

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

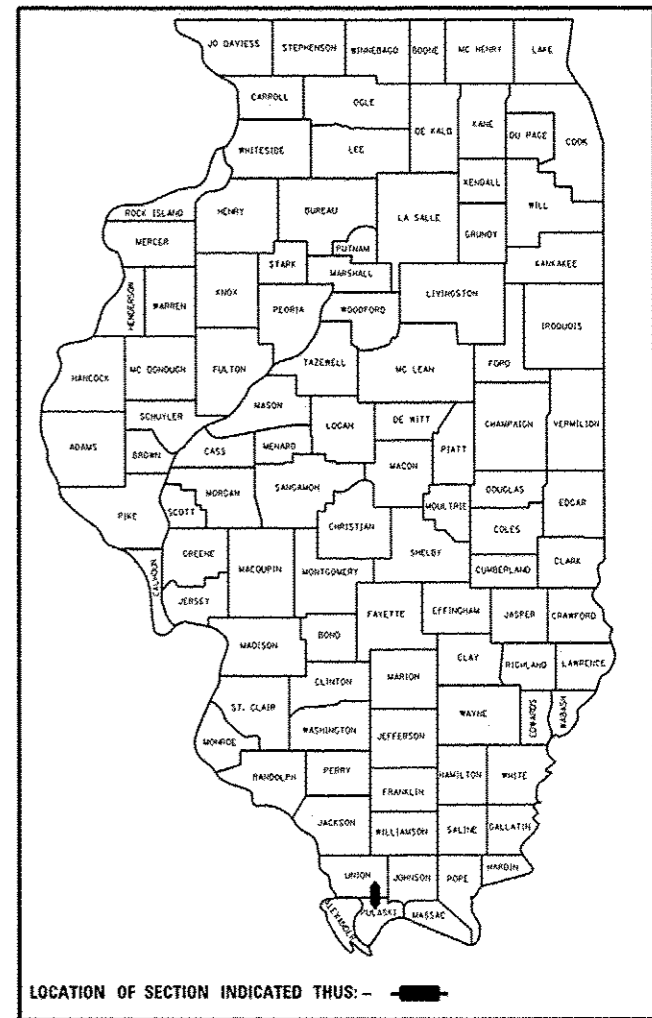
**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 57 (1-57)  
SECTION (77-1,91-4,91-4-1,91-3)R-2  
PROJECT ACIM - 0057 (313)  
RUBBLIZATION  
UNION & PULASKI COUNTIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		ILLINOIS	50	1

(77-1,91-4,91-4-1,91-3)R-2  
UNION/PULASKI

D-99-043-12



FOR INDEX OF SHEETS, SEE SHEET NO. 3

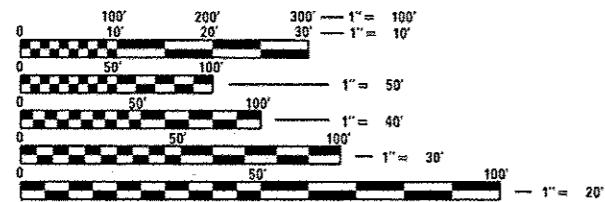
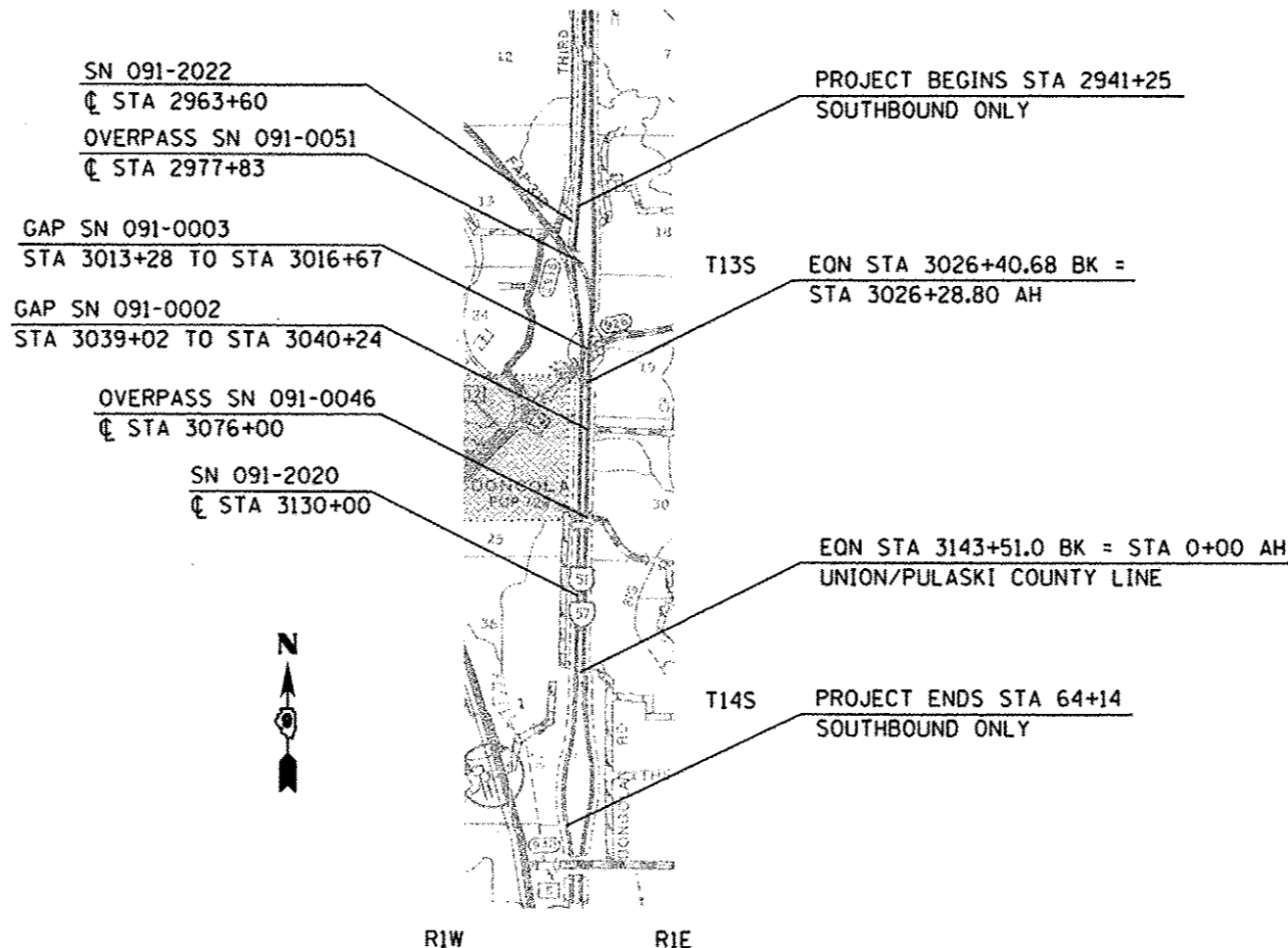
**TRAFFIC DATA**

I-57 TRAFFIC DATA  
2013 ADT = 6,800 WITH 48% TRUCKS  
2033 ADT = 9,160 WITH 48% TRUCKS

**TOWNSHIP**

DONGOLA  
WETAUG

C-99-050-12



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  
OR 811

PROJECT ENGINEER: CHARLES STEIN  
DESIGNER: BRANDY MAES  
618-351-5210  
CONTRACT NO. 78319

GROSS LENGTH = 26,651.9 FT. = 5.05 MILE  
NET LENGTH = 26,107.9 FT. = 4.94 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *December 10, 2014*

*Jeffrey J. ...*  
REGIONAL DIRECTOR OF HIGHWAYS, REGION ENGINEER

*Jan 30 2015*  
*John D. Baranzelli PE*  
ENGINEER OF DESIGN AND ENVIRONMENT

*Jan 30 2015*  
*Omer Osman PE*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

Prepared By: *Joe Zdaniewicz*  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: *Paul E. [Signature]*  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Carrie Nelson*  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Kevin [Signature]*  
DISTRICT OPERATIONS ENGINEER

Examined By: *KR [Signature]*  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: \_\_\_\_\_  
DISTRICT CONSTRUCTION ENGINEER

Examined By: *Bruce [Signature]*  
DISTRICT MATERIALS ENGINEER

FILE NAME	USER NAME	DESIGNED	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNATURE SHEET</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PROJECT NO.	PROJECT NAME	DRAWN	REVISED			57	.	.	50	2	
PROJECT SCALE	PROJECT DATE	CHECKED	REVISED			CONTRACT NO. 78319					
PROJECT DATE	PROJECT DATE	DATE	REVISED			ILLINOIS FED. AID PROJECT					
SCALE:					SHEET OF SHEETS STA. TO STA.						

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX, STANDARDS, & MTD CROSSING RESTRICTIONS
4	GENERAL NOTES & COMMITMENTS
5	MIX DESIGN
6-8	PAVEMENT AND SUBSURFACE INVESTIGATION SUMMARY
9	CROSS ROAD PIPES AND ESTIMATED FILL HEIGHT
10-15	SUMMARY OF QUANTITIES
16-21	TYPICAL SECTIONS
22-27	SCHEDULES
28-33	PLAN SHEETS
34-49	PROJECT DETAILS
50	DETOUR ROUTE SIGNING

STANDARDS

000001-06	635011-02
001001-02	642001-02
280001-07	701101-04
420701-02	701306-03
442101-07	701400-08
601001-04	701401-09
601101-01	701411-09
606001-06	701426-07
630001-10	701451-03
631011-09	701456-03
631026-06	701901-04
631031-13	720001-01
631033-06	720006-04
635001-01	720011-01
635006-03	780001-05
	781001-03

MTD CROSSING RESTRICTIONS TABLE

STRUCTURE NUMBER	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAV'T OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	INCH	
091-2022	2.3	13	LOADED
091-0003	-	-	LOADED
091-0019	-	-	LOADED
091-0002	-	-	LOADED
091-2020	5.8	13	EMPTY*

\*The Contractor shall refer to BDE Special Provision for Material Transfer Device.

FILE NAME *	USER NAME * #USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, AND STRUCTURES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
or:\pvc\work\pavdot\hollaybl\0207485\7831	shita-cv_0001.mxd	DRAWN -	REVISED -			57	.	.	50	3	
	PLOT SCALE = 100,0000 / 1"	CHECKED -	REVISED -			CONTRACT NO. 78319					
#MODELNAME#	PLOT DATE = 12/16/2014	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.

ALL AGGREGATE  
2.05 TONS/CU. YD.

RIPRAP  
1.50 TONS/CU. 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.

THE QUANTITY OF DELINEATORS AND DELINEATOR REMOVAL HAS BEEN ESTIMATED TO REFLECT ADDITIONAL DAMAGE IN THE TIME BETWEEN DESIGN AND LETTING. THE ACTUAL QUANTITY SHALL BE DETERMINED BY THE ENGINEER. ALL DELINEATORS DAMAGED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.

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.

NO PRIME COAT SHOULD BE USED ON BARE RUBBLIZED PAVEMENT. REGULAR PRIME COAT MUST BE USED BETWEEN ALL SHOULDER LIFTS.

LOCATING UNDERGROUND CABLE SHALL BE USED FOR PLACEMENT OF PIPE UNDERDRAINS AT THE DONGOLA INTERCHANGE NEAR STATION 3020+80.

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

EXISTING PIPE UNDERDRAINS ARE 4" POLYETHYLENE PIPE. PLANS ARE AVAILABLE AT THE DISTRICT OFFICE FOR VIEWING.

DELINEATOR REMOVAL SHALL BE INCLUDED IN THE COST OF DELINEATORS.

COMMITMENTS

NONE

FILE NAME #	USER NAME # USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES AND COMMITMENTS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\work\pav\dot\hollaybl\2014\20140517831	antarew_soa_indw.dgn	DRAWN -	REVISED -			57	*	*	50	4	
#MODELNAME#	PLOT SCALE = 100.0000 / 1"	CHECKED -	REVISED -			CONTRACT NO. 78319					
	PLOT DATE = 12/16/2014	DATE -	REVISED -			SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT UNION/PULASKI			

MIX DESIGN

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix D, N90
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	D Surface
Quality Management Program:	PFP (Pay for Performance)

Locations	Hot-Mix Asphalt Binder Course (Top Lift)
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder, N90, IL-19.0mm Fine Graded
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm Fine Grade
Friction Aggregate:	None
Quality Management Program:	PFP (Pray for Performance)

Locations	Hot-Mix Asphalt Binder Course (Lower Lifts) and HMA Shoulders (Lower Lifts)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0mm Fine Graded
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm Fine Graded
Friction Aggregate:	None
Quality Management Program:	PFP • Hot-Mix Asphalt Binder Course (Lower Lifts); QCP • Hot-Mix Asphalt Shoulders (Lower Lifts)

Locations	Hot-Mix Asphalt Shoulders (Top Lift) and Incidental HMA
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	C Surface
Quality Management Program:	QCP

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MIX DESIGN</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p-work\pvidet\hollab1\00207459\7831	hollab1\00207459\7831	DRAWN -	REVISED -			57	.	.	50	5
		CHECKED -	REVISED -			CONTRACT NO. 78319				
#MODELNAME#		DATE -	REVISED -			SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

## Rubbilization Pavement and Subsurface Investigation

Section: (77-1, 91-4, 91-4-1, 91-3)R-2

Contract 78319

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 <sub>2</sub> O	
2941+00			X		3 1/4	9 1/2	4	AGG			8.5	10.0	17.0	20.0									
" "			X		5		8	AGG			10.0	14.0	27.0	17.0									
2951+00		X			3	10	4	AGG			12.0	8.5	10.0	16.0									
" "	X				4		10	AGG			16.0	14.0	8.5	10.0									
2961+00			X		3 1/2	9 1/2	4	AGG			14.0	29.0	30.0	27.0									
" "			X		4 1/2		8	AGG			17.0	20.0	20.0	20.0									
2971+00			X		3 1/4	9 3/4	4	AGG			30.0												
" "	X				4		10	AGG			30.0												
2981+00			X		3 1/4	9 3/4	4	AGG			20.0	21.0	18.0	27.0		SIC A7-6(31)	5	57	38	48.5	30.1	21	
" "			X		4 1/2		8	AGG			7.0	30.0											
2991+00		X			3	10	4	AGG			7.0	14.0	14.0	17.0									
" "	X				4		10	AGG			20.0	8.5	8.5	10.0									
3001+00			X		2 1/2	9 1/2	4	AGG			8.5	14.0	10.0	14.0		SICL A-6(15)	10	68	22	35.4	15.7	17	
" "			X		9		6	AGG			20.0	20.0	17.0	14.0									
3011+00		X			4	9 1/2	4	AGG			14.0	17.0	18.0	23.0									
" "	X				11 1/2		4	AGG			30.0	14.0	20.0	14.0									
3021+00			X		5 1/4	9 3/4	4	AGG			10.0	14.0	16.0	20.0									
" "			X		6 1/2		8	AGG			8.5	23.0	30.0										
3031+00		X			4	9 1/2	4	AGG			16.0	30.0											
" "	X				4 1/2		10	AGG			4.0	8.5	20.0	14.0									
3041+00			X		2 1/2	10 1/4	4	AGG			4.0	4.0	5.5	4.0									
" "			X		3		6	AGG			12.0	14.0	16.0	12.0									

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RUBBLIZATION PAVEMENT AND SUBSURFACE INVESTIGATION TABLE</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
e:\pwork\pvidat\hollajb1\0307455\78319	hollajb1\0307455\78319	DRAWN -	REVISED -			57			50	6	
		CHECKED -	REVISED -			CONTRACT NO. 78319					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
*MODELNAME*		PLOT DATE = 12/16/2014		SHEET 1 OF 3 SHEETS STA. TO STA.		UNION/PULASKI					

# Rubbleization Pavement and Subsurface Investigation

Section: (77-1, 91-4, 91-4-1, 91-3)R-2

Contract 78319

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 <sub>2</sub> O	
3051+00	X	X			3 1/4	9 3/4	4	AGG			8.5	14.0	17.0	20.0									
" "	X	X			3 3/4		10	AGG			10.0	8.5	17.0	14.0									
3061+00			X		2 1/2	10	4	AGG			7.0	12.0	16.0	14.0									
" "			X		5		6	AGG			10.0	30.0											
3071+00	X	X			3 1/4	10	4	AGG			5.5	8.5	16.0	21.0									
" "	X	X			5		10	AGG			5.5	10.0	14.0	17.0									
3081+00			X		3	10 1/2	4	AGG			7.0	7.0	14.0	16.0									
" "			X		6 1/2		6	AGG			8.5	5.5	8.5	12.0									
3091+00	X	X			3 1/4	9 3/4	4	AGG			7.0	10.0	14.0	17.0									
" "	X	X			4		10	AGG			8.5	17.0	20.0	14.0									
3101+00			X		3	9 3/4	4	AGG			17.0	14.0	17.0	14.0									
" "			X		5		6	AGG			21.0	10.0	14.0	17.0									
3111+00	X	X			3 1/4	9 1/2	4	AGG			7.0	8.5	12.0	14.0									
" "	X	X			5 1/4		10	AGG			10.0	10.0	8.5	10.0									
3121+00			X		2 1/2	10	4	AGG			10.0	16.0	17.0	14.0	SIL A-4(10)	2	78	20	30.9	10	22		
" "			X		3 1/2		6	AGG			10.0	8.5	14.0	16.0									
3131+00	X	X			3	10	4	AGG			20.0	8.5	8.5	10.0									
" "	X	X			5 1/2		10	AGG			10.0	10.0	18.0	20.0									
3141+00			X		3	10 1/4	4	AGG			8.5	5.5	5.5	14.0									
" "			X		4 3/4		6	AGG			17.0	17.0	14.0	14.0									

# Rubblization Pavement and Subsurface Investigation

Section: (77-1, 91-4, 91-4-1, 91-3)R-2

Contract 78319

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 <sub>2</sub> O	
7+50	X	X			3 1/2	10 1/4	4	AGG			12.0	16.0	17.0	20.0									
" "	X	X			5 1/4		8	AGG			30.0												
17+50			X		3 3/4	10 1/4	4	AGG			5.5	20.0	25.0	17.0									
" "			X		4 3/4		8	AGG			10.0	8.5	21.0	20.0									
27+50	X	X			3 1/2	10 1/4	4	AGG			4.0	5.5	23.0	27.0									
" "	X	X			9 1/2		6	AGG			7.0	7.0	17.0	14.0									
37+50			X		3 1/2	9 3/4	4	AGG			16.0	25.0	30.0										
" "			X		6 1/4		8	AGG			8.5	17.0	21.0	30.0									
DATA OMITTED FROM STATION 37+50 TO 61+38																							

FILE NAME: c:\p\work\awidok\hallyb\10287455\783	USER NAME: #USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RUBBLIZATION PAVEMENT AND SUBSURFACE INVESTIGATION TABLE</b>		F.A.I. RATE: 57	SECTION: .	COUNTY: .	TOTAL SHEETS: 50	SHEET NO.: 8	CONTRACT NO. 78319
	shsta=ovr_000.index.dgn	DRAWN -	REVISED -		SHEET 3 OF 3 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT UNION/PULASKI					
	PLOT SCALE * 100.0000' / IN.	CHECKED -	REVISED -									
#MODELNAME#	PLOT DATE * 12/16/201*	DATE -	REVISED -									



STATION	ESTIMATED FILL (FT)	DESCRIPTION
UNION COUNTY		
2954+10	8.8' +	42" RCCP
2964+30	22.4'	30"
2974+90	4.6'	36" RCCP
2982+00	3'	30" RCCP
2988+60	12.7'	60" RCCP
2998+63	11.9'	60" RCCP
3008+31	6'	36" RCCP
3022+35	10' +	42" RCCP
3029+25	6'	24" RCCP
3043+20	10' +	36" RCCP
3052+71	8.1'	36" RCCP
3056+15	10' +	36" RCCP
3066+74	10' +	42" RCCP
3087+50	10' +	48" RCCP
3094+33	9'	36" RCCP
3106+40	16.4'	36" RCCP
3119+30	1.6'	36" RCCP
3136+20	19.8'	42" RCCP
3141+00	9.7'	18" RCCP
4+30	5'	36" RCCP
15+65	4.9'	54" RCCP
19+55	6.1'	36" RCCP
23+55	19.1'	48" RCCP
32+90	19.9'	30" RCCP
44+00	4.3'	24" RCCP

FILL WAS ESTIMATED FROM THE TOP OF PIPE TO TOP OF EXISTING PAVEMENT  
IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY FIELD CONDITIONS.  
NO EXISTING INFORMATION IS AVAILABLE IF ADDITIONAL EXISTING PIPES  
ARE FOUND IN THE FIELD.

FILE NAME #	USER NAME # #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS ROAD FILL HEIGHTS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\hollis\140207455\793	hollis-cvr.sog\index.dgn	DRAWN -	REVISED -			57	.	.	50	9	
#MODELNAME#	PLOT SCALE # 120.0000' / in.	CHECKED -	REVISED -			SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT CONTRACT NO. 78319			
	PLOT DATE # 12/16/2014	DATE -	REVISED -			(77-1.91-4.91-4-1.91-31R-2) UNION/PULASKI					

# SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNION CO.		PULASKI CO.		UNION CO.			
				FAI 57 (I-57)		SN 091-0019					
				90% FED	10% STATE	90% FED	10% LOCAL	90% FED	10% LOCAL		
				ROADWAY		ROADWAY		ROADWAY			
		0004		0004		0014					
25000200	SEEDING, CLASS 2	ACRE	2	1		1					
25000350	SEEDING, CLASS 7	ACRE	2	1		1					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	327	194		133					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	163	97		66					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	163	97		66					
25000700	AGRICULTURAL GROUND LIMESTONE	TON	4	2		2					
25100115	MULCH, METHOD 2	ACRE	2	1		1					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	544	323		221					
28100207	STONE RIPRAP, CLASS A4	TON	1465	868		597					
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	4360	4360							
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	8		2					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	682	449		233					
40600990	TEMPORARY RAMP	SQ YD	156	156							
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	29734	23106		6628					

# SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNION CO.		PULASKI CO.		UNION CO.			
				FAI 57 (I-57)		SN 091-0019					
				90% FED	10% STATE	90% FED	10% LOCAL	90% FED	10% LOCAL		
				ROADWAY		ROADWAY		ROADWAY			
0004		0004		0014							
40603243	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90	TON	9642	7528		2114					
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	8763	6822		1919		22			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	65	65							
44000100	PAVEMENT REMOVAL	SQ YD	4360	4360							
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	917	688				229			
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	22890	22890							
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	64577	48379		16198					
44004250	PAVED SHOULDER REMOVAL	SQ YD	13458	4360		9098					
44201019	CLASS B PATCHES, TYPE II, 14 INCH	SQ YD	193	145		48					
44201023	CLASS B PATCHES, TYPE III, 14 INCH	SQ YD	77	77							
44201025	CLASS B PATCHES, TYPE IV, 14 INCH	SQ YD	184	184							
44201299	DOWEL BARS 1 1/2"	EACH	812	680		132					
44213100	PAVEMENT FABRIC	SQ YD	261	261							
44213200	SAW CUTS	FOOT	2043	1719		324					

# SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNION CO.		PULASKI CO.		UNION CO.			
				FAI 57 (I-57)						SN 091-0019	
				90% FED	10% STATE	90% FED	10% LOCAL	90% FED	10% LOCAL		
				ROADWAY		ROADWAY		ROADWAY			
0004		0004		0014							
44213204	TIE BARS 3/4"	EACH	23	23							
48203100	HOT-MIX ASPHALT SHOULDERS	TON	28954	22408	6546						
50102400	CONCRETE REMOVAL	CU YD	0.2	0.2							
50104400	CONCRETE HEADWALL REMOVAL	EACH	79	66	13						
50300255	CONCRETE SUPERSTRUCTURE	CU YD	0.7	0.7							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	126	126							
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	79	66	13						
60100072	SHOULDER REMOVAL AND REPLACEMENT 5"	FOOT	26426	19800	6626						
60107600	PIPE UNDERDRAINS 4"	FOOT	52536	39336	13200						
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	1621	1353	268						
60260100	INLETS TO BE ADJUSTED	EACH	1	1							
60600605	CONCRETE CURB, TYPE B	FOOT	78	78							
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	5550	5550							
* 63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	75	75							

\* SPECIALTY ITEM

# SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNION CO.		PULASKI CO.		UNION CO.			
				FAI 57 (I-57)		SN 091-0019					
				90% FED	10% STATE	90% FED	10% LOCAL	90% FED	10% LOCAL		
				ROADWAY		ROADWAY		ROADWAY			
0004		0004		0014							
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	7	7							
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1							
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2							
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	3	3							
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	13	13							
63200310	GUARDRAIL REMOVAL	FOOT	6476	6476							
63500105	DELINEATORS	EACH	153	136	17						
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	52382	39554	12828						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	5	2						
67100100	MOBILIZATION	L SUM	1	0.8	0.2						
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	3	2.4	0.6						
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1							
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.8	0.2						
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.8	0.2						

14  
\* SPECIALTY ITEM

# SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNION CO.		PULASKI CO.		UNION CO.			
				FAI 57 (I-57)		SN 091-0019		SN 091-0019			
				90% FED	10% STATE	90% FED	10% LOCAL	90% FED	10% LOCAL	90% FED	10% LOCAL
				ROADWAY		ROADWAY		ROADWAY		ROADWAY	
				0004		0004		0014			
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	14		10		4				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	33		33						
* 72900100	METAL POST - TYPE A	FOOT	42		42						
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	93		93						
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	56475		43647		12828				
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	7824		6220		1604				
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	1342		1342						
* 78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	300		300						
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	59		59						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	410		329		81				
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	77		77						

14

\* SPECIALTY ITEM

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p_w\work\pwsdot\hollay\l\l\0307455\7831	drahse-cvr.scd.index.dgn	DRAWN -	REVISED -			57	*	*	50	14
*MODELNAME*	PLOT SCALE = 1/8" = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78319			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 12/16/2014	DATE -	REVISED -			SHEET 1 OF 6 SHEETS STA. TO STA.		(77-1,91-4,91-4-1,91-31R-2) UNION/PULASKI		

# SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNION CO.		PULASKI CO.		UNION CO.			
				FAI 57 (I-57)		SN 091-0019					
				90% FED	10% STATE	90% FED	10% LOCAL	90% FED	10% LOCAL		
				ROADWAY		ROADWAY		ROADWAY			
		0004		0004		0014					
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	13		13						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	410		329		81				
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	262		198		64				
□ X2503100	MOWING	UNIT	262		198		64				
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	42054		37644		4410				
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	36094		28397		7697				
X6311217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)	EACH	2		2						
* X6330900	VERTICAL ADJUSTMENT OF GUARDRAIL	FOOT	500		500						
X7010410	SPEED DISPLAY TRAILER	CAL MO	7		5		2				
Z0034105	MATERIAL TRANSFER DEVICE	TON	48045		37386		10659				
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	53871		40450		13421				
Z0055605	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	50 YD	64577		48379		16198				

\* SPECIALTY ITEM  
 □ NON-PART. (100% STATE)

# TYPICAL SECTION #1

## MILL AND RUBBLIZE

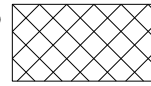
UNION & PULASKI COUNTY  
SOUTHBOUND LANES ONLY  
FAI RTE 57  
(LOOKING IN DIRECTION OF TRAVEL)

**NOTES:**

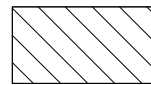
- \* 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH HOT-MIX ASPHALT BINDER COURSE
- \*\* MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM
- \*\*\* GRADING AND SHAPING SHOULDERS, 4:1 OR FLATTER (SEE SPECIAL PROVISION)

NO PRIME COAT SHOULD BE USED ON BARE RUBBLIZED PAVEMENT. REGULAR PRIME COAT MUST BE USED BETWEEN ALL SHOULDER LIFTS.

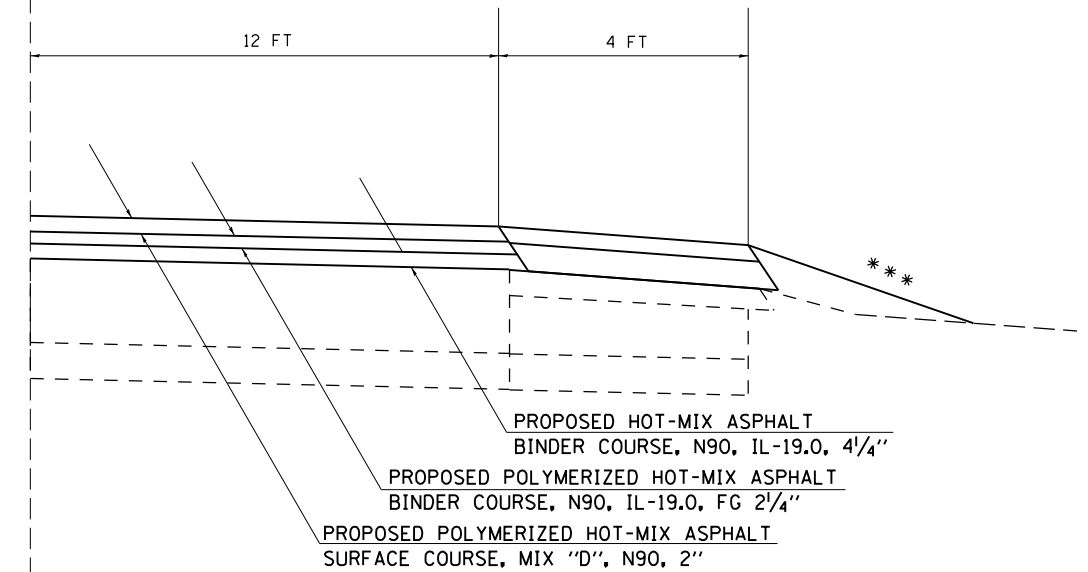
BINDER SHALL BE PLACED IN TWO LIFTS:  
4" - 3/4"



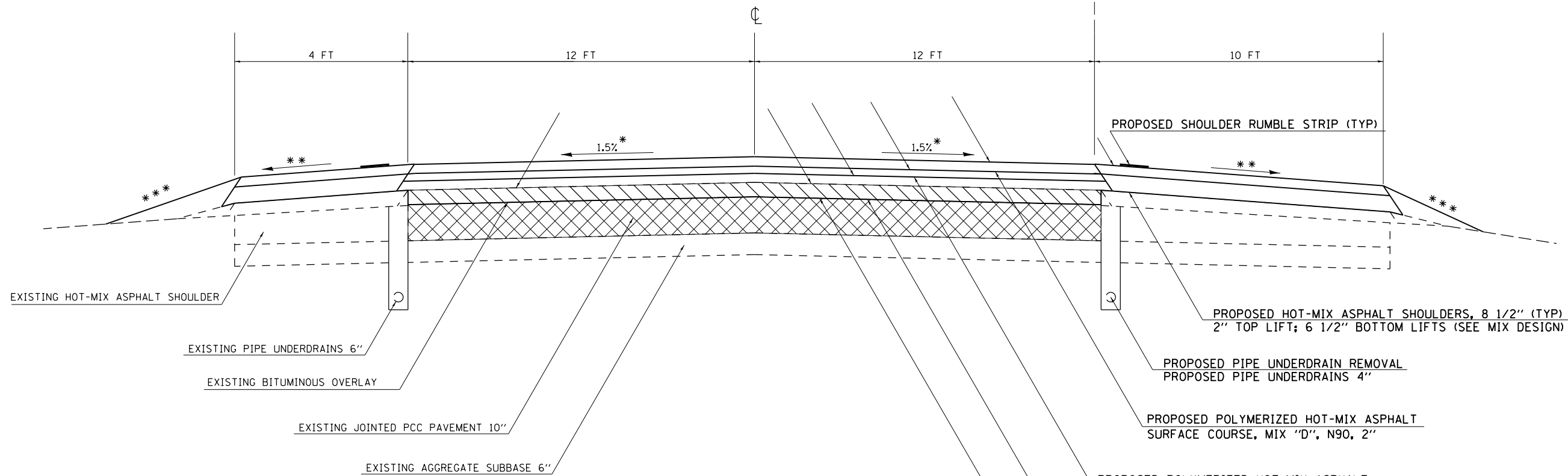
PROPOSED RUBBLIZATION OF PORTLAND CEMENT CONCRETE PAVEMENT (METHOD 1)



PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3"



THIRD LANE NEAR US 51 RAMP  
TO BE USED:  
STA 2988+32 TO STA 3001+88



TO BE USED:  
STA 2941+25 TO STA 2974+95  
STA 2980+70 TO STA 3011+58  
STA 3018+37 TO STA 3026+41  
STA 3026+29 TO STA 3037+32  
STA 3041+94 TO STA 3074+10  
STA 3077+90 TO STA 3143+51  
STA 0+00 TO STA 64+14

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

PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3"

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pw\work\p\dot\holleyb1\0307455\7831\shfb-typ-sch-tres.dgn		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/16/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	16
			CONTRACT NO. 78319	



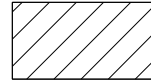
NOTES:

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

## TYPICAL SECTION #2 REMOVAL AND REPLACEMENT AT STRUCTURES

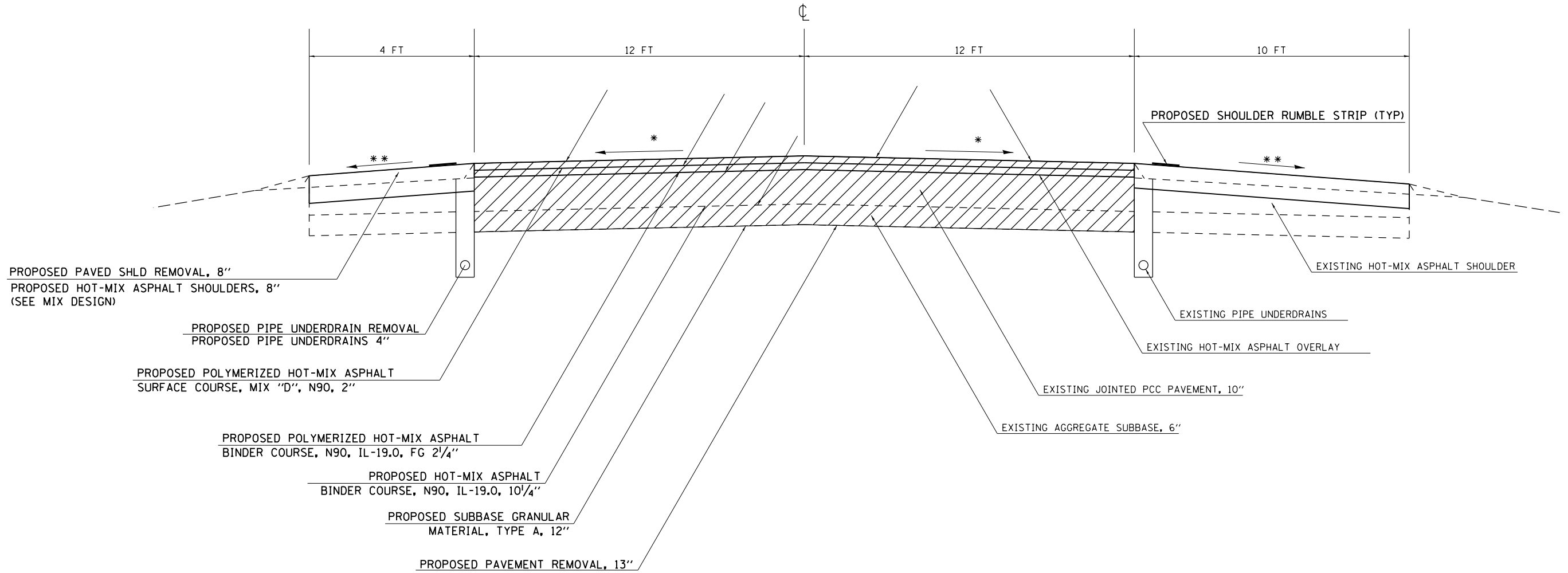
(LOOKING IN DIRECTION OF TRAVEL)

REGULAR PRIME COAT MUST BE USED BETWEEN ALL SHOULDER LIFTS.



PROPOSED PAVEMENT REMOVAL, 13"

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



PROPOSED PAVED SHLD REMOVAL, 8"  
PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"  
(SEE MIX DESIGN)

PROPOSED PIPE UNDERDRAIN REMOVAL  
PROPOSED PIPE UNDERDRAINS 4"

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

PROPOSED POLYMERIZED HOT-MIX ASPHALT  
BINDER COURSE, N90, IL-19.0, FG 2 1/4"

PROPOSED HOT-MIX ASPHALT  
BINDER COURSE, N90, IL-19.0, 10 1/4"

PROPOSED SUBBASE GRANULAR  
MATERIAL, TYPE A, 12"

PROPOSED PAVEMENT REMOVAL, 13"

PROPOSED SHOULDER RUMBLE STRIP (TYP)

EXISTING HOT-MIX ASPHALT SHOULDER

EXISTING PIPE UNDERDRAINS

EXISTING HOT-MIX ASPHALT OVERLAY

EXISTING JOINTED PCC PAVEMENT, 10"

EXISTING AGGREGATE SUBBASE, 6"

TO BE USED:

- STA 2974+95 TO STA 2980+70
- STA 3011+58 TO STA 3013+28
- STA 3016+67 TO STA 3018+37
- STA 3037+32 TO STA 3039+02
- STA 3040+24 TO STA 3041+94
- STA 3074+10 TO STA 3077+90

STRUCTURE OMISSIONS:

- STA 3013+28 TO STA 3016+67
- STA 3039+02 TO STA 3040+24

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\holleyb1\0307455\7831	shlb-tyb-sch-tes.dgn	DRAWN -	REVISED -		57	.	.	50	17			
\$MODELNAME\$	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -		SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.			CONTRACT NO. 78319				
	PLOT DATE = 12/16/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT			UNION/PULASKI				

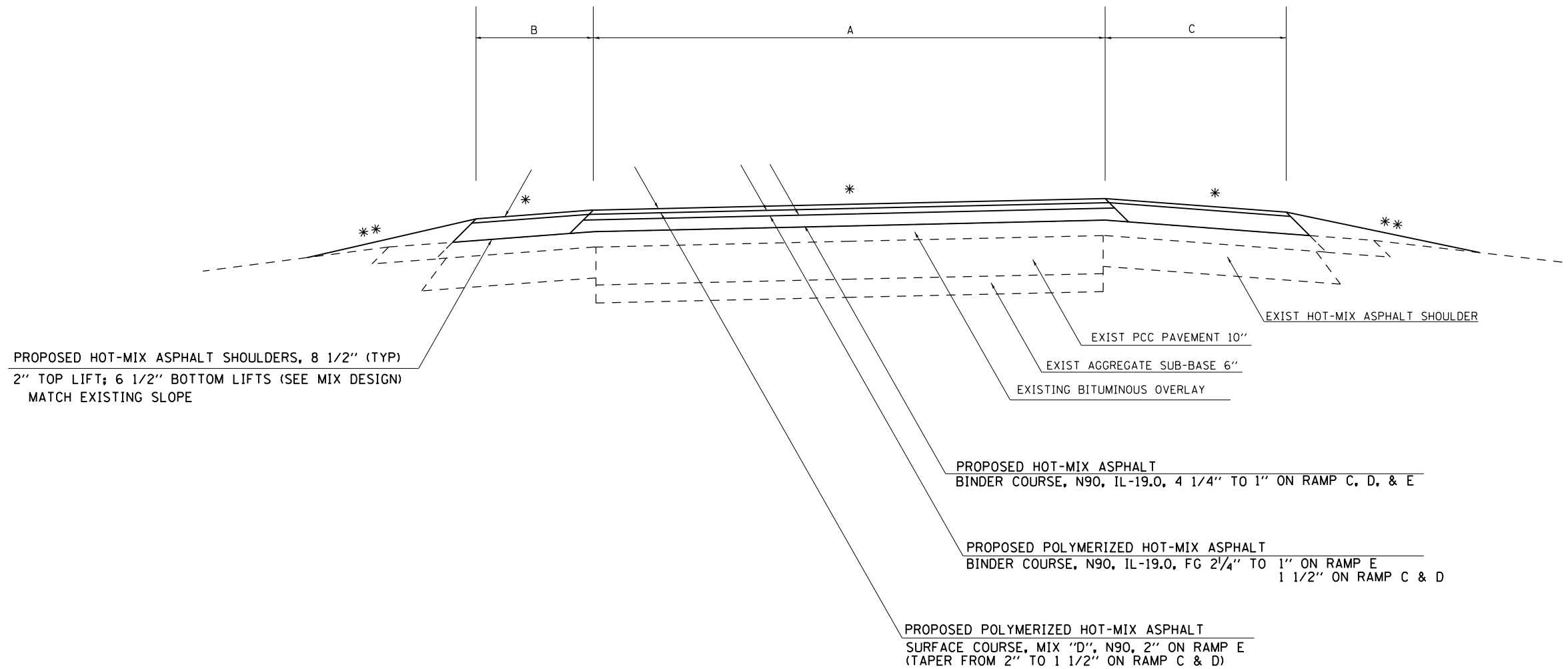
# TYPICAL SECTION #3 ENTRANCE & EXIT RAMPS

	A	B	C
RAMP C	14'	4'	9'
RAMP D	14'	4'	8'
RAMP E	16'	4'	6'

**NOTES:**

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

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



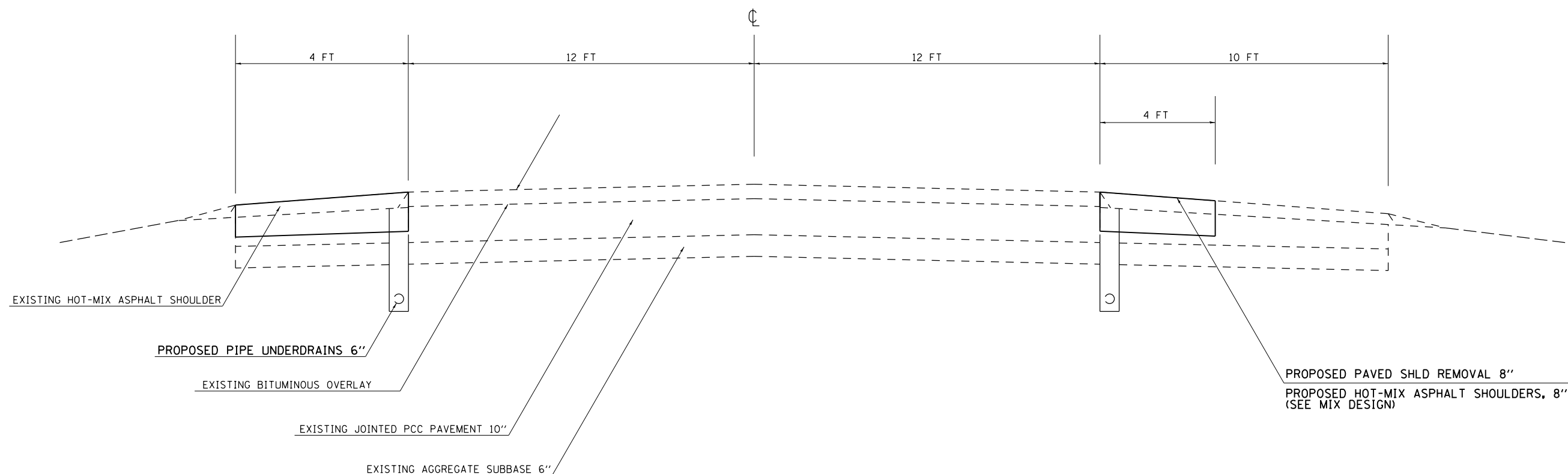
TO BE USED:  
ENTRANCE AND EXIT RAMPS

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\holleyb1\0307455\7831	shrb-tyb-sch-tyes.dgn	DRAWN -	REVISED -			57	.	.	50	18	
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78319		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 12/16/2014	DATE -	REVISED -			SCALE:	SHEET 3 OF 6 SHEETS	STA.	TO STA.	(77-1,91-4,91-4-1,91-3)R-2 UNION/PULASKI	

# STAGING TYPICAL SECTION A

## MILL AND RUBBLIZE DRIVING LANE CONSTRUCTION

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



TO BE USED:

OUTSIDE SHOULDER:

STA. 3006+50 TO STA. 3011+58  
STA. 3018+37 TO STA. 3026+41  
STA. 3026+29 TO STA. 3026+74  
STA. 3041+94 TO STA. 3074+10  
STA. 3077+90 TO 3143+51  
STA. 0+00 TO STA. 64+14

INSIDE SHOULDER:

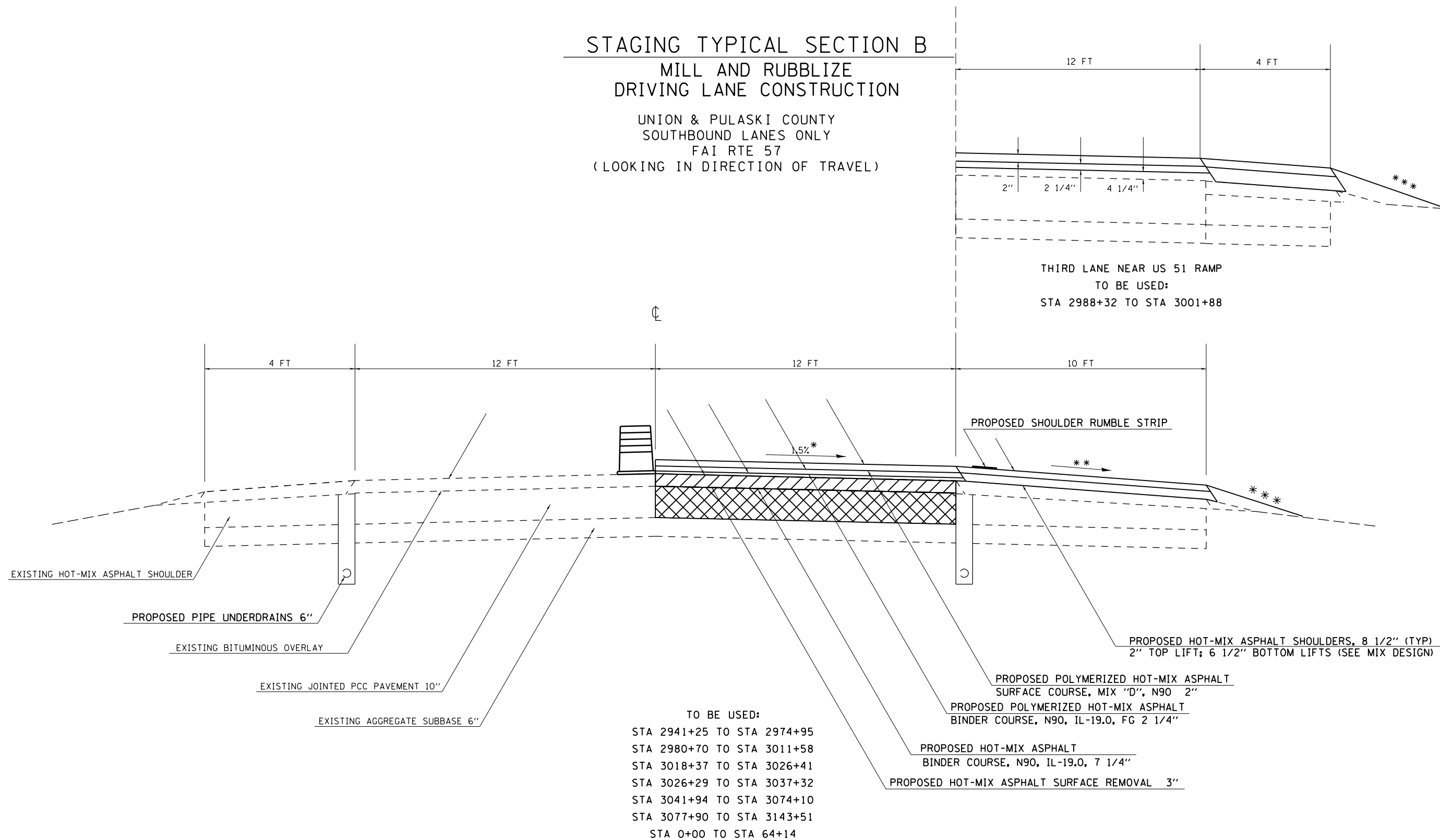
STA. 2941+25 TO STA. 2974+95  
STA. 2980+70 TO STA. 3011+58

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 = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\pwidot\holleyb1\0307455\7831	shlb-tyb-sch.ties.dgn	DRAWN -	REVISED -			57	.	.	50	19
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78319		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 12/16/2014	DATE -	REVISED -			SCALE:	SHEET 4 OF 6 SHEETS	STA.	TO STA.	

# STAGING TYPICAL SECTION B MILL AND RUBBLIZE DRIVING LANE CONSTRUCTION

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

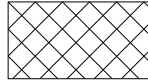



THIRD LANE NEAR US 51 RAMP  
TO BE USED:  
STA 2988+32 TO STA 3001+88

TO BE USED:  
STA 2941+25 TO STA 2974+95  
STA 2980+70 TO STA 3011+58  
STA 3018+37 TO STA 3026+41  
STA 3026+29 TO STA 3037+32  
STA 3041+94 TO STA 3074+10  
STA 3077+90 TO STA 3143+51  
STA 0+00 TO STA 64+14

**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)

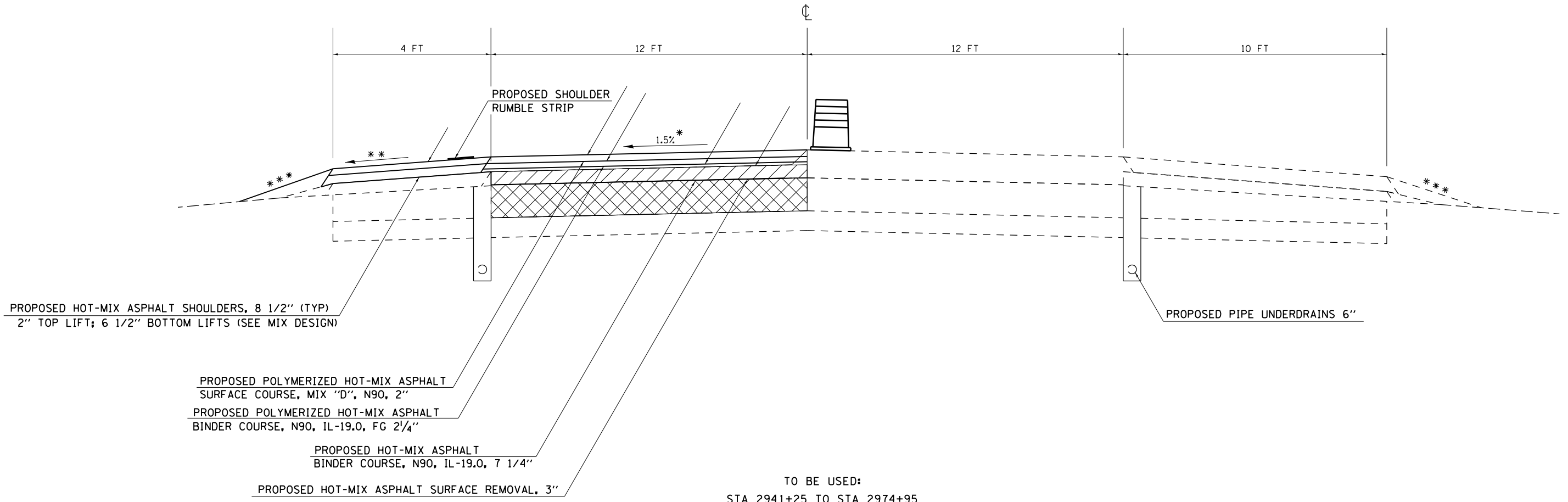
	PROPOSED RUBBLIZATION OF PORTLAND CEMENT CONCRETE PAVEMENT (METHOD 1)
	PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3"

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\h\olleyb1\d0307455\7831	shlb-tyr-sch-tries.dgn	DRAWN -	REVISED -		SCALE:	SHEET 5	OF 6	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 78319
\$MODELNAME\$	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -										
	PLOT DATE = 12/16/2014	DATE -	REVISED -										

# STAGING TYPICAL SECTION C


## MILL AND RUBBLIZE PASSING LANE CONSTRUCTION


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



TO BE USED:  
STA 2941+25 TO STA 2974+95  
STA 2980+70 TO STA 3011+58  
STA 3018+37 TO STA 3026+41  
STA 3026+29 TO STA 3037+32  
STA 3041+94 TO STA 3074+10  
STA 3077+90 TO STA 3143+51  
STA 0+00 TO STA 64+14

- 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)

 PROPOSED RUBBLIZATION OF PORTLAND CEMENT CONCRETE PAVEMENT (METHOD 1)

 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3"

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\holleyb1\d0307455\7831\shb-typ-sch-tries.dgn		DRAWN -	REVISED -					57	.	.	50	21
\$MODELNAME\$	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -		SCALE:      SHEET 6 OF 6 SHEETS      STA.      TO STA.			CONTRACT NO. 78319				
	PLOT DATE = 12/16/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT			UNION/PULASKI				

**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		
<b>SOUTHBOUND</b>											
<b>UNION COUNTY</b>											
2941+25	TO	2983+32	0	1052	4207	4207	0	0	0	0	
2983+32	TO	2988+32	1004	125	500	500	0	0	0	0	
2988+32	TO	3001+88	0	678	1356	1356	0	0	0	93	2992+00 - RT ARROW, ONLY, EXIT    2996+46 - RT ARROW, ONLY, EXIT
3001+88	TO	3010+39	0	213	557	851	1154	300	0	0.0	
3010+39	TO	3013+65	0	82	326	326	0	0	0	0.0	
3013+65	TO	3017+00	0	0	0	0	0	0	0	0	GAP SN 091-0003
3017+00	TO	3026+41 BK =	0	235	941	941	0	0	0	0	
3026+29 AH	TO	3026+74	0	11	45	45	0	0	0	0	
3026+74	TO	3028+61	0	47	187	187	188	0	0	0	
3028+61	TO	3032+43	0	191	382	382	0	0	0	0	
3032+43	TO	3039+02	0	165	659	659	0	0	0	0	
3039+02	TO	3040+20	0	0	0	0	0	0	0	0	GAP SN 091-0002
3040+20	TO	3143+51 BK =	0	2583	10331	10331	0	0	0	0	
RAMP E - US 51			0	0	420	420	0	0	0	0	
RAMP D - DONGOLA EXIT			0	0	1666	1309	0	0	59	0	
RAMP C - DONGOLA ENTRANCE			0	0	937	937	0	0	0	0	
<b>UNION COUNTY SUBTOTALS</b>			1004	5216	21855	21792	1342	300	59	93	
<b>PULASKI COUNTY</b>											
0+00 AH	TO	64+14.0	0	1604	6414	6414	0	0	0	0	
<b>PULASKI COUNTY SUBTOTALS</b>			0	1604	6414	6414	0	0	0	0	
<b>TOTALS</b>			<b>1,004</b>	<b>6,820</b>	<b>28,269</b>	<b>28,206</b>	<b>1,342</b>	<b>300</b>	<b>59</b>	<b>93</b>	
			<b>7,824</b>		<b>56,475</b>						

**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	HMA SHOULDERS TON	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					
<b>UNION COUNTY</b>															
2960+25.00 TO 2964+80.00	LT	451	350.0	37.50	1	1					6		1	210	
2960+36.00 TO 2964+41.00	RT	404	300.0	37.50	1	1					6		1	157	
2974+09.00 TO 2977+53.00	RT	332	250.0		1					1	5		1	130	
2974+85.00 TO 2977+81.00	LT	212	200.0		1					1	4		1	158	
2978+02.00 TO 2979+19.00	LT	99	87.5			1	1				4			36	
3010+51.00 TO 3013+48.00	LT	187	200.0		1				1		4		1	102	38.8*
3010+44.00 TO 3013+80.00	RT	311	137.5		1				1		5		1	107	38.8*
3017+16.00 TO 3019+06.00	RT											500		60	
3035+56.00 TO 3038+90.00	RT	315	200.0		1					1	5		1	110	
3036+17.00 TO 3039+14.00	LT	203	200.0		1						4		1	126	
3052+95.00 TO 3058+00.00	RT	437	437.5		1	1					6		1	201	
3062+47.50 TO 3069+02.00	RT	613	587.5		1	1					6		1	256	
3072+66.00 TO 3075+88.00	RT	322	137.5		1					1	5		1	145	
3084+45.00 TO 3095+75.00	RT	1125	1062.5		1	1					8		1	429	
3127+10.00 TO 3141+78.00	RT	1465	1400.00		1	1					9		1	612	
<b>TOTAL (UNION COUNTY)</b>		<b>6476</b>	<b>5550</b>	<b>75</b>	<b>13</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>77</b>	<b>500</b>	<b>13</b>	<b>2838</b>	<b>78</b>

\*CONSTRUCT CONCRETE CURB, TYPE B AT SN 091-0003 IN ACCORDANCE WITH STANDARD 631031

**RESURFACING SCHEDULE**

LOCATION STATION TO STATION	LENGTH	HMA SURF REM, 1 3/4"	HMA SURF REM, 2"	HMA SURF REM, 3"	RUBBLIZE PCC PAVEMENT	HMA BINDER COURSE	POLY HMA BINDER COURSE	POLY HMA SURFACE COURSE	MAT'L TRANSFER DEVICE	HMA SHLD	BIT MATL (PC) **	POLY BIT MATL (PC)	HMA SURF REM - BUTT JT**	TEMP RAMP	SHLD RUMBLE STRIP	PAV' T REM	SUBBASE GRANULAR MATERIAL, TYPE A, 12"	PAVED SHLD REM	
SOUTHBOUND	FEET	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	POUND	POUND	SQ YD	SQ YD	FOOT	SQ YD	SQ YD	SQ YD	
<b>UNION COUNTY</b>																			
<b>MAINLINE</b>																			
2941+25 TO 2974+95	3370.0	0.0	0.0	8986.7	8986.7	3648.6	1132.3	1006.5	5787.4	3501.8	5560.5	4044.0	0.0	0.0	6740.0	0.0	0.0	1497.8	
2974+95 TO 2980+70	575.0	0.0	8050.0	0.0	0.0	880.1	193.2	171.7	1245.1	383.3	1092.5	690.0	0.0	0.0	1150.0	1533.3	1533.3	894.4	
2980+70 TO 2988+32	762.0	0.0	0.0	2032.0	2032.0	825.0	256.0	227.6	1308.6	791.8	1257.3	914.4	0.0	0.0	1524.0	0.0	0.0	338.7	
2988+32 TO 3001+88	1356.0	0.0	0.0	3616.0	3616.0	1679.5	683.4	607.5	2970.4	978.7	2034.0	2440.8	0.0	0.0	2712.0	0.0	0.0	602.7	
3001+88 TO 3011+58	970.0	0.0	0.0	2586.7	2586.7	1050.2	325.9	289.7	1665.8	1007.9	1600.5	1164.0	0.0	0.0	1940.0	0.0	0.0	431.1	
3011+58 TO 3013+28	170.0	0.0	2380.0	0.0	0.0	260.2	57.1	50.8	368.1	312.7	323.0	204.0	0.0	0.0	340.0	453.3	453.3	264.4	
<b>GAP SN 091-0003</b>			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3016+67 TO 3018+37	170.0	0.0	2380.0	0.0	0.0	260.2	57.1	50.8	368.1	312.7	323.0	204.0	0.0	0.0	340.0	453.3	453.3	264.4	
3018+37 TO 3026+41	804.0	0.0	0.0	2144.0	2144.0	870.5	270.1	240.1	1380.7	835.4	1326.6	964.8	0.0	0.0	1608.0	0.0	0.0	357.3	
<b>EQUATION STATION</b>																			
3026+29 TO 3037+32	1103.0	0.0	0.0	2941.3	2941.3	1194.2	370.6	329.4	1894.2	1146.1	1820.0	1323.6	0.0	0.0	2206.0	0.0	0.0	490.2	
3037+32 TO 3039+02	170.0	0.0	2380.0	0.0	0.0	260.2	57.1	50.8	368.1	312.7	323.0	204.0	0.0	0.0	340.0	453.3	453.3	264.4	
<b>GAP SN 091-0002</b>			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3040+24 TO 3041+94	170.0	0.0	2380.0	0.0	0.0	260.2	57.1	50.8	368.1	312.7	323.0	204.0	0.0	0.0	340.0	453.3	453.3	264.4	
3041+94 TO 3074+10	3216.0	0.0	0.0	8576.0	8576.0	3481.9	1080.6	960.5	5522.9	3341.8	5306.4	3859.2	0.0	0.0	6432.0	0.0	0.0	1429.3	
3074+10 TO 3077+90	380.0	0.0	5320.0	0.0	0.0	581.7	127.7	113.5	822.8	349.3	722.0	456.0	0.0	0.0	760.0	1013.3	1013.3	591.1	
3077+90 TO 3143+51	6561.0	0.0	0.0	17496.0	17496.0	7103.4	2204.5	1959.6	11267.4	6817.6	10825.7	7873.2	0.0	0.0	13122.0	0.0	0.0	2916.0	
<b>RAMP E :</b>								0.0	0.0			0.0			0				
2983+32 TO 2988+32	500.0	0.0	0.0	0.0	0.0	211.6	112.0	99.6	423.1	264.4	250.0	400.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>GORE AREA</b>		3312 SQ FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	175.2	165.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>340' TAPER</b>		340.0	0.0	0.0	0.0	0.0	34.0	48.2	69.7	151.8	94.9	272.0	272.0	213.3	35.5	0.0	0.0	0.0	
<b>RAMP D :</b>																			
3001+88 TO 3006+57	469.0	0.0	0.0	0.0	0.0	173.6	91.9	81.7	347.3	198.4	750.4	328.3	0.0	0.0	0.0	0.0	0.0	0.0	
<b>GORE AREA</b>		7992 SQ FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	422.7	399.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>3006+57 TO BASE</b>		1142.2	0.0	0.0	0.0	14.9	149.4	153.8	318.0	233.0	1058.3	1158.9	115.6	38.4	0.0	0.0	0.0	0.0	
<b>BASE OF RAMP</b>		3138 SQ FT	348.7	0.0	0.0	0.0	0.0	34.2	0.0	0.0	0.0	156.9	0.0	20.7	0.0	0.0	0.0	0.0	
<b>RAMP C :</b>																			
3026+74 TO 3035+23	11363 SQ FT	0.0	0.0	0.0	0.0	300.5	159.1	141.4	601.0	404.1	933.9	568.2	0.0	0.0	0.0	0.0	0.0	0.0	
<b>GORE AREA</b>		828 SQ FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.8	41.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>3020+29.85 TO SN0019</b>		714.6				14.9	93.6	98.0	206.5	166.0	726.4	710.5	120.0	39.9	0.0	0.0	0.0	0.0	
<b>SN 091-0019 INLAY</b>		2063 SQ FT	229.2	0.0	0.0	0.0	0.0	22.5	0.0	0.0	0.0	103.2	0.0	0.0	0.0	0.0	0.0	0.0	
<b>BASE OF RAMP</b>		3050 SQ FT	338.9	0.0	0.0	0.0	0.0	33.2	0.0	0.0	0.0	152.5	0.0	20.7	0.0	0.0	0.0	0.0	
<b>UNION COUNTY SUBTOTALS</b>			917	22890	48379	48379	23106	7528	6844	37386	22408	37435.0	28397.0	449	156	39554	4360	4360	10607
<b>PULASKI COUNTY</b>																			
<b>MAINLINE</b>																			
0+00 TO 60+74	6074.0	0.0	0.0	16197.3	16197.3	6576.1	2040.9	1814.1	10431.1	6311.6	3644.4	7288.8	0.0	0.0	12148.0	0.0	0.0	2699.6	
60+74 TO 64+14	340.0	0.0	0.0	0.0	0.0	51.0	72.2	104.5	227.7	234.4	765.0	408.0	213.3	0.0	680.0	0.0	0.0	151.1	
<b>PULASKI COUNTY SUBTOTALS</b>			0	0	16198	16198	6628	2114	1919	10659	6546	4410.0	7697.0	214	0	12828	0	0	2851
<b>PROJECT TOTALS</b>			917	22890	64577	64577	29734	9642	8763	48045	28954	41845.0	36094.0	663	156	52382	4360	4360	13458

\* SEE GUARDRAIL SCHEDULE FOR ADDITIONAL QUANTITY  
 \*\* SEE MEDIAN CROSSOVER SCHEDULE FOR ADDITIONAL QUANTITY

FILE NAME :	USER NAME : \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RESURFACING SCHEDULE</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dtd\h011eyb1\00307455\7831	shb-tpj.sch.ties.dgn	DRAWN -	REVISED -			57	.	.	50	24
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78319				
	PLOT DATE = 12/16/2014	DATE -	REVISED -			SCALE:	SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT	(77-1,91-4,91-4-1,91-3)R-2	UNION/PULASKI



**PAVED DITCH REMOVAL SCHEDULE**

LOCATION				ACTUAL LENGTH TO BE BROKEN IN PLACE	STONE RIPRAP, CLASS A4	SEEDING, CLASS 2	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	TEMP. EROSION CONTROL SEEDING
STATION	TO	STATION	LT/RT	FEET	TON	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	POUND
<b>UNION COUNTY</b>													
2944+14	TO	2944+46	LT	33	18.3	0.02	0.02	4.09	2.05	2.05	0.0	0.02	6.82
2949+00	TO	2951+46	RT	247	137.2	0.17	0.17	30.62	15.31	15.31	0.3	0.17	51.03
2950+38	TO	2950+52	LT	14	7.8	0.01	0.01	1.74	0.87	0.87	0.0	0.01	2.89
2957+45	TO	2960+36	RT	291	161.7	0.20	0.20	36.07	18.04	18.04	0.4	0.20	60.12
2959+70	TO	2960+25	LT	55	30.6	0.04	0.04	6.82	3.41	3.41	0.1	0.04	11.36
2970+73	TO	2974+04	RT	332	184.4	0.23	0.23	41.16	20.58	20.58	0.5	0.23	68.60
2972+72	TO	2974+85	LT	213	118.3	0.15	0.15	26.40	13.20	13.20	0.3	0.15	44.01
3009+26	TO	3009+55	LT	28	15.6	0.02	0.02	3.47	1.74	1.74	0.0	0.02	5.79
3024+30	TO	3025+47	RT	122	67.8	0.08	0.08	15.12	7.56	7.56	0.2	0.08	25.21
3044+67	TO	3045+15	RT	48	26.7	0.03	0.03	5.95	2.98	2.98	0.1	0.03	9.92
3096+02	TO	3096+30	RT	29	16.1	0.02	0.02	3.60	1.80	1.80	0.0	0.02	5.99
3103+50	TO	3104+02	RT	52	28.9	0.04	0.04	6.45	3.22	3.22	0.1	0.04	10.74
3108+70	TO	3109+67	RT	97	53.9	0.07	0.07	12.02	6.01	6.01	0.1	0.07	20.04
<b>UNION COUNTY SUBTOTAL</b>					<b>868</b>	<b>1.10</b>	<b>1.10</b>	<b>193.6</b>	<b>96.8</b>	<b>96.8</b>	<b>2.2</b>	<b>1.10</b>	<b>322.6</b>
<b>PULASKI COUNTY</b>													
19+96	TO	20+34	LT	36	20.0	0.02	0.02	4.46	2.23	2.23	0.0	0.02	7.44
22+69	TO	22+82	LT	13	7.2	0.01	0.01	1.61	0.81	0.81	0.0	0.01	2.69
29+00	TO	29+40	LT	40	22.2	0.03	0.03	4.96	2.48	2.48	0.1	0.03	8.26
34+64	TO	36+50	LT	185	102.8	0.13	0.13	22.93	11.47	11.47	0.3	0.13	38.22
40+59	TO	41+02	RT	43	23.9	0.03	0.03	5.33	2.67	2.67	0.1	0.03	8.88
40+67	TO	42+11	LT	142	78.9	0.10	0.10	17.60	8.80	8.80	0.2	0.10	29.34
46+80	TO	50+54	LT	372	206.7	0.26	0.26	46.12	23.06	23.06	0.5	0.26	76.86
48+66	TO	51+07	RT	242	134.4	0.17	0.17	30.00	15.00	15.00	0.3	0.17	50.00
<b>PULASKI COUNTY SUBTOTAL</b>					<b>597</b>	<b>0.80</b>	<b>0.80</b>	<b>133.1</b>	<b>66.6</b>	<b>66.6</b>	<b>1.5</b>	<b>0.80</b>	<b>221.7</b>
<b>PROJECT TOTAL</b>					<b>1465</b>	<b>1.90</b>	<b>1.90</b>	<b>326.7</b>	<b>163.4</b>	<b>163.4</b>	<b>3.7</b>	<b>1.90</b>	<b>544.3</b>

**DELINEATOR/ RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE**

LOCATION			DELINEATORS	RAISED REFLECTIVE PAVEMENT MARKERS
STATION TO STATION			EACH	EACH
<b>UNION COUNTY</b>				
2941+25.0	TO	3013+65.0	19	91
3017+00.0	TO	3026+40.7	3	12
3026+28.8	TO	3039+02.0	4	16
3040+20.0	TO	3143+51.0	26	130
CROSSOVER STA 3055+75			2	0
CROSSOVER STA 3119+70			2	0
RAMP E			3	30
RAMP D			57	40
RAMP C			20	10
<b>UNION COUNTY SUBTOTAL</b>			<b>136</b>	<b>329</b>
<b>PULASKI COUNTY</b>				
0+00.0	TO	64+14.0	17	81
<b>PULASKI COUNTY SUBTOTAL</b>			<b>17</b>	<b>81</b>
<b>TOTALS</b>			<b>153</b>	<b>410</b>

**MEDIAN CROSSOVER SCHEDULE**

STATION	AREA (SQ FT)	INCIDENTAL HMA SURFACING	BITUMINOUS MAT'L (PRIME COAT)	GRADING AND SHAPING SHLDS	HMA SURF REM - BT JT
		TON	POUND	UNIT	SQ YD
<b>UNION COUNTY</b>					
3055+75	1392	45	139.2	1.1	19
3119+70	693	19	69.3	0.8	
<b>TOTALS</b>		<b>65</b>	<b>208.5</b>	<b>2</b>	<b>19</b>

**UNDERDRAIN REMOVAL SCHEDULE**

LOCATION	CONCRETE HEADWALL REMOVAL	PIPE UNDERDRAIN REMOVAL
UNION COUNTY	EACH	FOOT
2941+25 TO 3013+36 LT		7211
2941+25 TO 3013+36 RT		7211
3017+28 TO 3038+76 LT		2148
3017+28 TO 3038+76 RT		2148
3040+46 TO 3143+51 LT		10305
3040+46 TO 3143+51 RT		10305
2942+49 RT	1	17
2947+99 RT	1	17
2952+24 RT	1	17
2955+36 LT	1	17
2957+34 RT	1	17
2965+40 RT	1	17
2967+88 LT	1	17
2969+64 LT	1	17
2969+93 RT	1	17
2980+34 RT	1	17
2982+83 LT	1	17
2985+35 LT	1	17
2990+35 LT	1	17
2992+92 RT	1	17
2997+84 LT	1	17
3001+57 RT	1	17
3002+86 LT	1	17
3003+43 RT	1	17
3007+85 LT	1	17
3017+37 LT	1	17
3020+85 LT	1	17
3022+78 RT	1	17
3025+35 LT	1	17
3029+65 RT	1	17

LOCATION	CONCRETE HEADWALL REMOVAL	PIPE UNDERDRAIN REMOVAL
UNION COUNTY (CONT)	EACH	FOOT
3029+94 LT	1	17
3034+98 RT	1	17
3035+00 LT	1	17
3040+87 RT	1	17
3041+49 LT	1	17
3047+48 RT	1	17
3047+50 LT	1	17
3052+55 LT	1	17
3052+58 RT	1	17
3059+32 RT	1	17
3060+91 LT	1	17
3065+65 RT	1	17
3072+46 LT	1	17
3072+48 RT	1	17
3077+48 RT	1	17
3077+51 LT	1	17
3082+51 LT	1	17
3082+55 RT	1	17
3087+20 LT	1	17
3087+21 RT	1	17
3092+50 LT	1	17
3092+51 RT	1	17
3097+50 LT	1	17
3097+51 RT	1	17
3101+15 LT	1	17
3102+33 RT	1	17
3106+30 LT	1	17
3108+60 RT	1	17
3112+51 RT	1	17
3112+53 LT	1	17

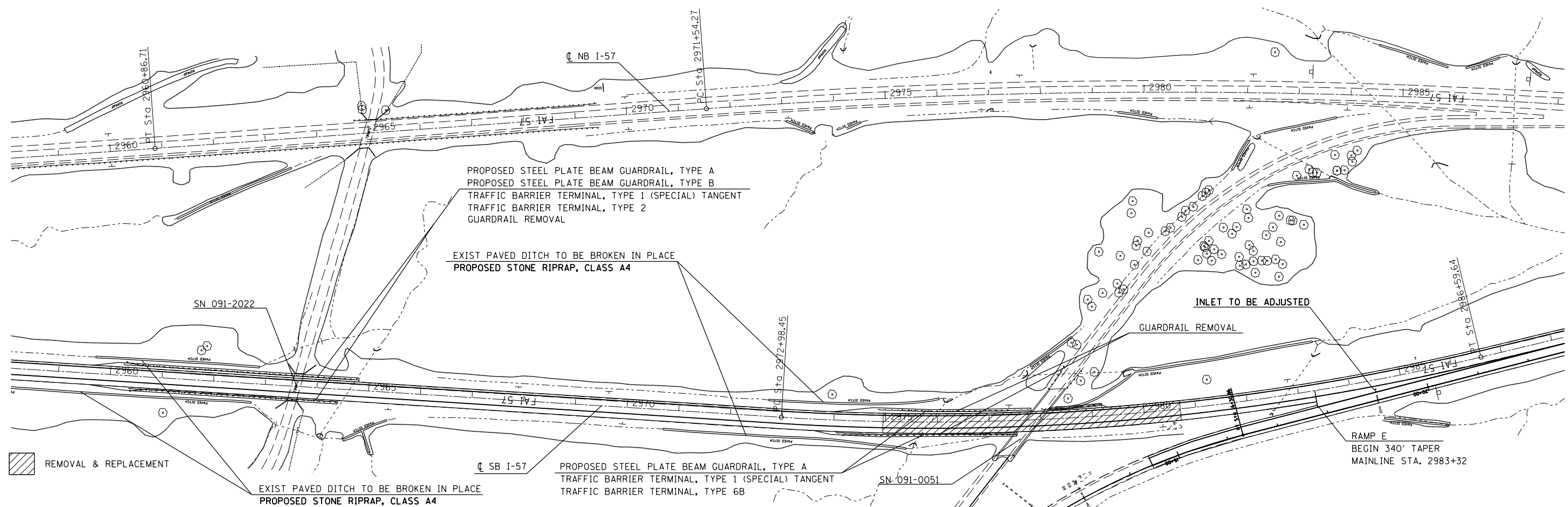
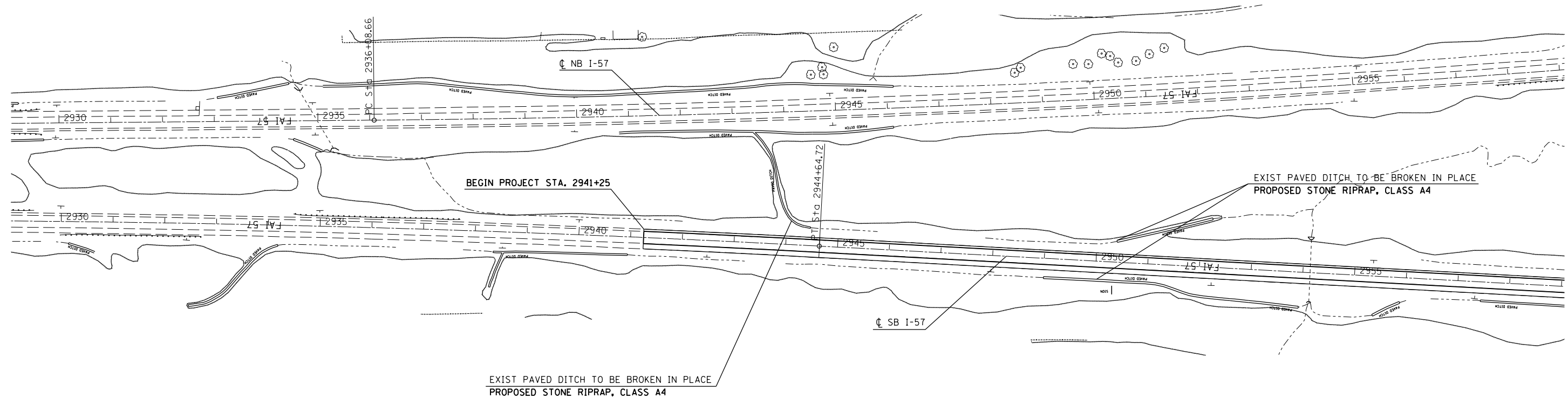
LOCATION	CONCRETE HEADWALL REMOVAL	PIPE UNDERDRAIN REMOVAL
UNION COUNTY (CONT)	EACH	FOOT
3117+50 RT	1	17
3117+53 RT	1	17
3122+53 LT	1	17
3122+55 RT	1	17
3127+53 LT	1	17
3129+79 LT	1	17
3132+52 RT	1	17
3135+38 LT	1	17
3140+03 RT	1	17
3140+03 LT	1	17
3143+00 RT	1	17
3143+07 LT	1	17
<b>SUBTOTAL (UNION CO)</b>	<b>66</b>	<b>40450</b>
<b>PULASKI COUNTY</b>		
0+00 TO 66+00 LT		6600
0+00 TO 66+00 RT		6600
0+18 RT	1	17
5+05 RT	1	17
6+99 LT	1	17
8+04 RT	1	17
13+97 RT	1	17
14+05 LT	1	17
18+00 RT	1	17
18+02 LT	1	17
28+02 LT	1	17
32+98 RT	1	17
33+02 LT	1	17
49+66 LT	1	17
50+02 RT	1	17
<b>SUBTOTAL (PULASKI CO)</b>	<b>13</b>	<b>13421</b>
<b>TOTAL</b>	<b>79</b>	<b>53871</b>

**UNDERDRAIN SCHEDULE**

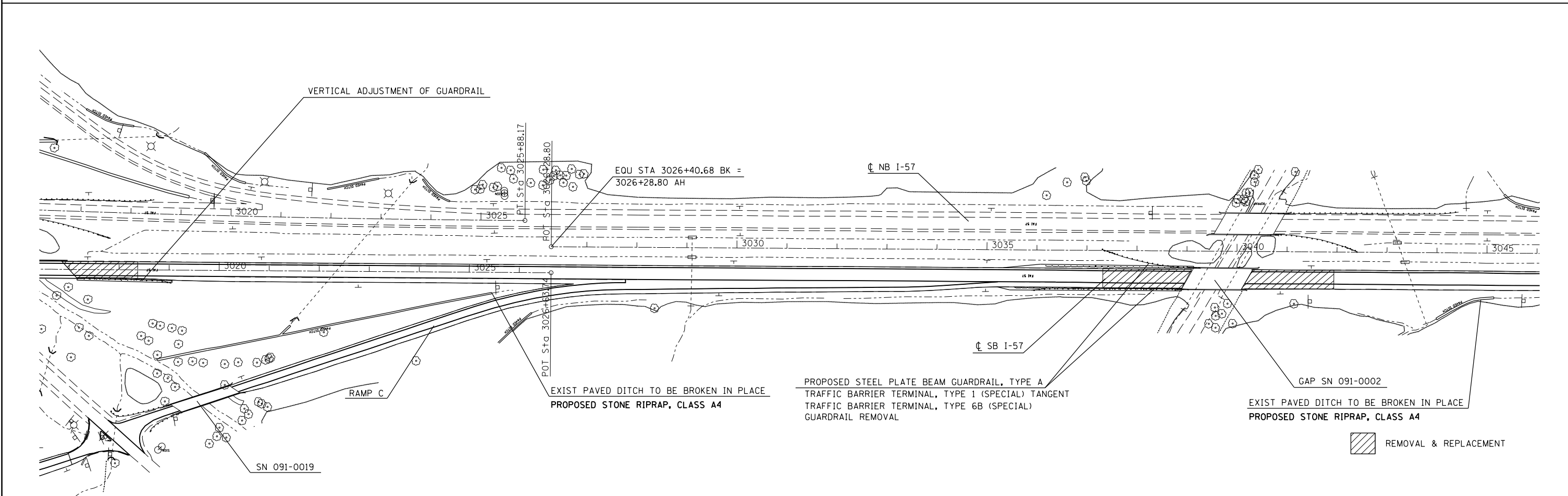
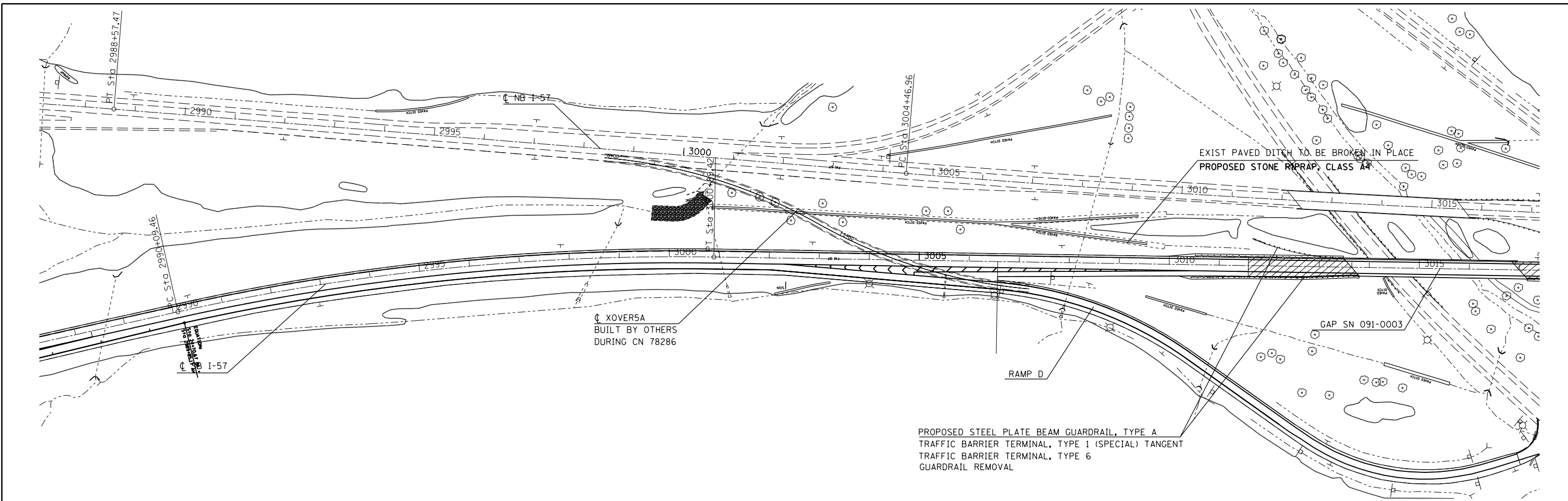
LOCATION		CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDER-DRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)
UNION COUNTY		EACH	FOOT	FOOT
2941+25 TO 3013+36	LT		7069	
2941+25 TO 3013+36	RT		7069	
3017+28 TO 3038+76	LT		2357	
3017+28 TO 3038+76	RT		2357	
3040+46 TO 3143+51	LT		10242	
3040+46 TO 3143+51	RT		10242	
2942+49	RT	1		22
2947+99	RT	1		22
2951+94	RT	1		22
2955+36	LT	1		19
2957+34	RT	1		22
2965+40	RT	1		22
2967+88	LT	1		19
2969+64	LT	1		19
2969+93	RT	1		22
2980+34	RT	1		22
2982+83	LT	1		19
2985+35	LT	1		19
2990+35	LT	1		19
2992+92	RT	1		22
2997+84	LT	1		19
3001+57	RT	1		22
3002+86	LT	1		19
3003+43	RT	1		22
3007+85	LT	1		19
3017+37	LT	1		19
3020+85	LT	1		19
3019+78	RT	1		22
3025+35	LT	1		19
3029+65	RT	1		22
3029+94	LT	1		19
3034+98	RT	1		22
3035+00	LT	1		19
3040+87	RT	1		22
3041+49	LT	1		19
3047+48	RT	1		22
3047+50	LT	1		19
3052+55	LT	1		19
3052+58	RT	1		22
3059+32	RT	1		22

LOCATION		CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDER-DRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)
UNION CO (CONT)		EACH	FOOT	FOOT
3060+91	LT	1		19
3065+65	RT	1		22
3072+46	LT	1		19
3072+48	RT	1		22
3077+48	RT	1		22
3077+51	LT	1		19
3082+51	LT	1		19
3082+55	RT	1		22
3087+20	LT	1		19
3087+21	RT	1		22
3092+50	LT	1		19
3092+51	RT	1		22
3097+50	LT	1		19
3097+51	RT	1		22
3101+15	LT	1		19
3102+33	RT	1		22
3106+30	LT	1		19
3108+60	RT	1		22
3112+51	RT	1		22
3112+53	LT	1		19
3117+50	RT	1		22
3117+53	RT	1		22
3119+53	LT	1		19
3119+55	RT	1		22
3127+53	LT	1		19
3129+79	LT	1		19
3132+52	RT	1		22
3135+38	LT	1		19
3140+03	RT	1		22
3140+03	LT	1		19
3143+00	RT	1		22
3143+07	LT	1		19
<b>SUBTOTAL (UNION)</b>		<b>66</b>	<b>39336</b>	<b>1353</b>

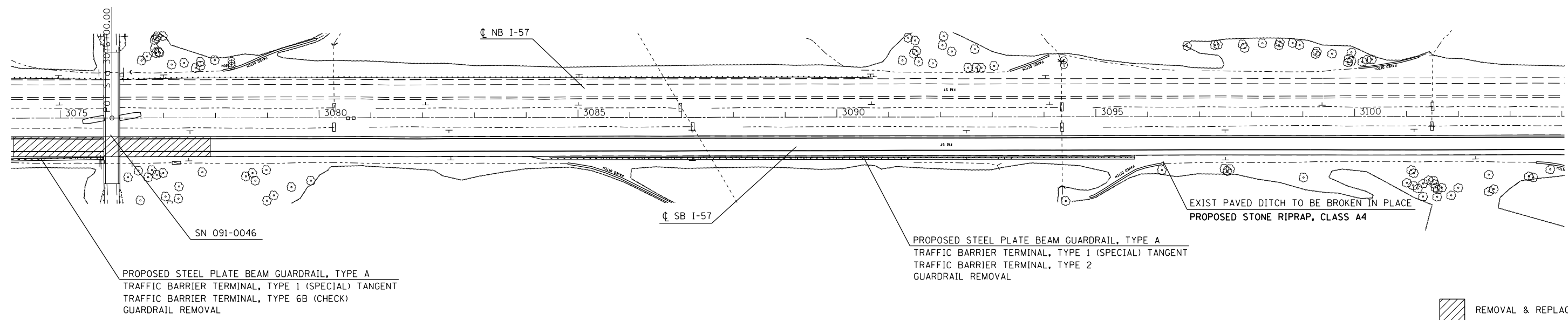
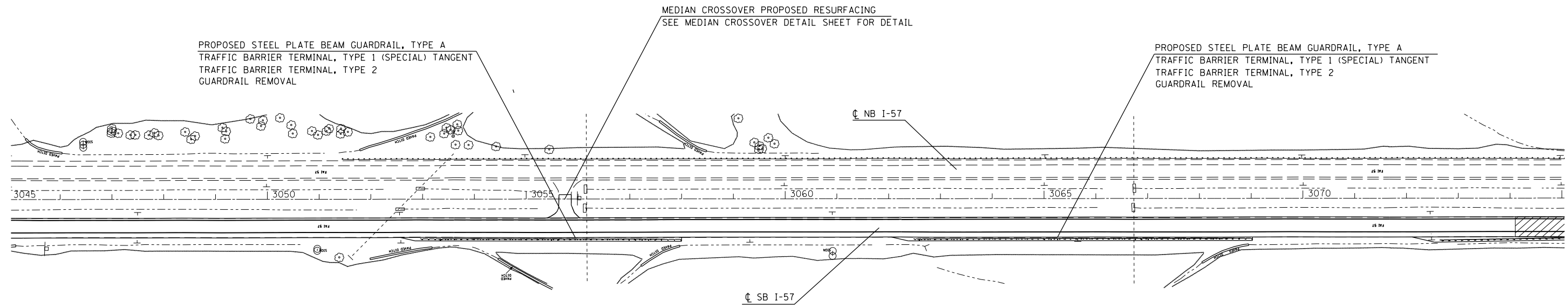
LOCATION		CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDER-DRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)
PULASKI COUNTY		EACH	FOOT	FOOT
0+00 TO 66+00	LT		6600	
0+00 TO 66+00	RT		6600	
0+18	RT	1		22
505	RT	1		22
699	LT	1		19
804	RT	1		22
1397	RT	1		22
1405	LT	1		19
1800	RT	1		22
1802	LT	1		19
28+02	LT	1		19
32+98	RT	1		22
33+02	LT	1		19
49+66	LT	1		19
50+02	RT	1		22
<b>SUBTOTAL (PULASKI)</b>		<b>13</b>	<b>13200</b>	<b>268</b>
<b>TOTAL</b>		<b>79</b>	<b>52536</b>	<b>1621</b>



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEETS ALONG I-57</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\h\olleyb1\00307455\78319\shet-plan.dgn		DRAWN -	REVISED -		57	.	.	50	28			
	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.			CONTRACT NO. 78319				
#MODELNAME\$	PLOT DATE = 12/16/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT			UNION/PULASKI				



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEETS ALONG I-57</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\pwidot\holleyb1\d0307455\7831\p-shite-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET 2	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	50	29
#MODELNAME#	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 78319								
	PLOT DATE = 12/16/2014	DATE -	REVISED -		(77-1,91-4,91-4-1,91-3)R-2 UNION/PULASKI								



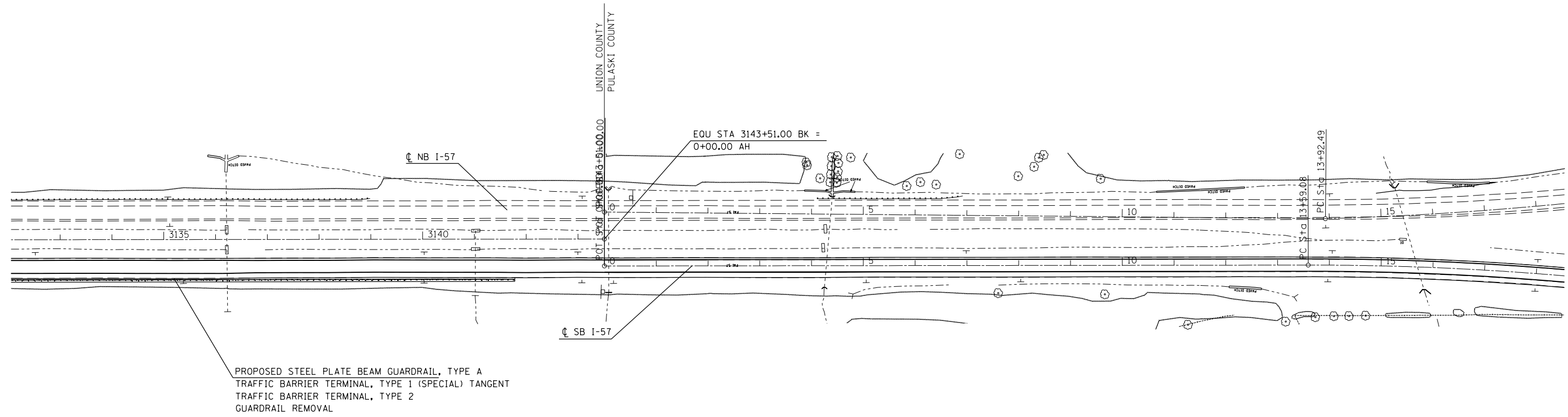
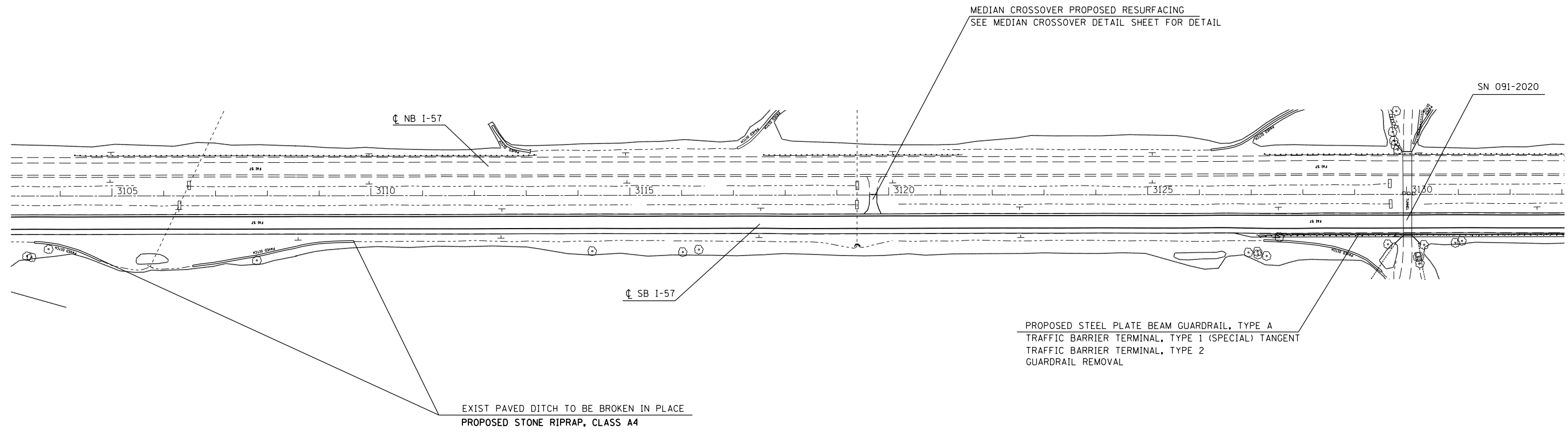
REMOVAL & REPLACEMENT

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
e:\pwork\pwork\pwork\hollayb1\0307455\7831\shete-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 12/16/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS ALONG I-57</b>			
SCALE:	SHEET 3	OF 6 SHEETS	STA. TO STA.

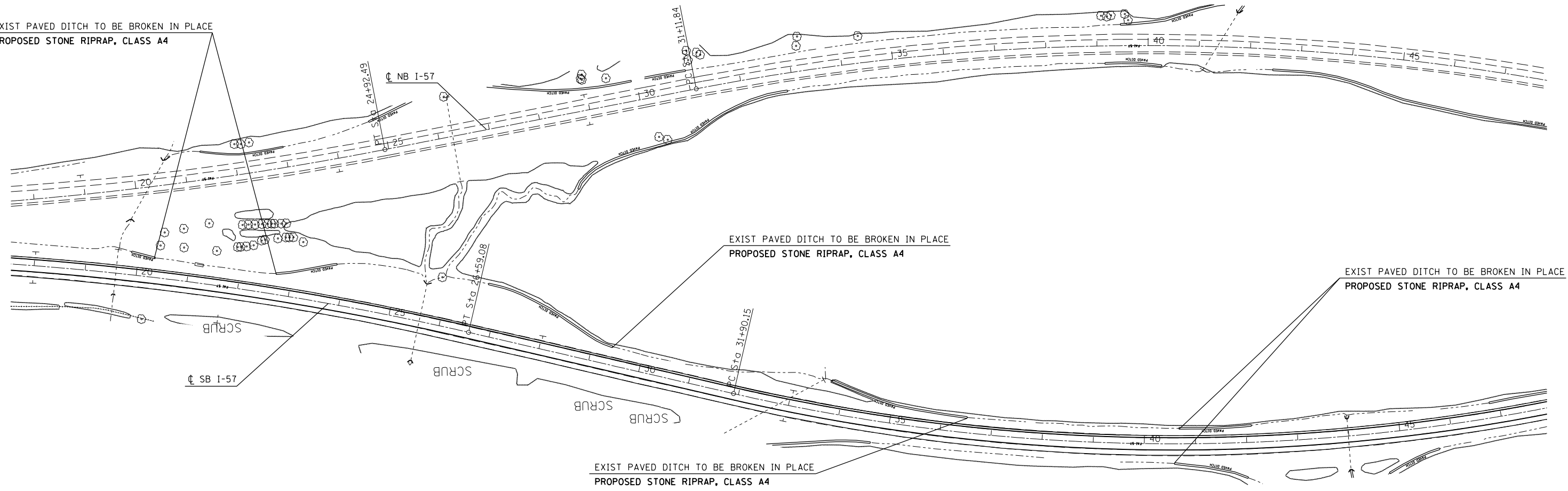
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78319	



 REMOVAL & REPLACEMENT

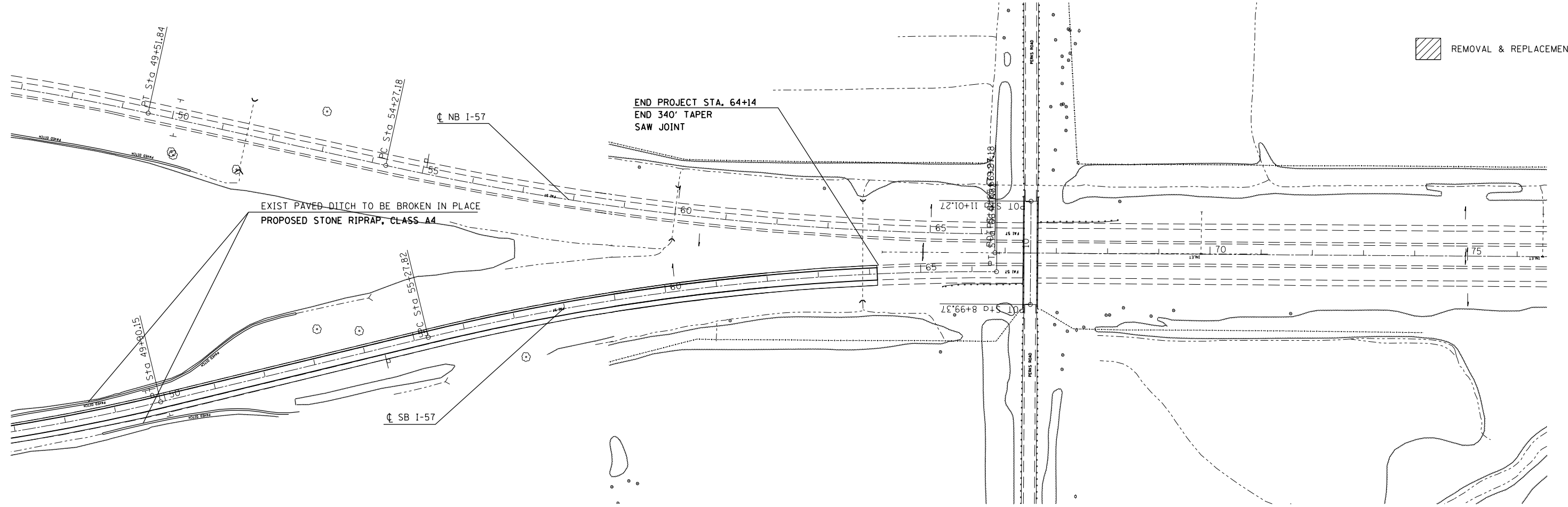
FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEETS ALONG I-57</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\holleyb1\0307455\78319\shc-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET 4	OF 6	SHEETS	STA.	TO STA.	57	50	31
#MODELNAME#	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -									CONTRACT NO. 78319	
	PLOT DATE = 12/16/2014	DATE -	REVISED -									ILLINOIS FED. AID PROJECT UNION/PULASKI	

EXIST PAVED DITCH TO BE BROKEN IN PLACE  
PROPOSED STONE RIPRAP, CLASS A4



REMOVAL & REPLACEMENT

END PROJECT STA. 64+14  
END 340' TAPER  
SAW JOINT



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pwork\pwork\dot\holleyb1\0307455\7831\shc-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 12/16/2014	DATE -	REVISED -

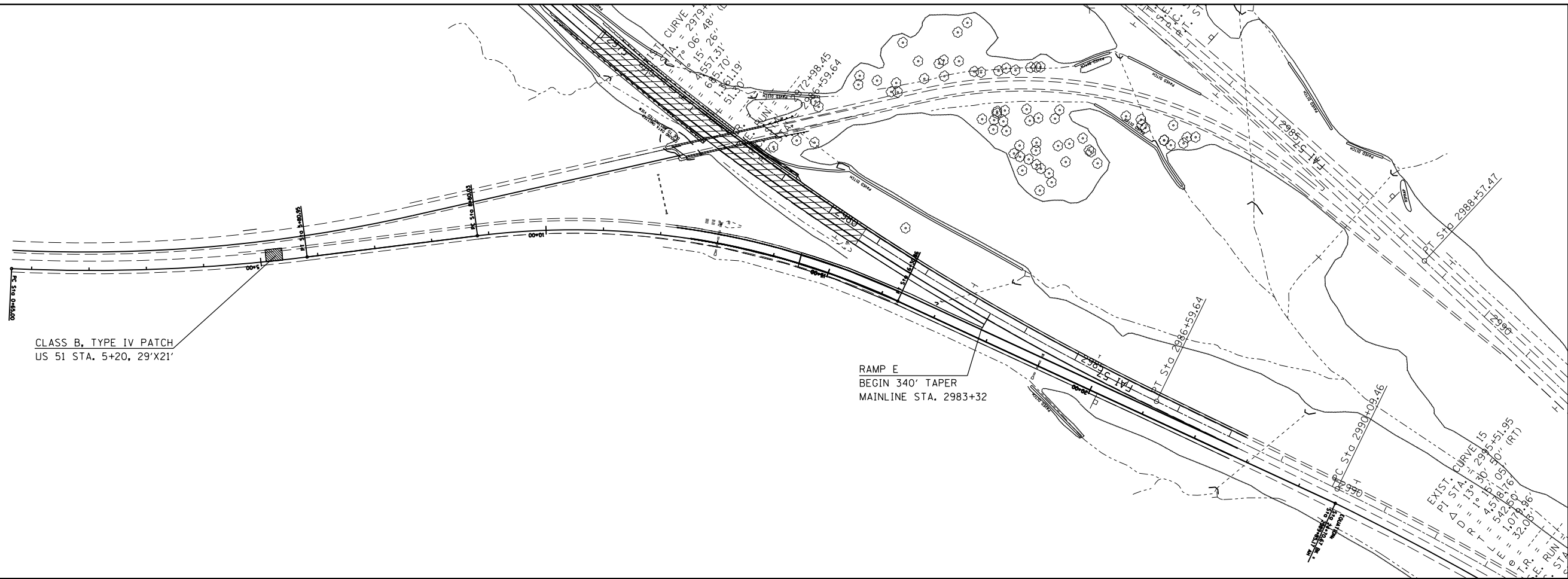
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS ALONG I-57

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	32
			CONTRACT NO. 78319	
			ILLINOIS FED. AID PROJECT	





FILE NAME = e:\pw\work\p\dot\holleyb1\d0307455\7831	USER NAME = #USER# p-shite-plan.dgn	DESIGNED - DRAWN -	REVISED - REVISED -
#MODELNAME#	PLOT SCALE = 200.0000' / in. PLOT DATE = 12/16/2014	CHECKED - DATE -	REVISED - REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

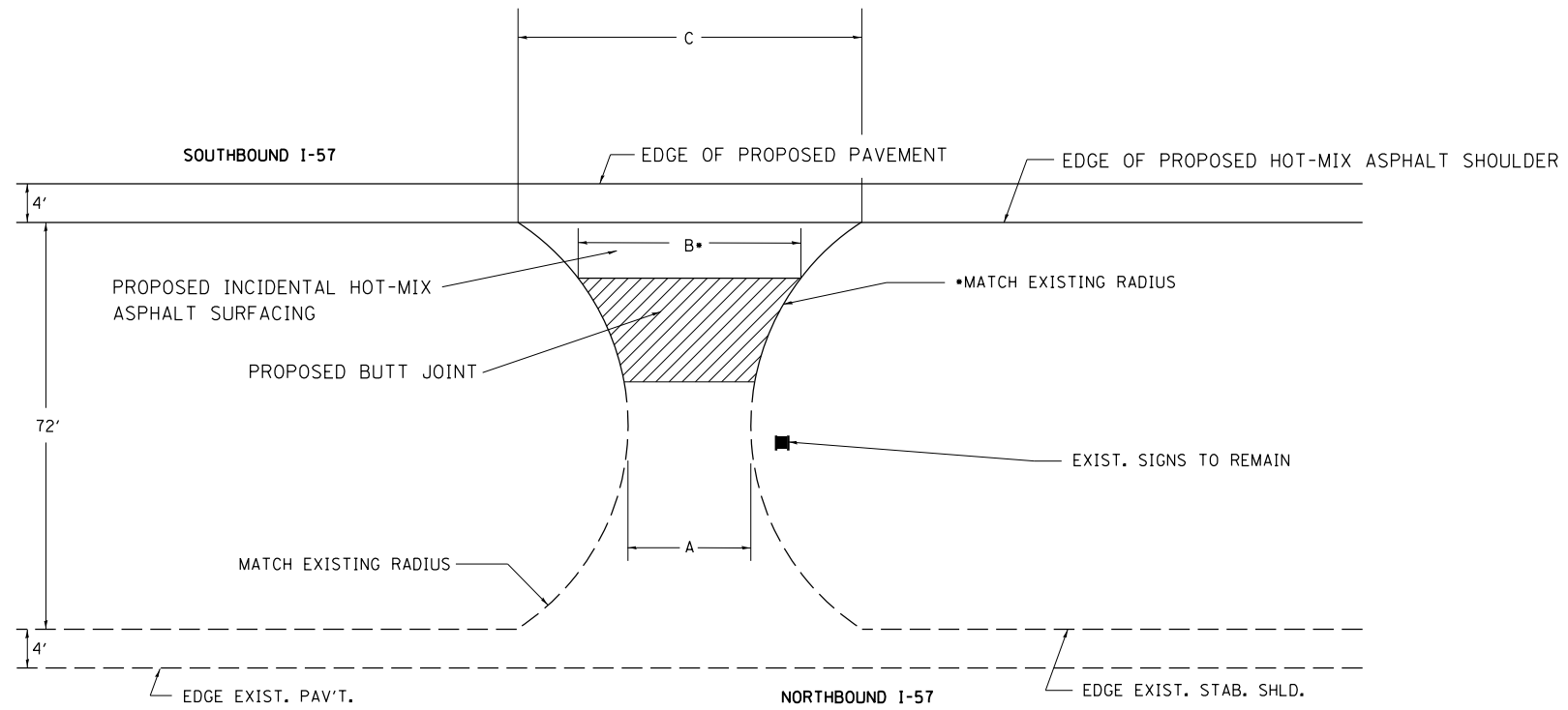
PLAN SHEETS ALONG US 51			
SCALE:	SHEET 6	OF 6 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78319	

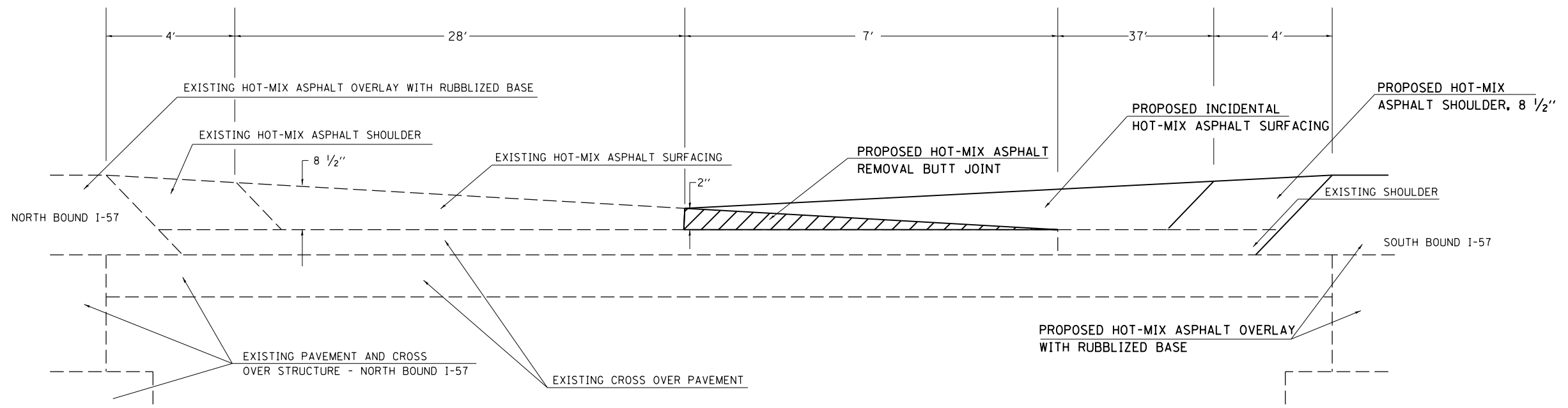
## DETAIL OF MEDIAN CROSSOVER PLAN VIEW

TO BE USED:

STATION	A (FOOT)	B (FOOT)	C (FOOT)
3055+75	24.0	34.5	61.6



## DETAIL OF MEDIAN CROSSOVER CROSS SECTIONAL VIEW



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pwork\pwork\hollayb1\0307455\7831	shu-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/16/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MEDIAN CROSS OVER DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78319	

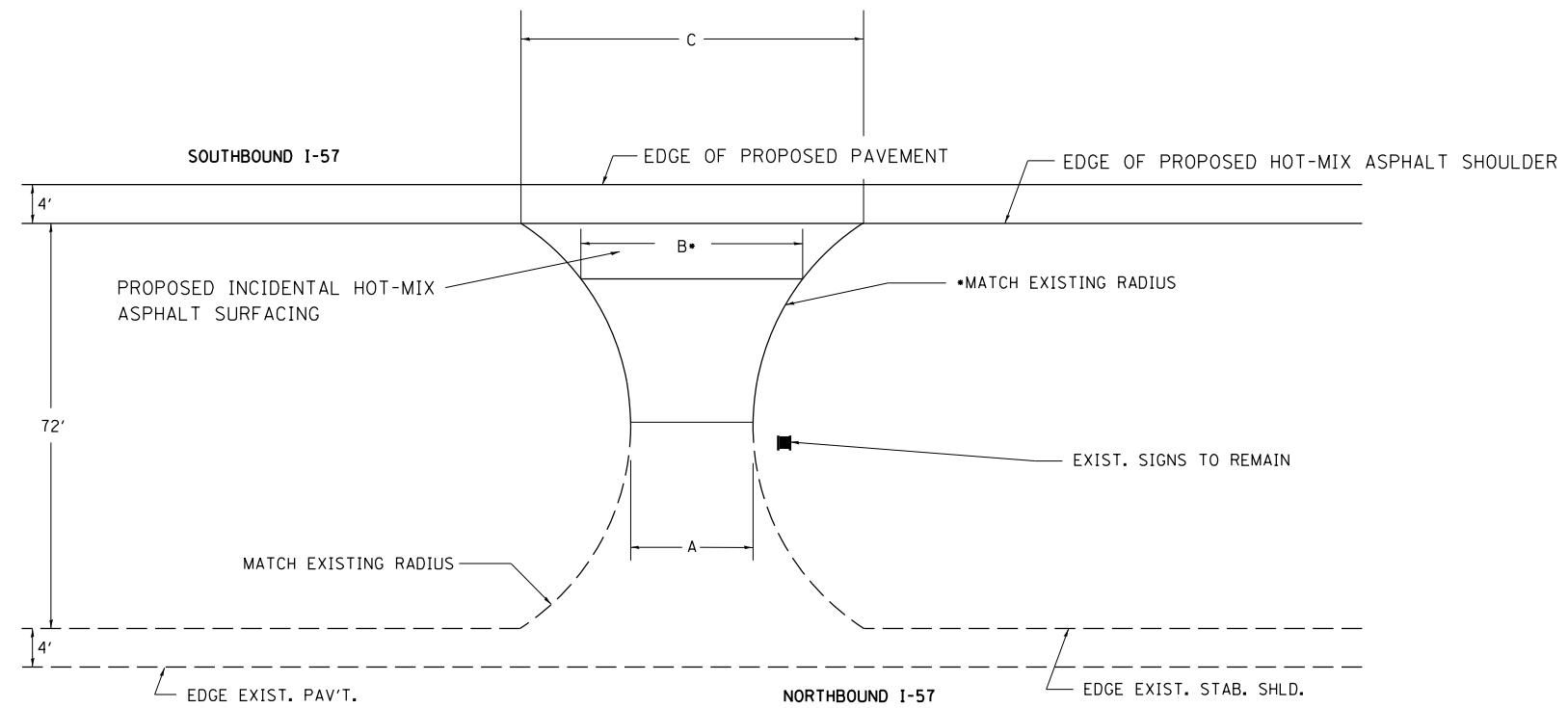
(77-1,91-4,91-4-1,91-3)R-2

UNION/PULASKI

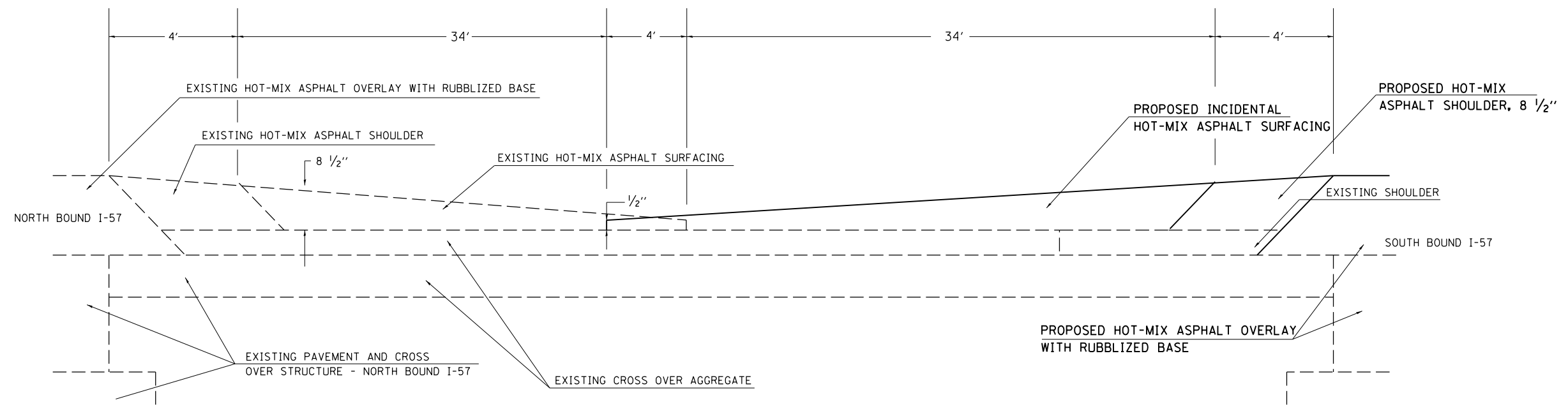
## DETAIL OF MEDIAN CROSSOVER PLAN VIEW

TO BE USED:

STATION	A (FOOT)	B (FOOT)	C (FOOT)
3119+70	14.0	19.9	28.8

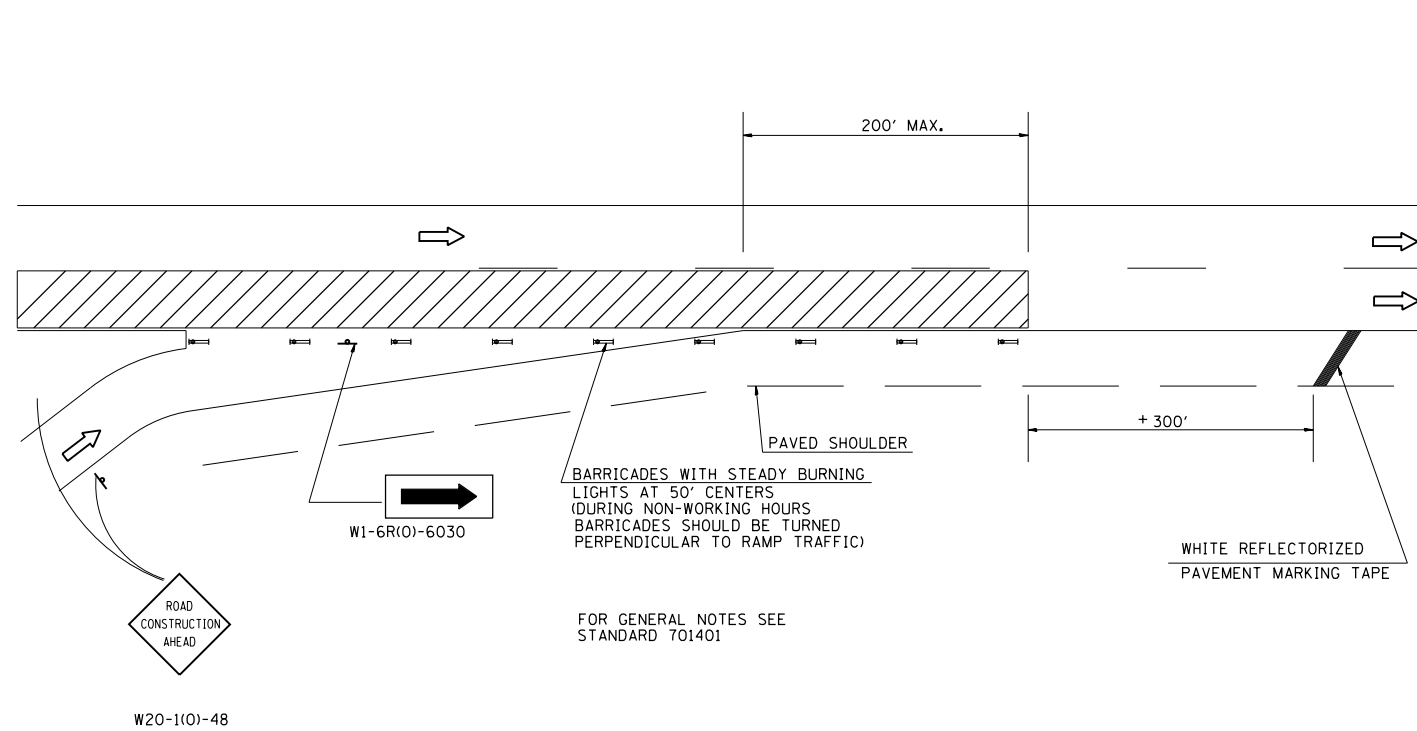


## DETAIL OF MEDIAN CROSSOVER CROSS SECTIONAL VIEW

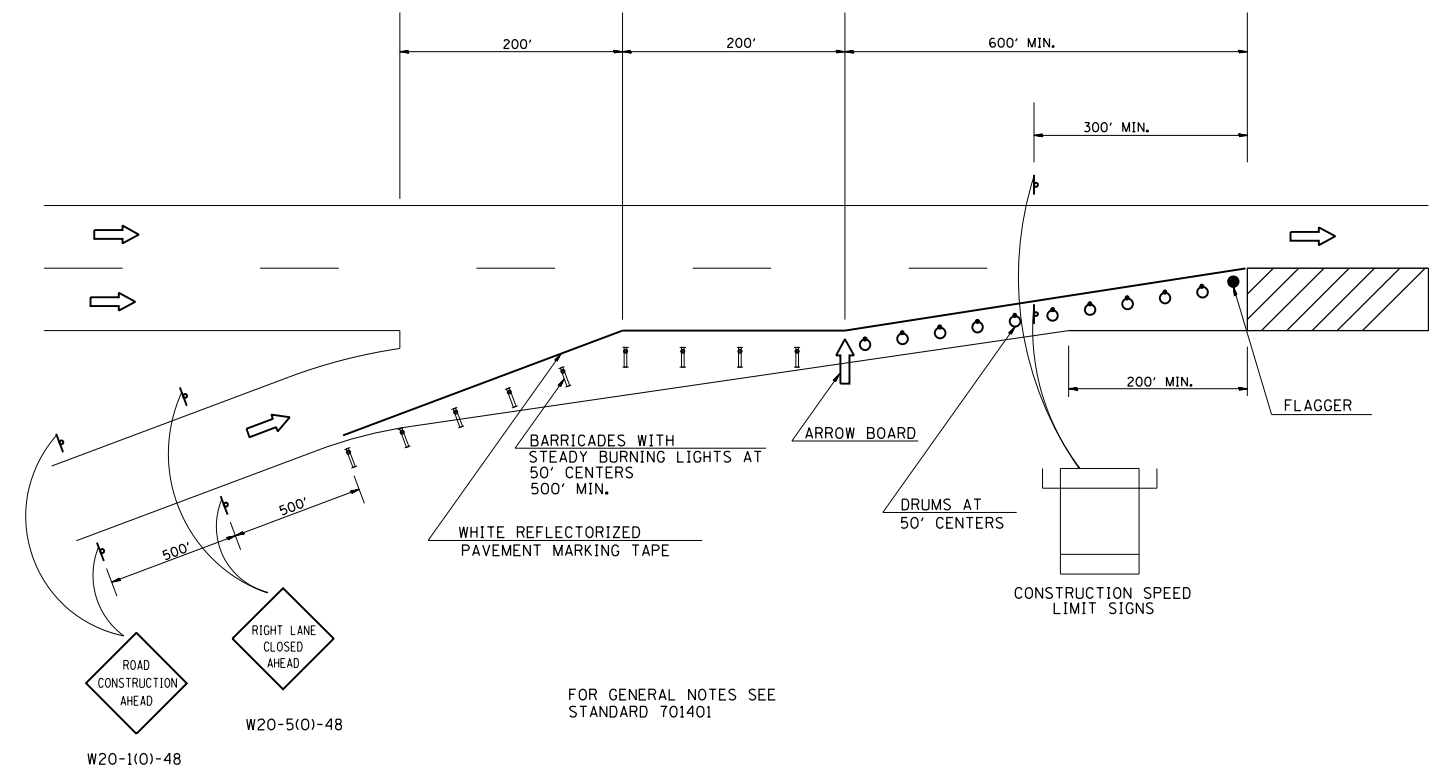


FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MEDIAN CROSSOVER DETAIL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\dot\holleyb1\0307455\7831	shu-details.dgn	DRAWN -	REVISED -		57	.	.	50	35			
\$MODELNAME\$	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.			CONTRACT NO. 78319				
	PLOT DATE = 12/16/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT			UNION/PULASKI				

## 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 = \$USER\$	DESIGNED -	REVISED -
et:\pw\work\p\dot\h\olleyb1\0307455\7831\p-shu-details.dgn		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/16/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

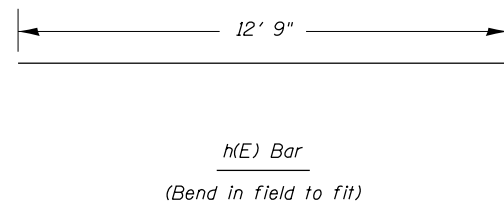
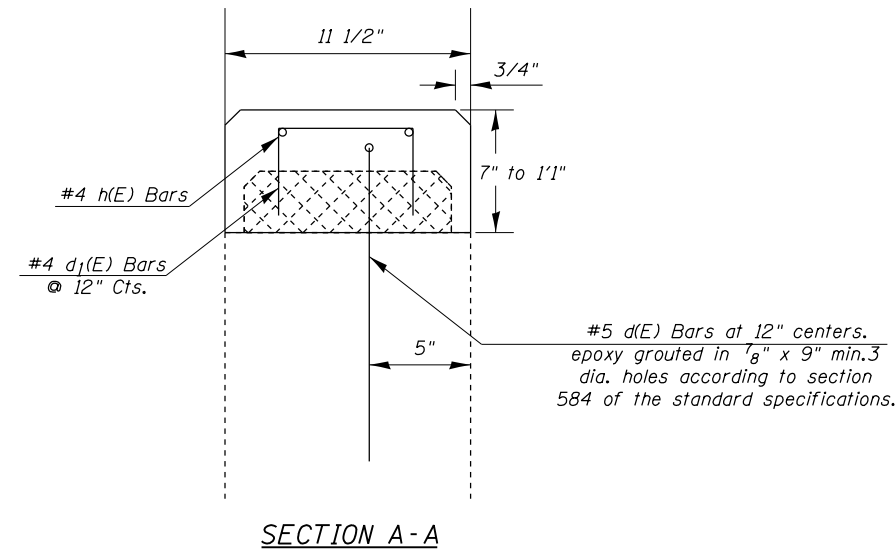
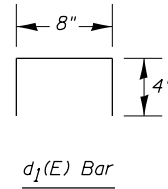
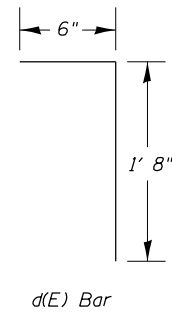
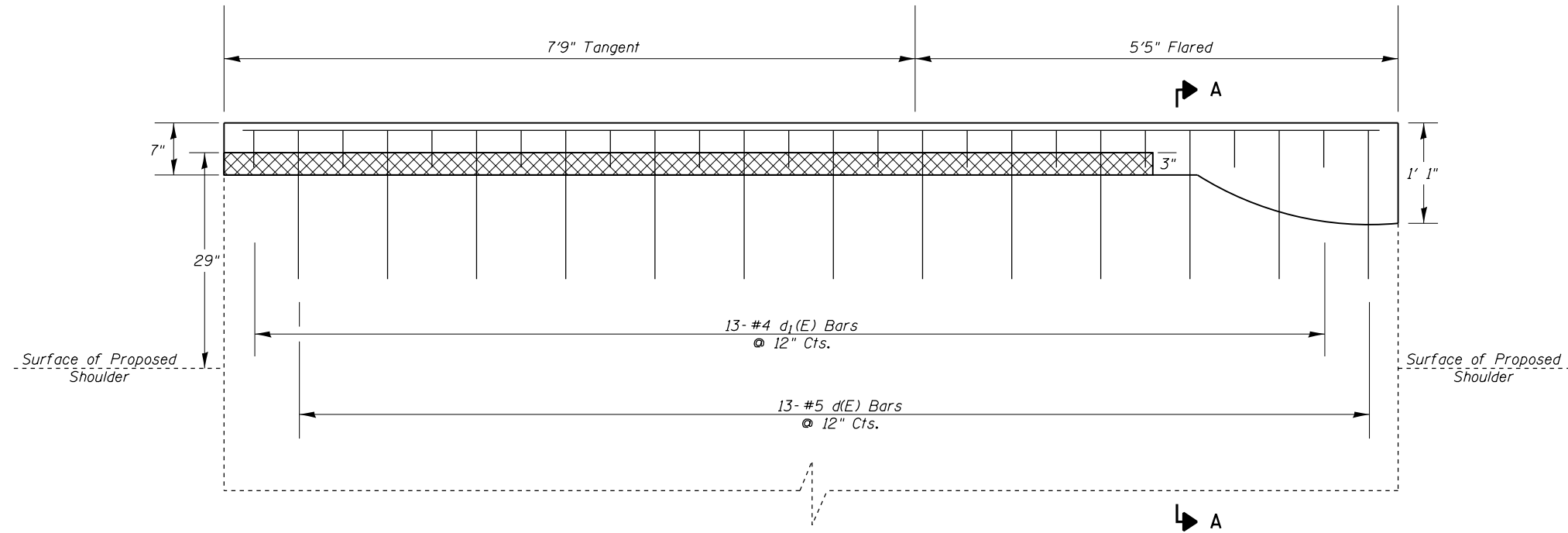
**TRAFFIC CONTROL AT ENTRANCE  
RAMP DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	36
			CONTRACT NO. 78319	
ILLINOIS FED. AID PROJECT				

(77-1,91-4,91-4-1,91-3)R-2

UNION/PULASKI



**BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
d(E)	13	5	2' 2"	┌───┐
d1(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	

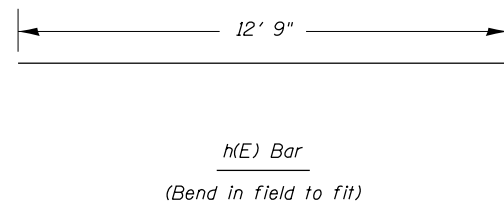
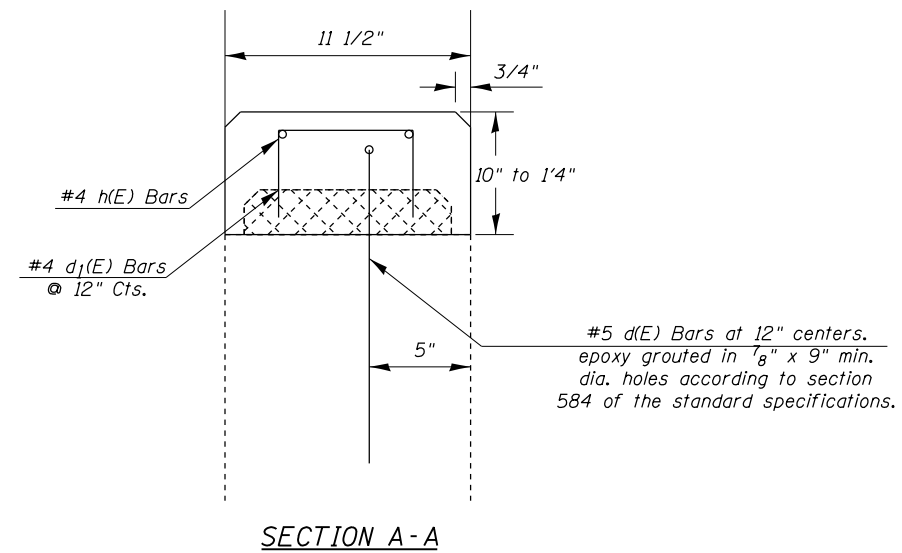
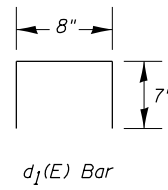
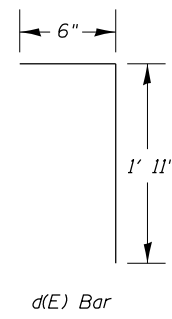
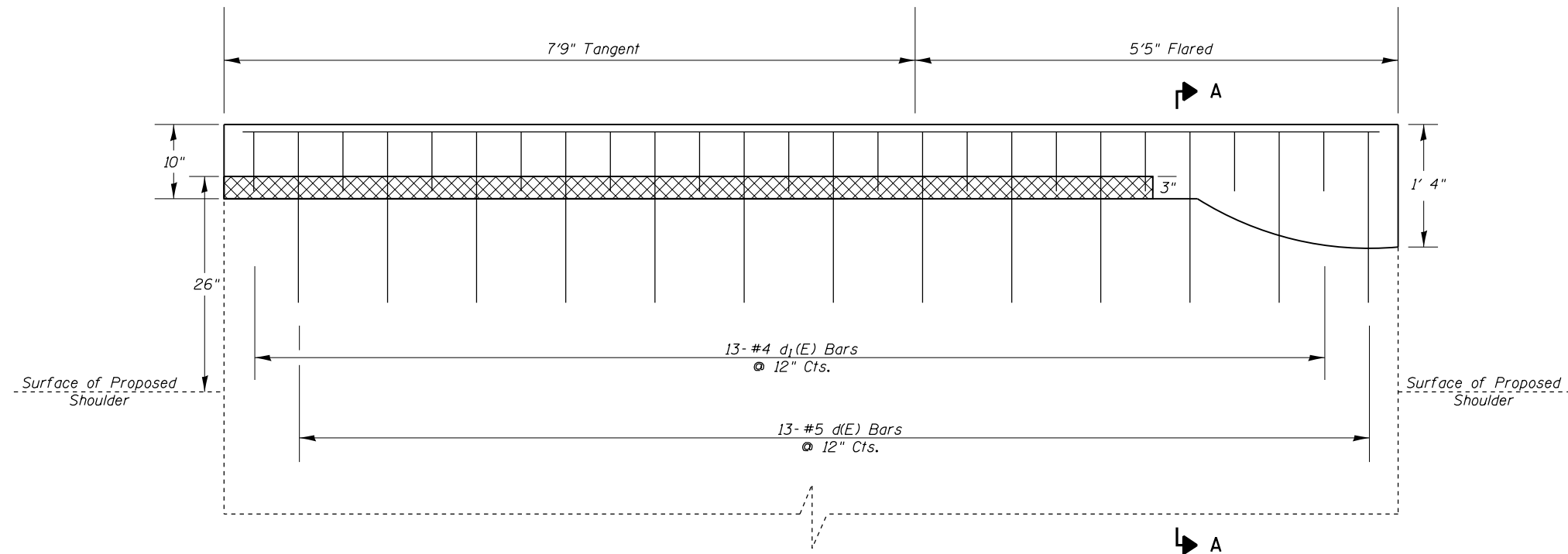
FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pw\work\p\dot\h\olleyb1\d0307455\7831	sh-tu-details.dgn	DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/16/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NW WINGWALL DETAIL ON SN 091-0002

SCALE: SHEET OF SHEETS STA. 1 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78319	



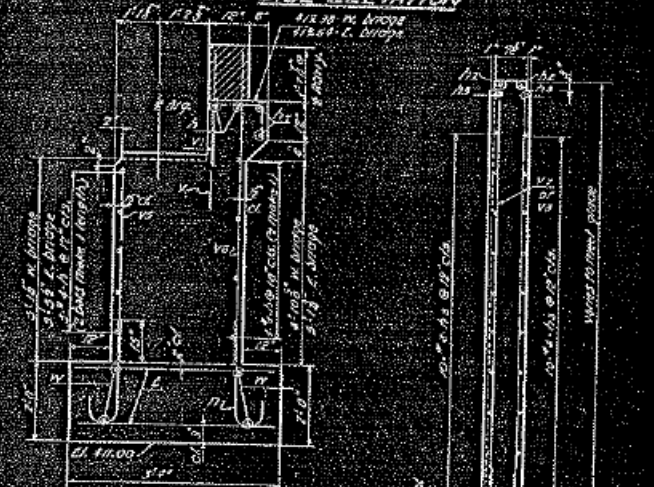
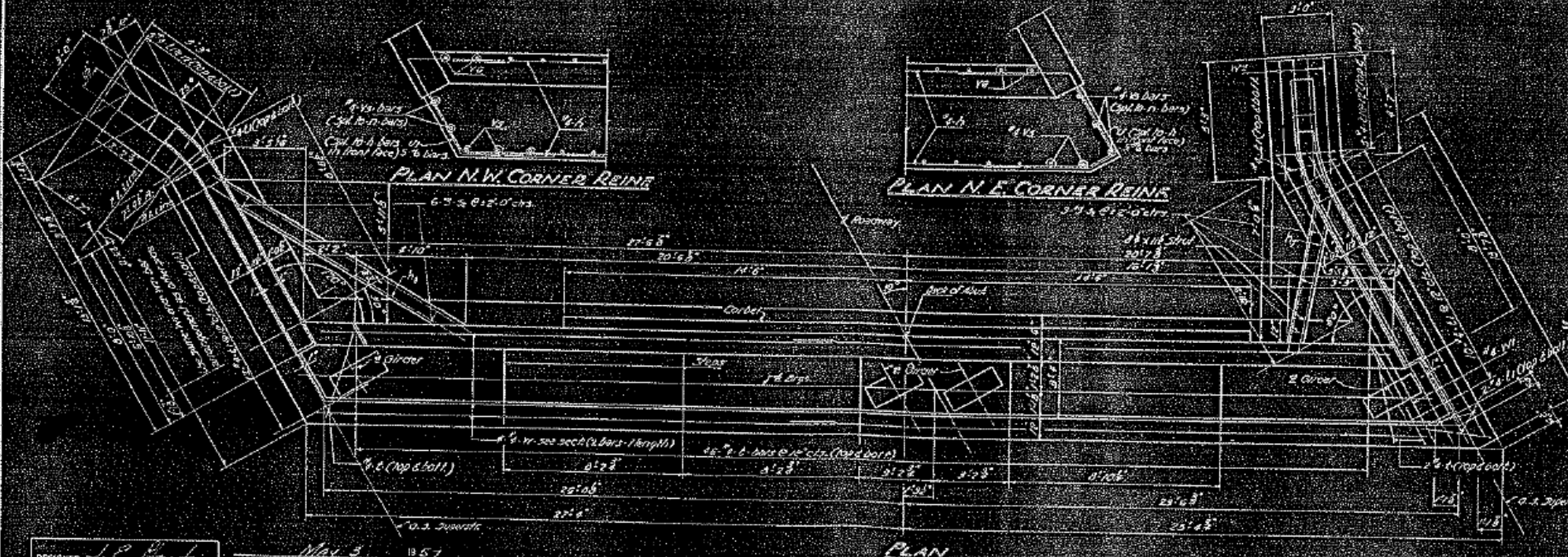
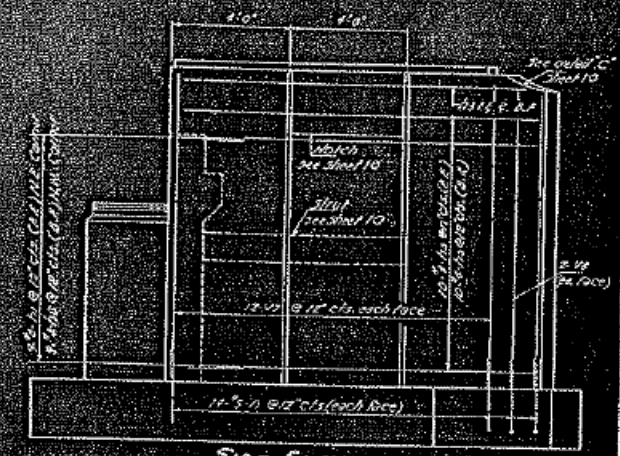
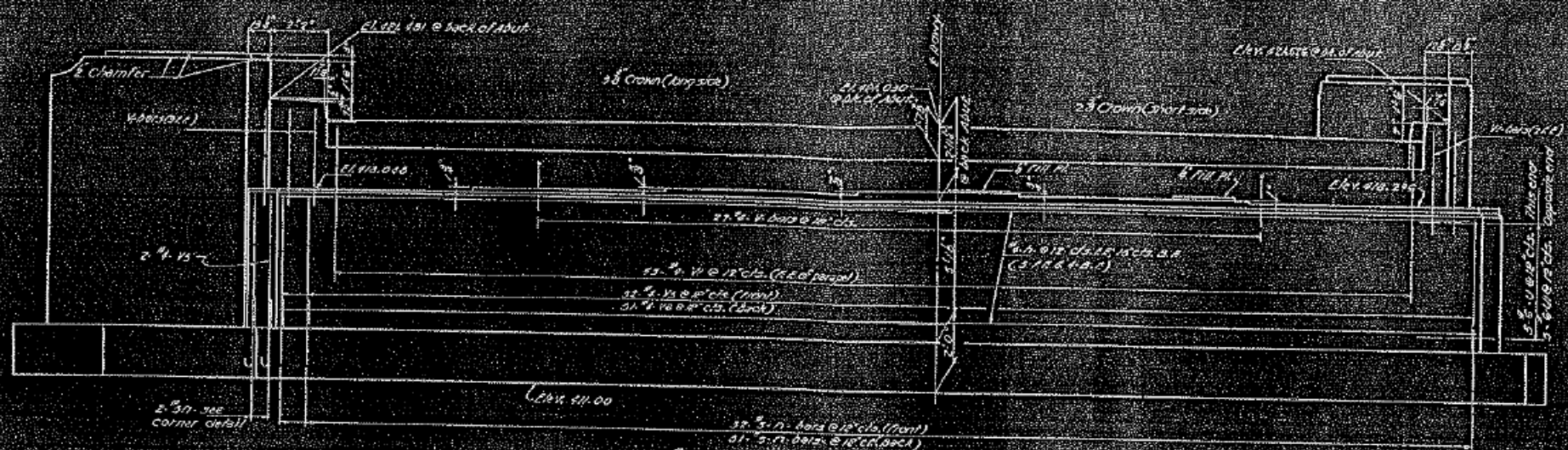
**BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
d(E)	13	5	2' 5"	┌
d1(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	

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

FAI 57

PROJECT NO.	SECTION	SHEET	TOTAL SHEETS
11-1182	Union	49	19



DESIGNED: J.C. Hasler  
CHECKED: E. Phillips  
DRAWN: R. Lamb, H. Miller  
CHECKED: G. G. 55

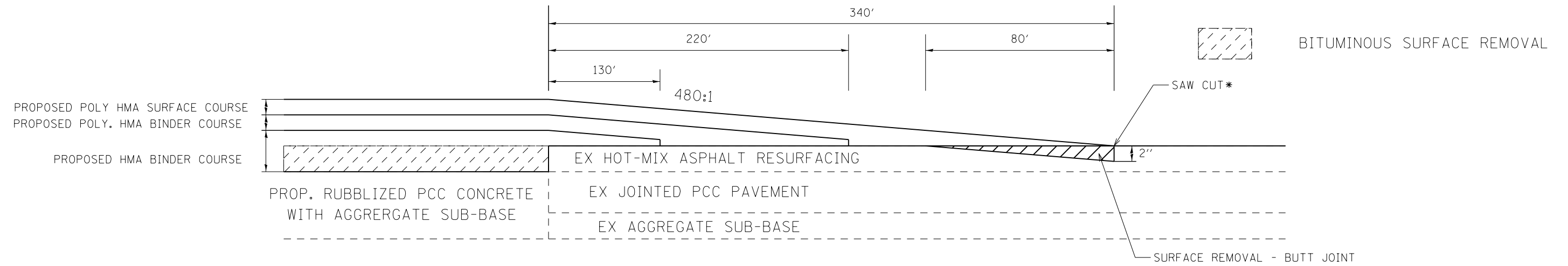
EXAMINED: [Signature]  
REVISIONS: [Signature]  
APPROVED: [Signature]

DATE: May 3, 1957

NORTH ABUTMENT WEST BRIDGE  
HIGHWAY GRADE SEPARATION  
F.A.I. Rte. 1 - Sec. 91 - 4th - 2  
UNION COUNTY  
STATION 3039+92.98 (2)

FILE NAME =	USER NAME = USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 091-0002 FOR INFORMATION ONLY	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw_work\p\idot\hollayb1\d0307455\7831	p-shu-details.dgn	DRAWN -	REVISED -			57	.	.	50	39	
\$MODELNAME\$	PLOT DATE = 12/16/2014	CHECKED -	REVISED -			CONTRACT NO. 78319		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -			SCALE:	SHEET OF 3 SHEETS	STA.	TO STA.	(77-1,91-4,91-4,1,91-3)R-2	

## BUTT JOINT DETAILS

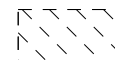
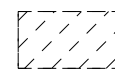


TO BE USED:  
 STA. 60+74 TO STA. 64+14  
 I-51 EXIT RAMP E

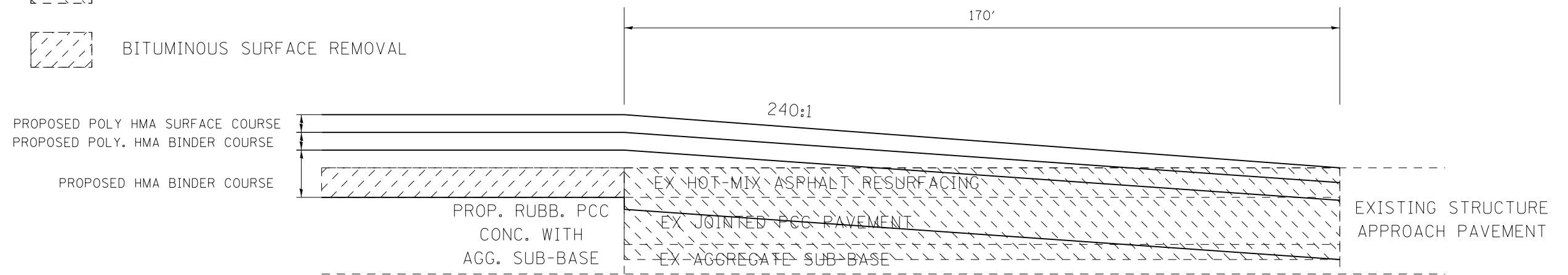
\* THE COST OF THIS SAWCUT SHALL BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE REMOVAL 3"

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BUTT JOINT DETAILS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\idot\holleyb1\0307455\7831\p-shu-details.dgn		DRAWN -	REVISED -			57	.	.	50	40	
\$MODELNAME\$		CHECKED -	REVISED -			CONTRACT NO. 78319		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.			



-  FULL DEPTH PAVEMENT REMOVAL
-  BITUMINOUS SURFACE REMOVAL

REMOVE AND REPLACE TRANSITION  
AT SN 091-0003 AND 091-0002

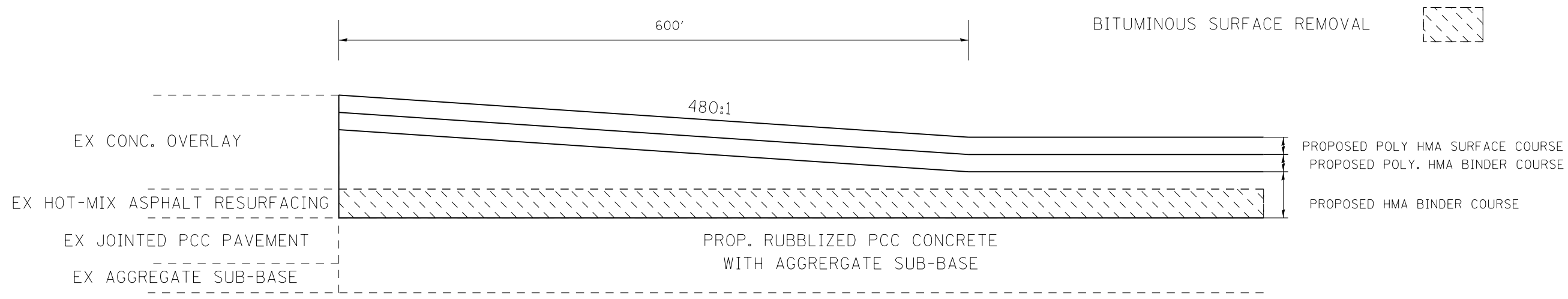


TO BE USED:

SN 091-0003	SN 091-0002
STA. 3011+58 TO STA. 3013+28	STA. 3037+32 TO STA. 3039+02
STA. 3016+67 TO STA. 3018+37	STA. 3040+24 TO STA. 3041+94

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL AND REPLACEMENT DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\hollayb1\0307455\7831	shu-details.dgn	DRAWN -	REVISED -					57	.	.	50	41
\$MODELNAME\$	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -		SCALE: SHEET OF 3 SHEETS STA. TO STA.			CONTRACT NO. 78319				
	PLOT DATE = 12/16/2014	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

TRANSITION AT BEGINNING OF PROJECT

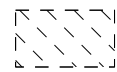
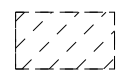


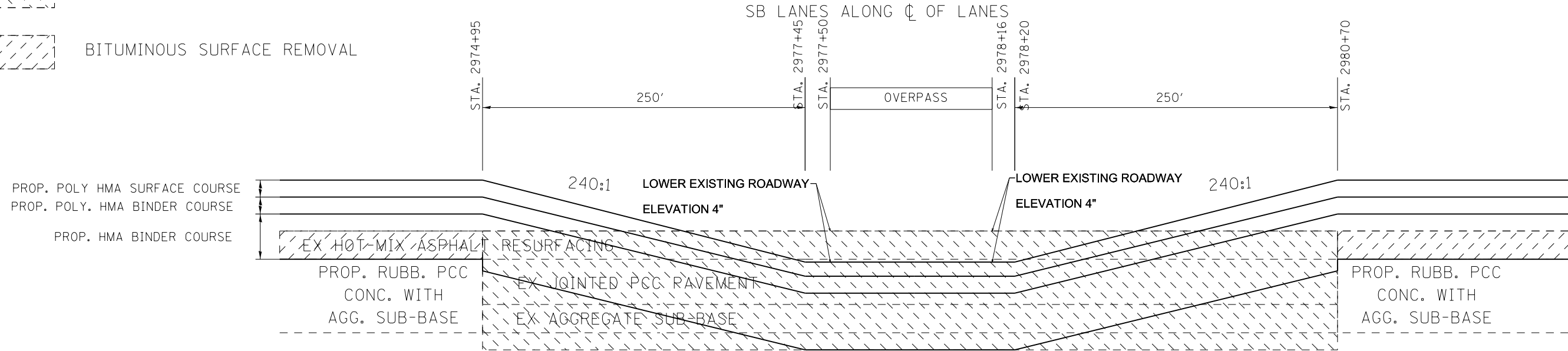
TO BE USED:  
STA. 2941+25 TO STA. 2947+25

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRANSITION AT BEGINNING OF JOB DETAIL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\hollayb1\0307455\7831	shu-details.dgn	DRAWN -	REVISED -			57	.	.	50	42	
\$MODELNAME\$	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 78319		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 12/16/2014	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	(77-1,91-4,91-4-1,91-3)R-2 UNION/PULASKI		

# REMOVE AND REPLACE TRANSITION


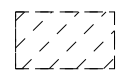
SN 091-0051

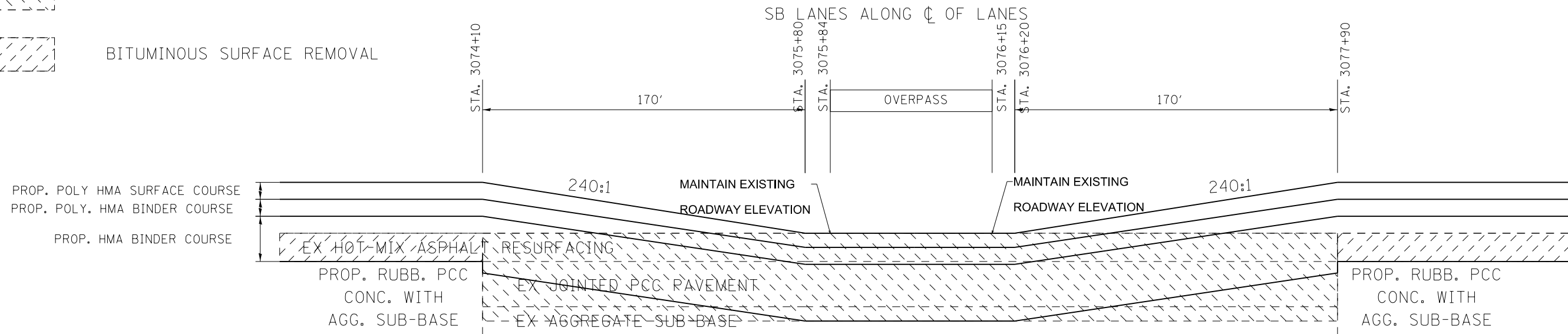
-  FULL DEPTH PAVEMENT REMOVAL
-  BITUMINOUS SURFACE REMOVAL



# REMOVE AND REPLACE TRANSITION

SN 091-0046

-  FULL DEPTH PAVEMENT REMOVAL
-  BITUMINOUS SURFACE REMOVAL



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
c:\pwwork\pwwork\hollayb1\0307455\78319\sheet-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/16/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL AND REPLACEMENT DETAILS

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	43
			CONTRACT NO. 78319	

**RAMP D DETAIL**

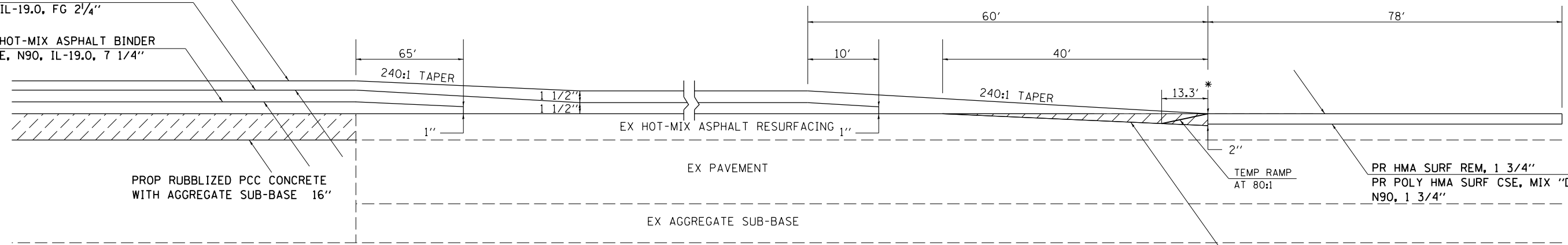
I-57 SOUTHBOUND

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

PROP POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, FG 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"



TO BE USED:  
DONGOLA EXIT RAMP D

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

BITUMINOUS SURFACE REMOVAL 3"

**RAMP C DETAIL**

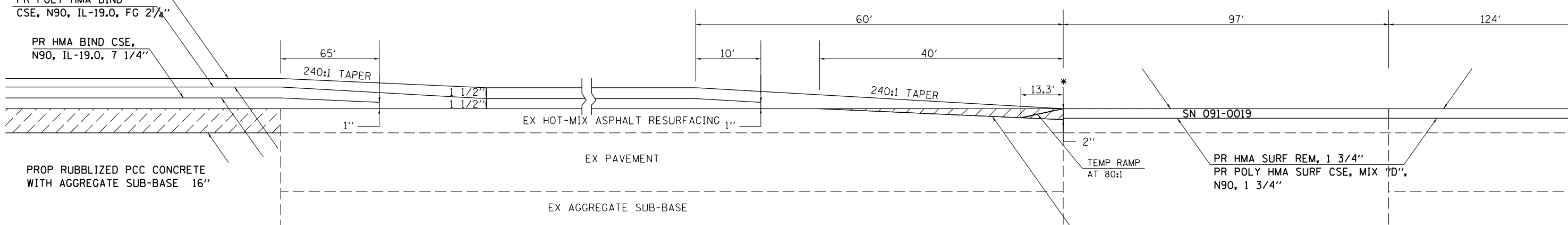
I-57 SOUTHBOUND

PR POLY HMA SURF CSE, MIX "D", N90, 2"

PR POLY HMA BIND CSE, N90, IL-19.0, FG 2 1/4"

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

PROP RUBBLIZED PCC CONCRETE WITH AGGREGATE SUB-BASE 16"



TO BE USED:  
DONGOLA ENTRANCE RAMP C

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

BITUMINOUS SURFACE REMOVAL 3"

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
c:\pwwork\pwwork\hollayb1\0307455\7831\sheet-details.dgn		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 12/16/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

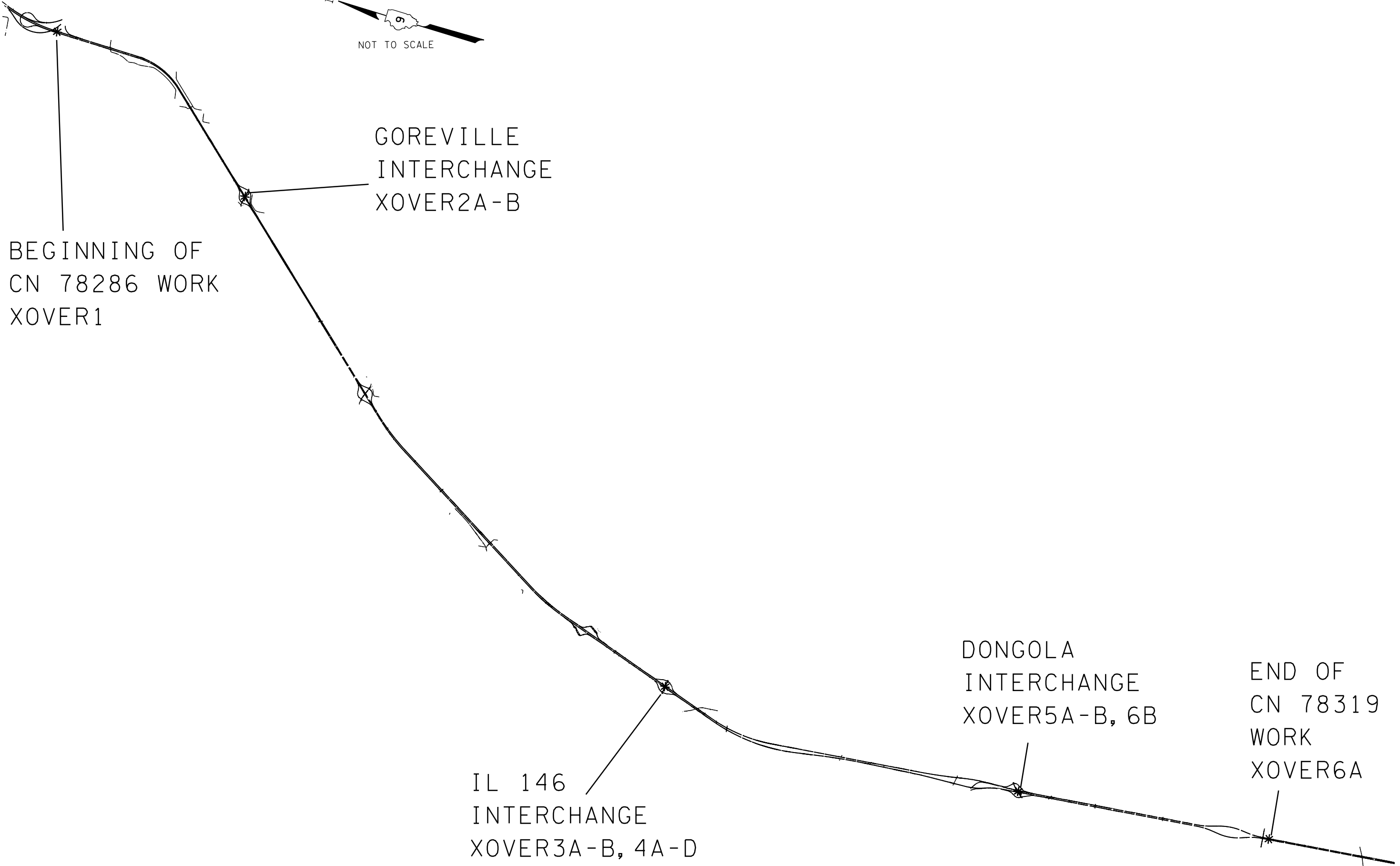
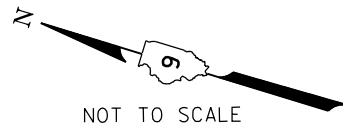
RAMP DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	44
CONTRACT NO. 78319			ILLINOIS FED. AID PROJECT	

(77-1,91-4,91-4-1,91-3)R-2

UNION/PULASKI



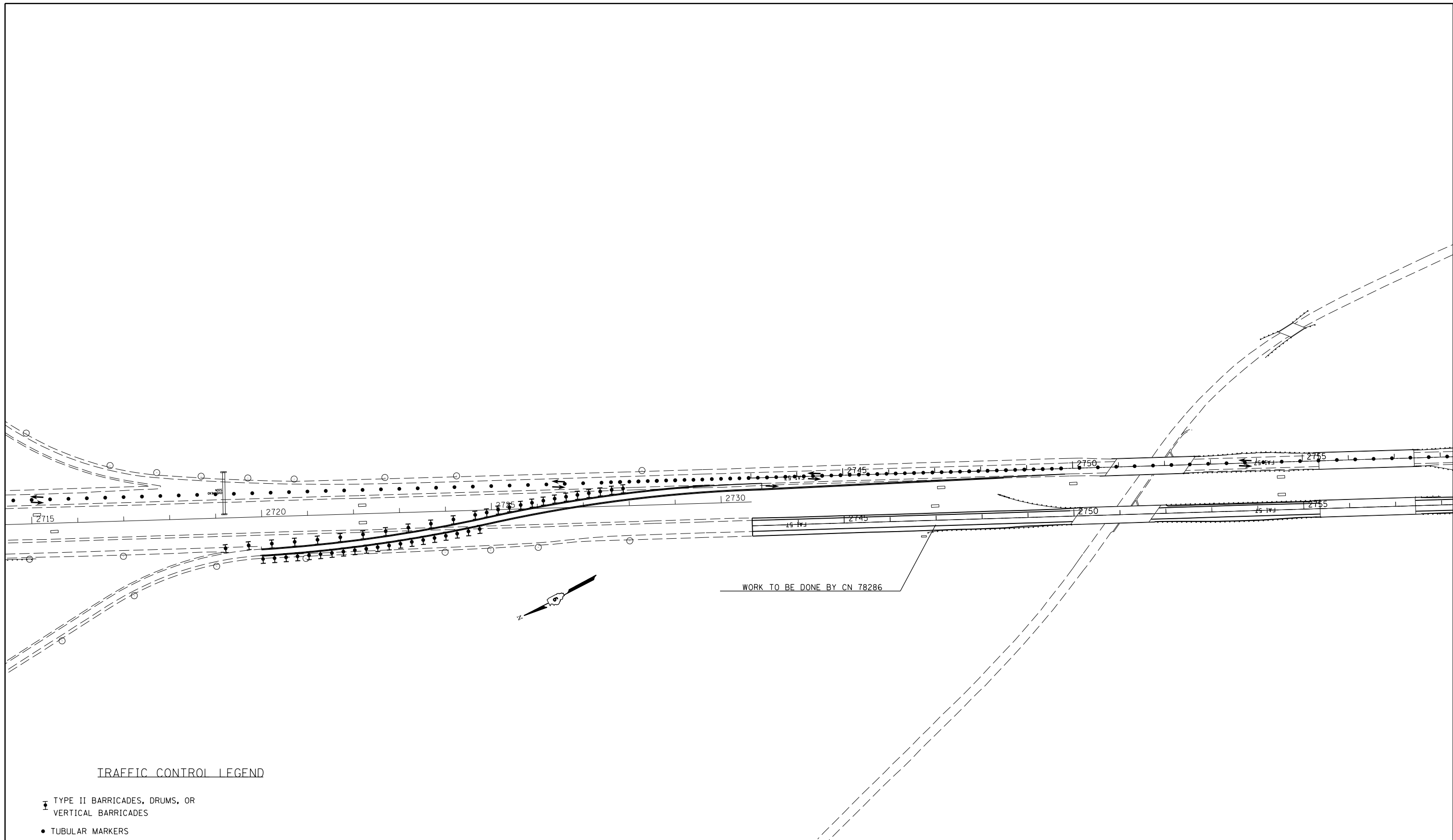
FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
c:\pwwork\pwwork\holleyb1\0307455\78319\shu-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/16/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FOR INFORMATION ONLY  
CN 78286 CROSSOVERS ALONG I-57**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78319	



TRAFFIC CONTROL LEGEND

- ⊥ TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
- TUBULAR MARKERS
- ↑ DIRECTIONAL INDICATOR BARRICADE (DIB)

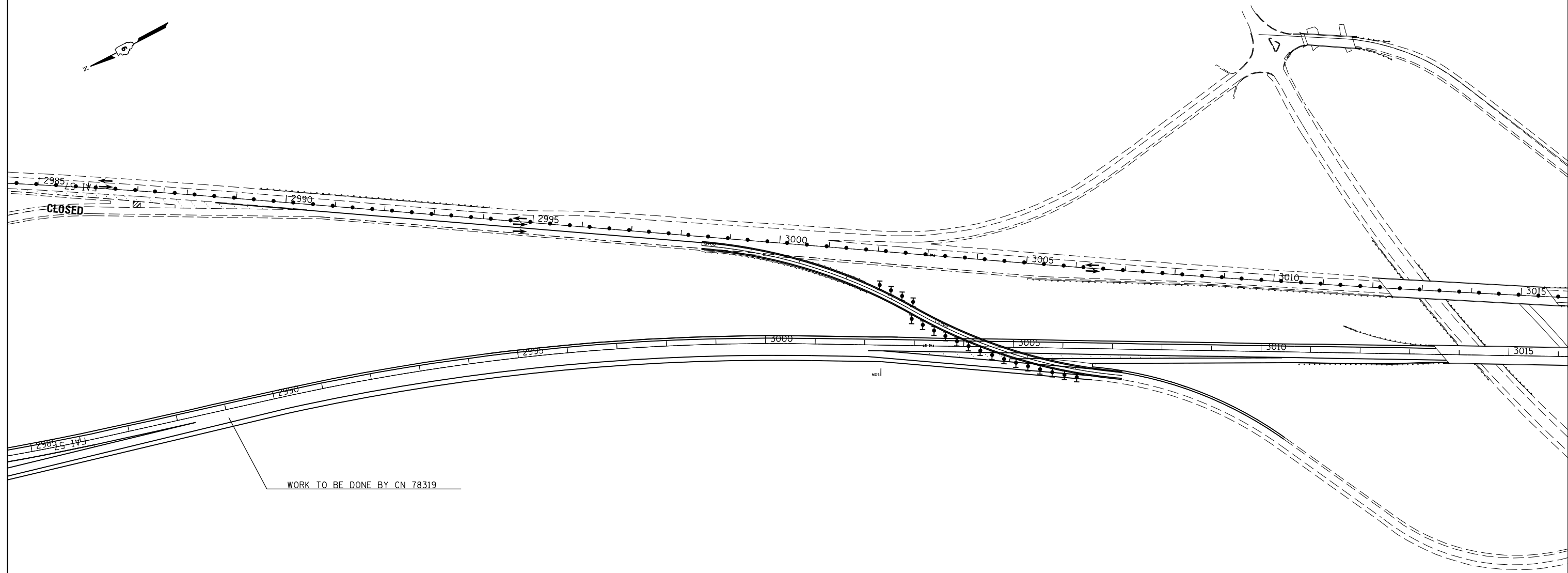
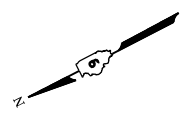
FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
c:\pwwork\pwwork\holleyb1\0307455\78319\shu-details.dgn		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/16/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY  
XOVER3B - CN 78286

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	•	50	46
			CONTRACT NO. 78319	



TRAFFIC CONTROL LEGEND

- ▬ TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
- TUBULAR MARKERS
- ↑ DIRECTIONAL INDICATOR BARRICADE (DIB)

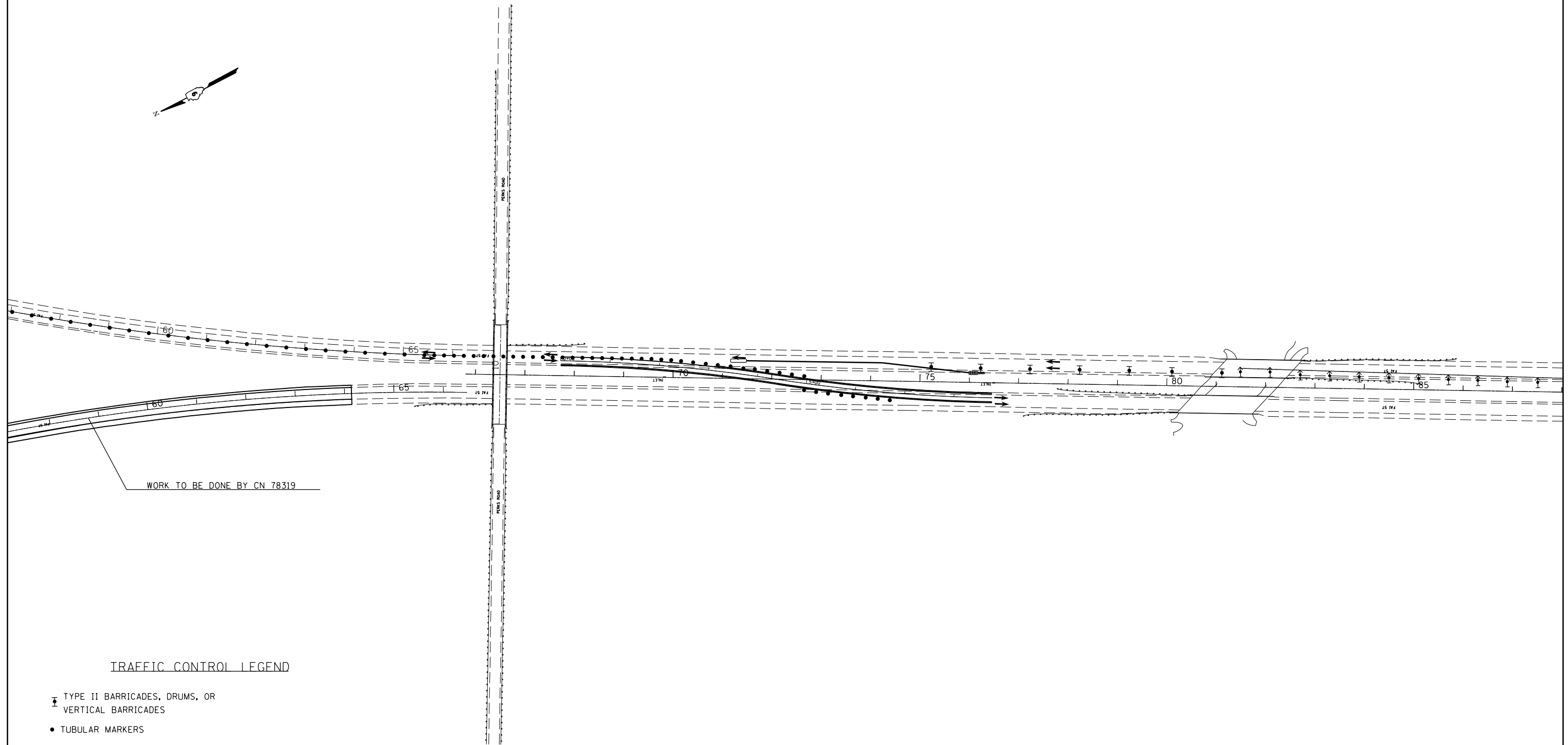
FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pw\work\pwidot\holleyb1\d0307455\78319-shu-details.dgn		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/16/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY  
XOVER5A - CN 78286

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	•	50	47
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78319	



TRAFFIC CONTROL LEGEND

- ⊥ TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
- TUBULAR MARKERS
- ↑ DIRECTIONAL INDICATOR BARRICADE (DIB)

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
ei:\pw\work\p\idot\holleyb1\0307455\78319\shu-details.dgn		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/16/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

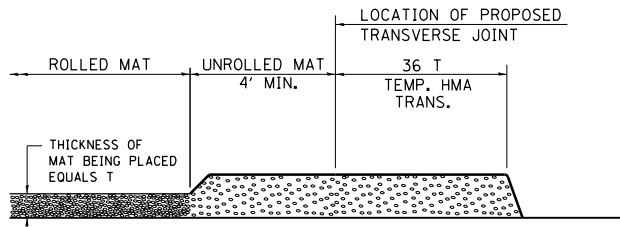
FOR INFORMATION ONLY  
XOVER6A - CN 78286

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	48
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78319	

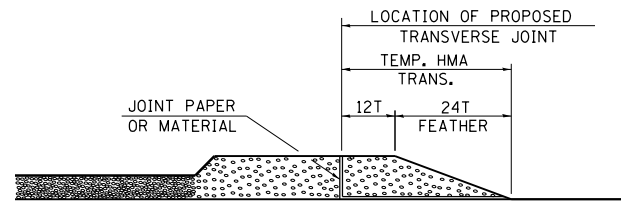


**TEMPORARY HOT-MIX ASPHALT TRANSITIONS**



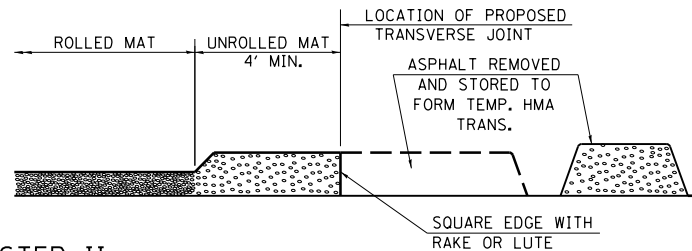
**STEP I**

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.
2. MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



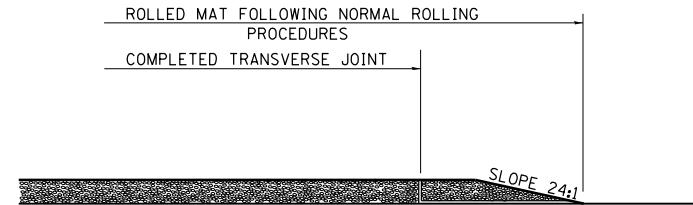
**STEP III**

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.



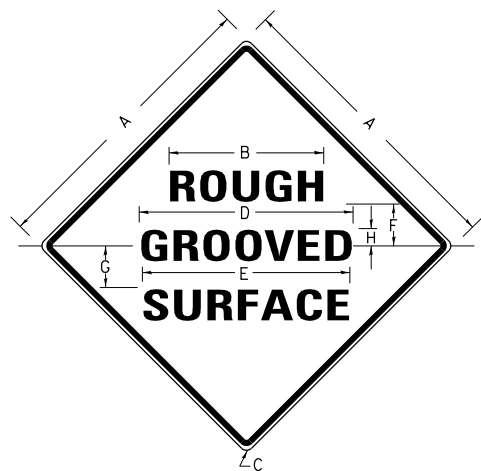
**STEP IV**

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**

W8-1106



**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			MAR-GIN	BOR-DER	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.

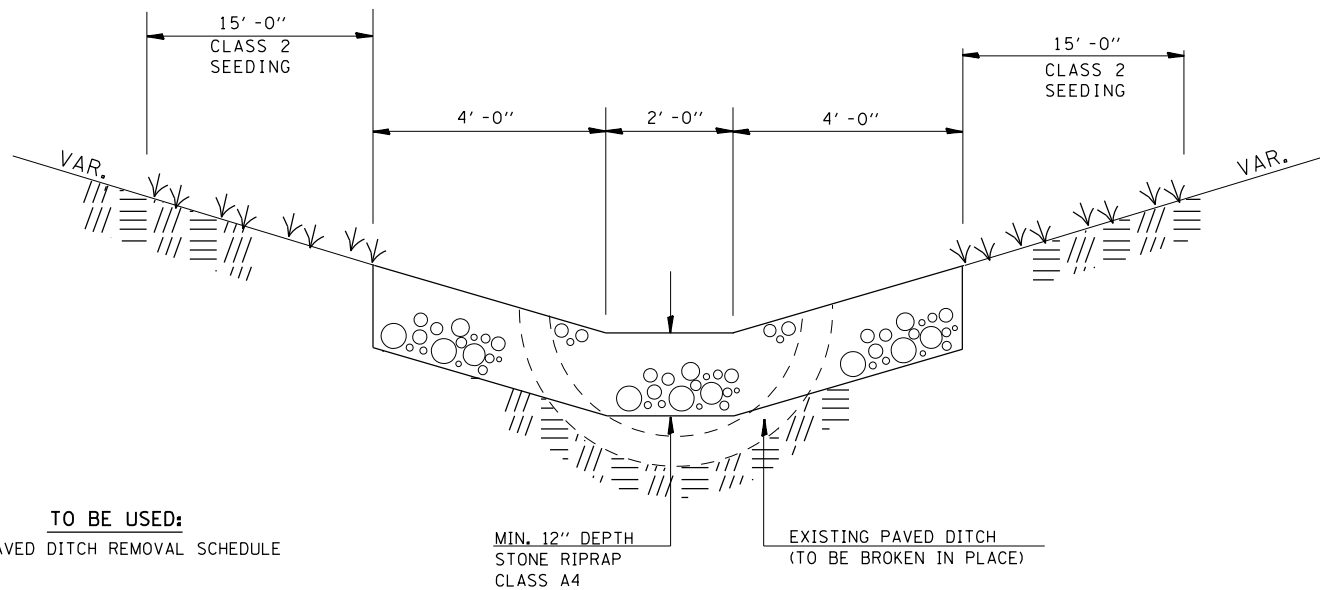
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

STD. 9-39

REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	
REVISED	

**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, CLASS A4, 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.

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
c:\pwork\pwork\dot\hollayb1\d0307455\7831	shu-details.dgn	DRAWN -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/16/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT DETAILS**

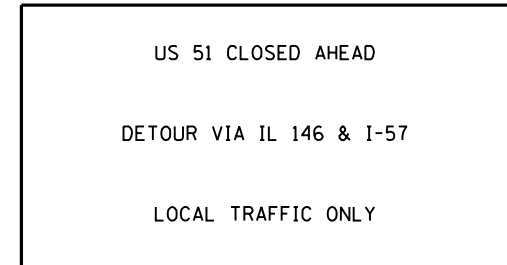
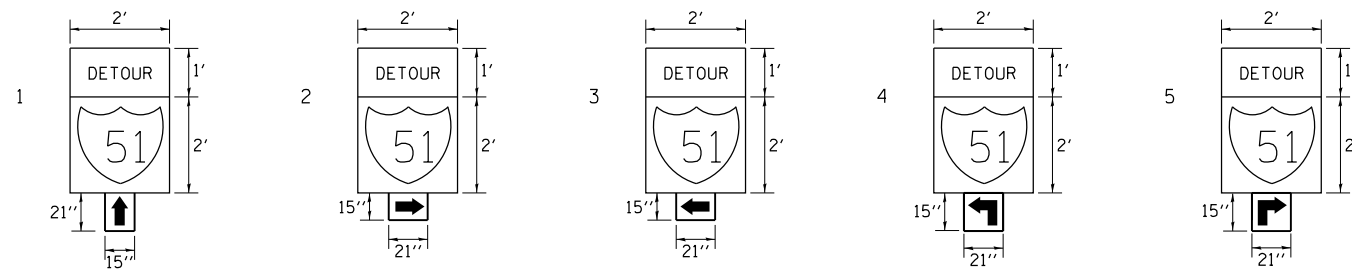
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	50	49
			CONTRACT NO. 78319	

(77-1,91-4,91-4-1,91-3)R-2

UNION/PULASKI

**SIGN DETAILS**

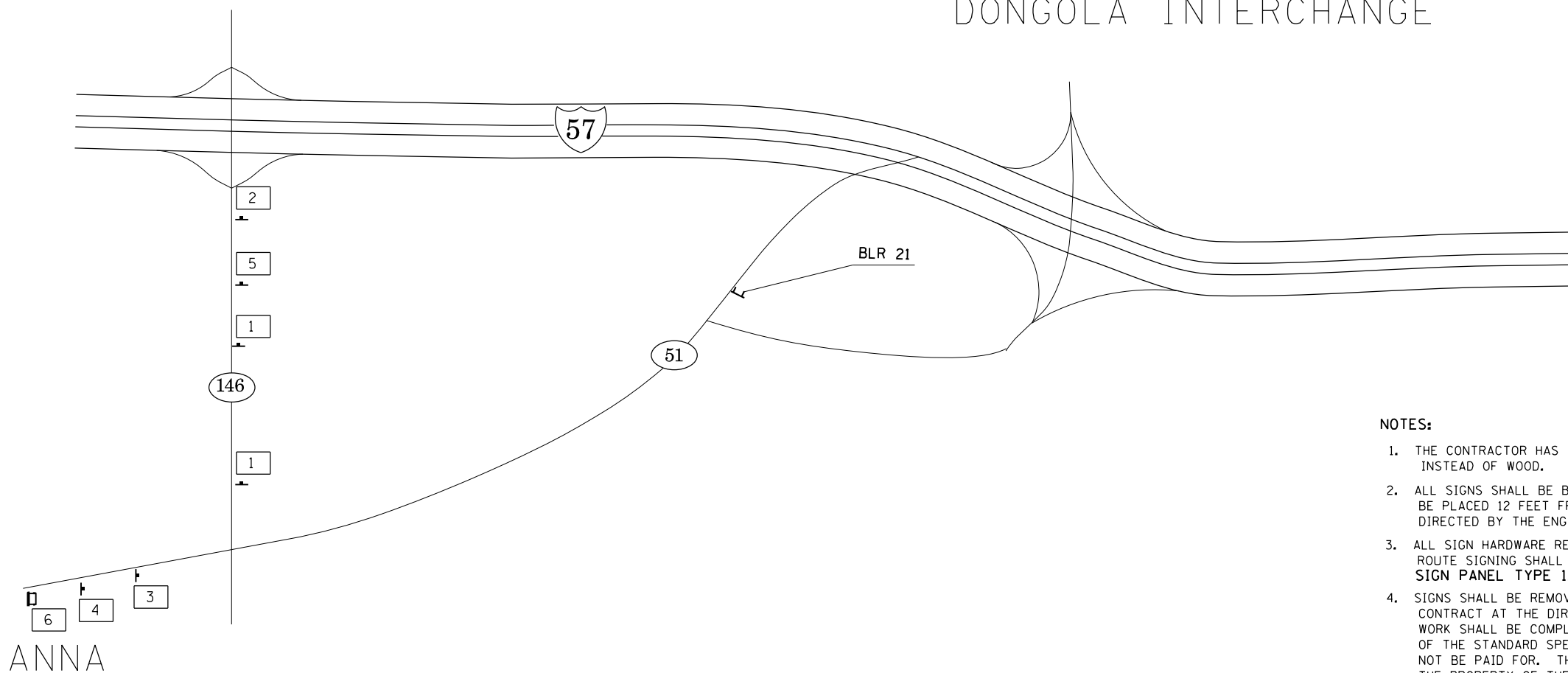


SUGGESTED MESSAGE FOR CHANGEABLE MESSAGE BOARD



ANNA/VIENNA  
INTERCHANGE

DONGOLA INTERCHANGE



**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.

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 51 DETOUR ROUTE SIGNING</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\dot\hollayb1\0307455\7831	shu-details.dgn	DRAWN -	REVISED -		57	.	.	50	50				
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 78319				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/16/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	(77-1,91-4,91-4-1,91-3)R-2	UNION/PULASKI