.dwg

USER NAME = piersonbr	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 3/20/2019	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)			
SCALE:	SHEET 1 OF 4 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(116,149,150)Q	**	27	27
CONTRACT NO. 70D33				
ILLINOIS FED. AID PROJECT				