

# PROPOSED HIGHWAY PLANS

FAS 1518, FAP 719 (US 150)  
 SECTION 12(R5-4, R5-5) & R5-3  
 PROJECT ACRS-ACF-000V(015)  
 RESURFACING (SMART) GUARDRAIL  
 PEDESTRIAN RAMPS/ADA  
 CHAMPAIGN COUNTY

C-95-082-07

SANGAMON RIVER IN MAHOMET TO MATTIS AVE IN CHAMPAIGN

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
 FOR SUMMARY OF QUANTITIES SEE SHEETS NO. 7 THROUGH 12

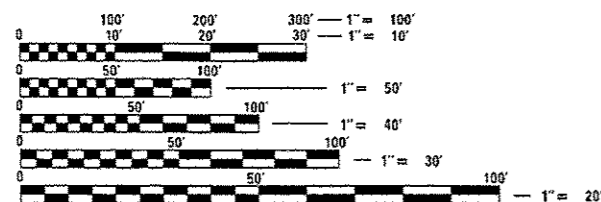
**CURRENT TRAFFIC DATA**

	LEG "A"	LEG "B"	LEG "C"	LEG "D"
2014 ADT	9,650	6,900	3,900	7,450
P.U. %	94.8	92.1	84.7	85.2
S.U. %	3.2	3.4	5.7	6.5
M.U. %	2.0	4.5	9.6	8.3

LEG "A" IS FROM IL 47 NORTH TO PRAIRIE VIEW RD.  
 LEG "B" IS FROM PRAIRIE VIEW RD TO STALEY RD.  
 LEG "C" IS FROM STALEY RD TO CARDINAL RD.  
 LEG "D" IS FROM CARDINAL RD TO MATTIS AVE.

**DESIGN DESIGNATION**

NA



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  
 (CHAMPAIGN, MAHOMET, AND HENSLEY TOWNSHIPS)

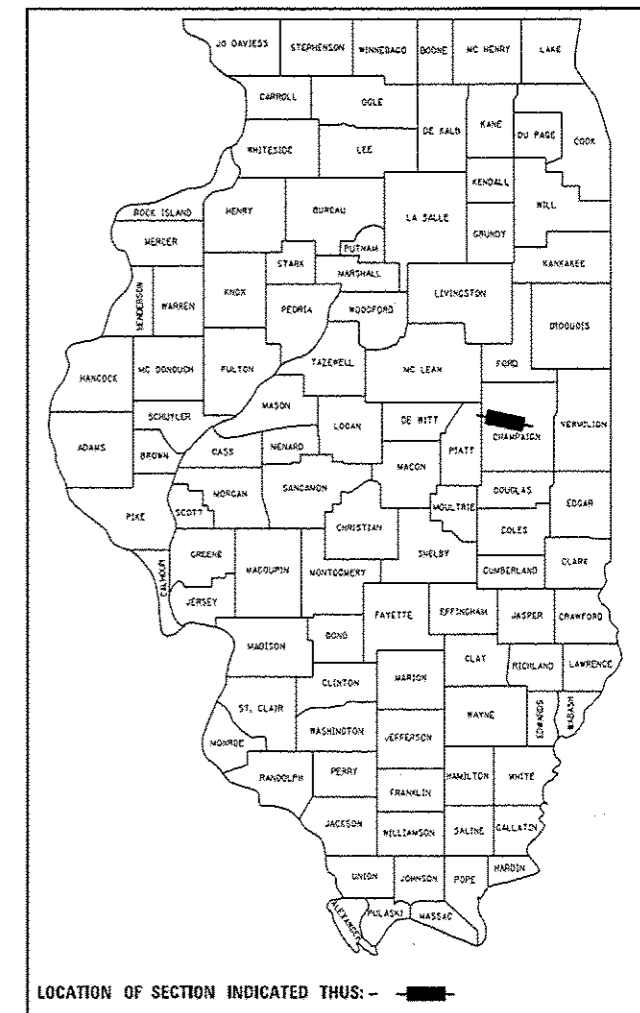
PROJECT ENGINEER: NANCY FASIG  
 SQUAD LEADER: BRIAN J. HOGAN  
 DESIGNER: ANDREW J. BERGAN  
 (217) 465-4181

CONTRACT NO. 70702

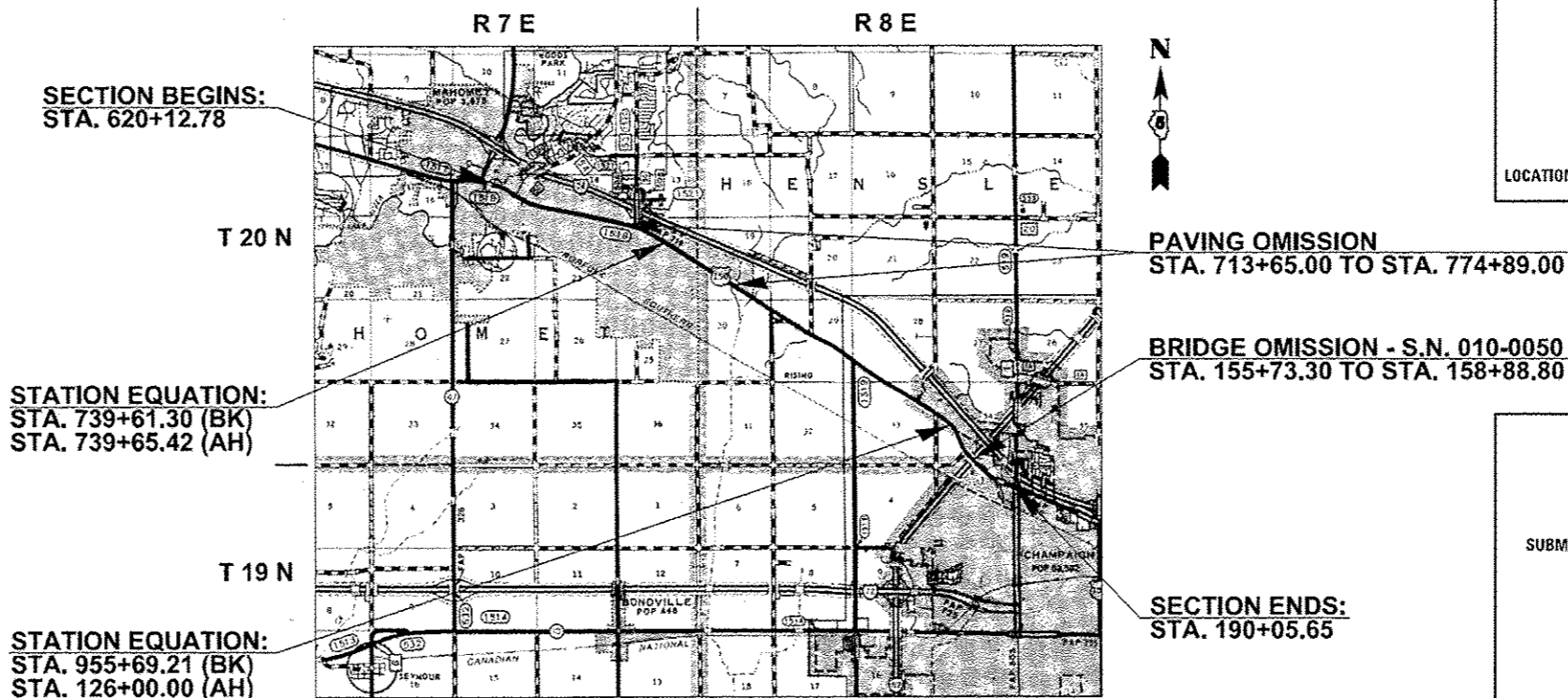
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	12(R5-4, R5-5) & R5-3	CHAMPAIGN	103	1
ILLINOIS		CONTRACT NO. 70702		

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

D-95-082-07



LOCATION OF SECTION INDICATED THUS: —



SECTION BEGINS:  
 STA. 620+12.78

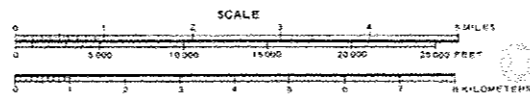
PAVING OMISSION  
 STA. 713+65.00 TO STA. 774+89.00

BRIDGE OMISSION - S.N. 010-0050  
 STA. 155+73.30 TO STA. 158+88.80

STATION EQUATION:  
 STA. 739+61.30 (BK)  
 STA. 739+65.42 (AH)

SECTION ENDS:  
 STA. 190+05.65

STATION EQUATION:  
 STA. 955+69.21 (BK)  
 STA. 126+00.00 (AH)



GROSS LENGTH = 39,957.96 FT. = 7.568 MILE  
 NET LENGTH = 33,522.58 FT. = 6.349 MILE

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED JANUARY 30 2015  
Kensil A. Barnett  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 20 2015  
Dan D. Baranzelli, P.E.  
 ENGINEER OF DESIGN AND ENVIRONMENT

May 20 2015  
Omer Osman, P.E.  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS

# INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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13-23	TYPICAL SECTIONS
24-39	SCHEDULES OF QUANTITIES
40-65	PLAN SHEETS
66-91	PAVEMENT MARKING PLAN SHEETS
92	BUTT JOINT AND PAVING TRANSITION DETAILS
93	ENTRANCES AND CARDINAL ROAD DETAILS
94	SN 010-2026 DETAIL
95-98	PAVEMENT MARKING AND MARKERS (RURAL & URBAN TYPICAL APPLICATIONS)
99	SURVEY MARKER VAULT
100	SURVEY MARKER, TYPE 1 & 2 (SPECIAL)
101-103	CROSS SECTIONS FOR PIPE CULVERT WORK

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME *	USER NAME * bergenej	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS</b>	F.A.P. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwwork\avidet\bergenej\0254648\0510782-SHT-GENNOTE.dgn		DRAWN -	REVISED -			*	12IRS-4,RS-5&RS-3	CHAMPAIGN	103	2
*MODELNAME*		CHECKED -	REVISED -		SCALE:					
		DATE -	REVISED -		SHEET 1 OF 1 SHEETS	STA.	TO STA.			CONTRACT NO. 70702
										ILLINOIS FED. AID PROJECT

# HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
420701-02	PAVEMENT FABRIC
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442101-07	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1(SPECIAL) GUARDRAIL TERMINALS
631031-13	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642006	SHOULDER RUMBLE STRIPS, 8 IN.

# HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

701501-06

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HIGHWAY STANDARDS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\bergenej\02254645\05702-SHT-06\NOTE.dgn	DRAWN -	REVISED -	*			12/RS-4,RS-5&RS-3	CHAMPAIGN	103	3	
#MODELNAME#	PLOT SCALE = 48.0000' / 1" =	CHECKED -	REVISED -			CONTRACT NO. 70702				
	PLOT DATE = 1/27/2015	DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

# GENERAL NOTES

**G.N.-100**  
 ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

**G.N.-100A**  
 ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

**G.N.-105.07B**  
 EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL SECURE AN APPROVED LOCATING FIRM TO LOCATE STATE-OWNED UTILITIES PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES IN ACCORDANCE TO SECTION 803 OF THE STANDARD SPECIFICATIONS. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

**G.N.-105.09A**  
 ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

**G.N.-107.37**  
 UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.

**G.N.-250C**  
 SEEDING, CLASS 7 AND MULCH, METHOD 2 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

**G.N.-280**  
 TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION.

**G.N.-280A**  
 THE VARIOUS MULCH PAY ITEMS IN THE PLANS INCLUDE QUANTITIES FOR TEMPORARY MULCH FOR EROSION CONTROL. THE TEMPORARY MULCH INCLUDES MAINTENANCE AND REMOVAL IF NECESSARY, PER THE REQUIREMENTS OF ARTICLE 280 OF THE STANDARD SPECIFICATIONS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SOME OR ALL OF THE MULCH USED AS TEMPORARY EROSION CONTROL WILL BE DELETED IF IT IS NOT NECESSARY DUE TO ESTABLISHMENT OF PERMANENT SEEDING.

**G.N.-403A**  
 BITUMINOUS SURFACE TREATMENTS: THE RESULTING TARGET APPLICATION RATES ARE AS FOLLOWS:

SHOULDER SEAL:

TYPE OF CONSTRUCTION	BITUMINOUS MATERIAL	APPLICATION RATE	AGGREGATE	APPLICATION RATE
A-1	HFP-CRSP	0.25 GAL/SQ YD	FM-01 (SPECIAL)	15 LB/SQ YD
A-1	HFP-CRSP	0.25 GAL/SQ YD	FM-20 (SPECIAL)	15 LB/SQ YD

AGGREGATE GRADATION:

TOTAL PERCENT PASSING

SIEVE NUMBER	FM-01 (SPECIAL)	FM-20 (SPECIAL)
3/8"	100	100
No. 4	97+/-3	97+/-3
No. 8	85+/-15	70+/-20
No. 16	40+/-15	40+/-15
No. 50	12+/-12	12+/-12
No. 100	8+/-8	8+/-8
No. 200	1.5+/-1	1.5+/-1
DESCRIPTION:	WET BOTTOM BOILER SLAG	CRUSHED GRAVEL

NOTE: THE ENGINEER RESERVES THE RIGHT TO ADJUST THE TARGET APPLICATION RATES AND THE QUANTITIES.

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.55

FILE NAME =	USER NAME = bergana_j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\berganaj\02254648\052782-SHT-CENNOTE.dgn	PLOT SCALE = 40,0000 1" = 100'	DRAWN -	REVISED -			*	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	4
#MODELNAME#	PLOT DATE = 1/27/2015	CHECKED -	REVISED -		SCALE:					CONTRACT NO. 70702
		DATE -	REVISED -		SHEET 1 OF 3 SHEETS					ILLINOIS FED. AID PROJECT





LOCATION OF WORK:

MZE 1 M  
FAS 1518

MZE 2 C  
FAP 719

MZE 1 V  
FAP 719

URBAN

RURAL

URBAN

MAJOR COLLECTOR

MINOR ARTERIAL

OTHER PRINCIPAL ARTERIAL

STA. 620+13 TO STA. 719+00

STA. 719+00 TO STA. 853+00

STA. 853+00 TO STA. 190+06

CHAMPAIGN COUNTY

CHAMPAIGN COUNTY

CHAMPAIGN COUNTY

FUNDING BREAKOUT:

80% FEDERAL, 20% STATE

80% FEDERAL, 20% STATE

80% FEDERAL, 20% STATE

CONSTRUCTION TYPE CODE:

0005

0005

0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
20200100	EARTH EXCAVATION	CU YD	80.0	0.0	0.0	80.0
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.00	0.00	0.25
25000350	SEEDING, CLASS 7	ACRE	0.25	0.00	0.00	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	22.5	0.0	0.0	22.5
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	22.5	0.0	0.0	22.5
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	22.5	0.0	0.0	22.5
25100115	MULCH, METHOD 2	ACRE	0.50	0.00	0.00	0.50
28100107	STONE RIPRAP, CLASS A4	SQ YD	16.0	0.0	16.0	0.0
28200200	FILTER FABRIC	SQ YD	16.0	0.0	16.0	0.0
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	7,160.0	3,440.0	1,270.0	2,450.0
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	8,950.0	4,300.0	1,590.0	3,060.0
40300600	SEAL COAT AGGREGATE	TON	280.0	130.0	50.0	100.0
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	50,690.0	12,210.0	10,370.0	28,110.0
40600839	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	480.0	0.0	0.0	480.0

\* DENOTES SPECIALTY ITEM

\* FAS 1518: STA 620+13.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\p\work\pavdot\bergana.j\d224648\052702-shc-500.dwg	DRAWN -	REVISED -	12IRS-4,RS-5&RS-3					CHAMPAIGN	103	7		
PLOT SCALE = 48,0000 / 1" = 100'	CHECKED -	REVISED -	SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.				CONTRACT NO. 70702					
#MODELNAME#	DATE -	REVISED -	[ILLINOIS] FED. AID PROJECT									

LOCATION OF WORK:

FAS 1518

FAP 719

FAP 719

URBAN

RURAL

URBAN

MAJOR COLLECTOR

MINOR ARTERIAL

OTHER PRINCIPAL ARTERIAL

STA. 620+13 TO STA. 719+00

STA. 719+00 TO STA. 853+00

STA. 853+00 TO STA. 190+06

CHAMPAIGN COUNTY

CHAMPAIGN COUNTY

CHAMPAIGN COUNTY

FUNDING BREAKOUT:

80% FEDERAL, 20% STATE

80% FEDERAL, 20% STATE

80% FEDERAL, 20% STATE

CONSTRUCTION TYPE CODE:

0005

0005

0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	390.0	0.0	0.0	390.0
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	800.0	0.0	0.0	800.0
40600990	TEMPORARY RAMP	SQ YD	360.0	70.0	50.0	240.0
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	10,300.0	2,660.0	2,260.0	5,380.0
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	470.0	0.0	0.0	470.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	120.0	0.0	0.0	120.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	340.0	0.0	0.0	340.0
42400800	DETECTABLE WARNINGS	SQ FT	70.0	0.0	0.0	70.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	92,300.0	27,140.0	23,040.0	42,120.0
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	3,710.0	0.0	0.0	3,710.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	60.0	0.0	0.0	60.0
44000600	SIDEWALK REMOVAL	SQ FT	340.0	0.0	0.0	340.0
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	510.0	0.0	0.0	510.0
44200962	CLASS B PATCHES, TYPE III, 9 INCH	SQ YD	40.0	0.0	0.0	40.0
14 • DENOTES SPECIALTY ITEM						

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME:	USER NAME: bergana	DESIGNED: -	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\berganaj\02254648\0519702-shr-500.dwg	DRAWN: -	REVISED: -	12IRS-4RS-51&RS-3					CHAMPAIGN	103	8		
PLOT SCALE: 48.0000' / in.	CHECKED: -	REVISED: -	CONTRACT NO. 70702									
PLOT DATE: 1/27/2015	DATE: -	REVISED: -	SCALE:					SHEET 2 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



LOCATION OF WORK:

FAS 1518

FAP 719

FAP 719

URBAN

RURAL

URBAN

MAJOR COLLECTOR

MINOR ARTERIAL

OTHER PRINCIPAL ARTERIAL

STA. 620+13 TO STA. 719+00

STA. 719+00 TO STA. 853+00

STA. 853+00 TO STA. 190+06

CHAMPAIGN COUNTY

CHAMPAIGN COUNTY

CHAMPAIGN COUNTY

FUNDING BREAKOUT:

80% FEDERAL, 20% STATE

80% FEDERAL, 20% STATE

80% FEDERAL, 20% STATE

CONSTRUCTION TYPE CODE:

0005

0005

0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	100.0	0.0	0.0	100.0
44201299	DOWEL BARS 1 1/2"	EACH	1,130.0	0.0	0.0	1,130.0
44201333	CLASS C PATCHES, TYPE III, 8 INCH	SQ YD	17.0	0.0	0.0	17.0
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	160.0	40.0	90.0	30.0
44213100	PAVEMENT FABRIC	SQ YD	140.0	0.0	0.0	140.0
44213200	SAW CUTS	FOOT	3,590.0	0.0	0.0	3,590.0
44213204	TIE BARS 3/4"	EACH	80.0	0.0	0.0	80.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	300.0	0.0	0.0	300.0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	430.0	0.0	0.0	430.0
50102400	CONCRETE REMOVAL	CU YD	1.0	0.0	1.0	0.0
50105220	PIPE CULVERT REMOVAL	FOOT	50.0	0.0	0.0	50.0
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2.0	0.0	0.0	2.0
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	48.0	0.0	0.0	48.0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	60.0	0.0	0.0	60.0

\* DENOTES SPECIALTY ITEM

\* FAS 1518: STA 620+13  
FAP 719: STA 719+00

FILE NAME :

USER NAME : bergana

DESIGNED -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P.

SECTION

RTE.

121RS-

\*MODELNAME\*

PLOT DATE : 1/27/2015

CHECKED -

REVISED -

SCALE:

SHEET 3 OF 6 SHEETS STA. TO STA.

5ht 9

LOCATION OF WORK: FAS 1518 FAP 719 FAP 719  
 URBAN RURAL URBAN  
 MAJOR COLLECTOR MINOR ARTERIAL OTHER PRINCIPAL ARTERIAL  
 STA. 620+13 TO STA. 719+00 STA. 719+00 TO STA. 853+00 STA. 853+00 TO STA. 190+06  
 CHAMPAIGN COUNTY CHAMPAIGN COUNTY CHAMPAIGN COUNTY  
 FUNDING BREAKOUT: 80% FEDERAL, 20% STATE 80% FEDERAL, 20% STATE 80% FEDERAL, 20% STATE  
 CONSTRUCTION TYPE CODE: 0005 0005 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
* 6300001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3,725.0	875.0	400.0	2,450.0
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6.0	2.0	0.0	4.0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8.0	2.0	2.0	4.0
63200310	GUARDRAIL REMOVAL	FOOT	4,840.0	1,070.0	560.0	3,210.0
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	64,840.0	13,960.0	22,430.0	28,450.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5.0	1.66	1.67	1.67
67100100	MOBILIZATION	L SUM	1.0	0.33	0.33	0.34
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9,570.0	3,170.0	1,570.0	4,830.0
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	2,031.3	1,232.4	0.0	798.9
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	124,230.0	40,200.0	18,850.0	65,180.0
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,010.0	280.0	0.0	730.0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2,430.0	1,040.0	0.0	1,390.0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	150.0	50.0	0.0	100.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	48,220.0	16,440.0	25,230.0	6,550.0

\* DENOTES SPECIALTY ITEM

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.55

LOCATION OF WORK:  
  
FUNDING BREAKOUT:  
CONSTRUCTION TYPE CODE:

FAS 1518	FAP 719	FAP 719
URBAN	RURAL	URBAN
MAJOR COLLECTOR	MINOR ARTERIAL	OTHER PRINCIPAL ARTERIAL
STA. 620+13 TO STA. 719+00	STA. 719+00 TO STA. 853+00	STA. 853+00 TO STA. 190+06
CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
80% FEDERAL, 20% STATE	80% FEDERAL, 20% STATE	80% FEDERAL, 20% STATE
0005	0005	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
• 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SO FT	2,031.3	1,232.4	0.0	798.9
• 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	124,230.0	40,200.0	18,850.0	65,180.0
• 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1,010.0	280.0	0.0	730.0
• 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	2,430.0	1,040.0	0.0	1,390.0
• 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	150.0	50.0	0.0	100.0
• 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,210.0	540.0	100.0	570.0
• 78200410	GUARDRAIL MARKERS, TYPE A	EACH	36.0	10.0	8.0	18.0
• 78200530	BARRIER WALL MARKERS, TYPE C	EACH	2.0	0.0	0.0	2.0
• 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	10.0	2.0	4.0	4.0
78300100	PAVEMENT MARKING REMOVAL	SO FT	5,310.0	5,100.0	0.0	210.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,210.0	540.0	100.0	570.0
• 88600100	DETECTOR LOOP, TYPE 1	FOOT	590.0	0.0	0.0	590.0
X4406080	PARTIAL DEPTH REMOVAL, TYPE I, 8"	SO YD	40.0	0.0	0.0	40.0
X4406280	PARTIAL DEPTH REMOVAL, TYPE II, 8"	SO YD	580.0	160.0	250.0	170.0
• DENOTES SPECIALTY ITEM						

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.68

FILE NAME :	USER NAME = bergenej	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\p\dat\bergenej\0254648\05782-ent-SDG.dwg		DRAWN -	REVISED -		SCALE:	SHEET 5 OF 6 SHEETS	STA.	TO STA.	•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	11
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
#MODELNAME#		DATE -	REVISED -		CONTRACT NO. 70702								

LOCATION OF WORK:

FAS 1518	FAP 719	FAP 719
URBAN	RURAL	URBAN
MAJOR COLLECTOR	MINOR ARTERIAL	OTHER PRINCIPAL ARTERIAL
STA. 620+13 TO STA. 719+00	STA. 719+00 TO STA. 853+00	STA. 853+00 TO STA. 190+06
CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
FUNDING BREAKOUT:	80% FEDERAL, 20% STATE	80% FEDERAL, 20% STATE
CONSTRUCTION TYPE CODE:	0005	0005

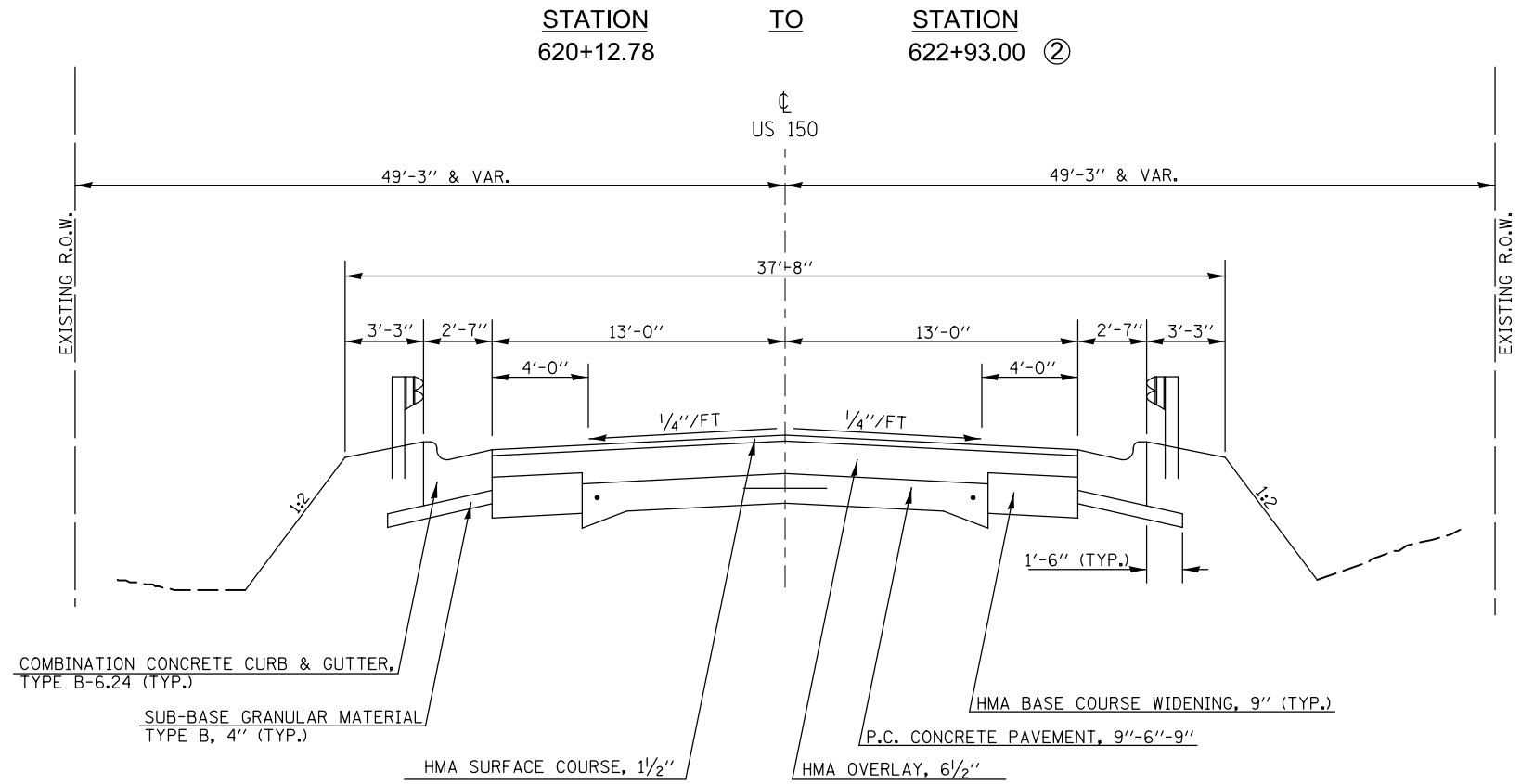
CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
X4406480	PARTIAL DEPTH REMOVAL, TYPE III, 8"	50 YD	80.0	80.0	0.0	0.0
X4421000	PARTIAL DEPTH PATCHING	TON	320.0	110.0	110.0	100.0
• X6310176	TRAFFIC BARRIER TERMINAL, TYPE 2 (SPECIAL)	EACH	2.0	0.0	2.0	0.0
• X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	25.0	0.0	25.0	0.0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0	0.33	0.33	0.34
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14.0	7.0	0.0	7.0
• X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	124,230.0	40,200.0	18,850.0	65,180.0
• X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1,010.0	280.0	0.0	730.0
• X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	2,430.0	1,040.0	0.0	1,390.0
• X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	150.0	50.0	0.0	100.0
XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	28.0	9.0	5.0	14.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.33	0.33	0.34
Z0023500	FILLING EXISTING CULVERTS	CU YD	6.0	0.0	0.0	6.0
Z0070202	SURVEY MARKER, VAULT	EACH	7.0	3.0	2.0	2.0
• DENOTES SPECIALTY ITEM						

14

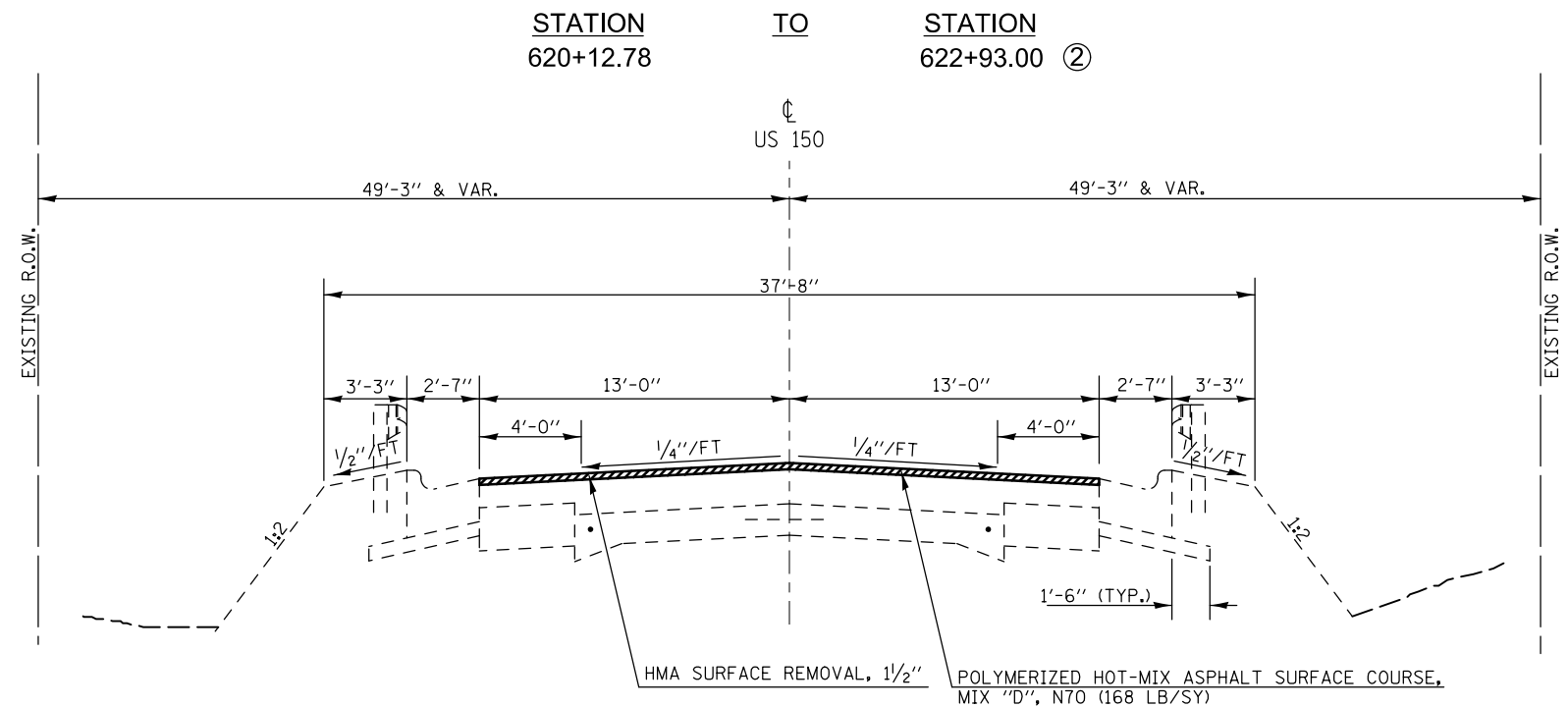
\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwork\pwork\bergenej\2254648\05792-unt-500.cel	DRAWN -	REVISED -	* 12RS-4RS-5&RS-3					CHAMPAIGN	103	12		
PLOT SCALE = 48.0000' / 1"	CHECKED -	REVISED -	CONTRACT NO. 70702									
PLOT DATE = 1/27/2015	DATE -	REVISED -	SCALE:		SHEET 6 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

## EXISTING TYPICAL CROSS SECTION ①



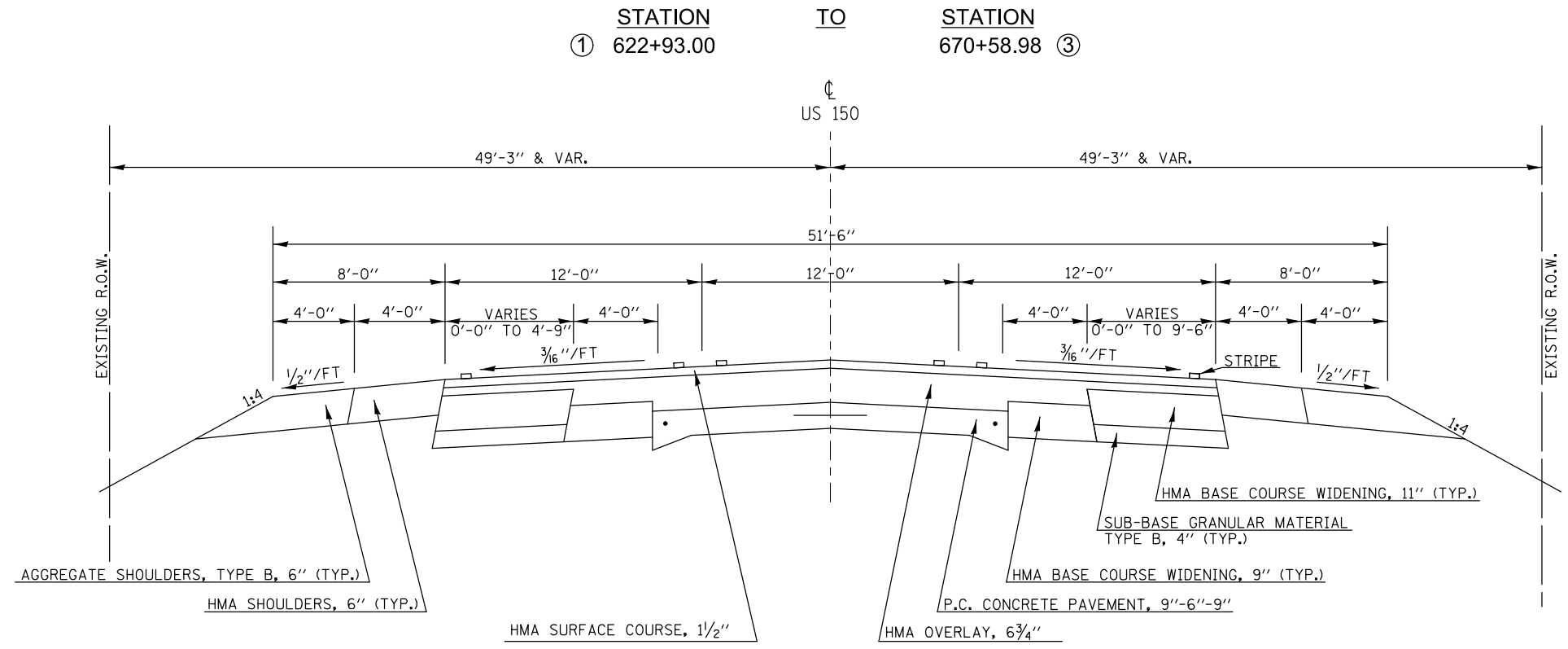
## PROPOSED TYPICAL CROSS SECTION ①



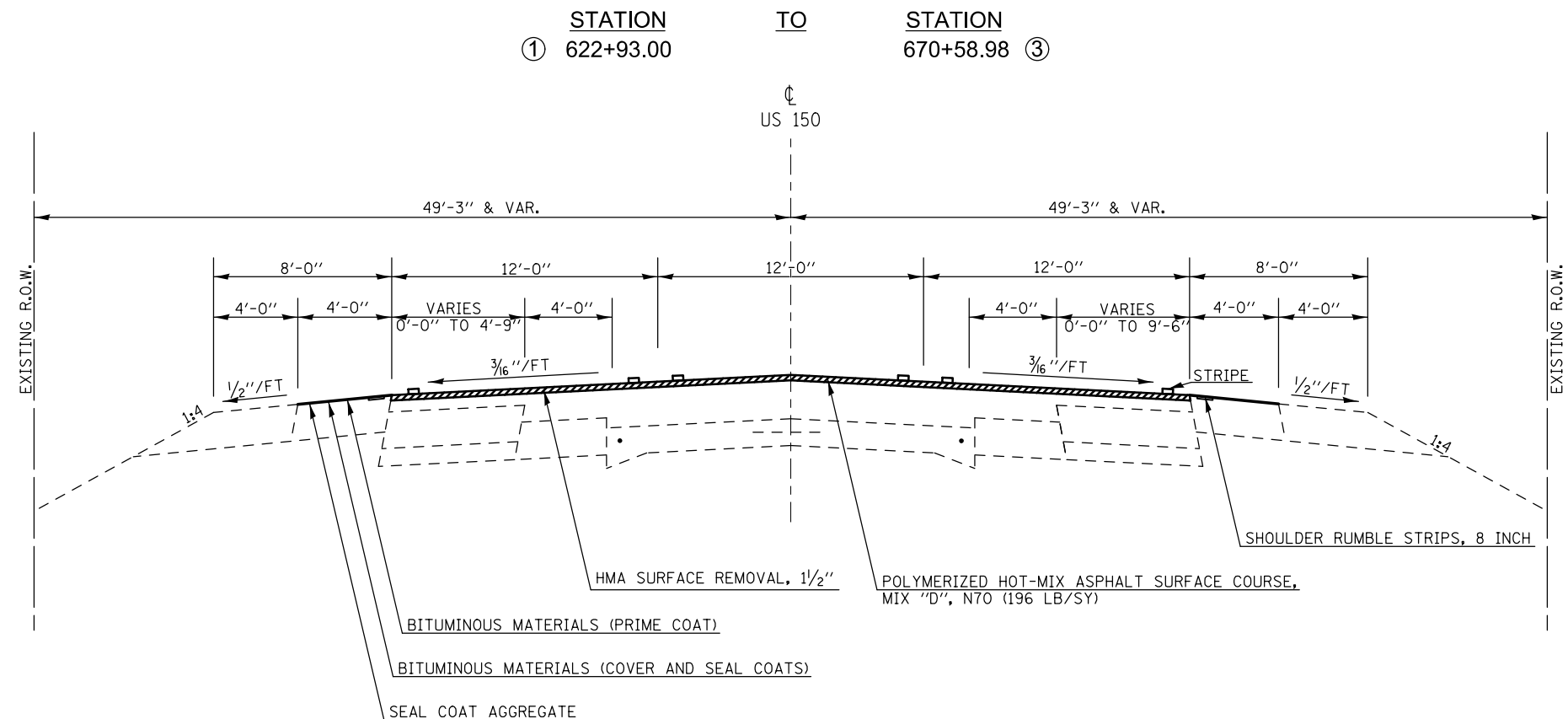
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED -	AJB 5/20/2014	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\work\pwork\bergena.j\d0254648\0570702-sh-typical.CEL		DRAWN -		REVISED -				•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	13	
		CHECKED -		REVISED -				CONTRACT NO. 70702					
*MODELNAME#		DATE -		REVISED -				ILLINOIS FED. AID PROJECT					

## EXISTING TYPICAL CROSS SECTION ②



## PROPOSED TYPICAL CROSS SECTION ②

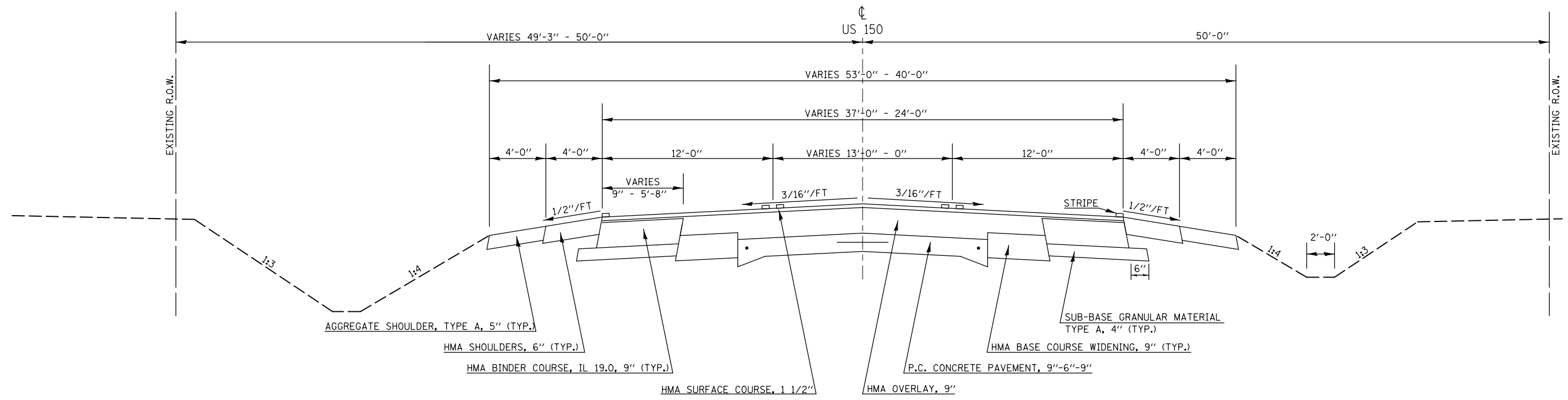


• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana_j	DESIGNED -	AJB 5/20/2014	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -		REVISED -									
		CHECKED -		REVISED -									
		DATE -		REVISED -									
PLOT SCALE = 100.0000' / in.		PLOT DATE = 1/27/2015					SCALE:	SHEET 2 OF 11 SHEETS	STA.	TO STA.	CONTRACT NO. 70702		
ILLINOIS FED. AID PROJECT													

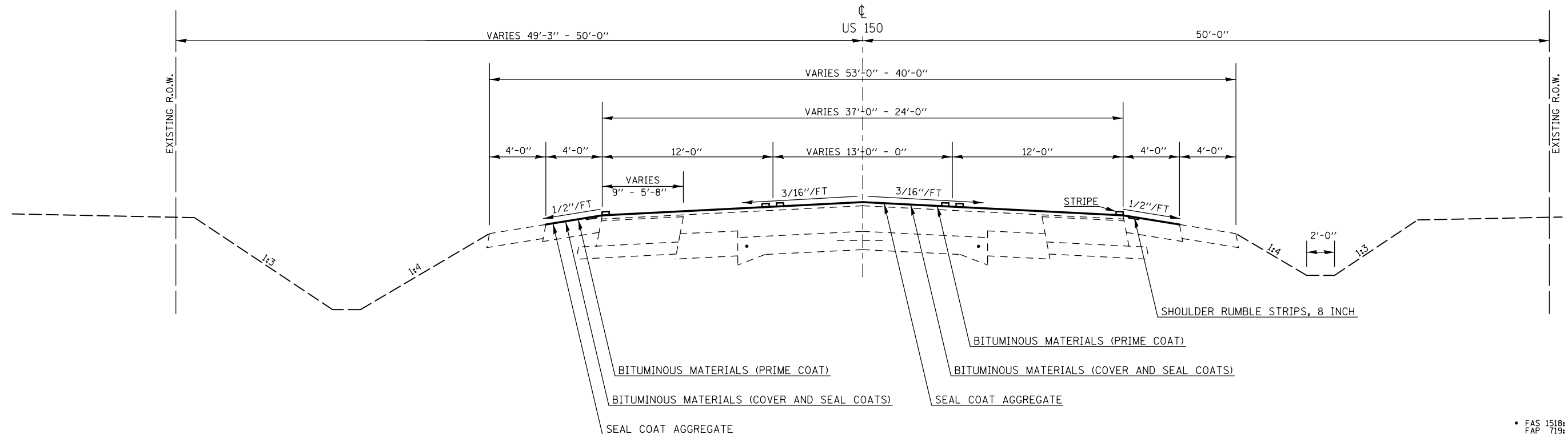
### EXISTING TYPICAL CROSS SECTION ③

STATION ② 670+58.98 TO STATION ④ 695+26.22



### PROPOSED TYPICAL CROSS SECTION ③

STATION ② 670+58.98 TO STATION ④ 695+26.22



FILE NAME =	USER NAME = bergana.j	DESIGNED -	AJB 5/20/2014	REVISED -	
et:\pwork\pwork\bergena.j\0254648\0570702-sh-typical.CEL		DRAWN -		REVISED -	
		CHECKED -		REVISED -	
*MODELNAME*	PLOT DATE = 1/27/2015	DATE -		REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

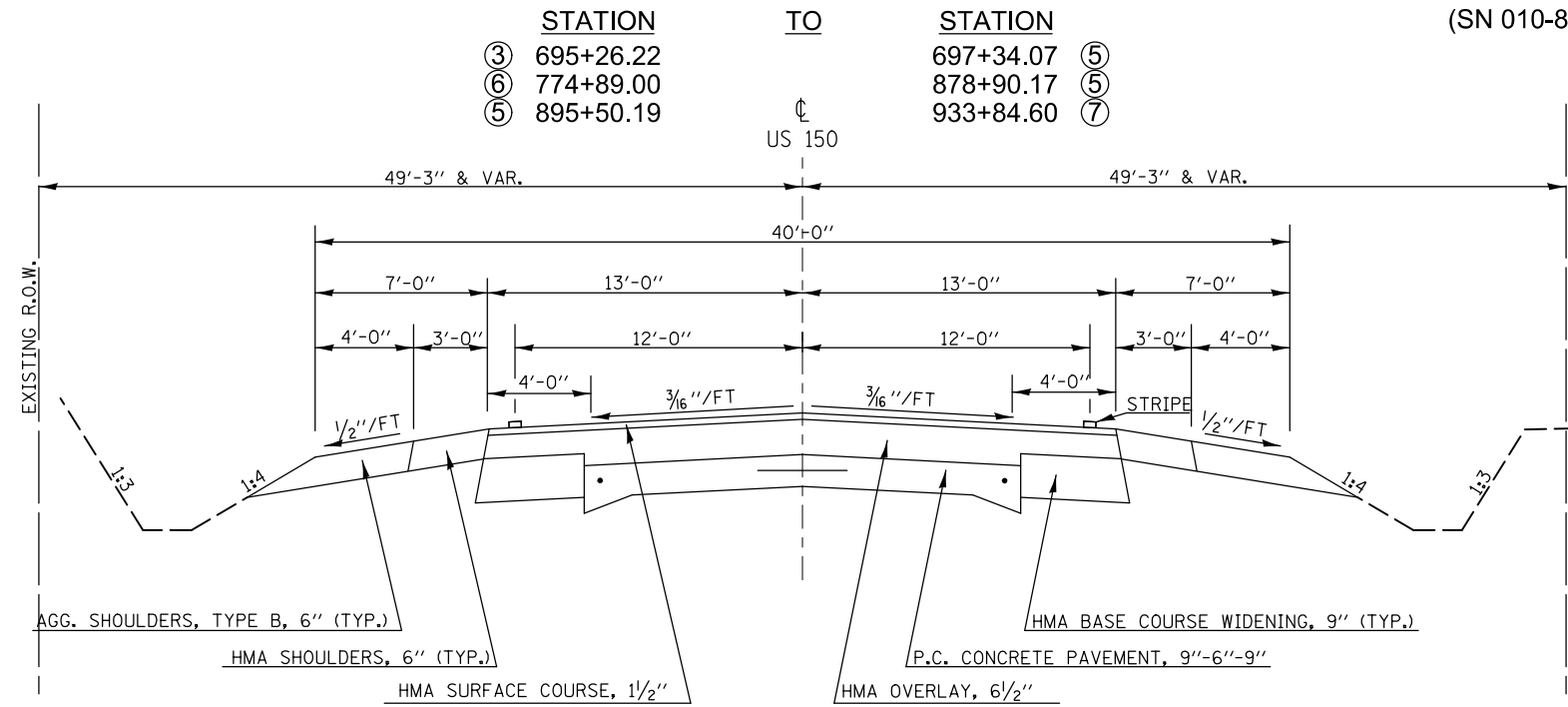
SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	15
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

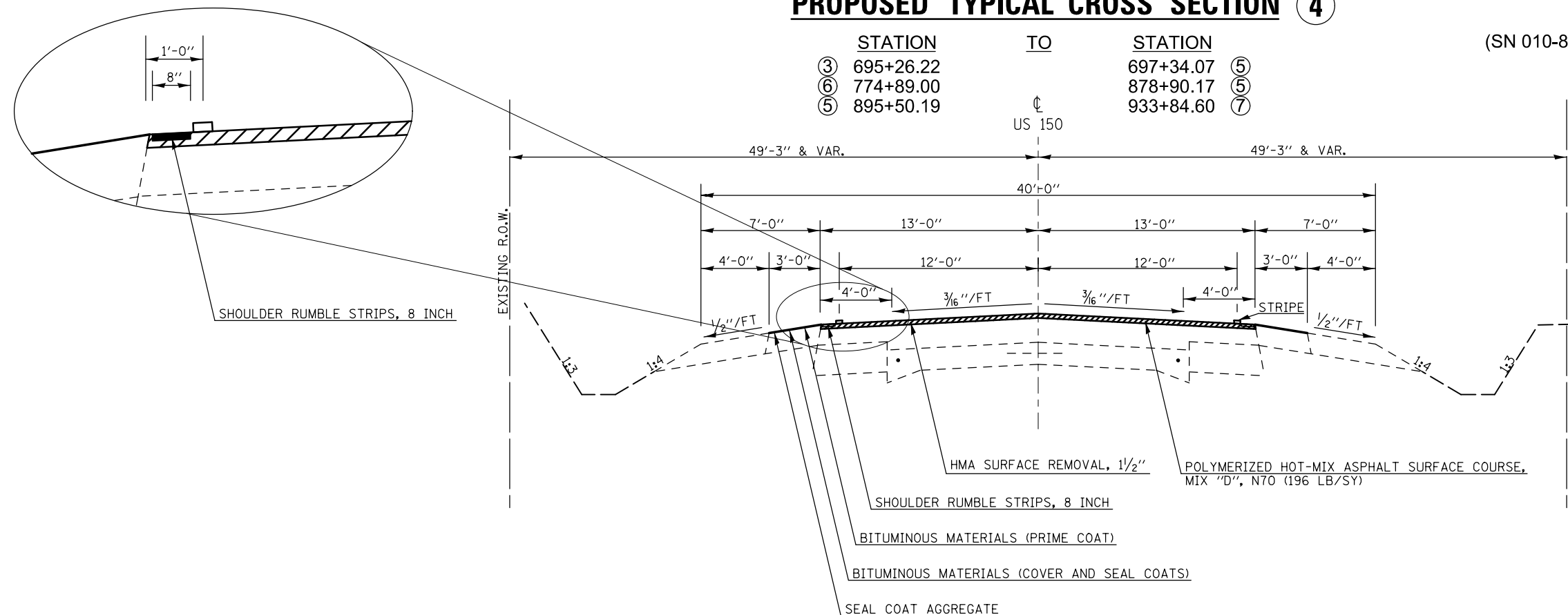
### EXISTING TYPICAL CROSS SECTION ④

OMISSIONS FROM SECTION  
STATION TO STATION  
(SN 010-8079) 828+20.13 TO 828+27.88



### PROPOSED TYPICAL CROSS SECTION ④

OMISSIONS FROM SECTION  
STATION TO STATION  
(SN 010-8079) 828+20.13 TO 828+27.88



FILE NAME =	USER NAME = bergana.j	DESIGNED -	AJB 5/20/2014	REVISED -	
c:\pwork\work\pwork\dot\bergana.j\d0254648\0570702-sh-typical.CEL		DRAWN -		REVISED -	
	PLOT SCALE = 100.0000' / in.	CHECKED -		REVISED -	
#MODELNAME#	PLOT DATE = 1/27/2015	DATE -		REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS	
SCALE:	SHEET 4 OF 11 SHEETS STA. TO STA.

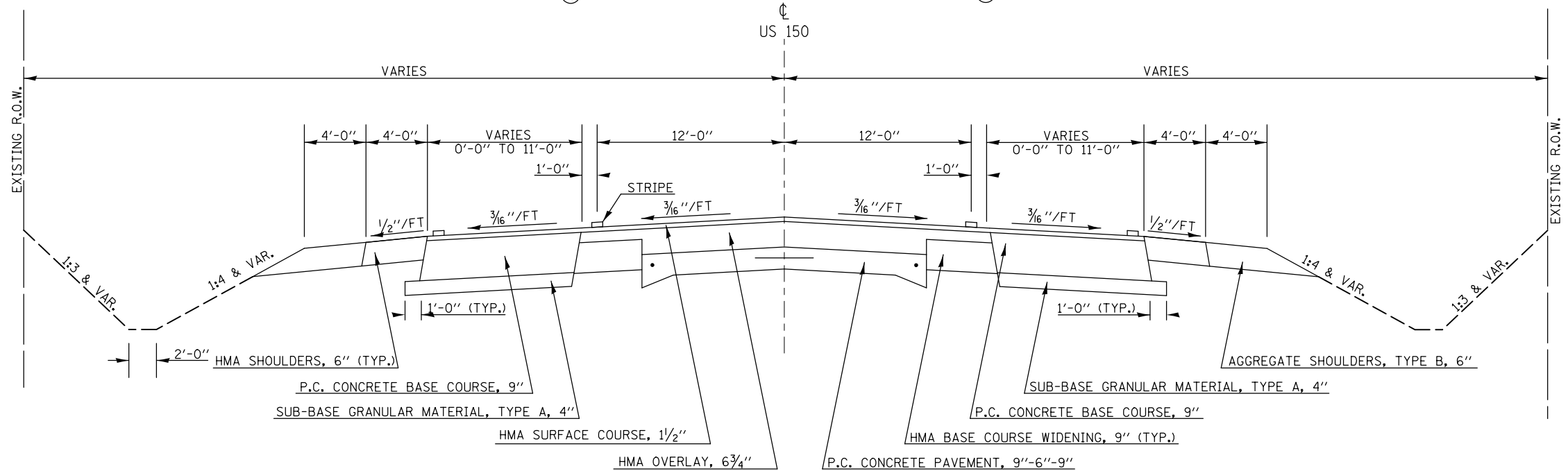
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	16
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65



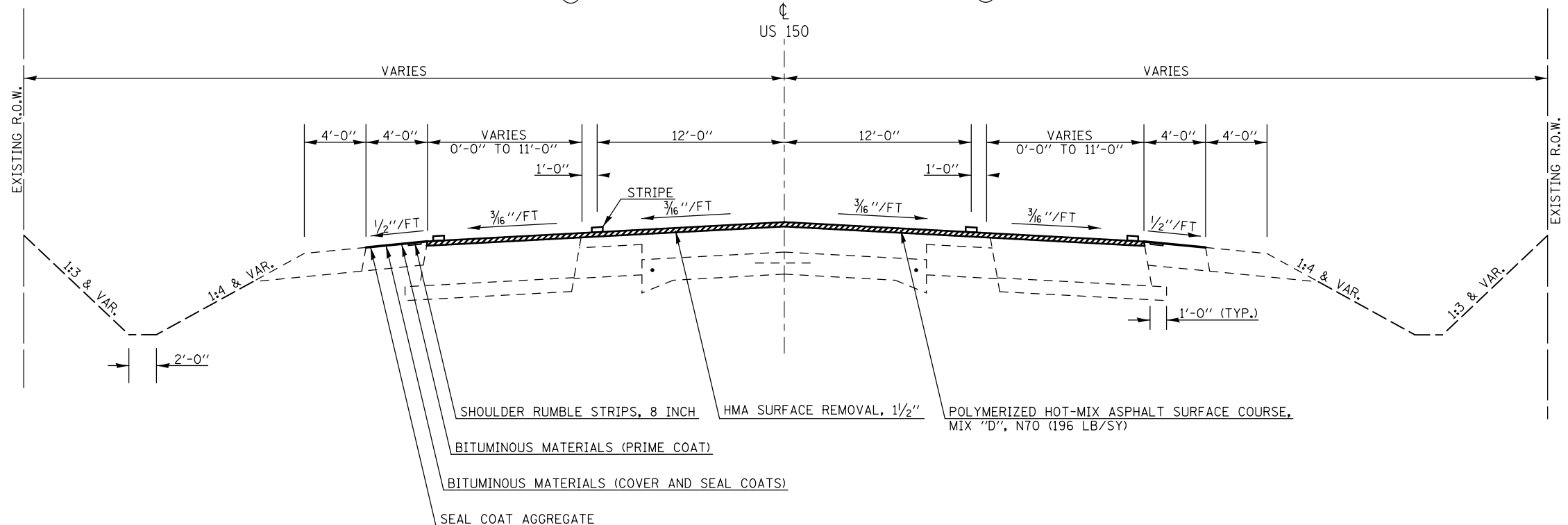
### EXISTING TYPICAL CROSS SECTION 5

STATION TO STATION  
 ④ 697+34.07 713+65.00 ⑥  
 ④ 878+90.17 895+50.19 ④



### PROPOSED TYPICAL CROSS SECTION 5

STATION TO STATION  
 ④ 697+34.07 713+65.00 ⑥  
 ④ 878+90.17 895+50.19 ④



FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

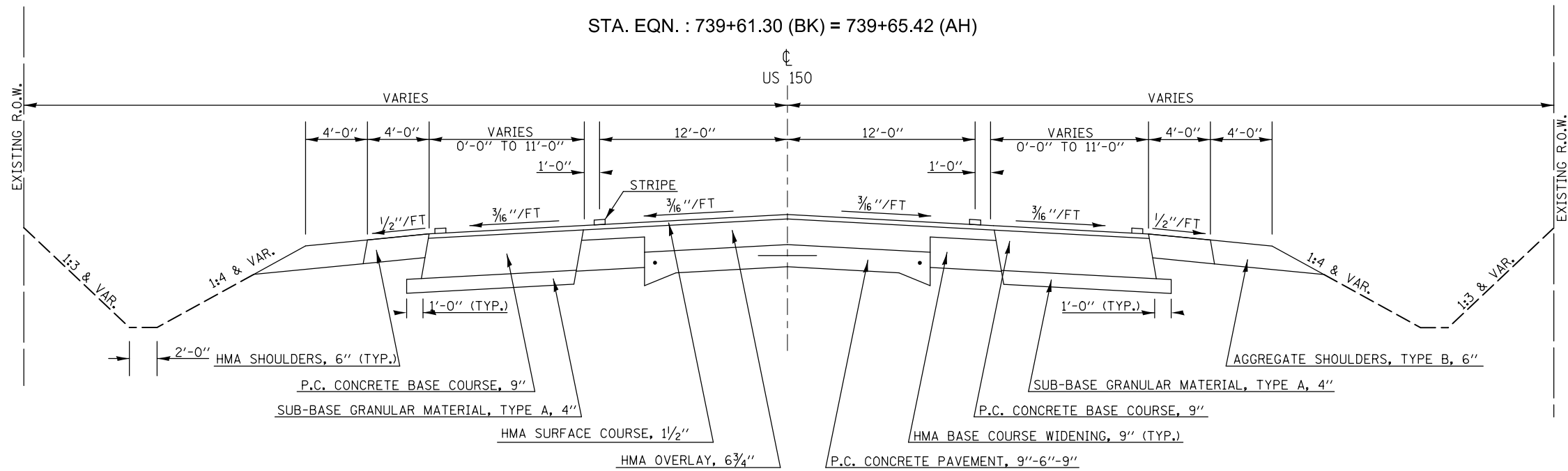
FILE NAME =	USER NAME = bergana.j	DESIGNED -	AJB 5/20/2014	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\bergana.j\d0254648\0570702-shr-typical.CEL		DRAWN -		REVISED -			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	17		
PLOT SCALE = 100.0000' / in.		CHECKED -		REVISED -							CONTRACT NO. 70702		
*MODELNAME#		DATE -	1/27/2015	REVISED -			SCALE:	SHEET 5 OF 11 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

# EXISTING TYPICAL CROSS SECTION ⑥

STATION TO STATION  
 ⑤ 713+65.00 TO 739+61.30 (BK)  
 (AH) 739+65.42 TO 774+89.00 ④

OMISSIONS FROM SECTION  
 STATION TO STATION  
 (PAVING OMISSION) 713+65.00 TO 774+89.00

STA. EQN. : 739+61.30 (BK) = 739+65.42 (AH)

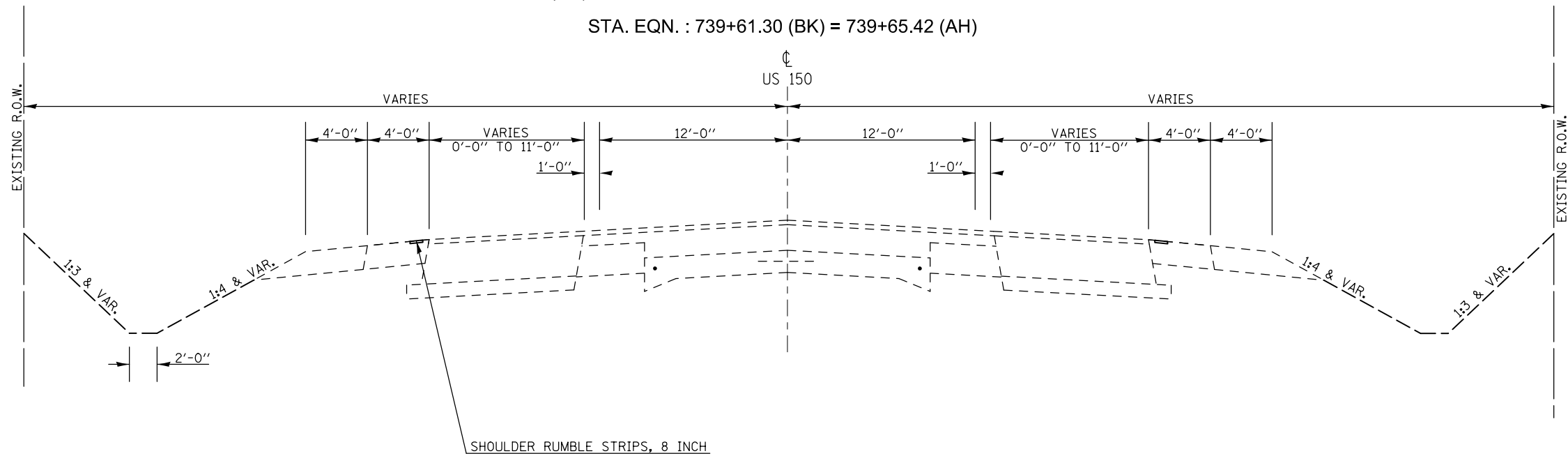


# PROPOSED TYPICAL CROSS SECTION ⑥

STATION TO STATION  
 ⑤ 713+65.00 TO 739+61.30 (BK)  
 (AH) 739+65.42 TO 774+89.00 ④

OMISSIONS FROM SECTION  
 STATION TO STATION  
 (PAVING OMISSION) 713+65.00 TO 774+89.00

STA. EQN. : 739+61.30 (BK) = 739+65.42 (AH)



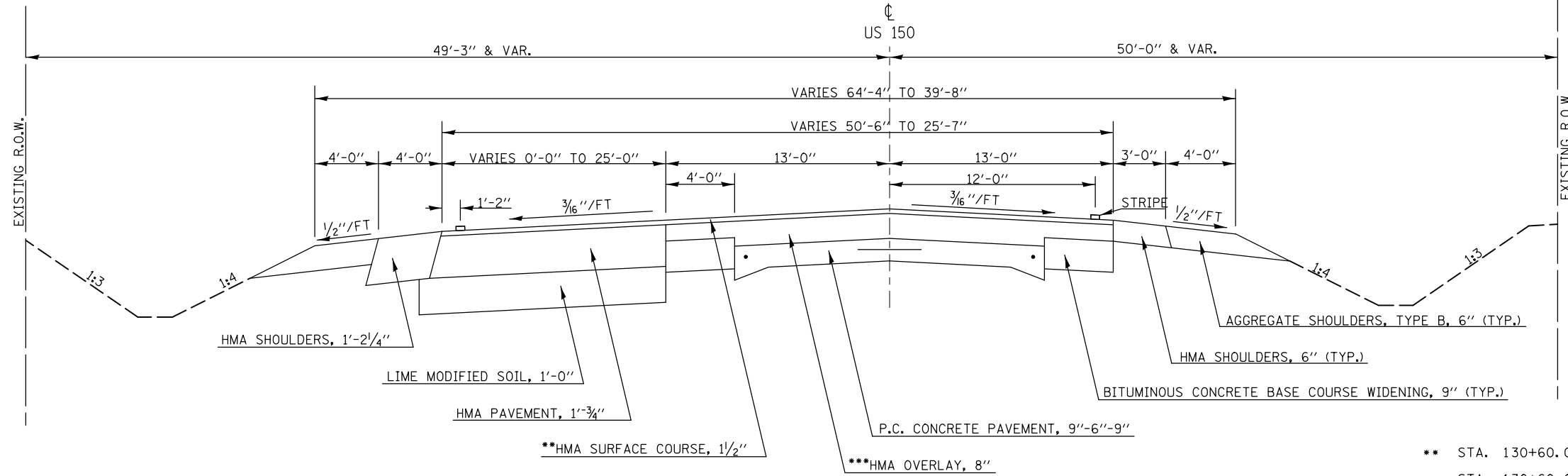
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED -	AJB 5/20/2014	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\id\dot\bergana.j\d0254648\0570702-sh-typical.CEL		DRAWN -		REVISED -			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	18			
PLOT SCALE = 100.0000' / in.		CHECKED -		REVISED -							CONTRACT NO. 70702			
*MODELNAME*		DATE -		REVISED -			SCALE:	SHEET 6 OF 11 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

## EXISTING TYPICAL CROSS SECTION 7

STATION TO STATION  
 ④ 933+84.60 955+69.21 (BK)  
 (AH) 126+00.00 140+42.15 ⑧

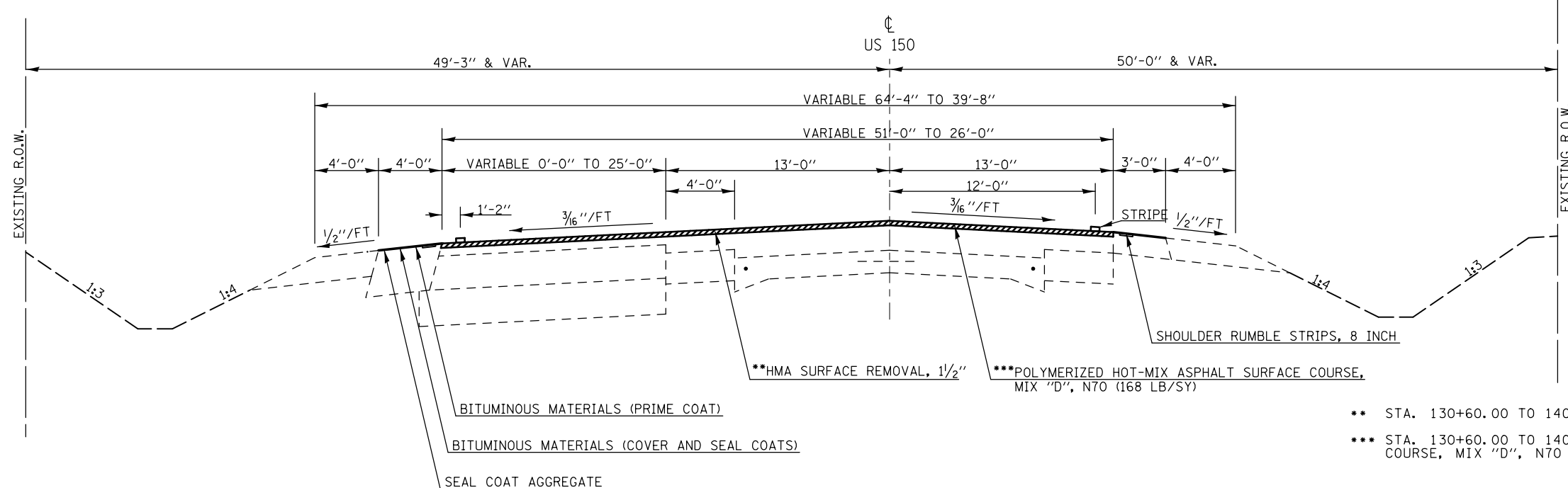
STA. EQN. : 955+69.21 (BK) = 126+00.00 (AH)



## PROPOSED TYPICAL CROSS SECTION 7

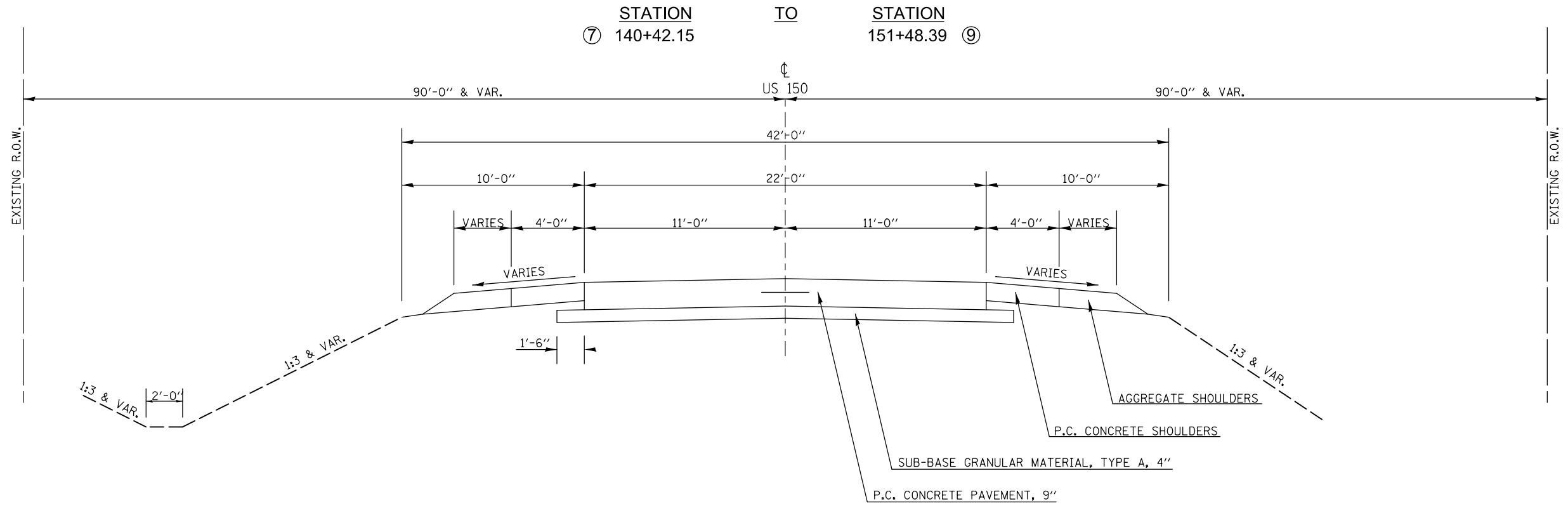
STATION TO STATION  
 ④ 933+84.60 955+69.21 (BK)  
 (AH) 126+00.00 140+42.15 ⑧

STA. EQN. : 955+69.21 (BK) = 126+00.00 (AH)

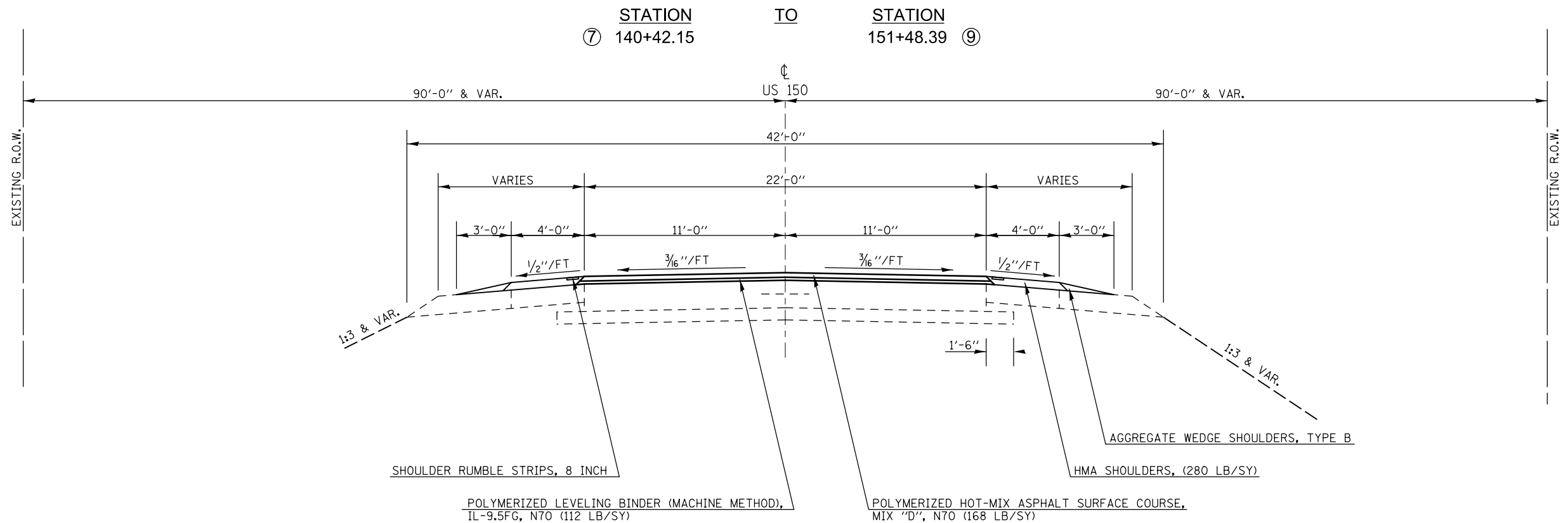


FILE NAME =	USER NAME = bergana.j	DESIGNED - AJB 5/20/2014	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\bergena.j\0254648\0570702-sh-typical.CEL		DRAWN -	REVISED -		SCALE:	SHEET 7 OF 11 SHEETS	STA.	TO STA.	•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	19
		CHECKED -	REVISED -		CONTRACT NO. 70702								
*MODELNAME*	PLOT DATE = 1/27/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

## EXISTING TYPICAL CROSS SECTION 8



## PROPOSED TYPICAL CROSS SECTION 8

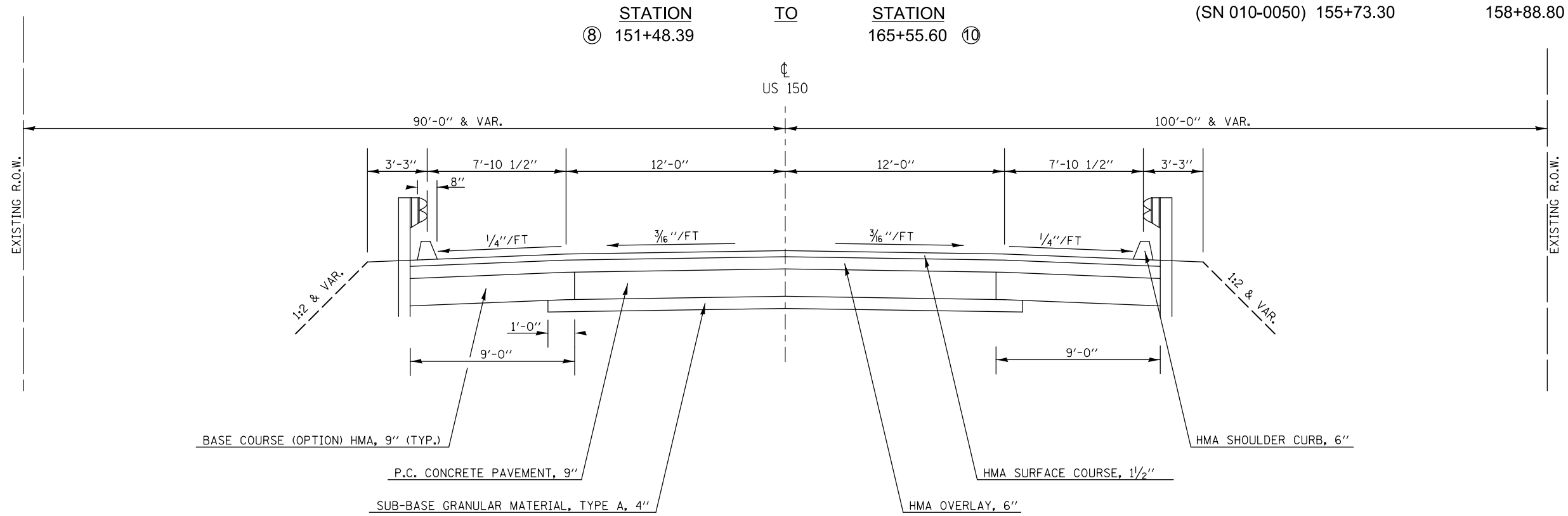


• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED - A.J.B 5/20/2014	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\idot\bergena.j\d0254648\0570702-sh-typical.CEL	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 8 OF 11 SHEETS	STA.	TO STA.	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	20
#MODELNAME#	PLOT DATE = 1/27/2015	DATE -	REVISED -						CONTRACT NO. 70702			
ILLINOIS FED. AID PROJECT												

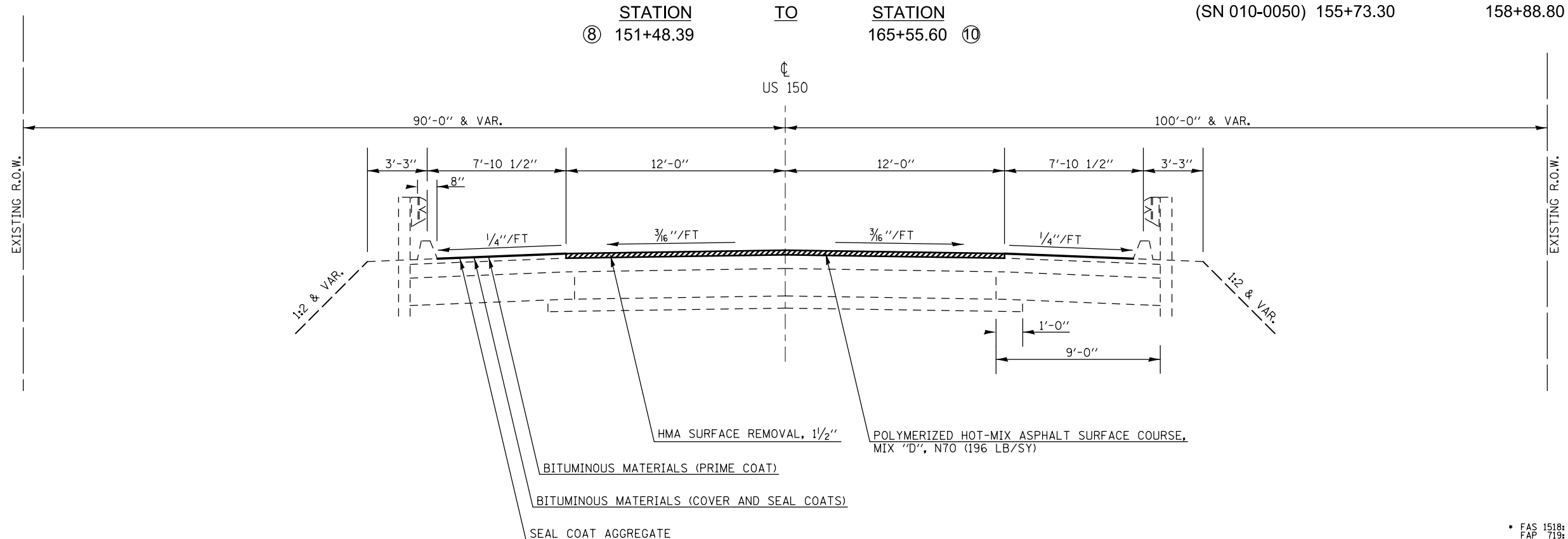
### EXISTING TYPICAL CROSS SECTION 9

OMISSIONS FROM SECTION  
STATION TO STATION  
(SN 010-0050) 155+73.30 TO 158+88.80



### PROPOSED TYPICAL CROSS SECTION 9

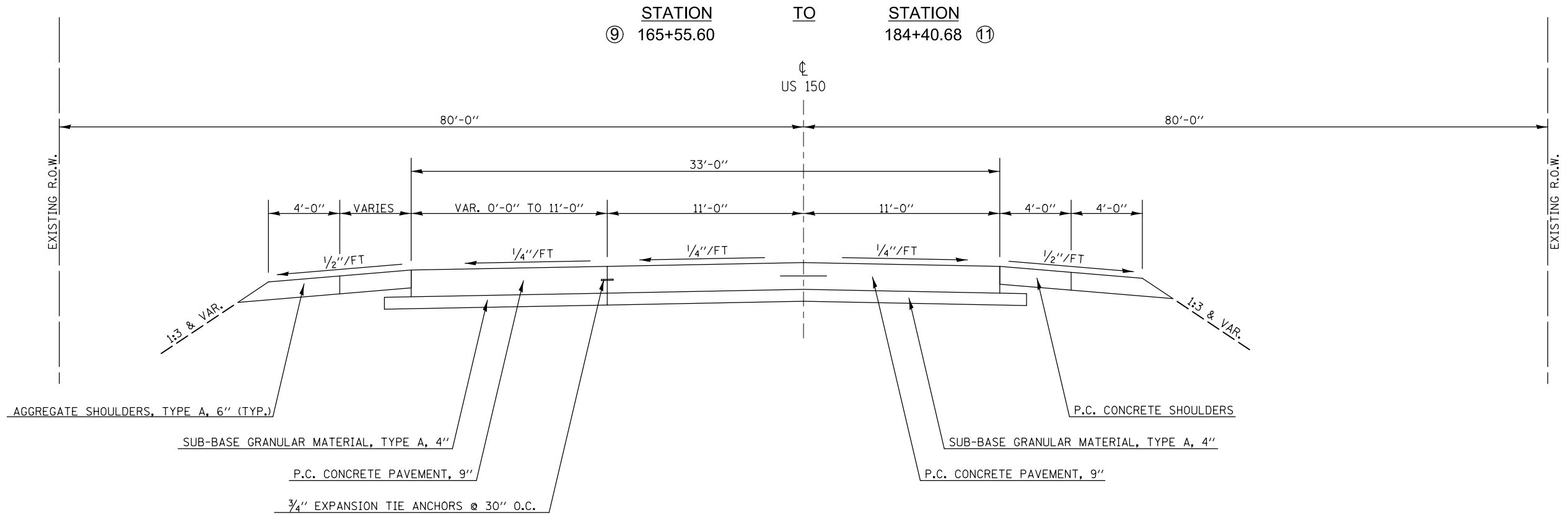
OMISSIONS FROM SECTION  
STATION TO STATION  
(SN 010-0050) 155+73.30 TO 158+88.80



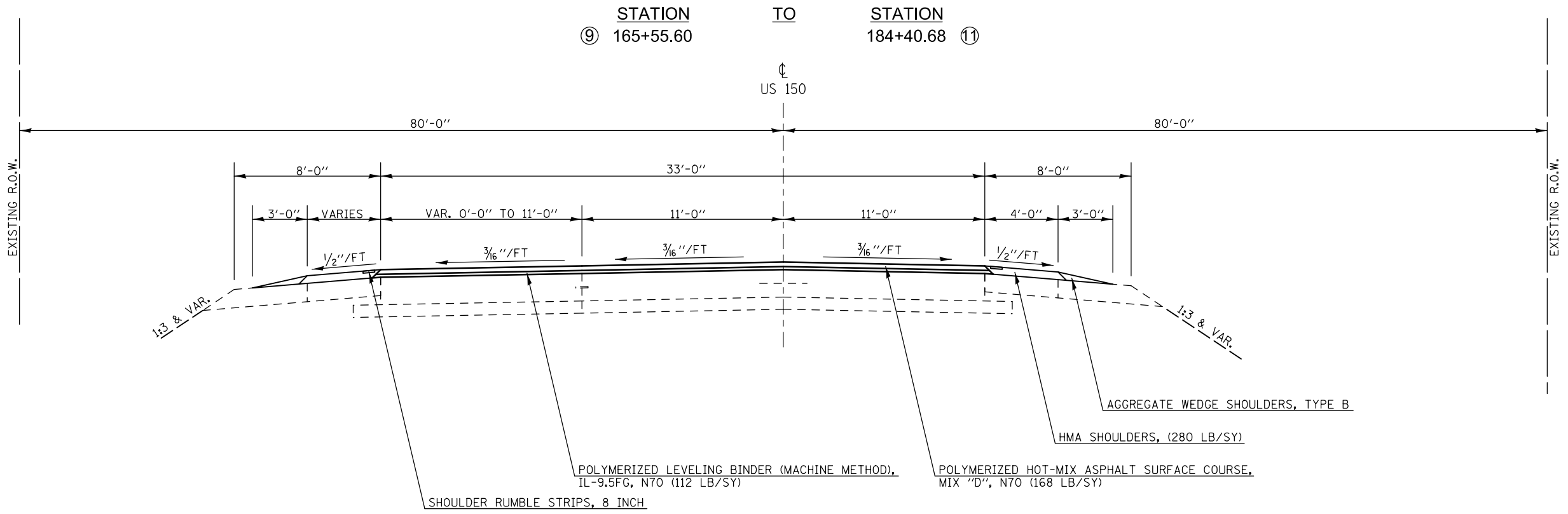
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ei:\pw\work\p\dot\bergenej\0254648\0570702-sh-typical.CEL		DRAWN -		REVISED -			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	21		
	PLOT SCALE = 100.0000' / in.	CHECKED -		REVISED -			CONTRACT NO. 70702		ILLINOIS FED. AID PROJECT				
*MODELNAME*	PLOT DATE = 1/27/2015	DATE -		REVISED -			SCALE:	SHEET 9 OF 11 SHEETS	STA.	TO STA.			

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

## EXISTING TYPICAL CROSS SECTION ⑩



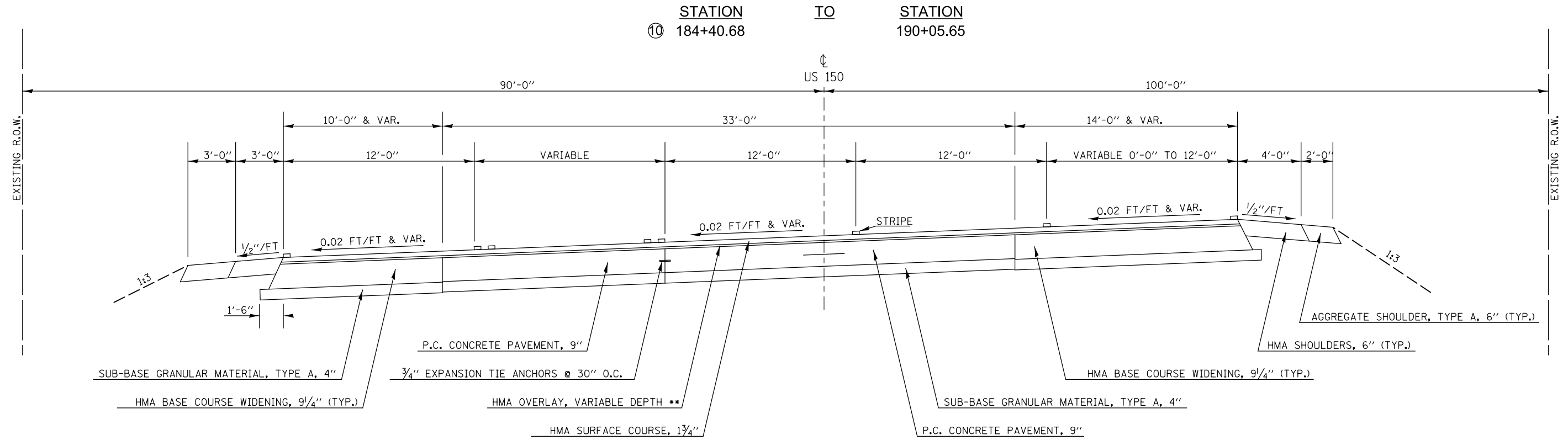
## PROPOSED TYPICAL CROSS SECTION ⑩



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

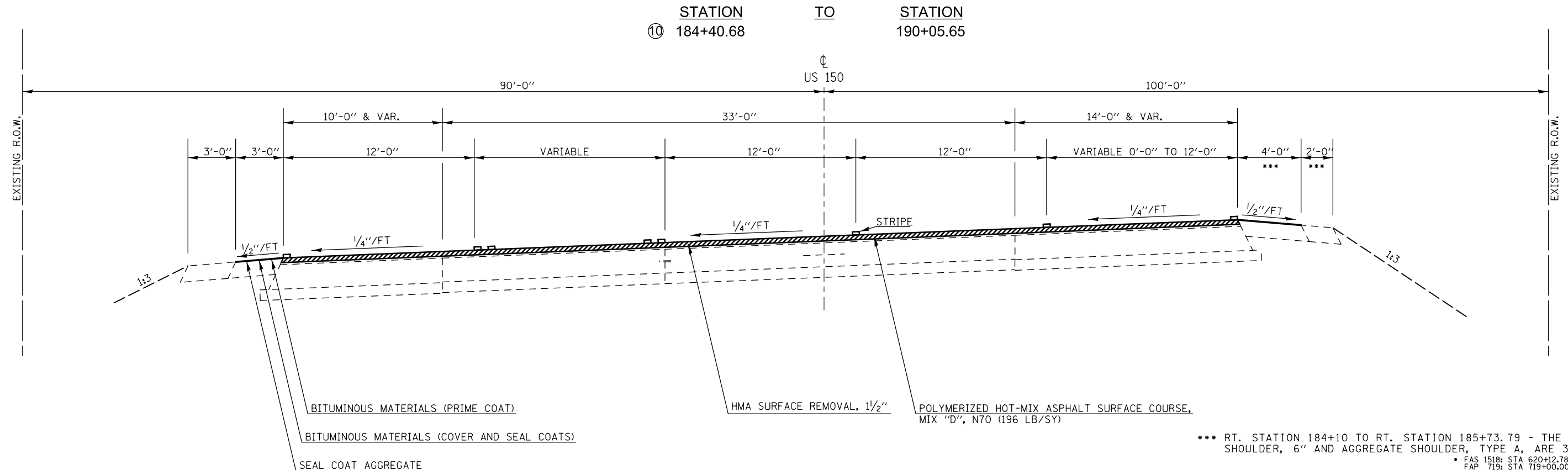
FILE NAME =	USER NAME = bergenej	DESIGNED - AJB 5/20/2014	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\idot\bergenej\d0254648\0570702-sh-typical.CEL		DRAWN -	REVISED -		SCALE:	SHEET 10 OF 11 SHEETS	STA.	TO STA.	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	22
		CHECKED -	REVISED -		CONTRACT NO. 70702							
#MODELNAME#	PLOT DATE = 1/27/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

## EXISTING TYPICAL CROSS SECTION 11



\*\* STATION 183+90.00 TO STATION 187+50.00 AVERAGE THICKNESS IS 1"  
STATION 187+50.00 TO STATION 189+36.31 AVERAGE THICKNESS IS 1 3/4"

## PROPOSED TYPICAL CROSS SECTION 11



\*\*\* RT. STATION 184+10 TO RT. STATION 185+73.79 - THE BITUMINOUS SHOULDER, 6" AND AGGREGATE SHOULDER, TYPE A, ARE 3 FEET WIDE  
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana_j	DESIGNED - AJB 5/20/2014	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\id\dot\bergana_j\0254648\05702-sh-typical.CEL		DRAWN -	REVISED -		SCALE:	SHEET 11 OF 11 SHEETS	STA.	TO STA.	•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	23
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -								<b>CONTRACT NO. 70702</b>		
*MODELNAME#	PLOT DATE = 1/27/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

# SCHEDULE OF QUANTITIES

## HOT-MIX ASPHALT

	STATION	TO	STATION	LENGTH (FOOT)	CADD MEASURED PAVEMENT AREA (SQ YD)	BINDER THICKNESS (INCH)	SURFACE THICKNESS (INCH)	CADD MEASURED SHOULDER AREA (SQ YD)	SHOULDER THICKNESS (INCH)	* BITUMINOUS MATERIALS (PRIME COAT) 40300100 (GALLON)	BITUMINOUS MATERIALS (COVER AND SEAL COATS) 40300300 (GALLON)	SEAL COAT AGGREGATE 40300600 (TON)	** BITUMINOUS MATERIALS (PRIME COAT) 40600275 (POUND)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70 40600839 (TON)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 40603540 (TON)	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" 44000155 (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, 2" 44000157 (SQ YD)	AGGREGATE WEDGE SHOULDER, TYPE B 48102100 (TON)	HOT-MIX ASPHALT SHOULDERS 48203100 (TON)	
FAS 1518 URBAN	620+12.78		670+58.92	5,046.14	19,709.1	0.0	1.75	3,418.3	0.0	683.7	854.6	25.6	8,869.1	0.0	1,931.5	19,709.1	0.0	0.0	0.0	
FAS 1518 URBAN	670+58.92		695+26.22	2,467.30	9,851.4	0.0	0.00	2,335.8	0.0	2,437.4	3,046.8	91.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FAS 1518 URBAN	695+26.22		713+65.00	1,838.78	7,421.3	0.0	1.75	1,561.0	0.0	312.2	390.3	11.7	3,339.6	0.0	727.3	7,421.3	0.0	0.0	0.0	
OMISSION	713+65.00		774+89.00																	
FAP 719 RURAL	774+89.00		853+00.00	7,811.00	23,037.4	0.0	1.75	6,338.9	0.0	1,267.8	1,584.7	47.5	10,366.8	0.0	2,257.7	23,037.4	0.0	0.0	0.0	
FAP 719 URBAN	853+00.00		955+69.21	10,269.21	34,393.3	0.0	1.75	8,388.0	0.0	1,677.6	2,097.0	62.9	15,477.0	0.0	3,370.5	34,393.3	0.0	0.0	0.0	
STA EQUATION	955+69.21 BK		126+00.00 AH																	
FAP 719 URBAN	126+00.00		130+60.00	460.00	1,682.1	0.0	1.75	630.3	0.0	126.1	157.6	4.7	756.9	0.0	164.8	1,682.1	0.0	0.0	0.0	
FAP 719 URBAN	130+60.00		140+42.15	982.15	3,703.1	0.0	2.25	1,104.8	0.0	221.0	276.2	8.3	1,666.4	0.0	466.6	0.0	3,703.1	0.0	0.0	
FAP 719 URBAN	140+42.15		151+48.39	1,106.24	2,715.3	1.0	1.50	1,023.3	2.5	0.0	0.0	0.0	2,293.3	152.1	228.1	0.0	0.0	110.6	143.3	
FAP 719 URBAN	151+48.39		155+73.30	424.91	1,148.6	0.0	1.75	643.4	0.0	128.7	160.9	4.8	516.9	0.0	112.6	1,148.6	0.0	0.0	0.0	
SN 010-0050	155+73.30		158+88.80																	
FAP 719 URBAN	158+88.80		165+55.60	666.80	1,801.5	0.0	1.75	1,012.4	0.0	202.5	253.1	7.6	810.7	0.0	176.5	1,801.5	0.0	0.0	0.0	
FAP 719 URBAN	165+55.60		184+40.68	1,885.08	5,739.4	1.0	1.50	2,043.6	2.5	0.0	0.0	0.0	4,793.7	321.4	482.1	0.0	0.0	188.5	286.1	
FAP 719 URBAN	184+40.68		190+05.65	564.97	3,092.4	0.0	1.75	431.7	0.0	86.3	107.9	3.2	1,391.6	0.0	303.1	3,092.4	0.0	0.0	0.0	
STALEY RD	2+89.67		9+63.03	176.94	893.4	0.0	1.50	0.0	0.0	0.0	0.0	0.0	402.0	0.0	75.0	0.0	0.0	0.0	0.0	
										FAS 1518 URBAN TOTAL:	3,433.3	4,291.7	128.7	12,208.7	0.0	2,658.8	27,130.4	0.0	0.0	
										FAS 1518 URBAN ROUNDED:	3,440.0	4,300.0	130.0	12,210.0	0.0	2,660.0	27,140.0	0.0	0.0	
										FAP 719 RURAL TOTAL:	1,267.8	1,584.7	47.5	10,366.8	0.0	2,257.7	23,037.4	0.0	0.0	
										FAP 719 RURAL ROUNDED:	1,270.0	1,590.0	50.0	10,370.0	0.0	2,260.0	23,040.0	0.0	0.0	
										FAP 719 URBAN TOTAL:	2,442.2	3,052.7	91.5	28,108.5	473.5	5,379.3	42,117.9	3,703.1	299.1	429.4
										FAP 719 URBAN ROUNDED:	2,450.0	3,060.0	100.0	28,110.0	480.0	5,380.0	42,120.0	3,710.0	300.0	430.0
										GRAND TOTAL:	7,160.0	8,950.0	280.0	50,690.0	480.0	10,300.0	92,300.0	3,710.0	300.0	430.0

\*APPLICATION RATE - PRIOR TO SEAL COAT: 0.1 GALLONS/SQ YD, FOG COAT: 0.1 GALLONS/SQ YD  
 \*FOG COAT SHALL NOT BE APPLIED EARLIER THAN ONE WEEK AFTER THE SEAL COAT  
 \*\*APPLICATION RATES - FIRST LIFT: 0.45 LBS/SQ YD, FOG COATS: 0.225 LBS/SQ YD

## PCC/HMA SURFACE REMOVAL – BUTT JOINT

	STATION	TO	STATION	LENGTH (FOOT)	CADD MEASURED AREA (SQ YD)	INCIDENTAL THICKNESS (INCH)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT 40600982 (SQ YD)	PORTLAND CEMENT CONCRETE REMOVAL - BUTT JOINT 40600985 (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) 40800025 (POUND)	INCIDENTAL HOT-MIX ASPHALT SURFACING 40800050 (TON)	
FAP 719 URBAN	140+42.15		140+72.15	30.00	43.8	0.0	43.8	0.0	0.0	0.0	
FAP 719 URBAN	151+18.39		151+48.39	30.00	50.9	0.0	50.9	0.0	0.0	0.0	
FAP 719 URBAN	165+55.60		165+85.60	30.00	39.6	0.0	39.6	0.0	0.0	0.0	
FAP 719 URBAN	184+10.68		184+40.68	30.00	21.9	0.0	21.9	0.0	0.0	0.0	
CARDINAL RD	0+11.78		0+37.61	25.84	227.1	2.0	227.1	0.0	102.2	25.4	
FAP 719 URBAN	142+18.64		142+74.75	20.00	77.7	2.0	0.0	77.7	35.0	8.7	
FAP 719 URBAN	166+09.45		167+75.65	20.00	248.6	2.0	0.0	248.6	111.9	27.8	
FAP 719 URBAN	177+48.51		178+76.22	20.00	206.5	2.0	0.0	206.5	92.9	23.1	
FAP 719 URBAN	182+12.70		183+92.32	20.00	264.5	2.0	0.0	264.5	119.0	29.6	
							FAS 1518 URBAN TOTAL:	0.0	0.0	0.0	
							FAP 719 RURAL TOTAL:	0.0	0.0	0.0	
							FAP 719 URBAN TOTAL:	383.3	797.3	461.0	114.6
							FAP 719 URBAN ROUNDED:	390.0	800.0	470.0	120.0
							GRAND TOTAL:	390.0	800.0	470.0	120.0

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



# SCHEDULE OF QUANTITIES

## TEMPORARY RAMPS

	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	THICKNESS (INCH)	TEMPORARY RAMP 40600990 (SQ YD)
FAS 1518 URBAN	620+12.78		620+17.78	5.00	25.0	1.5	13.9
FAS 1518 URBAN	670+53.98		670+58.98	5.00	36.0	1.5	20.0
FAS 1518 URBAN	695+26.22		695+31.22	5.00	26.0	1.5	14.4
FAS 1518 URBAN	713+60.00		713+65.00	5.00	36.0	1.5	20.0
FAP 719 RURAL	774+89.00		774+94.00	5.00	26.0	1.5	14.4
FAP 719 RURAL	828+15.13		828+20.13	5.00	26.0	1.5	14.4
FAP 719 RURAL	828+27.88		828+32.88	5.00	26.0	1.5	14.4
FAP 719 URBAN	140+85.15		140+92.15	7.00	22.0	2.0	17.1
FAP 719 URBAN	150+98.39		151+03.39	5.00	23.0	1.5	12.8
FAP 719 URBAN	155+68.30		155+73.30	5.00	25.0	1.5	13.9
FAP 719 URBAN	158+88.80		158+93.80	5.00	25.0	1.5	13.9
FAP 719 URBAN	166+00.60		166+05.60	5.00	23.0	1.5	12.8
FAP 719 URBAN	183+90.68		183+95.68	5.00	33.0	1.5	18.3
FAP 719 URBAN	190+00.65		190+05.65	5.00	226.0	1.5	101.8*
URBAN	2+89.67		2+94.67	5.00	26.0	1.5	14.4
URBAN	0+32.61		0+37.61	5.00	50.0	1.5	30.0*
							FAS 1518 URBAN TOTAL: 68.3
							FAS 1518 URBAN ROUNDED: 70.0
							FAP 719 RURAL TOTAL: 43.2
							FAP 719 RURAL ROUNDED: 50.0
							FAP 719 URBAN TOTAL: 235.0
							FAP 719 URBAN ROUNDED: 240.0
							GRAND TOTAL: 360.0

STALEY ROAD  
CARDINAL ROAD

\*AREA MEASURED IN CADD

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\work\pwork\bergana.j\d0254648\05702-SHT-SCHEDULE.DGN	DESIGNED -	REVISED -	•			12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	25	
*MODELNAME*	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70702				
	PLOT DATE = 1/27/2015	DATE -	REVISED -			SCALE:	SHEET 2 OF 16 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

# SCHEDULE OF QUANTITIES

## PIPE CULVERTS

STATION	TO	STATION	OFFSET	PIPE CULVERT REMOVAL 50105220 (FOOT)	PIPE CULVERTS, CLASS A, TYPE 124" 542A0229 (FOOT)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" 54213669 (EACH)	CLASS C PATCHES, TYPE III, 8 INCH 44201333 (SQ YD)	FILLING EXISTING CULVERTS Z0023500 (CU YD)
955+26.14		126+04.91	LT	48.0	48.0	2.0	16.2	5.5
TOTAL:				48.0	48.0	2.0	16.2	5.5
ROUNDED:				50.0	48.0	2.0	17.0	6.0

## EARTH EXCAVATION

LOCATION	EARTH EXCAVATION 20200100 (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE (-) (CU YD)	FURNISHED EXCAVATION 20400800 (CU YD)
FAP 709 URBAN LEFT STA. 954+50 TO 127+00	75.3	56.5	28.0	28.5	0.0
ROUNDED:	80.0	60.0	30.0	30.0	0.0

**NOTES:**

1. THE SHRINKAGE FACTOR USED IS 25%.
2. SHRINKAGE, EMBANKMENT, AND BALANCE IS FOR INFORMATION ONLY.
3. NO PAYMENT WILL BE ALLOWED FOR OVERHAUL
4. EXCAVATION REQUIRED FOR PCC BASE COURSE, FULL DEPTH BITUMINOUS PAVEMENT, BITUMINOUS SHOULDERS, BITUMINOUS BASE COURSE AND AGGREGATE SHOULDER IS MEASURED AND PAID FOR AS EARTH EXCAVATION

## RIP RAP

STATION	TO	STATION	OFFSET	STONE RIPRAP CLASS A 4 28100107 (SQ YD)	FILTER FABRIC 28200200 (SQ YD)	STONE RIPRAP CLASS A4 (TONS)	BEDDING STONE (TONS)	CONCRETE REMOVAL 50102400 (CU YD)
840+17.80		840+40.97	LT	15.5	15.5	10.3	4.7	0.6
ROUNDED:				16.0	16.0	11.0	5.0	1.0

**NOTES:**

1. STONE RIPRAP AND BEDDING STONE TONNAGE QUANTITIES ARE ESTIMATES AND FOR INFORMATION ONLY.
2. STONE RIPRAP IS ESTIMATED BASED ON 1.5 TONS/ CU. YD.
3. BEDDING STONE IS ESTIMATED BASED ON 1.8 TONS/ CU. YD.

## SIDEWALK

LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH 42400200 (SQ FT)	DETECTABLE WARNINGS 42400800 (SQ FT)	COMBINATION CURB AND GUTTER REMOVAL 44000500 (FOOT)	SIDEWALK REMOVAL 44000600 (SQ FT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 60605000 (FOOT)
US 150 & MATTIS AVE. SW CORNER	100.6	23.9	12.0	100.6	12.0
US 150 & MATTIS AVE. SE CORNER	234.7	41.3	39.5	234.7	39.5
TOTAL:	335.3	65.2	51.5	335.3	51.5
ROUNDED:	340.0	70.0	60.0	340.0	60.0

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

# SCHEDULE OF QUANTITIES

## CLASS B PATCHING

			STATION	STATION	LENGTH (FOOT)	WIDTH (FOOT)	CLASS B PATCHES, TYPE II, 9 INCH 44200956 (SQ YD)	CLASS B PATCHES, TYPE III, 9 INCH 44200962 (SQ YD)	CLASS B PATCHES, TYPE IV, 9 INCH 44200964 (SQ YD)	DOWEL BARS 1 1/2" 44201299 (EACH)	PAVEMENT FABRIC 44213100 (SQ YD)	SAW CUTS 44213200 (FOOT)	TIE BARS 3/4" 44213204 (EACH)	
FAP 719	URBAN	EASTBOUND	144+96.00	145+04.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	WESTBOUND	144+96.00	145+04.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	EASTBOUND	148+46.00	148+54.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	WESTBOUND	148+46.00	148+54.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	EASTBOUND	149+76.00	149+84.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	WESTBOUND	149+76.00	149+84.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	EASTBOUND	164+97.00	165+03.00	6.0	12.0	8.0	0.0	0.0	20.0	0.0	54.0	0.0	
FAP 719	URBAN	WESTBOUND	164+97.00	165+03.00	6.0	12.0	8.0	0.0	0.0	20.0	0.0	54.0	0.0	
FAP 719	URBAN	EASTBOUND	167+95.00	168+05.00	10.0	11.0	12.3	0.0	0.0	18.0	0.0	63.0	0.0	
FAP 719	URBAN	WESTBOUND	168+26.00	168+34.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	WESTBOUND	168+92.00	168+98.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	170+96.00	171+04.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	EASTBOUND	171+04.00	171+16.00	12.0	11.0	14.7	0.0	0.0	18.0	0.0	69.0	0.0	
FAP 719	URBAN	EASTBOUND	171+17.00	171+23.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	171+17.00	171+23.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	171+47.00	171+53.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	EASTBOUND	172+47.00	172+53.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	172+47.00	172+53.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	EASTBOUND	172+85.00	172+95.00	10.0	11.0	12.3	0.0	0.0	18.0	0.0	63.0	0.0	
FAP 719	URBAN	EASTBOUND	175+97.00	176+03.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	EB TURNLANE	175+97.00	176+03.00	6.0	8.0	5.4	0.0	0.0	12.0	0.0	42.0	0.0	
FAP 719	URBAN	TURNLANE	176+81.00	176+89.00	8.0	10.0	8.9	0.0	0.0	16.0	0.0	54.0	0.0	
FAP 719	URBAN	EASTBOUND	177+81.00	177+89.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	WESTBOUND	177+92.00	177+98.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	EASTBOUND	178+47.00	178+53.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	178+92.00	178+98.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	179+07.00	179+13.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	179+39.00	179+51.00	12.0	11.0	14.7	0.0	0.0	18.0	0.0	69.0	0.0	
FAP 719	URBAN	EASTBOUND	179+92.00	179+98.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	EB TURNLANE	179+92.00	179+98.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	EASTBOUND	180+15.00	180+25.00	10.0	11.0	12.3	0.0	0.0	18.0	0.0	63.0	0.0	
FAP 719	URBAN	WESTBOUND	180+15.00	180+25.00	10.0	11.0	12.3	0.0	0.0	18.0	0.0	63.0	0.0	
FAP 719	URBAN	TURNLANE	180+15.00	180+25.00	10.0	11.0	12.3	0.0	0.0	18.0	0.0	63.0	0.0	
FAP 719	URBAN	EASTBOUND	180+71.00	180+79.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	WESTBOUND	180+71.00	180+79.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	TURNLANE	180+71.00	180+79.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	WESTBOUND	181+05.00	181+35.00	30.0	11.0	0.0	0.0	36.7	27.0	36.7	123.0	30.0	
FAP 719	URBAN	WESTBOUND	181+72.50	181+87.50	15.0	11.0	0.0	18.4	0.0	18.0	18.4	78.0	0.0	
FAP 719	URBAN	WESTBOUND	182+04.00	182+16.00	12.0	11.0	14.7	0.0	0.0	18.0	0.0	69.0	0.0	
FAP 719	URBAN	WESTBOUND	182+17.50	182+32.50	15.0	11.0	0.0	18.4	0.0	18.0	18.4	78.0	0.0	
FAP 719	URBAN	EASTBOUND	182+27.00	182+33.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	182+32.50	182+57.50	25.0	11.0	0.0	0.0	30.6	27.0	30.6	108.0	25.0	
FAP 719	URBAN	EASTBOUND	182+51.00	182+59.00	8.0	11.0	9.8	0.0	0.0	18.0	0.0	57.0	0.0	
FAP 719	URBAN	WESTBOUND	182+75.00	182+85.00	10.0	11.0	12.3	0.0	0.0	18.0	0.0	63.0	0.0	
FAP 719	URBAN	WESTBOUND	183+14.00	183+26.00	12.0	11.0	14.7	0.0	0.0	18.0	0.0	69.0	0.0	
FAP 719	URBAN	WESTBOUND	183+17.50	183+42.50	25.0	11.0	0.0	0.0	30.6	27.0	30.6	108.0	25.0	
FAP 719	URBAN	EASTBOUND	183+92.00	183+98.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	183+92.00	183+98.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	TURNLANE	183+92.00	183+98.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	184+12.00	184+18.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	EASTBOUND	184+37.00	184+43.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	184+37.00	184+43.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	TURNLANE	184+37.00	184+43.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	184+92.00	184+98.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	EASTBOUND	185+37.00	185+43.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	185+37.00	185+43.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	TURNLANE	185+37.00	185+43.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	185+87.00	185+93.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	EASTBOUND	186+37.00	186+43.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	WESTBOUND	186+37.00	186+43.00	6.0	11.0	7.4	0.0	0.0	18.0	0.0	51.0	0.0	
FAP 719	URBAN	TURNLANE	186+37.00	186+43.00	6.0	14.0	9.4	0.0	0.0	24.0	0.0	60.0	0.0	
FAP 719 URBAN TOTAL:								506.9	36.8	97.9	1,127.0	134.7	3,582.0	80.0
ROUNDED TOTAL:								510.0	40.0	100.0	1,130.0	140.0	3,590.0	80.0

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana_j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p1dot\bergana_j\0254648\0570702-SHT-SCHEDULE.DGN		DRAWN -	REVISED -			•	12(RS-4,RS-5)&RS-3			103	27
\$MODELNAME\$		CHECKED -	REVISED -			SCALE:		SHEET 4 OF 16 SHEETS		STA. TO STA.	
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

CONTRACT NO. 70702

# SCHEDULE OF QUANTITIES

## PARTIAL DEPTH PATCHING

			STATION	STATION	LENGTH (FOOT)	WIDTH (FOOT)	PARTIAL DEPTH REMOVAL, TYPE I, 8" X4406080 (SQ YD)	PARTIAL DEPTH REMOVAL, TYPE II, 8" X4406280 (SQ YD)	PARTIAL DEPTH REMOVAL, TYPE III, 8" X4406480 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TON)	
FAS 1518	URBAN	EASTBOUND	620+82.00	620+88.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAS 1518	URBAN	WESTBOUND	620+82.00	620+88.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAS 1518	URBAN	WESTBOUND	637+25.00	637+45.00	20.0	12.0	0.0	26.7	0.0	12.0	
FAS 1518	URBAN	WESTBOUND	652+07.00	652+13.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAS 1518	URBAN	EASTBOUND	653+27.00	653+33.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAS 1518	URBAN	WESTBOUND	653+27.00	653+33.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAS 1518	URBAN	WESTBOUND	654+10.00	654+70.00	60.0	12.0	0.0	0.0	80.0	35.9	
FAS 1518	URBAN	EASTBOUND	655+12.00	655+18.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAS 1518	URBAN	WESTBOUND	655+12.00	655+18.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAS 1518	URBAN	EASTBOUND	656+92.00	656+98.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAS 1518	URBAN	WESTBOUND	656+92.00	656+98.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAS 1518	URBAN	EASTBOUND	657+62.00	657+68.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAS 1518	URBAN	WESTBOUND	657+62.00	657+68.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAS 1518	URBAN	WESTBOUND	659+42.00	659+48.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAS 1518	URBAN	WESTBOUND	665+00.00	665+20.00	20.0	12.0	0.0	26.7	0.0	12.0	
FAS 1518	URBAN	WESTBOUND	666+62.00	666+68.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAP 719	RURAL	WESTBOUND	783+07.00	783+13.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	WESTBOUND	784+47.00	784+53.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	784+47.00	784+53.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	WESTBOUND	789+92.00	789+98.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	789+92.00	789+98.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	801+17.00	801+23.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	WESTBOUND	823+57.00	823+63.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	823+57.00	823+63.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	824+40.00	824+70.00	30.0	13.0	0.0	43.4	0.0	19.5	
FAP 719	RURAL	WESTBOUND	829+22.00	829+28.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	829+22.00	829+28.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	829+77.00	829+83.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	WESTBOUND	829+87.00	829+93.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	829+87.00	829+93.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	831+97.00	832+03.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	WESTBOUND	832+42.00	832+48.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	WESTBOUND	832+87.00	832+93.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	WESTBOUND	834+57.00	834+63.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	834+57.00	834+63.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	WESTBOUND	840+57.00	840+63.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	WESTBOUND	842+62.00	842+68.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	842+62.00	842+68.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	WESTBOUND	848+42.00	848+48.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	RURAL	EASTBOUND	848+42.00	848+48.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	URBAN	WESTBOUND	863+27.00	863+33.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	URBAN	WESTBOUND	868+10.00	868+20.00	10.0	13.0	0.0	14.5	0.0	6.5	
FAP 719	URBAN	EASTBOUND	868+10.00	868+20.00	10.0	13.0	0.0	14.5	0.0	6.5	
FAP 719	URBAN	WESTBOUND	905+17.00	905+23.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	URBAN	WESTBOUND	936+37.00	936+43.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	URBAN	EASTBOUND	936+37.00	936+43.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	URBAN	EASTBOUND	947+77.00	947+83.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	URBAN	EB TURNLANE	947+77.00	947+83.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	URBAN	EASTBOUND	949+52.00	949+58.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	URBAN	EASTBOUND	949+72.00	949+78.00	6.0	13.0	0.0	8.7	0.0	3.9	
FAP 719	URBAN	EASTBOUND	951+71.00	951+79.00	8.0	13.0	0.0	11.6	0.0	5.2	
FAP 719	URBAN	EB TURNLANE	951+71.00	951+79.00	8.0	13.0	0.0	11.6	0.0	5.2	
FAP 719	URBAN	EASTBOUND	955+40.00	955+60.00	20.0	12.0	0.0	26.7	0.0	12.0	
FAP 719	URBAN	EASTBOUND	126+12.00	126+18.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAP 719	URBAN	EB TURNLANE	126+12.00	126+18.00	6.0	12.0	0.0	8.0	0.0	3.6	
FAP 719	URBAN	WESTBOUND	128+57.00	128+63.00	6.0	11.0	7.4	0.0	0.0	3.4	
FAP 719	URBAN	EASTBOUND	128+57.00	128+63.00	6.0	11.0	7.4	0.0	0.0	3.4	
FAP 719	URBAN	EB TURNLANE	128+57.00	128+63.00	6.0	11.0	7.4	0.0	0.0	3.4	
FAP 719	URBAN	EASTBOUND	131+02.00	131+08.00	6.0	11.0	7.4	0.0	0.0	3.4	
FAP 719	URBAN	EB TURNLANE	131+02.00	131+08.00	6.0	11.0	7.4	0.0	0.0	3.4	
							FAS 1518 URBAN TOTAL:	0.0	158.8	80.0	107.3
							FAS 1518 URBAN ROUNDED:	0.0	160.0	80.0	110.0
							FAP 719 RURAL TOTAL:	0.0	243.5	0.0	109.2
							FAP 719 RURAL ROUNDED:	0.0	250.0	0.0	110.0
							FAP 719 URBAN TOTAL:	37.0	164.5	0.0	90.8
							FAP 719 URBAN ROUNDED:	40.0	170.0	0.0	100.0
							GRAND TOTAL:	40.0	580.0	80.0	320.0

## CLASS D PATCHING

			STATION	STATION	LENGTH (FOOT)	WIDTH (FOOT)	CLASS D PATCHES, TYPE II, 14 INCH 44201815 (SQ YD)	
FAS 1518	URBAN	TURN LANE	639+32.00	639+38.00	6	11	7.4	
FAS 1518	URBAN	WESTBOUND	661+26.00	661+34.00	8	12	10.7	
FAS 1518	URBAN	WESTBOUND	665+52.00	665+58.00	6	12	8.0	
FAS 1518	URBAN	EASTBOUND	698+60.00	698+70.00	10	12	13.4	
FAP 719	RURAL	EASTBOUND	808+12.00	808+18.00	6	13	8.7	
FAP 719	RURAL	WESTBOUND	808+12.00	808+18.00	6	13	8.7	
FAP 719	RURAL	EASTBOUND	809+10.00	809+20.00	10	13	14.5	
FAP 719	RURAL	WESTBOUND	809+10.00	809+20.00	10	13	14.5	
FAP 719	RURAL	EASTBOUND	829+62.00	829+68.00	6	13	8.7	
FAP 719	RURAL	WESTBOUND	829+62.00	829+68.00	6	13	8.7	
FAP 719	RURAL	EASTBOUND	851+32.00	851+38.00	6	13	8.7	
FAP 719	RURAL	WESTBOUND	851+32.00	851+38.00	6	13	8.7	
FAP 719	URBAN	EASTBOUND	137+00.00	137+10.00	10	12	13.4	
FAP 719	URBAN	EB TURN LANE	137+00.00	137+10.00	10	12	13.4	
							FAS 1518 URBAN TOTAL:	39.5
							FAS 1518 URBAN ROUNDED:	40.0
							FAP 719 RURAL TOTAL:	81.2
							FAP 719 RURAL ROUNDED:	90.0
							FAP 719 URBAN TOTAL:	26.8
							FAP 719 URBAN ROUNDED:	30.0
							GRAND TOTAL:	160.0

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

# SCHEDULE OF QUANTITIES

## RUMBLE STRIPS (LEFT)

		LOCATION	STATION	TO	STATION	SHOULDER RUMBLE STRIPS, 8 INCH 64200108 (FOOT)
FAS 1518	URBAN	LEFT	629+33.26		636+40.90	707.64
FAS 1518	URBAN	LEFT	638+10.48		644+42.57	632.09
FAS 1518	URBAN	LEFT	645+32.89		646+97.67	164.78
FAS 1518	URBAN	LEFT	647+42.10		650+77.77	335.67
FAS 1518	URBAN	LEFT	651+28.99		657+94.41	665.42
FAS 1518	URBAN	LEFT	659+32.79		669+12.42	979.63
FAS 1518	URBAN	LEFT	670+59.02		676+92.70	633.68
FAS 1518	URBAN	LEFT	677+25.42		684+58.12	732.70
FAS 1518	URBAN	LEFT	685+98.60		695+61.22	962.62
FAS 1518	URBAN	LEFT	696+26.69		700+21.59	394.90
FAS 1518	URBAN	LEFT	700+57.21		703+82.38	325.17
FAS 1518	URBAN	LEFT	704+20.97		706+36.56	215.59
FAS 1518	URBAN	LEFT	714+22.80		717+51.57	328.77
FAP 719	RURAL	LEFT	739+27.50		739+61.30	33.80
STATION EQUATION			739+61.30 BK		739+65.42 AH	
FAP 719	RURAL	LEFT	739+65.42		740+41.53	76.11
FAP 719	RURAL	LEFT	741+69.87		744+94.52	324.65
FAP 719	RURAL	LEFT	746+25.22		747+69.66	144.44
FAP 719	RURAL	LEFT	748+37.32		749+64.75	127.43
FAP 719	RURAL	LEFT	750+29.52		752+37.62	208.10
FAP 719	RURAL	LEFT	753+12.19		762+72.28	960.09
FAP 719	RURAL	LEFT	763+06.79		765+71.91	265.12
FAP 719	RURAL	LEFT	766+05.04		790+03.28	2,398.24
FAP 719	RURAL	LEFT	790+37.89		795+49.03	511.14
FAP 719	RURAL	LEFT	796+28.05		805+65.15	937.10
FAP 719	RURAL	LEFT	806+12.37		810+17.09	404.72
FAP 719	RURAL	LEFT	810+53.00		811+64.60	111.60
FAP 719	RURAL	LEFT	812+36.89		814+79.43	242.54
FAP 719	RURAL	LEFT	815+17.61		821+78.98	661.37
FAP 719	RURAL	LEFT	822+51.67		823+75.55	123.88
FAP 719	RURAL	LEFT	824+11.66		826+22.17	210.51
FAP 719	RURAL	LEFT	826+67.30		837+55.78	1,088.48
FAP 719	RURAL	LEFT	838+74.91		840+91.76	216.85
FAP 719	RURAL	LEFT	842+76.15		844+38.50	162.35
FAP 719	RURAL	LEFT	845+70.49		847+49.51	179.02
FAP 719	RURAL	LEFT	848+11.67		852+60.12	448.45
FAP 719	URBAN	LEFT	853+28.91		869+43.13	1,614.22
FAP 719	URBAN	LEFT	869+75.95		884+64.71	1,488.76
FAP 719	URBAN	LEFT	885+43.59		893+78.07	834.48
FAP 719	URBAN	LEFT	894+13.00		902+11.02	798.02
FAP 719	URBAN	LEFT	902+96.66		911+42.29	845.63
FAP 719	URBAN	LEFT	912+05.58		912+99.68	94.10
FAP 719	URBAN	LEFT	915+61.58		916+35.91	74.33
FAP 719	URBAN	LEFT	917+84.07		919+69.82	185.75
FAP 719	URBAN	LEFT	920+36.34		926+57.72	621.38
FAP 719	URBAN	LEFT	927+00.99		927+85.37	84.38
FAP 719	URBAN	LEFT	928+29.00		946+18.10	1,789.10
FAP 719	URBAN	LEFT	952+66.90		955+05.96	239.06
FAP 719	URBAN	LEFT	126+23.19		131+58.63	535.44
FAP 719	URBAN	LEFT	138+36.20		142+05.17	368.97
FAP 719	URBAN	LEFT	142+89.36		147+84.18	494.82
FAP 719	URBAN	LEFT	148+31.81		155+73.30	741.49
FAP 719	URBAN	LEFT	158+88.80		166+09.04	720.24
FAP 719	URBAN	LEFT	167+75.65		189+38.21	2,162.56
LEFT FAS 1518 URBAN TOTAL:						7,078.66
LEFT FAS 1518 URBAN ROUNDED:						7,080.00
LEFT FAP 719 RURAL TOTAL:						9,835.99
LEFT FAP 719 RURAL ROUNDED:						9,840.00
LEFT FAP 719 URBAN TOTAL:						13,692.73
LEFT FAP 719 URBAN ROUNDED:						13,700.00
LEFT TOTAL ROUNDED:						30,620.00

## RUMBLE STRIPS (RIGHT)

		LOCATION	STATION	TO	STATION	SHOULDER RUMBLE STRIPS, 8 INCH 64200108 (FOOT)
FAS 1518	URBAN	RIGHT	631+16.54		636+78.42	561.88
FAS 1518	URBAN	RIGHT	638+02.97		641+01.17	298.20
FAS 1518	URBAN	RIGHT	641+90.54		644+01.57	211.03
FAS 1518	URBAN	RIGHT	646+33.68		646+71.50	37.82
FAS 1518	URBAN	RIGHT	647+12.90		651+22.01	409.11
FAS 1518	URBAN	RIGHT	652+21.24		662+62.86	1,041.62
FAS 1518	URBAN	RIGHT	663+45.64		669+61.82	616.18
FAS 1518	URBAN	RIGHT	670+62.42		676+34.88	572.46
FAS 1518	URBAN	RIGHT	677+74.60		684+74.73	700.13
FAS 1518	URBAN	RIGHT	686+62.27		695+86.24	923.97
FAS 1518	URBAN	RIGHT	696+24.67		700+18.06	393.39
FAS 1518	URBAN	RIGHT	700+50.91		702+27.38	176.47
FAS 1518	URBAN	RIGHT	702+79.76		703+54.48	74.72
FAS 1518	URBAN	RIGHT	704+20.26		705+08.17	87.91
FAS 1518	URBAN	RIGHT	705+51.84		710+08.38	456.54
FAS 1518	URBAN	RIGHT	710+55.78		713+65.00	309.22
FAP 719	RURAL	RIGHT	719+74.95		738+46.01	1,871.06
FAP 719	RURAL	RIGHT	739+31.10		739+61.30	30.20
STATION EQUATION			739+61.30 BK		739+65.42 AH	
FAP 719	RURAL	RIGHT	739+65.42		741+05.24	139.82
FAP 719	RURAL	RIGHT	741+53.15		765+04.42	2,351.27
FAP 719	RURAL	RIGHT	766+71.04		790+42.06	2,371.02
FAP 719	RURAL	RIGHT	790+75.46		807+65.03	1,689.57
FAP 719	RURAL	RIGHT	807+96.21		813+60.19	563.98
FAP 719	RURAL	RIGHT	814+01.67		821+82.91	781.24
FAP 719	RURAL	RIGHT	822+78.21		825+53.71	275.50
FAP 719	RURAL	RIGHT	826+75.91		833+17.21	641.30
FAP 719	RURAL	RIGHT	833+90.09		844+82.72	1,092.63
FAP 719	RURAL	RIGHT	845+24.54		853+00.00	775.46
FAP 719	URBAN	RIGHT	853+00.00		853+46.00	46.00
FAP 719	URBAN	RIGHT	853+80.41		879+07.20	2,526.79
FAP 719	URBAN	RIGHT	886+00.86		892+44.74	643.88
FAP 719	URBAN	RIGHT	892+88.28		913+83.41	2,095.13
FAP 719	URBAN	RIGHT	914+47.24		926+58.64	1,211.40
FAP 719	URBAN	RIGHT	927+15.72		927+84.79	69.07
FAP 719	URBAN	RIGHT	928+20.37		933+47.84	527.47
FAP 719	URBAN	RIGHT	933+83.24		947+42.09	1,358.85
FAP 719	URBAN	RIGHT	948+02.08		953+81.51	579.43
FAP 719	URBAN	RIGHT	954+16.64		955+69.21	152.57
STATION EQUATION			955+69.21 BK		126+00.00 AH	
FAP 719	URBAN	RIGHT	126+00.00		149+55.99	2,355.99
FAP 719	URBAN	RIGHT	150+62.79		155+73.30	510.51
FAP 719	URBAN	RIGHT	158+88.80		177+31.01	1,842.21
FAP 719	URBAN	RIGHT	178+89.56		181+95.14	305.58
FAP 719	URBAN	RIGHT	184+12.53		189+34.85	522.32
RIGHT FAS 1518 URBAN TOTAL:						6,870.65
RIGHT FAS 1518 URBAN ROUNDED:						6,880.00
RIGHT FAP 719 RURAL TOTAL:						12,583.05
RIGHT FAP 719 RURAL ROUNDED:						12,590.00
RIGHT FAP 719 URBAN TOTAL:						14,747.20
RIGHT FAP 719 URBAN ROUNDED:						14,750.00
RIGHT TOTAL ROUNDED:						34,220.00
GRAND TOTAL ROUNDED:						64,840.00

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\bergana\0254648\0570702-SHT-SCHEDULE.DGN		DRAWN -	REVISED -			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	29	
\$MODELNAME\$		CHECKED -	REVISED -			SCALE: SHEET 6 OF 16 SHEETS STA. TO STA.					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

# SCHEDULE OF QUANTITIES

## GUARDRAIL

		LOCATION	TO	LOCATION	LENGTH (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 6 63100085 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL MARKER, TYPE A 78200410 (EACH)	BARRIER WALL MARKERS, TYPE C 78200530 (EACH)	TERMINAL MARKER - DIRECT APPLIED 78201000 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (SPECIAL) X6310176 (EACH)	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) X6330725 (FOOT)
FAS 1518 URBAN	LT	620+38.89		620+82.04	43.15		1.0						
FAS 1518 URBAN	LT	620+82.04		627+61.55	687.50	687.5			6.0	0.0			
FAS 1518 URBAN	LT	627+61.55		628+11.55	50.00			1.0			1.0		
FAS 1518 URBAN	RT	620+12.90		620+56.05	43.15		1.0						
FAS 1518 URBAN	RT	620+56.05		622+43.55	187.50	187.5			4.0	0.0			
FAS 1518 URBAN	RT	622+43.55		622+93.55	50.00			1.0			1.0		
FAP 719 RURAL	LT	807+11.21		807+61.21	50.00			1.0			1.0		
FAP 719 RURAL	LT	807+61.21		810+11.21	250.00	250.0			4.0	0.0			
FAP 719 RURAL	LT	810+11.21		810+21.56	12.50								12.5
FAP 719 RURAL	LT	810+21.56		810+21.65	12.50						1.0	1.0	
FAP 719 RURAL	RT	807+98.25		807+98.37	12.50						1.0	1.0	
FAP 719 RURAL	RT	807+98.37		808+10.49	12.50				4.0	0.0			12.5
FAP 719 RURAL	RT	808+10.49		809+60.49	150.00	150.0							
FAP 719 RURAL	RT	809+60.49		810+10.49	50.00			1.0			1.0		
FAP 719 URBAN	LT	150+80.40		151+30.40	50.00			1.0			1.0		
FAP 719 URBAN	LT	151+30.40		155+47.46	412.50	412.5			4.0	0.0			
FAP 719 URBAN	LT	155+47.46		155+90.61	43.15		1.0						
FAP 719 URBAN	RT	150+89.49		151+39.49	50.00			1.0			1.0		
FAP 719 URBAN	RT	151+39.49		155+47.48	412.50	412.5			5.0	0.0			
FAP 719 URBAN	RT	155+47.48		155+90.63	43.15		1.0						
FAP 719 URBAN	LT	158+71.32		159+14.47	43.15		1.0						
FAP 719 URBAN	LT	159+14.47		165+89.47	675.00	675.0			6.0	1.0			
FAP 719 URBAN	LT	165+89.47		166+39.47	50.00			1.0			1.0		
FAP 719 URBAN	RT	158+70.90		159+14.05	43.15		1.0						
FAP 719 URBAN	RT	159+14.05		168+64.05	950.00	950.0			3.0	1.0			
FAP 719 URBAN	RT	168+64.05		169+14.05	50.00			1.0			1.0		
FAS 1518 URBAN TOTAL:						875.0	2.0	2.0	10.0	0.0	2.0	0.0	0.0
FAP 719 RURAL TOTAL:						400.0	0.0	2.0	8.0	0.0	4.0	2.0	25.0
FAP 719 URBAN TOTAL:						2,450.0	4.0	4.0	18.0	2.0	4.0	0.0	0.0
GRAND TOTAL:						3,725.0	6.0	8.0	36.0	2.0	10.0	2.0	25.0

## GUARDRAIL REMOVAL

		LOCATION	TO	LOCATION	LENGTH (FOOT)	GUARDRAIL REMOVAL 63200310 (FOOT)
FAS 1518 URBAN	RT	620+14.51		622+95.16	283.77	283.8
FAS 1518 URBAN	LT	620+40.23		628+08.38	776.65	776.6
FAP 719 RURAL	RT	807+84.99		810+10.77	226.70	226.7
FAP 719 RURAL	LT	807+11.21		810+34.24	323.42	323.4
FAP 719 URBAN	LT	146+48.76		147+88.72	138.12	138.1
FAP 719 URBAN	RT	150+88.06		155+90.63	506.95	507.0
FAP 719 URBAN	LT	148+26.51		155+90.61	756.12	756.1
FAP 719 URBAN	RT	158+70.90		169+14.36	1,043.46	1,043.5
FAP 719 URBAN	LT	158+71.32		166+33.39	762.07	762.1
FAS 1518 URBAN TOTAL:						1,060.4
FAS 1518 URBAN ROUNDED:						1,070.0
FAP 719 RURAL TOTAL:						550.1
FAP 719 RURAL ROUNDED:						560.0
FAP 719 URBAN TOTAL:						3,206.8
FAP 719 URBAN ROUNDED:						3,210.0
GRAND TOTAL:						4,840.0

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

# SCHEDULE OF QUANTITIES

## SURVEY MARKERS

	LOCATION	STATION	OFFSET	NORTHING	EASTING	SURVEY MARKER, TYPE 2 (SPECIAL) XZ193400 (EACH)	SURVEY MARKER, VAULT Z0070202 (EACH)
FAS 1518 URBAN	PC 56	623+90.04	0.0'	1,283,570.214	966,301.499	1	0
FAS 1518 URBAN	PT 57	628+24.37	0.0'	1,283,377.350	966,686.833	1	0
FAS 1518 URBAN	PC 58	631+75.51	0.0'	1,283,156.035	966,959.449	1	0
FAS 1518 URBAN	PI 85	633+93.80	12.0533'	1,283,018.455	967,128.920	0	1
FAS 1518 URBAN	PT 86	636+10.31	0.0'	1,282,921.302	967,324.393	1	0
FAS 1518 URBAN	PC 61	647+86.66	0.0'	1,282,397.737	968,377.809	1	0
FAS 1518 URBAN	PT 62	654+20.43	0.0'	1,282,215.861	968,981.495	1	0
FAS 1518 URBAN	PC 63	663+97.90	0.0'	1,282,102.398	969,952.359	1	0
FAS 1518 URBAN	PI 79	670+19.36	-9.1766'	1,282,026.738	970,569.198	0	1
FAS 1518 URBAN	PI 76	702+51.03	-9.944'	1,281,444.585	973,748.362	0	1
FAS 1518 URBAN	PT 64	712+49.49	0.0'	1,281,225.722	974,722.813	1	0
FAS 1518 URBAN	PC 75	714+12.00	0.0'	1,281,190.110	974,881.372	1	0
FAP 719 RURAL	PC 4	794+33.47	0.0'	1,277,134.412	981,772.575	1	0
FAP 719 RURAL	PI 17	798+94.70	-3.1645	1,276,890.344	982,163.937	0	1
FAP 719 RURAL	PT 18	803+55.88	0.0'	1,276,635.629	982,548.454	1	0
FAP 719 RURAL	PC 20	819+72.39	0.0'	1,275,742.905	983,896.107	1	0
FAP 719 RURAL	PI 19	825+01.61	-4.9899	1,275,450.609	984,337.356	0	1
FAP 719 RURAL	PT 7	830+30.83	0.0'	1,275,175.157	984,789.311	1	0
FAP 719 RURAL	PC 3	850+06.92	0.0'	1,274,146.743	986,476.704	1	0
FAP 719 URBAN	PT 22	860+00.98	0.0'	1,273,677.874	987,352.658	1	0
FAP 719 URBAN	PC 24	869+07.44	0.0'	1,273,295.416	988,174.478	1	0
FAP 719 URBAN	PT 11	878+90.17	0.0'	1,272,756.520	988,992.041	1	0
FAP 719 URBAN	PC 12	885+82.46	0.0'	1,272,294.862	989,507.915	1	0
FAP 719 URBAN	PT 13	895+50.19	0.0'	1,271,715.917	990,281.818	1	0
FAP 719 URBAN	PI 14	898+13.62	0.0'	1,271,577.200	990,505.774	0	1
FAP 719 URBAN	POT 40	906+26.81	0.0'	1,271,148.314	991,196.670	1	0
FAP 719 URBAN	PC 66	945+07.77	0.0'	1,269,104.084	994,495.605	1	0
FAP 719 URBAN	PI 144	950+19.23	-4.5657'	1,268,834.685	994,930.356	0	1
FAP 719 URBAN	PT 67	955+30.57	0.0'	1,268,549.937	995,355.212	1	0
FAP 719 URBAN	PC 89	128+06.20	0.0'	1,268,413.622	995,558.602	1	0
FAP 719 URBAN	PT 68	140+88.02	0.0'	1,267,385.423	996,273.557	1	0
FAP 719 URBAN	PC 90	144+16.86	0.0'	1,267,065.613	996,350.078	1	0
FAP 719 URBAN	PT 69	154+78.15	0.0'	1,266,171.362	996,889.926	1	0
FAP 719 URBAN	PC 91	169+88.41	0.0'	1,265,176.203	998,025.943	1	0
FAP 719 URBAN	PT 92	188+26.01	0.0'	1,264,616.443	999,724.824	1	0
FAS 1518 URBAN TOTAL:						9	3
FAP 719 RURAL TOTAL:						5	2
FAP 719 URBAN TOTAL:						14	2
GRAND TOTAL:						28	7

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\bergana.j\0254648\0570702-SHT-SCHEDULE.DGN		DRAWN -	REVISED -			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	31	
\$MODELNAME\$		CHECKED -	REVISED -			CONTRACT NO. 70702					
	PLOT DATE = 1/27/2015	DATE -	REVISED -			SCALE:	SHEET 8 OF 16 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

# SCHEDULE OF QUANTITIES

## PAVEMENT MARKING, LINE 4" FAS 1518 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	TO	STATION	LENGTH (FOOT)	# OF WHITE STRIPES	# OF YELLOW STRIPES	MODIFIED URETHANE PAVEMENT MARKING, 4" 78009004 (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 5" X7830070 (FOOT)
									WHITE	YELLOW	
MAINLINE	CTR	MEDIAN	620+12.78		623+09.00	296.2	0.00	2.00	0.0	592.4	592.4
MAINLINE	LT	MEDIAN	623+09.00		626+21.00	312.0	0.00	2.00	0.0	624.0	624.0
MAINLINE	RT	MEDIAN	623+09.00		626+21.00	312.0	0.00	2.00	0.0	624.0	624.0
MAINLINE	LT	TWLT	626+21.00		628+74.00	253.0	0.00	1.25	0.0	316.3	316.3
MAINLINE	RT	TWLT	626+21.00		628+74.00	253.0	0.00	1.25	0.0	316.3	316.3
MAINLINE	LT	EDGE LINE	628+74.00		636+60.00	786.0	1.00	0.00	786.0	0.0	786.0
MAINLINE	RT	EDGE LINE	629+90.00		630+19.00	29.0	1.00	0.00	29.0	0.0	29.0
MAINLINE	LT	LANE LINE	630+01.00		631+17.00	116.0	1.00	0.00	116.0	0.0	116.0
MAINLINE	RT	MEDIAN	630+01.00		632+01.00	200.0	0.00	2.00	0.0	400.0	400.0
MAINLINE	RT	EDGE LINE	631+16.00		644+13.00	1,297.0	1.00	0.00	1,297.0	0.0	1,297.0
MAINLINE	LT	TWLT	632+01.00		635+03.00	302.0	0.00	1.25	0.0	377.5	377.5
MAINLINE	RT	TWLT	632+01.00		635+03.00	302.0	0.00	1.25	0.0	377.5	377.5
MAINLINE	LT	MEDIAN	635+03.00		637+01.00	198.0	0.00	2.00	0.0	396.0	396.0
MAINLINE	RT	LANE LINE	635+86.00		637+01.00	115.0	1.00	0.00	115.0	0.0	115.0
MAINLINE	LT	MEDIAN	637+92.00		638+11.00	19.0	0.00	4.00	0.0	76.0	76.0
MAINLINE	LT	MEDIAN	638+11.00		638+52.00	41.0	0.00	2.00	0.0	82.0	82.0
MAINLINE	RT	MEDIAN	638+11.00		638+52.00	41.0	0.00	2.00	0.0	82.0	82.0
MAINLINE	LT	EDGE LINE	637+92.00		658+00.00	2,008.0	1.00	0.00	2,008.0	0.0	2,008.0
MAINLINE	LT	TWLT	638+52.00		643+56.00	504.0	0.00	1.25	0.0	630.0	630.0
MAINLINE	RT	TWLT	638+52.00		643+56.00	504.0	0.00	1.25	0.0	630.0	630.0
MAINLINE	LT	MEDIAN	643+56.00		643+95.00	39.0	0.00	2.00	0.0	78.0	78.0
MAINLINE	RT	MEDIAN	643+56.00		643+95.00	39.0	0.00	2.00	0.0	78.0	78.0
MAINLINE	RT	MEDIAN	643+95.00		644+13.00	18.0	0.00	4.00	0.0	72.0	72.0
MAINLINE	RT	EDGE LINE	644+95.00		645+25.00	30.0	1.00	0.00	30.0	0.0	30.0
MAINLINE	LT	LANE LINE	645+15.00		646+29.00	114.0	1.00	0.00	114.0	0.0	114.0
MAINLINE	RT	MEDIAN	645+15.00		647+10.00	195.0	0.00	2.00	0.0	390.0	390.0
MAINLINE	RT	EDGE LINE	646+30.00		651+23.00	493.0	1.00	0.00	493.0	0.0	493.0
MAINLINE	LT	TWLT	647+10.00		651+43.00	433.0	0.00	1.25	0.0	541.3	541.3
MAINLINE	RT	TWLT	647+10.00		651+43.00	433.0	0.00	1.25	0.0	541.3	541.3
MAINLINE	LT	TWLT	652+15.00		657+95.00	580.0	0.00	1.25	0.0	725.0	725.0
MAINLINE	RT	TWLT	652+15.00		657+95.00	580.0	0.00	1.25	0.0	725.0	725.0
MAINLINE	RT	EDGE LINE	652+21.00		669+62.00	1,741.0	1.00	0.00	1,741.0	0.0	1,741.0
MAINLINE	LT	EDGE LINE	659+33.00		669+12.00	979.0	1.00	0.00	979.0	0.0	979.0
MAINLINE	LT	TWLT	659+33.00		669+12.00	979.0	0.00	1.25	0.0	1,223.8	1,223.8
MAINLINE	RT	TWLT	659+33.00		669+12.00	979.0	0.00	1.25	0.0	1,223.8	1,223.8
MAINLINE	LT	EDGE LINE	670+56.00		684+58.00	1,402.0	1.00	0.00	1,402.0	0.0	1,402.0
MAINLINE	RT	EDGE LINE	670+56.00		676+52.00	596.0	1.00	0.00	596.0	0.0	596.0
MAINLINE	LT	LANE LINE	670+56.00		673+21.00	265.0	1.00	0.00	265.0	0.0	265.0
MAINLINE	RT	MEDIAN	670+56.00		673+50.00	294.0	0.00	2.00	0.0	588.0	588.0
MAINLINE	LT	MEDIAN	673+50.00		676+52.00	302.0	0.00	2.00	0.0	604.0	604.0
MAINLINE	RT	LANE LINE	673+81.00		676+52.00	271.0	1.00	0.00	271.0	0.0	271.0
MAINLINE	LT	LANE LINE	677+61.00		680+27.00	266.0	1.00	0.00	266.0	0.0	266.0
MAINLINE	RT	MEDIAN	677+61.00		681+22.00	361.0	0.00	2.00	0.0	722.0	722.0
MAINLINE	LT	MEDIAN	681+22.00		684+80.00	358.0	0.00	2.00	0.0	716.0	716.0
MAINLINE	RT	EDGE LINE	677+61.00		684+80.00	719.0	1.00	0.00	719.0	0.0	719.0
MAINLINE	RT	LANE LINE	682+16.00		684+80.00	264.0	1.00	0.00	264.0	0.0	264.0
MAINLINE	LT	EDGE LINE	686+00.00		706+55.00	2,055.0	1.00	0.00	2,055.0	0.0	2,055.0
MAINLINE	RT	EDGE LINE	686+33.00		713+65.00	2,732.0	1.00	0.00	2,732.0	0.0	2,732.0
MAINLINE	LT	LANE LINE	686+00.00		688+67.00	267.0	1.00	0.00	267.0	0.0	267.0
MAINLINE	RT	MEDIAN	686+00.00		688+78.00	278.0	0.00	2.00	0.0	556.0	556.0
MAINLINE	LT/RT	MEDIAN	688+78.00		694+41.00	563.0	0.00	4.00	0.0	2,252.0	2,252.0
MAINLINE	CTR	CL	694+41.00		697+63.00	322.0	0.00	2.00	0.0	644.0	644.0
MAINLINE	RT	MEDIAN	697+63.00		704+64.00	701.0	0.00	4.00	0.0	2,804.0	2,804.0
MAINLINE	CTR	MEDIAN	704+64.00		707+57.00	293.0	0.00	2.00	0.0	586.0	586.0
MAINLINE	RT	LANE LINE	704+85.00		707+57.00	272.0	1.00	0.00	272.0	0.0	272.0
MAINLINE	CTR	MEDIAN	708+48.00		713+65.00	517.0	0.00	2.00	0.0	1,034.0	1,034.0
MAINLINE	RT	MEDIAN	708+48.00		713+65.00	517.0	0.00	2.00	0.0	1,034.0	1,034.0
MAINLINE	LT	LANE LINE	708+94.00		711+40.00	246.0	1.00	0.00	246.0	0.0	246.0
MAINLINE	LT	EDGE LINE	708+94.00		713+65.00	471.0	1.00	0.00	471.0	0.0	471.0
									WHITE	YELLOW	
FAS 1518 URBAN:									17,534.0	22,662.2	
FAS 1518 URBAN TOTAL:									40,196.2		40,196.2
FAS 1518 URBAN ROUNDED:									40,200.0		40,200.0

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana_j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\dot\bergana_j\0254648\0570702-SHT-SCHEDULE.DGN		DRAWN -	REVISED -			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	32	
\$MODELNAME\$		CHECKED -	REVISED -			CONTRACT NO. 70702					
		DATE -	REVISED -			SCALE:	SHEET 9 OF 16 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



# SCHEDULE OF QUANTITIES

## PAVEMENT MARKING, LINE 4" FAP 719 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	TO	STATION	LENGTH (FOOT)	# OF WHITE STRIPES	# OF YELLOW STRIPES	MODIFIED URETHANE PAVEMENT MARKING, 4" 78009004 (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 5" X7830070 (FOOT)
									WHITE	YELLOW	
MAINLINE	RT	EDGE LINE	853+00.00		884+36.00	3,136.0	1.00	0.00	3,136.0	0.0	3,136.0
MAINLINE	LT	EDGE LINE	853+29.00		946+69.00	9,340.0	1.00	0.00	9,340.0	0.0	9,340.0
MAINLINE	CTR	CL	853+00.00		870+47.00	1,747.0	0.00	0.25	0.0	436.8	436.8
MAINLINE	RT	NO PASS	863+45.00		871+80.00	835.0	0.00	1.00	0.0	835.0	835.0
MAINLINE	LT	NO PASS	870+47.00		874+95.00	448.0	0.00	1.00	0.0	448.0	448.0
MAINLINE	CTR	CL	871+80.00		874+95.00	315.0	0.00	0.25	0.0	78.8	78.8
MAINLINE	CTR	NO PASS	874+95.00		880+01.00	506.0	0.00	2.00	0.0	1,012.0	1,012.0
MAINLINE	RT	MEDIAN	880+01.00		884+53.00	452.0	0.00	4.00	0.0	1,808.0	1,808.0
MAINLINE	RT	LANE LINE	881+83.00		884+53.00	270.0	1.00	0.00	270.0	0.0	270.0
STALEY RD	LT	MEDIAN	2+89.67		2+95.49	BK 5.8	0.00	2.00	0.0	11.6	11.6
STALEY RD	LT	MEDIAN	7+91.91	AH	8+05.00	13.1	0.00	2.00	0.0	26.2	26.2
STALEY RD	LT	MEDIAN	8+05.00		9+60.60	155.6	0.00	4.00	0.0	622.4	622.4
MAINLINE	LT	LANE LINE	885+43.00		888+15.00	272.0	1.00	0.00	272.0	0.0	272.0
MAINLINE	CTR	MEDIAN	885+43.00		888+78.00	335.0	0.00	2.00	0.0	670.0	670.0
MAINLINE	RT	EDGE LINE	886+38.00		947+43.00	6,105.0	1.00	0.00	6,105.0	0.0	6,105.0
MAINLINE	RT	MEDIAN	888+78.00		893+59.00	481.0	0.00	4.00	0.0	1,924.0	1,924.0
MAINLINE	CTR	DBL NO PASS	893+59.00		894+39.00	80.0	0.00	2.00	0.0	160.0	160.0
MAINLINE	LT	NO PASS	894+39.00		904+25.00	986.0	0.00	1.00	0.0	986.0	986.0
MAINLINE	CTR	CL	894+39.00		936+97.00	4,258.0	0.00	0.25	0.0	1,064.5	1,064.5
MAINLINE	RT	NO PASS	904+25.00		913+59.00	934.0	0.00	1.00	0.0	934.0	934.0
MAINLINE	LT	NO PASS	913+59.00		923+15.00	956.0	0.00	1.00	0.0	956.0	956.0
MAINLINE	RT	NO PASS	924+41.00		936+97.00	1,256.0	0.00	1.00	0.0	1,256.0	1,256.0
MAINLINE	CTR	DBL NO PASS	936+97.00		937+77.00	80.0	0.00	2.00	0.0	160.0	160.0
MAINLINE	LT	MEDIAN	937+77.00		944+39.00	662.0	0.00	4.00	0.0	2,648.0	2,648.0
MAINLINE	LT	MEDIAN	944+39.00		947+04.00	265.0	0.00	2.00	0.0	530.0	530.0
MAINLINE	CTR	LANE LINE	944+39.00		947+04.00	265.0	1.00	0.00	265.0	0.0	265.0
MAINLINE	RT	EDGE LINE	948+02.00		955+69.21	BK 767.2	1.00	0.00	767.2	0.0	767.2
MAINLINE	RT	EDGE LINE	126+00.00	AH	149+56.00	2,356.0	1.00	0.00	2,356.0	0.0	2,356.0
MAINLINE	LT	EDGE LINE	948+07.00		955+69.21	BK 762.2	1.00	0.00	762.2	0.0	762.2
MAINLINE	LT	EDGE LINE	126+00.00	AH	131+61.00	561.0	1.00	0.00	561.0	0.0	561.0
MAINLINE	LT	LANE LINE	948+07.00		950+61.00	254.0	1.00	0.00	254.0	0.0	254.0
MAINLINE	LT	LANE LINE	948+07.00		950+61.00	254.0	1.00	0.00	254.0	0.0	254.0
MAINLINE	CTR	MEDIAN	948+07.00		950+61.00	254.0	0.00	2.00	0.0	508.0	508.0
MAINLINE	LT	MEDIAN	950+61.00		955+06.00	445.0	0.00	2.00	0.0	890.0	890.0
MAINLINE	CTR	LANE LINE	952+37.00		955+06.00	269.0	1.00	0.00	269.0	0.0	269.0
MAINLINE	LT	MEDIAN	955+67.00		955+69.21	BK 2.2	0.00	4.00	0.0	8.8	8.8
MAINLINE	LT	MEDIAN	126+00.00	AH	129+68.00	368.0	0.00	4.00	0.0	1,472.0	1,472.0
MAINLINE	LT	MEDIAN	129+68.00		132+26.00	258.0	0.00	2.00	0.0	516.0	516.0
MAINLINE	CTR	LANE LINE	129+68.00		132+26.00	258.0	1.00	0.00	258.0	0.0	258.0
MAINLINE	LT	EDGE LINE	133+70.00		155+73.30	2,203.3	1.00	0.00	2,203.3	0.0	2,203.3
MAINLINE	LT	LANE LINE	133+41.00		136+06.00	265.0	1.00	0.00	265.0	0.0	265.0
MAINLINE	LT	MEDIAN	133+41.00		139+46.00	605.0	0.00	4.00	0.0	2,420.0	2,420.0
MAINLINE	CTR	CL	139+46.00		140+26.00	80.0	0.00	2.00	0.0	160.0	160.0
MAINLINE	CTR	CL	140+26.00		155+73.30	1,547.3	0.00	0.25	0.0	386.8	386.8
MAINLINE	RT	NO PASS	145+60.00		155+73.30	1,013.3	0.00	1.00	0.0	1,013.3	1,013.3
MAINLINE	RT	EDGE LINE	150+63.00		155+73.30	510.3	1.00	0.00	510.3	0.0	510.3
MAINLINE	RT	EDGE LINE	158+88.80		177+31.00	1,842.2	1.00	0.00	1,842.2	0.0	1,842.2
MAINLINE	LT	EDGE LINE	158+88.80		166+10.00	721.2	1.00	0.00	721.2	0.0	721.2
MAINLINE	LT	EDGE LINE	166+59.00		166+82.00	23.0	1.00	0.00	23.0	0.0	23.0
MAINLINE	LT	EDGE LINE	167+76.00		189+38.00	2,162.0	1.00	0.00	2,162.0	0.0	2,162.0
MAINLINE	CTR	CL	158+88.80		169+24.00	1,035.2	0.00	0.25	0.0	258.8	258.8
MAINLINE	LT	NO PASS	158+88.80		169+24.00	1,035.2	0.00	1.00	0.0	1,035.2	1,035.2
MAINLINE	CTR	MEDIAN	169+24.00		174+95.00	571.0	0.00	2.00	0.0	1,142.0	1,142.0
MAINLINE	LT	MEDIAN	174+95.00		177+91.00	296.0	0.00	4.00	0.0	1,184.0	1,184.0
MAINLINE	LT	LANE LINE	178+59.00		180+73.00	214.0	1.00	0.00	214.0	0.0	214.0
MAINLINE	CTR	MEDIAN	178+59.00		182+66.00	407.0	0.00	2.00	0.0	814.0	814.0
MAINLINE	LT	MEDIAN	180+73.00		182+66.00	193.0	0.00	2.00	0.0	386.0	386.0
MAINLINE	RT	EDGE LINE	178+90.00		182+10.00	320.0	1.00	0.00	320.0	0.0	320.0
MAINLINE	RT	EDGE LINE	183+18.00		183+44.00	26.0	1.00	0.00	26.0	0.0	26.0
MAINLINE	RT	EDGE LINE	184+00.00		189+35.40	535.4	1.00	0.00	535.4	0.0	535.4
MAINLINE	CTR	MEDIAN	183+28.00		187+05.00	377.0	0.00	2.00	0.0	754.0	754.0
MAINLINE	LT	LANE LINE	183+28.00		184+01.00	73.0	1.00	0.00	73.0	0.0	73.0
MAINLINE	LT	MEDIAN	184+01.00		187+05.00	304.0	0.00	2.00	0.0	608.0	608.0
MAINLINE	LT	MEDIAN	187+05.00		189+68.00	263.0	0.00	4.00	0.0	1,052.0	1,052.0
MAINLINE	RT	LANE LINE	188+51.00		189+68.00	117.0	2.00	0.00	234.0	0.0	234.0
									WHITE	YELLOW	
FAP 719 URBAN:									33,998.8	31,176.2	
FAP 719 URBAN TOTAL:									65,175.0		65,175.0
FAP 719 URBAN ROUNDED:									65,180.0		65,180.0

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 \* FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\d\dot\bergana\10254648\05702-SHT-SCHEDULE.DGN		DRAWN -	REVISED -			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	33	
\$MODELNAME\$		CHECKED -	REVISED -			SCALE: SHEET 10 OF 16 SHEETS STA. TO STA.		CONTRACT NO. 70702			
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

# SCHEDULE OF QUANTITIES

## PAVEMENT MARKING, LINE 4" FAP 719 RURAL

LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	TO	STATION	LENGTH (FOOT)	# OF WHITE STRIPES	# OF YELLOW STRIPES	MODIFIED URETHANE PAVEMENT MARKING, 4" 78009004 (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 5" X7830070 (FOOT)
									WHITE	YELLOW	
MAINLINE	LT	EDGE LINE	774+89.00		852+60.00	7,771.0	1.00	0.00	7,771.0	0.0	7,771.0
MAINLINE	CTR	CL	774+89.00		853+00.00	7,811.0	0.00	0.25	0.0	1,952.8	1,952.8
MAINLINE	RT	EDGE LINE	774+89.00		821+90.00	4,701.0	1.00	0.00	4,701.0	0.0	4,701.0
MAINLINE	RT	NO PASS	776+53.00		783+70.00	717.0	0.00	1.00	0.0	717.0	717.0
MAINLINE	LT	NO PASS	786+78.00		794+28.00	750.0	0.00	1.00	0.0	750.0	750.0
MAINLINE	RT	EDGE LINE	822+78.00		833+17.00	1,039.0	1.00	0.00	1,039.0	0.0	1,039.0
MAINLINE	RT	EDGE LINE	833+90.00		853+00.00	1,910.0	1.00	0.00	1,910.0	0.0	1,910.0
									WHITE	YELLOW	
FAP 719 RURAL:									15,421.0	3,419.8	
FAP 719 RURAL TOTAL:									18,840.8		18,840.8
FAP 719 RURAL ROUNDED:									18,850.0		18,850.0

## PAVEMENT MARKING, LINE 6" FAS 1518 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	APPROX. STATION	TO	APPROX. STATION	LENGTH (FOOT)	# OF WHITE STRIPES	# OF YELLOW STRIPES	MODIFIED URETHANE PAVEMENT MARKING, 6" 78009006 (FOOT)		GROOVING FOR RECESSED PAVEMENT X7830074 (FOOT)
									WHITE	YELLOW	
CHURCHILL RD		W CROSSWALK	684+91.00			126.7	1.00	0.00	126.7	0.0	126.7
CHURCHILL RD		E CROSSWALK	685+89.00			150.9	1.00	0.00	150.9	0.0	150.9
									WHITE	YELLOW	
FAS 1518 URBAN:									277.6	0.0	
FAS 1518 URBAN TOTAL:									277.6		277.6
ROUNDED:									280.0		280.0

## PAVEMENT MARKING, LINE 6" FAP 719 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	APPROX. STATION	TO	APPROX. STATION	LENGTH (FOOT)	# OF WHITE STRIPES	# OF YELLOW STRIPES	MODIFIED URETHANE PAVEMENT MARKING, 6" 78009006 (FOOT)		GROOVING FOR RECESSED PAVEMENT X7830074 (FOOT)
									WHITE	YELLOW	
STALEY RD ISLAND	RT	ISLAND	885+00.00			177.1	1.00	0.00	177.1	0.0	177.1
DUNCAN RD ISLAND	LT	ISLAND	947+00.00			150.8	1.00	0.00	150.8	0.0	150.8
MATTIS AVE		S CROSSWALK	189+78.00		190+86.00	208.8	1.00	0.00	208.8	0.0	208.8
US 150		E CROSSWALK	190+95.00			192.4	1.00	0.00	192.4	0.0	192.4
									WHITE	YELLOW	
FAP 719 URBAN:									729.1	0.0	
FAP 719 URBAN TOTAL:									729.1		729.1
ROUNDED:									730.0		730.0

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\dot\bergana.j\0254648\0570702-SHT-SCHEDULE.DGN		DRAWN -	REVISED -			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	34	
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			SCALE:		SHEET 11 OF 16 SHEETS		STA. TO STA.	
	PLOT DATE = 1/27/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
<b>CONTRACT NO. 70702</b>											

# SCHEDULE OF QUANTITIES

## PAVEMENT MARKING, LINE 12" FAS 1518 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	TO	STATION	LENGTH (FOOT)	MODIFIED URETHANE PAVEMENT MARKING, 12" 78009012 (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 13" X7830078 (FOOT)
							WHITE	YELLOW	
MAINLINE	CTR	MEDIAN	623+84.00		626+15.00	124.6	0.0	124.6	124.6
MAINLINE	CTR	MEDIAN	637+98.00		638+51.00	33.8	0.0	33.8	33.8
MAINLINE	CTR	MEDIAN	643+56.00		644+09.00	32.7	0.0	32.7	32.7
MAINLINE	CTR	MEDIAN	689+44.00		693+65.00	141.0	0.0	141.0	141.0
MAINLINE	RT	MEDIAN	698+83.00		704+08.00	254.2	0.0	254.2	254.2
MAINLINE	RT	MEDIAN	708+50.00		714+75.00	443.8	0.0	443.8	443.8
							WHITE	YELLOW	
FAS 1518 URBAN:							0.0	1,030.1	
FAS 1518 URBAN TOTAL:							1,030.1		1,030.1
ROUNDED:							1,040.0		1,040.0

## PAVEMENT MARKING, LINE 12" FAP 719 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	TO	STATION	LENGTH (FOOT)	MODIFIED URETHANE PAVEMENT MARKING, 12" 78009012 (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 13" X7830078 (FOOT)
							WHITE	YELLOW	
MAINLINE	RT	MEDIAN	880+89.00		884+53.00	113.5	0.0	113.5	113.5
STALEY RD	LT	MEDIAN	8+71.00		9+60.00	33.2	0.0	33.2	33.2
STALEY RD	RT	ISLAND	9+23.00		9+72.00	122.3	122.3	0.0	122.3
MAINLINE	RT	MEDIAN	889+56.00		891+85.00	62.5	0.0	62.5	62.5
MAINLINE	LT	MEDIAN	939+65.00		942+92.00	79.5	0.0	79.5	79.5
DUNCAN RD	LT	ISLAND	946+88.00		947+31.00	112.8	112.8	0.0	112.8
MAINLINE	LT	MEDIAN	126+00.00		129+38.00	124.2	0.0	124.2	124.2
MAINLINE	LT	MEDIAN	133+53.00		138+44.00	204.1	0.0	204.1	204.1
MAINLINE	LT	MEDIAN	175+60.00		177+91.00	111.4	0.0	111.4	111.4
MAINLINE	LT	MEDIAN	181+19.00		182+66.00	73.5	0.0	73.5	73.5
MAINLINE	LT	MEDIAN	184+54.00		189+28.00	343.6	0.0	343.6	343.6
							WHITE	YELLOW	
FAP 719 URBAN:							235.1	1,145.5	
FAP 719 URBAN TOTAL:							1,380.6		1,380.6
ROUNDED:							1,390.0		1,390.0

## PAVEMENT MARKING, LINE 24" FAS 1518 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	LENGTH (FOOT)	MODIFIED URETHANE PAVEMENT MARKING, 24" 78009024 (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 25" X7830090 (FOOT)
					WHITE	YELLOW	
CHURCHILL RD		EB STOP BAR	684+81.00	24.9	24.9	0.0	24.9
CHURCHILL RD		WB STOP BAR	685+99.00	24.8	24.8	0.0	24.8
					WHITE	YELLOW	
FAS 1518 URBAN:					49.7	0.0	
FAS 1518 URBAN TOTAL:					49.7		49.7
ROUNDED:					50.0		50.0

## PAVEMENT MARKING, LINE 24" FAP 719 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	LENGTH (FOOT)	MODIFIED URETHANE PAVEMENT MARKING, 24" 78009024 (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 25" X7830090 (FOOT)
					WHITE	YELLOW	
STALEY RD	RT	STOP BAR	9+30.00	12.0	12.0	0.0	12.0
STALEY RD	RT	STOP BAR	9+57.00	15.0	15.0	0.0	15.0
DUNCAN RD	LT	STOP BAR	946+90.00	13.5	13.5	0.0	13.5
DUNCAN RD	LT	STOP BAR	947+27.00	10.0	10.0	0.0	10.0
MAINLINE	RT	STOP BAR	189+68.00	46.0	46.0	0.0	46.0
					WHITE	YELLOW	
FAP 719 URBAN:					96.5	0.0	
FAP 719 URBAN TOTAL:					96.5		96.5
ROUNDED:					100.0		100.0

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

# SCHEDULE OF QUANTITIES

## PAVEMENT MARKING, SYMBOLS FAS 1518 URBAN

EB/WB	SYMBOL	OFFSET	STATION	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS 78003100 AREA (SQ FT)
CTR	TWLT	CTR	626+45.00	31.2
CTR	TWLT	CTR	628+20.00	31.2
WB	LT TURN	CTR	630+19.00	15.6
WB	LT TURN	CTR	630+68.00	15.6
WB	LT TURN	CTR	631+17.00	15.6
CTR	TWLT	CTR	632+31.00	31.2
CTR	TWLT	CTR	634+49.00	31.2
EB	LT TURN	CTR	635+86.00	15.6
EB	LT TURN	CTR	636+34.00	15.6
EB	LT TURN	CTR	636+83.00	15.6
CTR	TWLT	CTR	638+82.00	31.2
CTR	TWLT	CTR	640+92.00	31.2
CTR	TWLT	CTR	643+02.00	31.2
WB	LT TURN	CTR	645+33.00	15.6
WB	LT TURN	CTR	645+81.00	15.6
WB	LT TURN	CTR	646+29.00	15.6
CTR	TWLT	CTR	647+40.00	31.2
CTR	TWLT	CTR	649+15.00	31.2
CTR	TWLT	CTR	650+89.00	31.2
CTR	TWLT	CTR	652+45.00	31.2
CTR	TWLT	CTR	654+93.00	31.2
CTR	TWLT	CTR	657+41.00	31.2
CTR	TWLT	CTR	659+63.00	31.2
CTR	TWLT	CTR	661+87.00	31.2
CTR	TWLT	CTR	664+11.00	31.2
CTR	TWLT	CTR	666+35.00	31.2
CTR	TWLT	CTR	668+58.00	31.2
WB	LT TURN	CTR	670+74.00	15.6
WB	LT TURN	CTR	671+35.00	15.6
WB	LT TURN	CTR	671+97.00	15.6
WB	LT TURN	CTR	672+59.00	15.6
WB	LT TURN	CTR	673+21.00	15.6
EB	LT TURN	CTR	673+81.00	15.6
EB	LT TURN	CTR	674+45.00	15.6
EB	LT TURN	CTR	675+08.00	15.6
EB	LT TURN	CTR	675+71.00	15.6
EB	LT TURN	CTR	676+34.00	15.6
WB	LT TURN	CTR	677+79.00	15.6
WB	LT TURN	CTR	678+41.00	15.6
WB	LT TURN	CTR	679+03.00	15.6
WB	LT TURN	CTR	679+65.00	15.6
WB	LT TURN	CTR	680+27.00	15.6
EB	LT TURN	CTR	682+16.00	15.6
EB	LT TURN	CTR	682+78.00	15.6
EB	LT TURN	CTR	683+40.00	15.6
EB	LT TURN	CTR	684+01.00	15.6
EB	LT TURN	CTR	684+62.00	15.6
WB	LT TURN	CTR	686+18.00	15.6
WB	LT TURN	CTR	686+80.00	15.6
WB	LT TURN	CTR	687+42.00	15.6
WB	LT TURN	CTR	688+04.00	15.6
WB	LT TURN	CTR	688+67.00	15.6
EB	LT TURN	RT	704+85.00	15.6
EB	LT TURN	RT	705+49.00	15.6
EB	LT TURN	RT	706+13.00	15.6
EB	LT TURN	RT	706+76.00	15.6
EB	LT TURN	RT	707+39.00	15.6
WB	RT TURN	LT	709+12.00	15.6
WB	RT TURN	LT	709+88.00	15.6
WB	RT TURN	LT	710+64.00	15.6
WB	RT TURN	LT	711+40.00	15.6
TOTAL FAS 1518 URBAN:				1,232.4

## PAVEMENT MARKING, SYMBOLS FAP 719 URBAN

EB/WB	SYMBOL	OFFSET	STATION	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS 78003100 AREA (SQ FT)
EB	RT TURN	RT	881+83.00	15.6
EB	RT TURN	RT	882+46.00	15.6
EB	RT TURN	RT	883+09.00	15.6
EB	RT TURN	RT	883+72.00	15.6
EB	RT TURN	RT	884+35.00	15.6
WB	LT TURN	RT	885+61.00	15.6
WB	LT TURN	RT	886+24.00	15.6
WB	LT TURN	RT	886+87.00	15.6
WB	LT TURN	RT	887+51.00	15.6
WB	LT TURN	RT	888+15.00	15.6
EB	LT TURN	LT	944+39.00	15.6
EB	LT TURN	LT	945+01.00	15.6
EB	LT TURN	LT	945+63.00	15.6
EB	LT TURN	LT	946+25.00	15.6
EB	LT TURN	LT	946+86.00	15.6
WB	LT & RT	LT	948+25.00	31.2
WB	LT & RT	LT	949+03.00	31.2
WB	LT & RT	LT	949+82.00	31.2
WB	LT & RT	LT	950+61.00	31.2
EB	LT TURN	LT	952+37.00	15.6
EB	LT TURN	LT	953+00.00	15.6
EB	LT TURN	LT	953+63.00	15.6
EB	LT TURN	LT	954+26.00	15.6
EB	LT TURN	LT	954+88.00	15.6
EB	LT TURN	LT	129+68.00	15.6
EB	LT TURN	LT	130+48.00	15.6
EB	LT TURN	LT	131+28.00	15.6
EB	LT TURN	LT	132+08.00	15.6
WB	RT TURN	LT	133+61.00	15.6
WB	RT TURN	LT	134+22.00	15.6
WB	RT TURN	LT	134+83.00	15.6
WB	RT TURN	LT	135+44.00	15.6
WB	RT TURN	LT	136+06.00	15.6
WB	LT TURN	LT	178+77.00	15.6
WB	LT TURN	LT	179+42.00	15.6
WB	LT TURN	LT	180+07.00	15.6
WB	LT TURN	LT	180+73.00	15.6
WB	LT TURN	LT	183+36.00	15.6
WB	LT TURN	LT	184+01.00	15.6
EB	LT TURN	LT	188+51.00	15.6
EB	LT TURN	LT	189+01.00	15.6
EB	LT TURN	LT	189+50.00	15.6
EB	THRU	RT	188+51.00	11.5
EB	THRU	RT	189+01.00	11.5
EB	THRU	RT	189+50.00	11.5
EB	RT TURN	RT	188+51.00	15.6
EB	RT TURN	RT	189+01.00	15.6
EB	RT TURN	RT	189+50.00	15.6
TOTAL FAP 719 URBAN:				798.9

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

# SCHEDULE OF QUANTITIES

## RAISED REFLECTIVE PAVEMENT MARKERS FAS 1518 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	TO	STATION	LENGTH (FOOT)	# OF WHITE STRIPES	# OF YELLOW STRIPES	RAISED REFLECTIVE PAVEMENT MARKER 78100100 (EACH)	
									AMBER	CRYSTAL
MAINLINE	CTR	DBL NO PASS	620+12.78		623+09.00	296.2	0.00	2.00	16.0	0.0
MAINLINE	LT	DBL Y-LINE	623+09.00		626+21.00	312.0	0.00	2.00	8.0	0.0
MAINLINE	RT	DBL Y-LINE	623+09.00		626+21.00	312.0	0.00	2.00	8.0	0.0
MAINLINE	LT	TWLT	626+21.00		628+74.00	253.0	0.00	1.00	8.0	0.0
MAINLINE	RT	TWLT	626+21.00		628+74.00	253.0	0.00	1.00	8.0	0.0
MAINLINE	LT	SD Y-LINE	626+21.00		628+74.00	253.0	0.00	0.25	0.0	0.0
MAINLINE	RT	SD Y-LINE	626+21.00		628+74.00	253.0	0.00	0.25	0.0	0.0
MAINLINE	LT	LANE LN WHT	630+01.00		631+17.00	116.0	1.00	0.00	0.0	4.0
MAINLINE	RT	DBL Y-LINE	630+01.00		632+01.00	200.0	0.00	2.00	12.0	0.0
MAINLINE	LT	TWLT	632+01.00		635+03.00	302.0	0.00	1.25	8.0	0.0
MAINLINE	RT	TWLT	632+01.00		635+03.00	302.0	0.00	1.25	8.0	0.0
MAINLINE	LT	DBL Y-LINE	635+03.00		637+01.00	198.0	0.00	2.00	12.0	0.0
MAINLINE	RT	LANE LN WHT	635+86.00		637+01.00	115.0	1.00	0.00	0.0	4.0
MAINLINE	LT	MED/TWLT	637+92.00		643+56.00	564.0	0.00	2.00	15.0	0.0
MAINLINE	LT/RT	MED	637+92.00		638+52.00	60.0	0.00	2.00	4.0	0.0
MAINLINE	RT	MED/TWLT	638+52.00		644+13.00	561.0	0.00	2.00	15.0	0.0
MAINLINE	LT/RT	DBL Y-LINE	643+56.00		644+13.00	57.0	0.00	2.00	4.0	0.0
MAINLINE	LT	LANE LN WHT	645+15.00		646+29.00	114.0	1.00	0.00	0.0	4.0
MAINLINE	RT	DBL Y-LINE	645+15.00		647+10.00	195.0	0.00	2.00	12.0	0.0
MAINLINE	LT	TWLT	647+10.00		651+43.00	433.0	0.00	1.25	11.0	0.0
MAINLINE	RT	TWLT	647+10.00		651+43.00	433.0	0.00	1.25	11.0	0.0
MAINLINE	LT	TWLT	652+15.00		657+95.00	580.0	0.00	1.25	15.0	0.0
MAINLINE	RT	TWLT	652+15.00		657+95.00	580.0	0.00	1.25	15.0	0.0
MAINLINE	LT	TWLT	659+33.00		669+12.00	979.0	0.00	1.25	25.0	0.0
MAINLINE	RT	TWLT	659+33.00		669+12.00	979.0	0.00	1.25	25.0	0.0
MAINLINE	LT	LANE LN WHT	670+56.00		673+21.00	265.0	1.00	0.00	0.0	8.0
MAINLINE	RT	MEDIAN	670+56.00		673+50.00	294.0	0.00	2.00	18.0	0.0
MAINLINE	LT	MEDIAN	673+50.00		676+52.00	302.0	0.00	2.00	18.0	0.0
MAINLINE	RT	LANE LN WHT	673+81.00		676+52.00	271.0	1.00	0.00	0.0	8.0
MAINLINE	LT	LANE LN WHT	677+61.00		680+27.00	266.0	1.00	0.00	0.0	8.0
MAINLINE	RT	MEDIAN	677+61.00		681+22.00	361.0	0.00	2.00	22.0	0.0
MAINLINE	LT	MEDIAN	681+22.00		684+80.00	358.0	0.00	2.00	20.0	0.0
MAINLINE	RT	LANE LN WHT	682+16.00		684+80.00	264.0	1.00	0.00	0.0	8.0
MAINLINE	LT	LANE LN WHT	686+00.00		688+67.00	267.0	1.00	0.00	0.0	8.0
MAINLINE	RT	MEDIAN	686+00.00		688+78.00	278.0	0.00	2.00	16.0	0.0
MAINLINE	LT/RT	MEDIAN	688+78.00		694+41.00	563.0	0.00	4.00	32.0	0.0
MAINLINE	CTR	MEDIAN	694+41.00		695+21.00	80.0	0.00	2.00	6.0	0.0
MAINLINE	CTR	MEDIAN	695+21.00		697+63.00	242.0	0.00	2.00	15.0	0.0
MAINLINE	RT	(2)DBL Y-LINE	697+63.00		704+64.00	701.0	0.00	4.00	38.0	0.0
MAINLINE	CTR	DBL Y-LINE	704+64.00		707+57.00	293.0	0.00	2.00	18.0	0.0
MAINLINE	RT	LT TURN LANE	704+85.00		707+57.00	272.0	1.00	0.00	0.0	8.0
MAINLINE	RT	MEDIAN	708+48.00		709+03.00	55.0	0.00	2.00	4.0	0.0
MAINLINE	CTR	DBL Y-LINE	708+48.00		713+65.00	517.0	0.00	2.00	13.0	0.0
MAINLINE	RT	DBL Y-LINE	709+03.00		713+65.00	462.0	0.00	2.00	12.0	0.0
MAINLINE	LT	RT TURN LANE	708+94.00		711+40.00	246.0	1.00	0.00	0.0	7.0
									AMBER	CRYSTAL
FAS 1518 URBAN:									472.0	67.0
FAS 1518 URBAN TOTAL:									539.0	
FAS 1518 URBAN ROUNDED:									540.0	

## RAISED REFLECTIVE PAVEMENT MARKERS FAP 719 RURAL

LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	TO	STATION	LENGTH (FOOT)	# OF WHITE STRIPES	# OF YELLOW STRIPES	RAISED REFLECTIVE PAVEMENT MARKER 78100100 (EACH)	
									AMBER	CRYSTAL
MAINLINE	CTR	SD/ NO PASS	774+89.00		853+00.00	7,811.0	0.00	0.25	98.0	0.0
									AMBER	CRYSTAL
FAP 719 RURAL:									98.0	0.0
FAP 719 RURAL TOTAL:									98.0	
FAP 719 RURAL ROUNDED:									100.0	

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

# SCHEDULE OF QUANTITIES

## RAISED REFLECTIVE PAVEMENT MARKERS FAP 719 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	TO	STATION	LENGTH (FOOT)	# OF WHITE STRIPES	# OF YELLOW STRIPES	RAISED REFLECTIVE PAVEMENT MARKER 78100100 (EACH)	
									AMBER	CRYSTAL
MAINLINE	CTR	SD/ NO PASS	853+00.00		870+47.00		0.00	0.25	22.0	0.0
MAINLINE	CTR	DBL NO PASS	870+47.00		871+80.00		0.00	2.00	4.0	0.0
MAINLINE	CTR	SD/ NO PASS	871+80.00		874+95.00		0.00	0.25	4.0	0.0
MAINLINE	CTR	DBL NO PASS	874+95.00		879+21.00		0.00	2.00	12.0	0.0
MAINLINE	CTR	DBL NO PASS	879+21.00		880+01.00		0.00	2.00	6.0	0.0
MAINLINE	CTR	MEDIAN	880+01.00		884+00.00		0.00	2.00	10.0	0.0
MAINLINE	RT	MEDIAN	880+01.00		884+53.00		0.00	2.00	12.0	0.0
MAINLINE	RT	MEDIAN	884+00.00		884+53.00		0.00	2.00	4.0	0.0
MAINLINE	RT	RT TURN	881+83.00		884+53.00		1.00	0.00	0.0	8.0
STALEY RD	CTR	MEDIAN	2+89.67		2+95.49	BK	0.00	2.00		
STALEY RD	CTR	MEDIAN	7+91.91	AH	9+60.60		0.00	4.00	10.0	0.0
MAINLINE	CTR	LT TURN	885+43.00		888+15.00		1.00	0.00	0.0	7.0
MAINLINE	RT	MEDIAN	885+43.00		888+78.00		0.00	2.00	18.0	0.0
MAINLINE	RT	MEDIAN	888+78.00		893+59.00		0.00	4.00	26.0	0.0
MAINLINE	CTR	CL	893+59.00		894+39.00		0.00	2.00	6.0	0.0
MAINLINE	CTR	CL/ NO PASS	894+39.00		936+97.00		0.00	0.25	54.0	0.0
MAINLINE	CTR	DBL NO PASS	936+97.00		937+77.00		0.00	2.00	6.0	0.0
MAINLINE	LT	MEDIAN	937+77.00		944+39.00		0.00	4.00	34.0	0.0
MAINLINE	LT	MEDIAN	944+39.00		947+04.00		0.00	2.00	14.0	0.0
MAINLINE	CTR	LT TURN	944+39.00		947+04.00		1.00	0.00	0.0	8.0
MAINLINE	LT	RT TURN	948+07.00		950+61.00		1.00	0.00	0.0	8.0
MAINLINE	LT	LT TURN	948+07.00		950+61.00		1.00	0.00	0.0	8.0
MAINLINE	CTR	MEDIAN	948+07.00		950+61.00		0.00	2.00	14.0	0.0
MAINLINE	LT	MEDIAN	950+61.00		955+06.00		0.00	2.00	24.0	0.0
MAINLINE	CTR	LT TURN	952+37.00		955+06.00		1.00	0.00	0.0	8.0
MAINLINE	LT	MEDIAN	955+67.00		955+69.21	BK	0.00	2.00		
MAINLINE	LT	MEDIAN	126+00.00	AH	129+68.00		0.00	2.00	10.0	0.0
MAINLINE	LT	MEDIAN	129+68.00		132+26.00		0.00	2.00	14.0	0.0
MAINLINE	LT	MEDIAN	955+67.00		955+69.21	BK	0.00	2.00		
MAINLINE	LT	MEDIAN	126+00.00	AH	126+55.00		0.00	2.00	4.0	0.0
MAINLINE	LT	MEDIAN	126+55.00		129+68.00		0.00	2.00	8.0	0.0
MAINLINE	CTR	LT TURN	129+68.00		132+26.00		1.00	0.00	0.0	8.0
MAINLINE	LT	RT TURN	133+41.00		136+06.00		1.00	0.00	0.0	8.0
MAINLINE	LT	MEDIAN	133+41.00		139+46.00		0.00	2.00	16.0	0.0
MAINLINE	LT	MEDIAN	133+41.00		133+75.00		0.00	2.00	4.0	0.0
MAINLINE	CTR	MEDIAN	133+75.00		139+46.00		0.00	2.00	15.0	0.0
MAINLINE	CTR	CL	139+46.00		140+26.00		0.00	2.00	6.0	0.0
MAINLINE	CTR	CL	140+26.00		155+73.30		0.00	0.25	20.0	0.0
MAINLINE	CTR	CL	158+88.80		169+24.00		0.00	0.25	13.0	0.0
MAINLINE	CTR	DBL NO PASS	169+24.00		174+15.00		0.00	2.00	14.0	0.0
MAINLINE	CTR	DBL NO PASS	174+15.00		174+95.00		0.00	2.00	6.0	0.0
MAINLINE	LT	MEDIAN	174+95.00		177+44.00		0.00	2.00	7.0	0.0
MAINLINE	LT	MEDIAN	174+95.00		177+91.00		0.00	2.00	8.0	0.0
MAINLINE	LT	MEDIAN	177+44.00		177+91.00		0.00	2.00	4.0	0.0
MAINLINE	LT	LT TURN	178+59.00		180+73.00		1.00	0.00	0.0	7.0
MAINLINE	CTR	MEDIAN	178+59.00		180+73.00		0.00	2.00	14.0	0.0
MAINLINE	CTR	MEDIAN	180+73.00		182+66.00		0.00	2.00	5.0	0.0
MAINLINE	LT	MEDIAN	180+73.00		182+27.00		0.00	2.00	4.0	0.0
MAINLINE	LT	MEDIAN	182+27.00		182+66.00		0.00	2.00	4.0	0.0
MAINLINE	LT	LT TURN	183+28.00		184+01.00		1.00	0.00	0.0	3.0
MAINLINE	CTR	MEDIAN	183+28.00		184+01.00		0.00	2.00	4.0	0.0
MAINLINE	LT	MEDIAN	184+01.00		189+67.00		0.00	4.00	29.0	0.0
MAINLINE	CTR	LT TURN	188+51.00		189+67.00		1.00	0.00	0.0	4.0
MAINLINE	RT	RT TURN	188+51.00		189+67.00		1.00	0.00	0.0	4.0
									AMBER	CRYSTAL
FAP 719 URBAN:									489.0	81.0
FAP 719 URBAN TOTAL:									570.0	
FAP 719 URBAN ROUNDED:									570.0	

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\bergena\0254648\0570702-SHT-SCHEDULE.DGN		DRAWN -	REVISED -			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	38	
\$MODELNAME\$		CHECKED -	REVISED -			CONTRACT NO. 70702					
		DATE -	REVISED -			SCALE:	SHEET 15 OF 16 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

# SCHEDULE OF QUANTITIES

## PAVEMENT MARKING REMOVAL FAS 1518 URBAN

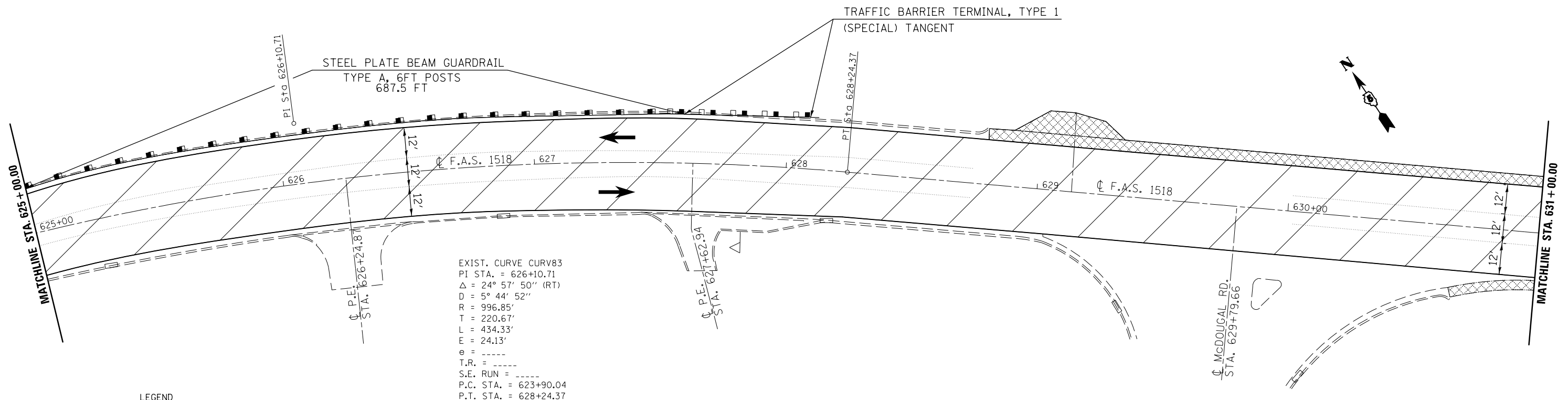
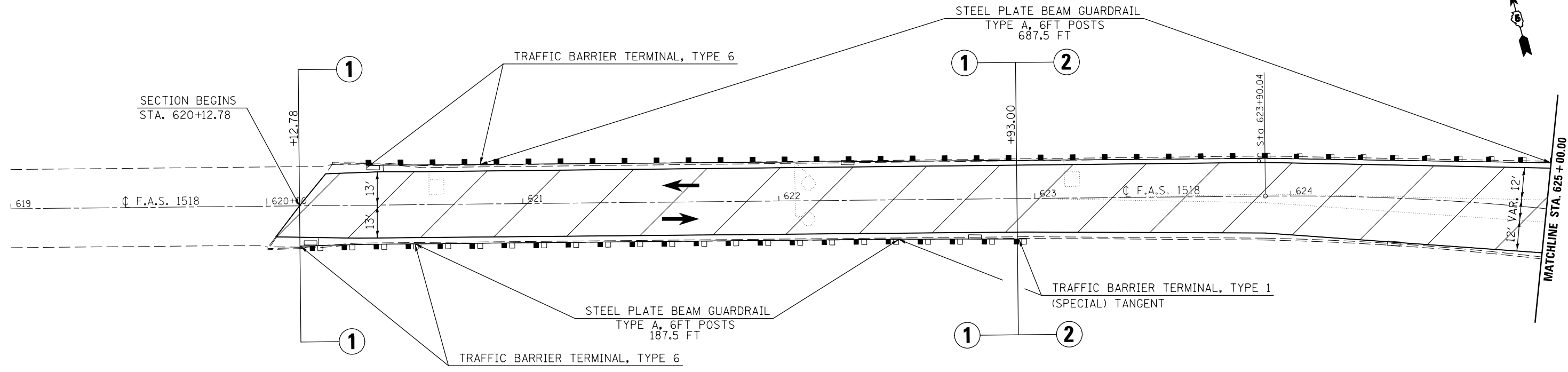
LOCATION	LT / RT / CTR OFFSET	NOTE	STATION	TO	STATION	LENGTH (FOOT)	# OF WHITE STRIPES	# OF YELLOW STRIPES	EXISTING PAVEMENT MARKING (FOOT)		EXISTING STRIPE WIDTH (INCHES)	PAVEMENT MARKING REMOVAL 78300100 (SQ FT)
									WHITE	YELLOW		
MAINLINE	LT	EDGE LINE	670+56.00		684+58.00	1,402.0	1.00	0.00	1,402.0	0.0	4.0"	467.3
MAINLINE	RT	EDGE LINE	670+56.00		676+52.00	596.0	1.00	0.00	596.0	0.0	4.0"	198.7
MAINLINE	LT	LANE LINE	670+56.00		673+21.00	265.0	1.00	0.00	265.0	0.0	4.0"	88.3
MAINLINE	RT	MEDIAN	670+56.00		673+50.00	294.0	0.00	2.00	0.0	588.0	4.0"	196.0
MAINLINE	LT	MEDIAN	673+50.00		676+52.00	302.0	0.00	2.00	0.0	604.0	4.0"	201.3
MAINLINE	RT	LANE LINE	673+81.00		676+52.00	271.0	1.00	0.00	271.0	0.0	4.0"	90.3
MAINLINE	LT	LANE LINE	677+61.00		680+27.00	266.0	1.00	0.00	266.0	0.0	4.0"	88.7
MAINLINE	RT	MEDIAN	677+61.00		681+22.00	361.0	0.00	2.00	0.0	722.0	4.0"	240.7
MAINLINE	LT	MEDIAN	681+22.00		684+80.00	358.0	0.00	2.00	0.0	716.0	4.0"	238.7
MAINLINE	RT	EDGE LINE	677+61.00		684+80.00	719.0	1.00	0.00	719.0	0.0	4.0"	239.7
MAINLINE	RT	LANE LINE	682+16.00		684+80.00	264.0	1.00	0.00	264.0	0.0	4.0"	88.0
CHURCHILL RD		W CROSSWALK	684+91.00			126.7	1.00	0.00	126.7	0.0	6.0"	63.4
CHURCHILL RD		E CROSSWALK	685+89.00			150.9	1.00	0.00	150.9	0.0	6.0"	75.5
MAINLINE	LT	EDGE LINE	686+00.00		706+55.00	2,055.0	1.00	0.00	2,055.0	0.0	4.0"	685.0
MAINLINE	RT	EDGE LINE	686+33.00		713+65.00	2,732.0	1.00	0.00	2,732.0	0.0	4.0"	910.7
MAINLINE	LT	LANE LINE	686+00.00		688+67.00	267.0	1.00	0.00	267.0	0.0	4.0"	89.0
MAINLINE	RT	MEDIAN	686+00.00		688+78.00	278.0	0.00	2.00	0.0	556.0	4.0"	185.3
MAINLINE	LT/RT	MEDIAN	688+78.00		694+41.00	563.0	0.00	4.00	0.0	2,252.0	4.0"	750.7
MAINLINE	LT/RT	MEDIAN	688+78.00		694+41.00		0.00	15.00	0.0	141.0	12.0"	141.0
MAINLINE	CTR	CL	694+41.00		695+26.00	85.0	0.00	2.00	0.0	170.0	4.0"	56.7
FAS 1518 URBAN TOTAL:											5,094.8	
FAS 1518 URBAN ROUNDED:											5,100.0	

## PAVEMENT MARKING REMOVAL FAP 719 URBAN

LOCATION	LT / RT / CTR OFFSET	NOTE	APPROX. STATION	TO	APPROX. STATION	LENGTH (FOOT)	# OF WHITE STRIPES	# OF YELLOW STRIPES	EXISTING PAVEMENT MARKING (FOOT)		EXISTING STRIPE WIDTH (INCHES)	PAVEMENT MARKING REMOVAL 78300100 (SQ FT)
									WHITE	YELLOW		
MATTIS AVE		S CROSSWALK	189+78.00		190+86.00	208.8	1.00	0.00	208.8	0.0	6.0"	104.4
US 150		E CROSSWALK	190+95.00			192.4	1.00	0.00	192.4	0.0	6.0"	96.2
FAP 719 URBAN TOTAL:											200.6	
FAP 719 URBAN ROUNDED:											210.0	

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\bergana.j\0254648\05702-SHT-SCHEDULE.DGN		DRAWN -	REVISED -			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	39	
*MODELNAME*	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70702					
	PLOT DATE = 1/27/2015	DATE -	REVISED -			SCALE:	SHEET 16 OF 16 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



EXIST. CURVE CURV83  
 PI STA. = 626+10.71  
 Δ = 24° 57' 50'' (RT)  
 D = 5° 44' 52''  
 R = 996.85'  
 T = 220.67'  
 L = 434.33'  
 E = 24.13'  
 e = ----  
 T.R. = ----  
 S.E. RUN = ----  
 P.C. STA. = 623+90.04  
 P.T. STA. = 628+24.37

**LEGEND**

HMA SURFACE REMOVAL, 1/2"

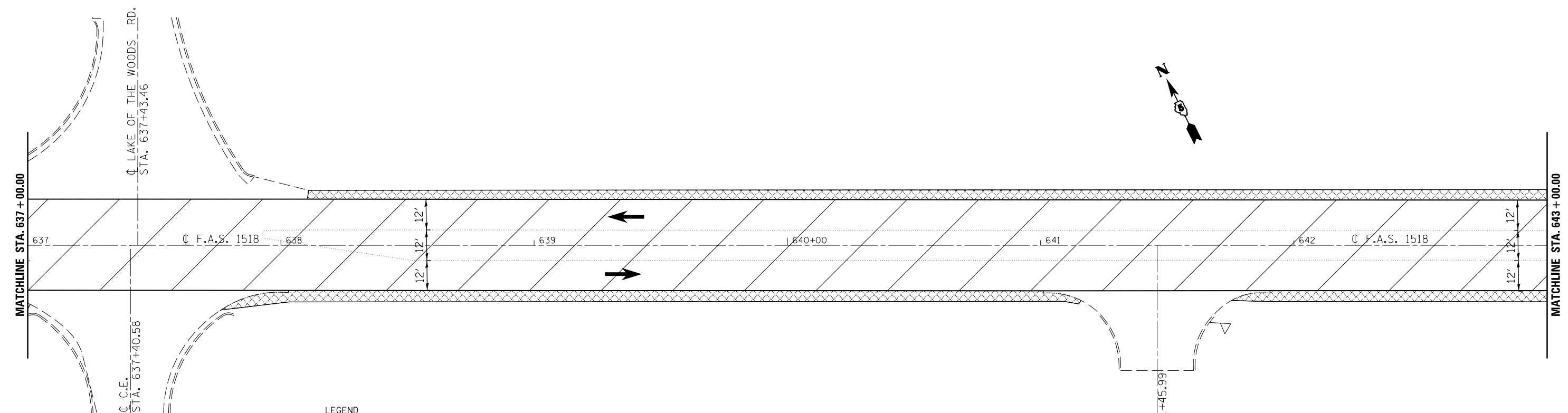
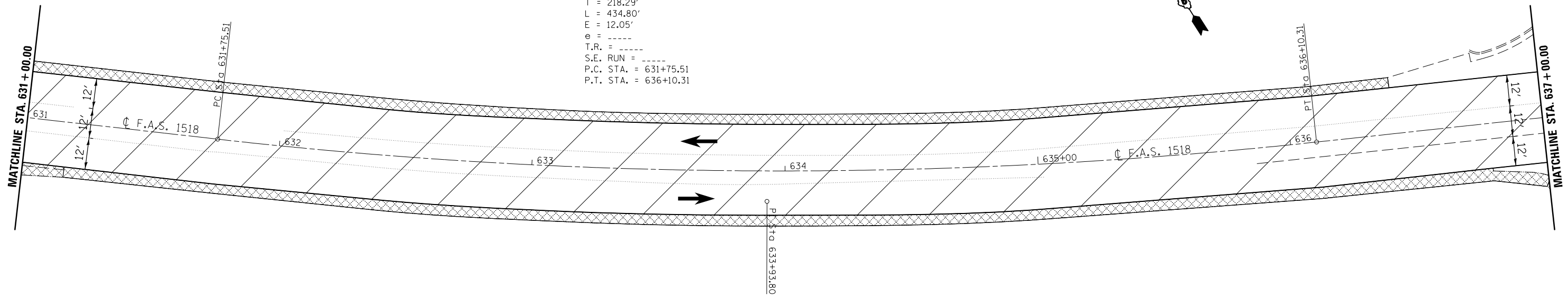
BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =		USER NAME = bergenej		DESIGNED -		REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>US 150 PLAN SHEET</b>		F.A.P. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
e:\pwork\pwork\bergenej\0254648\05702-sht-dblp1n_20.dgn		DRAWN -		REVISED -		•						12(RS-4,RS-5)&RS-3		CHAMPAIGN		103		40			
PLOT SCALE = 40.0000' / in.		CHECKED -		REVISED -																	
PLOT DATE = 1/27/2015		DATE -		REVISED -																	
SCALE: 1:20										SHEET 1 OF 26 SHEETS		STA. 619+00.00 TO STA. 631+00.00									
ILLINOIS FED. AID PROJECT																					



EXIST. CURVE CURV85  
 PI STA. = 633+93.80  
 $\Delta = 12^\circ 38' 32''$  (LT)  
 $D = 2^\circ 54' 27''$   
 $R = 1,970.54'$   
 $T = 218.29'$   
 $L = 434.80'$   
 $E = 12.05'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 631+75.51  
 P.T. STA. = 636+10.31



**LEGEND**

 HMA SURFACE REMOVAL, 1/2"

 BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

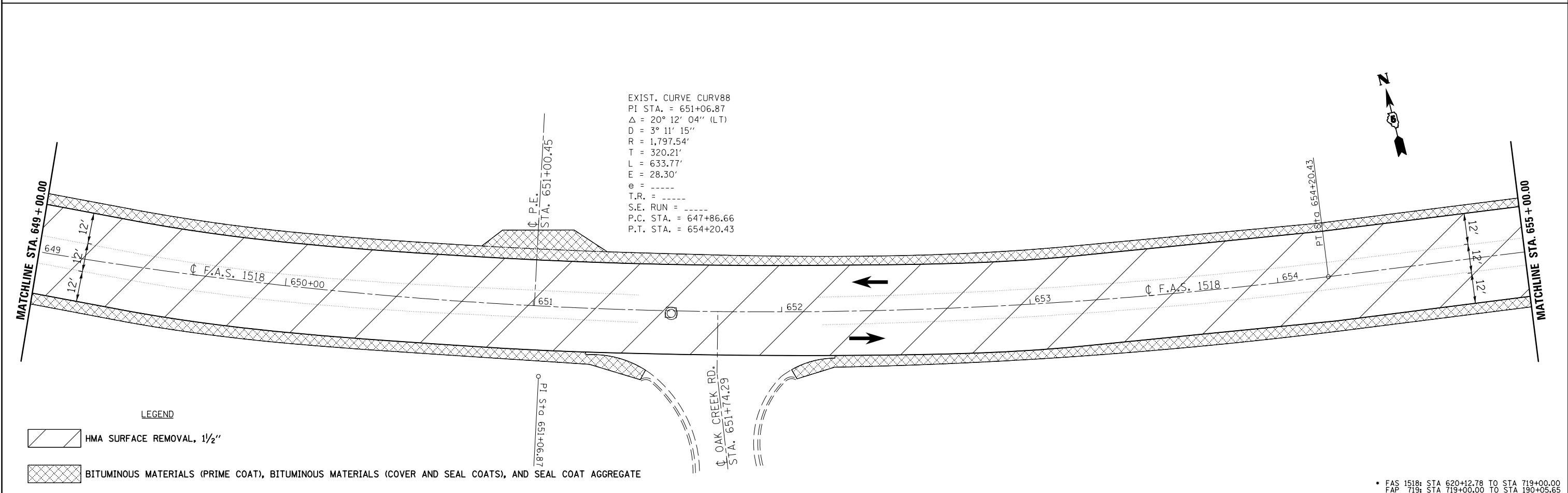
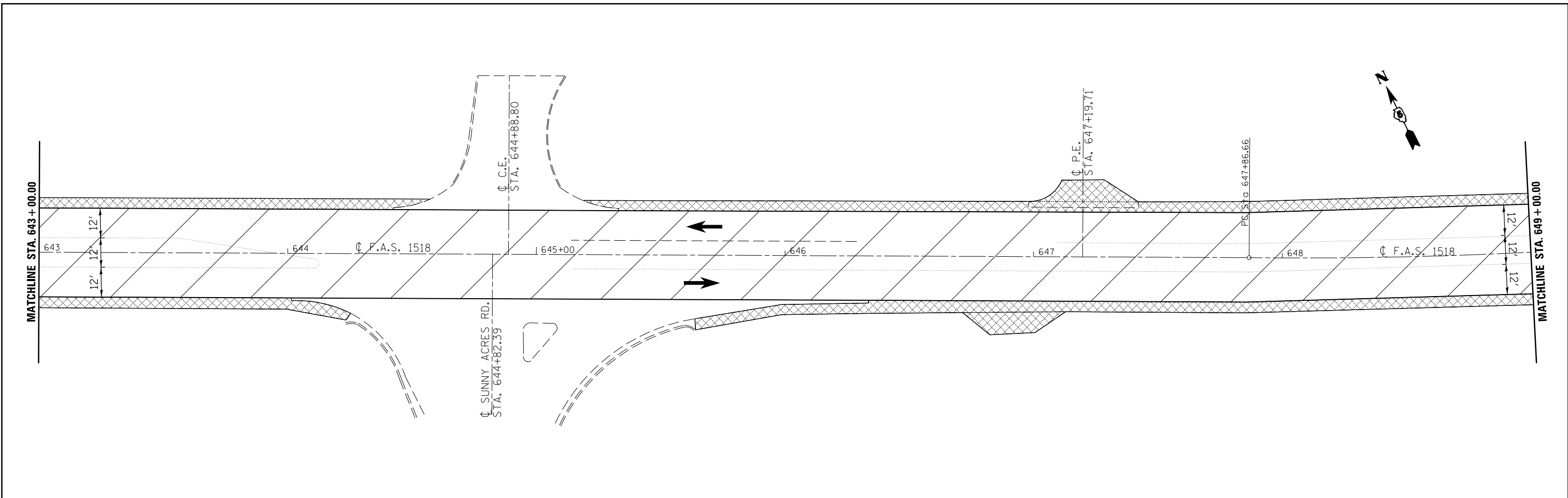
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150 PLAN SHEET**

SCALE: 1:20 SHEET 2 OF 26 SHEETS STA. 631+00.00 TO STA. 643+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	41
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CURV88  
 PI STA. = 651+06.87  
 $\Delta = 20^\circ 12' 04''$  (LT)  
 D = 3° 11' 15''  
 R = 1,797.54'  
 T = 320.21'  
 L = 633.77'  
 E = 28.30'  
 e = ----  
 T.R. = ----  
 S.E. RUN = ----  
 P.C. STA. = 647+86.66  
 P.T. STA. = 654+20.43

- LEGEND**
- HMA SURFACE REMOVAL, 1/2"
  - BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

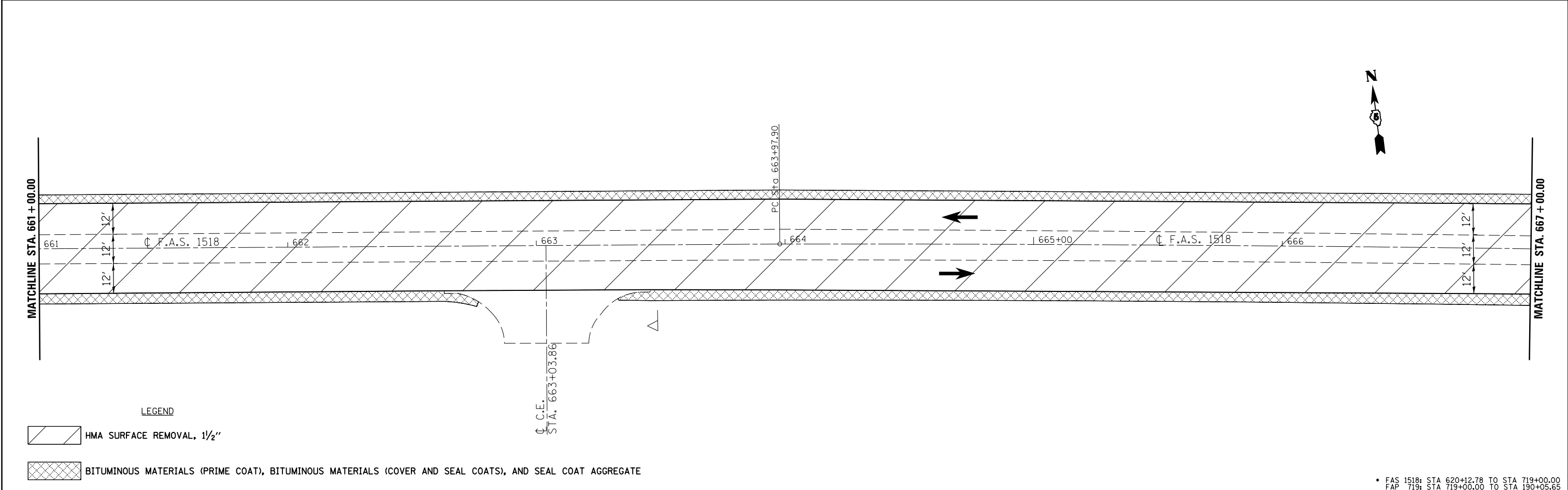
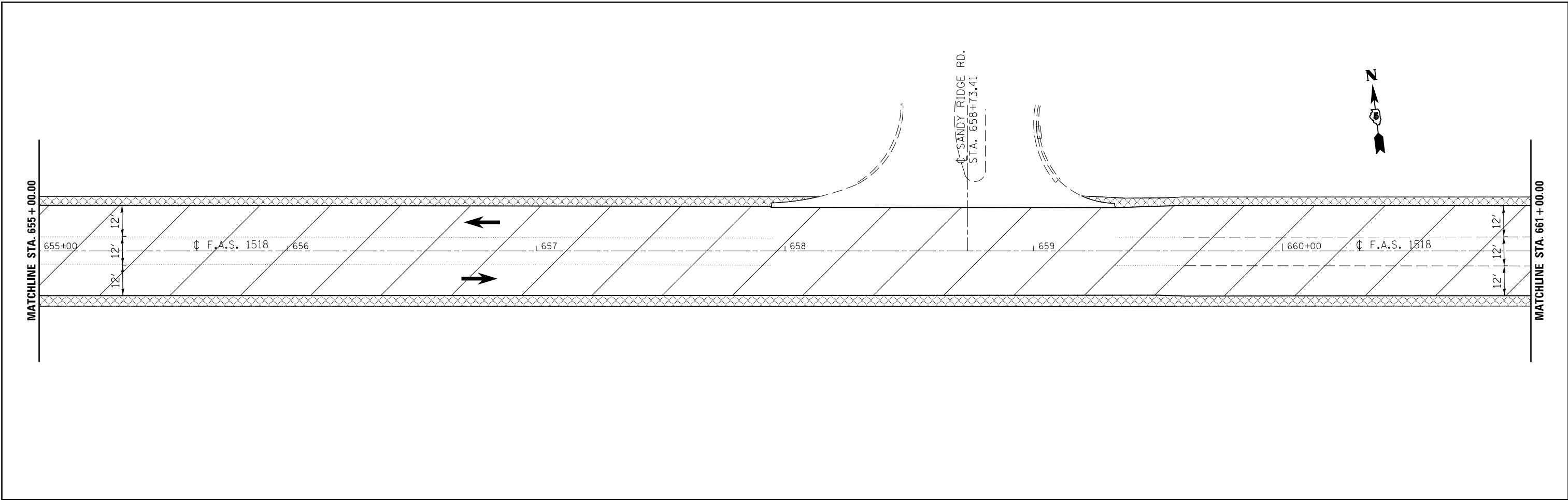
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 150 PLAN SHEET**

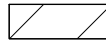
SCALE: 1:20    SHEET 3 OF 26 SHEETS    STA. 643+00.00 TO STA. 655+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	42
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

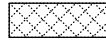
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



LEGEND



HMA SURFACE REMOVAL, 1/2"



BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

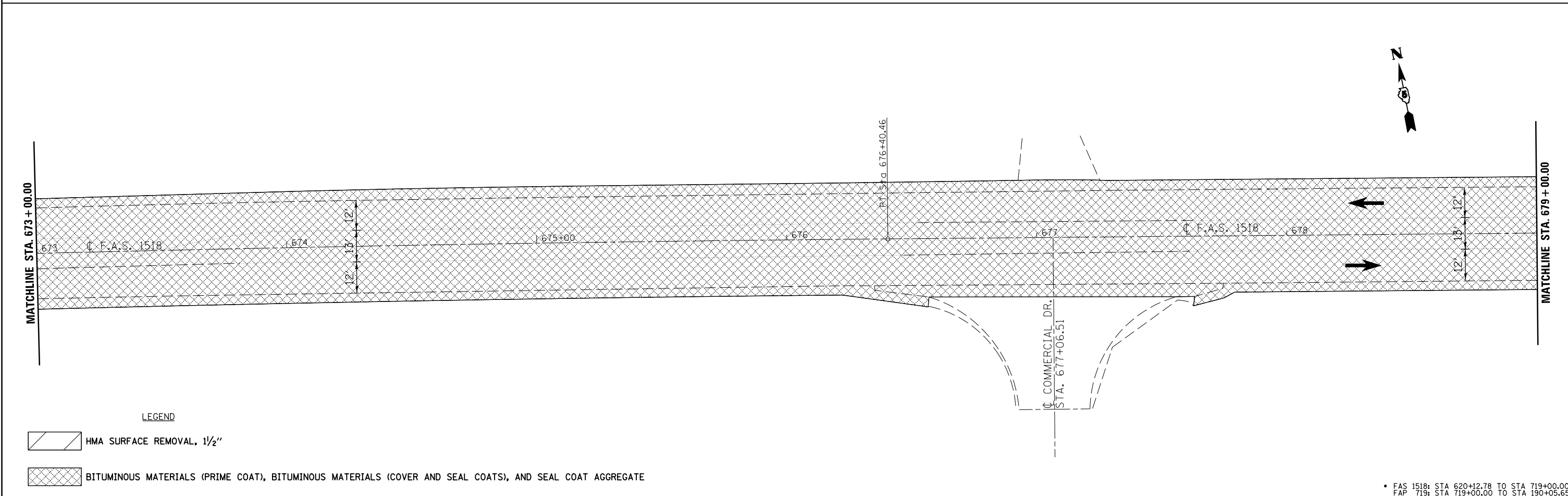
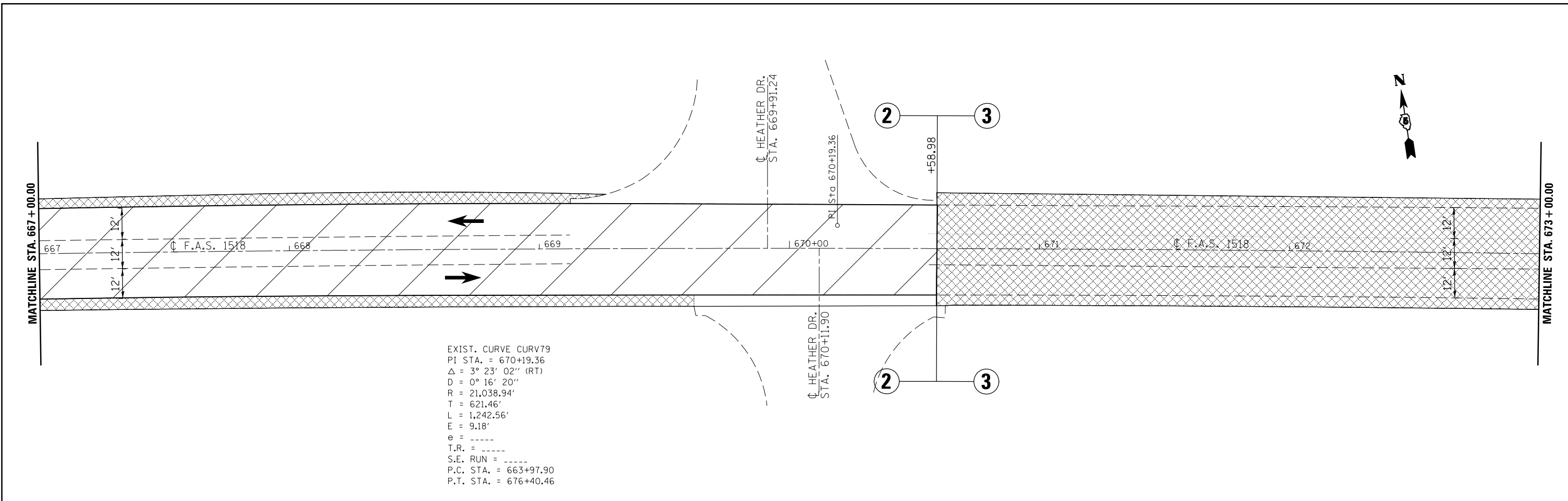
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

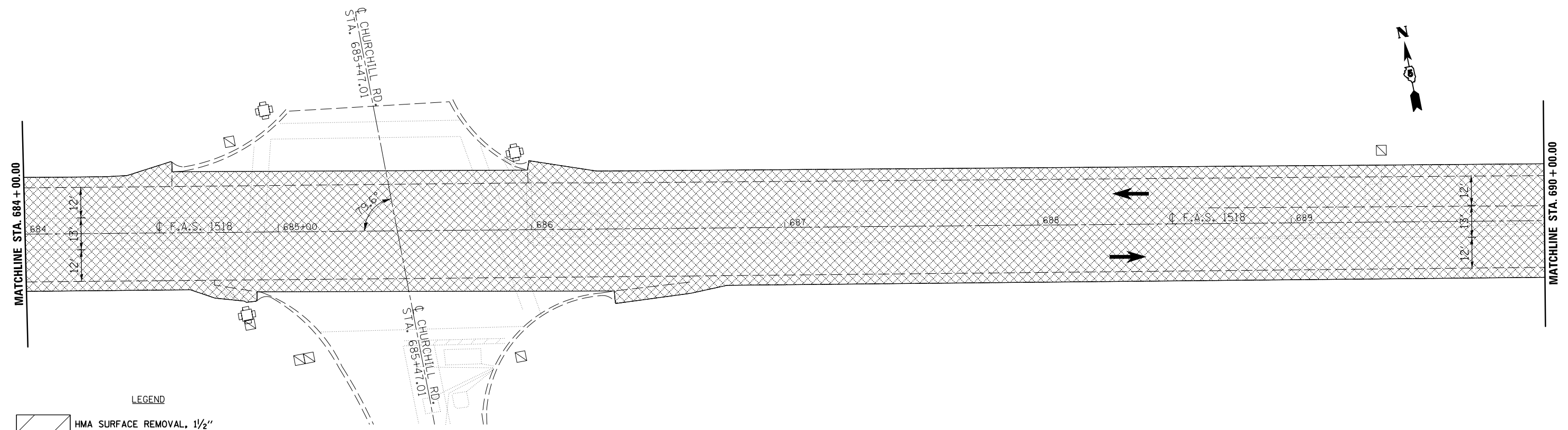
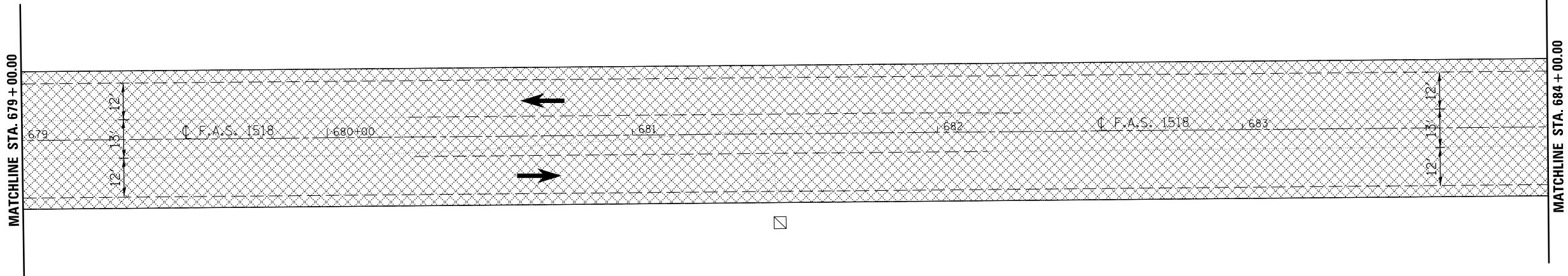
US 150 PLAN SHEET  
SCALE: 1:20 SHEET 4 OF 26 SHEETS STA. 655+00.00 TO STA. 667+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	43
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65



FILE NAME =	USER NAME = bergana_j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 150 PLAN SHEET</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pwork\pwork\bergena_j\0254648\0570702-sh1-dblp1n_20.dgn		DRAWN -	REVISED -		SCALE: 1:20	SHEET 5 OF 26 SHEETS	STA. 667+00.00 TO STA. 679+00.00	•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	44
		CHECKED -	REVISED -									
		DATE -	REVISED -									
	PLOT SCALE = 40.0000' / in.											
	PLOT DATE = 1/27/2015											
										<b>CONTRACT NO. 70702</b>		
<small>• FAS 1518: STA 620+12.78 TO STA 719+00.00 FAP 719: STA 719+00.00 TO STA 190+05.65</small>												
<small>ILLINOIS FED. AID PROJECT</small>												



- LEGEND**
- HMA SURFACE REMOVAL, 1/2"
  - BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergana_j	DESIGNED -	REVISED -
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	PLOT DATE = 1/27/2015	DATE -	REVISED -

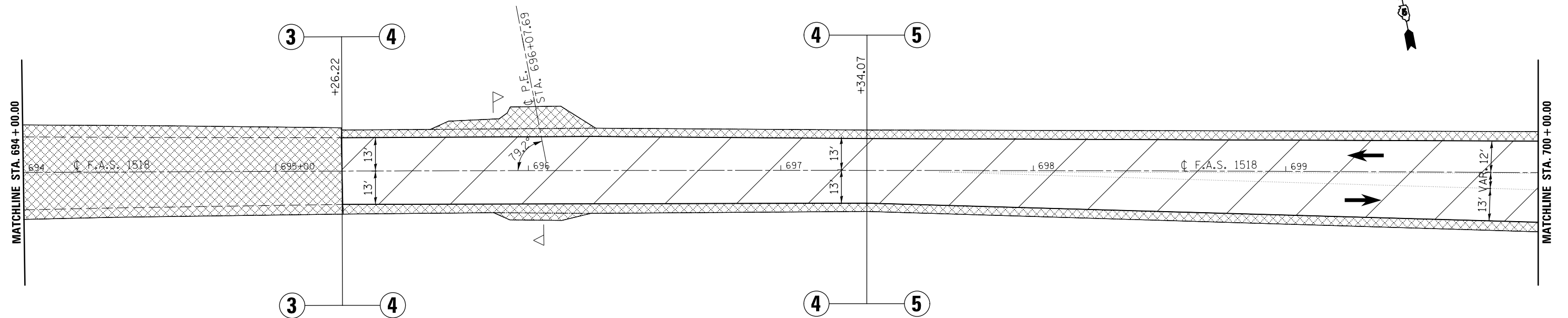
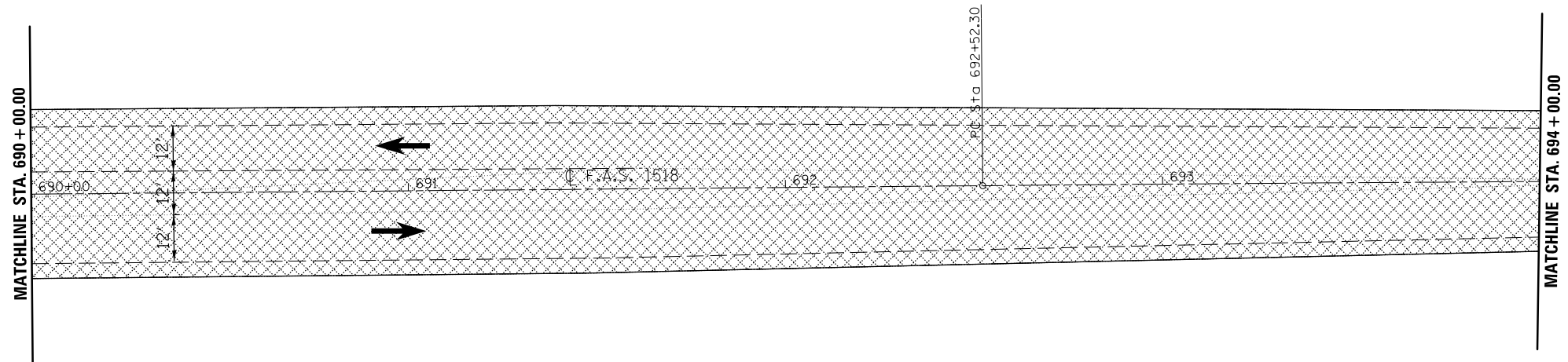
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 150 PLAN SHEET**

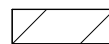
SCALE: 1:20    SHEET 6 OF 26 SHEETS    STA. 679+00.00 TO STA. 690+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	45
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	

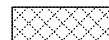
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65



LEGEND



HMA SURFACE REMOVAL, 1/2"



BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -
ei:\pw\work\p\idot\bergana.j\0254648\0570702-sh1-dbl\in_20.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

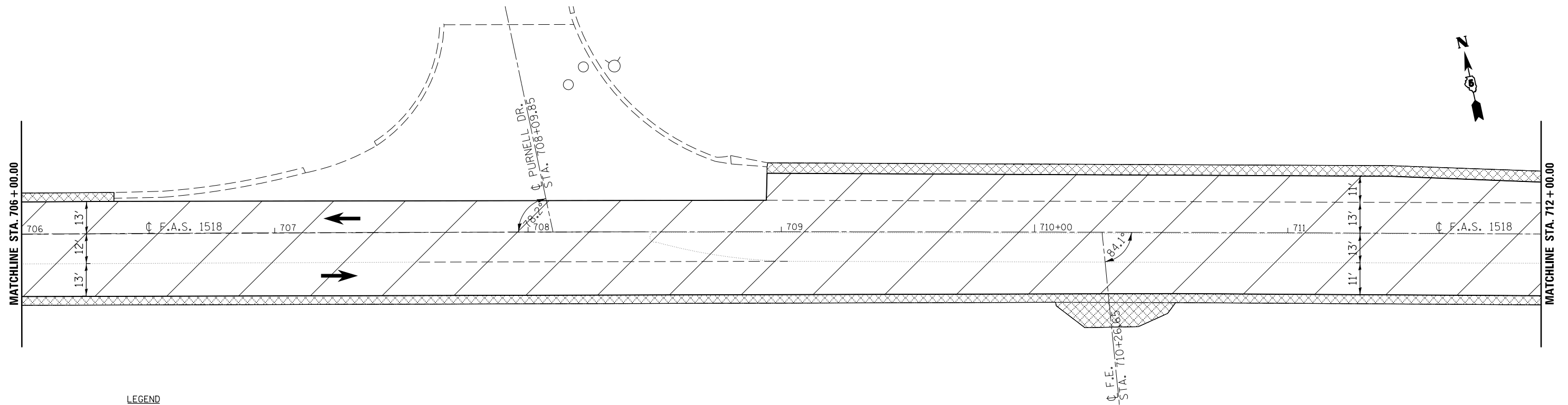
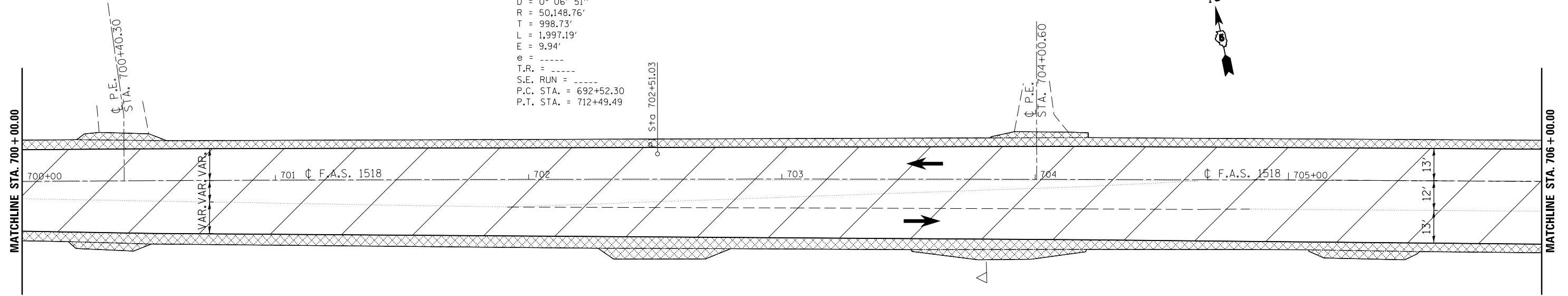
US 150 PLAN SHEET

SCALE: 1:20 SHEET 7 OF 26 SHEETS STA. 690+00.00 TO STA. 700+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	46
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

EXIST. CURVE CURV76  
 PI STA. = 702+51.03  
 $\Delta = 2^\circ 16' 55''$  (RT)  
 $D = 0^\circ 06' 51''$   
 $R = 50,148.76'$   
 $T = 998.73'$   
 $L = 1,997.19'$   
 $E = 9.94'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 692+52.30$   
 $P.T. \text{ STA.} = 712+49.49$



LEGEND

 HMA SURFACE REMOVAL, 1/2"

 BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergana_j	DESIGNED -	REVISED -
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	PLOT DATE = 1/27/2015	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

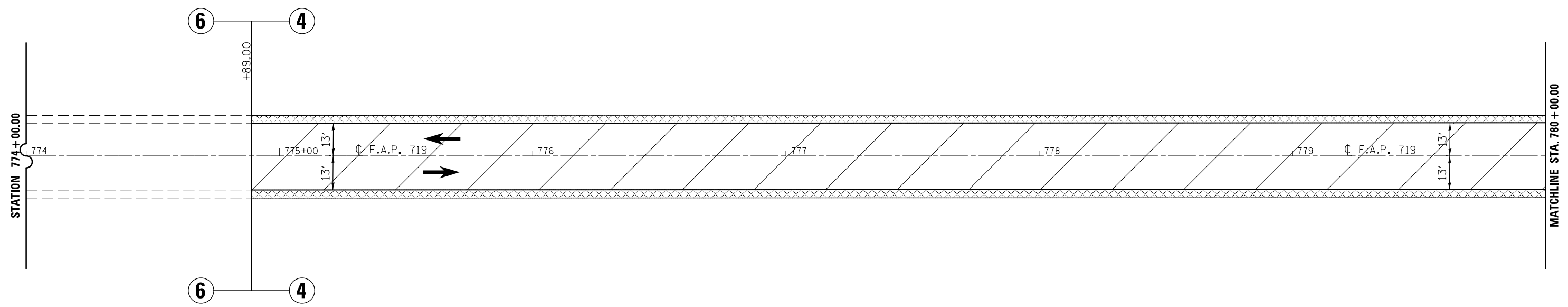
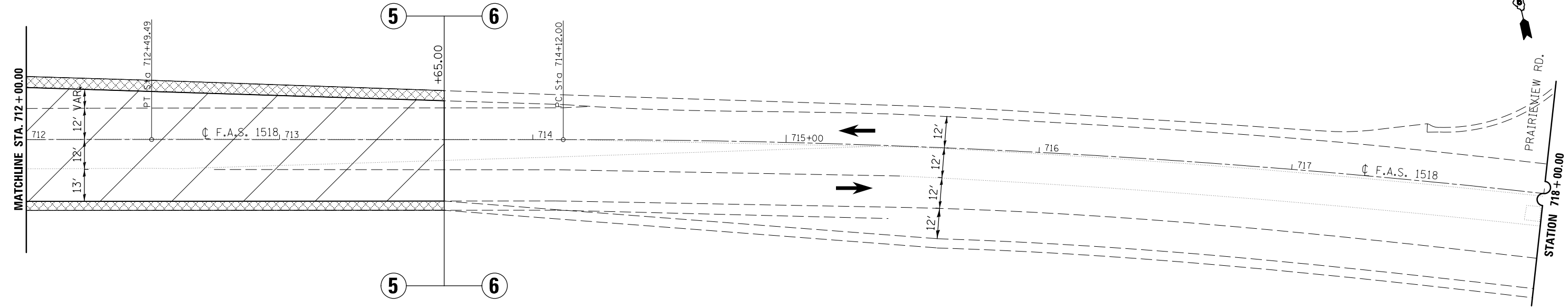
US 150 PLAN SHEET

SCALE: 1:20 SHEET 8 OF 26 SHEETS STA. 700+00.00 TO STA. 712+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	47
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

RUMBLE STRIPS SHALL BE INSTALLED FROM STATION 713+65.00 TO STATION 774+89.00



LEGEND

HMA SURFACE REMOVAL, 1 1/2"

BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergana_j	DESIGNED -	REVISED -
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	PLOT DATE = 1/27/2015	DATE -	REVISED -

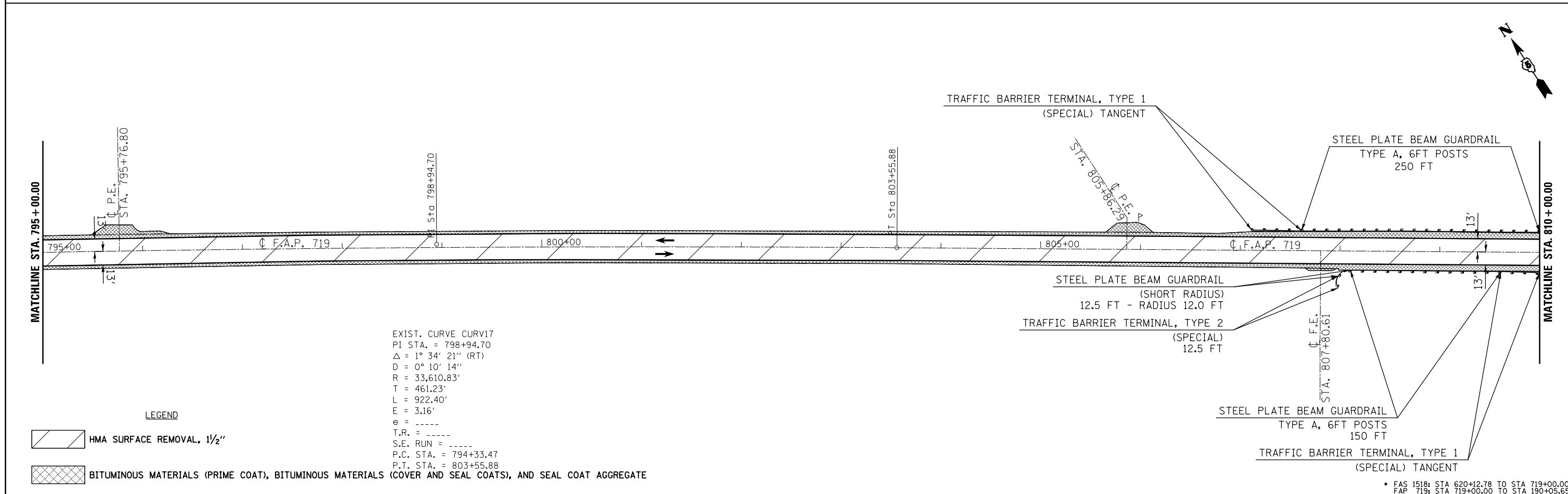
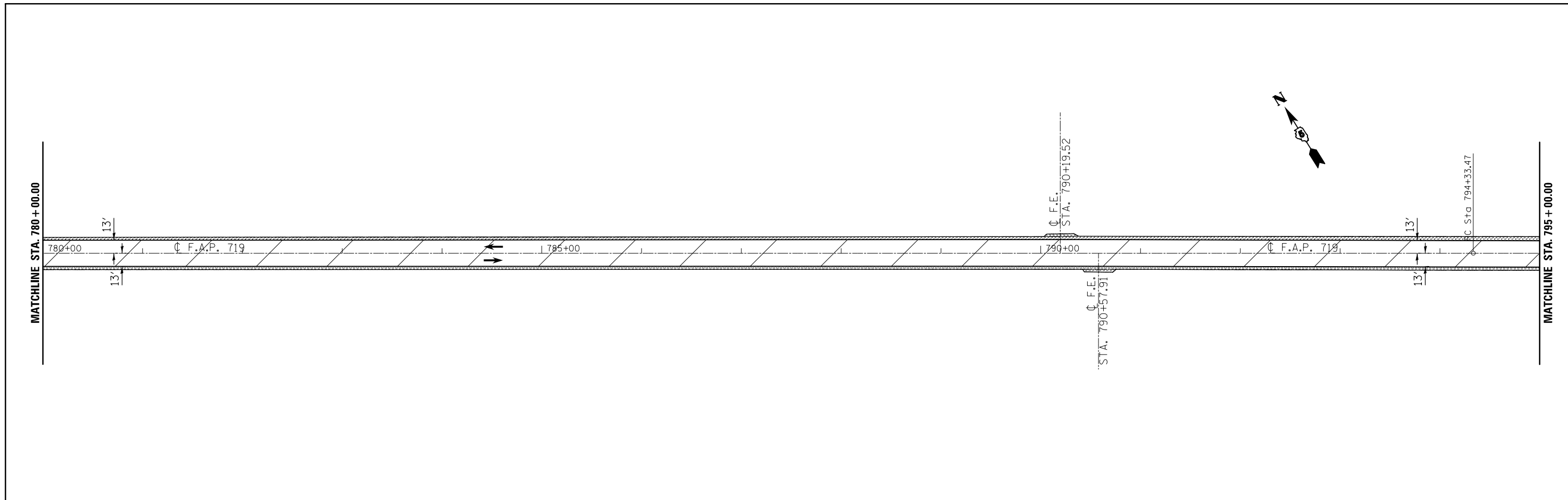
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

US 150 PLAN SHEET

SCALE: 1:20 SHEET 9 OF 26 SHEETS STA. 712+00.00 TO STA. 780+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	48
			CONTRACT NO. 70702	
ILLINOIS FED. AID PROJECT				





EXIST. CURVE CURV17  
 PI STA. = 798+94.70  
 $\Delta = 1^\circ 34' 21''$  (RT)  
 $D = 0^\circ 10' 14''$   
 $R = 33,610.83'$   
 $T = 461.23'$   
 $L = 922.40'$   
 $E = 3.16'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 794+33.47  
 P.T. STA. = 803+55.88

LEGEND

HMA SURFACE REMOVAL, 1/2"

BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergana_j	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 1/27/2015		DATE -	REVISED -

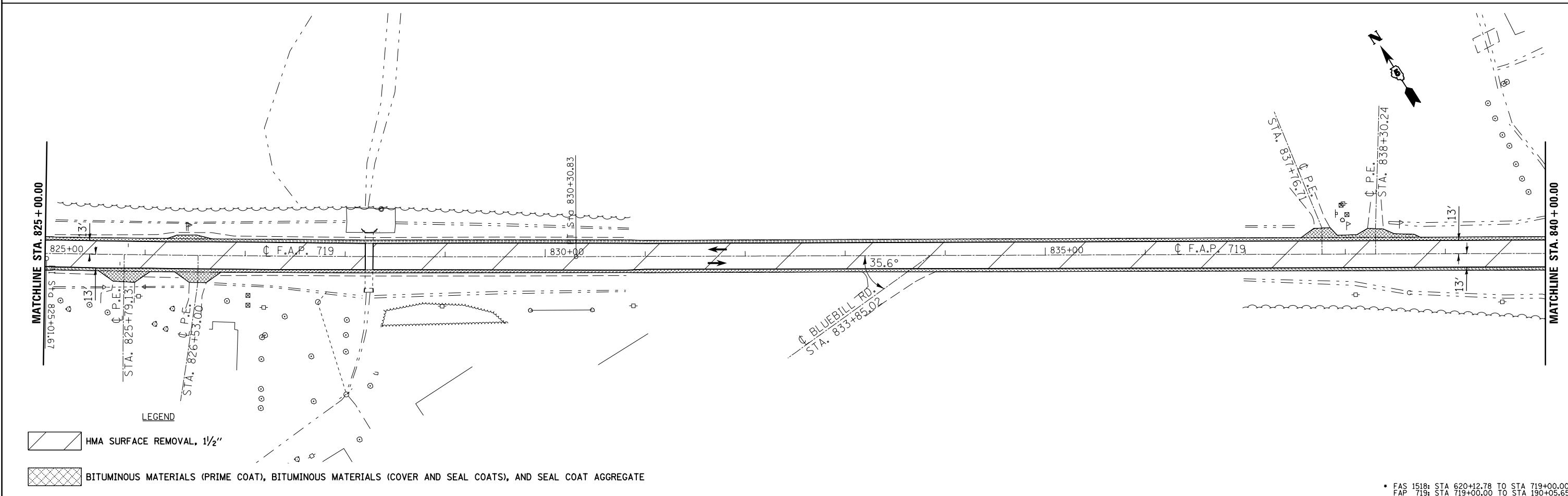
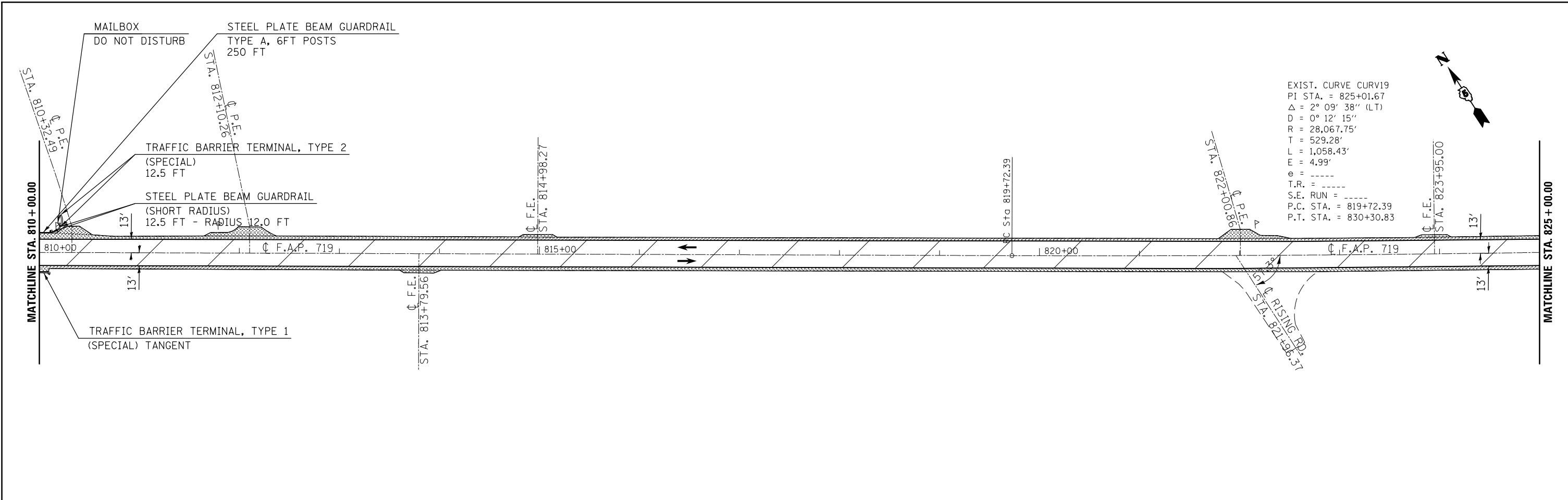
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

US 150 PLAN SHEET

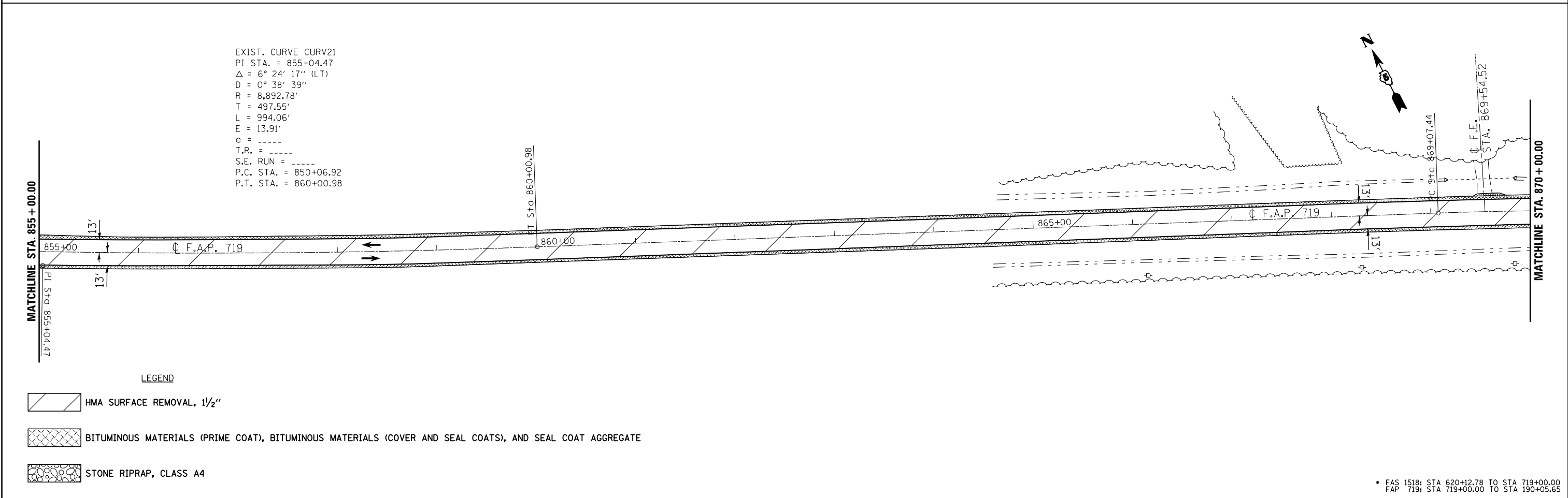
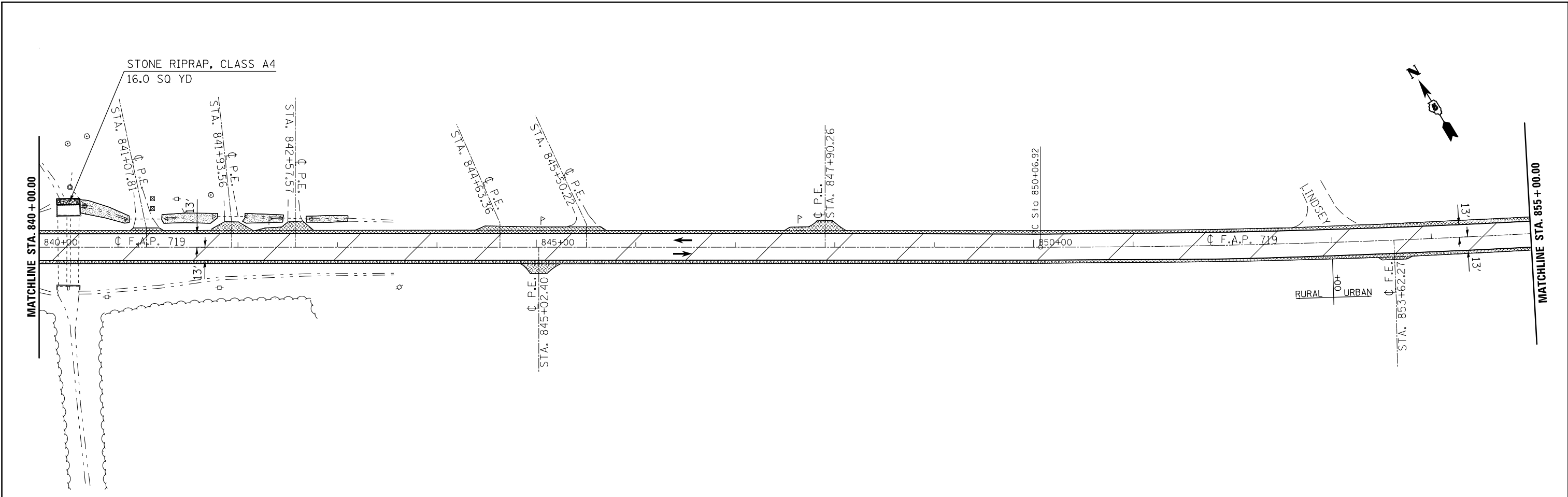
SCALE: 1:50 SHEET 10 OF 26 SHEETS STA. 780+00.00 TO STA. 810+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	49
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 150 PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p1dot\bergena\10254648\105702-sh1-dblp1n_50.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	50
PLOT DATE = 1/27/2015	DATE -	CHECKED -	REVISED -		CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -		SCALE: 1:50	SHEET 11 OF 26 SHEETS	STA. 810+00.00 TO STA. 840+00.00					



EXIST. CURVE CURV21  
 PI STA. = 855+04.47  
 $\Delta = 6^\circ 24' 17''$  (LT)  
 $D = 0^\circ 38' 39''$   
 $R = 8,892.78'$   
 $T = 497.55'$   
 $L = 994.06'$   
 $E = 13.91'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 850+06.92$   
 $P.T. STA. = 860+00.98$

- LEGEND
- HMA SURFACE REMOVAL, 1/2"
  - BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE
  - STONE RIPRAP, CLASS A4

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

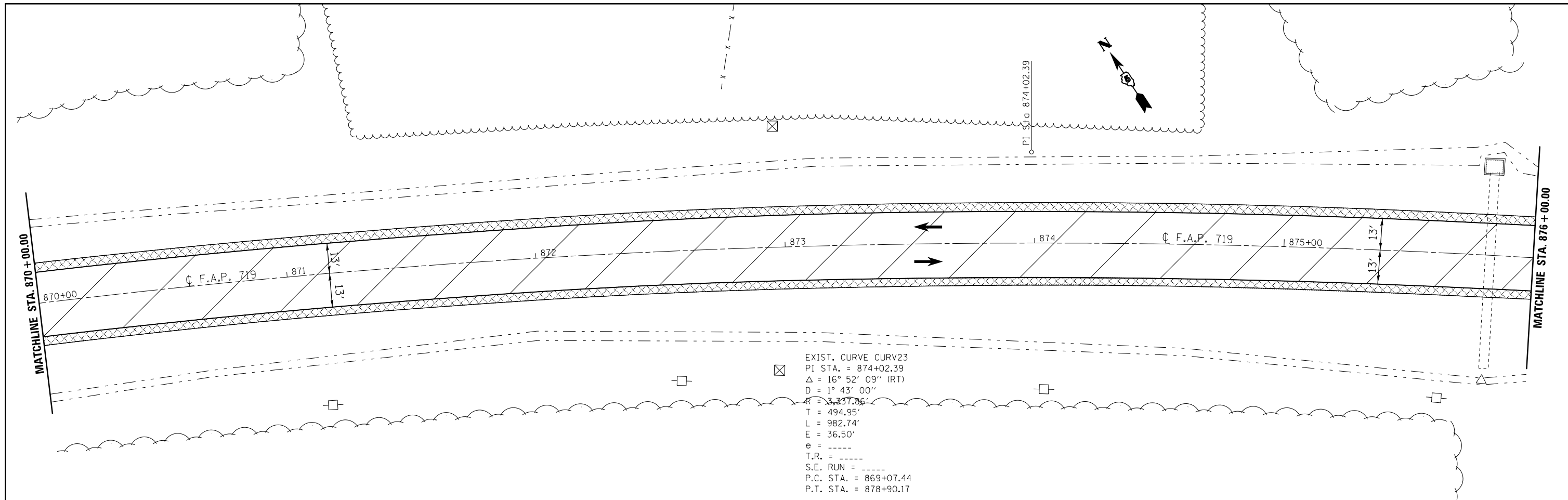
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150 PLAN SHEET**

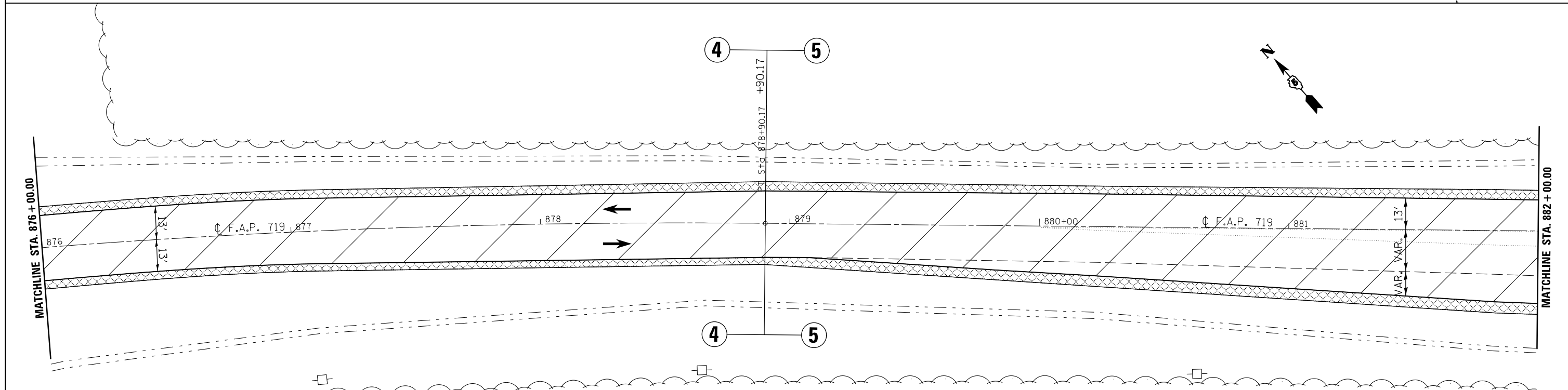
SCALE: 1:50    SHEET 12 OF 26 SHEETS    STA. 840+00.00 TO STA. 870+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	51
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



EXIST. CURVE CURV23  
 PI STA. = 874+02.39  
 $\Delta = 16^\circ 52' 09''$  (RT)  
 $D = 1^\circ 43' 00''$   
 $R = 3,337.86'$   
 $T = 494.95'$   
 $L = 982.74'$   
 $E = 36.50'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 869+07.44$   
 $P.T. \text{ STA.} = 878+90.17$



LEGEND

 HMA SURFACE REMOVAL, 1/2"

 BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergana_j	DESIGNED -	REVISED -
ei:\pwwork\pwwork\bergena_j\0254648\0570702-sh1-dblp1n_50.dgn		DRAWN -	REVISED -
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	PLOT DATE = 1/27/2015	DATE -	REVISED -

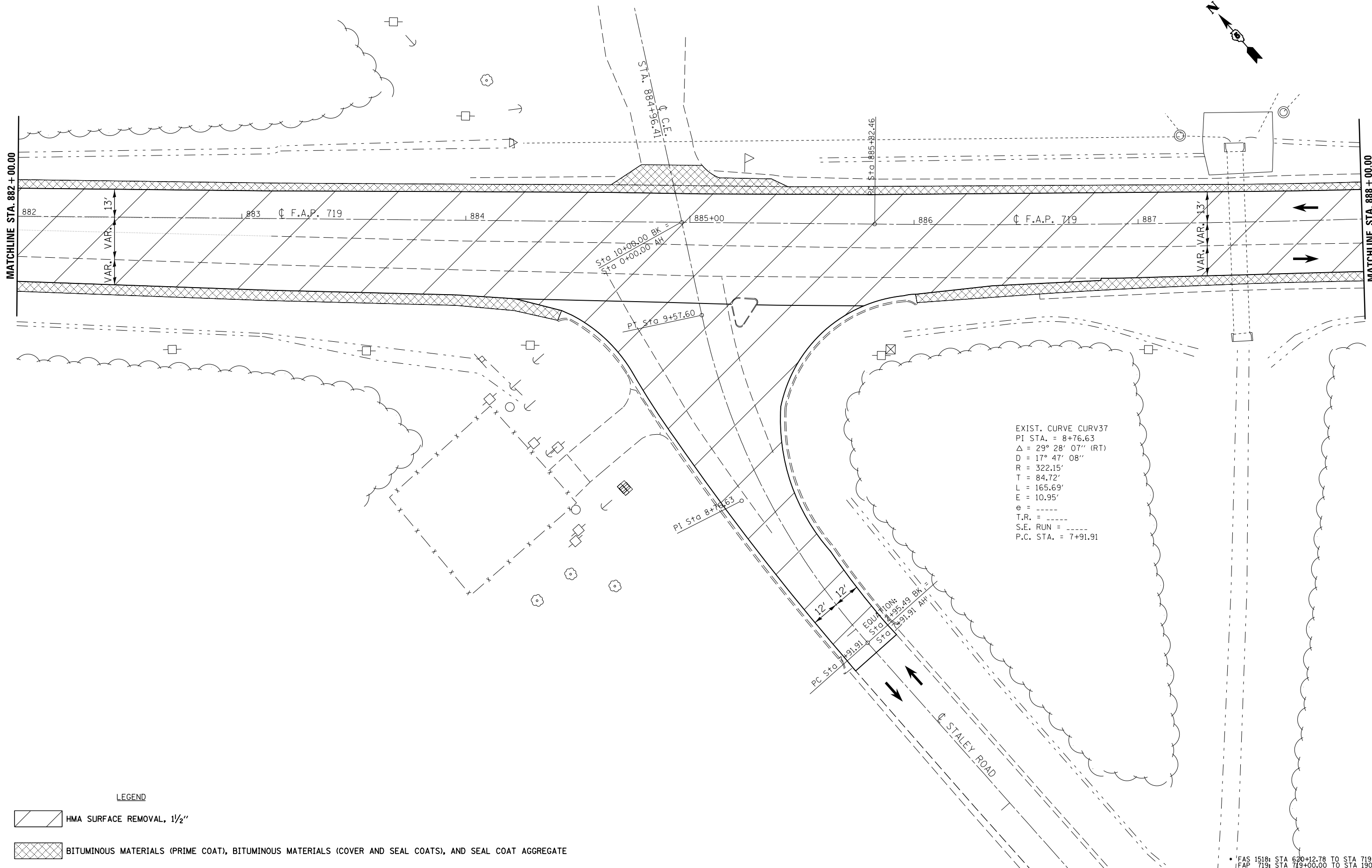
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

US 150 PLAN SHEET

SCALE: 1:20 SHEET 13 OF 26 SHEETS STA. 870+00.00 TO STA. 882+00.00

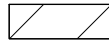
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	52
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

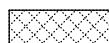


EXIST. CURVE CURV37  
 PI STA. = 8+76.63  
 $\Delta$  = 29° 28' 07" (RT)  
 D = 17° 47' 08"  
 R = 322.15'  
 T = 84.72'  
 L = 165.69'  
 E = 10.95'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 7+91.91

LEGEND



HMA SURFACE REMOVAL, 1/2"



BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergana_j	DESIGNED -	REVISED -
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	PLOT DATE = 1/27/2015	DATE -	REVISED -

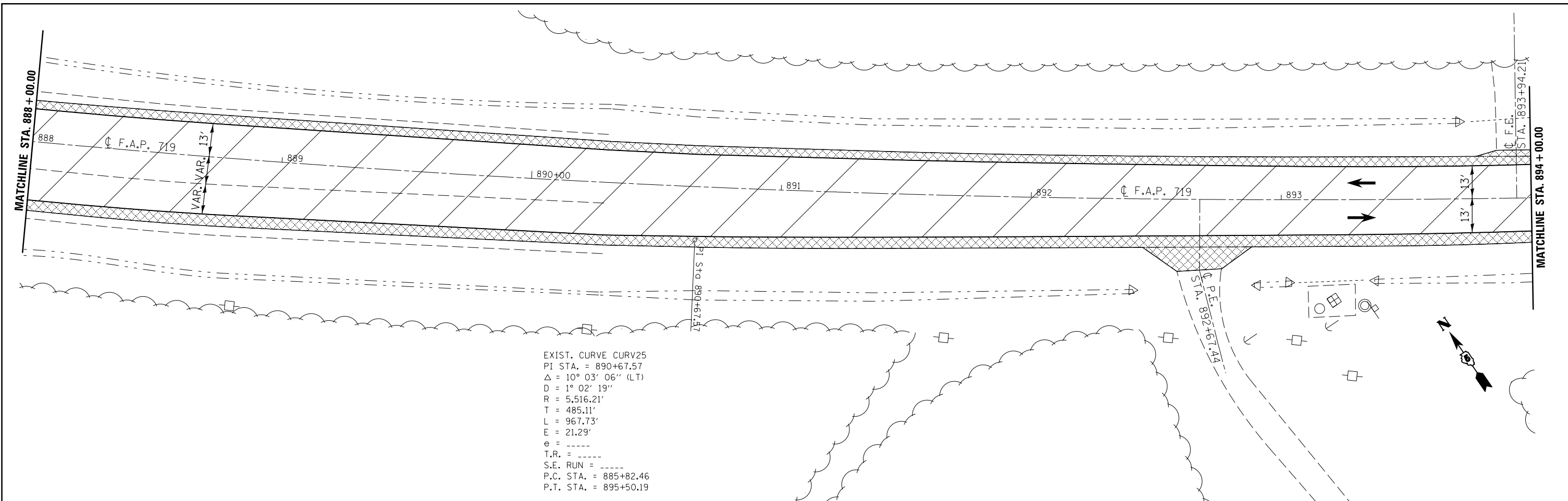
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

US 150 PLAN SHEET

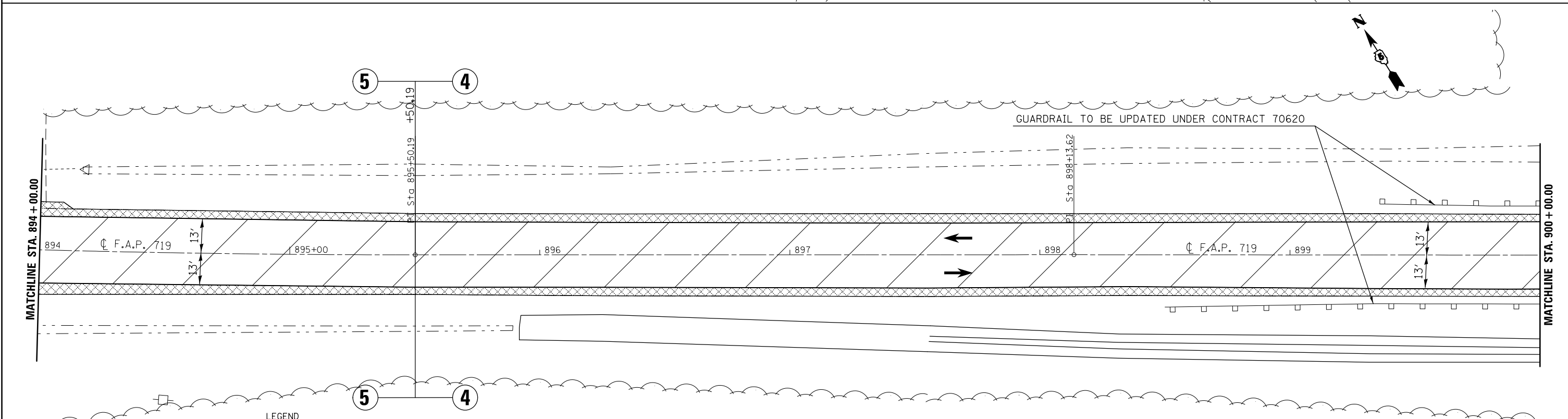
SCALE: 1:20 SHEET 14 OF 26 SHEETS STA. 882+00.00 TO STA. 888+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	53
			CONTRACT NO. 70702	
ILLINOIS FED. AID PROJECT				

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



EXIST. CURVE CURV25  
 PI STA. = 890+67.57  
 $\Delta = 10^\circ 03' 06''$  (LT)  
 D =  $1^\circ 02' 19''$   
 R = 5,516.21'  
 T = 485.11'  
 L = 967.73'  
 E = 21.29'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 885+82.46  
 P.T. STA. = 895+50.19



- LEGEND
- HMA SURFACE REMOVAL, 1/2"
  - BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
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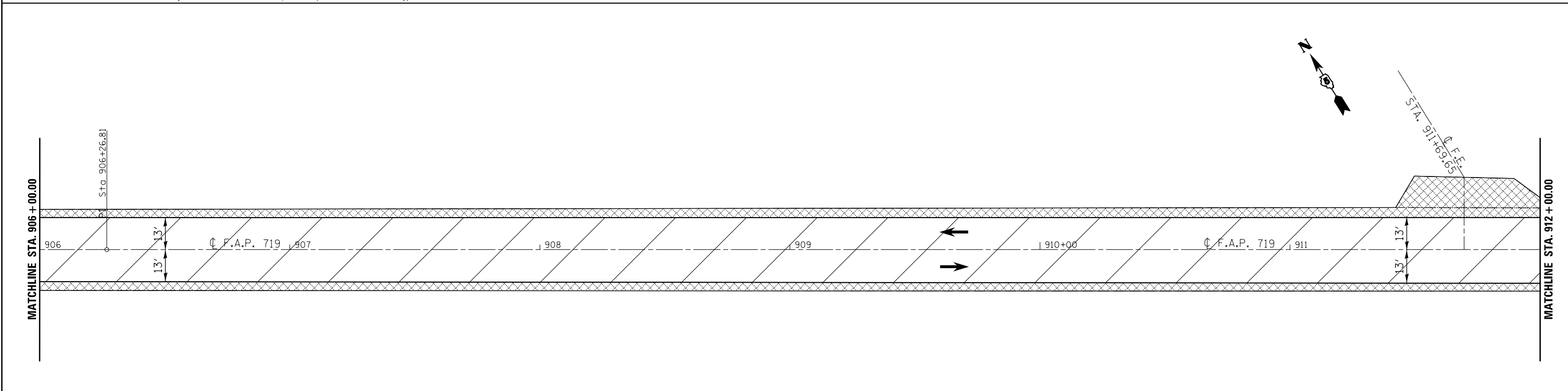
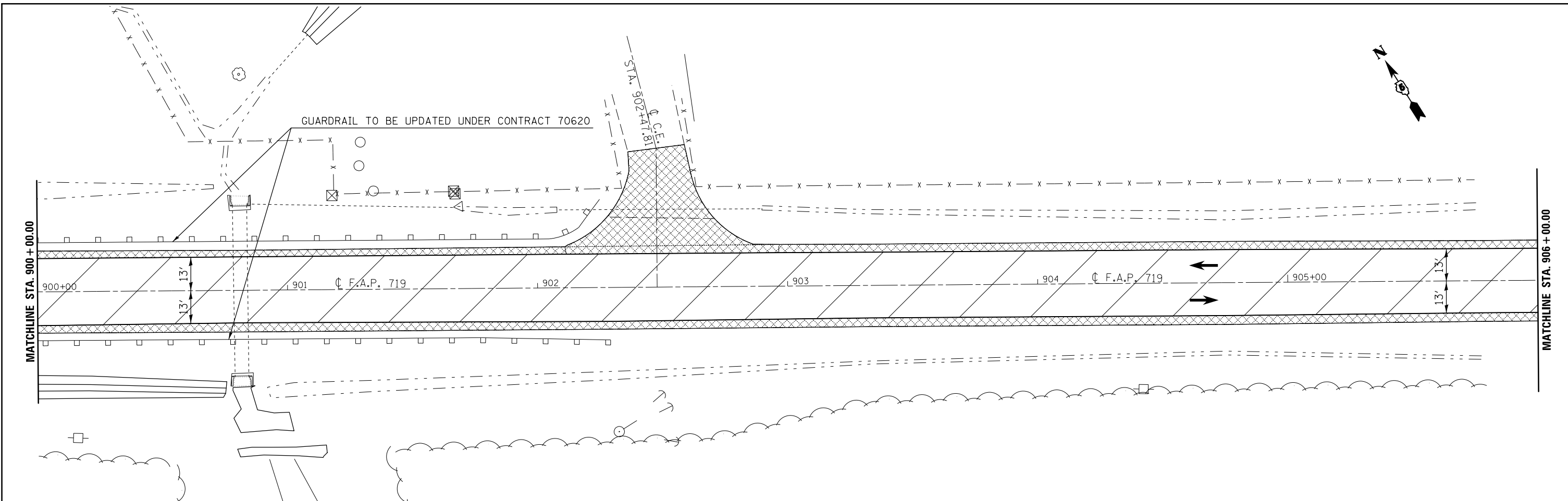
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150 PLAN SHEET**

SCALE: 1:20    SHEET 15 OF 26 SHEETS    STA. 888+00.00 TO STA. 900+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	54
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



LEGEND

HMA SURFACE REMOVAL, 1/2"

BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = berganej	DESIGNED -	REVISED -
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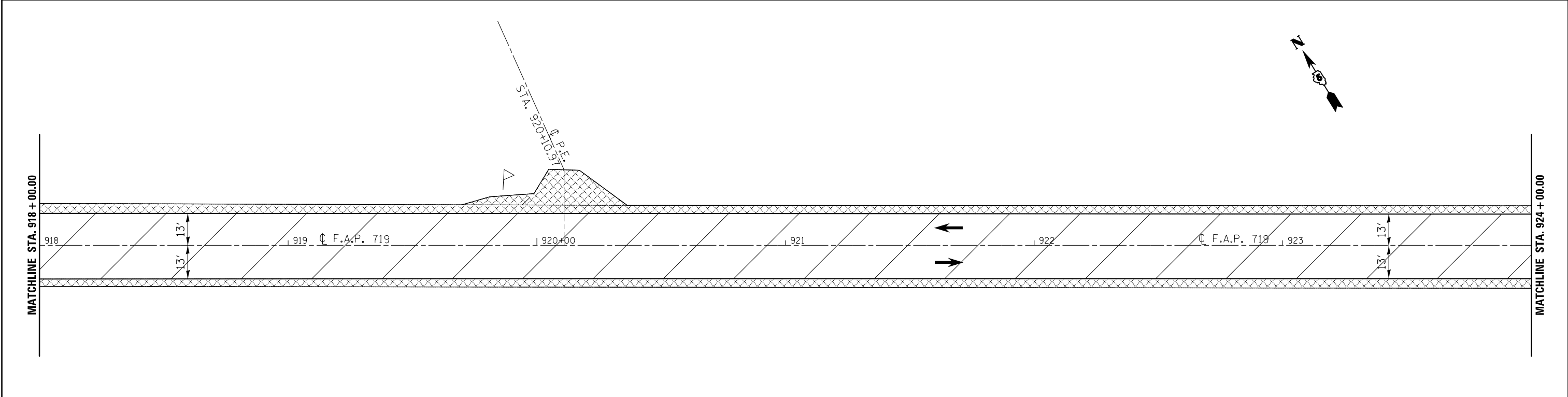
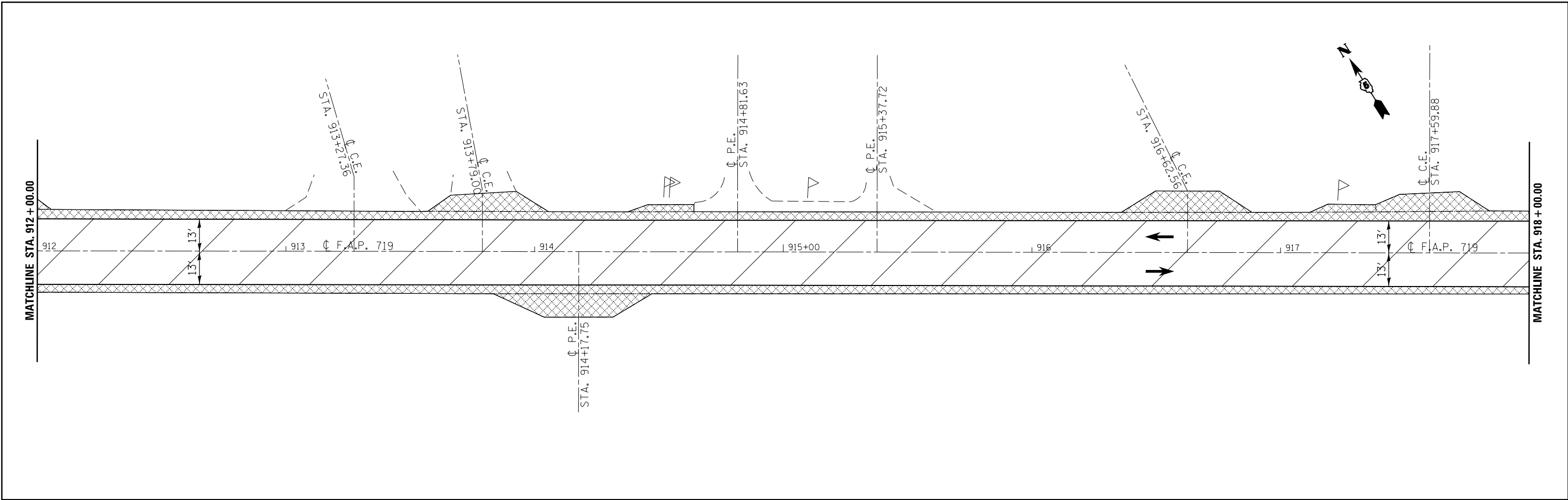
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 150 PLAN SHEET

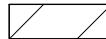
SCALE: 1:20 SHEET 16 OF 26 SHEETS STA. 900+00.00 TO STA. 912+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	55
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

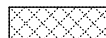
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65



LEGEND



HMA SURFACE REMOVAL, 1/2"



BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -
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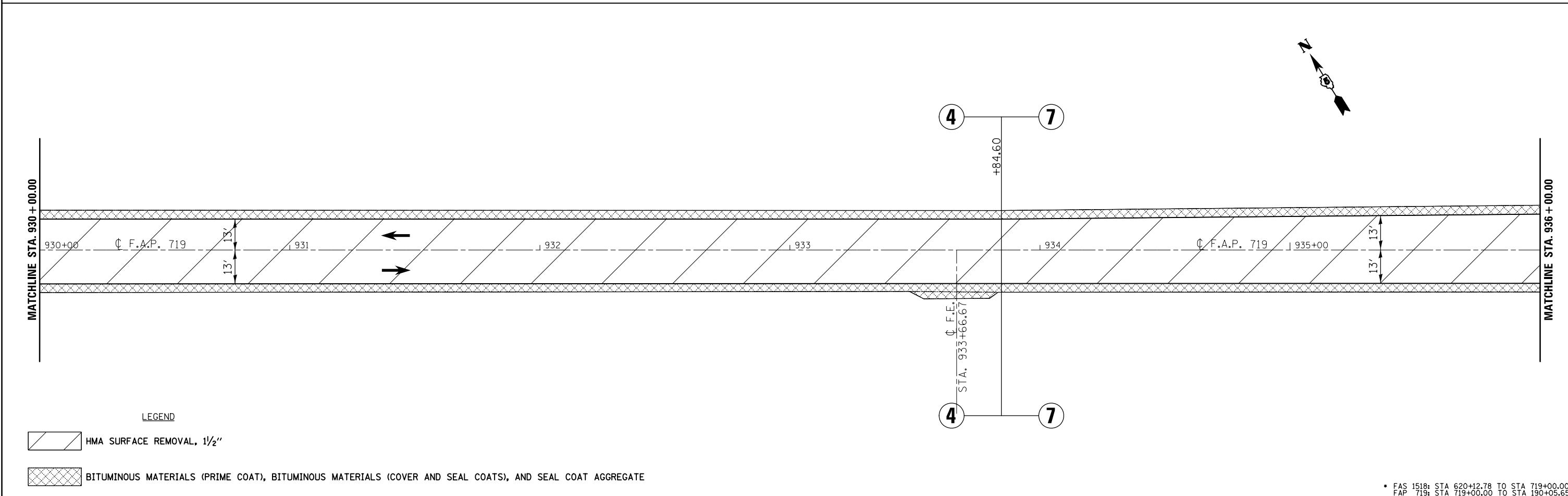
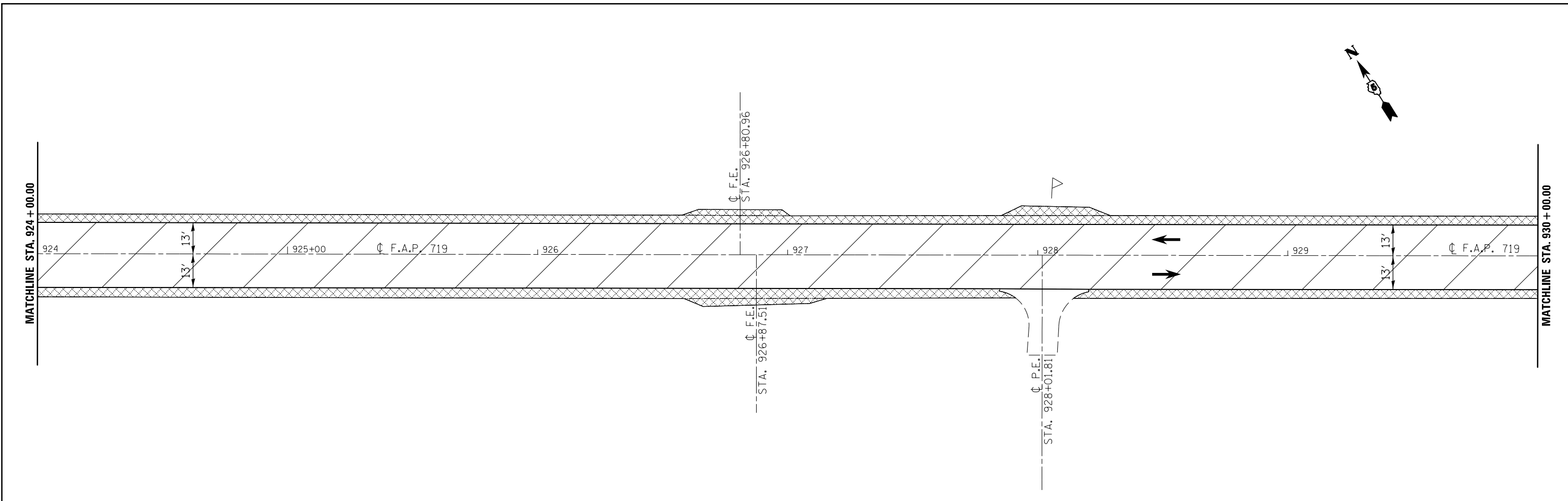
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 150 PLAN SHEET  
SCALE: 1:20 SHEET 17 OF 26 SHEETS STA. 912+00.00 TO STA. 924+00.00

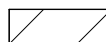
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	56
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

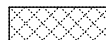




LEGEND



HMA SURFACE REMOVAL, 1/2"



BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -
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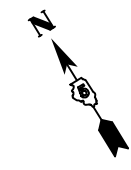
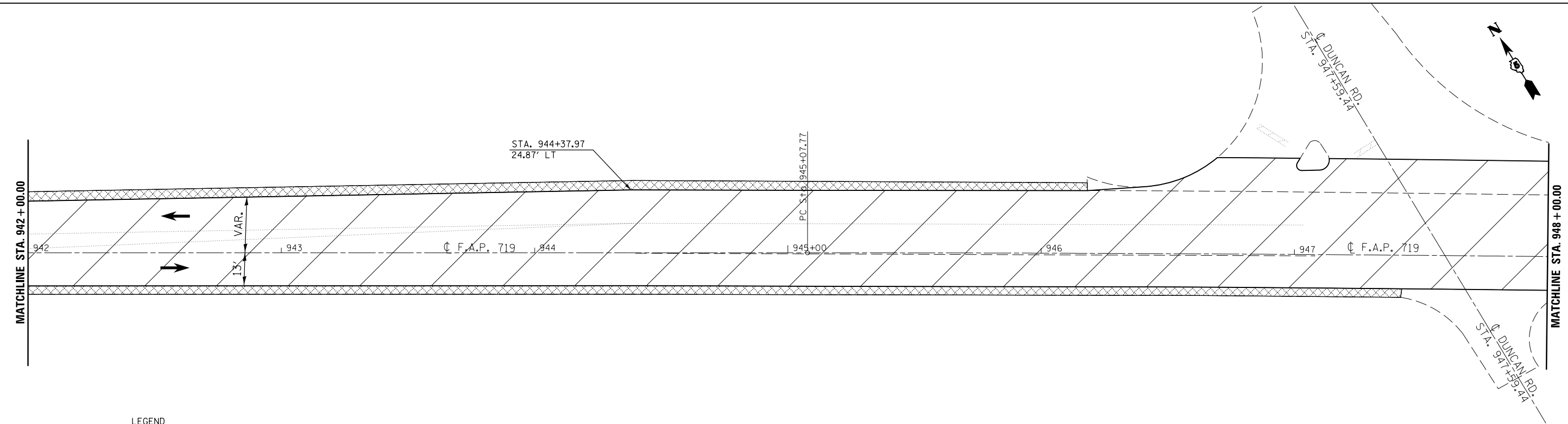
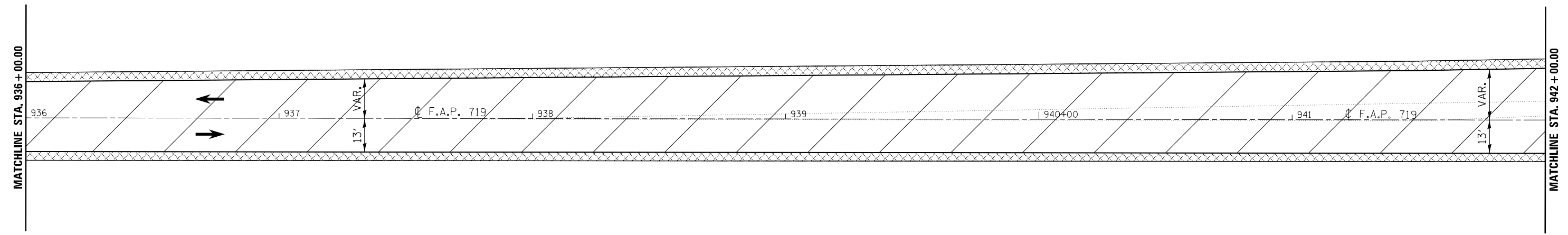
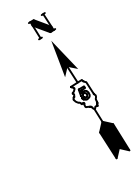
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 150 PLAN SHEET

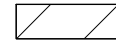
SCALE: 1:20 SHEET 18 OF 26 SHEETS STA. 924+00.00 TO STA. 936+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	57
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	

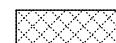
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65



LEGEND



HMA SURFACE REMOVAL, 1 1/2"



BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
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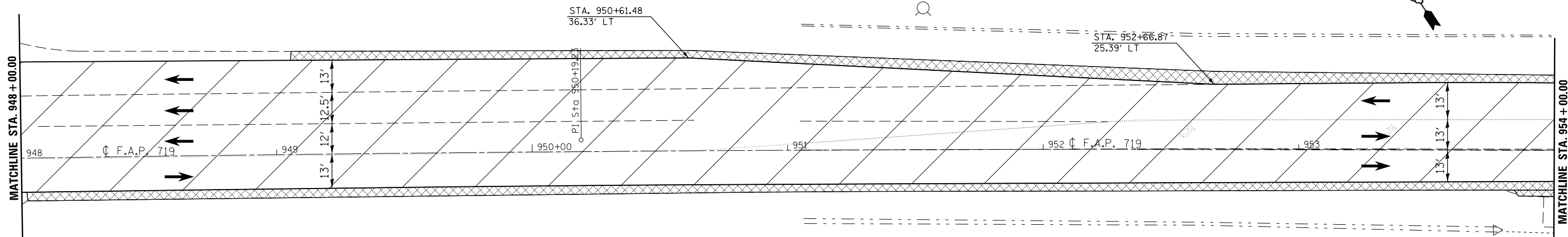
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US 150 PLAN SHEET

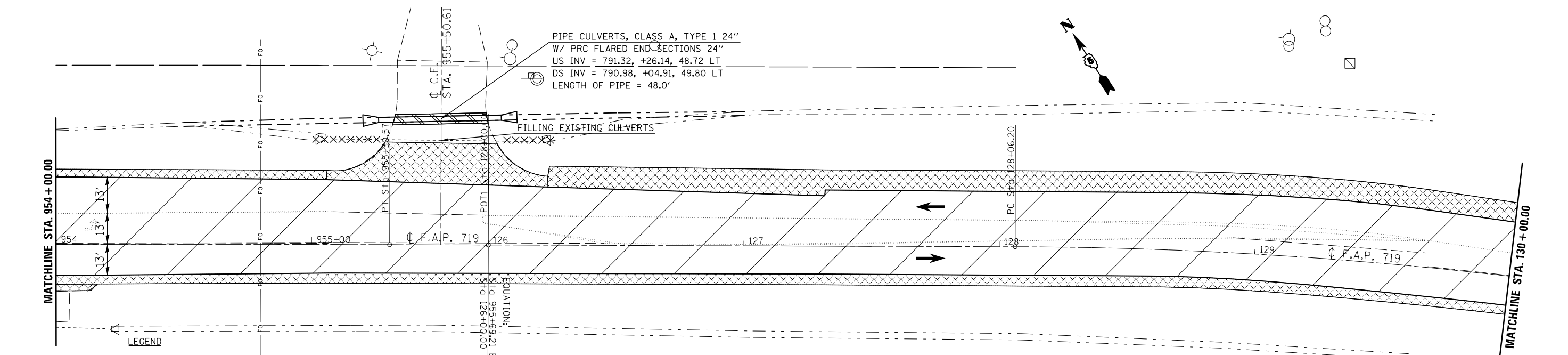
SCALE: 1:20 SHEET 19 OF 26 SHEETS STA. 936+00.00 TO STA. 948+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	58
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65



EXIST. CURVE CURV144  
 PI STA. = 950+19.23  
 $\Delta$  = 2° 02' 45" (RT)  
 D = 0° 12' 00"  
 R = 28,644.49'  
 T = 511.45'  
 L = 1,022.80'  
 E = 4.57'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 945+07.77  
 P.T. STA. = 955+30.57



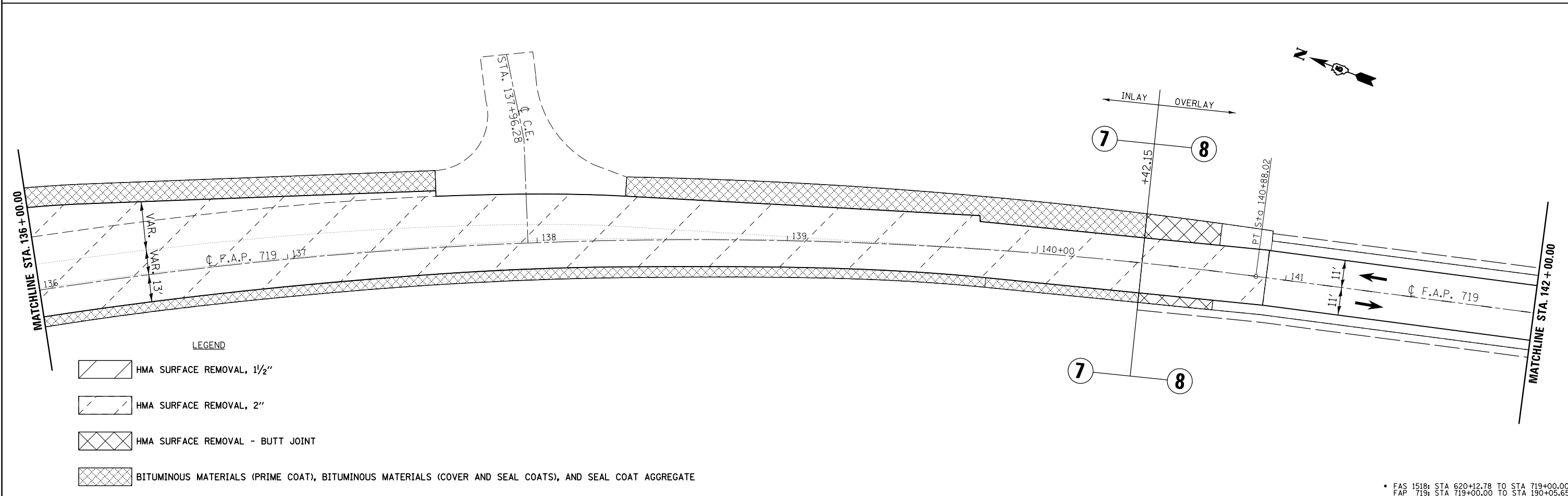
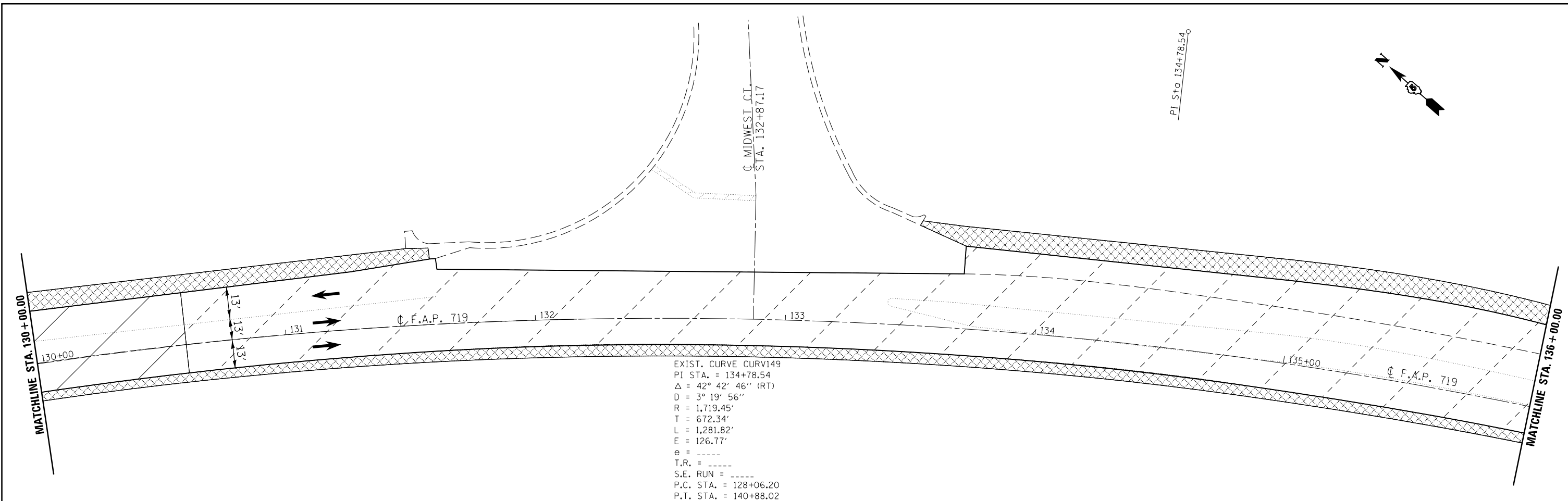
PIPE CULVERTS, CLASS A, TYPE 1 24"  
 W/ PRC FLARED END SECTIONS 24"  
 US INV = 791.32, +26.14, 48.72 LT  
 DS INV = 790.98, +04.91, 49.80 LT  
 LENGTH OF PIPE = 48.0'

EQUATION:  
 STA. 955+69.21 BK =  
 STA. 126+00.00 AH

- LEGEND
- HMA SURFACE REMOVAL, 1/2"
  - BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE
  - CLASS C PATCHES, TYPE III, 8 INCH
  - PIPE CULVERT REMOVAL

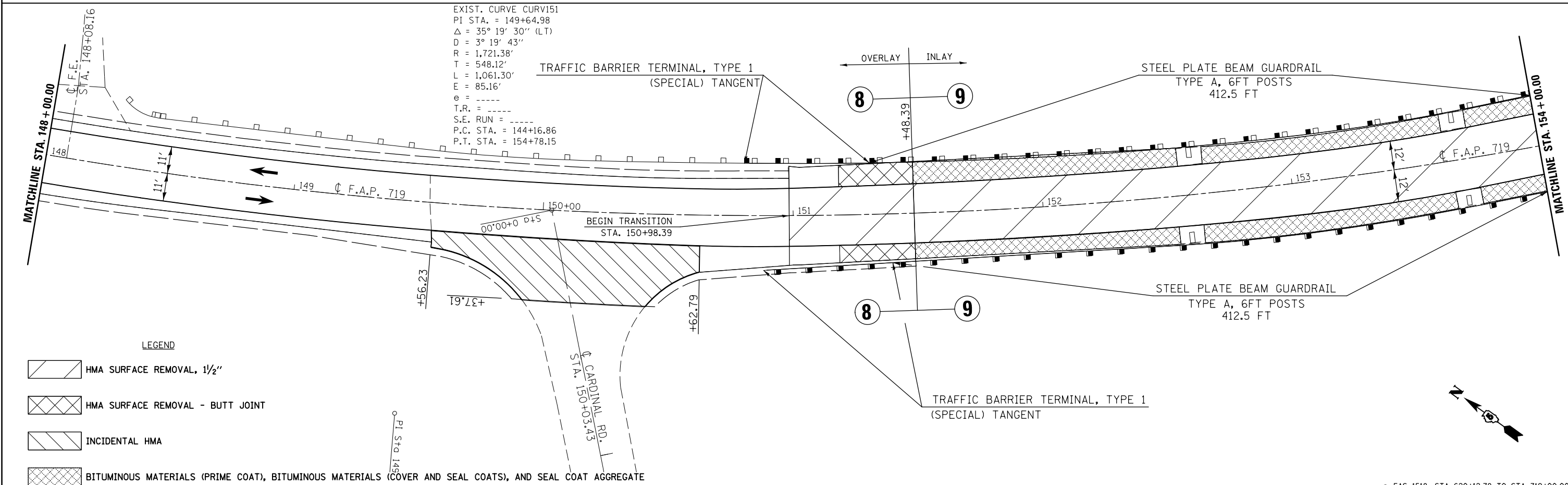
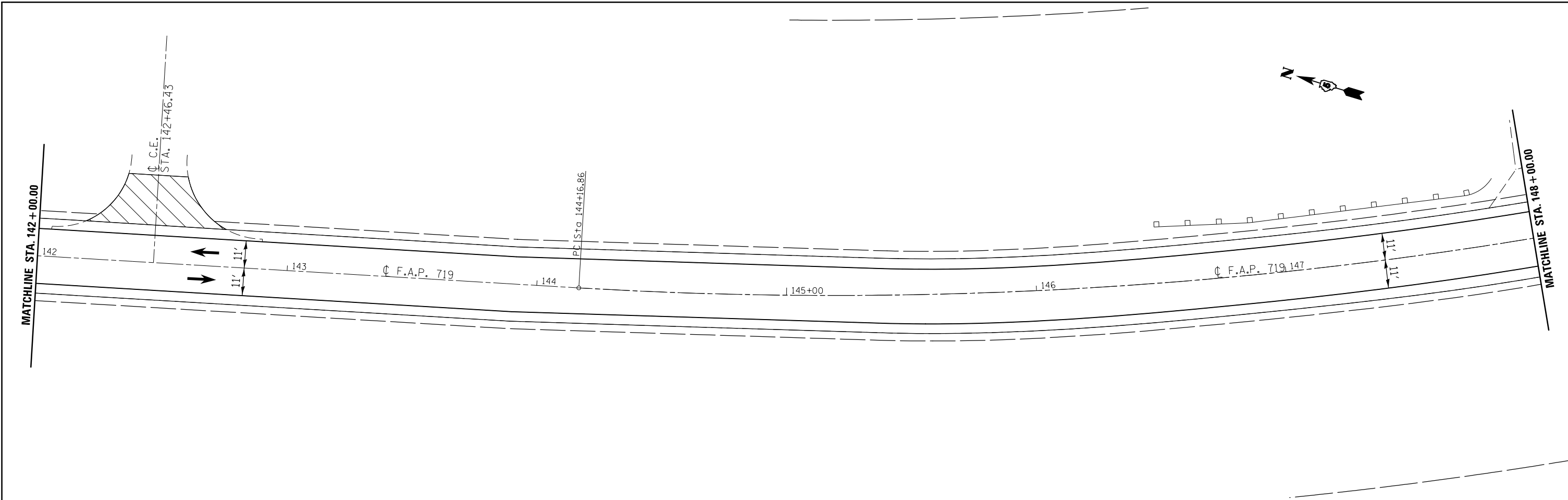
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME = c:\pwwork\pwwork\bergena\0254648\0570702-sht-dbl\pln_50.dgn	USER NAME = bergena_j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 150 PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#MODELNAME#	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	59
	PLOT DATE = 1/27/2015	CHECKED -	REVISED -		SCALE: 1:20	SHEET 20 OF 26 SHEETS	STA. 948+00.00 TO STA. 130+00.00	CONTRACT NO. 70702				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 150 PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p\dot\bergana.j\0254648\0570702-sh1-dbl\pln_50.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	60
*MODELNAME#	PLOT DATE = 1/27/2015	CHECKED -	REVISED -		SCALE: 1:20    SHEET 21 OF 26 SHEETS    STA.130+00.00 TO STA.142+00.00			CONTRACT NO. 70702		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -									

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



EXIST. CURVE CURV151  
 PI STA. = 149+64.98  
 $\Delta = 35^\circ 19' 30''$  (LT)  
 $D = 3^\circ 19' 43''$   
 $R = 1,721.38'$   
 $T = 548.12'$   
 $L = 1,061.30'$   
 $E = 85.16'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 144+16.86$   
 $P.T. STA. = 154+78.15$

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
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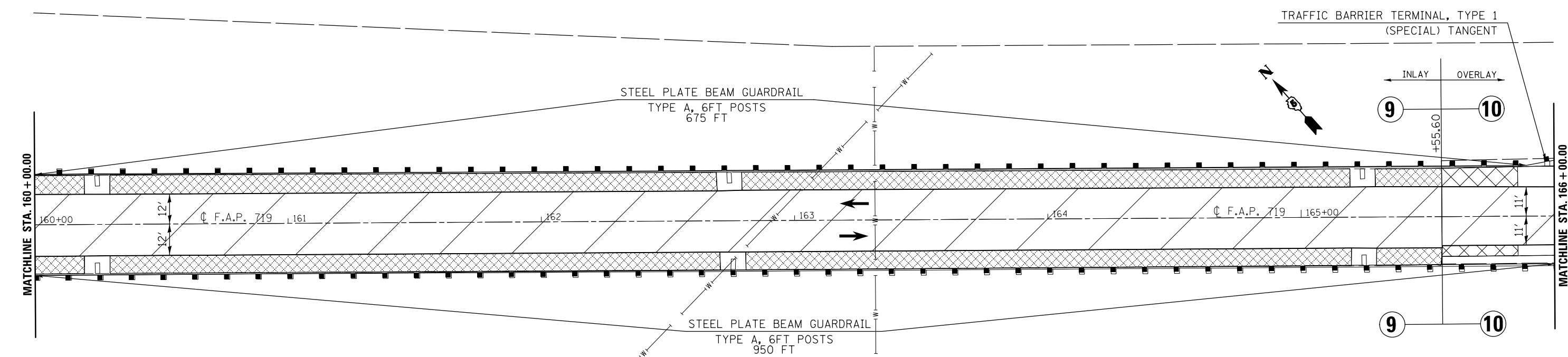
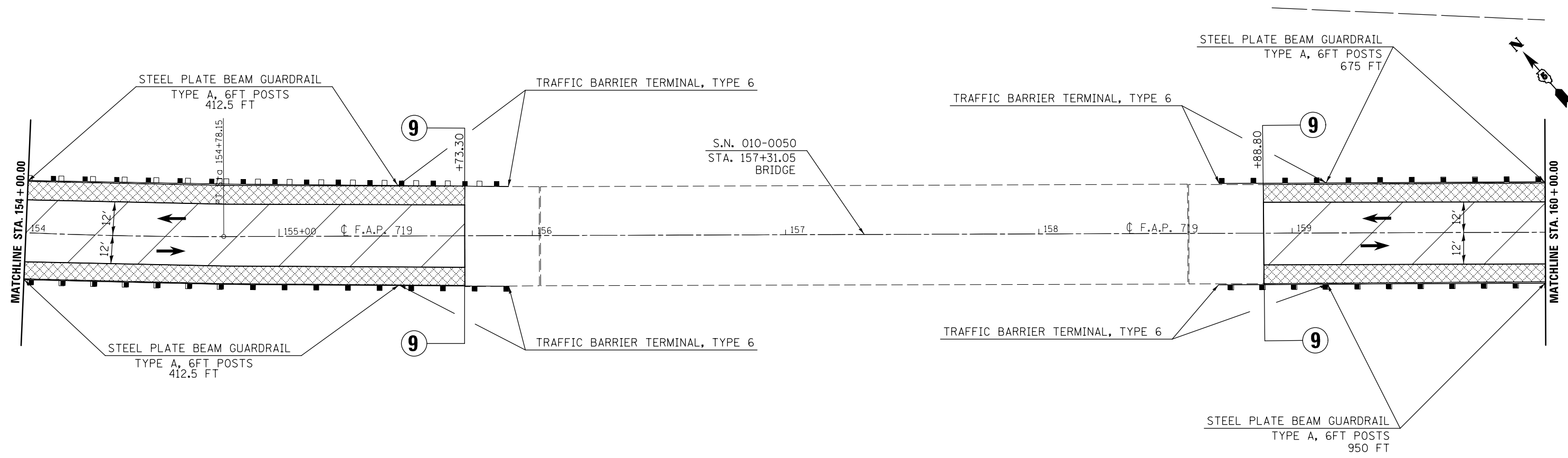
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150 PLAN SHEET**

SCALE: 1:20 SHEET 22 OF 26 SHEETS STA. 142+00.00 TO STA. 154+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	61
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



- LEGEND**
- HMA SURFACE REMOVAL, 1/2"
  - HMA SURFACE REMOVAL - BUTT JOINT
  - BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

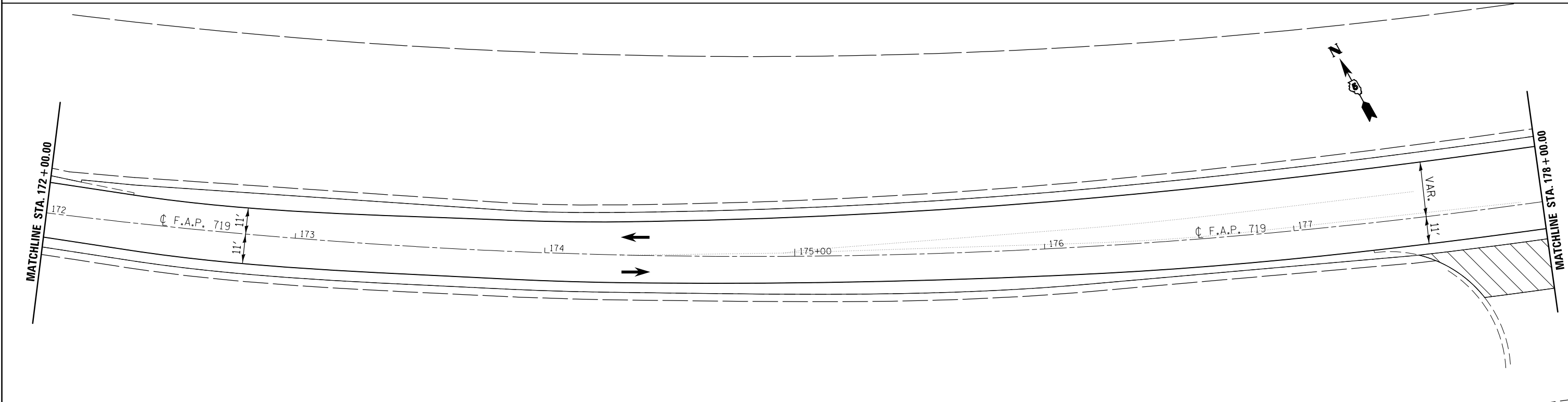
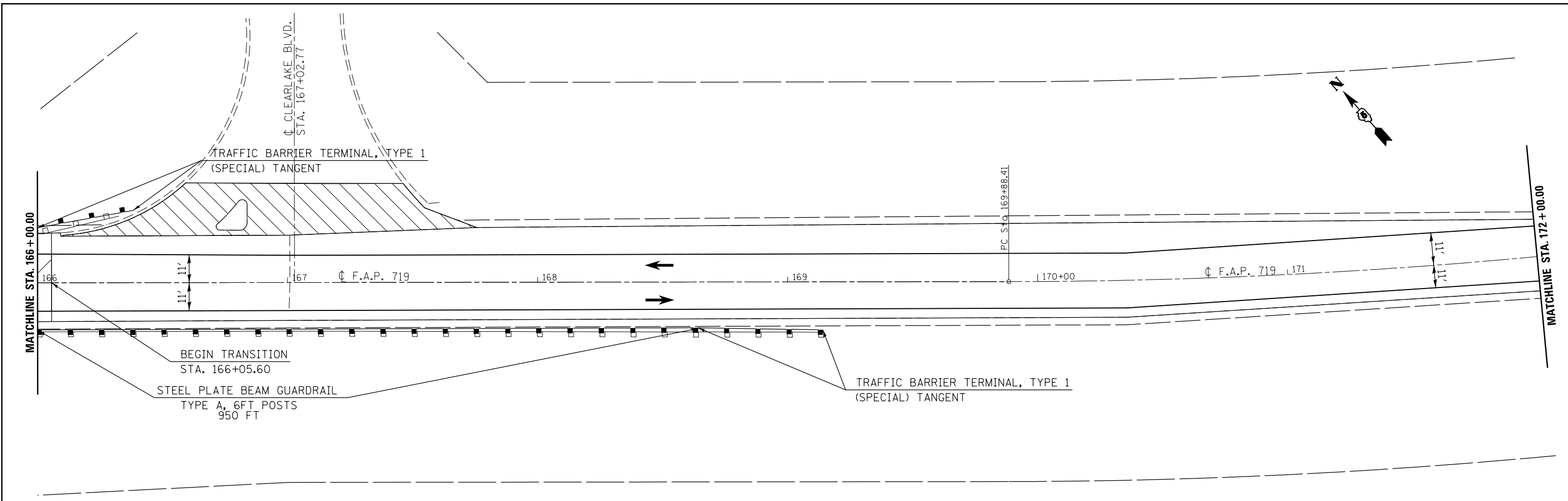
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150 PLAN SHEET**

SCALE: 1:20 SHEET 23 OF 26 SHEETS STA. 154+00.00 TO STA. 166+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	62
			CONTRACT NO. 70702	
ILLINOIS FED. AID PROJECT				



LEGEND

- HMA SURFACE REMOVAL, 1/2"
- INCIDENTAL HMA

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
ei:\pw\work\p\dot\bergenej\0254648\0570702-sh1-dblp1n_50.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

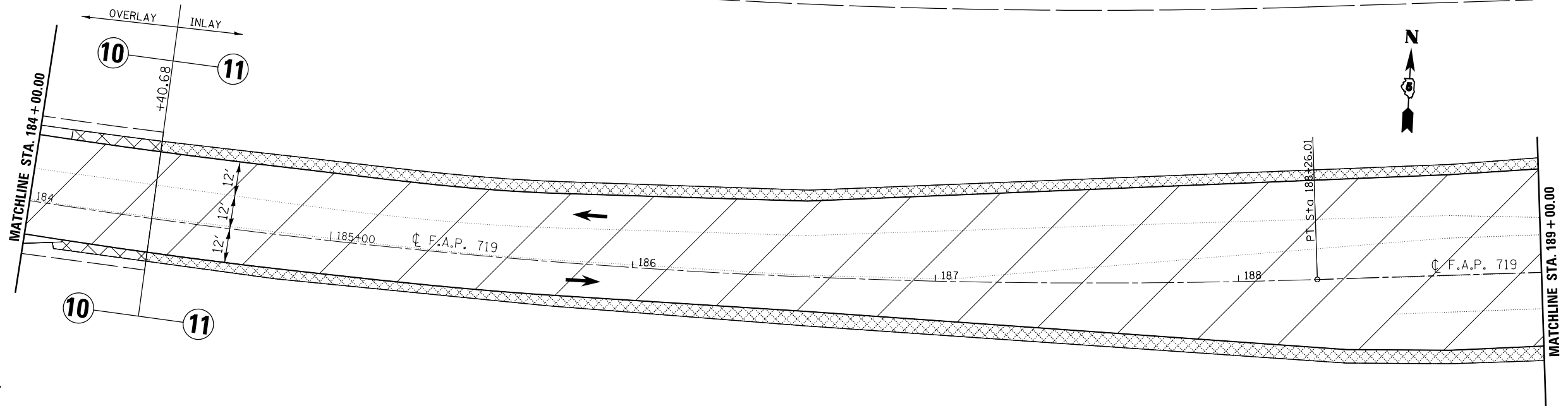
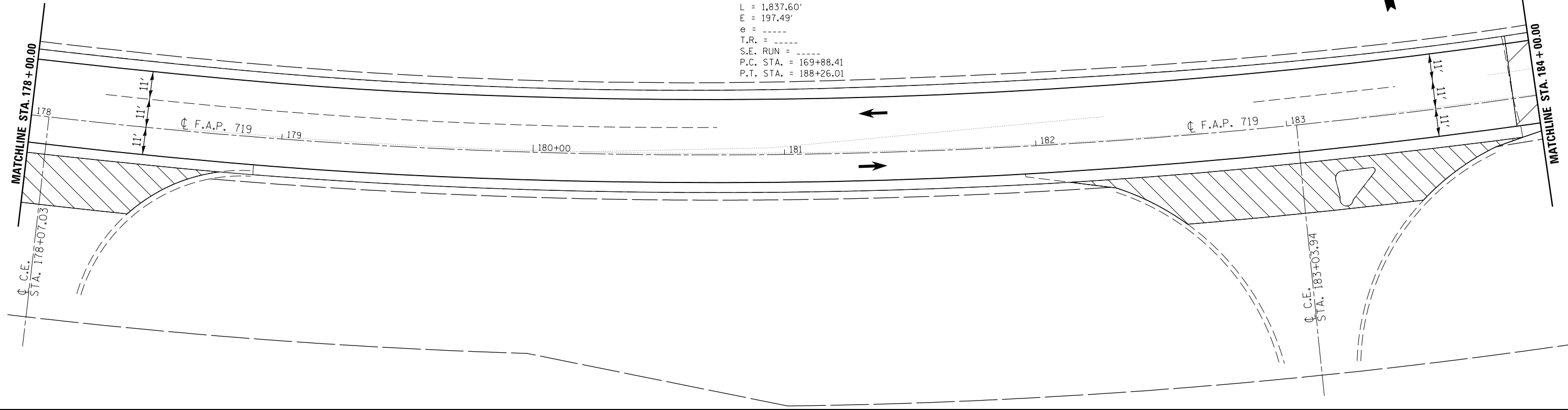
**US 150 PLAN SHEET**

SCALE: 1:20    SHEET 24 OF 26 SHEETS    STA. 166+00.00 TO STA. 178+00.00





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	63
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

EXIST. CURVE CURV154  
 PI STA. = 179+59.88  
 $\Delta = 45^\circ 57' 52''$  (LT)  
 $D = 2^\circ 30' 05''$   
 $R = 2,290.62'$   
 $T = 971.47'$   
 $L = 1,837.60'$   
 $E = 197.49'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 169+88.41$   
 $P.T. \text{ STA.} = 188+26.01$



LEGEND

-  HMA SURFACE REMOVAL, 1/2"
-  HMA SURFACE REMOVAL - BUTT JOINT
-  INCIDENTAL HMA
-  BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
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*MODELNAME*	PLOT DATE = 1/27/2015	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

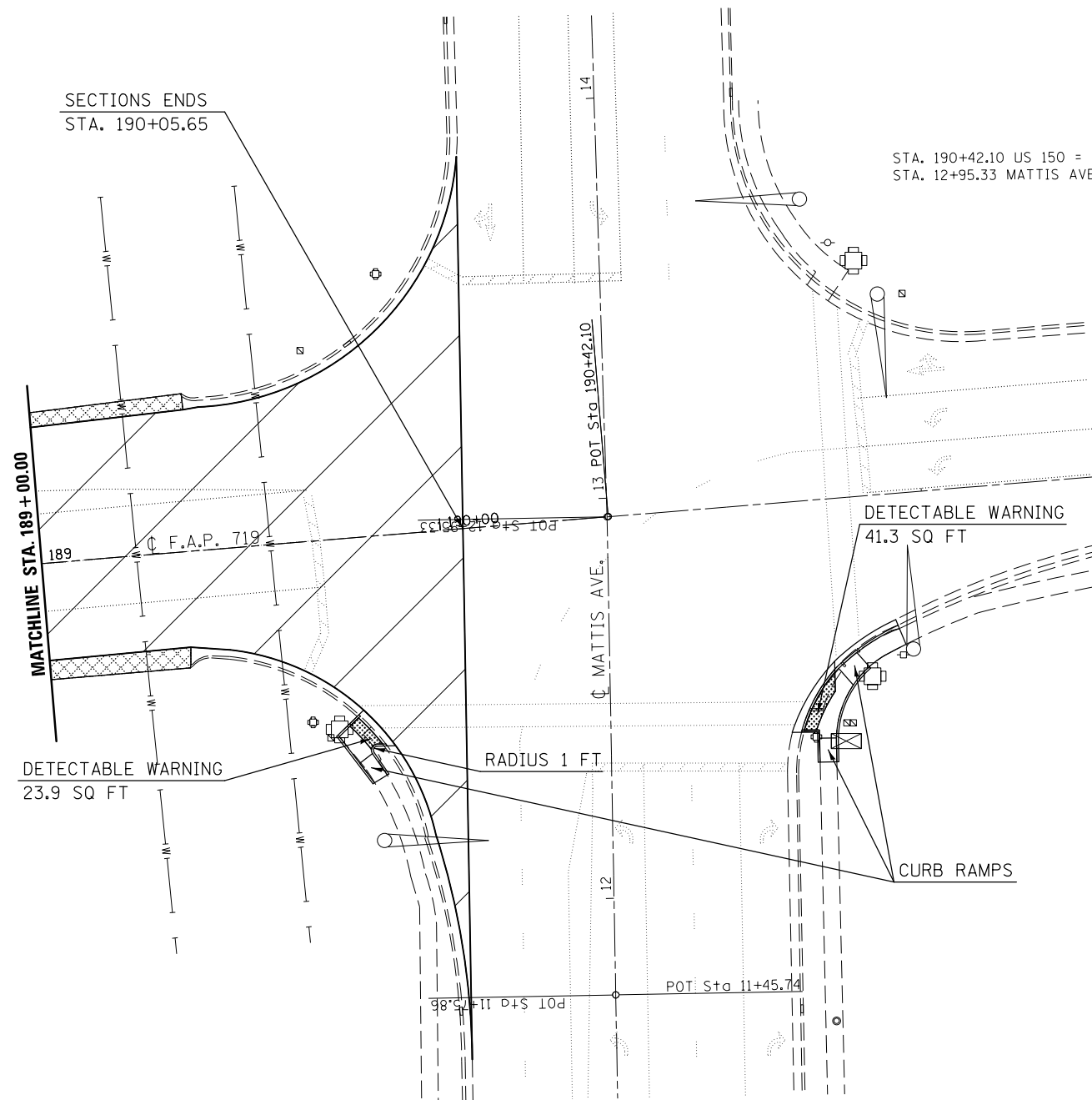
US 150 PLAN SHEET

SCALE: 1:20 SHEET 25 OF 26 SHEETS STA. 178+00.00 TO STA. 189+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	64
			CONTRACT NO. 70702	
ILLINOIS FED. AID PROJECT				

\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65





LEGEND

HMA SURFACE REMOVAL, 1/2"

BITUMINOUS MATERIALS (PRIME COAT), BITUMINOUS MATERIALS (COVER AND SEAL COATS), AND SEAL COAT AGGREGATE

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*MODELNAME*	PLOT DATE = 1/27/2015	DATE -	REVISED -

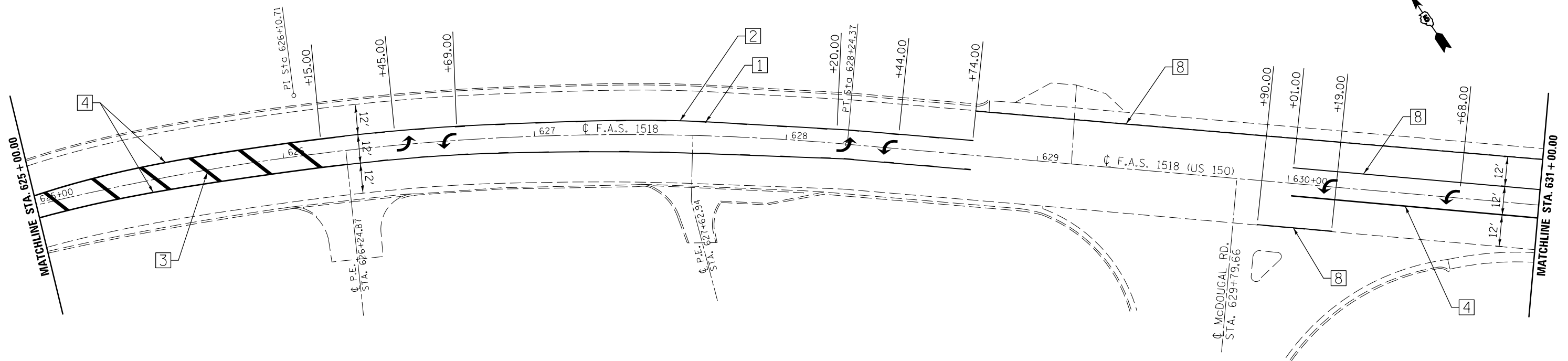
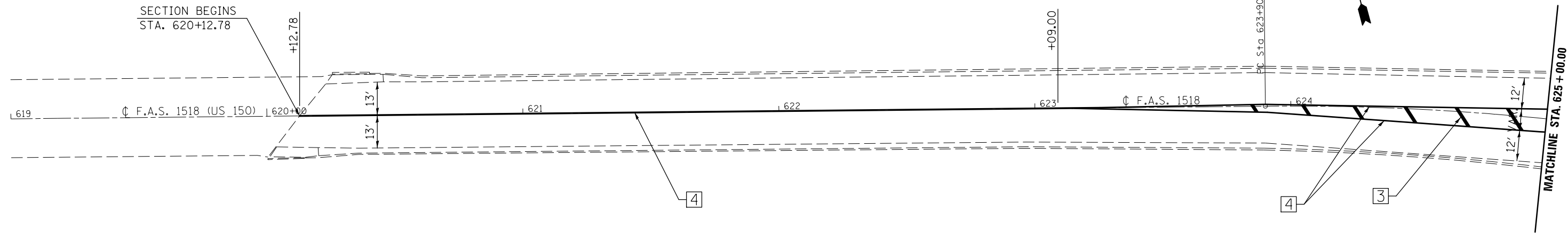
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 150 PLAN SHEET**

SCALE: 1:20 SHEET 26 OF 26 SHEETS STA. 189+00.00 TO STA. 191+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	65
<b>CONTRACT NO. 70702</b>				
<small>ILLINOIS FED. AID PROJECT</small>				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

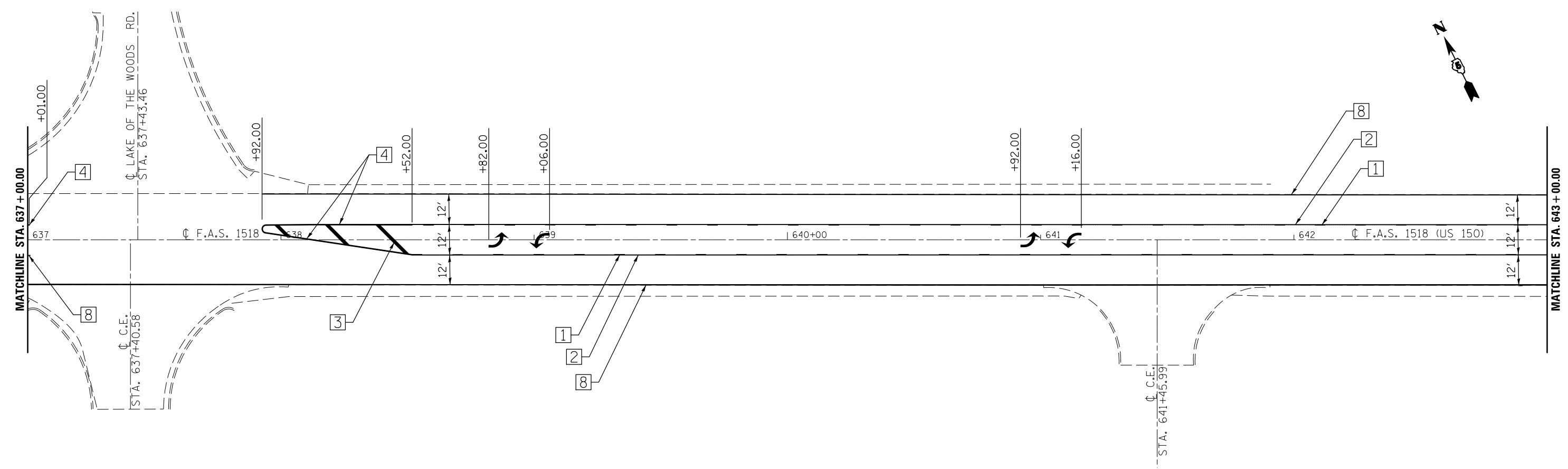
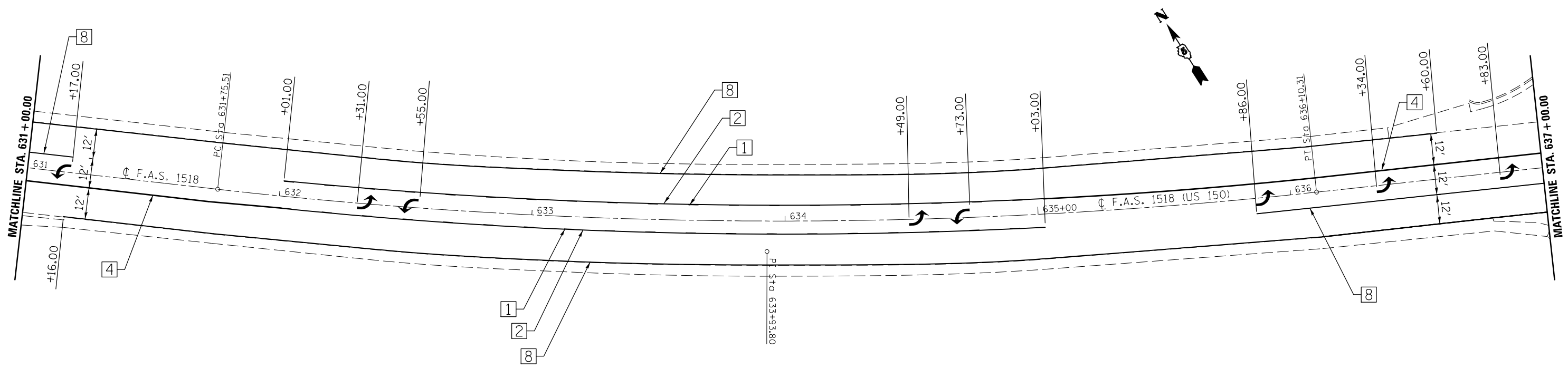
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:20    SHEET 1 OF 26 SHEETS    STA. 619+00.00 TO STA. 631+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	66
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

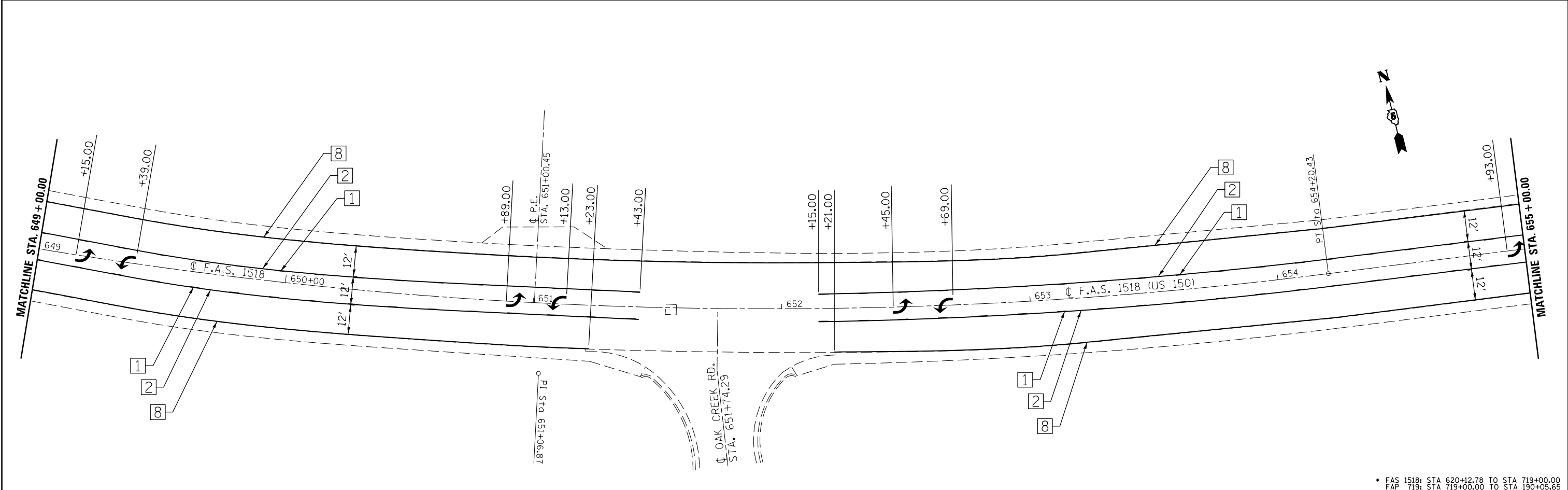
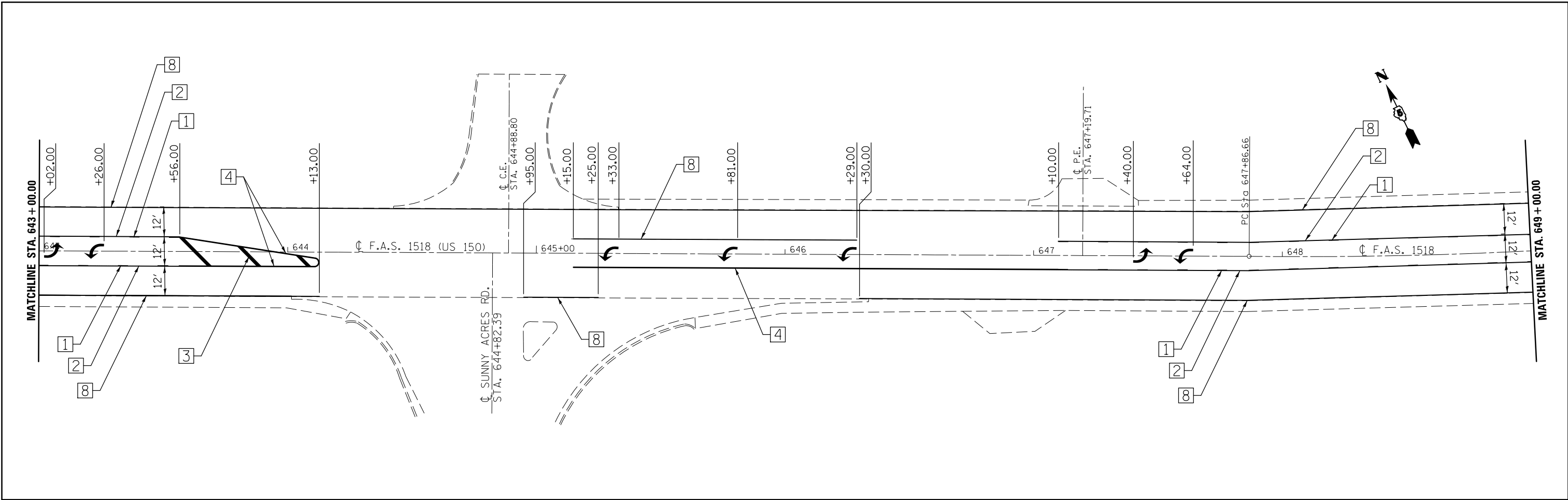
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PLOT SCALE = 48.0000' / in.	PLOT DATE = 1/27/2015	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

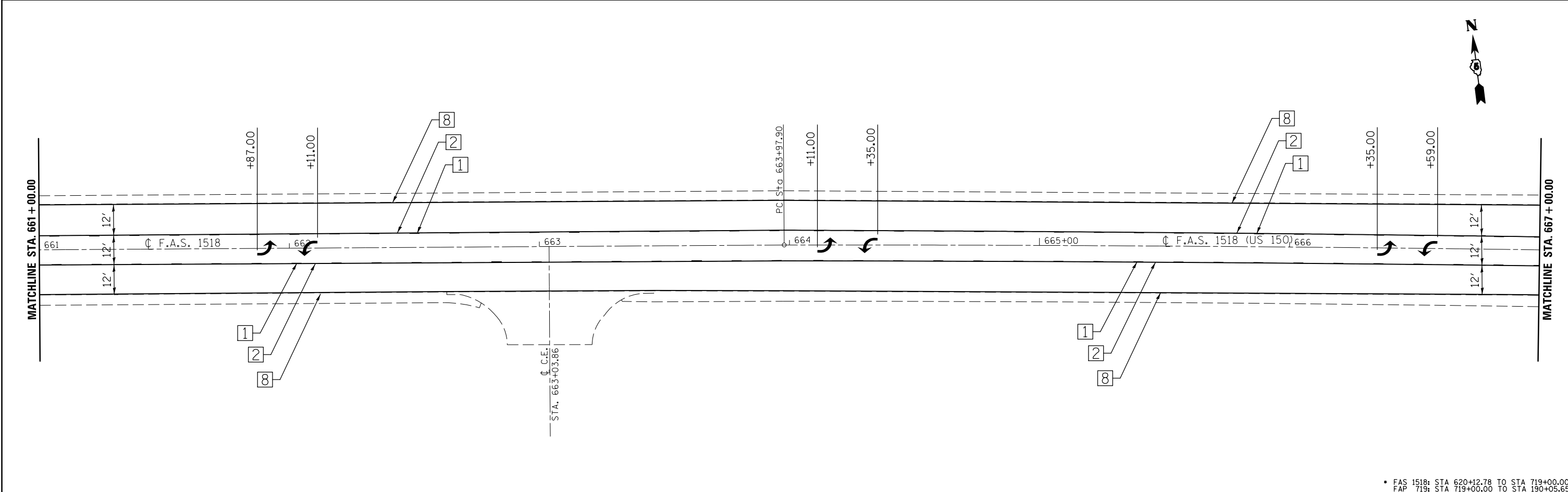
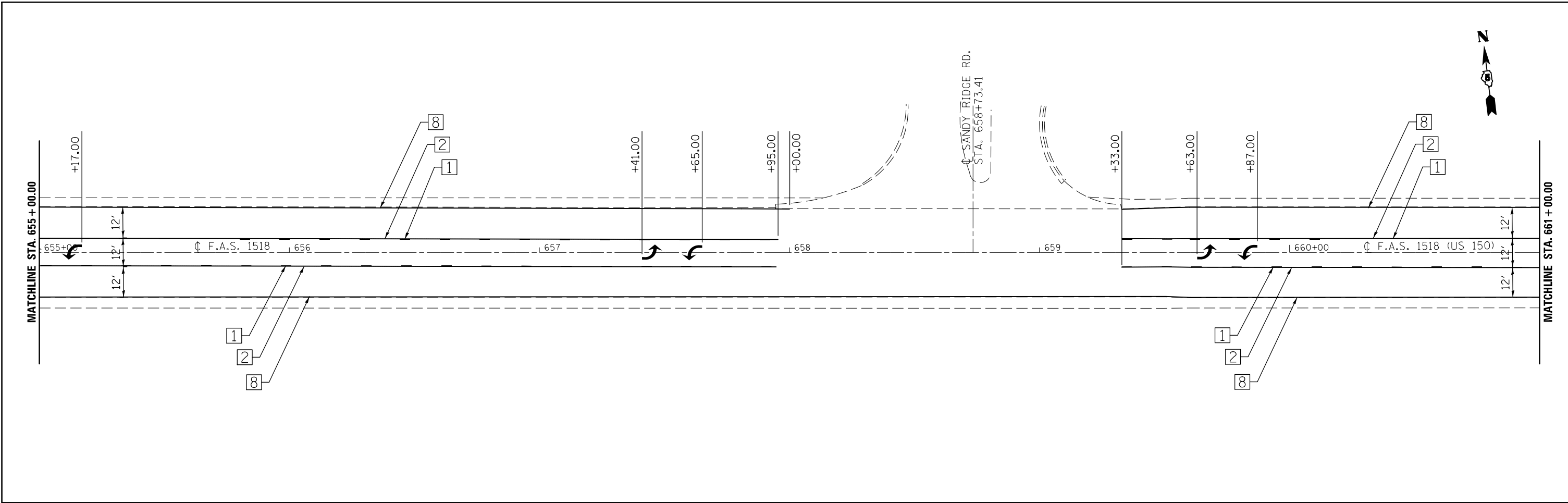
SCALE: 1:20    SHEET 2 OF 26 SHEETS    STA. 631+00.00 TO STA. 643+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	67
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 150 PAVEMENT MARKING PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pwork\pwork\bergenej\0254648\0570702-sh1-pmk1.dgn		DRAWN -	REVISED -		SCALE: 1:20	SHEET 3 OF 26 SHEETS	STA. 643+00.00 TO STA. 655+00.00	•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	68	
		CHECKED -	REVISED -										CONTRACT NO. 70702
		DATE -	REVISED -										ILLINOIS FED. AID PROJECT

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

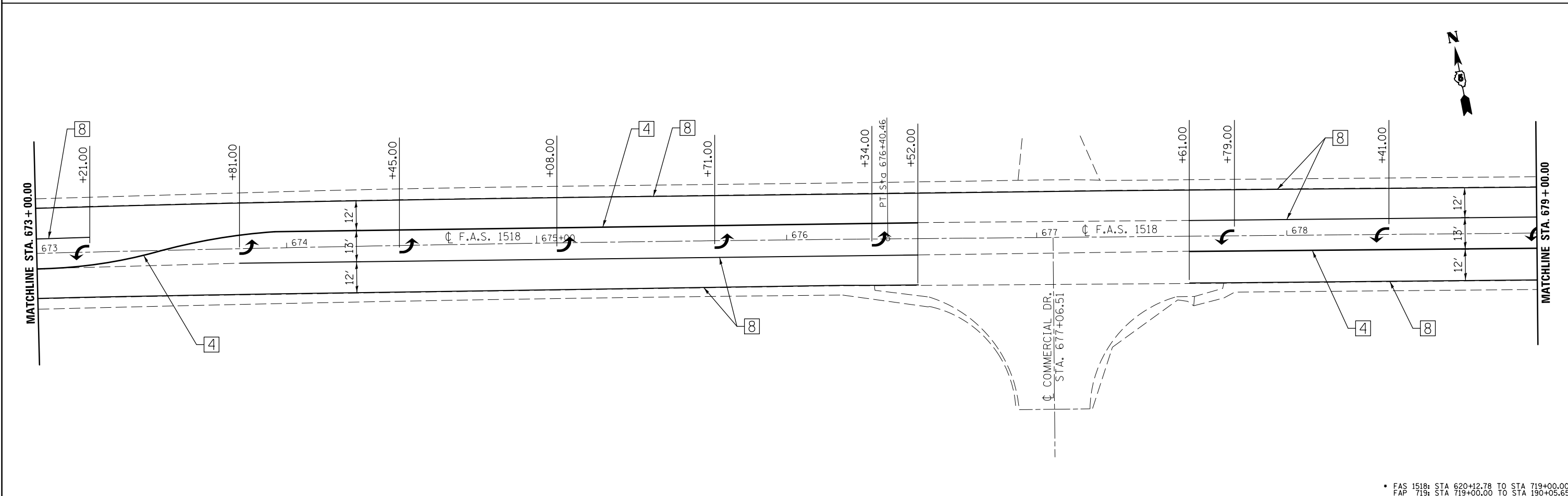
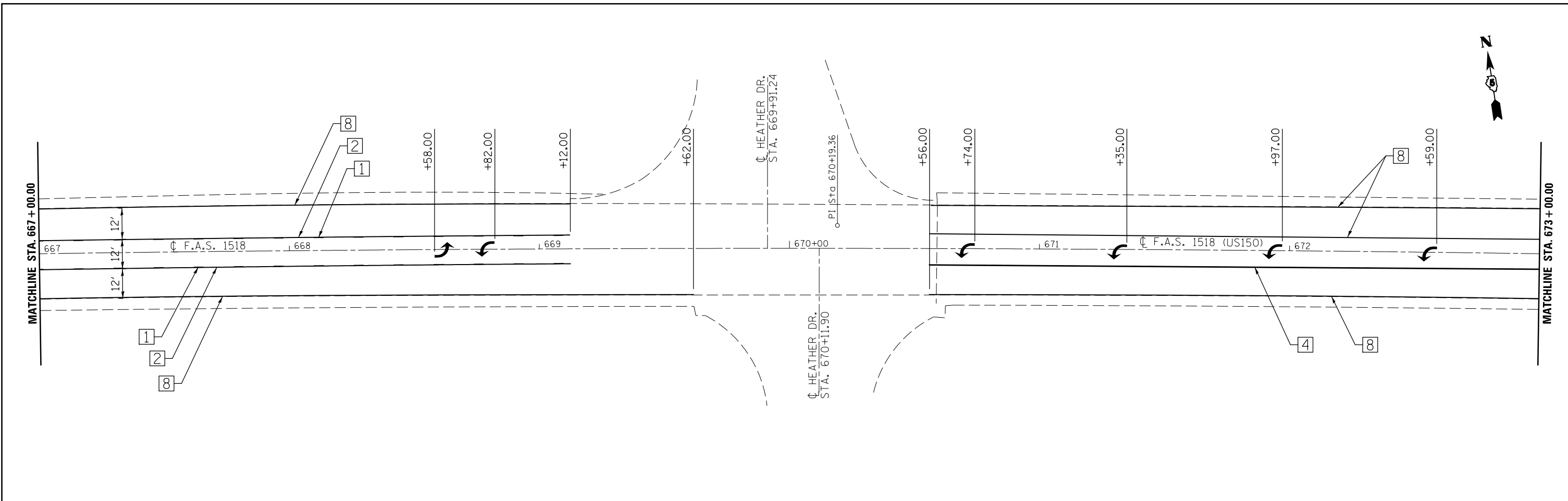
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	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:20    SHEET 4 OF 26 SHEETS    STA. 655+00.00 TO STA. 667+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	69
				CONTRACT NO. 70702
ILLINOIS FED. AID PROJECT				



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

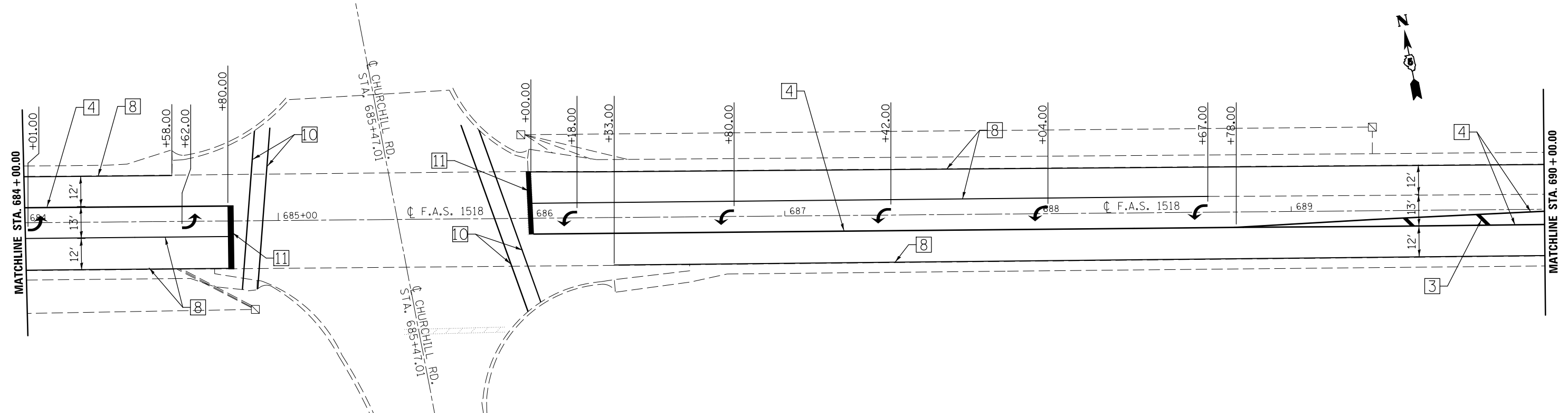
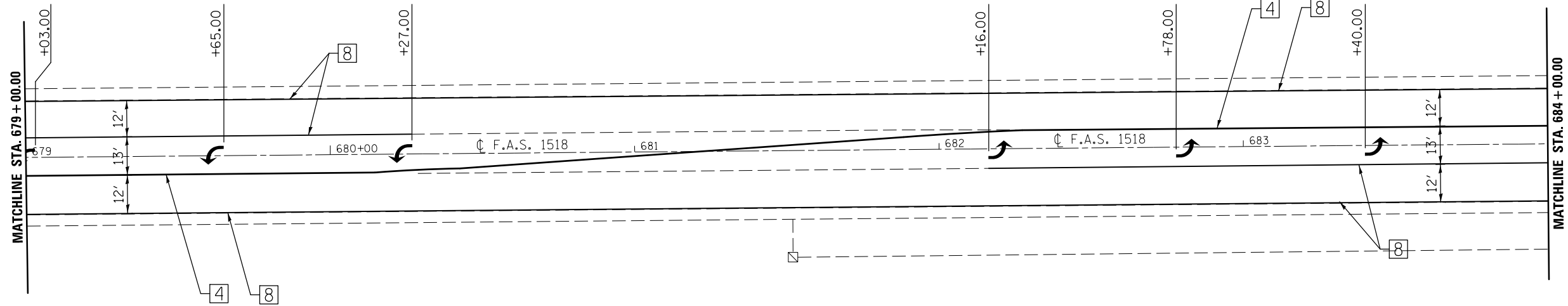
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	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:20    SHEET 5 OF 26 SHEETS    STA. 667+00.00 TO STA. 679+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	70
			CONTRACT NO. 70702	
ILLINOIS FED. AID PROJECT				



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

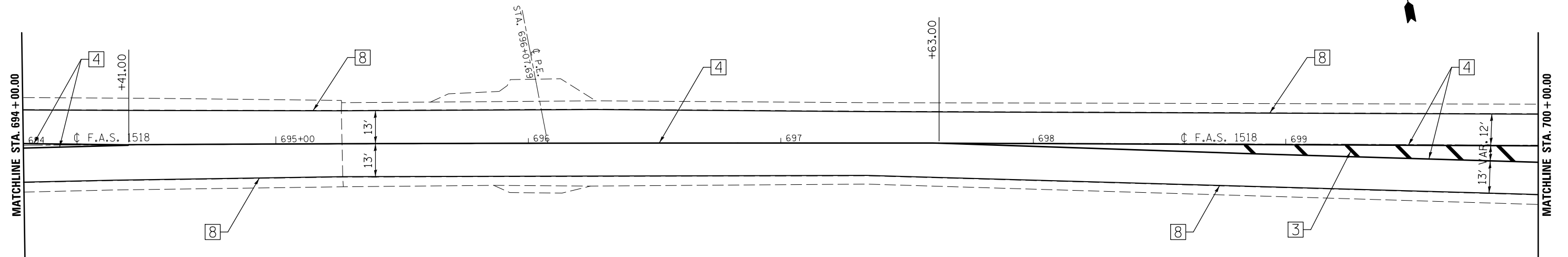
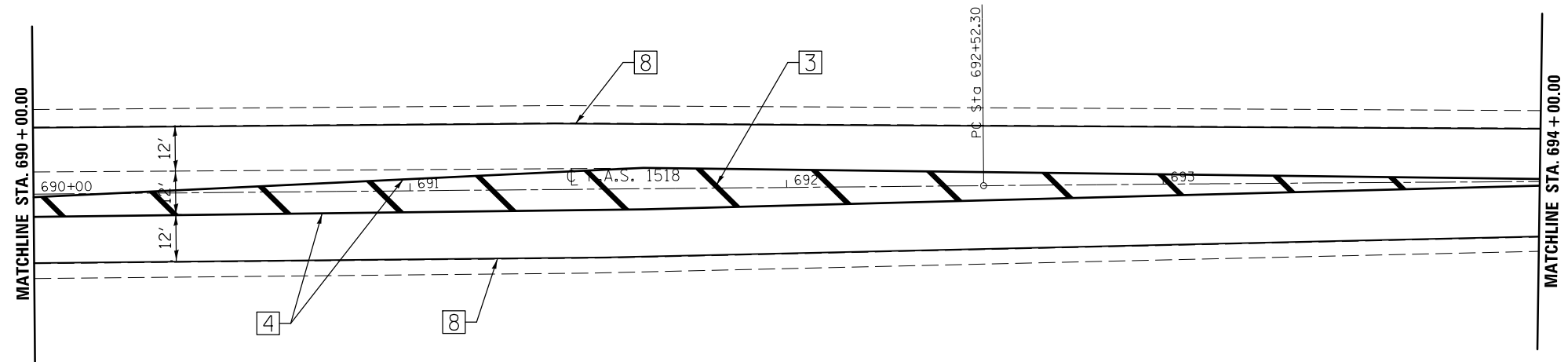
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	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:20    SHEET 6 OF 26 SHEETS    STA. 679+00.00 TO STA. 690+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	71
				CONTRACT NO. 70702
ILLINOIS FED. AID PROJECT				



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

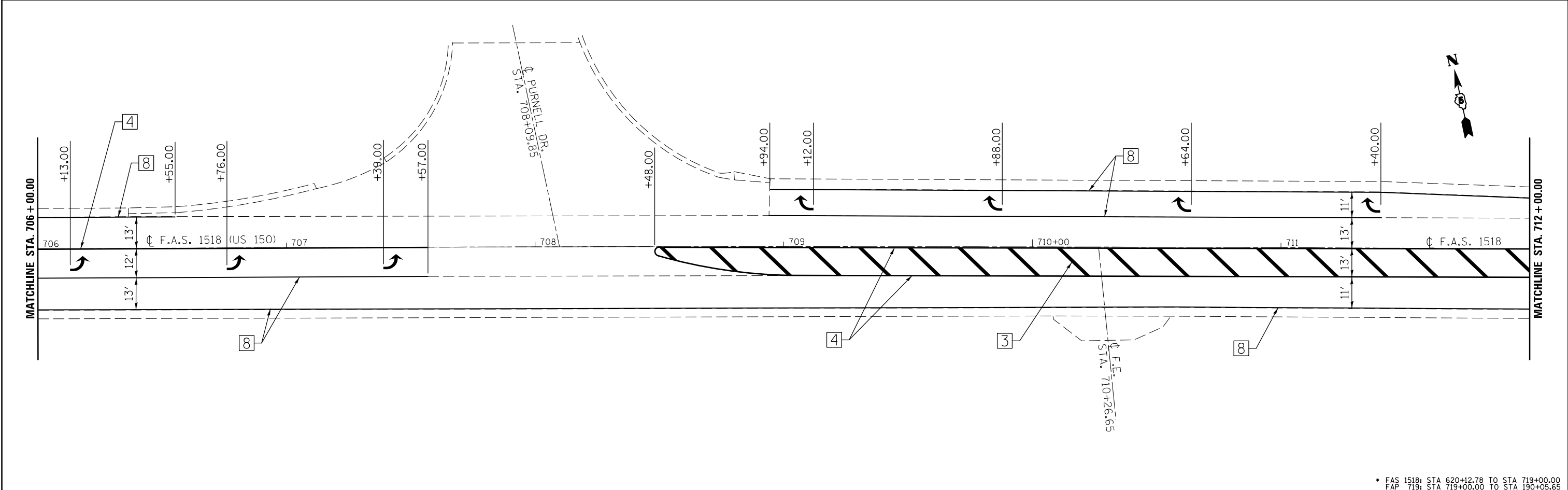
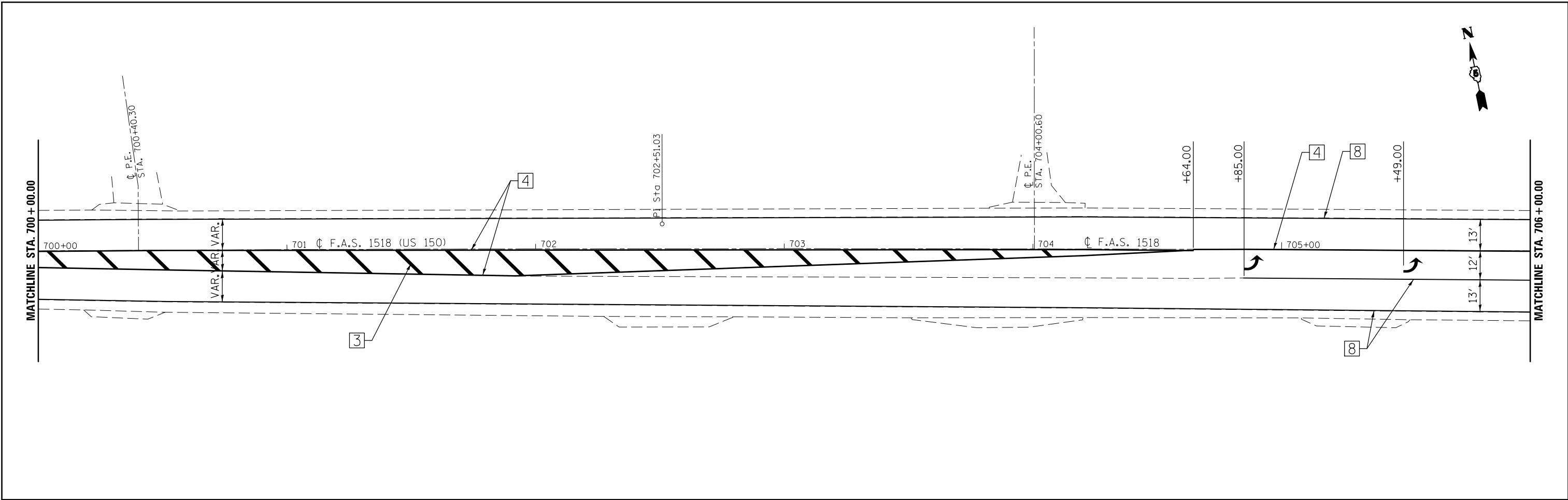
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:20    SHEET 7 OF 26 SHEETS    STA. 690+00.00 TO STA. 700+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	72
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	





• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

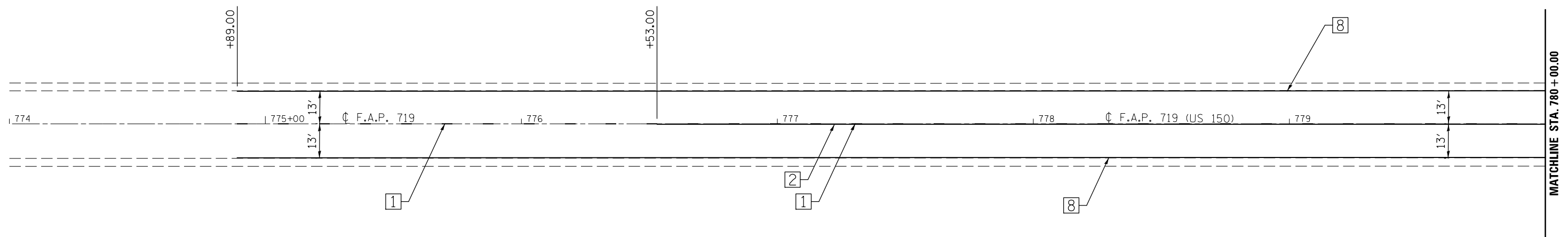
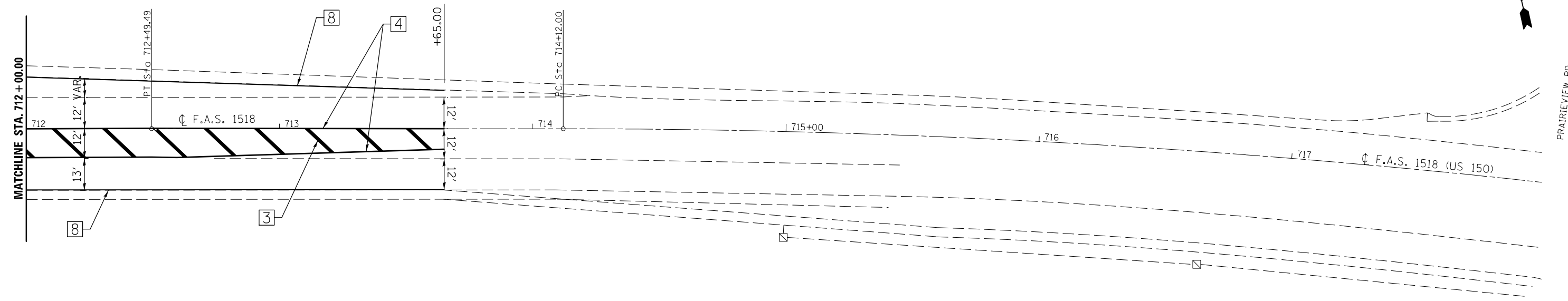
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	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:20    SHEET 8 OF 26 SHEETS    STA. 700+00.00 TO STA. 712+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	73
				CONTRACT NO. 70702
ILLINOIS FED. AID PROJECT				



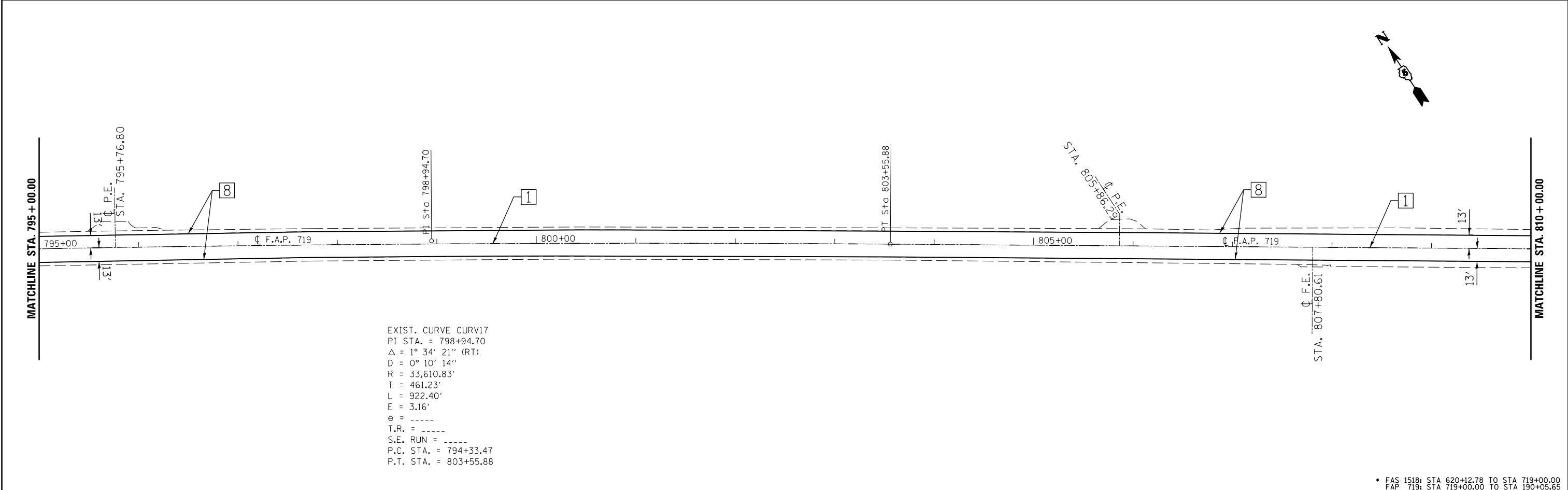
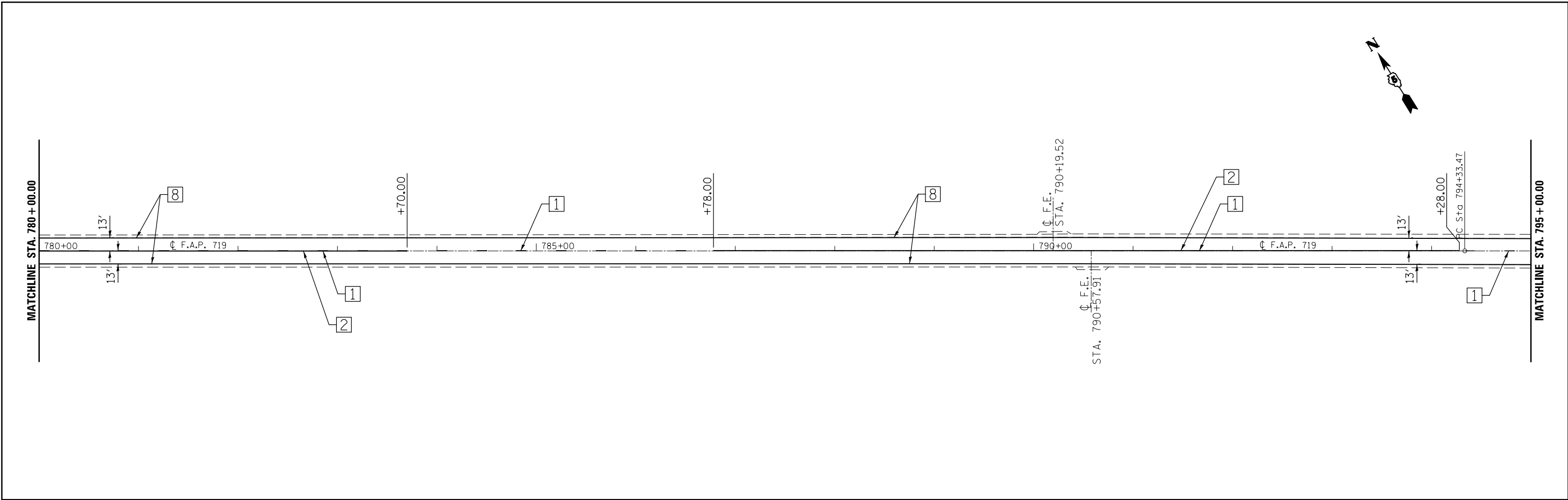
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>US 150 PAVEMENT MARKING PLAN SHEET</b>			
SCALE: 1:20	SHEET 9 OF 26 SHEETS	STA. 712+00.00	TO STA. 780+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	74
				CONTRACT NO. 70702
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CURV17  
 PI STA. = 798+94.70  
 $\Delta = 1^\circ 34' 21''$  (RT)  
 $D = 0^\circ 10' 14''$   
 $R = 33,610.83'$   
 $T = 461.23'$   
 $L = 922.40'$   
 $E = 3.16'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 794+33.47  
 P.T. STA. = 803+55.88

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

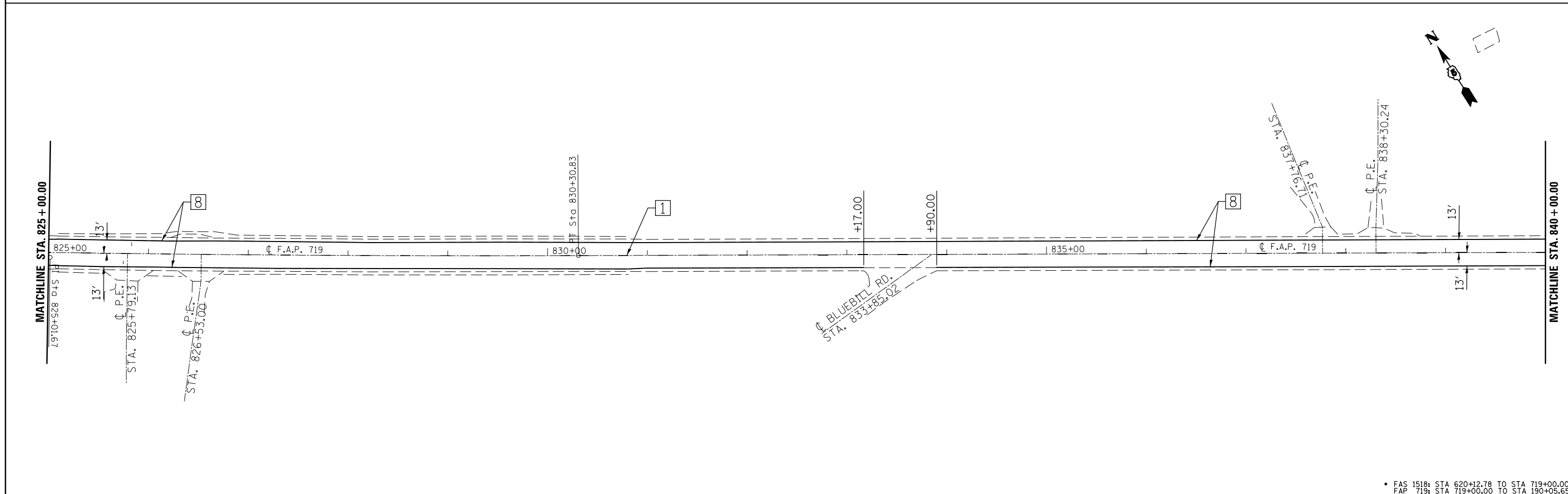
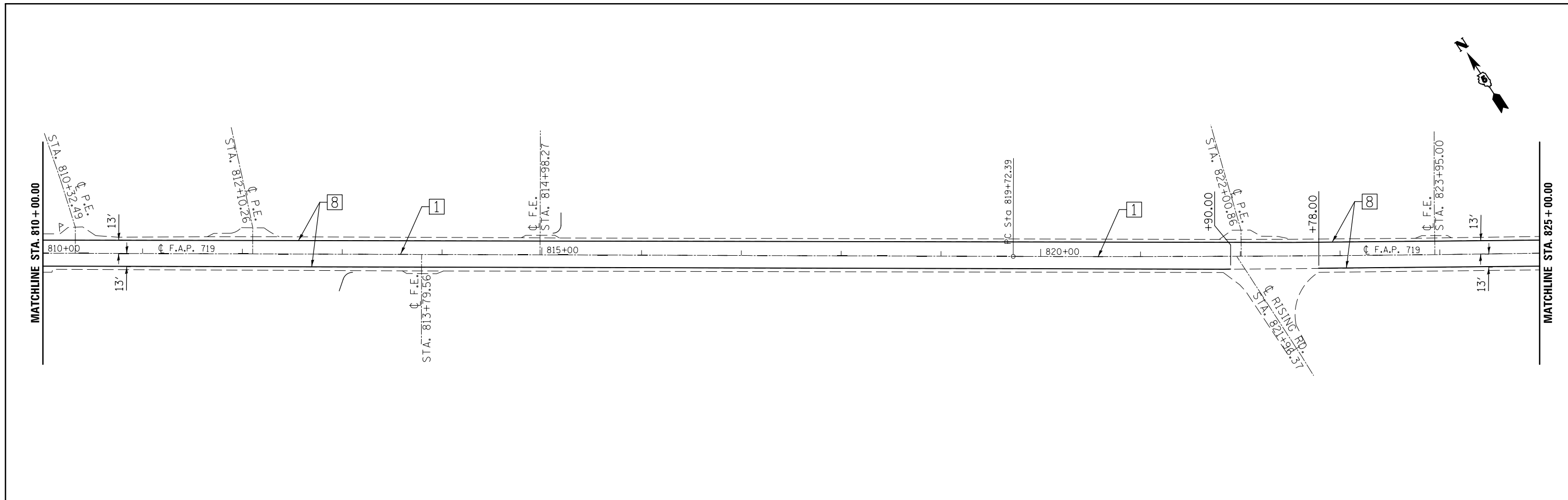
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	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:50    SHEET 10 OF 26 SHEETS    STA. 780+00.00 TO STA. 810+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	75
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

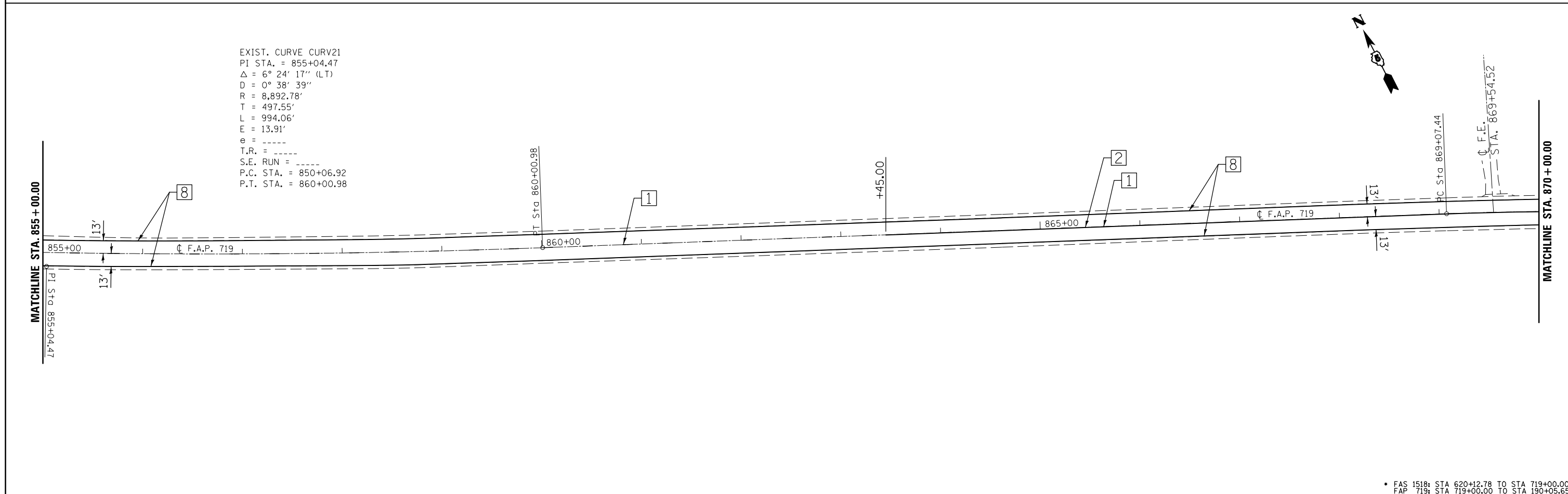
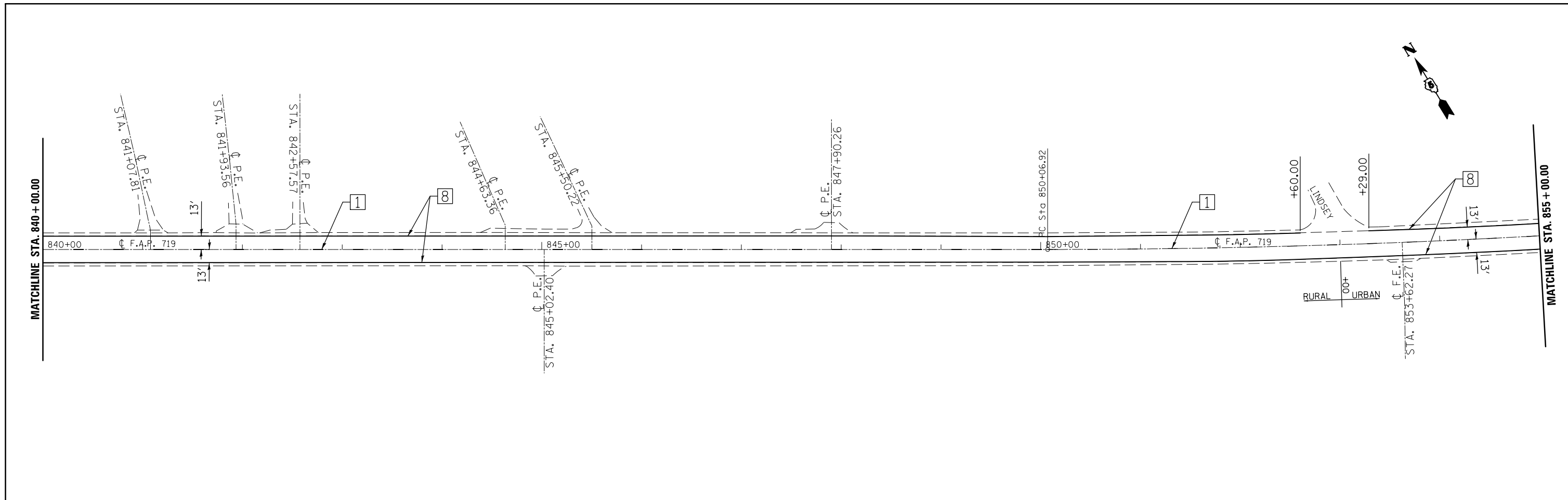
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:50    SHEET 11 OF 26 SHEETS    STA. 810+00.00 TO STA. 840+00.00

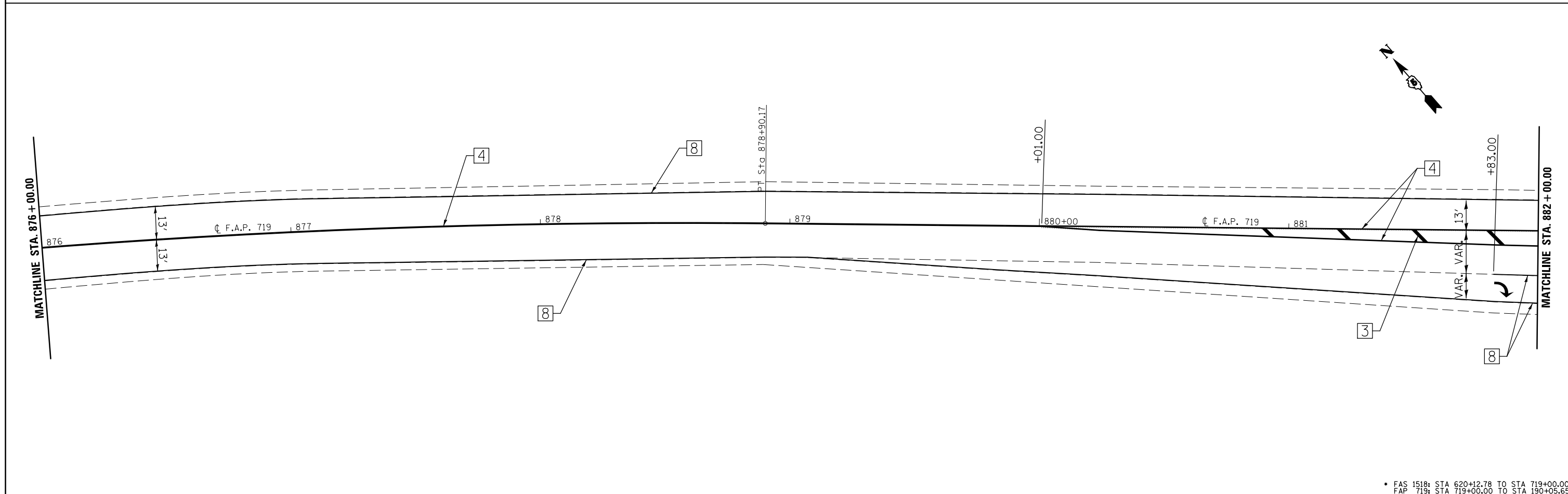
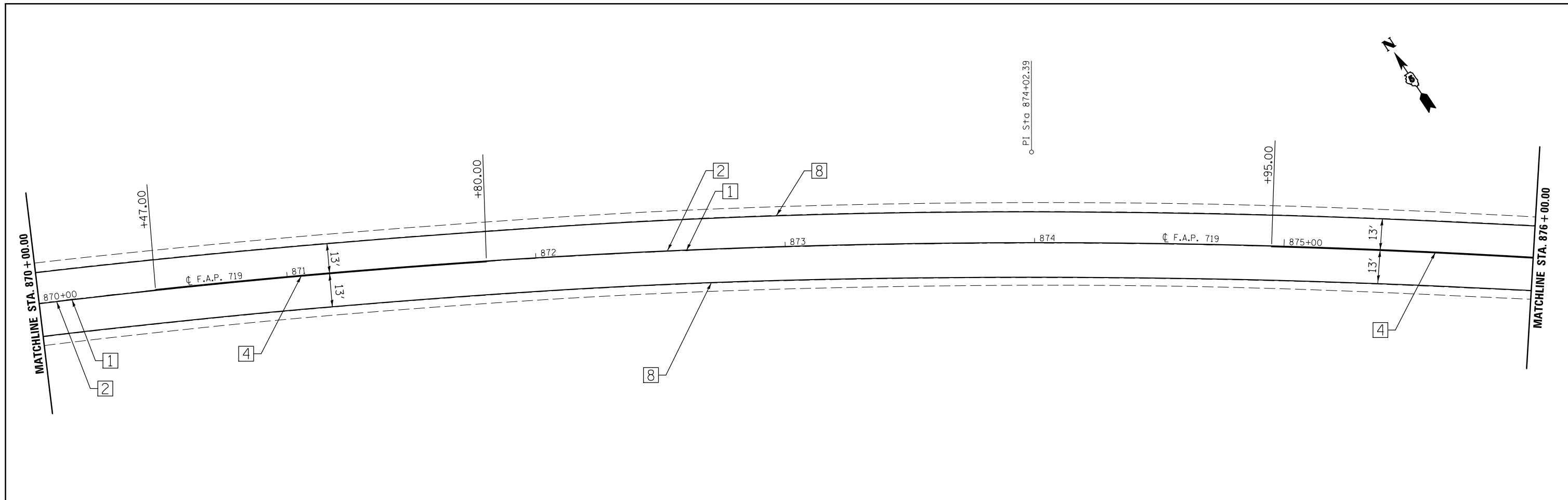
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	76
				CONTRACT NO. 70702
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CURV21  
 PI STA. = 855+04.47  
 $\Delta = 6^\circ 24' 17''$  (LT)  
 $D = 0^\circ 38' 39''$   
 $R = 8,892.78'$   
 $T = 497.55'$   
 $L = 994.06'$   
 $E = 13.91'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 850+06.92$   
 $P.T. STA. = 860+00.98$

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	77
PLOT DATE = 1/27/2015	DATE -	REVISED -	REVISED -	SCALE: 1:50	SHEET 12 OF 26 SHEETS	STA. 840+00.00 TO STA. 870+00.00	CONTRACT NO. 70702					
ILLINOIS FED. AID PROJECT												

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

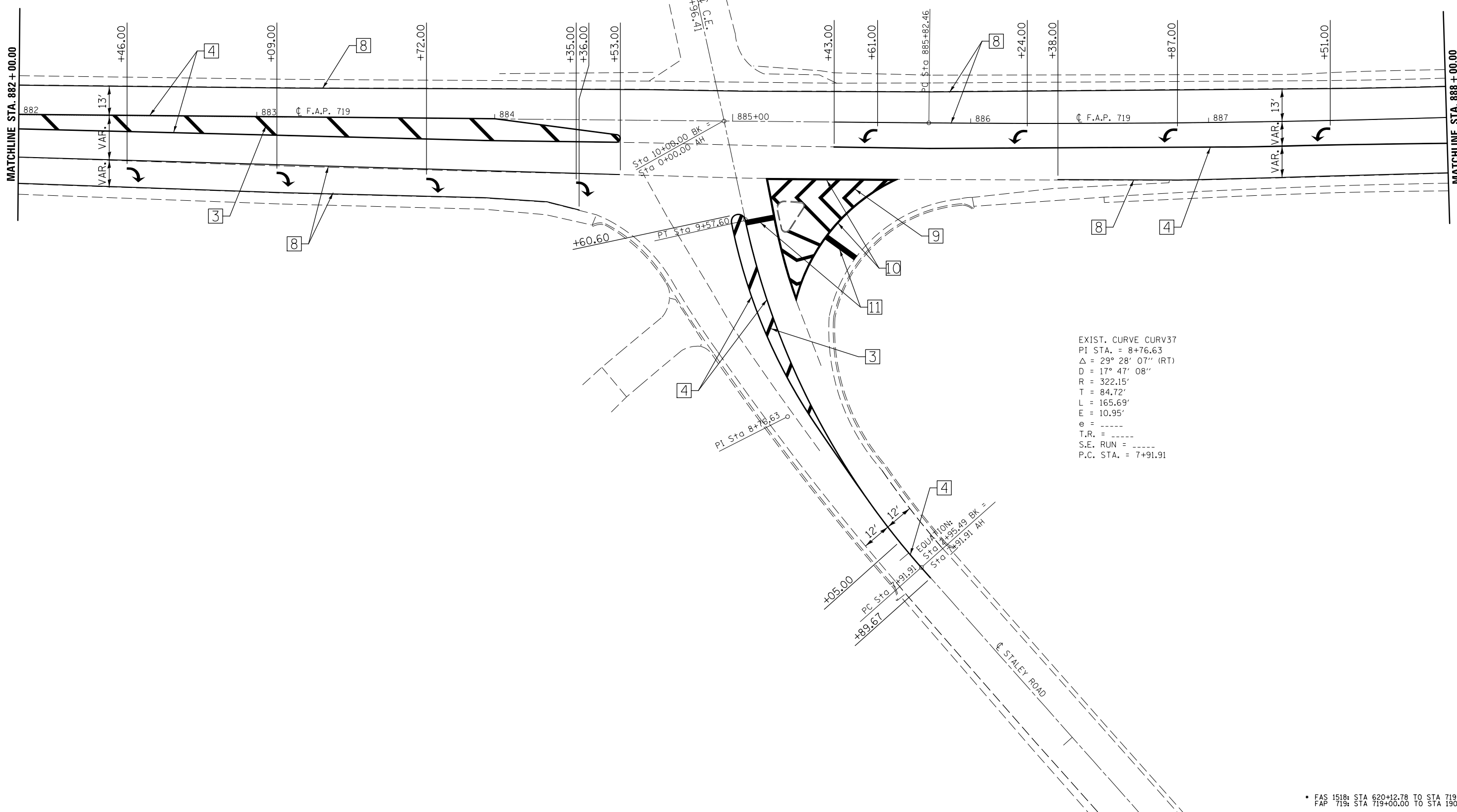
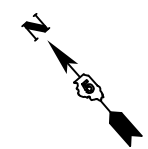
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:20    SHEET 13 OF 26 SHEETS    STA. 870+00.00 TO STA. 882+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	78
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	



EXIST. CURVE CURV37  
 PI STA. = 8+76.63  
 $\Delta = 29^\circ 28' 07''$  (RT)  
 D = 17' 47' 08"  
 R = 322.15'  
 T = 84.72'  
 L = 165.69'  
 E = 10.95'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 7+91.91

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

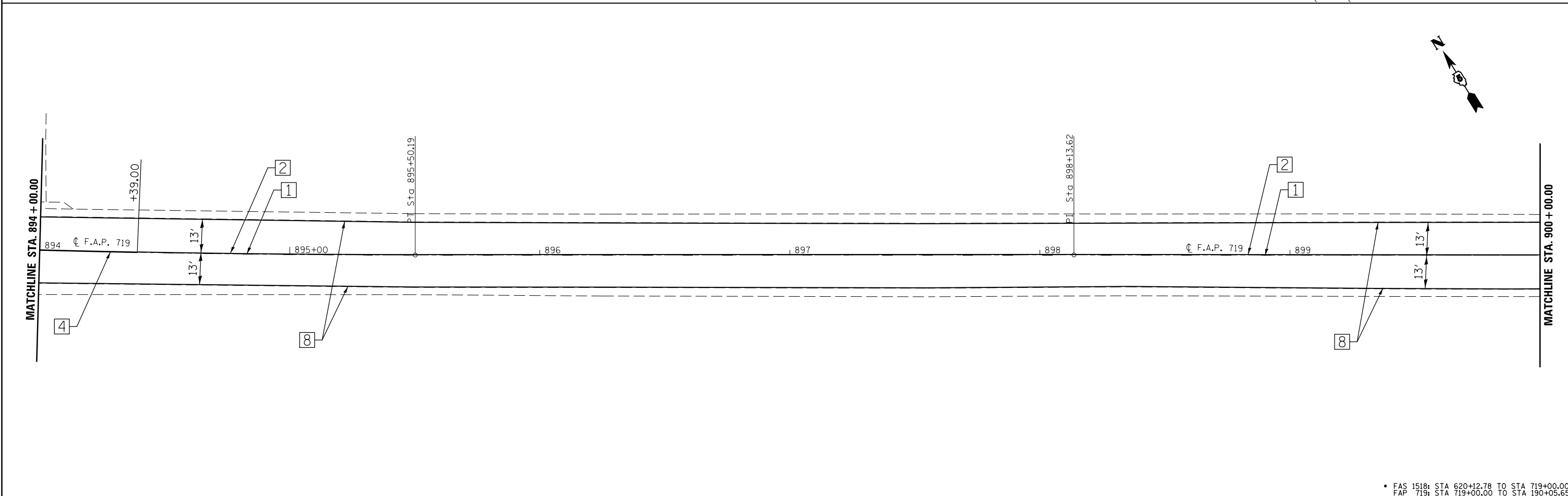
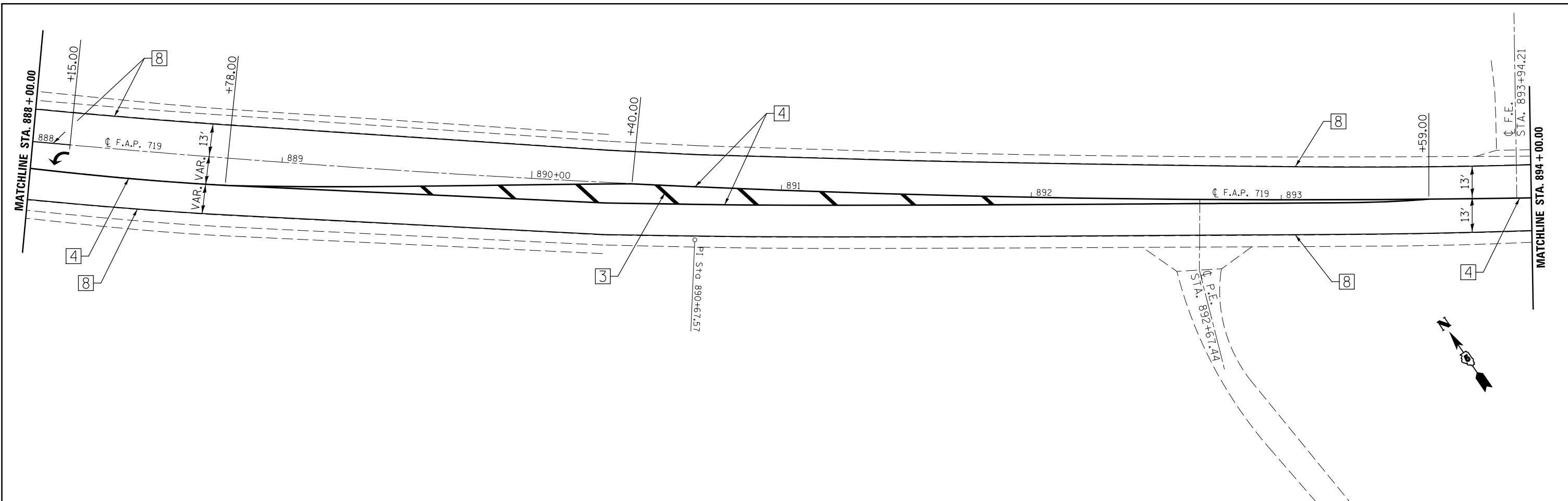
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
*MODELNAME*	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:20    SHEET 14 OF 26 SHEETS    STA. 882+00.00 TO STA. 888+00.00

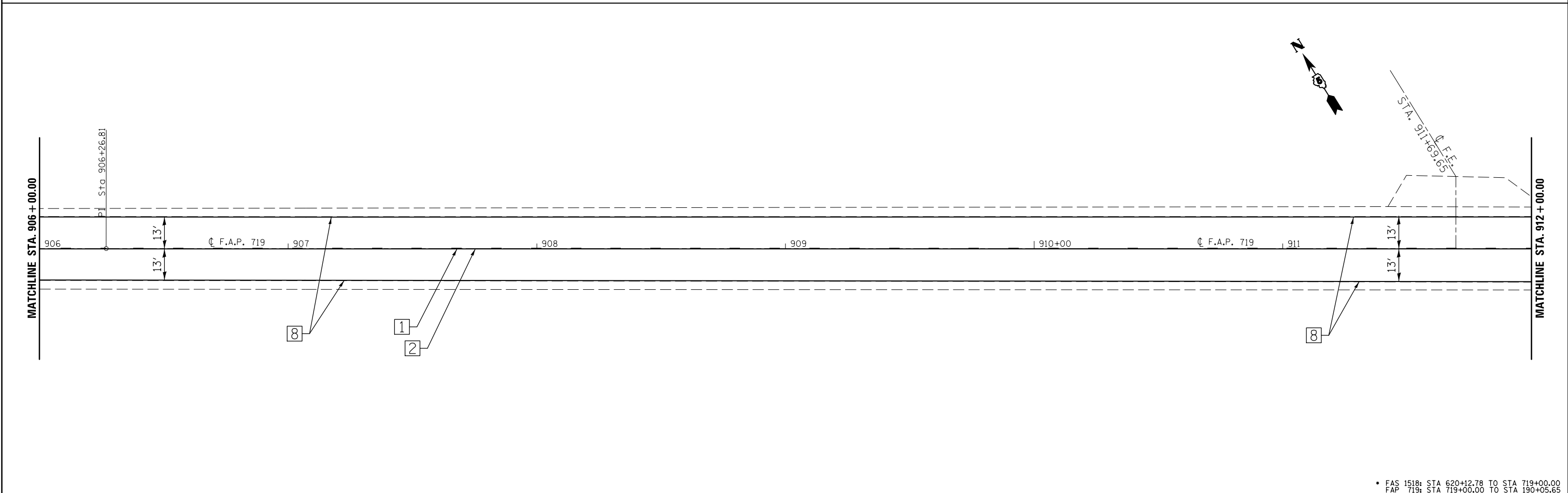
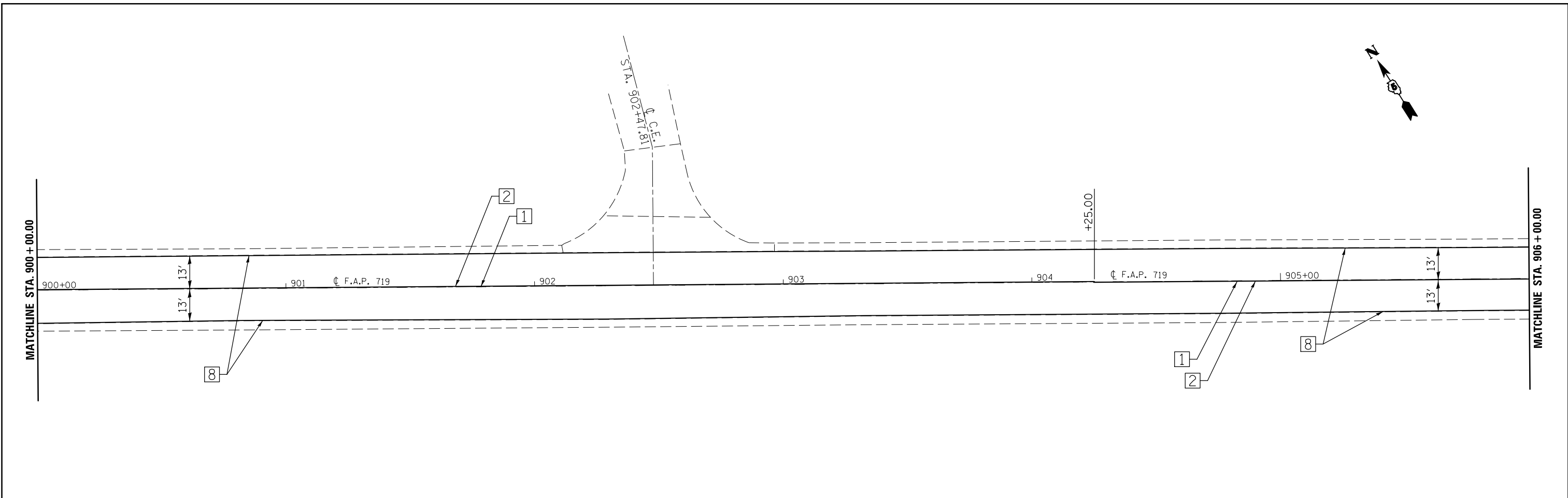
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	79
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = bergena.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 150 PAVEMENT MARKING PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\bergena.j\d0254648\0570702-sh1-pmk2.dgn		DRAWN -	REVISED -		SCALE: 1:20	SHEET 15 OF 26 SHEETS	STA. 888+00.00 TO STA. 900+00.00	•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	80
*MODELNAME#	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 70702				
	PLOT DATE = 1/27/2015	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

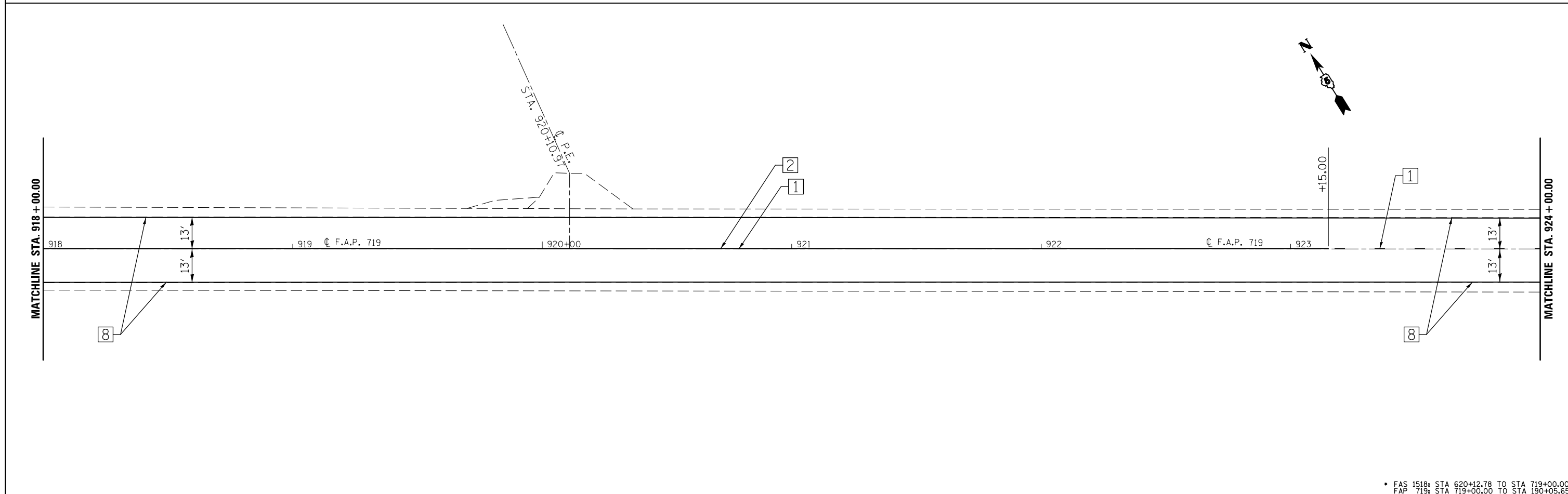
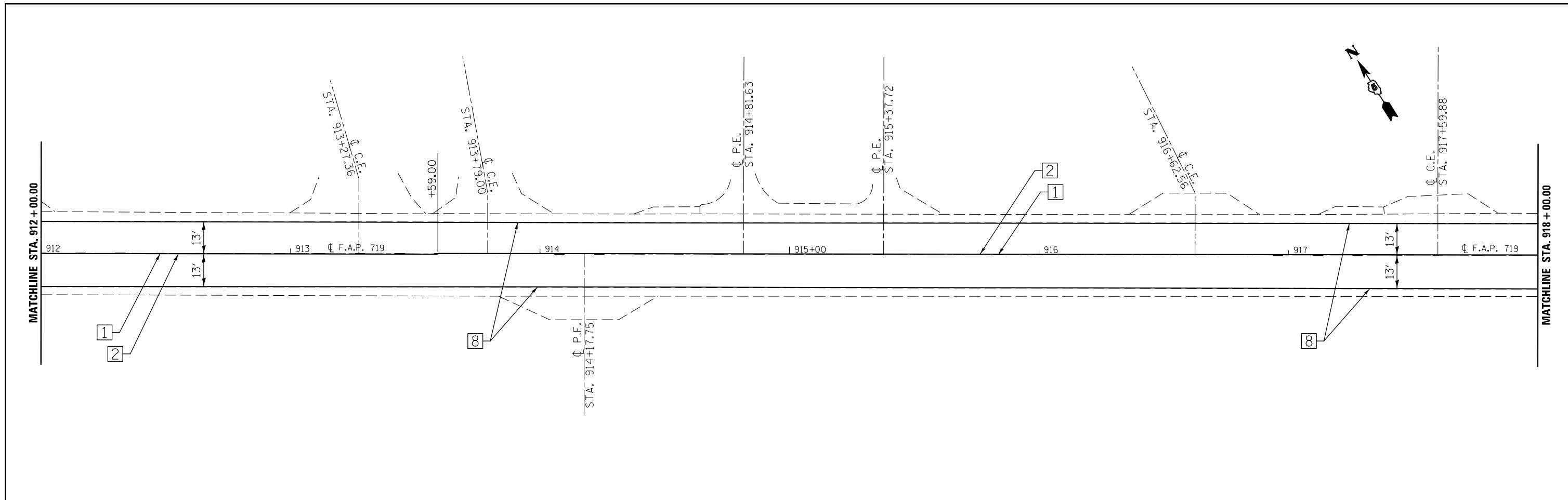
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65





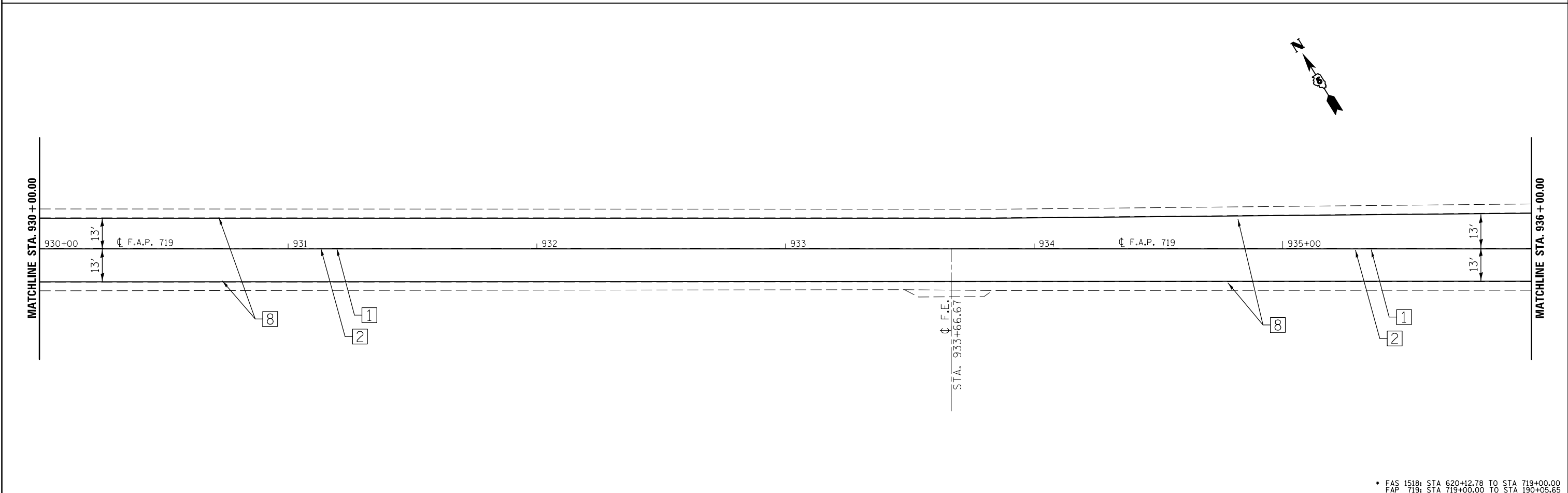
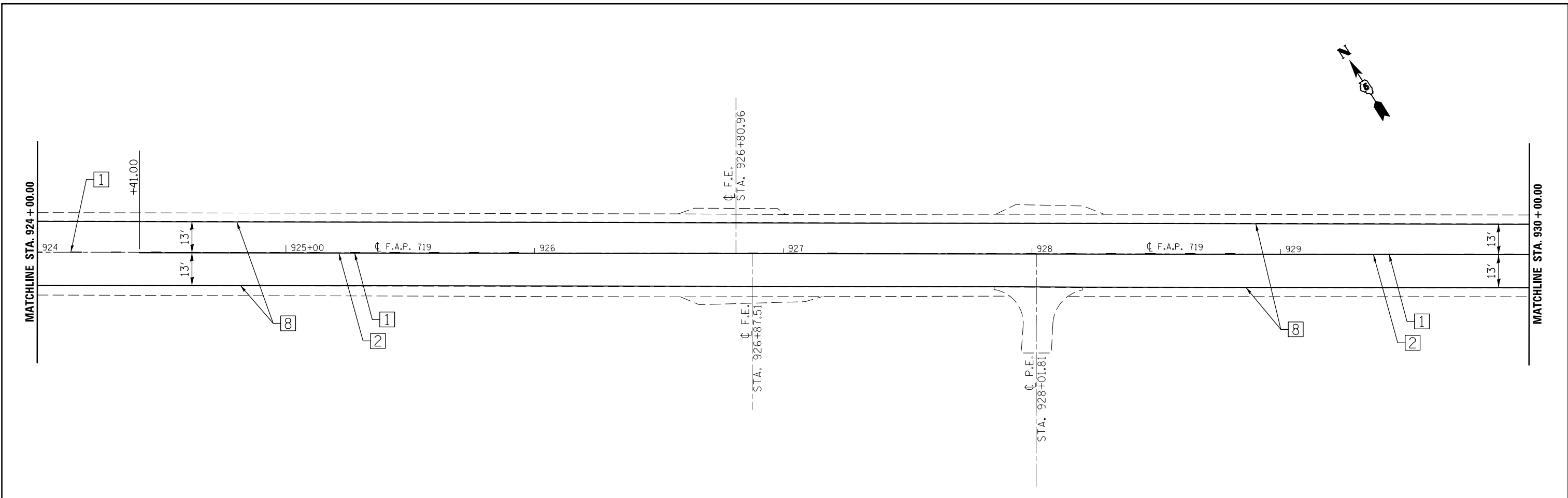
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 1:20	SHEET 16 OF 26 SHEETS	STA. 900+00.00 TO STA. 912+00.00	• 12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	81	
*MODELNAME#	PLOT DATE = 1/27/2015	DATE -	REVISED -		CONTRACT NO. 70702							
ILLINOIS FED. AID PROJECT												

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65



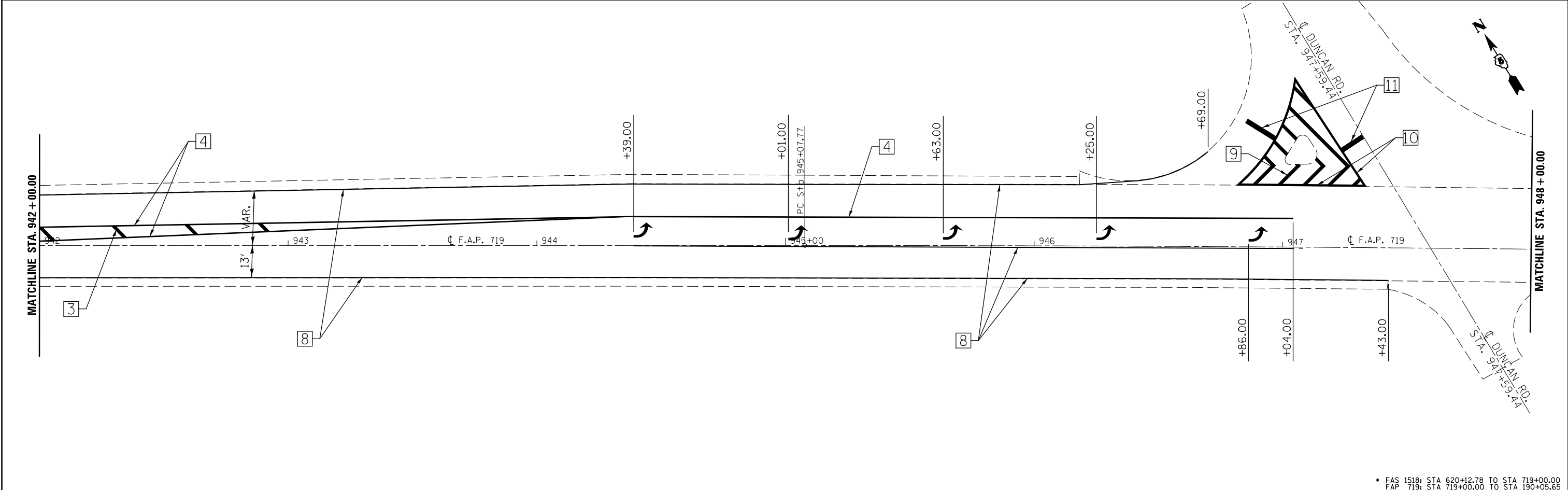
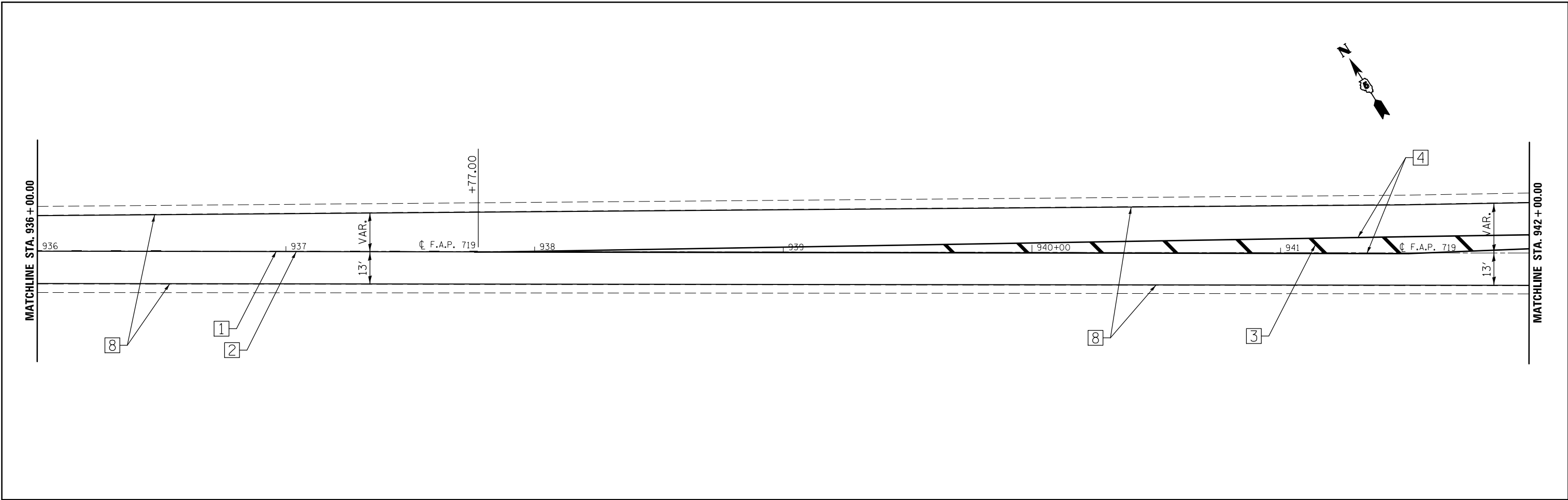
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ci:\pw\work\p\dot\bergena\0254648\0570702-sh1-pmk2.dgn		DRAWN -	REVISED -		SCALE: 1:20	SHEET 17 OF 26 SHEETS	STA. 912+00.00 TO STA. 924+00.00	•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	82
*MODELNAME#	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					<b>CONTRACT NO. 70702</b>				
	PLOT DATE = 1/27/2015	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65



FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 150 PAVEMENT MARKING PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\bergana.j\d0254648\0570702-sh1-pmk2.dgn		DRAWN -	REVISED -		SCALE: 1:20	SHEET 18 OF 26 SHEETS	STA. 924+00.00 TO STA. 936+00.00	•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	83
*MODELNAME#	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70702							
	PLOT DATE = 1/27/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

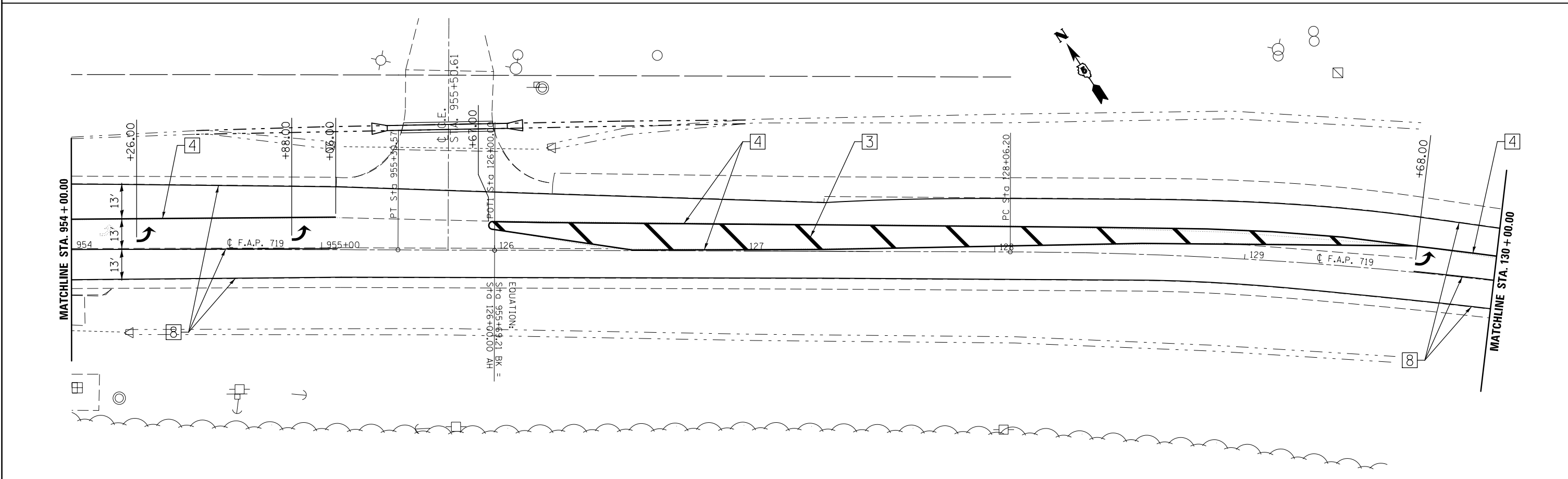
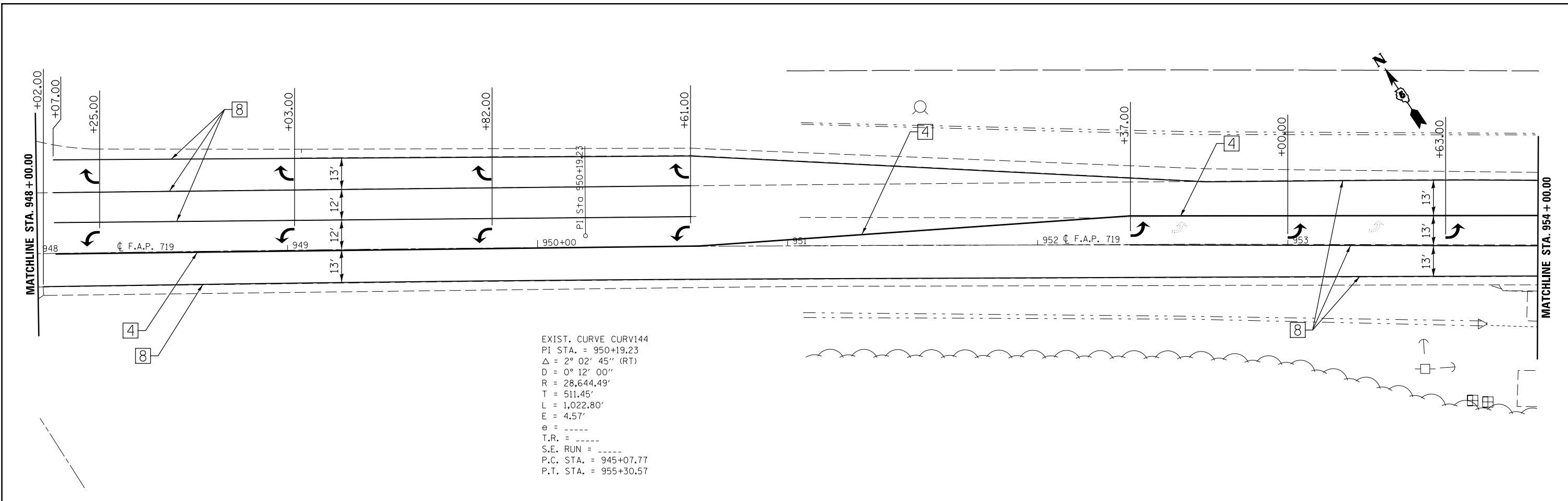
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

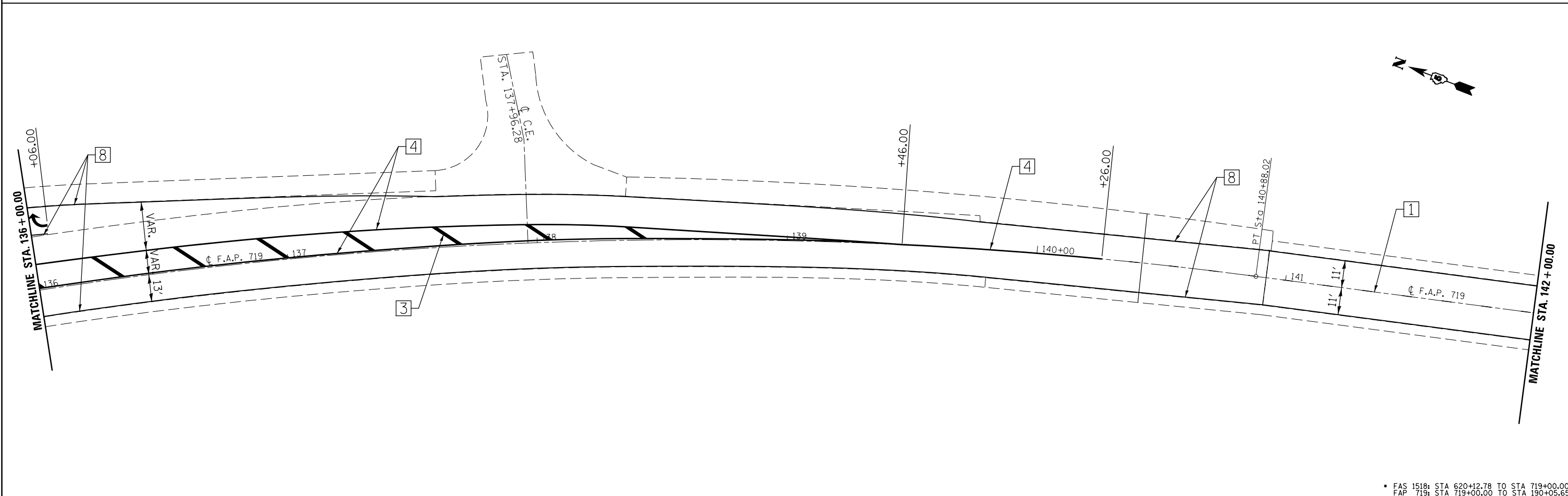
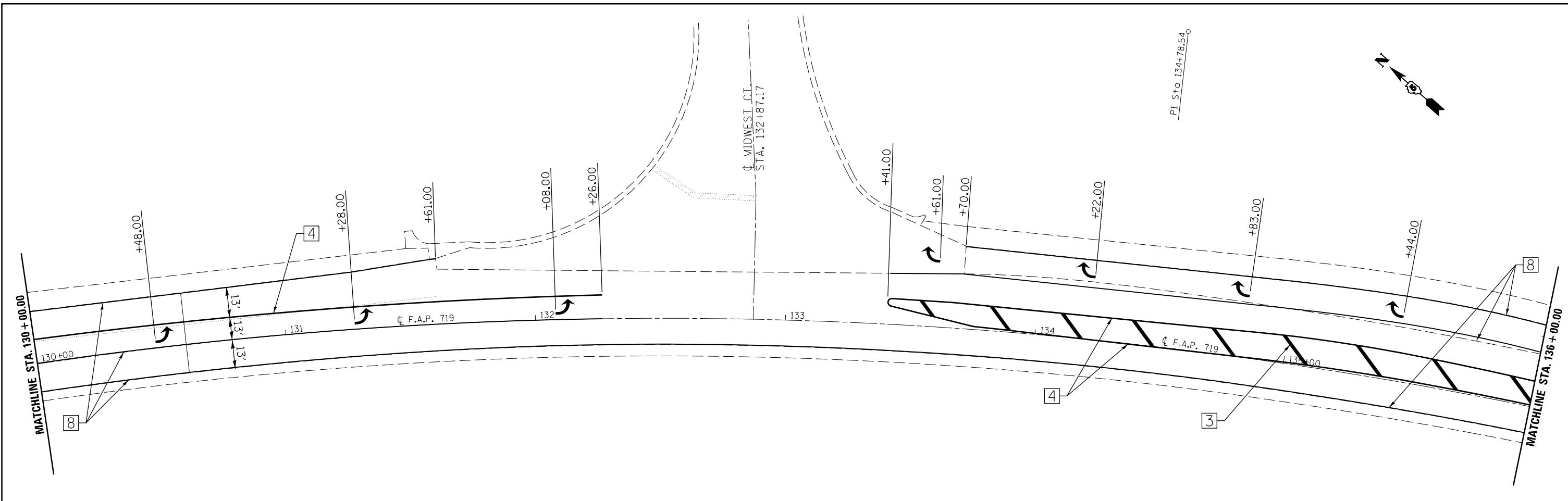
SCALE: 1:20    SHEET 19 OF 26 SHEETS    STA. 936+00.00 TO STA. 948+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	84
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 1:20	SHEET 20 OF 26 SHEETS	STA. 948+00.00 TO STA. 130+00.00	• 12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	85	
*MODELNAME*	PLOT DATE = 1/27/2015	DATE -	REVISED -	CONTRACT NO. 70702 ILLINOIS FED. AID PROJECT								



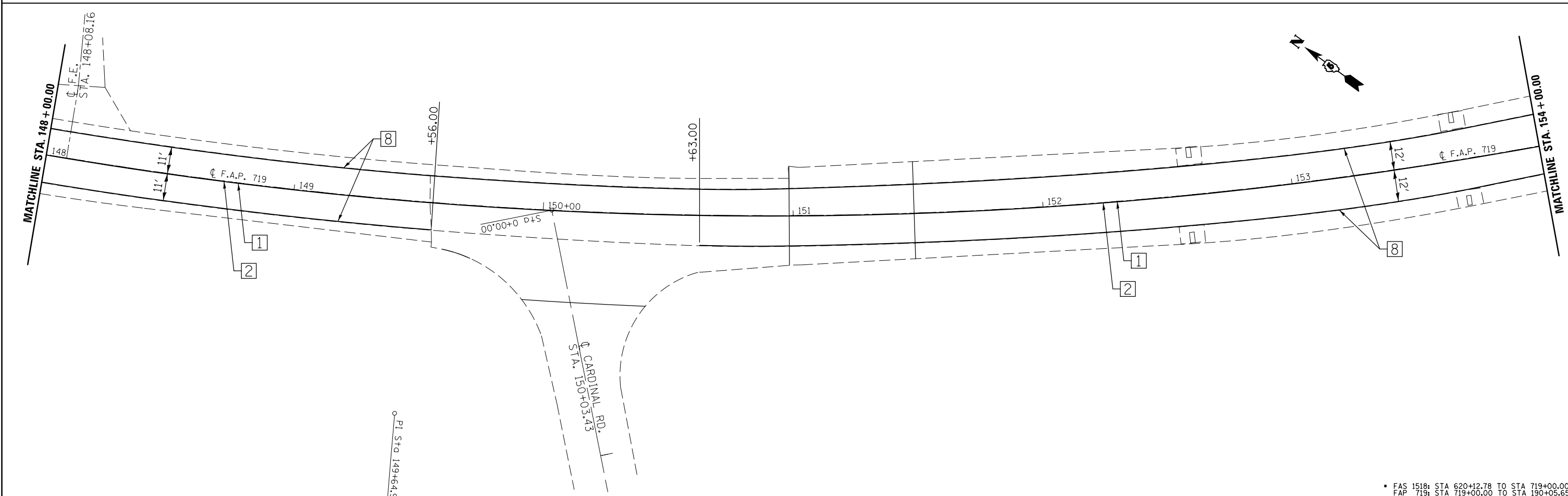
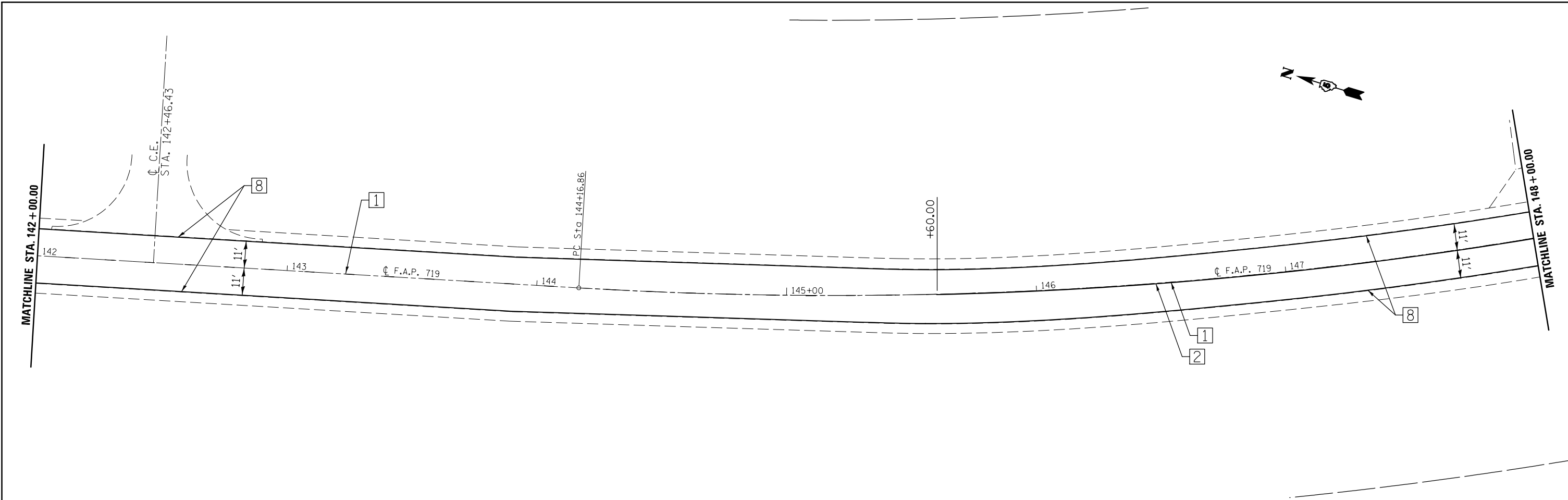
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
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*MODELNAME#	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>US 150 PAVEMENT MARKING PLAN SHEET</b>			
SCALE: 1:20	SHEET 21 OF 26 SHEETS	STA. 130+00.00	TO STA. 142+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	86
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				



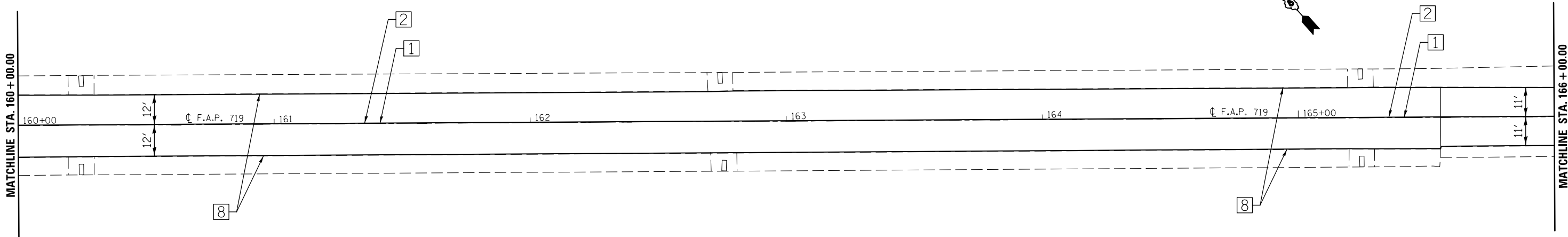
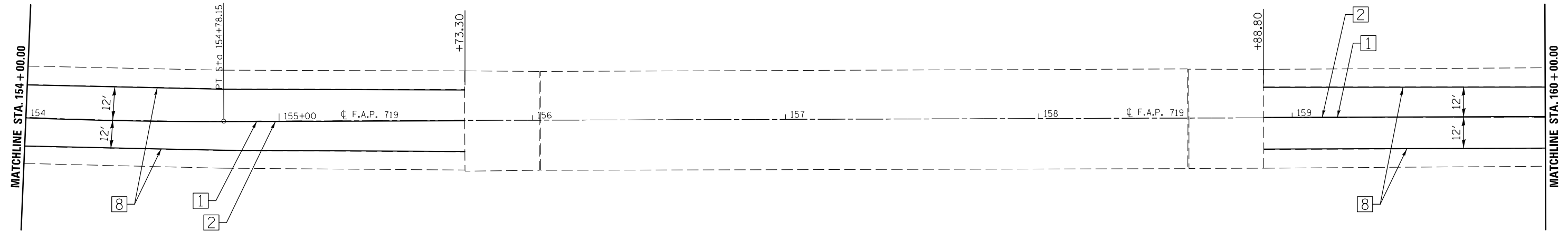
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
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*MODELNAME*	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>US 150    PAVEMENT MARKING PLAN SHEET</b>			
SCALE: 1:20	SHEET 22 OF 26 SHEETS	STA. 142+00.00	TO STA. 154+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	87
			<b>CONTRACT NO. 70702</b>	
ILLINOIS FED. AID PROJECT				



• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
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#MODELNAME#	PLOT DATE = 1/27/2015	DATE -	REVISED -

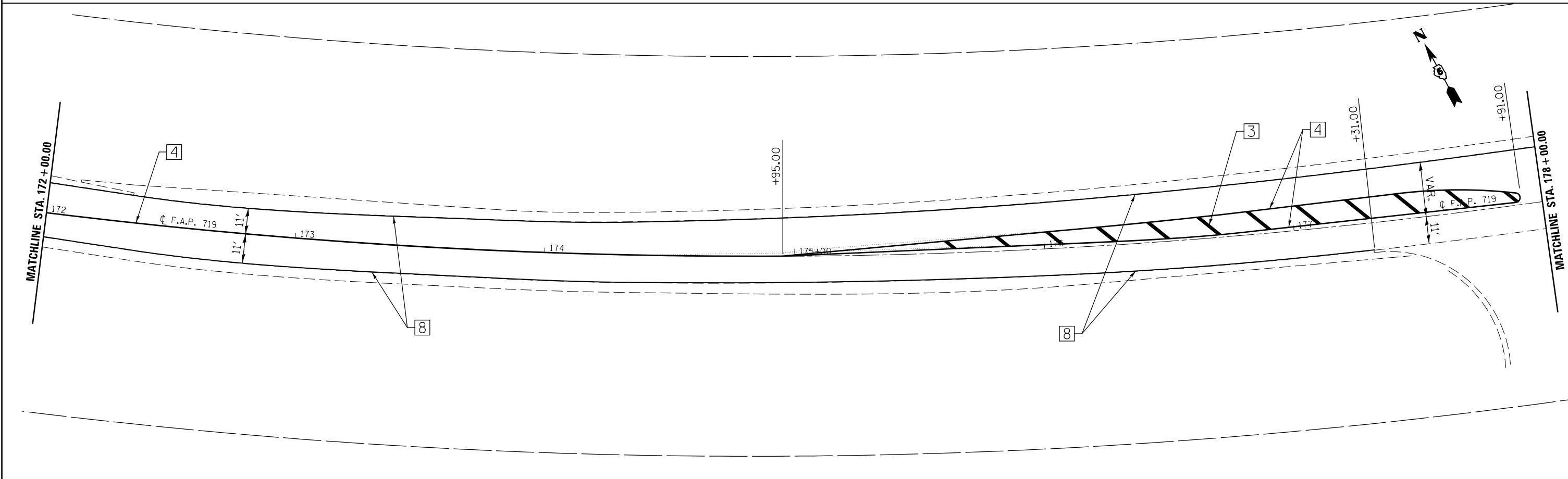
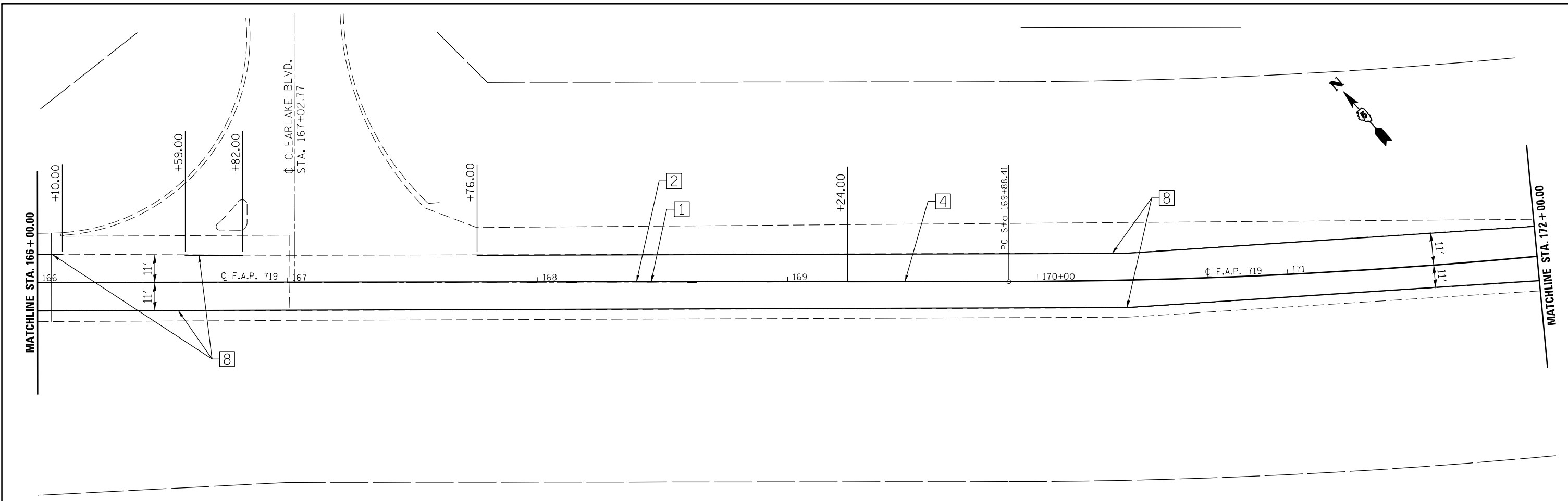
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 150  
 PAVEMENT MARKING PLAN SHEET**

SCALE: 1:20    SHEET 23 OF 26 SHEETS    STA. 154+00.00 TO STA. 166+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	88
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	





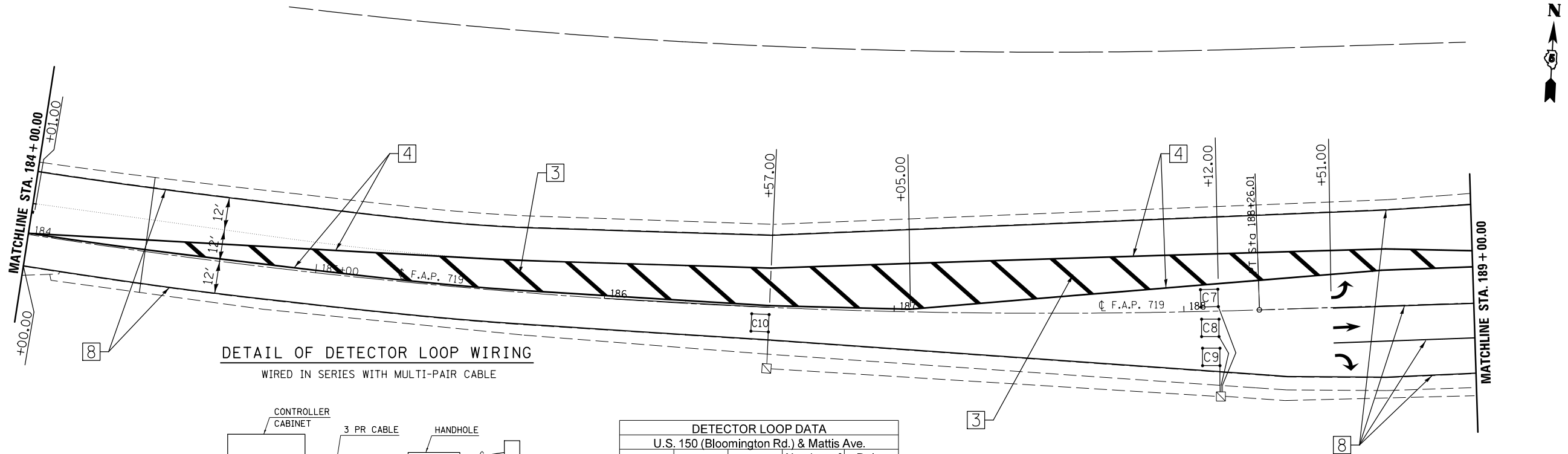
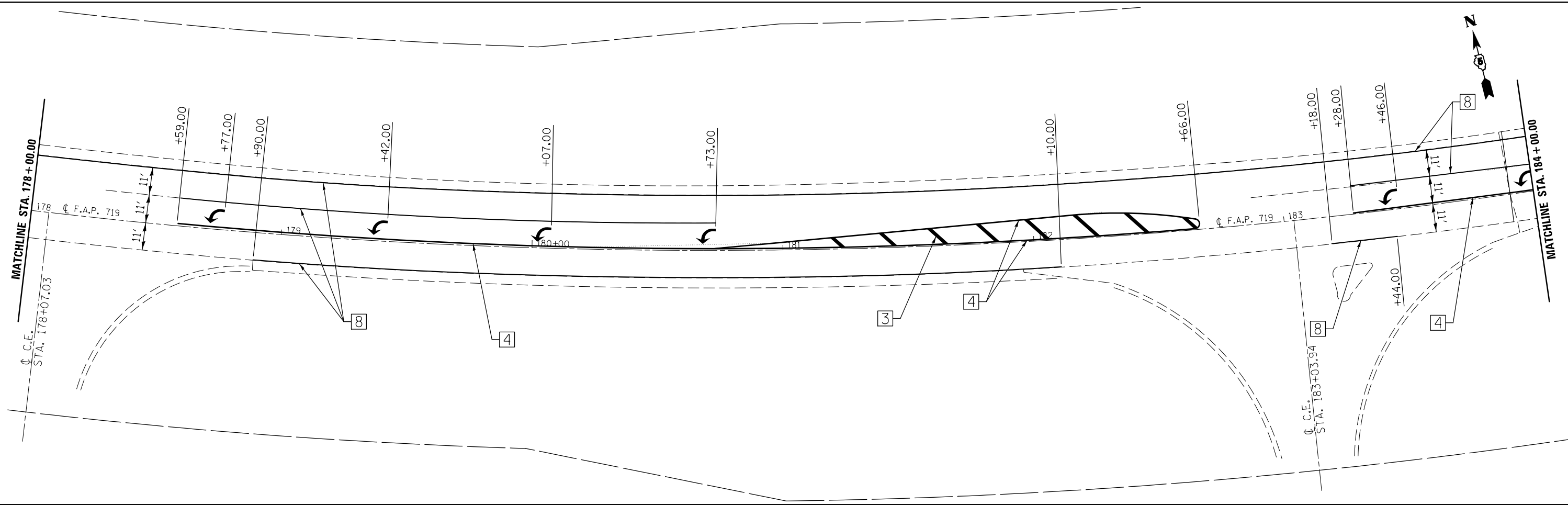
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergenej	DESIGNED -	REVISED -
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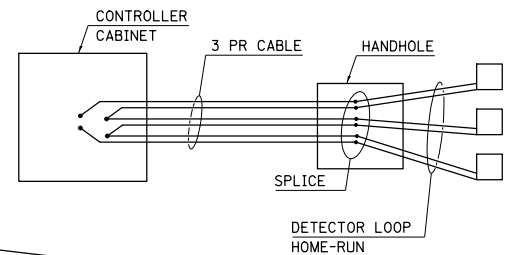
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>US 150 PAVEMENT MARKING PLAN SHEET</b>			
SCALE: 1:20	SHEET 24 OF 26 SHEETS	STA. 166+00.00	TO STA. 178+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	89
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	



**DETAIL OF DETECTOR LOOP WIRING**  
WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA				
U.S. 150 (Bloomington Rd.) & Mattis Ave.				
Loop	Length	Width	Number of Turns	Delay (sec.)
C7 - 10	6'	6'	4	

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (C7), (C8), (C10), (C9)

FILE NAME =	USER NAME = bergena.j	DESIGNED -	REVISED -
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*MODELNAME*	PLOT DATE = 1/27/2015	DATE -	REVISED -

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

<b>US 150</b>			
<b>PAVEMENT MARKING PLAN SHEET</b>			
SCALE: 1:20	SHEET 25 OF 26 SHEETS	STA. 178+00.00 TO STA. 189+00.00	

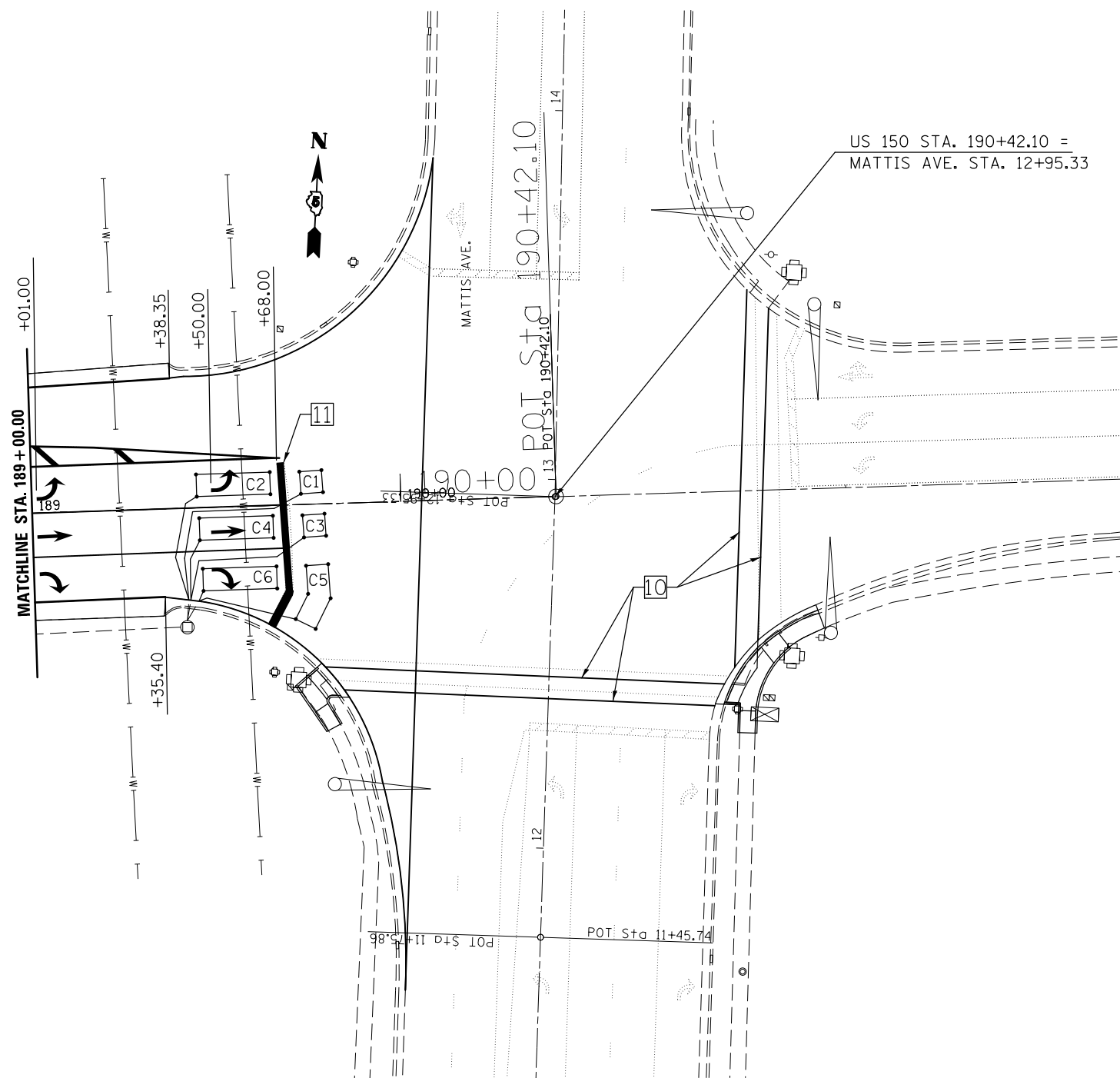
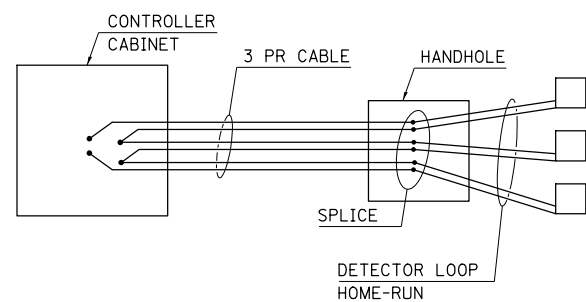
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	90
<b>CONTRACT NO. 70702</b>				
ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

DETECTOR LOOP DATA				
U.S. 150 (Bloomington Rd.) & Mattis Ave.				
Loop	Length	Width	Number of Turns	Delay (sec.)
C1, C3	6'	6'	3	
C5	6'	15' / 18'	3	
C2, C4	6'	20'	3	10
C6	6'	20'	3	10

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (C1, C2), (C3, C4), (C5, C6)

**DETAIL OF DETECTOR LOOP WIRING**  
WIRED IN SERIES WITH MULTI-PAIR CABLE



FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergena_j	DESIGNED -	REVISED -
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

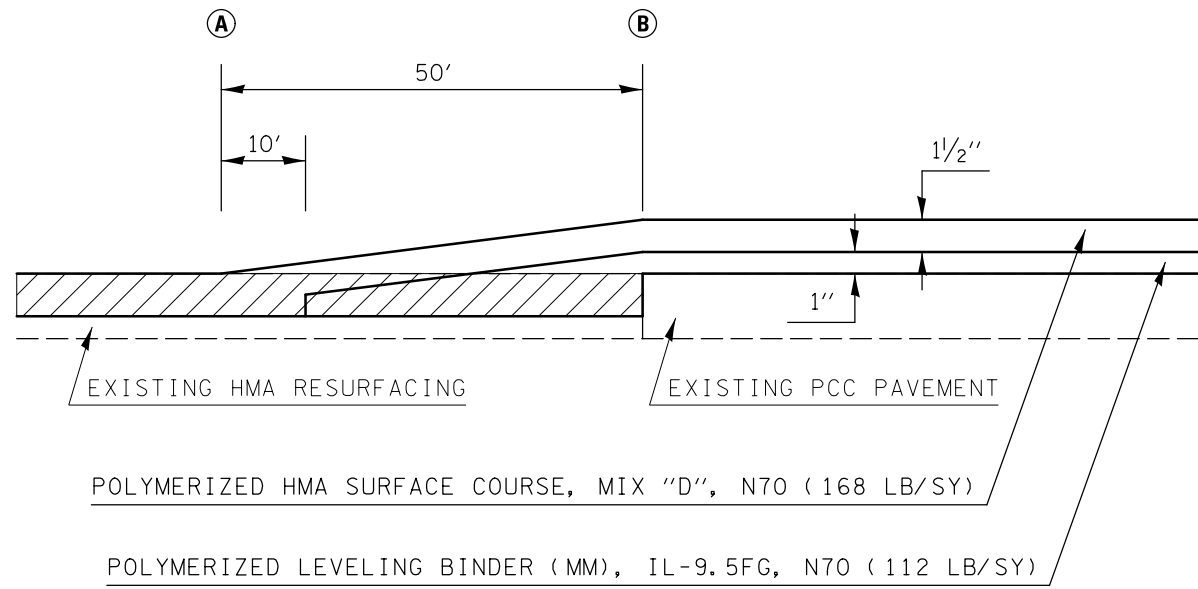
**US 150**  
**PAVEMENT MARKING PLAN SHEET**

SCALE: 1:20 SHEET 26 OF 26 SHEETS STA. 189+00.00 TO STA. 191+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	91
				CONTRACT NO. 70702
ILLINOIS FED. AID PROJECT				

### TRANSITION AT CONCRETE SECTION

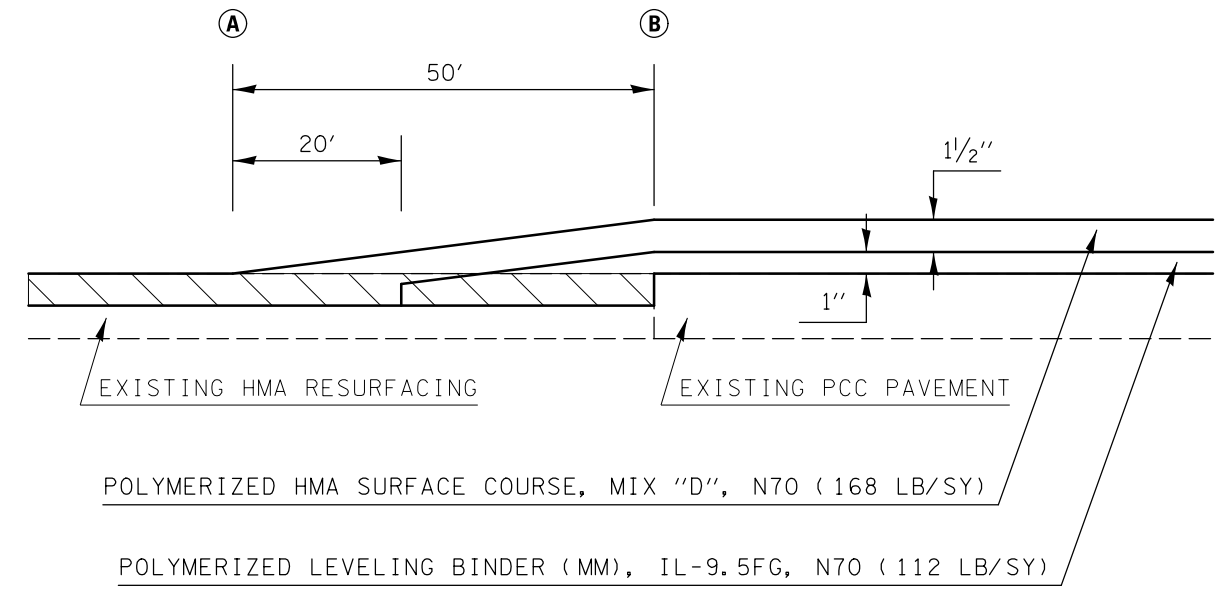
STATION 140+42.15 TO STATION 140+92.15



HMA SURFACE REMOVAL, 2"

### TRANSITION AT CONCRETE SECTION

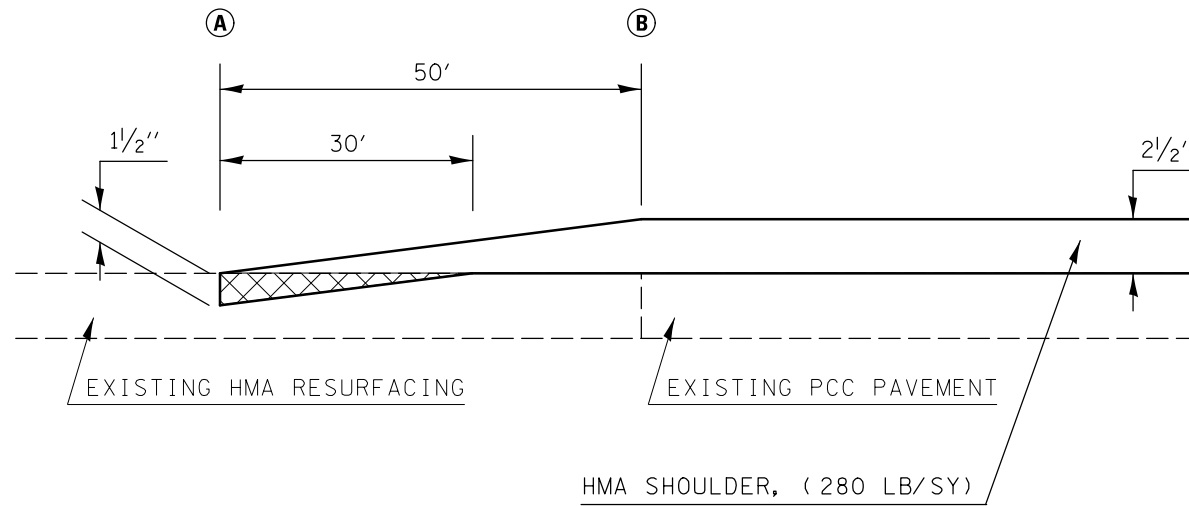
STATION 151+48.39 TO STATION 150+98.39  
 165+55.60  
 184+40.68



HMA SURFACE REMOVAL, 1 1/2"

### SHOULDER BUTT JOINT AT CONCRETE SECTION

STATION 140+42.15 TO STATION 140+92.15  
 151+48.39  
 165+55.60  
 184+40.68



HMA SURFACE REMOVAL - BUTT JOINT

FILE NAME =	USER NAME = bergana.j	DESIGNED -	AJB 6/30/2014	REVISED -	
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

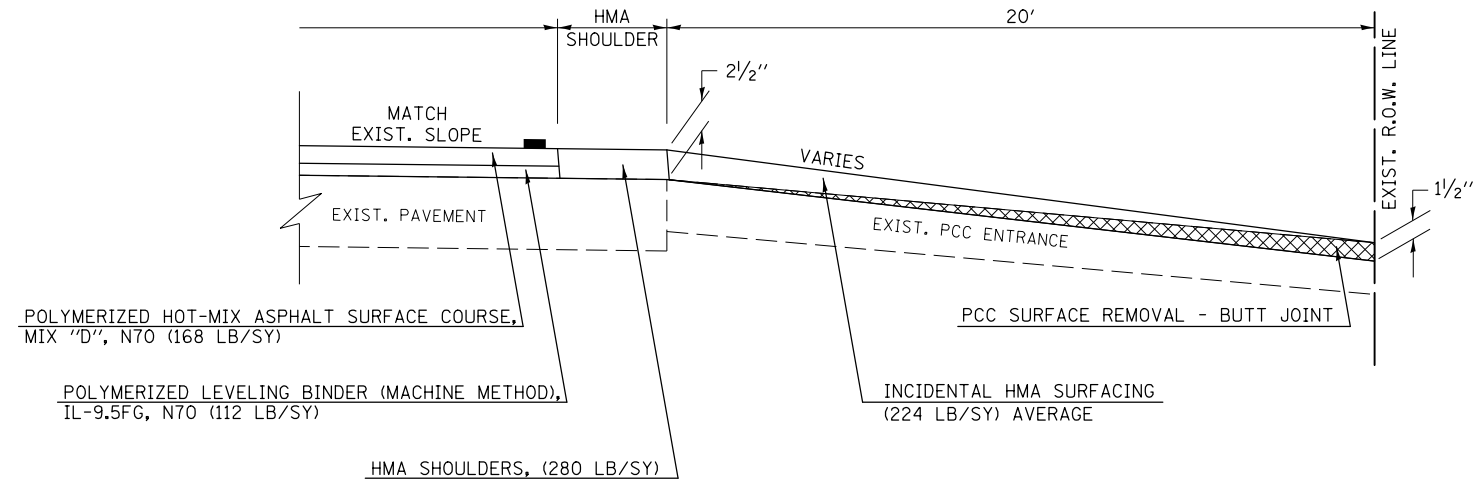
BUTT JOINT DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	92
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

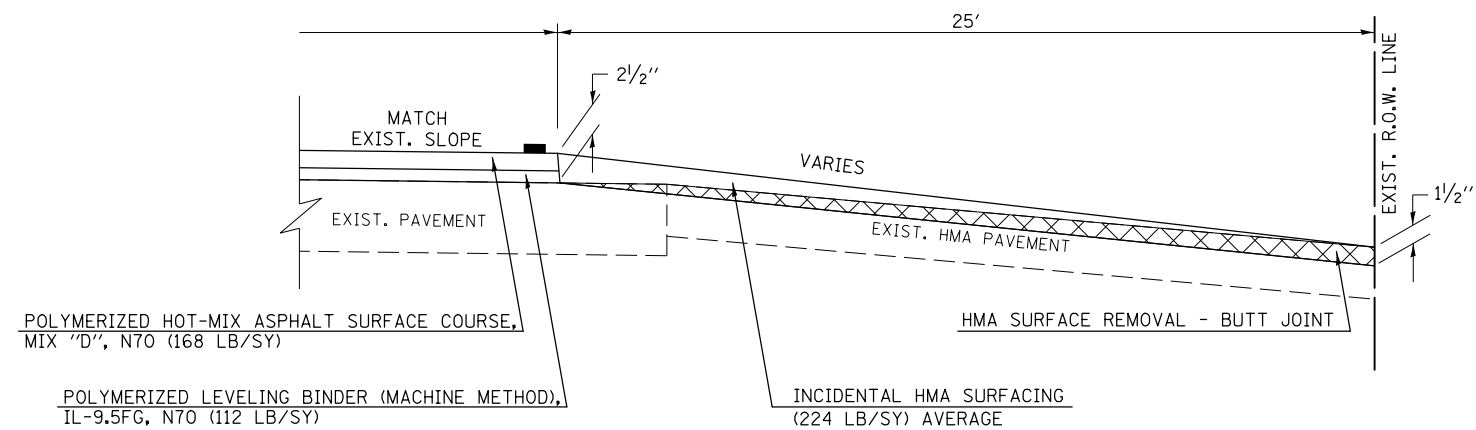
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

# EXISTING PCC ENTRANCE



 PCC SURFACE REMOVAL - BUTT JOINT

# CARDINAL ROAD



 HMA SURFACE REMOVAL - BUTT JOINT

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

FILE NAME =	USER NAME = bergenej	DESIGNED -	AJB 6/30/2014	REVISED -	
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		DATE -		REVISED -	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

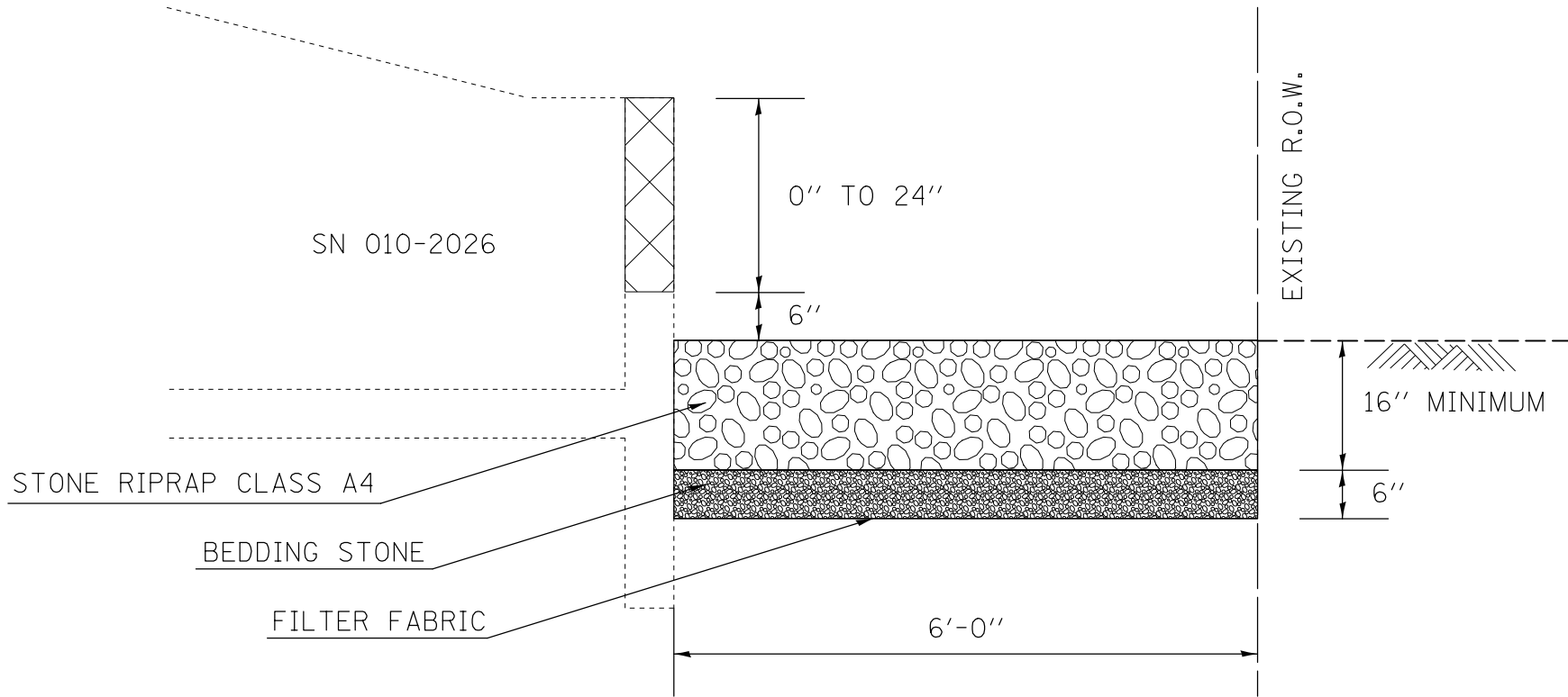
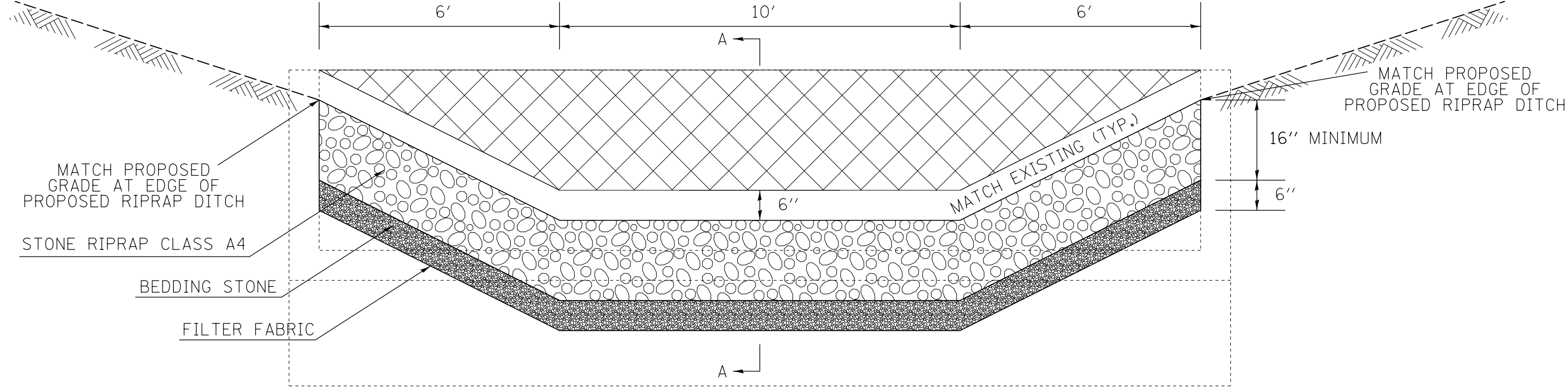
ENTRANCE DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	93
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

# PROPOSED STONE RIPRAP CLASS A4 – SN 010-2026

STATION 840+17.80 TO STATION 840+40.97



CONCRETE REMOVAL

## SECTION A-A

FILE NAME =	USER NAME = bergana.j	DESIGNED -	AJB 7/21/2014	REVISED -	
	ci:\pw\work\p\dot\bergana.j\0254648\0570702-sht-details.dgn	DRAWN -		REVISED -	
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		DATE -		REVISED -	

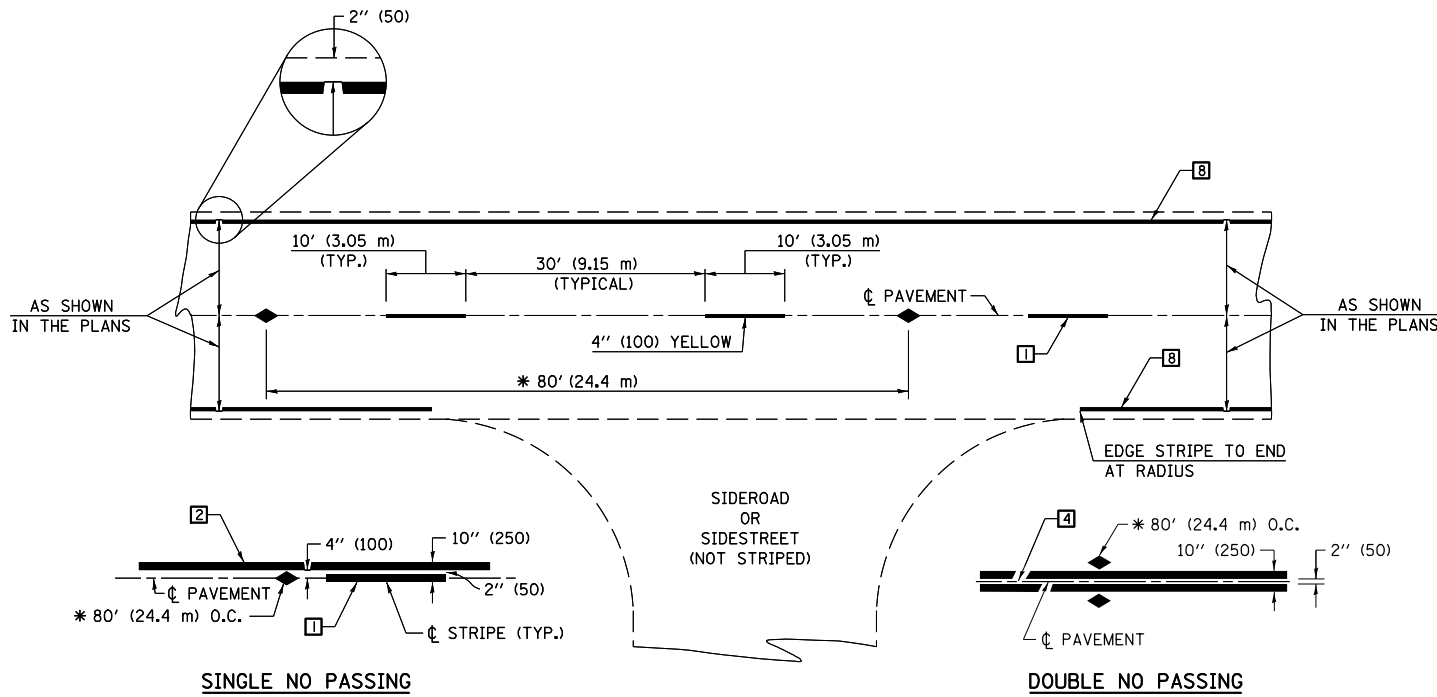
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTION OF PROPOSED STONE RIPRAP CLASS A4**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	94
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				

• FAS 1518: STA 620+12.78 TO STA 719+00.00  
FAP 719: STA 719+00.00 TO STA 190+05.65



\* 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**

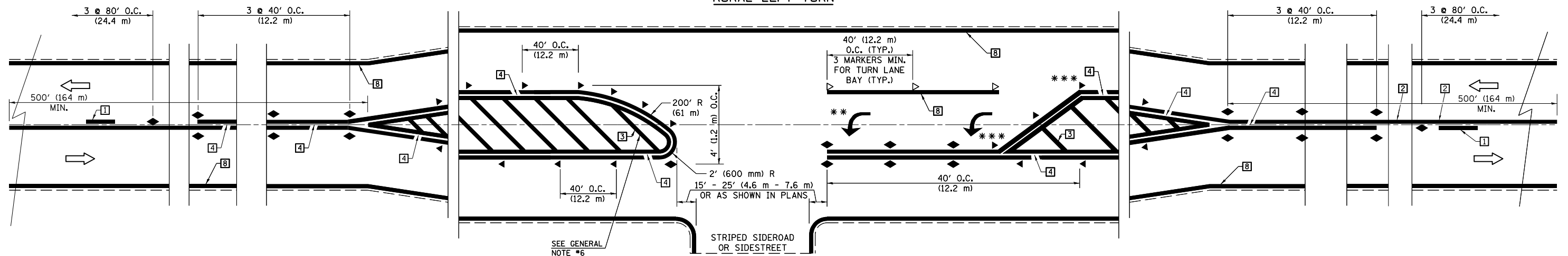
**TYPICAL PAVEMENT MARKING LEGEND**

- 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.  
 • FAS 1518: STA 620+12.78 TO STA 719+00.00  
 • FAP 719: STA 719+00.00 TO STA 190+05.65

**DISTRICT 5 DETAIL NO. 7800AAAA**

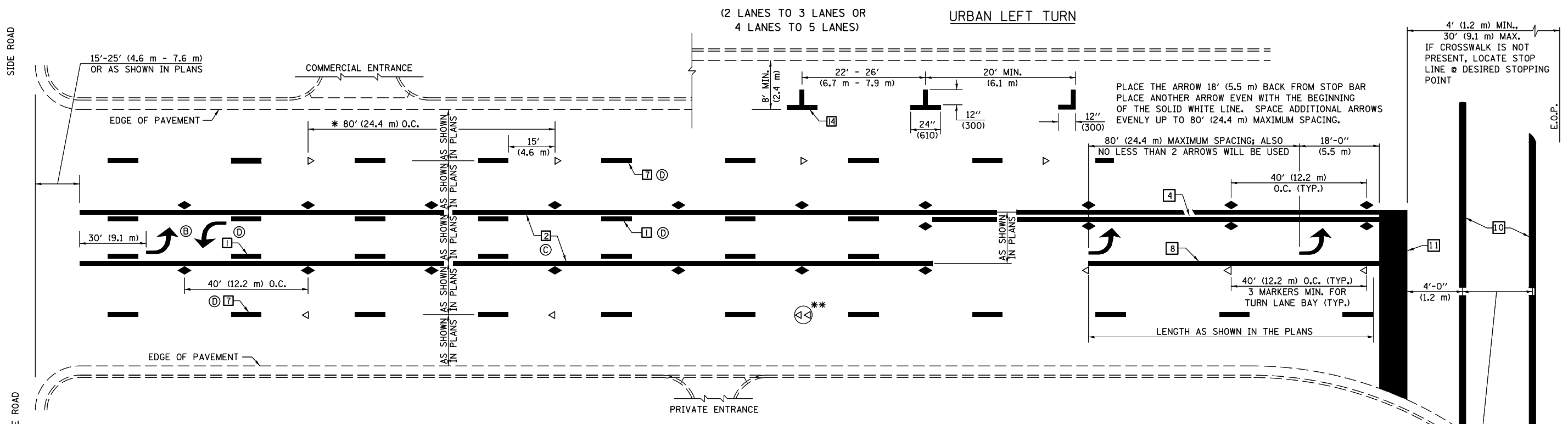
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ei:\pwork\pwork\berganaj\0254648\0570702-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 2000.0000 / in.	CHECKED -	REVISED - 04/14 - JLA
	PLOT DATE = 1/27/2015	DATE -	REVISED -

**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.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	95
				CONTRACT NO. 70702
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

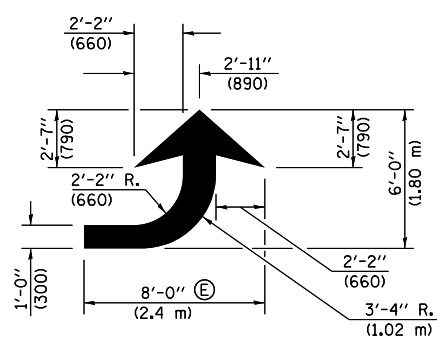


\* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

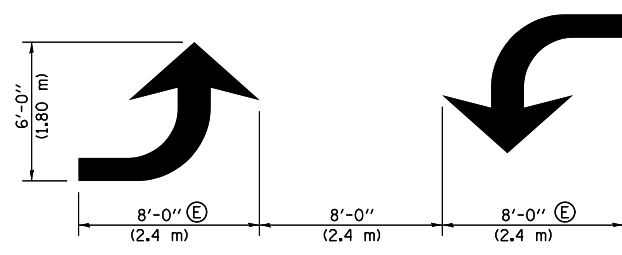
**GENERAL NOTES:**

- ⓑ 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)



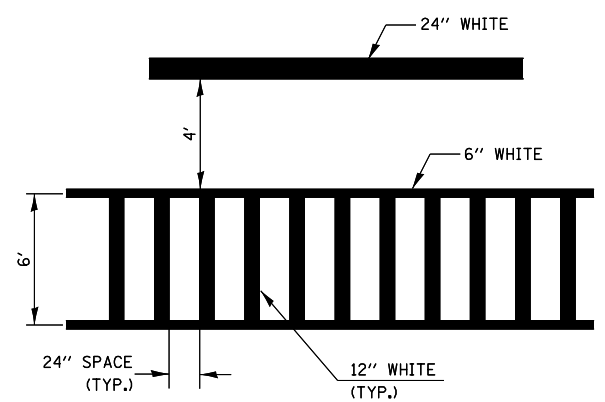
**LEFT ARROW**

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)

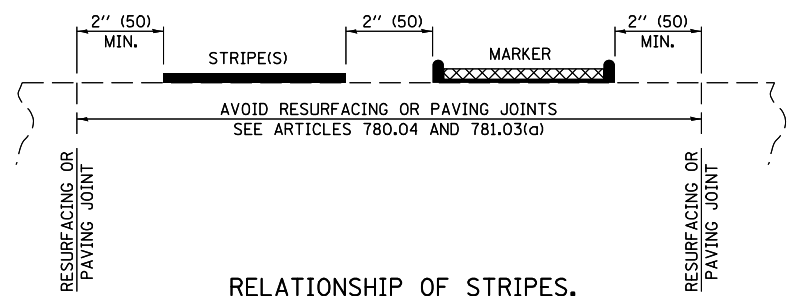


**TYPICAL DOUBLE TURN ARROWS (WHITE)**

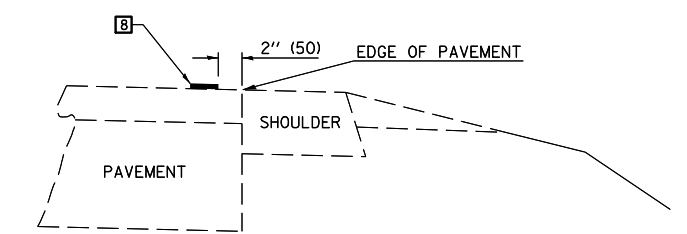
**BLOOMINGTON-NORMAL CITY LIMITS ONLY**



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**



**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**



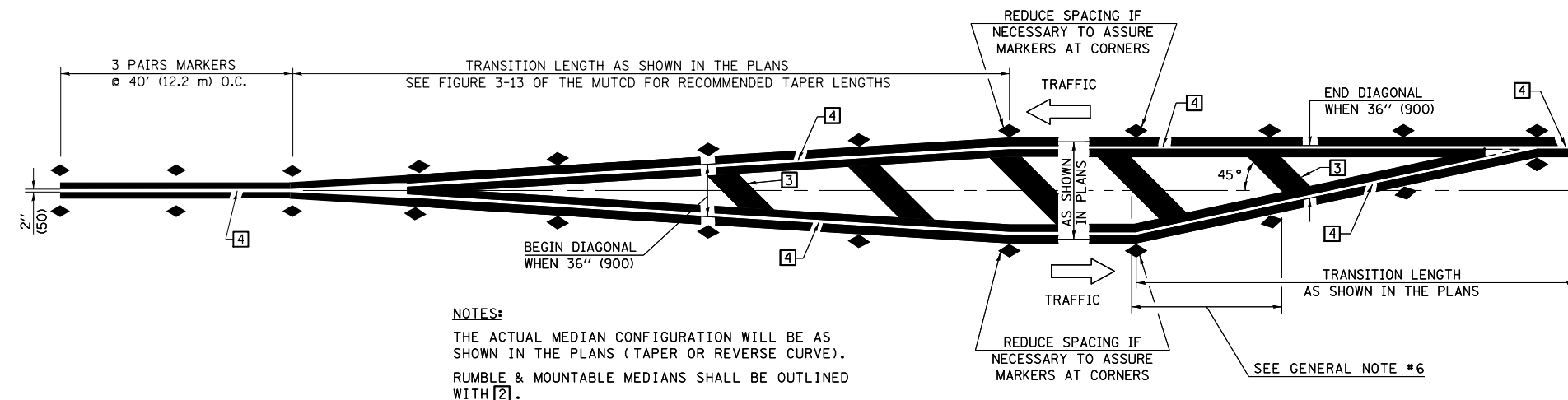
**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.  
• FAS 1518: STA 620+12.78 TO STA 719+00.00  
• FAP 719: STA 719+00.00 TO STA 190+05.65

**DISTRICT 5 DETAIL NO. 7800AAA**

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\pwork\berganaj\0254648\0570702-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJT			•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	96
		CHECKED -	REVISED - 04/14 - JLA			CONTRACT NO. 70702				
		DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	PLOT SCALE = 2000.0000' / in.			SCALE:	SHEET 2 OF 4 SHEETS	STA.	TO STA.			



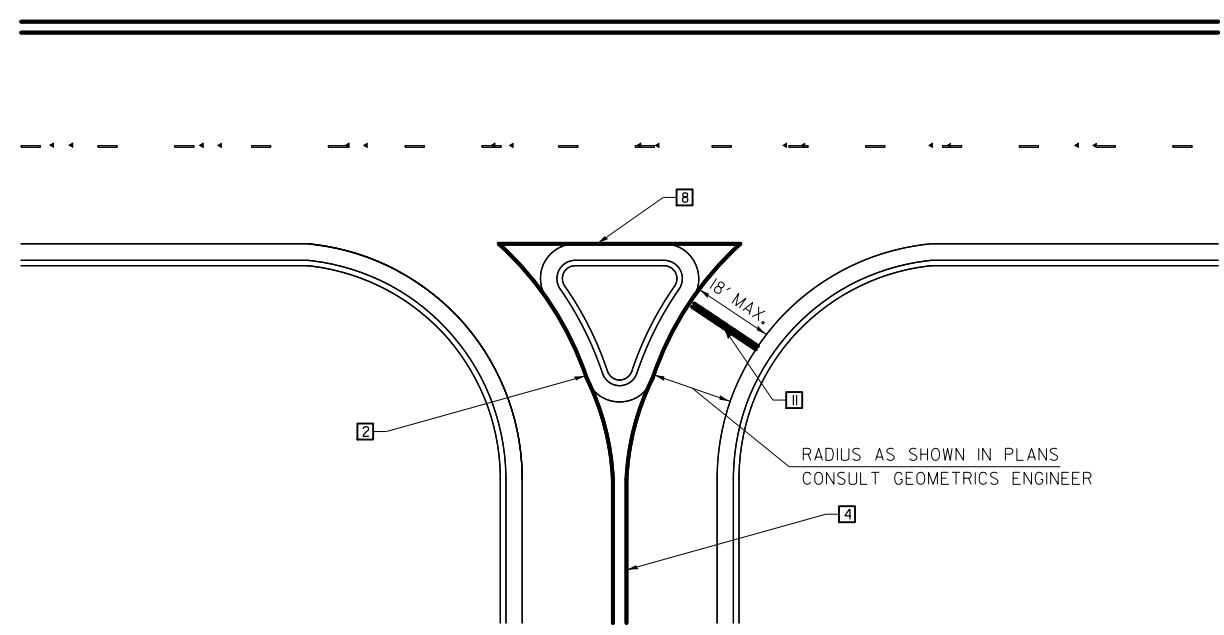


**NOTES:**  
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).  
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

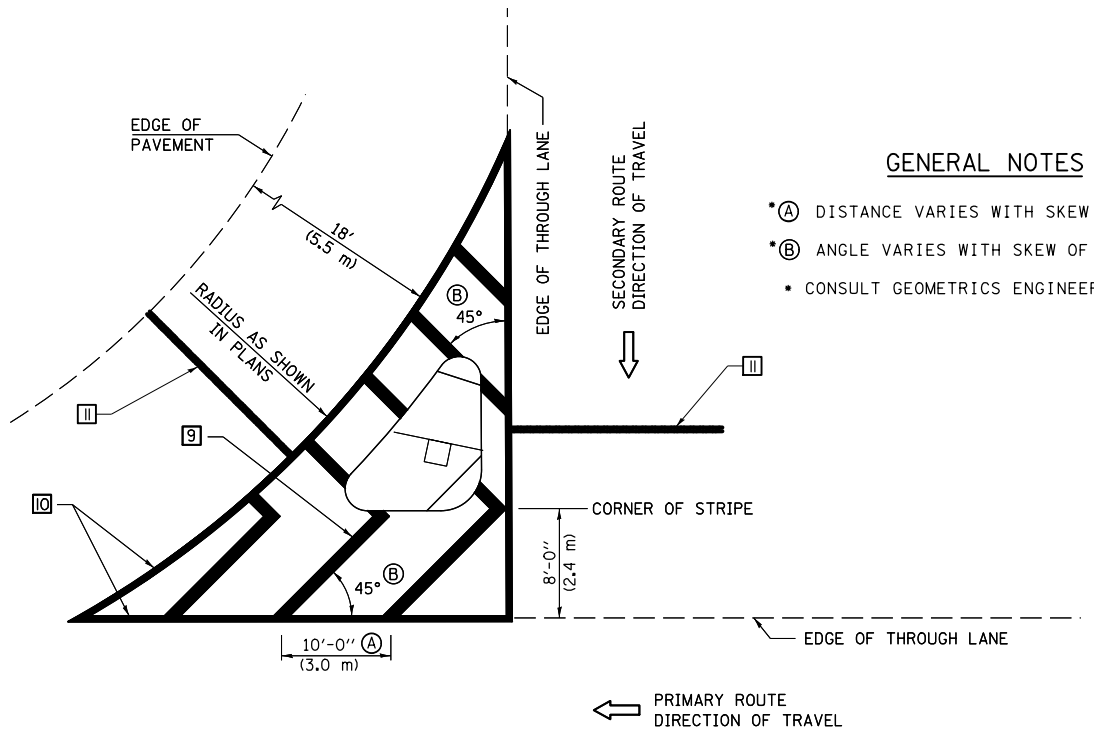
**TYPICAL MEDIAN TRANSITIONS**

**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**



**GENERAL NOTES**

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

**ISLAND**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.  
 • FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

**DISTRICT 5 DETAIL NO. 7800AAAA**

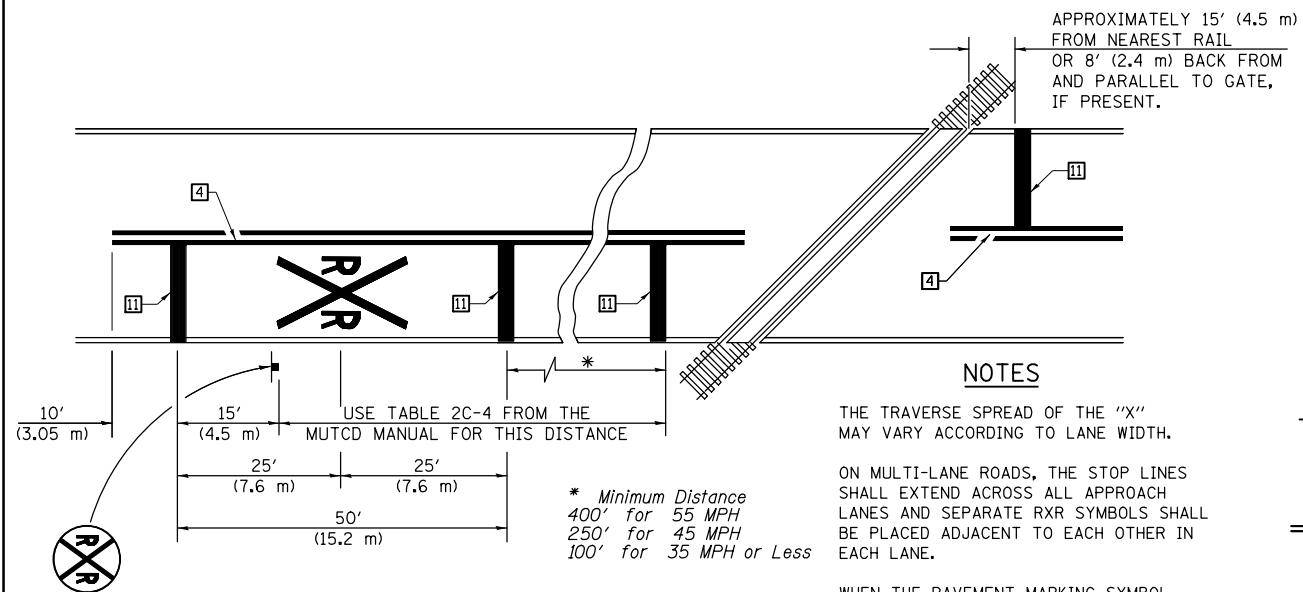
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	PLOT SCALE = 2000.0000 / in.	CHECKED -	REVISED - 04/14 - JLA
	PLOT DATE = 1/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	97
				CONTRACT NO. 70702
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

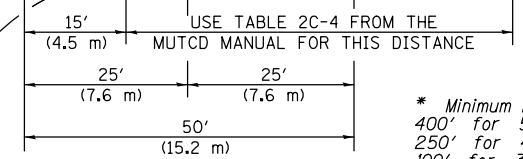
**NOTES**

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

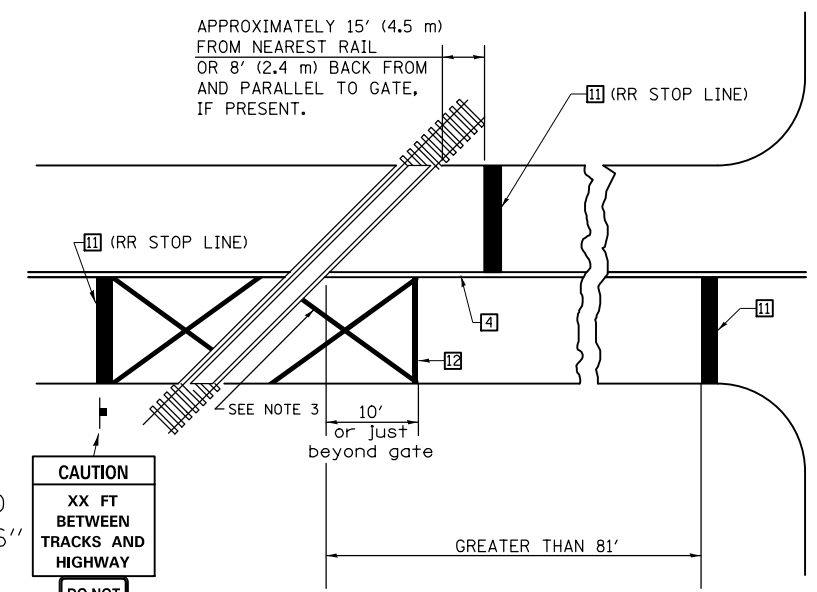
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

\* Minimum Distance  
 400' for 55 MPH  
 250' for 45 MPH  
 100' for 35 MPH or Less



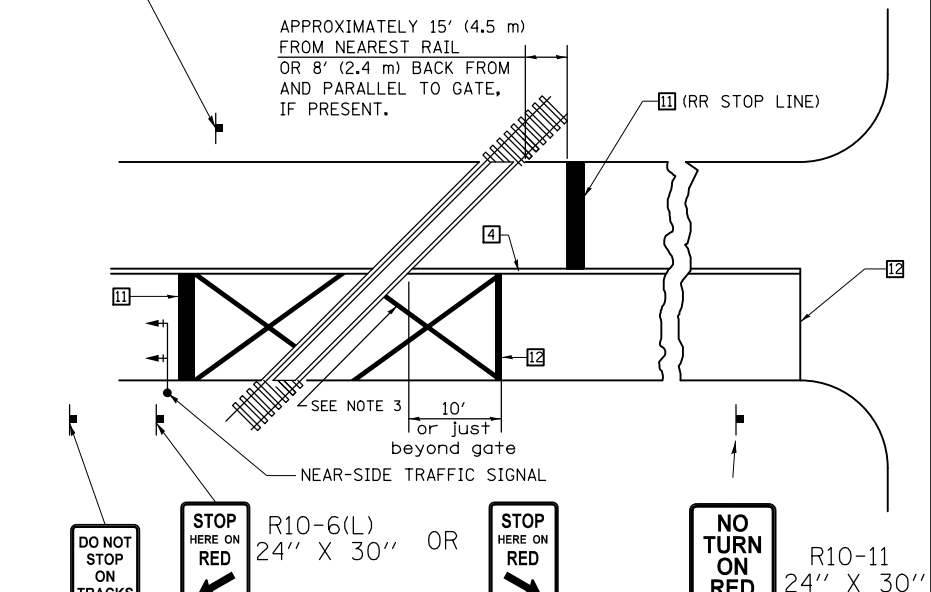
RAILROAD CROSSING WITH INTERCONNECT ONLY



W10-I100  
 30" X 36"

CAUTION  
 XX FT  
 BETWEEN  
 TRACKS AND  
 HIGHWAY  
 DO NOT  
 STOP  
 ON  
 TRACKS  
 R8-8  
 24" X 30"

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



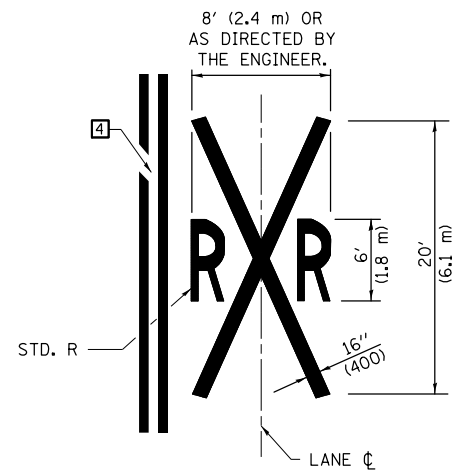
DO NOT STOP ON TRACKS  
 R8-8  
 24" X 30"

STOP HERE ON RED  
 R10-6(L)  
 24" X 30"

STOP HERE ON RED  
 R10-6(R)  
 24" X 30"  
 IF IN MEDIAN

NO TURN ON RED  
 R10-11  
 24" X 30"  
 DO NOT STOP ON TRACKS  
 R8-8  
 24" X 30"

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



ALTERNATE SIGNS

STOP HERE ON RED  
 R10-6a(L)  
 24" X 30"

STOP HERE ON RED  
 R10-6a(R)  
 24" X 30"

GENERAL NOTES

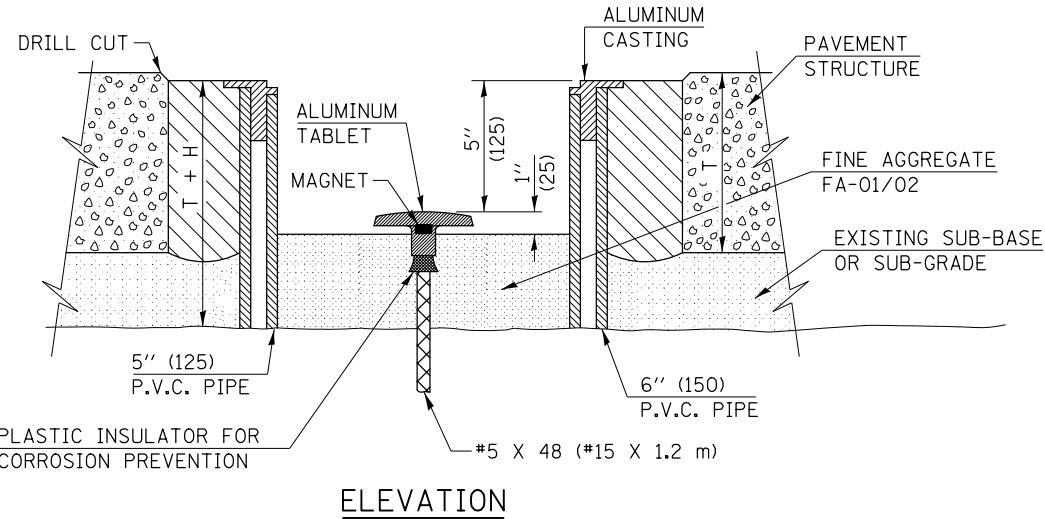
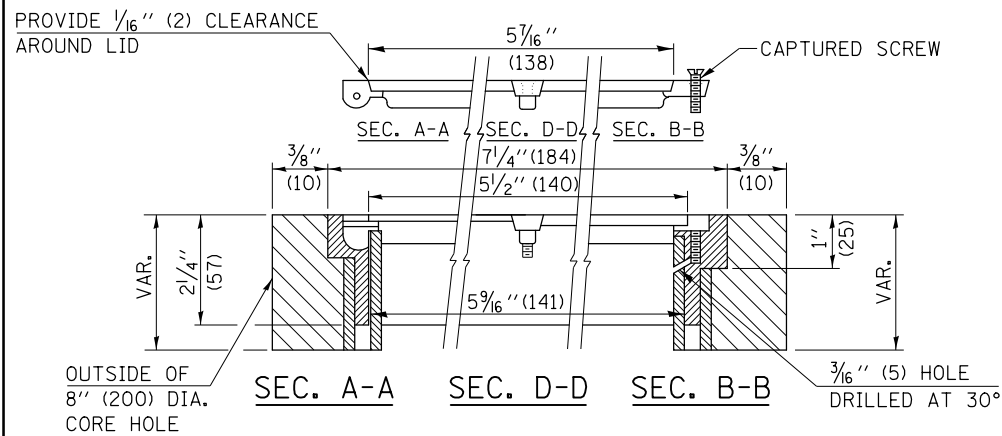
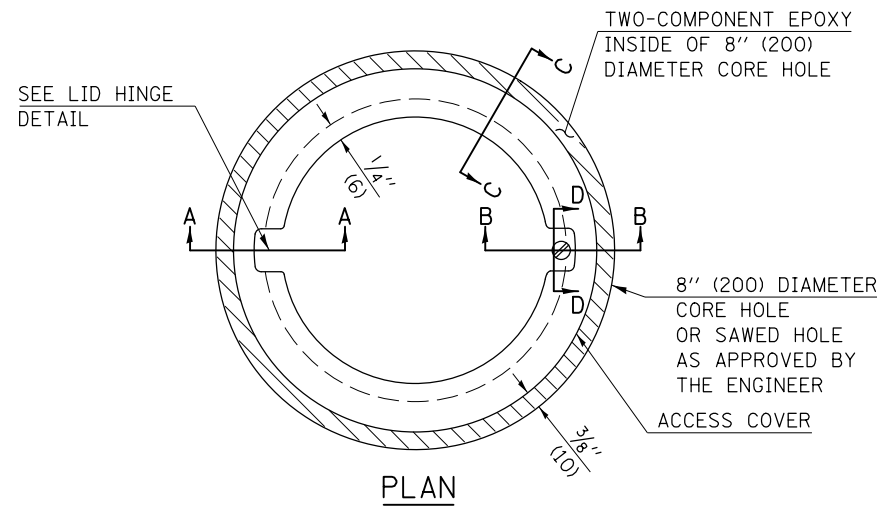
- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- 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.
- 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.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.  
 • FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

DISTRICT 5 DETAIL NO. 7800AAAA

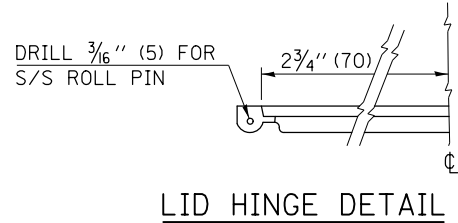
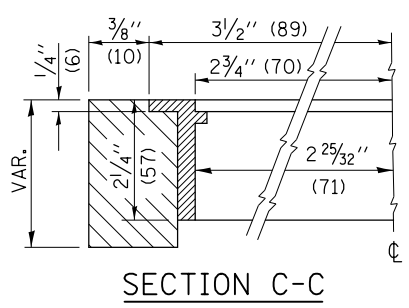
FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwwork\pwwork\berganaj\0254648\0570702-shd-details.dgn	DRAWN -	REVISED - 09/2009 - KJT	•				12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	98	
PLOT SCALE = 2000.0000" / in.	CHECKED -	REVISED - 04/14 - JLA	CONTRACT NO. 70702								
PLOT DATE = 1/27/2015	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



**LEGEND**

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)



SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-60IES. NO EXCEPTIONS.

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).

**BILL OF MATERIAL**

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 667101. 5/8" X 48" (#15 X 1.2 m) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

**GENERAL NOTES**

1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
2. BACKFILL WITH FINE AGGREGATE - FA-01/02.
3. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
6. ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
7. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

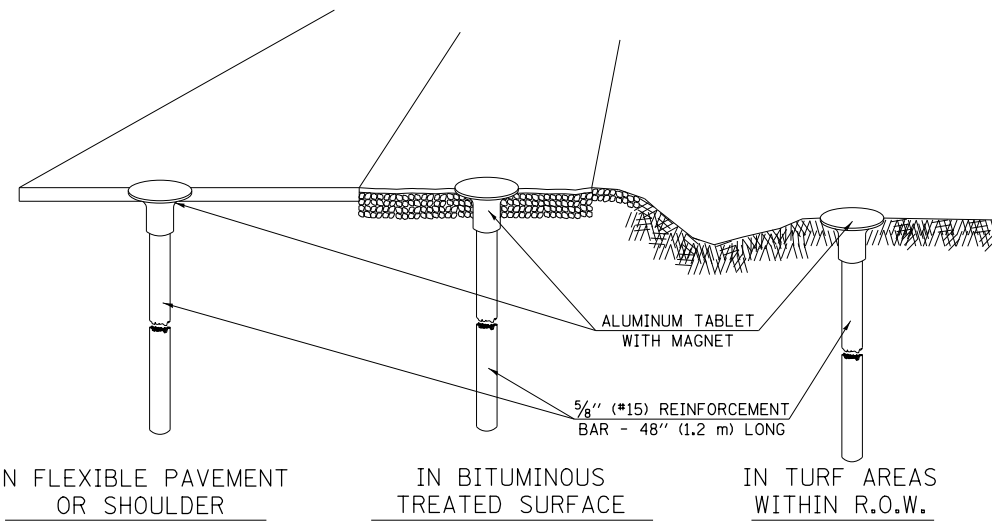
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.  
 • FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

**DISTRICT 5 DETAIL NO. X0301232**

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SURVEY MARKER VAULT</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\id\dot\berganaj\0254648\0570702-sht-details.dgn	DRAWN -	REVISED -	•			12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	99	
PLOT SCALE = 2000.0000 ' / in.	CHECKED -	REVISED -	CONTRACT NO. 70702							
PLOT DATE = 1/27/2015	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.			

## XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

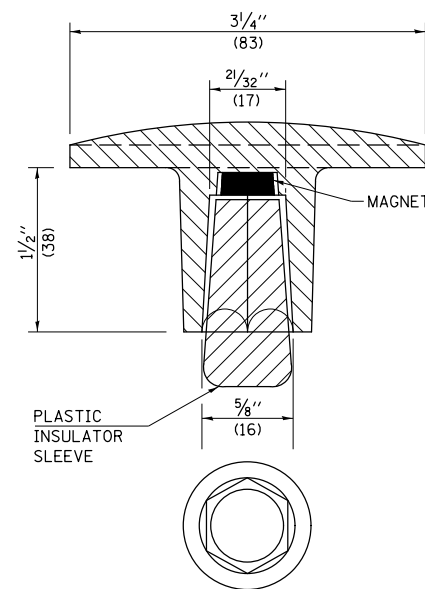
TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



IN FLEXIBLE PAVEMENT OR SHOULDER

IN BITUMINOUS TREATED SURFACE

IN TURF AREAS WITHIN R.O.W.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

### GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED  $\pm 1/4"$  (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

### SPECIFICATIONS FOR ALUMINUM TABLET

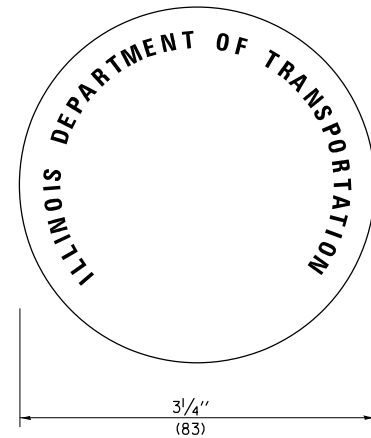
SURVEY CAP FOR REBAR.  $3/4"$  (83 mm) CONVEX SURVEY CAP FOR  $5/8"$  (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF  $1/32"$  (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM  $1 1/2"$  (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

### SPECIFICATIONS FOR REBAR

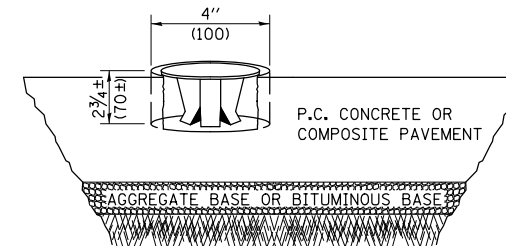
REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE  $5/8"$  (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR  $5/8"$  (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.



## XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

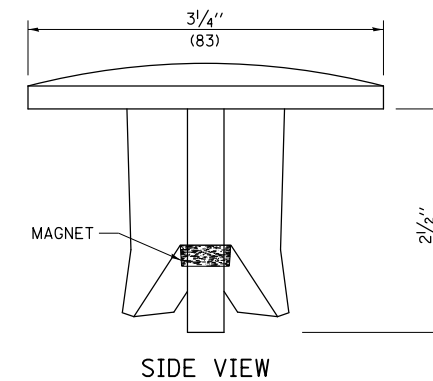
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



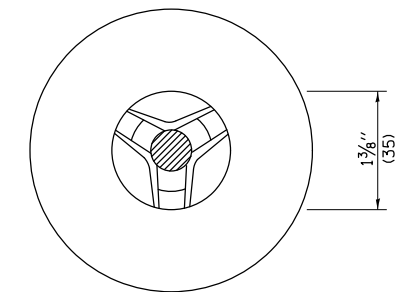
### SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE  $3/4"$  (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF  $1/32"$  (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A  $2 1/2"$  (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.



SIDE VIEW



BOTTOM VIEW

THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

### GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED  $\pm 1/4"$  (6 mm) BELOW THE FINAL SURFACE.

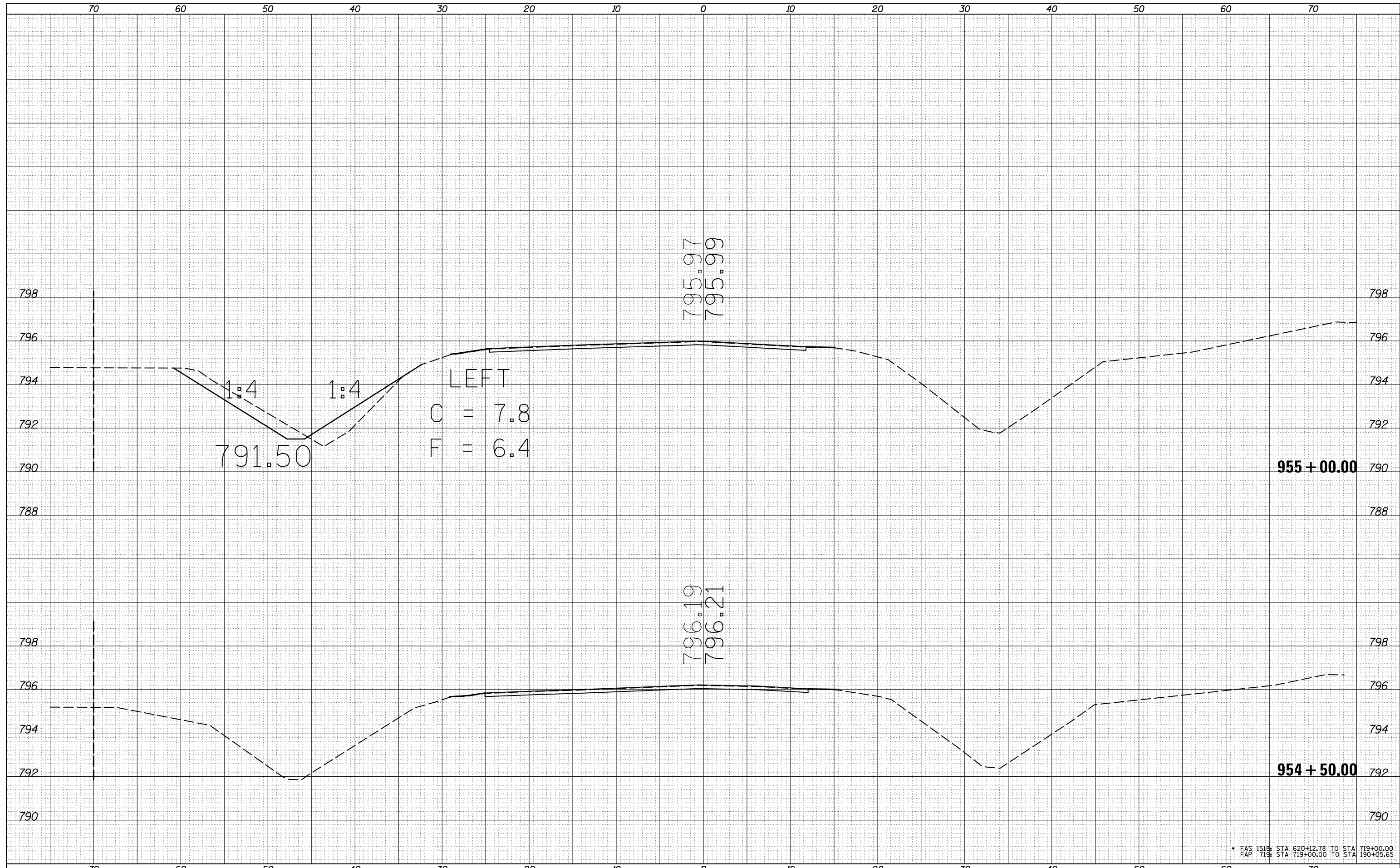
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.  
 • FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

### DISTRICT 5 DETAIL NO. XZ193AAA

FILE NAME =	USER NAME = bergana.j	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SURVEY MARKERS TYPE 1 & 2 (SPECIAL)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 1/27/2015	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE:						SHEET 1 OF 1 SHEETS		STA. TO STA.		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

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 PLOT DATE = 1/27/2015

DESIGNED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

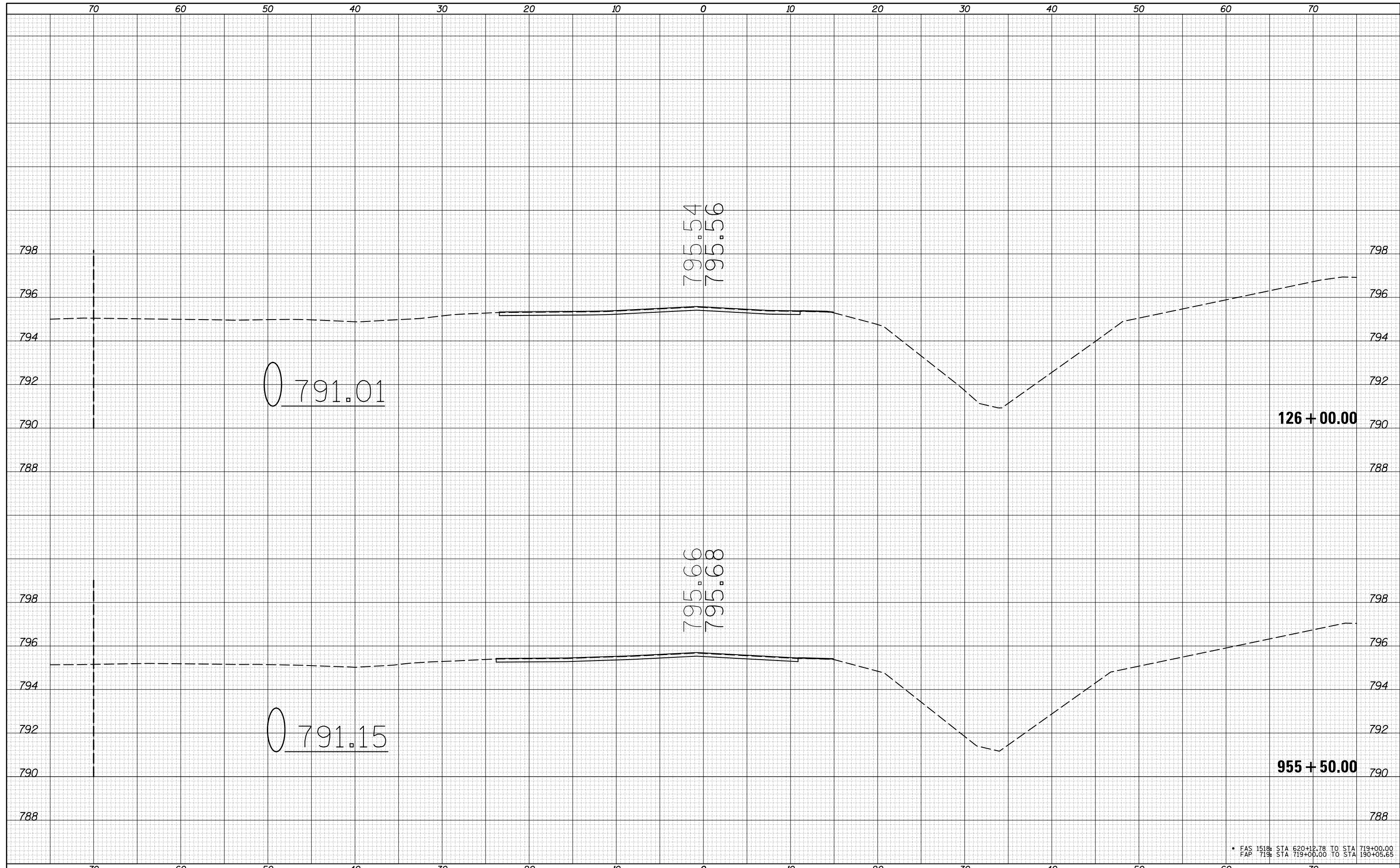
CROSS SECTIONS - US 150

SCALE: SHEET 1 OF 3 SHEETS STA. 954+50.00 TO STA. 955+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	101
CONTRACT NO. 70702			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

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DESIGNED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - US 150

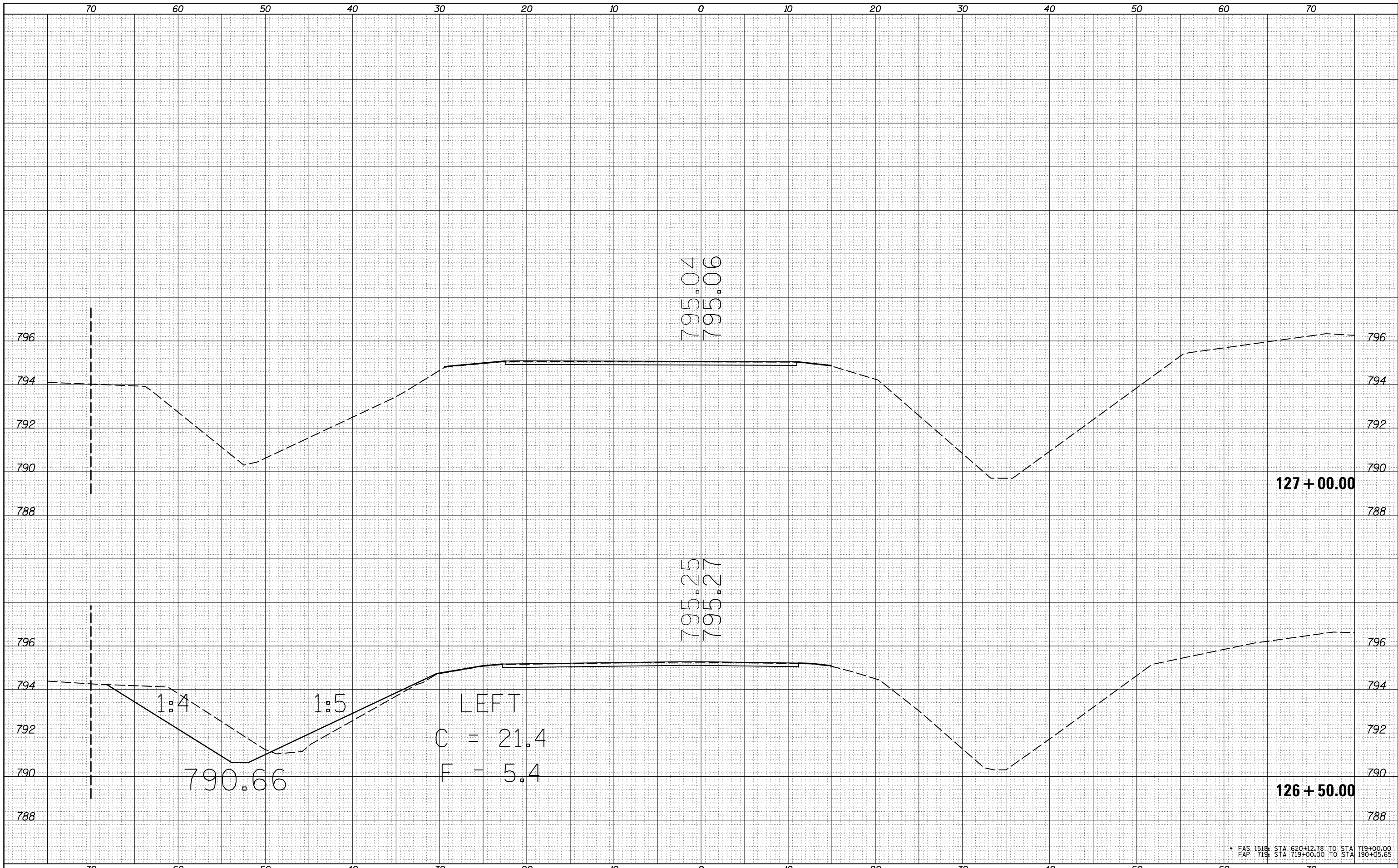
SCALE: SHEET 2 OF 3 SHEETS STA. 955+50.00 TO STA. 126+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	102
			CONTRACT NO. 70702	

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
NOTE BOOK NO.	
TEMPLATE AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
NOTE BOOK NO.	
TEMPLATE AREAS CHECKED	



\* FAS 1518: STA 620+12.78 TO STA 719+00.00  
 FAP 719: STA 719+00.00 TO STA 190+05.65

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DESIGNED -  
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 CHECKED -  
 DATE -

REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - US 150**

SCALE: SHEET 3 OF 3 SHEETS STA. 126+50.00 TO STA. 127+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	12(RS-4,RS-5)&RS-3	CHAMPAIGN	103	103
CONTRACT NO. 70702				
ILLINOIS FED. AID PROJECT				