

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 57 (I-57)
SECTION (77-1,91-4,91-4-1,91-3)R-1
PROJECT ACIM-057-1(231)020
UNION & PULASKI COUNTY
C-99-017-12

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

I-57 TRAFFIC DATA
2013 ADT = 6,590 WITH 48% TRUCKS
2033 ADT = 8,880 WITH 48% TRUCKS

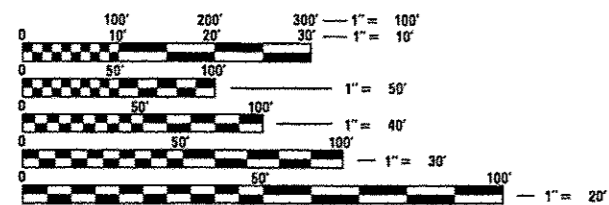
TOWNSHIP

DONGOLA
WETAUG

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(77-1,91-4,91-4-1,91-3)R-1	UNION/PULASKI	39	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 78289		

*39 + 2 = 41

D-99-041-12

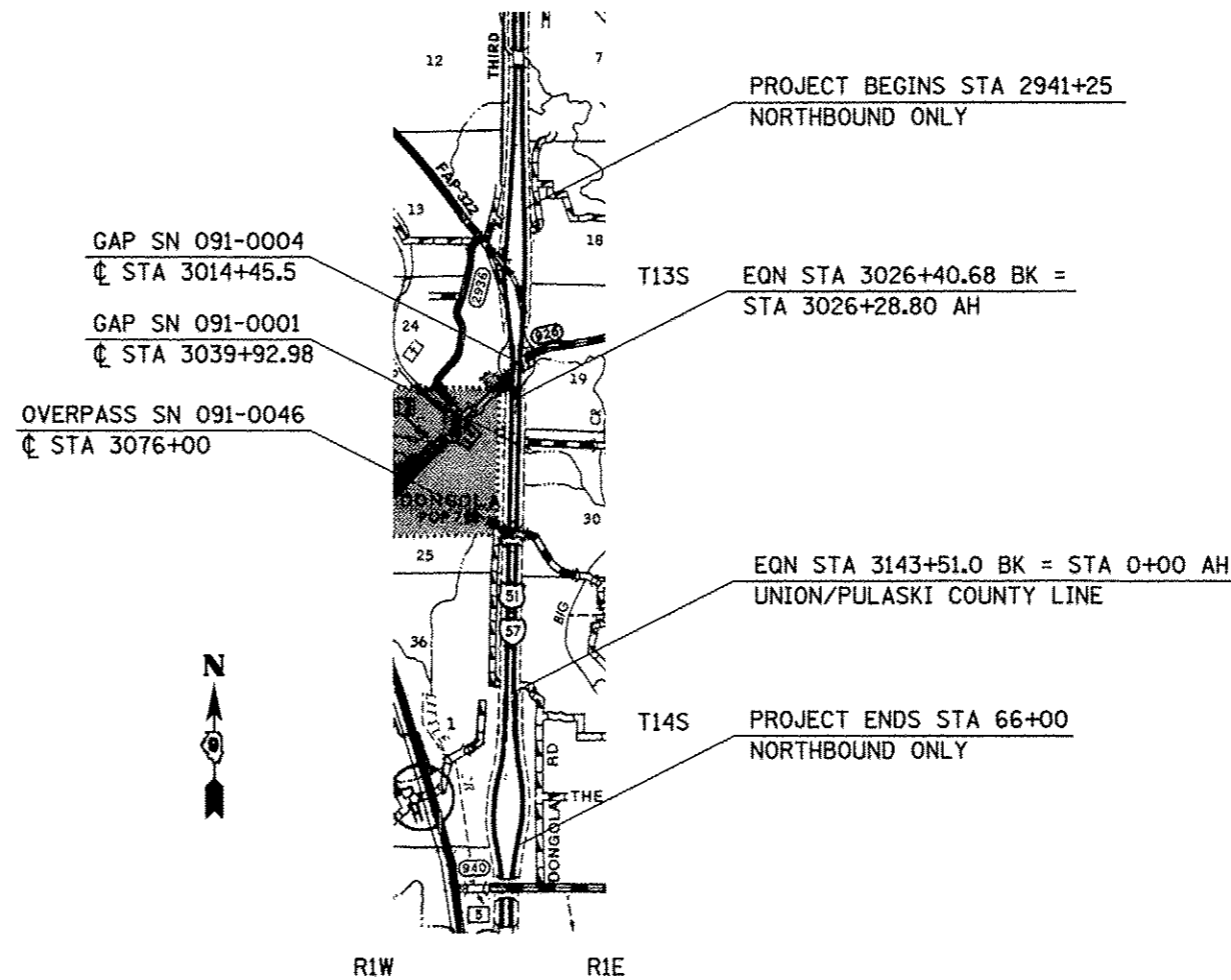


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

PROJECT ENGINEER: CHARLES STEIN
DESIGNER: PAULA STOVER
618-549-2171

CONTRACT NO. 78289



GROSS LENGTH = 26838 FEET = 5.08 MILES
NET LENGTH = 26294 FEET = 4.98 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 29th 2012

James J. [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 5 2012
John D. [Signature]
acting ENGINEER OF DESIGN AND ENVIRONMENT

October 5 2012
William F. [Signature]
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND STRUCTURES
3	SIGNATURE SHEET
4	GENERAL NOTES, MIX DESIGN AND COMMITMENTS
5	PAVEMENT AND SUBSURFACE INVESTIGATION SUMMARY
6	CROSS ROAD PIPES AND ESTIMATED FILL HEIGHT
7 - 9	SUMMARY OF QUANTITIES
10 - 15	TYPICAL SECTIONS
16 - 24	SCHEDULES OF QUANTITIES
25 - 29	PLAN SHEETS
30 - 38	PROJECT DETAILS
39	ALTERNATE ROUTE SIGNING PLAN HIGHWAY STANDARDS

STANDARDS

000001-06	635011-02
001001-02	642001-02
420701-02	701101-02
442101-07	701400-05
601001-04	701401-06
601101-01	701411-08
606001-04	701426-04
630001-10	701451-01
	701456-02
631011-08	701901-02
631026-05	720001-01
631031-10	720006-03
631033-04	720011-01
635001-01	780001-03
635006-03	781001-03

STRUCTURES WITHIN PROJECT LIMITS

STRUCTURE NO.	OPERATING RATING	INVENTORY RATING	POSTING	MTD APPROVAL
091-2021	35.8	20.0	NONE	LOADED
091-0004	34.9	21.0	NONE	LOADED
091-0001	37.9	21.3	NONE	LOADED
091-0046	29.2	18.9	NONE	LOADED
091-2020	27.4	14.4	NONE	EMPTY
091-7064			NONE	LOADED
091-7068			NONE	LOADED
091-7066			NONE	LOADED
091-7065			NONE	LOADED

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS, AND STRUCTURES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pwork\puidot\stoverpg\02289789\78289	91-ehtr-cvr-aooq.index.dgn	DRAWN -	REVISED -			ST	(77-1,91-4,91-4-1,91-3)R-1	UNION/PULASKI	39	2
PLOT SCALE = 1/8" = 1' / in.		CHECKED -	REVISED -			CONTRACT NO. 78289				
PLOT DATE = 6/16/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

Prepared By: Joe G. Glatkowski
DISTRICT STUDIES & PLANS ENGINEER

Examined By: James E. Egan
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Keel Kelly
DISTRICT OPERATIONS ENGINEER

Examined By: CRS
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas J. Merid
DISTRICT CONSTRUCTION ENGINEER

Examined By: David W. Winkler
DISTRICT MATERIALS ENGINEER

Approved By: Omer Asmana
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Aug 17 2012
DATE

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNATURE SHEET	E.A.T. R/E	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\work\p\stdot\stoverpg\42289789\78229\shlta\cvr\seq.index.dgn		DRAWN -	REVISED -			57	(77-1.91-4.91-4-1.91-31R-1)	UNION/PULASKI	39	3	
PLOT SCALE = 1/8"=1'-0"		CHECKED -	REVISED -			CONTRACT NO. 78289					
PLOT DATE = 8/13/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT CONCRETE 2.016 TONS/CU. YD.	BITUMINOUS MATERIALS: ON PAVEMENT 0.09 GAL./SQ. YD.
ALL AGGREGATE 2.05 TONS/CU. YD.	INTERMEDIATE LIFTS(FOG COAT) 0.04 GAL./SQ. YD.
RIPRAP 1.50 TONS/CU. YD.	ON AGGREGATE SURFACE 0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT) 0.0015 TONS/SQ. YD.	

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 300 FT. INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER, THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

EXISTING CONCRETE PATCHES ENCOUNTERED DURING MILLING OPERATIONS SHALL BE MILLED WITH THE SURROUNDING BITUMINOUS SURFACE REMOVAL. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.

SAW CUTS REQUIRED FOR BUTT JOINTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 107.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

ALL EQUIPMENT USED FOR THE PLACEMENT OF THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE APPROVED BY THE ENGINEER PRIOR TO ITS USE.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT ALL DRAINAGE STRUCTURES PRIOR TO AND DURING RUBBLIZATION OPERATIONS. ANY DAMAGE TO A DRAINAGE STRUCTURE RESULTING FROM THE RUBBLIZATION OR OTHER CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. A PARTIAL LIST OF EXISTING STRUCTURES IS FOUND HEREIN. IT IS FOR INFORMATION ONLY.

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) MUST BE INCLUDED BETWEEN ALL LIFTS OF HOT-MIX ASPHALT ON THE MAINLINE PAVEMENT. NO PRIME COAT SHOULD BE USED ON BARE RUBBLIZED PAVEMENT. REGULAR PRIME COAT MUST BE USED BETWEEN ALL SHOULDER LIFTS.

DELINEATOR REMOVAL SHALL BE INCLUDED IN THE COST OF DELINEATORS.

MIX DESIGN

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix E, N105
AC/PG:	SBS PG76-22
RAP% (Max):	0
Design Air Voids:	4.0%, 105 Gyration Design
Mixture Composition: (Gradation Mixture):	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	E Surface

Location(s):	Hot-Mix Asphalt Shoulders (Top Lift) and Incidental Hot-Mix Asphalt Surfacing (Median Crossovers)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG:	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition: (Gradation Mixture):	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	C Surface

Location(s):	Hot-Mix Asphalt Binder Course (Top Lift)
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder Course, N105, IL-19.0
AC/PG:	SBS PG76-22
RAP% (Max):	0
Design Air Voids:	4.0%, 105 Gyration Design
Mixture Composition: (Gradation Mixture):	IL-19.0
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Binder Course (Lower Lifts), Hot-Mix Asphalt Shoulders (Lower Lifts), and Shoulder Replacement
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture):	IL-19.0
Friction Aggregate:	None

COMMITMENTS

NONE

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND MIX DESIGN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\mtdot\stoverpg\8289789\782	stoverpg	DRAWN -	REVISED -			57	(77-1,91-4,91-4-1,91-3R-1	UNION/PULASKI	39	4	
		CHECKED -	REVISED -			CONTRACT NO. 78289					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____					

Rubblization Pavement and Subsurface Investigation

Section (77-1, 91-4, 91-4-1, 91-3)R-1

Contract 78289

Station	Location				Thickness, In.			Subbase condition			Subgrade IBV					Soil Information						
	PS	PL	DL	DS	AC Overlay	PCC	Subbase	Sound	SI Deter	Deter	0-6"	6-12"	12-18"	18-24"	24-30"	Classification	Sand	Silt	Clay	LL	PI	% H ₂ O
32+50		X			3 3/4	10	4	AGG			7.0	21.0	23.0	17.0								
" "	X				6 1/4		8	AGG			5.5	29.0	21.0	20.0								
22+50			X		3 1/2	9 3/4	4	AGG			17.0	20.0	20.0	17.0								
" "				X	5 1/2		8	AGG			17.0	17.0	12.0	14.0								
12+50		X			3	10	4	AGG			21.0	17.0	17.0	16.0								
" "	X				6		8	AGG			18.0	29.0	20.0	27.0								
2+50			X		3 1/4	10 1/4	4	AGG			17.0	14.0	18.0	21.0								
" "				X	5 3/4		8	AGG			16.0	10.0	18.0	27.0								
3136+00		X			3	9 1/2	4	AGG			5.5	17.0	16.0	14.0								
" "	X				2 1/4		10	AGG			14.0	12.0	8.5	8.5								
3216+00			X		2 3/4	10 1/4	4	AGG			7.0	7.0	8.5	7.0								
" "				X	3 1/4		8	AGG			10.0	4.0	4.0	12.0								
3116+00		X			3 1/4	9 3/4	4	AGG			18.0	8.5	8.5	7.0								
" "	X				2 1/2		10	AGG			8.5	7.0	12.0	7.0								
3106+00			X		2 1/4	10 1/4	4	AGG			14.0	14.0	17.0	27.0								
" "				X	3		8	AGG			10.0	17.0	30.0									
3096+00		X			3 1/4	9 3/4	4	AGG			12.0	14.0	16.0	18.0	SICL A-6(13)	6	70	21	33.6	13.6	20	
" "	X				3 1/4		10	AGG			10.0	16.0	20.0	20.0								
3086+00			X		2 1/2	10 1/4	4	AGG			12.0	10.0	12.0	14.0								
" "				X	4 1/4		8	AGG			14.0	17.0	20.0	17.0								
3075+00		X			2 3/4	10 1/2	4	AGG			8.5	18.0	23.0	17.0								
" "	X				3 3/4		10	AGG			18.0	20.0	27.0	23.0								
3066+00			X		3 1/2	10	4	AGG			5.5	7.0	7.0	8.5								
" "				X	4 1/4		8	AGG			8.5	7.0	10.0	12.0								
3056+00		X			3 1/4	9 3/4	4	AGG			7.0	5.5	10.0	10.0								
" "	X				7 1/4		8	AGG			16.0	12.0	14.0	12.0								
3046+00			X		2 1/2	9 3/4	4	AGG			4.0	8.5	10.0	14.0	SICL A7-6(22)	6	62	29	41.3	22.0	23	
" "				X	3		8	AGG			10.0	16.0	12.0	8.5								
3036+00		X			3 3/4	9 3/4	4	AGG			30.0	30.0			SAL A-4(0)	51	25	15	20.1	3.8	8	
" "	X				3 3/4		10	AGG			30.0	30.0										
3026+00			X		3 1/2	9 3/4	4	AGG			23.0	30.0										
" "				X	4 3/4		8	AGG			17.0	30.0	30.0									
3015+00		X			6 1/2	10 1/2	4	AGG			16.0	7.0	8.5	8.5								
" "	X				15		6	AGG			10.0	7.0	8.5	10.0								
3006+00			X		4 1/4	9 3/4	4	AGG			14.0	17.0	12.0	16.0								
" "				X	4 1/2		8	AGG			17.0	16.0	17.0	20.0								
2996+00		X			3	10	4	AGG			30.0	30.0	30.0									
" "	X				7 3/4		8	AGG			14.0	30.0	30.0									
2986+00			X		4	9	4	AGG			5.5	8.5	16.0	17.0								
" "				X	2 1/2		8	AGG			8.5	10.0	14.0	17.0								
2976+00		X			3 1/4	9 3/4	4	AGG			4.0	20.0	10.0	12.0								
" "	X				3 3/4		10	AGG			4.0	4.0	20.0	30.0								
2966+00			X		3	10 1/4	4	AGG			4.0	4.0	10.0	14.0								
" "				X	4 1/2		8	AGG			14.0	7.0	14.0	16.0								
2956+00		X			3	9 1/2	4	AGG			8.5	16.0	21.0	18.0								
" "	X				4 1/4		10	AGG			12.0	12.0	20.0	23.0								
2946+00			X		3 1/4	9 3/4	4	AGG			5.5	5.5	7.0	8.5								
" "				X	4		8	AGG			10.0	7.0	8.5	17.0								
2936+00		X			3	10	4	AGG			12.0	7.0	5.5	10.0								
" "	X				3 3/4		10	AGG			14.0	30.0	23.0	20.0								

FOR INFORMATION ONLY - THE ABOVE DATA IS INDICATIVE OF CONDITIONS AT THE BORING LOCATION AND CONDITIONS IN BETWEEN BORINGS WILL VARY. A SUBGRADE IBV OF 6 OR LESS MAY INDICATE LOCATIONS WHERE REMEDIAL TREATMENTS WILL BE NEEDED IN ACCORDANCE WITH THE RUBBLIZING PCC PAVEMENT SPECIAL PROVISION.

FILE NAME *	USER NAME # Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RUBBLIZATION PAVEMENT AND SUBSURFACE INVESTIGATION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pudot\stoverpg\82897891787	stoverpg_index.dgn	DRAWN -	REVISED -			57	(77-1,91-4,91-4-1,91-3)R-1	UNION/PULASKI	39	5	
PLOT SCALE # 1/8"=1'-0"		CHECKED -	REVISED -			SCALE: _____ SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____		CONTRACT NO. 78289	
PLOT DATE # 8/15/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

CROSS ROAD PIPES AND ESTIMATED FILL HEIGHT

STATION	ESTIMATED FILL (FT)	DESCRIPTION
UNION COUNTY		
2965+00	2.6	SN 091-2021
2977+24		24" RCCP
2984+40	26'	SN 091-7065
2987+16	10+'	36" RCCP
3001+00	7'	SN 091-7064
3008+32		36" RCCP
3017+00	10+'	24" RCCP
3023+00	10+'	42" RCCP
3041+50		24" RCCP
3043+20	10+'	36" RCCP
3053+25		36" RCCP
3056+15		36" RCCP
3066+87	10+'	42" RCCP
3080+30	10+'	36" RCCP
3086+75	10+'	48" RCCP
3094+33	9'	36" RCCP
3100+98	10+'	18" RCCP
3106+62	10+'	36" RCCP
3119+37	10+'	36" RCCP
3130+00	5.8'	SN 091-2020
3136+20		48" RCCP
PULASKI COUNTY		
0+06	2.5'	36" RCCP
4+32	3.5'	42" RCCP
15+69	4'	54" RCCP
20+26	10+'	36" RCCP
26+28	10+'	36" RCCP
41+35		24" RCCP
51+49		42" RCCP
60+00	7'	36" RCCP

FILL WAS ESTIMATED FROM THE TOP OF PIPE TO TOP OF EXISTING PAVEMENT
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY FIELD CONDITIONS.
 THE TABLE ABOVE INCLUDES ALL KNOWN PIPE CULVERTS. IF ADDITIONAL
 STRUCTURES EXIST, NO PLAN INFORMATION IS AVAILABLE.

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNION COUNTY	PULASKI COUNTY
				ROADWAY RURAL 90% FEDERAL ; 10% STATE	
CONSTRUCTION TYPE CODE				0004	
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	534	406	128
X0323388	TRAFFIC COUNTER	EACH	1		1
X6311217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)	EACH	2	2	
X6330900	VERTICAL ADJUSTMENT OF GUARDRAIL	FOOT	3,375	3,375	
Z0034105	MATERIAL TRANSFER DEVICE	TON	45,474	34,355	11,119
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	53,845	40,509	13,336
Z0055605	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	SQ YD	63,994	46,954	17,040
* 25000200	SEEDING, CLASS 2	ACRE	1.7	1.1	0.6
* 25000350	SEEDING, CLASS 7	ACRE	1.7	1.1	0.6
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	306	198	108
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	153	99	54
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	153	99	54
* 25100115	MULCH, METHOD 2	ACRE	3.4	2.2	1.2
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	3.4	2.2	1.2
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	170	110	60
28100207	STONE RIPRAP, CLASS A4	TON	1,253	835	418
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	11,285	8,536	2,749
40600115	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	GALLON	20,463	15,750	4,713
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	10	7.6	2.4
40600895	CONSTRUCTING TEST STRIP	EACH	3	3	
40600982	HOT-MIX SURFACE REMOVAL - BUTT JOINT ASPHALT	SQ YD	1,371	1,202	169
40600990	TEMPORARY RAMP	SQ YD	77	77	
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	32,650	24,376	8,274
40603245	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N105	TON	9,407	7,217	2,190
40603575	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105	TON	8,615	6,645	1,970
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	56	56	

*SPECIALTY
ITEM

26 73

FILE NAME =	USER NAME = Stovarrpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
of\p\work\p\p\stovarrpg\48289789\70239-shb\tp\sch.dgn		DRAWN -	REVISED -			57	(17-1,91-4,91-4-1,91-3)R-1	UNION/PULASKI	39	7
PLOT SCALE = 1/8" = 100' / in.		CHECKED -	REVISED -		SCALE: _____					
PLOT DATE = 6/16/2012		DATE -	REVISED -		SHEET NO. ___ OF ___ SHEETS					
					STA. _____ TO STA. _____					
										CONTRACT NO. 78289
										[ILLINOIS] FED. AID PROJECT

SUMMARY OF QUANTITIES (CONT)

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNION COUNTY	PULASKI COUNTY
				ROADWAY RURAL 90% FEDERAL ; 10% STATE	
CONSTRUCTION TYPE CODE				0004	
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	112	112	
44000156	HOT MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQYD	848	848	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	934	934	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	66,714	49,674	17,040
44004250	PAVED SHOULDER REMOVAL	SQ YD	11,414	8,480	2,934
44201019	CLASS B PATCHES, TYPE II, 14 INCH	SQ YD	369	321	48
44201025	CLASS B PATCHES, TYPE IV, 14 INCH	SQ YD	80	80	
44201299	DOWEL BARS 1 1/2"	EACH	558	486	72
44213100	PAVEMENT FABRIC	SQ YD	80	80	0
44213200	SAW CUTS	FOOT	2,631	2,307	324
44213204	TIE BARS 3/4"	EACH	553	481	72
48203100	HOT-MIX ASPHALT SHOULDERS	TON	19,508	14,691	4,817
50102400	CONCRETE REMOVAL	CU YD	0.2	0.2	
50104400	CONCRETE HEADWALL REMOVAL	EACH	77	69	8
50300255	CONCRETE SUPERSTRUCTURE	CU YD	0.7	0.7	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	130	60	70
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	108	80	28
60100072	SHOULDER REMOVAL AND REPLACEMENT 5"	FOOT	20,883	20,283	6,600
60107600	PIPE UNDERDRAINS 4"	FOOT	52,536	39,336	13,200
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	2,214	1,640	574
60260100	INLETS TO BE ADJUSTED	EACH	1	1	
60600605	CONCRETE CURB, TYPE B	FOOT	39	39	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	10,138	9,925	213
* 63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	75	75	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6	5	1
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1	
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1	1	

* SPECIALTY
ITEM

3/18/12

SUMMARY OF QUANTITIES (CONT)

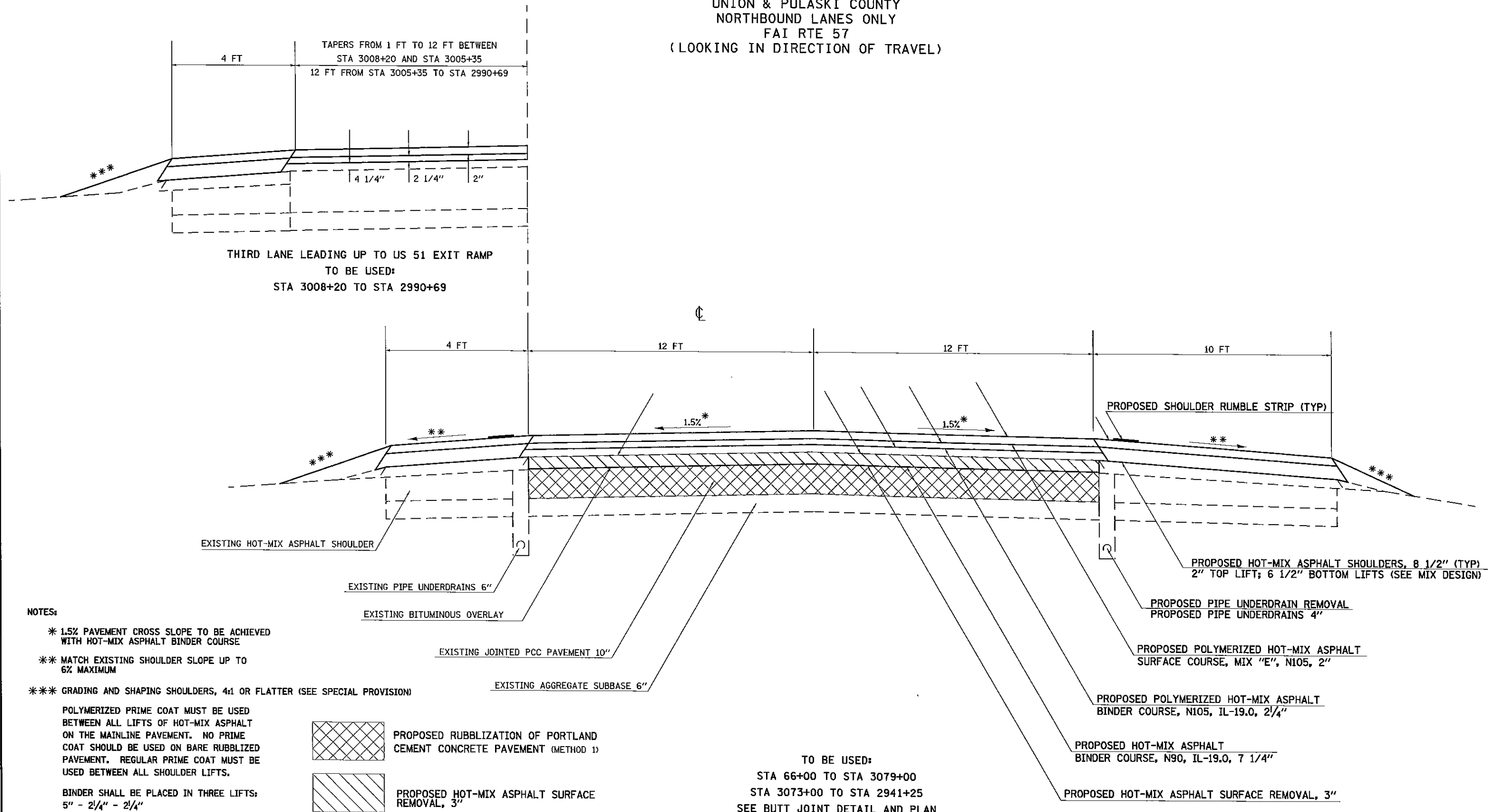
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNION COUNTY		PULASKI COUNTY	
				ROADWAY RURAL 90% FEDERAL ; 10% STATE 0004			
CONSTRUCTION TYPE CODE							
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	11	10		1	
63200310	GUARDRAIL REMOVAL	FOOT	9,190	8,908		282	
63500105	DELINEATORS	EACH	102	85		17	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	56,987	43,787		13,200	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9		0	
67100100	MOBILIZATION	L SUM	1	0.8		0.2	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	0.8		0.2	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.8		0.2	
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	0.8		0.2	
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	0.8		0.2	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	153	116		37	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	13.5	10.25		3.25	
* 72000100	SIGN PANEL • TYPE 1	SQ FT	58	58			
* 72700100	STRUCTURAL STEEL SIGN SUPPORT • BREAKAWAY	POUND	435			435	
73400100	CONCRETE FOUNDATIONS	CU YD	1.4			1.4	
* 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B • LETTERS AND SYMBOLS	SQ FT	88	88			
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B • LINE 4"	FOOT	57,976	44,776		13,200	
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B • LINE 6"	FOOT	8,476	6,826		1,650	
* 78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B • LINE 8"	FOOT	205	205			
* 78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B • LINE 12"	FOOT	352	352			
* 78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B LINE 24"	FOOT	60	60			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	421	338		83	
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	157	152		5	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	11	10		1	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	421	338		83	

* SPECIALTY
ITEM

TYPICAL SECTION #1

MILL AND RUBBLIZE

UNION & PULASKI COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



NOTES:

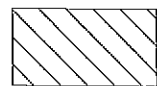
- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH HOT-MIX ASPHALT BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM
- *** GRADING AND SHAPING SHOULDERS, 4:1 OR FLATTER (SEE SPECIAL PROVISION)

POLYMERIZED PRIME COAT MUST BE USED BETWEEN ALL LIFTS OF HOT-MIX ASPHALT ON THE MAINLINE PAVEMENT. NO PRIME COAT SHOULD BE USED ON BARE RUBBLIZED PAVEMENT. REGULAR PRIME COAT MUST BE USED BETWEEN ALL SHOULDER LIFTS.

BINDER SHALL BE PLACED IN THREE LIFTS; 5" - 2 1/4" - 2 1/4"



PROPOSED RUBBLIZATION OF PORTLAND CEMENT CONCRETE PAVEMENT (METHOD 1)



PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3"

TO BE USED:
STA 66+00 TO STA 3079+00
STA 3073+00 TO STA 2941+25
SEE BUTT JOINT DETAIL AND PLAN
SHEETS FOR TAPER AREAS TO BE EXCLUDED

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -
ca\pva\work\pva\dot\stoverpg\02269789\78239-shib-tpa-sch.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 8/16/2012		DATE -	REVISED -

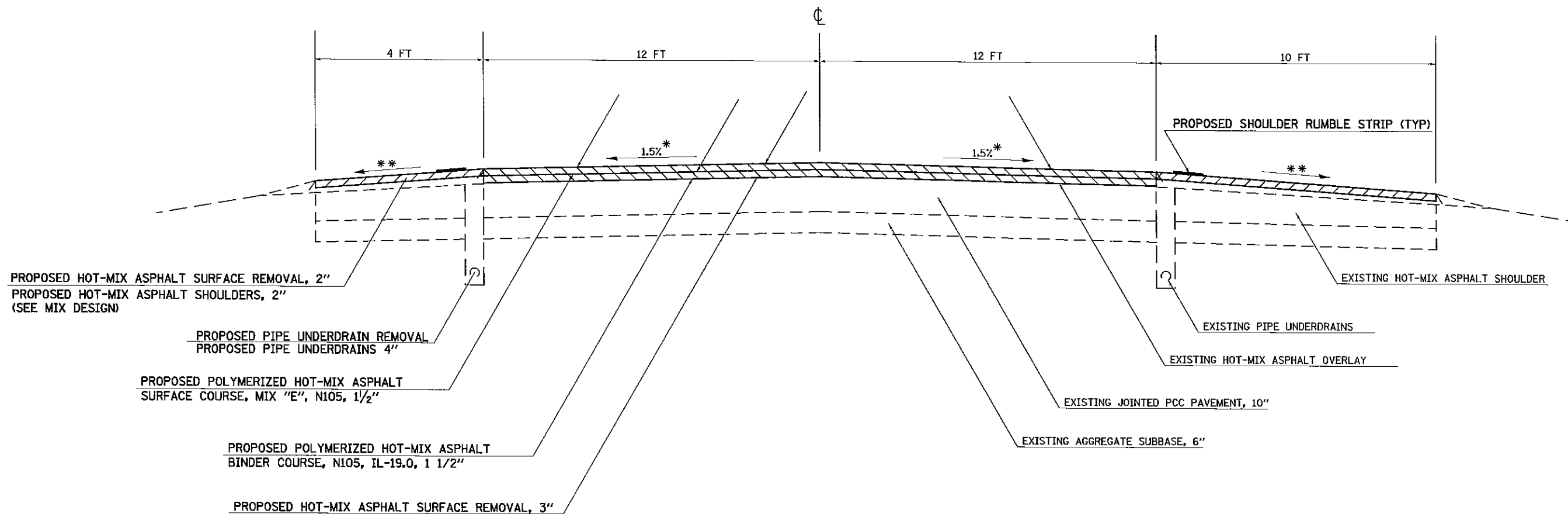
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION	
SCALE: _____	SHEET NO. _____ OF _____ SHEETS
STA. 66+00 TO STA. 2941+25	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(77-1,91-4,91-4-1,91-3)R-1	UNION/PULASKI	39	10
CONTRACT NO. 78289				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION #2 INLAY UNDER OVERPASS SN 091-0046

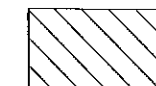
UNION & PULASKI COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



TO BE USED:
STA 3079+00 TO STA 3073+00

NOTES:

- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH HOT-MIX ASPHALT BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM.

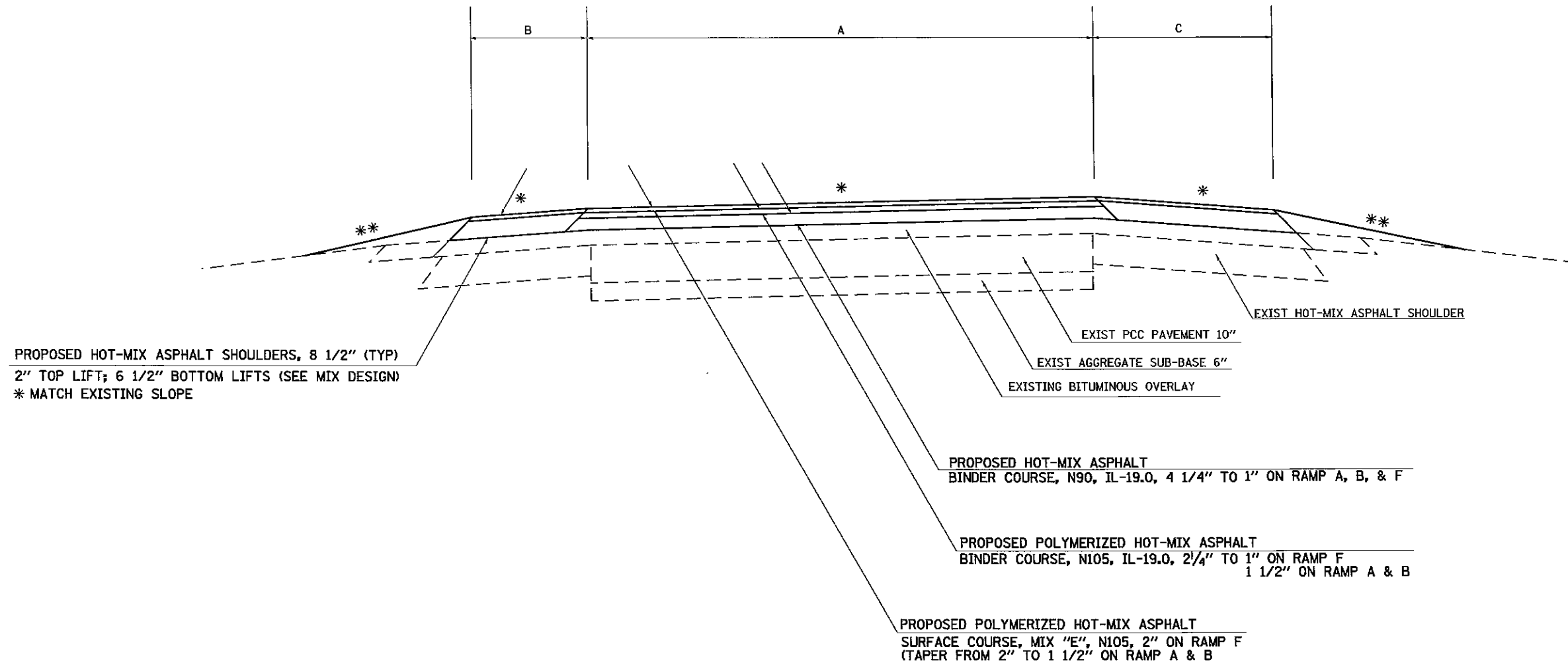


PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3"

FILE NAME =	USER NAME = Stover.pg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION	F.A.I. RTE: 57	SECTION: (77-1,91-4,91-4-1,91-3)R-1	COUNTY: UNION/PULASKI	TOTAL SHEETS: 39	SHEET NO.: 11
PLOT SCALE = 100.0000 ' / in. PLOT DATE = 9/16/2012						SCALE: _____ SHEET NO. ___ OF ___ SHEETS		STA. 3079+00 TO STA. 3073+00		
						ILLINOIS FED. AID PROJECT CONTRACT NO. 7B289				

TYPICAL SECTION #3 ENTRANCE & EXIT RAMPS

UNION & PULASKI COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



NOTES:

- * MATCH EXISTING SLOPE
- ** GRADING AND SHAPING SHOULDERS, 4:1 OR FLATTER (SEE SPECIAL PROVISION)

TO BE USED:
RAMP A - DONGOLA ENTRANCE RAMP
RAMP B - DONGOLA EXIT RAMP
RAMP F - EXIT RAMP ONTO US 51

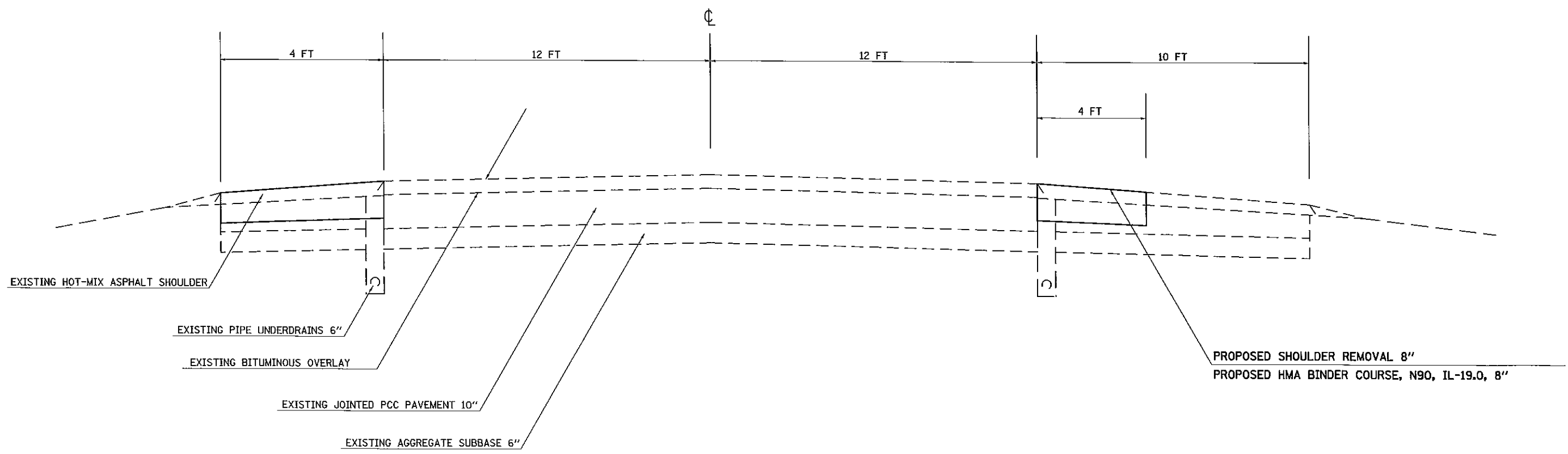
	A	B	C
RAMP A	14'	4'	8'
RAMP B	14'	4'	8'
RAMP F	14'	4'	6'

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION	F.A.I. RTE. 57	SECTION (77-1,91-4,91-4-1,91-3)R-1	COUNTY UNION/PULASKI	TOTAL SHEETS 39	SHEET NO. 12
CONTRACT NO. 78289	ILLINOIS FED. AID PROJECT									

STAGING TYPICAL SECTION A

MILL AND RUBBLIZE DRIVING LANE CONSTRUCTION

UNION & PULASKI COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



PROPOSED SHOULDER REMOVAL 8"
PROPOSED HMA BINDER COURSE, N90, IL-19.0, 8"

TO BE USED:
OUTSIDE SHOULDER:
STA 2941+25 TO STA 2994+57
STA 3003+00 TO STA 3011+94
STA 3015+92 TO STA 3020+30
INSIDE SHOULDER:
STA 3018+02 TO STA 3039+37
STA 3040+83 TO STA 66+00

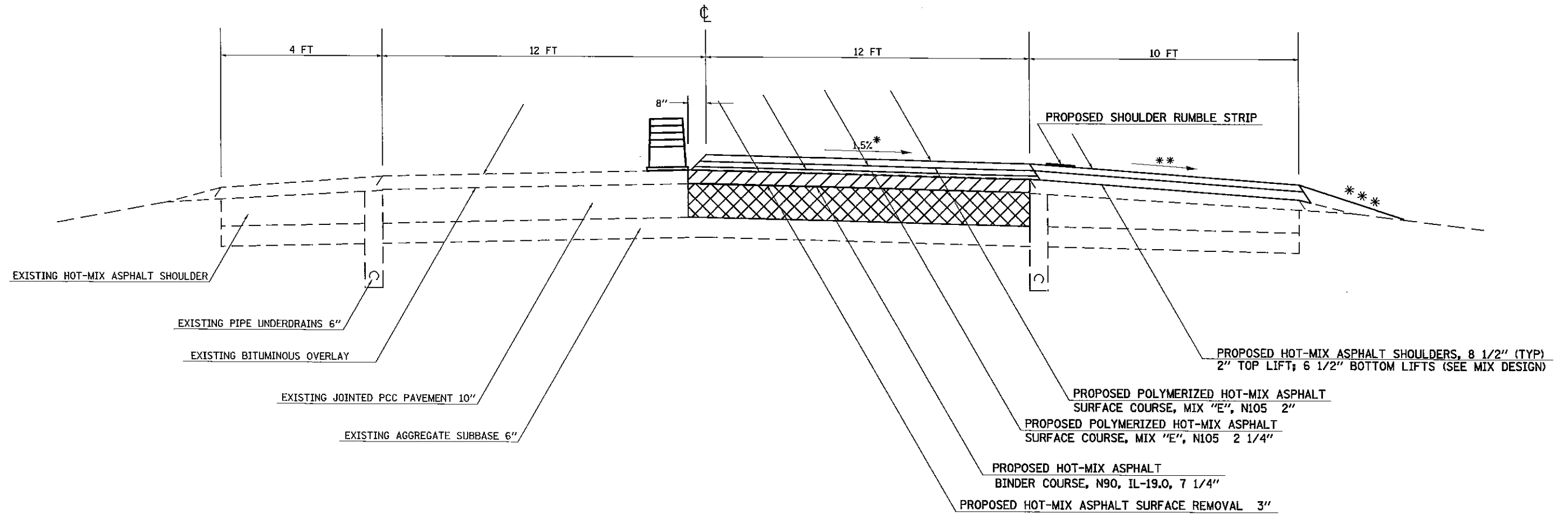
NOTE: IF THE EXISTING SHOULDER IS REMOVED WITH A MILLING MACHINE, THE MILLED MATERIAL MAY BE DEPOSITED ON THE FORESLOPES AND GRADED IN ACCORDANCE WITH THE "GRADING AND SHAPING SHOULDERS" SPECIAL PROVISION. NO ADDITIONAL COMPENSATION WILL BE PROVIDED IF THE CONTRACTOR CHOOSES THIS OPTION.

FILE NAME =	USER NAME = Stover.pg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING TYPICAL SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd\pse_work\pse\stoverpg\cd02897091\782	99-shrb-tp-sch.dgn	DRAWN -	REVISED -			57	(77-1,91-4,91-4-1,91-3R-1	UNION/PULASKI	39	13	
PLOT SCALE = 1/8" = 100.0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 78289					
PLOT DATE = 8/15/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

STAGING TYPICAL SECTION B

MILL AND RUBBLIZE DRIVING LANE CONSTRUCTION

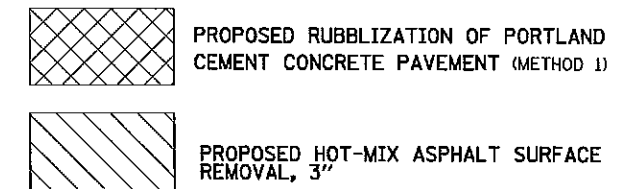
UNION & PULASKI COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



NOTES:

- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH HOT-MIX ASPHALT BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM.
- *** GRADING AND SHAPING SHOULDERS, 4:1 OR FLATTER (SEE SPECIAL PROVISION)

TO BE USED:
STA 66+00 TO STA 3079+00
STA 3073+00 TO STA 2941+25
SEE BUTT JOINT DETAIL AND PLAN
SHEETS FOR TAPER AREAS TO BE EXCLUDED



FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING TYPICAL SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd:\pvc\work\pindot\stoverpg\d0289709\78239-ah1b-tpj-sch.dgn	PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -			57	(77-1,91-4,91-4-1,91-31R-1)	UNION/PULASKI	39	14	
PLOT DATE = 8/16/2012	DATE -	CHECKED -	REVISED -			SCALE: _____ SHEET NO. ___ OF ___ SHEETS		STA. 66+00 TO STA. 2941+25		CONTRACT NO. 78289	
ILLINOIS FED. AID PROJECT											

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	PERFORMED PAVEMENT MARKING								REMARKS	
	LINE 6"	LINE 6"	LINE 4"		LINE 8"	LINE 12"	LINE 24"	LETTERS & SYMBOLS		
	SOLID WHITE FOOT	SKIP DASH WHITE FOOT	SOLID WHITE FOOT	SOLID YELLOW FOOT	SOLID WHITE FOOT	SOLID WHITE FOOT	SOLID WHITE FOOT	SQ FOOT		
NORTHBOUND										
UNION COUNTY										
2941+25 TO 2982+27		1026	4102	4102						
2982+27 TO 2990+44	1366	205	1416	620		352				
2990+44 TO 2994+56		206	412	412						
2994+56 TO 3003+00		582	1042	1049	205			46.7	ONLY; LT TURN ARROW; EXIT TO; US 51; STRAIGHT ARROW	
3003+00 TO 3008+37		194	537	537				41.3		
3008+37 TO 3011+95		90	358	358						
3011+95 TO 3015+92	GAP SN 091-0004									
3015+92 TO 3020+14		106	422	422						
3020+14 TO 3025+13		125	817	704						
3025+13 TO 3026+41 BK =		32	128	128						
3026+29 AH TO 3039+37		327	1308	1308						
3039+37 TO 3040+83	GAP SN 091-0001									
3040+83 TO 3143+51 BK =		2567	10268	10268						
RAMP A			806	806						
RAMP B			1223	1223			60			
UNION COUNTY SUBTOTALS	1366	5460	22839	21937	205	352	60	88		
PULASKI COUNTY										
0+00 AH TO 66+00.0		1650	6600	6600						
PULASKI COUNTY SUBTOTALS	0	1650	6600	6600	0	0	0	0		
TOTALS	1,366	7,110	29,439	28,537	205	352	60	88		
	8,476		57,976							

NOTE: ALL LETTERS ARE THE 8' SIZE AND ALL SYMBOLS ARE THE LARGE SIZE.

GUARDRAIL SCHEDULE

LOCATION STATION TO STATION	LT/RT	GUARDRAIL REMOVAL FOOT	SPBGR TYPE A FOOT	SPBGR TYPE B FOOT	TRAFFIC BARRIER TERMINAL						GUARDRAIL MARKERS EACH	VERTICAL ADJUSTMENT FOOT	TERMINAL MARKERS-DA EACH	CONC CURB, TYPE B FOOT
					TY 1, SPL (TAN)	TYPE 2	TYPE 5	TYPE 6	TYPE 6B (SP)	TYPE 6B				
					EACH	EACH	EACH	EACH	EACH	EACH				
NORTHBOUND														
UNION COUNTY														
2957+42.50 TO 2957+55.00	RT					1					1			
2957+55.00 TO 2964+80.00	RT		725.00								10			
2964+80.00 TO 2965+17.50	RT			37.50							1			
2965+17.50 TO 2971+42.50	RT		625.00								8			
2971+42.50 TO 2971+92.50	RT				1						1	1		
2957+74.00 TO 2969+45.00	RT	1171.00												
2964+74.00 TO 2964+86.50	LT					1					1			
2964+86.50 TO 2964+99.00	LT		12.50								1			
2964+99.00 TO 2965+36.50	LT			37.50							1			
2965+36.50 TO 2970+74.00	LT		537.50								7			
2970+74.00 TO 2971+24.00	LT				1						1	1		
2964+74.00 TO 2969+44.00	LT	470.00												
2989+47.00 TO 2994+61.00	RT											514		
2989+47.00 TO 2994+11.00	LT											464		
3005+03.00 TO 3012+42.00	RT											739		
3015+46.00 TO 3015+89.75	LT							1			1		38.8*	
3015+89.75 TO 3017+89.75	LT		200.00								3			
3017+89.75 TO 3018+39.75	LT				1						1	1		
3015+46.00 TO 3018+49.00	LT	303.00												
3015+77.00 TO 3026+29.00	RT											1052		
3019+60.00 TO 3025+66.00	LT											606.00		
3040+72.00 TO 3042+42.00	RT	170.00												
3040+81.00 TO 3044+45.00	LT	364.00												
3040+79.00 TO 3041+34.65	RT								1		1			
3041+34.65 TO 3043+34.65	RT		200.00								3			
3043+34.65 TO 3043+84.65	RT				1						1	1		
3041+03.00 TO 3041+58.65	LT								1		1			
3041+58.65 TO 3044+33.65	LT		275.00								4			
3044+33.65 TO 3044+83.65	LT				1						1	1		

GUARDRAIL SCHEDULE (CONT)

LOCATION STATION TO STATION	LT/RT	GUARDRAIL REMOVAL FOOT	SPBGR TYPE A FOOT	SPBGR TYPE B FOOT	TRAFFIC BARRIER TERMINAL						GUARDRAIL MARKERS EACH	VERTICAL ADJUSTMENT FOOT	TERMINAL MARKERS-DA EACH	CONC CURB, TYPE B FOOT
					TY 1, SPL (TAN) EACH	TYPE 2 EACH	TYPE 5 EACH	TYPE 6 EACH	TYPE 6B (SP) EACH	TYPE 6B EACH				
NORTHBOUND														
3051+44.00 TO 3075+84.00	LT	2440.00												
3054+32.22 TO 3054+44.72	LT					1					1			
3054+44.72 TO 3075+69.72	LT		2125.00								27			
3075+69.72 TO 3075+84.39	LT						1				1			
3076+15.00 TO 3090+77.00	LT	1462.00												
3076+02.50 TO 3076+58.15	LT									1	1			
3076+58.15 TO 3100+70.65	LT		2412.50								31			
3100+70.65 TO 3101+20.65	LT				1						1		1	
3104+28.00 TO 3113+22.00	LT	894.00												
3105+28.50 TO 3105+41.00	LT					1					1			
3105+41.00 TO 3122+03.50	LT		1662.50								21			
3122+03.50 TO 3122+53.50	LT				1						1		1	
3117+58.00 TO 3121+43.00	LT	385.00												
3126+32.50 TO 3126+45.00	LT						1				1			
3126+45.00 TO 3137+95.00	LT		1150.00								15			
3137+95.00 TO 3138+45.00	LT				1						1		1	
3127+26.00 TO 3139+00.00	LT	1174.00												
RAMP B	LT	37.50			1						1		1	
RAMP B	RT	37.50			1						1		1	
SUBTOTAL (UNION COUNTY)		8908	9925	75	10	5	1	1	2	1	152	3375	10	39
PULASKI COUNTY														
4+09.00 TO 6+91.00	LT	282.00												
4+10.50 TO 4+23.00	LT					1					1			
4+23.00 TO 6+35.50	LT		212.50								3			
6+35.50 TO 6+85.50	LT				1						1		1	
SUBTOTAL (PULASKI COUNTY)		282	213	0	1	1	0	0	0	0	5	0	1	0
TOTAL		9190	10138	75	11	6	1	1	2	1	157	3375	11	39

ANY WIDENING NECESSARY TO CONSTRUCT THE TYPE 1, SPECIAL (TANGENT) GUARDRAIL TERMINAL SHALL BE INCLUDED IN THE COST OF TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT.

*CONSTRUCT 39' CONCRETE CURB, TYPE B AT SN 091-0004 (SOUTHEAST WING) IN ACCORDANCE WITH STANDARD 631031.

DELINEATOR/ RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

LOCATION STATION TO STATION	LENGTH	DELINEATORS	RAISED REFLECTIVE PAVEMENT MARKERS
UNION COUNTY	FEET	EACH	EACH
2941+25.0 TO 3011+94.4	7069.38	18	89
3015+92.1 TO 3026+40.7	1048.63	3	14
3026+28.8 TO 3039+36.8	1307.96	4	17
3040+82.5 TO 3143+51.0	10268.50	26	129
CROSSOVER STA 3055+75		2	
CROSSOVER STA 3119+70		2	
RAMP F		5	56
RAMP A		10	28
RAMP B		15	5
UNION COUNTY SUBTOTAL		85	338
PULASKI COUNTY	FEET	EACH	EACH
0+00.0 TO 66+00.0	6600.00	17	83
PULASKI COUNTY SUBTOTAL		17	83
TOTALS		102	421

DELINEATOR REMOVAL SHALL BE INCLUDED IN THE COST OF DELINEATORS.

FILE NAME =	USER NAME = Stoverpg	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DELINEATOR AND RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pwr\work\pwr\dot\stoverpg\d0209709\782	99-ahb-tpj-schdgn	DRAWN - _____	REVISED - _____			57	(77-1,91-4,91-4-1,91-3)R-1	UNION/PULASKI	39	19	
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____	REVISED - _____			SCALE: _____ SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT	
PLOT DATE = 9/19/2012	DATE - _____	REVISED - _____	REVISED - _____			CONTRACT NO. 78289					

RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH	PAVED SHLD REM 8"	HMA SURF REM, 1"	HMA SURF REM, 1 3/4"	HMA SURF REM, 2"	HMA SURF REM, 3"	RUBBLIZE PCC PAVEMENT	HMA BIND CSE, N90, IL-19.0	POLY HMA BIND CSE, N105, IL-19.0	POLY HMA SURF CSE, MIX "E", N105	MATERIAL TRANSFER DEVICE	HMA SHOULDERS	SHLD REM & REPLACE 5"	BIT MATL (PC)	POLY BIT MATL (PC)	HMA SURF REM - BUTT JOINT	TEMP RAMP	SHOULDER RUMBLE STRIP
NORTHBOUND	FEET	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	FOOT	GAL	GAL	SQ YD	SQ YD	FOOT
UNION COUNTY																		
STAGE A																		
2941+25 TO 2994+57 LT	5332.00	2369.8						1,061.7										
3003+00 TO 3011+94 LT	894.00	397.3						178.0										
3015+92 TO 3020+30 LT	438.00	194.7						87.2										
3018+02 TO 3026+41 RT	839.00	372.9						167.1										
3026+29 TO 3039+37 RT	1308.00	581.3						260.4										
3040+83 TO 3143+51 RT	10269.00	4564.0						2,044.7										
5" SHLD REM & REPLACE																		
2941+25 TO 3011+94 RT	7069.00												7069					
3015+92 TO 3018+02 RT	210.00												210					
2994+57 TO 3003+00 LT	843.00												843					
3020+30 TO 3026+41 LT	611.00												611					
3026+29 TO 3039+37 LT	1308.00												1308					
3041+09 TO 3143+51 LT	10242.00												10242					
MAINLINE																		
2941+25 TO 2943+35	210							41.2	42.8	61.2	145.20	84.70		65.1	111.6	168.90		420
2943+25 TO 2981+77	3852.00					10,272.00	10,272.0	4,170.4	1,294.3	1,150.5	6615.17	2852.19		1617.8	2773.44			7704
2981+77 TO 2994+57	1280.00					3,413.33	3,413.3	1,385.8	430.1	382.3	2198.19	676.98		384.0	921.6			1280.00
2994+57 TO 3003+00	843.00					2,248.00	2,248.0	912.7	283.2	251.8	1447.71				606.96			
3003+00 TO 3008+20	520.00					1,386.67	1,386.7	563.0	174.7	155.3	893.01	275.02		156.0	374.4			520.00
3008+20 TO 3009+84.38	164.38					438.35	438.3	178.0	55.2	49.1	282.30	121.71		69.0	118.3536			328.76
3009+84.38 TO 3011+94.38	210.00							41.2	42.8	61.2	145.20	84.70		65.1	111.6	168.9		420.00
GAP SN 091-0004																		
3015+92.05 TO 3018+02.05	210.00							41.2	42.8	61.2	145.20	84.70		65.1	111.6	168.9		420.00
3018+02.05 TO 3020+30	227.95					607.87	607.9	246.8	76.6	68.1	391.47	168.78		95.7	164.124			455.90
3020+30 TO 3025+13	483.00					1,288.00	1,288.0	522.9	162.3	144.3	829.47	102.18		58.0	347.76			483.00
3025+13 TO 3026+40.68	127.69					340.51	340.5	138.2	42.9	38.1	219.29	94.55		53.6	91.9368			255.38
EQUATION STATION																		
3026+28.80 TO 3037+26.76	1097.96					2,927.89	2,927.9	1,188.7	368.9	327.9	1885.56	812.98		461.1	790.5312			2195.92
3037+26.76 TO 3039+36.76	210.00							41.2	42.8	61.2	145.20	84.70		65.1	111.6	168.9		420.00
GAP SN 091-0001																		
3040+82.50 TO 3041+09.50	1003 SQ FT		111.4							4.1	4.06	2.18			10.03			54
3041+09.50 TO 3043+19.50	210							41.2	42.8	61.2	145.20	84.70		65.1	111.6	168.9		420.00
3043+19.50 TO 3070+90.00	2770.50					7,388.00	7,388.0	2,999.5	930.9	827.5	4757.87	2051.40		1163.6	1994.76			5541
3070+90 TO 3073+00	210.00					560.00		99.3	73.2	47.0	219.54	77.80		78.4	134.4			420
3073+00 TO 3079+00	600.00				933.33	1,600.00			134.4	134.4	268.80	104.53		84.0	288			1200
3079+00.00 TO 3081+10.00	210.00					560.00		99.3	73.2	47.0	219.54	77.80		78.4	134.4			420
3081+10 TO 3143+51.00	6241.00					16,642.67	16,642.7	6,756.9	2,097.0	1,864.0	10717.88	4621.11		2621.2	4493.52			12482

RESURFACING SCHEDULE (CONT)

LOCATION STATION TO STATION	LENGTH	PAVED SHLD REM 8"	HMA SURF REM, 1"	HMA SURF REM, 1 3/4"	HMA SURF REM, 2"	HMA SURF REM, 3"	RUBBLIZE PCC PAVEMENT	HMA BIND CSE, N90, IL-19.0	POLY HMA BIND CSE, N105, IL-19.0	POLY HMA SURF CSE, MIX "E", N105	MATERIAL TRANSFER DEVICE	HMA SHOULDERS	SHLD REM & REPLACE 5"	BIT MATL (PC)	POLY BIT MATL (PC)	HMA SURF REM - BUTT JOINT	TEMP RAMP	SHOULDER RUMBLE STRIP
NORTHBOUND	FEET	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	FOOT	GAL	GAL	SQ YD	SQ YD	FOOT
UNION COUNTY (CONT)																		
RAMP F :																		
2986+47.71 TO 3008+19.99	2171.32							666.1	352.6	313.4	1332.15	459.35		260.6	965.6			2171
GORE AREA	9263 SQ FT											489.90		277.9				396
210' TAPER	210.00							24.0	38.1	37.5	99.6	58.0		65.1	65.1	106.6	35.5	420
RAMP A :																		
2994+56.59 TO 3002+99.31	840.00							269.2	138.3	122.9	530.4	444.3		252.0	296.3			840.00
GORE AREA	1433 SQ FT											75.8		43.0				409
3002+99.31 TO INLAT AT BASE OF RAMP	707.00							14.9	86.3	96.4	197.6	169.5		84.8	198.7	115.6	20.7	1414
INLAY AT BASE OF RAMP	2333 SQ FT			260.0														
RAMP B :																		
3020+29.85 TO 3025+13.27	479.00							119.9	63.5	56.4	239.8	253.3		143.7	136			479.00
GORE AREA	721 SQ FT											38.1		21.6				180
3020+29.85 TO INLAT AT BASE OF RAMP	1019.00							14.9	127.1	137.2	279.2	239.4		122.3	286	115.6	20.7	2038
SN 091-0020 INLAY	2063 SQ FT			229.2														
INLAY AT BASE OF RAMP				358.8														
UNION COUNTY SUBTOTALS		8480	112	848	934	49674	46954	24376	7217	6645	34355	14691	20283	8518	15750	1183	77	43787
PULASKI COUNTY																		
STAGE A																		
0+00 TO 66+00 RT	6600.00	2933.3						1,314.1										
5" SHLD REM & REPLACE																		
0+00 TO 66+00 LT RT	6600.00												6600.00					
MAINLINE																		
0+00.00 TO 63+90.00	6390.00					17,040.00	17,040.0	6,918.2	2,147.0	1,908.5	10973.76	4731.44		2683.80	4600.8			12780
63+90.00 TO 66+00.00	210.00							41.2	42.8	61.2	145.20	84.70		65.10	111.6	168.9		420.00
PULASKI COUNTY SUBTOTALS		2934	0	0	0	17040	17040	8274	2190	1970	11119	4817	6600	2749	4713	169	0	13200
PROJECT TOTALS		11414	112	848	934	66714	63,994	32,650	9,407	8,615	45474	19508	26883	11267	20463	1352	77	56987

PAVED DITCH REMOVAL SCHEDULE

LOCATION				ACTUAL LENGTH TO BE BROKEN IN PLACE	STONE RIPRAP, CLASS A3	SEEDING, CLASS 2	SEEDING, CLASS 7
UNION COUNTY		LT/RT	FEET	TON	ACRE	ACRE	
2940+81	TO	2946+10	RT	530.8	294.9	0.37	0.37
2973+07	TO	2973+26	RT	22.2	12.3	0.02	0.02
2979+50	TO	2979+83	RT	32.8	18.2	0.02	0.02
2993+80	TO	2994+35	LT	55.2	30.7	0.04	0.04
3004+06	TO	3006+00	LT	200	111.1	0.14	0.14
3013+09	TO	3019+15	LT	625	347.2	0.43	0.43
3045+69	TO	3046+04	LT	35.6	19.8	0.02	0.02
SUBTOTAL (UNION COUNTY)					835	1.1	1.1
PULASKI COUNTY							
10+66	TO	11+83	LT	115.4	64.1	0.08	0.08
21+80	TO	22+97	LT	116.9	64.9	0.08	0.08
28+88	TO	30+98	LT	210.4	116.9	0.14	0.14
31+99	TO	32+87	RT	89	49.4	0.06	0.06
39+15	TO	40+27	RT	110.9	61.6	0.08	0.08
42+46	TO	43+55	RT	108.5	60.3	0.07	0.07
SUBTOTAL (PULASKI COUNTY)					418	0.6	0.6
PROJECT TOTALS					1253	1.7	1.7

MEDIAN CROSSOVER SCHEDULE

LOCATION STATION	AREA (SQFT)	INCIDENTAL HMA SURFACING*	BITUMINOUS MATERIALS (PRIME COAT)	GRADING AND SHAPING SHOULDERS	HMA SURF REM - BT JT
		TON	GAL	UNIT	SQ YD
UNION COUNTY					
3055+75*	1183	39	12	1	19
3119+70**	622	17	6	1	
TOTALS		56	18	2	19

*INCIDENTAL HMA SURFACING TAPERS FROM 8 1/2" TO 2". AN AVERAGE THICKNESS OF 5 1/4" WAS USED FOR THIS CALCULATION.

**INCIDENTAL HMA SURFACING TAPERS FROM 8 1/2" TO 1/2". AN AVERAGE THICKNESS OF 4 1/2" WAS USED FOR THIS CALCULATION.

PATCHING CALCULATIONS
PAVEMENT PATCHING, 14" - FOR INFORMATION ONLY

LOCATION STRUCTURE	WIDTH FOOT	LENGTH FOOT	AREA SQ FT	AREA SQ YD	TYPE	TOTAL (SQ YD)				DOWEL BARS EACH	TIE BARS EACH	PAVEMENT FABRIC SQ YD	SAW CUTS FOOT
						TY I	TY II	TY III	TY IV				
UNION COUNTY													
NORTH PROJECT LIMIT	12	8	96	10.7	II	10.7				12	12		60
STA 2938+15 TO STA 2941+25	12	6	72	8.0	II	8.0				12	12		54
	12	6	72	8.0	II	8.0				12	12		54
	12	8	96	10.7	II	10.7				12	12		60
	12	6	72	8.0	II	8.0				12	12		54
	12	6	72	8.0	II	8.0				12	12		54
	12	6	72	8.0	II	8.0				12	12		54
US 51 RAMP - NO PATCHES													
STA 3041+09.50 TO STA 3041+39.50 PL	12	30	360	40.0	IV			40.0	12	12	40.0		126
STA 3041+09.50 TO STA 3041+39.50 DL	12	30	360	40.0	IV			40.0	12	12	40.0		126
ENTRANCE RAMP AT DONGOLA	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	21	6	126	14.0	II	14.0			22	21			81
	18	6	108	12.0	II	12.0			18	18			72
	15	6	90	10.0	II	10.0			16	15			63
	12	6	72	8.0	II	8.0			12	12			54
	9	6	54	6.0	II	6.0			10	9			45
EXIT RAMP AT DONGOLA	12	6	72	8.0	II	8.0			12	12			54
	15	6	90	10.0	II	10.0			16	15			63
	16	6	96	10.7	II	10.7			16	16			66
	15	6	90	10.0	II	10.0			16	15			63
UNDER SN 091-0046	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	8	96	10.7	II	10.7			12	12			60
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	10	120	13.3	II	13.3			12	12			66
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	8	96	10.7	II	10.7			12	12			60
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
	12	6	72	8.0	II	8.0			12	12			54
UNION COUNTY TOTALS:						0	321	0	80	486	481	80	2307
PULASKI COUNTY													
SOUTH PROJECT LIMIT	12	6	72	8.0	II	8.0			12.0	12			54
STA 63+90 TO STA 66+00	12	6	72	8.0	II	8.0			12.0	12			54
	12	6	72	8.0	II	8.0			12.0	12			54
	12	6	72	8.0	II	8.0			12.0	12			54
	12	6	72	8.0	II	8.0			12.0	12			54
	12	6	72	8.0	II	8.0			12.0	12			54
PULASKI COUNTY TOTALS:						0	48	0	0	72	72	0	324
PROJECT TOTALS:						0	369	0	80	558	553	80	2631

UNDERDRAIN REMOVAL SCHEDULE

LOCATION		CONCRETE HEADWALL REMOVAL	PIPE UNDERDRAIN REMOVAL
UNION COUNTY		EACH	FOOT
2941+25 TO 3011+94	LT		7069
2941+25 TO 3011+94	RT		7069
3015+92 TO 3039+37	LT		2357
3015+92 TO 3039+37	RT		2357
3041+09 TO 3143+51	LT		10242
3041+09 TO 3143+51	RT		10242
2944+83	LT	1	17
2944+94	RT	1	17
2949+93	LT	1	17
2950+07	RT	1	17
2955+01	RT	1	17
2955+09	LT	1	17
2959+98	LT	1	17
2960+01	RT	1	17
2969+99	LT	1	17
2970+01	RT	1	17
2973+11	RT	1	17
2976+85	RT	1	17
2977+60	LT	1	17
2982+04	RT	1	17
2982+11	LT	1	17
2983+94	RT	1	17
2988+95	LT	1	17
2992+00	RT	1	17
2997+02	LT	1	17
2997+04	RT	1	17
3001+92	LT	1	17
3001+97	RT	1	17
3003+95	LT	1	17
3007+02	LT	1	17

LOCATION		CONCRETE HEADWALL REMOVAL	PIPE UNDERDRAIN REMOVAL
UNION COUNTY (CONT)		EACH	FOOT
3007+07	RT	1	17
3017+14	LT	1	17
3020+04	RT	1	17
3025+25	LT	1	17
3025+27	RT	1	17
3030+05	LT	1	17
3030+06	RT	1	17
3035+08	LT	1	17
3044+58	LT	1	17
3045+00	LT	1	17
3045+00	RT	1	17
3049+99	RT	1	17
3050+00	LT	1	17
3054+98	LT	1	17
3059+98	RT	1	17
3060+00	LT	1	17
3065+00	RT	1	17
3065+02	LT	1	17
3069+98	LT	1	17
3070+00	RT	1	17
3074+97	LT	1	17
3074+99	RT	1	17
3077+00	LT	1	17
3082+06	RT	1	17
3085+01	RT	1	17
3085+02	LT	1	17
3090+65	LT	1	17
3090+67	RT	1	17
3094+03	LT	1	17
3094+11	RT	1	17

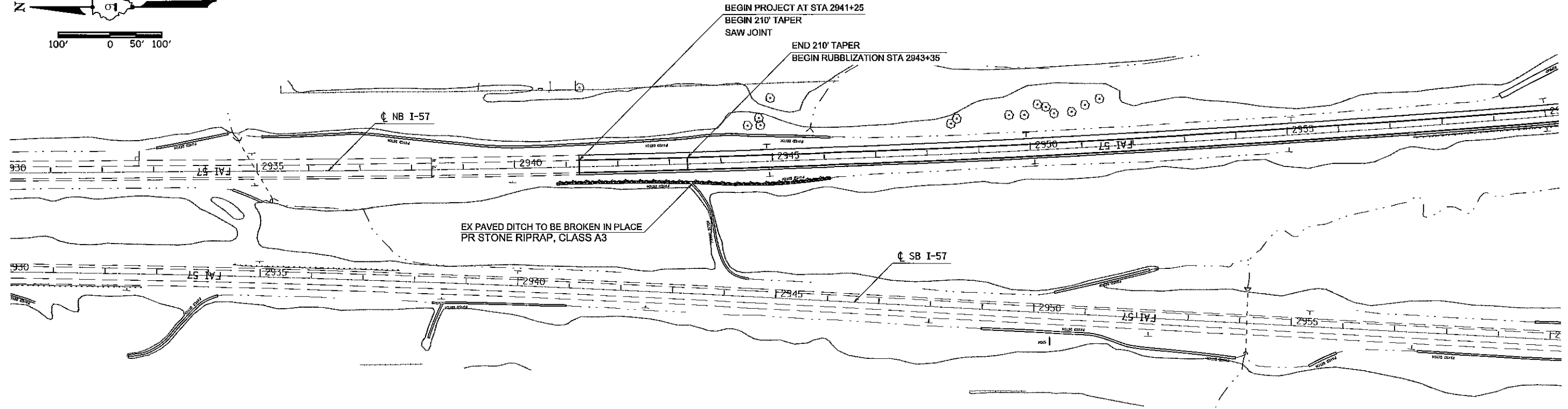
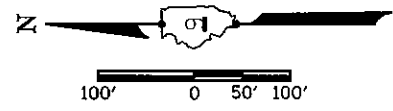
LOCATION		CONCRETE HEADWALL REMOVAL	PIPE UNDERDRAIN REMOVAL
UNION COUNTY (CONT)		EACH	FOOT
3099+37	RT	1	17
3104+96	RT	1	17
3104+98	LT	1	17
3109+96	RT	1	17
3109+96	LT	1	17
3114+92	LT	1	17
3114+94	RT	1	17
3120+08	LT	1	17
3120+08	RT	1	17
3125+09	LT	1	17
3125+09	RT	1	17
3130+24	LT	1	17
3135+08	LT	1	17
3135+12	RT	1	17
3143+08	LT	1	17
SUBTOTAL (UNION CO)		69	40509
PULASKI COUNTY			
0+00 TO 66+00	LT		6600
0+00 TO 66+00	RT		6600
13+93	RT	1	17
14+02	LT	1	17
18+95	LT	1	17
23+98	RT	1	17
28+94	LT	1	17
28+95	RT	1	17
50+08	LT	1	17
50+09	RT	1	17
SUBTOTAL (PULASKI CO)		8	13336
TOTAL		77	53845

UNDERDRAIN SCHEDULE

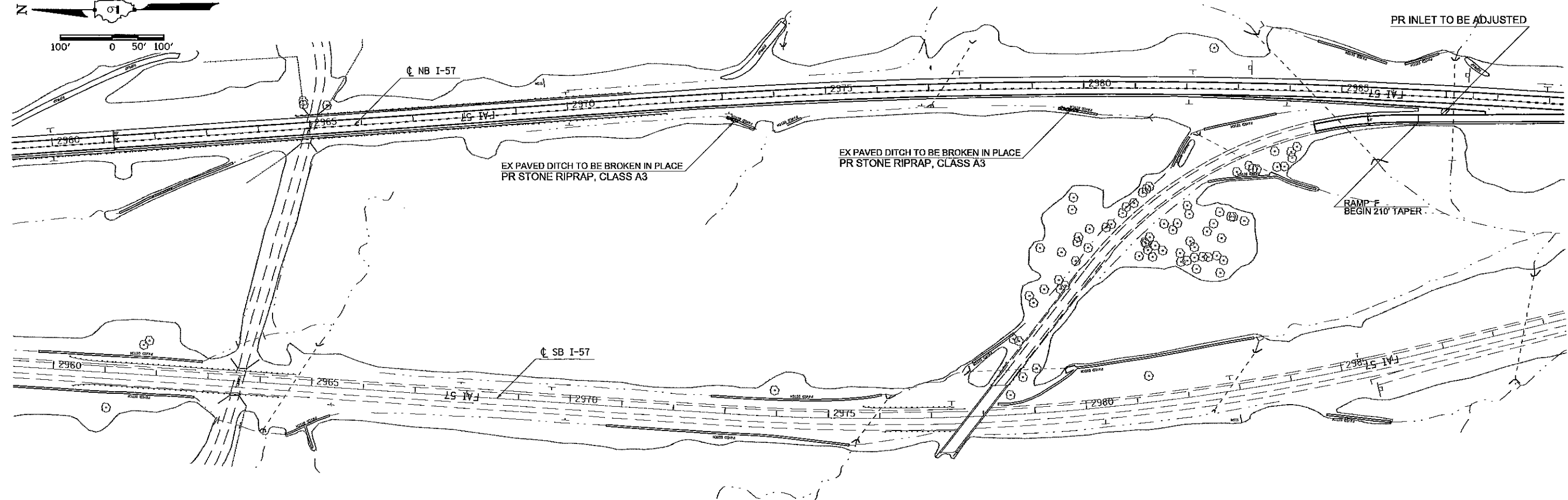
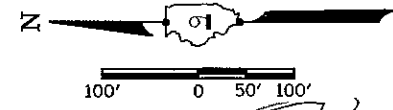
LOCATION		CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDER-DRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)
UNION COUNTY		EACH	FOOT	FOOT
2941+25 TO 3011+94	LT		7069	
2941+25 TO 3011+94	RT		7069	
3015+92 TO 3039+37	LT		2357	
3015+92 TO 3039+37	RT		2357	
3041+09 TO 3143+51	LT		10242	
3041+09 TO 3143+51	RT		10242	
2945+00	LT	1		22
2945+00	RT	1		19
2950+00	LT	1		22
2950+00	RT	1		19
2955+00	LT	1		22
2955+00	RT	1		19
2960+00	LT	1		22
2960+00	RT	1		19
2965+00	LT	1		22
2965+00	RT	1		19
2970+00	LT	1		22
2970+00	RT	1		19
2975+00	LT	1		22
2975+00	RT	1		19
2980+00	LT	1		22
2980+00	RT	1		19
2985+00	LT	1		22
2985+00	RT	1		19
2990+00	LT	1		22
2990+00	RT	1		19
2995+00	LT	1		22
2995+00	RT	1		19
3000+00	LT	1		22
3000+00	RT	1		19
3005+00	LT	1		22
3005+00	RT	1		19
3010+00	LT	1		22
3010+00	RT	1		19
3015+00	LT	1		22
3015+00	RT	1		19
3020+00	LT	1		22
3020+00	RT	1		19
3025+00	LT	1		22
3025+00	RT	1		19

LOCATION		CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDER-DRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)
UNION CO (CONT)		EACH	FOOT	FOOT
3030+00	LT	1		22
3030+00	RT	1		19
3035+00	LT	1		22
3035+00	RT	1		19
3040+00	LT	1		22
3040+00	RT	1		19
3045+00	LT	1		22
3045+00	RT	1		19
3050+00	LT	1		22
3050+00	RT	1		19
3055+00	LT	1		22
3055+00	RT	1		19
3060+00	LT	1		22
3060+00	RT	1		19
3065+00	LT	1		22
3065+00	RT	1		19
3070+00	LT	1		22
3070+00	RT	1		19
3075+00	LT	1		22
3075+00	RT	1		19
3080+00	LT	1		22
3080+00	RT	1		19
3085+00	LT	1		22
3085+00	RT	1		19
3090+00	LT	1		22
3090+00	RT	1		19
3095+00	LT	1		22
3095+00	RT	1		19
3100+00	LT	1		22
3100+00	RT	1		19
3105+00	LT	1		22
3105+00	RT	1		19
3110+00	LT	1		22
3110+00	RT	1		19
3115+00	LT	1		22
3115+00	RT	1		19
3120+00	LT	1		22
3120+00	RT	1		19
3125+00	LT	1		22
3125+00	RT	1		19

LOCATION		CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDER-DRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)
UNION CO (CONT)		EACH	FOOT	FOOT
3130+00	LT	1		22
3130+00	RT	1		19
3135+00	LT	1		22
3135+00	RT	1		19
3140+00	LT	1		22
3140+00	RT	1		19
SUBTOTAL (UNION)		80	39336	1640
PULASKI COUNTY				
0+00 TO 66+00	LT		6600	
0+00 TO 66+00	RT		6600	
0+00	LT	1		22
0+00	RT	1		19
5+00	LT	1		22
5+00	RT	1		19
10+00	LT	1		22
10+00	RT	1		19
15+00	LT	1		22
15+00	RT	1		19
20+00	LT	1		22
20+00	RT	1		19
25+00	LT	1		22
25+00	RT	1		19
30+00	LT	1		22
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35+00	RT	1		19
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40+00	RT	1		19
45+00	LT	1		22
45+00	RT	1		19
50+00	LT	1		22
50+00	RT	1		19
55+00	LT	1		22
55+00	RT	1		19
60+00	LT	1		22
60+00	RT	1		19
65+00	LT	1		22
65+00	RT	1		19
SUBTOTAL (PULASKI)		28	13200	574
TOTAL		108	52536	2214



FOR ALL GUARDRAIL IMPROVEMENT, SEE GUARDRAIL SCHEDULE



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 PLOT DATE = 8/16/2012

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

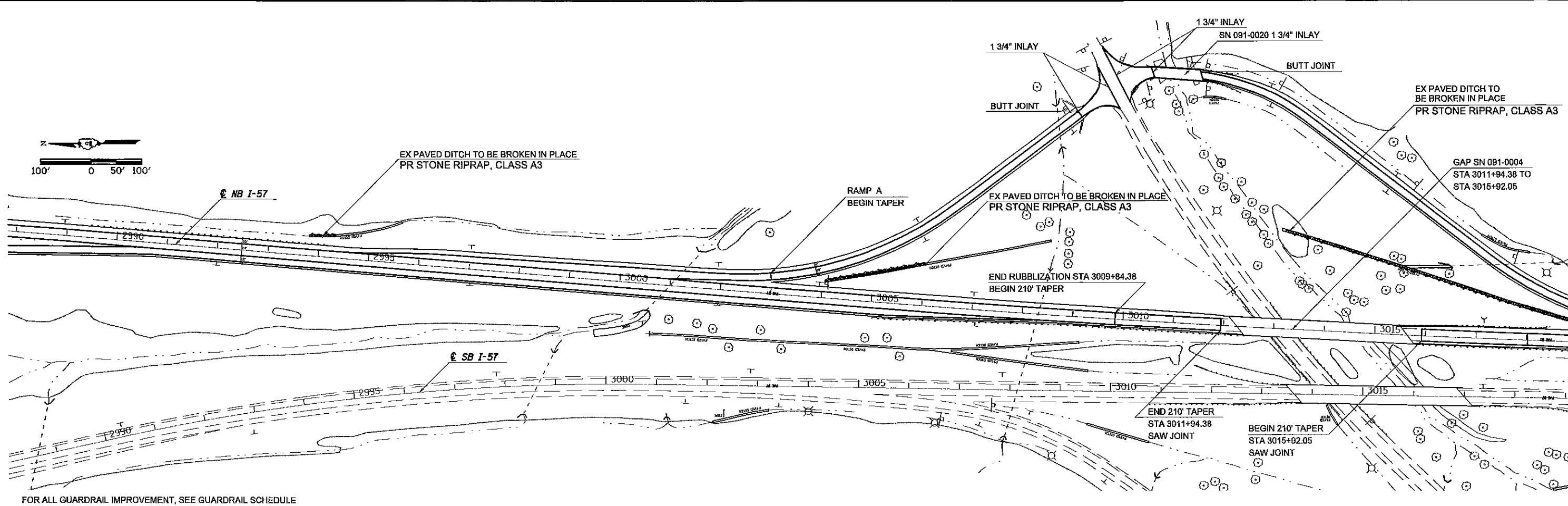
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

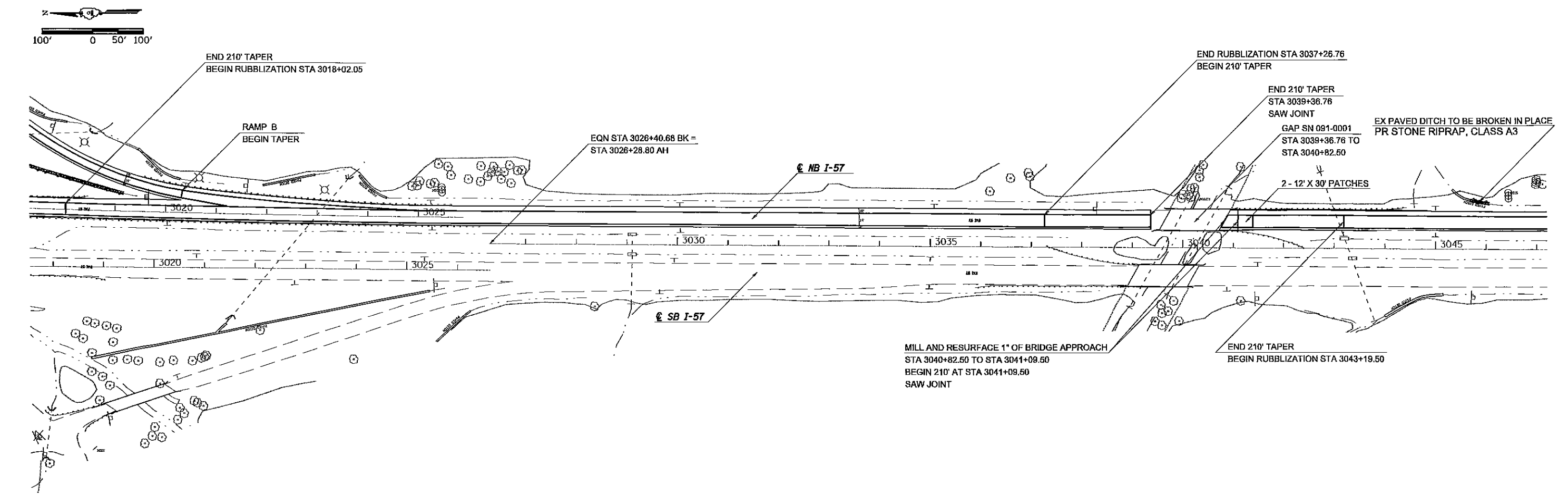
PLAN SHEET STA 2941+25 TO STA 2989+00

SCALE: SHEET OF SHEETS STA. TO STA.

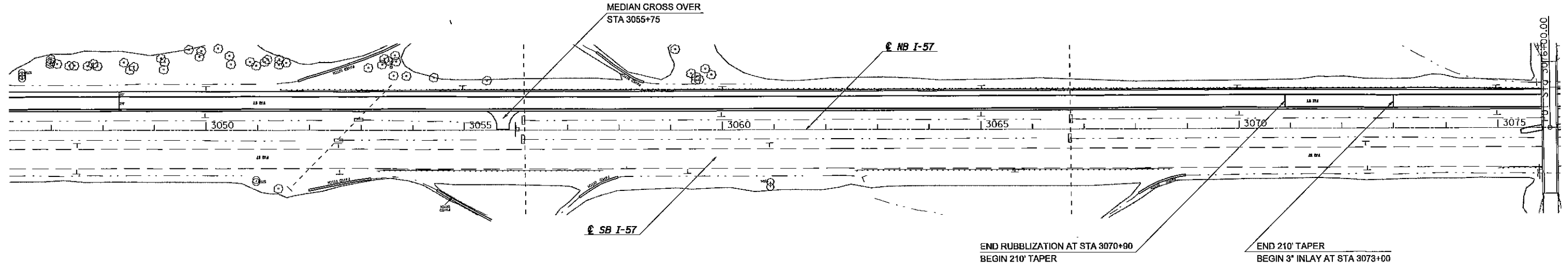
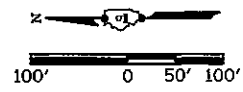
F.A.I. RTE. 57	SECTION (77-1,91-4,91-4-1,91-3)R-1	COUNTY UNION/PULASKI	TOTAL SHEETS 39	SHEET NO. 25
CONTRACT NO. 78289				
ILLINOIS FED. AID PROJECT				



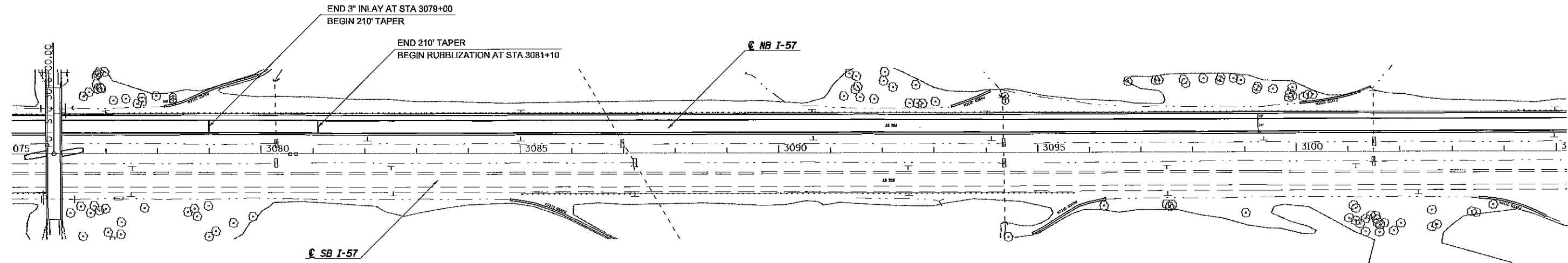
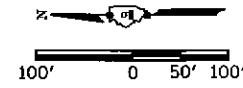
FOR ALL GUARDRAIL IMPROVEMENT, SEE GUARDRAIL SCHEDULE



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	PLOT SCALE = 288.0000' / in.	CHECKED -	REVISED -			57	(77-1,91-4,91-4-1,91-31R-1	UNION/PULASKI	39	26	
PLOT DATE = 9/19/2012	DATE -	REVISED -	SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____			ILLINOIS FED. AID PROJECT CONTRACT NO. 78289					



FOR ALL GUARDRAIL IMPROVEMENT, SEE GUARDRAIL SCHEDULE



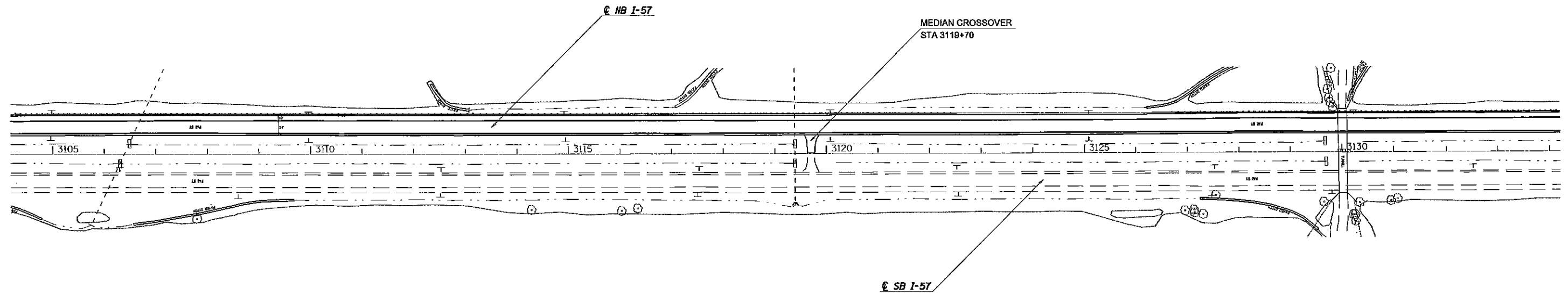
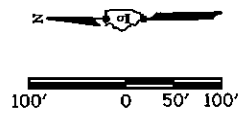
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PLOT DATE = 8/16/2012		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

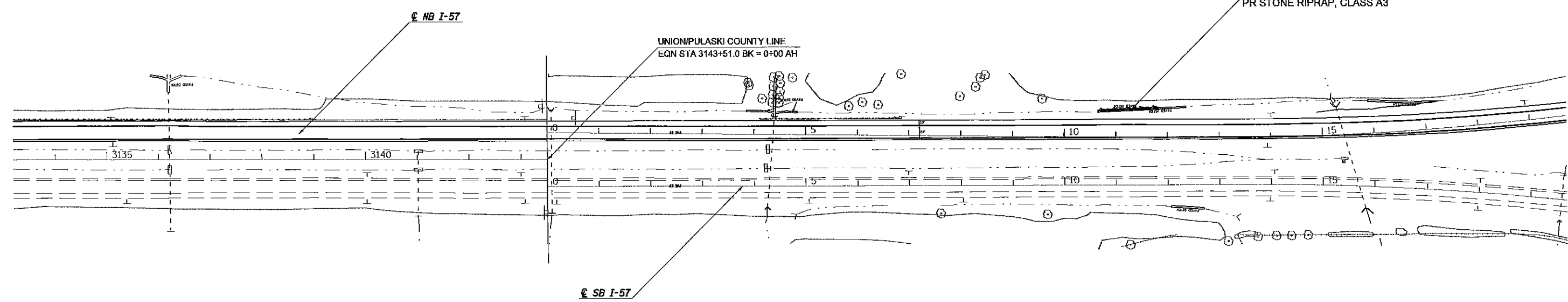
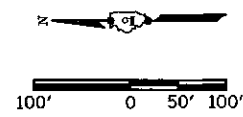
PLAN SHEET STA 3047+00 TO STA 3105+00

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(77-1,91-4,91-4-1,91-3)R-1	UNION/PULASKI	39	27
CONTRACT NO. 78289				
ILLINOIS FED. AID PROJECT				



FOR GUARDRAIL IMPROVEMENT, SEE GUARDRAIL SCHEDULE



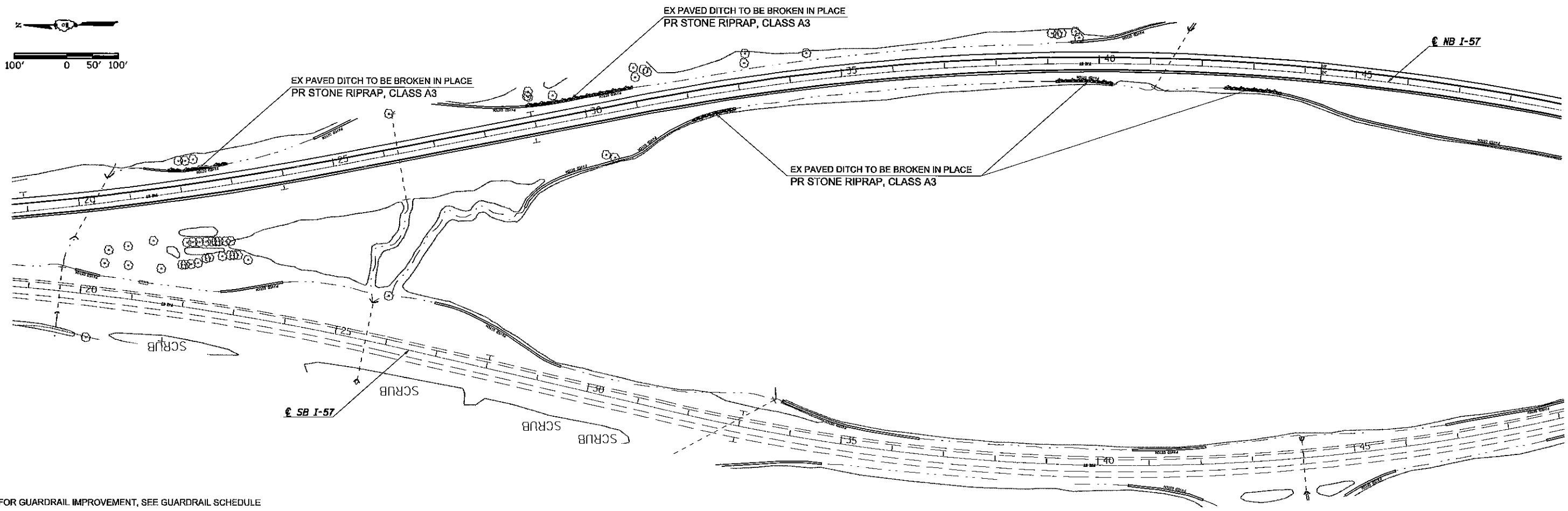
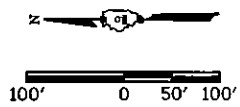
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PLOT SCALE = 200.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 8/16/2012		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

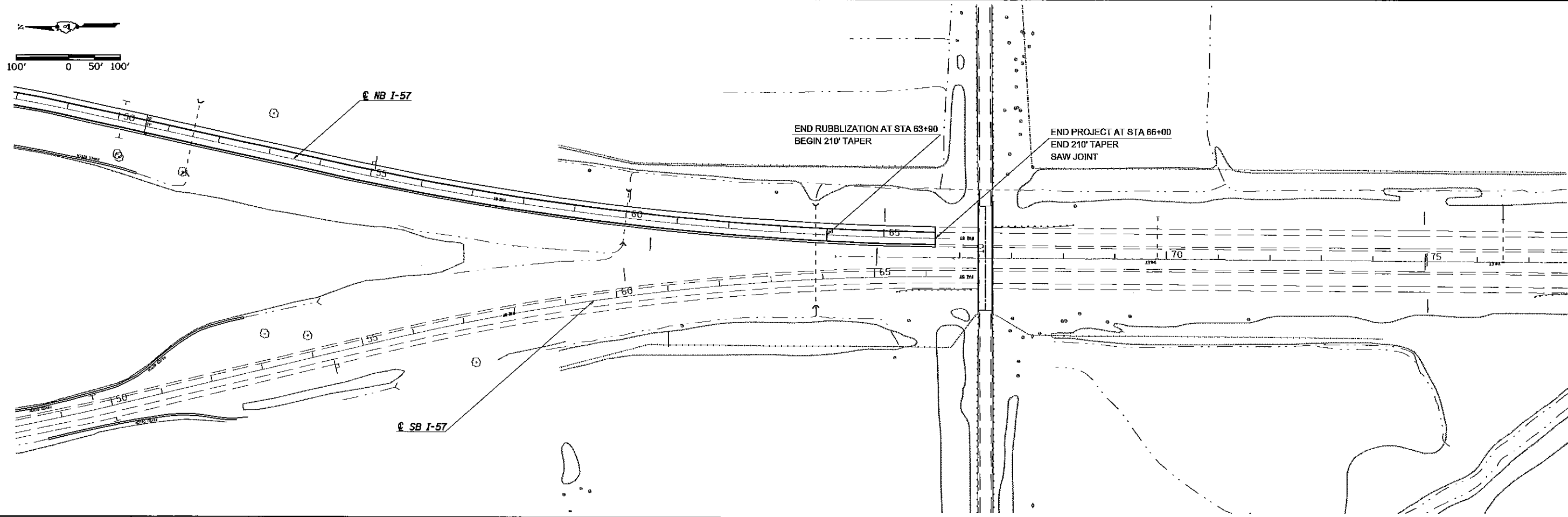
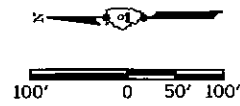
PLAN SHEET STA 3105+00 TO STA 19+00

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(77-1,91-4,91-4-1,91-3)R-1	UNION/PULASKI	39	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78289	



FOR GUARDRAIL IMPROVEMENT, SEE GUARDRAIL SCHEDULE

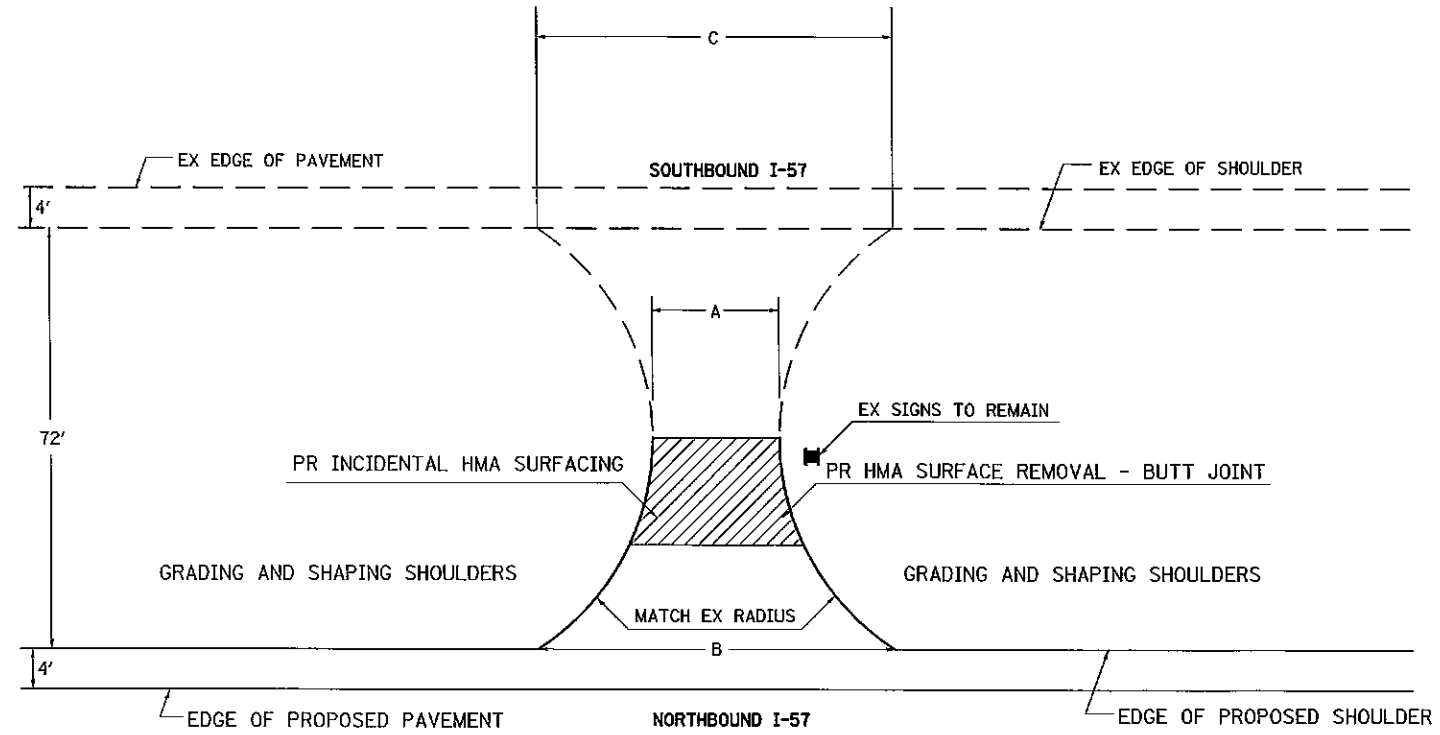


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	PLOT SCALE = 200.0000' / 1"	DRAWN -	REVISED -			SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____	CONTRACT NO. 76289			
	PLOT DATE = 8/19/2012	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT				
	DATE -	REVISED -								

DETAIL OF MEDIAN CROSSOVER PLAN VIEW

TO BE USED:

STATION	A (FOOT)	B (FOOT)	C (FOOT)
3055+75	24.0	63.8	65.5

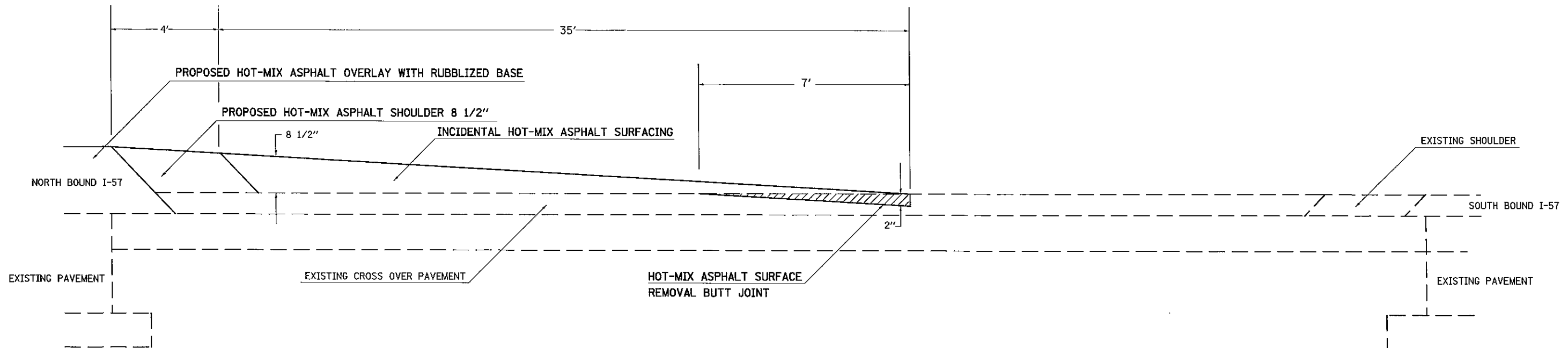


NOTES:

THE PROPOSED CROSSOVER SURFACE SHALL BE BUTTED TO THE EXISTING CROSSOVER SURFACE.

THE THICKNESS OF THE INCIDENTAL HOT-MIX ASPHALT SURFACING VARIES FROM 8 1/2" AT THE EDGE OF PROPOSED SHOULDER TO 2" AT THE BACK OF BUTT JOINT.

DETAIL OF MEDIAN CROSSOVER CROSS SECTIONAL VIEW

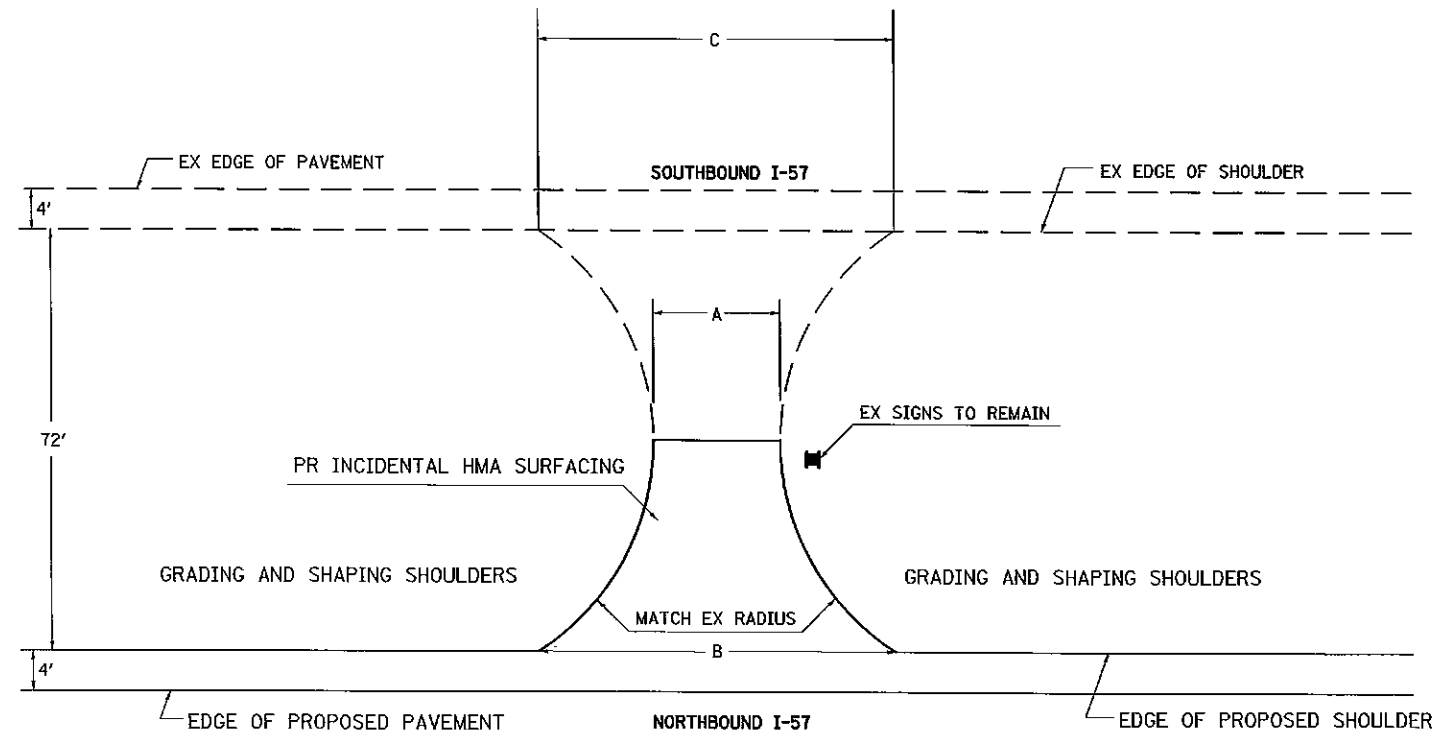


FILE NAME =	USER NAME = Scoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN CROSSOVER RESURFACING DETAIL STA 3055 + 75	F.A.I. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pvc_work\pavdot\stoverpg\d0289709\78289-ahw-detail.dgn		DRAWN -	REVISED -			57	(77-1.91-4.91-4-1.91-3)R-1	UNION/PULASKI	39	30
PLOT SCALE = 100.0000 1/ in.		CHECKED -	REVISED -							
PLOT DATE = 8/16/2012		DATE -	REVISED -							
						SCALE: _____ SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT
										CONTRACT NO. 78289

DETAIL OF MEDIAN CROSSOVER PLAN VIEW

TO BE USED:

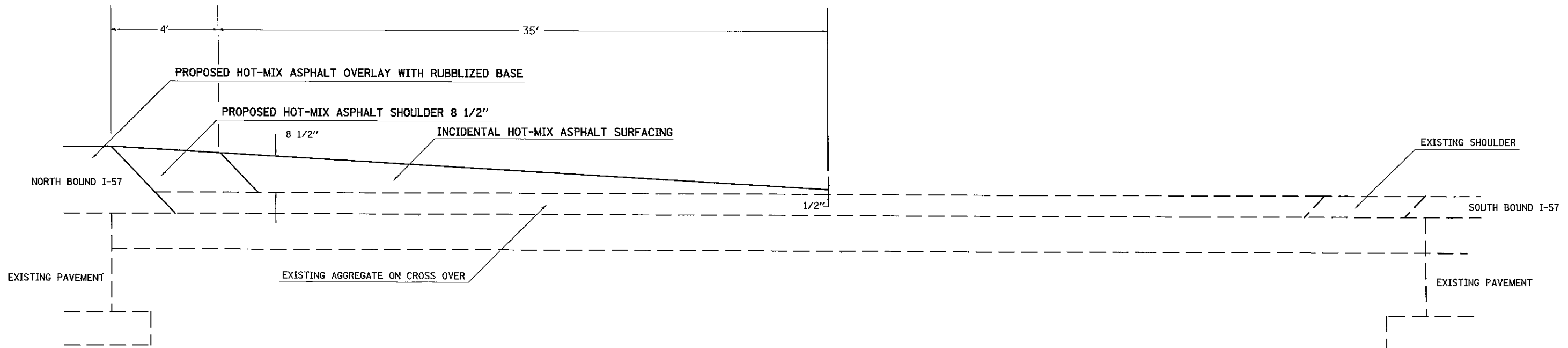
STATION	A (FOOT)	B (FOOT)	C (FOOT)
3119+70	14.0	28.8	33.2



NOTES:

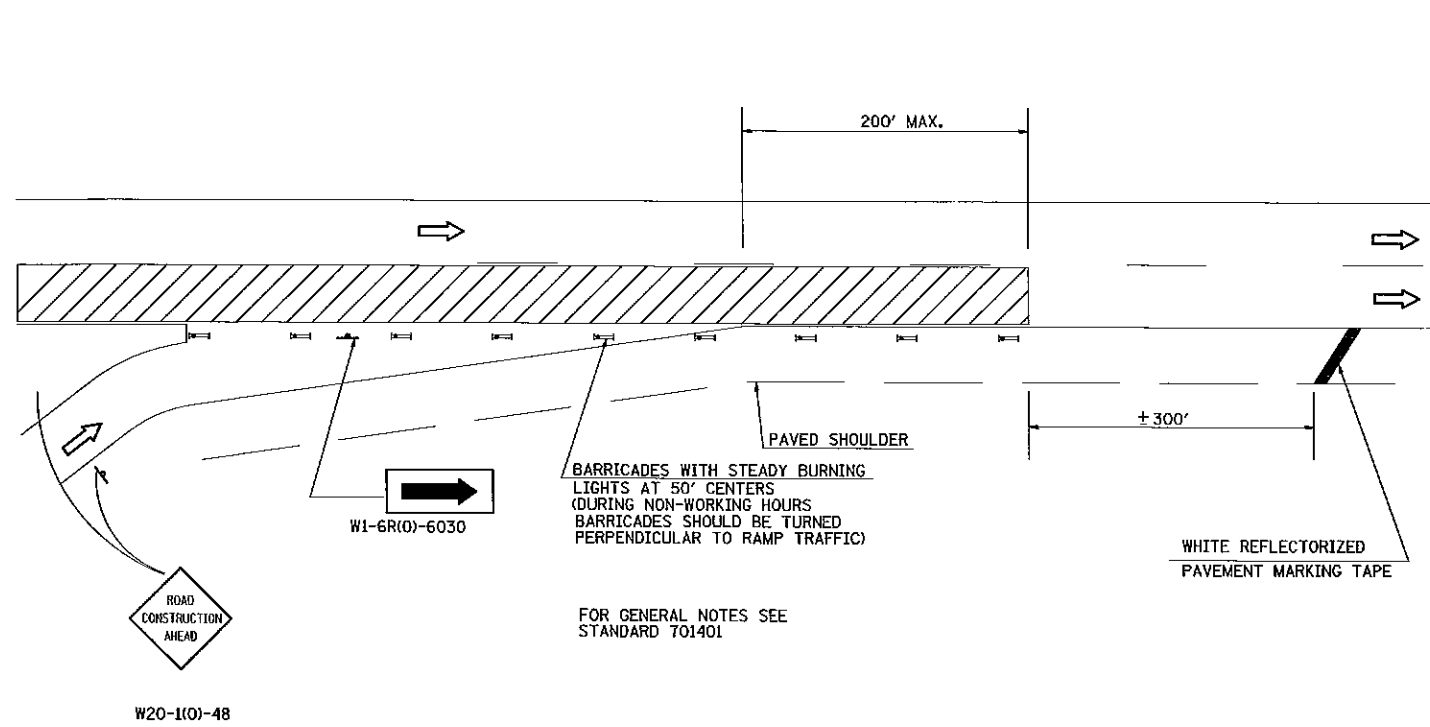
THE THICKNESS OF THE INCIDENTAL HOT-MIX ASPHALT SURFACING VARIES FROM 8 1/2" AT THE EDGE OF PROPOSED SHOULDER TO 1/2" AT THE BACK OF THE FEATHER JOINT.

DETAIL OF MEDIAN CROSSOVER CROSS SECTIONAL VIEW

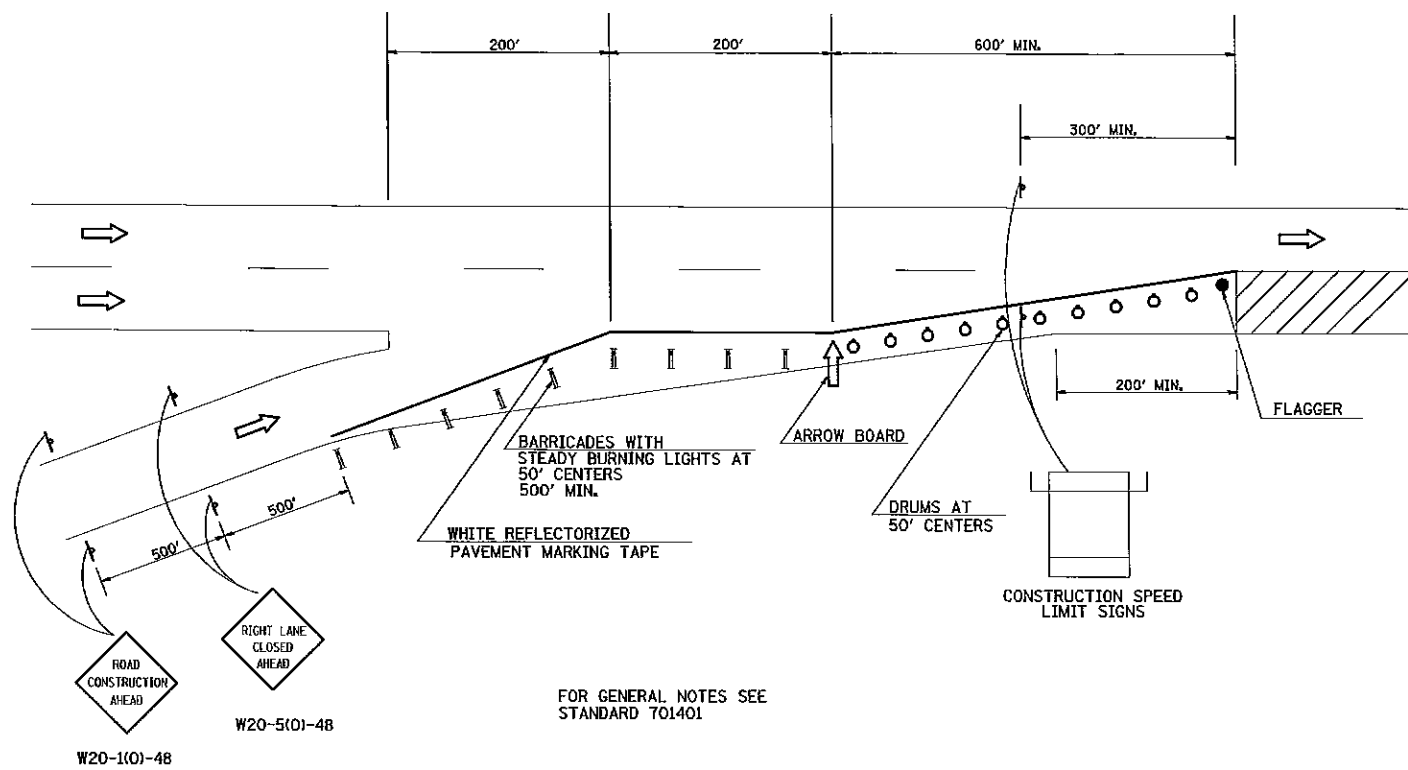


FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN CROSSOVER RESURFACING DETAIL STA 3119+70	F.A.L. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at\pwork\pandot\stoverpg\0289709\78289-shs-detail.s.dgn		DRAWN -	REVISED -			57	(77-1.91-4.91-4-1.91-3)R-1	UNION/PULASKI	39	31
	PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -							
	PLOT DATE = 8/16/2012	DATE -	REVISED -							
						SCALE: _____ SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____		CONTRACT NO. 78289
ILLINOIS FED. AID PROJECT										

DETAIL OF TRAFFIC CONTROL AT ENTRANCE RAMP

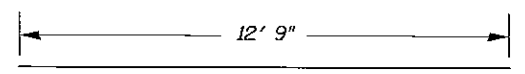
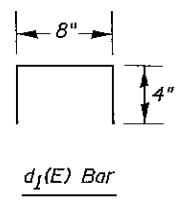
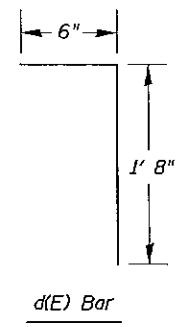
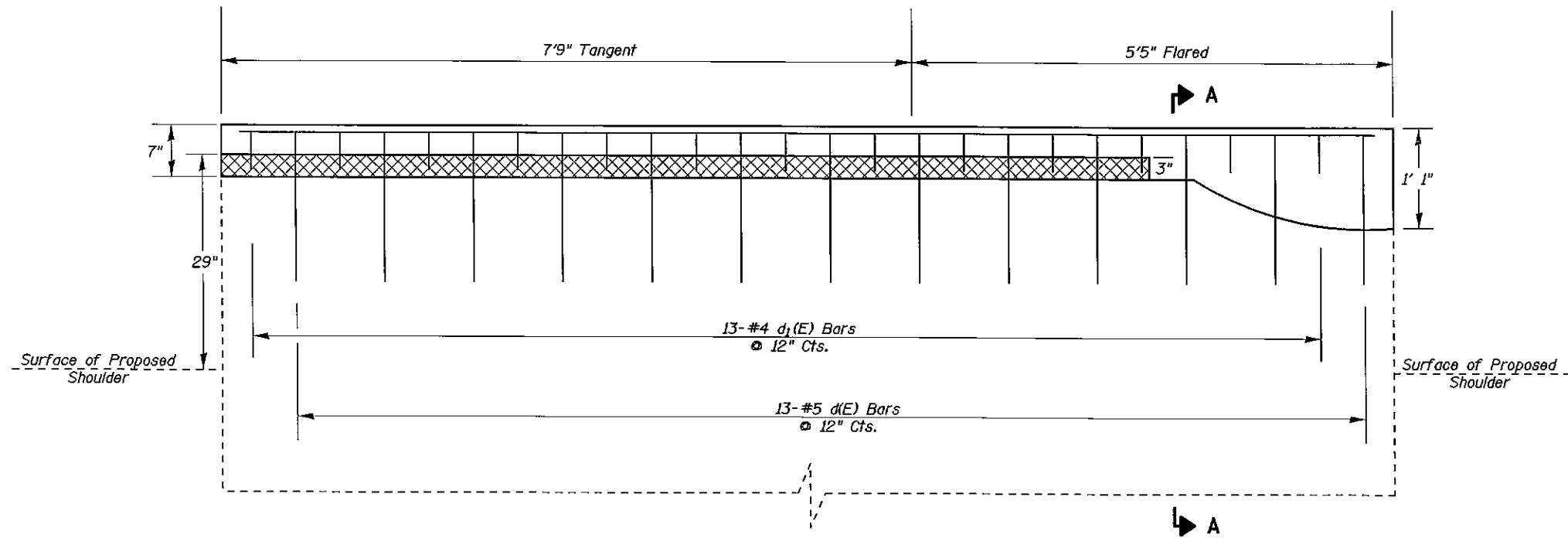


STAGE I
RIGHT LANE CLOSURE PERMITTED AT
ENTRANCE RAMP

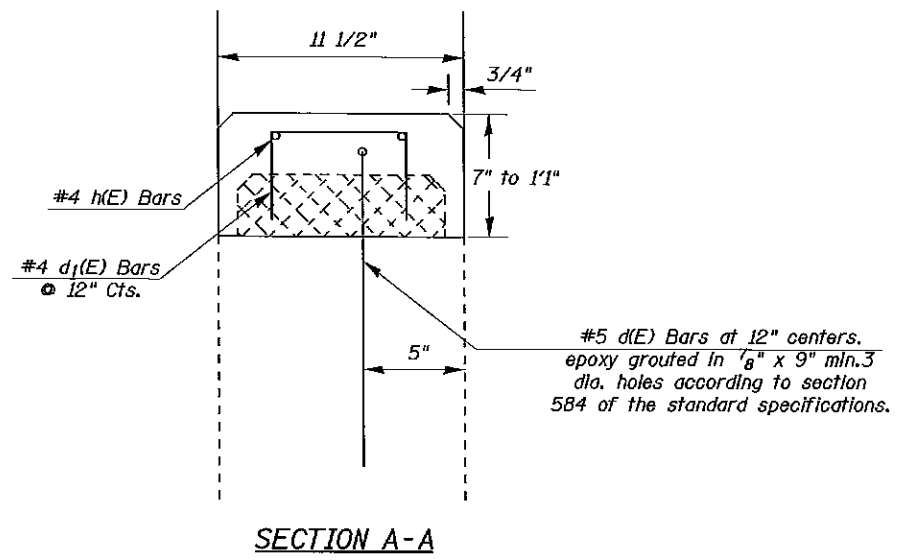


STAGE II
RIGHT LANE CLOSURE PERMITTED
200' BEYOND ENTRANCE RAMP

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AT ENTRANCE RAMP	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 1/8" = 100.0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 78289					
PLOT DATE = 8/16/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

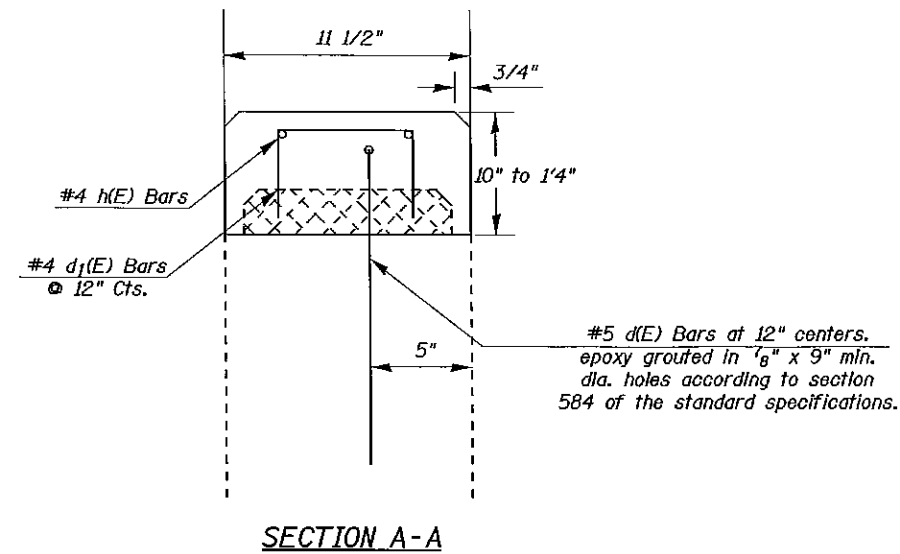
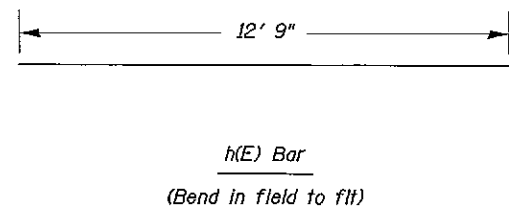
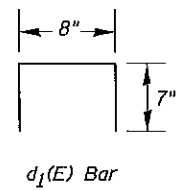
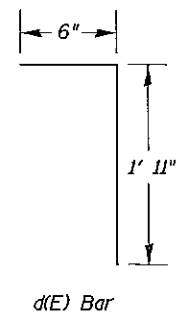
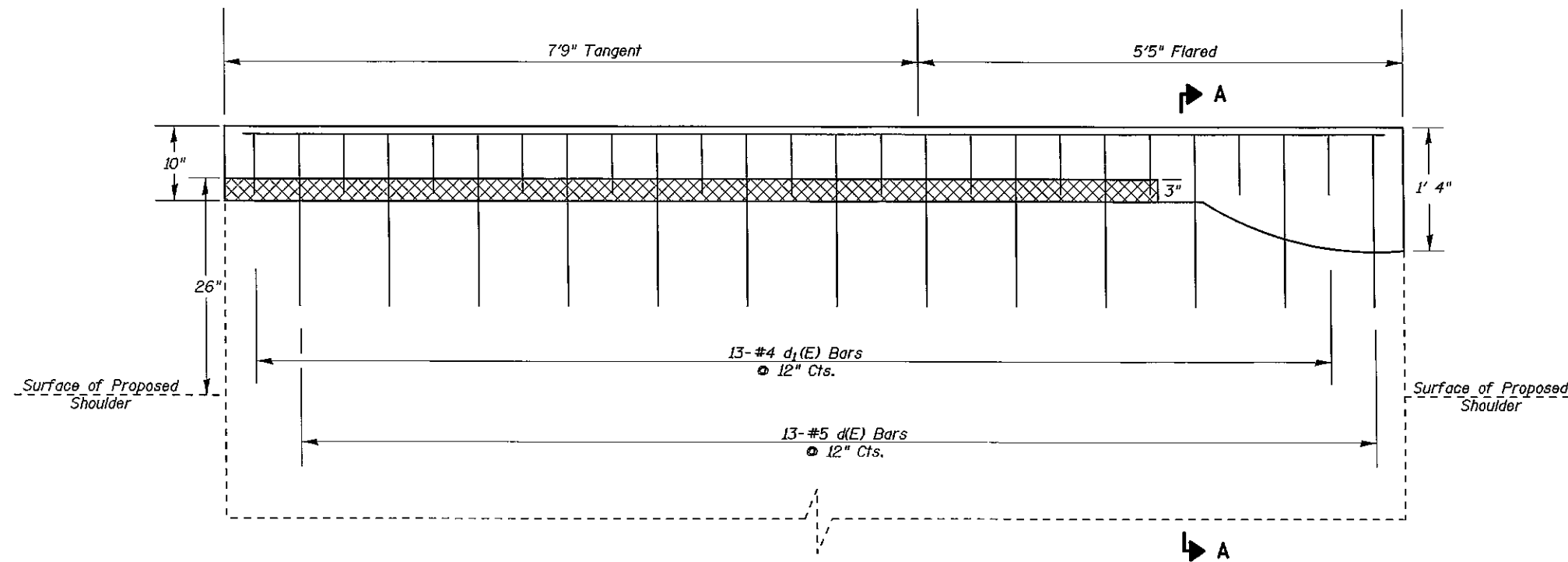


(Bend in field to fit)



BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
d(E)	13	5	2' 2"	┌───┐
d ₁ (E)	13	4	1' 4"	┌───┐
h(E)	2	4	12' 9"	───
Concrete Removal			Cu Yd	.1
Concrete Superstructure			Cu Yd	.3
Reinforcement Bars, Epoxy Coated			Pound	60



BILL OF MATERIAL

BAR NO.	SIZE	LENGTH	SHAPE
d(E)	13	5	2' 5"
d ₁ (E)	13	4	1' 10"
h(E)	2	4	12' 9"
Concrete Removal		Cu Yd	.1
Concrete Superstructure		Cu Yd	.4
Reinforcement Bars, Epoxy Coated		Pound	66

FILE NAME =	USER NAME = Stoverpg	DESIGNED	REVISED -
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PLOT DATE = 8/16/2012		DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

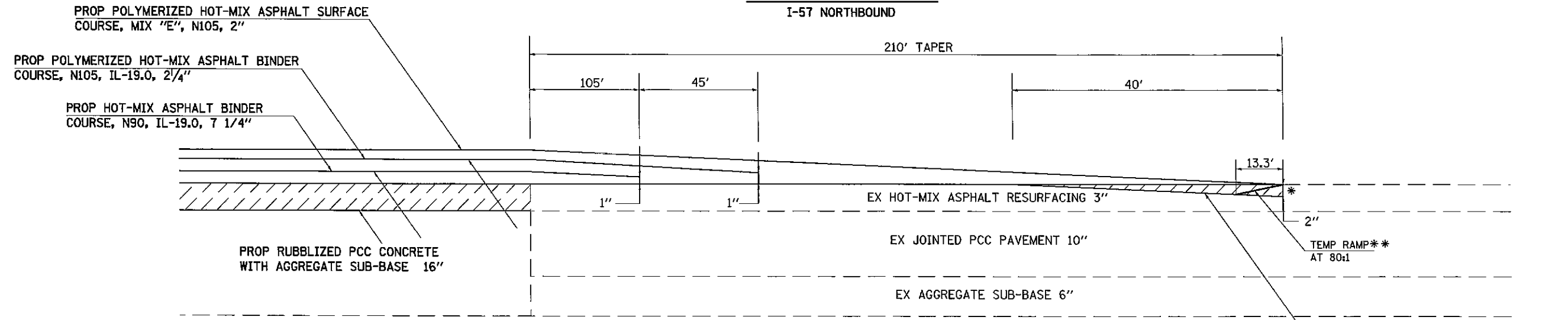
SOUTHWEST WINGWALL DETAIL ON SN 091-0001

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(77-1,91-4,91-4-1,91-3)R-1	UNION/PULASKI	39	34
CONTRACT NO. 78289				
ILLINOIS FED. AID PROJECT				

BUTT JOINT DETAIL

I-57 NORTHBOUND



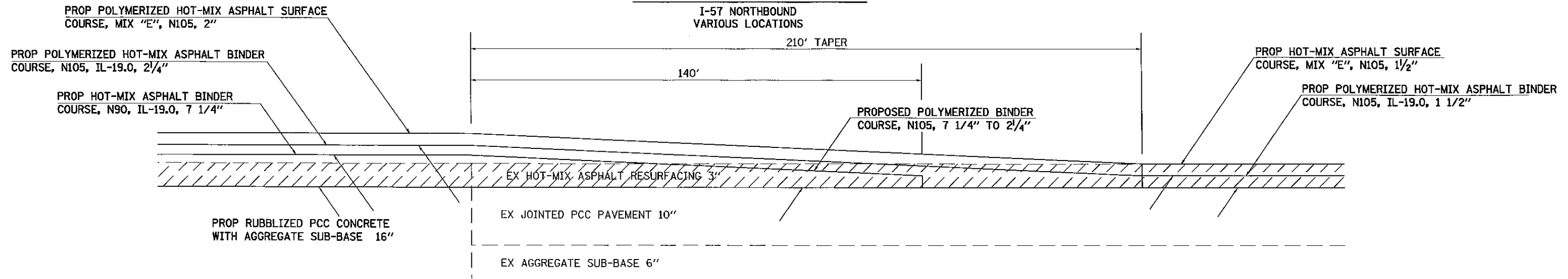
TO BE USED:
 BEGINNING OF PROJECT STA 2941+25 TO STA 2943+35
 US 51 EXIT RAMP F
 SN 091-0004
 STA 3009+84.38 TO STA 3011+94.38
 STA 3015+92.05 TO STA 3018+02.05
 SN 091-0001
 STA 3037+26.76 TO STA 3039+36.76
 STA 3041+09.50 TO STA 3043+19.50
 END OF PROJECT STA 63+90 TO STA 66+00

BITUMINOUS SURFACE REMOVAL 3"

* THE COST OF THIS SAWCUT SHALL BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE REMOVAL 3"
 ** TEMPORARY RAMPS WILL ONLY BE USED ON RAMPS F BUTT JOINT. THEY WILL NOT BE USED ON THE MAINLINE PAVEMENT BUTT JOINTS.

RESURFACING TRANSITION

I-57 NORTHBOUND
 VARIOUS LOCATIONS



TO BE USED:
 SN 091-0046
 STA 3070+90 TO STA 3073+00
 STA 3079+00 TO STA 3081+10

BITUMINOUS SURFACE REMOVAL 3"

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT & RESURFACING TRANSITION DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\p\work\p\dot\stoverpg\id8289709\78239-shi-detailed.dgn	PLDT SCALE = 1/8" = 1' / in.	DRAWN -	REVISED -			57	177-1.91-4.91-4-1.91-31R-1	UNION/PULASKI	39	36	
PLDT DATE = 9/19/2012	DATE -	CHECKED -	REVISED -			CONTRACT NO. 78289					
						ILLINOIS FED. AID PROJECT					

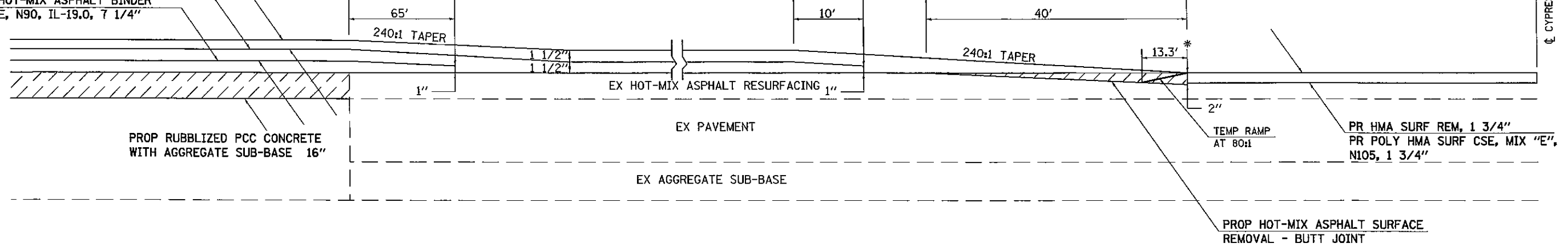
RAMP A DETAIL

I-57 NORTHBOUND

PROP POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 2"

PROP POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 1/4"

PROP HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 7 1/4"



PROP RUBBLIZED PCC CONCRETE WITH AGGREGATE SUB-BASE 16"

EX PAVEMENT

EX AGGREGATE SUB-BASE

TO BE USED:
DONGOLA ENTRANCE RAMP A

* THE COST OF THIS SAWCUT SHALL BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE REMOVAL 3"

BITUMINOUS SURFACE REMOVAL 3"

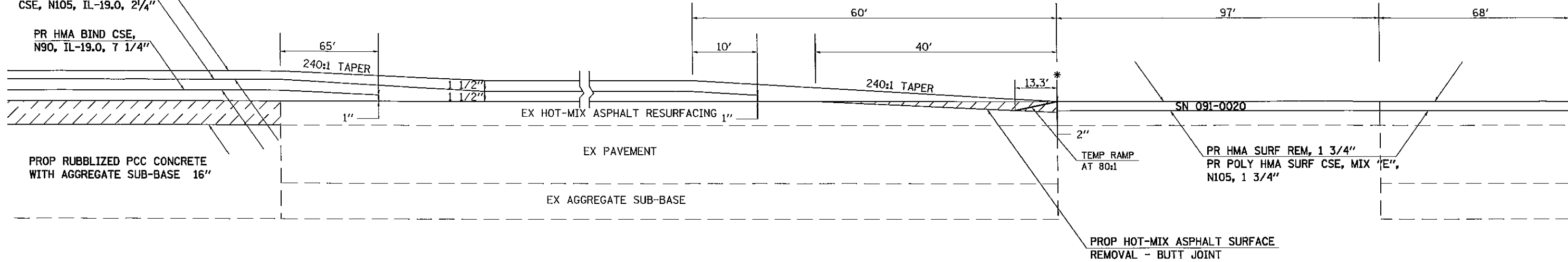
RAMP B DETAIL

I-57 NORTHBOUND

PR POLY HMA SURF CSE, MIX "E", N105, 2"

PR POLY HMA BIND CSE, N105, IL-19.0, 2 1/4"

PR HMA BIND CSE, N90, IL-19.0, 7 1/4"



PROP RUBBLIZED PCC CONCRETE WITH AGGREGATE SUB-BASE 16"

EX PAVEMENT

EX AGGREGATE SUB-BASE

TO BE USED:
DONGOLA EXIT RAMP B

* THE COST OF THIS SAWCUT SHALL BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE REMOVAL 3"

BITUMINOUS SURFACE REMOVAL 3"

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PLOT SCALE = 1000.0000 ' / in.	
PLOT DATE = 9/19/2012	

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

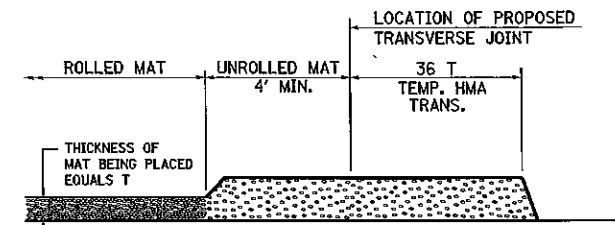
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT & RESURFACING TRANSITION DETAILS

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

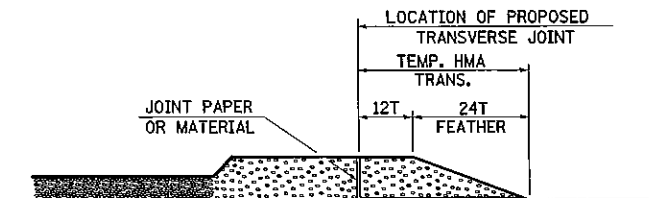
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	177-1.91-4.91-4-1.91-3R-1	UNION/PULASKI	39	36A
CONTRACT NO. 78289			ILLINOIS FED. AID PROJECT	

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



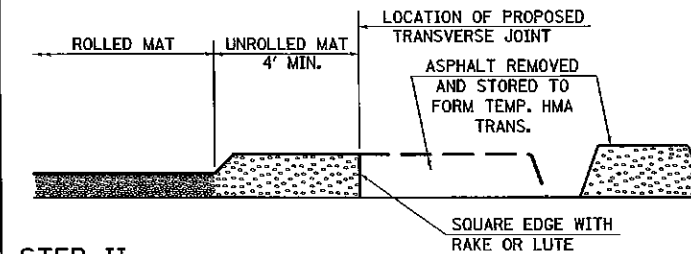
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



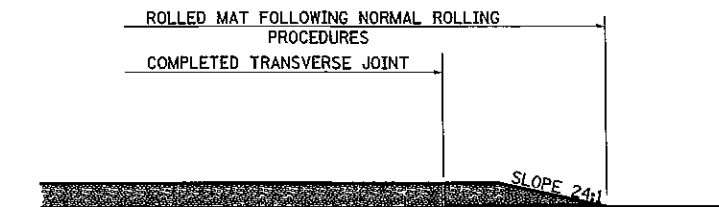
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



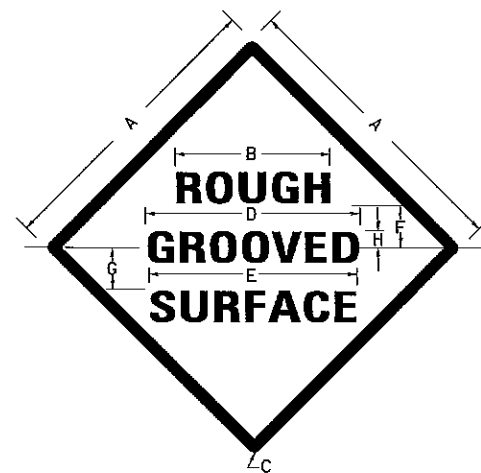
STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-26

ILLINOIS STANDARD

W8-I106



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	[B4-48D]

ALL DIMENSIONS IN INCHES

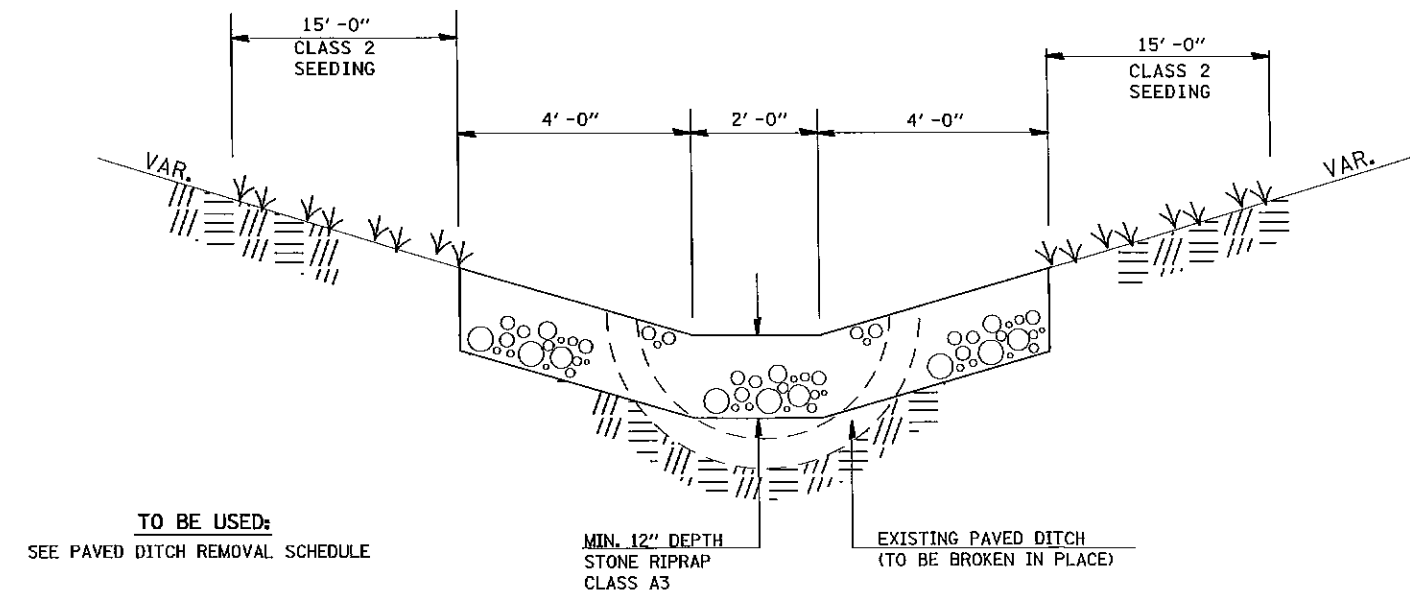
NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

STONE RIPRAP DITCH DETAIL

(ON EXISTING PAVED DITCH)



TO BE USED:
SEE PAVED DITCH REMOVAL SCHEDULE

NOTE: THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON, FOR STONE RIPRAP DITCH, WHICH PRICE SHALL INCLUDE ALL MATERIAL LABOR AND EQUIPMENT TO COMPLETE THE WORK IN PLACE AS SHOWN.

THE FINISHED SIDESLOPES OF THE STONE RIPRAP DITCH SHALL MATCH THE EXISTING GRADE.

REVISIONS	
REDRAWN	2-16-89
REVISED	4-26-91
REVISED	

STD. 9-39

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY BITUMINOUS CONCRETE TRANSITIONS, AND ROUGH GROOVED SURFACE SIGN, AND STONE RIPRAP DTICH DETAILS

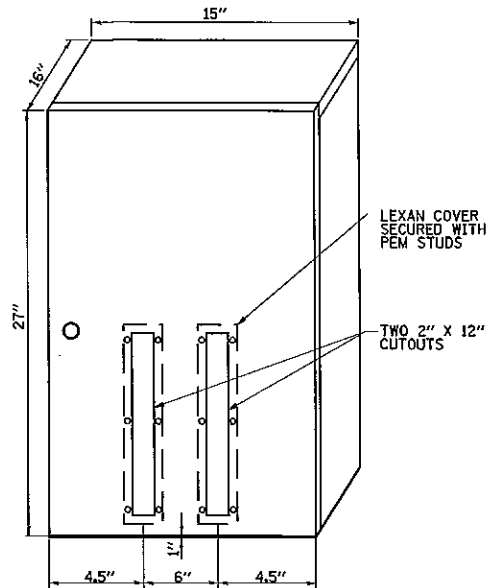
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 78289

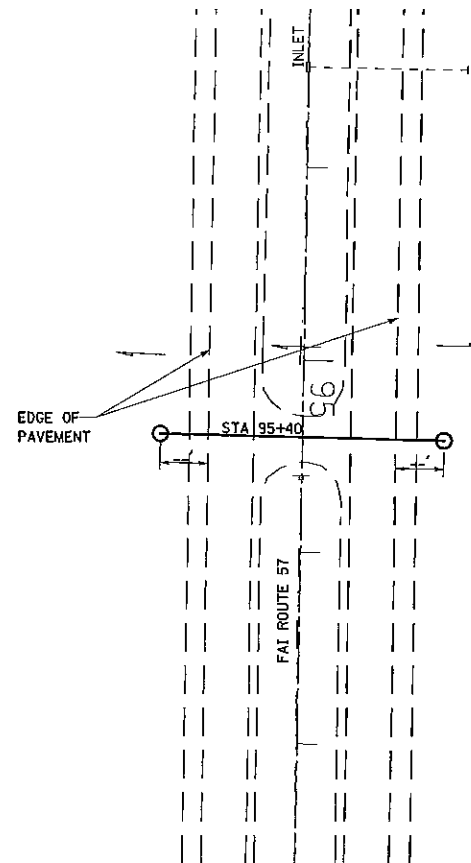
ILLINOIS FED. AID PROJECT

**TRAFFIC COUNTER
SCHEDULE OF QUANTITIES
(FOR INFORMATION ONLY)**

ITEM	UNIT	QUANTITY
LOCATION 1		
TRAFFIC DATA COLLECTION SYSTEM	EACH	1
WIRELESS MODEM	EACH	1
DUAL BAND ANTENNA	EACH	1
CABINET (LARGE STYLE)	EACH	2
SOLAR PANEL 30 W 12 VDC	EACH	1
SOLAR PANEL 20 W 12 VDC	EACH	1
3' ANTENNA CABLES	EACH	1

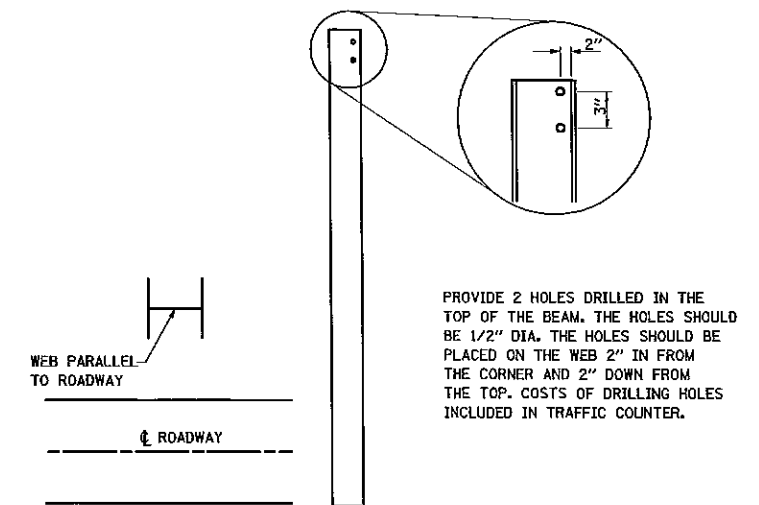


CABINET DETAIL

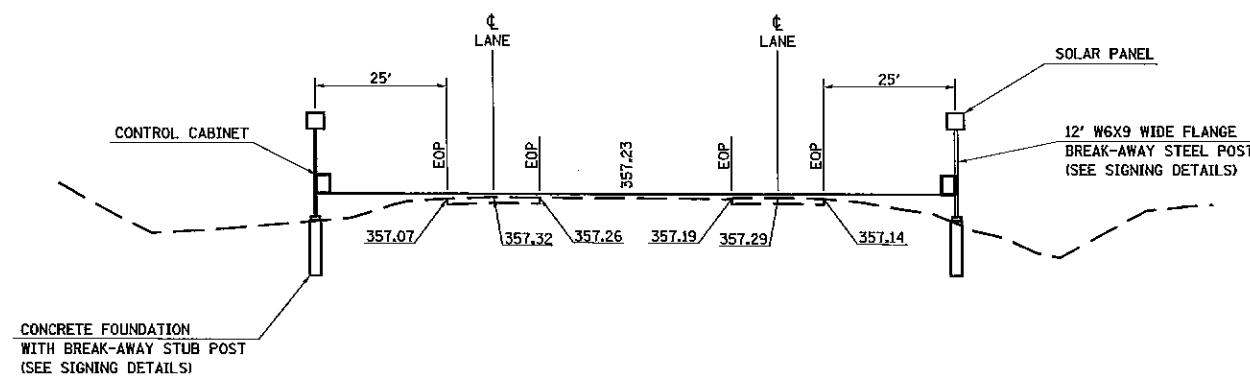


COUNTER LOCATIONS

LOCATION
STA 95+40



STANDARD 6" I-BEAM 12' TALL



**COUNTER LAYOUT
TYPICAL APPLICATION**

NOTES:

1. SYSTEM CONSISTS OF TWO STANDARD 6" I-BEAM SIGNPOSTS WITH CONCRETE FOUNDATION AND A FLANGE WITH BREAKAWAY BOLTS.
2. THE I-BEAMS ARE 12' LONG AND DRILLED ACCORDING TO THE DRAWING TO ACCOMMODATE A PIPE TO ALLOW THE MOUNTING OF A SOLAR PANEL.
3. THE WEB OF THE I-BEAM IS PLACED PARALLEL TO THE LANES.
4. THE POST MUST BE PLACED DIRECTLY ACROSS FROM EACH OTHER PERPENDICULAR TO THE LANES.
5. TWO POSTS ARE REQUIRED FOR EACH LOCATION.
6. THE CABINETS ARE ATTACHED TO THE I-BEAMS USING GALVANIZED J-BOLTS.
7. IDEALLY THE CABINET HEIGHT SHOULD BE APPROX. 5' AND BE ABLE TO VIEW THE OTHER CABINET WITH THE LINE OF SIGHT BEING ABOUT 4" ABOVE THE SURFACE OF THE ROAD.
8. THE IDOT OFFICE OF PLANNING AND PROGRAMMING DATA MANAGEMENT LAB (ATTN: RAMON TAYLOR 217-782-2065) SHALL BE NOTIFIED TWO WEEKS PRIOR TO THE LAYOUT AND PLACEMENT OF THE POST FOUNDATIONS.

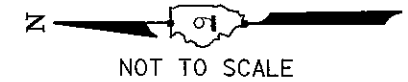
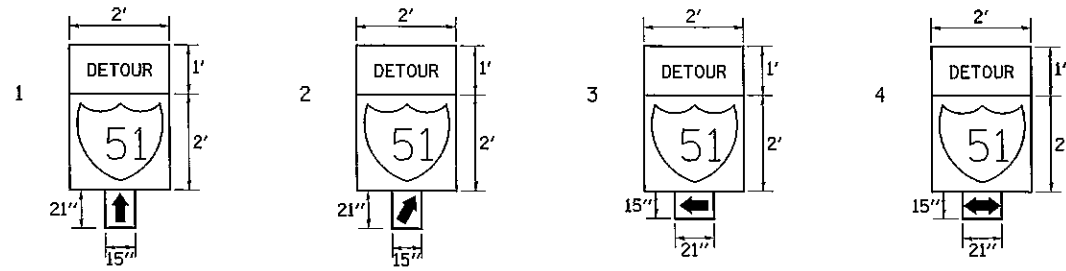
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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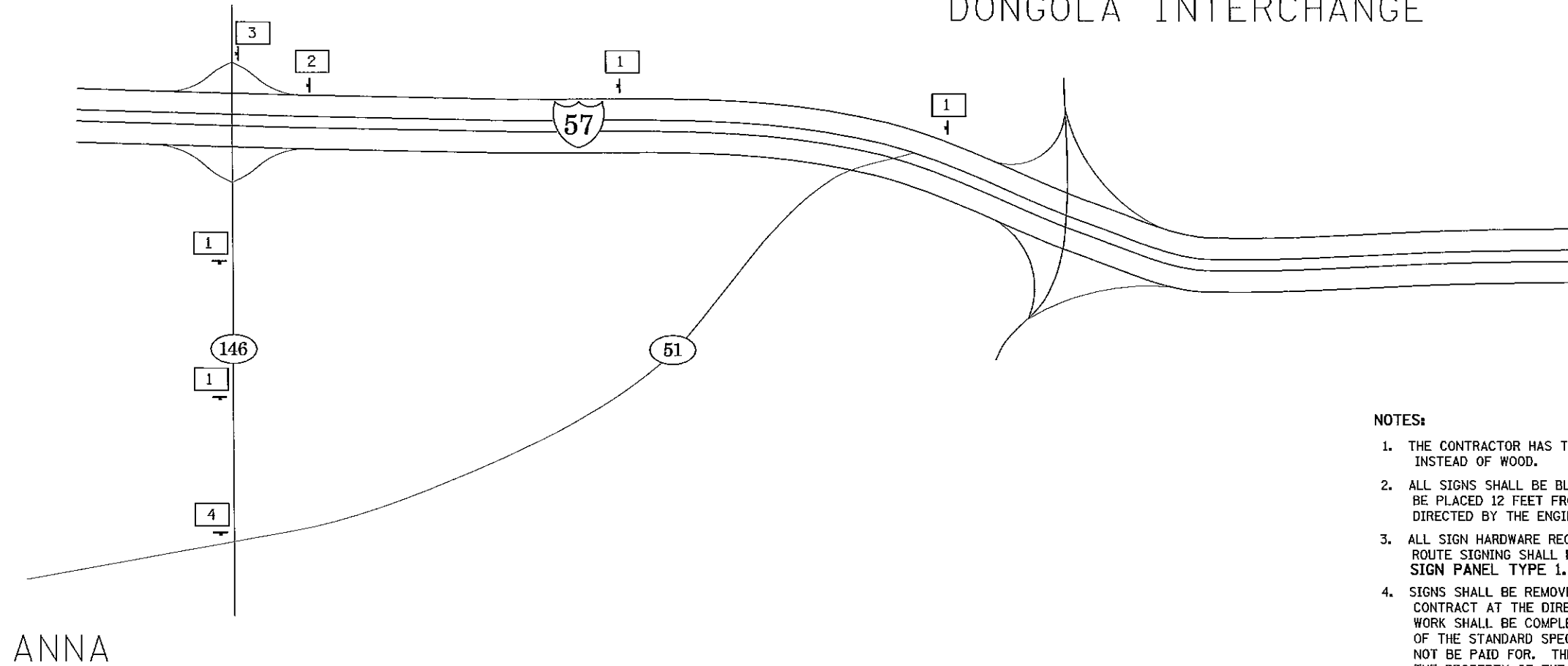
F.A.I. RTE. 57	SECTION (77-1,91-4,91-4-1,91-3)R-1	COUNTY UNION/PULASKI	TOTAL SHEETS 39	SHEET NO. 38
CONTRACT NO. 78289			ILLINOIS FED. AID PROJECT	

SIGN DETAILS



ANNA/VIENNA
INTERCHANGE

DONGOLA INTERCHANGE



ANNA

NOTES:

1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
2. ALL SIGNS SHALL BE BLACK ON ORANGE. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
3. ALL SIGN HARDWARE REQUIRED TO INSTALL THE ALTERNATE ROUTE SIGNING SHALL BE INCLUDED IN COST OF SIGN PANEL TYPE 1.
4. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
5. PROPOSED SIGNS SHALL BE PLACED SO THEY DO NOT INTERFERE WITH EXISTING SIGNS AND AS DIRECTED BY THE ENGINEER.
6. THE RELOCATING, MAINTENANCE OR REPLACEMENT OF SIGNS SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
7. EXACT SIGN PLACEMENT WILL BE DETERMINED BY THE ENGINEER.
8. THE DISTRICT 9 OPERATIONS ENGINEER SHALL BE CONTACTED 10 DAYS PRIOR TO THE ERECTION OF SIGNS.

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