

064

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	109,110RS-3		48	1
CONTRACT NO. 68F23			FULTON & SCHUYLER	

D-94-013-20

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY STANDARDS:

- 442201-03
- 630001-12
- 630101-10
- 630106-02
- 630301-09
- 631006-08
- 631011-10
- 631032-09
- 701001-02
- 701006-05
- 701301-04
- 701306-04
- 701311-03
- 701326-04
- 701336-07
- 701901-08
- 725001-01
- 780001-05
- 781001-04
- 782006-01

PROPOSED HIGHWAY PLANS

FAP ROUTE 612 (IL 100)
SECTION (109,110)RS-3
PROJECT STP-CDSH(176)
FULTON & SCHUYLER COUNTIES

C-94-020-20

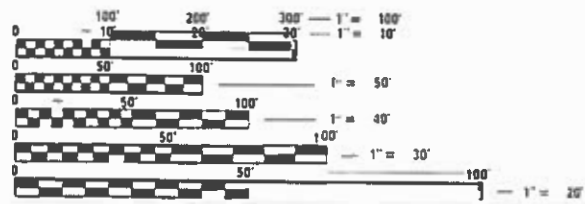


PROJECT DESCRIPTION: THE PROJECT CONSISTS OF PAVEMENT PATCHING, COLD IN-PLACE RECYCLING, MILLING, RESURFACING, AND GUARDRAIL INSTALLATION.

ADT = 650 (2017)
MU% = 9.3
SU% = 21.7

OMISSIONS:

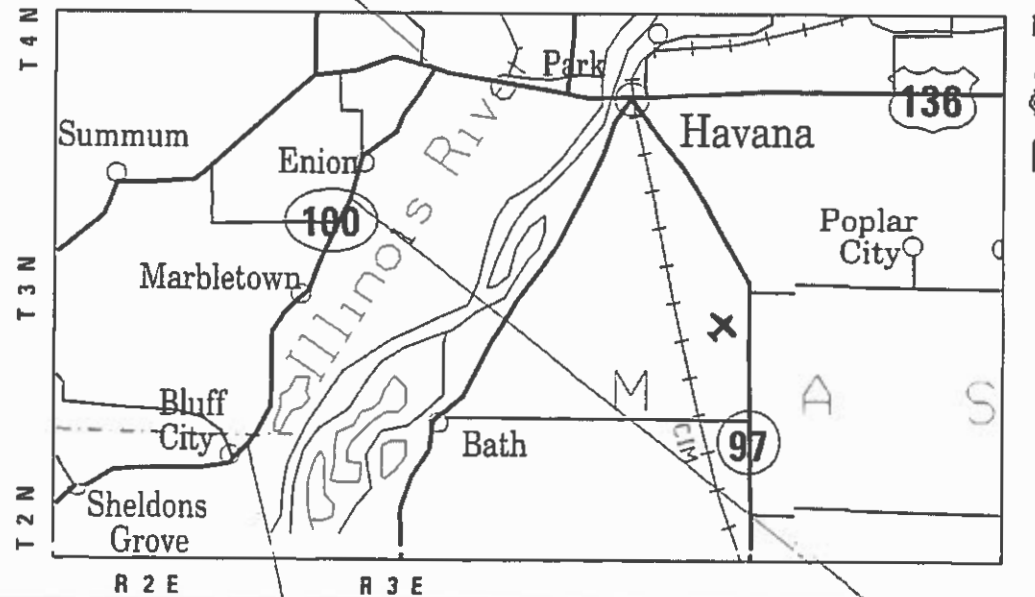
- STA. 966 + 97 TO STA. 967 + 54 KERTON CREEK
- STA. 1122 + 94 TO STA. 1123 + 65 SEAHORNE BRANCH
- STA. 1161 + 88 TO STA. 1164 + 62 OTTER CREEK



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 EXCAVATORS
1-800-892-0123
OR 811

IMPROVEMENT ENDS
STA. 1320 + 56



IMPROVEMENT BEGINS
STA. 759 + 40

STATION EQUATION
STA. 1119 + 76.80 (BK) =
STA. 1120 + 15.20 (AH)

PROJECT ENGINEER: ARMARIS AYALA-DIAZ (309)671-3473
PROJECT MANAGER: RICHARD DOTSON (309)671-3455

CATALOG NO. 035852-00D
CONTRACT NO. 68F23

GROSS LENGTH = 56077.60 FT. = 10.621 MILE
NET LENGTH = 55675.60 FT. = 10.545 MILE

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 13 2019
Kenneth A. Barnette
REGIONAL ENGINEER

Jan 31 2020
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 31 2020
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

INDEX OF SHEETS

- 1. COVER SHEET
- 2-3. GENERAL NOTES AND PROJECT SPECIFIC NOTES
- 4-8. SUMMARY OF QUANTITIES
- 9-15. SCHEDULES OF QUANTITIES
- 16-17. EXISTING TYPICAL SECTIONS
- 18-19. PROPOSED TYPICAL SECTIONS
- 20. LINE DIAGRAM
- 21. STAGING DETAILS
- 22-25. GUARDRAIL DETAILS
- 26-27. MILLING AND PAVING DETAILS
- 28. MILLING TRANSITION DETAIL
- 29-32. ENTRANCE DETAILS
- 33. SIDEROAD DETAIL
- 34-45. DISTRICT CADD STANDARDS

GENERAL NOTES

COMMITMENTS

No commitments have been made on this project.

PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

TREE REMOVAL

The District Four Tree Committee should be contacted and prior approval obtained for any tree removal beyond the limits/locations included in the plans.

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 (Cultural and Natural Resources Review of Borrow Areas)
- * 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 environmental clearances and six weeks for the required borrow site environmental clearances.

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.

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•FULTON & SCHUYLER

USER NAME = diazaa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND PROJECT SPECIFIC NOTES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -				612	(109,110)RS-3	*	45	2	
PLOT SCALE = 9.6000' / in.	CHECKED -	REVISED -		SCALE:		SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
PLOT DATE = 12/13/2019	DATE -	REVISED -								CONTRACT NO. 68F23	

GENERAL NOTES (CONT.)

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20 mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval – 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers – 6 inches (150 mm) from the inside edge of the pavement marking

Location:

- 2, 3, & 5 Lane Pavements – right edge of pavement in direction of increasing stations
- Multi-Lane Divided Roadways – outside edge of pavement in both directions
- Ramps – along baseline edge of pavement

Position – stations shall be placed so they can be read from the adjacent shoulder

Format – English (Metric) pavement stations shall use this format "XXX (XX + X00)", where X represents the pavement station

This work will not be paid for separately, but will be included in the cost of the associated pavement and/or overlay pay items.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Surface Course 1.5"	Base Course and Class D Patches	Incidental Surface
AC/PC:	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ N = 50	4.0% @ N = 50	4.0% @ N = 50
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 19.0	IL 9.5
Friction Aggregate:	Mix D	N.A.	Mix C
Quality Management:	PFM	QCQA	QCQA

Notes:

- 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.
- 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 PFM and QCP mixes will be 1,000 tons, unless otherwise agreed to by the Engineer and the paving Contractor.

BUTT JOINT CUTTING TIME RESTRICTION

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

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.

NO PASSING ZONE VERIFICATION

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

PROJECT SPECIFIC NOTES:

The proposed guardrail shall be installed within 7 calendar days after existing guardrail removal.

Any existing mailbox locations requiring temporary or permanent relocation due to guardrail installation shall be adjusted as directed by the engineer and will be paid for in accordance with Article 109.04 of the Standard Specifications.

There is existing strip reflective crack control in the existing HMA overlay to be recycled.

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•FULTON & SCHUYLER

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	DRAWN -	REVISED -
PLOT SCALE = 9.6000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND PROJECT SPECIFIC NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	3
			CONTRACT NO. 68F23	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				SCHUYLER CO.	FULTON CO.
				80/20	80/20
				(FED./STATE)	(FED./STATE)
				ROADWAY	ROADWAY
				0005	0005
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	33		33
20200100	EARTH EXCAVATION	CU YD	122	11	111
21400100	GRADING AND SHAPING DITCHES	FOOT	692		692
25000750	MOWING	ACRE	39	2	37
28100201	STONE RIPRAP, CLASS A1	TON	2		2
28100207	STONE RIPRAP, CLASS A4	TON	14		14
28100225	STONE RIPRAP, CLASS B3	TON	49	8	41
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	90		90
28100825	STONE DUMPED RIPRAP, CLASS B3	TON	159		159
35501300	HOT - MIX ASPHALT BASE COURSE, 4"	SQ YD	1104	143	961
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	72	9	63
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	104877	6605	98272
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3540	148	3392
40600990	TEMPORARY RAMP	SQ YD	376	12	364

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	4
			CONTRACT NO. 68F23	
ILLINOIS FED. AID PROJECT				

•FULTON & SCHUYLER

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				SCHUYLER CO.	FULTON CO.
				80/20	80/20
				(FED./STATE)	(FED./STATE)
				ROADWAY	ROADWAY
0005	0005				
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	11841	741	11100
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	393	30	363
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	9339		9339
44000400	GUTTER REMOVAL	FOOT	380		380
44004250	PAVED SHOULDER REMOVAL	SQ YD	509	53	456
44201811	CLASS D PATCHES, TYPE I, 14 INCH	SQ YD	15		15
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	308		308
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	684	77	607
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	3982	133	3849
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3960	225	3735
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	4825		4825
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	25		25
* 63100041	TRAFFIC BARRIER TERMINAL, TYPE 1B	EACH	3		3
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3		3

*= SPECIALTY ITEM

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SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F23	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				SCHUYLER CO.	FULTON CO.
				80/20	80/20
				(FED./STATE)	(FED./STATE)
				ROADWAY	ROADWAY
				0005	0005
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	8		8
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	24		24
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	14		14
63200310	GUARDRAIL REMOVAL	FOOT	6871		6871
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4		4
67100100	MOBILIZATION	L SUM	1		1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1		1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	4		4
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	10		10
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	17951	1058	16893
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	1936	117	1819
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	38		38

*= SPECIALTY ITEM

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**STATE OF ILLINOIS
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SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	6
			CONTRACT NO. 68F23	
ILLINOIS FED. AID PROJECT				

*FULTON & SCHUYLER

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				SCHUYLER CO.	FULTON CO.
				80/20	80/20
				(FED./STATE)	(FED./STATE)
				ROADWAY	ROADWAY
				0005	0005
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	164533	7942	156591
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	22		22
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	712	44	668
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	132		132
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	712	44	668
X4200001	CIR-FDR EMULSIFIED ASPHALT	GALLON	231335	14480	216855
X4200002	COLD IN-PLACE RECYCLING, 4.0"	SQ YD	137699	8619	129080
X4400196	HOT - MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	3130	196	2934
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	138311	8619	129692
X5420624	PIPE CULVERTS TO BE CLEANED 24"	FOOT	110		110
X6062700	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	380		380
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1		1
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	107		107
Z0005300	BOX CULVERTS TO BE CLEANED	EACH	24		24

*= SPECIALTY ITEM

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	7
			CONTRACT NO. 68F23	
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

STA. TO STA.	NOTES	AREA	40600982	40600990	X4200001	X4200002	X4401198	44000155	X4400196	40604060	40600295	Z0034105	48102100	40800050	44004250	35501300	20200100	40200800
			HMA SURFACE REMOVAL- BUTT JOINTS	TEMPORARY RAMP	CIR-FDR EMULSIFIED ASPHALT	COLD IN-PLACE RECYCLING, 4.0"	HMA SURFACE REMOVAL, VARIABLE DEPTH	HMA SURFACE REMOVAL, 1 1/2"	HMA SURFACE REMOVAL, SPECIAL	HMA SURFACE COURSE, IL-9.5, MIX "D", N50	POLYMERIZED BITUMINOUS MATERIAL (TACK COAT)	MATERIAL TRANSFER DEVICE	AGGREGATE WEDGE SHOULDER, TYPE B	INCIDENTAL HMA SURFACING	PAVED SHOULDER REMOVAL	HMA BASE COURSE, 4"	EARTH EXCAVATION	AGGREGATE SURFACE COURSE, TYPE B
			SQ. YD.	SQ. YD.	SQ. YD.	GALLONS	SQ. YD.	SQ. YD.	SQ. YD.	TON	POUND	TON	TON	TON	SQ YD	SQ YDS	CU YDS	TON
SCHUYLER COUNTY																		
759+40.00 - 794+66.00		8619.11	73.33	12.22	14480.11	8619.11	8619.11			724.01	6205.76	724.01	224.88					
CL JOINT TRIMMING			195.89						195.89	16.45	141.04	16.45						
ENTRANCES, MB TURNOUTS AND SIDEROADS SUBTOTALS FROM SHEET 12				74.67							258.23			30.13	52.66	143.32	10.44	8.92
FULTON COUNTY																		
794+66.00 - 966+97.00		42120.22	73.33	12.22	70761.97	42120.22	42120.22			3538.10	30326.56	3538.10	1098.95					
966+97.00 - 967+54.00	OMISSION-KERTON CREEK																	
967+54.00 - 1119+76.80		37211.29	73.33	12.22	62514.97	37211.29	37211.29			3125.75	26792.13	3125.75	970.88					
1119+76.80 - 1120+15.20	STA. EQN.																	
1120+15.20 - 1122+94.00		681.51	73.33	12.22	1144.94	681.51	681.51			57.25	490.69	57.25	17.78					
1122+94.00 - 1123+65.00	OMISSION-SEAHORNE BRANCH																	
1123+65.00 - 1161+88.00		9345.11	146.67	24.44	15699.79	9345.11	9345.11			784.99	6728.48	784.99	243.82					
1161+88.00 - 1164+62.00	OMISSION-OTTER CREEK																	
1164+62.00 - 1226+65.00		15162.89	73.33	12.22	25473.65	15162.89	15162.89			1273.68	10917.28	1273.68	395.61					
1226+65.00 - 1227+15.00	MILLING TRANSITION	122.22			205.33	122.22	244.44			10.27	88.00	10.27	3.19					
1227+15.00 - 1239+06.00	GUTTER AREA	2911.33			4891.04	2911.33	2911.33	2911.33		244.55	2096.16	244.55						
1239+06.00 - 1239+56.00	MILLING TRANSITION	122.22			205.33	122.22	244.44			10.27	88.00	10.27	3.19					
1239+56.00 - 1285+34.00		11190.67			18800.32	11190.67	11190.67			940.02	8057.28	940.02	291.97					
1285+34.00 - 1285+84.00	MILLING TRANSITION	122.22			205.33	122.22	244.44			10.27	88.00	10.27	3.19					
1285+84.00 - 1296+77.00	GUTTER AREA	2671.78			4488.59	2671.78	2671.78	2671.78		224.43	1923.68	224.43	34.85					
1296+77.00 - 1297+27.00	MILLING TRANSITION	122.22			205.33	122.22	244.44			10.27	88.00	10.27	3.19					
1297+27.00 - 1310+36.00		3199.78			5375.63	3199.78	3199.78			268.78	2303.84	268.78	83.49					
1310+36.00 - 1310+86.00	MILLING TRANSITION	122.22			205.33	122.22	244.44			10.27	88.00	10.27	3.19					
1310+86.00 - 1314+00.00	GUTTER AREA	767.56			1289.49	767.56	767.56	767.56		64.47	552.64	64.47	10.01					
1314+00.00 - 1319+80.00	WB LEG/GUTTER (10' BUTT JOINT)	1417.78	100.00	36.67	2381.87	1417.78	1417.78	1317.78		119.09	1020.80	119.09	18.50					
1314+00.00 - 1321+32.00	EB LEG/GUTTER (10' BUTT JOINT)	1789.33	166.67	52.78	3006.08	1789.33	1789.33	1622.67		150.30	1288.32	150.30	23.34					
CL JOINT TRIMMING			2933.64						2933.64	246.43	2112.22	246.43						
WB LEG-GORE			130.79	83.33				47.45		10.99	94.17	10.99						
ENTRANCES, MB TURNOUTS AND SIDEROADS SUBTOTALS FROM SHEET 12				2602.02	200.56						3127.67			363.03	456.39	960.41	59.17	63.09
GUADRAIL SCHEDULE SUBTOTAL FROM SHEET 13												530.25					52.02	
SCHUYLER TOTAL=			148	12	14480	8619	8619	0	196	741	6605	741	225	30	53	143	11	9
FULTON TOTAL=			3392	364	216855	129080	129692	9339	2934	11100	98272	11100	3735	363	456	961	111	63
GRAND TOTAL=			3540	376	231335	137699	138311	9339	3130	11841	104877	11841	3960	393	509	1104	122	72

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	DRAWN -	REVISED -
PLOT SCALE = 9.6000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	9
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

ENTRANCES, MAILBOX TURNOUTS AND SIDEROADS SCHEDULE

STA.	NOTES:	AREA	40600982	40600990	40600295.00	40800050	44004250	35501300	20200100	40200800
			HMA SURFACE REMOVAL- BUTT JOINTS	TEMPORARY RAMP	POLYMERIZED BITUMINOUS MATERIAL (TACK COAT)	INCIDENTAL HMA SURFACING	PAVED SHOULDER REMOVAL	HMA BASE COURSE, 4"	EARTH EXCAVATION	AGGREGATE SURFACE COURSE, TYPE B
			SQ. YD.	SQ. YD.	POUND	TON	SQ. YD.	SQ. YD.	CU YDS	TON
SCHUYLER COUNTY ENTRANCES										
763+90.00	LT	PE EX HMA	24.89	24.89	17.92	2.09				
773+42.00	RT	PE EX HMA	24.89	24.89	17.92	2.09				
774+69.00	RT	CE EX HMA - AGG	11.67		8.40	0.98				0.61
775+75.00	RT	CE EX HMA - AGG (SHLDR)	76.67		55.20	6.44				4.37
776+94.00	RT	CE EX HMA - AGG	11.67		8.40	0.98				0.61
779+85.00	LT	FE EX AGG	8.89							0.76
781+16.00	RT	PE EX HMA	24.89	24.89	17.92	2.09				
781+59.00	LT	FE EX AGG - BACK JUST AGG	8.89							0.76
785+82.00	RT	PE EX HMA - AGG	11.67		8.40	0.98				0.61
787+91.00	LT	PE EX AGG / NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
791+63.00	LT	PE EX HMA-AGG & CONC	29.00		20.88	2.44				0.61
SCHUYLER COUNTY MAILBOX TURNOUTS										
763+80.00	LT	MB EX AGG - NEW HMA (1/2)	13.17		9.48	1.11		13.17	1.46	
772+30.00	RT	MB EX HMA	26.33		18.96	2.21	17.55	26.33	1.10	
781+16.00	RT	MB EX AGG - NEW HMA (1/2)	13.17		9.48	1.11		13.17	1.46	
783+00.00	RT	MB EX AGG - NEW HMA	26.33		18.96	2.21		26.33	2.93	
788+50.00	RT	MB EX HMA	26.33		18.96	2.21	17.55	26.33	1.10	
791+62.00	RT	MB EX HMA	26.33		18.96	2.21	17.55	26.33	1.10	
FULTON COUNTY ENTRANCES										
795+94.00	RT	FE EX HMA - AGG	11.67		8.40	0.98				0.61
796+77.00	LT	FE EX AGG - BACK JUST AGG	8.89							0.76
808+64.00	RT	FE EX HMA - AGG	11.67		8.40	0.98				0.61
838+22.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
839+20.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
840+26.00	LT	PE EX HMA - AGG	11.67		8.40	0.98				0.61
840+94.00	LT	PE EX HMA - AGG	11.67		8.40	0.98				0.61
842+23.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
845+00.00	LT	PE EX HMA - AGG	11.67		8.40	0.98				0.61
847+33.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
868+05.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
873+05.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
874+00.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
875+70.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
876+82.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
880+56.00	LT	FE EX AGG - BACK JUST AGG	8.89							0.76
887+59.00	LT	FE EX HMA - AGG	11.67		8.40	0.98				0.61
889+09.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
889+49.00	LT	PE EX AGG - NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
889+70.00	RT	CE EX HMA - AGG (SHLDR)	73.33		52.80	6.16				4.18
891+03.00	LT	FE EX AGG - BACK JUST AGG	8.89							0.76
891+20.00	RT	CE EX HMA - AGG	54.33		39.12	4.56				2.16
901+72.00	LT	FE EX HMA - AGG	11.67		8.40	0.98				0.61
910+00.00	RT	FE - MOVE FOR GUARD- NEW HMA	11.67		8.40	0.98		11.67	1.30	0.61
910+47.00	LT	FE EX HMA - AGG	11.67		8.40	0.98				0.61
911+70.00	RT	FE EX AGG - BACK JUST AGG (RAD GUARD)								0.76
912+48.00	LT	PE EX HMA	24.89	24.89	17.92	2.09				
914+32.00	LT	PE EX HMA	24.89	24.89	17.92	2.09				
922+56.00	LT	PE EX HMA - AGG	11.67		8.40	0.98				0.61
925+83.00	LT	FE EX HMA - AGG	11.67		8.40	0.98				0.61
925+83.00	RT	FE EX HMA - AGG	11.67		8.40	0.98				0.61
927+75.00	LT	FE EX HMA - AGG	11.67		8.40	0.98				0.61

NOTE: SCHEDULE CONTINUES ON SHEET 11

•FULTON & SCHUYLER

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	DRAWN -	REVISED -
PLOT SCALE = 9.6000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	10
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

ENTRANCES, MAILBOX TURNOUTS AND SIDEROADS SCHEDULE											
STA.		NOTES:	AREA	40600982	40600990	40600295.00	40800050	44004250	35501300	20200100	40200800
				HMA SURFACE REMOVAL- BUTT JOINTS	TEMPORARY RAMP	POLYMERIZED BITUMINOUS MATERIAL (TACK COAT)	INCIDENTAL HMA SURFACING	PAVED SHOULDER REMOVAL	HMA BASE COURSE, 4"	EARTH EXCAVATION	AGGREGATE SURFACE COURSE, TYPE B
			SQ YD.	SQ. YD.	SQ. YD.	POUND	TON	SQ. YD.	SQ. YD.	CU YDS	TON
927+75.00	RT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
943+88.00	LT	PE EX HMA - AGG	11.67			8.40	0.98				0.61
951+00.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
959+84.00	LT	PE EX HMA - AGG	23.33			16.80	1.96				1.21
959+84.00	RT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
964+19.00	RT	FE EX AGG - BACK JUST AGG	8.89								0.76
968+00.00	RT	FE EX HMA	24.89	24.89		17.92	2.09				
974+90.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
989+19.00	RT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
991+75.00	LT	PE HMA - AGG (X2)	23.33			16.80	1.96				1.21
1000+76.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1003+49.00	LT	FE EX AGG - BACK JUST AGG	8.89								0.76
116+85.00	LT	FE EX AGG - BACK JUST AGG	8.89								0.76
1023+72.00	LT	FE EX AGG - BACK JUST AGG	8.89								0.76
1026+42.00	LT	PE EX AGG - NEW HMA	11.67			8.40	0.98		11.67	1.30	0.61
1026+42.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1034+80.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1041+77.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1042+40.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1055+00.00	RT	NEAR GUARDRAIL (SHLDR)	83.33			60.00	7.00				4.75
1056+66.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1059+30.00	RT	PE EX HMA - AGG	11.67			8.40	0.98				0.61
1060+60.00	RT	CE BIG HMA THEN AGG	35.00			25.20	2.94				1.82
1061+40.00	LT	PE EX AGG - NEW HMA (X2)	23.33			16.80	1.96		23.33	2.59	1.21
1064+90.00	LT	FE EX AGG - BACK JUST AGG	13.33								1.14
1064+91.00	LT	FE EX AGG - BACK JUST AGG	13.33			9.60					1.14
1084+30.00	LT	PE EX AGG - NEW HMA	11.67			8.40	0.98		11.67	1.30	0.61
1095+05.00	LT	FE EX AGG - BACK JUST AGG	8.89			6.40					0.76
1096+18.00	LT	PE EX AGG - NEW HMA	11.67			8.40	0.98		11.67	1.30	0.61
1104+51.00	RT	FE EX AGG - BACK JUST AGG	8.89								0.76
1106+29.00	RT	CE EX HMA	39.00	39.00		28.08	3.28				
1112+15.00	LT	PE EX AGG - NEW HMA	11.67			8.40	0.98		11.67	1.30	0.61
1118+00.00	LT	PE EX HMA	18.00	18.00		12.96	1.51				
1120+49.00	RT	FE EX AGG - BACK JUST AGG	13.33								1.14
1145+30.00	RT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1159+00.00	RT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1159+00.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1169+25.00	RT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1170+50.00	RT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1171+00.00	RT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1121+28.00	RT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1121+92.00	LT	FE EX AGG - BACK JUST AGG	13.33								0.76
1212+52.00	RT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1213+00.00	LT	FE EX AGG - BACK JUST AGG	13.33								0.76
1221+46.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1279+58.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1283+69.00	LT	FE EX HMA - AGG	11.67			8.40	0.98				0.61
1291+11.00	LT	PE EX HMA - AGG	23.33			16.80	1.96				1.21
1294+30.00	LT	PE EX HMA - AGG (X2)	23.33			16.80	1.96				1.21

NOTE: SCHEDULE CONTINUES ON SHEET 12

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USER NAME = diazaa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 9.6000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	11
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

*FULTON & SCHUYLER

ENTRANCES, MAILBOX TURNOUTS AND SIDEROADS SCHEDULE											
STA.	NOTES:	AREA	40600982	40600990	40600295.00	40800050	44004250	35501300	20200100	40200800	
			HMA SURFACE REMOVAL- BUTT JOINTS	TEMPORARY RAMP	POLYMERIZED BITUMINOUS MATERIAL (TACK COAT)	INCIDENTAL HMA SURFACING	PAVED SHOULDER REMOVAL	HMA BASE COURSE, 4"	EARTH EXCAVATION	AGGREGATE SURFACE COURSE, TYPE B	
		SQ. YD.	SQ. YD.	SQ. YD.	POUND	TON	SQ. YD.	SQ. YD.	CU YDS	TON	
FULTON COUNTY MAILBOX TURNOUTS											
838+15.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
840+15.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
842+24.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
845+00.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
847+58.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
852+66.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
856+82.00	RT	MB EX AGG - NEW HMA (1/2) ANDERSON	13.17			9.48	1.11		13.17	1.46	
868+36.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
872+73.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
876+67.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
880+56.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
888+75.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
891+55.00	RT	MB EX AGG - NEW HMA	26.33			18.96	2.21		26.33	2.93	
913+38.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
922+21.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
926+05.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
944+00.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
959+84.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
974+90.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
1024+83.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
1041+97.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
1061+84.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
1084+30.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
1095+05.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
1096+18.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
1112+15.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
1118+00.00	RT	MB EX AGG - NEW HMA	26.33			18.96	2.21		26.33	2.93	
1264+00.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
1279+00.00	RT	MB EX HMA	26.33			18.96	2.21	17.55	26.33	1.10	
FULTON COUNTY SIDEROADS											
ALL SIDEROADS TO RADIUS RETURN			2470.35	2470.35	200.56	1778.65	207.51				
			SCHUYLER CO. SUBTOTAL =		74.67	258.23	30.13	52.66	143.32	10.44	8.92
			FULTON CO. SUBTOTAL =		2602.02	200.56	3127.67	363.03	456.39	59.17	63.09
			GRAND TOTALS =		SEE PAVING SCHEDULE SHEET 9						

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	DRAWN -	REVISED -
PLOT SCALE = 9.6000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	12
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

•FULTON & SCHUYLER

GUARDRAIL SCHEDULE

STA. TO STA.		NOTES	6300001	6300030	63100041	63100087	63100167	63100169	63100045	63200310	48102100	20200100	Z0001002	72501000	78200005	LENGTH OF NEED STATION
			STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS FOOT	STRONG POST GUARDRAIL ATTACHED TO CULVERT FOOT	TRAFFIC BARRIER TERMINAL, TYPE 1B EACH	TRAFFIC BARRIER TERMINAL, TYPE 6A EACH	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED EACH	TRAFFIC BARRIER TERMINAL, TYPE 2 EACH	GUARDRAIL REMOVAL FOOT	AGGREGATE WEDGE SHOULDER, TYPE B TON	EARTH EXCAVATION CU YDS	GUARDRAIL AGGREGATE EROSION CONTROL TON	TERMINAL MARKER - DIRECT APPLIED EACH	GUARDRAIL REFLECTORS, TYPE A EACH	
FULTON COUNTY																
856+80.00 - 861+30.00	RT	Flared terminal at south end. Flare the 1st 25' of SPBGR TY A after the flared terminal at the same flare as the terminal (1:12.5). See Detail.	350.00				1.00	1.00		394.00	45.44			2.00	6.00	857+00
910+27.00 - 911+61.00	RT	Move the FE at south end, approx. 20' south. Flared terminal at south end. 12.5' of radius guardrail at north end (R=20'). See Detail.	62.50	12.50					1.00	1.00	13.94			1.00	4.00	910+41.9
910+76.50 - 912+26.30	LT	Flared terminal at north end. Flare the 1st 12.5' of SPBGR TY A after the flared terminal at the same flare as the terminal (1:12.5). See Detail.	37.50	12.50			1.00	1.00		152.00	15.15			2.00	4.00	912+13
929+56.50 - 931+45.00	RT	Flared terminal at south end. Tangent terminal at north end.	87.50				1.00	1.00			9.56	18.59	38.11	2.00	4.00	929+76.4
930+56.00 - 932+30.00	LT	Flared terminal at north end. Tangent terminal at south end.	75.00				1.00	1.00			8.90	17.31	35.48	2.00	4.00	932+09.6
1012+76.00 - 1014+38.50	RT	Flared terminal at south end. Tangent terminal at north end.	62.50				1.00	1.00		145.00	16.46			2.00	4.00	1012+95.4
1013+33.50 - 1014+96.00	LT	Flared terminal at north end. Tangent terminal at south end.	62.50				1.00	1.00		145.00	16.46			2.00	4.00	1014+76
1056+18.00 - 1057+69.00	RT	Flared terminal at south end. Tangent terminal at north end.	50.00				1.00	1.00		178.00	15.15			2.00	4.00	1056+34.3
1121+70.00 - 1123+20.00	RT	Flared terminal at south end. Modify connection to bridge rail in field as needed; Modifications to be included in the cost of TBT, TY 6A. Face of SPBGR Type A = 19.5 ft. RT	62.50			1.00			1.00	214.00	15.15			1.00	4.00	1121+85.6
1123+47.00 - 1124+47.00	RT	Tangent terminal at north end. Modify connection to bridge rail in field as needed; Modifications to be included in the cost of TBT, TY 6A. Face of SPBGR Type A = 19.5 ft. RT	12.50			1.00	1.00			155.00	10.10			1.00	4.00	1124+29.2
1122+14.00 - 1123+14.00	LT	Tangent terminal at south end. Modify connection to bridge rail in field as needed; Modifications to be included in the cost of TBT, TY 6A. Face of SPBGR Type A = 19.5 ft. LT	12.50			1.00	1.00			153.00	10.10			1.00	4.00	1122+31.5
1123+41.00 - 1125+16.00	LT	Tangent terminal at north end. Modify connection to bridge rail in field as needed; Modifications to be included in the cost of TBT, TY 6A. Face of SPBGR Type A = 19.5 ft. LT	87.50			1.00	1.00			216.00	17.67			1.00	4.00	1124+91.4
1160+64.00 - 1162+14.00	RT	Tangent terminal at south end. Modify connection to bridge rail in field as needed; Modifications to be included in the cost of TBT, TY 6A.	62.50			1.00	1.00			203.00	15.15			1.00	4.00	1160+76.9
1164+46.00 - 1165+58.50	RT	Tangent terminal at north end. Modify connection to bridge rail in field as needed; Modifications to be included in the cost of TBT, TY 6A.	25.00			1.00	1.00			114.00	11.41			1.00	4.00	1165+46
1161+26.50 - 1162+14.00	LT	Tangent terminal at south end. Modify connection to bridge rail in field as needed; Modifications to be included in the cost of TBT, TY 6A.				1.00	1.00			114.00	8.89			1.00	4.00	1161+44.8
1164+46.00 - 1166+71.00	LT	Tangent terminal at north end. Modify connection to bridge rail in field as needed; Modifications to be included in the cost of TBT, TY 6A.	137.50			1.00	1.00			203.00	22.72			1.00	4.00	1166+58.5
1211+32.60 - 1212+22.90	RT	Radius guardrail at south end (R=25'). Tangent terminal at north end. See detail.	37.50				1.00		1.00		4.48	8.70	17.84	1.00	4.00	N/A
1212+15.00 - 1212+92.70	LT	Radius guardrail at north end (R=25'). Tangent terminal at south end. See detail.	25.00				1.00		1.00		3.82	7.42	15.20	1.00	4.00	N/A
1229+74.00 - 1234+34.00	RT	Type 1 (Special) Flared Terminal at south end. Type 1B Terminal at north end.	387.50		1.00			1.00		488.00	36.76			1.00	6.00	1229+96.4
1236+37.00 - 1239+60.00	RT	Type 1B Terminal at south end. Type 1 (Special) Tangent Terminal at north end.	250.00		1.00		1.00			373.00	5.45			1.00	4.00	N/A
1237+01.00 - 1240+65.00	LT	Type 1 (Special) Tangent Terminal at north end. Type 1B Terminal at south end.	287.50		1.00		1.00			350.00	16.06			1.00	5.00	1240+51.3
1284+79.00 - 1292+35.00	RT	Tangent terminals both ends.	650.00				2.00			631.00	10.60			2.00	10.00	1284+94.8
1285+23.00 - 1290+94.50	LT	Flared terminal at north end. Tangent terminal at south end.	475.00				1.00	1.00		631.00	58.06			2.00	8.00	1290+82
1291+55.50 - 1293+90.10	LT	Flared terminal at north end. Flare the 1st 25' of SPBGR TY A after the flared terminal at the same flare as the terminal (1:12.5). See detail. Tangent terminal at south end.	137.50				1.00	1.00		234.00	24.03			2.00	4.00	1293+77.5
1292+64.00 - 1302+78.00	RT	Flared terminal at south end. Tangent terminal at north end.	912.50				1.00	1.00		1052.00	60.69			2.00	13.00	1292+76.5
1306+25.00 - 1312+00.00	RT	Flared terminal at south end. Tangent terminal at north end.	475.00				1.00	1.00		597.00	58.06			2.00	8.00	1306+40
FULTON CO. SUBTOTAL =			4825.00	25.00	3.00	8.00	24.00	14.00	3.00	6871.00	530.25	52.02	106.63	38.00	132.00	
GRAND TOTALS =			4825	25	3	8	24	14	3	6871	SEE SHEET 9 FOR GRAND TOTAL		107	38	132	

- Notes:
- It was assumed that the Terminals Type 1 = 50' and that they provide 37.5' to the Length of Need.
 - It was assumed Traffic Barrier Terminal, Type 1 (Special) Flared is flared 4' over a terminal length of 50' (1:12.5 flare).
 - Face of tangent SPBGR Type A = 17.5' off centerline (6.5' off EOP), unless otherwise noted.
 - Stations for proposed guardrail are based on stationing stamped in the existing pavement. Layout for proposed guardrail shall be completed before the existing stamped stationing is removed.

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USER NAME = diazaa	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">SCHEDULE OF QUANTITIES</p>				F.A.P. RTE. = 612	SECTION (109,110)RS-3	COUNTY =	TOTAL SHEETS = 45	SHEET NO. 13
PLOT SCALE = 9.6000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 68F23	
PLOT DATE = 12/13/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
<p align="right">•FULTON & SCHUYLER</p>												

CULVERT AND DITCH SCHEDULE

LOCATION			21400100 GRADING AND SHAPING DITCHES		20005300 BOX CULVERTS TO BE CLEANED	X5420624 PIPE CULVERTS TO BE CLEANED 24"	28100201 STONE RIPRAP, CLASS A1		28100207 STONE RIPRAP, CLASS A4		28100225 STONE RIPRAP, CLASS B3		28100807 STONE DUMPED RIPRAP, CLASS A4		28100825 STONE DUMPED RIPRAP, CLASS B3		20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)
IL 100	CULVERT SIZE	APPROX. CULVERT LENGTH	FOOT	LT/RT	EACH	FOOT	TON	LT/RT	TON	LT/RT	TON	LT/RT	TON	LT/RT	TON	LT/RT	UNIT
SCHUYLER COUNTY																	
STA 778+65	2'X2'												8.0	RT			
FULTON COUNTY																	
STA 799+45	2'X2'	50'	15	RT	1												
STA 800+85	2'X2'	50'	16	RT	1												
STA 802+63	2'X2'	50'	16	RT	1												
STA 803+47	2'X2'	50'	16	RT	1												
STA 813+08	4'X4'	50'	18	LT	1												
			8	RT													
STA 815+15	3'X2'	50'	8	RT	1												
STA 820+45	3'X2'	50'	100	LT	1												
			12	RT													
STA 824+00	3'X3'	50'	11	RT	1												
STA 829+97	2'X2'	50'	70	LT	1							2.2	LT				
			13	RT													
STA 835+10	2'X2'	50'	8	RT	1												
STA 851+97	2'X2'	50'	6	RT	1												
STA 854+07	2'X2'	50'	4	RT	1												
STA 857+33	2'X2'	50'	10	RT	1												
STA 859+00	3'X3'		10	RT								4.4	RT				18
STA 862+43	2'X2'		12	RT								13.3	RT				
STA 876+85	2'X2'											1.3	RT				
STA 879+53	3'X3'		67	LT								5.3	LT				
STA 918+00	2'X2'						1.0	LT				7.8	RT				
STA 922+85	2'X2'	50'	6	RT	1												
STA 938+04	2'X2' WITH 2'X3' EXT.								14.4	RT	2.0	FILL IN AROUND RT HEADWALL					
STA 943+48	2'X2'	50'	19	RT	1												
STA 984+40	2'X2'	50'	19	RT	1												
STA 998+50	4'X4'	50'	20	LT	1												15
			15	RT													
STA 999+05	2'X2'	50'	15	LT	1												
			15	RT													
STA 1002+90	3'X3'	50'	12	LT	1												
			14	RT													
STA 1042+10	24" PIPE	50'	12	RT		50											
STA 1054+60	2'X2'	50'	15	RT	1												
STA 1061+10	24" PIPE	60'	10	RT		60											
STA 1063+10	4'X6'														102.2	LT	
STA 1069+70	2'X2'												22		12.9	RT	
STA 1074+88	4'X4'	45'			1										11.1	FILL AND COVER EX CMP LT	
STA 1078+33	24" PIPE														5.6	RT	
STA 1104+33	5'X2'														16.7	RT	
STA 1137+13	2'X2'														5.6	RT	
STA 1212+25	7'X6.5'												48.0	RT	4.7	BEHIND RT WINGWALL	
STA 1221+25	2'X2'	62'			1												
STA 1288+08	5'X5'											4.8	FILL IN BEHIND LT WINGWALL				
STA 1297+75	2'X2'	55'			1												
STA 1307+75	3'X2'												20.0	RT			
STA 1318+80	18" PIPE		100	FROM GUTTER OUTLET TO THE EAST													
STA 1319+30	2'X2'	66'			1		1.0	AT END SECTION									
SCHUYLER COUNTY =			0.0		0.0	0.0	0.0		0.0		8.0		0.0		0.0		0.0
FULTON COUNTY =			692.0		24.0	110.0	2.0		14.4		41.3		90.2		158.7		33.0
TOTALS =			692		24	110	2		14		49		90		159		33

•FULTON & SCHUYLER

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	DRAWN -	REVISED -
PLOT SCALE = 9.6000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	14
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE								
LOCATION				78009004 MODIFIED URETHANE PAVEMENT MARKING LINE - 4"				78009024 MODIFIED URETHANE PAVEMENT MARKING - LINE 24"
				FOOT				FOOT
IL 100				SOLID WHITE	SOLID YELLOW	DOUBLE SOLID YELLOW	SKIP DASH YELLOW	FOOT
STA	759+40	TO	794+66	7052.0			890.0	
STA	794+66	TO	1314+00	103868.0	11525.0	26230.0	9720.0	
EB "Y"				1464.0		1464.0		11.0
WB "Y"				1160.0		1160.0		11.0
SCHUYLER COUNTY				7052.0	0.0	0.0	890.0	0.0
FULTON COUNTY				106492.0	11525.0	28854.0	9720.0	22.0
TOTALS				164,533				22

PAVEMENT MARKER SCHEDULE		
LOCATION	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	78100100 RAISED REFLECTIVE PAVEMENT MARKER
	IL 100	EACH
STA 759+40 TO 794+66	44.0	44.0
STA 794+66 TO 1319+80 (WB "Y") / 1321+32 (EB "Y")	668.0	668.0
SCHUYLER COUNTY	44	44
FULTON COUNTY	668	668
TOTALS	712	712

CONCRETE GUTTER SCHEDULE		
LOCATION	44000400 GUTTER REMOVAL	X6062700 CONCRETE GUTTER, TYPE A (SPECIAL)
IL 100	FOOT	FOOT
50 LOCATIONS - 6 FOOT EACH	300	300
STA 1231+50 LT	10	10
STA 1232+06 LT	10	10
STA 1318+65 RT	60	60
FULTON COUNTY	380	380
TOTALS	380	380

TRAFFIC CONTROL SCHEDULE					
LOCATION	70100460 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	70100500 TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	70100600 TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	70103815 TRAFFIC CONTROL SURVEILLANCE	70107025 CHANGEABLE MESSAGE SIGN
	L SUM	L SUM	L SUM	CAL DA	CAL DA
IL 100	1	1	1	4	10
FULTON COUNTY	1	1	1	4	10
TOTALS	1	1	1	4	10

NOTE: 2 CHANGEABLE MESSAGE SIGNS AT 5 DAYS EACH

MOWING SCHEDULE				
LOCATION				25000750 MOWING
IL 100				ACRE
STA	759+40	TO	794+66	2.4
STA	794+66	TO	1314+00	35.8
EB "Y"				0.5
WB "Y"				0.4
SCHUYLER COUNTY				2.4
FULTON COUNTY				36.7
TOTALS				39

SHORT TERM PAVEMENT MARKING SCHEDULE						
LOCATION				70300100 SHORT TERM PAVEMENT MARKING		70300150 SHORT TERM PAVEMENT MARKING REMOVAL
				FOOT		SQ FT
IL 100				SKIP DASH CENTERLINE	STOP BAR	SQ FT
STA	759+40	TO	794+66	1057.8		117.5
STA	794+66	TO	1227+15	12974.7		1441.6
STA	1227+15	TO	1239+06	476.4		39.7
STA	1239+06	TO	1285+84	1403.4		155.9
STA	1285+84	TO	1296+77	437.2		36.4
STA	1296+77	TO	1310+86	422.7		47.0
STA	1310+86	TO	1314+00	125.6		10.5
EB "Y"				292.8	264.0	46.4
WB "Y"				232.0	264.0	41.3
SCHUYLER COUNTY				1057.8	0.0	117.5
FULTON COUNTY				16364.8	528.0	1818.9
TOTALS				17,951		1,936

NOTE: IF TAPE DOES NOT ADHERE TO THE CIPR SURFACE, PAINT WILL BE USED FOR SHORT TERM PAVEMENT MARKINGS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED

PATCHING SCHEDULE				
LOCATION	44201811 CLASS D PATCHES, TYPE I, 14 INCH	44201815 CLASS D PATCHES, TYPE II, 14 INCH	44201819 CLASS D PATCHES, TYPE III, 14 INCH	44201821 CLASS D PATCHES, TYPE IV, 14 INCH
	SQ YD	SQ YD	SQ YD	SQ YD
SCHUYLER COUNTY			76.7	133.3
South Limit to Co. Line			76.7	133.3
FULTON COUNTY		8.9	106.7	307.8
Hamm Ln to Morning Star		8.9	106.7	307.8
Morning Star to Kerton Creek Rd.	10.7	88.7	106.7	307.8
Kerton Creek Rd. to Marletown Rd.		33.3	44.4	120.0
Marletown Rd. to County Rd 10	4.4	60.9	197.8	567.8
County Rd 10 to County Rd 32		50.0	104.4	837.8
County Rd 32 to Atwater Rd		13.3	24.4	706.7
Atwater to US 136		53.3	128.9	1145.6
SCHUYLER CO. TOTAL=	0.0	0.0	76.7	133.3
FULTON CO. TOTAL=	15.1	308.4	606.7	3848.9
TOTAL	15	308	684	3982

CONSTRUCTION LAYOUT	
XZ013798 CONSTRUCTION STATION LAYOUT	
LOCATION	LUMP SUM
JOBSITE	1.0
FULTON COUNTY	1.0
TOTAL	1

FIELD OFFICE	
67000400 ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	CAL MO
JOBSITE	4.0
FULTON COUNTY	4.0
TOTAL	4

MOBILIZATION	
67100100 MOBILIZATION	
LOCATION	LUMP SUM
JOBSITE	1.0
FULTON COUNTY	1.0
TOTAL	1

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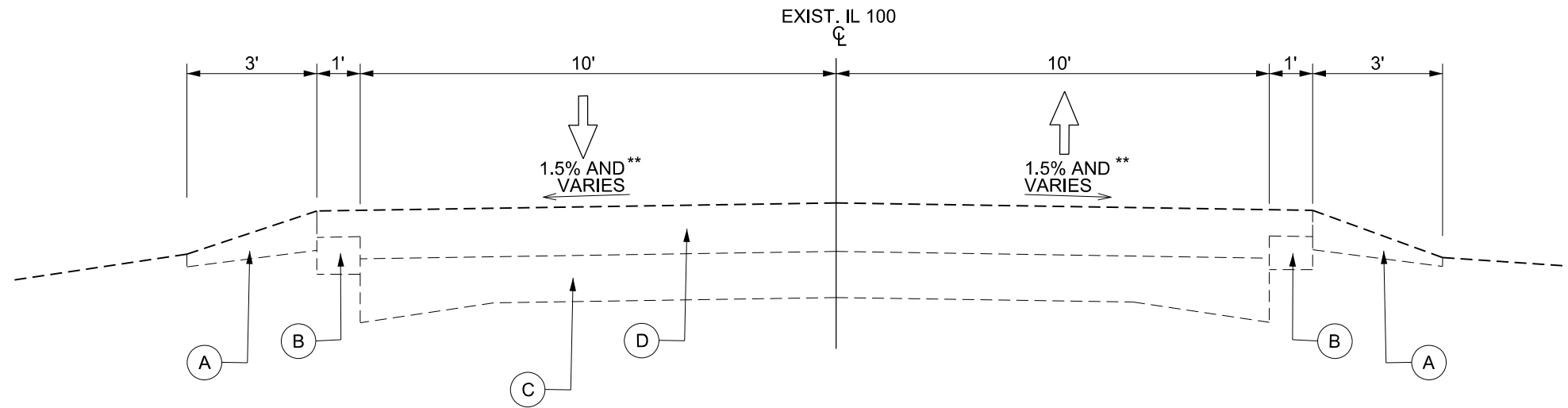
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE. 612	SECTION (109,110)R5-3	COUNTY *	TOTAL SHEETS 45	SHEET NO. 15
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

*FULTON & SCHUYLER

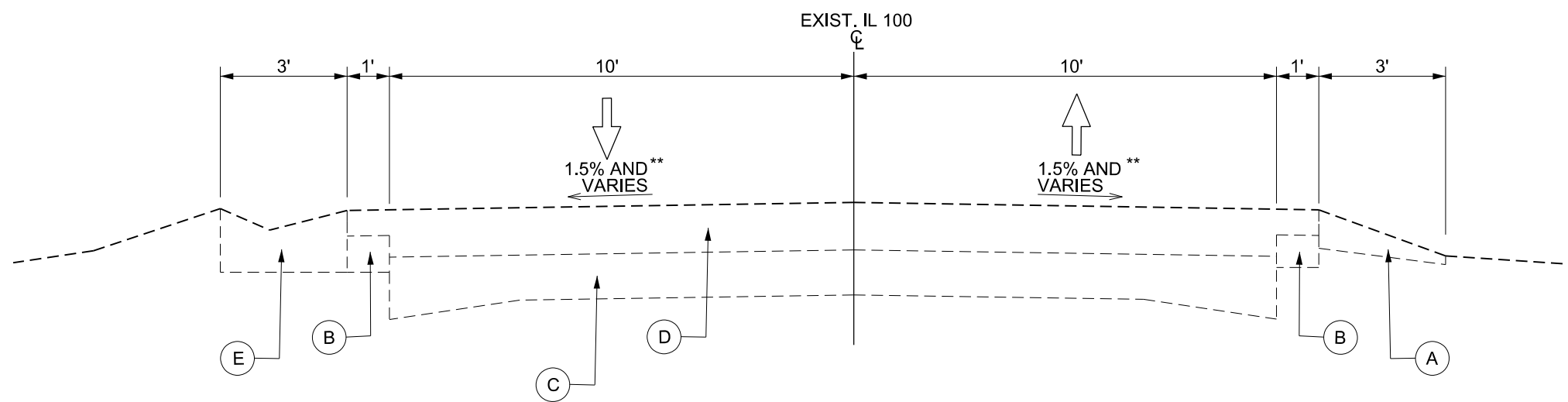


* STA. 759+40 TO STA. 1227+15
 STA. 1239+06 TO STA. 1285+84
 STA. 1296+77 TO STA. 1310+86

- LEGEND:**
- (A) EXISTING AGGREGATE SHOULDER TYPE B
 - (B) EXISTING STABILIZED SHOULDER 6"
 - (C) EXISTING P.C.C. PAVEMENT
 - (D) EXISTING H.M.A. OVERLAY
 - (E) EXISTING CONCRETE GUTTER TYPE A

* SCHUYLER COUNTY:
 STA. 759+40 TO STA. 794+66

**THE PAVEMENT CROSS SLOPE
 VARIES FROM 1.5% TO
 SUPER ELEVATED



STA. 1227+15 TO STA. 1233+35
 STA. 1310+86 TO STA. 1314+26.8
 STA. 1315+24 TO STA. 1319+80 (WB "Y")

NOT TO SCALE

•FULTON & SCHUYLER

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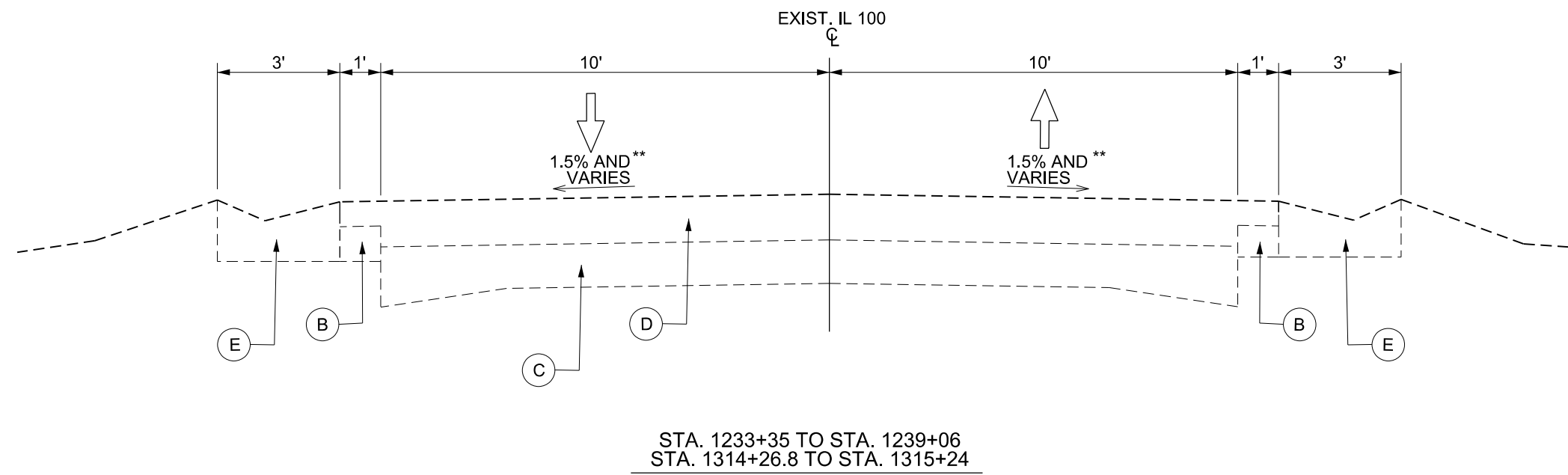
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 100 EXISTING TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	16
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

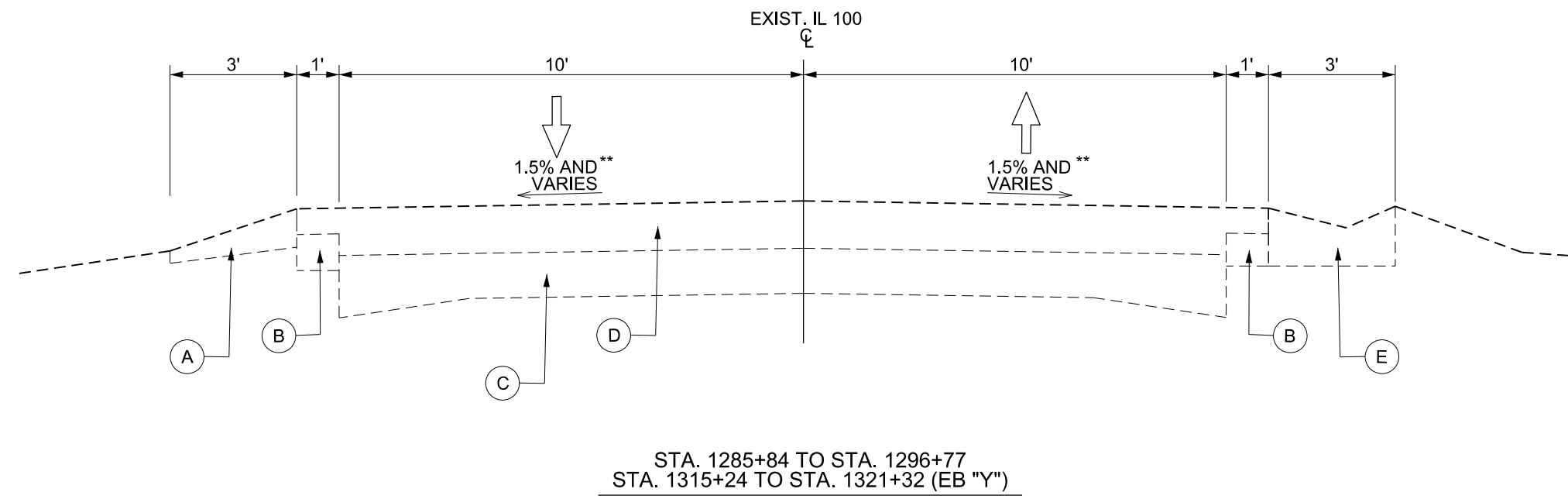
LEGEND:

- (A) EXISTING AGGREGATE SHOULDER TYPE B
- (B) EXISTING STABILIZED SHOULDER 6"
- (C) EXISTING P.C.C. PAVEMENT
- (D) EXISTING H.M.A. OVERLAY
- (E) EXISTING CONCRETE GUTTER TYPE A



* SCHUYLER COUNTY:
STA. 759+40 TO STA. 794+66

**THE PAVEMENT CROSS SLOPE
VARIES FROM 1.5% TO
SUPER ELEVATED



NOT TO SCALE

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PLOT DATE = 12/13/2019	DATE -	REVISED -

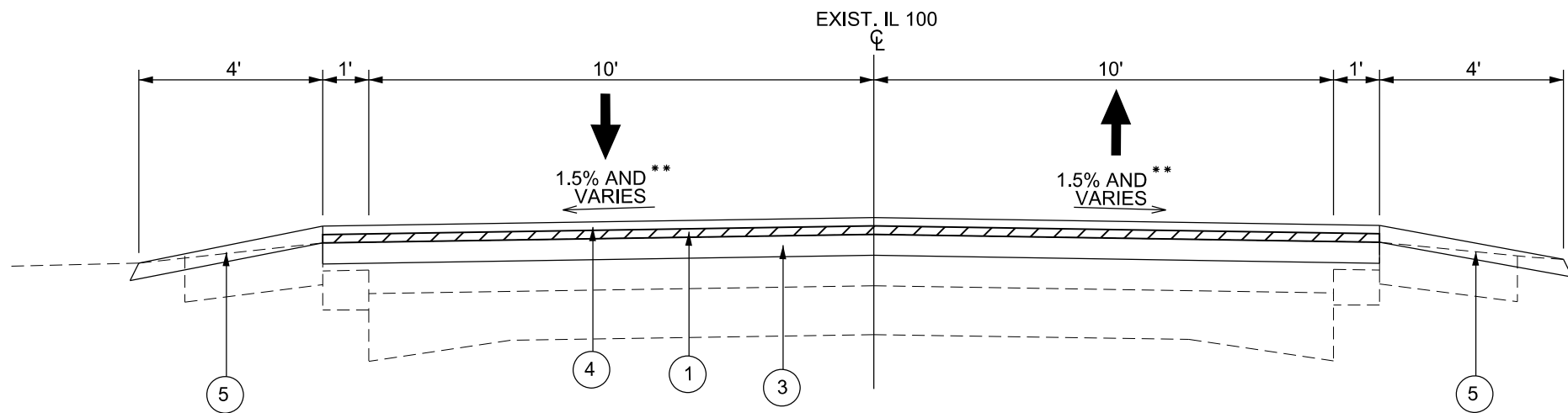
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 100
EXISTING TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	17
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

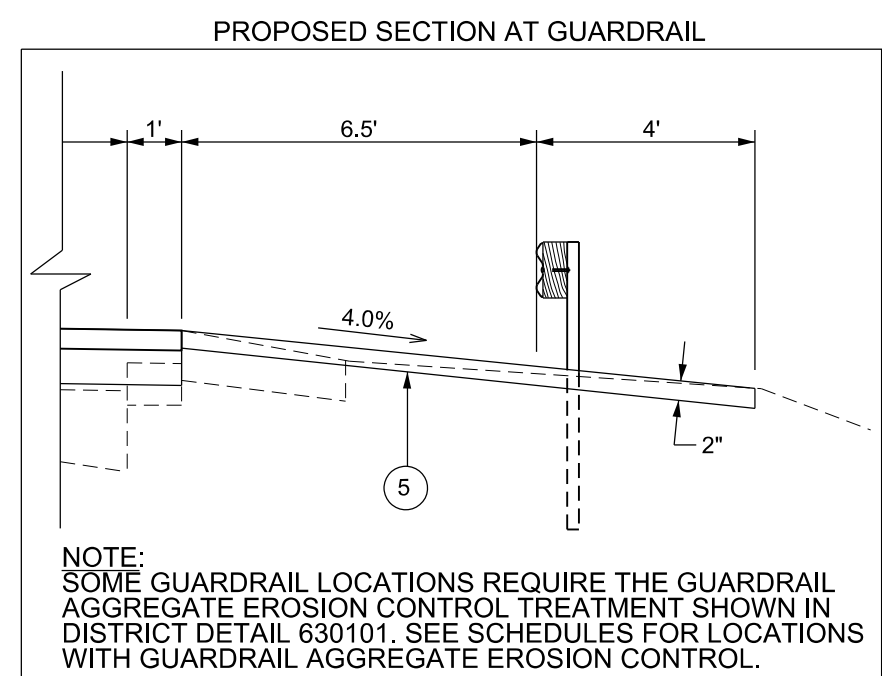
•FULTON & SCHUYLER



- LEGEND:**
- ① HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - ② HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 - ③ COLD IN-PLACE RECYCLING, 4.0"
 - ④ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50
 - ⑤ AGGREGATE WEDGE SHOULDER, TYPE B

* STA. 759+40 TO STA. 1227+15
 STA. 1239+06 TO STA. 1285+84
 STA. 1296+77 TO STA. 1310+86

NOTE:
 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 TO BE DONE AFTER COLD IN-PLACE RECYCLING, 4.0"

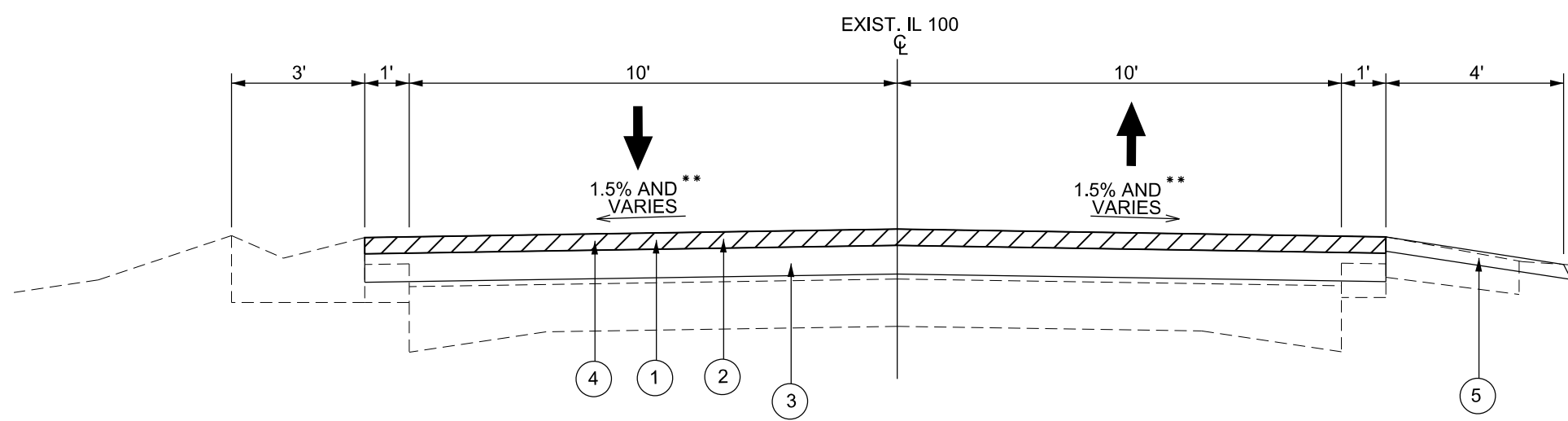


NOTE:
 SOME GUARDRAIL LOCATIONS REQUIRE THE GUARDRAIL
 AGGREGATE EROSION CONTROL TREATMENT SHOWN IN
 DISTRICT DETAIL 630101. SEE SCHEDULES FOR LOCATIONS
 WITH GUARDRAIL AGGREGATE EROSION CONTROL.

* SCHUYLER COUNTY:
 STA. 759+40 TO STA. 794+66

**USE 1.5%, EXCEPT MATCH EXISTING
 SLOPES IN AREAS WITH SUPERELEVATION.
 ALSO, MATCH EXISTING SLOPES IN AREAS
 WITH EXISTING GUTTER, AS NEEDED.

THE CONTRACTOR SHALL VERIFY EXISTING
 HMA DEPTH PRIOR TO RECYCLING OPERATIONS,
 INCLUDING THE PAVEMENT APPROACHING THE
 STRUCTURES. THIS WORK SHALL BE CONSIDERED
 INCLUDED IN THE COST OF THE COLD IN-PLACE
 RECYCLING.



STA. 1227+15 TO STA. 1233+35
 STA. 1310+86 TO STA. 1314+26.8
 STA. 1315+24 TO STA. 1319+80 (WB "Y")

NOTES:
 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 TO BE DONE PRIOR TO COLD IN-PLACE RECYCLING, 4.0"

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 TO BE DONE AFTER COLD IN-PLACE RECYCLING, 4.0"

NOT TO SCALE

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PLOT DATE = 12/13/2019	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

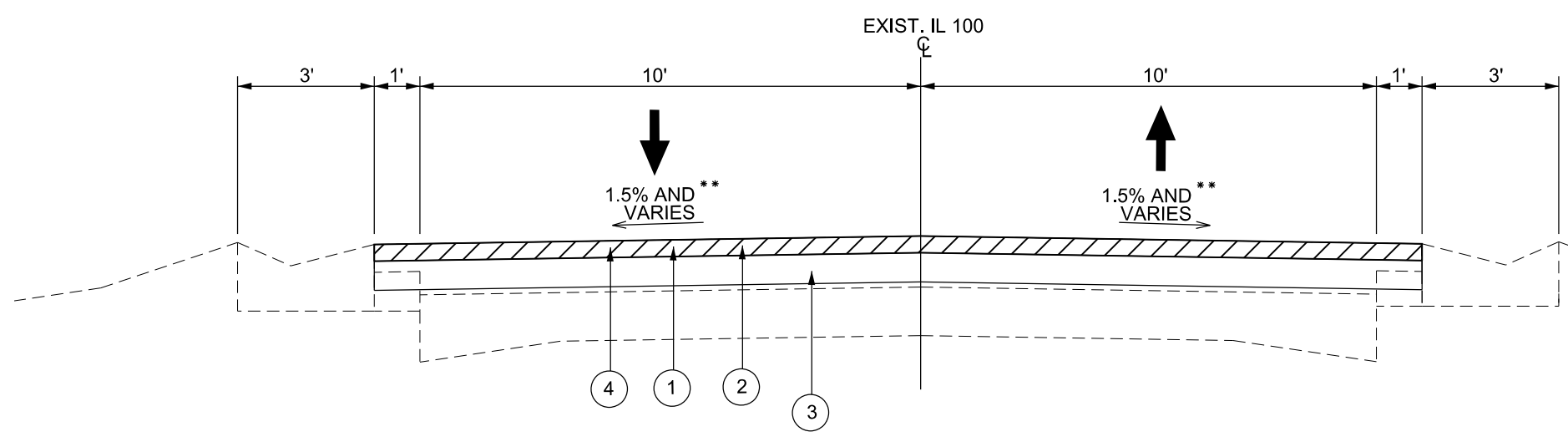
IL 100
 PROPOSED TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	18
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

•FULTON & SCHUYLER

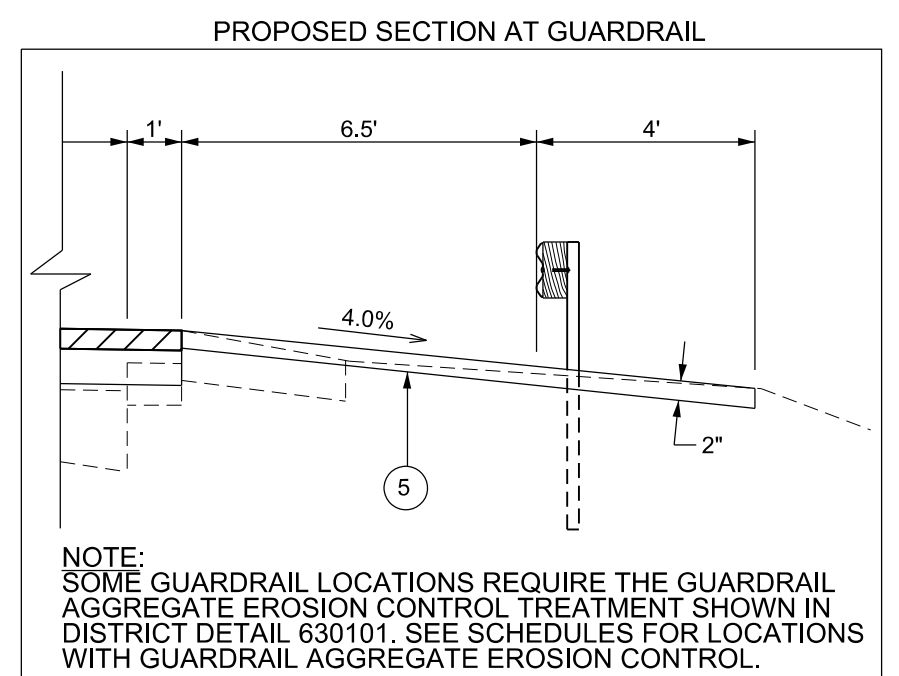
- LEGEND:**
- ① HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - ② HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 - ③ COLD IN-PLACE RECYCLING, 4.0"
 - ④ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50
 - ⑤ AGGREGATE WEDGE SHOULDER, TYPE B



STA. 1233+35 TO STA. 1239+06
 STA. 1314+26.8 TO STA. 1315+24

NOTES:
 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 TO BE DONE PRIOR TO COLD IN-PLACE RECYCLING, 4.0"

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 TO BE DONE AFTER COLD IN-PLACE RECYCLING, 4.0"



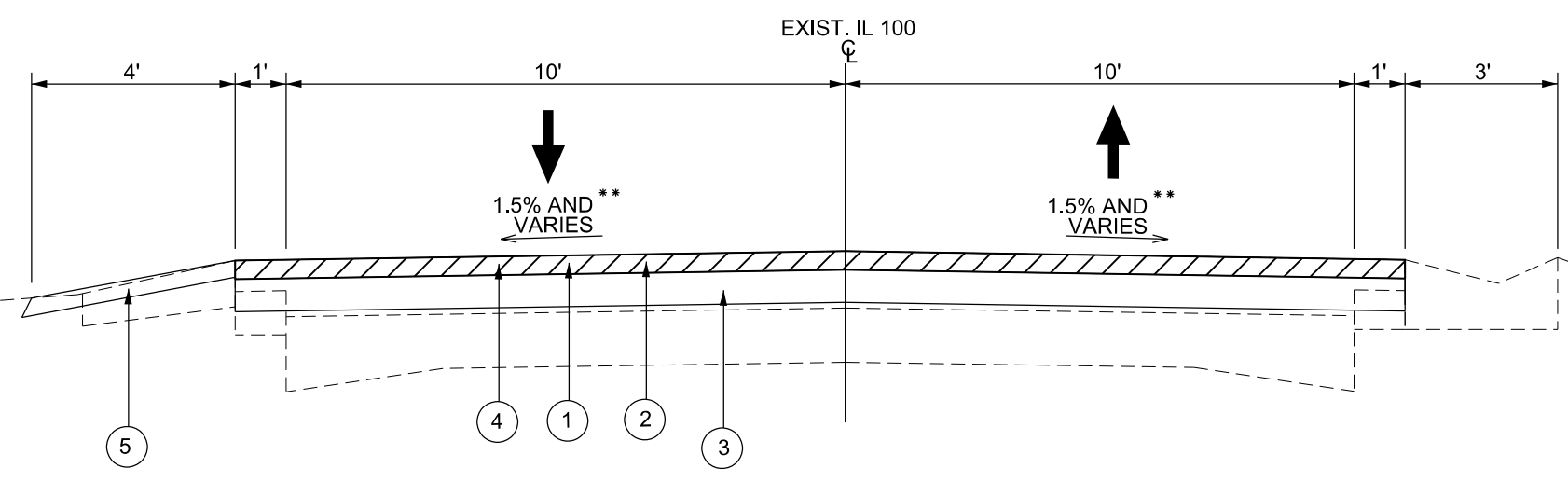
* SCHUYLER COUNTY:
 STA. 759+40 TO STA. 794+66

**USE 1.5%, EXCEPT MATCH EXISTING
 SLOPES IN AREAS WITH SUPERELEVATION.
 ALSO, MATCH EXISTING SLOPES IN AREAS
 WITH EXISTING GUTTER, AS NEEDED.

THE CONTRACTOR SHALL VERIFY EXISTING
 HMA DEPTH PRIOR TO RECYCLING OPERATIONS,
 INCLUDING THE PAVEMENT APPROACHING THE
 STRUCTURES. THIS WORK SHALL BE CONSIDERED
 INCLUDED IN THE COST OF THE COLD IN-PLACE
 RECYCLING.

NOT TO SCALE

•FULTON & SCHUYLER



STA. 1285+84 TO STA. 1296+77
 STA. 1315+24 TO STA. 1321+32 (EB "Y")

NOTES:
 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 TO BE DONE PRIOR TO COLD IN-PLACE RECYCLING, 4.0"

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 TO BE DONE AFTER COLD IN-PLACE RECYCLING, 4.0"

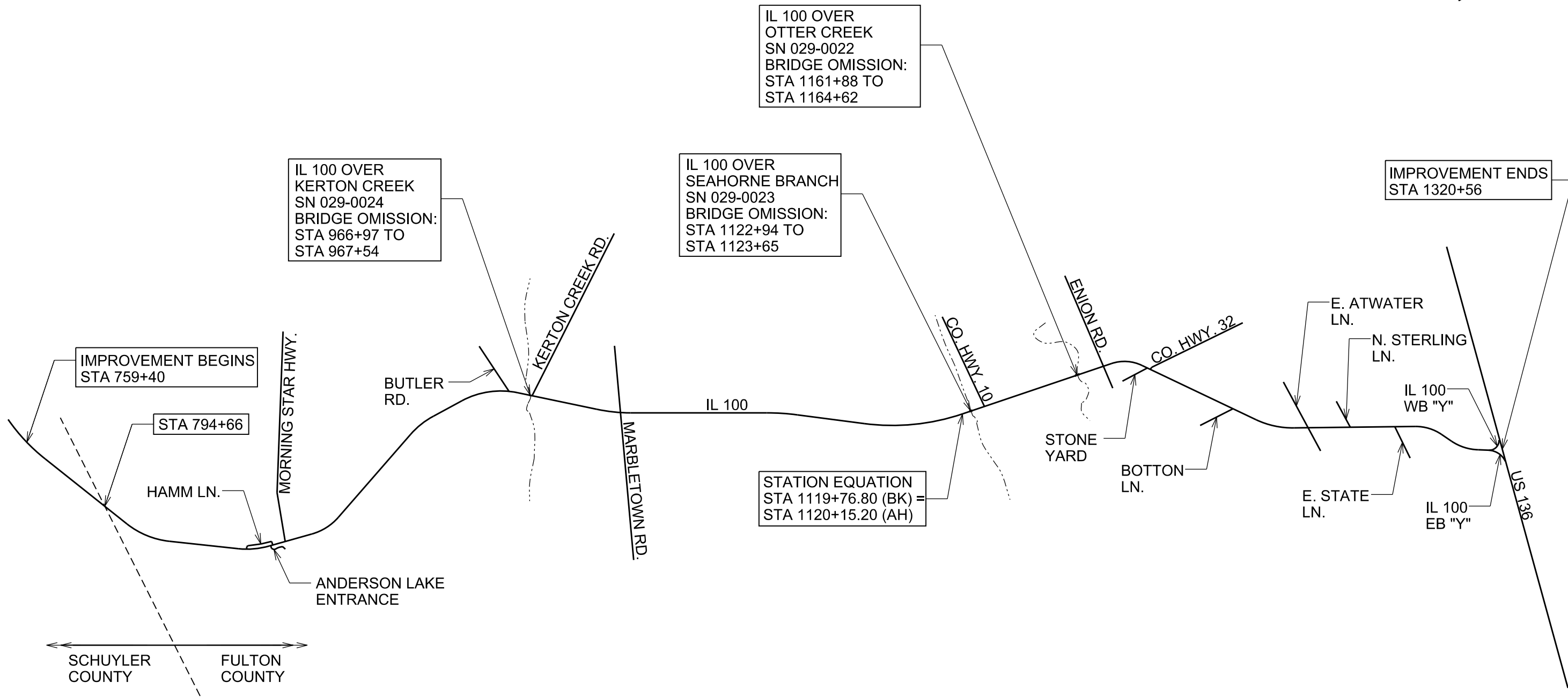
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PLOT SCALE = 9.6000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 100 PROPOSED TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	19
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				



IMPROVEMENT BEGINS
STA 759+40

STA 794+66

IL 100 OVER
KERTON CREEK
SN 029-0024
BRIDGE OMISSION:
STA 966+97 TO
STA 967+54

IL 100 OVER
SEAHORNE BRANCH
SN 029-0023
BRIDGE OMISSION:
STA 1122+94 TO
STA 1123+65

IL 100 OVER
OTTER CREEK
SN 029-0022
BRIDGE OMISSION:
STA 1161+88 TO
STA 1164+62

IMPROVEMENT ENDS
STA 1320+56

STATION EQUATION
STA 1119+76.80 (BK) =
STA 1120+15.20 (AH)

SCHUYLER COUNTY FULTON COUNTY

NOT TO SCALE

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•FULTON & SCHUYLER

USER NAME = diazaa	DESIGNED -	REVISED -
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PLOT SCALE = 9,6000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 100
LINE DIAGRAM**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3		45	20
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

SUGGESTED STAGING

STAGE 1:

CONSTRUCTION:	TRAFFIC CONTROL AND PROTECTION:
COMPLETE PAVEMENT PATCHING	701336
INSTALL HOT-MIX ASPHALT BASE COURSE AT ENTRANCES AND MAILBOX TURNOUTS	701326
CLEAN CULVERTS	701001 / 701006 / 701336
COMPLETE GRADING AND SHAPING OF DITCHES	701001 / 701006 / 701336
REMOVE AND REPLACE CONCRETE GUTTER	701326

STAGE 2:

CONSTRUCTION:	TRAFFIC CONTROL AND PROTECTION:
MILL PAVEMENT IN AREAS OF EXISTING PAVEMENT EDGE CONCRETE GUTTER	701306

STAGE 3:

CONSTRUCTION:	TRAFFIC CONTROL AND PROTECTION:
COMPLETE COLD IN-PLACE RECYCLING, 4.0"	701306

STAGE 4:

CONSTRUCTION:	TRAFFIC CONTROL AND PROTECTION:
COMPLETE HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	701306

STAGE 5:

CONSTRUCTION:	TRAFFIC CONTROL AND PROTECTION:
PLACE HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 AND AGGREGATE WEDGE SHOULDER, TYPE B	701306
PLACE INCIDENTAL HOT-MIX ASPHALT SURFACING	701326

NOTE:

ALSO SEE SPECIAL PROVISION TITLED "CONSTRUCTION SEQUENCE FOR MILLING AND PAVING".

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PLOT DATE = 12/13/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 100 STAGING DETAILS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109.110)RS-3	*	45	21
CONTRACT NO. 68F23			ILLINOIS FED. AID PROJECT	

•FULTON & SCHUYLER



LEGEND

(A)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
(B)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
(C)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED

MODEL, MILL AND GUARDRAIL DETAILS
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FULTON & SCHUYLER

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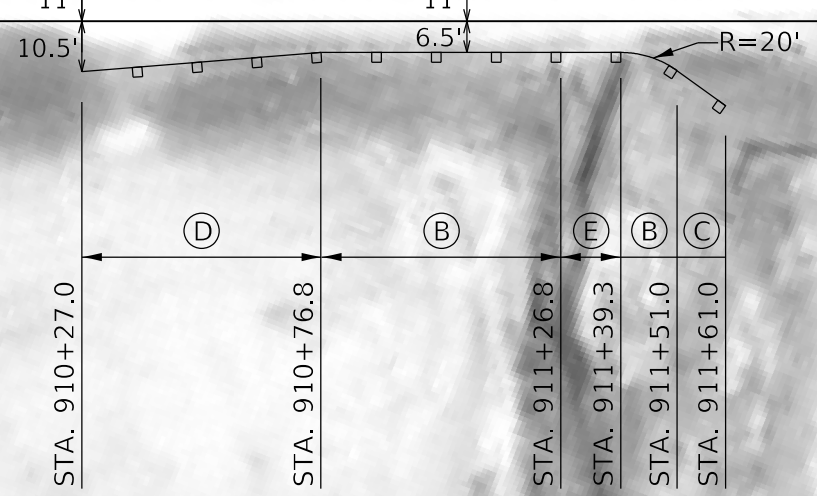
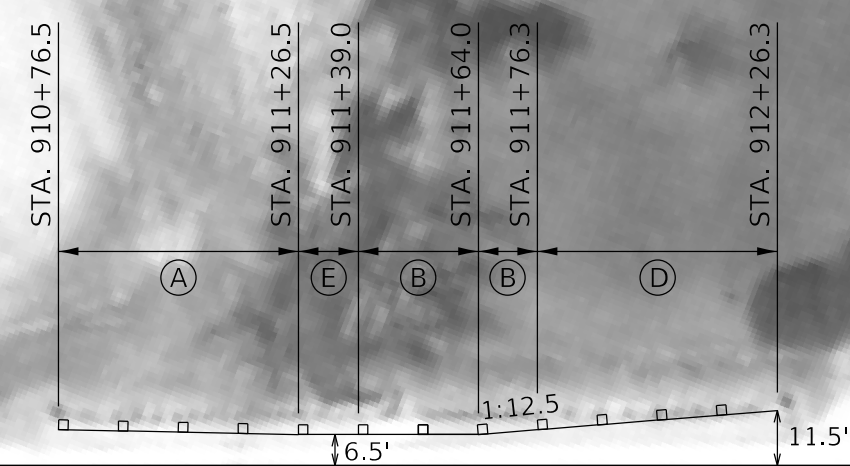
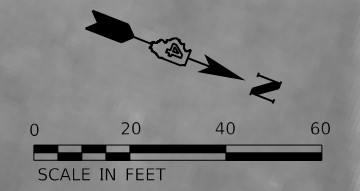
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	22
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

LENGTH OF NEED POINT = STA. 912+13.0



LENGTH OF NEED POINT = STA. 910+41.9

LEGEND	
(A)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
(B)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
(C)	TRAFFIC BARRIER TERMINAL, TYPE 2
(D)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
(E)	STRONG POST GUARDRAIL ATTACHED TO CULVERT

MODEL, MILL AND GUARDRAIL DETAILS
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PLOT DATE = 12/13/2019	DATE -	REVISED -

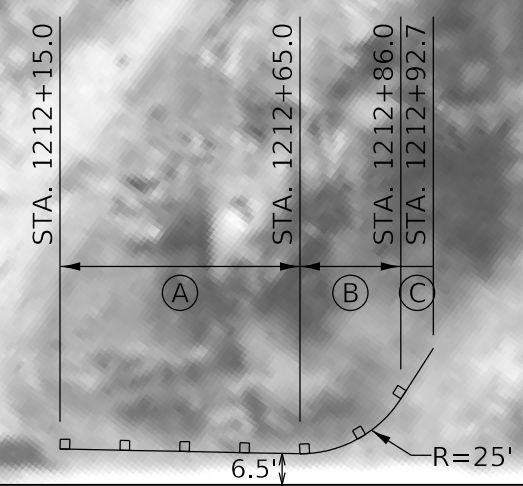
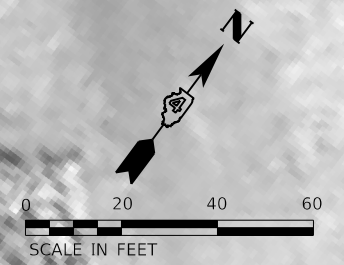
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

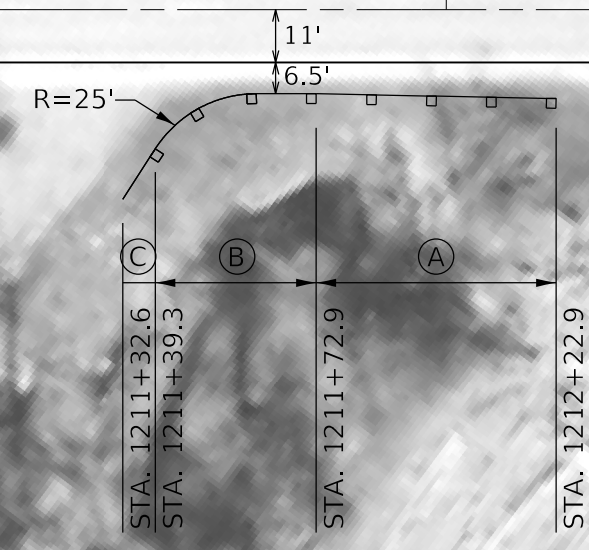
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	23
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

•FULTON & SCHUYLER



1209 1210+00 1211 1212 1213 1214 1215



LEGEND	
(A)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
(B)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
(C)	TRAFFIC BARRIER TERMINAL, TYPE 2

MODEL, MILL AND GUARDRAIL DETAILS
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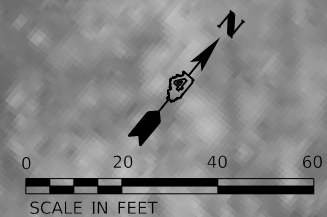
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

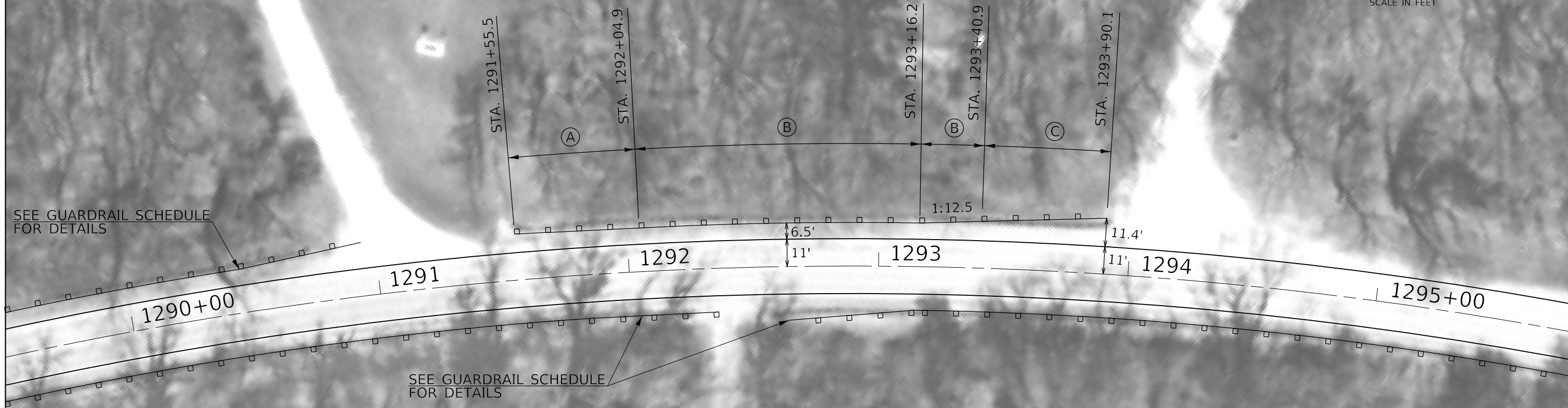
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	24
			CONTRACT NO. 68F23	
ILLINOIS FED. AID PROJECT				

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LENGTH OF NEED POINT = STA. 1293+77.5



LEGEND	
(A)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
(B)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
(C)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED

MODEL, MILL AND GUARDRAIL DETAILS
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PLOT DATE = 12/13/2019	DATE -	REVISED -

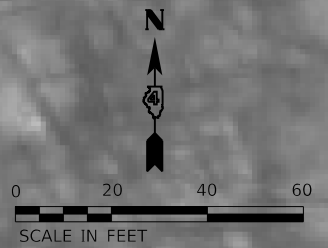
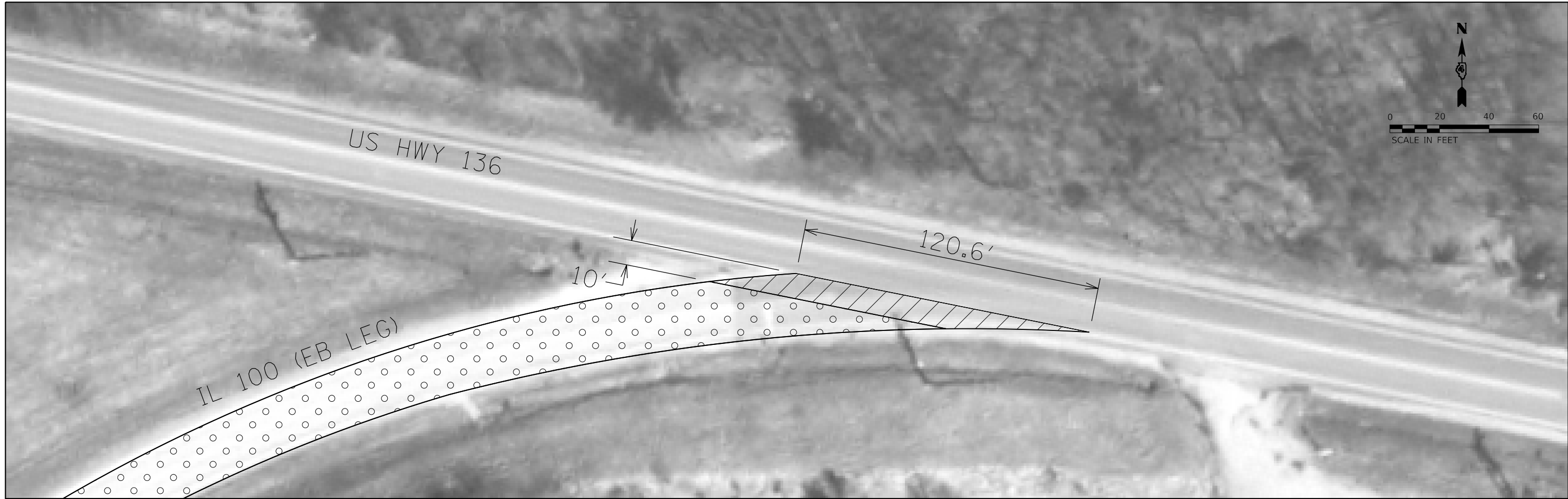
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS


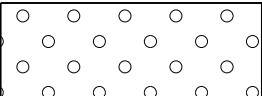
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 68F23	
ILLINOIS FED. AID PROJECT				

•FULTON & SCHUYLER



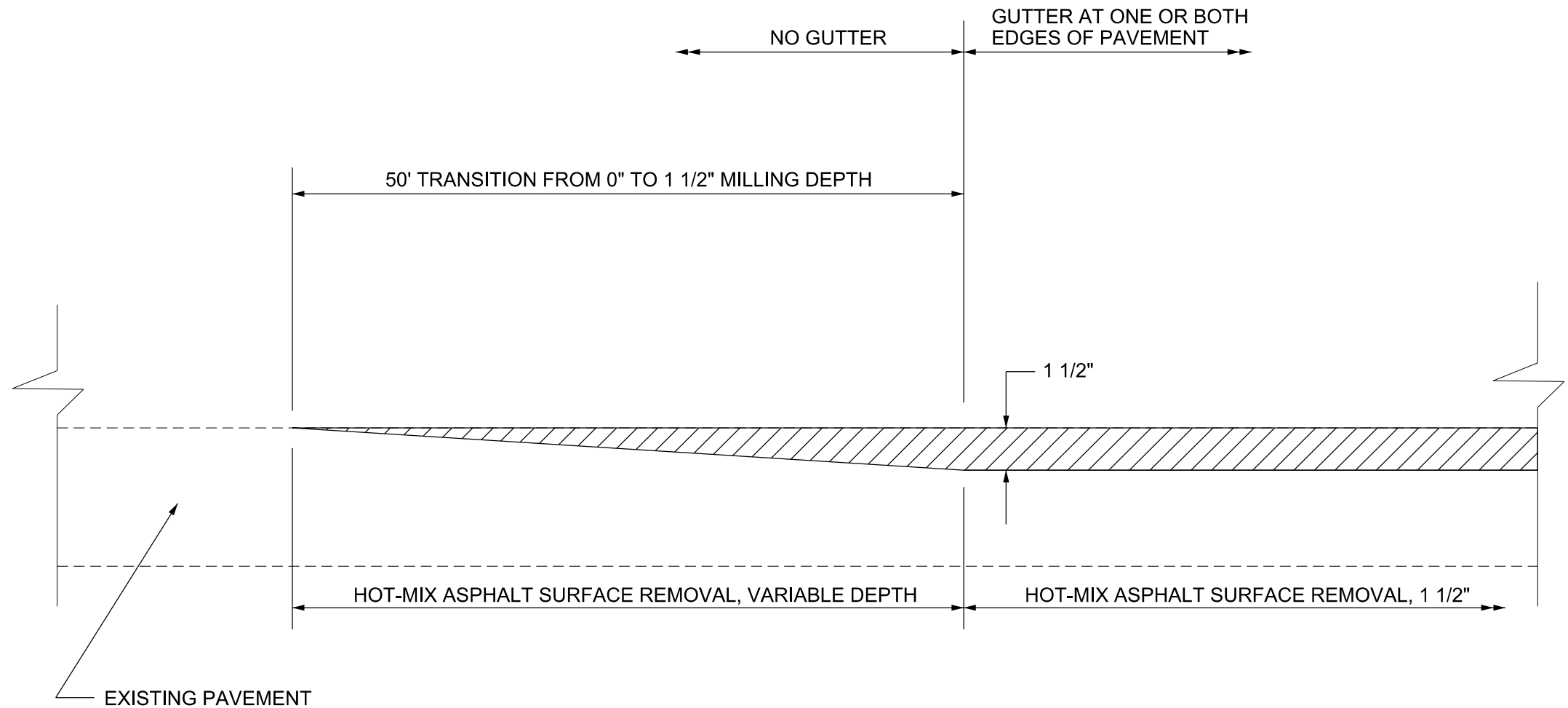
LEGEND FOR PROPOSED MILLING AND PAVING:

	<p>HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"</p> <p>COLD IN-PLACE RECYCLING, 4.0"</p> <p>HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT</p> <p>HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1 1/2")</p>		<p>HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"</p> <p>COLD IN-PLACE RECYCLING, 4.0"</p> <p>HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH</p> <p>HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1 1/2")</p>
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MODEL, MILL AND CURBWORK DETAILS
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																										
612	(109,110)RS-3	-	45	27																										
CONTRACT NO. 68F23																														
SCALE:		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT																										



ELEVATION VIEW OF PAVEMENT

NOTE:
THIS DETAIL APPLIES TO THE MILLING TO
BE PERFORMED PRIOR TO THE COLD IN-PLACE
RECYCLING.

NOT TO SCALE

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PLOT DATE = 12/13/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

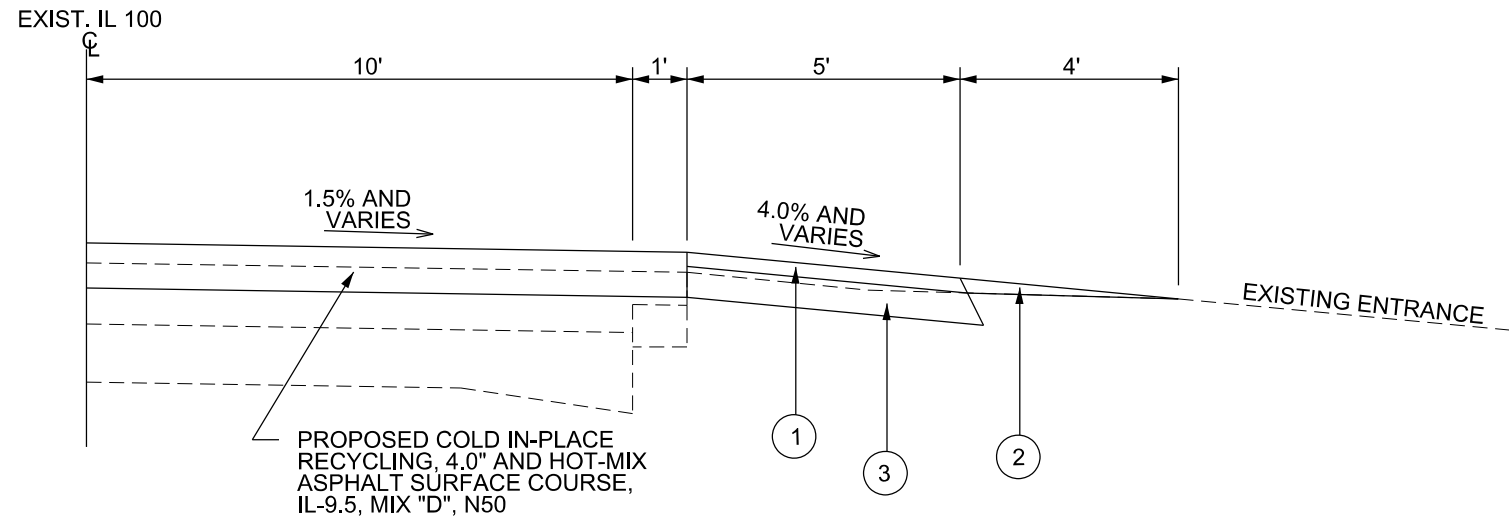
IL 100
MILLING TRANSITION DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

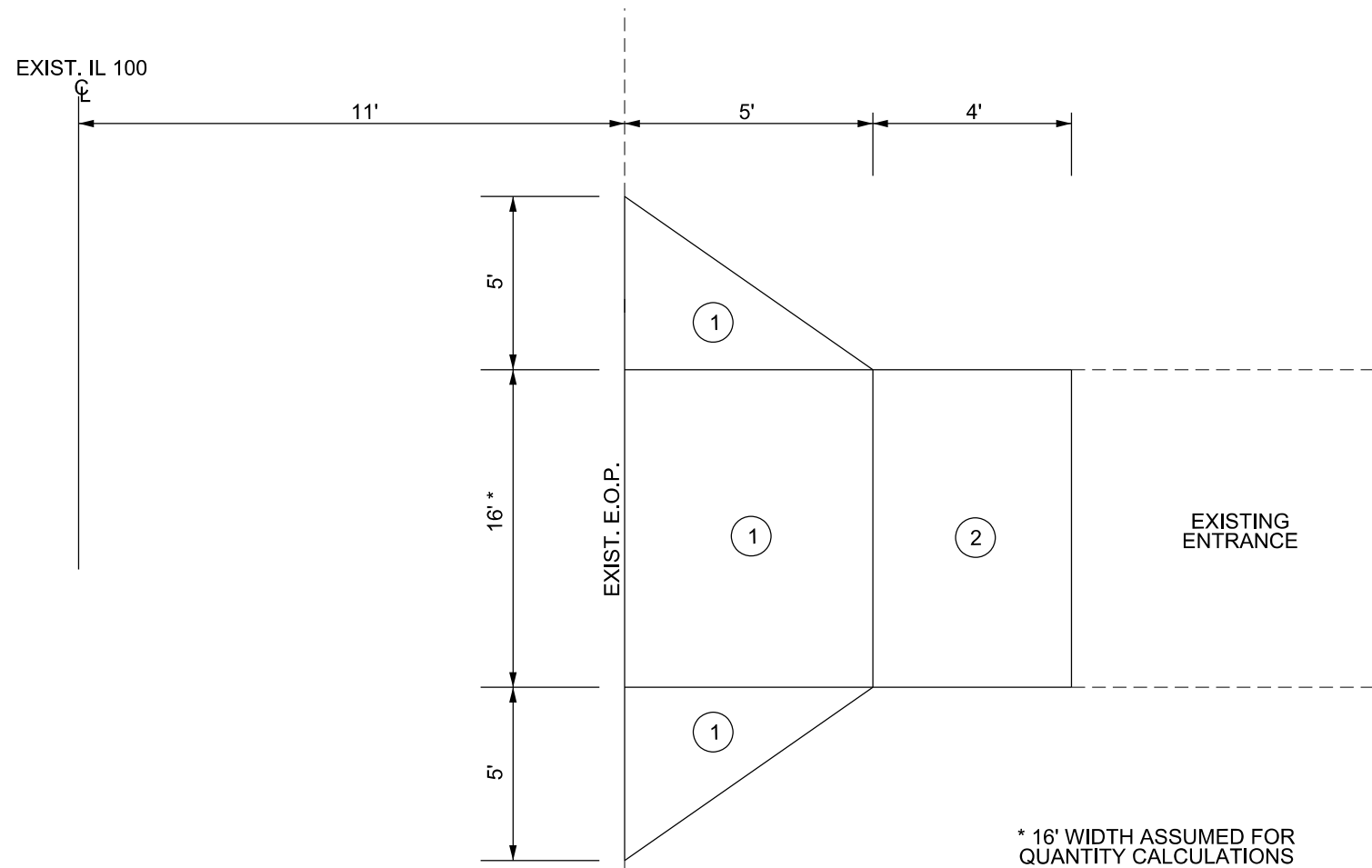
FULTON & SCHUYLER

PRIVATE OR COMMERCIAL AGGREGATE ENTRANCE WITH NO EXISTING PAVED APRON



PROPOSED SECTION AT ENTRANCE

- LEGEND:**
- ① INCIDENTAL HOT-MIX ASPHALT SURFACING (1 1/2")
 - ② AGGREGATE SURFACE COURSE, TYPE B
 - ③ HOT-MIX ASPHALT BASE COURSE, 4"
 - ④ HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



PROPOSED PLAN VIEW AT ENTRANCE

NOT TO SCALE

FULTON & SCHUYLER

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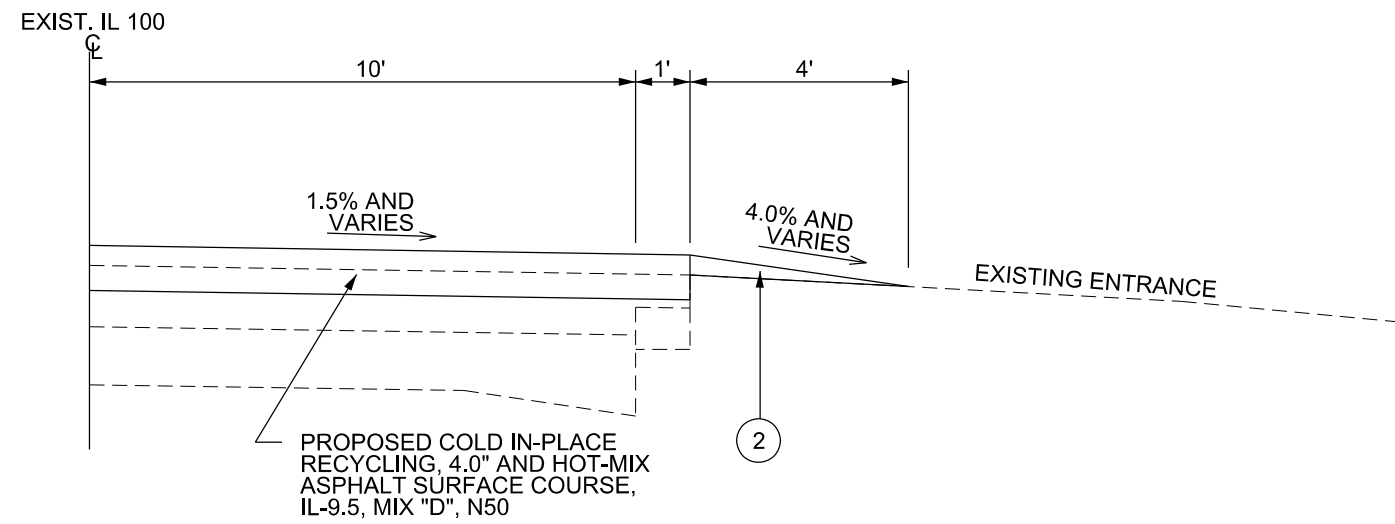
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 100
ENTRANCE DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	29
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

AGGREGATE FIELD ENTRANCE WITH NO EXISTING PAVED APRON



PROPOSED SECTION AT ENTRANCE

LEGEND:

- ① INCIDENTAL HOT-MIX ASPHALT SURFACING (1 1/2")
- ② AGGREGATE SURFACE COURSE, TYPE B
- ③ HOT-MIX ASPHALT BASE COURSE, 4"
- ④ HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

NOT TO SCALE

•FULTON & SCHUYLER

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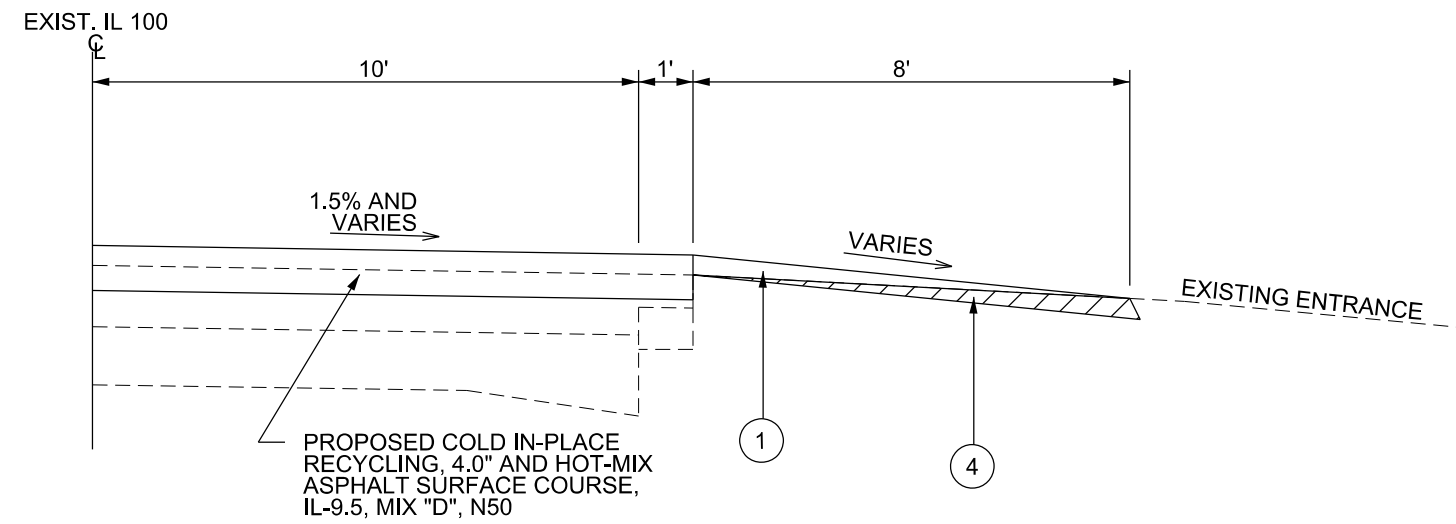
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 100
ENTRANCE DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	30
CONTRACT NO. 68F23				
ILLINOIS FED. AID PROJECT				

EXISTING HMA ENTRANCE



PROPOSED SECTION AT ENTRANCE

LEGEND:

- ① INCIDENTAL HOT-MIX ASPHALT SURFACING (1 1/2")
- ② AGGREGATE SURFACE COURSE, TYPE B
- ③ HOT-MIX ASPHALT BASE COURSE, 4"
- ④ HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

NOT TO SCALE

•FULTON & SCHUYLER

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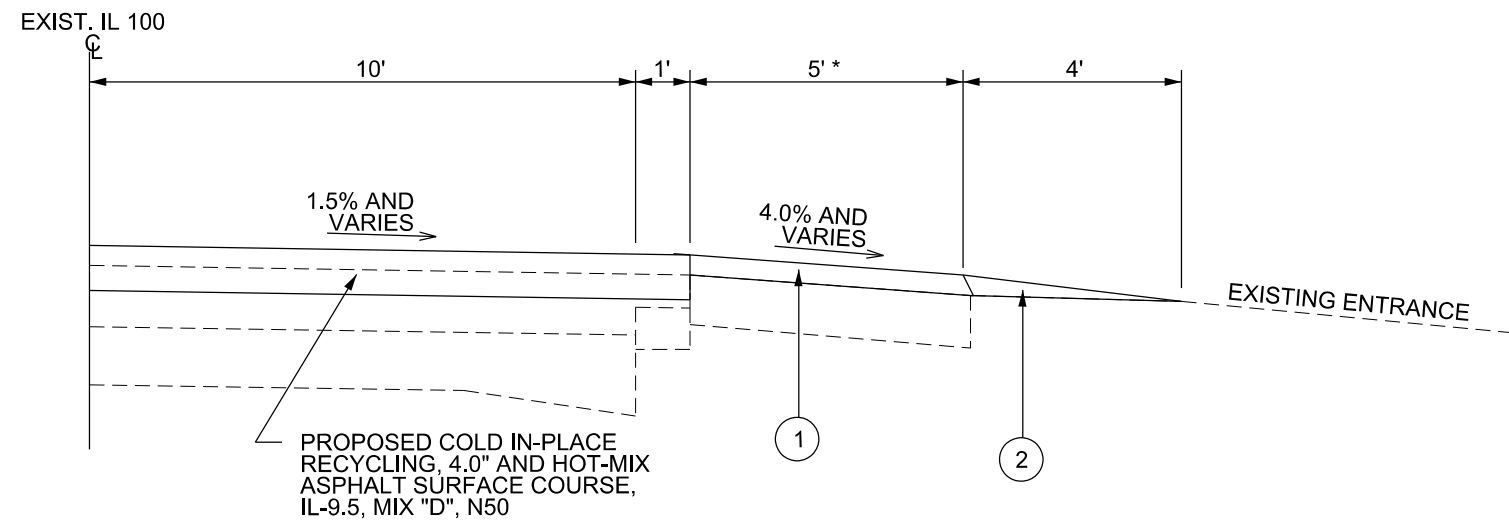
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 100
ENTRANCE DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	31
			CONTRACT NO. 68F23	
ILLINOIS FED. AID PROJECT				

AGGREGATE ENTRANCE WITH EXISTING PAVED APRON



- LEGEND:**
- ① INCIDENTAL HOT-MIX ASPHALT SURFACING (1 1/2")
 - ② AGGREGATE SURFACE COURSE, TYPE B
 - ③ HOT-MIX ASPHALT BASE COURSE, 4"
 - ④ HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

PROPOSED SECTION AT ENTRANCE

* 5' WIDTH OF EXSTING APRON ASSUMED FOR QUANTITY CALCULATIONS

NOT TO SCALE

•FULTON & SCHUYLER

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PLOT DATE = 12/13/2019	DATE -	REVISED -

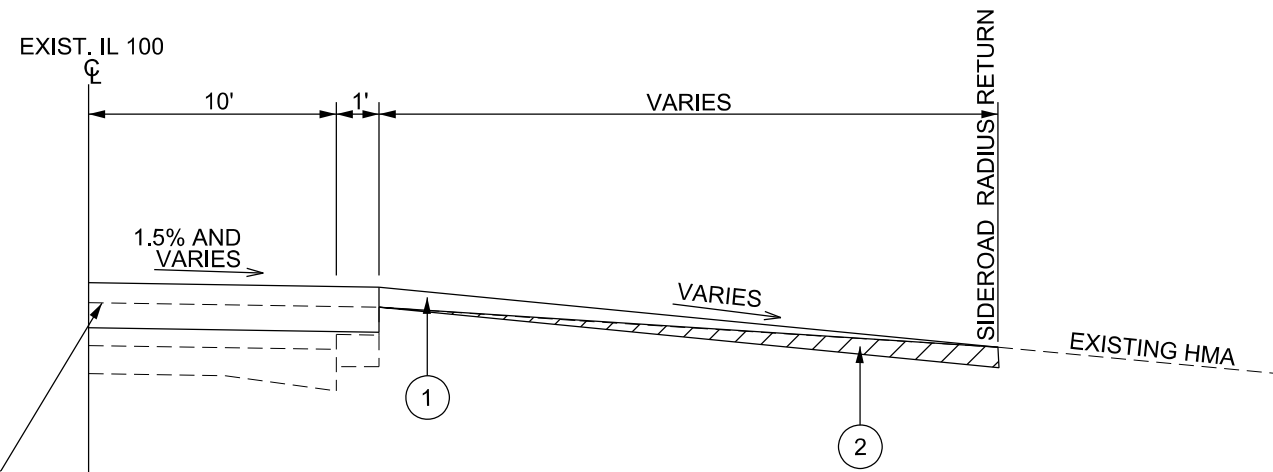
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 100
ENTRANCE DETAILS**

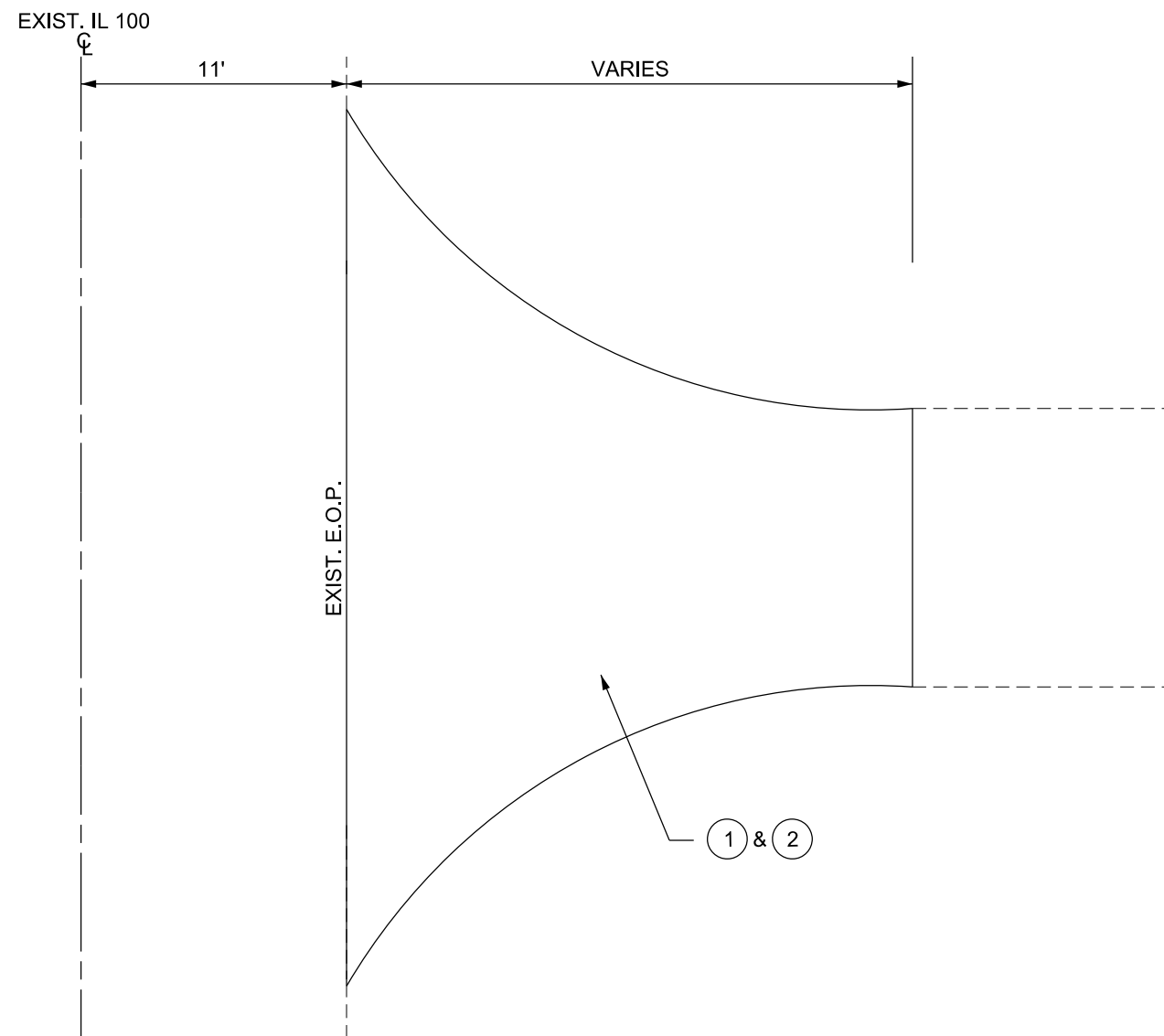
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	32
CONTRACT NO. 68F23			ILLINOIS FED. AID PROJECT	

PROPOSED COLD IN-PLACE RECYCLING, 4.0" AND HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50



PROPOSED SECTION AT SIDEROAD



PROPOSED PLAN VIEW AT SIDEROAD

LEGEND:

- ① INCIDENTAL HOT-MIX ASPHALT SURFACING (1 1/2")
- ② HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

NOT TO SCALE

FULTON & SCHUYLER

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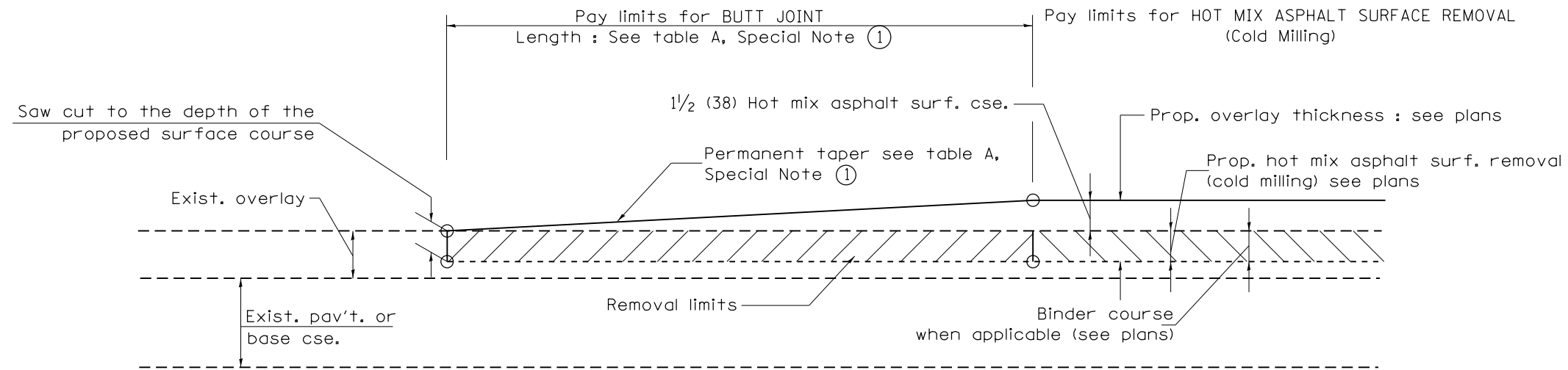
USER NAME = diazaa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 9.6000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 100
SIDEROAD DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	33
CONTRACT NO. 68F23			ILLINOIS FED. AID PROJECT	



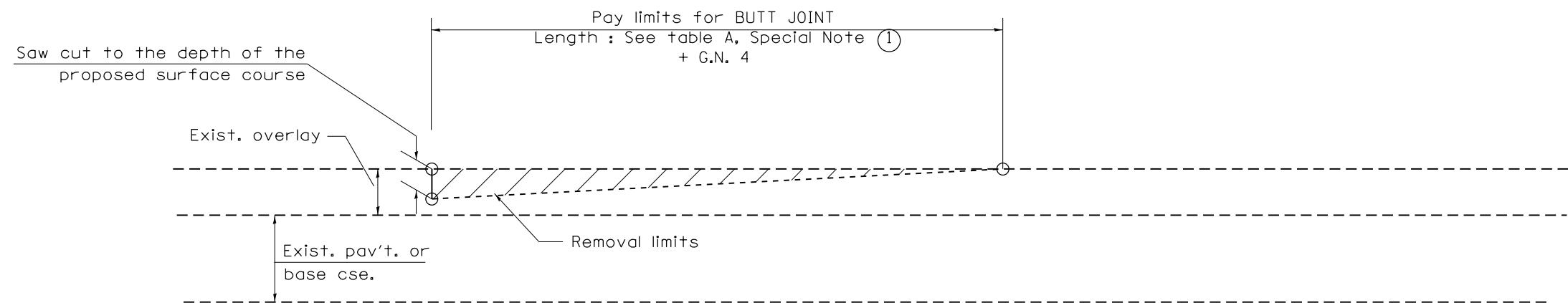
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**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. •FULTON & SCHUYLER

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.

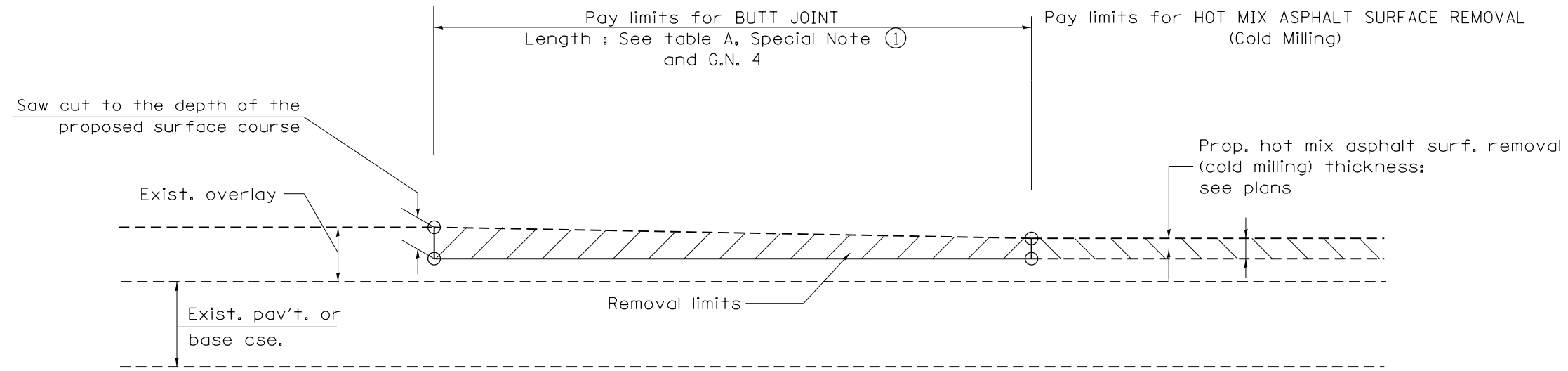
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS

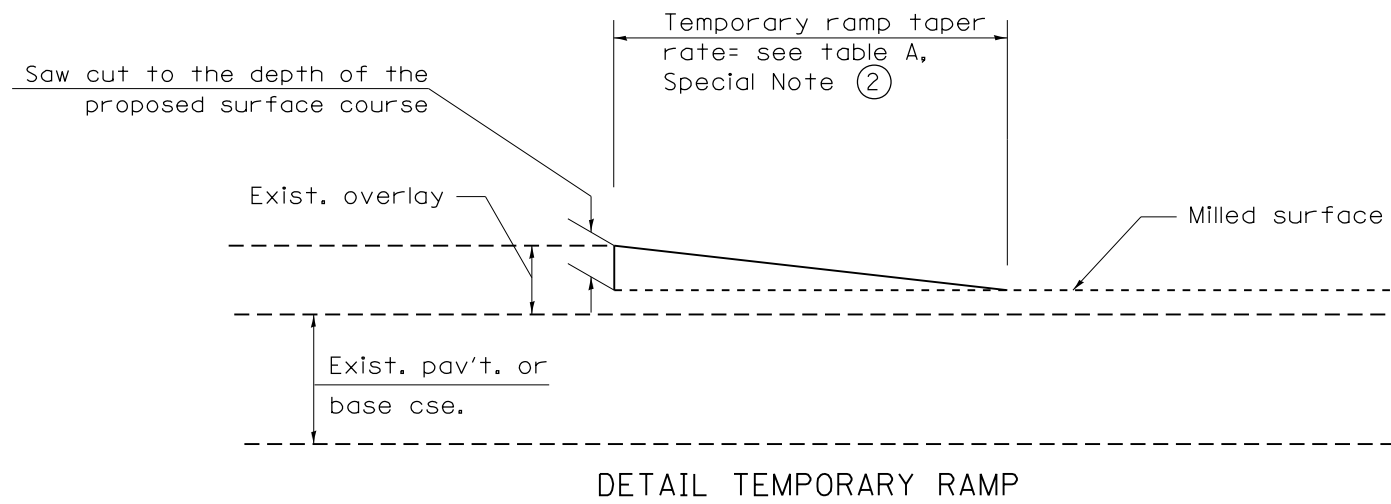
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F23	

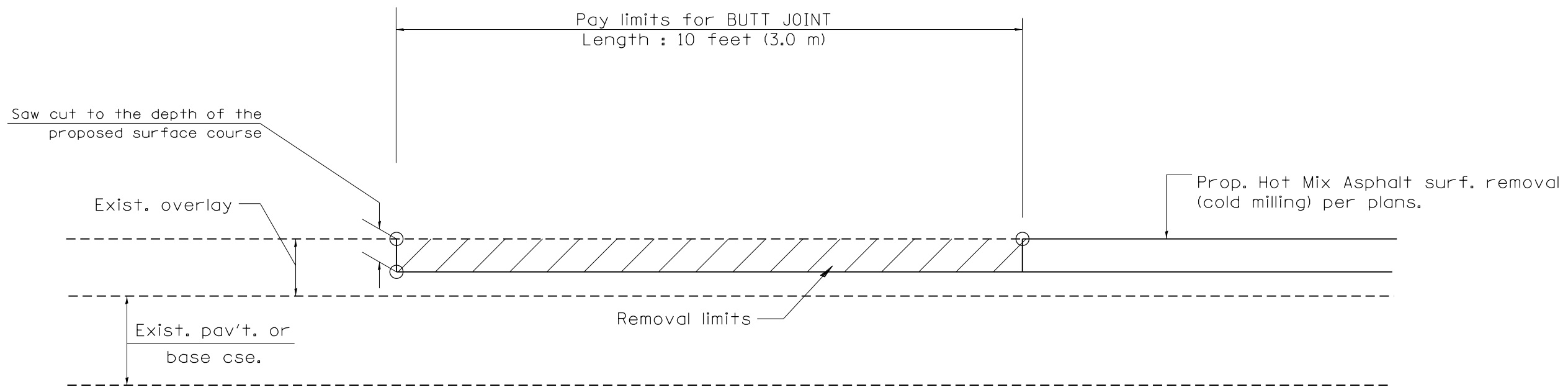


CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



All dimensions are in inches (millimeters) unless otherwise noted. •FULTON & SCHUYLER

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
				NOT TO SCALE		CONTRACT NO. 68F23		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
612	(109,110)RS-3	•	45	35					



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

All dimensions are in inches (millimeters) unless otherwise noted. •FULTON & SCHUYLER

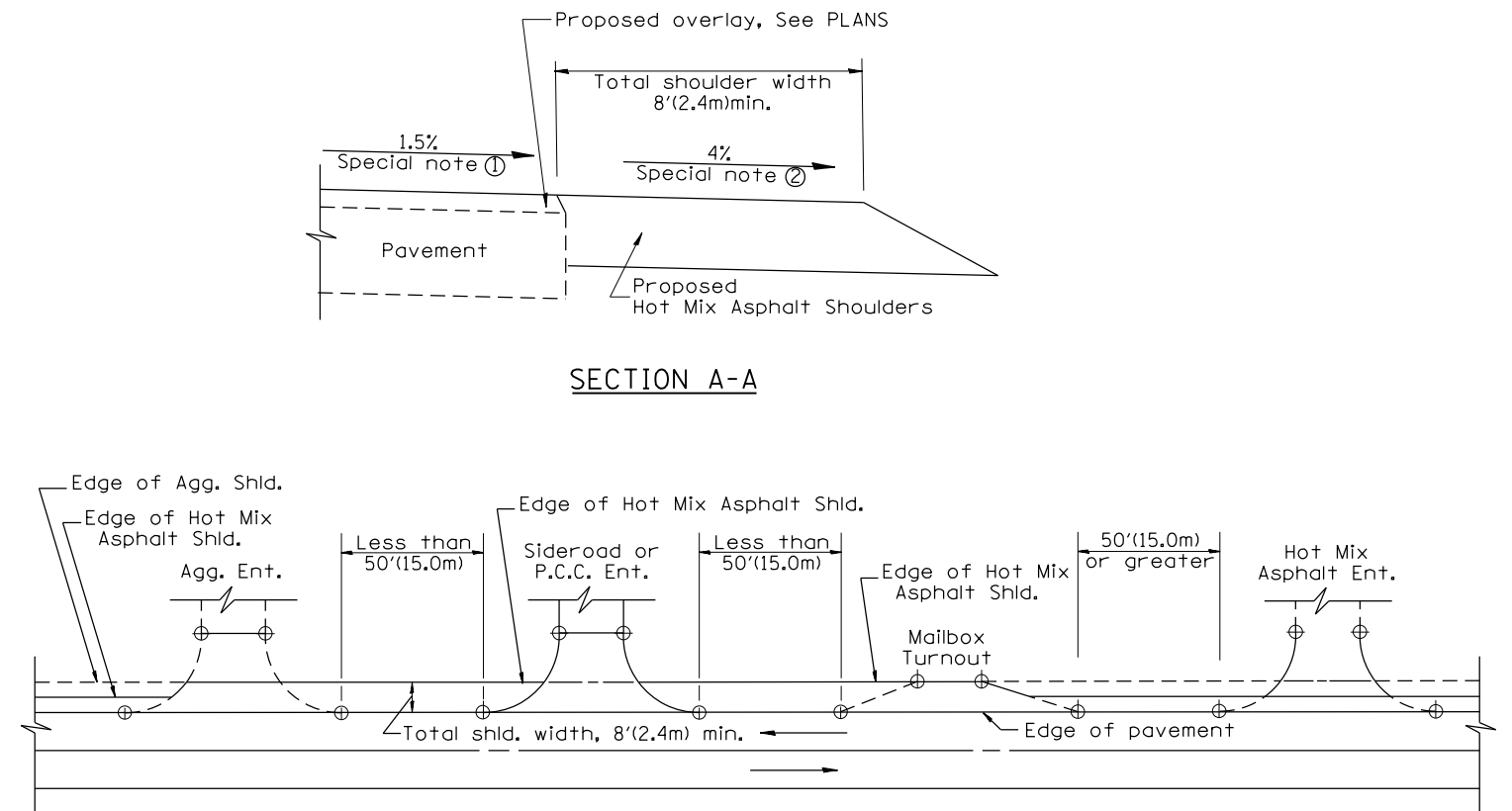
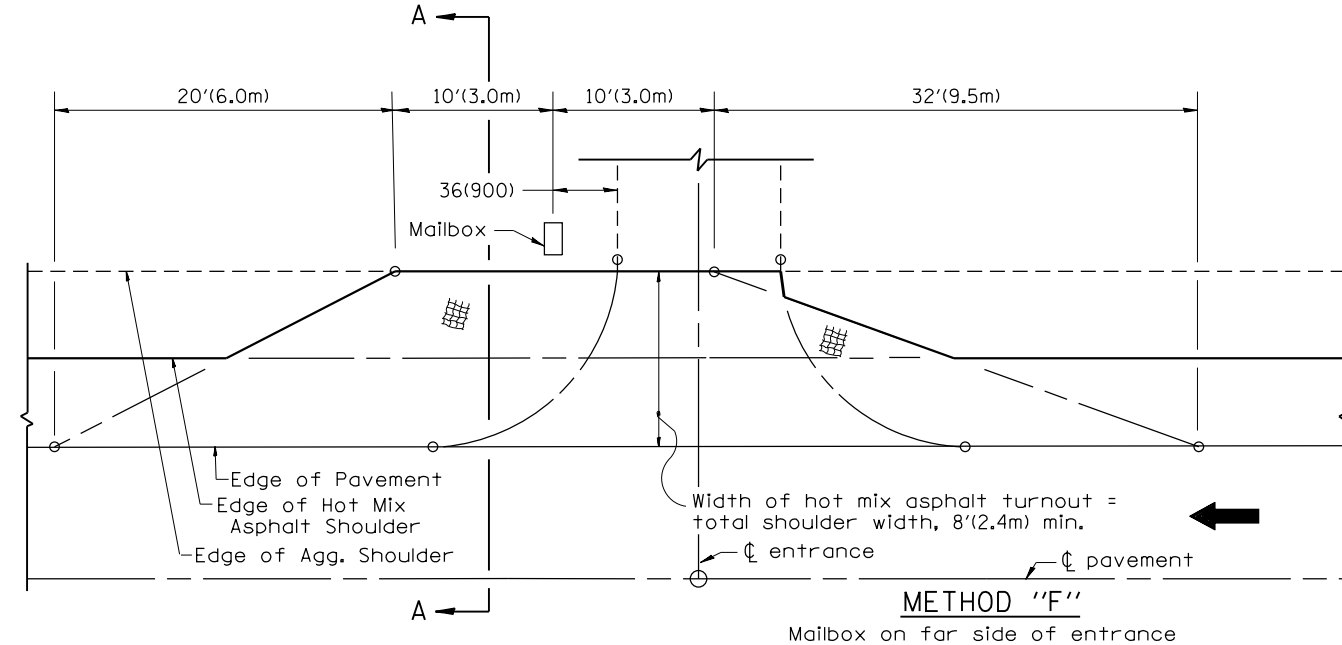
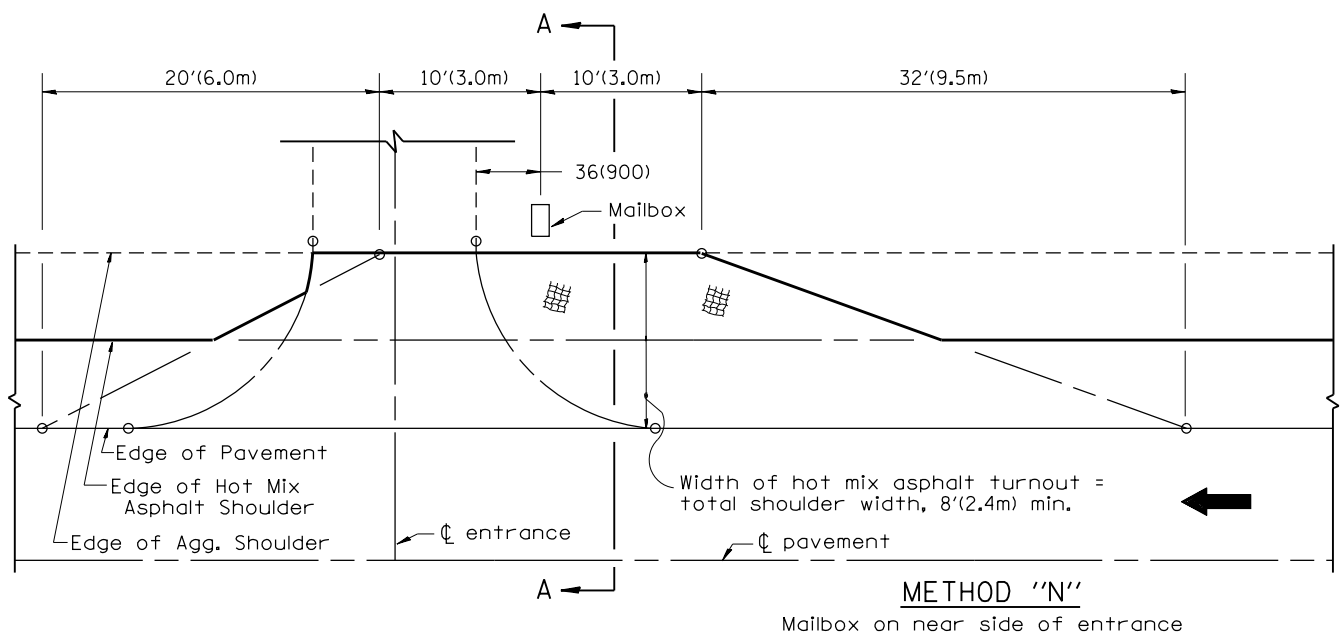
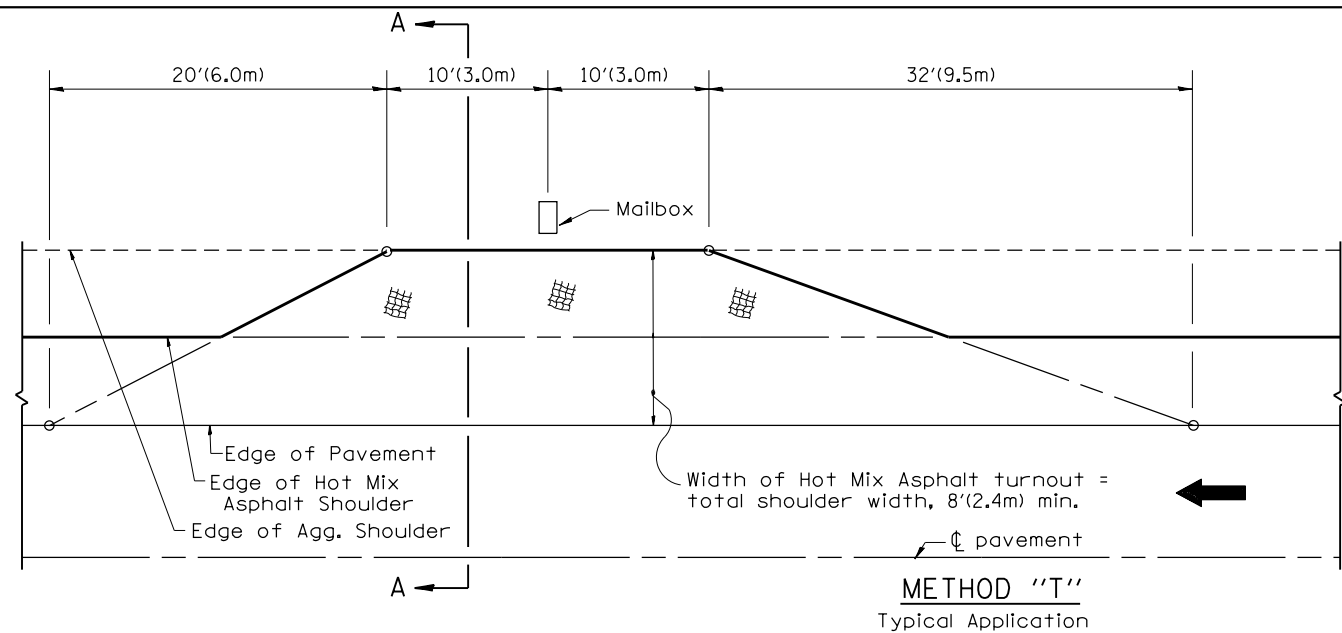
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS

NOT TO SCALE

SHT. 3 OF 3
CADD STD. 406101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	•	45	36
FED. ROAD DIST. NO.			CONTRACT NO. 68F23	
ILLINOIS			FED. AID PROJECT	



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

GENERAL NOTES

- Mailbox turnouts shall slope away from the pavement edge at a rate equal to the shoulder slope. See SECTION A-A.
- The total shoulder width, 8'(2.4m) 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'(15.0m). See DETAIL A.
- Mailboxes shall be mounted such that the face of the mailbox is 6(150) to 12(300) and the post a minimum of 24(600) from the edge of the turnout surfacing.

SPECIAL NOTES

- The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.
- 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'(1.8m) and wider and 12% for shoulders 4'(1.2m) and less. Where 12(300) 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 (millimeters) unless otherwise noted.
•FULTON & SCHUYLER

01-01-97	RENUM. C-90.01, NEW REVISION BOX	T.P.
07-01-97	REVISE DESIGNER NOTES	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

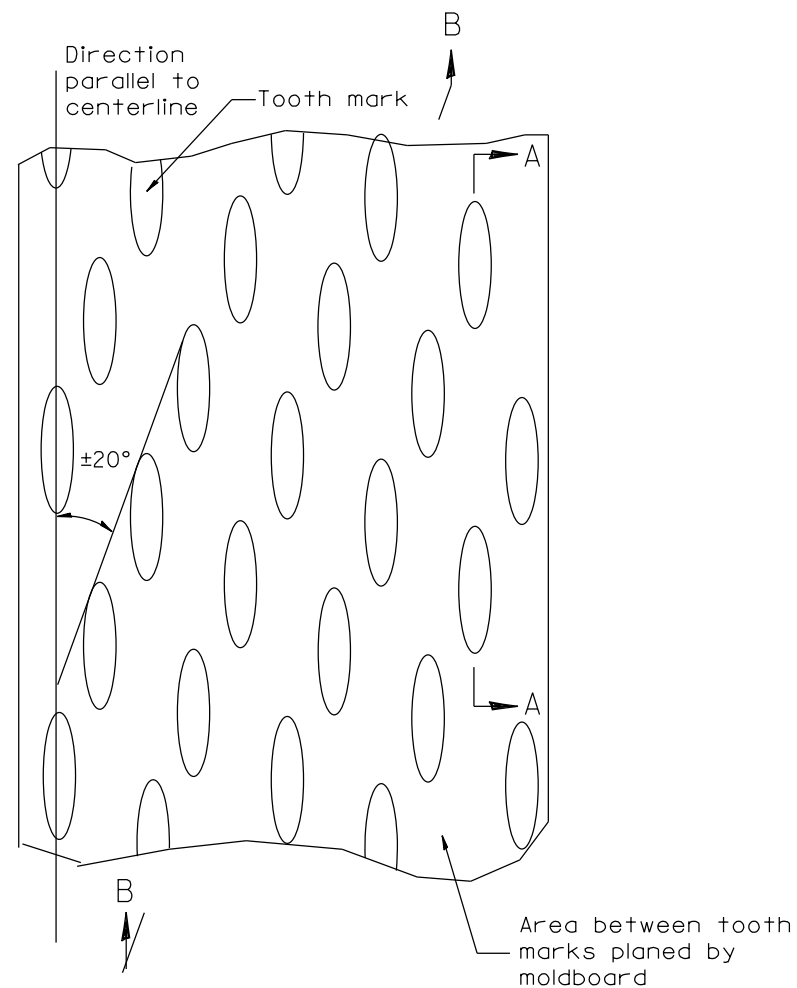
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUTS FOR "3R" PROJECTS

NOT TO SCALE

CADD STD. 406201-D4

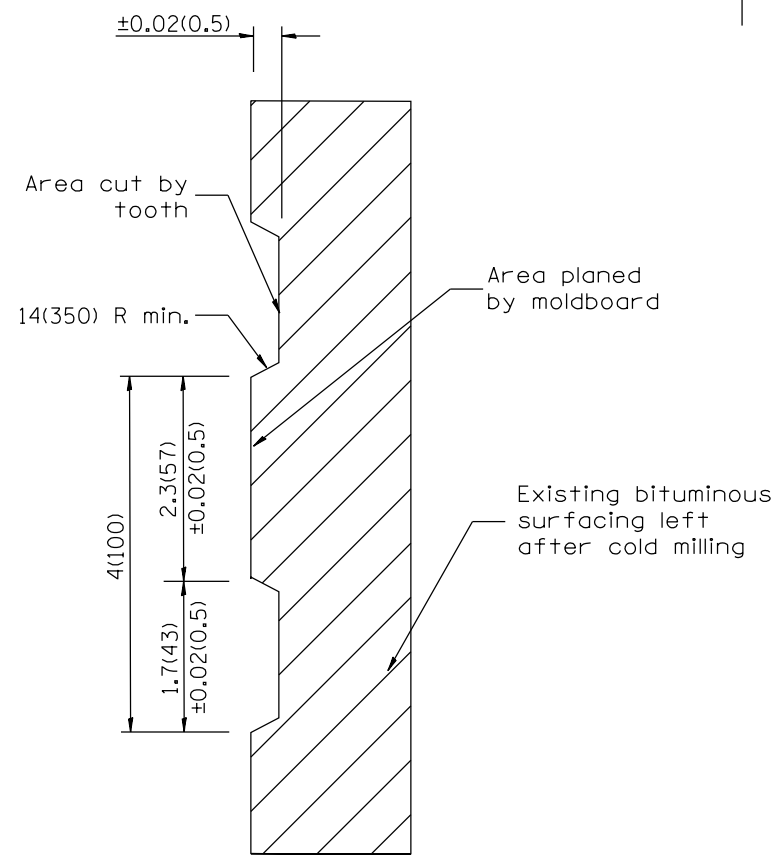
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3		45	37
CONTRACT NO. 68F23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



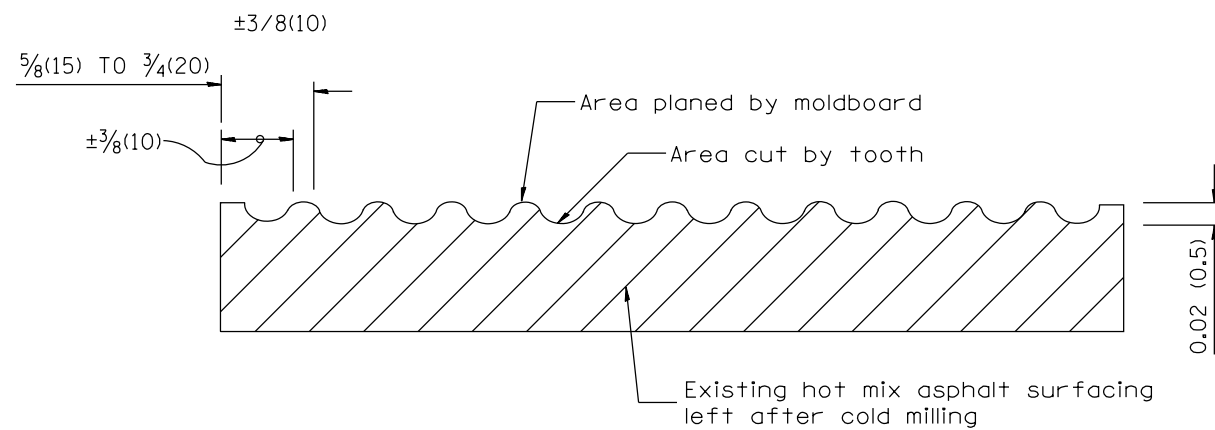
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

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

•FULTON & SCHUYLER

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

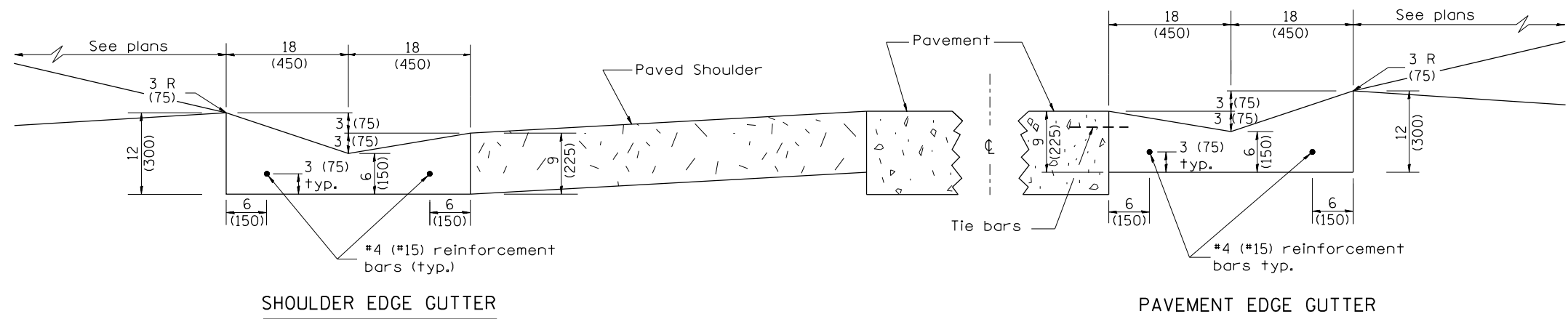
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

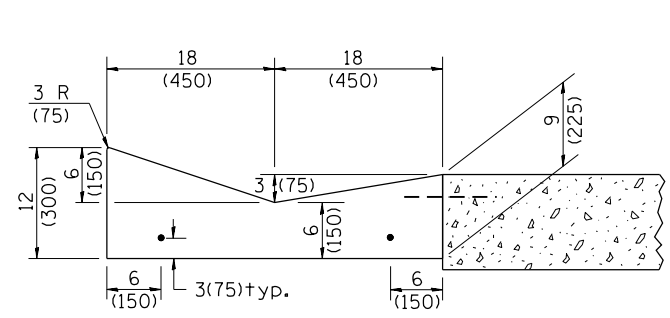
NOT TO SCALE

CADD STD. 440001-D4

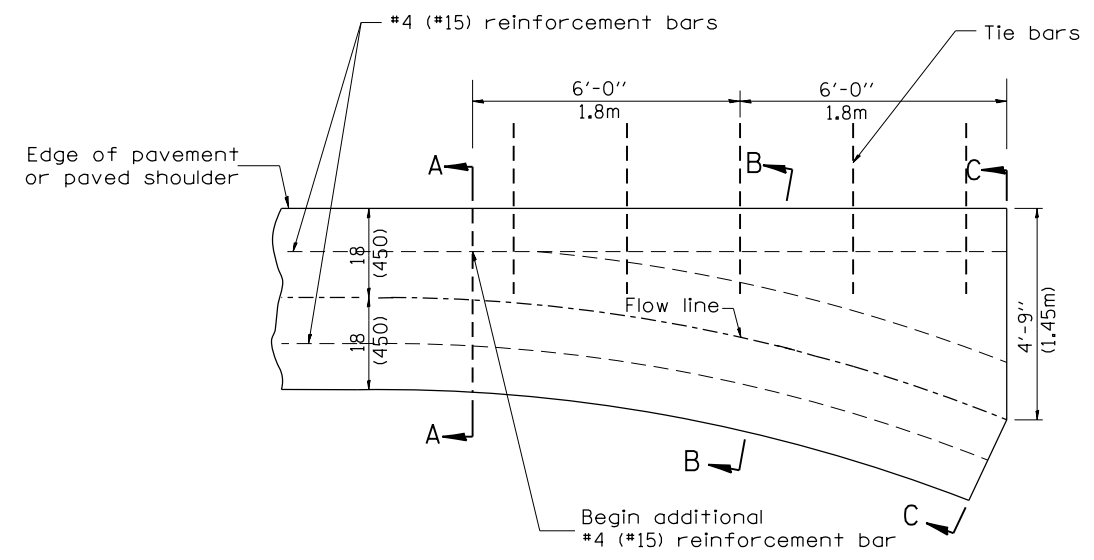
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	38
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F23	



CONCRETE GUTTER, TYPE A, (SPECIAL)



SECTION A-A

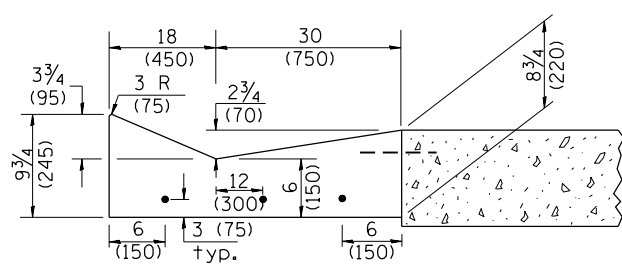


PLAN

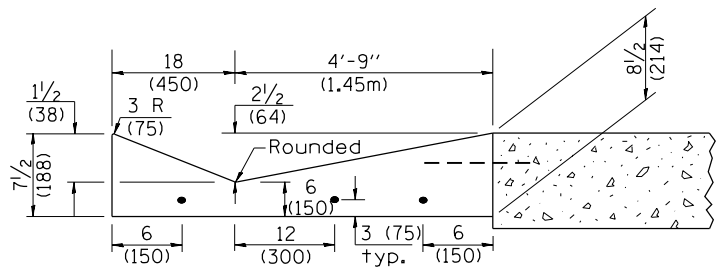
QUANTITY
Section C-C to A-A= 1.2 cu. yd.
(0.92 m³) concrete.

GENERAL NOTES:

1. CONCRETE GUTTER, TYPE A, (SPECIAL) shall conform to the applicable portions of Section 606.
2. Tie bars shall be No. 6x24 (No. 19x600) at 36" (900mm) centers unless otherwise shown.
3. Gutter, gutter inlets, gutter outlets, and gutter entrances shall be tied to rigid pavement in accordance with details shown on Standard 420001.
4. Joints shall be constructed in accordance with Article 606.06.
5. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 58 lbs/100 sq.ft. (2.83 kg/m²).



SECTION B-B



SECTION C-C

INLET

QUANTITIES
CALC. BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

01-01-97	RENUM. A-1.02, NEW REVISION BOX, ELIMINATED	T.P.	01-10-07	REVISED QUANTITY	M.A.
	EXPANSION ANCHOR TIES		11-16-07	REVISED QUANTITY	M.A.
02-28-02	ENTRANCE TYPICALS REVISED	M.A.	02-15-11	CHANGED MODIFIED TO SPECIAL	R.D.
10-16-06	REVISED TO 2007 SPEC.	M.A.	01-31-18	REVISED TIE BAR SIZE & SPACING	R.D.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONCRETE GUTTER, TYPE A, (SPECIAL)
(INLET, OUTLET & ENTRANCE)**

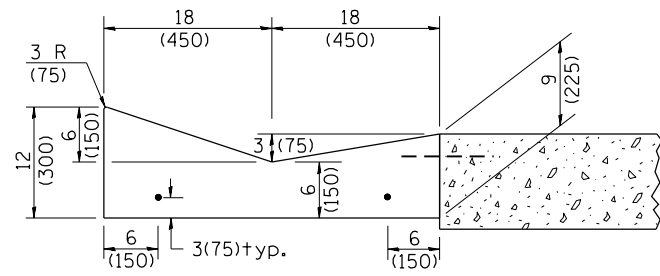
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 606101-D4

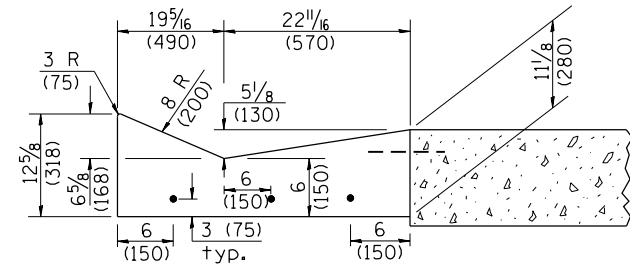
All dimensions are in inches (millimeters) unless otherwise noted.

•FULTON & SCHUYLER

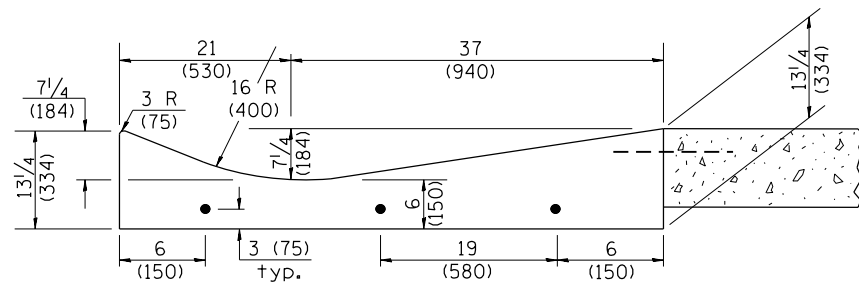
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	39
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F23	



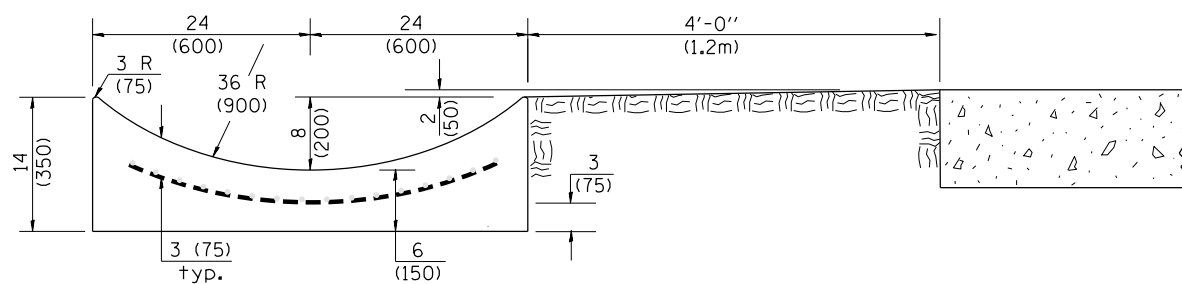
SECTION A-A



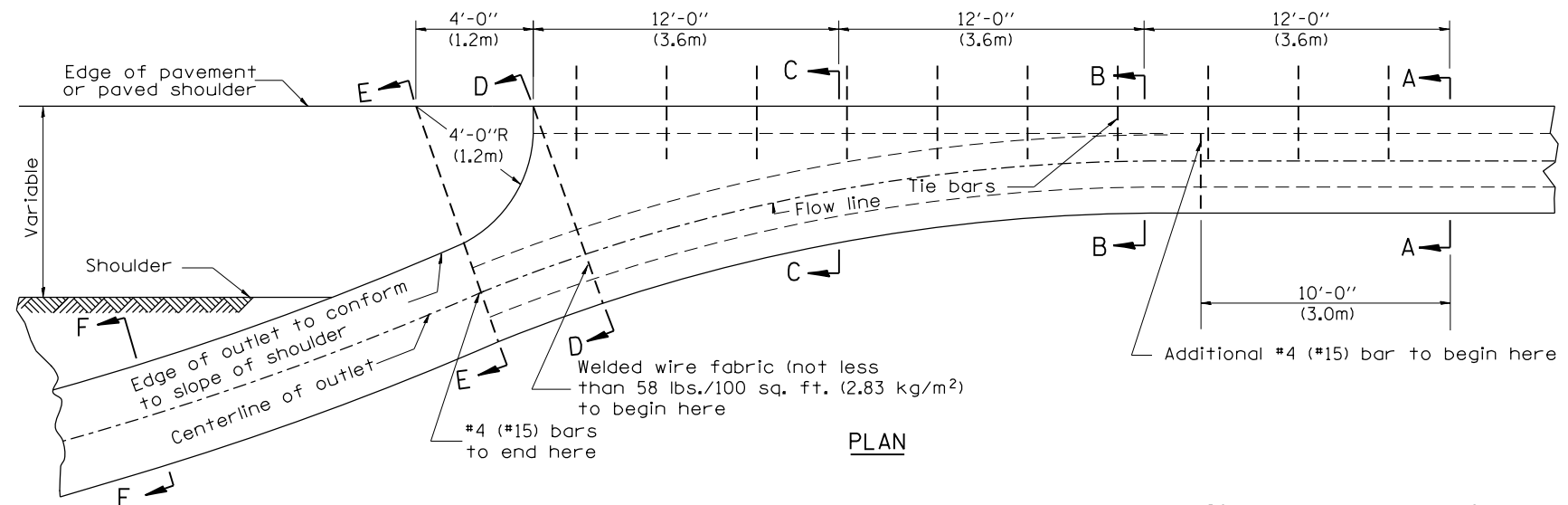
SECTION B-B



SECTION C-C



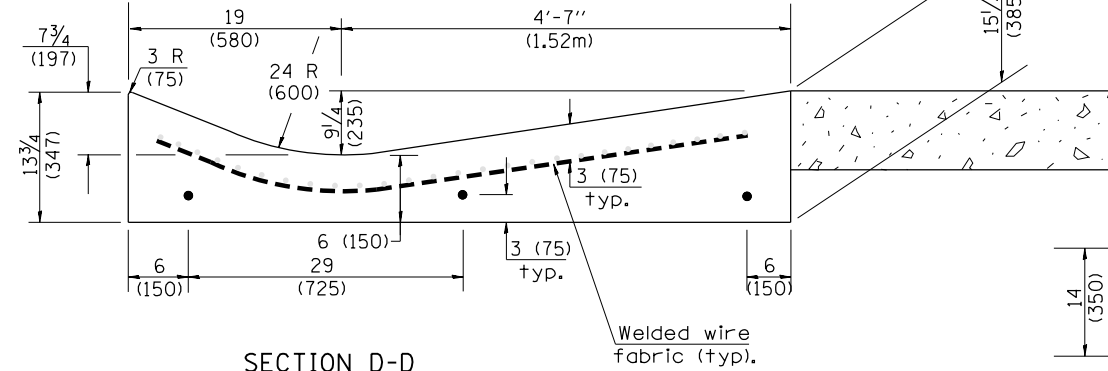
SECTION E-E



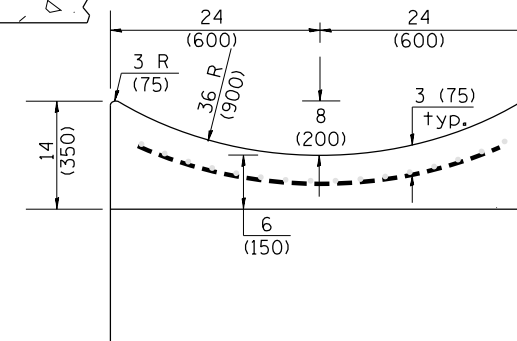
PLAN

QUANTITY
 Section A-A to E-E = 4.5 cu. yd. (3.36 m³) concrete.
 Section E-E to F-F = 0.10 cu. yd./ft. (0.26 m³/m) concrete.

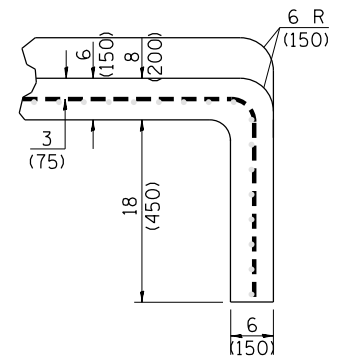
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 6 ft. (1.8 m) for each 1% increase in grade. A quantity adjustment is required.



SECTION D-D



SECTION F-F



SECTIONS AT END OF OUTLET
(CURTAIN WALL)

QUANTITY
 Curtain Wall = 0.1 cu. yd. (0.08 m³) concrete.

QUANTITIES
 CALC. BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

OUTLET

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

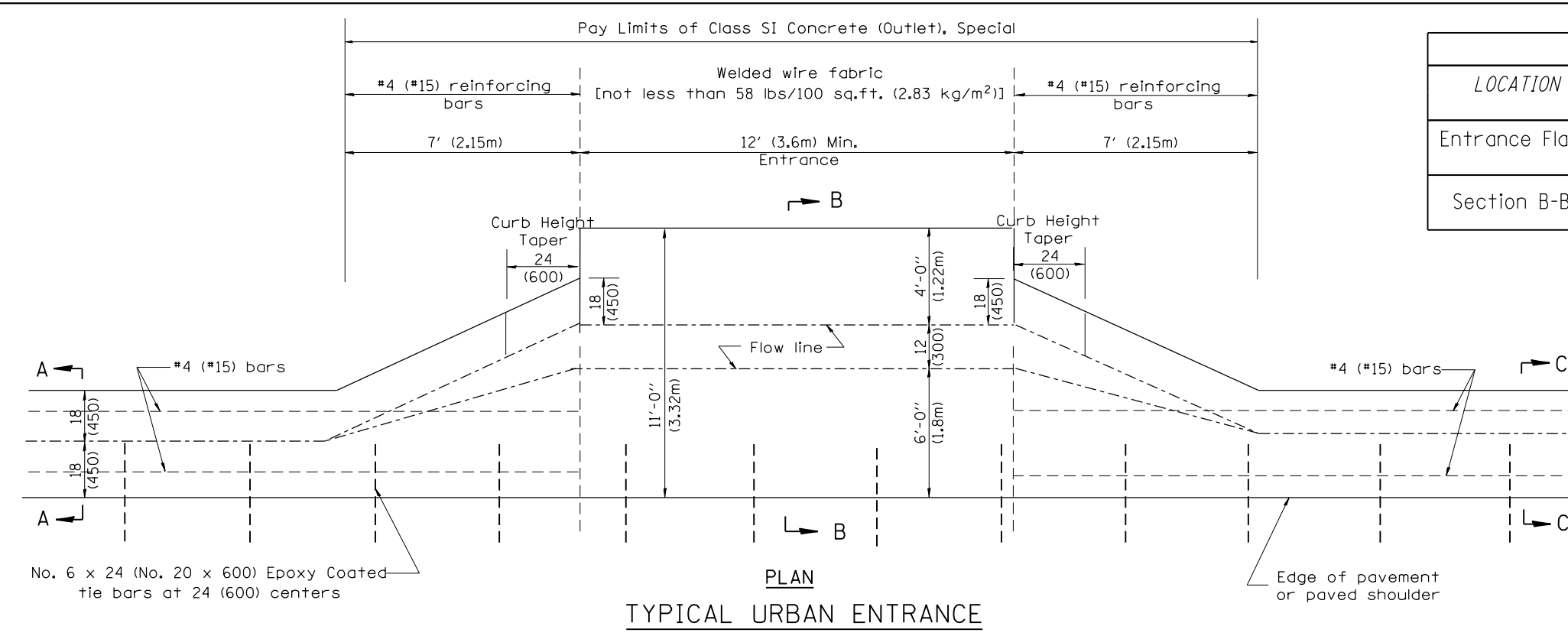
CONCRETE GUTTER, TYPE A, (SPECIAL)
 (INLET, OUTLET & ENTRANCE)

NOT TO SCALE

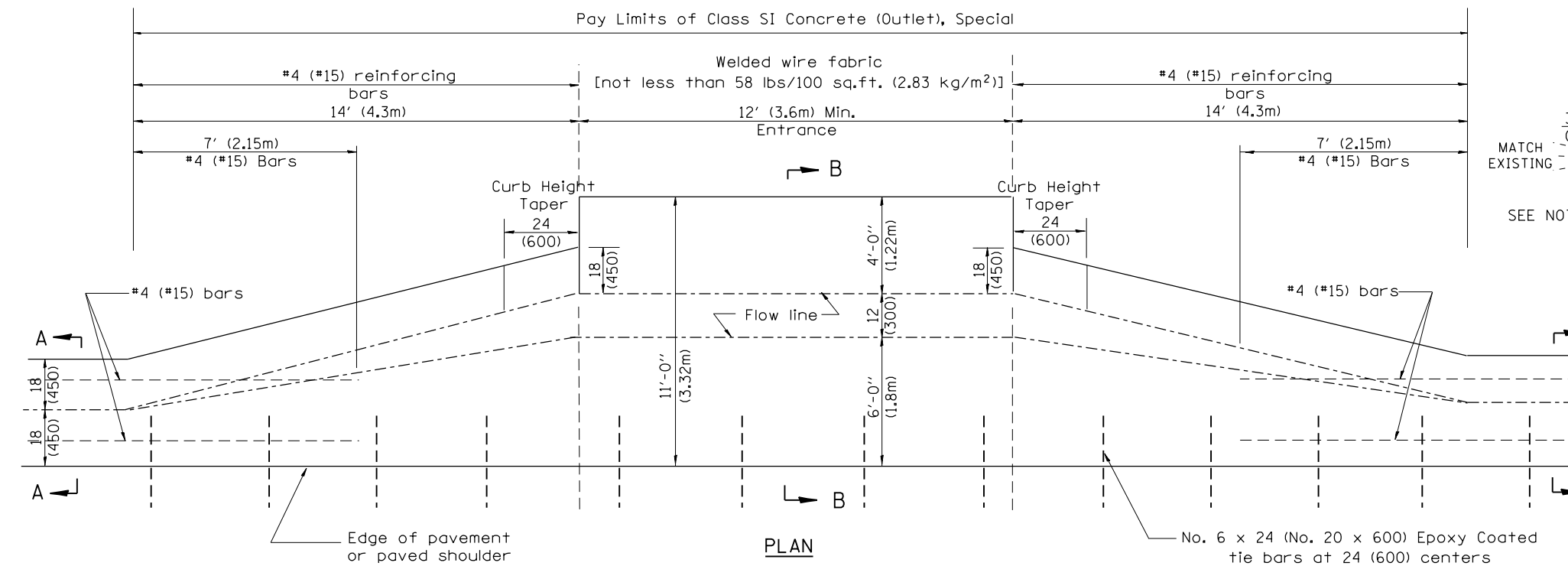
SHT. 2 OF 3
 CADD STD. 606101-D4

All dimensions are in inches (millimeters) unless otherwise noted.
 •FULTON & SCHUYLER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	40
CONTRACT NO. 68F23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TYPICAL URBAN ENTRANCE

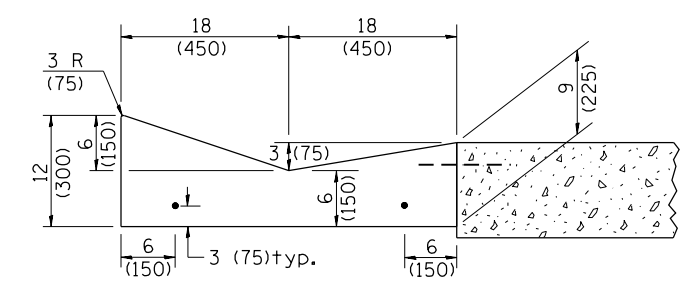


TYPICAL RURAL ENTRANCE

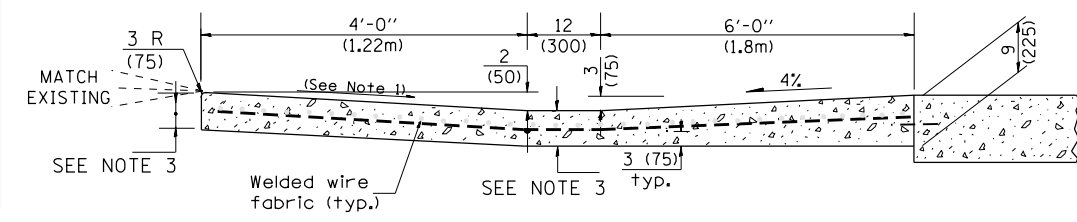
QUANTITIES	
CALC. BY:	DATE:
CHECKED BY:	DATE:

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

QUANTITY CALCULATION			
LOCATION	LENGTH	NON-COMMERCIAL 6 (150)	COMMERCIAL ENTRANCE 8 (200)
Entrance Flare	7 Ft (2.15 m) Urban 14 Ft (4.30 m) Rural	0.15 Cu Yd / Ft (0.37 Cu M / M)	0.18 Cu Yd / Ft (0.45 Cu M / M)
Section B-B	See Plans	0.23 Cu Yd / Ft (0.57 Cu M / M)	0.28 Cu Yd / Ft (0.70 Cu M / M)



SECTION A-A & C-C



SECTION B-B

- GENERAL NOTES**
- Slope may be increased from 4% (min.) to 6% (max.) in order to match the existing.
 - The cross-slope is to be constructed as given in the plans from back turnout to where driveway matches existing.
 - For Non-Commercial Entrances the driveway thickness shall be 6 (150). For Commercial Entrances the driveway thickness shall be 8 (200).

All dimensions are in inches (millimeters) unless otherwise noted.
•FULTON & SCHUYLER

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

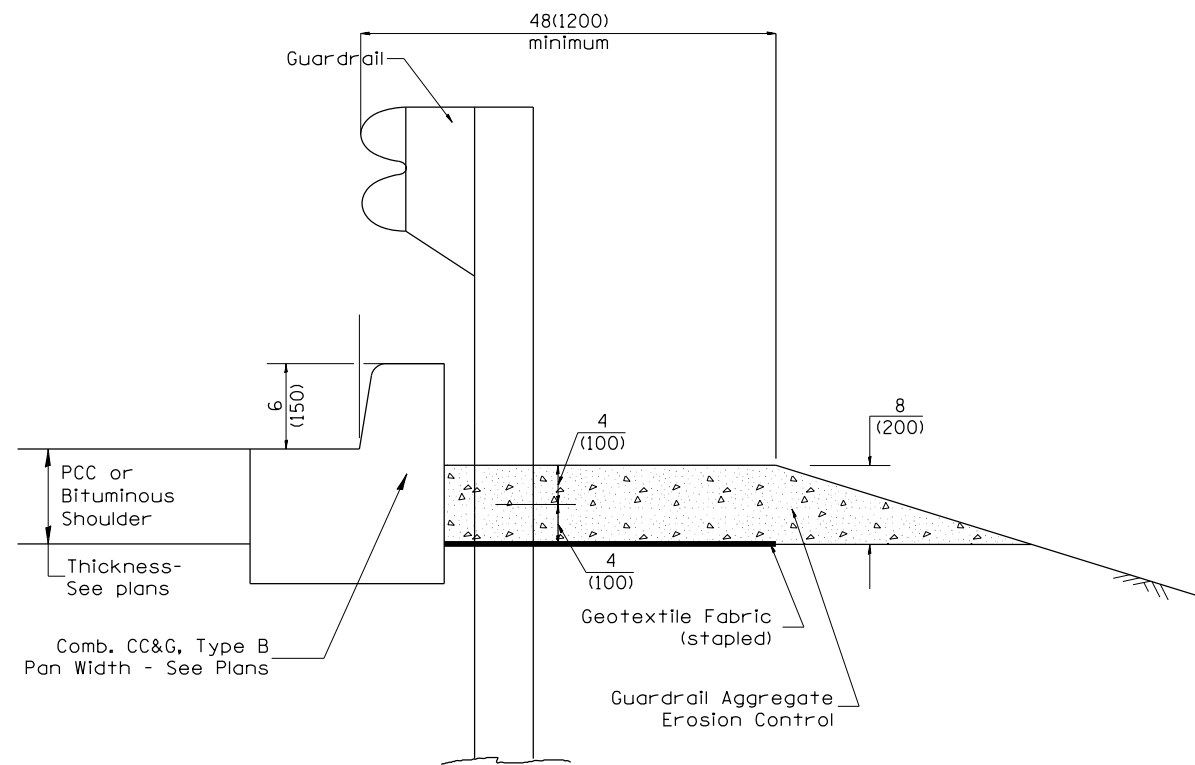
**CONCRETE GUTTER, TYPE A, (SPECIAL)
(INLET, OUTLET & ENTRANCE)**

SHT. 3 OF 3
CADD STD. 606101-D4

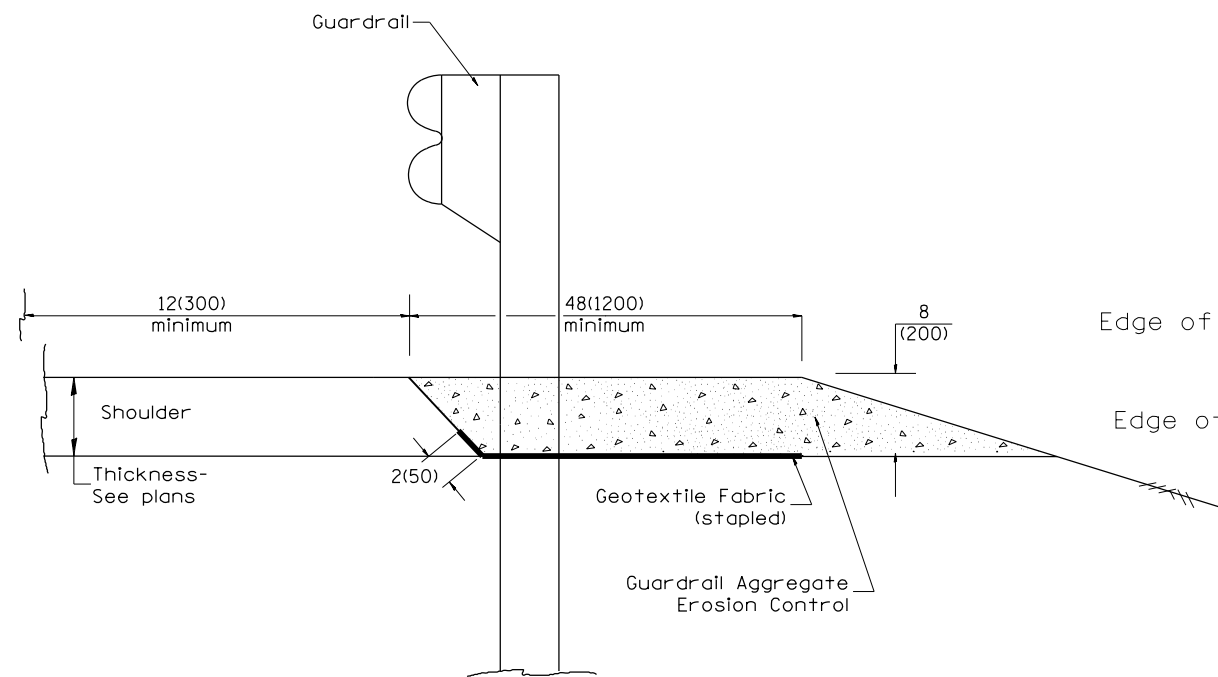
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	-	45	41

CONTRACT NO. 68F23
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

NOT TO SCALE



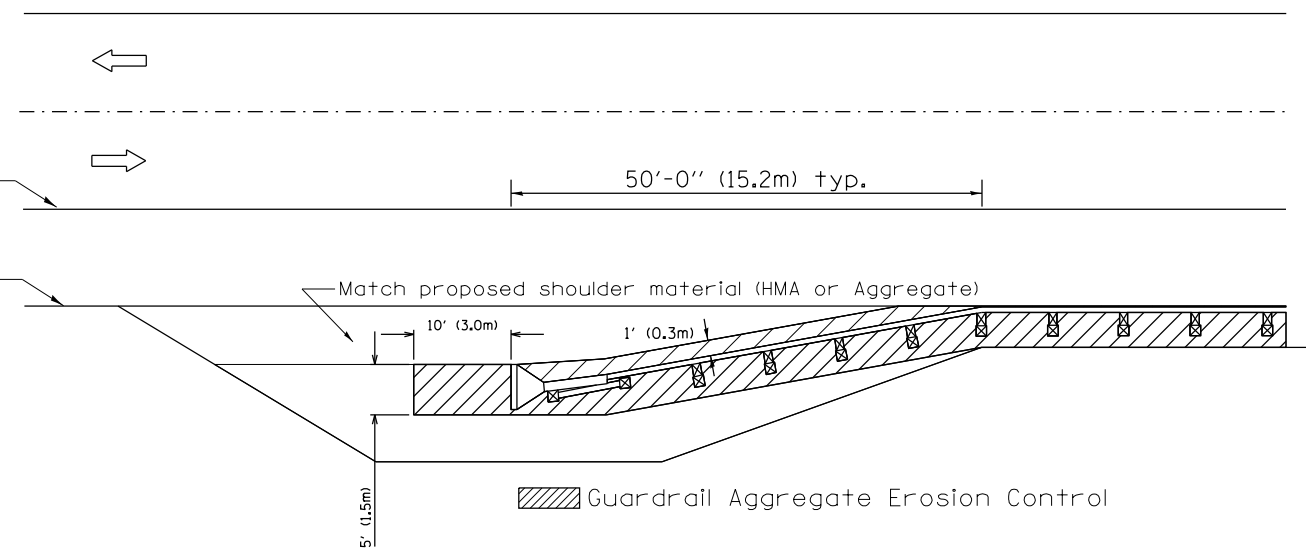
TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



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

03-07-11	ADDED DETAIL SHOWING PLAN VIEW	R.D.	5-30-18	CHANGE B CURB TO CC&G	R.D.
08-10-12	REVISED CURB "B" AND AGGREGATE	R.D.	07-16-19	SPELLING CORRECTIONS	R.D.
07-15-15	ADDRESSED SHOULDER INLET CURB	R.D.			
01-26-17	REVISED	R.D.			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

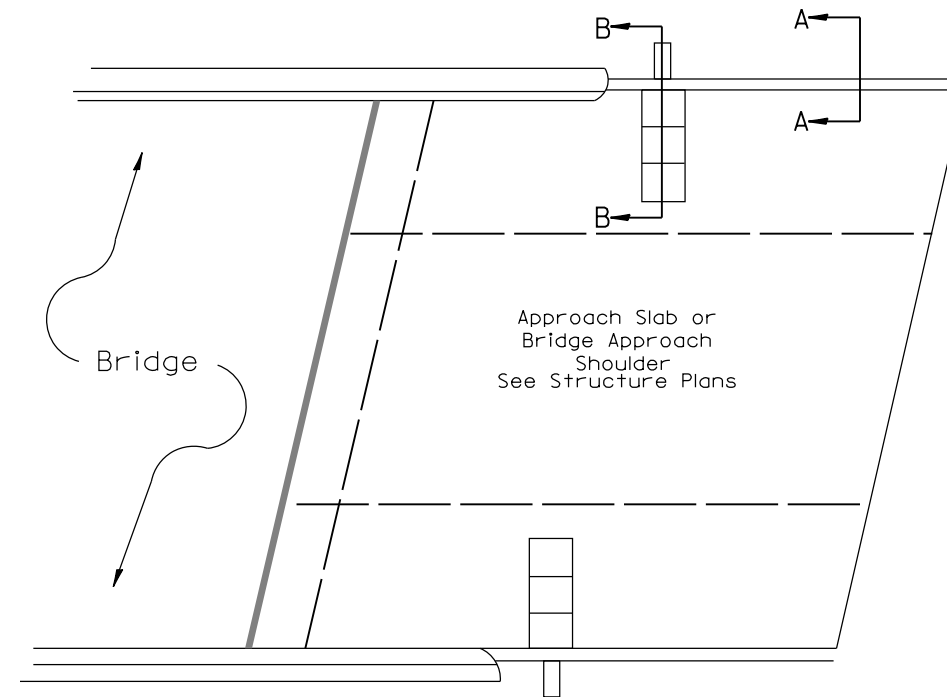
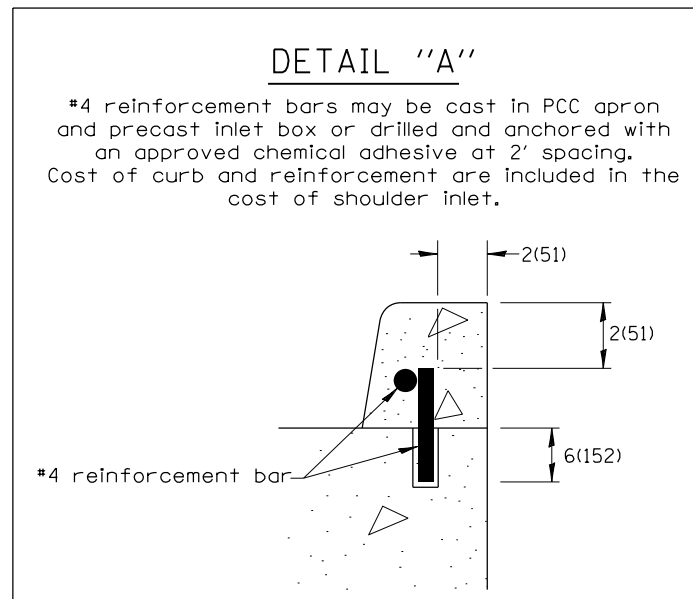
GUARDRAIL EROSION CONTROL TREATMENTS

SHT. 1 OF 2
CADD STD. 630101-D4

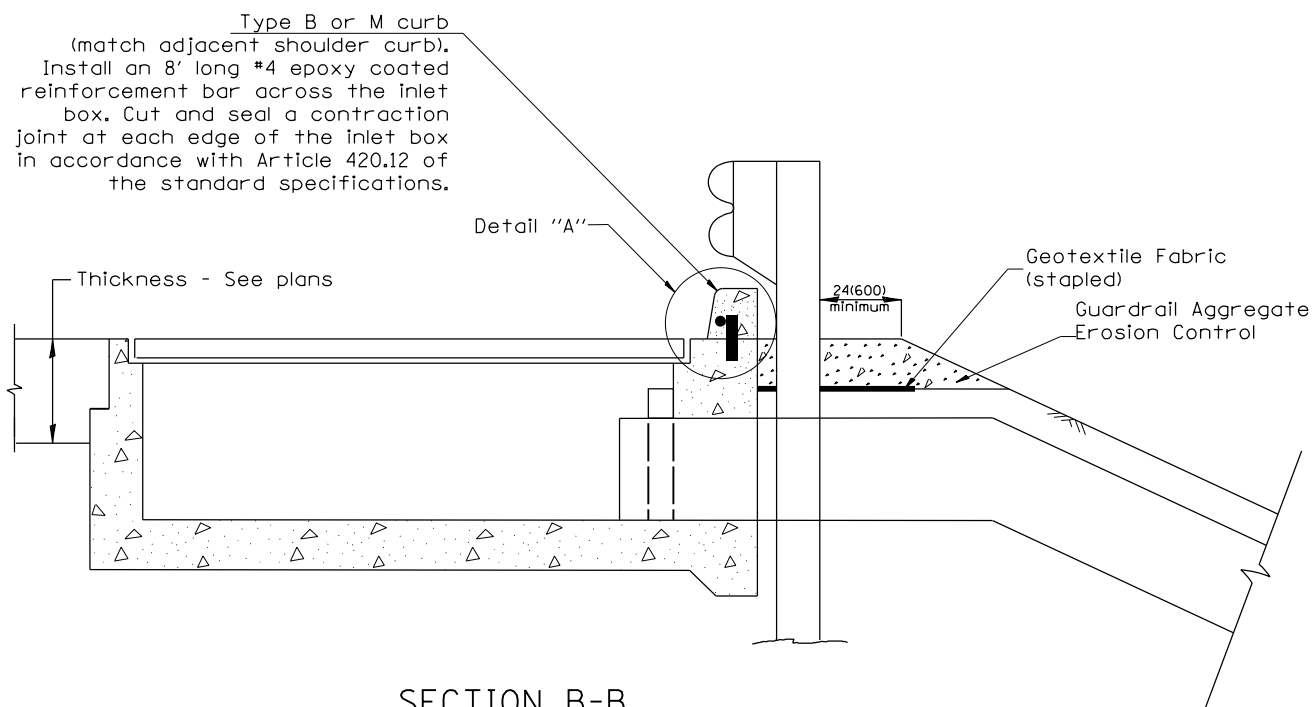
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	42
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F23	

•FULTON & SCHUYLER

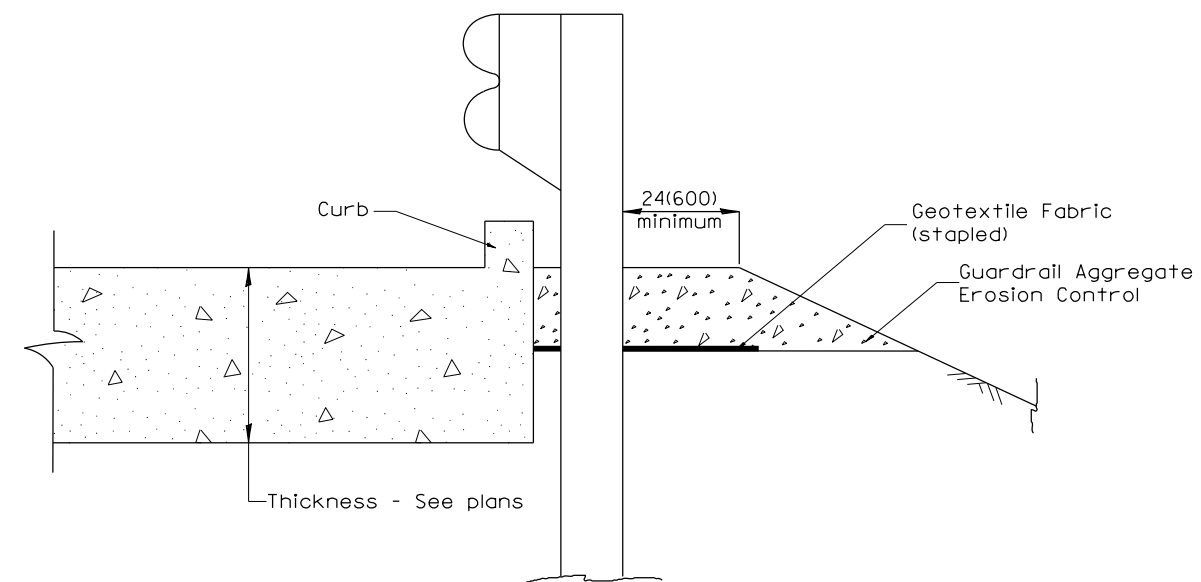
TYPICAL TREATMENT:



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 (millimeters) unless otherwise noted.

•FULTON & SCHUYLER

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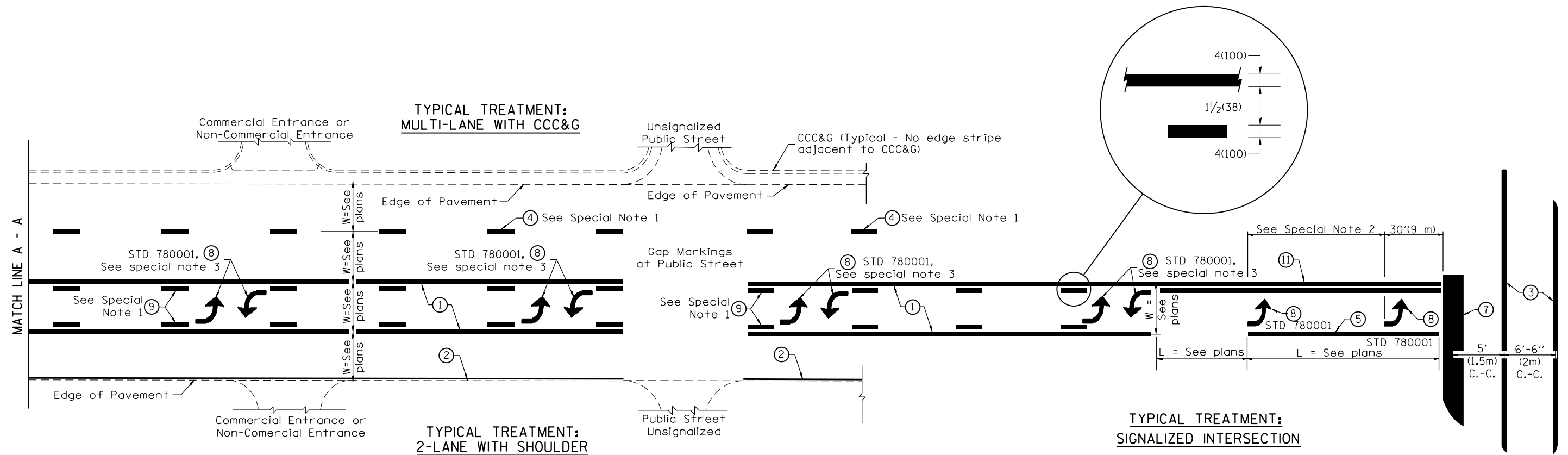
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

NOT TO SCALE

SHT. 2 OF 2
CADD STD. 630101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-3	*	45	43
CONTRACT NO. 68F23			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(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) ⑩
- ⑪ 4(100) Double Solid (Yellow) ⑪

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' (24 m).
 - 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' (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

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)

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.			

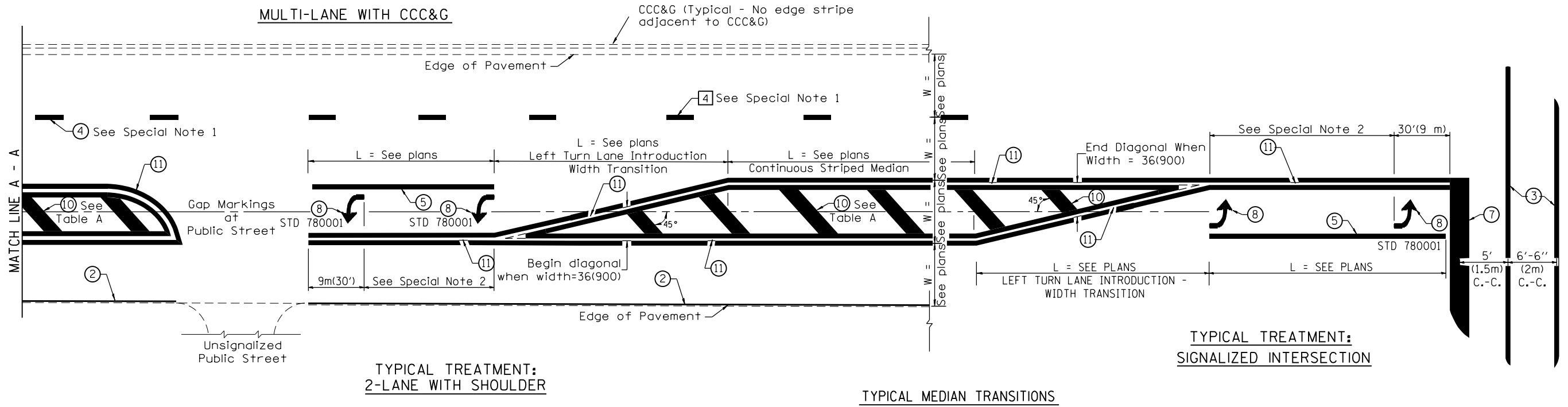
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

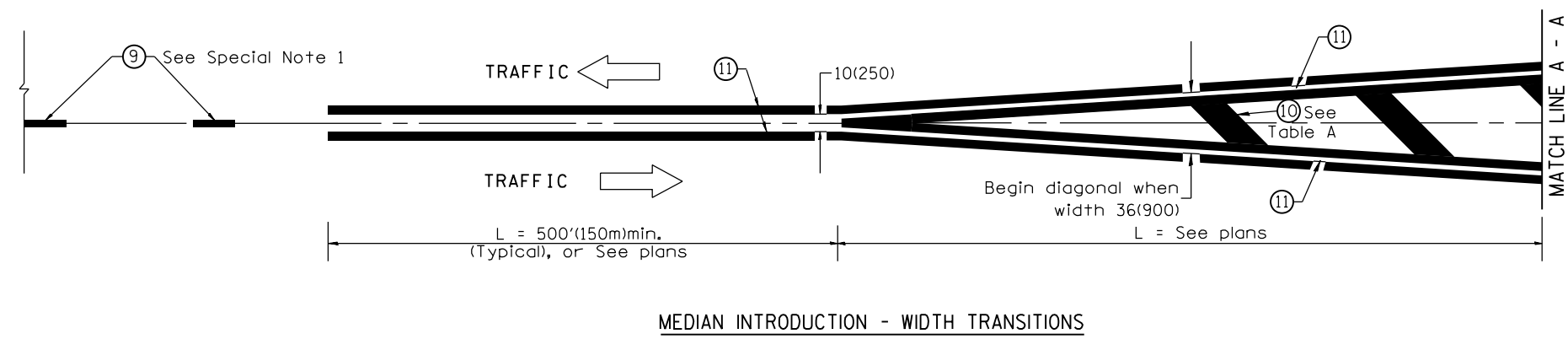
FULTON & SCHUYLER		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		612	(109,110)RS-3	*	45	44
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 68F23	



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 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



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

•FULTON & SCHUYLER