

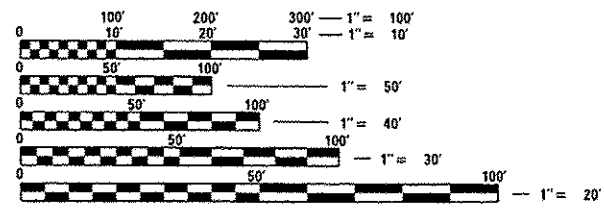
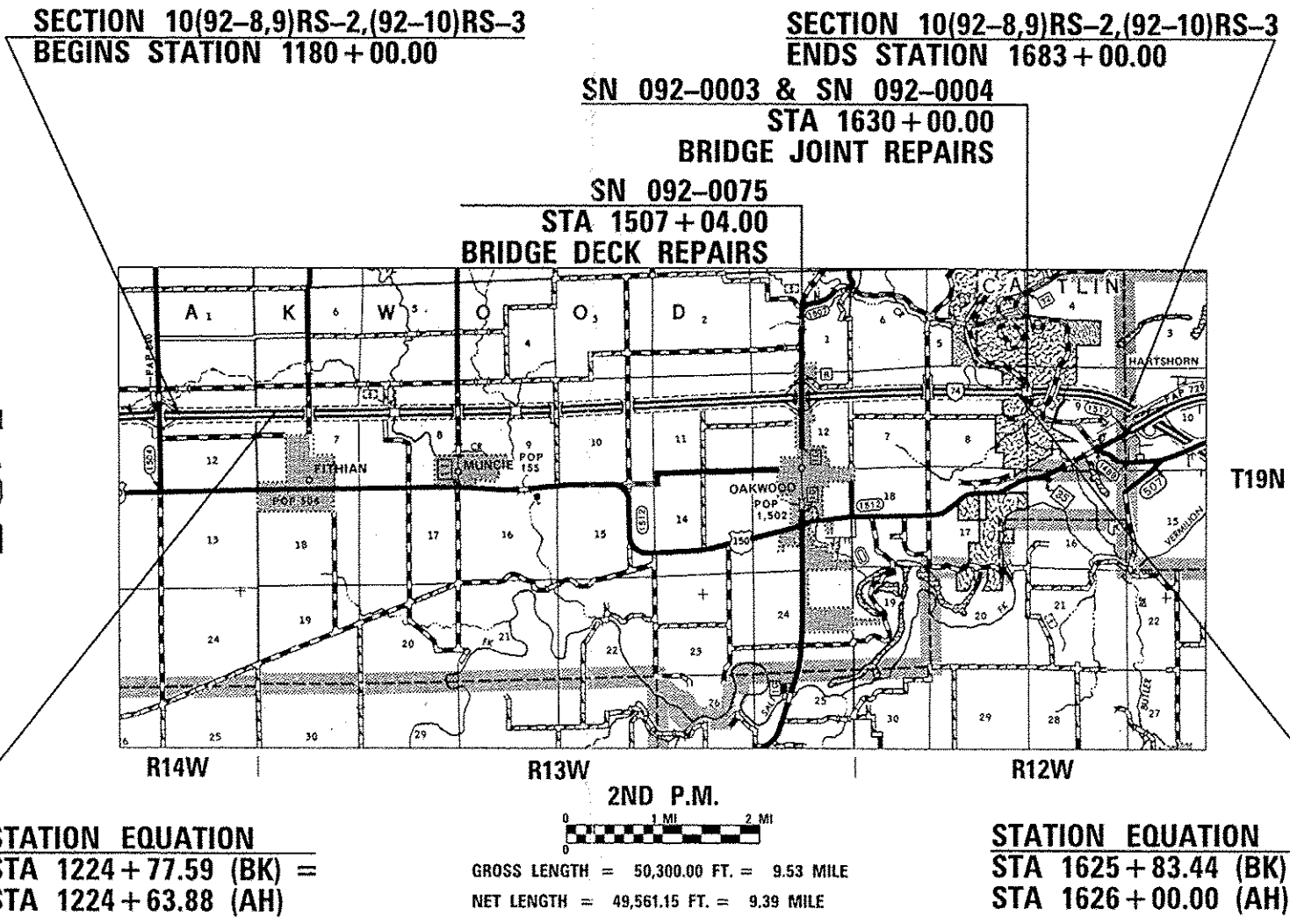
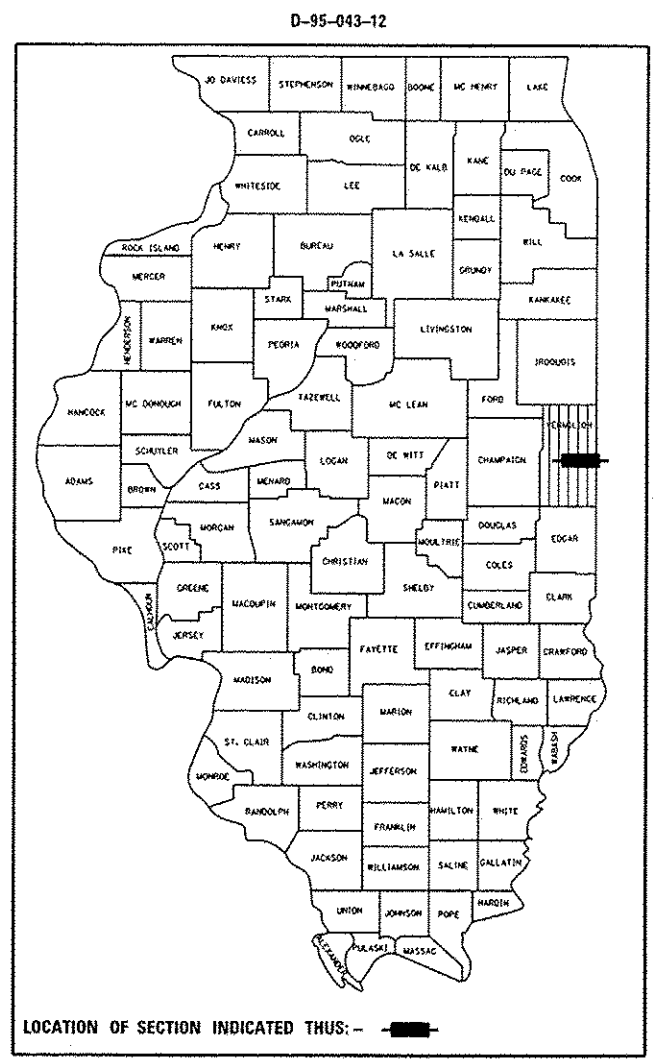
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10(92-8,9)RS-2,(92-10)RS-3	VERMILION	106	1
		ILLINOIS	CONTRACT NO. 70788	

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAI ROUTE 74 (I-74)
SECTION 10(92-8,9)RS-2,(92-10)RS-3
PROJECT ACNHPP-0074 (312)
VERMILION COUNTY
ILL 49 (N) TO US 150 W OF DANVILLE
RESURFACING

INTERSTATE		
CURRENT TRAFFIC DATA		
F.A.I. 74		
SPEED LIMIT: 70 MPH		
FAI 74		
	LEG "A"	LEG "B"
2014 ADT =	24,200	25,800
PV % =	65.5	68.1
SU % =	3.6	3.8
MU % =	30.9	28.1
TRAFFIC DATA LOCATIONS : I-74 FROM		
LEG "A" :	IL 49 TO FAS 331 (CH 10)	
LEG "B" :	FAS 331 (CH 10) TO US 150 (MLK DR)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE		
LEG "A" :	MIX "D", N90	
LEG "B" :	MIX "E", N90	



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. (OAKWOOD TOWNSHIP)
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: JASON W. STULTS, P.E.
SQUAD LEADER: RUSTIN B. KEYS, P.E.
PROJECT DESIGNER: DAVID F. JAYME, E.I.T.
DISTRICT 5 PHONE NUMBER: (217) 465-4181
CONTRACT NO. 70788

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 18, 2014

Kensil A. Savetti
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER *etc*

John D. Baranzelli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

Jan 30, 2015

Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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1	COVER SHEET
2	INDEX OF SHEETS & LIST OF HIGHWAY STANDARDS
3-4	GENERAL NOTES
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12-19	EXISTING TYPICAL CROSS SECTIONS
20-26	PROPOSED TYPICAL CROSS SECTIONS
27-28	I-74 STAGING TYPICAL CROSS SECTIONS
29-40	SCHEDULE OF QUANTITIES
41-57	PLAN SHEETS
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59	FAS 331 (CH 10) RAMP CLASS B PATCH DETAIL
60-84	STRUCTURE DETAILS (SN 092-0003, SN 092-0004, & SN 092-0075)
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91-99	TRAFFIC CONTROL DETAILS
100-105	PAVEMENT MARKING DETAILS
106	MEDIAN CROSSOVER DETAILS

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
420701-02	PAVEMENT FABRIC
442101-07	CLASS B PATCHING
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15 FT. (4.5 M) AWAY
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS DAY ONLY
701316-09	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS > 45 MPH
701400-08	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-09	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-10	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701426-07	LANE CLOSURE, MULTILANE, INTERMITTANT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701428	TRAFFIC CONTROL SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701901-04	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME =	USER NAME = jaynedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\avidot\jaynedf\0328444\0579788-shit-gennote.dgn	DRAWN -	REVISED -	74				VERMILION	106	002	
PLOT SCALE = 48.0000' / 1" =	CHECKED -	REVISED -	* 10192-8,9IRS-2,(92-10IRS-3			CONTRACT NO. 70788				
PLOT DATE = 12/18/2014	DATE -	REVISED -	SCALE:			SHEET 1 OF 3 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. - 105.07

EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL NOTIFY THE DISTRICT OPERATIONS ENGINEER TWO WEEKS PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES. THE STATE WILL THEN LOCATE AND MARK THE HORIZONTAL LOCATIONS OF THE LINES AND PROVIDE ANY AVAILABLE INFORMATION AS TO THEIR DEPTH. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AND 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 LOCATING 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. - 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. - 202 (SPECIAL)

REMOVAL OF EXISTING PIPE UNDERDRAINS SHALL BE INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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/yd	FM-01 (SPECIAL)	15 lb/yd
A-1	HFP-CRSP	0.25 gal/yd	FM-20 (SPECIAL)	15 lb/yd

AGGREGATE GRADATION:

TOTAL PERCENT PASSING

SIEVE NUMBER	FM-01 (SPECIAL)	FM-20 (SPECIAL)
3/8 in.	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.

G.N. - 406

THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N. - 406.10

FOR MULTILANE RESURFACING

WHEN BEGINNING THE RESURFACING WITH NEW MIXTURES FOR LEVELING BINDER, BINDER COURSE, AND SURFACE COURSE MIXTURES, THE WORK WILL BE CONFINED TO THE INSIDE TRAFFIC LANE (PASSING LANE) FIRST. THE WORK WILL REMAIN ON THE INSIDE LANE UNTIL THE MIX HAS BEEN ADJUSTED AND APPROVED BY THE ENGINEER BEFORE ANY RESURFACING IS ALLOWED ON THE OUTSIDE (DRIVING) TRAFFIC LANE(S). ANY DELAYS OR INCONVENIENCES CAUSED THE CONTRACTOR IN COMPLYING WITH THIS REQUIREMENT WILL BE CONSIDERED INCIDENTAL TO THE VARIOUS HOT-MIX ASPHALT PAY ITEMS, AS SHOWN IN THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N. - 406H

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location(s):	I 74 (Sta 1180+00.00 to Sta 1683+00.00)	I 74 (Sta 1180+00.00 to Sta 1507+04.00), FAS 331 (CH 10) Ramps, SN 092-0075
Mixture Use(s):	Polymerized FG Binder	Polymerized Surface
AC/PG:	SBS PG 70-22	SBS PG 70-22
RAP %: (Max) **	*	*
Design Air Voids:	4.0% @ Ndes=90	4.0% @ Ndes=90
Mixture Composition: (Gradation Mixture)	IL 19.0 FG	IL 9.5
Friction Aggregate:	N/A	Mix "D"
Quality Management Program	PFPP	PFPP
Sublot Size	1000	1000

Location(s):	I 74 (Sta 1507+04.00 to Sta 1683+00.00)	I 74 (Sta 1180+00.00 to Sta 1683+00.00)
Mixture Use(s):	Polymerized Surface	INC. HMA, PL SHLD, DL SHLD, FAS 331 (CH 10) Outside Ramp SHLD Top 1 1/2" Lift, SN 092-0075
AC/PG:	SBS PG 70-22	PG 64-22
RAP %: (Max) **	*	*
Design Air Voids:	4.0% @ Ndes=90	4.0% @ Ndes=30
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 9.5L
Friction Aggregate:	Mix "E"	Mix "C"
Quality Management Program	PFPP	QC/QA
Sublot Size	1000	N/A

Location(s):	FAS 331 (CH 10) RAMPS
Mixture Use(s):	Outside Ramp SHLD (Bottom 11")
AC/PG:	PG 64-22
RAP %: (Max) **	*
Design Air Voids:	4.0% @ Ndes=50
Mixture Composition: (Gradation Mixture)	IL 19.0 FG
Friction Aggregate:	N/A
Quality Management Program	QC/QA
Sublot Size	N/A

PFPP : HOT-MIX ASPHALT PAY FOR PERFORMANCE USING PERCENT WITHIN LIMITS
 QC/QA : HOT-MIX ASPHALT QUALITY CONTROL FOR PERFORMANCE
 OCAA : HOT-MIX ASPHALT - ASSURANCE AND ACCEPTANCE
 QC/QA : HOT-MIX ASPHALT QUALITY CONTROL/QUALITY ASSURANCE
 * SEE RAP/RAS SPECIAL PROVISION

GENERAL NOTES

G.N. - 442B - PATCHING SCHEDULES

THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N. - 482

ALL LOW ESAL MIXTURE PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 - 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION MIXES. THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/QA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR THE IL 9.5L USING STANDARD CORRELATION PROCEDURES WHEN MORE THAN 3,000 TONS ARE TO BE PLACED.

G.N. - 609

PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS, THE CONTRACTOR SHALL SECURE THE GRATINGS ON SHOULDER INLETS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

G.N. - 703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N. - 781

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N. - 1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

G.N. - X783

LETTER AND SYMBOL PAVEMENT MARKINGS SHALL NOT BE RECESSED, BUT SHALL BE APPLIED PER SECTION 780.11 OF THE SUPPLEMENTAL SPECIFICATIONS.

MATERIAL TRANSFER DEVICE (MTD) INFORMATION

BASED ON STRUCTURAL ANALYSIS, THE FOLLOWING SHOULD BE NOTED WITH REGARDS TO MATERIAL TRANSFER DEVICES (MTD) TRAVELING OVER EXISTING STRUCTURES:

ONLY AN EMPTY MATERIAL TRANSFER DEVICE MAY PASS OVER THE FOLLOWING STRUCTURES:

SN 092-0001	SN 092-0002
SN 092-2000	SN 092-0003
SN 092-0004	SN 092-8600
SN 092-8601	

STRUCTURE INFORMATION

STRUCTURE	SCOPE OF WORK
SN 092-0152	OMISSION - OVERHEAD
SN 092-0001	OMISSION - MAINLINE
SN 092-0002	OMISSION - MAINLINE
SN 092-0115	OMISSION - OVERHEAD
SN 092-2000	HMA INLAY - MAINLINE, SCOUR MITIGATION
SN 092-0148	OMISSION - OVERHEAD
SN 092-0075	BRIDGE DECK REPAIRS - OVERHEAD
SN 092-0125	OMISSION - OVERHEAD
SN 092-0003	BRIDGE JOINT REPAIRS - MAINLINE
SN 092-0004	BRIDGE JOINT REPAIRS - MAINLINE
SN 092-8600	HMA INLAY - MAINLINE
SN 092-0127	OMISSION - OVERHEAD
SN 092-8601	OMISSION - MAINLINE

COMMITMENTS

THERE ARE NO COMMITMENTS ON THIS PROJECT

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\evidot\jaymedf\2020444\0578788-hst-general.dgn	DRAWN -	REVISED -	74			*	VERMILION	106	004	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	* 10492-8,9IRS-2,102-10IRS-3			CONTRACT NO. 70788				
MODELNAME#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET 2 OF 2 SHEETS		STA.	TO STA.	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAI 74			
				RURAL	SN 092-0003 & SN 092-0004	SN 092-0075	SN 092-2000
				VERMILION CO	RURAL	RURAL	RURAL
				90% / 10%	VERMILION CO	VERMILION CO	VERMILION CO
				90% / 10%	90% / 10%	90% / 10%	90% / 10%
				0004	0014	0014	0014
20200100	EARTH EXCAVATION	CU YD	3264.0	3264.0			
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	16.0	16.0			
20300100	CHANNEL EXCAVATION	CU YD	644.0				644.0
21400100	GRADING AND SHAPING DITCHES	FOOT	1695.0	1452.0			243.0
28100107	STONE RIPRAP, CLASS A4	SQ YD	959.0				959.0
28100109	STONE RIPRAP, CLASS A5	SQ YD	1564.0				1564.0
28200200	FILTER FABRIC	SQ YD	2523.0				2523.0
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	3792.0	3792.0			
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5233.0	5233.0			
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	22398.0	22398.0			
40300600	SEAL COAT AGGREGATE	TON	694.0	694.0			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	241134.0	241134.0			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	4270.0	4270.0			
40603243	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90	TON	46630.0	46630.0			

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAI 74			
				RURAL VERMILION CO 90% / 10%	SN 092-0003 & SN 092-0004 RURAL VERMILION CO 90% / 10%	SN 092-0075 RURAL VERMILION CO 90% / 10%	SN 092-2000 RURAL VERMILION CO 90% / 10%
				0004	0014	0014	0014
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	18149.0	18061.0		88.0	
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	9047.0	9047.0			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	42.0	42.0			
44000100	PAVEMENT REMOVAL	SQ YD	6934.4	6934.4			
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	23108.0	23108.0			
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	66448.0	66448.0			
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	16384.0	16384.0			
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	113293.0	113293.0			
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	113716.0	113716.0			
44000174	HOT-MIX ASPHALT SURFACE REMOVAL, 6 1/4"	SQ YD	16384.0	16384.0			
44004250	PAVED SHOULDER REMOVAL	SQ YD	262.0	262.0			
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	131.0	131.0			
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	44.0	44.0			
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	831.0	831.0			

* SPECIALTY ITEM

FILE NAME :	USER NAME : jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
o:\p\work\p\dot\jaymedf\0328444\0572789-shr-500.dgn	PLOT SCALE * 48,0000' / in.	DRAWN -	REVISED -			74	*	VERMILION	106	006	
\$MODELNAME\$	PLOT DATE * 12/19/2014	CHECKED -	REVISED -			SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.		* 10192-8,91RS-2,(92-10RS-3		CONTRACT NO. 70788	
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAI 74			
				RURAL VERMILION CO 90% / 10% 0004	SN 092-0003 & SN 092-0004 RURAL VERMILION CO 90% / 10% 0014	SN 092-0075 RURAL VERMILION CO 90% / 10% 0014	SN 092-2000 RURAL VERMILION CO 90% / 10% 0014
				44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	852.0
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SQ YD	52.0	52.0			
44201037	CLASS B PATCHES, TYPE IV, 15 INCH	SQ YD	130.0	130.0			
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	75.0	75.0			
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	32.0	32.0			
44201299	DOWEL BARS 1 1/2"	EACH	2928.0	2928.0			
44213100	PAVEMENT FABRIC	SQ YD	1090.0	1090.0			
44213200	SAW CUTS	FOOT	7328.0	7328.0			
44213204	TIE BARS 3/4"	EACH	306.0	306.0			
48203100	HOT-MIX ASPHALT SHOULDERS	TON	7760.0	7760.0			
50157300	PROTECTIVE SHIELD	SQ YD	311.0		311.0		
* 58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	794.0		794.0		
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8.0	8.0			
60100080	FRENCH DRAINS	CU YD	1184.0	1184.0			

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAI 74			
				RURAL VERMILION CO 90% / 10% 0004	SN 092-0003 & SN 092-0004 RURAL VERMILION CO 90% / 10% 0014	SN 092-0075 RURAL VERMILION CO 90% / 10% 0014	SN 092-2000 RURAL VERMILION CO 90% / 10% 0014
				60100085	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ YD	14464.0
60107600	PIPE UNDERDRAINS 4"	FOOT	5008.0	5008.0			
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	120.0	120.0			
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	197860.0	197860.0			
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MD	8.0	8.0			
67100100	MOBILIZATION	L SUM	1.0	1.0			
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1.0			1.0	
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	4.0	4.0			
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	10.0	10.0			
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.0	1.0			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	167.0	167.0			
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1.0			1.0	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1.0	1.0			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	18128.0	18128.0			

* SPECIALTY ITEM

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwork\pwork\jaymedf\0320444\0570788-sht-500.dgn		DRAWN -	REVISED -			74	-	VERMILION	106	008
MODELNAME	PLOT SCALE = 48,0000 1" = 100'	CHECKED -	REVISED -		SCALE:	- 10192-8.9RS-2.192-10RS-3		CONTRACT NO. 70788		
	PLOT DATE = 12/10/2014	DATE -	REVISED -		SHEET 4 OF 7 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAI 74			
				RURAL	SN 092-0003 & SN 092-0004	SN 092-0075	SN 092-2000
				VERMILION CO 90% / 10% 0004	VERMILION CO 90% / 10% 0014	VERMILION CO 90% / 10% 0014	VERMILION CO 90% / 10% 0014
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	187.2	187.2			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	169665.0	169665.0			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	365.0	365.0			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	762.0	762.0			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	294.0	294.0			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	80.0	80.0			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	63938.0	63938.0			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3250.0	3250.0			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3250.0	3250.0			
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4.0	4.0			
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4.0	4.0			
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	56431.0	56431.0			
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	187.2	187.2			
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	113234.0	113234.0			

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAI 74			
				RURAL VERMILION CO	SN 092-0003 & SN 092-0004 RURAL VERMILION CO	SN 092-0075 RURAL VERMILION CO	SN 092-2000 RURAL VERMILION CO
				90% / 10% 0004	90% / 10% 0014	90% / 10% 0014	90% / 10% 0014
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	365.0	365.0			
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	762.0	762.0			
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	294.0	294.0			
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	80.0	80.0			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2973.0	2973.0			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	39086.0	39086.0			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2973.0	2973.0			
X0321962	CONNECTION OF EXISTING PIPE UNDERDRAIN	EACH	4.0	4.0			
X7010410	SPEED DISPLAY TRAILER	CAL MO	7.0	7.0			
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	348.0	348.0			
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1.0	1.0			
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	113234.0	113234.0			
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	365.0	365.0			
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	762.0	762.0			

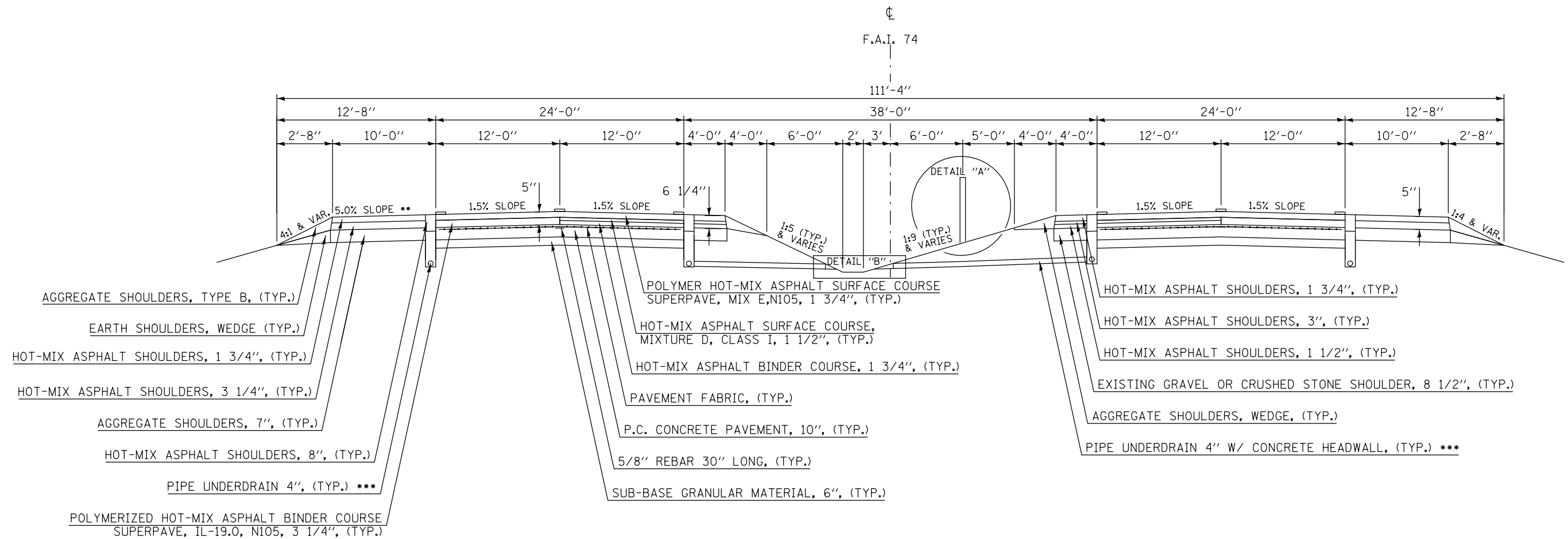
* SPECIALTY ITEM

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAI 74			
				RURAL VERMILION CO 90% / 10% 0004	SN 092-0003 & SN 092-0004 RURAL VERMILION CO 90% / 10% 0014	SN 092-0075 RURAL VERMILION CO 90% / 10% 0014	SN 092-2000 RURAL VERMILION CO 90% / 10% 0014
				* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	294.0
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	80.0	80.0			
XX007259	SIGN AND POST REMOVAL	EACH	1.0	1.0			
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	783.0			783.0	
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	25.0			25.0	
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	65.0			65.0	
Z0021904	SILICONE JOINT SEALER, 1"	FOOT	32.0			32.0	
Z0021906	SILICONE JOINT SEALER, 1.5"	FOOT	64.0			64.0	
Z0021912	SILICONE JOINT SEALER, 2.5"	FOOT	147.0		147.0		
Z0024478	FLEXIBLE DELINEATORS	EACH	6.0	6.0			
Z0034105	MATERIAL TRANSFER DEVICE	TON	71844.0	71844.0			
Z0041895	POLYMER CONCRETE	CU FT	18.5		18.5		* SPECIALTY ITEM

EXISTING TYPICAL CROSS SECTION

STATION 1180+00.00* TO STATION 1183+97.50*
 STATION 1241+16.50* TO STATION 1264+60.00*
 STATION 1286+13.00* TO STATION 1299+95.50*
 STATION 1320+66.00* TO STATION 1338+42.50*
 STATION 1413+57.50* TO STATION 1470+17.50*



* SEE SHEET NO. 17

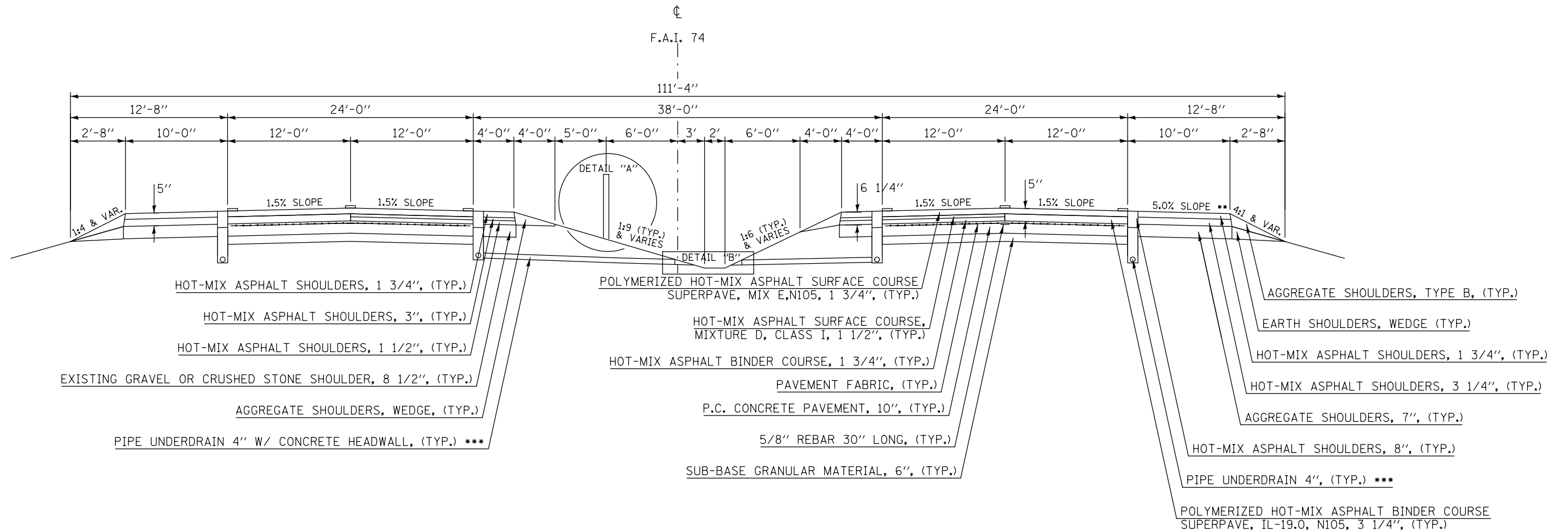
** ALLOWABLE MINIMUM SHOULDER SLOPE = 4.0%
 ALLOWABLE MAXIMUM SHOULDER SLOPE = 6.0%

*** PIPE UNDERDRAIN 4"
 STATION 1224+97 TO STATION 1583+97
 STATION 1667+50 TO STATION 1720+00
 PIPE UNDERDRAIN 6"
 STATION 1583+97 TO STATION 1667+50

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION FAI 74			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\jaymedf\d0328444\0570788-sht-Typicals.dgn		DRAWN -	REVISED -		74	10(92-8,9)RS-2,(92-10)	VERMILION	106	012	CONTRACT NO. 70788		
MODELNAME		CHECKED -	REVISED -		SCALE:	SHEET 001	OF 008 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -									

EXISTING TYPICAL CROSS SECTION

STATION 1183+97.50* TO STATION 1224+77.59* (BK)
 (AH) STATION 1224+63.88* TO STATION 1241+16.50*
 STATION 1264+60.00* TO STATION 1286+13.00*
 STATION 1299+95.50* TO STATION 1320+66.00*
 STATION 1338+42.50* TO STATION 1413+57.50*
 STATION 1470+17.50* TO STATION 1575+00.00*
 STATION 1576+75.00* TO STATION 1616+00.00*



* SEE SHEET NO. 17

** ALLOWABLE MINIMUM SHOULDER SLOPE = 4.0%
 ALLOWABLE MAXIMUM SHOULDER SLOPE = 6.0%

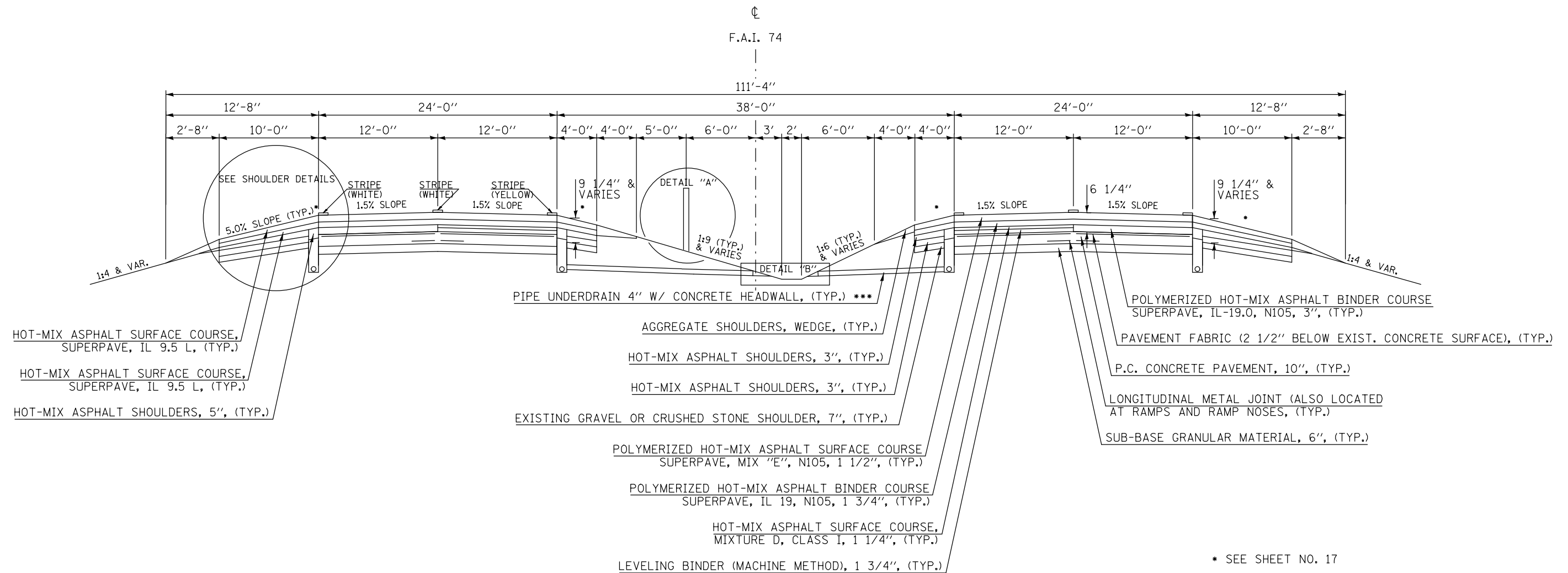
*** PIPE UNDERDRAIN 4"
 STATION 1224+97 TO STATION 1583+97
 STATION 1667+50 TO STATION 1720+00
 PIPE UNDERDRAIN 6"
 STATION 1583+97 TO STATION 1667+50

STATION EQUATION:
 STA 1224+77.59 (BK) = STA 1224+63.88 (AH)

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION FAI 74			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\work\pwork\jaymedf\d0328444\0570788-sht-Typical.s.dgn		DRAWN -	REVISED -		74	10(92-8,9)RS-2,(92-10)RS-3	VERMILION	106	013			
MODELNAME		CHECKED -	REVISED -		SCALE: SHEET 002 OF 008 SHEETS STA. TO STA.			CONTRACT NO. 70788				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

EXISTING TYPICAL CROSS SECTION

STATION 1616+00.00* TO STATION 1625+83.44* (BK)
 (AH) STATION 1626+00.00* TO STATION 1627+50.00*
 STATION 1640+00.00* TO STATION 1647+00.00*
 STATION 1648+75.00* TO STATION 1683+00.00*



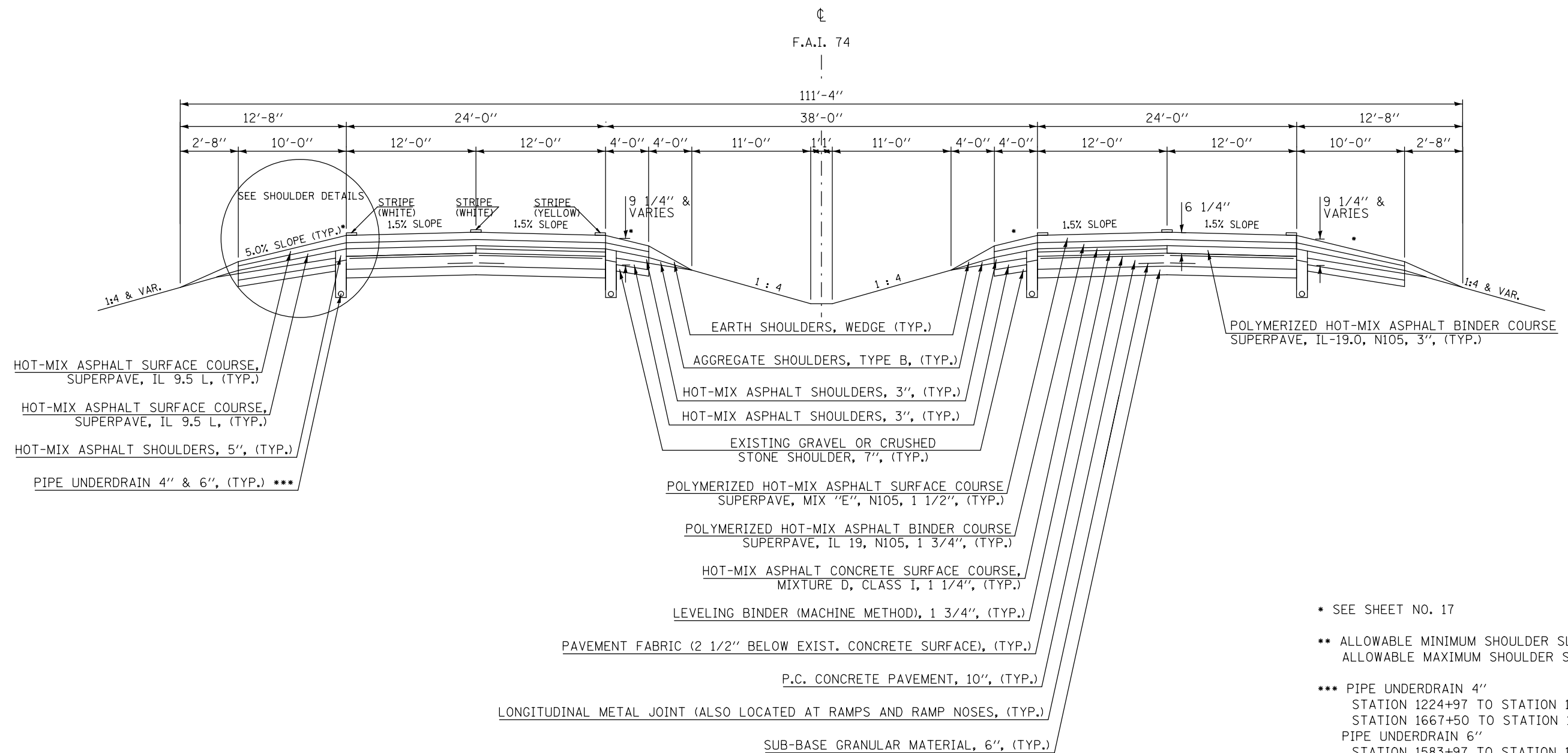
STATION EQUATION:
 STA 1625+83.44 (BK) = STA 1626+00.00 (AH)

- * SEE SHEET NO. 17
- ** ALLOWABLE MINIMUM SHOULDER SLOPE = 4.0%
 ALLOWABLE MAXIMUM SHOULDER SLOPE = 6.0%
- *** PIPE UNDERDRAIN 4"
 STATION 1224+97 TO STATION 1583+97
 STATION 1667+50 TO STATION 1720+00
 PIPE UNDERDRAIN 6"
 STATION 1583+97 TO STATION 1667+50

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION FAI 74			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\pwidot\jaymedf\d0328444\0570788-sht-typical.s.dgn		DRAWN -	REVISED -		74	10(92-8,9)RS-2,(92-10)	VERMILION	106	015			
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70788							
	PLOT DATE = 12/18/2014	DATE -	REVISED -		SCALE:	SHEET 004	OF 008 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

EXISTING TYPICAL CROSS SECTION

STATION 1627+50.00* TO STATION 1635+00.00*
 STATION 1639+00.00* TO STATION 1640+00.00*
 STATION 1647+00.00* TO STATION 1648+75.00*



* SEE SHEET NO. 17

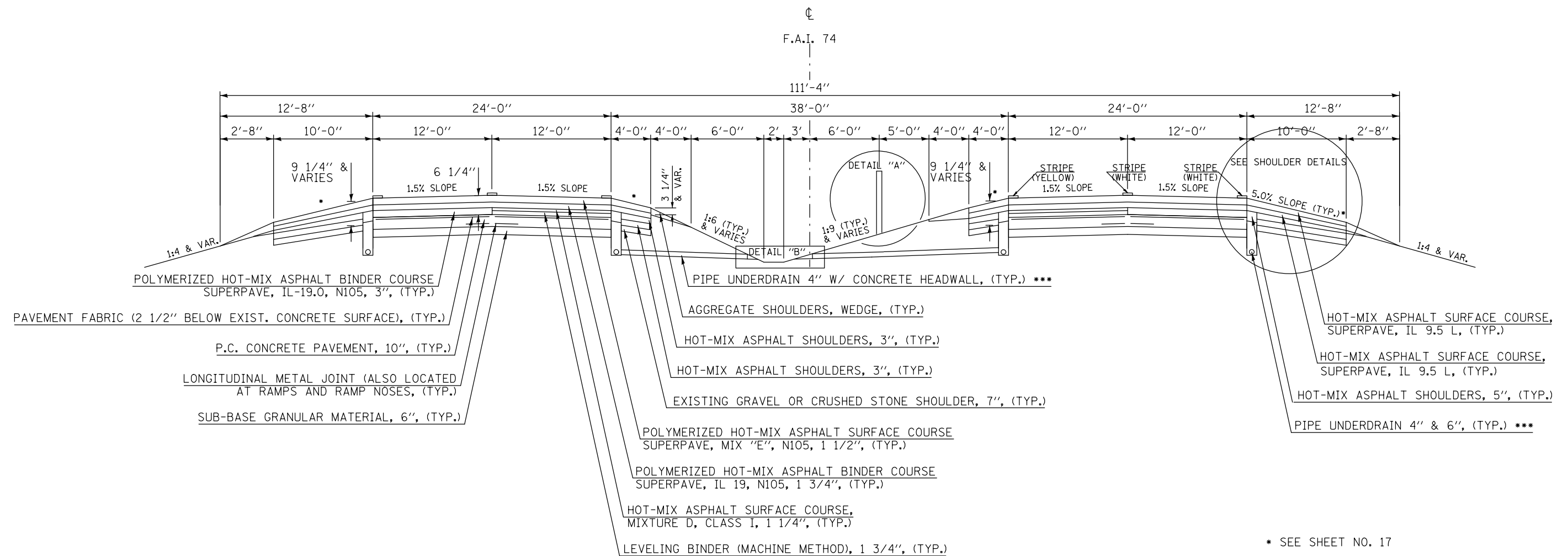
** ALLOWABLE MINIMUM SHOULDER SLOPE = 4.0%
 ALLOWABLE MAXIMUM SHOULDER SLOPE = 6.0%

*** PIPE UNDERDRAIN 4"
 STATION 1224+97 TO STATION 1583+97
 STATION 1667+50 TO STATION 1720+00
 PIPE UNDERDRAIN 6"
 STATION 1583+97 TO STATION 1667+50

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION FAI 74			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\jaymedf\d0328444\0570788-sh-typical.s.dgn		DRAWN -	REVISED -		74	10(92-8,9)RS-2,(92-10)	VERMILION	106	016			
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70788							
	PLOT DATE = 12/18/2014	DATE -	REVISED -		SCALE:	SHEET 005 OF 008 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

EXISTING TYPICAL CROSS SECTION

STATION 1635+00.00* TO STATION 1639+00.00*



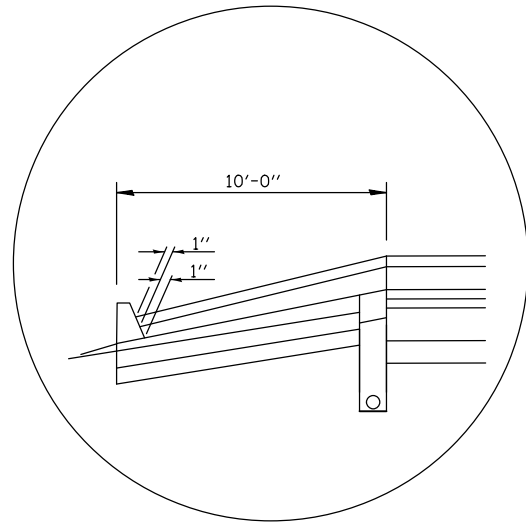
* SEE SHEET NO. 17

** ALLOWABLE MINIMUM SHOULDER SLOPE = 4.0%
ALLOWABLE MAXIMUM SHOULDER SLOPE = 6.0%

*** PIPE UNDERDRAIN 4"
STATION 1224+97 TO STATION 1583+97
STATION 1667+50 TO STATION 1720+00
PIPE UNDERDRAIN 6"
STATION 1583+97 TO STATION 1667+50

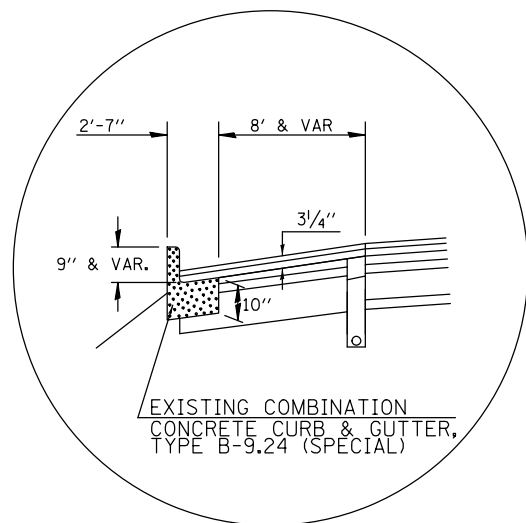
FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION FAI 74			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\pwidot\jaymedf\d0328444\0570788-sht-Typicals.dgn		DRAWN -	REVISED -		74	10(92-8,9)RS-2,(92-10)	VERMILION	106	017			
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 006 OF 008 SHEETS STA. TO STA.			CONTRACT NO. 70788				
	PLOT DATE = 12/18/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

MISC EXISTING TYPICAL CROSS SECTION DETAILS



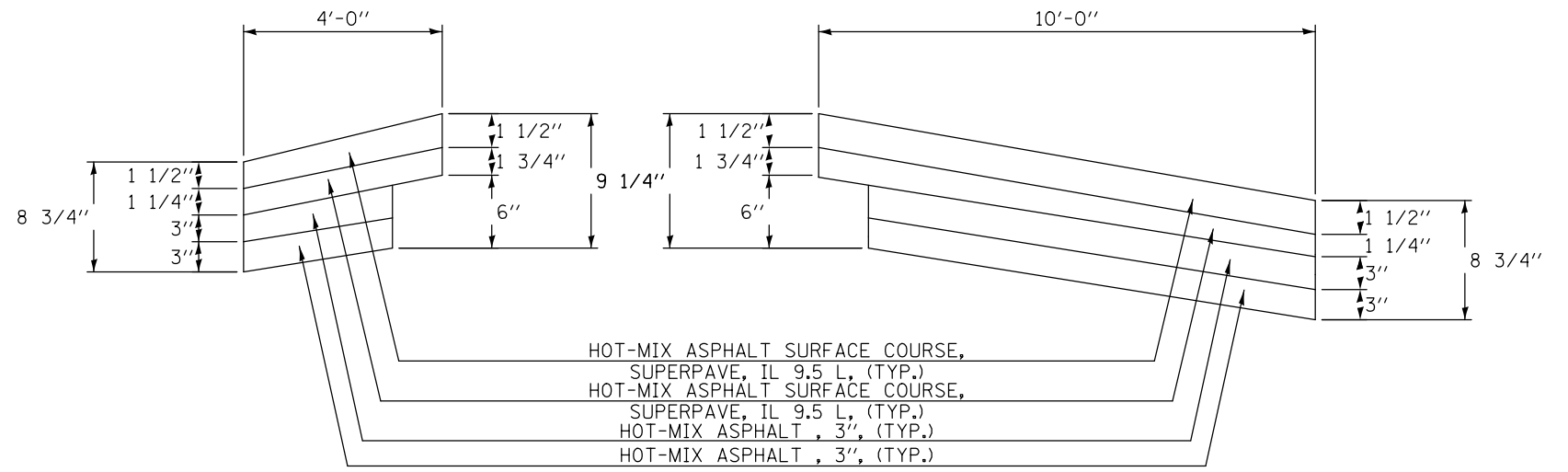
SHOULDER DETAIL

LT. 1618+87.00 TO LT. 1627+88.22
RT. 1624+65.29 TO RT. 1627+88.22



SHOULDER DETAIL

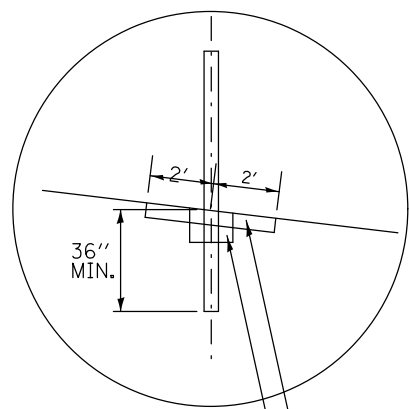
LT. 1631+89.30 TO LT. 1647+92.36 (WESTBOUND)
RT. 1631+89.63 TO RT. 1647+36.45 (EASTBOUND)



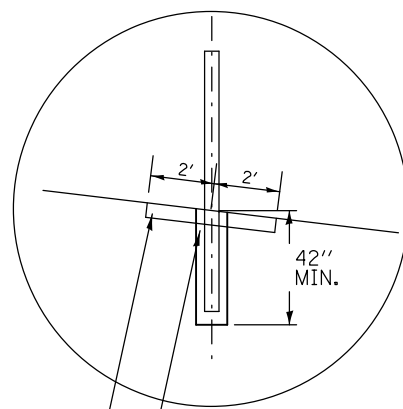
TYPICAL SHOULDER LIFT DETAIL

STA. 1616+00.00 TO STA. 1720+00.00

DETAIL "A"
HIGH TENSION
CABLE BARRIER



STA. 1504+00.00 TO STA. 1574+00.00

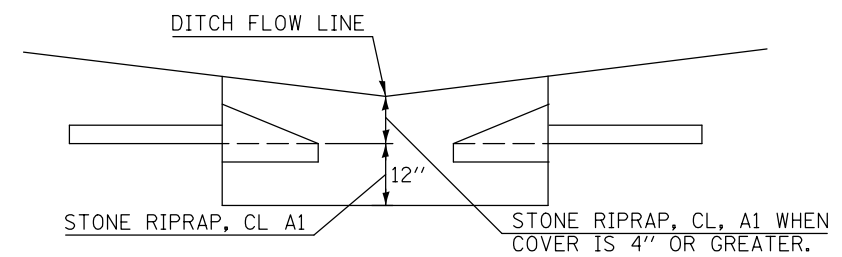


STA. 1141+80.00 TO STA. 1504+00.00

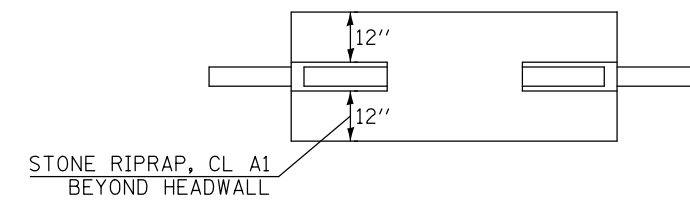
STA. 1574+00.00 TO STA. 1720+00.00

WEED CONTROL MOWING STRIP (4")
P.C. CONCRETE OR HOT-MIX ASPHALT CAP
P.C. CONCRETE POST FOUNDATION WITH SLEEVE

DETAIL "B"
UNDERDRAIN OUTLET BELOW
DITCH GRADE TYPICAL DETAIL



CROSS-SECTION VIEW



PLAN VIEW

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -
ct:\pw\work\p\dot\jaymedf\d0328444\0570788-sht-Typicals.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

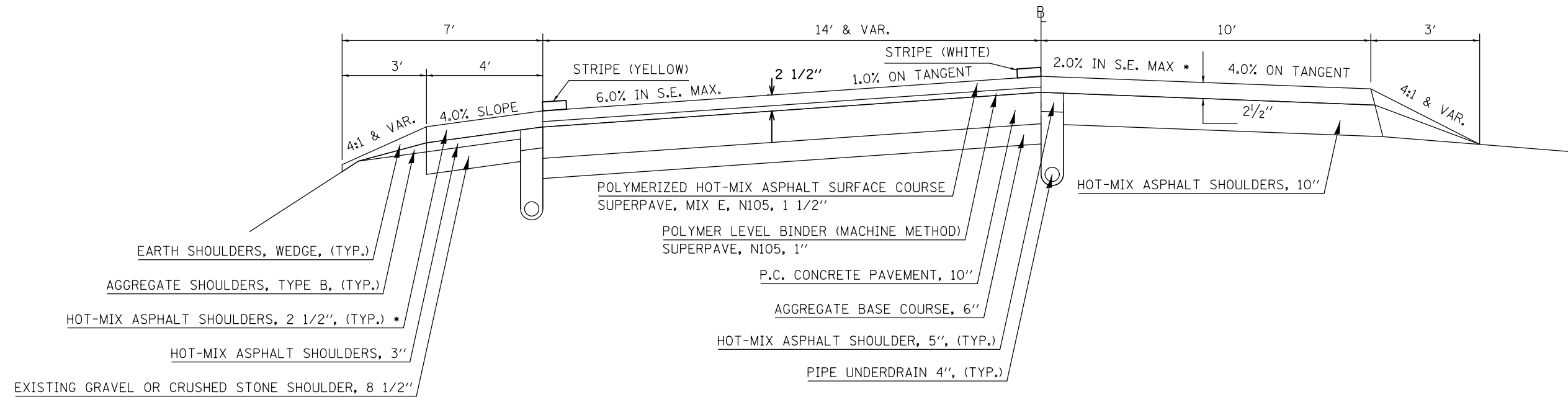
EXISTING TYPICAL CROSS SECTION
FAI 74

SCALE: SHEET 007 OF 008 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10(92-8,9)RS-2,(92-10)	VERMILION	106	018
CONTRACT NO. 70788				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION

RAMP A STATION 94+90.00 TO STATION 109+15.23
 RAMP B STATION 109+21.75 TO STATION 119+89.98
 RAMP C STATION 94+28.00 TO STATION 109+96.22
 RAMP D STATION 104+92.97 TO STATION 123+75.40

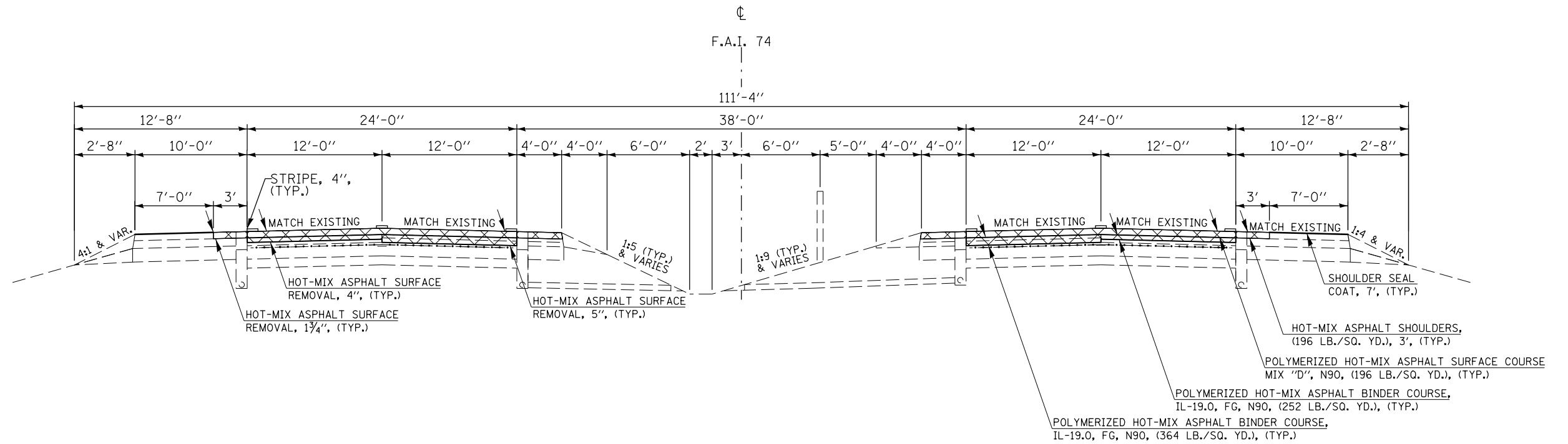


* SEE STANDARD 482001 FOR SHOULDER FOR SUPERELEVATED PAVEMENT

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION FAS 331 (CH 10) RAMPS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\pwork\jaymedf\d0328444\0570788-sht-Typical.s.dgn		DRAWN -	REVISED -			74	10(92-8,9)RS-2,(92-10)	VERMILION	106	019	
MODELNAME		CHECKED -	REVISED -			CONTRACT NO. 70788					
	PLOT DATE = 12/18/2014	DATE -	REVISED -			SCALE:	SHEET 008 OF 008 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

PROPOSED TYPICAL CROSS SECTION ①

- STATION 1180+00.00 TO STATION 1183+97.50 ②
- ②* STATION 1241+21.60 TO STATION 1264+60.00 ②
- ②* STATION 1286+13.00 TO STATION 1299+95.50 ②
- ②* STATION 1320+69.33 TO STATION 1338+42.50 ②
- ②* STATION 1413+64.00 TO STATION 1470+17.50 ②



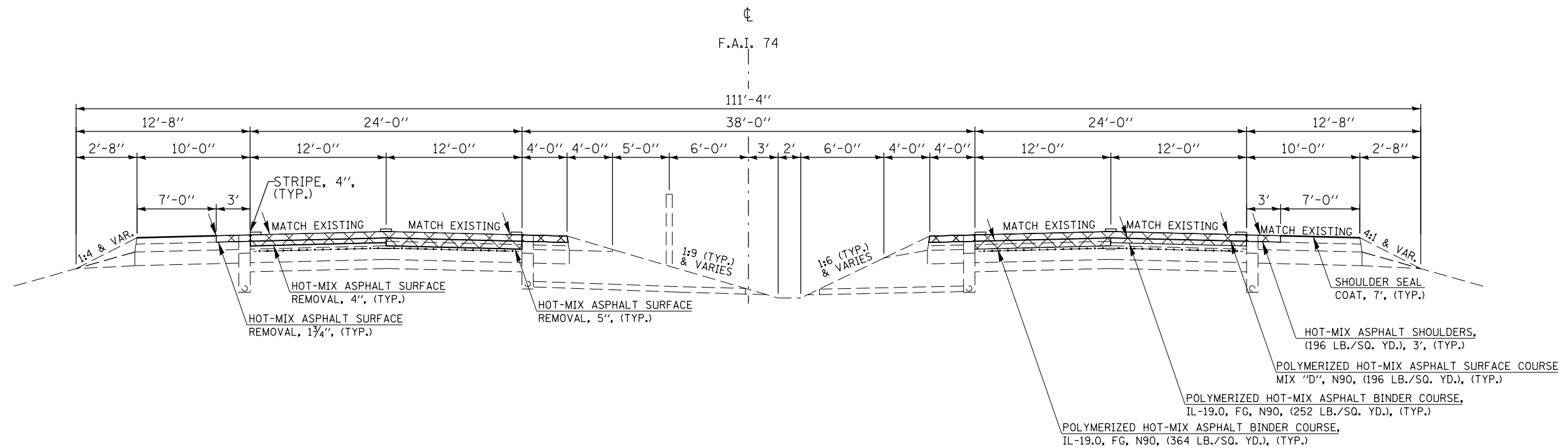
* SEE DETAIL SHEET NOS. 75-79



FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION FAI 74			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\jaymedf\d0328444\0570788-sht-Typical.dgn		DRAWN -	REVISED -		74	10(92-8,9)RS-2,(92-10)	VERMILION	106	020			
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 001 OF 008 SHEETS STA. TO STA.			CONTRACT NO. 70788				
	PLOT DATE = 12/18/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PROPOSED TYPICAL CROSS SECTION ②

- ① STATION 1183+97.50 TO STATION 1224+77.59 (BK)
- (AH) STATION 1224+63.88 TO STATION 1241+21.60 *①
- ① STATION 1264+60.00 TO STATION 1286+13.00 *①
- ① STATION 1299+95.50 TO STATION 1320+69.33 *①
- ① STATION 1338+42.50 TO STATION 1413+64.00 *①
- ① STATION 1470+17.50 TO STATION 1507+04.00 ③



STATION EQUATION:
 STA 1224+77.59 (BK) = STA 1224+63.88 (AH)

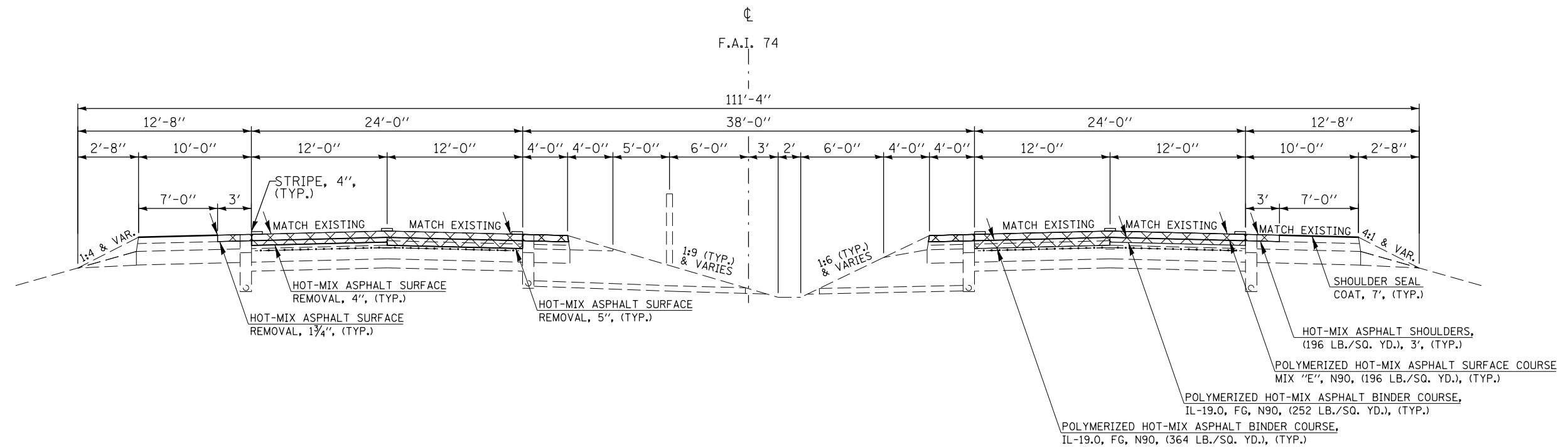
• SEE DETAIL SHEET NOS. 75-79



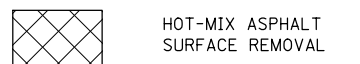
FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION FAI 74	F.A.I. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
ci:\pwork\pwork\jaymedf\d0328444\0570788-sht-typical.dgn		DRAWN -	REVISED -			74	10(92-8,9)RS-2,(92-10)	VERMILION	106	021	
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70788					
	PLOT DATE = 12/18/2014	DATE -	REVISED -			SCALE:	SHEET 002 OF 008 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

PROPOSED TYPICAL CROSS SECTION ③

② STATION 1507+04.00 TO STATION 1616+00.00 * ④



• SEE DETAIL SHEET NOS. 75-79

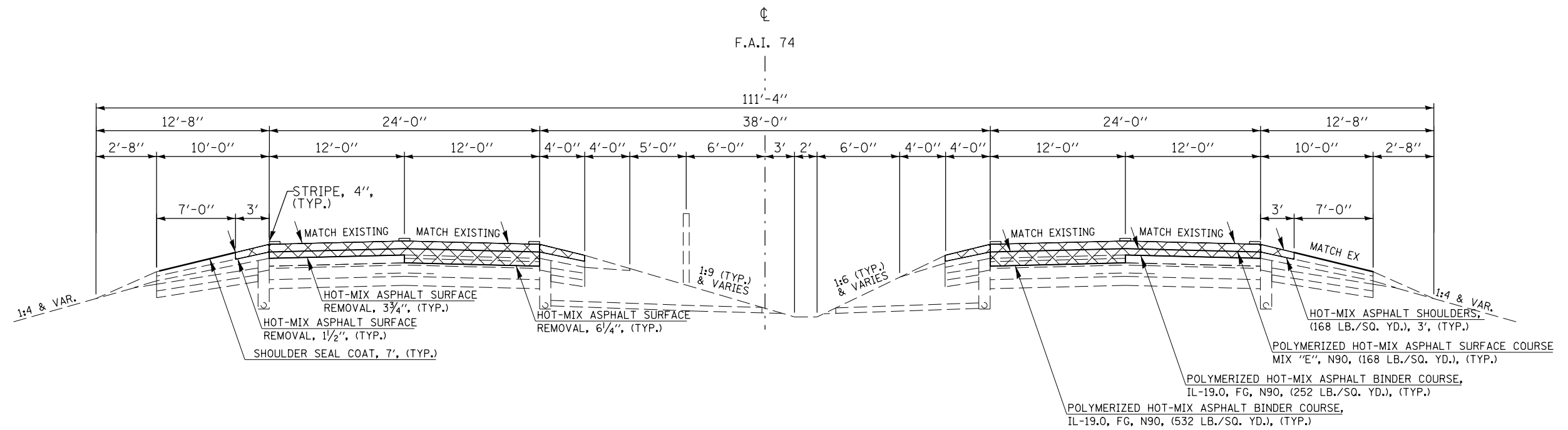


NOTE: BINDER THICKNESSES
 MINIMUM LIFT THICKNESS - 2 1/4"
 MAXIMUM LIFT THICKNESS - 4 3/4"

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION FAI 74	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\jaymedf\d0328444\0570788-sht-Typical.s.dgn		DRAWN -	REVISED -			74	10(92-8,9)RS-2,(92-10)	VERMILION	106	022	
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70789					
	PLOT DATE = 12/18/2014	DATE -	REVISED -			SCALE:	SHEET 003 OF 008 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

PROPOSED TYPICAL CROSS SECTION ④

- ③ STATION 1616+00.00 TO STATION 1625+83.44 (BK)
- (AH) STATION 1626+00.00 TO STATION 1630+00.00 * ⑤
- ⑤ STATION 1640+00.00 TO STATION 1647+00.00 ⑤
- ⑤ STATION 1648+75.00 TO STATION 1683+00.00



• SEE DETAIL SHEET NOS. 75-79



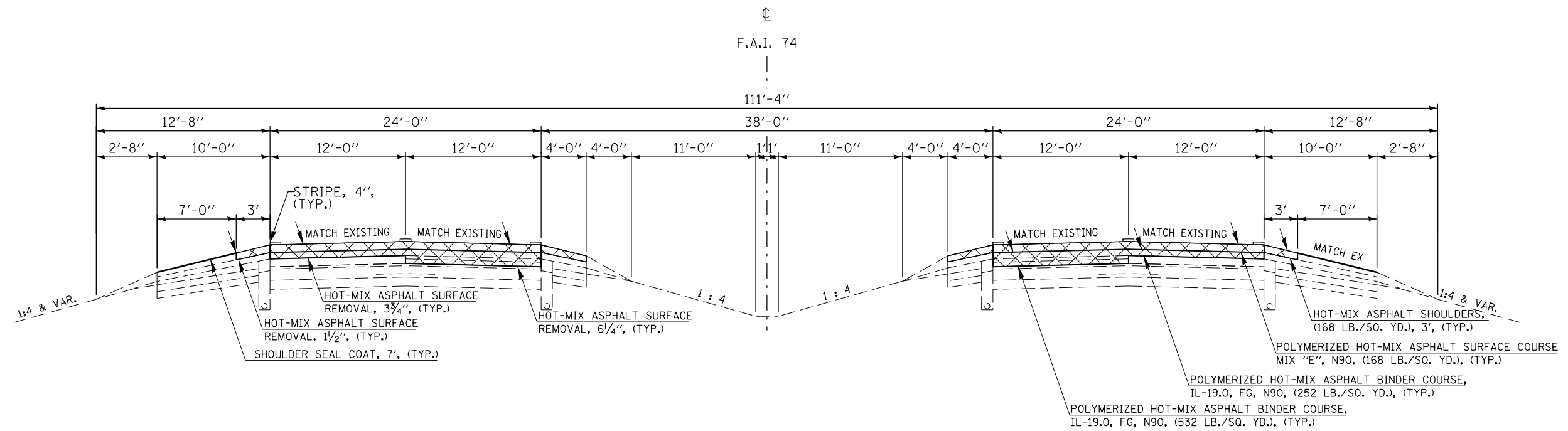
NOTE: BINDER THICKNESSES
 MINIMUM LIFT THICKNESS - 2 1/4"
 MAXIMUM LIFT THICKNESS - 4 3/4"

STATION EQUATION:
 STA 1625+83.44 (BK) = STA 1626+00.00 (AH)

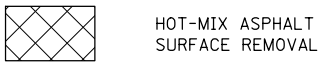
FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION FAI 74	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\pwork\jaymedf\d0328444\0570788-sht-typicals.dgn		DRAWN -	REVISED -			74	10(92-8,9)RS-2,(92-10)	VERMILION	106	023	
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70788					
	PLOT DATE = 12/18/2014	DATE -	REVISED -			SCALE:	SHEET 004 OF 007 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

PROPOSED TYPICAL CROSS SECTION ⑤

- ④ * STATION 1630+00.00 TO STATION 1635+00.00 ⑥
- ⑥ STATION 1639+00.00 TO STATION 1640+00.00 ④
- ④ STATION 1647+00.00 TO STATION 1648+75.00 ④



• SEE DETAIL SHEET NOS. 75-79

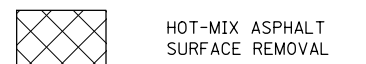
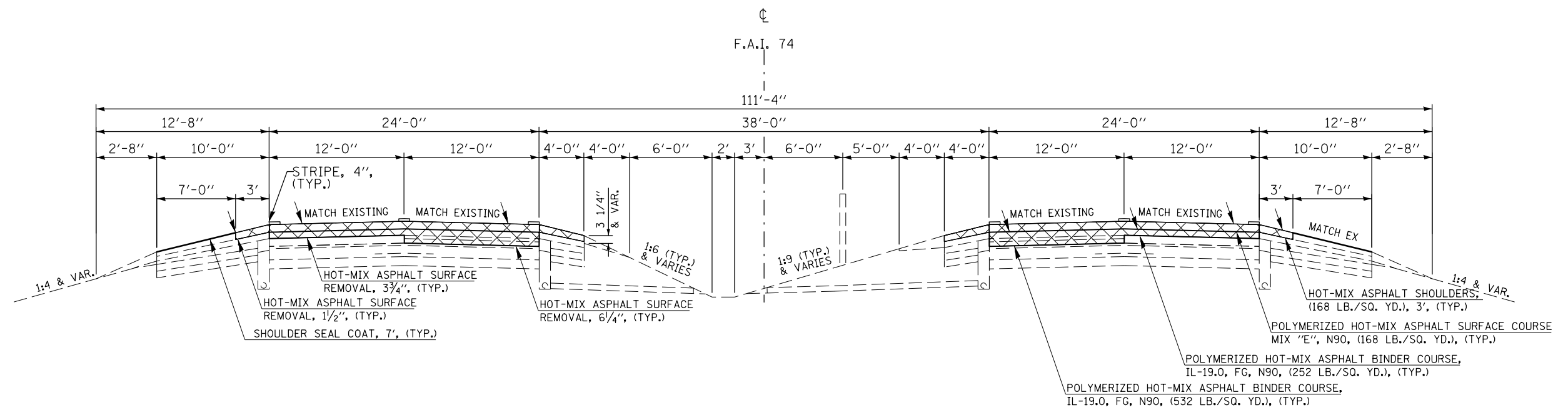


NOTE: BINDER THICKNESSES
 MINIMUM LIFT THICKNESS - 2 1/4"
 MAXIMUM LIFT THICKNESS - 4 3/4"

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION FAI 74			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\jaymedf\d0328444\0570788-sht-Typicals.dgn		DRAWN -	REVISED -		74	10(92-8,9)RS-2,(92-10)	VERMILION	106	024			
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 005 OF 007 SHEETS STA. TO STA.			CONTRACT NO. 70788				
	PLOT DATE = 12/18/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PROPOSED TYPICAL CROSS SECTION ⑥

⑤ STATION 1635+00.00 TO STATION 1639+00.00 ⑤



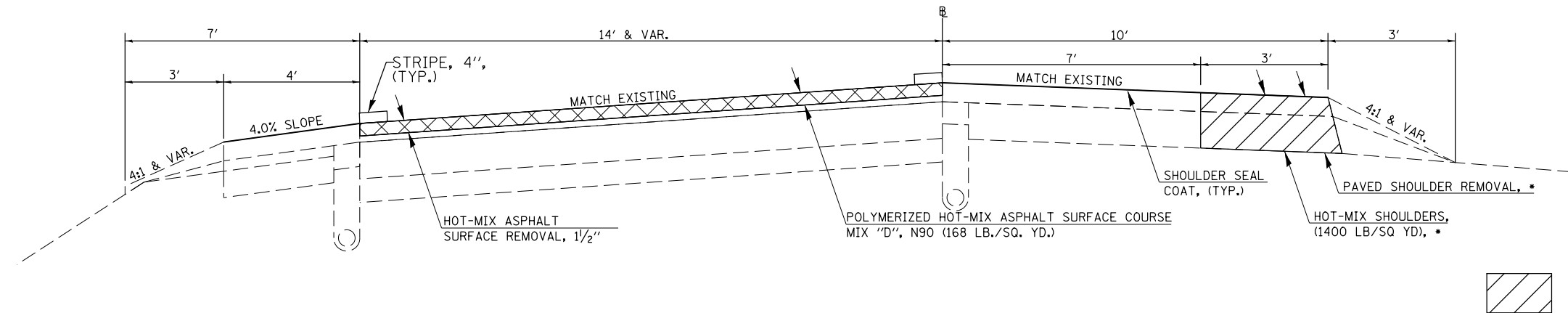
NOTE: BINDER THICKNESSES
 MINIMUM LIFT THICKNESS - 2 1/4"
 MAXIMUM LIFT THICKNESS - 4 3/4"

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION FAI 74			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\jaymedf\d0328444\0570788-sht-Typicals.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					74	10(92-8,9)RS-2,(92-10)	VERMILION	106	025
MODELNAME	PLOT DATE = 12/18/2014	CHECKED -	REVISED -		SCALE: SHEET 006 OF 007 SHEETS STA. TO STA.			CONTRACT NO. 70788				
					ILLINOIS FED. AID PROJECT							

PROPOSED TYPICAL CROSS SECTION ⑦

I-74 & FAS 331 (CH 10) INTERCHANGE RAMPS

RAMP A STA 94+90.00 TO STA 105+15.23 ⑧
 RAMP B STA 109+21.75 TO STA 119+89.98
 RAMP C STA 94+28.00 TO STA 109+96.22
 RAMP D STA 104+92.97 TO STA 123+75.40



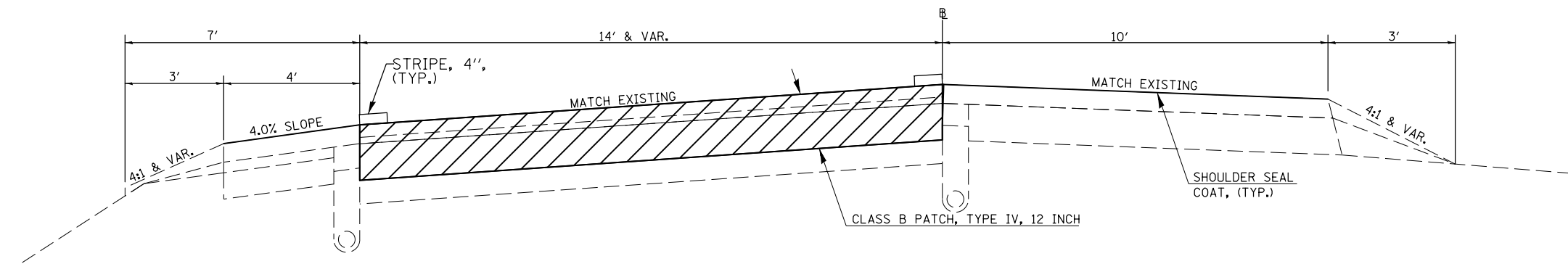
▨ BOTTOM LIFTS SHALL BE IL 19.0, FG, N90
 TOP 1/2" LIFT SHALL BE IL 9.5L

• RAMP A STATION 100+16.00 TO STATION 104+40.00
 RAMP D STATION 113+50.00 TO STATION 117+10.00

PROPOSED TYPICAL CROSS SECTION ⑧

I-74 & FAS 331 (CH 10) INTERCHANGE RAMPS

⑦ RAMP A STA. 105+15.23 TO STA 109+15.23



FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -
c:\pwork\pwork\jaymedf\d0328444\0570788-sht-Typicals.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

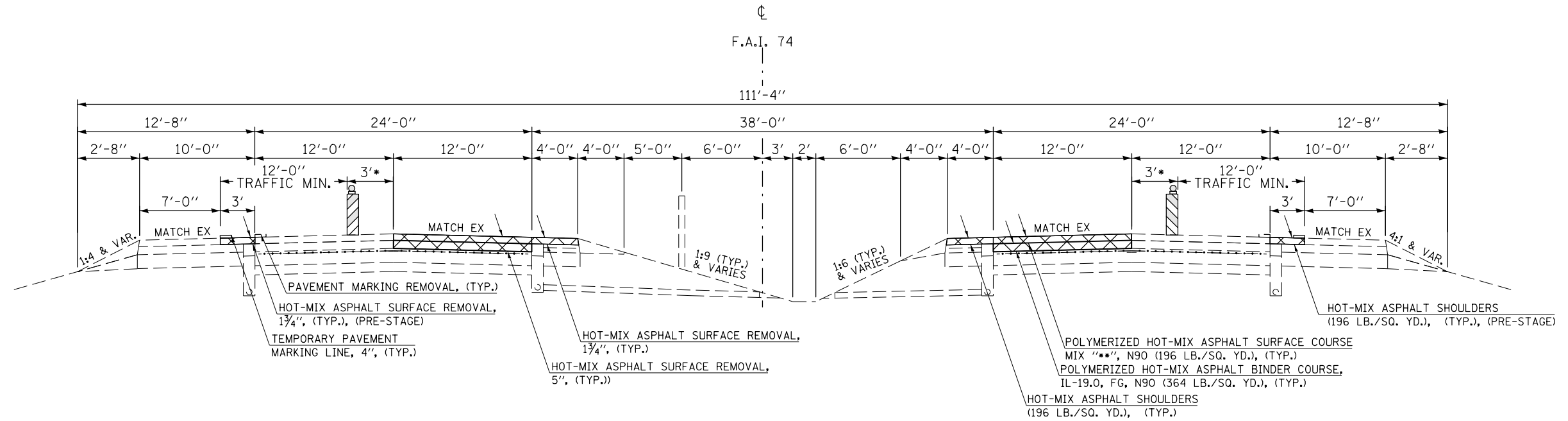
PROPOSED TYPICAL CROSS SECTION
 FAS 331 (CH 10) RAMPS

SCALE: SHEET 007 OF 007 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10(92-8,9)RS-2,(92-10)	VERMILION	106	026
CONTRACT NO. 70788				
ILLINOIS FED. AID PROJECT				

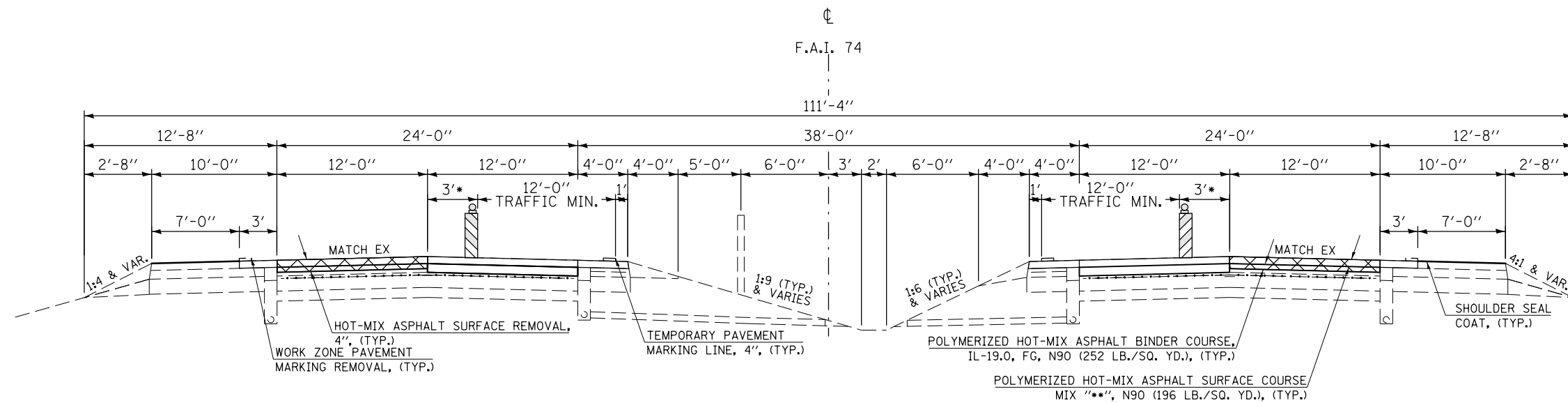
STAGE I TYPICAL CROSS SECTION

STATION 1180+00.00 TO STATION 1616+00.00



STAGE II TYPICAL CROSS SECTION

STATION 1180+00.00 TO STATION 1616+00.00



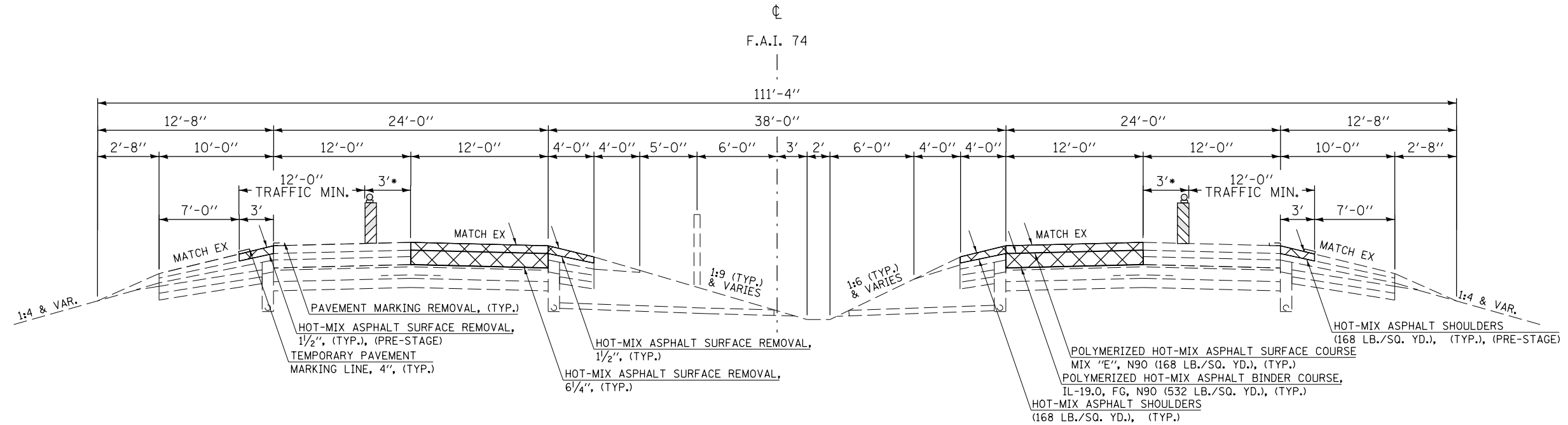
GENERAL NOTES

- HOT-MIX ASPHALT SURFACE REMOVAL
- REQUIRED DISTANCE WHEN DROP-OFF EXCEEDS 1 3/4"
- MIX "D"
- STA 1180+00.00 TO STA 1507+04.00
- MIX "E"
- STA 1507+04.00 TO 1683+00.00

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED STAGING PLAN FAI 74 (I 74)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\jaymedf\d0328444\0570788-sht-Typical1.dgn		DRAWN -	REVISED -			74	10(92-8,9)RS-2,(92-10)RS-3	VERMILION	106	027	
\$MODELNAME\$		CHECKED -	REVISED -			CONTRACT NO. 70788					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

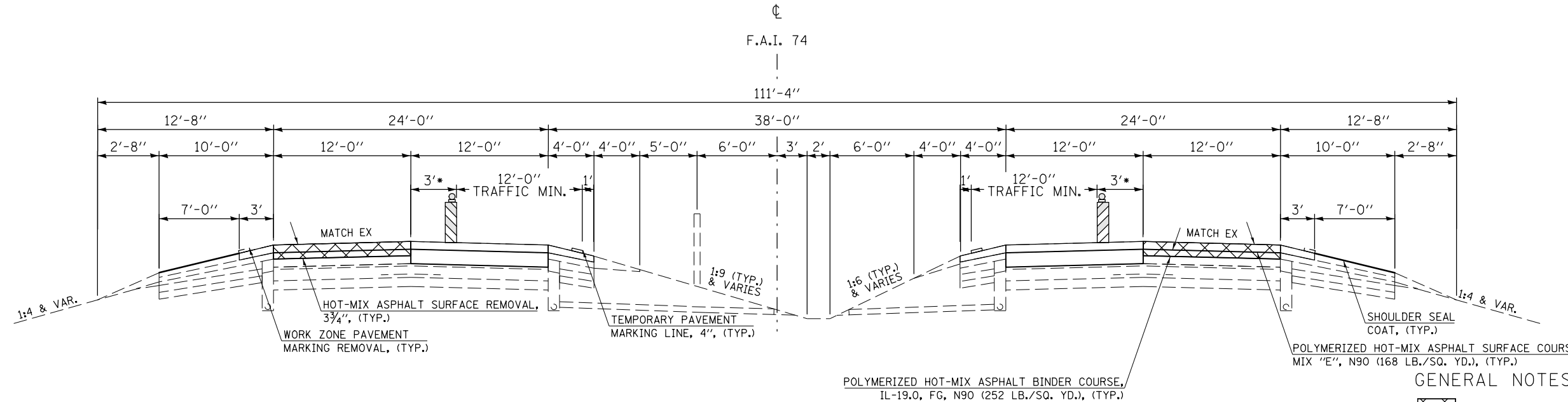
STAGE I TYPICAL CROSS SECTION

STATION 1616+00.00 TO STATION 1683+00.00



STAGE II TYPICAL CROSS SECTION

STATION 1616+00.00 TO STATION 1683+00.00



GENERAL NOTES

HOT-MIX ASPHALT SURFACE REMOVAL

* REQUIRED DISTANCE WHEN DROP-OFF EXCEEDS 1 3/4"

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED STAGING PLAN FAI 74 (I 74)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\jaymedf\d0328444\0570788-sht-Typical1.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			74	10(92-8,9)RS-2,(92-10)RS-3	VERMILION	106	028	
\$MODELNAME\$	PLOT DATE = 12/18/2014	CHECKED -	REVISED -			CONTRACT NO. 70788					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCHEDULE OF QUANTITIES

	EARTH EXCAVATION	EXCAVATING AND GRADING EXISTING SHOULDER	GRADING AND SHAPING DITCHES	SUBBASE GRANULAR MATERIAL, TYPE A	FRENCH DRAINS	GEOTECHNICAL FABRIC FOR FRENCH DRAINS		
							20200100	20200600
STA TO STA	CU YD	LF	UNIT	FOOT	TON	CU YD	SQ YD	
EB DL 1238+21.60 1239+71.60	104.0	-	-	-	122.0	37.0	452.0	
EB DL 1239+71.60 1241+21.60	104.0	-	-	-	122.0	37.0	452.0	
EB DL 1241+21.60 1242+71.60	104.0	-	-	-	122.0	37.0	452.0	
EB DL 1242+71.60 1244+21.60	104.0	-	-	-	122.0	37.0	452.0	
EB PL 1238+21.60 1239+71.60	100.0	-	-	-	115.0	37.0	452.0	
EB PL 1239+71.60 1241+21.60	100.0	-	-	-	115.0	37.0	452.0	
EB PL 1241+21.60 1242+71.60	100.0	-	-	-	115.0	37.0	452.0	
EB PL 1242+71.60 1244+21.60	100.0	-	-	-	115.0	37.0	452.0	
WB DL 1238+21.60 1239+71.60	104.0	-	-	-	122.0	37.0	452.0	
WB DL 1239+71.60 1241+21.60	104.0	-	-	-	122.0	37.0	452.0	
WB DL 1241+21.60 1242+71.60	104.0	-	-	-	122.0	37.0	452.0	
WB DL 1242+71.60 1244+21.60	104.0	-	-	-	122.0	37.0	452.0	
WB PL 1238+21.60 1239+71.60	100.0	-	-	-	115.0	37.0	452.0	
WB PL 1239+71.60 1241+21.60	100.0	-	-	-	115.0	37.0	452.0	
WB PL 1241+21.60 1242+71.60	100.0	-	-	-	115.0	37.0	452.0	
WB PL 1242+71.60 1244+21.60	100.0	-	-	-	115.0	37.0	452.0	
EB DL 1317+69.30 1319+19.30	104.0	-	-	-	122.0	37.0	452.0	
EB DL 1319+19.30 1320+69.30	104.0	-	-	-	122.0	37.0	452.0	
EB DL 1320+69.30 1322+19.30	104.0	-	-	-	122.0	37.0	452.0	
EB DL 1322+19.30 1323+69.30	104.0	-	-	-	122.0	37.0	452.0	
EB PL 1317+69.30 1319+19.30	100.0	-	-	-	115.0	37.0	452.0	
EB PL 1319+19.30 1320+69.30	100.0	-	-	-	115.0	37.0	452.0	
EB PL 1320+69.30 1322+19.30	100.0	-	-	-	115.0	37.0	452.0	
EB PL 1322+19.30 1323+69.30	100.0	-	-	-	115.0	37.0	452.0	
WB DL 1317+69.30 1319+19.30	104.0	-	-	-	122.0	37.0	452.0	
WB DL 1319+19.30 1320+69.30	104.0	-	-	-	122.0	37.0	452.0	
WB DL 1320+69.30 1322+19.30	104.0	-	-	-	122.0	37.0	452.0	
WB DL 1322+19.30 1323+69.30	104.0	-	-	-	122.0	37.0	452.0	
WB PL 1317+69.30 1319+19.30	100.0	-	-	-	115.0	37.0	452.0	
WB PL 1319+19.30 1320+69.30	100.0	-	-	-	115.0	37.0	452.0	
WB PL 1320+69.30 1322+19.30	100.0	-	-	-	115.0	37.0	452.0	
WB PL 1322+19.30 1323+69.30	100.0	-	-	-	115.0	37.0	452.0	
EB DL 1574+12.12 1577+44.96	-	332.8	4.0	333.0	-	-	-	
EB PL 1574+12.12 1577+44.96	-	332.8	4.0	333.0	-	-	-	
WB DL 1573+82.61 1577+75.11	-	392.5	4.0	393.0	-	-	-	
WB PL 1573+82.61 1577+75.11	-	392.5	4.0	393.0	-	-	-	
TOTAL	3264.0		16.0	1452.0	3792.0	1184.0	14464.0	

SCHEDULE OF QUANTITIES

EASTBOUND HMA QUANTITIES			BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	SEAL COAT AGGREGATE	BITUMINOUS MATERIALS (SHOULDER & INCIDENTAL)	BITUMINOUS MATERIALS (TRAVELLED WAY)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	INCIDENTAL HOT-MIX ASPHALT SURFACING	PAVEMENT REMOVAL	HOT-MIX ASPHALT SHOULDERS	SHOULDER RUMBLE STRIPS, 16 INCH	MATERIAL TRANSFER DEVICE
			40300100	40300300	40300600	40600275	40600275	40603243	40603545	40603570	40800050	44000100	48203100	64200116	Z0034105
STA	TO	STA	GALLON	GALLON	TON	POUND	POUND	TON	TON	TON	TON	SQ YD	TON	FOOT	TON
EB DL	1180+00.00	1224+77.59	203.0	871.0	27.0	672.0	4030.0	753.0	586.0	-	-	-	147.0	4478.0	1339.0
EB DL	1224+63.88	1238+21.60	62.0	265.0	8.0	204.0	1222.0	229.0	178.0	-	-	-	45.0	1358.0	407.0
EB DL	1238+21.60	1241+21.60	14.0	59.0	2.0	30.0	1268.0	334.0	43.0	-	-	433.4	7.0	300.0	377.0
EB DL	1241+21.60	1244+21.60	14.0	59.0	2.0	30.0	1268.0	334.0	43.0	-	-	433.4	7.0	300.0	377.0
EB DL	1244+21.60	1284+35.93	182.0	781.0	24.0	603.0	3613.0	675.0	525.0	-	-	-	132.0	4015.0	1200.0
EB DL	1284+35.93	1284+97.00	3.0	12.0	1.0	10.0	55.0	3.0	11.0	-	-	-	2.0	62.0	14.0
EB DL	1287+17.00	1287+80.93	3.0	13.0	1.0	10.0	58.0	3.0	12.0	-	-	-	3.0	64.0	15.0
EB DL	1287+80.93	1317+69.30	136.0	582.0	18.0	449.0	2690.0	503.0	391.0	-	-	-	98.0	2989.0	894.0
EB DL	1317+69.30	1320+69.30	14.0	59.0	2.0	30.0	1268.0	334.0	43.0	-	-	433.4	7.0	300.0	377.0
EB DL	1320+69.30	1323+69.30	14.0	59.0	2.0	30.0	1268.0	334.0	43.0	-	-	433.4	7.0	300.0	377.0
EB DL	1323+69.30	1411+17.00	397.0	1701.0	52.0	1313.0	7873.0	1470.0	1144.0	-	-	-	286.0	8748.0	2614.0
EB DL	1411+17.00	1412+67.00	7.0	30.0	1.0	23.0	135.0	10.0	23.0	-	-	-	5.0	150.0	33.0
EB DL	1414+61.00	1416+11.00	7.0	30.0	1.0	23.0	135.0	10.0	23.0	-	-	-	5.0	150.0	33.0
EB DL	1416+11.00	1507+04.00	413.0	1769.0	54.0	1364.0	8184.0	1528.0	1189.0	-	-	-	298.0	9093.0	2717.0
EB DL	1507+04.00	1574+12.43	305.0	1305.0	40.0	1007.0	6038.0	1128.0	-	877.0	-	-	220.0	6709.0	2005.0
EB DL	1574+12.43	1577+44.93	-	-	-	167.0	300.0	59.0	-	44.0	-	-	85.0	333.0	103.0
EB DL	1577+44.93	1616+00.00	175.0	750.0	23.0	579.0	3470.0	648.0	-	504.0	-	-	126.0	3856.0	1152.0
EB DL	1616+00.00	1625+83.44	45.0	192.0	6.0	148.0	886.0	166.0	-	111.0	-	-	28.0	984.0	277.0
EB DL	1626+00.00	1627+29.75	6.0	26.0	1.0	20.0	117.0	22.0	-	15.0	-	-	4.0	130.0	37.0
EB DL	1627+29.75	1627+87.75	3.0	12.0	1.0	9.0	53.0	12.0	-	7.0	-	-	2.0	58.0	19.0
EB DL	1632+12.25	1632+70.25	3.0	12.0	1.0	9.0	53.0	12.0	-	7.0	-	-	2.0	58.0	19.0
EB DL	1632+70.25	1683+00.00	228.0	979.0	30.0	755.0	4527.0	846.0	-	564.0	-	-	141.0	5030.0	1410.0
EB PL	1180+00.00	1224+77.59	-	-	-	896.0	4030.0	1087.0	586.0	-	-	-	196.0	4478.0	1673.0
EB PL	1224+63.88	1238+21.60	-	-	-	272.0	1222.0	330.0	178.0	-	-	-	60.0	1358.0	508.0
EB PL	1238+21.60	1241+21.60	-	-	-	45.0	1268.0	334.0	43.0	-	-	433.4	10.0	300.0	377.0
EB PL	1241+21.60	1244+21.60	-	-	-	45.0	1268.0	334.0	43.0	-	-	433.4	10.0	300.0	377.0
EB PL	1244+21.60	1284+35.93	-	-	-	803.0	3613.0	975.0	525.0	-	-	-	175.0	4015.0	1500.0
EB PL	1284+35.93	1284+97.00	-	-	-	13.0	55.0	3.0	11.0	-	-	-	3.0	62.0	14.0
EB PL	1287+17.00	1287+80.93	-	-	-	13.0	58.0	3.0	12.0	-	-	-	3.0	64.0	15.0
EB PL	1287+80.93	1317+69.30	-	-	-	598.0	2690.0	726.0	391.0	-	-	-	131.0	2989.0	1117.0
EB PL	1317+69.30	1320+69.30	14.0	59.0	2.0	45.0	1268.0	334.0	43.0	-	-	433.4	10.0	300.0	377.0
EB PL	1320+69.30	1323+69.30	14.0	59.0	2.0	45.0	1268.0	334.0	43.0	-	-	433.4	10.0	300.0	377.0
EB PL	1323+69.30	1411+17.00	-	-	-	1750.0	7873.0	2123.0	1144.0	-	-	-	382.0	8748.0	3267.0
EB PL	1411+17.00	1412+67.00	-	-	-	30.0	135.0	10.0	23.0	-	-	-	7.0	150.0	33.0
EB PL	1414+61.00	1416+11.00	-	-	-	30.0	135.0	10.0	23.0	-	-	-	7.0	150.0	33.0
EB PL	1416+11.00	1507+04.00	-	-	-	1819.0	8184.0	2207.0	1189.0	-	-	-	397.0	9093.0	3396.0
EB PL	1507+04.00	1574+12.43	-	-	-	1342.0	6541.0	1764.0	-	950.0	-	-	293.0	6709.0	2714.0
EB PL	1574+12.43	1577+44.93	-	-	-	67.0	300.0	59.0	-	44.0	-	-	34.0	333.0	103.0
EB PL	1577+44.93	1616+00.00	-	-	-	772.0	3470.0	936.0	-	504.0	-	-	168.0	3856.0	1440.0
EB PL	1616+00.00	1625+83.44	-	-	-	197.0	886.0	349.0	-	111.0	-	-	37.0	984.0	460.0
EB PL	1626+00.00	1627+29.75	-	-	-	26.0	117.0	47.0	-	15.0	-	-	5.0	130.0	62.0
EB PL	1627+29.75	1627+87.75	-	-	-	12.0	53.0	23.0	-	7.0	-	-	3.0	58.0	30.0
EB PL	1632+12.25	1632+70.25	-	-	-	12.0	53.0	23.0	-	7.0	-	-	3.0	58.0	30.0
EB PL	1632+70.25	1683+00.00	-	-	-	1006.0	4527.0	1784.0	-	564.0	-	-	188.0	5030.0	2348.0
HMA SUB-TOTAL 1			2262.0	9684.0	301.0	17323.0	97525.0	23208.0	8508.0	4331.0	0.0	3467.2	3789.0	98930.0	36047.0

SCHEDULE OF QUANTITIES

WESTBOUND HMA QUANTITIES	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	SEAL COAT AGGREGATE	BITUMINOUS MATERIALS (PRIME COAT) (SHOULDER & INCIDENTAL)	BITUMINOUS MATERIALS (PRIME COAT) (TRAVELLED WAY)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	INCIDENTAL HOT-MIX ASPHALT SURFACING	PAVEMENT REMOVAL	HOT-MIX ASPHALT SHOULDERS	SHOULDER RUMBLE STRIPS, 16 INCH	MATERIAL TRANSFER DEVICE
STA TO STA	40300100 GALLON	40300300 GALLON	40300600 TON	40600275 POUND	40600275 POUND	40603243 TON	40603545 TON	40603570 TON	40800050 TON	44000100 SQ YD	48203100 TON	64200116 FOOT	Z0034105 TON
WB DL 1180+00.00 1224+77.59	203.0	871.0	27.0	672.0	4030.0	753.0	586.0	-	-	-	147.0	4478.0	1339.0
WB DL 1224+63.88 1238+21.60	62.0	265.0	8.0	204.0	1222.0	229.0	178.0	-	-	-	45.0	1358.0	407.0
WB DL 1238+21.60 1241+21.60	14.0	59.0	2.0	30.0	1268.0	334.0	43.0	-	-	433.4	7.0	300.0	377.0
WB DL 1241+21.60 1244+21.60	14.0	59.0	2.0	30.0	1268.0	334.0	43.0	-	-	433.4	7.0	300.0	377.0
WB DL 1244+21.60 1284+35.93	182.0	781.0	24.0	603.0	3613.0	675.0	525.0	-	-	-	132.0	4015.0	1200.0
WB DL 1284+53.07 1285+16.00	3.0	13.0	1.0	10.0	57.0	3.0	12.0	-	-	-	3.0	63.0	15.0
WB DL 1287+36.00 1287+98.07	3.0	13.0	1.0	10.0	56.0	3.0	11.0	-	-	-	3.0	63.0	14.0
WB DL 1287+80.93 1317+69.30	136.0	582.0	18.0	449.0	2690.0	503.0	391.0	-	-	-	98.0	2989.0	894.0
WB DL 1317+69.30 1320+69.30	14.0	59.0	2.0	30.0	1268.0	334.0	43.0	-	-	433.4	7.0	300.0	377.0
WB DL 1320+69.30 1323+69.30	14.0	59.0	2.0	30.0	1268.0	334.0	43.0	-	-	433.4	7.0	300.0	377.0
WB DL 1323+69.30 1411+17.00	397.0	1701.0	52.0	1313.0	7873.0	1470.0	1144.0	-	-	-	286.0	8748.0	2614.0
WB DL 1411+17.00 1412+67.00	7.0	30.0	1.0	23.0	135.0	10.0	23.0	-	-	-	5.0	150.0	33.0
WB DL 1414+61.00 1416+11.00	7.0	30.0	1.0	23.0	135.0	10.0	23.0	-	-	-	5.0	150.0	33.0
WB DL 1416+11.00 1507+04.00	413.0	1769.0	54.0	1364.0	8184.0	1528.0	1189.0	-	-	-	298.0	9093.0	2717.0
WB DL 1507+04.00 1573+82.43	303.0	1299.0	39.0	1002.0	6011.0	1122.0	-	873.0	-	-	219.0	6679.0	1995.0
WB DL 1573+82.43 1577+74.93	-	-	-	197.0	354.0	19.0	-	84.0	-	-	86.0	393.0	103.0
WB DL 1577+74.93 1616+00.00	174.0	744.0	23.0	574.0	3443.0	643.0	-	500.0	-	-	125.0	3826.0	1143.0
WB DL 1616+00.00 1625+83.44	45.0	192.0	6.0	148.0	886.0	166.0	-	111.0	-	-	28.0	984.0	277.0
WB DL 1626+00.00 1627+29.75	6.0	26.0	1.0	20.0	117.0	22.0	-	15.0	-	-	4.0	130.0	37.0
WB DL 1627+29.75 1627+87.75	3.0	12.0	1.0	9.0	53.0	12.0	-	7.0	-	-	2.0	58.0	19.0
WB DL 1632+12.25 1632+70.25	3.0	12.0	1.0	9.0	53.0	12.0	-	7.0	-	-	2.0	58.0	19.0
WB DL 1632+70.25 1683+00.00	228.0	979.0	30.0	755.0	4527.0	846.0	-	564.0	-	-	141.0	5030.0	1410.0
WB PL 1180+00.00 1224+77.59	-	-	-	896.0	4030.0	1087.0	586.0	-	-	-	196.0	4478.0	1673.0
WB PL 1224+63.88 1238+21.60	-	-	-	272.0	1222.0	330.0	178.0	-	-	-	60.0	1358.0	508.0
WB PL 1238+21.60 1241+21.60	-	-	-	45.0	1268.0	334.0	43.0	-	-	433.4	10.0	300.0	377.0
WB PL 1241+21.60 1244+21.60	-	-	-	45.0	1268.0	334.0	43.0	-	-	433.4	10.0	300.0	377.0
WB PL 1244+21.60 1284+35.93	-	-	-	803.0	3613.0	975.0	525.0	-	-	-	175.0	4015.0	1500.0
WB PL 1284+53.07 1285+16.00	-	-	-	13.0	57.0	3.0	12.0	-	-	-	3.0	63.0	15.0
WB PL 1287+36.00 1287+98.07	-	-	-	13.0	56.0	3.0	11.0	-	-	-	3.0	63.0	14.0
WB PL 1287+80.93 1317+69.30	-	-	-	598.0	2690.0	726.0	391.0	-	-	-	131.0	2989.0	1117.0
WB PL 1317+69.30 1320+69.30	14.0	59.0	2.0	45.0	1268.0	334.0	43.0	-	-	433.4	10.0	300.0	377.0
WB PL 1320+69.30 1323+69.30	14.0	59.0	2.0	45.0	1268.0	334.0	43.0	-	-	433.4	10.0	300.0	377.0
WB PL 1323+69.30 1411+17.00	-	-	-	1750.0	7873.0	2123.0	1144.0	-	-	-	382.0	8748.0	3267.0
WB PL 1411+17.00 1412+67.00	-	-	-	30.0	135.0	10.0	23.0	-	-	-	7.0	150.0	33.0
WB PL 1414+61.00 1416+11.00	-	-	-	30.0	135.0	10.0	23.0	-	-	-	7.0	150.0	33.0
WB PL 1416+11.00 1507+04.00	-	-	-	1819.0	8184.0	2207.0	1189.0	-	-	-	397.0	9093.0	3396.0
WB PL 1507+04.00 1573+82.43	-	-	-	1336.0	6011.0	1621.0	-	873.0	-	-	291.0	6679.0	2494.0
WB PL 1573+82.43 1577+74.93	-	-	-	79.0	354.0	19.0	-	84.0	-	-	35.0	393.0	103.0
WB PL 1577+74.93 1616+00.00	-	-	-	766.0	3443.0	929.0	-	500.0	-	-	167.0	3826.0	1429.0
WB PL 1616+00.00 1625+83.44	-	-	-	197.0	886.0	349.0	-	111.0	-	-	37.0	984.0	460.0
WB PL 1626+00.00 1627+29.75	-	-	-	26.0	117.0	47.0	-	15.0	-	-	5.0	130.0	62.0
WB PL 1627+29.75 1627+87.75	-	-	-	12.0	53.0	23.0	-	7.0	-	-	3.0	58.0	30.0
WB PL 1632+12.25 1632+70.25	-	-	-	12.0	53.0	23.0	-	7.0	-	-	3.0	58.0	30.0
WB PL 1632+70.25 1683+00.00	-	-	-	1006.0	4527.0	1784.0	-	564.0	-	-	188.0	5030.0	2348.0
HMA SUB-TOTAL 2	2259.0	9673.0	300.0	17343.0	97022.0	22967.0	8508.0	4322.0	0.0	3467.2	3787.0	98930.0	35797.0

SCHEDULE OF QUANTITIES

OTHER HMA QUANTITIES	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	SEAL COAT AGGREGATE	BITUMINOUS MATERIALS (PRIME COAT) (SHOULDER & INCIDENTAL)	BITUMINOUS MATERIALS (PRIME COAT) (TRAVELLED WAY)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	INCIDENTAL HOT-MIX ASPHALT SURFACING	PAVEMENT REMOVAL	HOT-MIX ASPHALT SHOULDERS	SHOULDER RUMBLE STRIPS, 16 INCH	MATERIAL TRANSFER DEVICE
STA TO STA	GALLON	GALLON	TON	POUND	POUND	TON	TON	TON	TON	SQ YD	TON	FOOT	TON
REST AREA RAMPS													
ENT 1577+74.93 1589+10.72	-	-	-	-	852.0	160.0	-	124.0	-	-	-	-	-
ENT 1589+10.72 1595+74.00	-	-	-	-	796.0	149.0	-	116.0	-	-	-	-	-
ENT 1595+74.00 1597+24.00	-	-	-	-	180.0	13.0	-	30.0	-	-	-	-	-
EXIT 1605+66.30 1607+16.30	-	-	-	-	180.0	13.0	-	30.0	-	-	-	-	-
EXIT 1607+16.30 1611+06.97	-	-	-	-	469.0	88.0	-	69.0	-	-	-	-	-
EXIT 1611+06.97 1613+85.73	-	-	-	-	168.0	32.0	-	25.0	-	-	-	-	-
FAS 331 (CH 10) RAMPS													
RAMP A 90+00.00 100+16.00	93.0	396.0	12.0	-	1067.0	-	133.0	-	-	-	-	-	-
RAMP A 100+16.00 104+40.00	31.0	130.0	4.0	382.0	446.0	-	56.0	-	-	-	100.0	-	-
RAMP A 104+40.00 105+15.23	7.0	30.0	1.0	-	79.0	-	10.0	-	-	-	-	-	-
RAMP B 104+33.78 127+90.00	214.0	917.0	28.0	-	2475.0	-	308.0	-	-	-	-	-	-
RAMP C 87+74.00 109+96.22	202.0	865.0	26.0	-	2334.0	-	291.0	-	-	-	-	-	-
RAMP D 104+92.97 113+50.00	78.0	334.0	10.0	-	900.0	-	112.0	-	-	-	-	-	-
RAMP D 113+50.00 117+10.00	26.0	110.0	4.0	324.0	378.0	-	48.0	-	-	-	84.0	-	-
RAMP D 117+10.00 123+75.40	61.0	259.0	8.0	-	699.0	-	87.0	-	-	-	-	-	-
MEDIAN CROSSTOVERS													
1183+97.10	-	-	-	48.0	-	-	-	-	11.0	-	-	-	-
1330+46.80	-	-	-	48.0	-	-	-	-	11.0	-	-	-	-
1470+17.20	-	-	-	48.0	-	-	-	-	11.0	-	-	-	-
1639+46.20	-	-	-	48.0	-	-	-	-	9.0	-	-	-	-
HMA SUB-TOTAL 3	712.0	3041.0	93.0	898.0	11023.0	455.0	1045.0	394.0	42.0	0.0	184.0	0.0	0.0
HMA SUB-TOTAL 1	2262.0	9684.0	301.0	17323.0	97525.0	23208.0	8508.0	4331.0	0.0	3467.2	3789.0	98930.0	36047.0
HMA SUB-TOTAL 2	2259.0	9673.0	300.0	17343.0	97022.0	22967.0	8508.0	4322.0	0.0	3467.2	3787.0	98930.0	35797.0
HMA TOTAL	5233.0	22398.0	694.0	241134.0	46630.0	18061.0	9047.0	42.0	6934.4	7760.0	197860.0	71844.0	-

SCHEDULE OF QUANTITIES

EASTBOUND HMA REMOVAL QUANTITIES										WESTBOUND HMA REMOVAL QUANTITIES									
		HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL 4"	HOT-MIX ASPHALT SURFACE REMOVAL 5"	HOT-MIX ASPHALT SURFACE REMOVAL 6 1/4"	PAVED SHOULDER REMOVAL			HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL 4"	HOT-MIX ASPHALT SURFACE REMOVAL 5"	HOT-MIX ASPHALT SURFACE REMOVAL 6 1/4"	PAVED SHOULDER REMOVAL
STA TO STA		SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	STA TO STA		SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
EB DL 1180+00.00	1224+77.59	-	-	1493.0	-	5971.0	-	-	-	WB DL 1180+00.00	1224+77.59	-	-	1493.0	-	5971.0	-	-	-
EB DL 1224+63.88	1238+21.60	-	-	453.0	-	1811.0	-	-	-	WB DL 1224+63.88	1238+21.60	-	-	453.0	-	1811.0	-	-	-
EB DL 1238+21.60	1241+21.60	-	-	67.0	-	-	-	-	-	WB DL 1238+21.60	1241+21.60	-	-	67.0	-	-	-	-	-
EB DL 1241+21.60	1244+21.60	-	-	67.0	-	-	-	-	-	WB DL 1241+21.60	1244+21.60	-	-	67.0	-	-	-	-	-
EB DL 1244+21.60	1284+35.93	-	-	1339.0	-	5353.0	-	-	-	WB DL 1244+21.60	1284+35.93	-	-	1339.0	-	5353.0	-	-	-
EB DL 1284+35.93	1284+97.00	102.0	-	21.0	-	-	-	-	-	WB DL 1284+53.07	1285+16.00	105.0	-	21.0	-	-	-	-	-
EB DL 1287+17.00	1287+80.93	107.0	-	22.0	-	-	-	-	-	WB DL 1287+36.00	1287+98.07	104.0	-	21.0	-	-	-	-	-
EB DL 1287+80.93	1317+69.30	-	-	997.0	-	3985.0	-	-	-	WB DL 1287+80.93	1317+69.30	-	-	997.0	-	3985.0	-	-	-
EB DL 1317+69.30	1320+69.30	-	-	67.0	-	-	-	-	-	WB DL 1317+69.30	1320+69.30	-	-	67.0	-	-	-	-	-
EB DL 1320+69.30	1323+69.30	-	-	67.0	-	-	-	-	-	WB DL 1320+69.30	1323+69.30	-	-	67.0	-	-	-	-	-
EB DL 1323+69.30	1411+17.00	-	-	2916.0	-	11664.0	-	-	-	WB DL 1323+69.30	1411+17.00	-	-	2916.0	-	11664.0	-	-	-
EB DL 1411+17.00	1412+67.00	250.0	-	50.0	-	-	-	-	-	WB DL 1411+17.00	1412+67.00	250.0	-	50.0	-	-	-	-	-
EB DL 1414+61.00	1416+11.00	250.0	-	50.0	-	-	-	-	-	WB DL 1414+61.00	1416+11.00	250.0	-	50.0	-	-	-	-	-
EB DL 1416+11.00	1507+04.00	-	-	3031.0	-	12124.0	-	-	-	WB DL 1416+11.00	1507+04.00	-	-	3031.0	-	12124.0	-	-	-
EB DL 1507+04.00	1574+12.43	-	-	2237.0	-	8945.0	-	-	-	WB DL 1507+04.00	1573+82.43	-	-	2227.0	-	8905.0	-	-	-
EB DL 1574+12.43	1577+44.93	-	-	-	-	-	813.0	-	-	WB DL 1573+82.43	1577+74.93	-	-	-	-	-	960.0	-	-
EB DL 1577+44.93	1616+00.00	-	-	1286.0	-	5141.0	-	-	-	WB DL 1577+74.93	1616+00.00	-	-	1276.0	-	5101.0	-	-	-
EB DL 1616+00.00	1625+83.44	-	328.0	-	1312.0	-	-	-	-	WB DL 1616+00.00	1625+83.44	-	328.0	-	1312.0	-	-	-	-
EB DL 1626+00.00	1627+29.75	-	44.0	-	173.0	-	-	-	-	WB DL 1626+00.00	1627+29.75	-	44.0	-	173.0	-	-	-	-
EB DL 1627+29.75	1627+87.75	97.0	20.0	-	-	-	-	-	-	WB DL 1627+29.75	1627+87.75	97.0	20.0	-	-	-	-	-	-
EB DL 1632+12.25	1632+70.25	97.0	20.0	-	-	-	-	-	-	WB DL 1632+12.25	1632+70.25	97.0	20.0	-	-	-	-	-	-
EB DL 1632+70.25	1683+00.00	-	1677.0	-	6707.0	-	-	-	-	WB DL 1632+70.25	1683+00.00	-	1677.0	-	6707.0	-	-	-	-
EB PL 1180+00.00	1224+77.59	-	-	1991.0	-	5971.0	-	-	-	WB PL 1180+00.00	1224+77.59	-	-	1991.0	-	5971.0	-	-	-
EB PL 1224+63.88	1238+21.60	-	-	604.0	-	1811.0	-	-	-	WB PL 1224+63.88	1238+21.60	-	-	604.0	-	1811.0	-	-	-
EB PL 1238+21.60	1241+21.60	-	-	100.0	-	-	-	-	-	WB PL 1238+21.60	1241+21.60	-	-	100.0	-	-	-	-	-
EB PL 1241+21.60	1244+21.60	-	-	100.0	-	-	-	-	-	WB PL 1241+21.60	1244+21.60	-	-	100.0	-	-	-	-	-
EB PL 1244+21.60	1284+35.93	-	-	1785.0	-	5353.0	-	-	-	WB PL 1244+21.60	1284+35.93	-	-	1785.0	-	5353.0	-	-	-
EB PL 1284+35.93	1284+97.00	109.0	-	28.0	-	-	-	-	-	WB PL 1284+53.07	1285+16.00	112.0	-	28.0	-	-	-	-	-
EB PL 1287+17.00	1287+80.93	114.0	-	29.0	-	-	-	-	-	WB PL 1287+36.00	1287+98.07	111.0	-	28.0	-	-	-	-	-
EB PL 1287+80.93	1317+69.30	-	-	1329.0	-	3985.0	-	-	-	WB PL 1287+80.93	1317+69.30	-	-	1329.0	-	3985.0	-	-	-
EB PL 1317+69.30	1320+69.30	-	-	100.0	-	-	-	-	-	WB PL 1317+69.30	1320+69.30	-	-	100.0	-	-	-	-	-
EB PL 1320+69.30	1323+69.30	-	-	100.0	-	-	-	-	-	WB PL 1320+69.30	1323+69.30	-	-	100.0	-	-	-	-	-
EB PL 1323+69.30	1411+17.00	-	-	3888.0	-	11664.0	-	-	-	WB PL 1323+69.30	1411+17.00	-	-	3888.0	-	11664.0	-	-	-
EB PL 1411+17.00	1412+67.00	267.0	-	67.0	-	-	-	-	-	WB PL 1411+17.00	1412+67.00	267.0	-	67.0	-	-	-	-	-
EB PL 1414+61.00	1416+11.00	267.0	-	67.0	-	-	-	-	-	WB PL 1414+61.00	1416+11.00	267.0	-	67.0	-	-	-	-	-
EB PL 1416+11.00	1507+04.00	-	-	4042.0	-	12124.0	-	-	-	WB PL 1416+11.00	1507+04.00	-	-	4042.0	-	12124.0	-	-	-
EB PL 1507+04.00	1574+12.43	-	-	2982.0	-	9690.0	-	-	-	WB PL 1507+04.00	1573+82.43	-	-	2969.0	-	8905.0	-	-	-
EB PL 1574+12.43	1577+44.93	-	-	-	-	592.0	-	-	-	WB PL 1573+82.43	1577+74.93	-	-	-	-	698.0	-	-	-
EB PL 1577+44.93	1616+00.00	-	-	1714.0	-	5141.0	-	-	-	WB PL 1577+74.93	1616+00.00	-	-	1701.0	-	5101.0	-	-	-
EB PL 1616+00.00	1625+83.44	-	438.0	-	-	-	1312.0	-	-	WB PL 1616+00.00	1625+83.44	-	438.0	-	-	-	-	1312.0	-
EB PL 1626+00.00	1627+29.75	-	58.0	-	-	-	173.0	-	-	WB PL 1626+00.00	1627+29.75	-	58.0	-	-	-	-	173.0	-
EB PL 1627+29.75	1627+87.75	104.0	26.0	-	-	-	-	-	-	WB PL 1627+29.75	1627+87.75	104.0	26.0	-	-	-	-	-	-
EB PL 1632+12.25	1632+70.25	104.0	26.0	-	-	-	-	-	-	WB PL 1632+12.25	1632+70.25	104.0	26.0	-	-	-	-	-	-
EB PL 1632+70.25	1683+00.00	-	2236.0	-	-	-	6707.0	-	-	WB PL 1632+70.25	1683+00.00	-	2236.0	-	-	-	-	6707.0	-
HMA REM SUB-TOTAL 1		1868.0	4873.0	33089.0	8192.0	54994.0	57144.0	8192.0	0.0	HMA REM SUB-TOTAL 2		1868.0	4873.0	33041.0	8192.0	54914.0	56572.0	8192.0	0.0

SCHEDULE OF QUANTITIES

OTHER HMA REMOVAL QUANTITIES	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL 4"	HOT-MIX ASPHALT SURFACE REMOVAL 5"	HOT-MIX ASPHALT SURFACE REMOVAL 6 1/4"	PAVED SHOULDER REMOVAL
STA TO STA	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
REST AREA RAMPS								
ENT 1577+74.93 1589+10.72	-	-	-	-	1262.0	-	-	-
ENT 1589+10.72 1595+74.00	-	-	-	-	1180.0	-	-	-
ENT 1595+74.00 1597+24.00	267.0	-	-	-	-	-	-	-
EXIT 1605+66.30 1607+16.30	267.0	-	-	-	-	-	-	-
EXIT 1607+16.30 1611+06.97	-	-	-	-	695.0	-	-	-
EXIT 1611+06.97 1613+85.73	-	-	-	-	248.0	-	-	-
FAS 331 (CH 10) RAMPS								
RAMP A 90+00.00 100+16.00	-	1581.0	-	-	-	-	-	-
RAMP A 100+16.00 104+40.00	-	660.0	-	-	-	-	-	142.0
RAMP A 104+40.00 105+15.23	-	118.0	-	-	-	-	-	-
RAMP B 104+33.78 127+90.00	-	3666.0	-	-	-	-	-	-
RAMP C 87+74.00 109+96.22	-	3457.0	-	-	-	-	-	-
RAMP D 104+92.97 113+50.00	-	1334.0	-	-	-	-	-	-
RAMP D 113+50.00 117+10.00	-	560.0	-	-	-	-	-	120.0
RAMP D 117+10.00 123+75.40	-	1036.0	-	-	-	-	-	-
MEDIAN CROSSOVERS								
1183+97.10	-	-	106.0	-	-	-	-	-
1330+46.80	-	-	106.0	-	-	-	-	-
1470+17.20	-	-	106.0	-	-	-	-	-
1639+46.20	-	950.0	-	-	-	-	-	-
HMA REM SUB-TOTAL 3	534.0	13362.0	318.0	0.0	3385.0	0.0	0.0	262.0
HMA REM SUB-TOTAL 1	1868.0	4873.0	33089.0	8192.0	54994.0	57144.0	8192.0	0.0
HMA REM SUB-TOTAL 2	1868.0	4873.0	33041.0	8192.0	54914.0	56572.0	8192.0	0.0
HMA REM TOTAL	4270.0	23108.0	66448.0	16384.0	113293.0	113716.0	16384.0	262.0

SCHEDULE OF QUANTITIES

STATION	DIR	LANE	LENGTH FOOT	WIDTH FOOT	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	DOWEL	PAVEMENT	SAW CUTS	TIE BARS	
					PATCHES, TYPE II, 12 INCH	PATCHES, TYPE III, 12 INCH	PATCHES, TYPE IV, 12 INCH	PATCHES, TYPE II, 15 INCH	PATCHES, TYPE III, 15 INCH	PATCHES, TYPE IV, 15 INCH	PATCHES, TYPE II, 16 INCH	PATCHES, TYPE III, 16 INCH	BARS 1 1/2"	FABRIC	FOOT	3/4"
					44200994	44200998	44201000	44201031	44201035	44201037	44201043	44201047	44201299	44213100	44213200	44213204
					SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	SQ YD	FOOT	EACH
1661+78.25	WB	PL	12	12	-	-	-	-	-	-	-	16.0	20.0	16.0	60.0	-
1651+77.00	WB	PL	10	12	-	-	-	-	-	-	13.3	-	20.0	-	56.0	-
1627+03.86	WB	PL	6	12	-	-	-	-	-	-	8.0	-	20.0	-	48.0	-
1622+07.66	WB	PL	6	12	-	-	-	-	-	-	8.0	-	20.0	-	48.0	-
1611+38.46	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1615+98.11	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1603+98.01	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1602+51.12	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1602+04.16	WB	PL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1601+06.23	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1591+97.91	WB	PL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1591+00.00	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1579+81.63	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1578+78.57	WB	PL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1568+50.00	WB	PL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1558+58.47	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1557+69.67	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1557+42.05	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1556+67.07	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1544+94.00	WB	PL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1542+92.00	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1531+93.02	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1526+06.16	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1518+35.98	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1514+48.39	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1487+57.23	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1486+61.58	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1482+47.09	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1475+39.68	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1468+36.25	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1465+51.29	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1446+55.22	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1390+97.53	WB	PL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1385+95.36	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1368+96.38	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1305+97.27	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1197+76.00	WB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1661+78.25	WB	DL	12	12	-	-	-	-	-	-	-	16.0	20.0	16.0	60.0	-
1657+83.55	WB	DL	6	12	-	-	-	-	-	-	8.0	-	20.0	-	48.0	-
1651+77.00	WB	DL	10	12	-	-	-	-	-	-	13.3	-	20.0	-	56.0	-
1627+03.86	WB	DL	6	12	-	-	-	-	-	-	8.0	-	20.0	-	48.0	-
1622+07.66	WB	DL	6	12	-	-	-	-	-	-	8.0	-	20.0	-	48.0	-
1603+98.01	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1602+51.12	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1602+04.16	WB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1601+06.23	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1592+89.85	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1591+97.91	WB	DL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1579+81.63	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1578+78.57	WB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1577+77.55	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
PATCH SUB-TOTAL 1					0.0	0.0	0.0	374.0	0.0	0.0	67.0	32.0	1020.0	32.0	2544.0	0.0

SCHEDULE OF QUANTITIES

STATION	DIR	LANE	LENGTH FOOT	WIDTH FOOT	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	DOWEL	PAVEMENT	SAW CUTS	TIE BARS
					PATCHES, TYPE II, 12 INCH	PATCHES, TYPE III, 12 INCH	PATCHES, TYPE IV, 12 INCH	PATCHES, TYPE II, 15 INCH	PATCHES, TYPE III, 15 INCH	PATCHES, TYPE IV, 15 INCH	PATCHES, TYPE II, 16 INCH	PATCHES, TYPE III, 16 INCH	BARS 1 1/2"	FABRIC		3/4"
					44200994	44200998	44201000	44201031	44201035	44201037	44201043	44201047	44201299	44213100	44213200	44213204
					SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	SQ YD	FOOT	EACH
1568+50.00	WB	DL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1567+50.35	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1558+58.47	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1557+69.67	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1557+42.05	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1556+67.07	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1554+69.75	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1551+74.75	WB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1547+82.09	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1544+94.00	WB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1542+92.00	WB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1536+22.45	WB	DL	12	12	-	-	-	-	16.0	-	-	-	20.0	16.0	60.0	-
1531+93.02	WB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1518+35.98	WB	DL	25	12	-	-	-	-	-	33.3	-	-	30.0	34.0	86.0	13.0
1514+48.39	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1509+53.20	WB	DL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1487+57.23	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1446+55.22	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1390+97.53	WB	DL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1385+95.36	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1376+00.00	WB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1368+96.38	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1362+95.00	WB	DL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1318+87.05	WB	DL	27	12	-	-	-	-	-	36.0	-	-	30.0	36.0	90.0	14.0
1291+00.00	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1283+43.00	WB	DL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1238+70.00	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1220+66.00	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1201+76.00	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1183+73.00	WB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1311+82.09	EB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1431+48.71	EB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1448+28.37	EB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1473+23.88	EB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1502+55.13	EB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1575+68.00	EB	PL	20	12	-	-	-	-	-	26.7	-	-	30.0	27.0	76.0	10.0
1576+84.00	EB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1589+80.00	EB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1596+94.00	EB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1615+00.00	EB	PL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1195+19.32	EB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1198+16.80	EB	DL	25	12	-	-	-	-	-	33.3	-	-	30.0	34.0	86.0	13.0
1202+05.74	EB	DL	15	12	-	-	-	-	20.0	-	-	-	20.0	20.0	66.0	-
1225+94.00	EB	DL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1236+95.49	EB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1311+82.09	EB	DL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1331+66.65	EB	DL	12	12	-	-	-	-	16.0	-	-	-	20.0	16.0	60.0	-
1363+04.52	EB	DL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
1371+48.32	EB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1383+05.81	EB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1396+56.93	EB	DL	8	12	-	-	-	10.7	-	-	-	-	20.0	-	52.0	-
PATCH SUB-TOTAL 2					0.0	0.0	0.0	414.0	52.0	130.0	0.0	0.0	1060.0	183.0	2728.0	50.0

SCHEDULE OF QUANTITIES

STATION	DIR	LANE	LENGTH	WIDTH	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	CLASS B	DOWEL	PAVEMENT	SAW CUTS	TIE BARS
					PATCHES, TYPE II, 12 INCH	PATCHES, TYPE III, 12 INCH	PATCHES, TYPE IV, 12 INCH	PATCHES, TYPE II, 15 INCH	PATCHES, TYPE III, 15 INCH	PATCHES, TYPE IV, 15 INCH	PATCHES, TYPE II, 16 INCH	PATCHES, TYPE III, 16 INCH	BARS 1 1/2"	FABRIC		3/4"
			FOOT	FOOT	44200994	44200998	44201000	44201031	44201035	44201037	44201043	44201047	44201299	44213100	44213200	44213204
					SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	SQ YD	FOOT	EACH
1443+58.07	EB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1489+95.86	EB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1576+84.00	EB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1596+94.00	EB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1598+95.00	EB	DL	10	12	-	-	-	13.3	-	-	-	-	20.0	-	56.0	-
1615+00.00	EB	DL	6	12	-	-	-	8.0	-	-	-	-	20.0	-	48.0	-
1674+14.00	EB	DL	6	12	-	-	-	-	-	-	8.0	-	20.0	-	48.0	-
FAS 331 (CH 10) RAMPS																
104+00.00	RAMP A	0	6	14	9.3	-	-	-	-	-	-	-	24.0	-	54.0	3.0
105+15.23	RAMP A	0	400	14	-	-	830.8	-	-	-	-	-	336.0	831.0	842.0	200.0
106+58.00	RAMP B	0	8	14	12.4	-	-	-	-	-	-	-	24.0	-	58.0	4.0
107+58.00	RAMP B	0	6	14	9.3	-	-	-	-	-	-	-	24.0	-	54.0	3.0
108+52.00	RAMP B	0	16	14	-	24.9	-	-	-	-	-	-	36.0	25.0	74.0	8.0
109+50.00	RAMP B	0	6	14	9.3	-	-	-	-	-	-	-	24.0	-	54.0	3.0
118+74.00	RAMP B	0	6	14	9.3	-	-	-	-	-	-	-	24.0	-	54.0	3.0
112+00.00	RAMP B	0	12	14	-	18.7	-	-	-	-	-	-	24.0	19.0	66.0	6.0
103+64.00	RAMP C	0	6	14	9.3	-	-	-	-	-	-	-	24.0	-	54.0	3.0
108+64.00	RAMP C	0	6	14	9.3	-	-	-	-	-	-	-	24.0	-	54.0	3.0
113+00.00	RAMP D	0	6	14	9.3	-	-	-	-	-	-	-	24.0	-	54.0	3.0
113+00.00	RAMP D	0	6	14	9.3	-	-	-	-	-	-	-	24.0	-	54.0	3.0
114+00.00	RAMP D	0	6	14	9.3	-	-	-	-	-	-	-	24.0	-	54.0	3.0
115+00.00	RAMP D	0	6	14	9.3	-	-	-	-	-	-	-	24.0	-	54.0	3.0
119+00.00	RAMP D	0	8	14	12.4	-	-	-	-	-	-	-	24.0	-	58.0	4.0
120+00.00	RAMP D	0	8	14	12.4	-	-	-	-	-	-	-	24.0	-	58.0	4.0
PATCH SUB-TOTAL 3					130.7	43.6	830.8	64.0	0.0	0.0	8.0	0.0	848.0	875.0	2056.0	256.0
PATCH SUB-TOTAL 1					0.0	0.0	0.0	374.0	0.0	0.0	67.0	32.0	1020.0	32.0	2544.0	0.0
PATCH SUB-TOTAL 2					0.0	0.0	0.0	414.0	52.0	130.0	0.0	0.0	1060.0	183.0	2728.0	50.0
PATCH TOTAL					131.0	44.0	831.0	852.0	52.0	130.0	75.0	32.0	2928.0	1090.0	7328.0	306.0

* AREA TAKEN FROM CADD

ROUTE	DIR	DESCRIPTION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	TRAFFIC CONTROL SURVEILLANCE	TEMPORARY BRIDGE TRAFFIC SIGNALS	NIGHTTIME WORK ZONE LIGHTING	SPEED DISPLAY TRAILER	CHANGEABLE MESSAGE SIGN	WIDTH RESTRICTION SIGNING
			70100100	70100207	70100420	70100800	70103815	70106500	70200100	X7010410	X7015005	X7200201
			EACH	EACH	EACH	L SUM	CAL DA	EACH	L SUM	CAL MO	CAL DA	L SUM
I 74	EB/WB		-	4	-	1	167		1	7	348	1
IL 49 (N)	EB		-	-	1	-	-		-	-	-	-
IL 49 (N)	WB		-	-	2	-	-		-	-	-	-
REST AREA			-	-	2	-	-		-	-	-	-
FAS 331	NB/SB		1	-	4	-	-	1	-	-	-	-
US 150	WB		-	-	1	-	-		-	-	-	-
TOTAL			1	4	10	1	167	1	1	7	348	1

SCHEDULE OF QUANTITIES

				TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3
DIR	STAGE	STA	TO STA	70400100 FOOT	70400200 FOOT	70600250 EACH	70600350 EACH
WB	I	1238+21.60	1246+24.12	812.5	-	1.0	-
EB	I	1236+19.10	1244+21.61	812.5	-	1.0	-
WB	II	1238+21.60	1246+24.14	-	812.5	-	1.0
EB	II	1236+19.06	1244+21.58	-	812.5	-	1.0
WB	I	1317+69.30	1325+71.82	812.5	-	1.0	-
EB	I	1315+66.80	1323+69.30	812.5	-	1.0	-
WB	II	1317+69.30	1325+71.84	-	812.5	-	1.0
EB	II	1315+66.76	1323+69.28	-	812.5	-	1.0
TOTALS				3250.0	3250.0	4.0	4.0

				SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"
DESCRIPTION				70300100 FOOT	70301000 SQ FT	78003110 (WHITE-DASH) FOOT	78009000 (WHITE) SQ FT	78009004 (WHITE) (YELLOW) FOOT	78009006 (WHITE) FOOT	78009008 (WHITE) FOOT	78009012 (WHITE) FOOT	78009024 (WHITE) FOOT
STA	TO	STA		FOOT	SQ FT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT
I 74	EB/WB	1180+00.00	1224+77.59	1612.0	5016.0	4478.0	-	4478.0	4478.0	-	-	-
I 74	EB/WB	1224+63.88	1625+83.44	14444.0	44935.0	40120.0	-	40120.0	40120.0	-	-	-
I 74	EB/WB	1626+00.00	1683+00.00	2052.0	6384.0	5700.0	-	5700.0	5700.0	-	-	-
FAS 331	RAMP A		LT TURN ARROW	-	32.0	-	31.2	-	-	-	-	-
FAS 331	RAMP A		RT TURN ARROW	-	32.0	-	31.2	-	-	-	-	-
FAS 331	RAMP A		WRONG WAY ARROW	-	32.0	-	31.2	-	-	-	-	-
FAS 331	RAMP A		STOP BAR	-	80.0	-	-	-	-	-	-	40.0
FAS 331	RAMP A		ISLAND	-	250.0	-	-	-	190.0	-	155.0	-
FAS 331	RAMP A	94+90.00	105+15.23	-	1026.0	1026.0	-	1026.0	1026.0	-	-	-
FAS 331	RAMP A	105+15.23	109+15.23	-	400.0	400.0	-	400.0	400.0	-	-	-
	RAMP B	109+21.75	119+89.98	-	1069.0	1069.0	-	1069.0	1069.0	-	-	-
	RAMP C	94+28.00	109+96.22	-	1569.0	1569.0	-	1569.0	1569.0	-	-	-
FAS 331	RAMP D		LT TURN ARROW	-	32.0	-	31.2	-	-	-	-	-
FAS 331	RAMP D		RT TURN ARROW	-	32.0	-	31.2	-	-	-	-	-
FAS 331	RAMP D		WRONG WAY ARROW	-	32.0	-	31.2	-	-	-	-	-
FAS 331	RAMP D		STOP BAR	-	80.0	-	-	-	-	-	-	40.0
FAS 331	RAMP D		ISLAND	-	227.0	-	-	-	175.0	-	139.0	-
FAS 331	RAMP D	104+92.97	106+47.79	-	155.0	155.0	-	155.0	155.0	-	-	-
FAS 331	RAMP D	106+47.79	123+75.40	-	1728.0	1728.0	-	1728.0	1728.0	-	-	-
I 74	RAMP A	1494+90.00	1495+70.00	GORE	54.0	-	-	-	-	80.0	-	-
FAS 331	RAMP A	94+90.00	95+70.00	GORE	54.0	-	-	-	-	80.0	-	-
I 74	RAMP B	1518+70.00	1519+90.00	GORE	80.0	-	-	-	-	120.0	-	-
FAS 331	RAMP B	118+70.00	119+90.00	GORE	80.0	-	-	-	-	120.0	-	-
I 74	RAMP C	1494+28.00	1495+40.00	GORE	75.0	-	-	-	-	112.0	-	-
FAS 331	RAMP C	95+40.00	98+28.00	GORE	75.0	-	-	-	-	112.0	-	-
I 74	RAMP D	1518+50.00	1519+19.00	GORE	46.0	-	-	-	-	69.0	-	-
FAS 331	RAMP D	118+50.00	119+19.00	GORE	46.0	-	-	-	-	69.0	-	-
FAS 331		49+07.17	50+92.83	SN 092-0075	20.0	317.0	186.0	-	372.0	372.0	-	-
TOTAL				18128.0	63938.0	56431.0	187.2	113234.0	365.0	762.0	294.0	80.0

SCHEDULE OF QUANTITIES

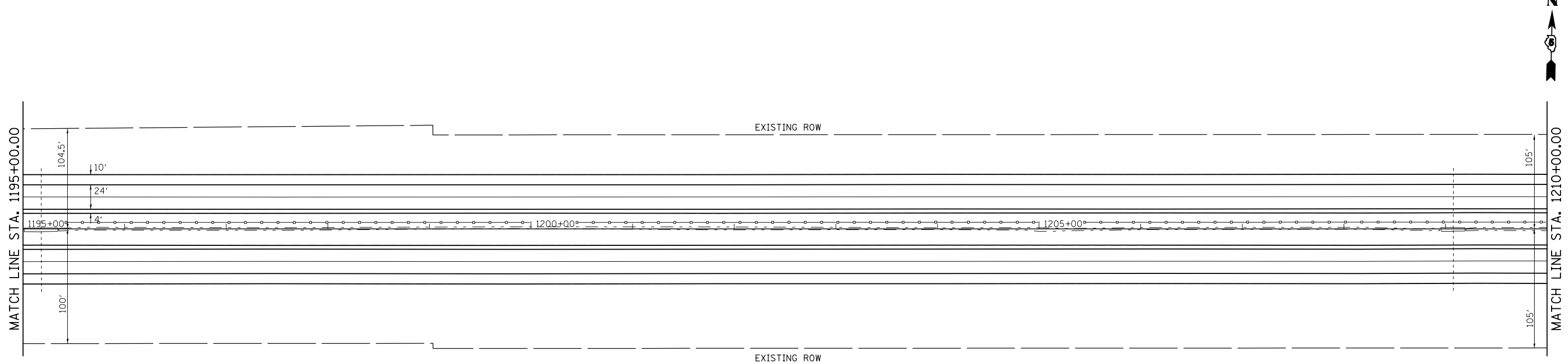
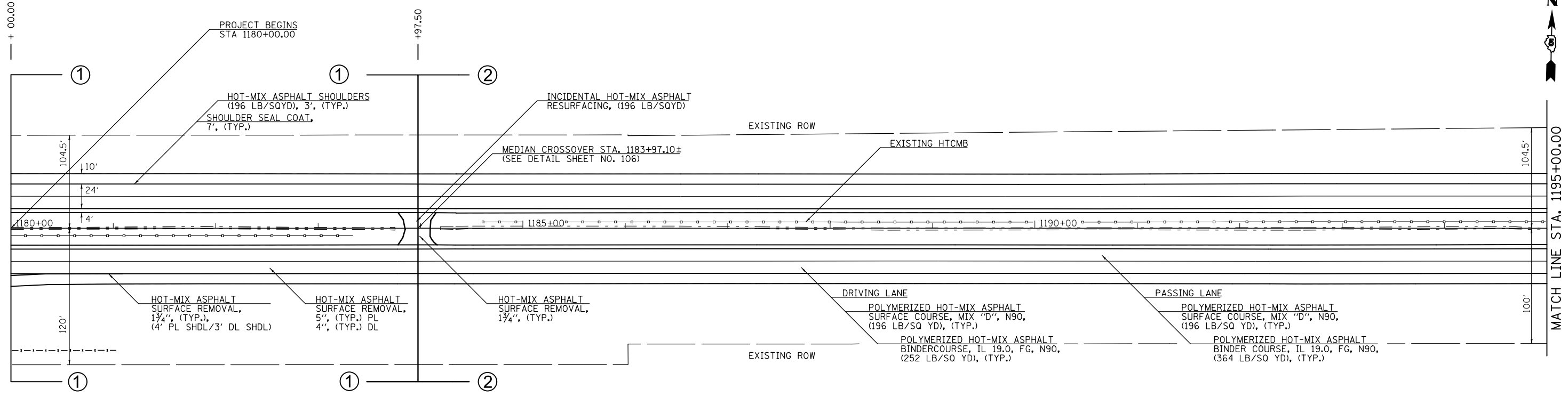
				RAISED REFLECTIVE PAVMENT MARKER	PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"
DESCRIPTION				78100100	78300100	78300200	X7830070	X7830074	X7830076	X7830078	X7830090
STA TO STA				EACH	SQ FT	EACH	FOOT	FOOT	FOOT	FOOT	FOOT
I 74	EB/WB	1180+00.00	1224+77.59	224.0	2986.0	224.0	8956	-	-	-	-
I 74	EB/WB	1224+63.88	1625+83.44	2006.0	26747.0	2006.0	80240	-	-	-	-
I 74	EB/WB	1626+00.00	1683+00.00	285.0	3800.0	285.0	11400	-	-	-	-
FAS 331	RAMP A					LT TURN ARROW	-	32.0	-	-	-
FAS 331	RAMP A					RT TURN ARROW	-	32.0	-	-	-
FAS 331	RAMP A					WRONG WAY ARROW	-	32.0	-	-	-
FAS 331	RAMP A					STOP BAR	-	80.0	-	-	40
FAS 331	RAMP A					ISLAND	-	250.0	-	190	155
FAS 331	RAMP A	94+90.00	105+15.23	77.0	684.0	77.0	2052	-	-	-	-
FAS 331	RAMP A	105+15.23	109+15.23	30.0	267.0	30.0	800	-	-	-	-
	RAMP B	109+21.75	119+89.98	81.0	713.0	81.0	2138	-	-	-	-
	RAMP C	94+28.00	109+96.22	118.0	1046.0	118.0	3138	-	-	-	-
FAS 331	RAMP D					LT TURN ARROW	-	32.0	-	-	-
FAS 331	RAMP D					RT TURN ARROW	-	32.0	-	-	-
FAS 331	RAMP D					WRONG WAY ARROW	-	32.0	-	-	-
FAS 331	RAMP D					STOP BAR	-	80.0	-	-	40
FAS 331	RAMP D					ISLAND	-	227.0	-	175	139
FAS 331	RAMP D	104+92.97	106+47.79	12.0	104.0	12.0	310	-	-	-	-
FAS 331	RAMP D	106+47.79	123+75.40	130.0	1152.0	130.0	3456	-	-	-	-
I 74	RAMP A	1494+90.00	1495+70.00	2.0	54.0	2.0	-	-	80	-	-
FAS 331	RAMP A	94+90.00	95+70.00	-	54.0	-	-	-	80	-	-
I 74	RAMP B	1518+70.00	1519+90.00	3.0	80.0	3.0	-	-	120	-	-
FAS 331	RAMP B	118+70.00	119+90.00	-	80.0	-	-	-	120	-	-
I 74	RAMP C	1494+28.00	1495+40.00	3.0	75.0	3.0	-	-	112	-	-
FAS 331	RAMP C	95+40.00	98+28.00	-	75.0	-	-	-	112	-	-
I 74	RAMP D	1518+50.00	1519+19.00	2.0	46.0	2.0	-	-	69	-	-
FAS 331	RAMP D	118+50.00	119+19.00	-	46.0	-	-	-	69	-	-
FAS 331		49+07.17	50+92.83	-	248.0	-	744	-	-	-	-
TOTAL				2973.0	39086.0	2973.0	113234	365	762	294	80

	SIGN AND POST REMOVAL	FLEXIBLE DELINEATORS
	XX007259	Z0024478
STA	EACH	EACH
MEDIAN 1183+97.10	1	6

SCHEDULE OF QUANTITIES

		CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)	CONNECTION OF EXISTING PIPE UNDERDRAIN	
		60100060	60107600	60108100	X0321962	
STA	TO STA	EACH	FOOT	FOOT	EACH	
EB DL	1238+21.60	1239+71.60	0.0	150.0	0.0	2.0
EB DL	1239+71.60	1241+21.60	1.0	176.0	15.0	0.0
EB DL	1241+21.60	1242+71.60	1.0	176.0	15.0	0.0
EB DL	1242+71.60	1244+21.60	0.0	150.0	0.0	0.0
EB PL	1238+21.60	1239+71.60	0.0	150.0	0.0	2.0
EB PL	1239+71.60	1241+21.60	0.0	150.0	0.0	0.0
EB PL	1241+21.60	1242+71.60	0.0	150.0	0.0	0.0
EB PL	1242+71.60	1244+21.60	0.0	150.0	0.0	0.0
WB DL	1238+21.60	1239+71.60	0.0	150.0	0.0	0.0
WB DL	1239+71.60	1241+21.60	1.0	176.0	15.0	0.0
WB DL	1241+21.60	1242+71.60	1.0	176.0	15.0	0.0
WB DL	1242+71.60	1244+21.60	0.0	150.0	0.0	0.0
WB PL	1238+21.60	1239+71.60	0.0	150.0	0.0	0.0
WB PL	1239+71.60	1241+21.60	0.0	150.0	0.0	0.0
WB PL	1241+21.60	1242+71.60	0.0	150.0	0.0	0.0
WB PL	1242+71.60	1244+21.60	0.0	150.0	0.0	0.0
EB DL	1317+69.30	1319+19.30	0.0	150.0	0.0	0.0
EB DL	1319+19.30	1320+69.30	1.0	176.0	15.0	0.0
EB DL	1320+69.30	1322+19.30	1.0	176.0	15.0	0.0
EB DL	1322+19.30	1323+69.30	0.0	150.0	0.0	0.0
EB PL	1317+69.30	1319+19.30	0.0	150.0	0.0	0.0
EB PL	1319+19.30	1320+69.30	0.0	150.0	0.0	0.0
EB PL	1320+69.30	1322+19.30	0.0	150.0	0.0	0.0
EB PL	1322+19.30	1323+69.30	0.0	150.0	0.0	0.0
WB DL	1317+69.30	1319+19.30	0.0	150.0	0.0	0.0
WB DL	1319+19.30	1320+69.30	1.0	176.0	15.0	0.0
WB DL	1320+69.30	1322+19.30	1.0	176.0	15.0	0.0
WB DL	1322+19.30	1323+69.30	0.0	150.0	0.0	0.0
WB PL	1317+69.30	1319+19.30	0.0	150.0	0.0	0.0
WB PL	1319+19.30	1320+69.30	0.0	150.0	0.0	0.0
WB PL	1320+69.30	1322+19.30	0.0	150.0	0.0	0.0
WB PL	1322+19.30	1323+69.30	0.0	150.0	0.0	0.0
UNDERDRAIN TOTALS			8.0	5008.0	120.0	4.0

	ENGINEER'S FIELD OFFICE, TYPE B	MOBILIZATION
	67000500	67100100
	CAL MO	L SUM
PROJECT	8	1



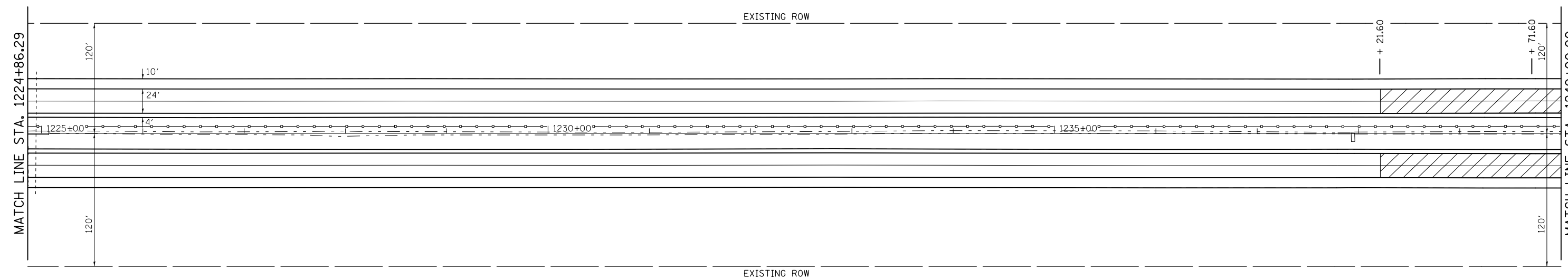
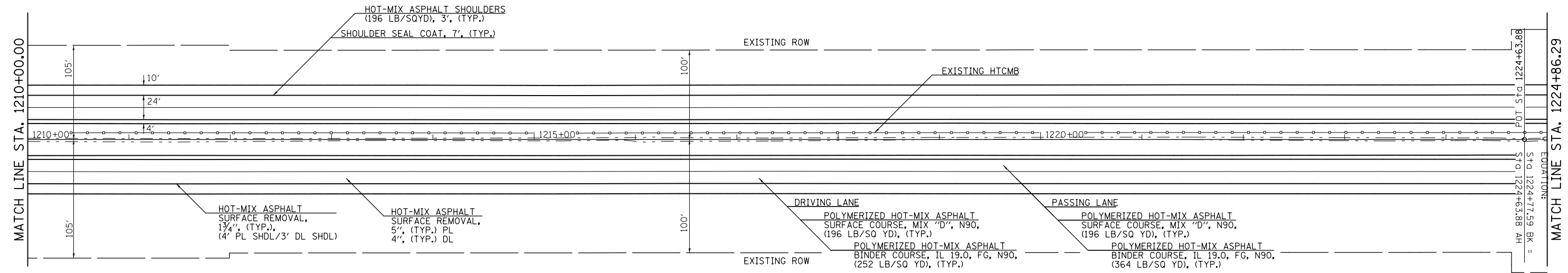
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 1 OF 17 SHEETS STA. 1180+00.00 TO STA. 1210+00.00

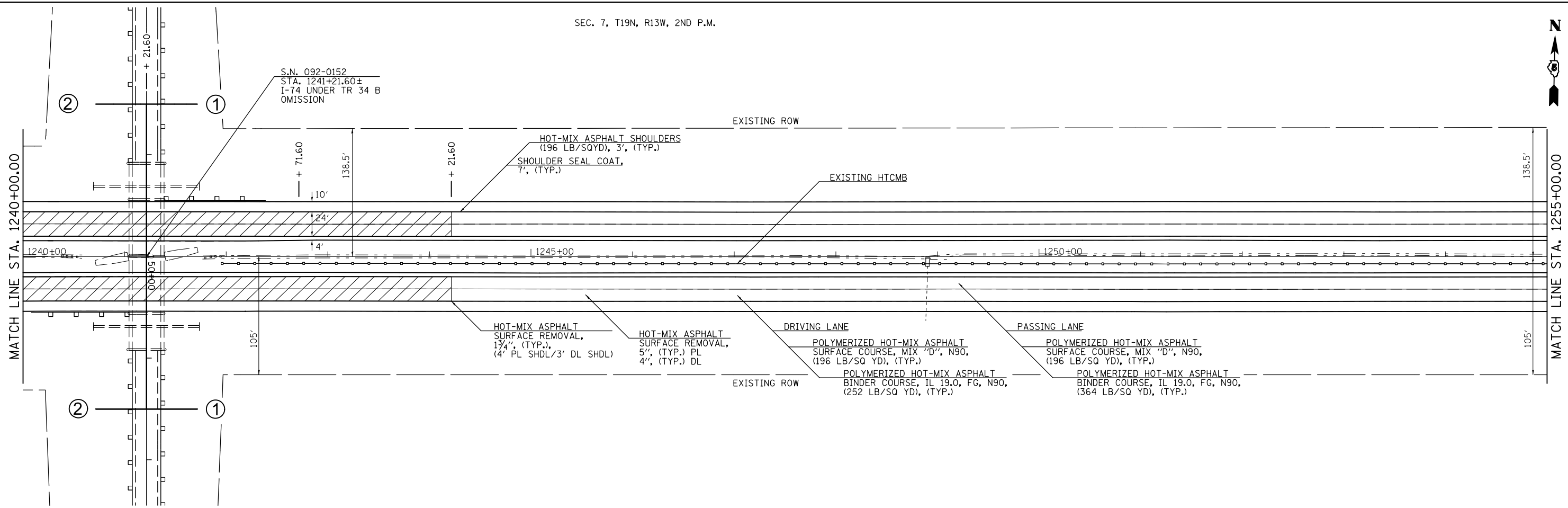
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	041
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



RESURFACING DETAILS, SEE
DETAIL SHEET NOS. 85-90

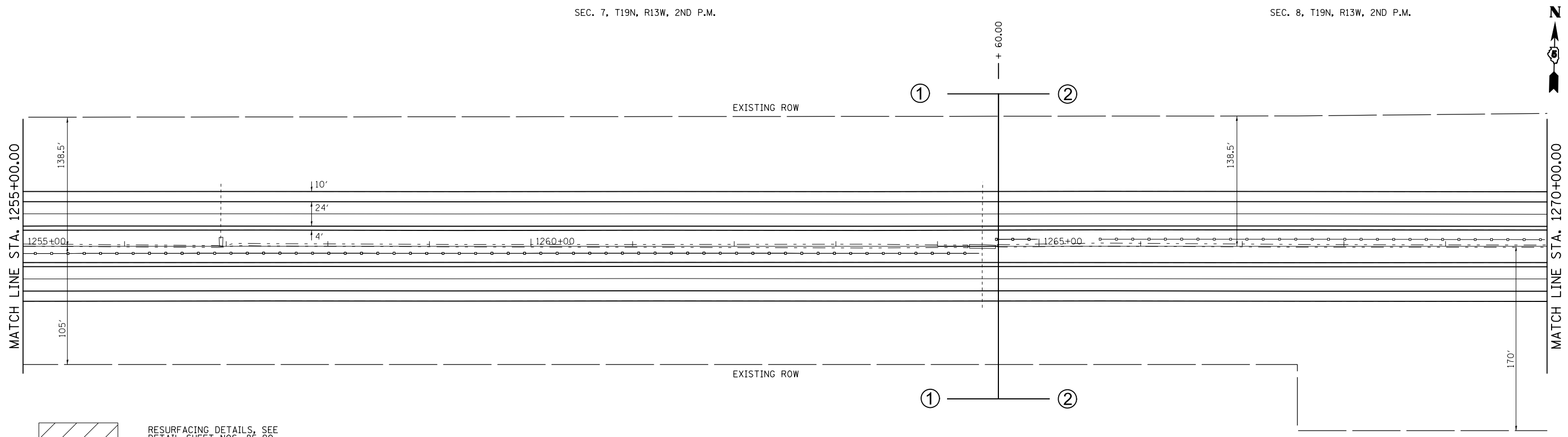
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#MODELNAME#	PLOT DATE = 12/18/2014	CHECKED -	REVISED -			• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -			SCALE: 50.0'/In.	SHEET 2 OF 17 SHEETS	STA. 1210+00.00 TO STA. 1240+00.00			

SEC. 7, T19N, R13W, 2ND P.M.



SEC. 7, T19N, R13W, 2ND P.M.

SEC. 8, T19N, R13W, 2ND P.M.



RESURFACING DETAILS, SEE
DETAIL SHEET NOS. 85-90

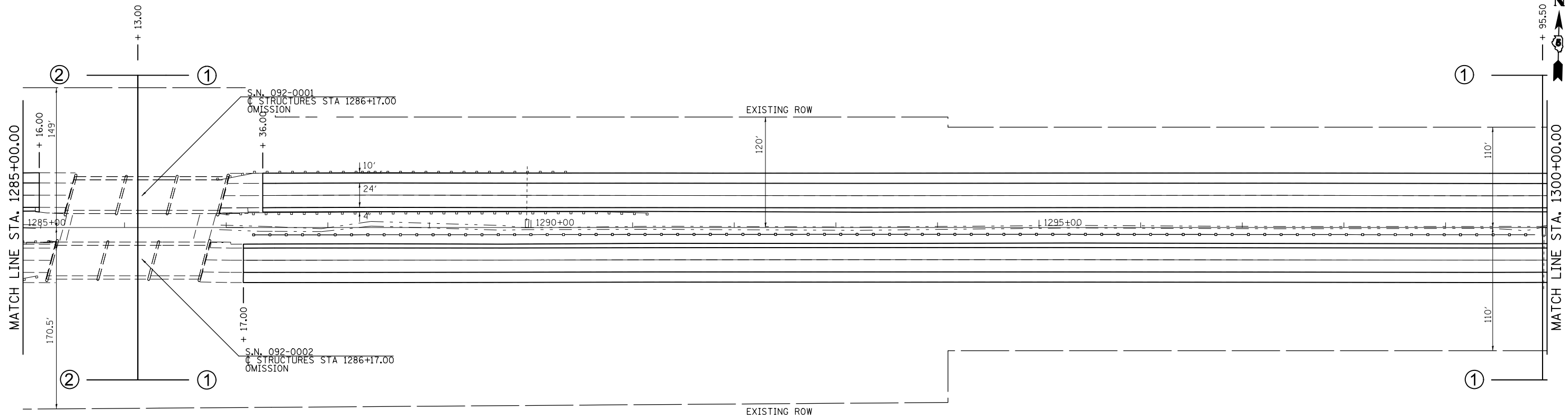
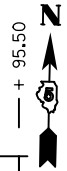
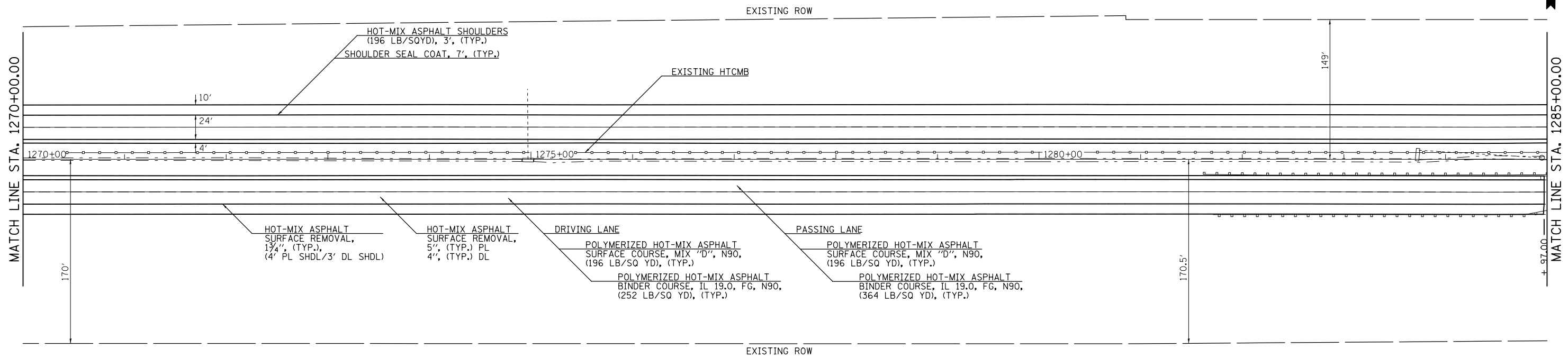
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#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 3 OF 17 SHEETS STA. 1240+00.00 TO STA. 1270+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	043
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



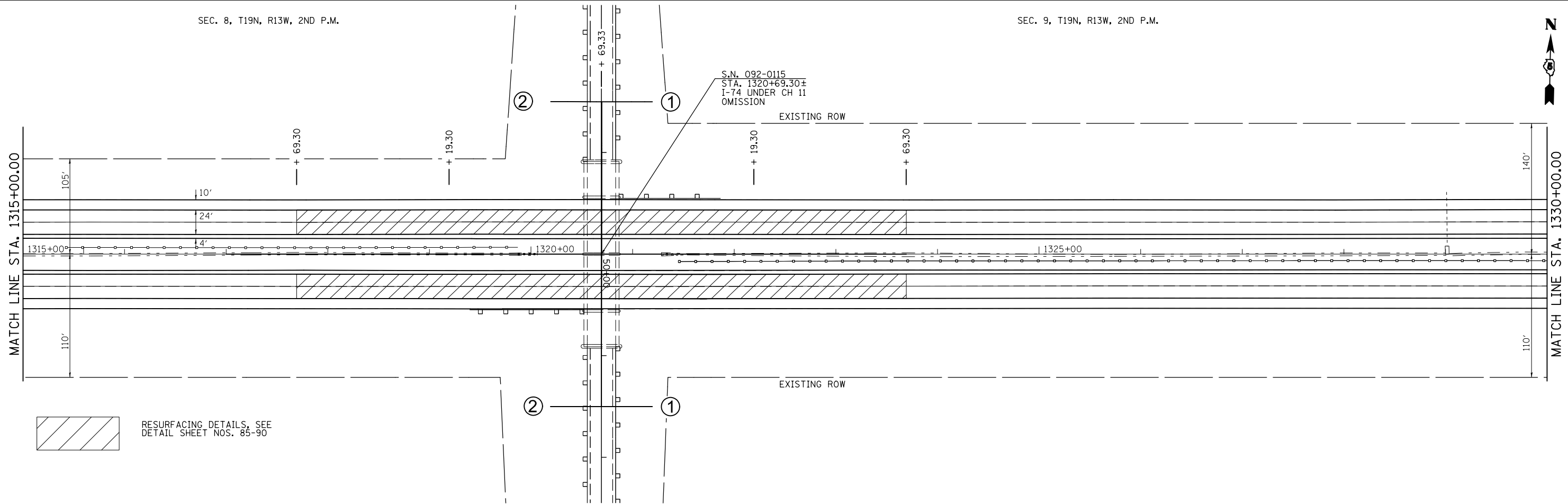
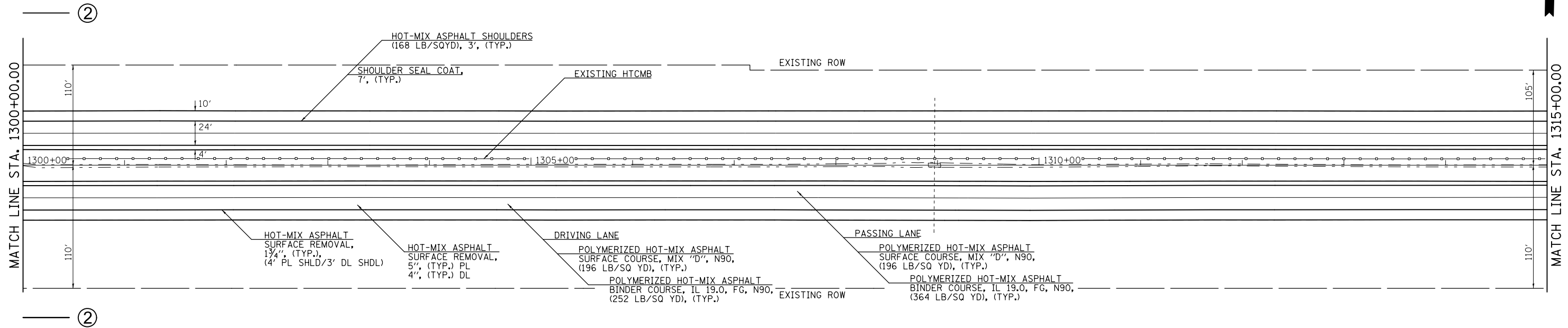
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#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 4 OF 17 SHEETS STA. 1270+00.00 TO STA. 1300+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	044
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT	



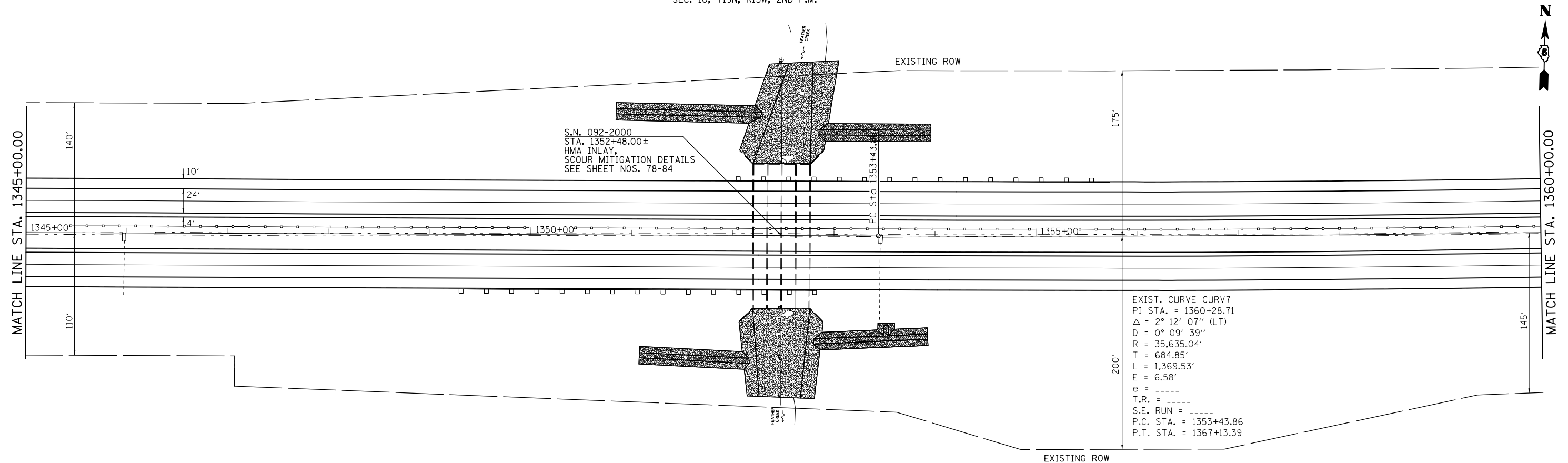
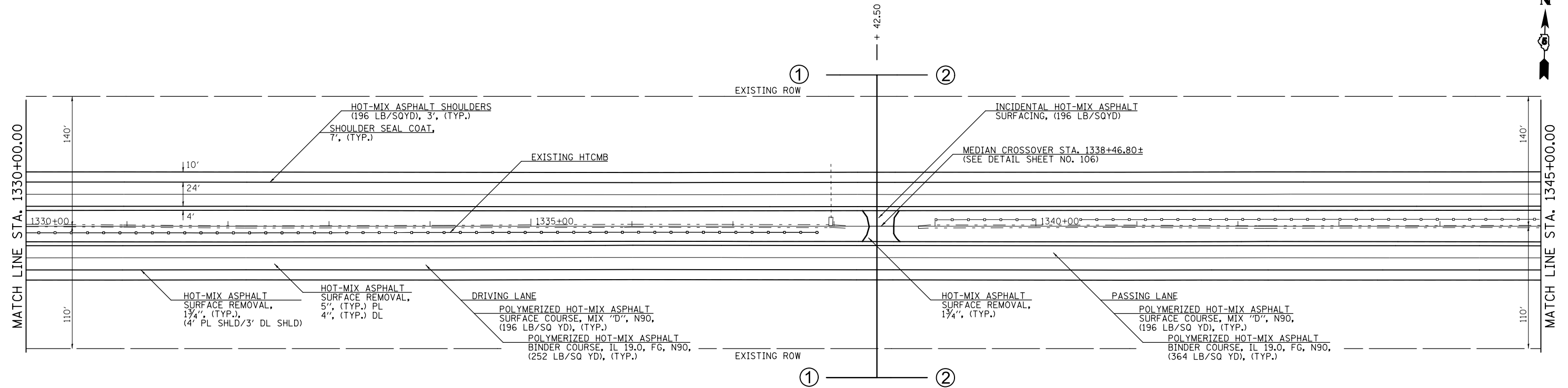
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#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 5 OF 17 SHEETS STA. 1300+00.00 TO STA. 1330+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	045
• 10(92-8,9)RS-2,(92-10)RS-3			CONTRACT NO. 70788	
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

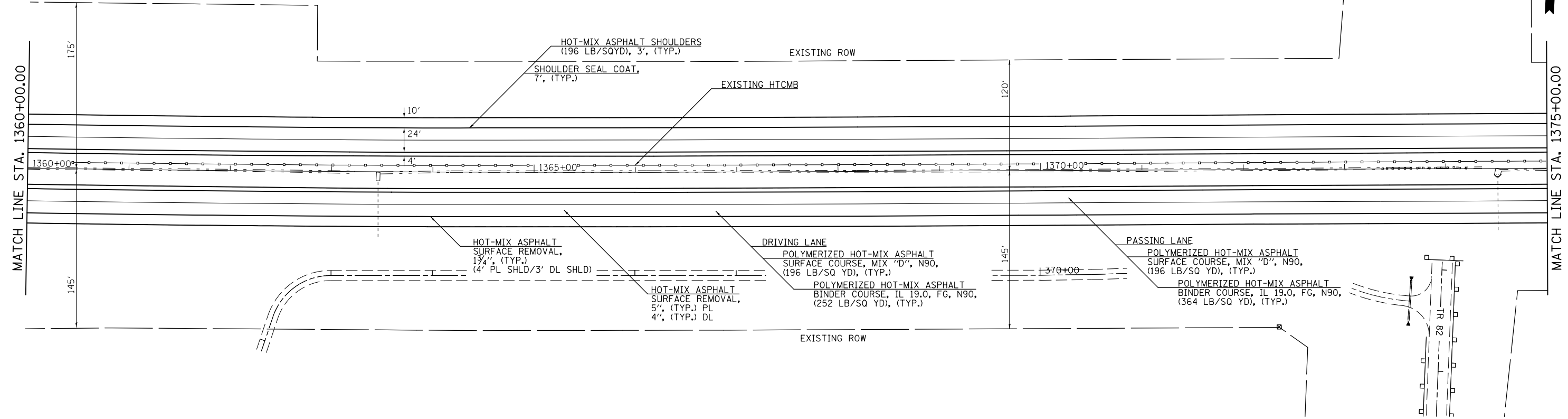
PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 6 OF 17 SHEETS STA. 1330+00.00 TO STA. 1360+00.00

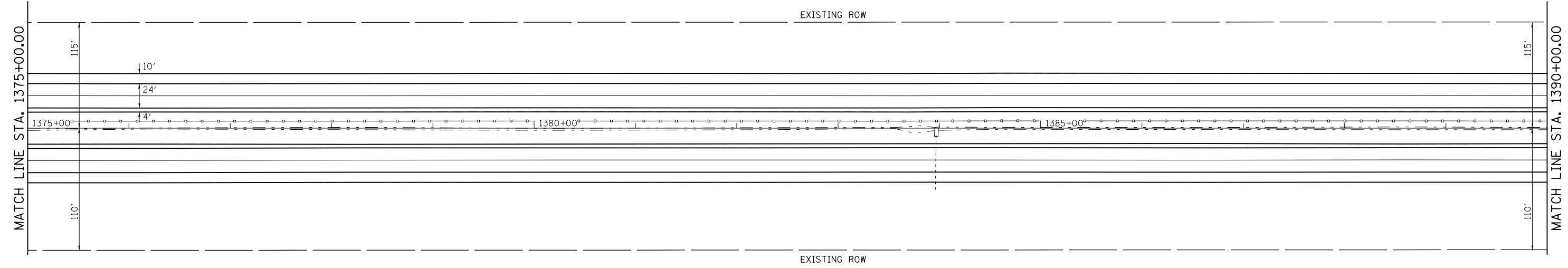
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	VERMILION	106	046
10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO.	70788	
ILLINOIS FED. AID PROJECT				

SEC. 9, T19N, R13W, 2ND P.M.

SEC. 10, T19N, R13W, 2ND P.M.



SEC. 10, T19N, R13W, 2ND P.M.



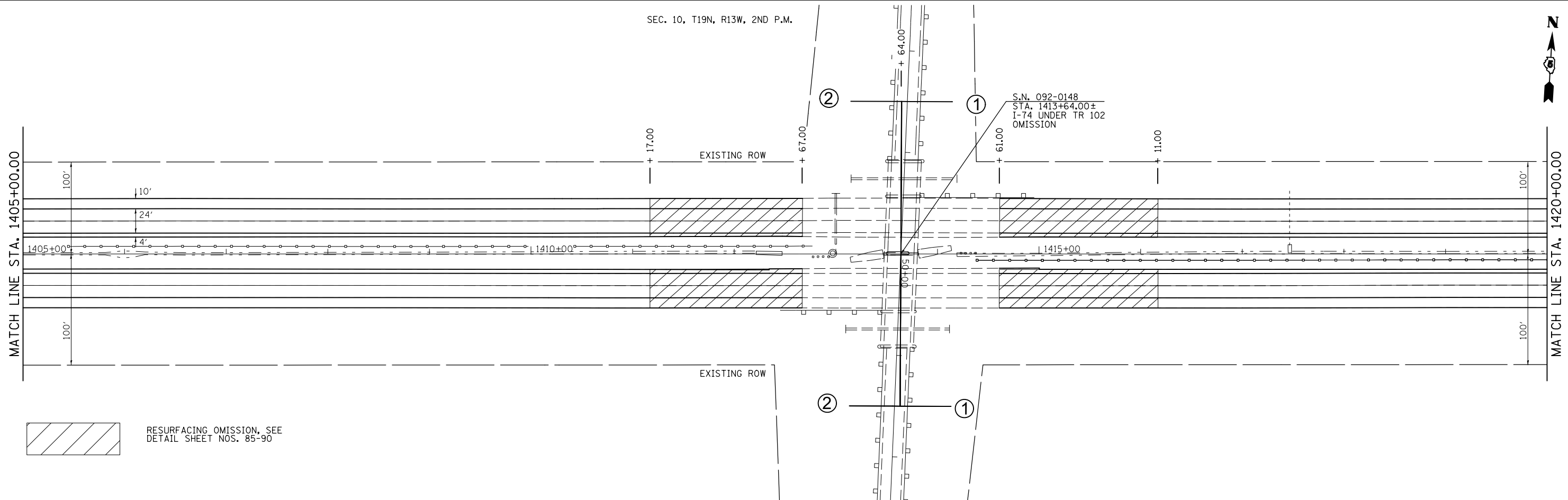
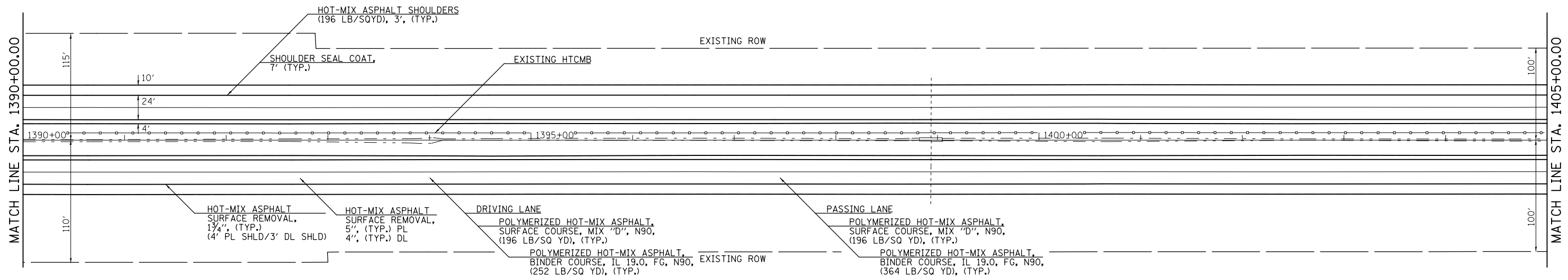
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 7 OF 17 SHEETS STA. 1360+00.00 TO STA. 1390+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	047
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -
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#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

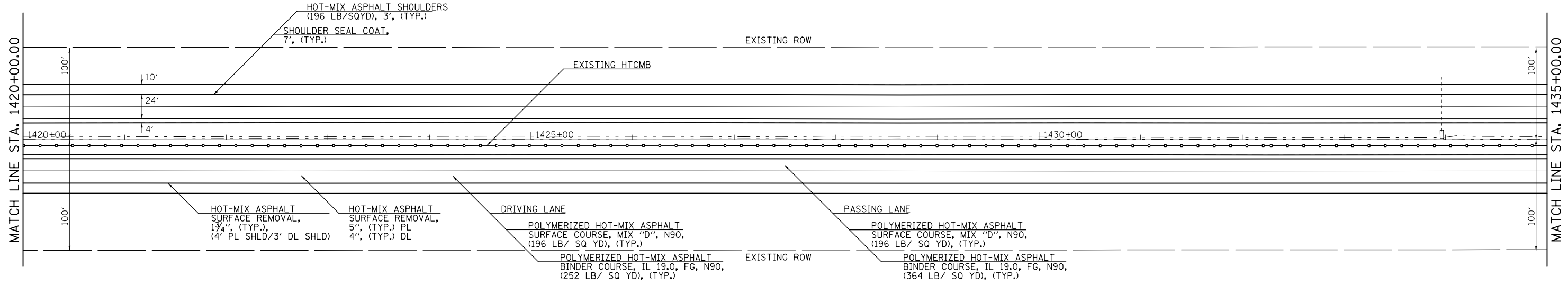
PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 8 OF 17 SHEETS STA. 1390+00.00 TO STA. 1420+00.00

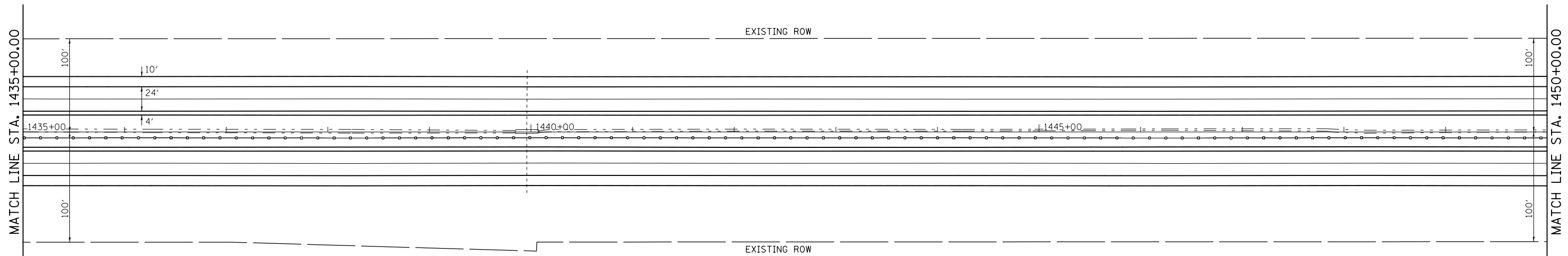
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	048
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT	

SEC. 10, T19N, R13W, 2ND P.M.

SEC. 11, T19N, R13W, 2ND P.M.



SEC. 11, T19N, R13W, 2ND P.M.



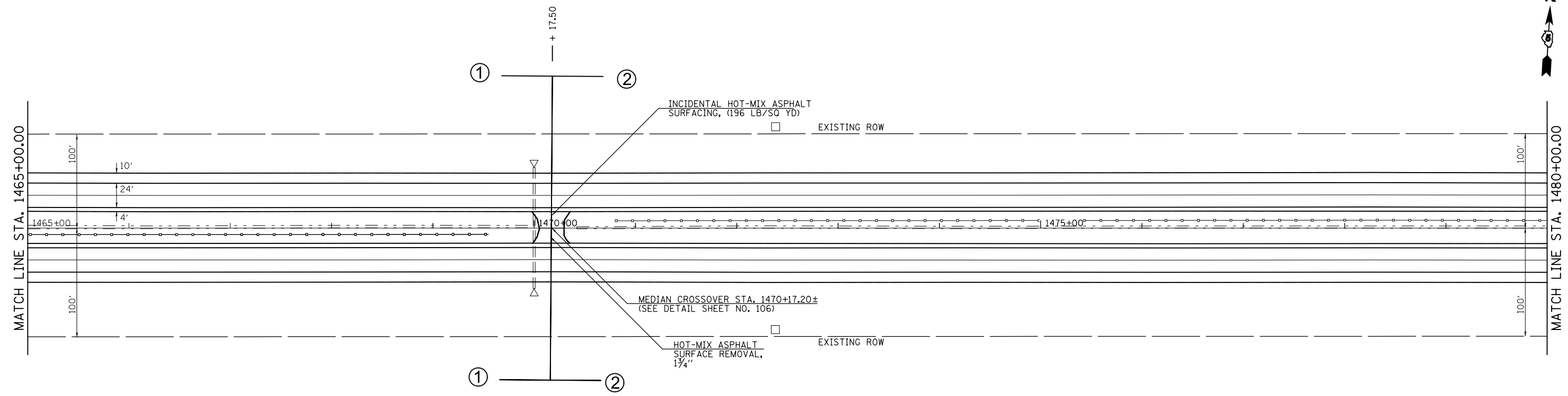
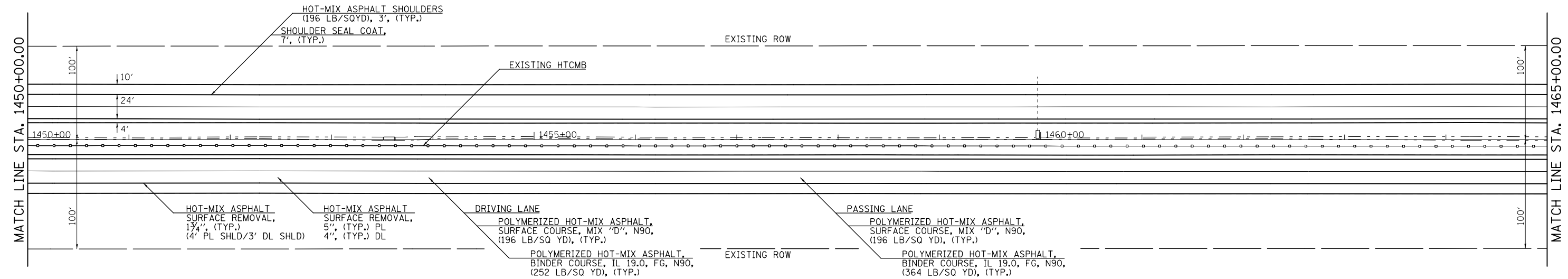
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#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 9 OF 17 SHEETS STA.1420+00.00 TO STA.1450+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	049
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT	



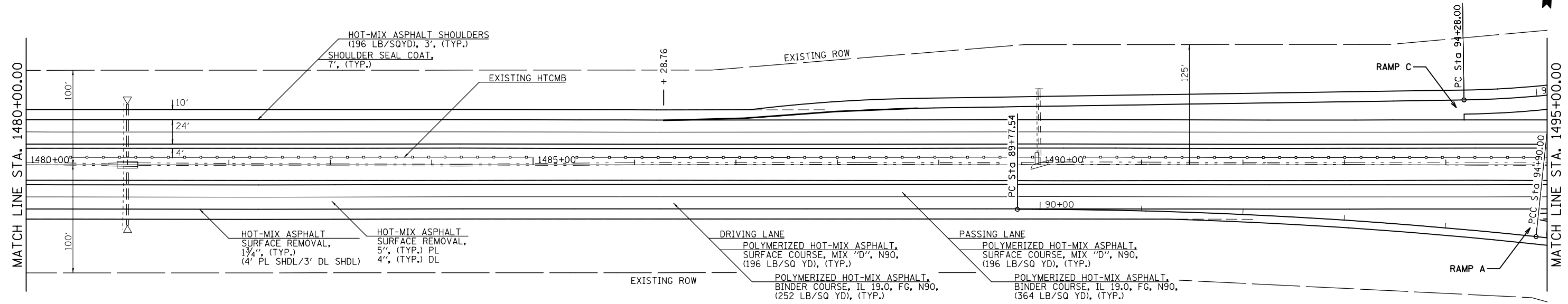
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#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

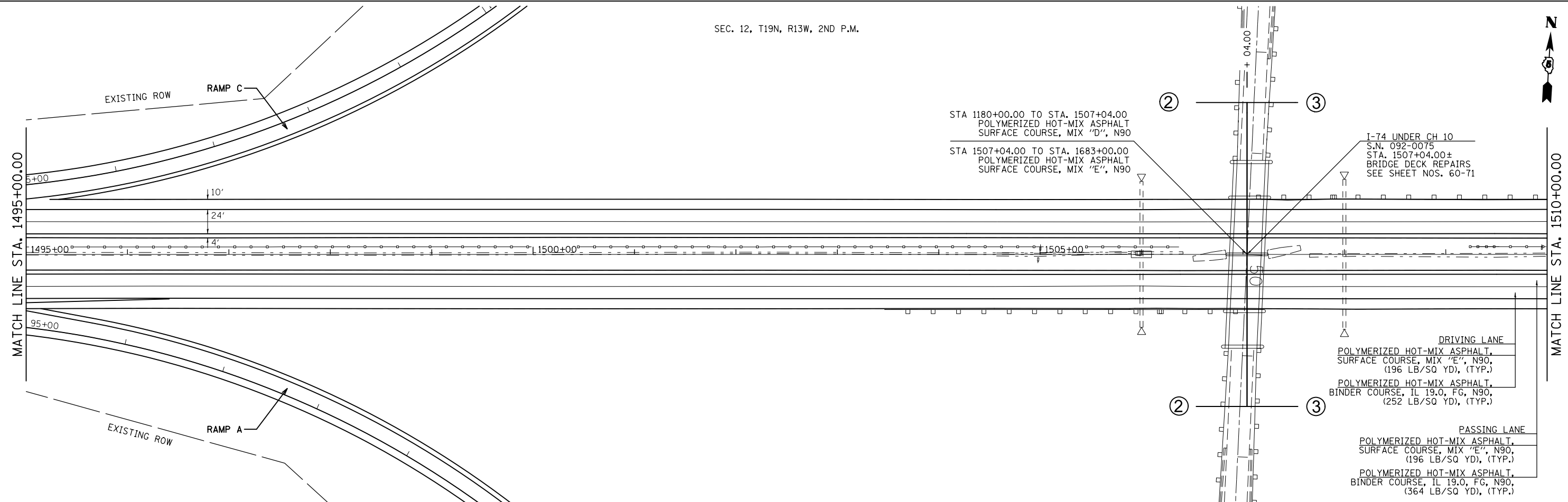
PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 10 OF 17 SHEETS STA.1450+00.00 TO STA.1480+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	050
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT	



NOTE: SEE SHEET NOS. 55-56 FOR PROPOSED INTERCHANGE WORK



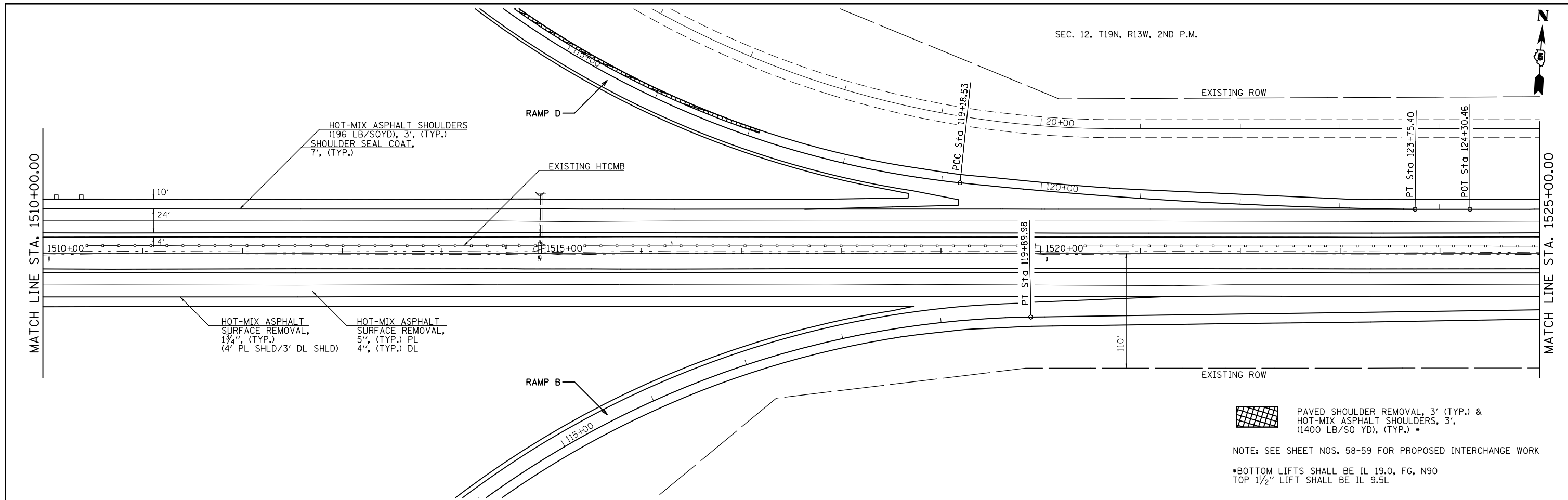
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#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET F.A.I. 74

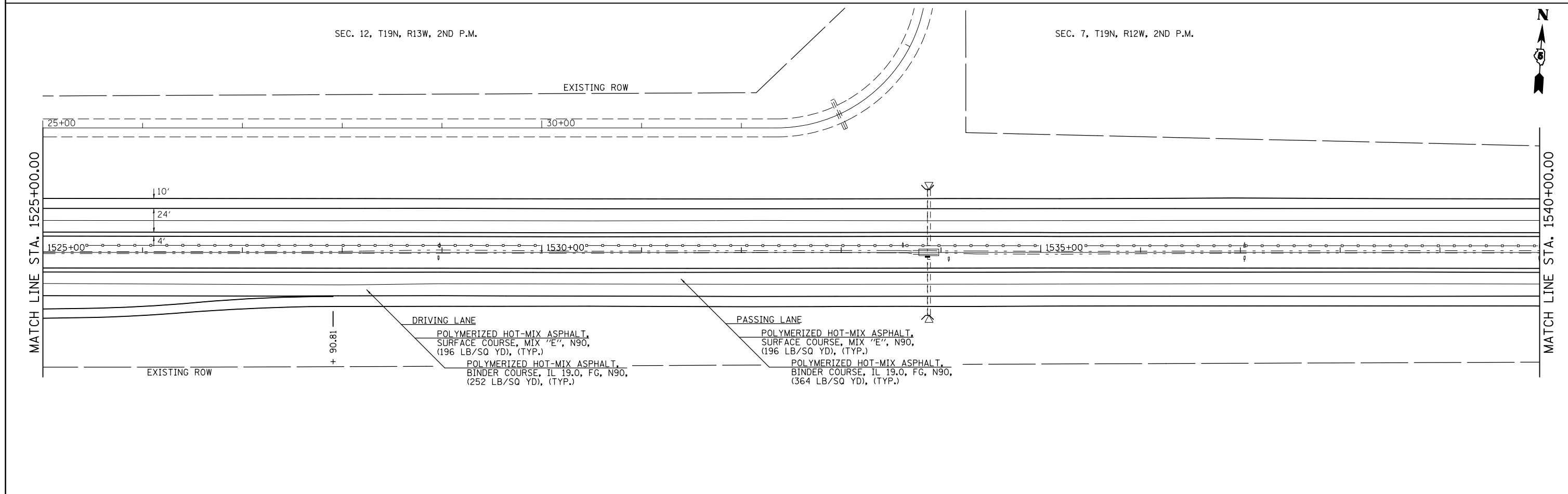
SCALE: 50.0'/In. SHEET 11 OF 17 SHEETS STA. 1480+00.00 TO STA. 1510+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	051
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT	



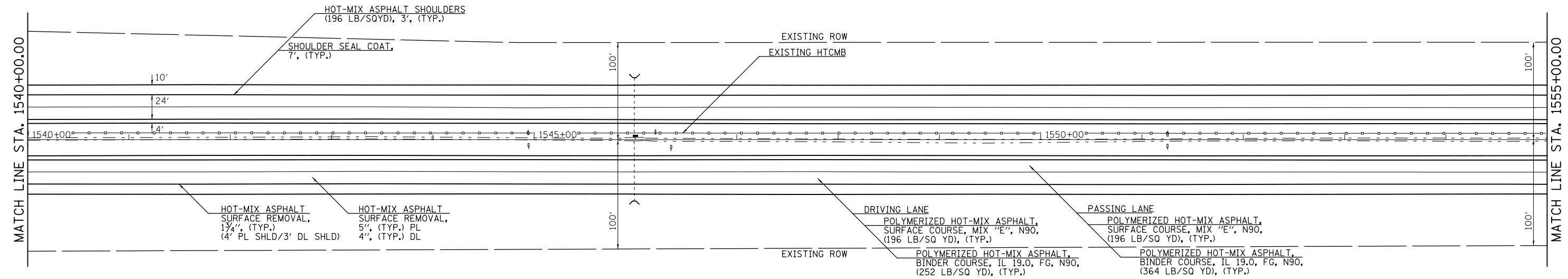

 PAVED SHOULDER REMOVAL, 3' (TYP.) & HOT-MIX ASPHALT SHOULDERS, 3', (1400 LB/SQ YD), (TYP.) •

NOTE: SEE SHEET NOS. 58-59 FOR PROPOSED INTERCHANGE WORK
 •BOTTOM LIFTS SHALL BE IL 19.0, FG, N90
 TOP 1/2" LIFT SHALL BE IL 9.5L

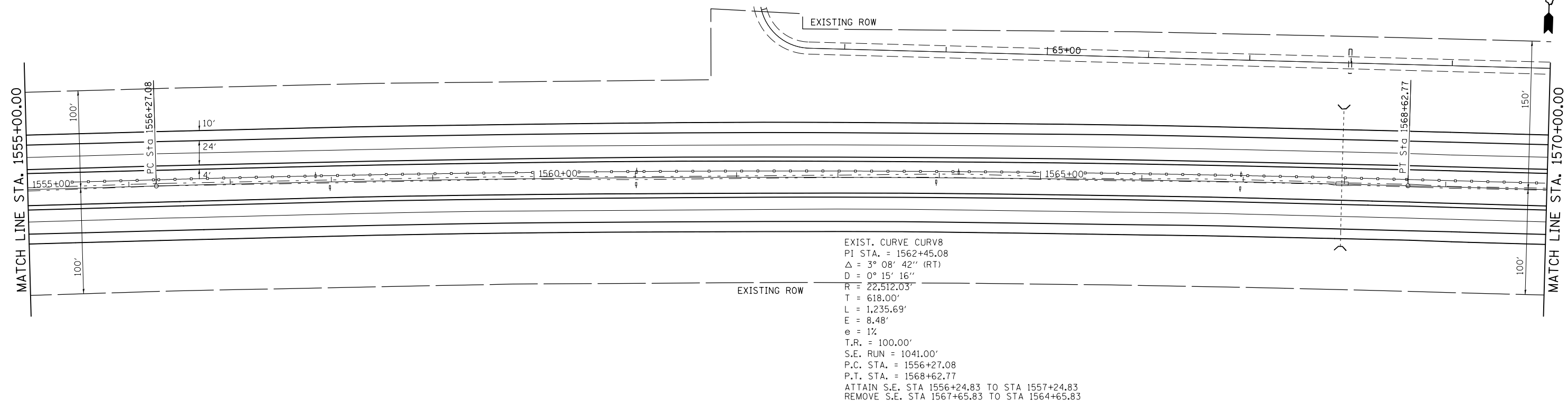


FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET F.A.I. 74	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\jaymedf\d0328444\0570788-sht-Plan.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			74	•	VERMILION	106	052	
#MODELNAME#	PLOT DATE = 12/18/2014	CHECKED -	REVISED -			• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -			SCALE: 50.0'/In.	SHEET 12 OF 17 SHEETS	STA. 1510+00.00 TO STA. 1540+00.00			

SEC. 7, T19N, R12W, 2ND P.M.



SEC. 7, T19N, R12W, 2ND P.M.



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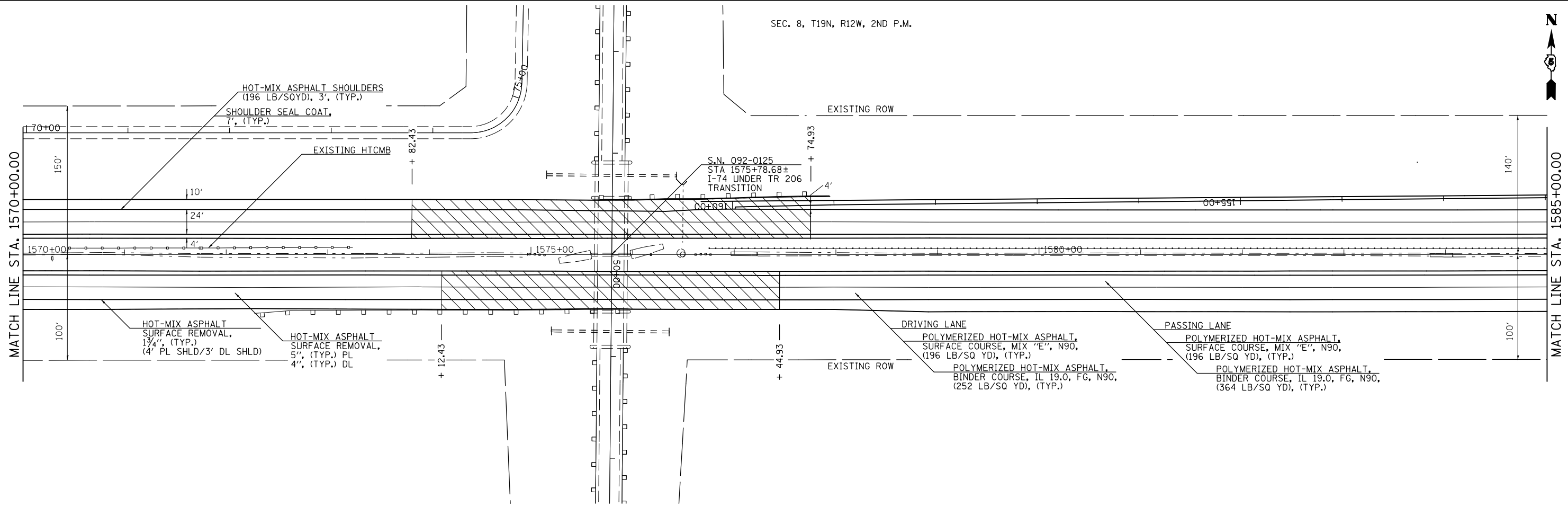
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET F.A.I. 74

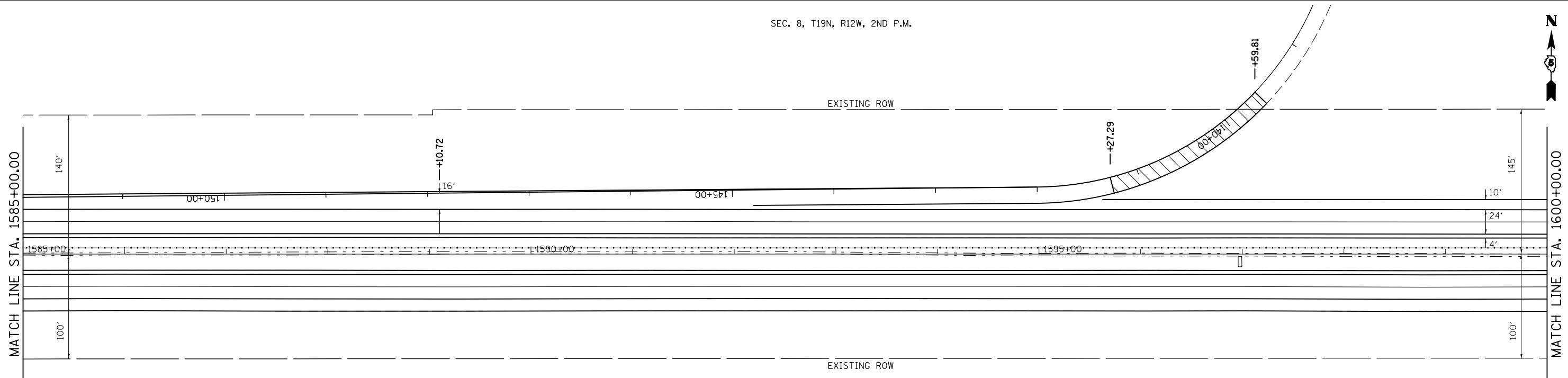
SCALE: 50.0'/In. SHEET 13 OF 17 SHEETS STA. 1540+00.00 TO STA. 1570+00.00

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	053
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				

SEC. 8, T19N, R12W, 2ND P.M.



SEC. 8, T19N, R12W, 2ND P.M.



RESURFACING TRANSITION, SEE
DETAIL SHEET NOS. 85-90

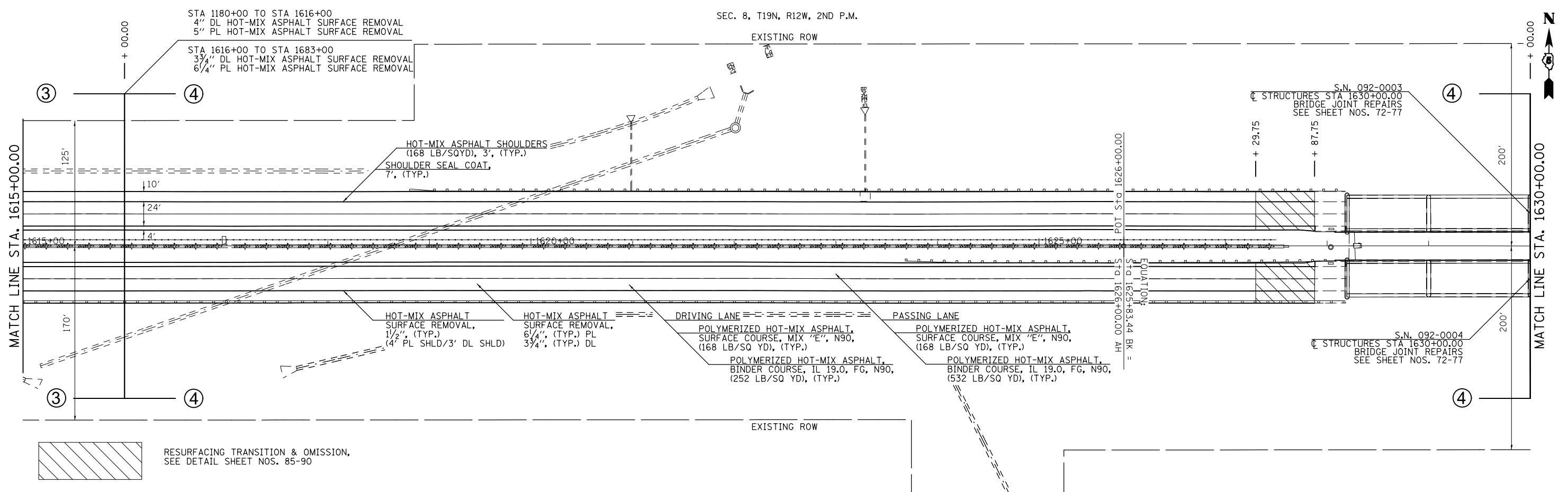
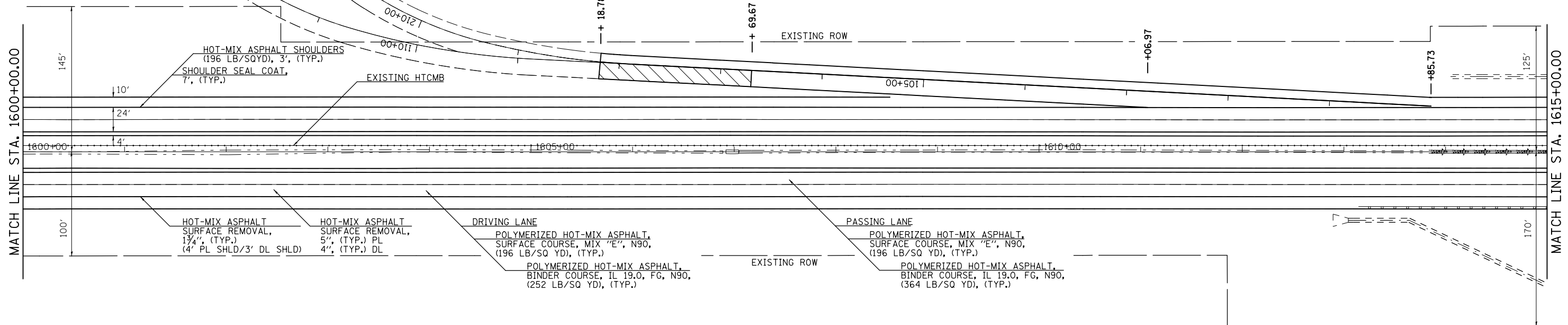
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#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 14 OF 17 SHEETS STA. 1570+00.00 TO STA. 1600+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	054
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT	



 RESURFACING TRANSITION & OMISSION, SEE DETAIL SHEET NOS. 85-90

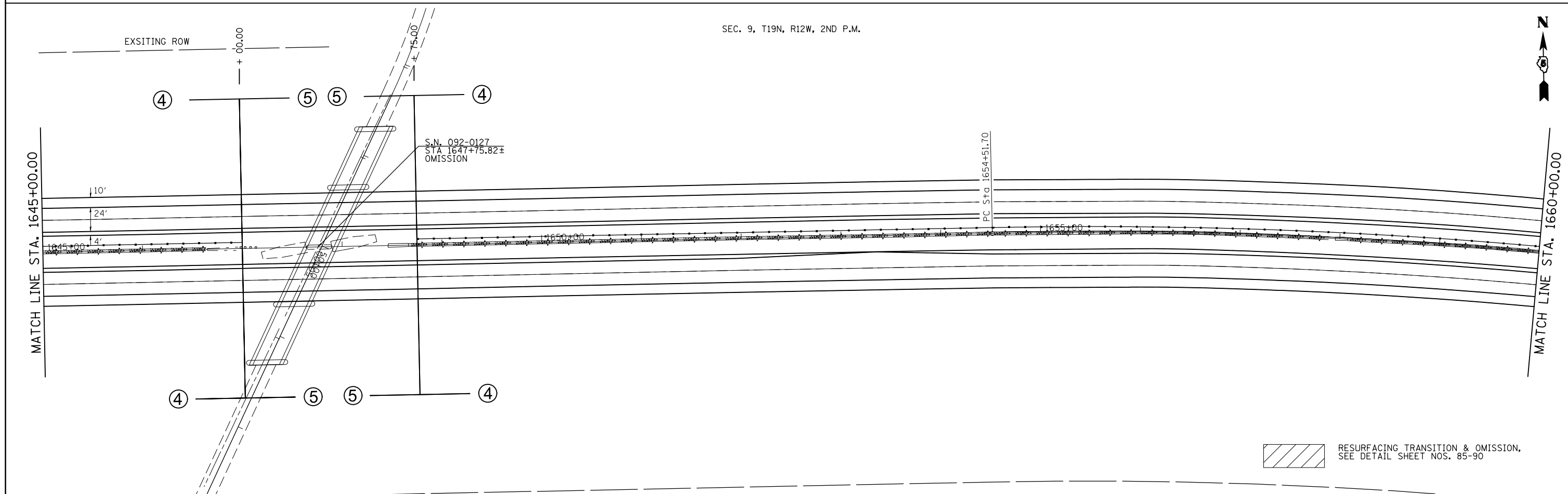
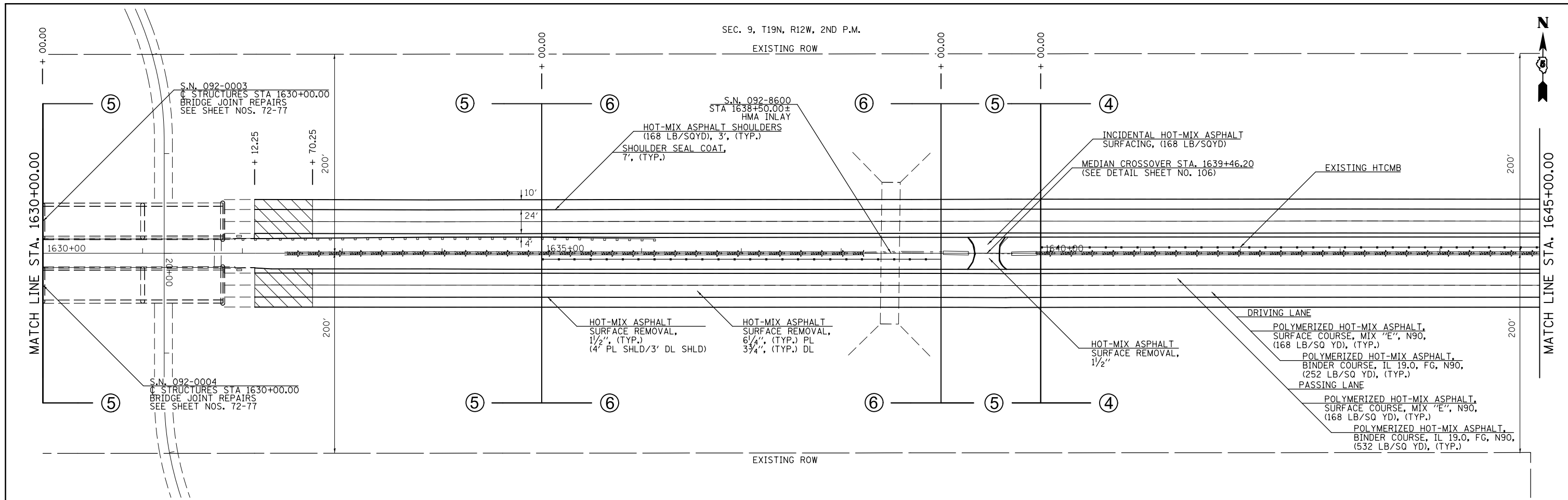
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		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 12/18/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 15 OF 17 SHEETS STA. 1600+00.00 TO STA. 1630+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	055
10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT	



 RESURFACING TRANSITION & OMISSION,
SEE DETAIL SHEET NOS. 85-90

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -
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		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 12/18/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

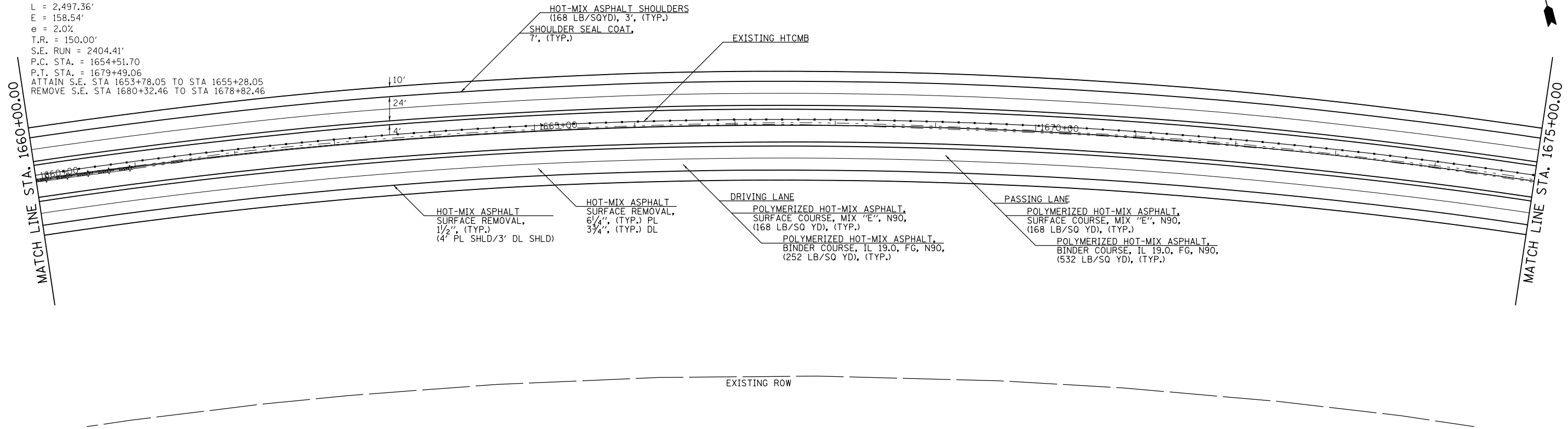
PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 16 OF 17 SHEETS STA. 1630+00.00 TO STA. 1660+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	056
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT	

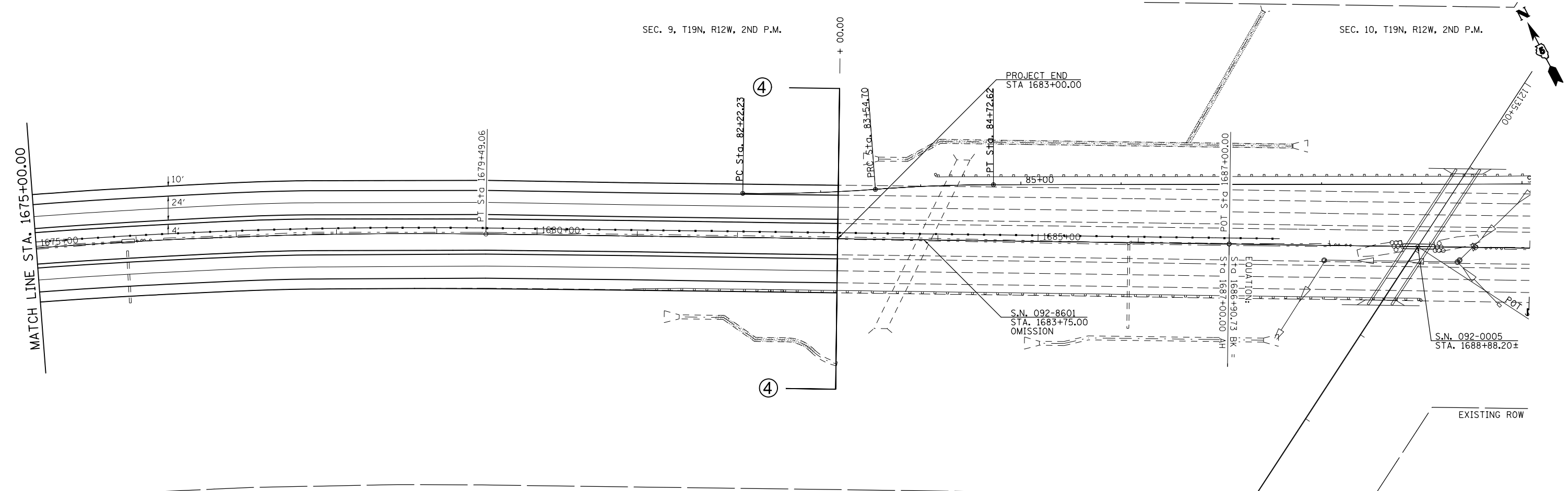
EXIST. CURVE CURV9
 PI STA. = 1667+26.51
 $\Delta = 28^\circ 21' 23''$ (RT)
 $D = 1^\circ 08' 08''$
 $R = 5,046.08'$
 $T = 1,274.81'$
 $L = 2,497.36'$
 $E = 158.54'$
 $e = 2.0\%$
 $T.R. = 150.00'$
 $S.E. RUN = 2404.41'$
 $P.C. STA. = 1654+51.70$
 $P.T. STA. = 1679+49.06$
 ATTAIN S.E. STA 1653+78.05 TO STA 1655+28.05
 REMOVE S.E. STA 1680+32.46 TO STA 1678+82.46

SEC. 9, T19N, R12W, 2ND P.M.



SEC. 9, T19N, R12W, 2ND P.M.

SEC. 10, T19N, R12W, 2ND P.M.



FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 12/18/2014		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET F.A.I. 74

SCALE: 50.0'/In. SHEET 17 OF 17 SHEETS STA. 1660+00.00 TO STA. 1690+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	VERMILION	106	057
10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



Exist. Curve CH10FR-1
 PI Sta. 6+78.29
 $\Delta = 27^\circ 49' 18''$ (RT)
 $D = 19^\circ 02' 54''$
 $T = 74.50'$
 $R = 300.79'$
 $L = 146.06'$
 $E = 9.09'$
 PC Sta. 6+03.79
 PT Sta. 7+49.85

Exist. Curve CH10FR-2
 PI Sta. 16+82.89
 $\Delta = 50^\circ 28' 19''$ (LT)
 $D = 6^\circ 00' 00''$
 $T = 450.09'$
 $R = 954.93'$
 $L = 841.20'$
 $E = 100.75'$
 PC Sta. 12+32.80
 PT Sta. 20+74.00

Exist. Curve CH10RD-3
 PI Sta. 121+47.13
 $\Delta = 5^\circ 22' 01''$ (LT)
 $D = 1^\circ 10' 29''$
 $T = 228.60'$
 $R = 4,877.27'$
 $L = 456.87'$
 $E = 5.35'$
 PC Sta. 119+18.53
 PT Sta. 123+75.40

Exist. Curve CH10RC-2
 PI Sta. 106+68.53
 $\Delta = 37^\circ 21' 47''$ (RT)
 $D = 10^\circ 25' 03''$
 $T = 185.97'$
 $R = 550.00'$
 $L = 358.66'$
 $E = 30.59'$
 PC Sta. 104+82.56
 PT Sta. 108+41.22

Exist. Curve CH10RD-1
 PI Sta. 108+09.78
 $\Delta = 32^\circ 49' 20''$ (RT)
 $D = 10^\circ 25' 03''$
 $T = 161.99'$
 $R = 550.00'$
 $L = 315.07'$
 $E = 23.36'$
 PC Sta. 106+47.79
 PT Sta. 109+62.86

Exist. Curve CH10RC-1
 PI Sta. 98+61.98
 $\Delta = 48^\circ 52' 48''$ (LT)
 $D = 6^\circ 00' 00''$
 $T = 433.98'$
 $R = 954.93'$
 $L = 814.67'$
 $E = 93.99'$
 PC Sta. 94+28.00
 PT Sta. 102+42.67

Exist. Curve CH10RD-2
 PI Sta. 115+67.87
 $\Delta = 44^\circ 27' 10''$ (LT)
 $D = 6^\circ 00' 00''$
 $T = 390.21'$
 $R = 954.93'$
 $L = 740.88'$
 $E = 76.65'$
 PC Sta. 111+77.66
 PT Sta. 119+18.53

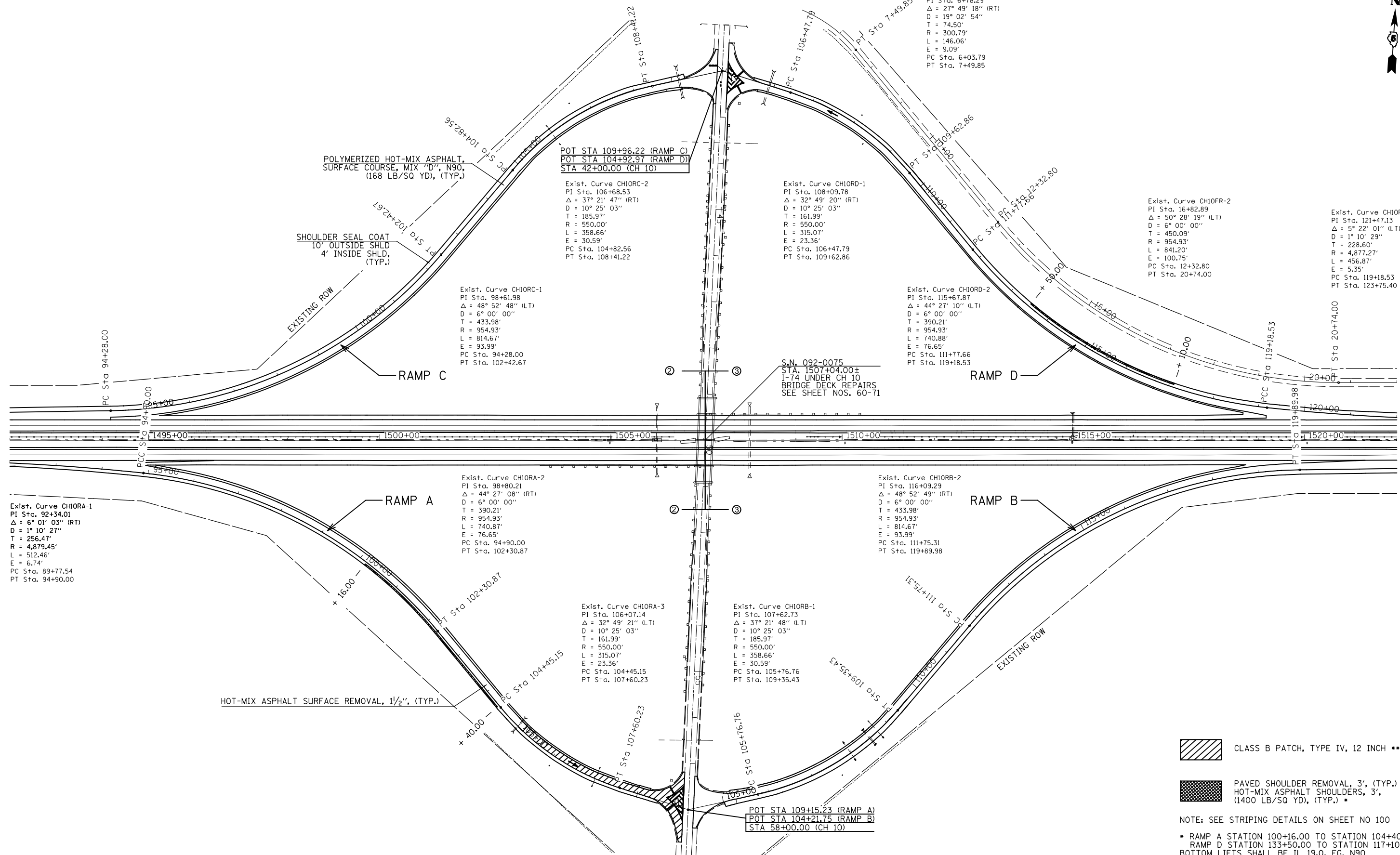
Exist. Curve CH10RA-1
 PI Sta. 92+34.01
 $\Delta = 6^\circ 01' 03''$ (RT)
 $D = 1^\circ 10' 27''$
 $T = 256.47'$
 $R = 4,879.45'$
 $L = 512.46'$
 $E = 6.74'$
 PC Sta. 89+77.54
 PT Sta. 94+90.00

Exist. Curve CH10RA-2
 PI Sta. 98+80.21
 $\Delta = 44^\circ 27' 08''$ (RT)
 $D = 6^\circ 00' 00''$
 $T = 390.21'$
 $R = 954.93'$
 $L = 740.87'$
 $E = 76.65'$
 PC Sta. 94+90.00
 PT Sta. 102+30.87

Exist. Curve CH10RB-2
 PI Sta. 116+09.29
 $\Delta = 48^\circ 52' 49''$ (RT)
 $D = 6^\circ 00' 00''$
 $T = 433.98'$
 $R = 954.93'$
 $L = 814.67'$
 $E = 93.99'$
 PC Sta. 111+75.31
 PT Sta. 119+89.98

Exist. Curve CH10RA-3
 PI Sta. 106+07.14
 $\Delta = 32^\circ 49' 21''$ (LT)
 $D = 10^\circ 25' 03''$
 $T = 161.99'$
 $R = 550.00'$
 $L = 315.07'$
 $E = 23.36'$
 PC Sta. 104+45.15
 PT Sta. 107+60.23

Exist. Curve CH10RB-1
 PI Sta. 107+62.73
 $\Delta = 37^\circ 21' 48''$ (LT)
 $D = 10^\circ 25' 03''$
 $T = 185.97'$
 $R = 550.00'$
 $L = 358.66'$
 $E = 30.59'$
 PC Sta. 105+76.76
 PT Sta. 109+35.43

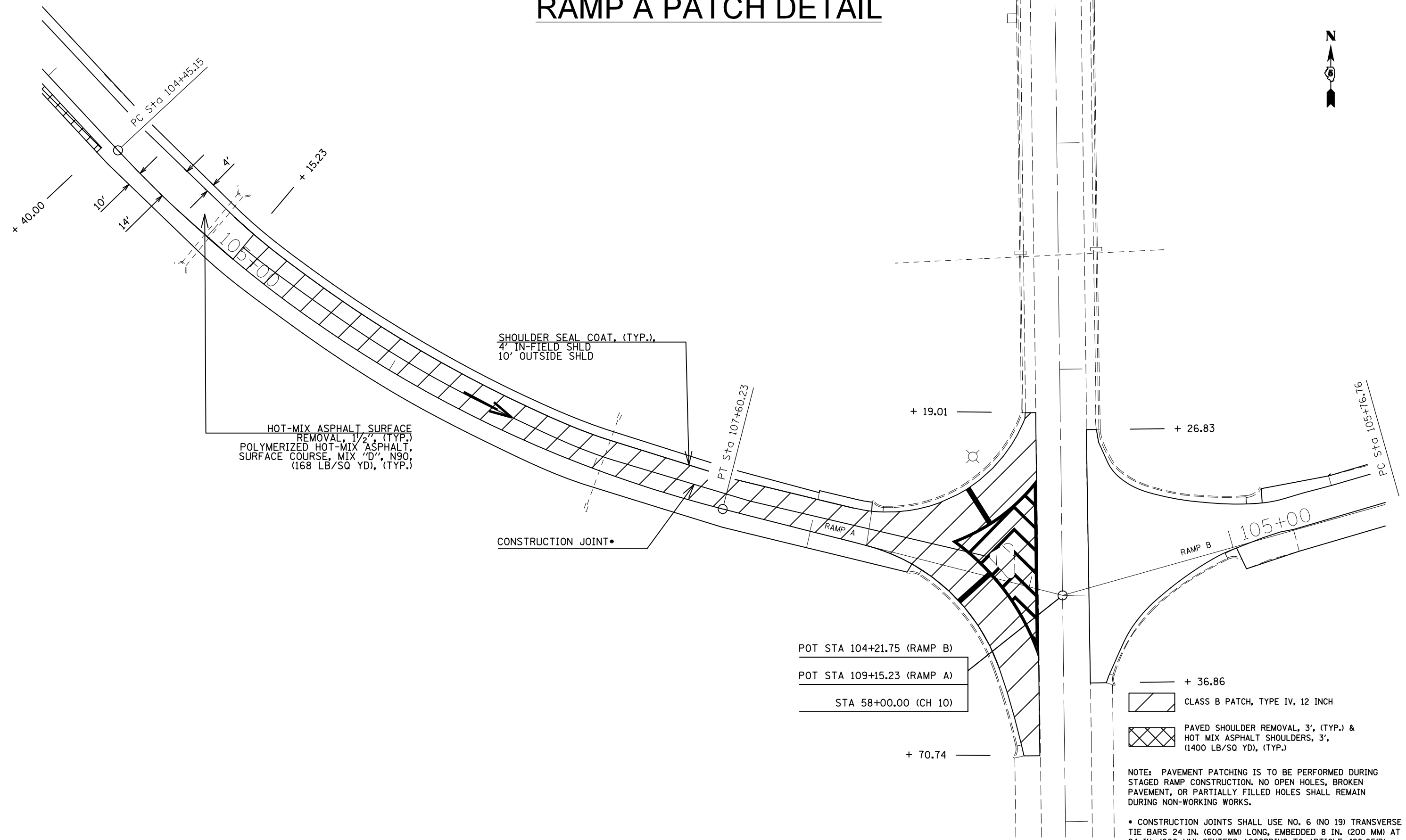


- CLASS B PATCH, TYPE IV, 12 INCH **
- PAVED SHOULDER REMOVAL, 3', (TYP.) & HOT-MIX ASPHALT SHOULDERS, 3', (1400 LB/SQ YD), (TYP.) *

NOTE: SEE STRIPING DETAILS ON SHEET NO 100
 * RAMP A STATION 100+16.00 TO STATION 104+40.00
 RAMP D STATION 133+50.00 TO STATION 117+10.00
 BOTTOM LIFTS SHALL BE IL 19.0, FG, N90
 TOP 1/2" LIFT SHALL BE IL 9.5L
 ** SEE CLASS B PATCH DETAIL ON SHEET NO. 59

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		FAI 74 & FAS 331 (CH 10) INTERCHANGE	74	.	VERMILION	106	058	
#MODELNAME#	PLOT DATE = 12/18/2014	CHECKED -	REVISED -		SCALE: 200.0'/in	SHEET 1	OF 1	SHEETS	STA.	TO STA.	CONTRACT NO. 70788
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT

RAMP A PATCH DETAIL



- + 36.86
 - + 70.74
 - + 19.01
 - + 26.83
 - + 15.23
 - + 40.00
- CLASS B PATCH, TYPE IV, 12 INCH
 - PAVED SHOULDER REMOVAL, 3', (TYP.) & HOT MIX ASPHALT SHOULDERS, 3', (1400 LB/SQ YD), (TYP.)

NOTE: PAVEMENT PATCHING IS TO BE PERFORMED DURING STAGED RAMP CONSTRUCTION. NO OPEN HOLES, BROKEN PAVEMENT, OR PARTIALLY FILLED HOLES SHALL REMAIN DURING NON-WORKING WORKS.

• CONSTRUCTION JOINTS SHALL USE NO. 6 (NO 19) TRANSVERSE TIE BARS 24 IN. (600 MM) LONG, EMBEDDED 8 IN. (200 MM) AT 24 IN. (600 MM) CENTERS ACCORDING TO ARTICLE 420.05(B).

POT STA 104+21.75 (RAMP B)
 POT STA 109+15.23 (RAMP A)
 STA 58+00.00 (CH 10)

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -
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MODELNAME	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RAMP A
 CLASS B PATCH DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	059
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO.	70788	
ILLINOIS FED. AID PROJECT				

STRUCTURE 092-0075 WAS ORIGINALLY BUILT IN 1960 AS SA-10 OVER FAI-5, SECTION 92-10 HB AT STATION 1507+04.00 BY THE STATE OF ILLINOIS. THE STRUCTURE WAS REPAIRED IN 1977 INCLUDING DECK PATCHING, EXPANSION DEVICE RECONSTRUCTION, INSTALLATION OF WATERPROOFING MEMBRANE SYSTEM WITH A BITUMINOUS OVERLAY. THE PARAPETS WERE REMOVED AND RECONSTRUCTED AND THE WATERPROOFING MEMBRANE SYSTEM WAS REMOVED AND REPLACED IN 1989.

THE EXISTING STRUCTURE IS A FOUR SPAN PPC I-BEAM STRUCTURE WITH A REINFORCED CONCRETE DECK SUPERSTRUCTURE WITH MULTIPLE COLUMN PIERS AND PILE BENT SPILL-THRU ABUTMENTS WITH A BACK-TO-BACK ABUTMENT LENGTH OF 185'-8". THE STRUCTURE MEASURES 32'-0" FROM FACE-TO-FACE OF PARAPET AND AN OUT-TO-OUT WIDTH OF 35'-2".

METHOD OF CONSTRUCTION: STAGE CONSTRUCTION UTILIZING TC&P STD. 701316-09

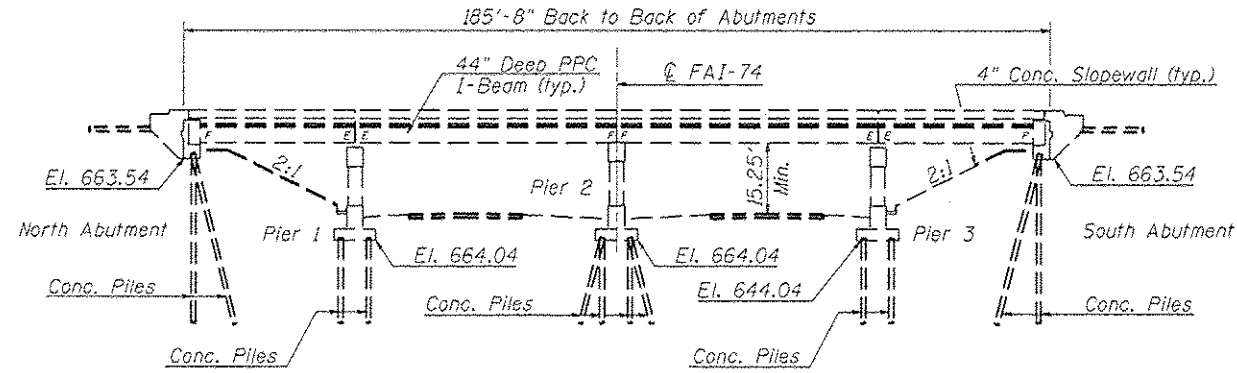
GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

SEE SPECIAL PROVISION "DECK SLAB REPAIR" FOR ADDITIONAL REQUIREMENTS PERTAINING TO DECK SLAB REPAIR.

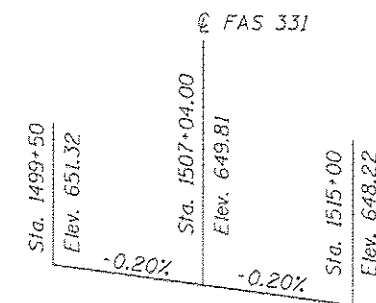
EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. COST INCLUDED WITH DECK SLAB REPAIR.

AREAS OF DECK REPAIRS SHOWN ARE ESTIMATED. THE ENGINEER SHALL SHOW ACTUAL LOCATIONS OF DECK REPAIRS ON AS-BUILT PLANS.

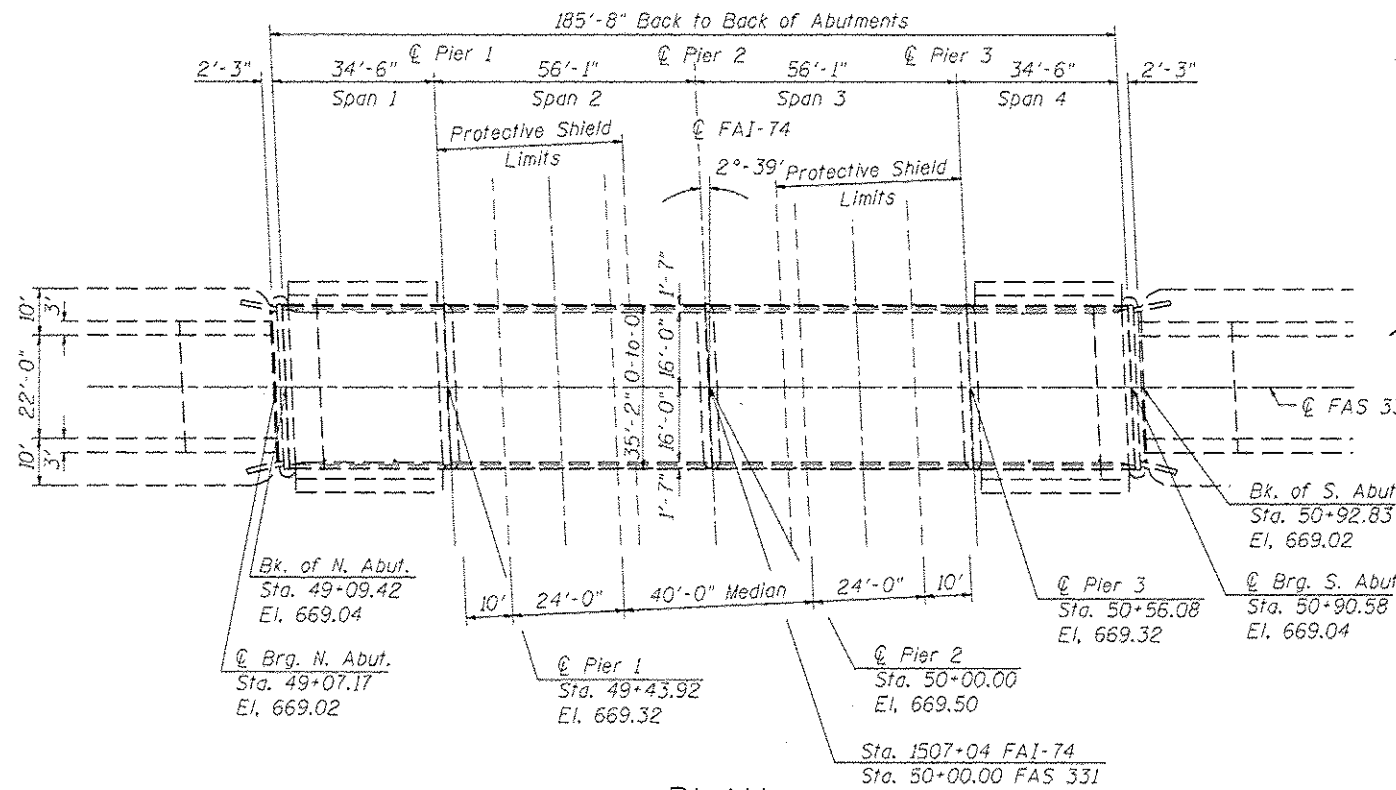


ELEVATION

ELEVATIONS TAKEN FROM AS-BUILT PLANS AND ARE SHOWN FOR PERSPECTIVE ONLY.



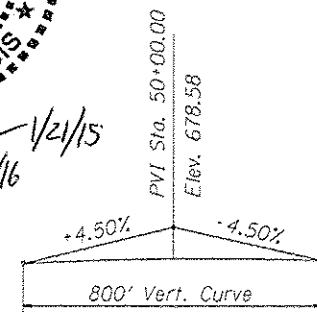
FAI-74 PROFILE GRADE



PLAN



David Carl Puzey 1/21/15
Expires 11/30/16



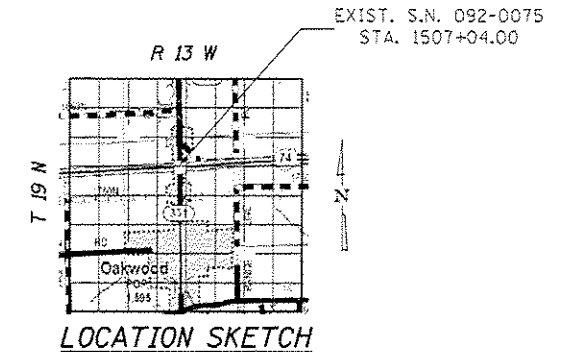
FAS 331 PROFILE GRADE

PROPOSED WORK

1. Remove Existing Waterproofing Membrane System and H.M.A. Wearing Surface from bridge deck and approach pavements.
2. Perform Deck Slab repair
3. Place Waterproofing Membrane System
4. Place Polymerized HMA Surface on Deck & Approach Pavements.

INDEX OF SHEETS

1. General Plan and Elevation
2. Deck Cross Sections
3. Typical Staging Construction Detail
- 4.-6. Bridge Deck Patching Detail
- 6.-7. Wearing Surface Plan
8. Joint Replacement Detail
- 9.-12. As-Built Plans (Information Only)



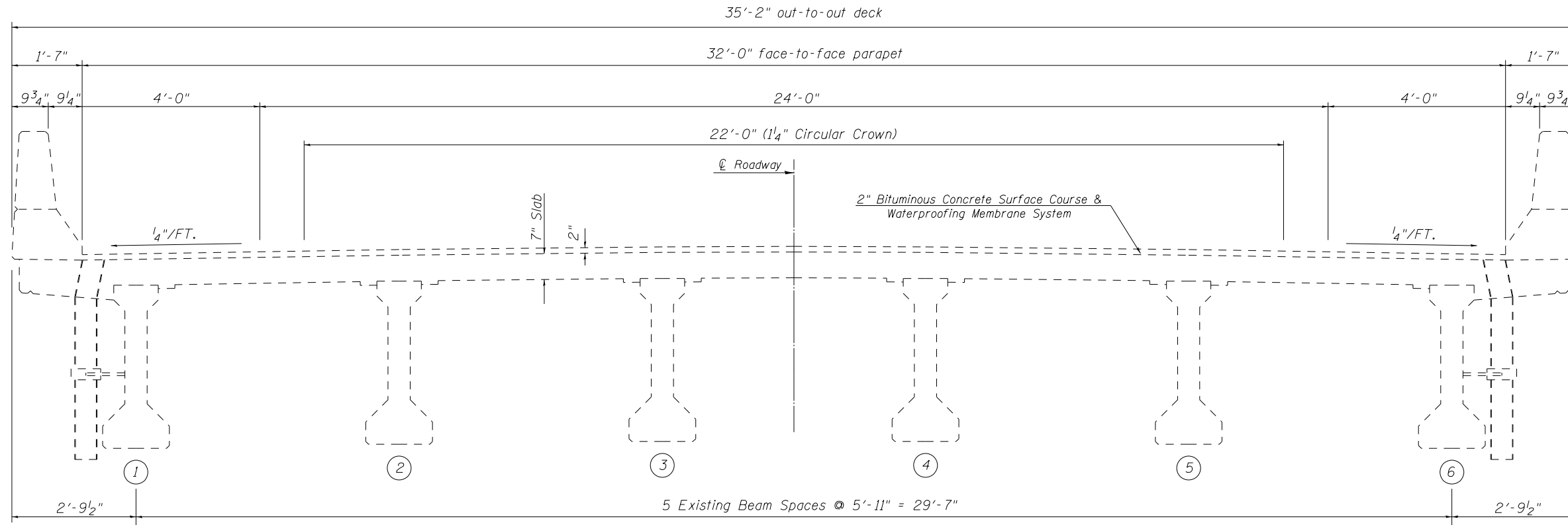
LOCATION SKETCH

TOTAL BILL OF MATERIAL

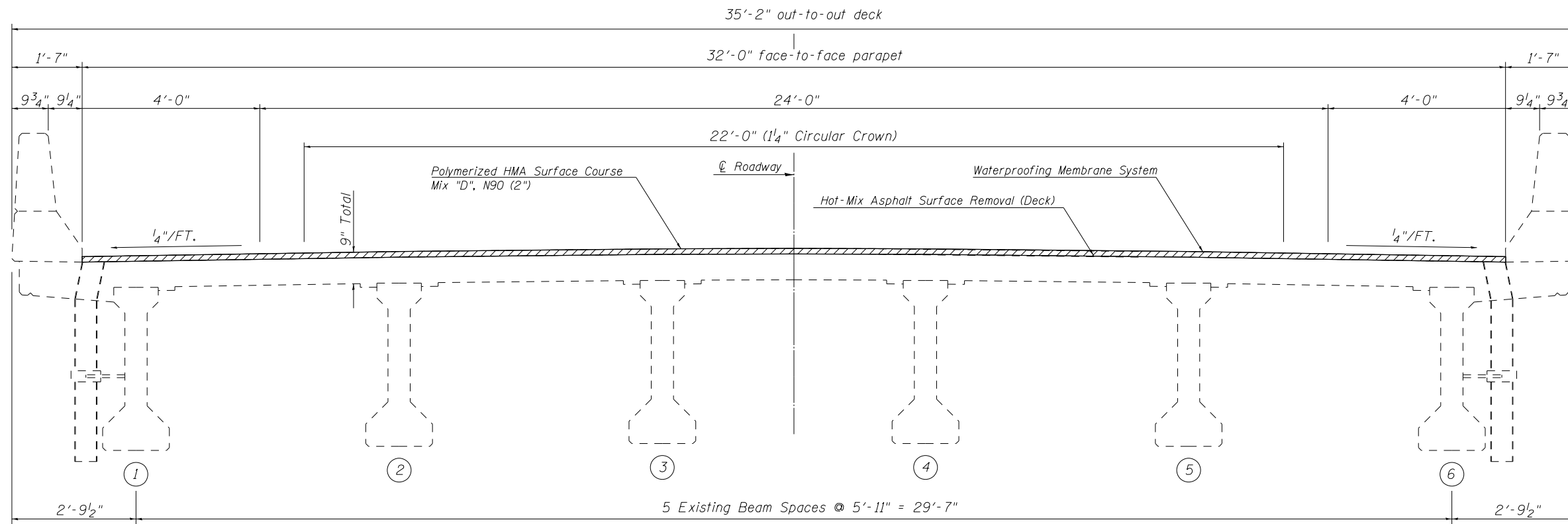
ITEM	UNIT	TOTAL
Poly. HMA Surf. CSE, Mix "D", N90	Ton	88.0
Protective Shield	Sq. Yd.	311.0
Waterproofing Membrane System	Sq. Yd.	794.0
HMA Surface Removal (Deck)	Sq. Yd.	783.0
Deck Slab Repair (Full-Depth Type 2)	Sq. Yd.	25.0
Deck Slab Repair (Partial)	Sq. Yd.	65.0
Silicone Joint Sealer, 1"	Foot	32.0
Silicone Joint Sealer, 1/2"	Foot	64.0

FILE NAME: c:\pwork\p1001\sharerj\080204461707	USER NAME: sharerj	DESIGNED: JMS	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION S.N. 092-0075		F.A.I. RTE. 74	SECTION 10192-8,91RS-2,192-101RS-3	COUNTY Vermillion	TOTAL SHEETS 106	SHEET NO. 50	
	BB-292-0075BSMART.dgn	DRAWN: JMS	REVISED:		SCALE: 1" = 20'	SHEET 1	OF 12 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT SCALE = 48,0000 1/ in.	CHECKED: FLC	REVISED:									
	PLOT DATE = 12/29/2014	DATE: 090314	REVISED:									

EXISTING TYPICAL CROSS SECTION



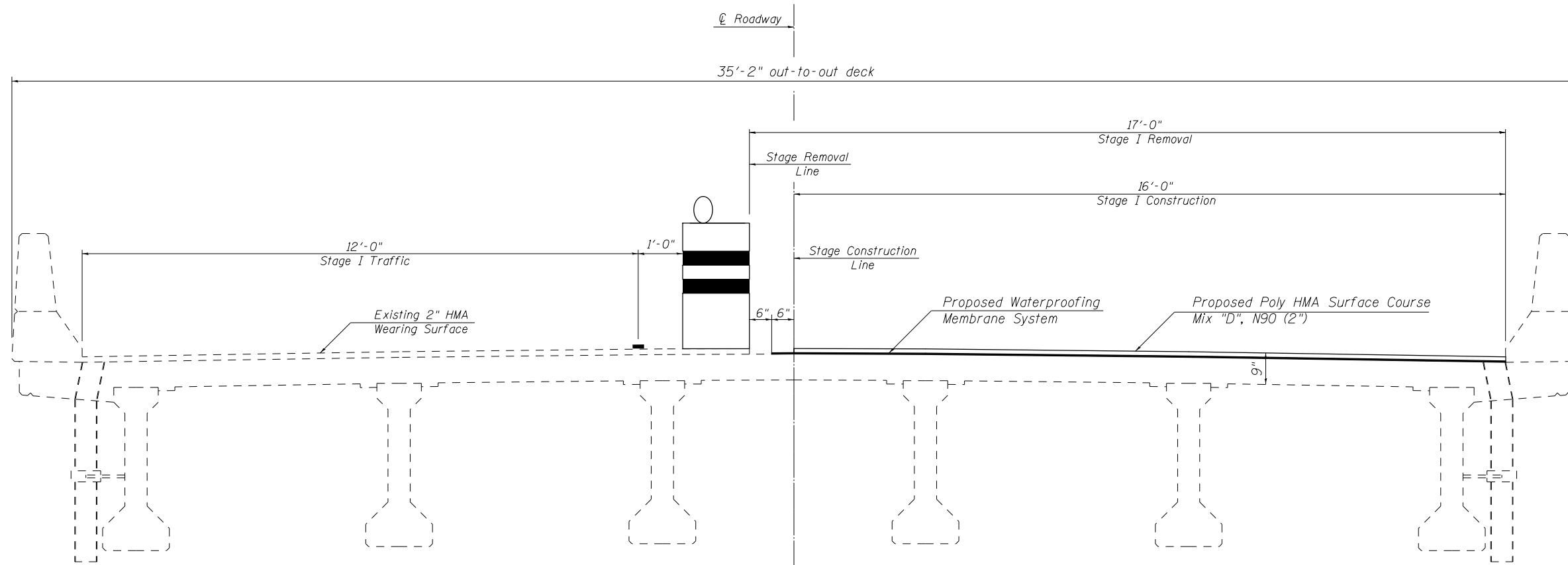
PROPOSED TYPICAL CROSS SECTION



FILE NAME =	USER NAME = jaymedf	DESIGNED - JMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL DECK CROSS SECTIONS S.N. 092-0075			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\id\jaymedf\d0328446\70788-092-0075BSMART.dgn		DRAWN - JMS	REVISED -		74	10(92-8,9)RS-2,(92-10)RS-3	Vermillion	106	61			
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: None SHEET 2 OF 12 SHEETS STA. TO STA.			CONTRACT NO. 70788				
	PLOT DATE = 12/18/2014	DATE - 090314	REVISED -		ILLINOIS FED. AID PROJECT							

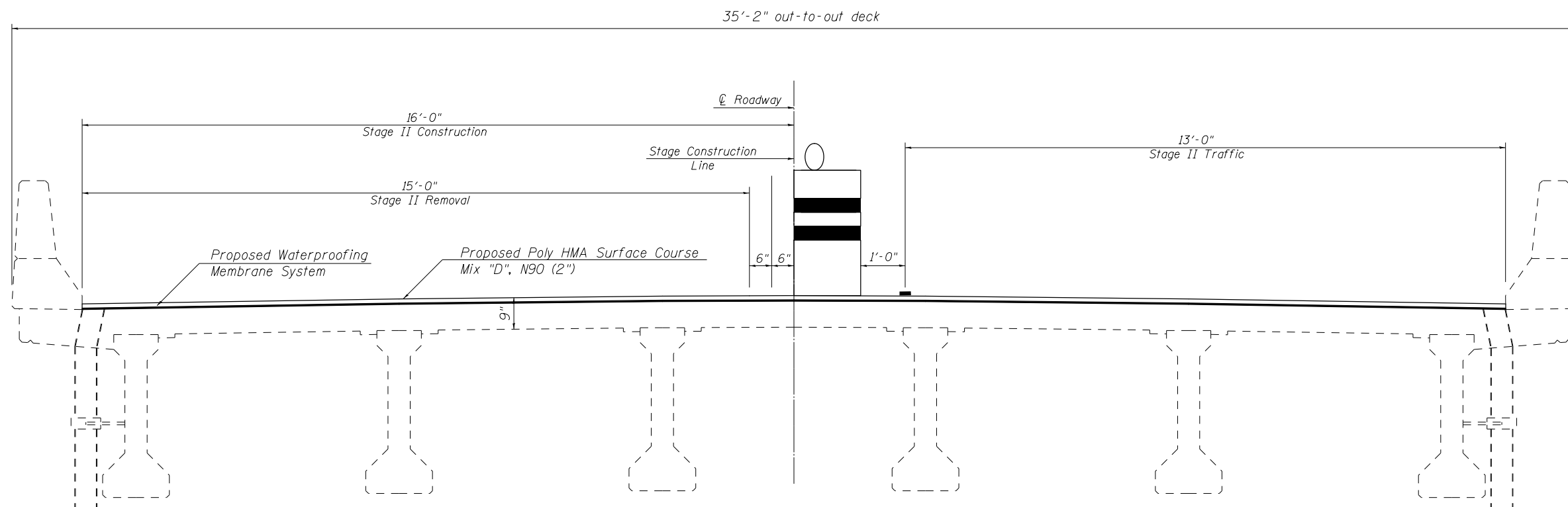
STAGE I CONSTRUCTION DETAIL

SEE TRAFFIC CONTROL AND PROTECTION 701316-09 FOR ADDITIONAL DETAILS NOT SHOWN.




STAGE II CONSTRUCTION DETAIL

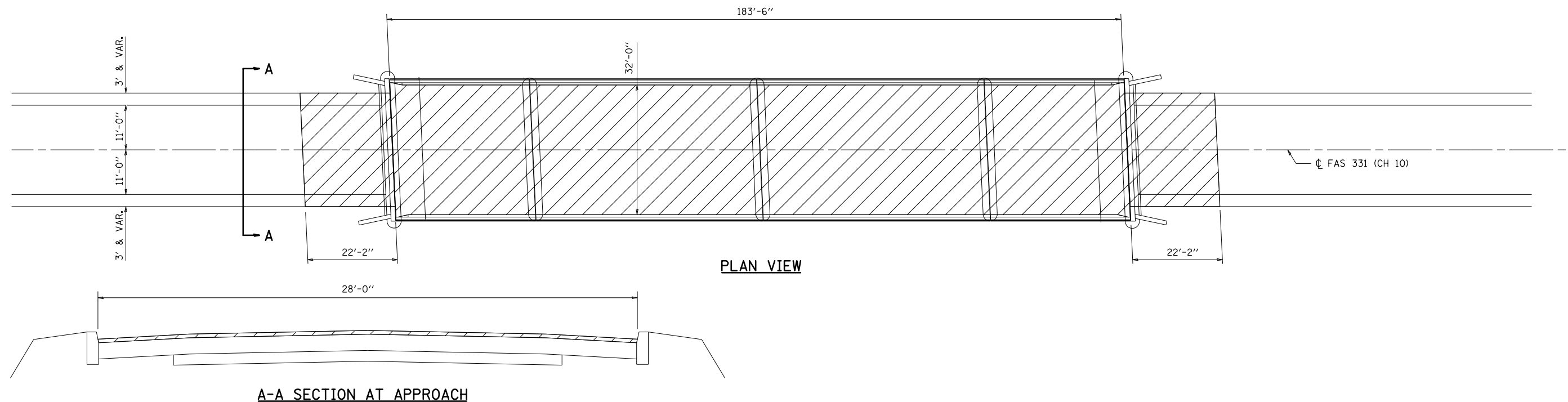
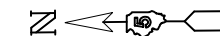
SEE TRAFFIC CONTROL AND PROTECTION 701316-09 FOR ADDITIONAL DETAILS NOT SHOWN.



FILE NAME =	USER NAME = jaymedf	DESIGNED - JMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL STAGING CONSTRUCTION DETAIL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\jaymedf\d0328446\70788-092-0075BSMART.dgn		DRAWN - JMS	REVISED -		S.N. 092-0075			74	10(92-8,9)RS-2,(92-10)RS-3	Vermilion	106	62
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: None	SHEET 3	OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 70788		
	PLOT DATE = 12/18/2014	DATE - 090314	REVISED -		ILLINOIS FED. AID PROJECT							

 HOT-MIX ASPHALT SURFACE REMOVAL (DECK)

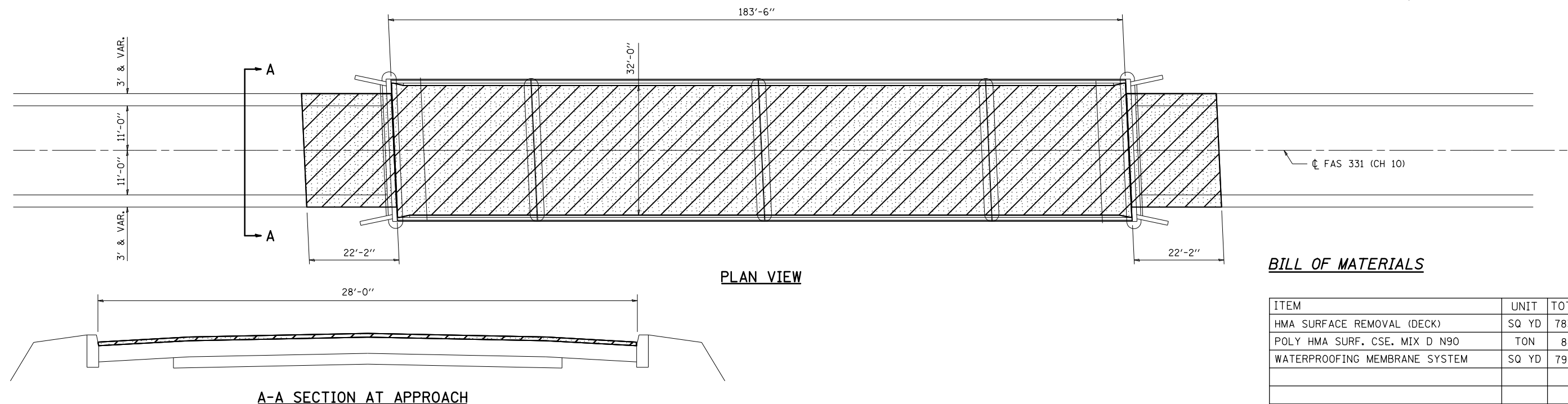
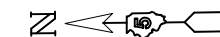
WEARING SURFACE REMOVAL PLAN



 WATERPROOFING MEMBRANE SYSTEM

 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N90 (2")

WEARING SURFACE PLACEMENT PLAN



BILL OF MATERIALS

ITEM	UNIT	TOTAL
HMA SURFACE REMOVAL (DECK)	SQ YD	783.0
POLY HMA SURF. CSE. MIX D N90	TON	88.0
WATERPROOFING MEMBRANE SYSTEM	SQ YD	794.0

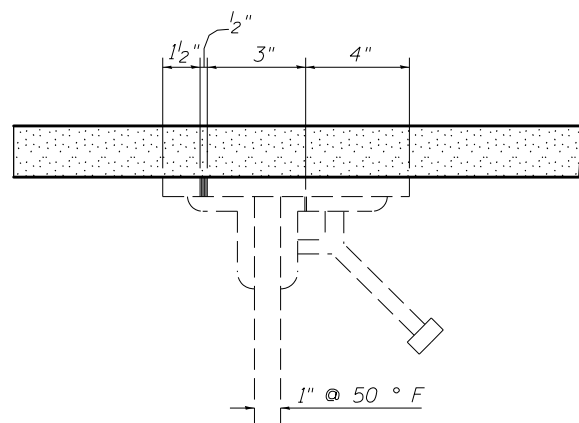
FILE NAME =	USER NAME = shererjm	DESIGNED - JMS	REVISED -
		DRAWN - JMS	REVISED -
		CHECKED -	REVISED -
		DATE - 090314	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

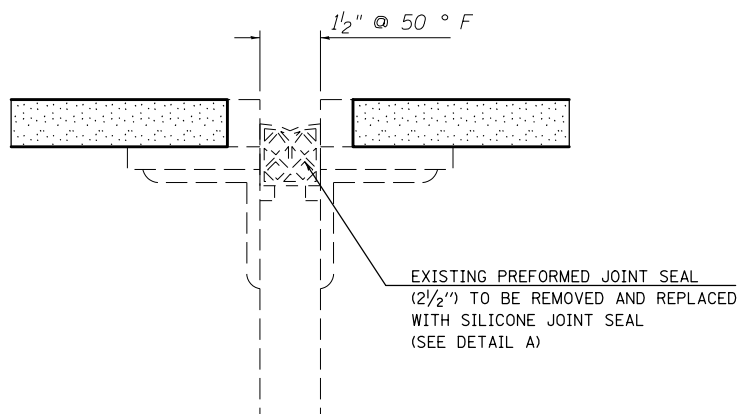
**WEARING SURFACE PLAN
S.N. 092-0075**

SCALE: None SHEET 7 OF 12 SHEETS STA. TO STA.

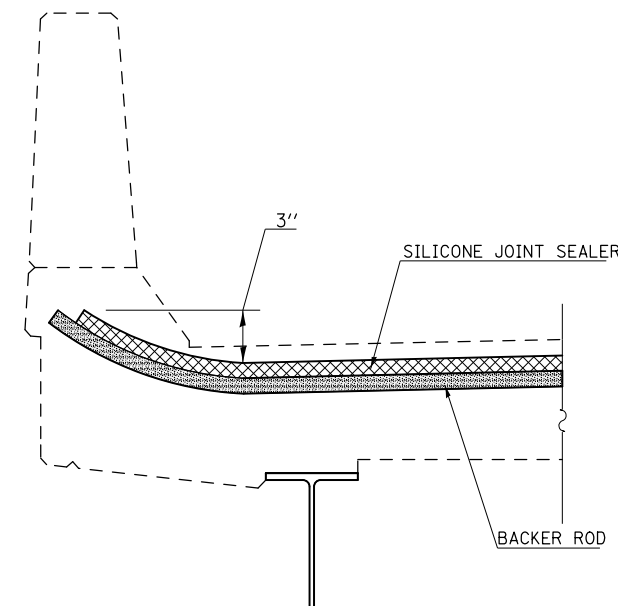
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10(92-8,9)RS-2,(92-10)RS-3	Vermillion	106	66
CONTRACT NO. 70788				
ILLINOIS FED. AID PROJECT				



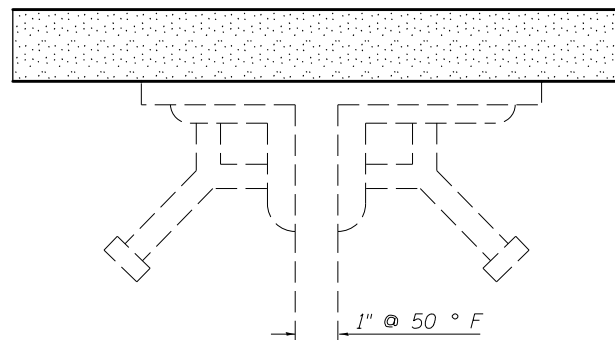
SECTION AT NORTH ABUTMENT



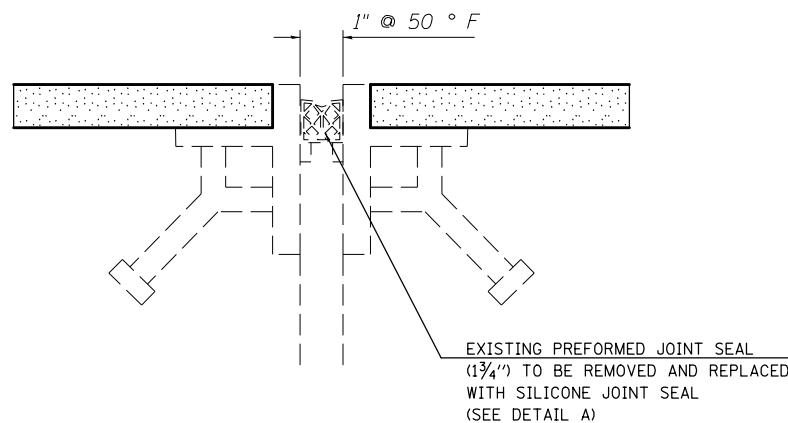
SECTION AT PIER 1



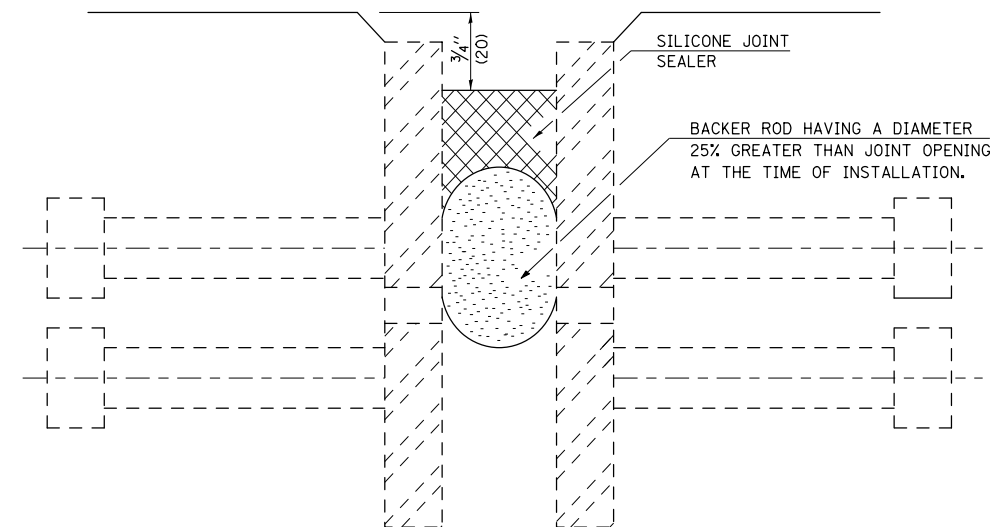
SECTION AT PARAPET SILICONE JOINT SEALER



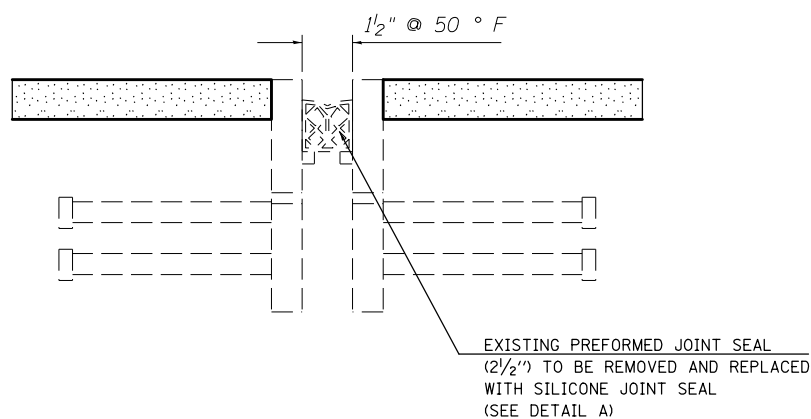
SECTION AT SOUTH ABUTMENT



SECTION AT PIER 2



DETAIL A



SECTION AT PIER 3

WATERPROOFING MEMBRANE SYSTEM
POLYMERIZED HMA SC, MIX "D" N90 (2")

BILL OF MATERIAL

Item	Unit	Total
Silicone Joint Sealer, 1"	Foot	32.0
Silicone Joint Sealer, 1 1/2"	Foot	64.0

DETAIL NOTE:
Removal of the existing Preformed Joint Seal shall be included with the cost of SILICONE JOINT SEALER.

FILE NAME =	USER NAME = jaymedf	DESIGNED - JMS	REVISED -
c:\pwork\work\pwork\jaymedf\d0328446\70788-092-0075BSMART.dgn		DRAWN - JMS	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/18/2014	DATE - 090314	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS OF JOINTS AT ABUTMENTS AND PIERS
S.N. 092-0075

SCALE: None SHEET 8 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10(92-8,9)RS-2,(92-10)RS-3	Vermillion	106	67
				CONTRACT NO. 70788
ILLINOIS FED. AID PROJECT				

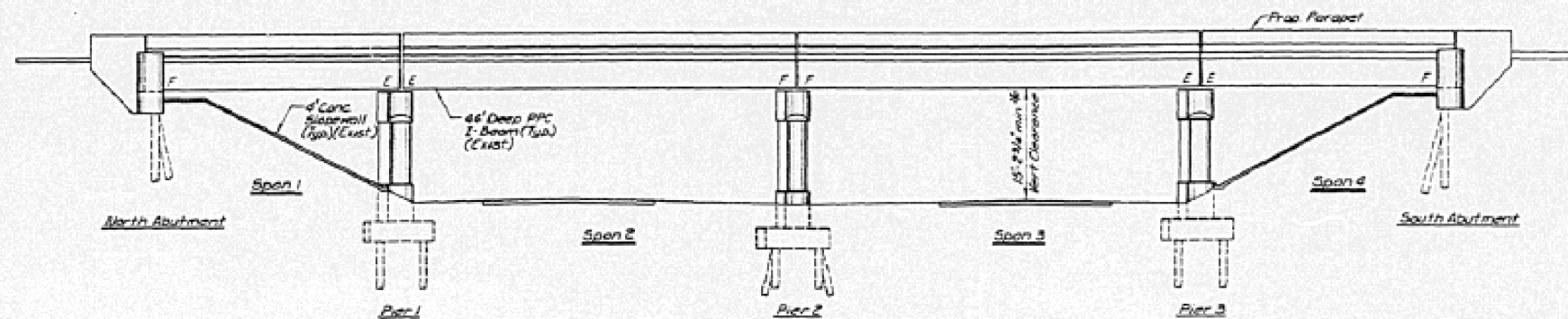
BRIDGE NAME: NONE
 EXISTING STRUCTURE: STRUCTURE NO. 092-0078 WAS BUILT IN 1963 AS SA-10 OVER FAI-3, SECTION 92-10 NO. REPAIRS PERFORMED IN 1977 INCLUDED BRCK PATCHING, EXPANSION DEVICE RECONSTRUCTION, INSTALLATION OF WATERPROOFING MEMBRANE SYSTEM AND BITUMINOUS OVERLAY. THE STRUCTURE CONSISTS OF A FOUR SPAN PRC I-BEAM AND REINFORCED CONCRETE DECK SUPERSTRUCTURE WITH MULTIPLE COLLING PILES AND FILE BENT SPILL TRSU ADJUSTMENTS. OVERALL LENGTH IS 185'-8" AND CLEAR ROADWAY WIDTH IS 34'-0". TRAFFIC TO BE MAINTAINED UTILIZING STAGE CONSTRUCTION. SAVANNAH MAINTENANCE ON HANDRAIL AND INCORPORATE INTO NEW CONSTRUCTION.

Section 92-10R3 & 92-10R3B1

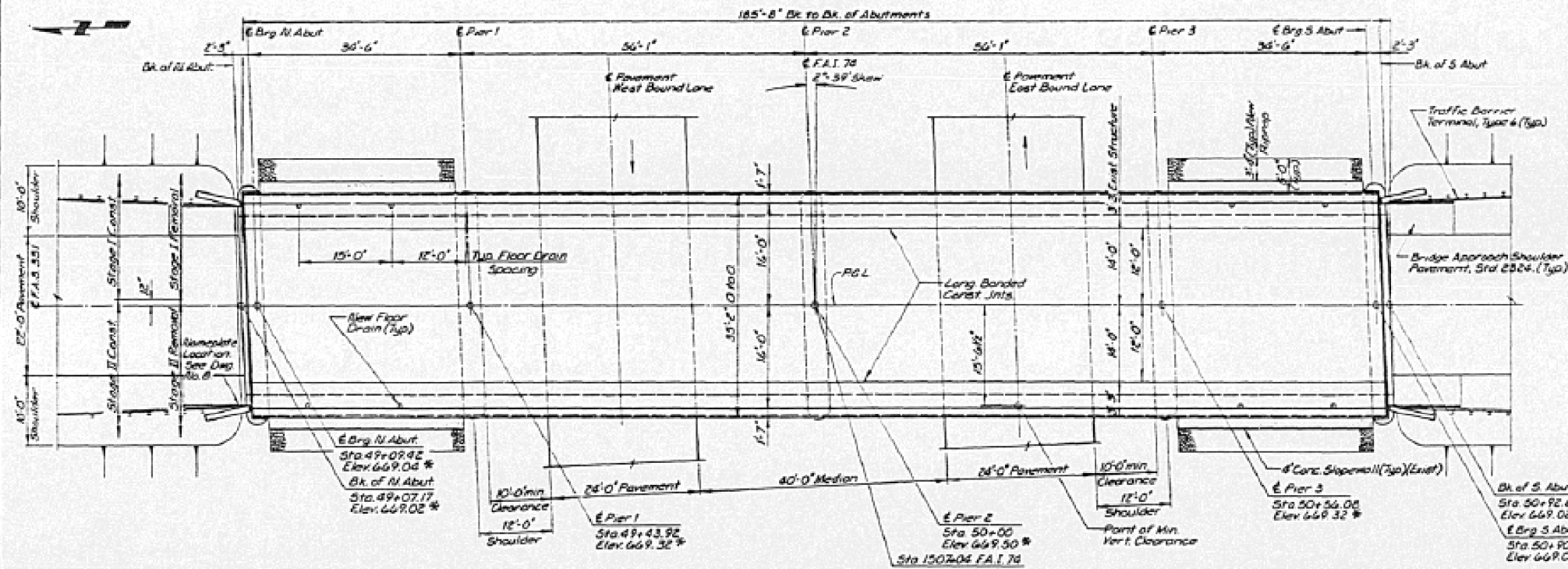
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
74	1092-8,9RS-2	VERMILION	42	33

GENERAL NOTES

- ALL NEW STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH TWO COATS OF THE ZINC-SILICATE AND VINYL PAINT SYSTEM.
- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, A616, OR A617 GRADE 60.
- PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- EXPANSION BOLTS SHALL CONSIST OF APPROVED EXPANSION ANCHORS, PROVIDING MINIMUM CERTIFIED PROOF LOAD = 4,000#, AND 3/4" x 12" HOOKED BOLTS.
- PROTECTIVE COAT SHALL NOT BE APPLIED TO SURFACES TO WHICH WATER-PROOFING MEMBRANE SYSTEM IS APPLIED.



ELEVATION



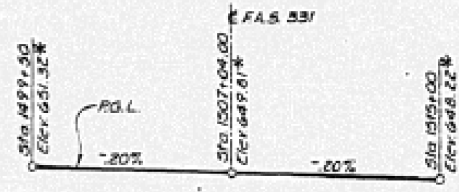
PLAN

TOTAL BILL OF MATERIAL

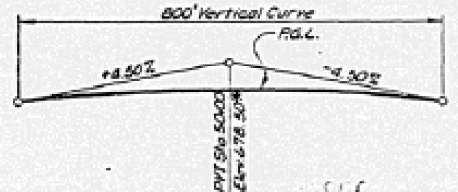
ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL
Bituminous Conc Surface Course, Class 1	Ton	74	-	74
Concrete Removal	Cu Yd	76	5	381
Expansion Bolts, 3/4\"	Each	-	8	8
Handrail Removal	Lin Ft	400	-	400
Pier Drains	Each	8	-	8
Preformed Joint Seal, 1 1/2\"	Lin Ft	35	-	35
Preformed Joint Seal, 2 1/2\"	Lin Ft	70	-	70
Protective Coat	Sq Yd	150	7	1057
Class A Concrete	Cu Yd	-	3.6	3.6
Structural Steel	Lbs	3990	-	3990
Reinforcement Bars	Lbs	7870	70	7900
Reinforcement Bars (Epoxy Coated)	Lbs	7190	220	7410
Deck Slab Repair (Full Depth, Type II)	Sq Yd	2	-	2
Deck Slab Repair (Partial Depth)	Sq Yd	99	-	99
Waterproofing Membrane System	Sq Yd	652	-	652
Bituminous Conc Surface Removal	Sq Yd	690	-	690
Repair Concrete Structures	Sq Ft	160	35	5600
Jack & Reposition Bearings	Each	-	12	12
Class A Concrete Superstructure	Cu Yd	91.5	-	91.5

LEGEND
 F - Fixed Bearing
 E - Eka Bearing
 PGL - Profile Grade Line

ESCA
 CONSULTANTS, INC.
 DESIGNED BY: ROP 7-87
 DRAWN BY: HEM 7-87
 CHECKED BY: JWC 7-87
 APPROVED BY: JSC 7-87



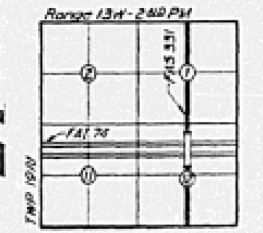
FAI 74 PROFILE GRADE*
 (Along & Pavement)



F.A.S. 331 PROFILE GRADE*
 (Along & Pavement)

- DESIGN SPECIFICATIONS: AASHTO 1983, WITH 1984 & 1985 INTERIMS
- LOADING: HS 20-44
- DESIGN STRESS (FIELD UNITS): Fc = 3,300 psi, Fc = 1,400 psi, fs = 20,000 psi (MINIMUM BARS)
- NEW CONSTRUCTION ONLY

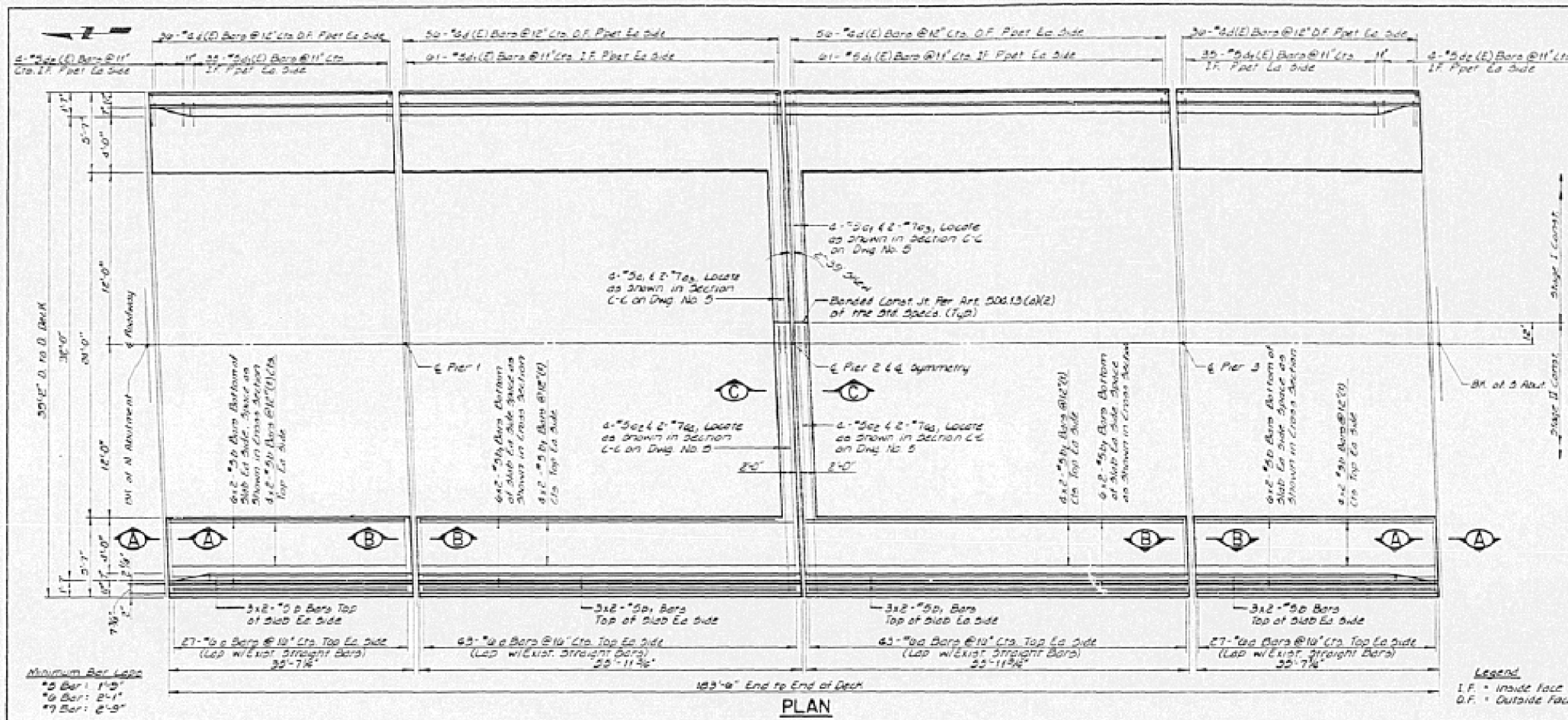
APPROVED
 FOR STRUCTURAL ADEQUACY ONLY
 James J. Ferguson



LOCATION SKETCH



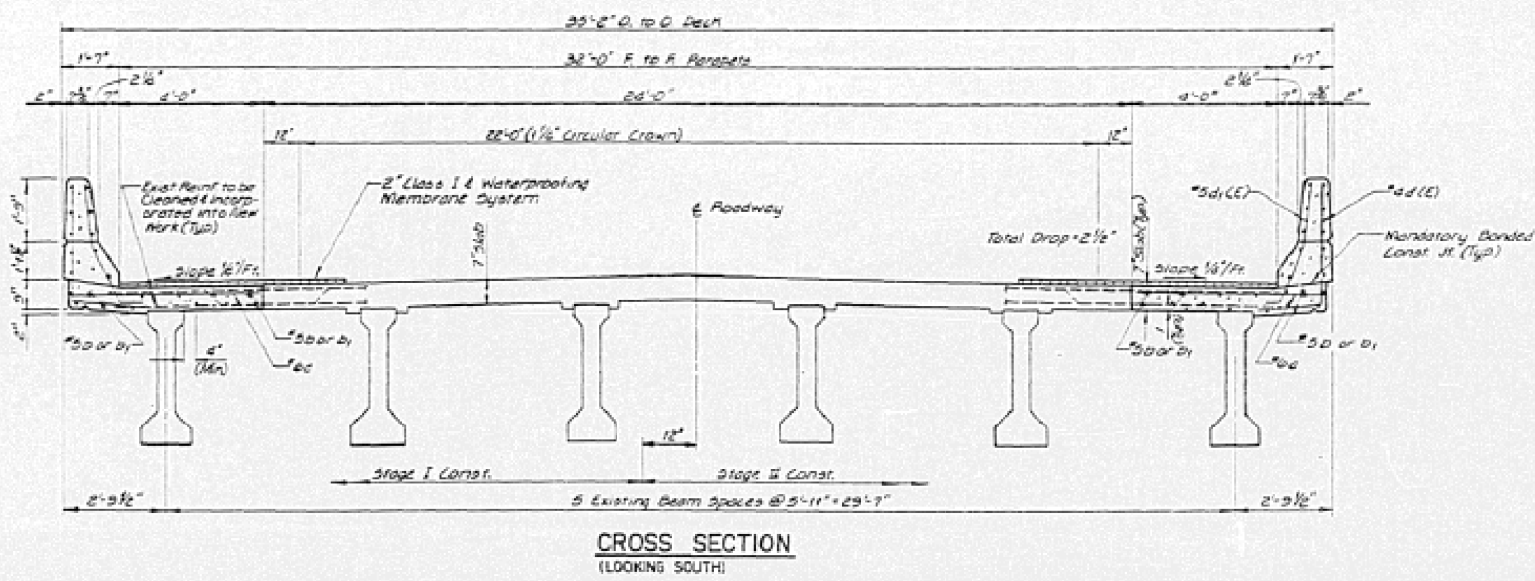
GENERAL PLAN & ELEVATION
 FAS 331 OVER FAI 74
 FAI RTE. 74 SECTION (92-10HBI)
 VERMILION COUNTY
 STATION 1507+04.00
 STRUCTURE NO. 092-0078



DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		Vermilion	61	36
FED. ROAD DIST. NO. ILLINOIS PROJECT				
Dwg. No. 4 of 10				
Section (92-99) & (92-10) HD				

- NOTES**
- SEE DWG. NOS 5 AND 6 FOR SUPERSTRUCTURE DETAILS, BILL OF MATERIAL AND SECTIONS A-A, B-B, & C-C.
 - REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
 - BAR INDICATED THIS: 4#1-4#5, ETC., INDICATES 4 LINES OF BARS WITH 1 LENGTHS PER LINE.
 - EXISTING REINFORCEMENT WHICH EXTENDS INTO THE CONCRETE REMOVAL AREAS BEYOND BONDED JOINTS SHALL BE CLEANED AND INCORPORATED INTO THE NEW CONSTRUCTION, COST INCIDENTAL.
 - ANY EXISTING REINFORCEMENT TO BE INCORPORATED INTO THE NEW CONSTRUCTION WHICH IS DAMAGED OR REMOVED DURING THE CONTRACTORS CONCRETE REMOVAL OPERATIONS SHALL BE REPLACED. CONFIGURATION (SIZE, SPACING, LAP LENGTHS, ETC.) OF THE REPLACEMENT REINFORCEMENT IS SUBJECT TO THE APPROVAL OF THE ENGINEER, COST INCIDENTAL.
 - JOINTS IN PARAPET NOT SHOWN. SEE DWG. NO. 5 FOR DETAILS.

Legend
 I.F. = Inside Face
 O.F. = Outside Face

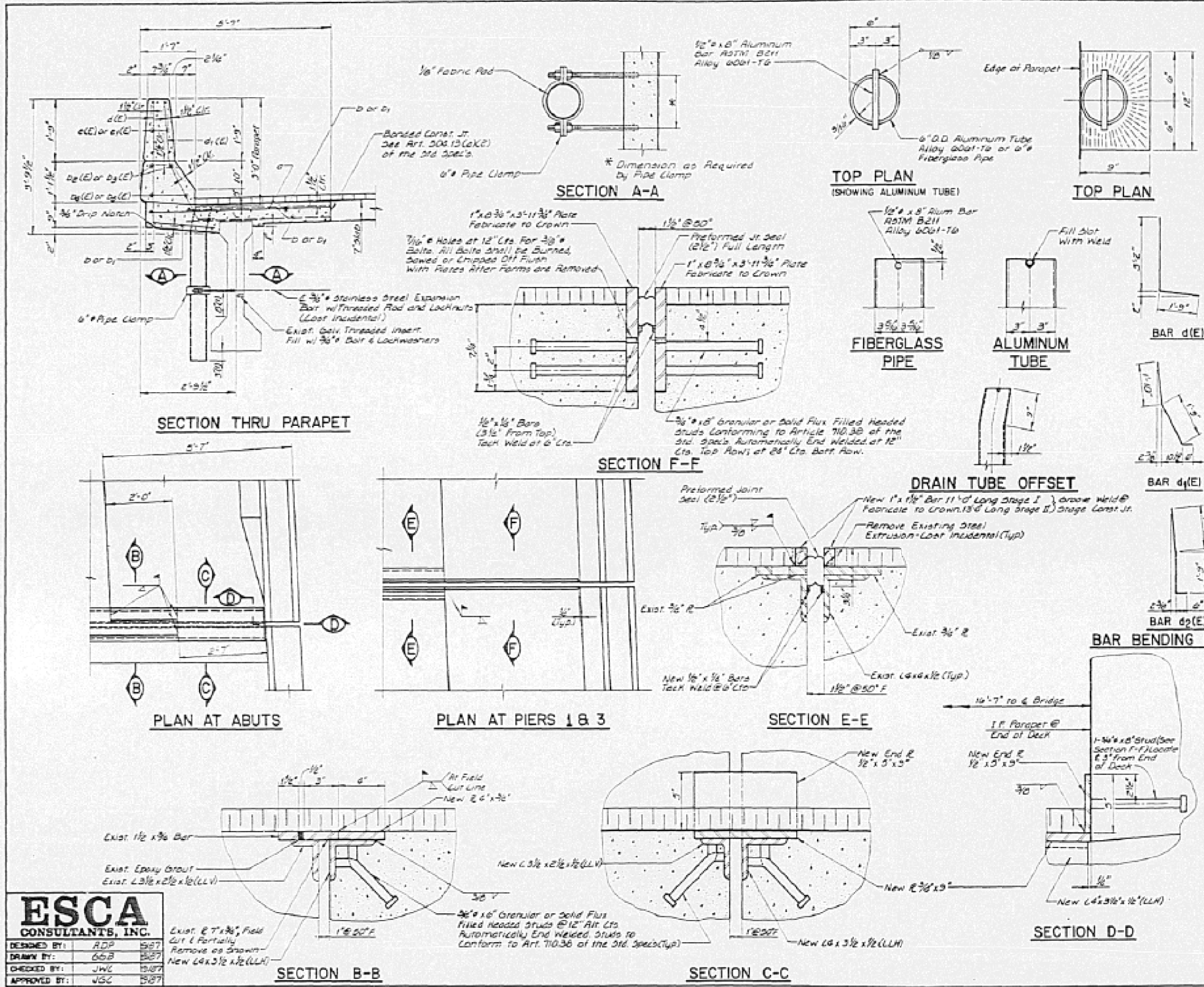


ESCA
 CONSULTANTS, INC.

DESIGNED BY:	ADP	3/27
DRAWN BY:	QOS	3/27
CHECKED BY:	JWC	3/27
APPROVED BY:	JSC	3/27

SUPERSTRUCTURE
 FAS 331 OVER FAJ 74
 FAJ RTE. 74 SECTION (92-10) HD
 VERMILION COUNTY
 STATION 1507+04.00
 STRUCTURE NO. 092-0075

DATE	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
	Vermilion	42	36	
PROJECT				
Disp. NO. 6 OF 10				



NOTES

- FIBERGLASS PIPE SHALL CONFORM TO ASTM D3946, WITH SHORT-TIME RUPTURE STRENGTH HIGHER TENSILE STRESS OF 30,000 P.S.I. MINIMUM.
- THE SURFACE OF THE FIBERGLASS PIPE SHALL BE FREE OF BOND ENHANCING AGENTS.
- THE EXTERIOR SURFACES OF FIBERGLASS FLOOR DRAIN SHALL BE PAINTED WITH ONE COAT OF ALUMINUM PAINT. PAINTING OF THE FIBERGLASS FLOOR DRAIN WILL NOT BE REQUIRED WHEN THE EXTERIOR SURFACES OF THE FURNISHED DRAIN ARE COATED BY THE MANUFACTURER WITH SILVER PIGMENT OR A PIGMENT THAT MATCHES THE COLOR OF THE CONCRETE DECK.
- THE CLAMPING DEVICE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-132.
- REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

BILL OF MATERIAL

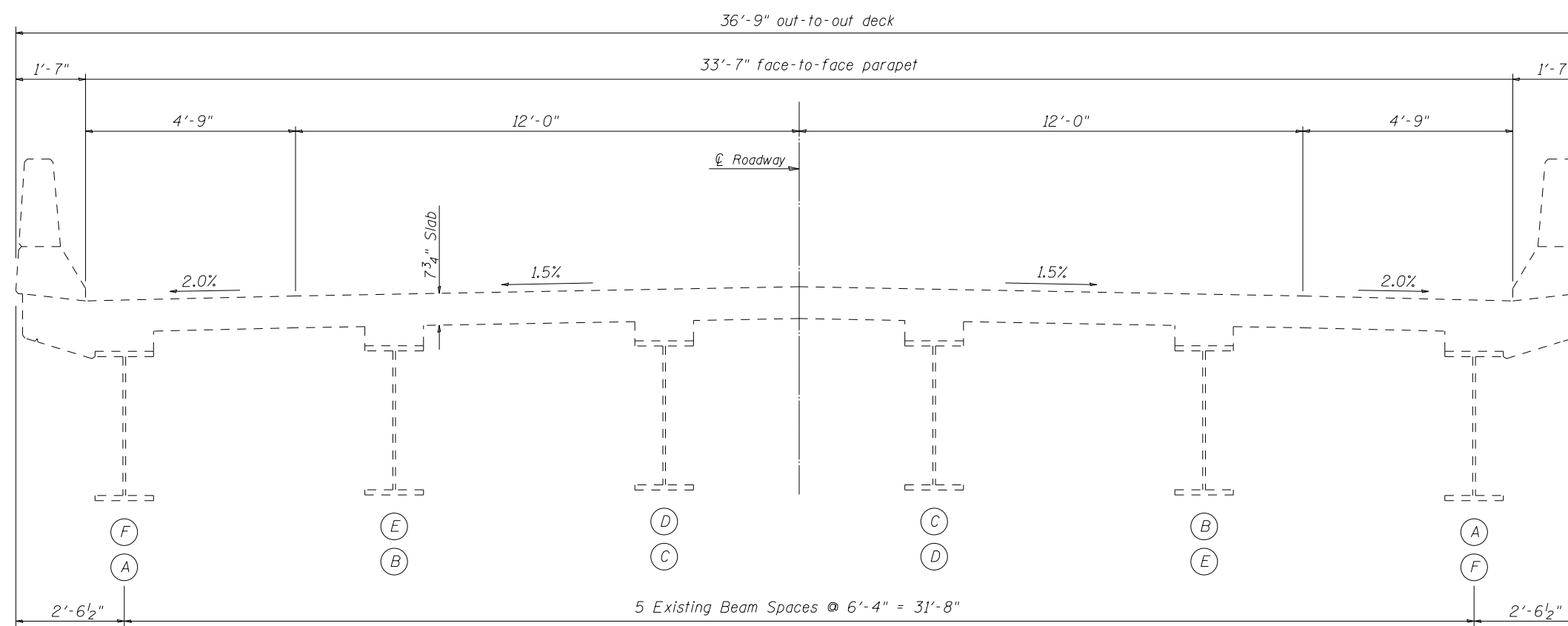
Bar	NO	Size	Length	Shape
a	280	#5	5'-1"	
a1	8	#5	18'-2"	
a2	8	#5	18'-1"	
a3	4	#7	19'-2"	
a4	4	#7	18'-1"	
b	104	#5	18'-6"	
b1	102	#5	20'-9"	
d1(E)	8	#5	30'-3"	
d2(E)	16	#5	30'-5"	
d3(E)	16	#5	18'-6"	
d4(E)	16	#5	28'-9"	
d1(E)	368	#5	8'-11"	L
d1(E)	364	#5	8'-1"	L
d2(E)	16	#5	4'-1"	L
e1(E)	48	#5	17'-6"	
e2(E)	72	#5	18'-8"	

Item	Unit	Quantity
Reinforcement Bars (Epoxy Coated)	Lbs	7900
Reinforcement Bars	Lbs	7870
Class I Concrete Superstructure	Cu Yds	915
Concrete Removal	Cu Yds	70
P.J.S 1 1/2"	Lin Ft	35
P.J.S 2 1/2"	Lin Ft	70

SUPERSTRUCTURE DETAILS
 FAS 331 OVER FAI 74
 FAI RTE. 74 SECTION (92-10HB) I
 VERMILION COUNTY
 STATION 1507+04.00
 STRUCTURE NO. 092-0075

ESCA
 CONSULTANTS, INC.

DESIGNED BY:	ADP	5/27
DRAWN BY:	CSB	5/27
CHECKED BY:	JWC	5/27
APPROVED BY:	JGC	5/27



Looking East Str. 092-0003
Looking West Str. 092-0004

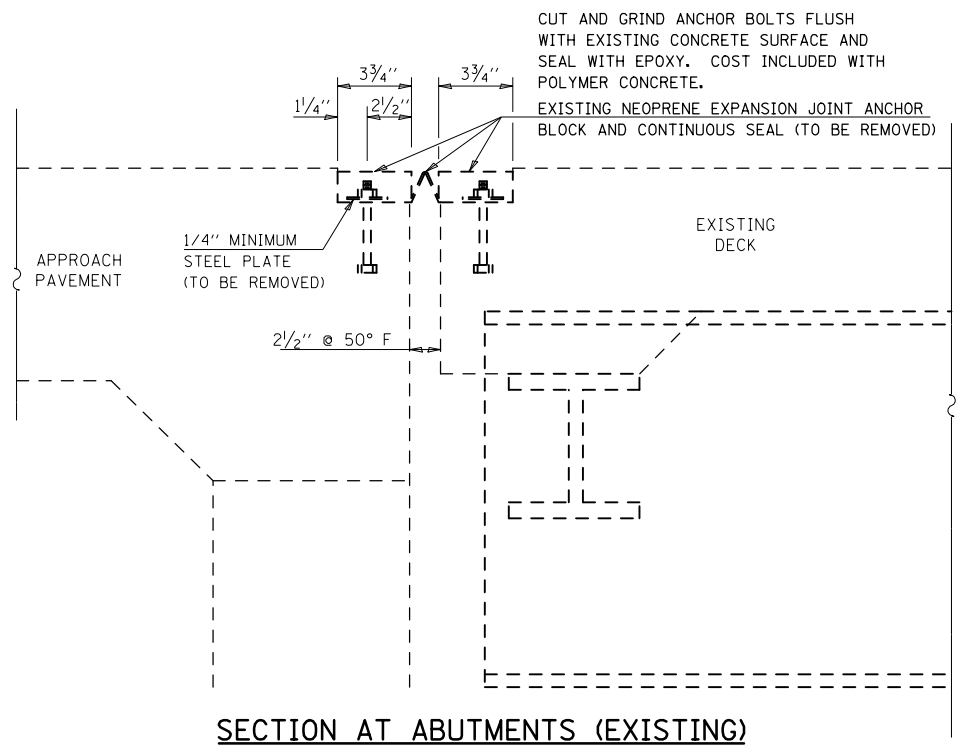
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c:\pwork\pwork\shererjm\d0328446\70788-092-0003 & 0004 BSMART.dgn		DRAWN JMS	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/29/2014	DATE 071714	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

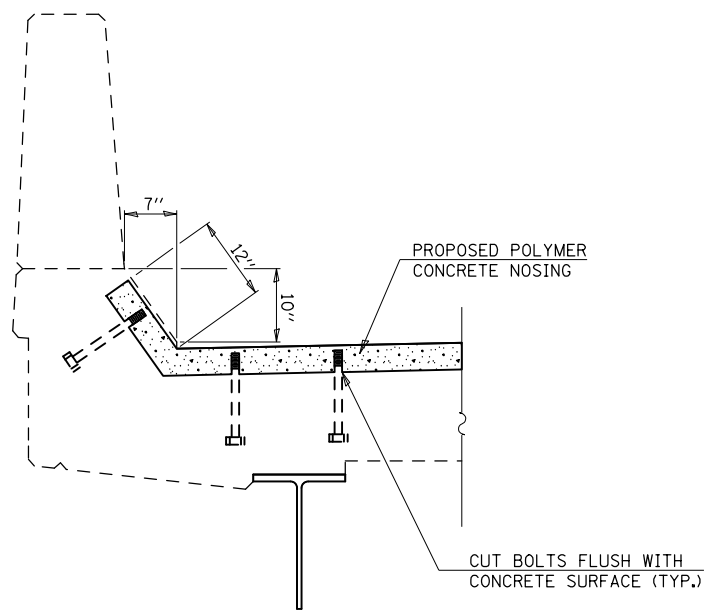
TYPICAL BRIDGE CROSS-SECTION
S.N. 092-0003 & 092-0004

SCALE: 1" = 20' SHEET 2 OF 6 SHEETS STA. TO STA.

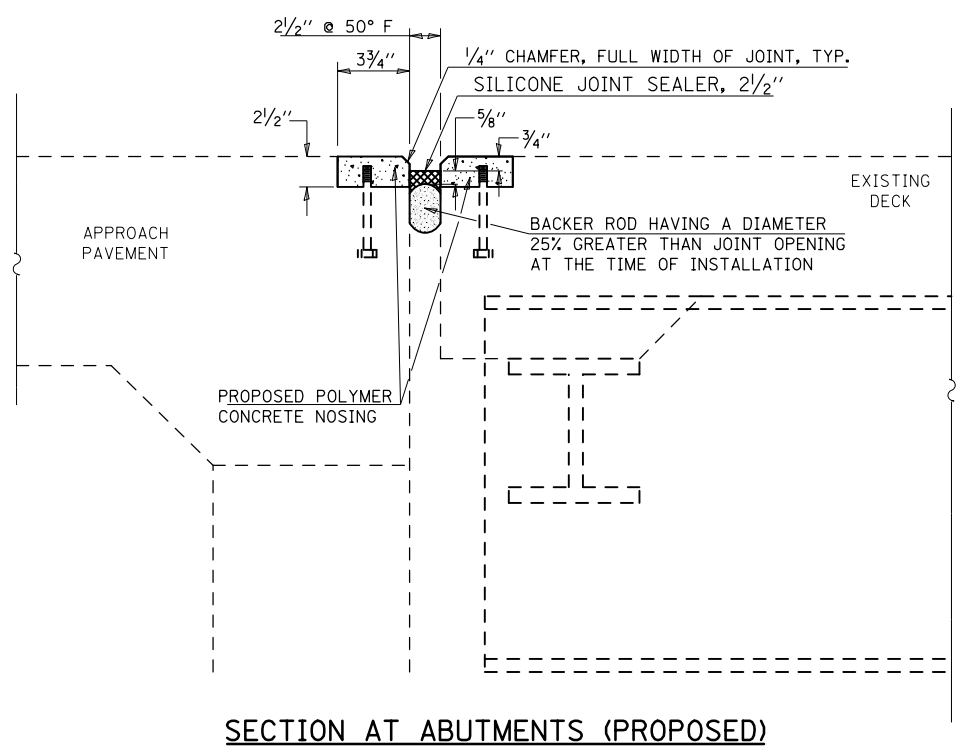
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10(92-8,9)RS-2,(92-10)RS-3	Vermillion	106	73
CONTRACT NO. 70788				
ILLINOIS FED. AID PROJECT				



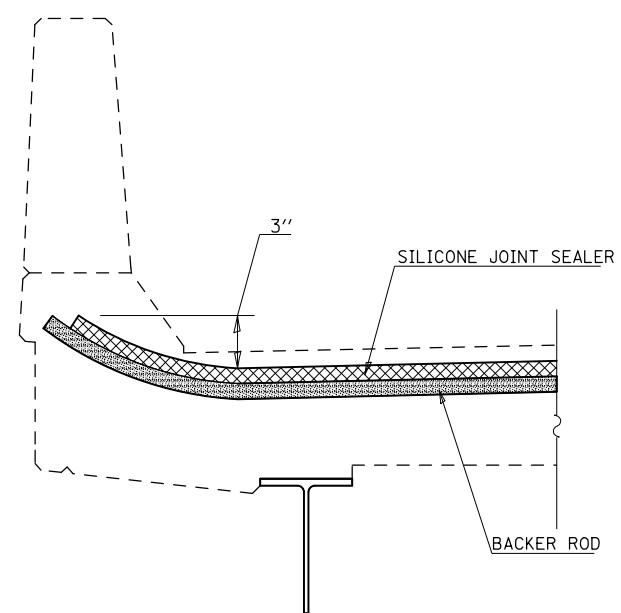
SECTION AT ABUTMENTS (EXISTING)



**SECTION AT PARAPET
POLYMER CONCRETE NOSING**



SECTION AT ABUTMENTS (PROPOSED)



**SECTION AT PARAPET
SILICONE JOINT SEALER**

BILL OF MATERIALS (BOTH STRUCTURES)

Item	Unit	Total
Silicone Joint Sealer, 2 1/2"	Foot	147.0
Polymer Concrete	Cu. Ft.	17.6

FILE NAME =	USER NAME = shererjm	DESIGNED - R. CARROLL	REVISED - JMS 081314
et:\pw\work\p\id\shererjm\d0328446\70788-092-0003 & 0004 BSMART.dgn		DRAWN - R. CARROLL	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 12/29/2014		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINT REPLACEMENT DETAILS
S.N. 092-0003 & 092-0004**

SCALE: SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10(92-8,9)RS-2,(92-10)RS-3	Vermilion	106	74
CONTRACT NO. 70788				
ILLINOIS FED. AID PROJECT				

Existing Structures: No. 092-0003 (E.B.) & No. 092-0004 (W.B.) Built as F.A.I. Route 74, Sec. 92-10B over the Vermilion River in 1959. The Superstructure consists of a reinforced concrete deck 111.10 m Bt. to Bt. abutments and 9.14 m fc. to fc. curb supported by a four span continuous wide flange beam. Concrete deck has been overlaid with ±40 mm bituminous wearing surface and waterproofing membrane system. Traffic shall be maintained during the rehabilitation of both structures by slope construction.

Benchmark: Chisler "□" of N.W. corner of Eastbound Bridge 4.003 m Rt. Sta. 49+627.50 Elevation = 181.370

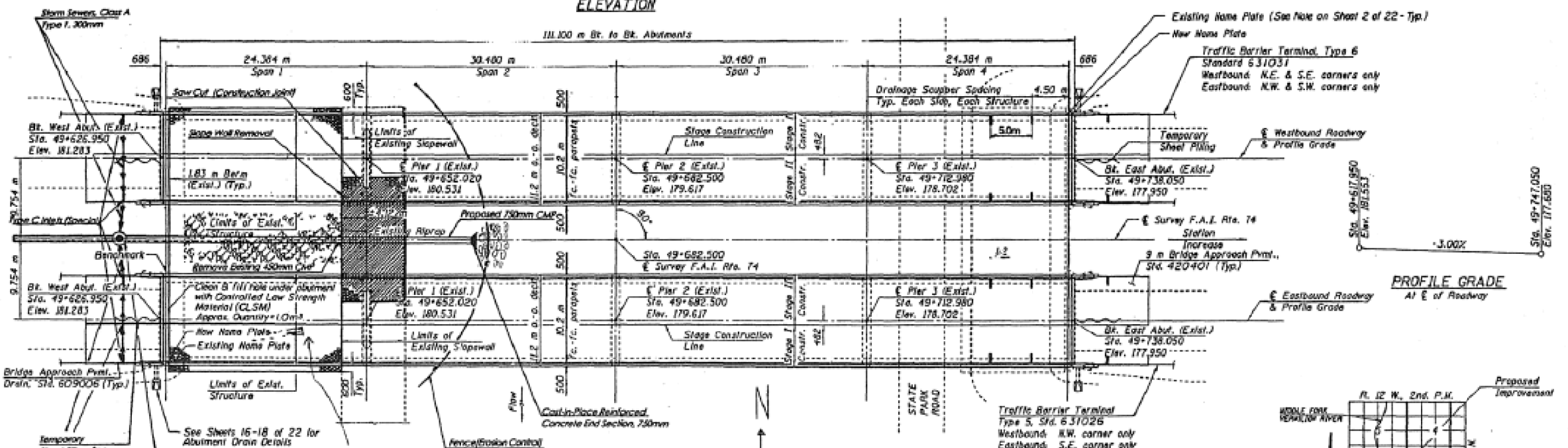
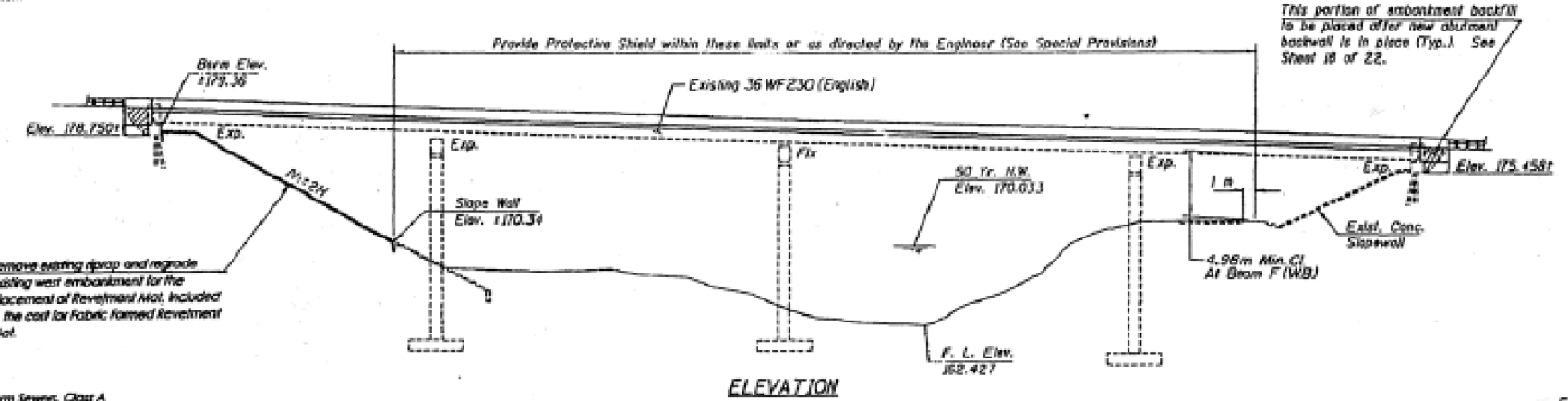
Note: All dimensions are in millimeters (mm) except as noted. All stations and elevations are expressed in meters.

ROUTE NO.	SECTION	COUNTY	STA. (METER)	SHEET NO.
74	92-10B	VERMILION	38	14
FILE NO. 94-14.2				

Sheet 1 of 22

INDEX OF SHEETS

1. GENERAL PLAN AND ELEVATION
2. GENERAL NOTES AND BILL OF MATERIAL
3. STAGE CONSTRUCTION DETAILS
- 4-5. TOP OF SLAB ELEVATIONS
6. SUPERSTRUCTURE
7. SUPERSTRUCTURE DETAILS
- 8-9. DRAINAGE SCUPPER DETAILS
10. NEOPRENE EXPANSION JOINT DETAILS
- 11-12. STRUCTURAL STEEL
- 13-14. BEARING DETAILS
15. ABUTMENT CONCRETE REMOVAL DETAILS
- 16-17. ABUTMENTS
18. ABUTMENT DETAILS
19. BAR SPLICER DETAILS
20. ANCHOR BOLT DETAILS
21. TEMPORARY BRIDGE RAIL DETAILS
22. TEMPORARY CONCRETE BARRIER DETAILS



COMBATED (UNKNOWN ORIGIN) PLAN
PIRE FOUND AND SEISMIC DATA
LEFT IN PLACE ON SLOPE

Seismic Performance Category (S.P.C.) - A
Bedrock Acceleration Coefficient (A) - 0.04g
Site Coefficient (S) - 1.2

LOADING MS18 & ALTERNATE
L2 MN/m² allowance for future wearing surface.

DESIGN STRESSES

- f_c = 10 MPa (Existing Concrete)
- f_c = 24 MPa (New Concrete)
- f_s = 135 MPa (Existing Reinforcement)
- f_s = 400 MPa (New Reinforcement)
- f_y = 228 MPa (Existing ASTM A-7 Steel)
- f_y = 250 MPa (New Structural Steel A270 Gr. 250)

DESIGN SPECIFICATIONS
1996 AASHTO and Invariants

"I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges."

James K. Klein (L-26-96)
ILLINOIS STRUCTURAL NO. 4824 EXPIRES 11-30-98

APPROVED
FOR STRUCTURAL DESIGN ONLY
Ralph E. Anderson
ENGINEER IN CHARGE - PROFESSIONAL ENGINEER



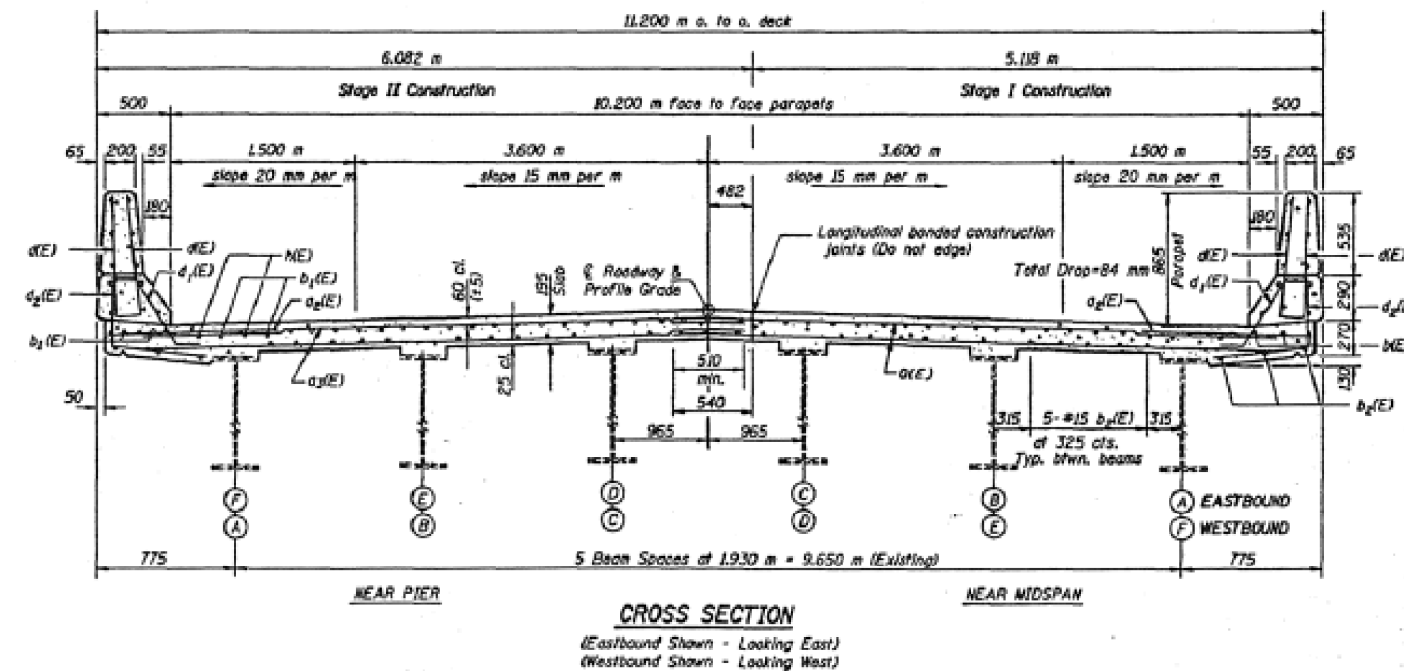
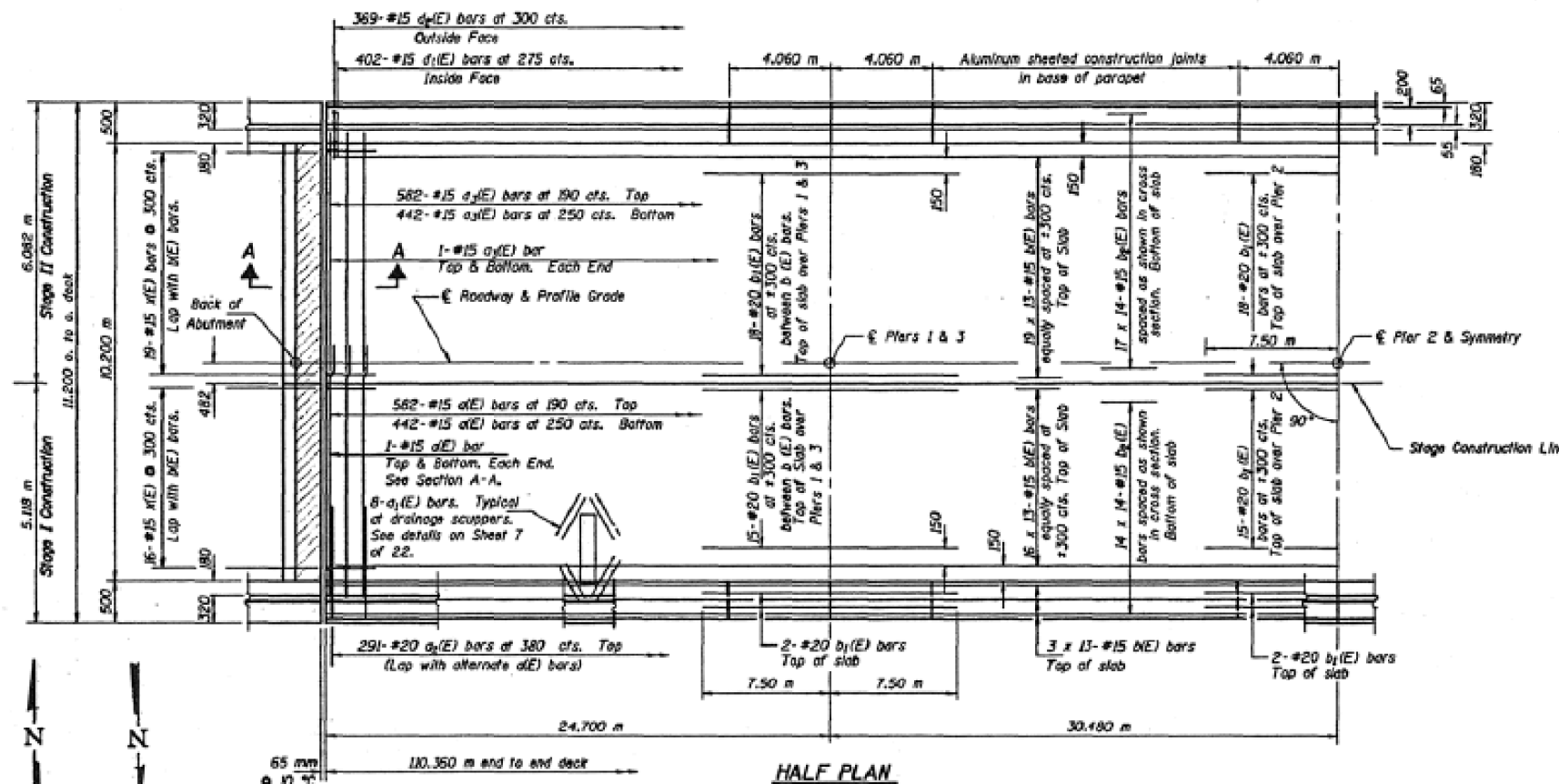
DESIGNED	J.J.V.
CHECKED	J.K.K.
DRAWN	M.A.G.
CHECKED	J.K.K.

Revised 6/25/98 JLD

GENERAL PLAN AND ELEVATION
F.A.I. RTE. 74 OVER MIDDLE FORK VERMILION RIVER
SECTION 92-10BR
VERMILION COUNTY
STATION 19+682.500
STR. NO. 092-0003 (E.B.)
STR. NO. 092-0004 (W.B.)

SIX WEST CAPITAL SPRINGFIELD, IL 62704 (202) 528-2958
Oxyart and Stone Inc. CONSULTING ENGINEERS
FILE NO. 94-14.2
DATE: 2-23-96

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	92-10BR	VERMILION	36	19
ROAD DIST.		ILLINOIS	Sheet 6 of 22	



MIN. BAR LAPS

#15	500
#20	640

Notes: See Sheet 7 of 22 for superstructure details and Bill of Material.
 Reinforcement bars designated (E) shall be epoxy coated.
 Bars indicated thus 20 x 3-#15 etc. indicates 20 lines of bars with 3 lengths per line.
 See Sheet 7 of 22 for parapet reinforcement.
 All dimensions are in millimeters (mm) except as noted.
 See sheet 3 of 22 for Stage Removal and Construction Sequence.

Work this sheet with sheet 7 of 22.

SUPERSTRUCTURE
 F.A.I. RTE. 74 OVER MIDDLE FORK VERMILION RIVER
 SECTION 92-10BR
 VERMILION COUNTY
 STATION 49+682.500
 STR. NO. 092-0003 (E.B.)
 STR. NO. 092-0004 (W.B.)

511 WEST CAPITOL SPRINGFIELD, IL 62104 (217) 528-2558
Oxyart and Stone, Inc.
 CONSULTING ENGINEERS
 JOB # 94-44.2
 FILE: SUPERT
 DATE: 8-12-95

DESIGNED	J.J.V.
CHECKED	J.K.K.
DRAWN	M.P.S.
CHECKED	J.K.K.

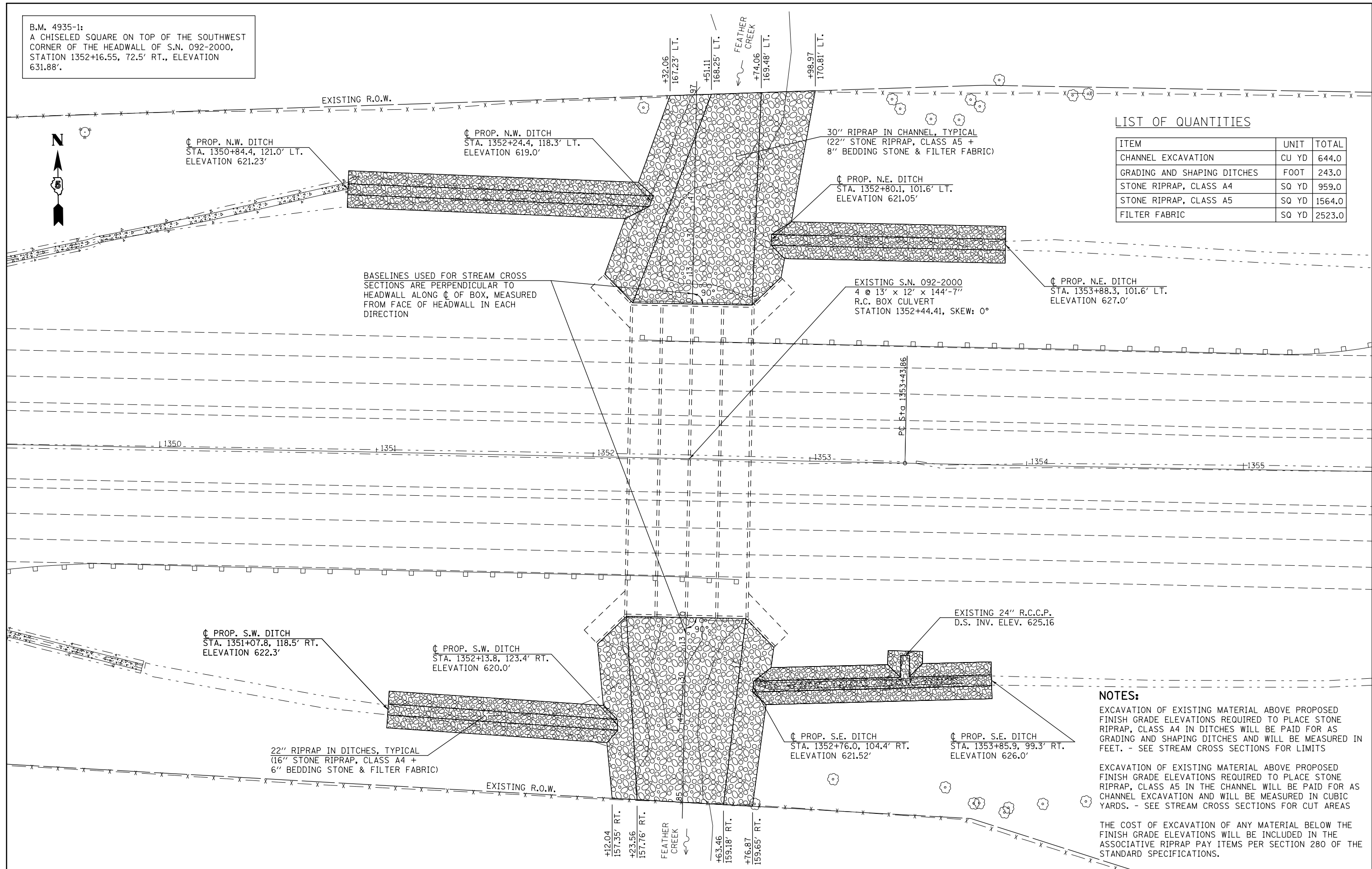
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PLOT SCALE = 48.0001 1/ in.		CHECKED -	REVISED -			CONTRACT NO. 70788					
PLOT DATE = 12/18/2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

B.M. 4935-1:
A CHISELED SQUARE ON TOP OF THE SOUTHWEST
CORNER OF THE HEADWALL OF S.N. 092-2000,
STATION 1352+16.55, 72.5' RT., ELEVATION
631.88'.

LIST OF QUANTITIES

ITEM	UNIT	TOTAL
CHANNEL EXCAVATION	CU YD	644.0
GRADING AND SHAPING DITCHES	FOOT	243.0
STONE RIPRAP, CLASS A4	SQ YD	959.0
STONE RIPRAP, CLASS A5	SQ YD	1564.0
FILTER FABRIC	SQ YD	2523.0



BASELINES USED FOR STREAM CROSS
SECTIONS ARE PERPENDICULAR TO
HEADWALL ALONG C OF BOX, MEASURED
FROM FACE OF HEADWALL IN EACH
DIRECTION

NOTES:
EXCAVATION OF EXISTING MATERIAL ABOVE PROPOSED FINISH GRADE ELEVATIONS REQUIRED TO PLACE STONE RIPRAP, CLASS A4 IN DITCHES WILL BE PAID FOR AS GRADING AND SHAPING DITCHES AND WILL BE MEASURED IN FEET. - SEE STREAM CROSS SECTIONS FOR LIMITS
EXCAVATION OF EXISTING MATERIAL ABOVE PROPOSED FINISH GRADE ELEVATIONS REQUIRED TO PLACE STONE RIPRAP, CLASS A5 IN THE CHANNEL WILL BE PAID FOR AS CHANNEL EXCAVATION AND WILL BE MEASURED IN CUBIC YARDS. - SEE STREAM CROSS SECTIONS FOR CUT AREAS
THE COST OF EXCAVATION OF ANY MATERIAL BELOW THE FINISH GRADE ELEVATIONS WILL BE INCLUDED IN THE ASSOCIATIVE RIPRAP PAY ITEMS PER SECTION 280 OF THE STANDARD SPECIFICATIONS.

FILE NAME =	USER NAME = jaymedf	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN S.N. 092-2000	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 12/18/2014	DATE = 03-28-2012	CHECKED -	REVISED -			10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		ILLINOIS FED. AID PROJECT
		DATE -	REVISED -			SCALE:	SHEET 1 OF 7 SHEETS	STA.	TO STA.	

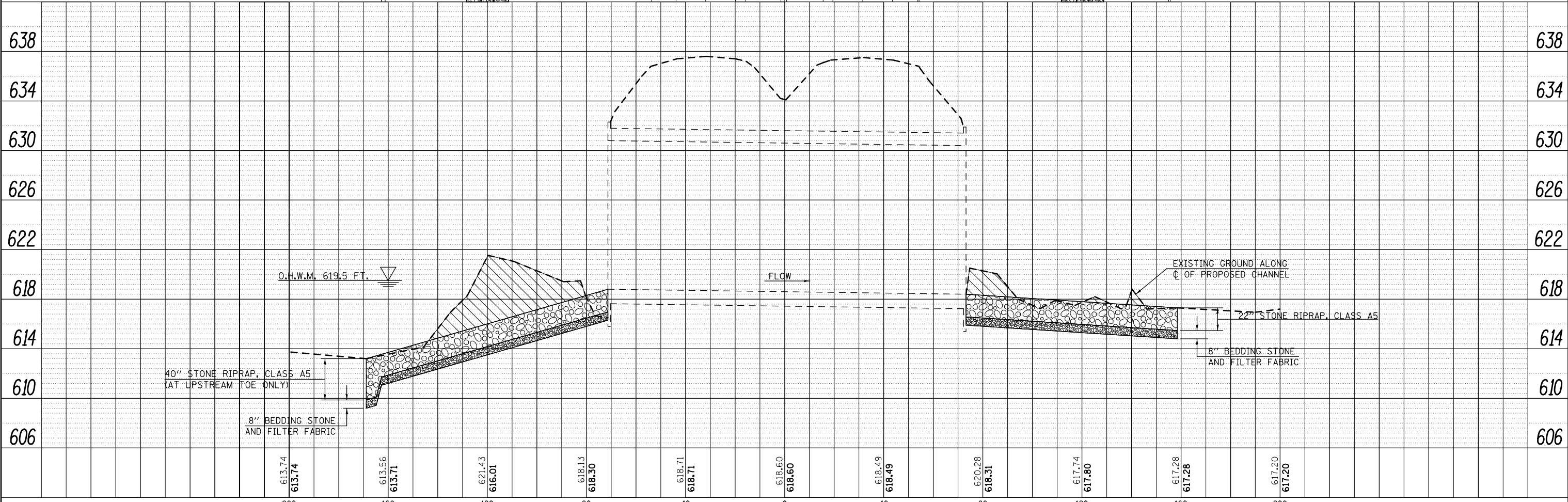
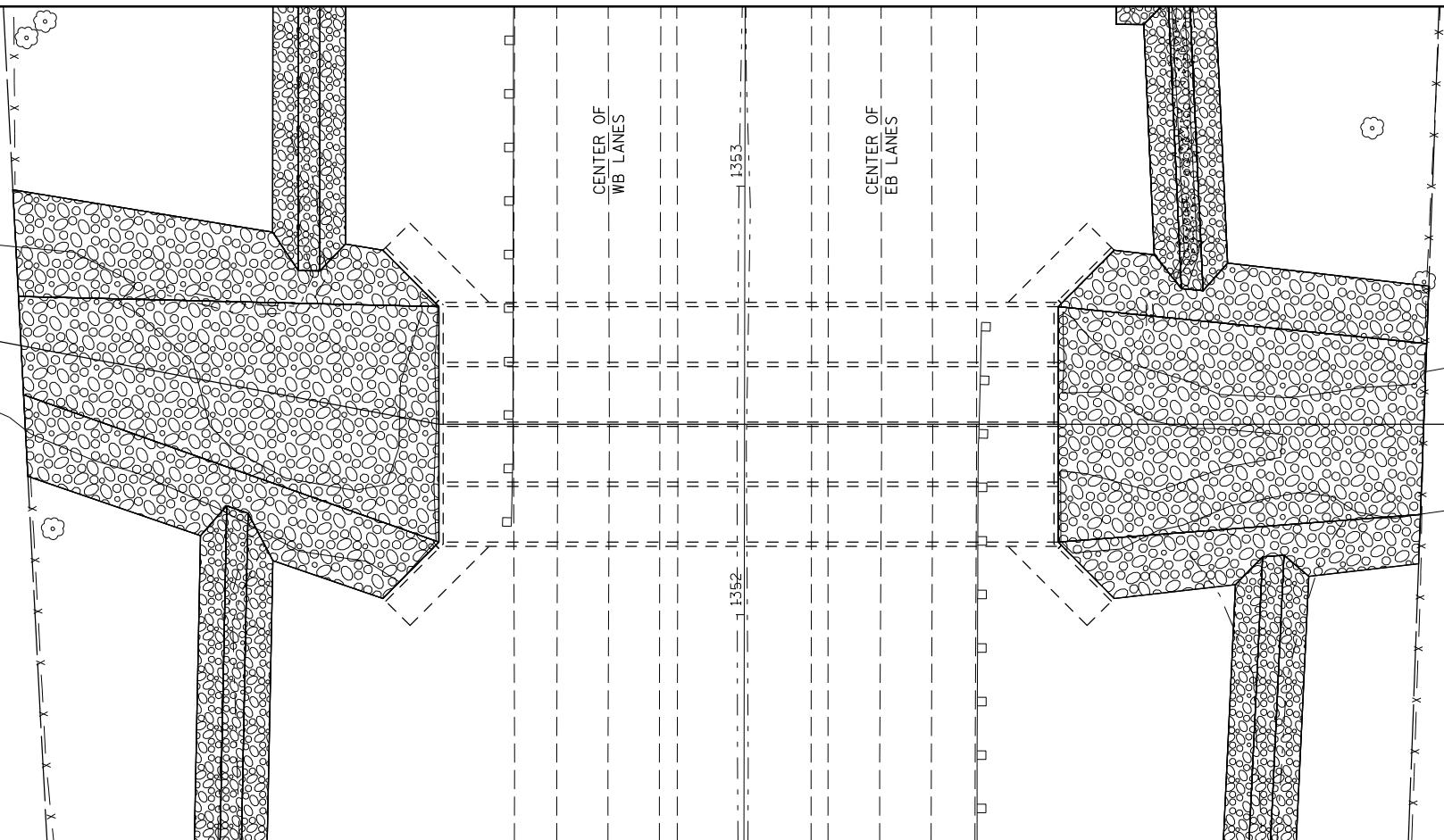
B.M. 4935-1:
 A CHISELED SQUARE ON TOP OF THE SOUTHWEST
 CORNER OF THE HEADWALL OF S.N. 092-2000,
 STATION 1352+16.55, 72.5' RT., ELEVATION
 631.88'.



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.		

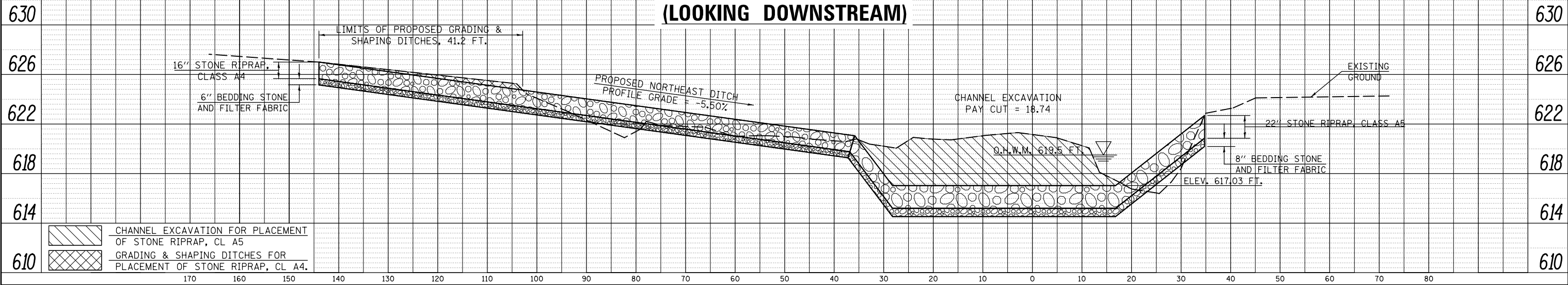
STREAM PROFILE TAKEN ALONG
 CENTER OF PROPOSED CHANNEL



FILE NAME =	USER NAME = jaymedf	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STREAM PROFILE S.N. 092-2000		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 12/18/2014	DATE - 4-16-12	REVISED -		ILLINOIS FED. AID PROJECT						

CROSS SECTION AT NE DITCH LINE – 30 FT. FROM U.S. HEADWALL

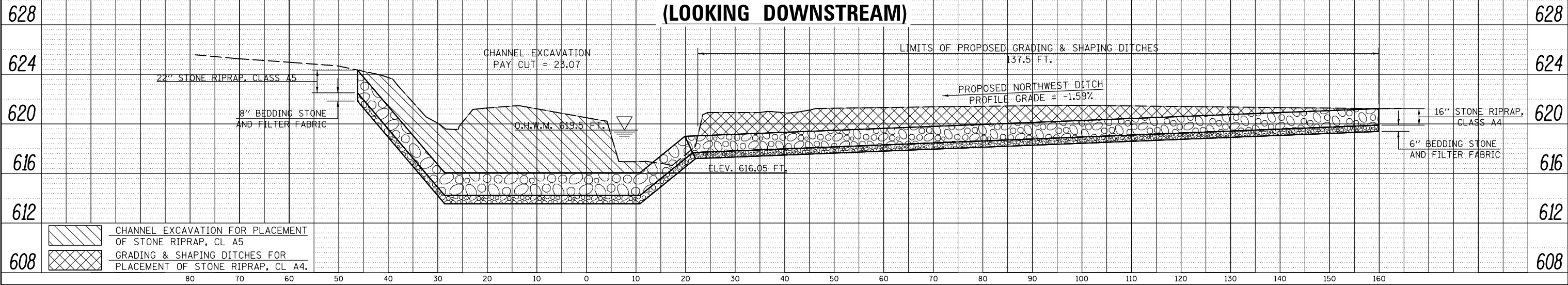
(LOOKING DOWNSTREAM)



CHANNEL EXCAVATION FOR PLACEMENT OF STONE RIPRAP, CL A5
 GRADING & SHAPING DITCHES FOR PLACEMENT OF STONE RIPRAP, CL A4.

CROSS SECTION AT NW DITCH LINE – 47 FT. FROM U.S. HEADWALL

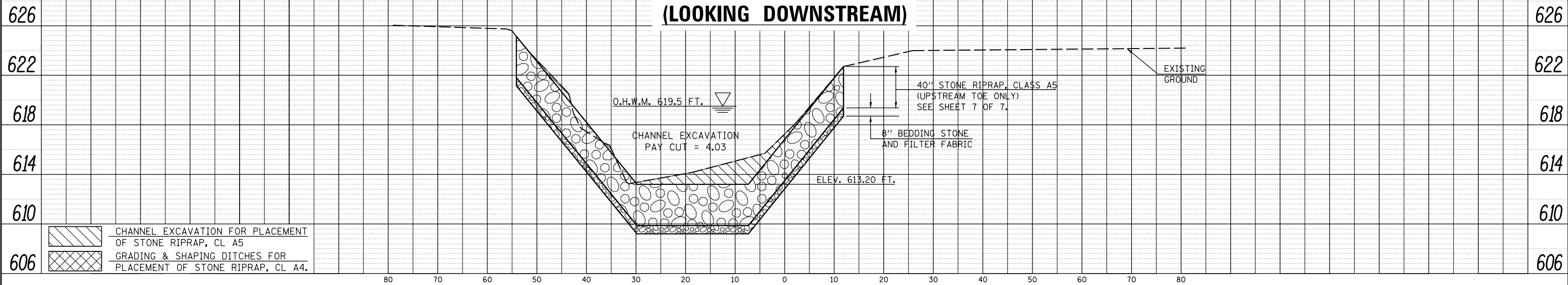
(LOOKING DOWNSTREAM)



CHANNEL EXCAVATION FOR PLACEMENT OF STONE RIPRAP, CL A5
 GRADING & SHAPING DITCHES FOR PLACEMENT OF STONE RIPRAP, CL A4.

CROSS SECTION AT UPSTREAM R.O.W. LINE – 97 FT. FROM U.S. HEADWALL

(LOOKING DOWNSTREAM)



CHANNEL EXCAVATION FOR PLACEMENT OF STONE RIPRAP, CL A5
 GRADING & SHAPING DITCHES FOR PLACEMENT OF STONE RIPRAP, CL A4.

PROFILE NO. _____
 SUBMITTED BY _____ DATE _____
 PLOTTED BY _____
 GRADES CHECKED _____
 STRUCTURE NOTATIONS CHECKED _____

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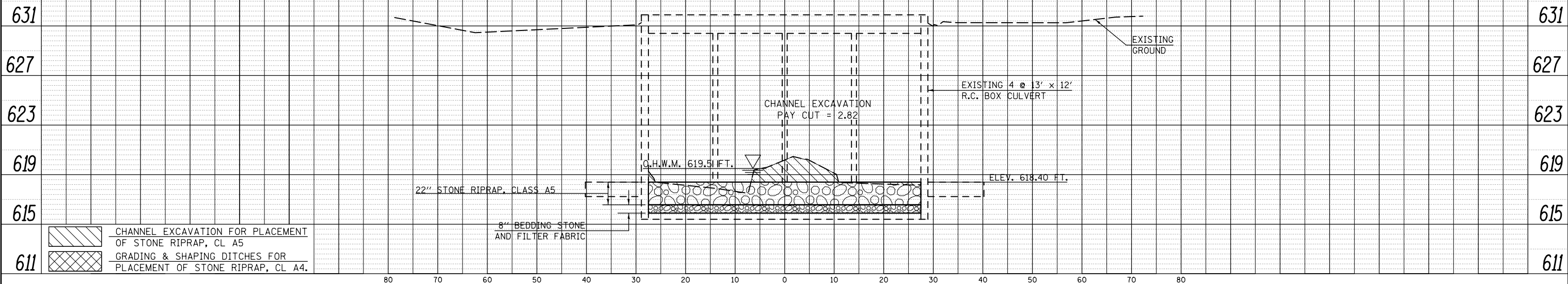
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**STREAM CROSS SECTIONS
S.N. 092-2000**

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

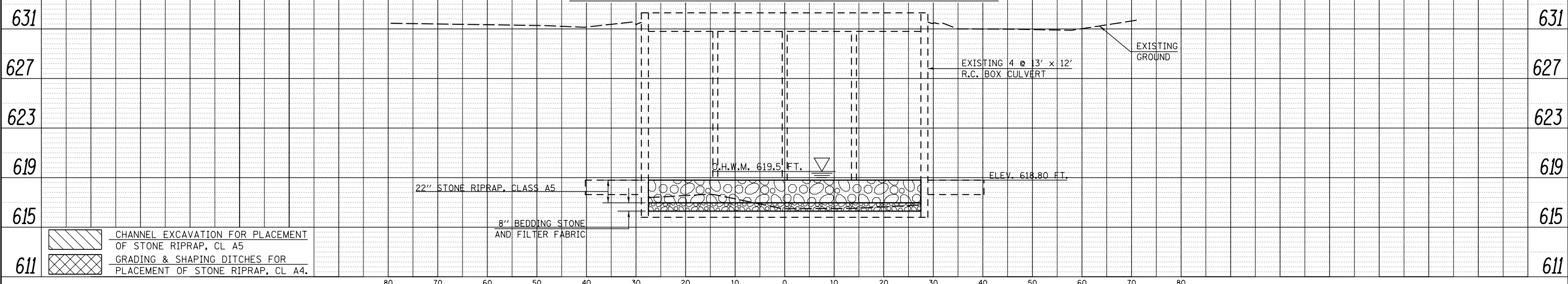
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	080
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



CROSS SECTION AT DOWNSTREAM HEADWALL



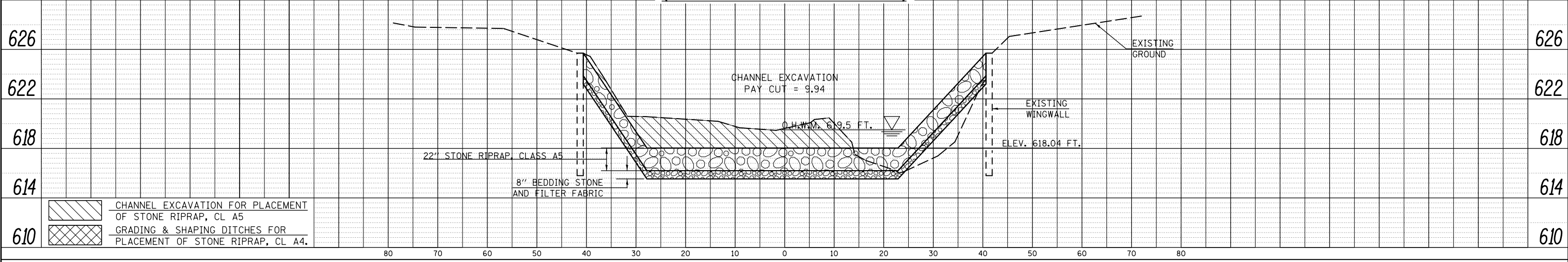
 CHANNEL EXCAVATION FOR PLACEMENT OF STONE RIPRAP, CL A5
 GRADING & SHAPING DITCHES FOR PLACEMENT OF STONE RIPRAP, CL A4.



CROSS SECTION AT UPSTREAM HEADWALL



 CHANNEL EXCAVATION FOR PLACEMENT OF STONE RIPRAP, CL A5
 GRADING & SHAPING DITCHES FOR PLACEMENT OF STONE RIPRAP, CL A4.

CROSS SECTION AT END OF WINGWALLS - 13 FT. FROM U.S. HEADWALL (LOOKING DOWNSTREAM)



 CHANNEL EXCAVATION FOR PLACEMENT OF STONE RIPRAP, CL A5
 GRADING & SHAPING DITCHES FOR PLACEMENT OF STONE RIPRAP, CL A4.

PROFILE SUBMITTED
 PLOTTED
 GRADES CHECKED
 STRUCTURE NOTATIONS CHECKED
 NO. _____
 BY _____
 DATE _____

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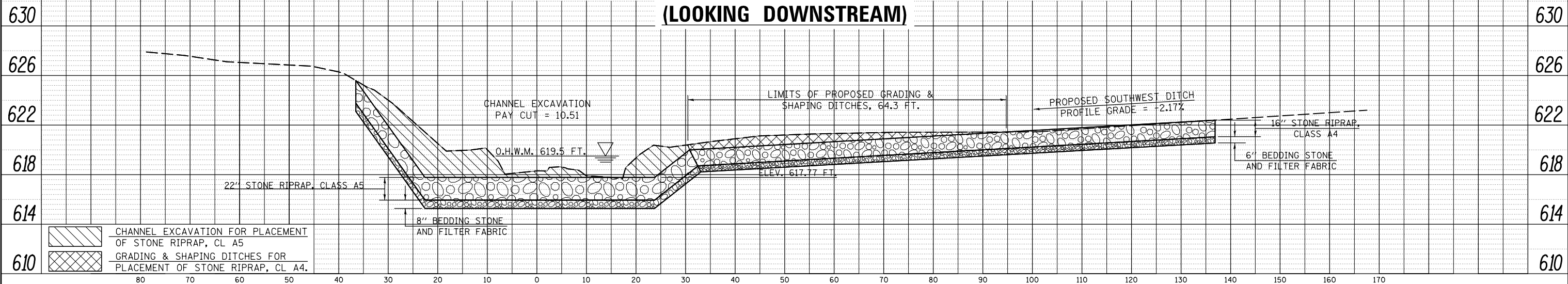
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREAM CROSS SECTIONS
S.N. 092-2000

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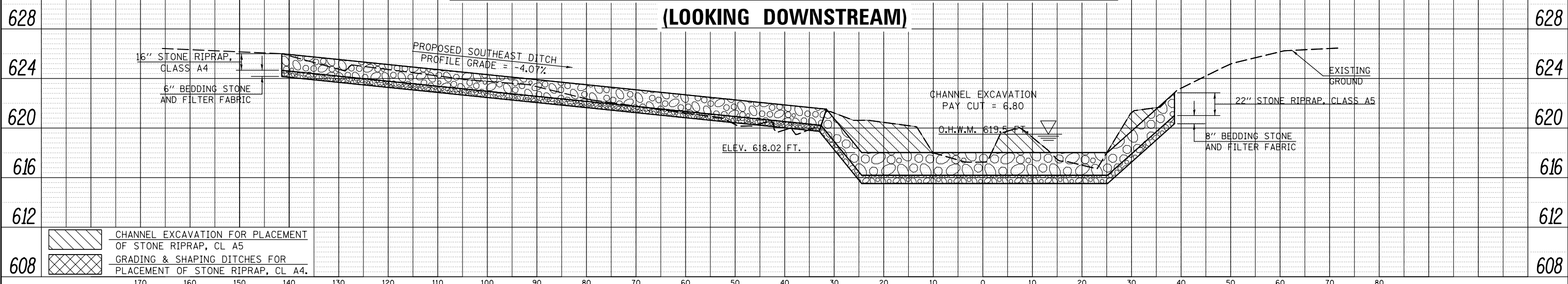
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• 10(92-8,9)RS-2,(92-10)RS-3			CONTRACT NO. 70788	
ILLINOIS FED. AID PROJECT				

**CROSS SECTION AT SW DITCH LINE – 49 FT. FROM D.S. HEADWALL
(LOOKING DOWNSTREAM)**



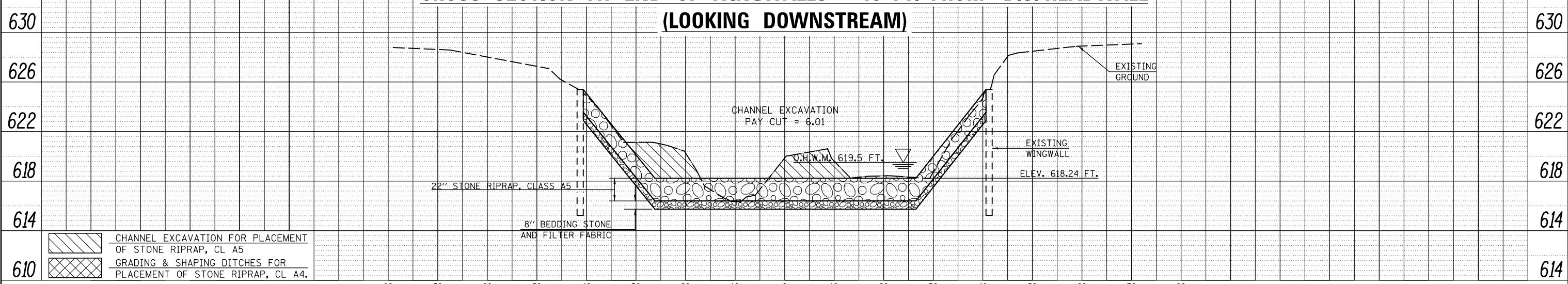
CHANNEL EXCAVATION FOR PLACEMENT OF STONE RIPRAP, CL A5
 GRADING & SHAPING DITCHES FOR PLACEMENT OF STONE RIPRAP, CL A4.

**CROSS SECTION AT SE DITCH LINE – 30 FT. FROM D.S. HEADWALL
(LOOKING DOWNSTREAM)**



CHANNEL EXCAVATION FOR PLACEMENT OF STONE RIPRAP, CL A5
 GRADING & SHAPING DITCHES FOR PLACEMENT OF STONE RIPRAP, CL A4.

**CROSS SECTION AT END OF WINGWALLS – 13 FT. FROM D.S. HEADWALL
(LOOKING DOWNSTREAM)**



CHANNEL EXCAVATION FOR PLACEMENT OF STONE RIPRAP, CL A5
 GRADING & SHAPING DITCHES FOR PLACEMENT OF STONE RIPRAP, CL A4.

PROFILE NO. _____
 SUBMITTED BY _____
 PLOTTED BY _____
 GRADES CHECKED _____
 STRUCTURE NOTATIONS CHKD _____
 DATE _____

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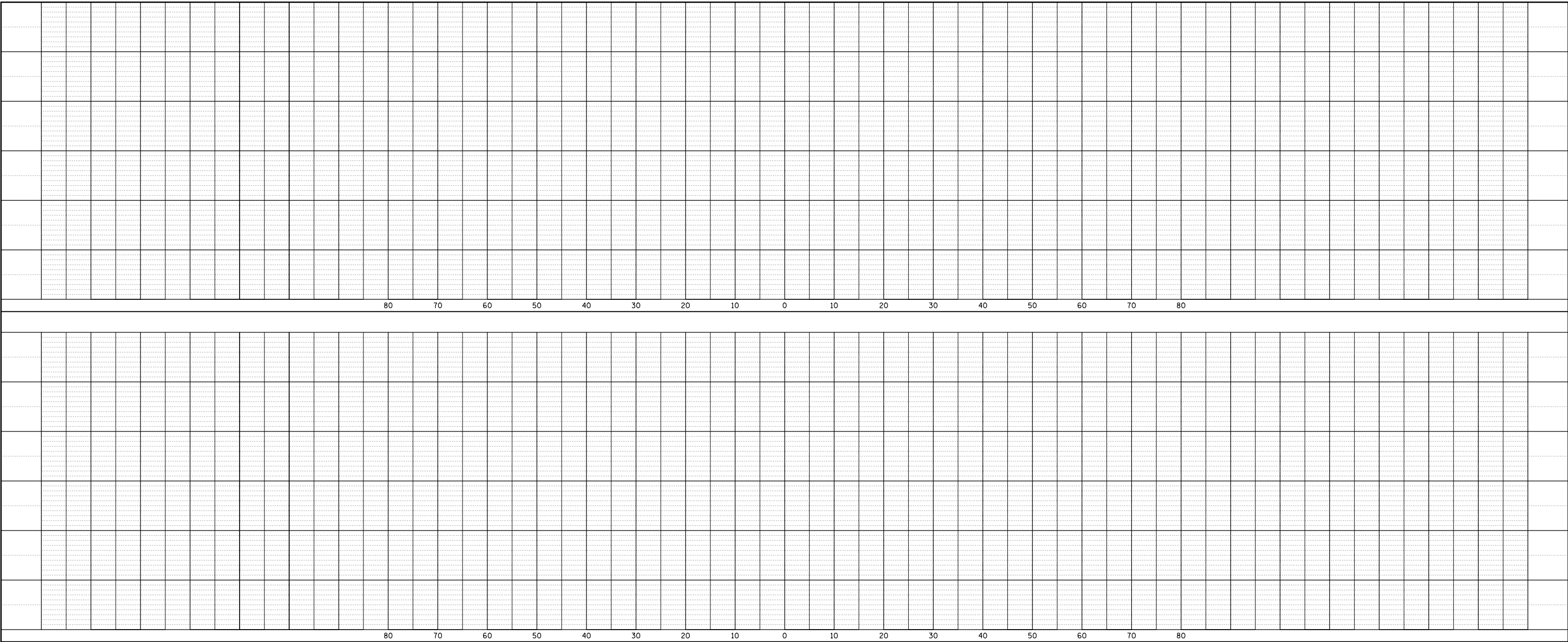
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STREAM CROSS SECTIONS
S.N. 092-2000**

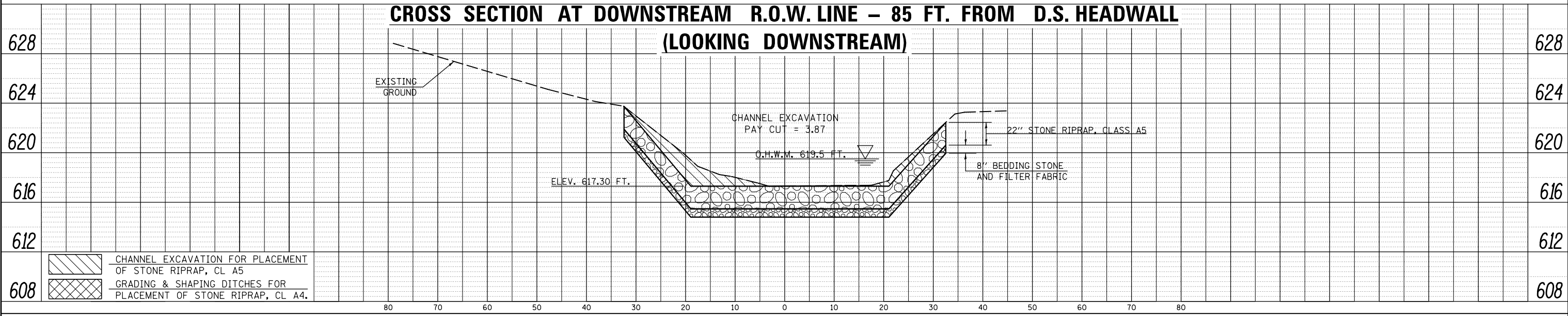
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74	•	VERMILION	106	082
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		ILLINOIS FED. AID PROJECT

PROFILE	REVISIONS	DATE
NO.	NO.	
NOTE BOOK	GRADES CHECKED	
STRUCTURE	NOTATIONS CHK'D	
BY		



**CROSS SECTION AT DOWNSTREAM R.O.W. LINE - 85 FT. FROM D.S. HEADWALL
(LOOKING DOWNSTREAM)**



	CHANNEL EXCAVATION FOR PLACEMENT OF STONE RIPRAP, CL A5
	GRADING & SHAPING DITCHES FOR PLACEMENT OF STONE RIPRAP, CL A4.

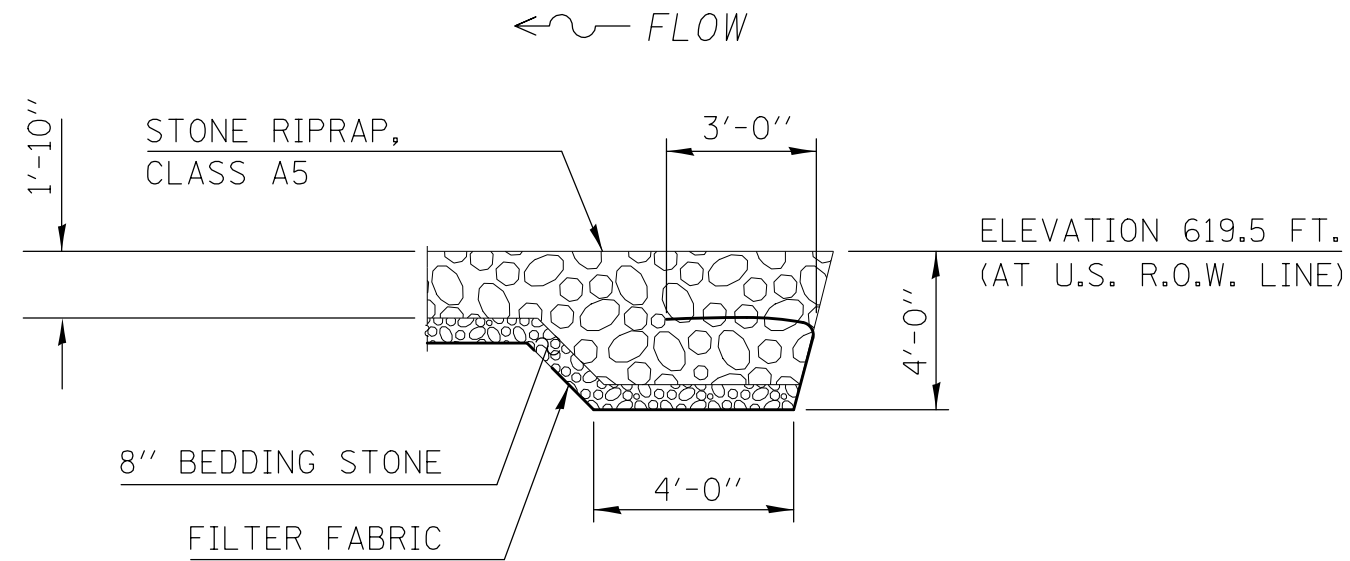
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

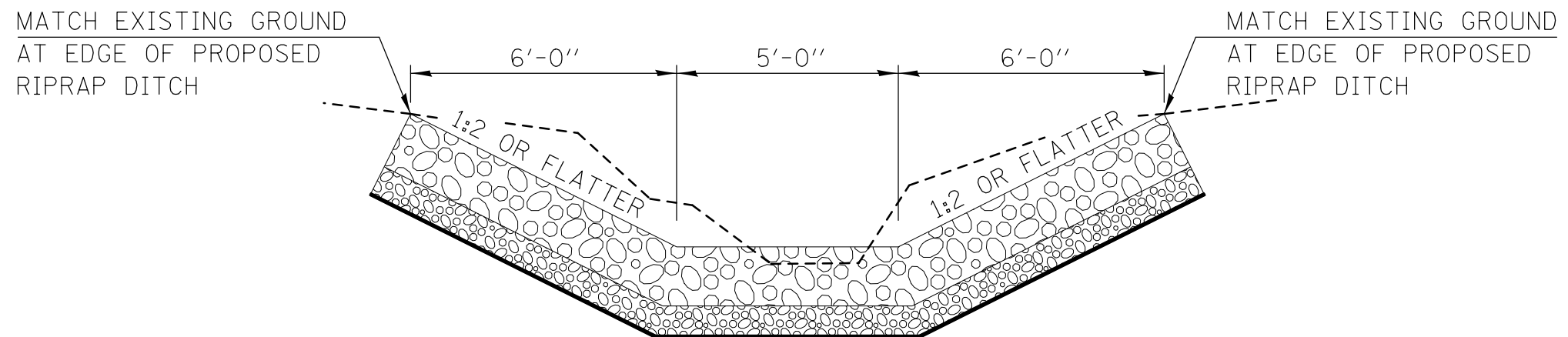
STREAM CROSS SECTIONS	
S.N. 092-2000	
SCALE:	SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	083
• 10(92-8,9)RS-2,(92-10)RS-3			CONTRACT NO. 70788	
ILLINOIS FED. AID PROJECT				

DETAIL FOR UPSTREAM TOE OF RIPRAP

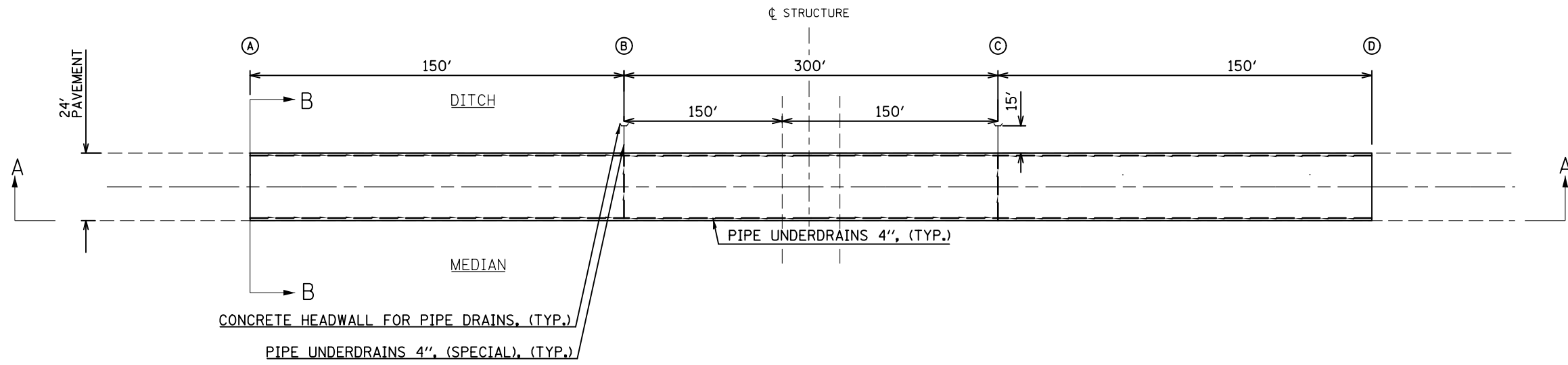


TYPICAL CROSS SECTION OF PROPOSED RIPRAP DITCH

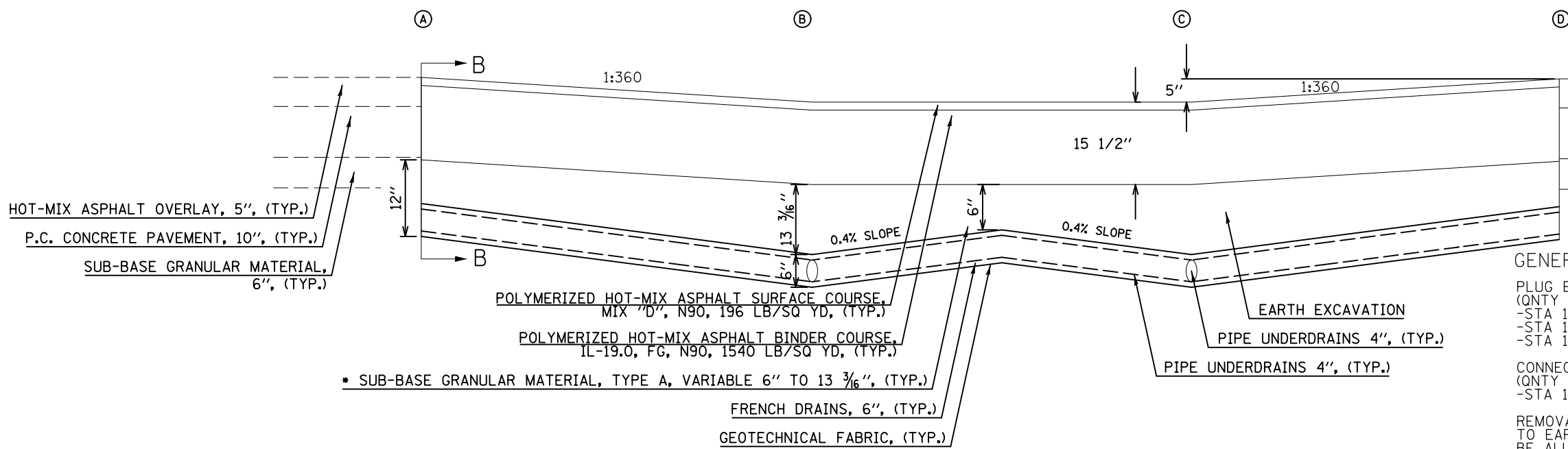


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et:\pwork\pwork\jaymedf\d0328444\0570788-Hyd-Design.dgn		DRAWN - GMS	REVISED -		74		VERMILION	106	084			
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	PLOT DATE = 12/18/2014	DATE - 4-16-12	REVISED -		SCALE:	SHEET NO. 7 OF 7 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

DETAIL OF RESURFACING UNDERNEATH SN 092-0115 & SN 092-0152



SECTION A-A



GENERAL NOTES

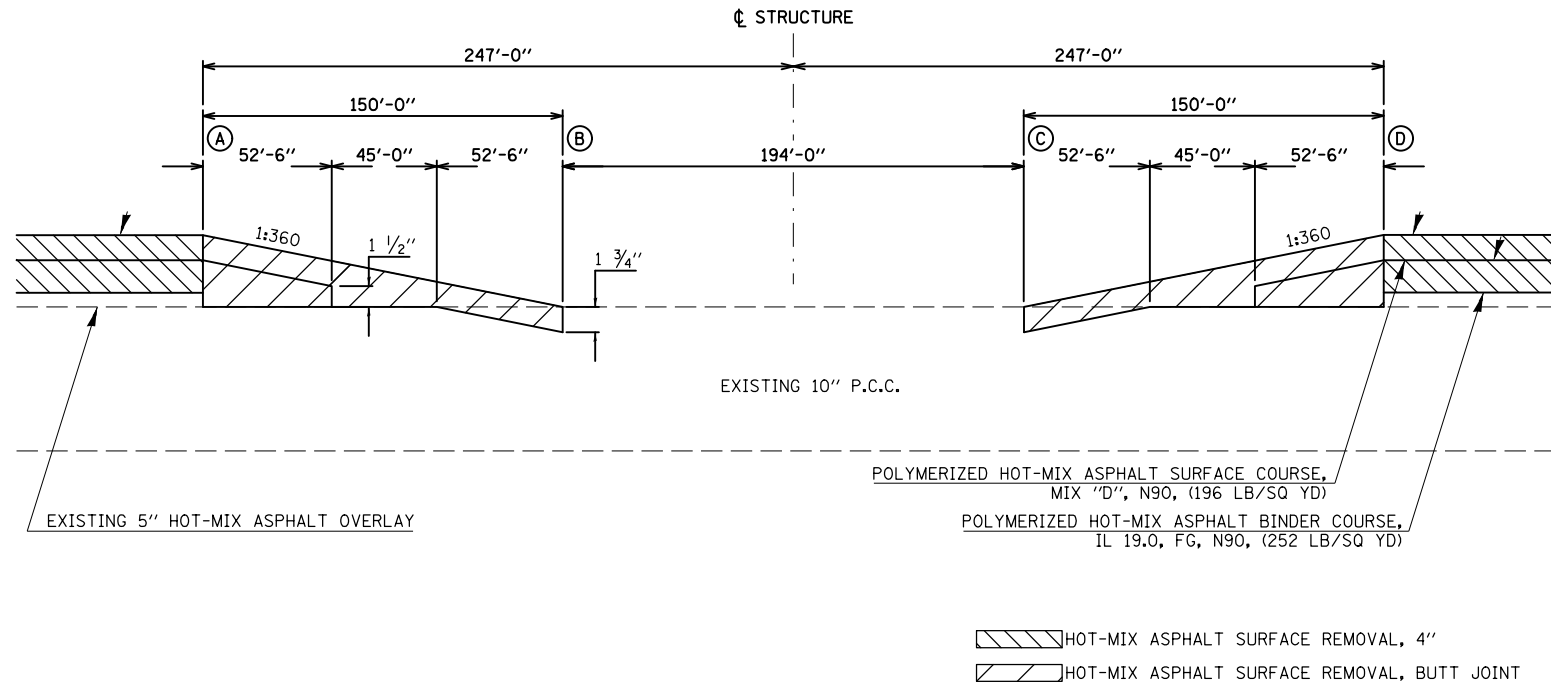
- PLUG EXISTING PIPE UNDERDRAINS (QNTY 4 AT EACH LOCATION)
 - STA 1244+21.60
 - STA 1317+69.30
 - STA 1323+69.30
- CONNECTION OF EXISTING PIPE UNDERDRAIN (QNTY 4 AT EACH LOCATION)
 - STA 1238+21.60
- REMOVAL OF EXISTING PIPE UNDERDRAINS SHALL BE INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED
- *SUBBASE DEPTH WILL VARY BASED ON CROSS SECTION. SEE SECTION B-B.
- EXISTING VERTICAL CLEARANCE SHALL NOT BE REDUCED.

S.N.	A	B	C	D
092-0152	1238+21.60	1239+71.60	1242+71.60	1244+21.60
092-0115	1317+69.30	1319+19.30	1322+19.30	1323+69.30

DETAIL OF RESURFACING OMISSION UNDER STRUCTURES

DRIVING LANES

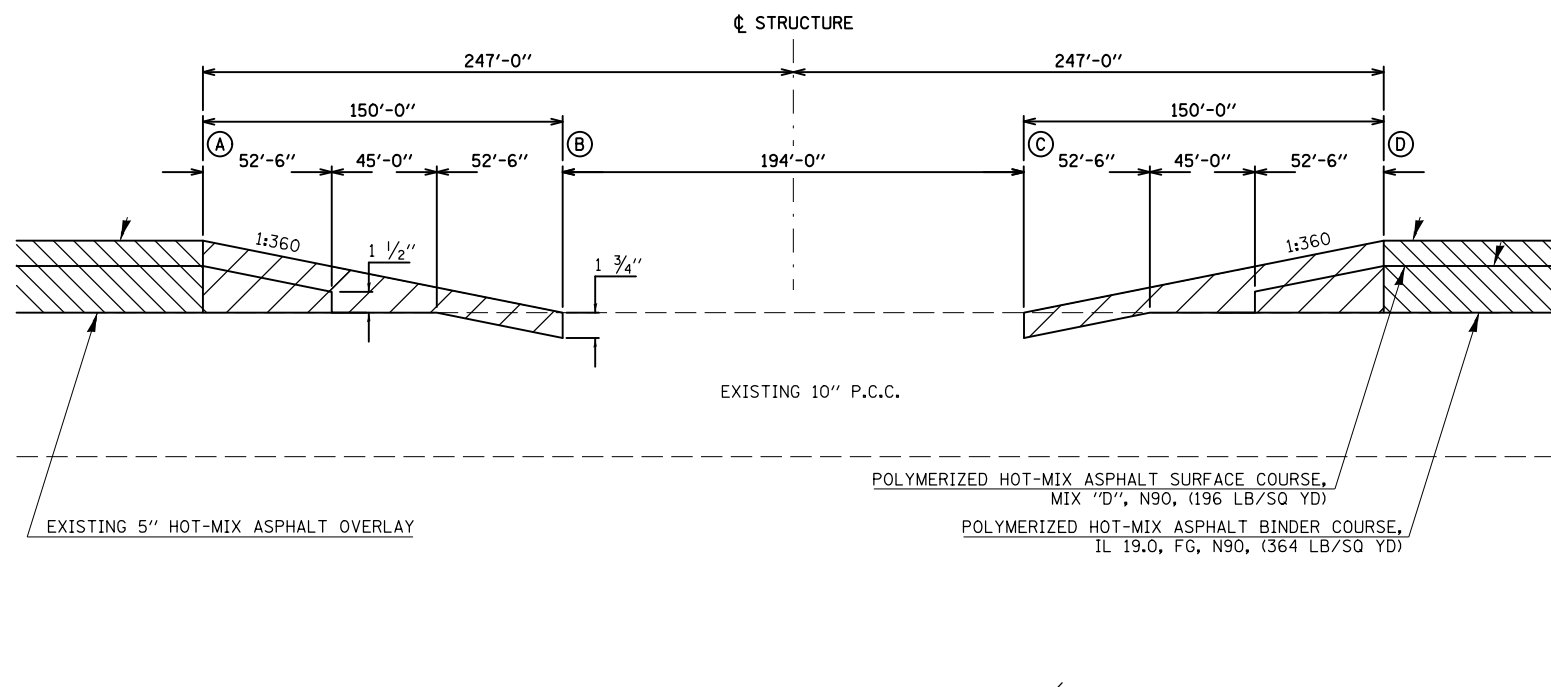
SN 092-0148



DETAIL OF RESURFACING OMISSION UNDER STRUCTURES

PASSING LANES

SN 092-0148



S.N.	A	B	C	D
092-0148	1411+17.00	1412+67.00	1414+61.00	1416+11.00

HOT-MIX ASPHALT SURFACE REMOVAL, 5"

HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -
ct:\pw\work\p\dot\jaymedf\d0328444\0570788-sht-Details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/18/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RESURFACING OMISSION
UNDER STRUCTURE DETAIL**

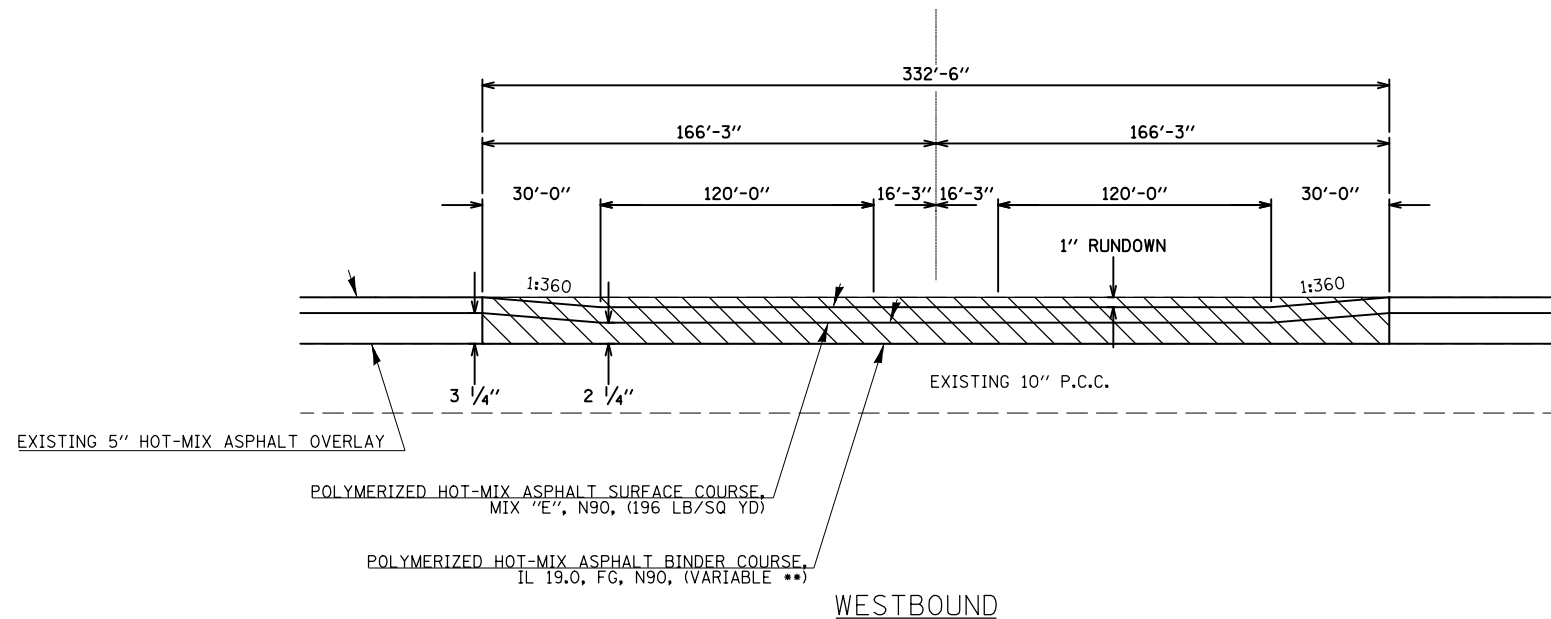
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	087
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO.	70788	
ILLINOIS FED. AID PROJECT				

DETAIL OF RESURFACING UNDERNEATH SN 092-0125

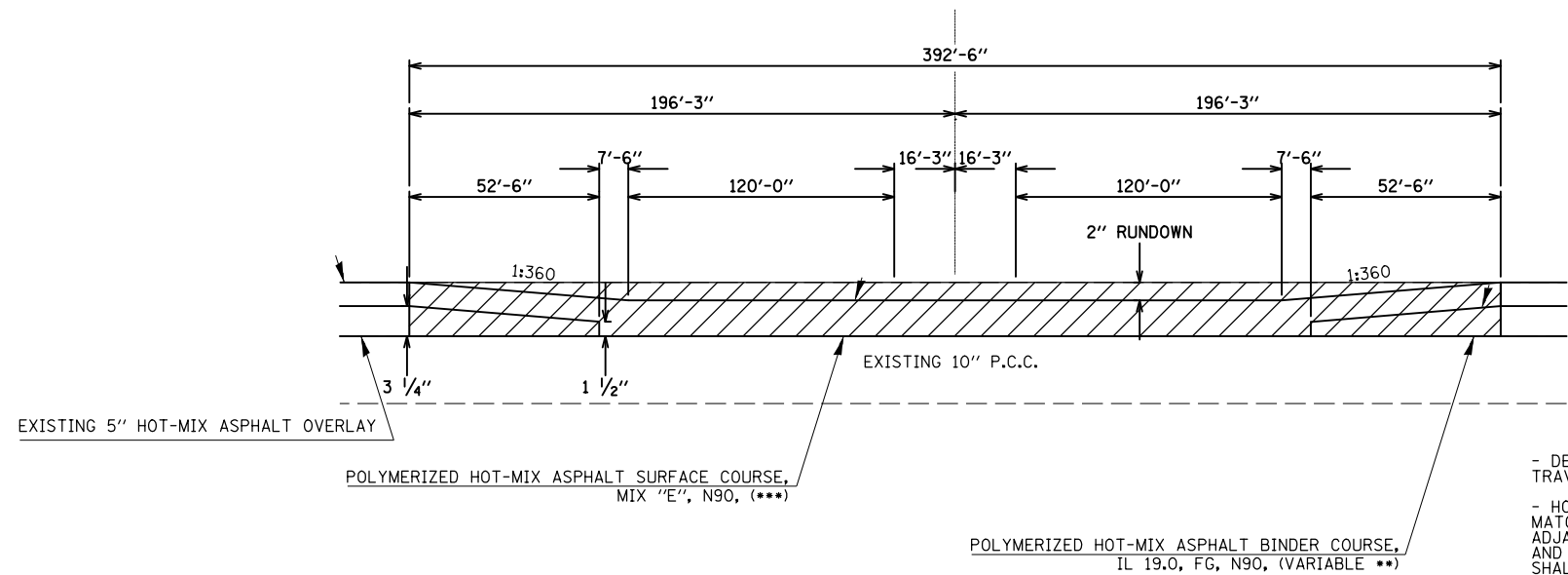
EASTBOUND

CL SN 092-0125
STA 1574+12.43 TO STA 1577+44.93



WESTBOUND

CL SN 092-0125
STA 1573+82.43 TO STA 1577+74.93



GENERAL NOTES

- DESIGN INTENT IS TO PROVIDE A MINIMUM VERTICAL CLEARANCE OF 16'-0" OVER THE TRAVELLED WAY AND HMA SHOULDERS.

- HOT-MIX ASPHALT SHOULDERS SHALL BE USED TO PAVE THE SHOULDERS TO A HEIGHT MATCHING THE APPLICABLE DETAIL, WITH A SHOULDER CROSS SLOPE MATCHING THOSE OF ADJACENT SECTIONS. AGGREGATE SHOULDERS AND DITCHES SHALL BE EXCAVATED, GRADED, AND SHAPED TO MEET THE PAVED SHOULDER AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS HMA PAY ITEMS IN THIS DETAIL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

HOT-MIX ASPHALT SURFACE REMOVAL, 5"

* LENGTH IS 16'-3" FROM CENTERLINE OF S.N. 092-0125 TO FACE OF STRUCTURE

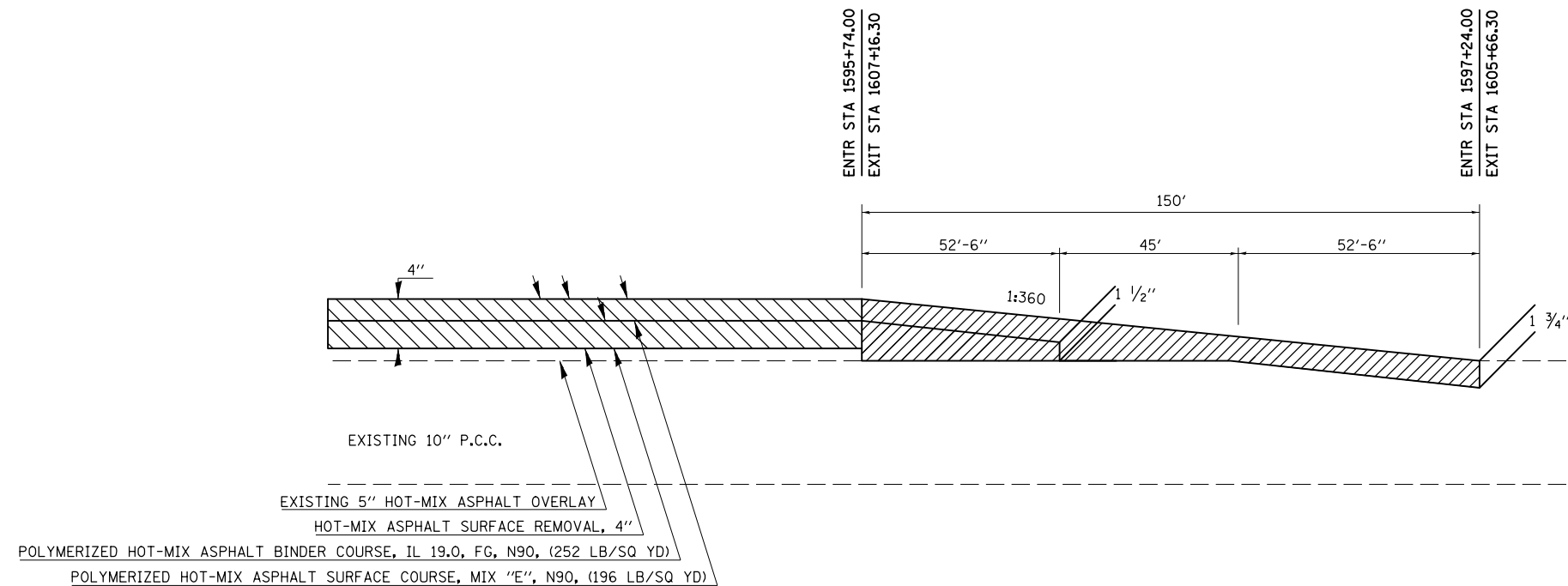
** EB - 252 LB/SQ YD TO 364 LB/SQ YD
WB - 308 LB/SQ YD TO 532 LB/SQ YD

*** WB - 196 LB/SQ YD TO 336 LB/SQ YD

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF RESURFACING UNDERNEATH SN 092-0125	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\pwork\jaymedf\d0328444\0570788-sht-Details.dgn		DRAWN -	REVISED -			74	*	VERMILION	106	088	
\$MODELNAME\$		CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 70788			
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

BUTT JOINT DETAIL OF SALT KETTLE REST AREA RAMPS

LT. 1595 + 74.00 TO LT. 1597 + 24.00 (ENTRANCE RAMP)
 LT. 1605 + 66.30 TO LT. 1607 + 16.30 (EXIT RAMP)

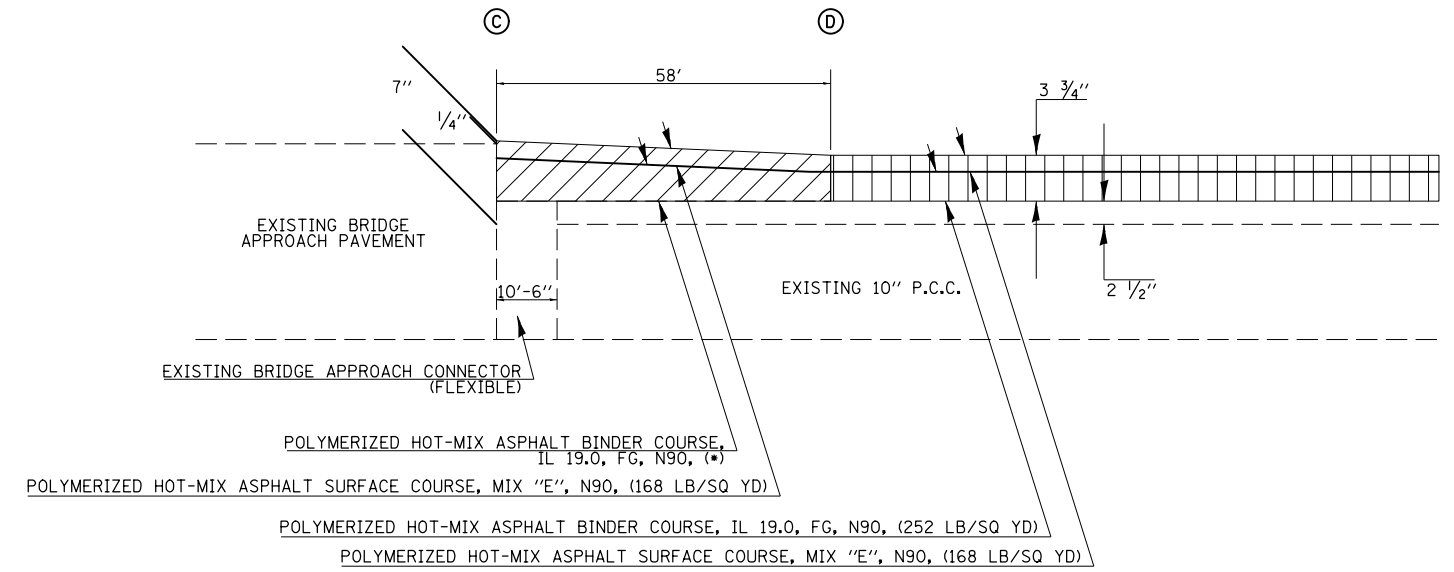
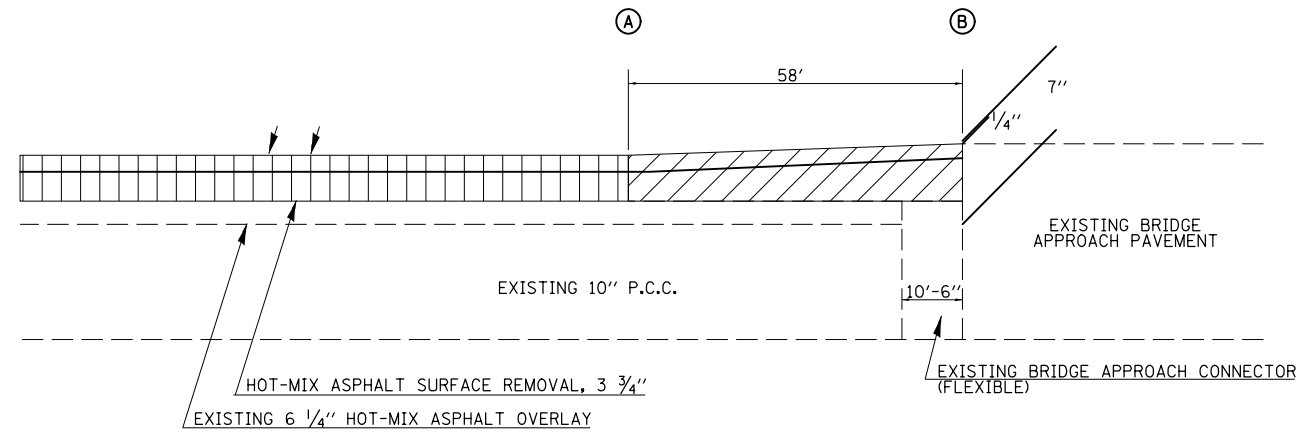


HOT-MIX ASPHALT SURFACE REMOVAL, 4"
 HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT

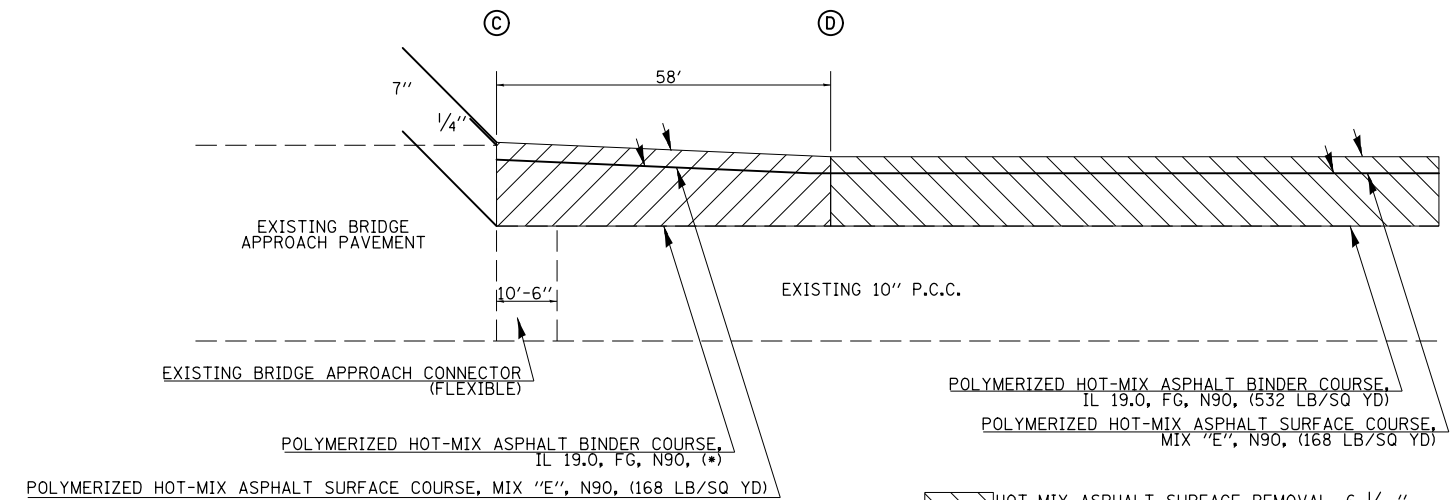
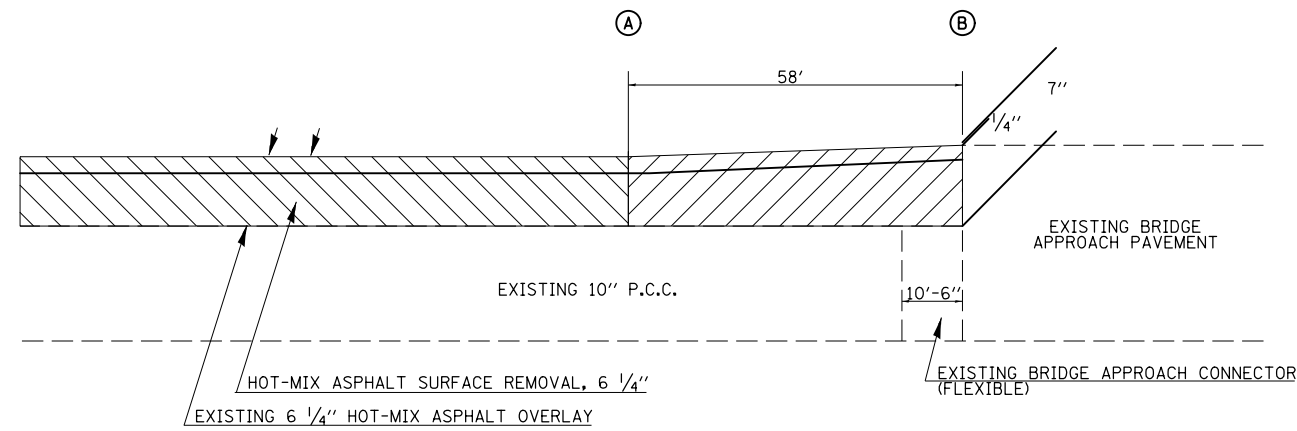
FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAIL OF SALT KETTLE REST AREA RAMPS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\jaymedf\d0328444\0570788-sht-Details.dgn		DRAWN -	REVISED -		74		VERMILION	106	089				
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		• 10(92-8,9)RS-2,(92-10)RS-3				CONTRACT NO. 70788				
\$MODELNAME\$	PLOT DATE = 12/18/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

BUTT JOINT DETAIL FOR SN 092-0003 & SN 092-0004

DRIVING LANE



PASSING LANE



- ▨ HOT-MIX ASPHALT SURFACE REMOVAL, 6 1/4"
- ▧ HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- ▩ HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"

- DL - 252 LB/SQ YD TO 336 LB/SQ YD
- PL - 532 LB/SQ YD TO 616 LB/SQ YD

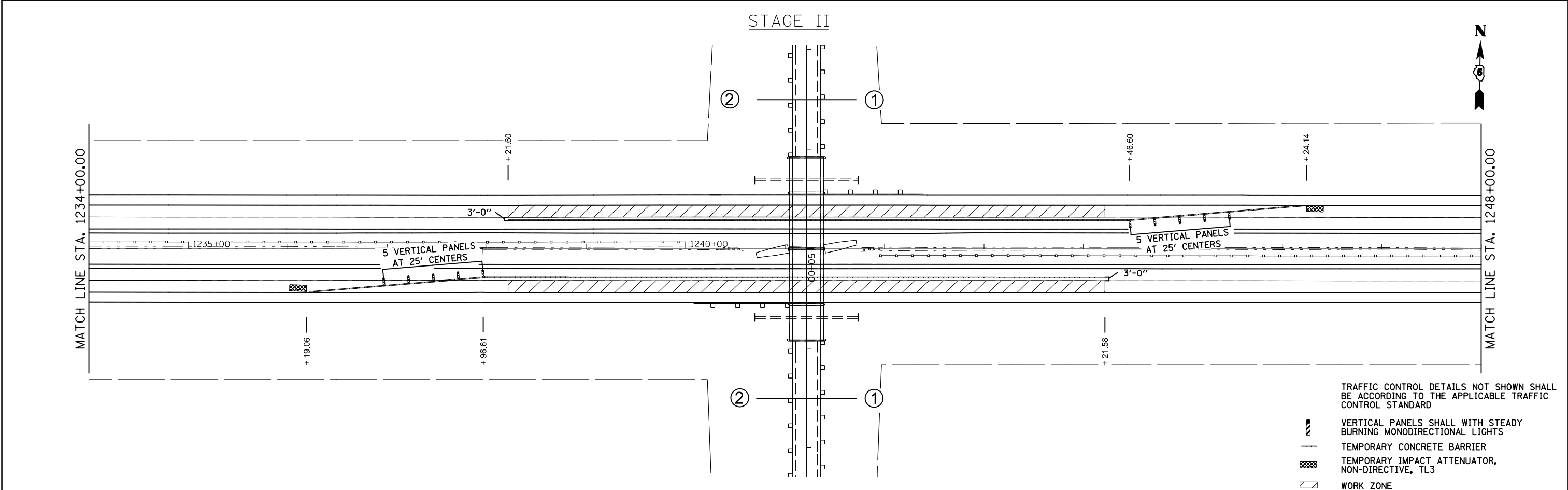
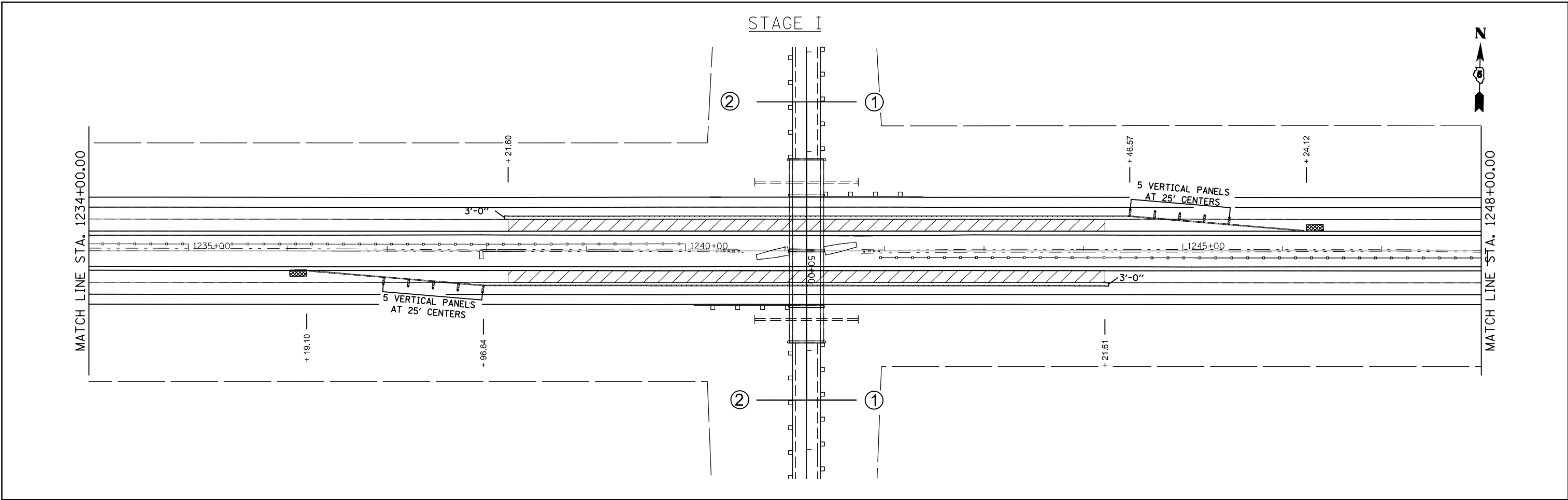
S.N.	A	B	C	D
092-0003	1627+29.75	1627+87.75	1632+12.25	1632+70.25
092-0004	1627+29.75	1627+87.75	1632+12.25	1632+70.25

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -
ct:\pw\work\p1dot\jaymedf\d0328444\0570788-sht-Details.dgn		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT DETAIL				
SN 092-0003 & SN 092-0004				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	090
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



- TRAFFIC CONTROL DETAILS NOT SHOWN SHALL BE ACCORDING TO THE APPLICABLE TRAFFIC CONTROL STANDARD
- VERTICAL PANELS SHALL WITH STEADY BURNING MONODIRECTIONAL LIGHTS
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR, NON-DIRECTIVE, TL3
 - WORK ZONE

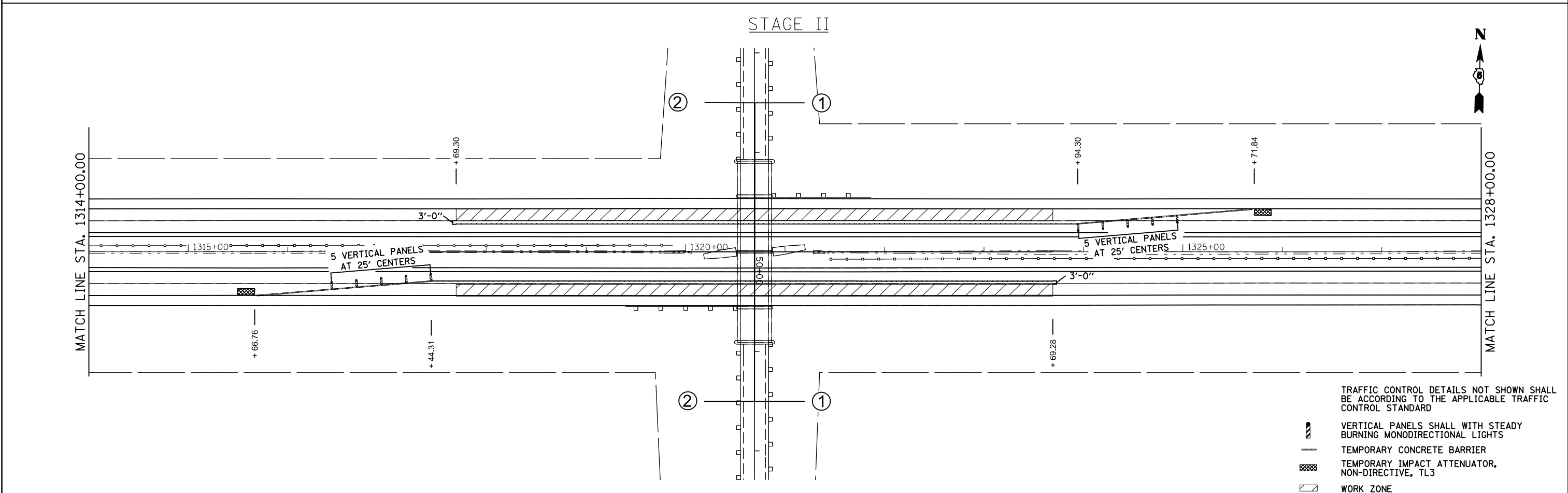
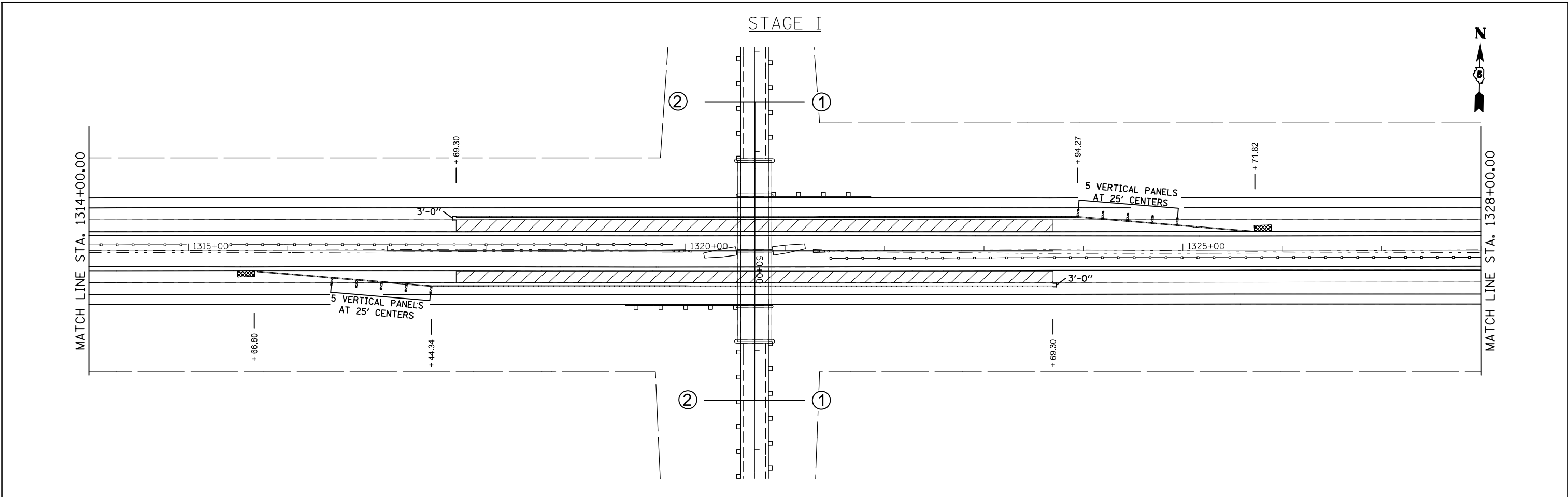
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#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SN 092-0152
TRAFFIC CONTROL STAGING**

SCALE: SHEET OF SHEETS STA. 1234+00.00 TO STA. 1248+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	091
10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO.	70788	
ILLINOIS FED. AID PROJECT				



- TRAFFIC CONTROL DETAILS NOT SHOWN SHALL BE ACCORDING TO THE APPLICABLE TRAFFIC CONTROL STANDARD
- VERTICAL PANELS SHALL WITH STEADY BURNING MONODIRECTIONAL LIGHTS
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR, NON-DIRECTIVE, TL3
 - WORK ZONE

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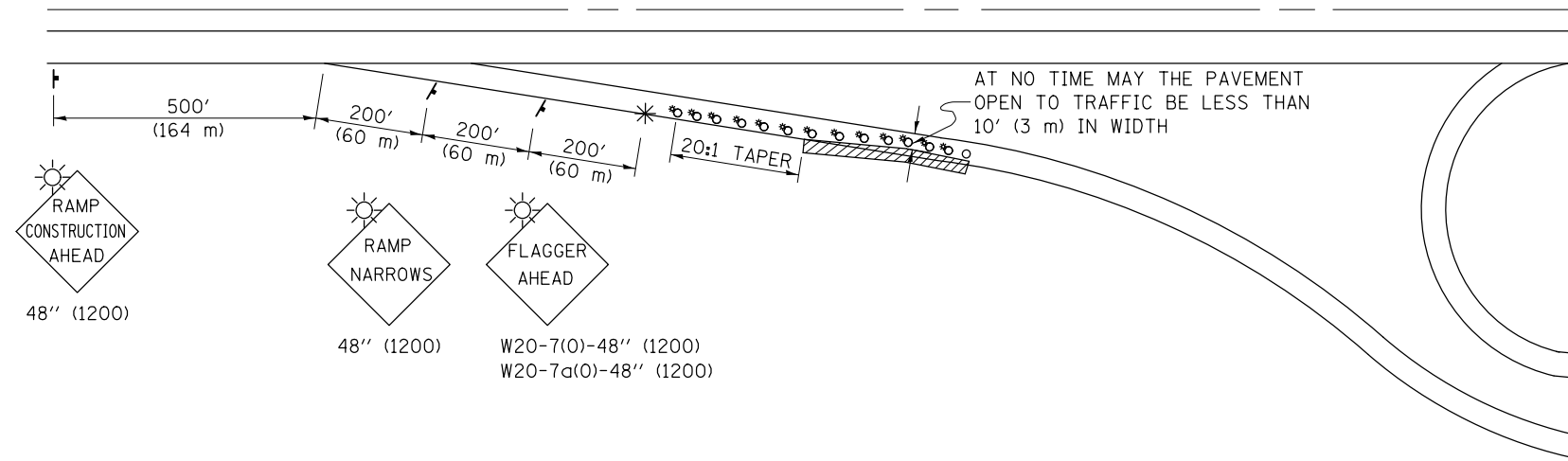
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SN 092-0115
TRAFFIC CONTROL STAGING**

SCALE: SHEET OF SHEETS STA. 1314+00.00 TO STA. 1328+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	092
10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				

PARTIAL RAMP CLOSURE



TYPICAL APPLICATIONS

PAVEMENT PATCHING
PIPE UNDERDRAINS
HMA RESURFACING

GENERAL NOTES

CONSTRUCTION OPERATIONS SHALL BE CONFINED TO AN AREA NARROW ENOUGH THAT A MINIMUM OF 10' (3 m) OF PAVEMENT SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

FULL WIDTH PAVEMENT ON THE RAMPS SHALL BE OPEN TO TRAFFIC AT DAY TIME.

WHEN NO WORK IS BEING PERFORMED, THE FLAGGER WILL NOT BE REQUIRED. IF THE FLAGGER IS NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.

ALL SIGNS SHALL BE POST MOUNTED IF WORK IN THE AREA EXCEEDS FOUR DAYS OF OPERATIONS.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

ALL VEHICLES, EQUIPMENT, WORKERS (EXCEPT FLAGGER) AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE DISTRICT ENGINEER.

STEADY BURN LIGHTS ARE REQUIRED FOR NIGHT TIME OPERATIONS.

CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER AT 217-465-4181, ONE WEEK PRIOR TO CLOSING ANY RAMP.

Traffic Control for all ramps shall be in accordance with the appropriate application of plan detail TRAFFIC CONTROL FOR RAMPS and will not be paid for separately, but shall be included in the contract lump sum prices for Traffic Control and Protection, Standard 701401 and/or Traffic Control and Protection, Standard 701406.

SYMBOLS

- ⊕ VERTICAL BARRICADES OR DRUMS @ 50' (15.0 m) CTS. W/STEADY BURNING LIGHTS
- * FLAGGER PLACED AS DIRECTED BY THE ENGINEER
- † SIGN ON PORTABLE OR PERMANENT SUPPORT
- ▨ WORK AREA

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

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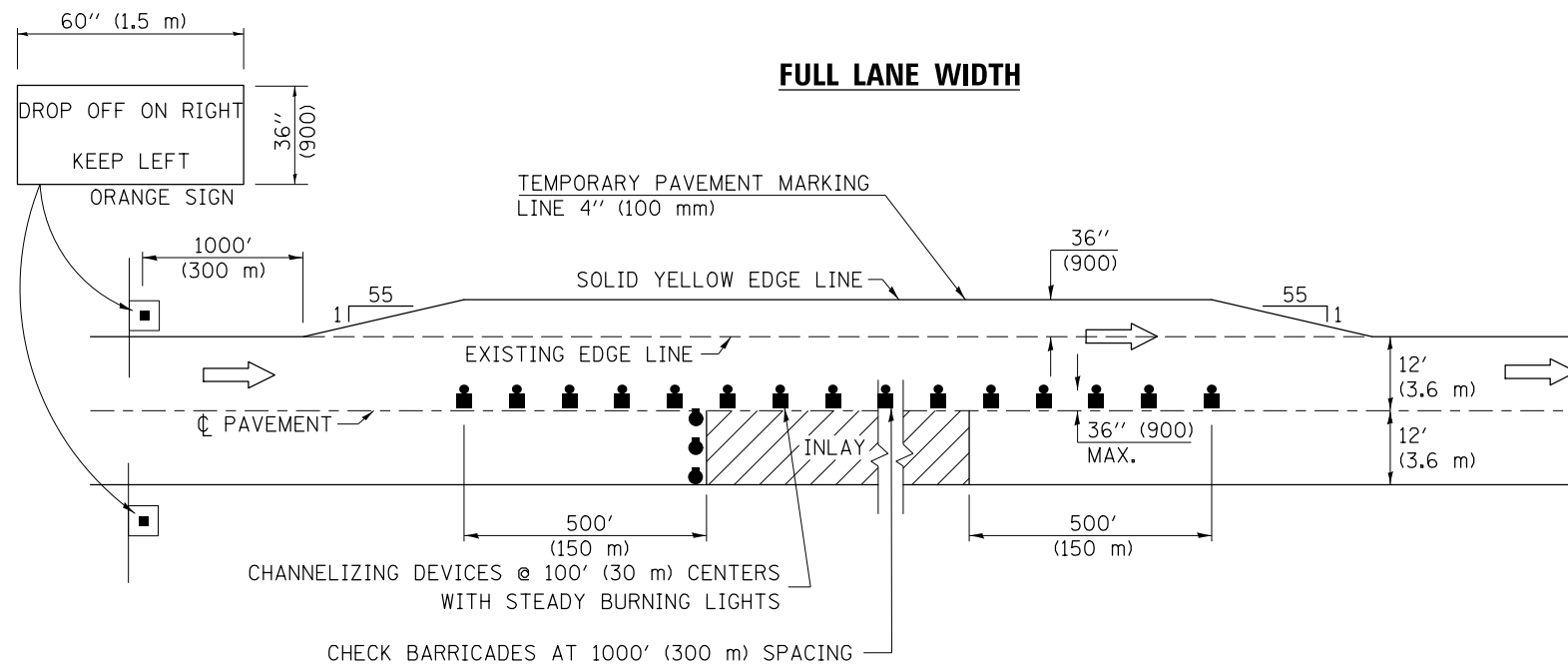
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL FOR RAMPS

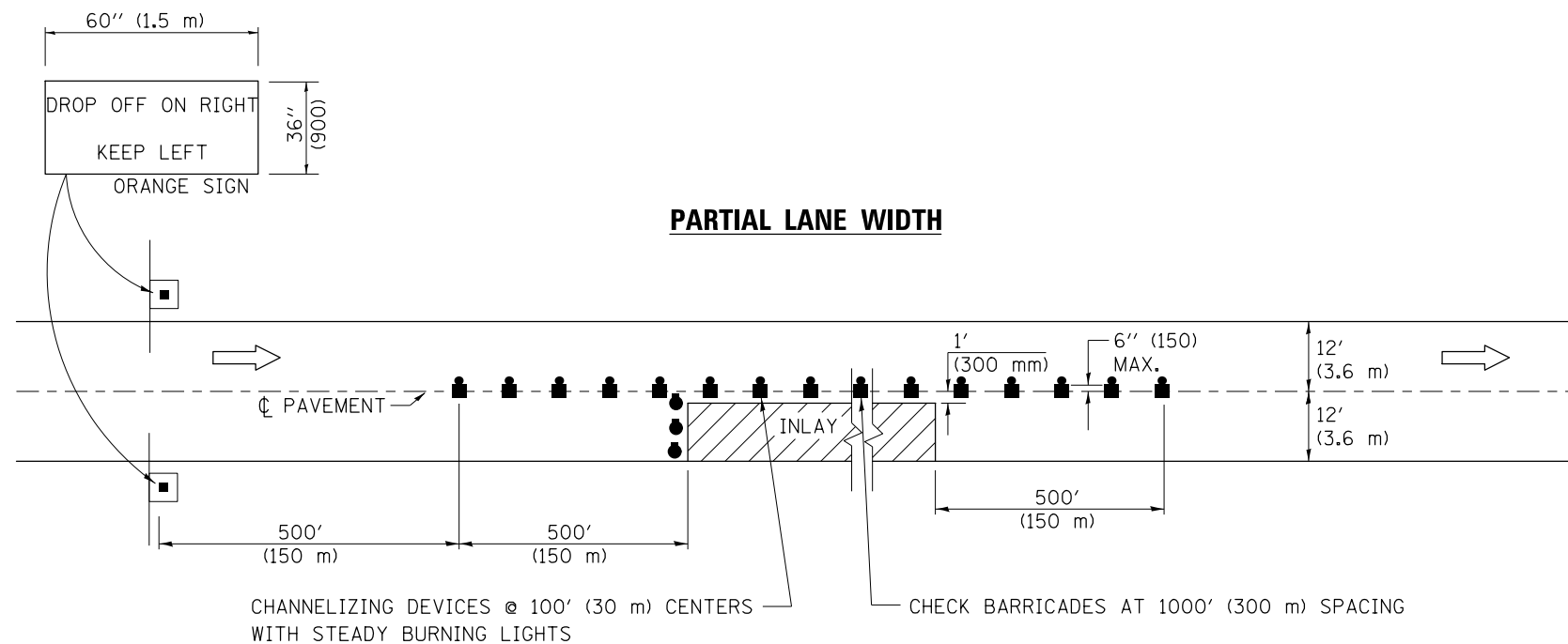
SCALE: SHEET OF SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 70103710

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	093
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



NOTE: PASSING LANE CLOSURES SHALL BE SIMILAR. THE TEMPORARY PAVEMENT MARKING LINE 4" (100 mm) SHALL BE A SOLID WHITE LINE.



TYPICAL APPLICATIONS DRIVING LANE INLAY

GENERAL NOTES




TRAFFIC CONTROL DETAILS NOT SHOWN SHALL BE ACCORDING TO TRAFFIC CONTROL STANDARD 701401.

PASSING LANE CLOSURES SHALL BE SIMILAR. SIGN SHALL READ "DROP OFF ON LEFT, KEEP RIGHT".

SIGN LETTERING, COLOR, & SIZE SHALL BE PER MUTCD.

AT RAMPS, THE INLAY WORK AREA SHALL BE STAGED TO COORDINATE WITH STANDARD 701411. TEMPORARY RAMPS THROUGH THE INLAY AREA TO MAINTAIN RAMP TRAFFIC IN LIEU OF STAGING WILL NOT BE ALLOWED.

SYMBOLS

-  DIRECTION OF TRAVEL
-  DRUMS OR BARRICADES WITH FLASHING LIGHTS
-  HIGH INTENSITY REFLECTORIZED VERTICAL BARRICADES WITH STEADY BURN LIGHTS

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

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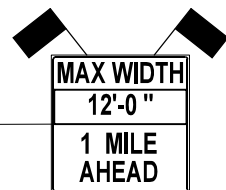
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION, STANDARD 701401

SCALE: SHEET OF SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. X7010805

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	094
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



(DUAL DISPLAY)
ERECT BY 1/2 MILE
GREENBOARD

SN 092-0105



ERECT ACROSS FROM
'PROHIBITED BY' SIGN

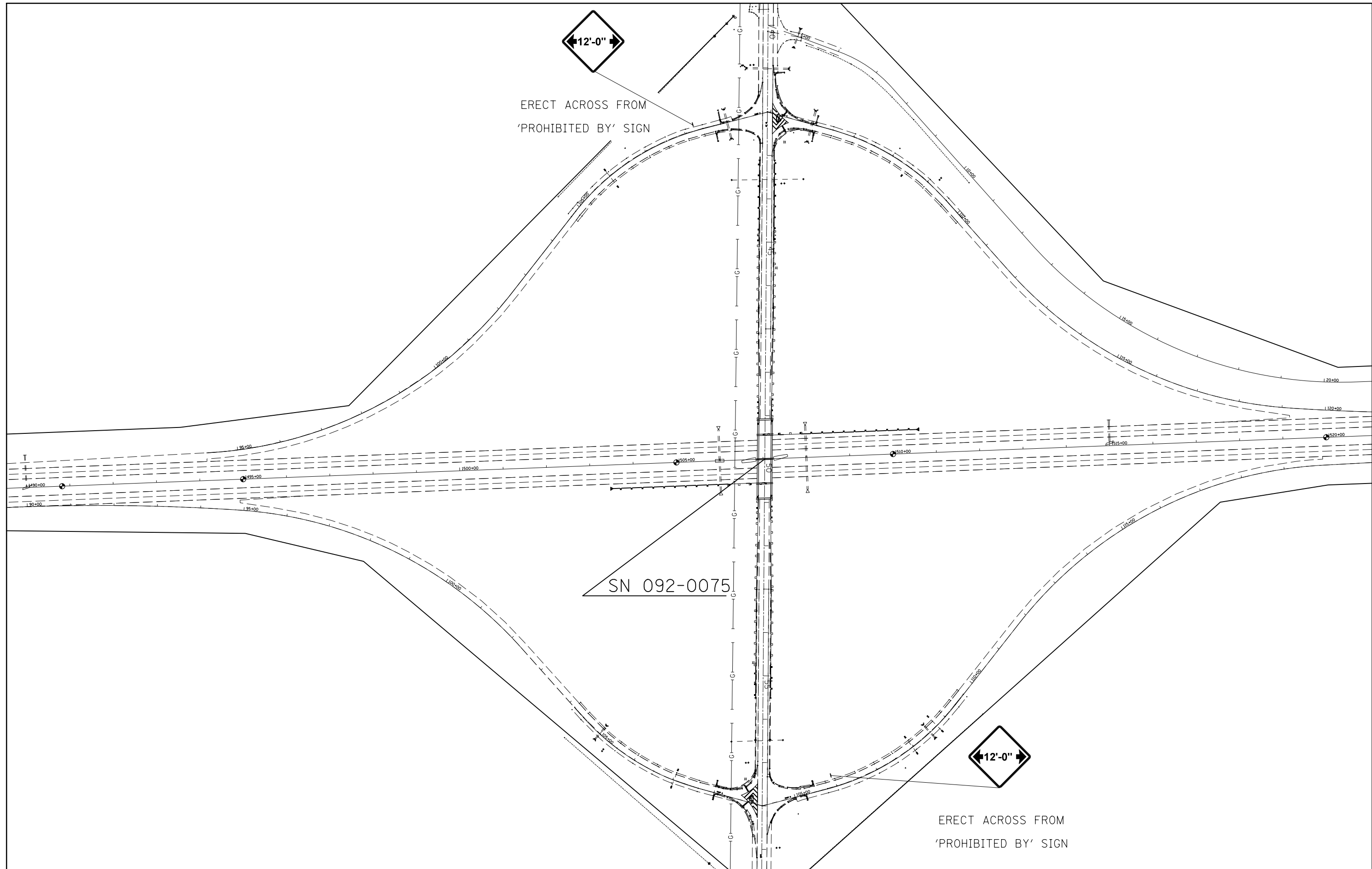
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	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION SIGNING
IL 49 (N)

SCALE: SHEET 001 OF 005 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	095
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO.	70788	
ILLINOIS FED. AID PROJECT				



ERECT ACROSS FROM
'PROHIBITED BY' SIGN

SN 092-0075



ERECT ACROSS FROM
'PROHIBITED BY' SIGN

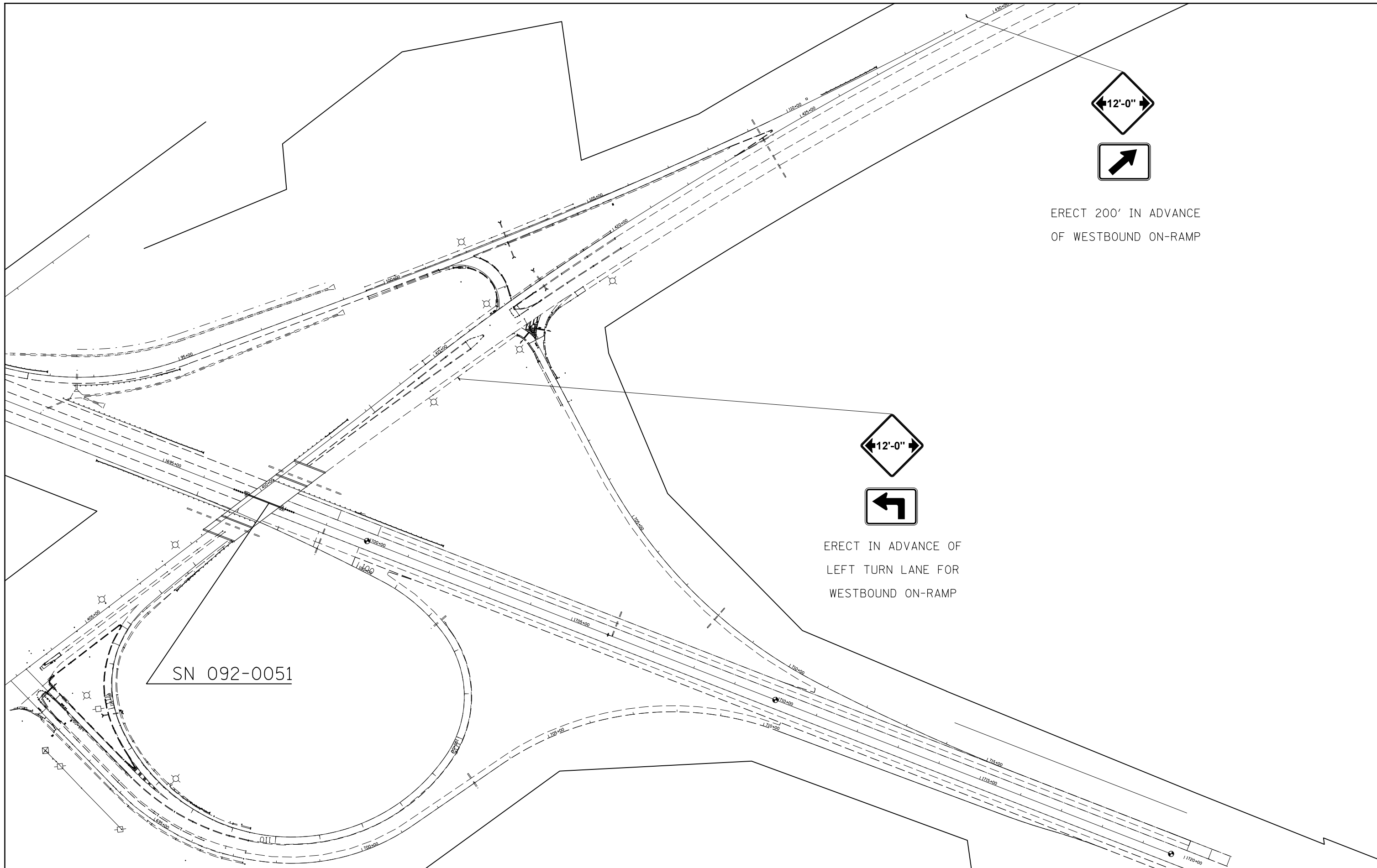
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\$MODELNAME\$	PLOT DATE = 12/18/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WIDTH RESTRICTION SIGNING
FAS 331 (CH 10)**

SCALE: SHEET 002 OF 005 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	096
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



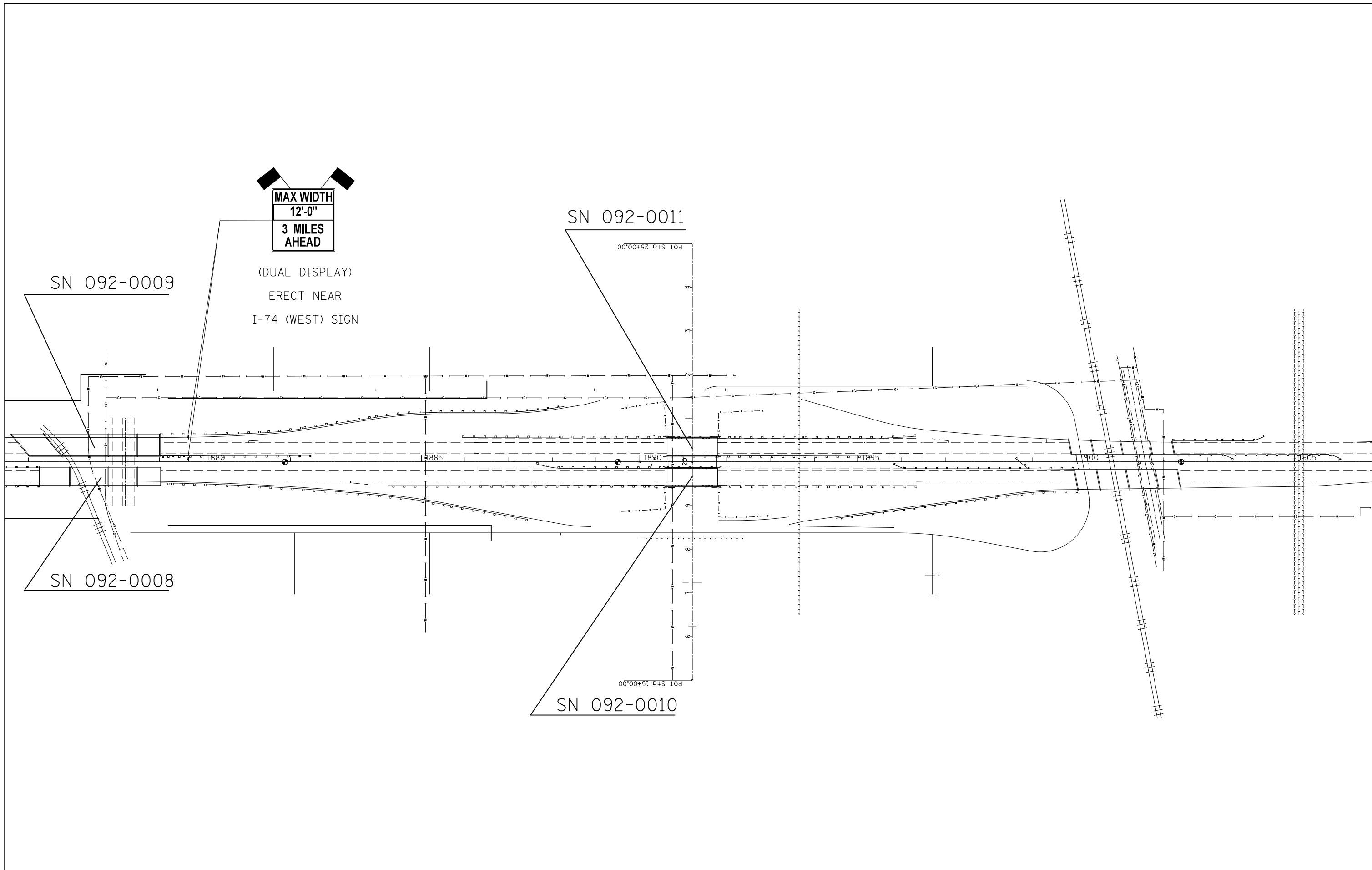
ERECT 200' IN ADVANCE
OF WESTBOUND ON-RAMP



ERECT IN ADVANCE OF
LEFT TURN LANE FOR
WESTBOUND ON-RAMP

SN 092-0051

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\$MODELNAME\$	PLOT SCALE = 200.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 003 OF 005 SHEETS	STA.	TO STA.	CONTRACT NO. 70788	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 12/18/2014	CHECKED -	REVISED -								
		DATE -	REVISED -								



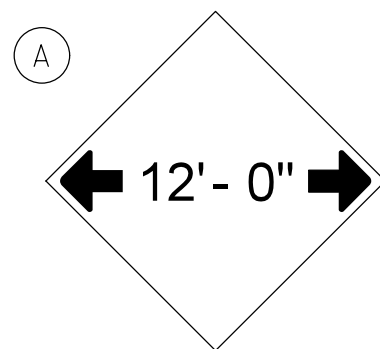
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\$MODELNAME\$	PLOT DATE = 12/18/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

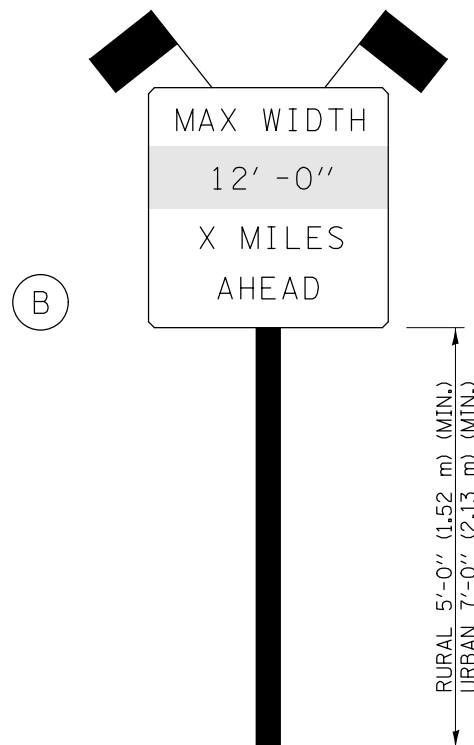
**WIDTH RESTRICTION SIGNING
NORTH 'G' STREET**

SCALE: SHEET 004 OF 005 SHEETS STA. TO STA.

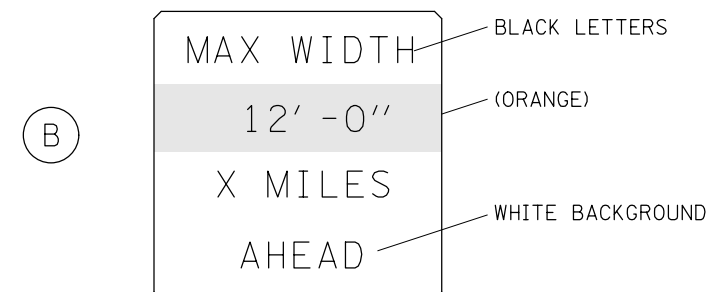
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	VERMILION	106	098
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



W12-2(0)-48"x48"(1200x1200)



SIGN PANEL, TYPE II



W12-I103(0)-48"x48"(1200x1200)
"D" LETTERS/NUMBERS

SIGN (A) 2 SIGNS - W12-2(0)-48"x48"(1200x1200) ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

SIGN (B) 2 SIGNS - (SIGN PANEL, TYPE II) AS SHOWN ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL (B) SIGNS SHALL HAVE FLAGS INSTALLED UNLESS OTHERWISE DIRECTED.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR WIDTH RESTRICTION SIGNING.
5. ALL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE DIRECTED.
6. ALL SIGNS SHOWN ORANGE (O) SHALL BE FLUORESCENT ORANGE.
7. ALL SIGNS SHOWN SHALL CONSIST OF THE CURRENT RETROREFLECTIVE SHEETING REQUIREMENTS AS OUTLINED IN SECTION 1106.01 OF THE STANDARD SPECIFICATIONS BOOK.

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

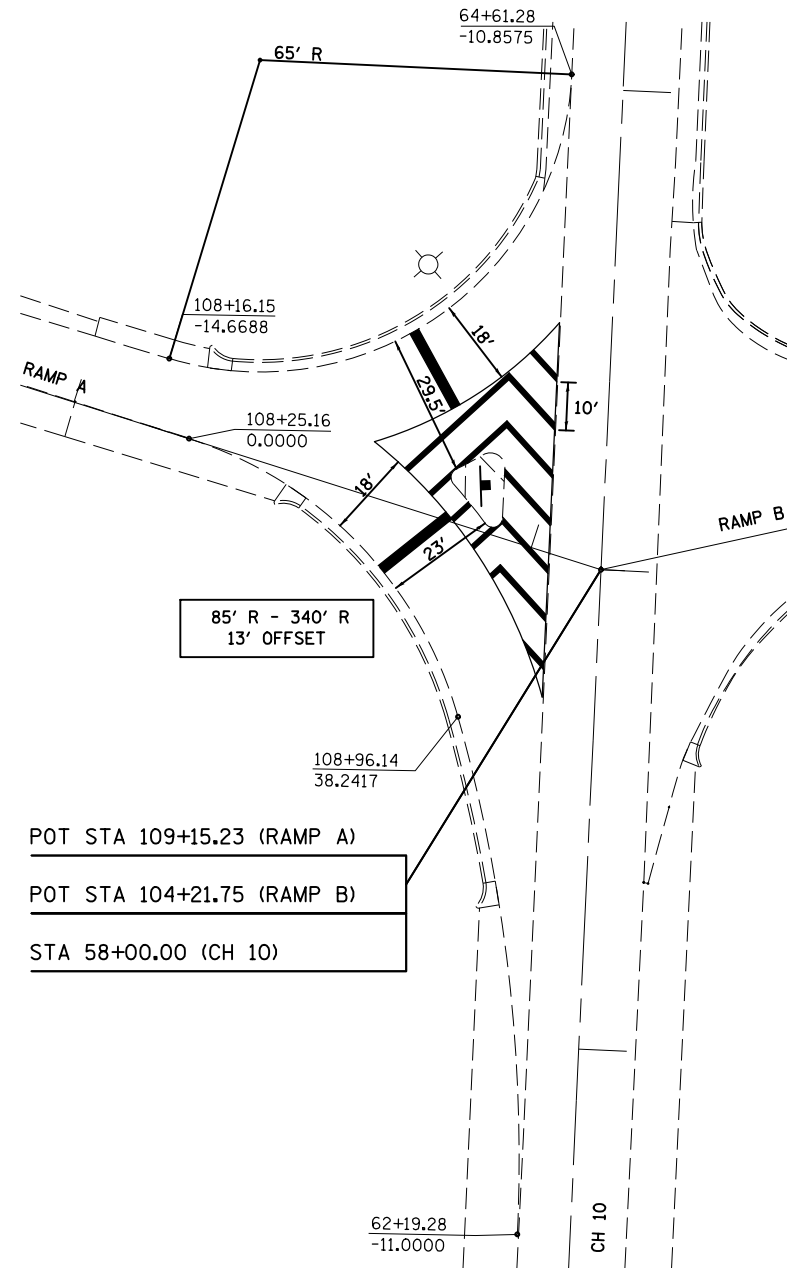
WIDTH RESTRICTION SIGNING

SCALE: SHEET 005 OF 005 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. X7200201

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	099
• 10(92-8,9)RS-2,(92-10)RS-3			CONTRACT NO. 70788	
ILLINOIS FED. AID PROJECT				

RAMP A STRIPING DETAIL

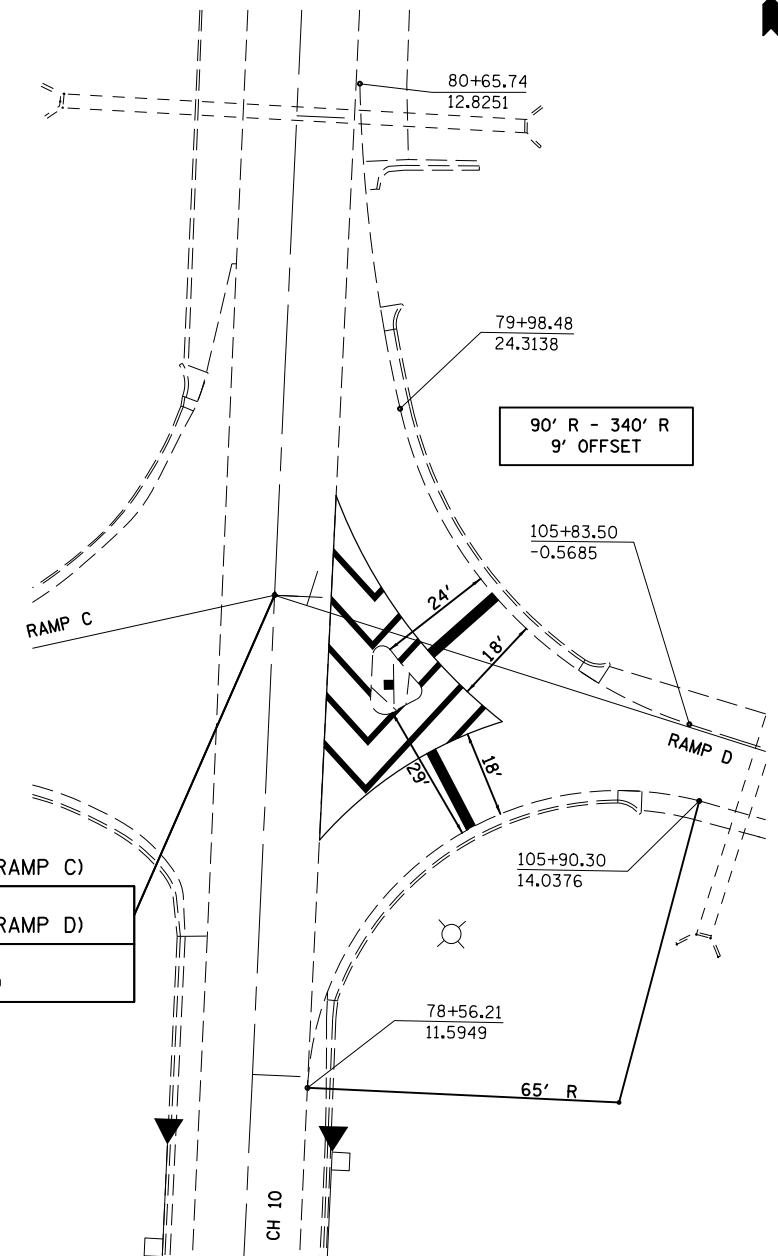


POT STA 109+15.23 (RAMP A)

POT STA 104+21.75 (RAMP B)

STA 58+00.00 (CH 10)

RAMP D STRIPING DETAIL



POT STA 109+96.22 (RAMP C)

POT STA 104+92.97 (RAMP D)

STA 42+00.00 (CH 10)

NOTE: WRONG WAY ARROW IS TO BE PLACED BETWEEN DUAL DISPLAY 'WRONG WAY' SIGN SETS, AS DIRECTED BY THE ENGINEER. 'WRONG WAY' ARROW STRIPING SHALL BE ACCORDING TO HIGHWAY STANDARD 780001.

STRIPING DETAILS NOT SHOWN SHALL BE ACCORDING TO DISTRICT 5 DETAIL NO. 7800AAAA

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		CHECKED -	REVISED -
		DATE -	REVISED -
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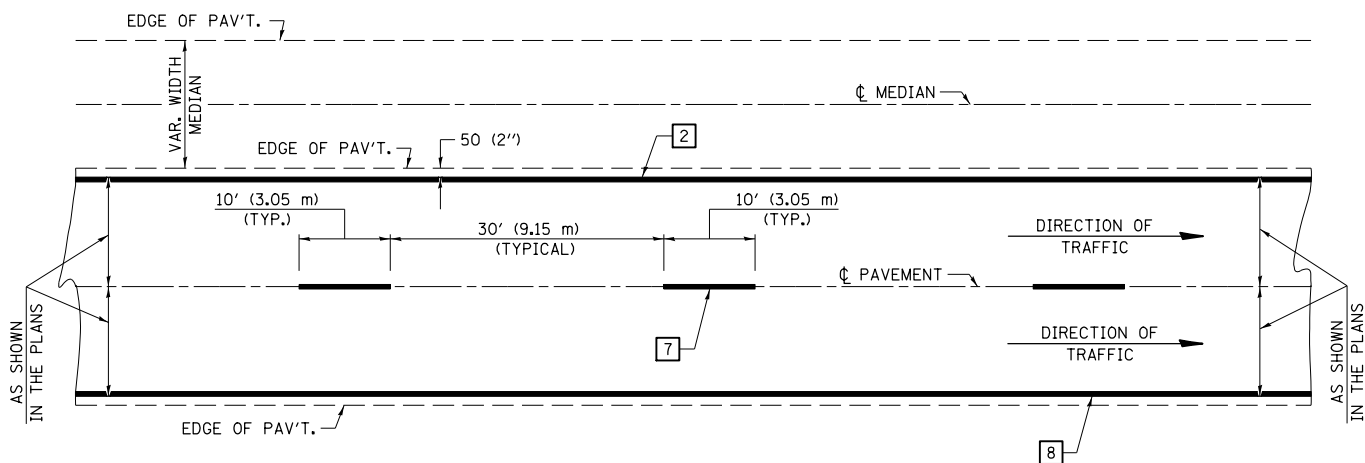
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A & RAMP D
STRIPING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	VERMILION	106	100
* 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				

CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY

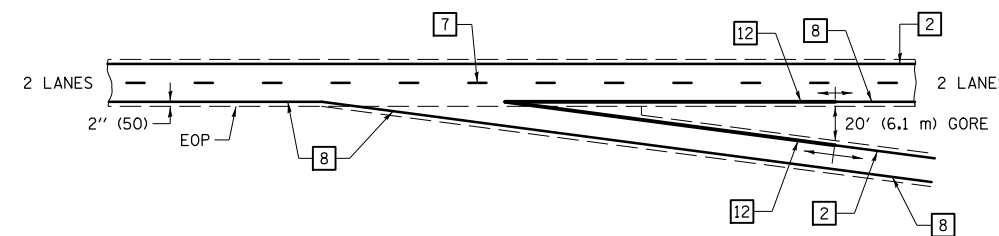


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

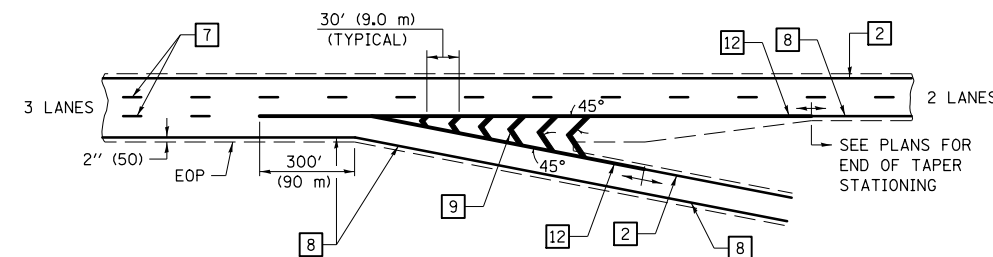
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

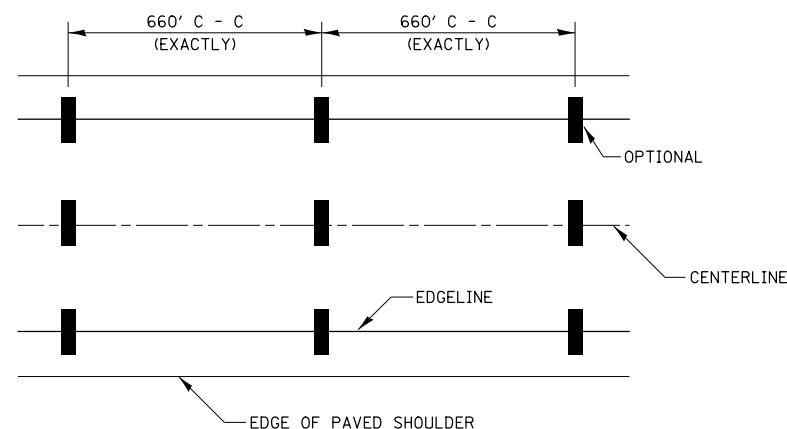
TYPICAL EXIT RAMP TERMINAL



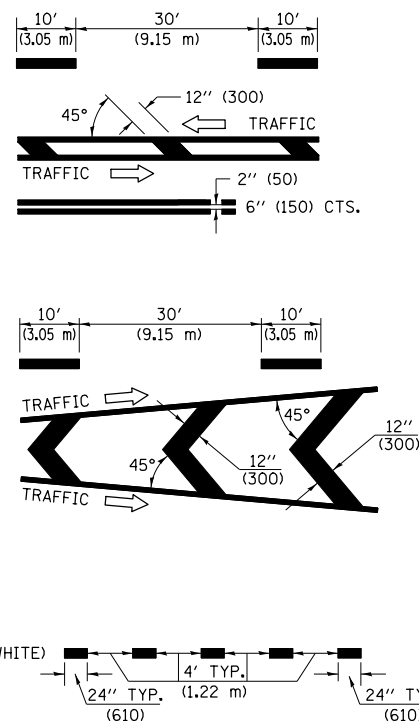
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



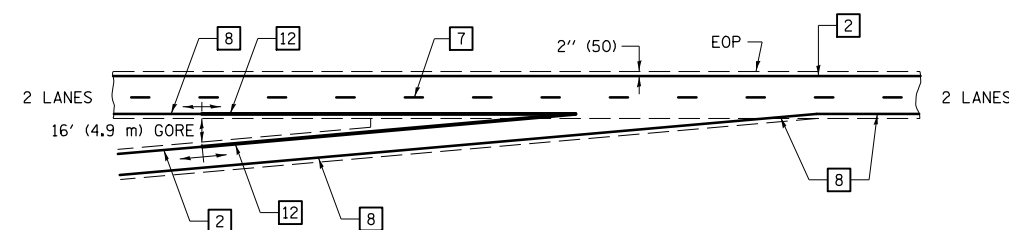
TYPICAL PAVEMENT MARKING LEGEND



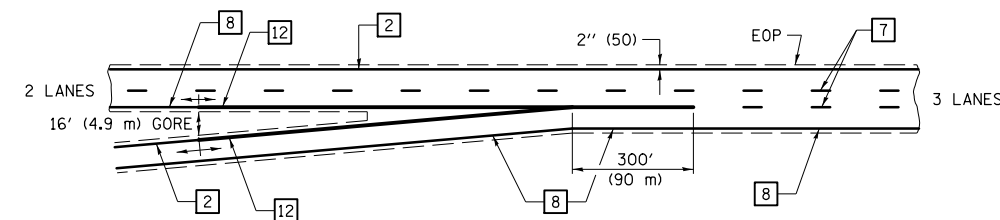
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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



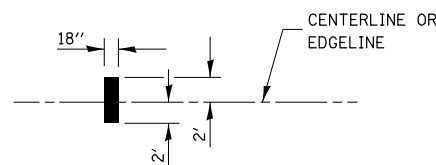
TYPICAL ENTRANCE RAMP TERMINAL



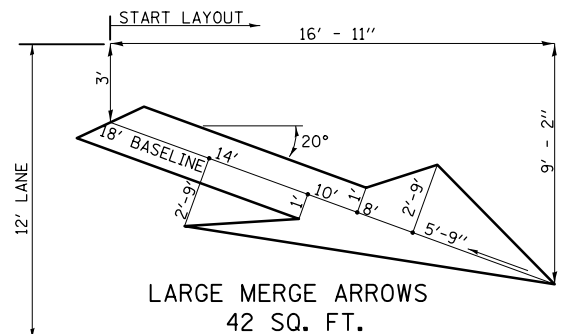
ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



AERIAL SPEED CHECK ZONES



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

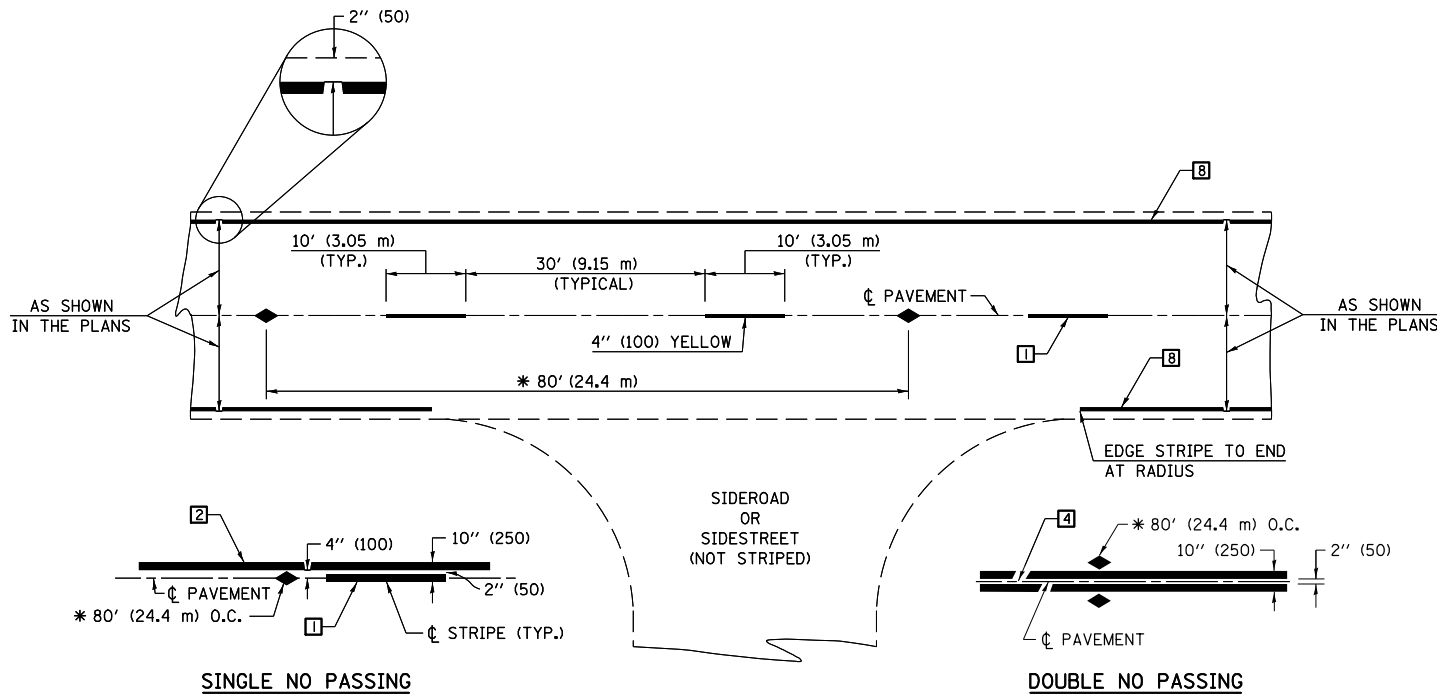
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	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

SCALE: SHEET OF SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800BBBB				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	101
• 10(92-8,9)RS-2,(92-10)RS-3			CONTRACT NO. 70788	
ILLINOIS FED. AID PROJECT				



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

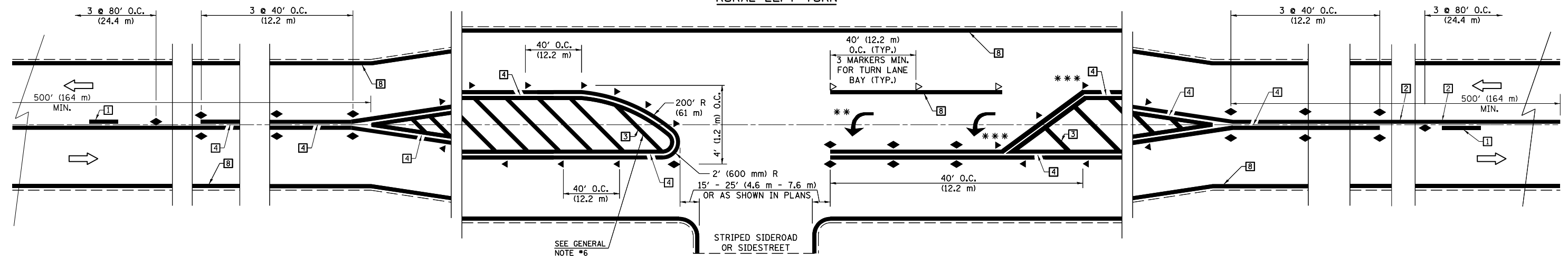
TYPICAL PAVEMENT MARKING LEGEND

- 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.

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED - 11/06
ci:\pw\work\p\idot\jaymedf\d0328444\0570788-sht-Details.dgn		DRAWN -	REVISED - 09/09 -KJT
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#MODELNAME#	PLOT DATE = 12/18/2014	DATE -	REVISED -

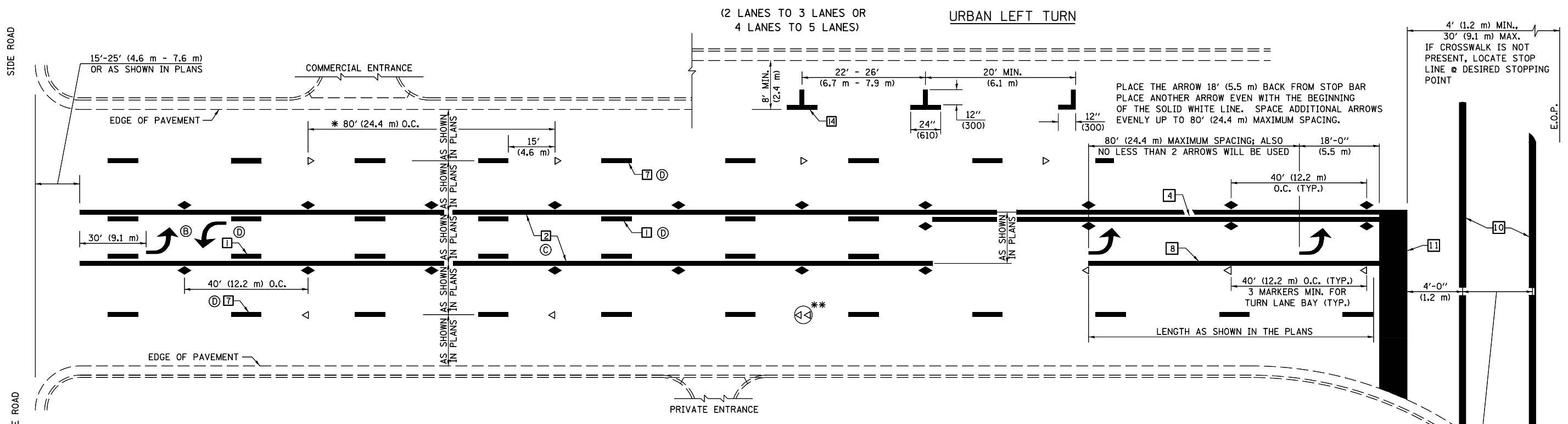
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

DISTRICT 5 DETAIL NO. 7800AAA

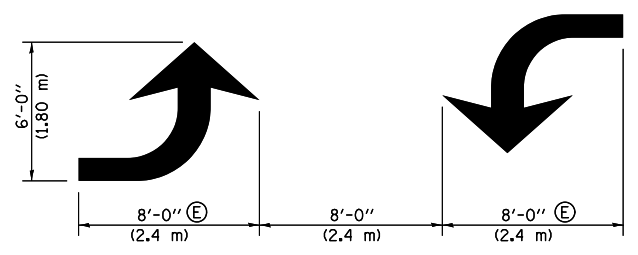
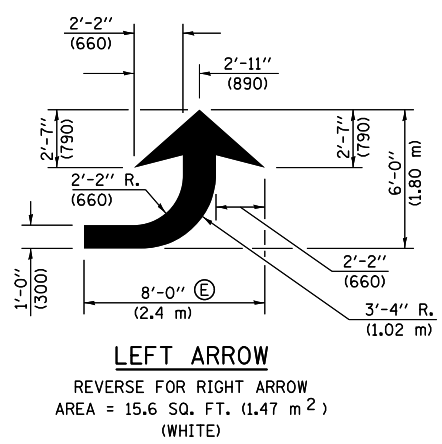
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	102
10(92-8,9)RS-2,(92-10)RS-3			CONTRACT NO. 70788	
ILLINOIS FED. AID PROJECT				



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

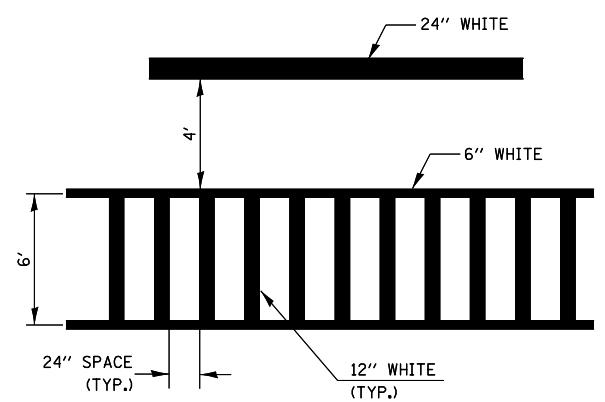
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

- 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)

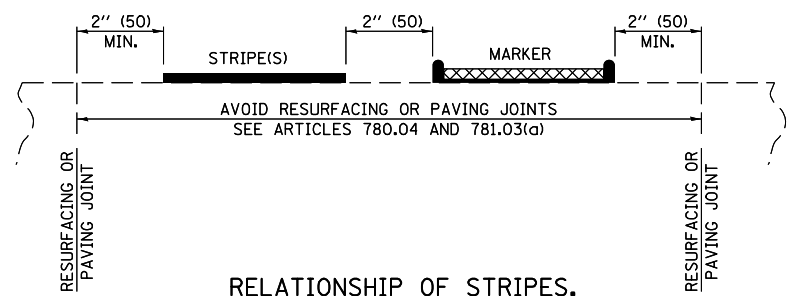


TYPICAL DOUBLE TURN ARROWS (WHITE)

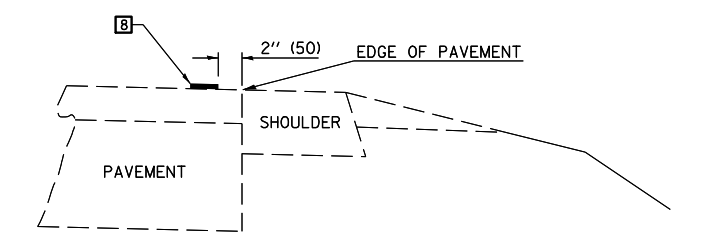
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



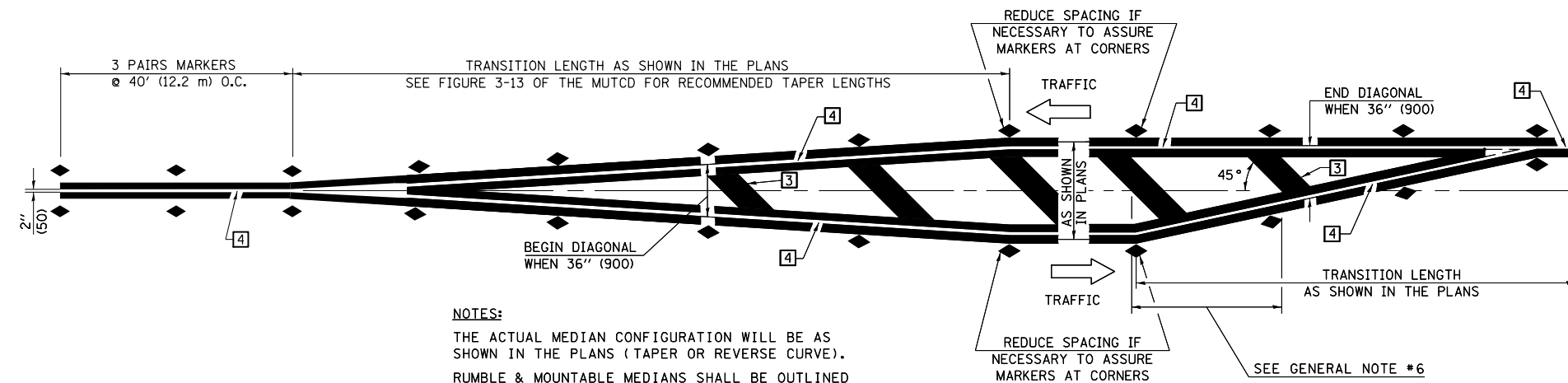
RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

CROSSWALK WIDTH 6'-0" (1.8 m) OR AS SHOWN IN THE PLANS

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

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\pwork\jaymedf\d0328444\0570788-sht-Details.dgn	DRAWN -	REVISED - 09/09 -KJT	74				VERMILION	106	103	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 -JLA	10(92-8,9)RS-2,(92-10)RS-3			CONTRACT NO. 70788				
\$MODELNAME\$	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

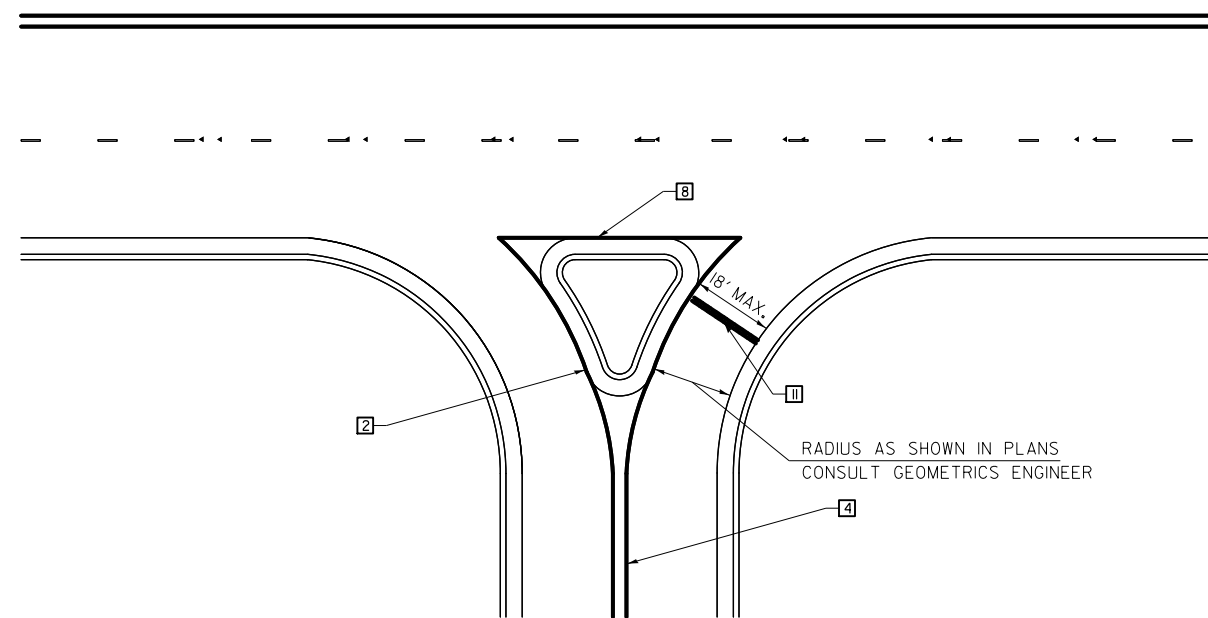


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

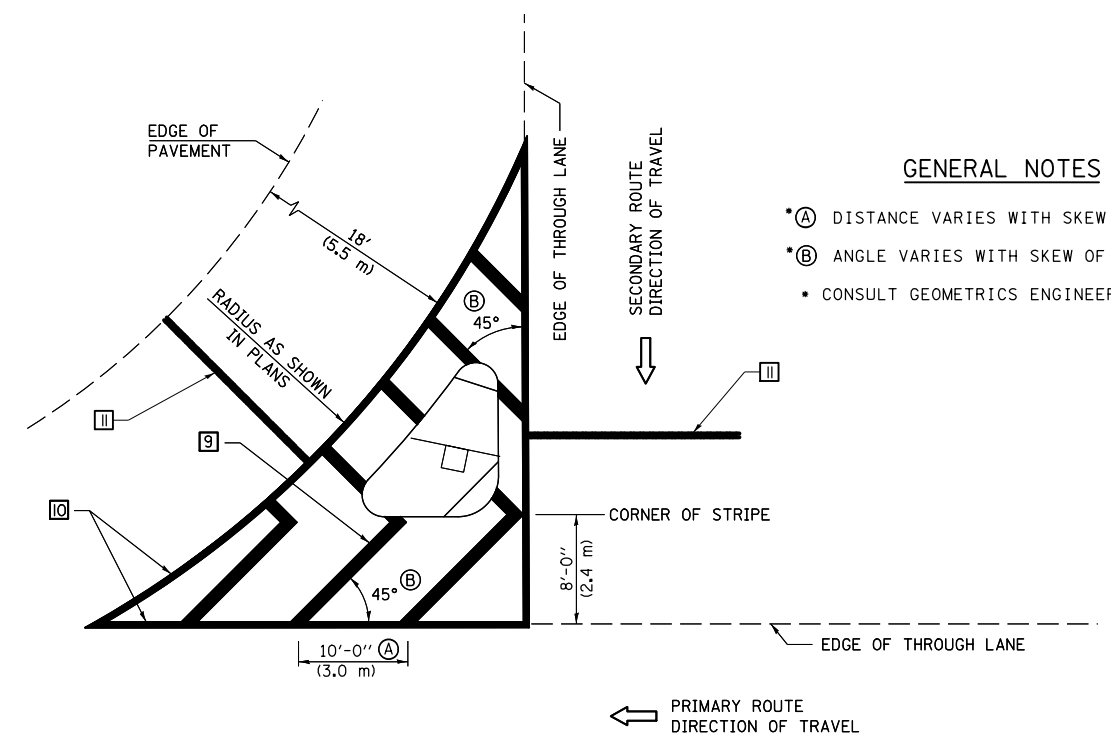
TYPICAL MEDIAN TRANSITIONS

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.

DISTRICT 5 DETAIL NO. 7800AAA

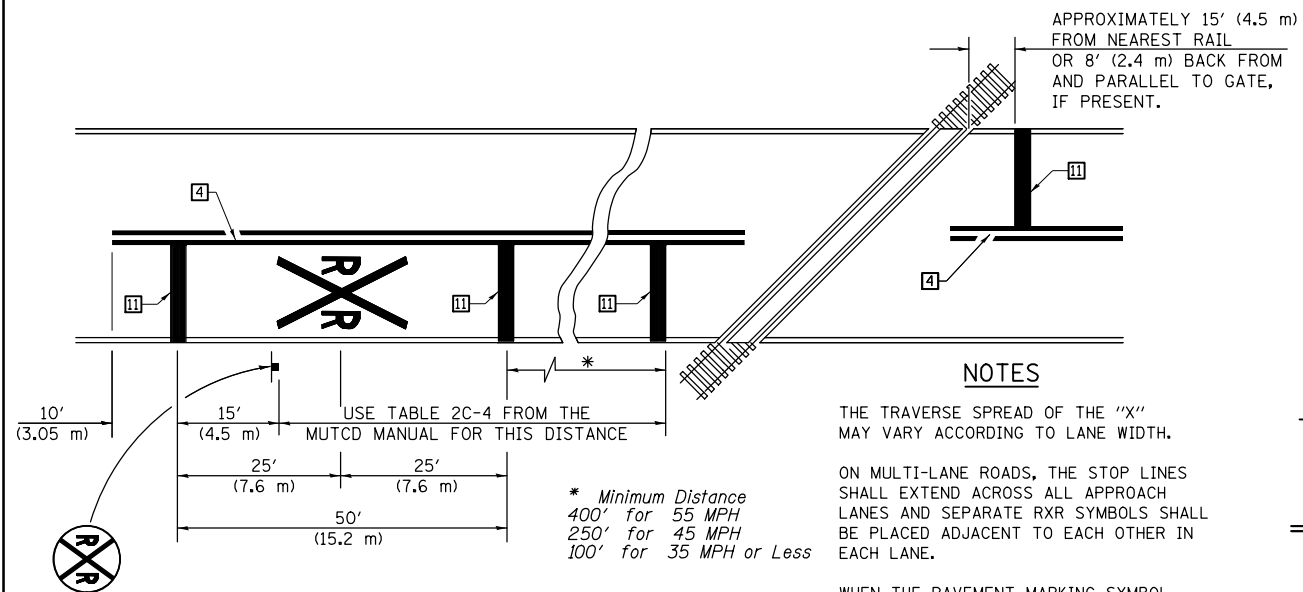
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 -JLA
\$MODELNAME\$	PLOT DATE = 12/18/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	104
• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

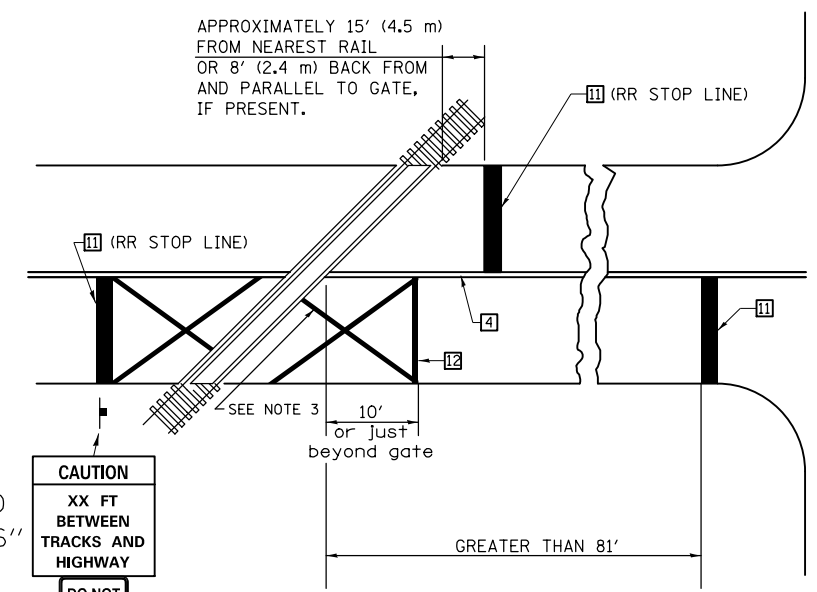
NOTES

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.

RAILROAD CROSSING WITH INTERCONNECT ONLY



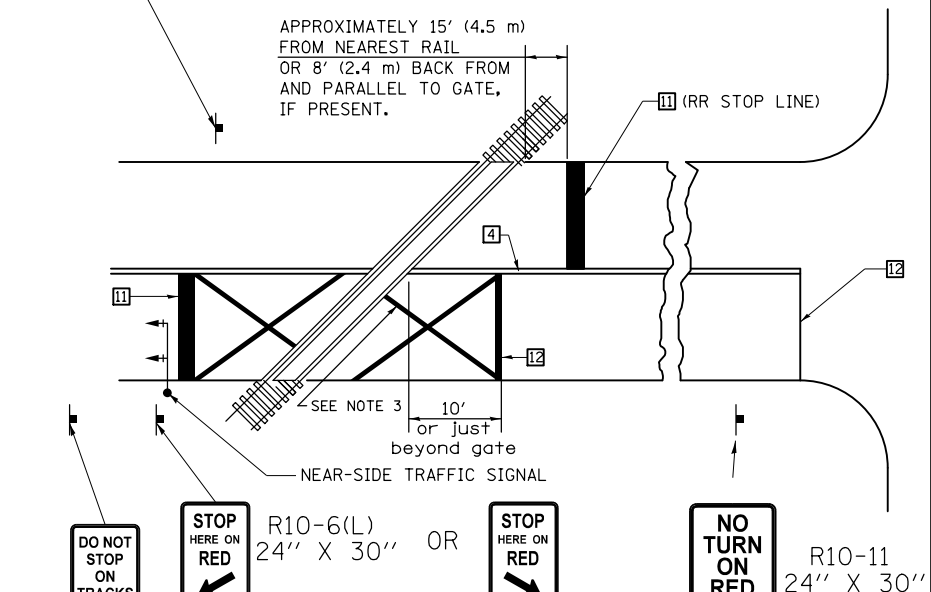
W10-I100
30" X 36"

CAUTION
XX FT BETWEEN TRACKS AND HIGHWAY

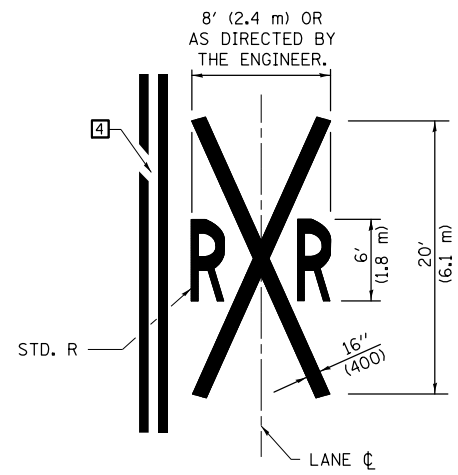
DO NOT STOP ON TRACKS

R8-8
24" X 30"

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



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.

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED - 11/06
c:\pwork\pwork\jaymedf\d0328444\0570788-sht-Details.dgn		DRAWN -	REVISED - 09/09 -KJT
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED - 04/14 -JLA
\$MODELNAME\$	PLOT DATE = 12/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

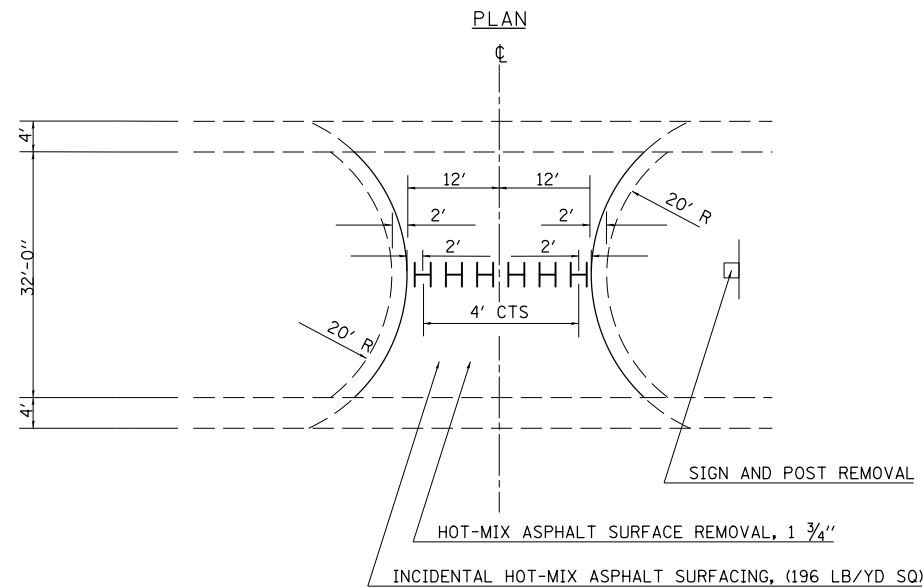
SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

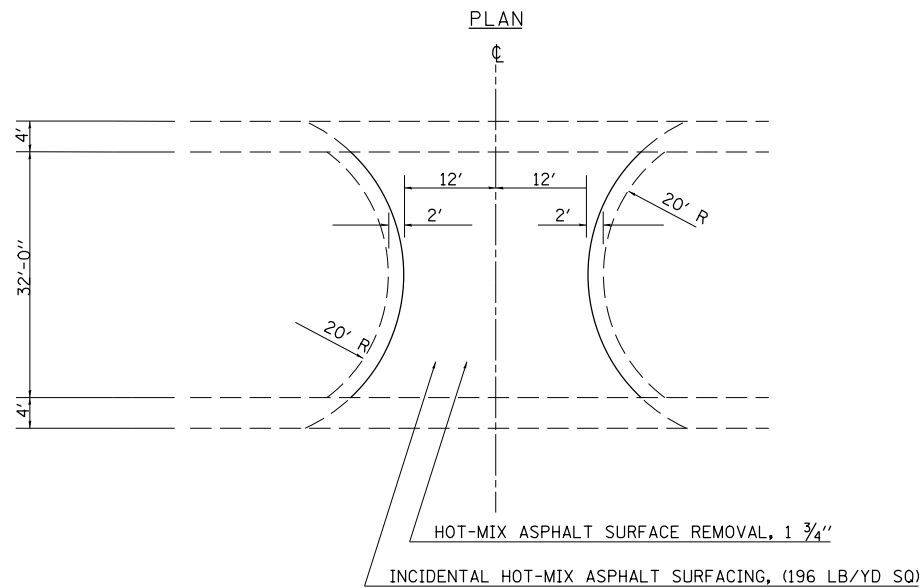
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		VERMILION	106	105
• 10(92-8,9)RS-2,92-10)RS-3			CONTRACT NO. 70788	
ILLINOIS FED. AID PROJECT				

MEDIAN CROSSOVER DETAILS

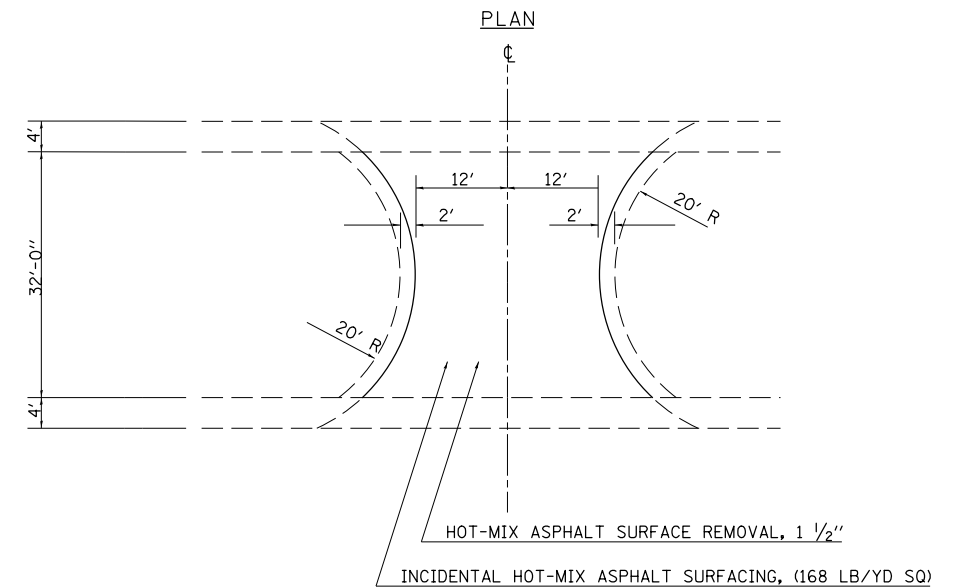
**MEDIAN CROSSOVER
STATION 1183 + 97.10**



**MEDIAN CROSSOVER
STATION 1330 + 46.80
STATION 1470 + 17.20**



**MEDIAN CROSSOVER
STATION 1639 + 46.20**



H FLEXIBLE DELINEATORS

FILE NAME =	USER NAME = jaymedf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN CROSSOVER DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\jaymedf\d0328444\0570788-sht-Details.dgn		DRAWN -	REVISED -		74		VERMILION	106	106			
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			• 10(92-8,9)RS-2,(92-10)RS-3		CONTRACT NO. 70788		
	PLOT DATE = 12/18/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							