

06-14-13 LETTING ITEM 078

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 57 (I-57)
SECTION (25-6-1)RS-8 & (13-1)RS-2
PROJECT NHPP-0057 (303)
RESURFACING, BRIDGE REPAIR (S.B. ONLY)
EFFINGHAM AND CLAY COUNTIES

C-97-070-10

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	**	84	1
ILLINOIS		CONTRACT NO. 74450		

* (25-6-1)RS-8 & (13-1)RS-2
** EFFINGHAM, CLAY

D-97-033-10



FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATION EQUATIONS:

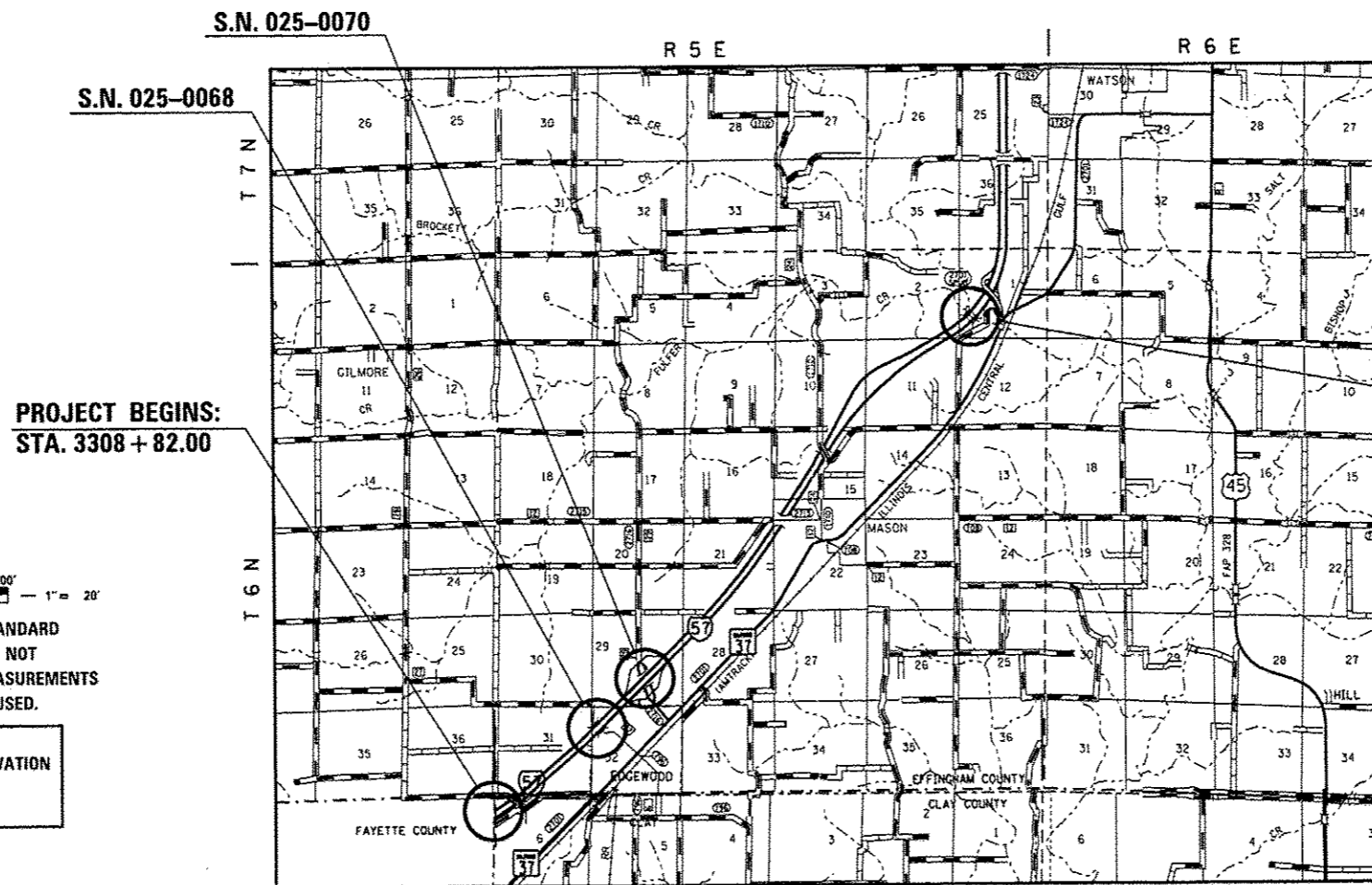
STA. 3319 + 28.36 (BK) =
STA. 4199 + 97.27 (AH)

STA. 4207 + 51.49 (BK) CLAY CO. =
STA. 4207 + 51.63 (AH) EFFINGHAM CO.

PT. STA. 4556 + 92.75 (BK) =
STA. 4554 + 44.59 (AH)

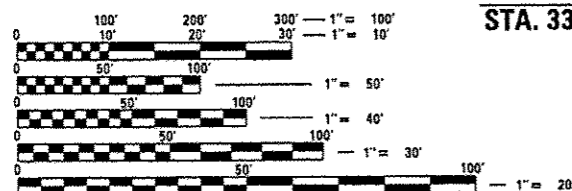
STA. 4582 + 77.63 (BK) =
PC STA. 4609 + 69.68 (AH)

ADT = 7800 (2011)



PROJECT BEGINS:
STA. 3308 + 82.00

PROJECT ENDS:
STA. 4625 + 58.98



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: TOM RONAN
PROJECT MANAGER: JEFF DAVISON
PHONE: (217)-342-8314

CONTRACT NO. 74450

GROSS LENGTH = 41,167.76 FT. = 7.80 MILES
NET LENGTH = 40,784.92 FT. = 7.72 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Oct 19 20 12
Roger L. Drishell, P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10 20 13
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 20 13
Over Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

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000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
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630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
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631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-11	TRAFFIC BARRIER TERMINAL, TYPE 6
631033-04	TRAFFIC BARRIER TERMINAL, TYPE 6B
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
701101-03	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24' (600m) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-09	LANE CLOSURE, FREEWAY/EXPRESSWAY WITH BARRIER
701406-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS > 45 MPH
701426-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS > 45 MPH
701456-02	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

• 125-6-11RS-B & 113-11RS-2
 ** EFFINGHAM, CLAY

FILE NAME * <small>cr:\pwork\pwork\teasley\09181958\774</small>	USER NAME : teasley <small>150-shr-index.dgn</small>	DESIGNED - DRAWN -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND STANDARDS IN THE PLANS	F.A.I. RTE. 57	SECTION *	COUNTY **	TOTAL SHEETS 84	SHEET NO. 2	CONTRACT NO. 74450 <small>ILLINOIS FED. AID PROJECT</small>
				SCALE: NA SHEET NO. 1 OF 1 SHEETS STA. TO STA.							

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON I-57 IN EFFINGHAM AND CLAY COUNTIES, FROM THE FAYETTE COUNTY LINE TO THE LITTLE WABASH RIVER AT STRUCTURE NUMBER 025-0072. THE PROJECT LENGTH IS 7.8 MILES. THE WORK IN SECTION (25-6-1) RS-8 & (13-1)RS-2 INCLUDES PAVEMENT PATCHING, HOT-MIX ASPHALT RESURFACING, HOT-MIX ASPHALT AND AGGREGATE SHOULDERS, INSTALLATION OF GUARDRAIL AND TRAFFIC BARRIER TERMINALS, PAVEMENT MARKING AND B-SMART REPAIR TO SN 025-0068 AND 0070(SB) AS WELL AS ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

DURING CONSTRUCTION OF THE HOT-MIX ASPHALT FULL DEPTH PAVEMENT, 10 1/2" AND 12 1/2". WHEN REMOVING AND DISPOSING OF UNSUITABLE MATERIALS, THERE SHALL BE NO MORE REMOVAL DURING A ONE DAY PERIOD THAN CAN BE REPLACED WITH SUBGRADE GRANULAR REPLACEMENT. THIS IS TO REDUCE THE AGGREGATE FROM SLUFFING FROM UNDER THE ADJOINING PAVEMENT.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (PRIME COAT), HOT-MIX ASPHALT BINDER, AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND HOT-MIX ASPHALT SHOULDERS.

THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AS DOUBLE MARKERS AS SHOWN ON STANDARD 781001. THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 1551 ONE-WAY CRYSTAL.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE. THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST PER SQUARE YARD SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

IN ADDITION TO THE REQUIREMENTS FOR PORTABLE CHANGEABLE MESSAGE SIGNS IN ARTICLE 701.15(J), A LAPTOP COMPUTER SHALL ALSO BE SUPPLIED BY THE CONTRACTOR.

THE CONTRACTOR SHALL USE EITHER RC-70, SS1H, OR SS-1HP, APPLIED AT THE RATE DIRECTED BY THE ENGINEER, FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

COST OF REMOVAL OF TEMPORARY RAMP SHALL BE INCLUDED IN THE UNIT PRICE FOR TEMPORARY RAMP.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

BINDER COURSE (2 1/4")
 APPLICATION: POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N105
 PG GRADE: SBS PG 70-22
 RAP%:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 105
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: NA

GENERAL NOTES (Cont'd)

SURFACE COURSE (1 1/2" AND 2") (MAINLINE AND RAMPS)
 APPLICATION: POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105
 PG GRADE: SBS PG 70-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 105
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE D

HMA PAVEMENT (FULL DEPTH), 10 1/4" AND 12 1/2"
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
 PG GRADE: PG 64-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN + 90
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: NA

HMA SHOULDERS (1 1/2")
 APPLICATION: HOT-MIX ASPHALT SHOULDERS
 PG GRADE: PG 64-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30
 MIXTURE COMPOSITION: IL-19.0L
 FRICTION AGGREGATE: NA

HMA SHOULDER PLUG FOR UNDERDRAINS (5")
 APPLICATION: HOT-MIX ASPHALT SHOULDERS
 PG GRADE: PG 64-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30
 MIXTURE COMPOSITION: IL-19.0L
 FRICTION AGGREGATE: NA

HMA SHOULDER (10" - BOTTOM LIFT)
 APPLICATION: HOT-MIX ASPHALT SHOULDERS
 PG GRADE: PG 64-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0L
 FRICTION AGGREGATE: NA

HMA SHOULDER (10" - TOP LIFT)
 APPLICATION: HOT-MIX ASPHALT SHOULDERS
 PG GRADE: PG 64-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5L
 FRICTION AGGREGATE: NA

PARTIAL DEPTH PATCHING
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
 PG GRADE: PG 64-22
 RAP %:
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: NA

ONCE THE FINAL SURFACE MIX IS PLACED ON THE HOT MIX ASPHALT SHOULDERS, THE LOCATIONS OF THE PIPE UNDERDRAIN OUTLETS SHALL BE RE-ESTABLISHED WITH A "T" PAINTED ON THE OUTSIDE EDGE OF THE SHOULDERS. THE COST OF RE-ESTABLISHING THE OUTLET LOCATIONS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAVEMENT MARKING.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES:

AGGREGATE SHOULDERS 2.05 TONS/CU YD
 BITUMINOUS MATERIALS (PRIME COAT) 0.10 GAL/SO YD
 AGGREGATE (PRIME COAT) 4 LBS/SO YD
 HOT-MIX ASPHALT 112 LBS/SO YD/INCH

THE HOT-MIX ASPHALT-PAY FOR PERFORMANCE USING PERCENT WITHIN LIMITS-(JOBSITE SAMPLING) SPECIAL PROVISION, SHALL ONLY APPLY TO THE POLYMERIZED HOT-MIX ASPHALT BINDER AND THE POLYMERIZED HOT-MIX ASPHALT SURFACE PAY ITEMS.

• (25-6-1)RS-8 & (13-1)RS-2
 ** EFFINGHAM, CLAY

FILE NAME: c:\pwork\p0101\teasle\ch\01010550\77	USER NAME: teasle	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.I. RTE. 57	SECTION	COUNTY	TOTAL SHEETS 84	SHEET NO. 3
	50-shr.indp.dgn	DRAWN: -	REVISED: -		SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 74450		ILLINOIS FED. AID PROJECT		
	PLOT SCALE = 100.0000 / 1 in.	CHECKED: -	REVISED: -										
	PLOT DATE = 10/18/2012	DATE: -	REVISED: -										

M001

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		CLAY COUNTY	EFFINGHAM COUNTY	
			0004	0004	0014	
X0327487	TRIAXIAL GEOGRID REINFORCEMENT, TYPE I	SO YD	4395	1810	2585	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	30.5		30.5	
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	17	7	10	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3360	1320	2040	
20400800	FURNISHED EXCAVATION	CU YD	18.3	2.9	15.4	
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	4004	1649	2355	
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SO YD	2930	1207	1723	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	19217	800	18417	
40600300	AGGREGATE (PRIME COAT)	TON	384	16	368	
40600895	CONSTRUCTING TEST STRIP	EACH	2	1	1	
40600990	TEMPORARY RAMP	SO YD	475	44.5	430.5	
40603245	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N105	TON	16960	1210	15750	
40603550	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105	TON	9856	404	9452	

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		CLAY COUNTY	EFFINGHAM COUNTY	
			0004	0004	0014	
40701886	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/4"	SO YD	1810	1810		
40701931	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/2"	SO YD	2586		2586	
44000100	PAVEMENT REMOVAL	SO YD	4395	1810	2585	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	8458		8458	
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SO YD	82965		82965	
44000170	HOT-MIX ASPHALT SURFACE REMOVAL, 5 1/4"	SO YD	4501		4501	
44000173	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	SO YD	19391	3087	16304	
44004250	PAVED SHOULDER REMOVAL	SO YD	13787	2430	11357	
44200561	CLASS A PATCHES, TYPE I, 11 INCH	SO YD	24		24	
44200565	CLASS A PATCHES, TYPE II, 11 INCH	SO YD	378.7		378.7	
44200569	CLASS A PATCHES, TYPE III, 11 INCH	SO YD	36		36	
44200571	CLASS A PATCHES, TYPE IV, 11 INCH	SO YD	66.7		66.7	
44200608	CLASS A PATCHES, TYPE I, 13 INCH	SO YD	4		4	

• (25-6-11RS-8 & (13-11RS-2
•• EFFINGHAM, CLAY

FILE NAME: c:\pr-work\p101011\teasleyk\00101558\4774450-shr-sq.dgn	USER NAME: teasleyk	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE. 57	SECTION	COUNTY **	TOTAL SHEETS 84	SHEET NO. 4
PLOT SCALE: 1/8"=1'-0"	PLotted DATE: 10/18/2012	DRAWN: -	REVISED: -		SCALE: NA	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 74450			
CHECKED: -	DATE: -	REVISED: -	REVISED: -		ILLINOIS FED. AID PROJECT							
DATE: -	REVISED: -	REVISED: -	REVISED: -									

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		CLAY COUNTY 0004	EFFINGHAM COUNTY 0004	0014
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SO YD	40		40	
44200616	CLASS A PATCHES, TYPE I, 14 INCH	SO YD	24	24		
44200620	CLASS A PATCHES, TYPE II, 14 INCH	SO YD	216	184	32	
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	206		206	
44201299	DOWEL BARS 1 1/2"	EACH	812		812	
44213000	PATCHING REINFORCEMENT	SO YD	789	208	581	
44213200	SAW CUTS	FOOT	6788	1364	5424	
44213206	TIE BARS 5/8"	EACH	97	10	87	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	983	515	468	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2137	85	2052	
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SO YD	13810	2430	11380	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	6194	187	6007	
50102400	CONCRETE REMOVAL	CU YD	27.8			27.8
50157300	PROTECTIVE SHIELD	SO YD	131			131

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		CLAY COUNTY 0004	EFFINGHAM COUNTY 0004	0014
50300100	FLOOR DRAINS	EACH			40	
50300225	CONCRETE STRUCTURES	CU YD		3		
50300255	CONCRETE SUPERSTRUCTURE	CU YD			27.8	
50300260	BRIDGE DECK GROOVING	SO YD			932	
50300300	PROTECTIVE COAT	SO YD			89	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND			3010	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND		530	3640	
50800515	BAR SPLICERS	EACH			56	
52000110	PREFORMED JOINT STRIP SEAL	FOOT			179	
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH			28	
52100520	ANCHOR BOLTS, 1"	EACH			56	
60100082	SHOULDER REMOVAL AND REPLACEMENT 11 1/2"	FOOT		24	57421	
60107700	PIPE UNDERDRAINS 6"	FOOT		3402	75517	
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT		266	2746	

• (25-6-URS-8 & (13-URS-2
 ** EFFINGHAM, CLAY

FILE NAME :	USER NAME : teasleyk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			P.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\teasleyk\0181558\177	4450-shr-asp.dgn	DRAWN -	REVISED -		57		**	84	5			
	PLOT SCALE : 100.0000 1/16"	CHECKED -	REVISED -		CONTRACT NO. 74450							
	PLOT DATE : 10/18/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: NA	SHEET NO. 2 OF 5 SHEETS	STA.	TO STA.					

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		CLAY COUNTY 0004	EFFINGHAM COUNTY 0004	0014
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, FOOT POSTS	6 FOOT	1700	162.5	1537.5	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1		1	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	11		11	
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	3	1	2	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	15	1	14	
63200310	GUARDRAIL REMOVAL	FOOT	2646	369	2277	
63500105	DELINEATORS	EACH	174	4	170	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	82336	3602	78734	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10	2	8	
67100100	MOBILIZATION	L SUM	1	0.25	0.75	
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	4	1	2	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4		4	

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		CLAY COUNTY 0004	EFFINGHAM COUNTY 0004	0014
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.35	0.65	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.35	0.65	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.35	0.65	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	2	8	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	18226	793	17433	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	88130	3602	84528	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1535		1535	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	68		68	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	33		33	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	31835	1267	30568	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3094	872	1356	866
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3094	872	1356	866

*SPECIALTY ITEM

• (25-6-URS-B & (13-URS-2
•• EFFINGHAM, CLAY

FILE NAME : c:\pwwork\pwwork\teasleych\d8181558\d77	USER NAME : teasleych	DESIGNED : -	REVISED : -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE. 57	SECTION -	COUNTY ..	TOTAL SHEETS 84	SHEET NO. 6
	458-shl-a00.dgn	DRAWN : -	REVISED : -		SCALE: NA	SHEET NO. 3 OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 74450			
	PLOT SCALE : 1/80,0000 1/16"	CHECKED : -	REVISED : -		ILLINOIS FED. AID PROJECT							
	PLOT DATE : 10/18/2012	DATE : -	REVISED : -									

SUMMARY OF QUANTITIES			90% FED. 10% STATE	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CLAY COUNTY	EFFINGHAM COUNTY	
				0004	0004	0014
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	5	1	2	2
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	5	1	2	2
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	10206	450	9756	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	88130	3602	83762	766
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	96			96
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1535		1535	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	68		68	
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	33		33	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1078	45	1033	
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	10			10
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	51	4	47	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	15	1	14	

SUMMARY OF QUANTITIES			90% FED. 10% STATE	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CLAY COUNTY	EFFINGHAM COUNTY	
				0004	0004	0014
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2344	585	1759	
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	239	15	224	
* X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.12	0.02	0.1	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	66288	1286	65002	
X4421000	PARTIAL DEPTH PATCHING	TON	152	7	145	
X4422000	PARTIAL DEPTH REMOVAL (VARIABLE DEPTH)	SO YD	1088	50	1038	
X5012650	CONCRETE HEADWALL REMOVAL SPECIAL	EACH	166	6	160	
* X6310214	TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL)	EACH	2	2		
X6350120	DELINEATOR REMOVAL	EACH	202	10	192	
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	1			1
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28		28	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	87796	3602	83428	766
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	96			96

*SPECIALTY ITEM

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
c:\pwwork\pwwork\teasleych\0181558\d77	teasleych		
	DRAWN :	CHECKED :	REVISED :
	1450-ghl-saq-dgn		
	PLOT SCALE :	DATE :	REVISED :
	100.0000' / in.	10/18/2012	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		**	84	7
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				

(25-6-1)RS-B & (13-1)RS-2
** EFFINGHAM, CLAY

SUMMARY OF QUANTITIES			90% FED. 10% STATE	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CLAY COUNTY	EFFINGHAM COUNTY	
				0004	0004	0014
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1535		1535	
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	68		68	
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	33		33	
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	28			28
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	959			959
Z0012110	BRIDGE DECK FLY ASH OR GGBF SLAG CONCRETE OVERLAY. 2 1/4"	SQ YD	959			959
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	959			959
Z0015802	PLUG EXISTING DECK DRAINS	EACH	4			4
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	1			1
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	108			108
Z0034105	MATERIAL TRANSFER DEVICE	TON	26816	1614	25202	
+ Z0076600	TRAINEES	HOUR	500	125	375	
+ Z0076604	TRAINEES, TRAINING PROGRAM GRADUATE	HOUR	500	125	375	

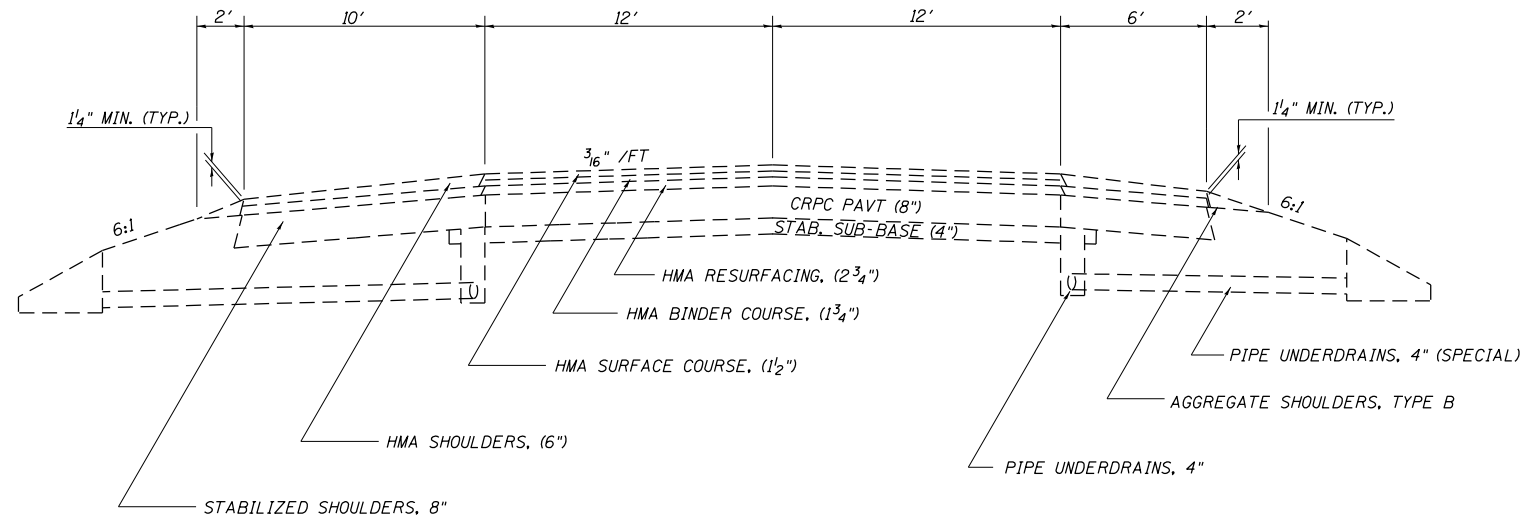
+0042 12 *SPECIALTY ITEM

* (25-6-11RS-8 & (13-11RS-2
** EFFINGHAM, CLAY

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\psdot\teasleyck\d0181558\d77	teasleyck	DRAWN :	REVISED :		SCALE: NA	SHEET NO. 5 OF 5 SHEETS	STA.	57		**	84	8
		CHECKED :	REVISED :				TO STA.					
		DATE :	REVISED :									
										ILLINOIS FED. AID PROJECT		
										CONTRACT NO. 74450		

EXISTING TYPICAL CROSS SECTIONS

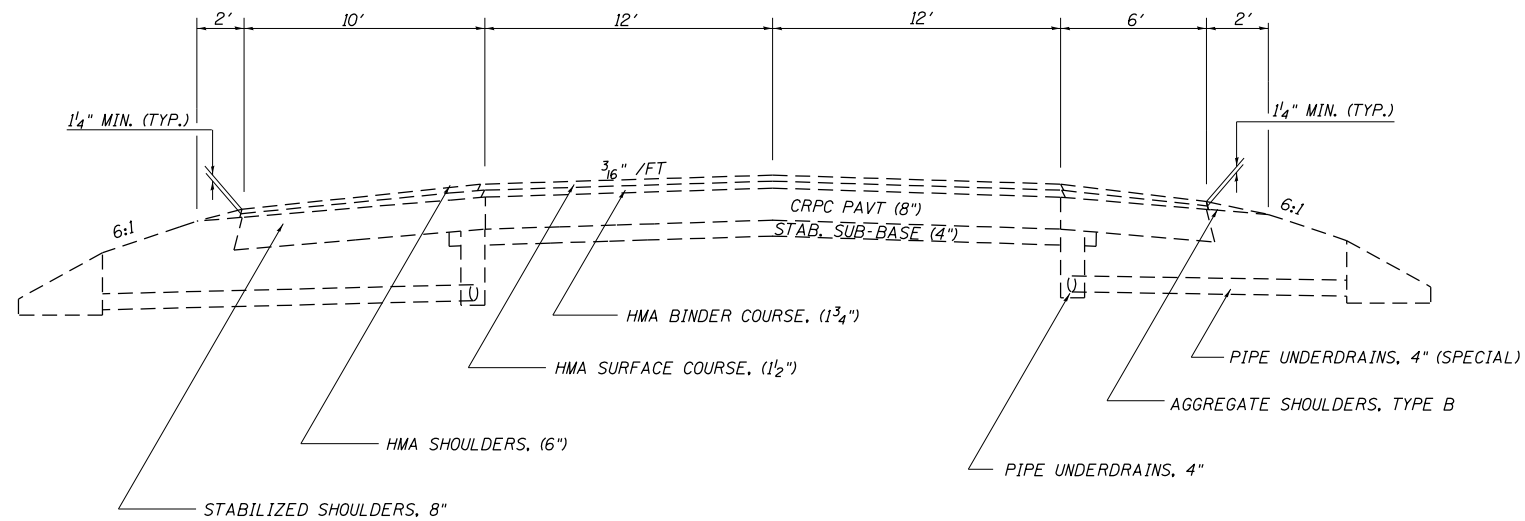
SOUTHBOUND LANE ONLY
 STA. 3308+82.00 TO STA. 4205+21.49
 STA. 4209+81.49 TO STA. 4268+65.75



NOTE: NOTE TO SCALE

EXISTING TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
 STA. 4205+21.49 TO STA. 4209+81.49



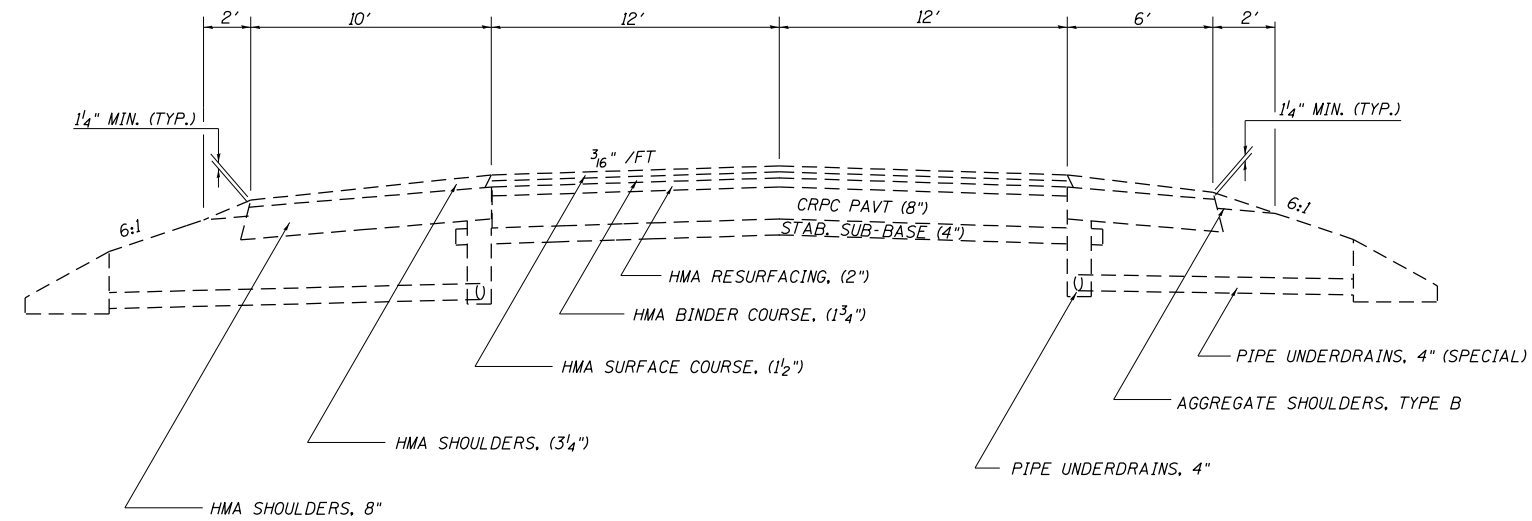
NOTE: NOTE TO SCALE

• (25-6-1)RS-8 & (13-1)RS-2
 • EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\teasleyck\d0181558\d774450-sht-typicals.dgn		DRAWN -	REVISED -		57	.	**	84	9			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 74450							
PLOT DATE = 10/18/2012		DATE -	REVISED -		SCALE: NA	SHEET NO. 1 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

EXISTING TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
STA. 4270+90.08 TO STA. 4287+78.00

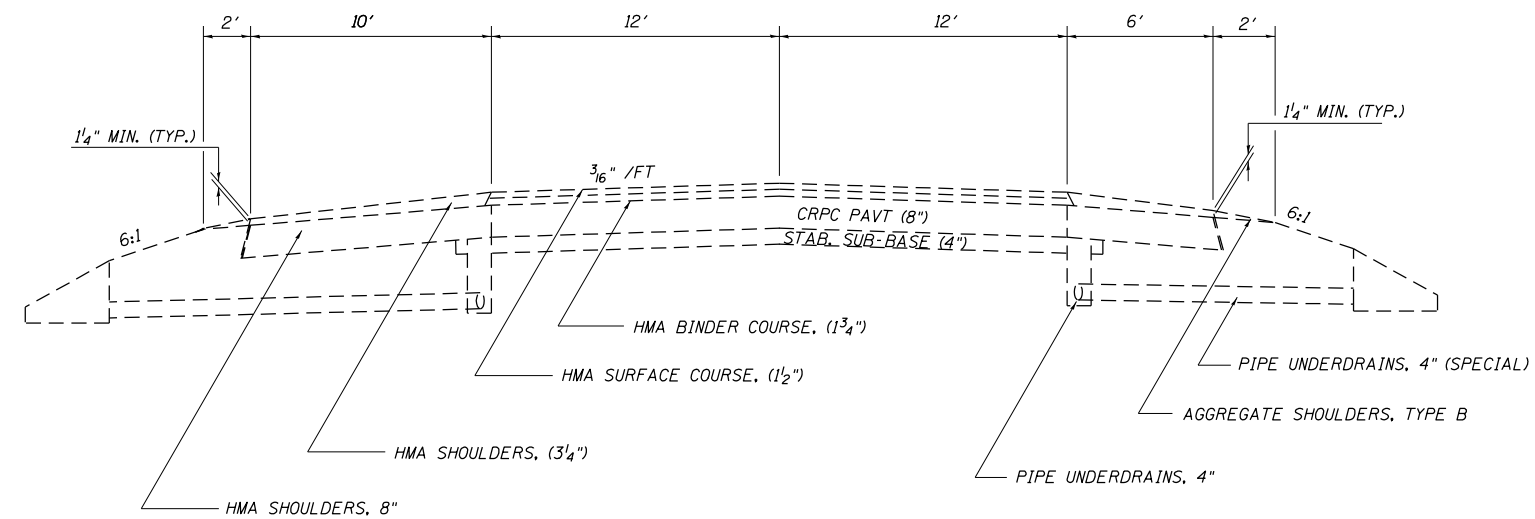


NOTE: NOTE TO SCALE

EXISTING TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
STA. 4287+78.00 TO STA. 4306+53.69
STA. 4308+12.19 TO STA. 4480+99.82
STA. 4482+34.46 TO STA. 4494+71.52
STA. 4507+46.22 TO STA. 4512+49.84
STA. 4545+72.25 TO STA. 4548+42.81
STA. 4554+45.01 TO STA. 4582+79.08

INCLUDES S.E
TRANSITION



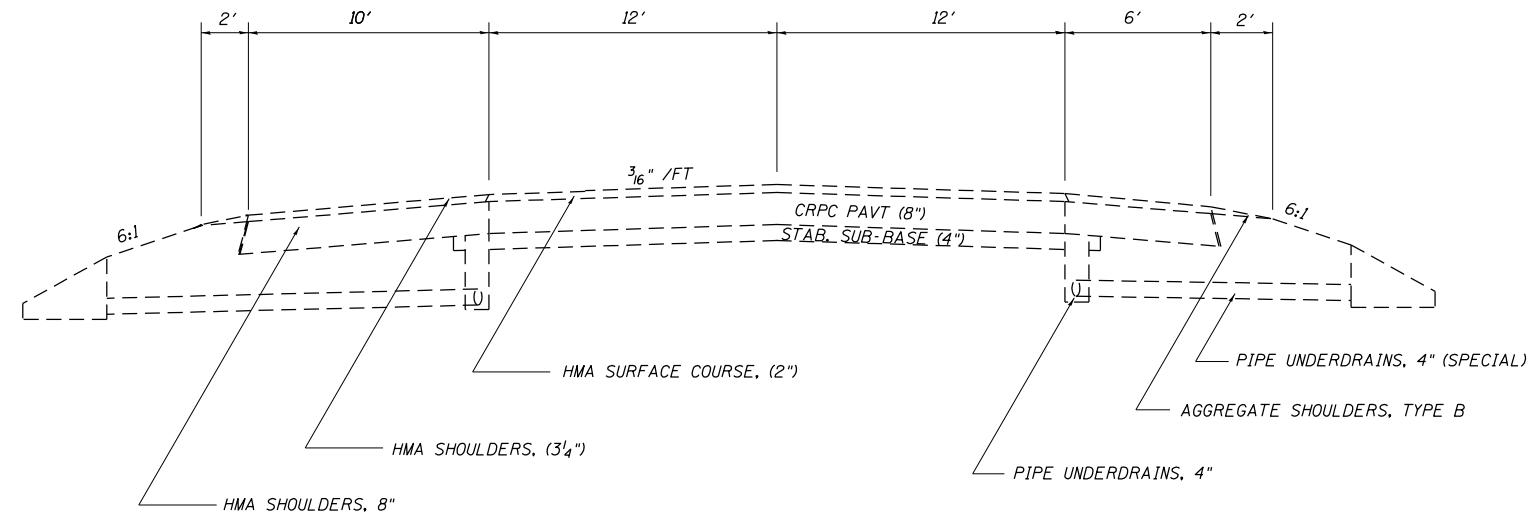
NOTE: NOTE TO SCALE

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\teasleyck\d0181558\d774450-sht-typicals.dgn		DRAWN -	REVISED -			57	.	..	84	10
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74450				
	PLOT DATE = 10/18/2012	DATE -	REVISED -		SCALE: NA	SHEET NO. 2 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

EXISTING TYPICAL CROSS SECTIONS

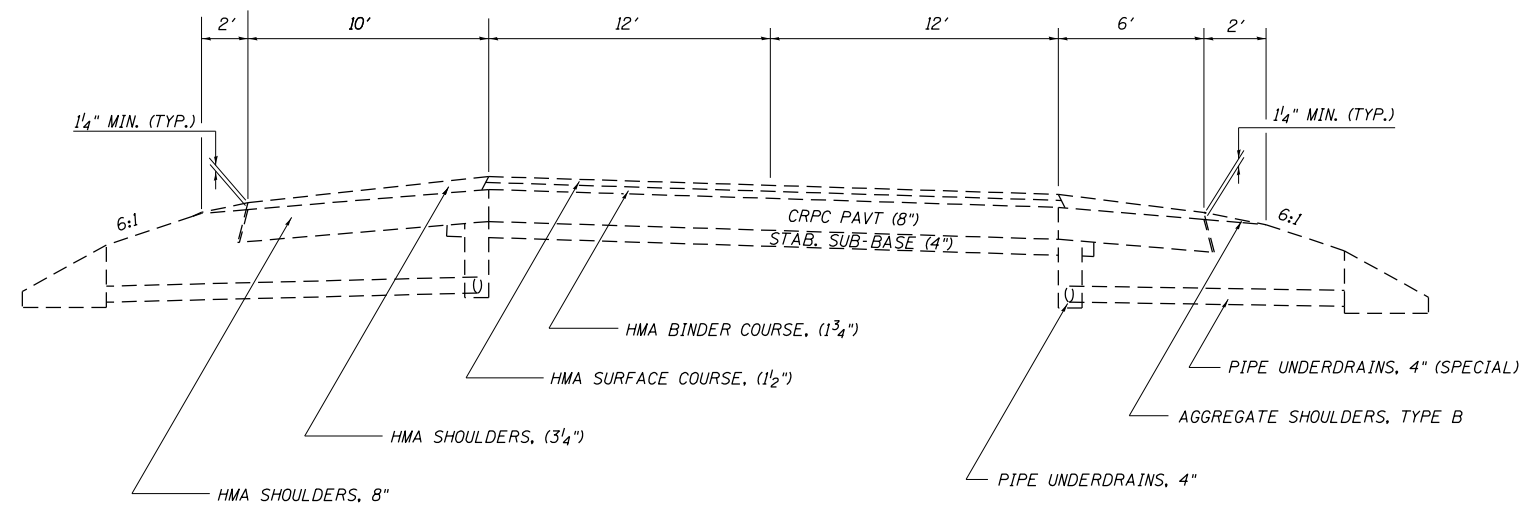
SOUTHBOUND LANE ONLY
STA. 4480+99.82 TO STA. 4482+34.46



NOTE: NOTE TO SCALE

EXISTING TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
STA. 4494+71.52 TO STA. 4507+46.22 SE=0.03'/'
STA. 4512+49.84 TO STA. 4545+72.25 SE=0.035'/'
STA. 4548+42.81 TO STA. 4556+95.11 SE=0.04'/'
STA. 4609+69.68 TO STA. 4625+58.98 SE=0.015'/'



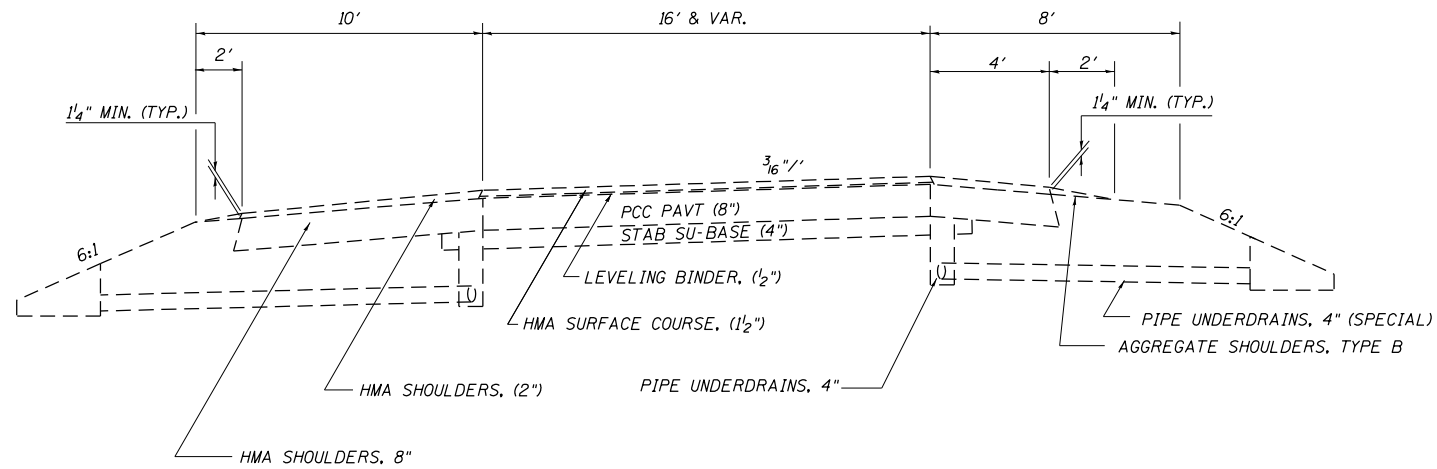
NOTE: NOTE TO SCALE

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ci:\pw\work\p\idot\teasleyck\d0181558\d774450-sht-typicals.dgn	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 3 OF 9 SHEETS	STA.	TO STA.	•	••	84	11
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74450				
	PLOT DATE = 10/18/2012	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTIONS

STA. 7A+75.02 TO STA. 10A+07.02
 STA. 15A+95.48 TO STA. 17A+32.48
 STA. 0B+23.00 TO STA. 5B+55.91

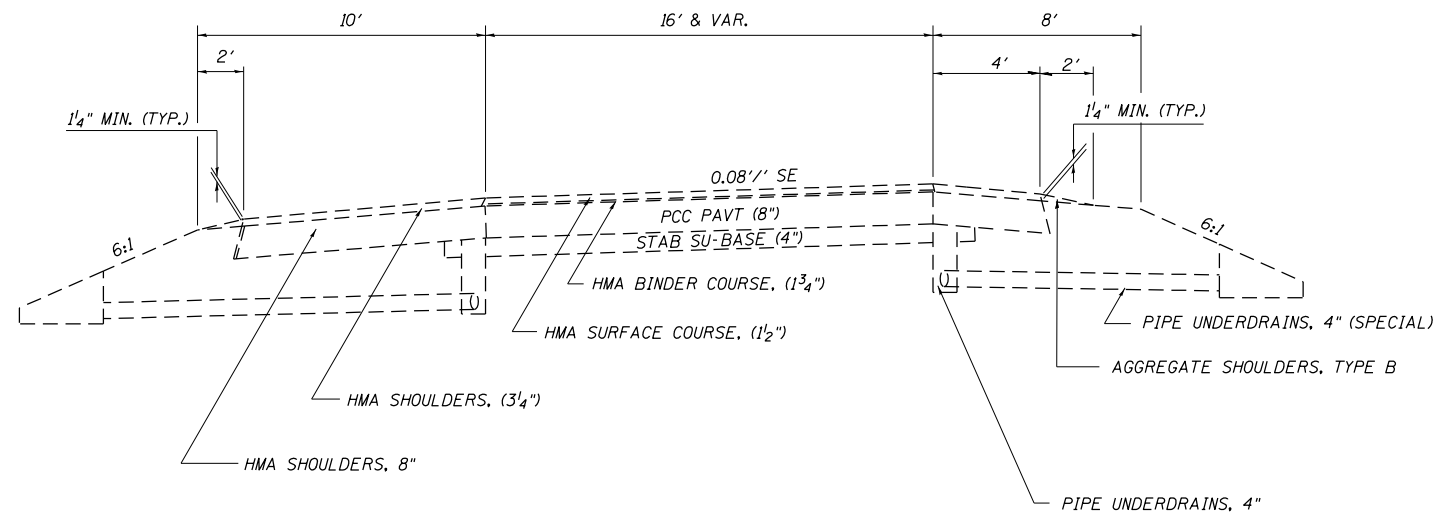
INCLUDES S.E
 TRANSITION



NOTE: NOTE TO SCALE

EXISTING TYPICAL CROSS SECTIONS

STA. 0A+00.00 TO STA. 7A+75.02 (S.E. LT.)
 STA. 10A+07.02 TO STA. 15A+95.48 (S.E. RT.)
 STA. 5B+55.91 TO STA. 10B+52.10 (S.E. LT.)



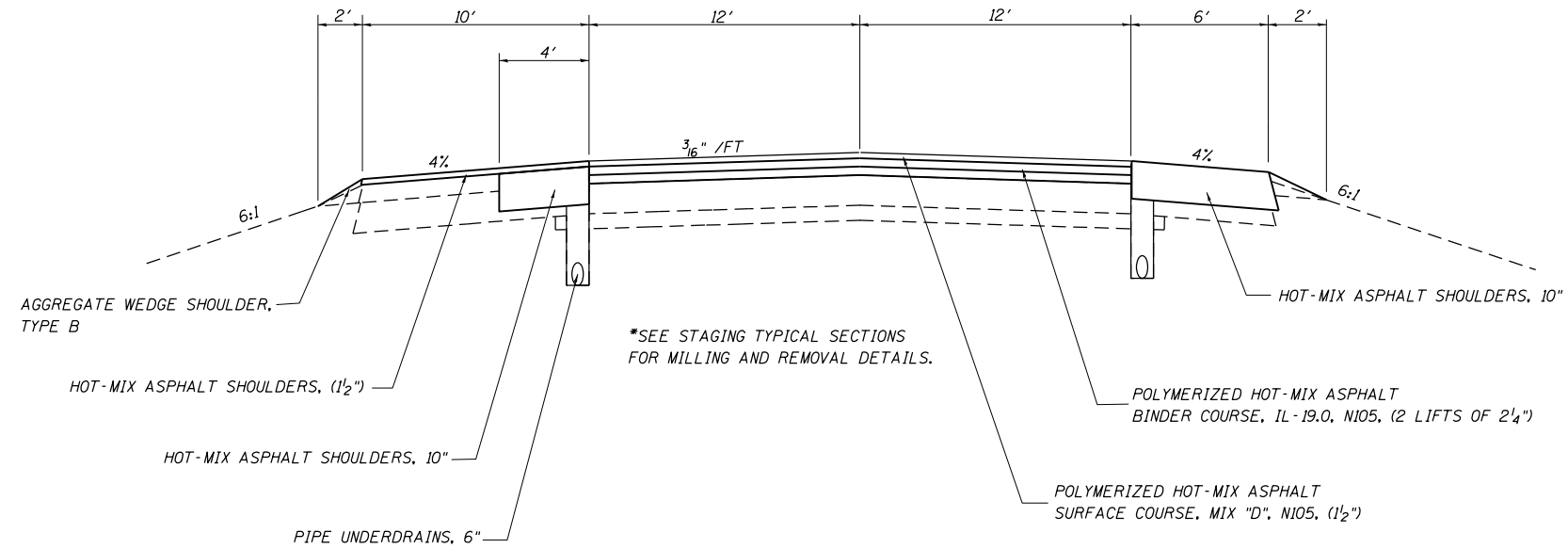
NOTE: NOTE TO SCALE

• (25-6-1)RS-8 & (13-1)RS-2
 • EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\pwidot\teasleyck\d0181558\d774450-sht-typicols.dgn		DRAWN -	REVISED -		57	.	**	84	12			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 74450							
PLOT DATE = 10/18/2012		DATE -	REVISED -		SCALE: NA	SHEET NO. 4 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

① PROPOSED TYPICAL CROSS SECTIONS

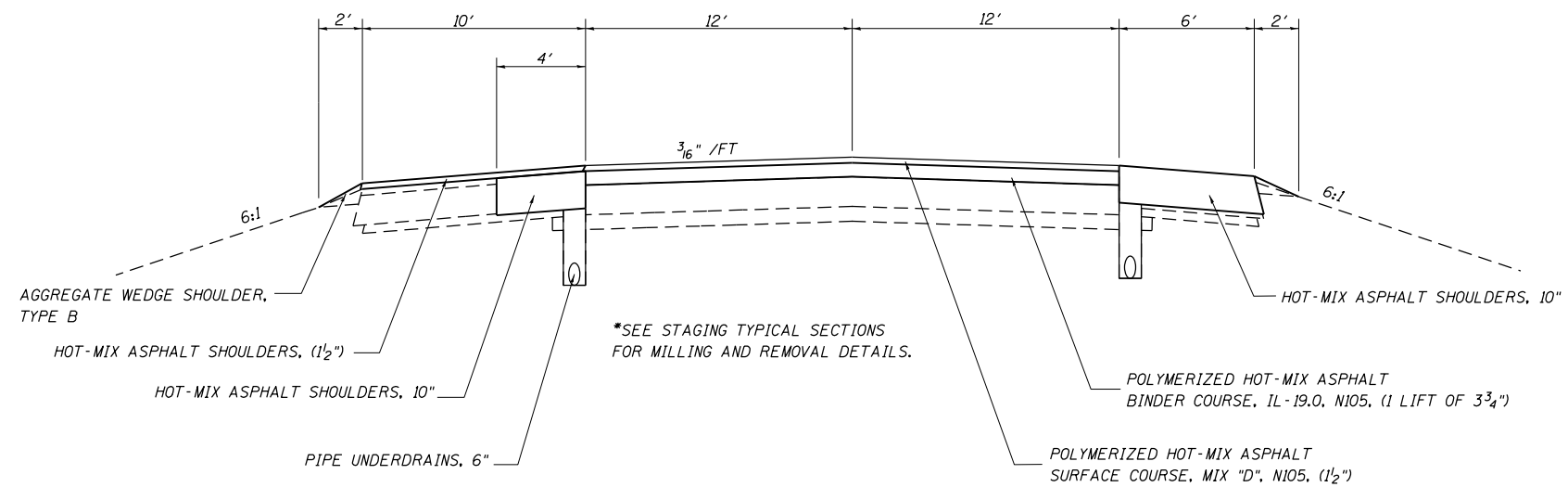
SOUTHBOUND LANE ONLY
 STA. 3308+82.00 TO STA. 4201+08.13
 STA. 4207+86.83 TO STA. 4268+65.75



NOTE: NOTE TO SCALE

② PROPOSED TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
 STA. 4270+90.08 TO STA. 4287+78.00



NOTE: NOTE TO SCALE

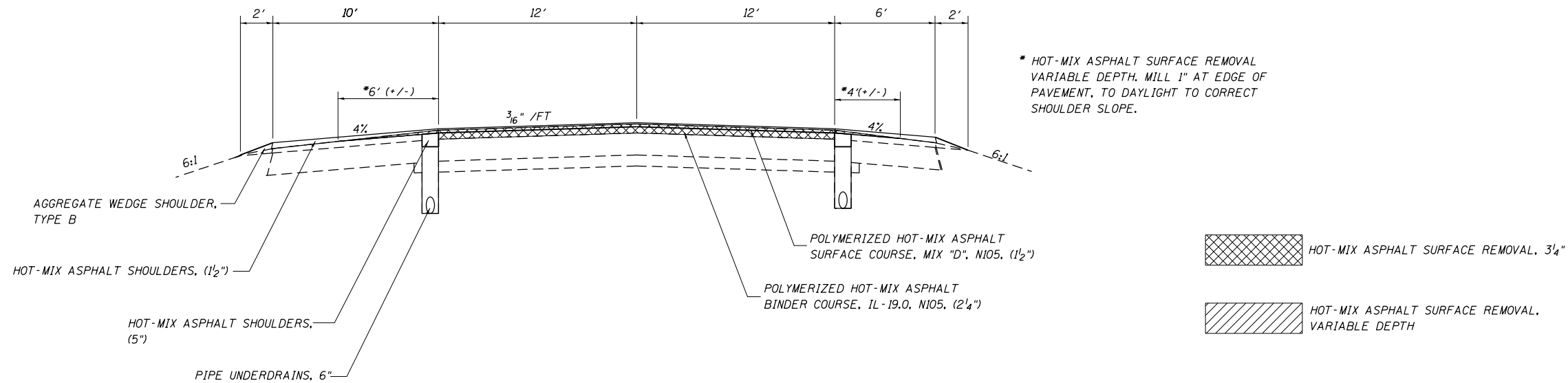
• (25-6-1)RS-8 & (13-1)RS-2
 • EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\teasleyck\d0181558\d774450-sht-typicals.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					57	.	..	84	13
	PLOT DATE = 10/18/2012	CHECKED -	REVISED -		CONTRACT NO. 74450			ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -		SCALE: NA	SHEET NO. 5 OF 9 SHEETS	STA.	TO STA.				

③ PROPOSED TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
 STA. 4287+78.00 TO STA. 4306+53.69
 STA. 4308+12.19 TO STA. 4494+71.52
 STA. 4507+46.22 TO STA. 4512+49.84
 STA. 4545+72.25 TO STA. 4548+42.81
 STA. 4554+45.01 TO STA. 4582+79.08

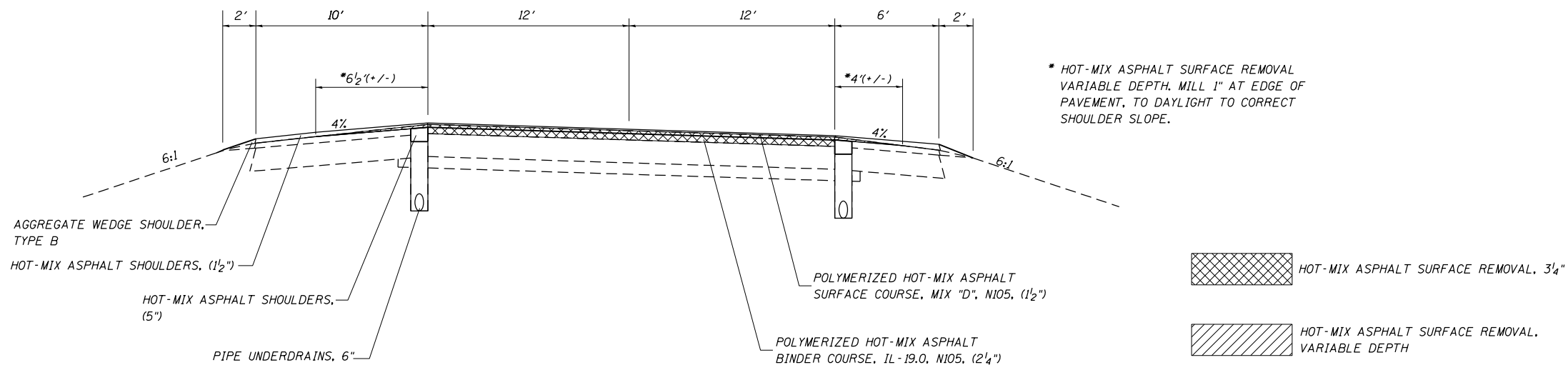
INCLUDES S.E
 TRANSITION



NOTE: NOTE TO SCALE

③ PROPOSED TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
 STA. 4494+71.52 TO STA. 4507+46.22 SE=0.03'/'
 STA. 4512+49.84 TO STA. 4545+72.25 SE=0.035'/'
 STA. 4548+42.81 TO STA. 4556+95.11 SE=0.04'/'
 STA. 4609+69.68 TO STA. 4625+58.98 SE=0.015'/'



NOTE: NOTE TO SCALE

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
ci:\pwork\pwork\teasleyck\d0181558\d774450-sht-typicals.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTION

SCALE: NA SHEET NO. 6 OF 9 SHEETS STA. TO STA.

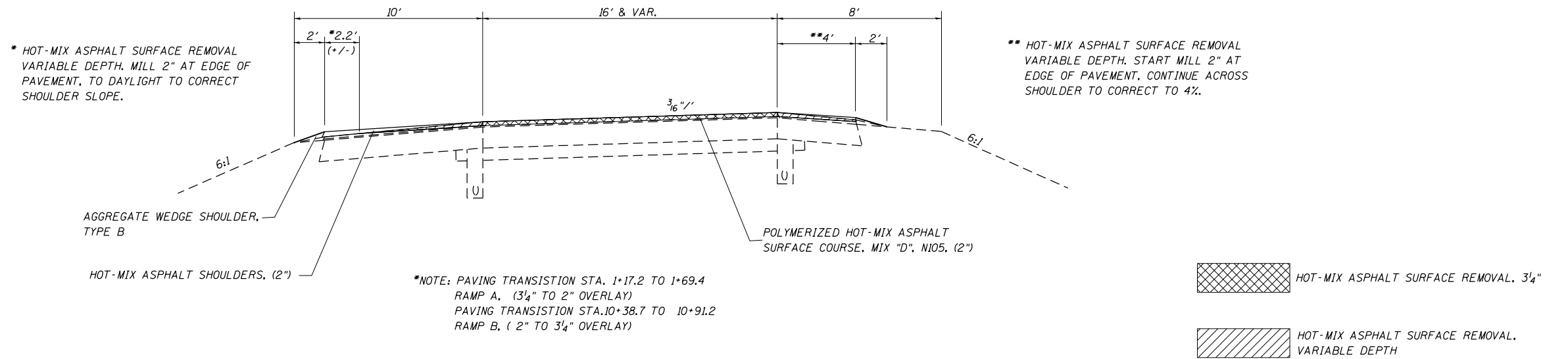
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	14
			CONTRACT NO. 74450	
ILLINOIS FED. AID PROJECT				

• (25-6-1)RS-8 & (13-1)RS-2
 • EFFINGHAM, CLAY

PROPOSED TYPICAL CROSS SECTIONS

STA. 7A+75.02 TO STA. 10A+07.02
 STA. 15A+95.48 TO STA. 17A+32.48
 STA. 0B+23.00 TO STA. 5B+55.91

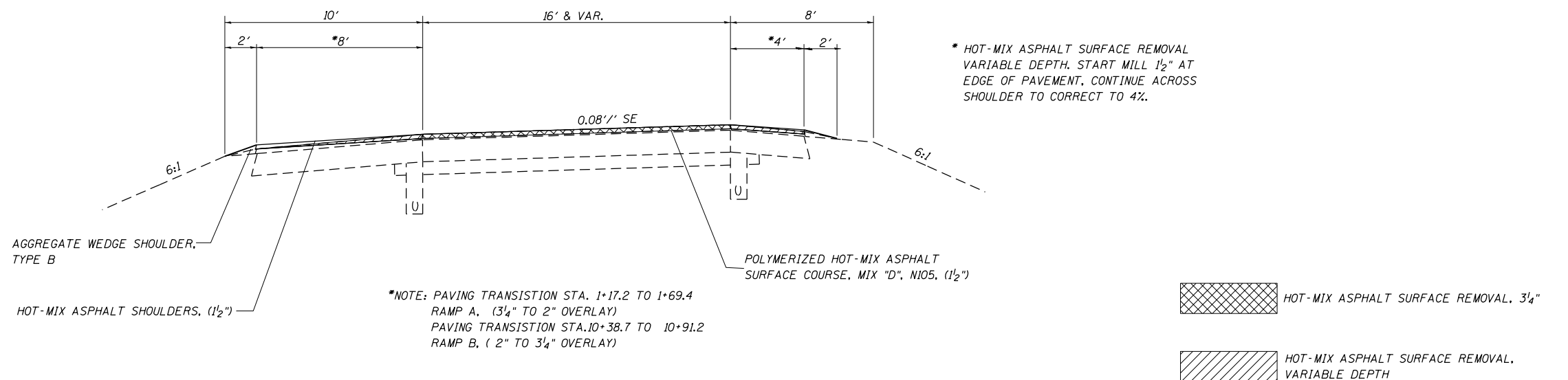
INCLUDES S.E
 TRANSITION



NOTE: NOTE TO SCALE

PROPOSED TYPICAL CROSS SECTIONS

STA. 0A+00.00 TO STA. 7A+75.02 (S.E. LT.)
 STA. 10A+07.02 TO STA. 15A+95.48 (S.E. RT.)
 STA. 5B+55.91 TO STA. 10B+52.10 (S.E. LT.)





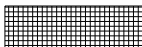
NOTE: NOTE TO SCALE

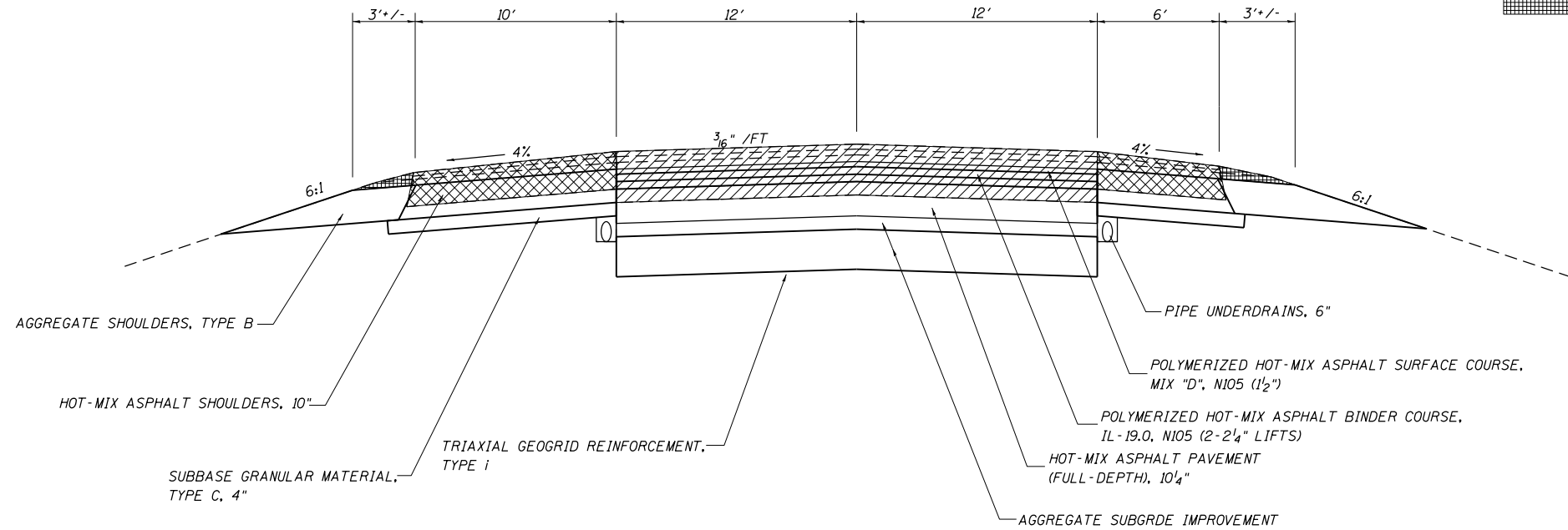
(25-6-1)RS-8 & (13-1)RS-2
 EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\teasleyck\d0181558\d774450-sht-typicals.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					57	.	**	84	15
	PLOT DATE = 10/18/2012	CHECKED -	REVISED -		CONTRACT NO. 74450							
		DATE -	REVISED -		SCALE: NA	SHEET NO. 7 OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

PROPOSED TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
STA. 4201+08.13 TO STA. 4207+86.83



-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  SHAPING AND GRADING EXISTING SHOULDER

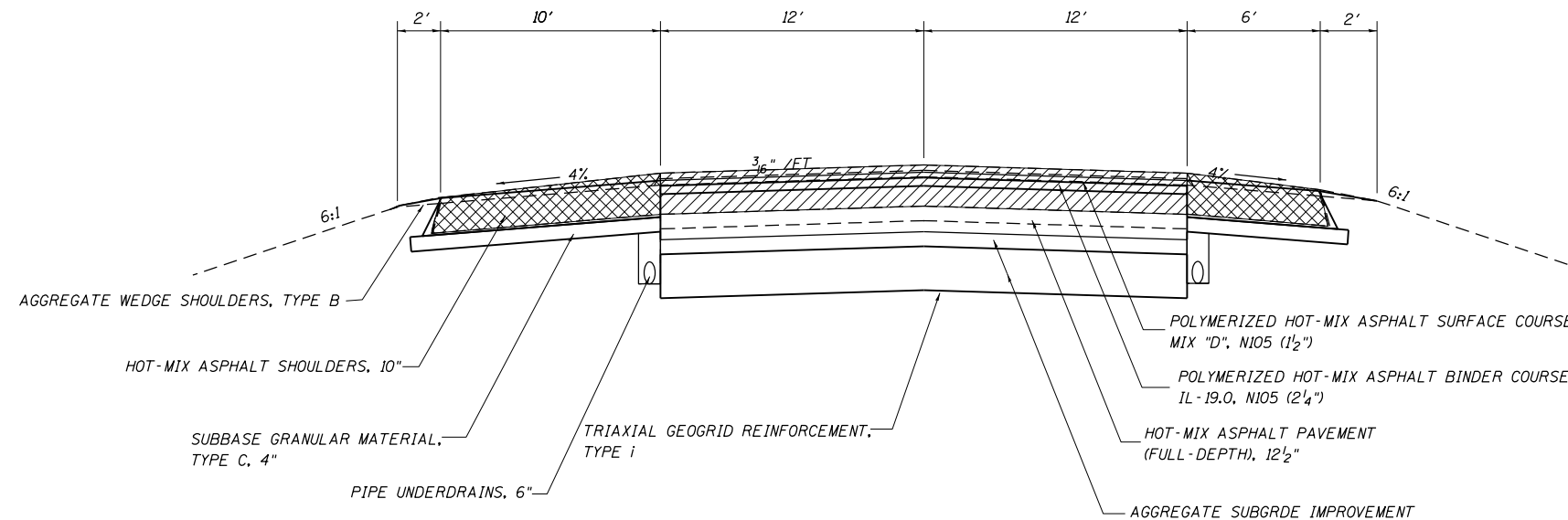


NOTE: NOTE TO SCALE

PROPOSED TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
STA. 4428+44.30 TO STA. 4431+97.40

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL




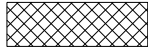
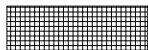
NOTE: NOTE TO SCALE

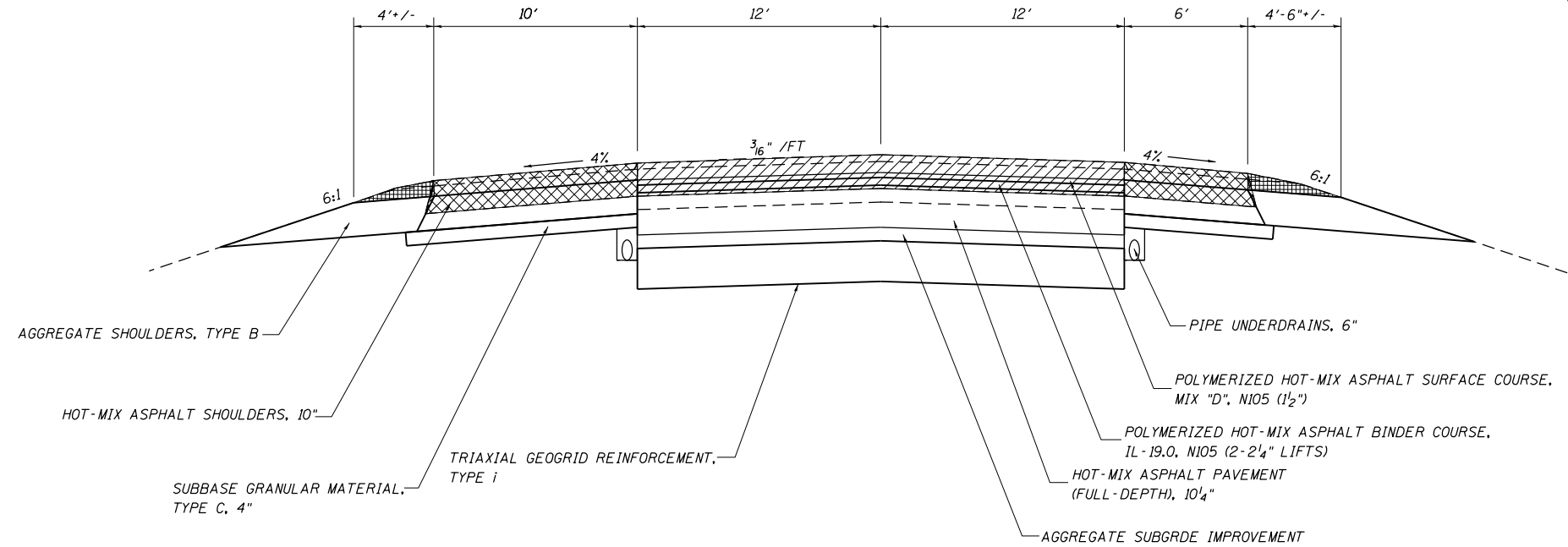
• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\teasleyck\d0181558\d774450-sht-typicals.dgn		DRAWN -	REVISED -		57	.	••	84	16			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 74450							
PLOT DATE = 10/18/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: NA	SHEET NO. 8 OF 9 SHEETS	STA.	TO STA.					

PROPOSED TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
STA. 4478+57.87 TO STA. 4484+74.37

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  SHAPING AND GRADING EXISTING SHOULDER



NOTE: NOTE TO SCALE

• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
ci:\pwork\pwork\teasleyck\0181558\d774450-sht-typicals.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/19/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

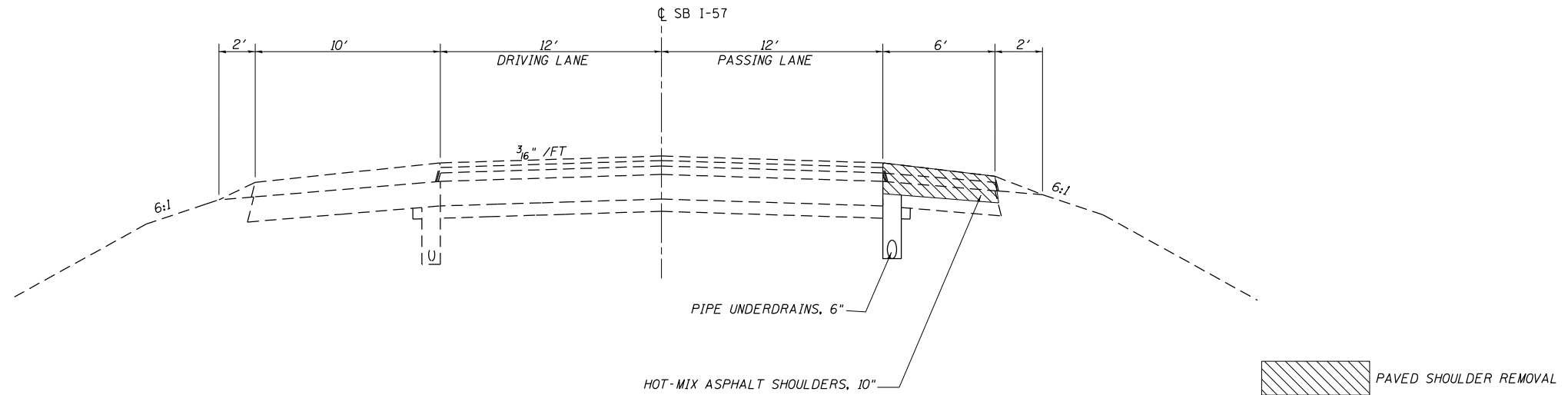
PROPOSED TYPICAL CROSS SECTION

SCALE: NA SHEET NO. 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	••	84	17
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				

PRE-STAGE TYPICAL CROSS SECTIONS

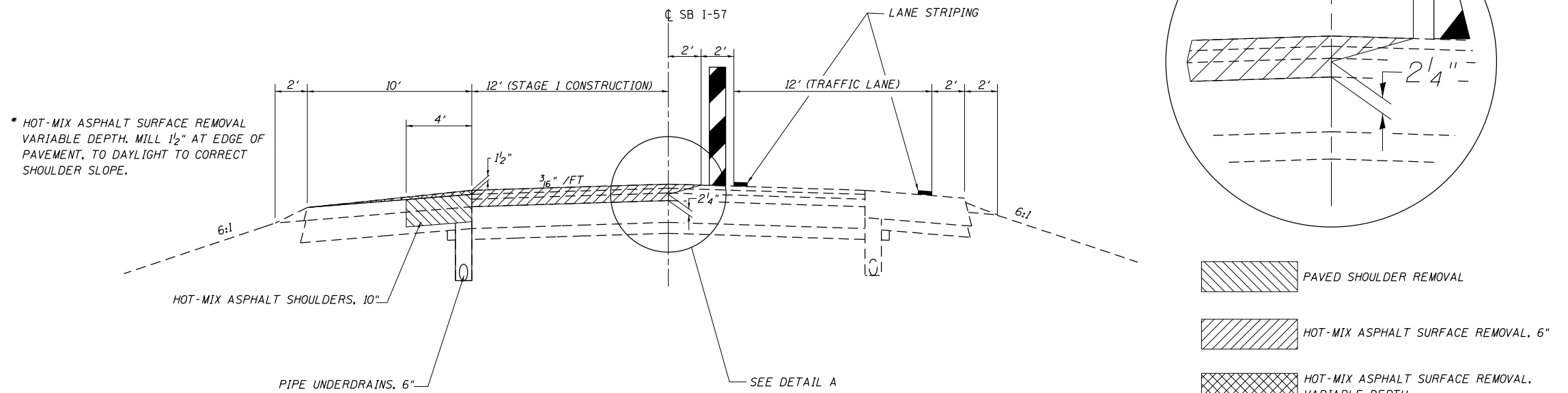
SOUTHBOUND LANE ONLY
 STA. 3308+82.00 TO STA. 4201+08.13
 STA. 4207+86.93 TO STA. 4268+65.75



NOTE: NOTE TO SCALE

STAGE 1A TYPICAL CROSS SECTION

SOUTHBOUND LANE ONLY
 STA. 3308+82.00 TO STA. 4201+08.13
 STA. 4207+86.93 TO STA. 4268+65.75



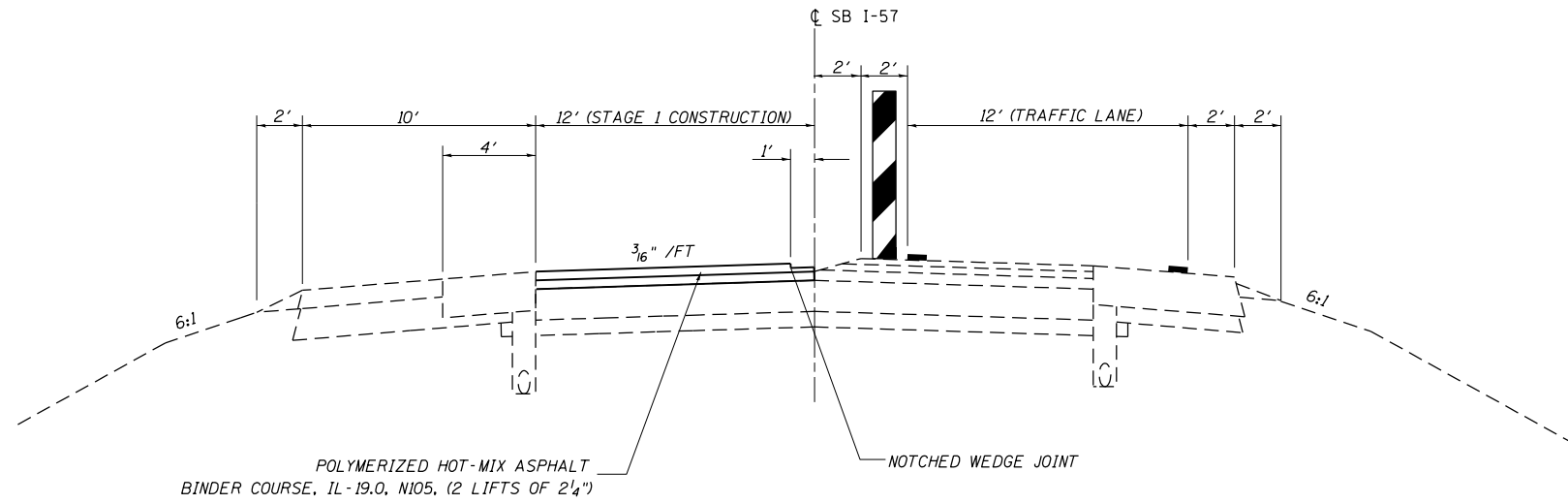
NOTE: NOTE TO SCALE

• (25-6-1)RS-8 & (13-1)RS-2
 • EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	ci:\pwork\pwork\teasleyck\d0181558\d774450-sht-typicals.dgn	DRAWN -	REVISED -		SCALE: NA	SHEET NO. 1 OF 6 SHEETS	STA.	TO STA.	57	•	••	87	18
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74450								
	PLOT DATE = 10/18/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

STAGE 1B TYPICAL CROSS SECTION

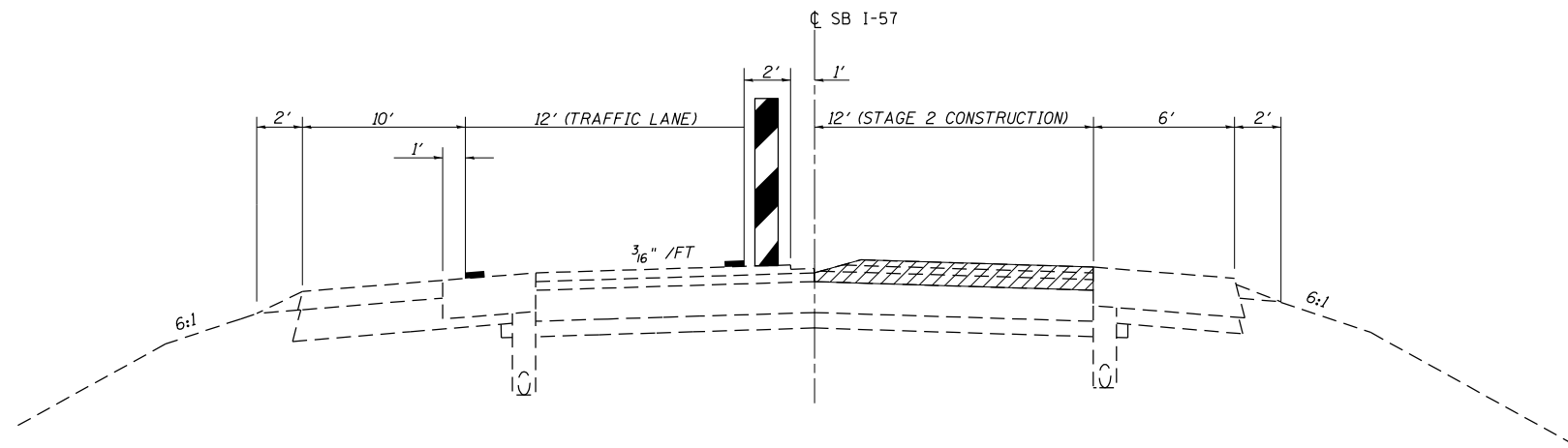
SOUTHBOUND LANE ONLY
 STA. 3308+82.00 TO STA. 4201+08.13
 STA. 4207+86.93 TO STA. 4268+65.75



NOTE: NOTE TO SCALE

STAGE 2A TYPICAL CROSS SECTION

SOUTHBOUND LANE ONLY
 STA. 3308+82.00 TO STA. 421+08.13
 STA. 4207+86.93 TO STA. 4268+65.75



NOTE: NOTE TO SCALE

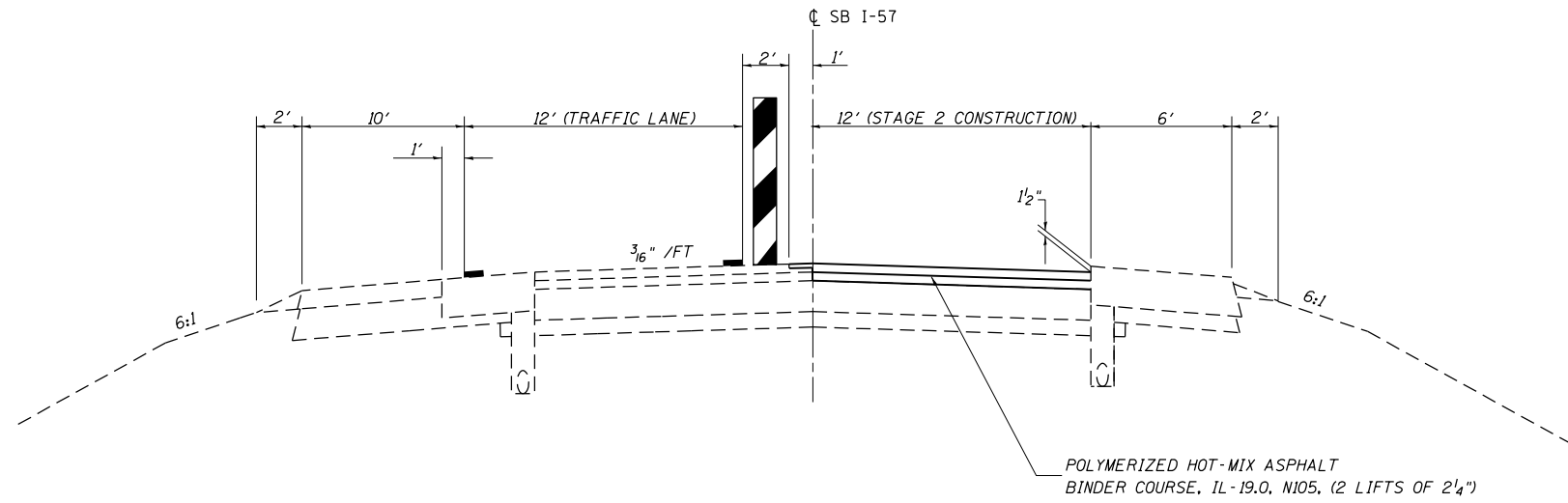
HOT-MIX ASPHALT SURFACE REMOVAL, 6"

- (25-6-1)RS-8 & (13-1)RS-2
- EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\teasleyck\d0181558\d774450-sh-typical.dgn		DRAWN -	REVISED -		57	.	••	84	19	CONTRACT NO. 74450		
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: NA	SHEET NO. 2 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 10/18/2012		DATE -	REVISED -									

STAGE 2B TYPICAL CROSS SECTION

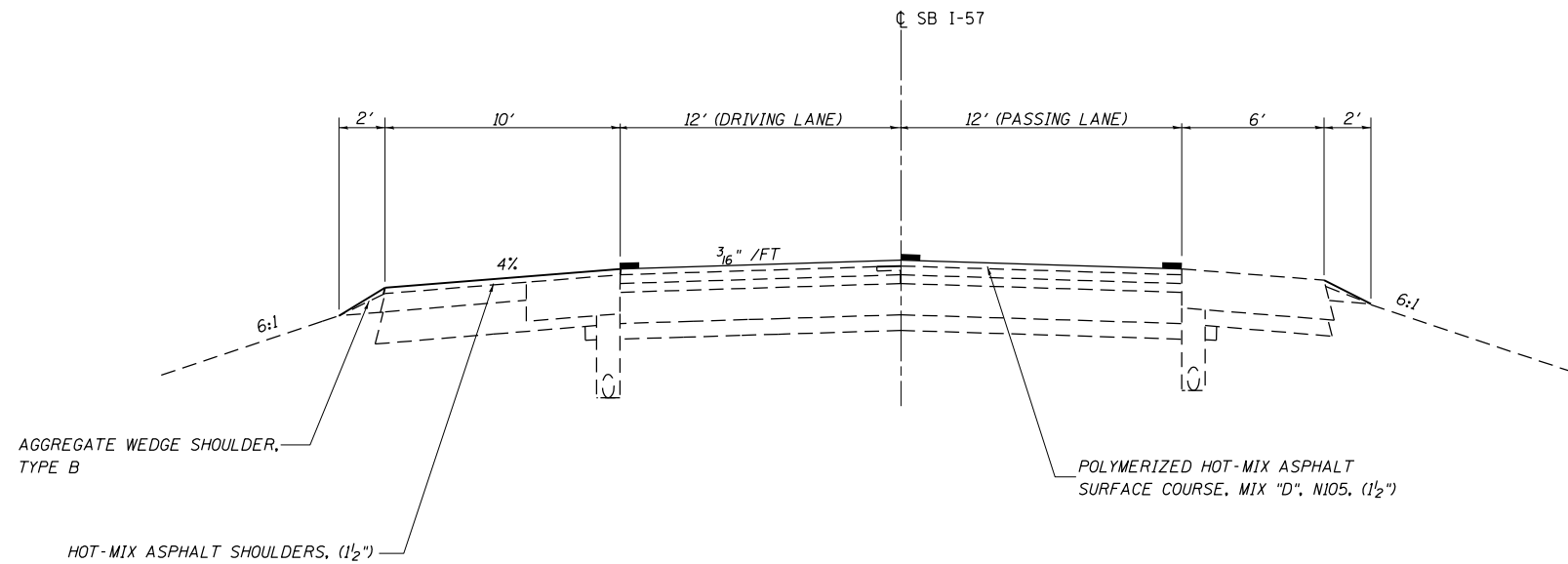
SOUTHBOUND LANE ONLY
 STA. 3308+82.00 TO STA. 4201+08.13
 STA. 4207+86.93 TO STA. 4268+65.75



NOTE: NOTE TO SCALE

STAGE 3 TYPICAL CROSS SECTION

SOUTHBOUND LANE ONLY
 STA. 3308+82.00 TO STA. 4201+08.13
 STA. 4207+86.93 TO STA. 4268+65.75



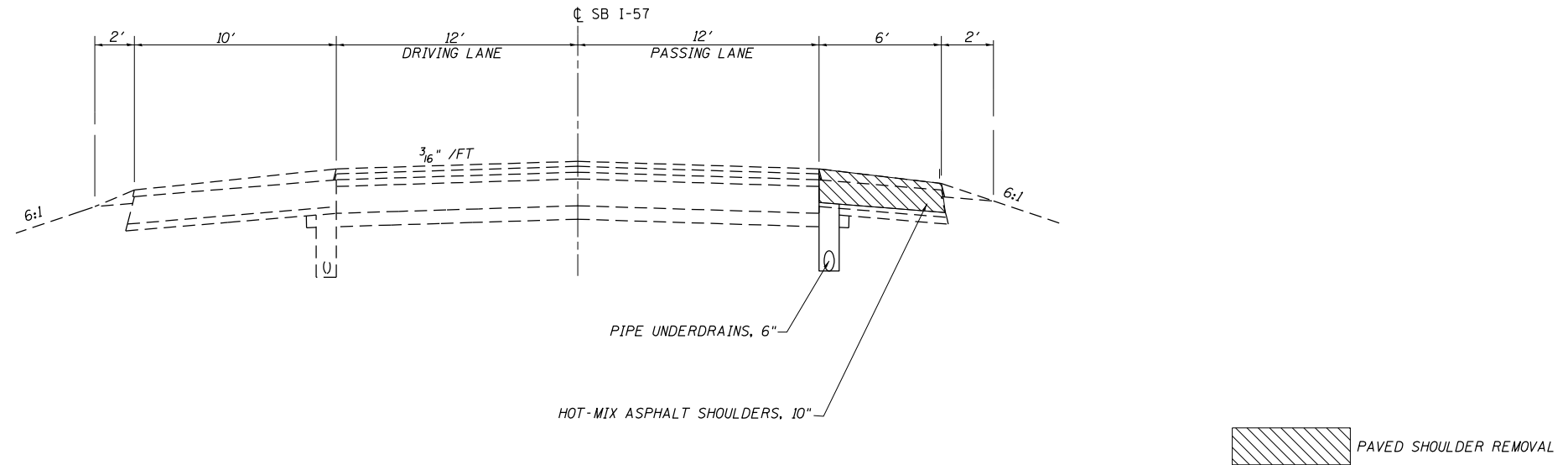
NOTE: NOTE TO SCALE

• (25-6-1)RS-8 & (13-1)RS-2
 • EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\teasleyck\d0181558\d774450-sht-typicals.dgn		DRAWN -	REVISED -		57	.	..	84	20			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 74450							
PLOT DATE = 10/18/2012		DATE -	REVISED -		SCALE: NA	SHEET NO. 3 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

PRE-STAGE TYPICAL CROSS SECTIONS

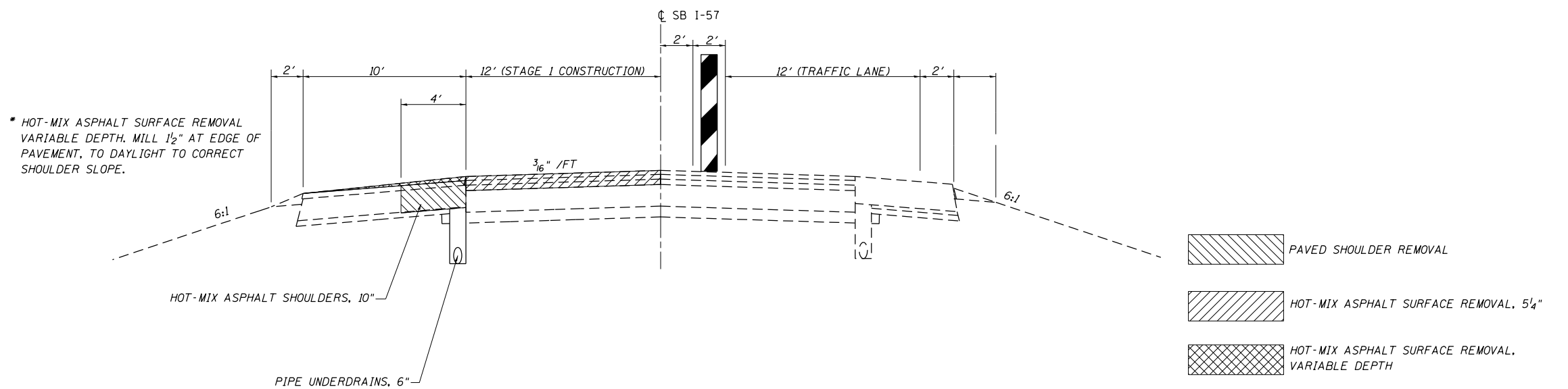
SOUTHBOUND LANE ONLY
STA. 4270+90.08 TO STA. 4287+78.00



NOTE: NOTE TO SCALE

STAGE 1A TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
STA. 4270+90.08 TO STA. 4287+78.00



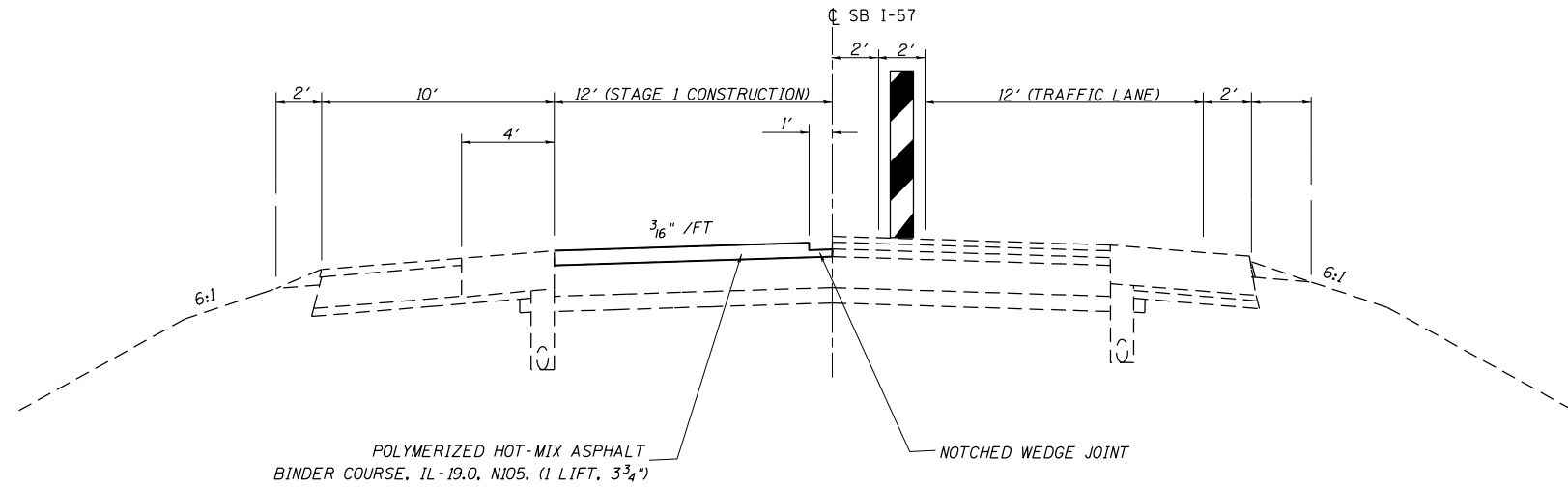
NOTE: NOTE TO SCALE

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 4 OF 6 SHEETS	STA.	TO STA.	57	•	••	84	21
		CHECKED -	REVISED -		CONTRACT NO. 74450								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

STAGE 1B TYPICAL CROSS SECTIONS

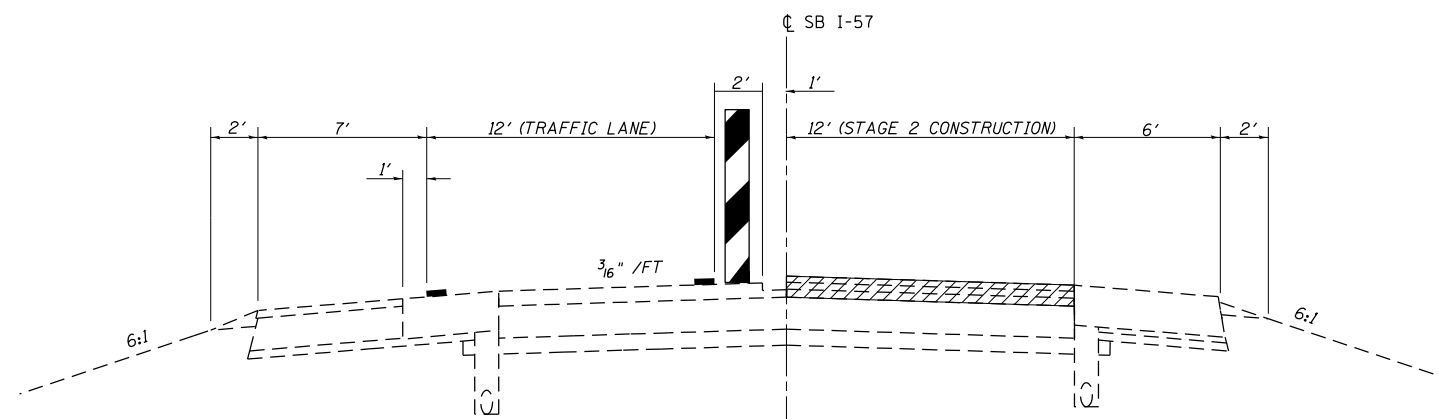
SOUTHBOUND LANE ONLY
STA. 4270+90.08 TO STA. 4287+78.00



NOTE: NOTE TO SCALE

STAGE 2A TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
STA. 4270+90.08 TO STA. 4287+78.00



HOT-MIX ASPHALT SURFACE REMOVAL, 5 1/4"

NOTE: NOTE TO SCALE

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
ci:\pwork\pwork\teasleyck\d0181558\d774450-sht-typicals.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING TYPICAL CROSS SECTION

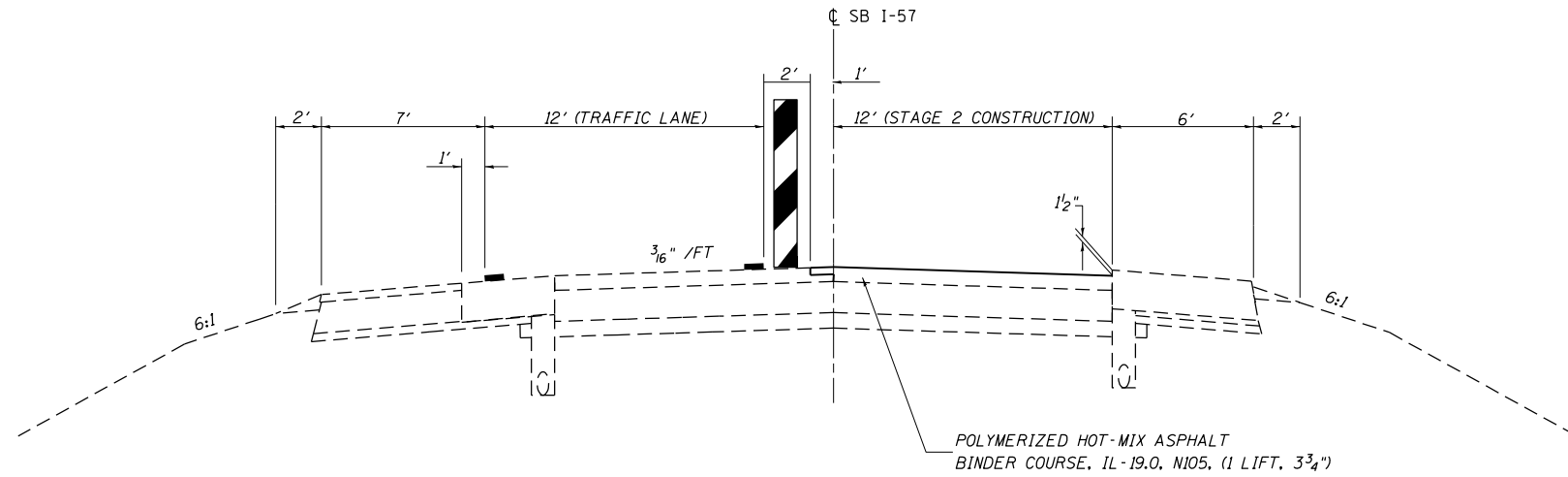
SCALE: NA SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	..	84	22
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY

STAGE 2B TYPICAL CROSS SECTIONS

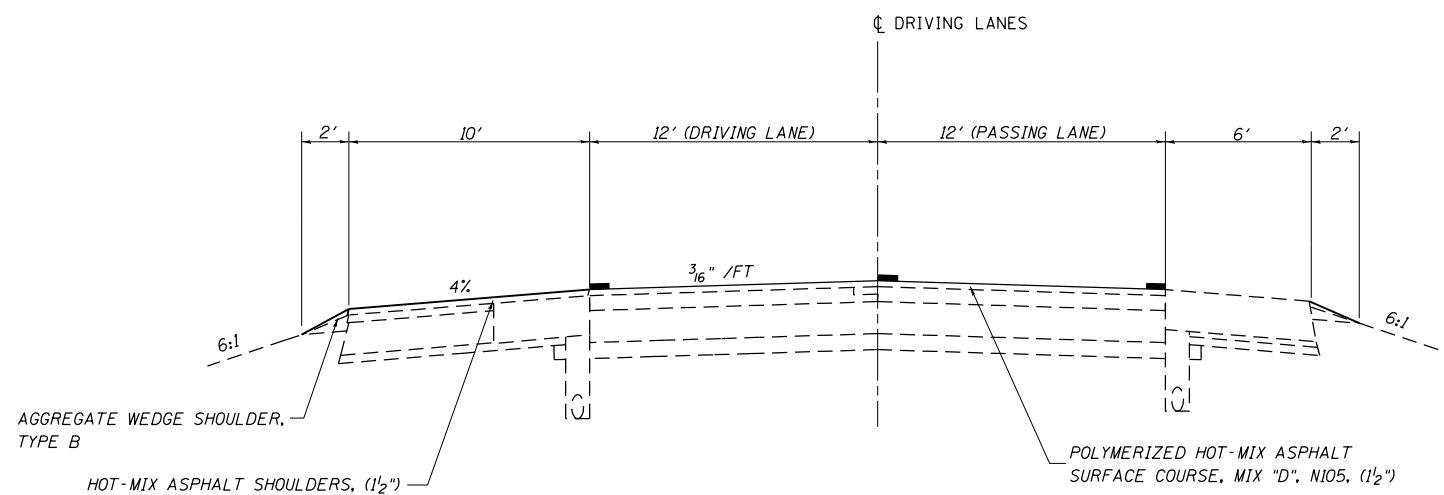
SOUTHBOUND LANE ONLY
STA. 4270+90.08 TO STA. 4287+78.00



NOTE: NOTE TO SCALE

STAGE 3 TYPICAL CROSS SECTIONS

SOUTHBOUND LANE ONLY
STA. 4270+90.08 TO STA. 4287+78.00



NOTE: NOTE TO SCALE

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING TYPICAL CROSS SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\teasleyck\d0181558\d774450-sh-t-typicals.dgn		DRAWN -	REVISED -			57	.	..	84	23
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74450				
	PLOT DATE = 10/18/2012	DATE -	REVISED -		SCALE: NA	SHEET NO. 6	OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

PAVING SCHEDULE

STATION TO	STATION	LENGTH FEET	PAVEMENT WIDTH FEET	SHOULDER WIDTH FEET	PAVEMENT AREA SQ YD	SHOULDER AREA SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TON	POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-19, 0, N105 TON	POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "D", N105 TON	HOT MIX ASPHALT PAVEMENT (FULL-DEPTH, 10 1/4" TON	HOT MIX ASPHALT PAVEMENT (FULL-DEPTH, 12 1/2" TON	HOT MIX ASPHALT SHOULDERS TON	HOT MIX ASPHALT SHOULDERS, 10" TON	SHOULDER RUMBLE STRIPS, 16" FOOT	AGGREGATE WEDGE SHOULDER, TYPE B TON	SUBBASE GRANULAR MATERIAL, TYPE C, 6" SQ YD	
3308+82.00 TO	3309+82.00	100.0	24.0	10.0	266.7	177.8	44.4	0.9	67.2	22.4	0.0	0.0	9.3	111.1	200.0	4.7	0.0	
3309+82.00 TO	3319+28.74	946.7	24.0	10.0	2,524.6	1,683.1	420.8	8.4	636.2	212.1	0.0	0.0	88.4	1,051.9	1,893.5	44.9	0.0	
3319+28.74 =	4199+97.27	STATION EQUATION																
4199+97.27 TO	4201+08.13	110.9	24.0	10.0	295.6	197.1	49.3	1.0	74.5	24.8	0.0	0.0	10.3	123.2	221.7	5.3	0.0	
4201+08.13 TO	4207+51.63	643.5	24.0	10.0	1,716.0	1,144.0	286.0	5.7	432.4	144.1	1,710.9	0.0	79.4	1,144.0	1,287.0	30.5	1,206.6	
4207+51.63 TO	4207+86.83	35.2	24.0	10.0	93.9	62.6	15.6	0.3	23.7	7.9	99.0	0.0	13.1	62.6	70.4	1.7	0.0	
4207+86.83 TO	4268+65.75	6,078.9	24.0	10.0	16,210.5	10,807.0	2,701.7	54.0	4,085.0	1,361.7	0.0	0.0	591.4	6,754.4	12,157.8	288.5	0.0	
4268+65.75 TO	4270+90.08	224.3	PAVING OMISSION														448.7	
4270+90.08 TO	4287+00.00	1,609.9	24.0	10.0	4,293.1	2,862.1	715.5	14.3	901.6	360.6	0.0	0.0	241.1	1,788.8	3,219.8	76.4	0.0	
4287+00.00 TO	4287+78.00	78.0	24.0	10.0	208.0	138.7	34.7	0.7	34.9	17.5	0.0	0.0	7.3	86.7	156.0	3.7	0.0	
4287+78.00 TO	4287+89.90	11.9	24.0	6.0	31.7	21.2	5.3	0.1	4.0	2.7	0.0	0.0	0.7	0.0	23.8	0.6	0.0	
4287+89.90 TO	4295+39.62	749.7	24.0	6.0	1,999.3	499.8	249.9	5.0	251.9	167.9	0.0	0.0	42.0	0.0	1,499.4	35.6	0.0	
4295+39.62 TO	4297+39.66	200.0	24.0	6.0	533.4	222.3	75.6	1.5	67.2	44.8	0.0	0.0	11.2	0.0	400.1	9.5	0.0	
4297+39.66 TO	4298+59.54	119.9	24.0	6.0	319.7	199.0	51.9	1.0	40.3	26.9	0.0	0.0	6.7	0.0	239.8	5.7	0.0	
4298+59.54 TO	4306+53.69	794.2	24.0	16.0	2,117.7	1,411.8	353.0	7.1	266.8	177.9	0.0	0.0	118.6	0.0	1,588.3	37.7	0.0	
4306+53.69 TO	4308+12.04	158.5	PAVING OMISSION														317.0	
4308+12.04 TO	4320+36.85	1,224.7	24.0	16.0	3,265.8	2,177.2	544.3	10.9	411.5	274.3	0.0	0.0	246.2	0.0	2,449.3	58.1	0.0	
4320+36.85 TO	4323+58.71	321.9	24.0	6.0	858.3	553.4	141.2	2.8	108.1	72.1	0.0	0.0	18.0	0.0	643.7	15.3	0.0	
4323+58.71 TO	4326+60.54	301.8	24.0	6.0	804.9	201.2	100.6	2.0	101.4	67.6	0.0	0.0	16.9	0.0	603.7	14.3	0.0	
4326+60.54 TO	4427+44.30	10,083.8	24.0	16.0	26,890.0	17,926.7	4,481.7	89.6	3,388.1	2,258.8	0.0	0.0	1,534.8	0.0	20,167.5	478.5	0.0	
4427+44.30 TO	4428+44.30	100.0	24.0	16.0	266.7	177.8	44.4	0.9	33.6	22.4	0.0	0.0	14.9	111.1	200.0	4.7	0.0	
4428+44.30 TO	4431+97.40	353.1	24.0	16.0	941.6	627.7	156.9	3.1	118.6	79.1	0.0	941.6	68.6	627.7	706.2	16.8	627.7	
4431+97.40 TO	4434+59.25	261.8	24.0	16.0	698.3	465.5	116.4	2.3	88.0	58.7	0.0	0.0	39.1	290.9	523.7	12.4	0.0	
4434+59.25 TO	4476+17.92	4,158.7	24.0	16.0	11,089.8	7,393.2	1,848.3	37.0	1,397.3	931.5	0.0	0.0	621.0	0.0	8,317.3	197.3	0.0	
4476+17.92 TO	4478+57.87	240.0	24.0	16.0	639.9	426.6	106.6	2.1	80.6	53.7	0.0	0.0	35.8	266.6	479.9	11.4	0.0	
4478+57.87 TO	4484+74.37	616.5	24.0	16.0	1,644.0	1,096.0	274.0	5.5	207.1	138.1	0.0	1,644.0	92.1	1,096.0	1,233.0	29.3	1,096.0	
4484+74.37 TO	4487+39.88	265.5	24.0	16.0	708.0	472.0	118.0	2.4	89.2	59.5	0.0	0.0	39.6	295.0	531.0	12.6	0.0	
4487+39.88 TO	4494+71.52	731.6	24.0	16.0	1,951.0	1,300.7	325.2	6.5	245.8	163.9	0.0	0.0	109.3	0.0	1,463.3	34.7	0.0	
4494+71.52 TO	4556+95.11	6,223.6	24.0	16.0	16,596.2	11,064.2	2,766.0	55.3	2,091.1	1,394.1	0.0	0.0	929.4	0.0	12,447.2	295.3	0.0	
4556+95.11 =	4554+45.01	STATION EQUATION																
4554+45.01 TO	4582+79.08	2,834.1	24.0	16.0	7,557.5	5,038.3	1,259.6	25.2	952.2	634.8	0.0	0.0	423.2	0.0	5,668.1	134.5	0.0	
4582+79.08 =	4609+69.88	STATION EQUATION																
4609+69.88 TO	4625+58.98	1,589.1	24.0	16.0	4,237.6	2,825.1	706.3	14.1	533.9	356.0	0.0	0.0	237.3	0.0	3,178.2	75.4	0.0	
SHEET TOTALS		29,789			108,760	71,172	17,993	360	16,733	9,136	1,810	2,586	5,646	13,810	82,336	1,935	2,930	

• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\midot\teasleyck\d0181558\d774450-sht-sch.dgn	DRAWN -	REVISED -	57					•	••	84	24	
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -	CONTRACT NO. 74450									
PLOT DATE = 10/18/2012	DATE -	REVISED -	SCALE: NA					SHEET NO. 1 OF 13 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

PAVING SCHEDULE (Cont'd)

STATION TO STATION	LENGTH FEET	PAVEMENT WIDTH FEET	SHOULDER WIDTH FEET	PAVEMENT AREA SQ YD	SHOULDER AREA SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TON	POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N105 TON	POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "D", N105 TON	HOT MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/4" TON	HOT MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/2" TON	HOT MIX ASPHALT SHOULDERS TON	HOT MIX ASPHALT SHOULDERS, 10" FOOT	SHOULDER RUMBLE STRIPS, 16" TON	AGGREGATE WEDGE SHOULDER, TYPE B SQ YD	SUBBASE GRANULAR MATERIAL, TYPE C, 6" SQ YD
Ramp A CH 29																
4287+89.90 TO 4297+39.84	949.9	Variable	8.0	791.6	844.4	163.6	3.3	99.7	66.5	0.0	0.0	70.9	0.0	0.0	45.1	0.0
0+00.00 TO 1+17.22	117.2	15.0	8.0	195.4	104.2	30.0	0.6	24.6	16.4	0.0	0.0	8.8	0.0	0.0	5.6	0.0
1+17.22 TO 1+40.20	23.0	16.0	12.0	40.9	30.6	7.1	0.1	5.1	3.4	0.0	0.0	2.6	0.0	0.0	1.1	0.0
1+40.20 TO 1+65.20	25.0	16.0	12.0	44.4	33.3	7.8	0.2	2.8	4.4	0.0	0.0	3.7	0.0	0.0	1.2	0.0
1+65.20 TO 7+75.02	609.8	16.0	12.0	1,084.1	813.1	189.7	3.8	0.0	121.4	0.0	0.0	91.1	0.0	0.0	28.9	0.0
7+75.02 TO 10+07.02	232.0	16.0	12.0	412.4	309.3	72.2	1.4	0.0	46.2	0.0	0.0	34.6	0.0	0.0	11.0	0.0
10+07.02 TO 15+95.48	588.5	16.0	12.0	1,046.2	784.6	183.1	3.7	0.0	117.2	0.0	0.0	87.9	0.0	0.0	27.9	0.0
15+95.48 TO 16+30.16	34.7	16.0	12.0	61.7	46.2	10.8	0.2	0.0	6.9	0.0	0.0	5.2	0.0	0.0	1.6	0.0
16+30.16 TO 17+32.48	102.3	Variable	12.0	379.5	136.4	51.6	1.0	0.0	42.5	0.0	0.0	15.3	0.0	0.0	4.9	0.0
Ramp B CH 29																
0+23.00 TO 1+44.90	121.9	Variable	12.0	477.3	162.5	64.0	1.3	0.0	53.5	0.0	0.0	18.2	0.0	0.0	0.0	0.0
1+44.90 TO 5+55.91	411.0	16.0	12.0	730.7	548.0	127.9	2.6	0.0	81.8	0.0	0.0	61.4	0.0	0.0	19.5	0.0
5+55.91 TO 10+27.10	471.2	16.0	12.0	837.7	628.3	146.6	2.9	0.0	93.8	0.0	0.0	70.4	0.0	0.0	22.4	0.0
10+27.10 TO 10+52.10	25.0	16.0	12.0	44.4	33.3	7.8	0.2	2.8	4.4	0.0	0.0	3.7	0.0	0.0	1.2	0.0
10+52.10 TO 10+91.15	39.1	16.0	12.0	69.4	52.1	12.1	0.2	8.7	5.8	0.0	0.0	4.4	0.0	0.0	1.9	0.0
10+91.15 TO 11+84.73	93.6	16.0	8.0	166.4	83.2	25.0	0.5	21.0	14.0	0.0	0.0	7.0	0.0	0.0	4.4	0.0
4321+31.36 TO 4326+60.54	529.2	Variable	8.0	499.8	470.4	97.0	1.9	63.0	42.0	0.0	0.0	39.5	0.0	0.0	25.1	0.0
MEDIAN CROSS-OVERS																
4220+00.00	0.0	Variable	NA	96.4	0.0	9.6	0.2	NA	NA	0.0	0.0	8.1	0.0	0.0	0.0	0.0
4361+18.00	0.0	Variable	NA	96.4	0.0	9.6	0.2	NA	NA	0.0	0.0	8.1	0.0	0.0	0.0	0.0
4570+92.00	0.0	Variable	NA	88.4	0.0	8.8	0.2	NA	NA	0.0	0.0	7.4	0.0	0.0	0.0	0.0
SHEET TOTALS																
PROJECT TOTALS																

• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\teasleyck\d0181558\d774450-sht-sch.dgn		DRAWN -	REVISED -		57	•	••	84	25			
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 74450			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/18/2012		DATE -	REVISED -		SCALE: NA	SHEET NO. 2 OF 13 SHEETS	STA. TO STA.					

REMOVAL SCHEDULE

STATION TO	STATION	LENGTH FEET	PAVEMENT WIDTH FEET	SHOULDER WIDTH FEET	PAVEMENT AREA SQ YD	SHOULDER AREA SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 2" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 5 1/4" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 6" SQ YD	PAVEMENT REMOVAL SQ YD	PAVED SHOULDER REMOVAL SQ YD	
3308+82.00	TO 3309+82.00	100.0	24.0	10.0	266.7	177.8	111.1	0.0	0.0	0.0	266.7	0.0	111.1	
3309+82.00	TO 3319+28.74	946.7	24.0	10.0	2,524.6	1,683.1	1,051.9	0.0	0.0	0.0	2,524.6	0.0	1,051.9	
3319+28.74	= 4199+97.27	STATION EQUATION												
4199+97.27	TO 4201+08.13	110.9	24.0	10.0	295.6	197.1	123.2	0.0	0.0	0.0	295.6	0.0	123.2	
4201+08.13	TO 4207+51.63	643.5	24.0	10.0	1,716.0	1,144.0	0.0	0.0	0.0	0.0	0.0	1,809.9	1,144.0	
4207+51.63	TO 4207+86.83	35.2	24.0	10.0	93.9	62.6	39.1	0.0	0.0	0.0	93.9	0.0	39.1	
4207+86.83	TO 4268+65.75	6,078.9	24.0	10.0	16,210.5	10,807.0	6,754.4	0.0	0.0	0.0	16,210.5	0.0	6,754.4	
4268+65.75	TO 4270+90.08	224.3	PAVING OMISSION											
4270+90.08	TO 4287+00.00	1,609.9	24.0	10.0	4,293.1	2,862.1	1,788.8	0.0	0.0	4,293.1	0.0	0.0	1,788.8	
4287+00.00	TO 4287+78.00	78.0	24.0	10.0	208.0	138.7	86.7	0.0	0.0	208.0	0.0	0.0	86.7	
4287+78.00	TO 4287+89.90	11.9	24.0	6.0	31.7	21.2	21.2	0.0	31.7	0.0	0.0	0.0	0.0	
4287+89.90	TO 4295+39.62	749.7	24.0	6.0	1,999.3	499.8	499.8	0.0	2,088.2	0.0	0.0	0.0	0.0	
4295+39.62	TO 4297+39.66	200.0	24.0	6.0	533.4	222.3	133.4	0.0	652.6	0.0	0.0	0.0	0.0	
4297+39.66	TO 4298+59.54	119.9	24.0	6.0	319.7	199.0	79.9	0.0	319.7	0.0	0.0	0.0	0.0	
4298+59.54	TO 4306+53.69	794.2	24.0	16.0	2,117.7	1,411.8	1,411.8	0.0	2,117.7	0.0	0.0	0.0	0.0	
4306+53.69	TO 4308+12.04	158.5	PAVING OMISSION											
4308+12.04	TO 4320+36.85	1,224.7	24.0	16.0	3,265.8	2,177.2	2,177.2	0.0	3,265.8	0.0	0.0	0.0	0.0	
4320+36.85	TO 4323+58.71	321.9	24.0	6.0	858.3	553.4	214.6	0.0	1,197.1	0.0	0.0	0.0	0.0	
4323+58.71	TO 4326+60.54	301.8	24.0	6.0	804.9	201.2	536.6	0.0	804.9	0.0	0.0	0.0	0.0	
4326+60.54	TO 4427+44.30	10,083.8	24.0	16.0	26,890.0	17,926.7	17,926.7	0.0	26,890.0	0.0	0.0	0.0	0.0	
4427+44.30	TO 4428+44.30	100.0	24.0	16.0	266.7	177.8	177.8	0.0	266.7	0.0	0.0	0.0	111.1	
4428+44.30	TO 4431+97.40	353.1	24.0	16.0	941.6	627.7	0.0	0.0	0.0	0.0	0.0	941.6	627.7	
4431+97.40	TO 4434+59.25	261.8	24.0	16.0	698.3	465.5	465.5	0.0	698.3	0.0	0.0	0.0	290.9	
4434+59.25	TO 4476+17.92	4,158.7	24.0	16.0	11,089.8	7,393.2	7,393.2	0.0	11,089.8	0.0	0.0	0.0	0.0	
4476+17.92	TO 4478+57.87	240.0	24.0	16.0	639.9	426.6	426.6	0.0	639.9	0.0	0.0	0.0	266.6	
4478+57.87	TO 4484+74.37	616.5	24.0	16.0	1,644.0	1,096.0	0.0	0.0	0.0	0.0	0.0	1,644.0	1,096.0	
4484+74.37	TO 4487+39.88	265.5	24.0	16.0	708.0	472.0	472.0	0.0	708.0	0.0	0.0	0.0	295.0	
4487+39.88	TO 4494+71.52	731.6	24.0	16.0	1,951.0	1,300.7	1,300.7	0.0	1,951.0	0.0	0.0	0.0	0.0	
4494+71.52	TO 4556+95.11	6,223.6	24.0	16.0	16,596.2	11,064.2	11,064.2	0.0	16,596.2	0.0	0.0	0.0	0.0	
4556+95.11	= 4554+45.01	STATION EQUATION												
4554+45.01	TO 4582+79.08	2,834.1	24.0	16.0	7,557.5	5,038.3	5,038.3	0.0	7,557.5	0.0	0.0	0.0	0.0	
4582+79.08	= 4609+69.88	STATION EQUATION												
4609+69.88	TO 4625+58.98	1,589.1	24.0	16.0	4,237.6	2,825.1	2,825.1	0.0	4,237.6	0.0	0.0	0.0	0.0	
SHEET TOTALS		29,789			78,417	50,944	54,256	0	81,113	4,501	19,391	4,396	13,787	

• (25-6-1)RS-8 & (13-1)RS-2
 •• EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\midot\teasleyck\d0181558\d774450-sht-sch.dgn		DRAWN -	REVISED -		57	•	••	84	26			
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 74450							
PLOT DATE = 10/18/2012	DATE -	REVISED -			SCALE: NA	SHEET NO. 3 OF 13 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

REMOVAL SCHEDULE (Cont'd)

STATION TO STATION	LENGTH FEET	PAVEMENT WIDTH FEET	SHOULDER WIDTH FEET	PAVEMENT AREA SQ YD	SHOULDER AREA SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 2" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 5 1/4" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 6" SQ YD	PAVEMENT REMOVAL SQ YD	PAVED SHOULDER REMOVAL SQ YD
Ramp A CH 29												
4287+89.90 TO 4297+39.84	949.9	Variable	8.0	791.6	844.4	844.4	0.0	791.6	0.0	0.0	0.0	0.0
0+00.00 TO 1+17.22	117.2	15.0	8.0	195.4	104.2	104.2	0.0	195.4	0.0	0.0	0.0	0.0
1+17.22 TO 1+40.20	23.0	16.0	12.0	40.9	30.6	20.4	0.0	40.9	0.0	0.0	0.0	0.0
1+40.20 TO 1+65.20	25.0	16.0	12.0	44.4	33.3	22.2	0.0	44.4	0.0	0.0	0.0	0.0
1+65.20 TO 7+75.02	609.8	16.0	12.0	1,084.1	813.1	542.1	1897.2	0.0	0.0	0.0	0.0	0.0
7+75.02 TO 10+07.02	232.0	16.0	12.0	412.4	309.3	206.2	721.8	0.0	0.0	0.0	0.0	0.0
10+07.02 TO 15+95.48	588.5	16.0	12.0	1,046.2	784.6	523.1	1830.8	0.0	0.0	0.0	0.0	0.0
15+95.48 TO 16+30.16	34.7	16.0	12.0	61.7	46.2	30.8	107.9	0.0	0.0	0.0	0.0	0.0
16+30.16 TO 17+32.48	102.3	Variable	12.0	379.5	136.4	91.0	516.0	0.0	0.0	0.0	0.0	0.0
Ramp B CH 29												
0+23.00 TO 1+44.90	121.9	Variable	12.0	477.3	162.5	108.4	639.8	0.0	0.0	0.0	0.0	0.0
1+44.90 TO 5+55.91	411.0	16.0	12.0	730.7	548.0	365.3	1278.7	0.0	0.0	0.0	0.0	0.0
5+55.91 TO 10+27.10	471.2	16.0	12.0	837.7	628.3	418.8	1465.9	0.0	0.0	0.0	0.0	0.0
10+27.10 TO 10+52.10	25.0	16.0	12.0	44.4	33.3	22.2	0.0	44.4	0.0	0.0	0.0	0.0
10+52.10 TO 10+91.15	39.1	16.0	12.0	69.4	52.1	34.7	0.0	69.4	0.0	0.0	0.0	0.0
10+91.15 TO 11+84.73	93.6	16.0	8.0	166.4	83.2	83.2	0.0	166.4	0.0	0.0	0.0	0.0
4321+31.36 TO 4326+60.54	529.2	Variable	8.0	499.8	470.4	470.4	0.0	499.8	0.0	0.0	0.0	0.0
MEDIAN CROSS-OVERS												
4220+00.00	0.0	Variable	NA	96.4	0.0	96.4	0.0	NA	NA	0.0	0.0	0.0
4361+18.00	0.0	Variable	NA	96.4	0.0	96.4	0.0	NA	NA	0.0	0.0	0.0
4570+92.00	0.0	Variable	NA	88.4	0.0	88.4	0.0	NA	NA	0.0	0.0	0.0
SHEET TOTALS												
	4,373			7,075	5,080	4,169	8,458	1,852	0	0	0	0
PROJECT TOTALS												
	34,163			85,492	56,024	58,425	8,458	82,965	4,501	19,391	4,396	13,787

• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM, CLAY

FILE NAME = c:\pw\work\p\dot\teasleyck\d0181558\d774450-sht-sch.dgn	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -		SCALE: NA	SHEET NO. 4 OF 13 SHEETS	STA.	TO STA.	•	••	84	27
PLOT DATE = 10/18/2012	DATE -	REVISED -								CONTRACT NO. 74450		
											ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE 1

STATION TO	STATION	LENGTH FOOT	SHORT-TERM PAVEMENT MARKING FOOT	TEMPORARY PAVEMENT MARKING-LINE 4" (YELLOW) FOOT	TEMPORARY PAVEMENT MARKING-LINE 4" (WHITE) FOOT	TEMPORARY PAVEMENT MARKING-LINE 4" (WHITE, DASHED) FOOT	TEMPORARY PAVEMENT MARKING-LINE 8" FOOT	TEMPORARY PAVEMENT MARKING-LINE 12" FOOT	TEMPORARY PAVEMENT MARKING-LINE 24" FOOT	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT	PREFORMED PLASTIC PAVEMENT MARKING, TYPEB-INLAID-6" FOOT	MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (YELLOW) FOOT	MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (WHITE) FOOT	MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (WHITE, DASHED) FOOT	MODIFIED URETHANE PAVEMENT MARKING-LINE 6" FOOT	MODIFIED URETHANE PAVEMENT MARKING-LINE 8" FOOT	MODIFIED URETHANE PAVEMENT MARKING-LINE 12" FOOT	MODIFIED URETHANE PAVEMENT MARKING-LINE 24" FOOT	RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL) EACH	RAISED REFLECTIVE PAVEMENT MARKER (AMBER) EACH	RAISED REFLECTIVE PAVEMENT MARKER, (BRIDGE) EACH
FAI 57																					
3308+82.00	TO 3309+82.00	100.0	44.0	100.0	100.0	0.0	0.0	0.0	0.0	70.3	25.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	3	0	0
3309+82.00	TO 3319+28.74	946.7	416.6	946.7	946.7	0.0	0.0	0.0	0.0	665.8	236.7	946.7	946.7	0.0	0.0	0.0	0.0	0.0	24	0	0
3319+28.74	= 4199+97.27	STA. E.O.																			
4199+97.27	TO 4201+08.13	110.9	48.8	110.9	110.9	0.0	0.0	0.0	0.0	78.0	27.7	110.9	110.9	0.0	0.0	0.0	0.0	0.0	3	0	0
4201+08.13	TO 4207+51.63	643.5	283.1	643.5	643.5	0.0	0.0	0.0	0.0	452.5	160.9	643.5	643.5	0.0	0.0	0.0	0.0	0.0	16	0	0
4207+51.63	TO 4207+86.83	35.2	15.5	35.2	35.2	0.0	0.0	0.0	0.0	24.8	8.8	35.2	35.2	0.0	0.0	0.0	0.0	0.0	1	0	0
4207+86.83	TO 4268+65.75	6,078.9	2,674.7	6,078.9	6,078.9	0.0	0.0	0.0	0.0	4,275.1	1,519.7	6,078.9	6,078.9	0.0	0.0	0.0	0.0	0.0	152	0	0
4268+65.75	TO 4270+90.08	224.3	98.7	224.3	224.3	0.0	0.0	0.0	0.0	157.8	0.0	224.3	224.3	0.0	56.1	0.0	0.0	0.0	0	0	6
4270+90.08	TO 4287+00.00	1,609.9	708.4	1,609.9	1,609.9	0.0	0.0	0.0	0.0	1,132.2	402.5	1,609.9	1,609.9	0.0	0.0	0.0	0.0	0.0	40	0	0
4287+00.00	TO 4287+78.00	78.0	34.3	78.0	78.0	0.0	0.0	0.0	0.0	54.9	19.5	78.0	78.0	0.0	0.0	0.0	0.0	0.0	2	0	0
4287+78.00	TO 4287+89.90	11.9	5.2	11.9	11.9	0.0	0.0	0.0	0.0	8.4	3.0	11.9	11.9	0.0	0.0	0.0	0.0	0.0	0	0	0
4287+89.90	TO 4295+39.62	749.7	329.9	749.7	0.0	233.3	49.8	0.0	0.0	388.3	187.4	749.7	0.0	233.3	0.0	49.8	0.0	0.0	19	0	0
4295+39.62	TO 4297+39.66	200.0	88.0	200.0	0.0	0.0	199.9	0.0	0.0	207.3	50.0	200.0	0.0	0.0	0.0	199.9	0.0	0.0	5	0	0
4297+39.66	TO 4298+59.54	119.9	48.0	119.9	0.0	0.0	119.9	0.0	0.0	123.9	0.0	119.9	0.0	0.0	0.0	119.9	0.0	0.0	3	0	0
4298+59.54	TO 4306+53.69	794.2	349.4	794.2	794.2	0.0	0.0	0.0	0.0	558.5	198.5	794.2	794.2	0.0	0.0	0.0	0.0	0.0	20	0	0
4306+53.69	TO 4308+12.04	158.5	69.7	158.5	158.5	0.0	0.0	0.0	0.0	111.5	39.6	158.5	158.5	0.0	39.6	0.0	0.0	0.0	0	0	4
4308+12.04	TO 4320+36.85	1,224.7	538.9	1,224.7	1,224.7	0.0	0.0	0.0	0.0	861.3	306.2	1,224.7	1,224.7	0.0	0.0	0.0	0.0	0.0	31	0	0
4320+36.85	TO 4323+58.71	321.9	141.6	321.9	0.0	0.0	321.9	0.0	0.0	333.7	80.5	321.9	0.0	0.0	0.0	321.9	0.0	0.0	8	0	0
4323+58.71	TO 4326+60.54	301.8	132.8	301.8	0.0	100.6	0.0	0.0	0.0	145.2	75.5	301.8	0.0	100.6	0.0	0.0	0.0	0.0	8	0	0
4326+60.54	TO 4427+44.30	10,083.8	4,436.9	10,083.8	10,083.8	0.0	0.0	0.0	0.0	7,091.5	2,520.9	10,083.8	10,083.8	0.0	0.0	0.0	0.0	0.0	252	0	0
4427+44.30	TO 4428+44.30	100.0	44.0	100.0	100.0	0.0	0.0	0.0	0.0	70.3	25.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	3	0	0
4428+44.30	TO 4431+97.40	353.1	141.2	353.1	353.1	0.0	0.0	0.0	0.0	247.1	88.3	353.1	353.1	0.0	0.0	0.0	0.0	0.0	9	0	0
4431+97.40	TO 4434+59.25	261.8	115.2	261.8	261.8	0.0	0.0	0.0	0.0	184.1	65.5	261.8	261.8	0.0	0.0	0.0	0.0	0.0	7	0	0
4434+59.25	TO 4476+17.92	4,158.7	1,829.8	4,158.7	4,158.7	0.0	0.0	0.0	0.0	2,924.6	1,039.7	4,158.7	4,158.7	0.0	0.0	0.0	0.0	0.0	104	0	0
4476+17.92	TO 4478+57.87	240.0	105.6	240.0	240.0	0.0	0.0	0.0	0.0	168.7	60.0	240.0	240.0	0.0	0.0	0.0	0.0	0.0	6	0	0
4478+57.87	TO 4484+74.37	616.5	271.3	616.5	616.5	0.0	0.0	0.0	0.0	433.6	154.1	616.5	616.5	0.0	0.0	0.0	0.0	0.0	15	0	0
4484+74.37	TO 4487+39.88	265.5	116.8	265.5	265.5	0.0	0.0	0.0	0.0	186.7	66.4	265.5	265.5	0.0	0.0	0.0	0.0	0.0	7	0	0
4487+39.88	TO 4494+71.52	731.6	321.9	731.6	731.6	0.0	0.0	0.0	0.0	514.5	182.9	731.6	731.6	0.0	0.0	0.0	0.0	0.0	18	0	0
4494+71.52	TO 4556+95.11	6,223.6	2,738.4	6,223.6	6,223.6	0.0	0.0	0.0	0.0	4,376.8	1,555.9	6,223.6	6,223.6	0.0	0.0	0.0	0.0	0.0	156	0	0
4556+95.11	= 4554+45.01	STA. E.O.																			
4554+45.01	TO 4582+79.08	2,834.1	1,247.0	2,834.1	2,834.1	0.0	0.0	0.0	0.0	1,993.1	708.5	2,834.1	2,834.1	0.0	0.0	0.0	0.0	0.0	71	0	0
4582+79.08	= 4609+69.88	STA. E.O.																			
4609+69.88	TO 4625+58.98	1,589.1	699.2	1,589.1	1,589.1	0.0	0.0	0.0	0.0	1,117.6	397.3	1,589.1	1,589.1	0.0	0.0	0.0	0.0	0.0	40	0	0
SHEET TOTALS		41,168	18,095	41,168	39,474	334	691	0	0	28,958	10,206	41,168	39,474	334	96	691	0	0	1,020	0	10

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY

FILE NAME - c:\pw\work\p\dot\teasleyck\d0181558\d774450-sht-sch.dgn	USER NAME - teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE. 57	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE - 100.0000' / 1" =	CHECKED -	REVISED -		SCALE: NA	SHEET NO. 5 OF 13 SHEETS	STA. TO STA.	•	•	84	28	
PLOT DATE - 10/18/2012	DATE -	REVISED -								CONTRACT NO. 74450		
											ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE 2

STATION TO	STATION	LENGTH FOOT	SHORT - TERM PAVEMENT MARKING FOOT	TEMPORARY PAVEMENT MARKING-LINE 4" (YELLOW) FOOT	TEMPORARY PAVEMENT MARKING-LINE 4" (WHITE) FOOT	TEMPORARY PAVEMENT MARKING-LINE 4" (WHITE, DASHED) FOOT	TEMPORARY PAVEMENT MARKING-LINE 8" FOOT	TEMPORARY PAVEMENT MARKING-LINE 12" FOOT	TEMPORARY PAVEMENT MARKING-LINE 24" FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH
Ramp A CH 29																							
4287+89.90	TO	4297+39.84	949.9	28.5	0.0	949.9	0.0	250.4	0.0	0.0	485.9	0.0	0.0	949.9	0.0	0.0	250.4	0.0	0.0	0.0	0.0	0.0	0.0
0+00.00	TO	1+17.22	117.2	3.5	0.0	117.2	0.0	120.0	0.0	0.0	119.4	0.0	0.0	117.2	0.0	0.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0
1+17.22	TO	1+40.20	23.0	0.7	23.0	23.0	0.0	0.0	0.0	0.0	15.4	0.0	23.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1+40.20	TO	1+65.20	25.0	0.8	25.0	25.0	0.0	0.0	0.0	0.0	16.7	0.0	25.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1+65.20	TO	7+75.02	609.8	18.3	609.8	609.8	0.0	0.0	0.0	0.0	408.0	0.0	609.8	609.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7+75.02	TO	10+07.02	232.0	7.0	232.0	232.0	0.0	0.0	0.0	0.0	155.2	0.0	232.0	232.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10+07.02	TO	15+95.48	588.5	17.7	588.5	588.5	0.0	0.0	0.0	0.0	393.7	0.0	588.5	588.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15+95.48	TO	16+30.16	34.7	1.0	34.7	34.7	0.0	0.0	0.0	0.0	23.2	0.0	34.7	34.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16+30.16	TO	17+32.48	102.3	3.1	105.6	143.5	0.0	0.0	0.0	0.0	83.3	0.0	105.6	143.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ramp B CH 29																							
0+23.00	TO	1+44.90	121.9	3.7	124.4	172.4	0.0	151.2	67.5	33.0	333.5	0.0	124.4	172.4	0.0	0.0	151.2	67.5	33.0	0.0	0.0	0.0	0.0
1+44.90	TO	5+55.91	411.0	12.3	411.0	411.0	0.0	0.0	0.0	0.0	275.0	0.0	411.0	411.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
5+55.91	TO	10+27.10	471.2	14.1	471.2	471.2	0.0	0.0	0.0	0.0	315.3	0.0	471.2	471.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0
10+27.10	TO	10+52.10	25.0	0.8	25.0	25.0	0.0	0.0	0.0	0.0	16.7	0.0	25.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
10+52.10	TO	10+91.15	39.1	1.2	39.1	39.1	0.0	0.0	0.0	0.0	26.1	0.0	39.1	39.1	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0
10+91.15	TO	11+84.73	93.6	2.8	0.0	93.6	0.0	93.6	0.0	0.0	93.8	0.0	0.0	93.6	0.0	0.0	93.6	0.0	0.0	6.7	1.0	0.0	0.0
4321+31.36	TO	4326+60.54	529.2	15.9	0.0	529.2	0.0	228.4	0.0	0.0	330.0	0.0	0.0	529.2	0.0	0.0	228.4	0.0	0.0	33.5	0.0	0.0	0.0
SHEET TOTALS			4,373	131	2,689	4,465	0	844	68	33	3,091	0	2,689	4,465	0	0	844	68	33	42	16	0	0
PROJECT TOTALS			45,541	18,226	43,857	43,939	334	1,535	68	33	32,049	10,206	43,857	43,939	334	96	1,535	68	33	1,062	16	10	0

• (25-6-1)RS-8 & (13-1)RS-2
 • EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\teasleyck\d0181558\d774450-sht-sch.dgn		DRAWN -	REVISED -		57	•	••	84	29				
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		SCALE: NA SHEET NO. 6 OF 13 SHEETS STA. TO STA.				CONTRACT NO. 74450				
PLOT DATE = 10/18/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

PAVEMENT MARKING GROOVING SCHEDULE 1

STATION TO STATION		LENGTH FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 5" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 7" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 9" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 13" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 25" FOOT
FAI 57							
3308+82.00	TO 3309+82.00	100.0	200.0	0.0	0.0	0.0	0.0
3309+82.00	TO 3319+28.74	946.7	1,893.5	0.0	0.0	0.0	0.0
3319+28.74	= 4199+97.27	STA. EQ.					
4199+97.27	TO 4201+08.13	110.9	221.7	0.0	0.0	0.0	0.0
4201+08.13	TO 4207+51.63	643.5	1,287.0	0.0	0.0	0.0	0.0
4207+51.63	TO 4207+86.83	35.2	70.4	0.0	0.0	0.0	0.0
4207+86.83	TO 4268+65.75	6,078.9	12,157.8	0.0	0.0	0.0	0.0
4268+65.75	TO 4270+90.08	224.3	448.7	56.1	0.0	0.0	0.0
4270+90.08	TO 4287+00.00	1,609.9	3,219.8	0.0	0.0	0.0	0.0
4287+00.00	TO 4287+78.00	78.0	156.0	0.0	0.0	0.0	0.0
4287+78.00	TO 4287+89.90	11.9	23.8	0.0	0.0	0.0	0.0
4287+89.90	TO 4295+39.62	749.7	749.7	0.0	49.8	0.0	0.0
4295+39.62	TO 4297+39.66	200.0	200.0	0.0	199.9	0.0	0.0
4297+39.66	TO 4298+59.54	119.9	119.9	0.0	119.9	0.0	0.0
4298+59.54	TO 4306+53.69	794.2	1,588.3	0.0	0.0	0.0	0.0
4306+53.69	TO 4308+12.04	158.5	317.0	0.0	0.0	0.0	0.0
4308+12.19	TO 4320+36.85	1,224.7	2,449.3	39.6	0.0	0.0	0.0
4320+36.85	TO 4323+58.71	321.9	321.9	0.0	321.9	0.0	0.0
4323+58.71	TO 4326+60.54	301.8	301.8	0.0	0.0	0.0	0.0
4326+60.54	TO 4427+44.30	10,083.8	20,167.5	0.0	0.0	0.0	0.0
4427+44.30	TO 4428+44.30	100.0	200.0	0.0	0.0	0.0	0.0
4428+44.30	TO 4431+97.40	353.1	706.2	0.0	0.0	0.0	0.0
4431+97.40	TO 4434+59.25	261.8	523.7	0.0	0.0	0.0	0.0
4434+59.25	TO 4476+17.92	4,158.7	8,317.3	0.0	0.0	0.0	0.0
4476+17.92	TO 4478+57.87	240.0	479.9	0.0	0.0	0.0	0.0
4478+57.87	TO 4484+74.37	616.5	1,233.0	0.0	0.0	0.0	0.0
4484+74.37	TO 4487+39.88	265.5	531.0	0.0	0.0	0.0	0.0
4487+39.88	TO 4494+71.52	731.6	1,463.3	0.0	0.0	0.0	0.0
4494+71.52	TO 4556+95.11	6,223.6	12,447.2	0.0	0.0	0.0	0.0
4556+95.11	= 4554+45.01	STA. EQ.					
4554+45.01	TO 4582+79.08	2,834.1	5,668.1	0.0	0.0	0.0	0.0
4582+79.08	= 4609+69.88	STA. EQ.					
4609+69.88	TO 4625+58.98	1,589.1	3,178.2	0.0	0.0	0.0	0.0
SHEET TOTALS		41,168	80,643	96	692	0	0

PAVEMENT MARKING GROOVING SCHEDULE 2

STATION TO STATION		LENGTH FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 5" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 7" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 9" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 13" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 25" FOOT
Ramp A CH 29							
4287+89.90	TO 4297+39.84	949.9	949.9	0.0	250.4	0.0	0.0
0+00.00	TO 1+17.22	117.2	117.2	0.0	120.0	0.0	0.0
1+17.22	TO 1+40.20	23.0	46.0	0.0	0.0	0.0	0.0
1+40.20	TO 1+65.20	25.0	50.0	0.0	0.0	0.0	0.0
1+65.20	TO 7+75.02	609.8	1,219.6	0.0	0.0	0.0	0.0
7+75.02	TO 10+07.02	232.0	464.0	0.0	0.0	0.0	0.0
10+07.02	TO 15+95.48	588.5	1,176.9	0.0	0.0	0.0	0.0
15+95.48	TO 16+30.16	34.7	69.4	0.0	0.0	0.0	0.0
16+30.16	TO 17+32.48	102.3	204.6	0.0	0.0	0.0	0.0
Ramp B CH 29							
0+23.00	TO 1+44.90	121.9	243.8	0.0	151.2	67.5	33.0
1+44.90	TO 5+55.91	411.0	822.0	0.0	0.0	0.0	0.0
5+55.91	TO 10+27.10	471.2	942.4	0.0	0.0	0.0	0.0
10+27.10	TO 10+52.10	25.0	50.0	0.0	0.0	0.0	0.0
10+52.10	TO 10+91.15	39.1	78.1	0.0	0.0	0.0	0.0
10+91.15	TO 11+84.73	93.6	187.2	0.0	93.6	0.0	0.0
4321+31.36	TO 4326+60.54	529.2	529.2	0.0	228.4	0.0	0.0
SHEET TOTALS		4,373.3	7,154.2	0.0	843.6	67.5	33.0
PROJECT TOTALS		45,541.1	87,797.2	95.7	1,535.1	67.5	33.0

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
ci:\pw\work\p\dot\teasleyck\d0181558\d774450-sht-sch.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA SHEET NO. 7 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	**	84	30
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				

UNDERDRAIN SCHEDULE

STATIONS ARE ALONG CENTERLINE UNLESS NOTED OTHERWISE DRAIN SLOPE IS 0.2% MINUS PAVEMENT SLOPE OR PGL				PIPE UNDERDRAINS, 6"				PIPE UNDERDRAINS, 6" (SPECIAL)				HMA SHOULDER REMOVAL AND REPLACEMENT (FOR UNDERDRAIN TRENCH)				HMA SHOULDER REMOVAL AND REPLACEMENT, (FOR UNDERDRAIN (SPCL) TRENCH)					
				NORTHBOUND		SOUTHBOUND		NORTHBOUND		SOUTHBOUND		NORTHBOUND		SOUTHBOUND		NORTHBOUND		SOUTHBOUND			
				FROM STATION	TO STATION	PAVEMENT SLOPE (%)	DRAIN SLOPE (%)	OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	%	INSIDE (FT)	%	OUTSIDE (FT)	%	INSIDE (FT)	%	CLASS SI CONCRETE OUTLET PROTECTOR (CU. YD.)	OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)
Begin Project	3309+82.00	+0.23	PGL			0.0	0.0			17.5	2.0	17.5	2.0	3				0.0	0.0		
3309+82.00	3312+57.09	+0.23	PGL			275.1	275.1			17.5	2.0	17.5	2.0	3				0.0	0.0		
3312+57.09	3317+57.09	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
3317+57.09	3319+28.74	+0.06	0.14			171.6	171.6			0.0	NA	0.0	NA	0				0.0	0.0		
3319+28.74	4199+97.27	Station Equation				0.0	0.0			NA	NA	NA	NA	0				0.0	0.0		
4199+97.27	4201+08.16	+0.06	0.14			110.9	110.9			0.0	NA	0.0	NA	0				0.0	0.0		
4201+08.16	4203+25.67	-0.28	PGL			217.5	217.5			44.0	2.0	44.0	2.0	3				0.0	0.0		
4203+25.67	4208+25.67	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
4208+25.67	4213+25.67	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
4213+25.67	4218+25.67	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
4218+25.67	4223+25.67	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
4223+25.67	4228+25.67	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
4228+25.67	4233+25.67	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
4233+25.67	4238+25.67	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
4238+25.67	4243+25.67	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
4243+25.67	4248+25.67	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
4248+25.67	4253+25.67	+0.06	0.14			500.0	500.0			22.0	2.0	22.0	2.0	3				0.0	0.0		
4253+25.67	4258+25.67	+2.5	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3				0.0	0.0		
4258+25.67	4263+25.67	+2.5	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3				0.0	0.0		
4263+25.67	4268+25.67	+2.5	PGL			500.0	500.0			0.0	NA	0.0	NA	0				0.0	0.0		
4268+25.67	4271+30.08	U. D. OMISSION				0.0	0.0			NA	NA	NA	NA	0				0.0	0.0		
4271+30.08	4276+30.08	-2.5	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3				0.0	0.0		
4276+30.08	4281+30.08	-2.5	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3				0.0	0.0		
4281+30.08	4287+50.00	-2.5	PGL			619.9	619.9			17.5	2.0	35.0	2.0	3				0.0	0.0		
4287+50.00	4291+30.08	+0.65	PGL			0.0	380.1			0.0	NA	17.5	2.0	1.5				0.0	380.1		
4291+30.08	4296+30.08	+0.65	PGL			0.0	500.0			0.0	NA	17.5	2.0	1.5				0.0	500.0		
4296+30.08	4299+50.00	+0.65	PGL			0.0	319.9			17.5	2.0	17.5	2.0	3				0.0	319.9		
4299+50.00	4302+00.00	+0.65	PGL			250.0	250.0			0.0	NA	0.0	NA	0				250.0	250.0		
4302+00.00	4306+02.57	-0.18	-0.02			402.6	402.6			18.0	2.0	18.0	2.0	3				402.6	402.6		
4306+02.57	4308+65.32	U. D. OMISSION				0.0	0.0			NA	NA	NA	NA	0				0.0	0.0		
4308+65.32	4313+65.32	-0.18	-0.02			500.0	500.0			18.0	2.0	18.0	2.0	3				500.0	500.0		
4313+65.32	4318+65.32	-0.18	-0.02			500.0	500.0			18.0	2.0	18.0	2.0	3				500.0	500.0		
4318+65.32	4323+65.32	-0.18	-0.02			0.0	500.0			0.0	NA	18.0	2.0	1.5				0.0	500.0		
4323+65.32	4326+60.54	-0.18	-0.02			0.0	295.2			0.0	0.0	0.0	0.0	0				0.0	295.2		
4326+60.54	4328+65.32	-0.18	-0.02			204.8	204.8			18.0	2.0	18.0	2.0	3				204.8	204.8		
4328+65.32	4333+65.32	-0.18	-0.02			500.0	500.0			18.0	2.0	18.0	2.0	3				500.0	500.0		
4333+65.32	4338+65.32	-0.18	-0.02			500.0	500.0			18.0	2.0	18.0	2.0	3				500.0	500.0		
4338+65.32	4343+65.32	-0.18	-0.02			500.0	500.0			18.0	2.0	18.0	2.0	3				500.0	500.0		
4343+65.32	4348+50.00	-0.18	-0.02			484.7	484.7			36.0	2.0	36.0	2.0	3				484.7	484.7		
4348+50.00	4354+00.00	+0.22	PGL			550.0	550.0			17.5	2.0	17.5	2.0	3				550.0	550.0		
4354+00.00	4359+00.00	+0.22	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3				500.0	500.0		
4359+00.00	4364+00.00	+0.22	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3				500.0	500.0		
4364+00.00	4369+00.00	+0.22	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3				500.0	500.0		
4369+00.00	4374+00.00	+0.22	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3				500.0	500.0		
4374+00.00	4379+00.00	+0.22	PGL			500.0	500.0			0.0	NA	0.0	NS	0				500.0	500.0		
SHEET TOTALS				0.00	0.00	16,287.09	18,282.31	0.00	0.00	675.50	746.00	103.50	0.00	0.00	6,892.03	8,887.25	0.00	0.00	248.00	102.00	

• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM, CLAY

FILE NAME =	USER NAME = teasleyk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\teasleyk\d0181558\d774450-sht-sch.dgn	DRAWN -	REVISED -	57					•	••	84	31	
PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -	CONTRACT NO. 74450									
PLOT DATE = 10/18/2012	DATE -	REVISED -	SCALE: NA		SHEET NO. 8 OF 13 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

UNDERDRAIN SCHEDULE (Cont' d)

TO STATION	PAVEMENT SLOPE (%)	DRAIN SLOPE (%)	PIPE UNDERDRAINS, 6"				PIPE UNDERDRAINS, 6" (SPECIAL)								HMA SHOULDER REMOVAL AND REPLACEMENT, (FOR UNDERDRAIN TRENCH)				HMA SHOULDER REMOVAL AND REPLACEMENT, (FOR UNDERDRAIN (SPCL) TRENCH)								
			NORTHBOUND		SOUTHBOUND		NORTHBOUND				SOUTHBOUND				NORTHBOUND		SOUTHBOUND		NORTHBOUND		SOUTHBOUND						
			OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	%	INSIDE (FT)	%	OUTSIDE (FT)	%	INSIDE (FT)	%	OUTLET PROTECTOR (CU. YD.)	OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	INSIDE (FT)				
4384+00.00	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4389+00.00	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4394+00.00	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4399+00.00	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4404+00.00	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4409+00.00	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4414+00.00	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4419+00.00	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4424+00.00	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4427+44.30	-0.25	PGL			344.3	344.3			0.0	NA	0.0	NA	0			344.3	344.3			0.0	0.0						
4429+00.00	-0.25	PGL			155.7	155.7			35.0	2.0	35.0	2.0	3			0.0	0.0			0.0	0.0						
4433+00.00	+0.16	0.04			400.0	400.0			19.0	2.0	19.0	2.0	3			0.0	0.0			0.0	0.0						
4434+59.25	+0.16	0.04			159.3	159.3			0.0	NA	0.0	NA	0			0.0	0.0			0.0	0.0						
4438+87.99	+0.16	0.04			428.7	428.7			19.0	2.0	19.0	2.0	3			428.7	428.7			10.0	6.0						
4445+00.00	+0.16	0.04			612.0	612.0			19.0	2.0	19.0	2.0	3			612.0	612.0			10.0	6.0						
4450+00.00	+0.16	0.04			500.0	500.0			19.0	2.0	19.0	2.0	3			500.0	500.0			10.0	6.0						
4455+00.00	+0.16	0.04			500.0	500.0			19.0	2.0	19.0	2.0	3			500.0	500.0			10.0	6.0						
4459+00.00	+0.16	0.04			400.0	400.0			0.0	NA	0.0	NA	0			400.0	400.0			0.0	0.0						
4460+00.00	+0.72	PGL			100.0	100.0			17.5	2.0	17.5	2.0	3			100.0	100.0			10.0	6.0						
4465+00.00	+0.72	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4470+00.00	+0.72	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4475+00.00	+0.72	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4476+17.92	+0.72	PGL			117.9	117.9			0.0	NA	0.0	NA	0			117.9	117.9			0.0	0.0						
4480+00.00	+0.72	PGL			382.1	382.1			17.5	2.0	17.5	2.0	3			0.0	0.0			0.0	0.0						
4485+00.00	+0.72	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			0.0	0.0			0.0	0.0						
4487+39.88	+0.72	PGL			239.9	239.9			0.0	NA	0.0	NA	3			0.0	0.0			0.0	0.0						
4490+00.00	+0.72	PGL			260.1	260.1			17.5	2.0	17.5	2.0	3			260.1	260.1			10.0	6.0						
4495+12.57	+0.72	PGL			512.6	512.6			17.5	2.0	17.5	2.0	3			512.6	512.6			10.0	6.0						
4500+00.00	+0.72	PGL			487.4	487.4			17.5	2.0	17.5	2.0	3			487.4	487.4			10.0	6.0						
4505+00.00	+0.72	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4510+00.00	+0.72	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4515+00.00	+0.72	PGL			500.0	500.0			0.0	NA	0.0	NA	0			500.0	500.0			0.0	0.0						
4520+00.00	-1.17	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4525+00.00	-1.17	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4530+00.00	-1.17	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4535+00.00	-1.17	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4540+00.00	-1.17	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4545+00.00	-1.17	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4550+00.00	-1.17	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4555+00.00	-1.17	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3			500.0	500.0			10.0	6.0						
4556+92.75	-0.25	PGL			192.8	192.8			0.0	NA	0.0	NA	0			192.8	192.8			0.0	0.0						
4554+44.59	Station Equation				0.0	0.0			0.0	NA	0.0	NA	0			0.0	0.0			0.0	0.0						
SHEET TOTALS			0.00	0.00	17,792.75	17,792.75			0.00	0.00			620.00			620.00			105.00	0.00	0.00	15,955.84	15,955.84	0.00	0.00	300.00	180.00

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY

UNDERDRAIN SCHEDULE (Cont'd)

STATIONS ARE ALONG CENTERLINE UNLESS NOTED OTHERWISE DRAIN SLOPE IS 0.2% MINUS PAVEMENT SLOPE OR PGL				PIPE UNDERDRAINS, 6"				PIPE UNDERDRAINS, 6" (SPECIAL)								HMA SHOULDER REMOVAL AND REPLACEMENT (FOR UNDERDRAIN TRENCH)				HMA SHOULDER REMOVAL AND REPLACEMENT (FOR UNDERDRAIN (SPCL) TRENCH)						
FROM STATION	TO STATION	PAVEMENT SLOPE (%)	DRAIN SLOPE (%)	NORTHBOUND		SOUTHBOUND		NORTHBOUND				SOUTHBOUND				CLASS SI CONCRETE OUTLET PROTECTOR (CU. YD.)	NORTHBOUND		SOUTHBOUND		NORTHBOUND		SOUTHBOUND			
				OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	%	INSIDE (FT)	%	OUTSIDE (FT)	%	INSIDE (FT)	%		OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	INSIDE (FT)	OUTSIDE (FT)	INSIDE (FT)		
4554+44.59	4557+51.82	-0.25	PGL			307.2	307.2			17.5	2.0	17.5	2.0	3					307.2	307.2					10.0	6.0
4557+51.82	4562+51.82	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3					500.0	500.0					10.0	6.0
4562+51.82	4567+51.82	-0.25	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3					500.0	500.0					10.0	6.0
4567+51.82	4572+51.82	-3.00	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3					500.0	500.0					10.0	6.0
4572+51.82	4577+51.82	-3.00	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3					500.0	500.0					10.0	6.0
4577+51.82	4582+51.82	-3.00	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3					500.0	500.0					10.0	6.0
4582+51.82	4582+77.63	-3.00	PGL			25.8	25.8			17.5	2.0	17.5	2.0	3					25.8	25.8					10.0	6.0
4582+77.63	4609+69.68	Station Equation				0.0	0.0			0.0	NA	0.0	NA	0					0.0	0.0					0.0	0.0
4609+69.68	4614+43.88	-3.00	PGL			474.2	474.2			17.5	2.0	17.5	2.0	3					474.2	474.2					10.0	6.0
4614+43.88	4619+43.88	-3.00	PGL			500.0	500.0			17.5	2.0	17.5	2.0	3					500.0	500.0					10.0	6.0
4619+43.88	4625+18.62	-3.00	PGL			574.7	574.7			17.5	2.0	17.5	2.0	3					574.7	574.7					10.0	6.0
			SHEET 3 TOTALS			4,382.0	4,381.98			175.00		175.00		30.0					4,382.0	4,382.0					100.0	60.0
			SHEET 1 TOTALS			16,287.1	18,282.3			675.5		746.0		103.5					6,892.0	8,887.3					248.0	102.0
			SHEET 2 TOTALS			17,792.8	17,792.8			620.0		620.0		105.0					15,955.8	15,955.8					300.0	180.0
			PROJECT TOTALS			38,461.8	40,457.0			1,470.5		1,541.0		238.5					27,229.9	29,225.1					648.0	342.0

PATCHING SCHEDULE

LOCATION	CLASS A PATCHES, TYPE I, 11"	CLASS A PATCHES, TYPE II, 11"	CLASS A PATCHES, TYPE III, 11"	CLASS A PATCHES, TYPE IV, 11"	CLASS A PATCHES, TYPE I, 13"	CLASS A PATCHES, TYPE II, 13"	CLASS A PATCHES, TYPE I, 14"	CLASS A PATCHES, TYPE II, 14"	CLASS B PATCHES, TYPE II, 10"	PATCHING REINFORCEMENT	SAW CUTS	TIE BARS, 5/8"	DOWEL BARS, 1 1/2"	PARTIAL DEPTH REMOVAL (VARIABLE DEPTH)	PARTIAL DEPTH PATCHING
	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	FOOT	EACH	EACH	FOOT	TON
I-57															
SB	24.0	378.7	36.0	66.7	4.0	40.0	24.0	216.0	0.0	789.3	5,164.0	97.0	0.0	1,088.0	152.0
RAMPS A & B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	206.0	0.0	1,624.0	0.0	812.0	0.0	0.0
PROJECT TOTALS	24	379	36	67	4	40	24	216	206	789	6,788	97	812	1,088	152

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY

EARTHWORK SCHEDULE

Location	Earth Excavation		Earthwork Balance	
	Earth Excavation	Adj. for Shrinkage	Embankment	Waste (+)/Shortage (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
4204+51.39 TO 4207+41.80 (SB O/S SHLD, SN 013-0027)			2.9	-2.9
4265+30.10 TO 4268+56.74 (SB O/S SHLD SN 025-0068)			0.0	0.0
4271+00.08 TO 4278+02.23 (SB O/S SHLD SN 025-0068)			0.0	0.0
4271+00.08 TO 4278+02.23 (SB MED SHLD SN 025-0068)			3.4	-3.4
4308+08.65 TO 4311+44.49 (SB MED SHLD SN 025-0070)			3.4	-3.4
4308+32.14 TO 4311+15.97 (SB O/S SHLD SN 025-0070)			2.8	-2.8
4430+22.51 TO 4433+12.16 (SB O/S SHLD SN 025-0043)			2.9	-2.9
4481+96.51 TO 4484+86.16 (SB O/S SHLD SN 025-0073)			2.9	-2.9
PROJECT TOTAL	9.0	6.8	18.3	-18

TRIAxIAL GEOGRID REINFORCEMENT, TYPE 1 SCHEDULE

LOCATION	LENGTH (FT.)	@ WIDTH (FT.)	QTY (SQ YD)	
4201+08.13 TO 4207+86.83	678.7	24.0	1,809.9	CLAY CO.
4428+44.30 TO 4431+97.40	353.1	24.0	941.6	EFF. CO.
4478+57.87 TO 4484+74.37	616.5	24.0	1,644.0	EFF. CO.
PROJECT TOTAL = 4,395.5				

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL SCHEDULE

LOCATION	LENGTH (FT.)	@ WIDTH (FT.)	AVG. DEPTH (FT.)	QTY (CU YD)	
4201+08.13 TO 4207+86.83	678.7	24.0	2.188	1,319.7	CLAY CO.
4428+44.30 TO 4431+97.40	353.1	24.0	1.9	601.6	EFFINGHAM CO.
4478+57.87 TO 4484+74.37	616.5	24.0	2.625	1,438.5	EFFINGHAM CO.
TOTAL = 3,360 CU YD					

PAVEMENT MARKING REMOVAL SCHEDULE

LOCATION	LENGTH	O/S	MEDIAN	DASHED	TOTAL SQ. FT.
		EDGE LINE FOOT	EDGE LINE FOOT	EDGE LINE FOOT	
FAI 57					
4201+08.10 TO 4209+58.60	850.5	850.5	850.5	36.7	585.3
4267+00.80 TO 4270+64.10	363.3	363.3	363.3	72.3	278.3
4289+40.20 TO 4292+47.40	307.2	0.0	0.0	76.8	38.4
4304+69.10 TO 4310+00.20	531.1	531.1	531.1	75.1	391.6
4326+05.60 TO 4329+10.00	304.4	0.0	0.0	76.1	38.1
4428+44.30 TO 4433+62.40	518.1	518.1	518.1	35.0	362.9
4477+17.90 TO 4486+39.40	921.5	921.5	921.5	70.0	649.3
PROJECT TOTAL =					2,343.8
CLAY CO.					585.3
EFFINGHAM CO.					1,758.5

TEMPORARY CONCRETE BARRIER SCHEDULE

LOCATION	LENGTH	
SN 013-0027	FT.	
4201+08.13 TO 4208+11.83	704	
4208+11.83 TO 4209+80.30	168	12:1 TAPER
SN 025-0068		
4268+40.75 TO 4271+15.08	274	
4271+15.08 TO 4272+95.08	180	12:1 TAPER
SN 025-0070		
4306+18.15 TO 4308+49.74	232	
4308+49.74 TO 4310+29.74	180	12:1 TAPER
SN 025-0043		
4428+44.30 TO 4432+22.39	378	
4432+22.39 TO 4433+90.39	168	12:1 TAPER
SN 025-0073		
4478+57.87 TO 4484+99.37	642	
4484+99.37 TO 4486+67.37	168	12:1 TAPER
TOTAL = 3,094		

RELOCATE TEMPORARY CONCRETE BARRIER SCHEDULE

LOCATION	LENGTH	
SN 013-0027	FT.	
4201+08.13 TO 4208+11.83	704	
4208+11.83 TO 4209+80.30	168	12:1 TAPER
SN 025-0068		
4268+40.75 TO 4271+15.08	274	
4271+15.08 TO 4272+95.08	180	12:1 TAPER
SN 025-0070		
4306+18.15 TO 4308+49.74	232	
4308+49.74 TO 4310+29.74	180	12:1 TAPER
SN 025-0043		
4428+44.30 TO 4432+22.39	378	
4432+22.39 TO 4433+90.39	168	12:1 TAPER
SN 025-0073		
4478+57.87 TO 4484+99.37	642	
4484+99.37 TO 4486+67.37	168	12:1 TAPER
TOTAL = 3,094		

• (25-6-1)RS-8 & (13-1)RS-2
 ** EFFINGHAM, CLAY

TEMPORARY RAMP

LOCATION			LENGTH FEET	WIDTH FEET	AREA SQ YD	
FAI 57						
3308+82.00	TO	3308+92.00	10.0	22.0	24.4	DL STAGE 1 CLAY CO.
4268+55.75	TO	4268+65.75	10.0	22.0	24.4	DL STAGE 1
4270+90.08	TO	4271+00.08	10.0	22.0	24.4	DL STAGE 1
4306+43.69	TO	4306+53.69	10.0	40.0	44.4	
4308+12.19	TO	4308+22.19	10.0	40.0	44.4	
4624+98.80	TO	4625+59.00	60.2	40.0	267.6	
3308+82.00	TO	3308+92.00	10.0	18.0	20.0	PL STAGE 2 CLAY CO.
4268+55.75	TO	4268+65.75	10.0	18.0	20.0	PL STAGE 2
4270+90.08	TO	4271+00.08	10.0	18.0	20.0	PL STAGE 2
RAMP A						
17+24.48	TO	17+32.48	8.0	109.0	96.9	
RAMP B						
0+23.00	TO	0+31.00	8.0	125.0	111.1	
TOTAL =					697.8	

STEEL PLATE BEAM GUARDRAIL,
TYPE A, 6 FT. POSTS SCHEDULE

STATION TO	STATION	SIDE	LENGTH (FT)
4204+94.65	TO 4206+57.58	SB O/S SHLD	162.5
4266+37.60	TO 4268+12.60	SB O/S SHLD	175.0
4271+43.22	TO 4275+93.22	SB O/S SHLD	450.0
4271+43.22	TO 4273+55.72	SB MED. SHLD	212.5
4308+46.32	TO 4310+58.82	SB MED. SHLD	212.5
4308+69.47	TO 4310+52.74	SB O/S SHLD	162.5
4430+65.66	TO 4432+28.16	SB O/S SHLD	162.5
4482+39.65	TO 4484+02.16	SB O/S SHLD	162.5
TOTAL =			1,700.0

SEEDING, CLASS 2 (SPECIAL)

LOCATION				AREA SQ. FT.	AREA ACRE	
4204+51.39	TO	4207+41.80	RT O/S SHLD	860.78	0.02	CLAY CO.
4265+30.10	TO	4268+56.74	RT O/S SHLD	968.16	0	
4271+00.08	TO	4278+02.23	RT O/S SHLD	2,081.17	0	
4271+00.08	TO	4274+39.73	LT MED	1,006.72	0.02	
4308+08.65	TO	4311+44.49	LT MED	995.43	0.02	
4308+32.14	TO	4311+15.97	RT O/S SHLD	841.27	0.02	
4430+22.51	TO	4433+12.16	RT O/S SHLD	858.52	0.02	
4481+96.51	TO	4484+86.16	RT O/S SHLD	858.52	0.02	
TOTAL =					0.12	

STEEL PLATE BEAM GUARDRAIL
REMOVAL SCHEDULE

LOCATION	STATION TO	STATION	LENGTH
I-57			
RT. O/S SHLDR	4204+48.38	TO 4208+17.22	368.8
RT. O/S SHLDR	4264+52.75	TO 4268+65.75	413.0
RT. O/S SHLDR	4270+87.08	TO 4277+03.08	616.0
LT. MED. SHLDR	4270+87.08	TO 4272+51.11	167.0
LT. MED. SHLDR	4307+97.15	TO 4309+62.65	167.0
RT. O/S SHLDR	4308+21.74	TO 4310+52.74	231.0
RT. O/S SHLDR	4430+19.51	TO 4432+33.51	214.0
RT. O/S SHLDR	4481+93.51	TO 4484+06.51	213.0
OVHD SN 025-0043			
SW & NE Wing Walls			128.0
OVHD SN 025-0073			
SW & NE Wing Walls			128.0
TOTAL =			2,646

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

LOCATION	NUMBER (EA.)	DIAM (UNIT)	QTY (UNIT)
4611+12.10 LT.	2.0	7.7	15.3
4611+84.80 LT.	2.0	7.6	15.2
TOTAL =			30.5

HMA SHOULDER STABILIZATION
UNDER GUARDRAIL (6") SCHEDULE

Station to	Station	Location	QUANTITY (TON)
4204+51.39	4207+13.65	O/S SHLD	29.1
4266+23.10	4268+55.75	O/S SHLD	24.0
4271+00.08	4274+11.73	MED SHLD	34.5
4271+00.08	4276+43.00	O/S SHLD	56.3
4308+08.73	4311+19.71	MED SHLD	34.6
4308+32.22	4310+87.97	O/S SHLD	28.7
4430+22.52	4432+84.16	O/S SHLD	29.0
4481+96.51	4484+58.00	O/S SHLD	27.3
TOTAL =			263.0*

*QUANTITY IS INCLUDED HOT-MIX ASPHALT SHOULDER

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY

GUARDRAIL REFLECTORS, TYPE A SCHEDULE

STATION	TO	STATION	LOCATION	AMBER	CRYSTAL	TOTAL
4204+92.94	TO	4206+57.58	O/S SHLD	0	4	4
4266+25.10	TO	4268+38.22	O/S SHLD	0	4	4
4271+10.72	TO	4273+55.72	MED SHLD	4	0	4
4271+58.22	TO	4275+93.22	O/S SHLD	0	7	7
4308+13.82	TO	4310+58.82	MED SHLD	4	0	4
4308+54.47	TO	4310+94.47	O/S SHLD	0	4	4
4430+63.16	TO	4433+03.16	O/S SHLD	0	4	4
4482+37.15	TO	4484+77.15	O/S SHLD	0	4	4
SN 025-0043				0	8	8
SN 025-0073				0	8	8
					TOTAL =	51

TERMINAL MARKER, DIRECT APPLIED SCHEDULE

STATION	LOCATION	QUANTITY
		EACH
4207+07.71	O/S SHLD	1.0
4274+05.73	MED SHLD	1.0
4276+43.22	O/S SHLD	1.0
4310+81.97	O/S SHLD	1.0
4311+08.82	MED SHLD	1.0
4432+78.16	O/S SHLD	1.0
4484+52.16	O/S SHLD	1.0
025-0043 (NW WW)		1.0
025-0043 (NE WW)		1.0
025-0043 (SW WW)		1.0
025-0043 (SE WW)		1.0
025-0073 (NW WW)		1.0
025-0073 (NE WW)		1.0
025-0073 (SW WW)		1.0
025-0073 (SE WW)		1.0
TOTAL =		15.0

TRAFFIC BARRIER TERMINAL, TYPE 2 SCHEDULE

Station	Location	Each
4266+25.10	O/S SHLD	1.0
TOTAL =		1.0

TRAFFIC BARRIER TERMINAL, T1 SPECIAL (TANGENT) SCHEDULE

Station	Location	Each
4207+07.71	O/S SHLD	1.0
4274+05.73	MED SHLD	1.0
4276+43.22	O/S SHLD	1.0
4310+81.97	O/S SHLD	1.0
4311+08.82	MED SHLD	1.0
4432+78.16	O/S SHLD	1.0
4484+52.16	O/S SHLD	1.0
025-0043 (NW WW)		1.0
025-0043 (NE WW)		1.0
025-0043 (SW WW)		1.0
025-0043 (SE WW)		1.0
025-0073 (NW WW)		1.0
025-0073 (NE WW)		1.0
025-0073 (SW WW)		1.0
025-0073 (SE WW)		1.0
TOTAL =		15.0

TRAFFIC BARRIER TERMINAL, TYPE 6 SCHEDULE

Structure No.	Location	Each
025-0068 (SW QUAD)	O/S SHLD	1.0
025-0068 (NW QUAD)	O/S SHLD	1.0
025-0068 (NE QUAD)	MED SHLD	1.0
025-0043 (NW WW)		1.0
025-0043 (NE WW)		1.0
025-0043 (SW WW)		1.0
025-0043 (SE WW)		1.0
025-0073 (NW WW)		1.0
025-0073 (NE WW)		1.0
025-0073 (SW WW)		1.0
025-0073 (SE WW)		1.0
TOTAL =		11.0

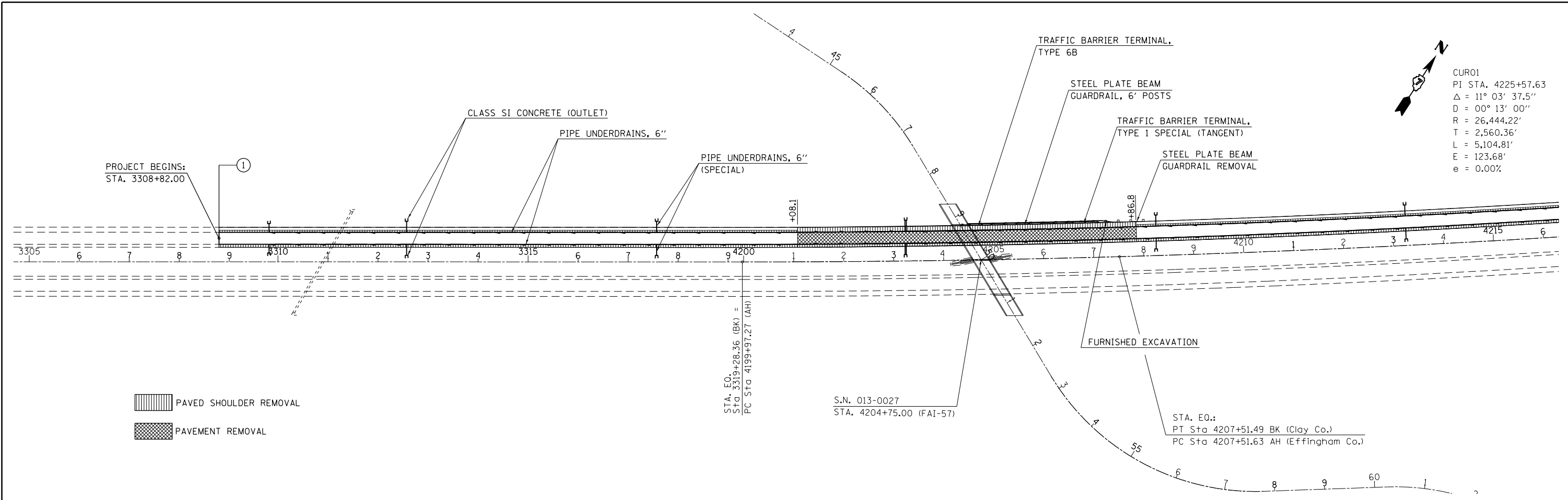
TRAFFIC BARRIER TERMINAL, TYPE 6B SCHEDULE

Structure No.	Pier Location	Each
013-0023	O/S SHLD	1.0
025-0043	O/S SHLD	1.0
025-0073	O/S SHLD	1.0
TOTAL =		3.0

TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL) SCHEDULE

Structure No.	Location	Each
025-0070 (NW QUAD)	O/S SHLD	1.0
025-0070 (NE QUAD)	MED SHLD	1.0
TOTAL =		2.0

• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM, CLAY



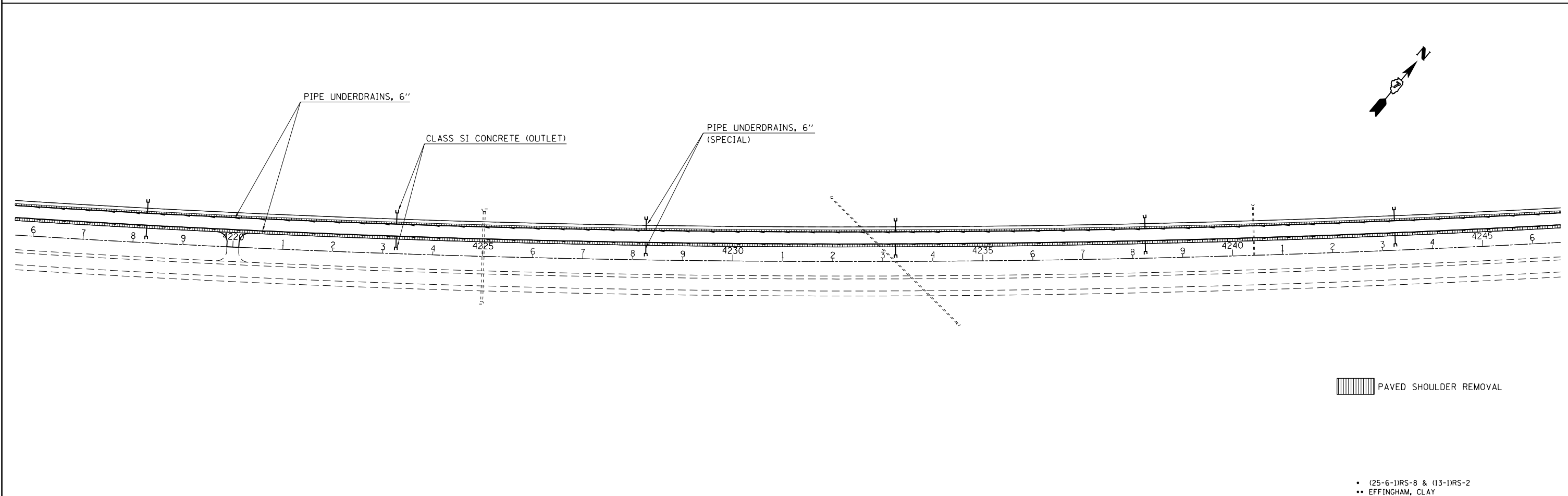
CUR01
 PI STA. 4225+57.63
 $\Delta = 11^\circ 03' 37.5''$
 $D = 00^\circ 13' 00''$
 $R = 26,444.22'$
 $T = 2,560.36'$
 $L = 5,104.81'$
 $E = 123.68'$
 $e = 0.00\%$

PAVED SHOULDER REMOVAL
 PAVEMENT REMOVAL

STA. E.O.
 STA. 3319+28.36 (BK) =
 PC STA 4199+97.27 (AH)

S.N. 013-0027
 STA. 4204+75.00 (FAI-57)

STA. E.O.:
 PT Sta 4207+51.49 BK (Clay Co.)
 PC Sta 4207+51.63 AH (Effingham Co.)



PAVED SHOULDER REMOVAL

• (25-6-1)RS-8 & (13-1)RS-2
 •• EFFINGHAM, CLAY

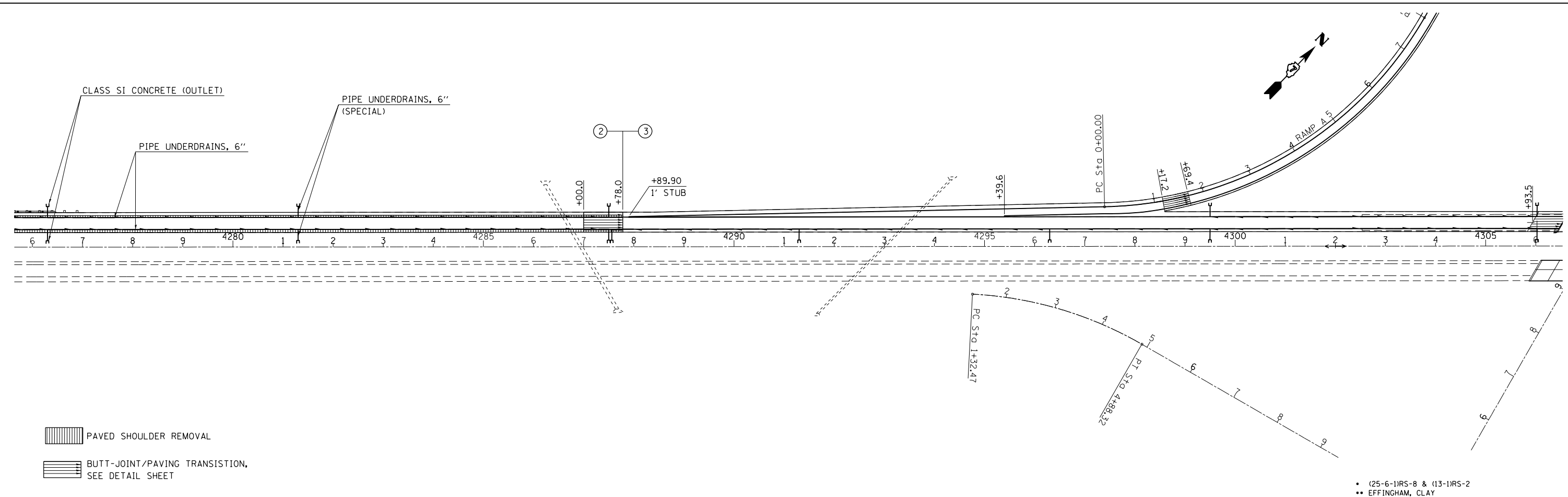
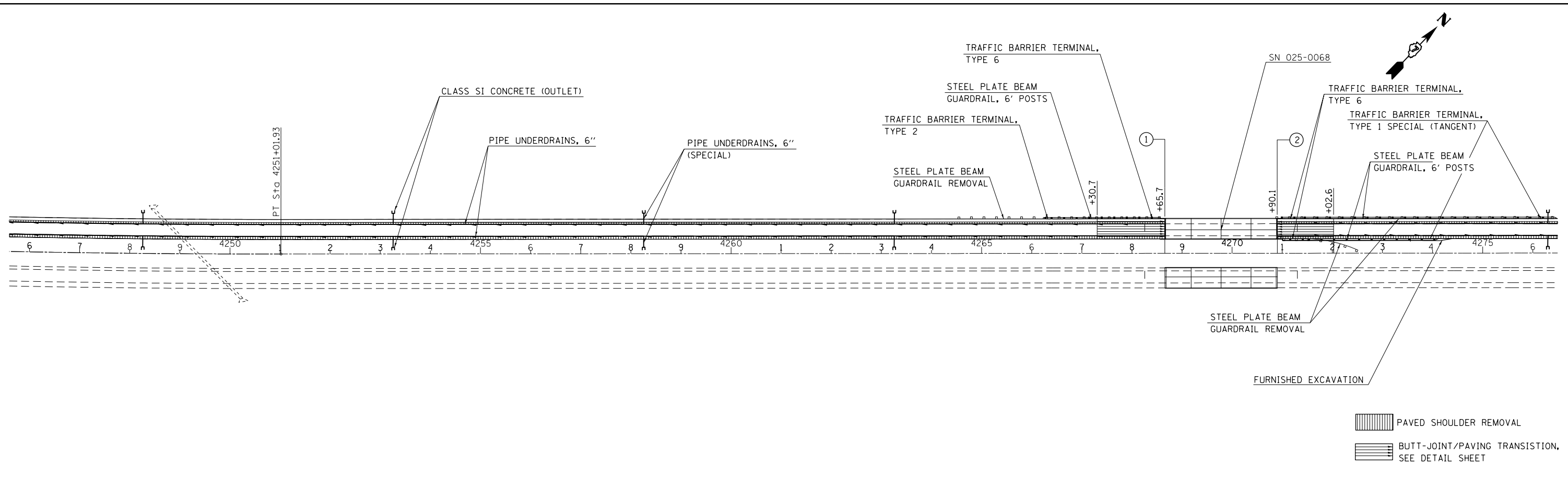
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	PLOT DATE = 10/18/2012	DATE -	REVISED -



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 100 SHEET NO. 1 OF 8 SHEETS STA. 3305+00 TO STA. 4246+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	••	84	37
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				



 PAVED SHOULDER REMOVAL
 BUTT-JOINT/PAVING TRANSITION, SEE DETAIL SHEET

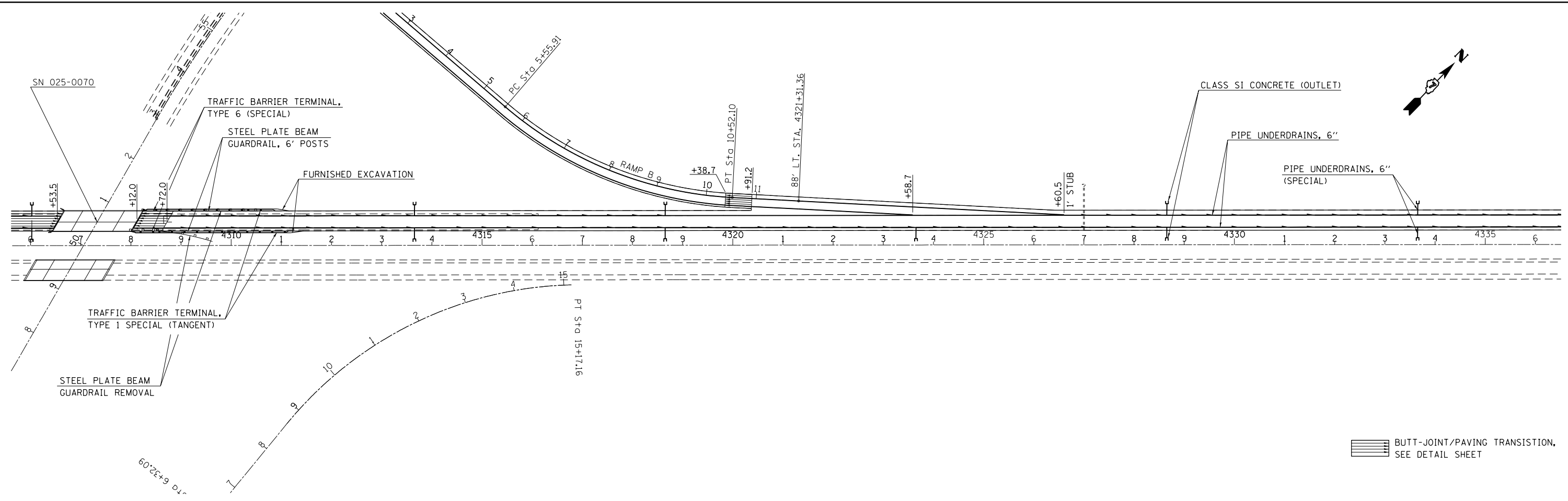
• (25-6-1)RS-8 & (13-1)RS-2
 •• EFFINGHAM, CLAY


FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
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	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

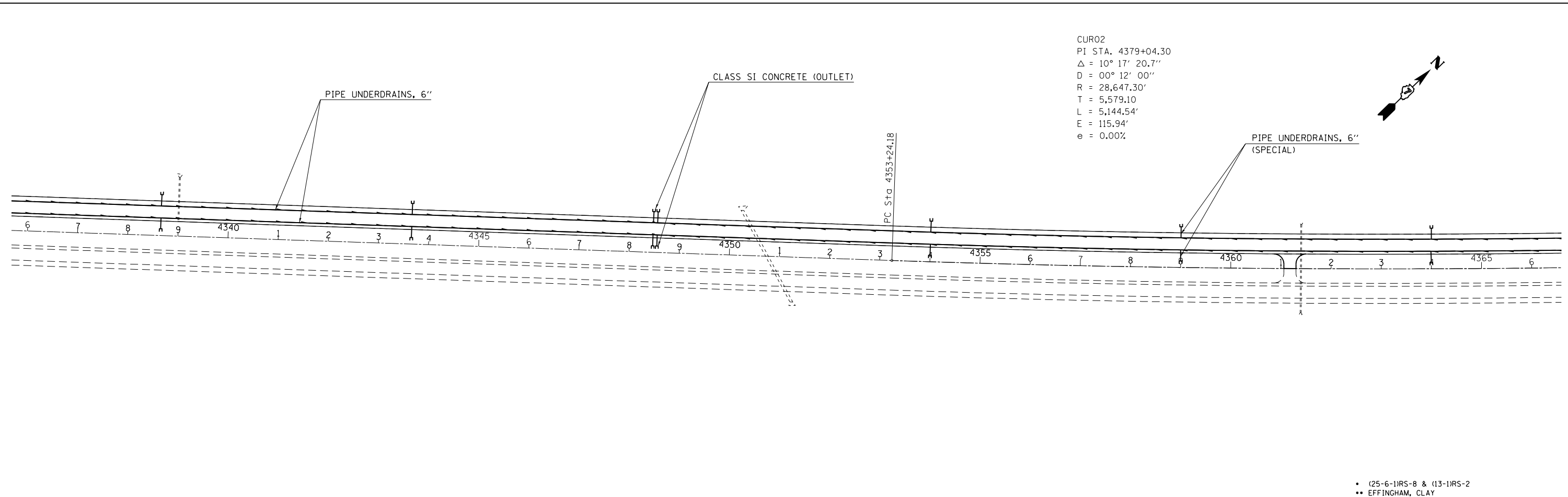
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
 SCALE: 100 SHEET NO. 2 OF 8 SHEETS STA. 4246+00 TO STA. 4306+00

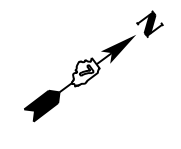
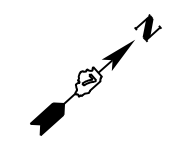
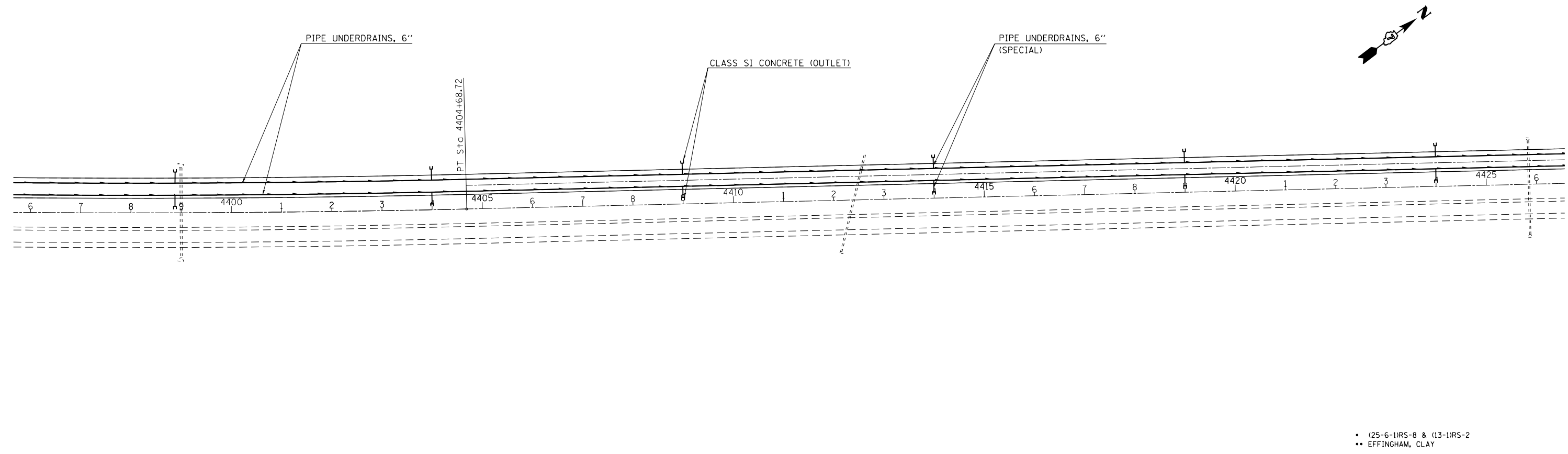
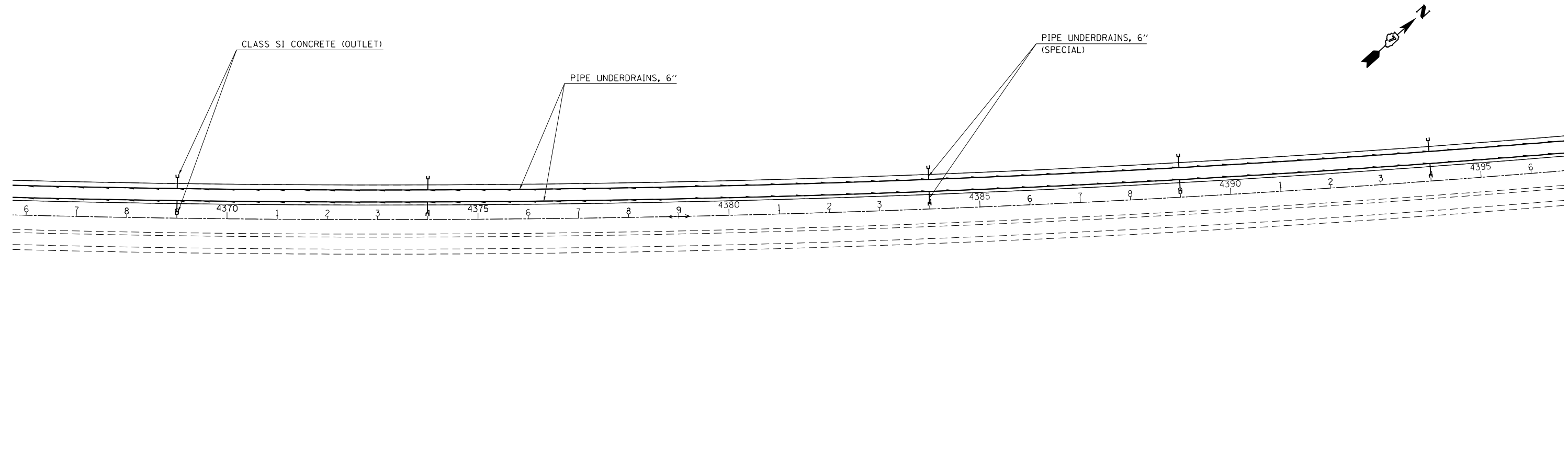
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	••	84	38
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				



 BUTT-JOINT/PAVING TRANSITION, SEE DETAIL SHEET



FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 200.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 74450							
PLOT DATE = 10/18/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 100	SHEET NO. 3 OF 8 SHEETS	STA. 4306+00	TO STA. 4366+00					



FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
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	PLOT DATE = 10/18/2012	DATE -	REVISED -

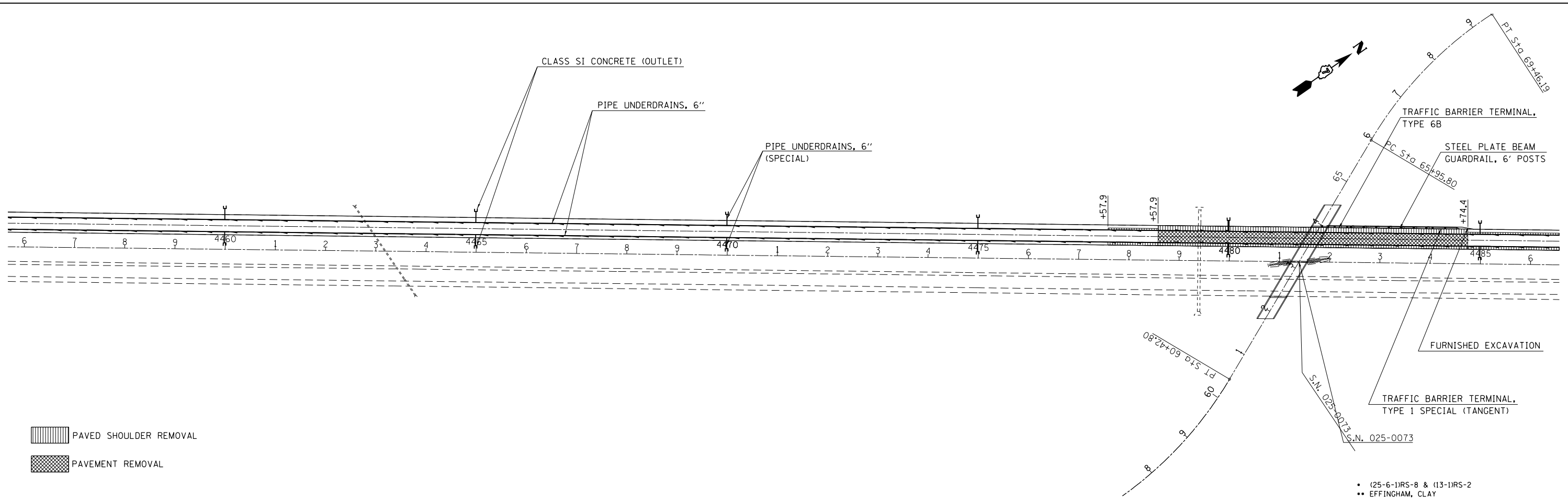
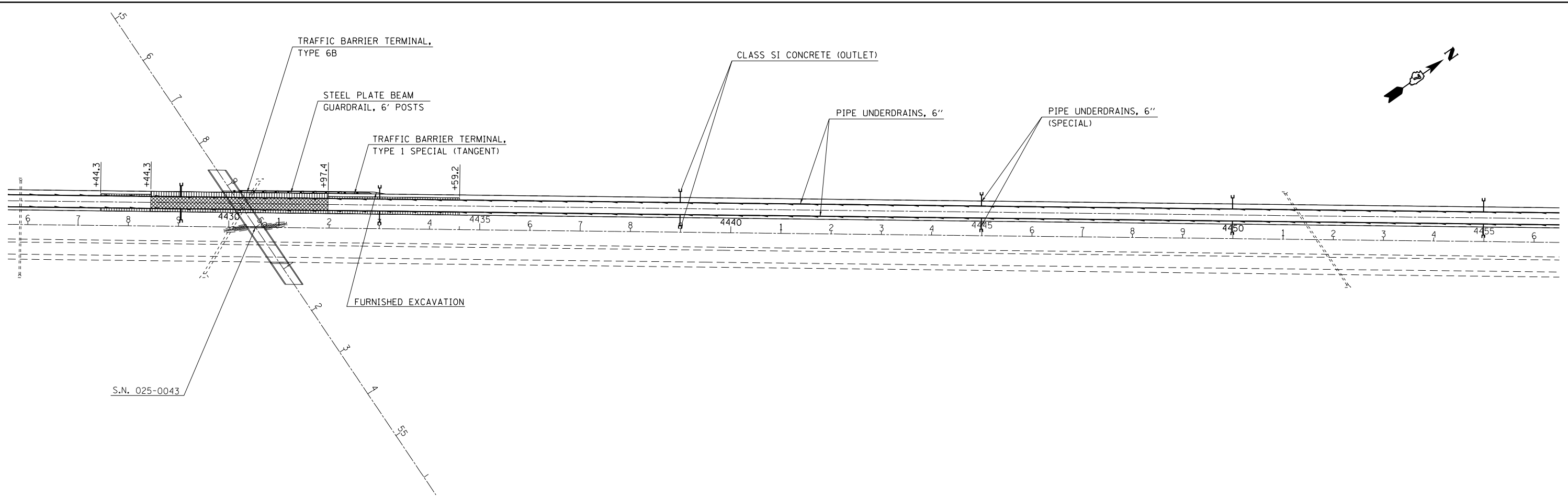
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 100 SHEET NO. 4 OF 8 SHEETS STA. 4366+00 TO STA. 4426+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	..	84	40
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				

• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM, CLAY



FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
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	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

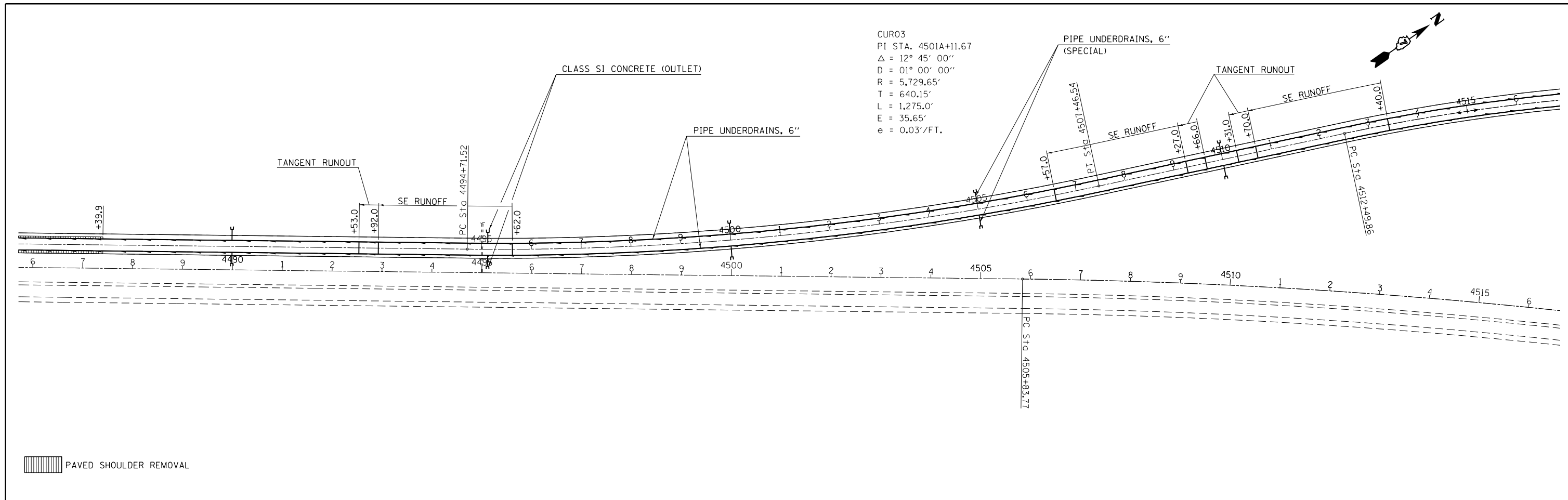
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET


SCALE: 100 SHEET NO. 5 OF 8 SHEETS STA. 4426+00 TO STA. 4486+00

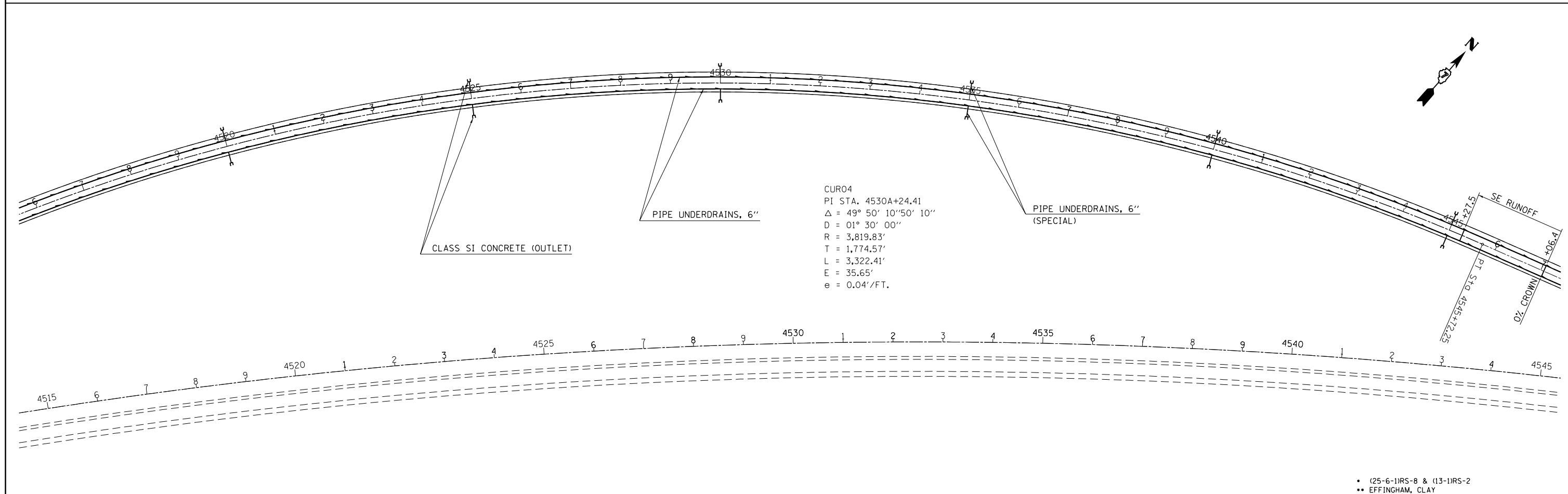
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	41
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				

- (25-6-1)RS-8 & (13-1)RS-2
- EFFINGHAM, CLAY



CUR03
 PI STA. 4501A+11.67
 $\Delta = 12^\circ 45' 00''$
 $D = 01^\circ 00' 00''$
 $R = 5,729.65'$
 $T = 640.15'$
 $L = 1,275.0'$
 $E = 35.65'$
 $e = 0.03'/FT.$

 PAVED SHOULDER REMOVAL



CUR04
 PI STA. 4530A+24.41
 $\Delta = 49^\circ 50' 10'' 50' 10''$
 $D = 01^\circ 30' 00''$
 $R = 3,819.83'$
 $T = 1,774.57'$
 $L = 3,322.41'$
 $E = 35.65'$
 $e = 0.04'/FT.$

• (25-6-1)RS-8 & (13-1)RS-2
 •• EFFINGHAM, CLAY

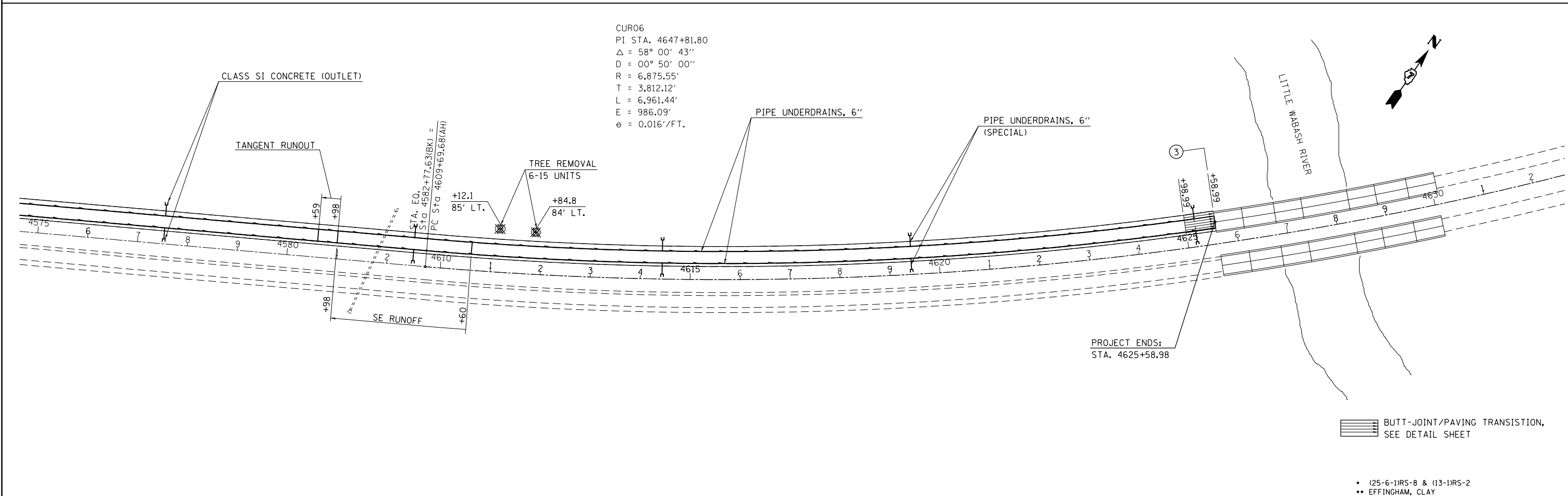
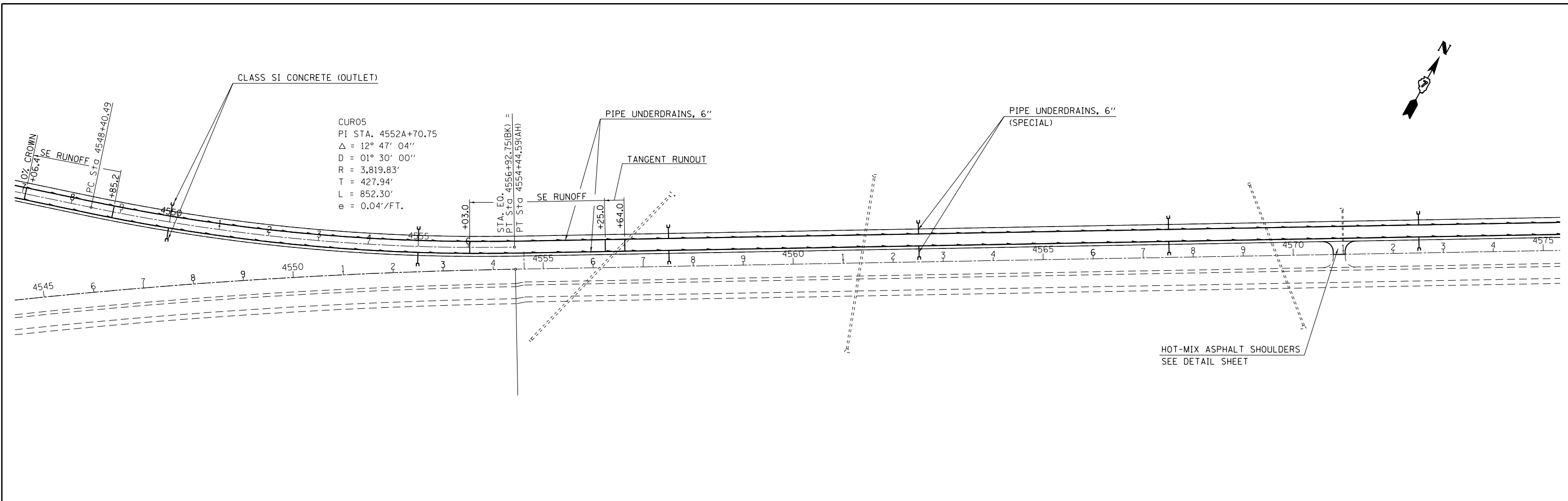
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	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

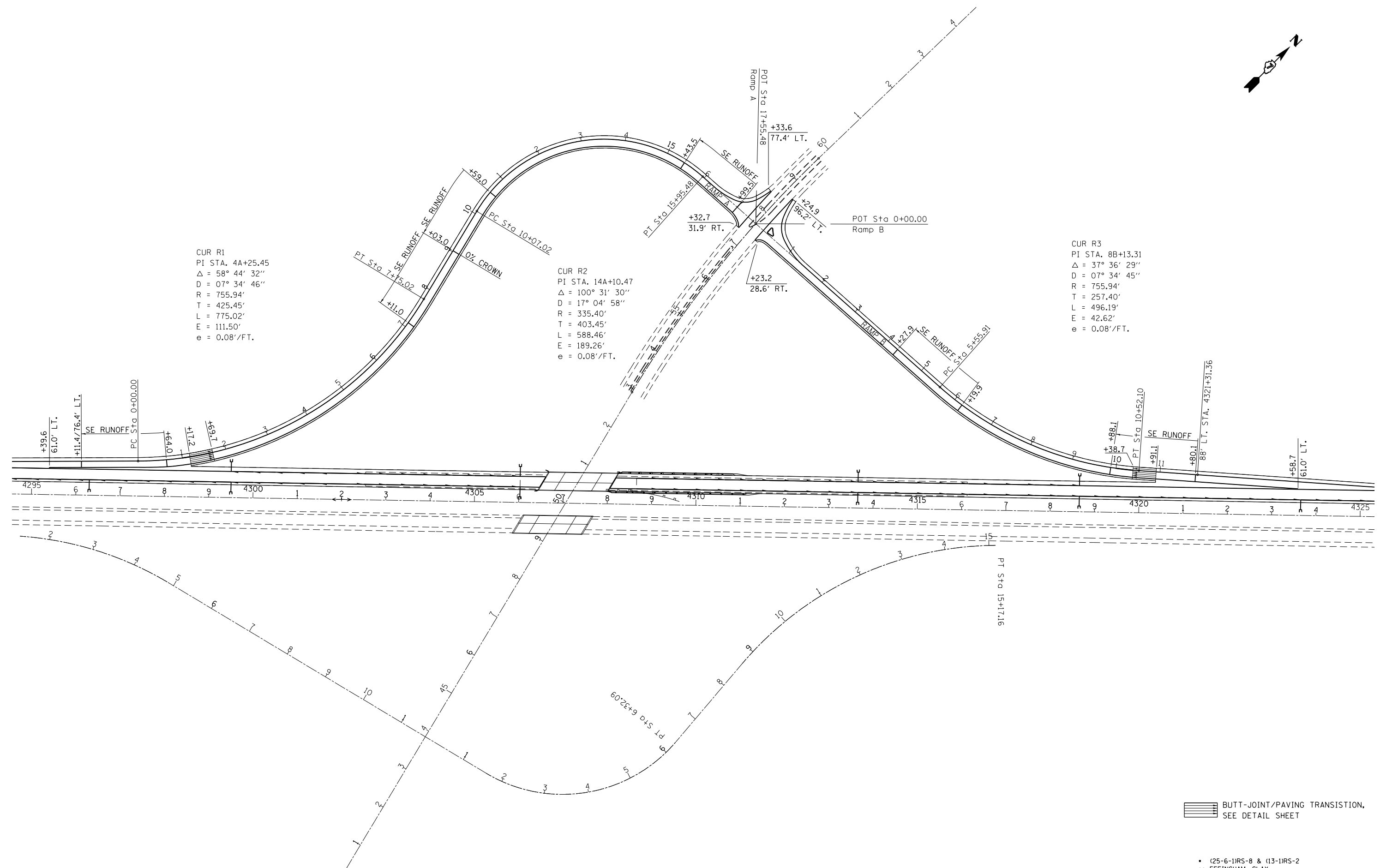
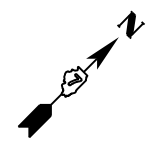
PLAN SHEET

SCALE: 100 SHEET NO. 6 OF 8 SHEETS STA. 4486+00 TO STA. 4515+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	••	84	42
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				




FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\teasleyck\d0181558\d774450-sht-plan.dgn		DRAWN -	REVISED -		57	.	..	84	43			
PLOT SCALE = 200.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 74450							
PLOT DATE = 10/18/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 100	SHEET NO. 7 OF 8 SHEETS	STA. 4515+00 TO STA. 4632+00						



CUR R1
 PI STA. 4A+25.45
 $\Delta = 58^\circ 44' 32''$
 $D = 07^\circ 34' 46''$
 $R = 755.94'$
 $T = 425.45'$
 $L = 775.02'$
 $E = 111.50'$
 $e = 0.08'/FT.$

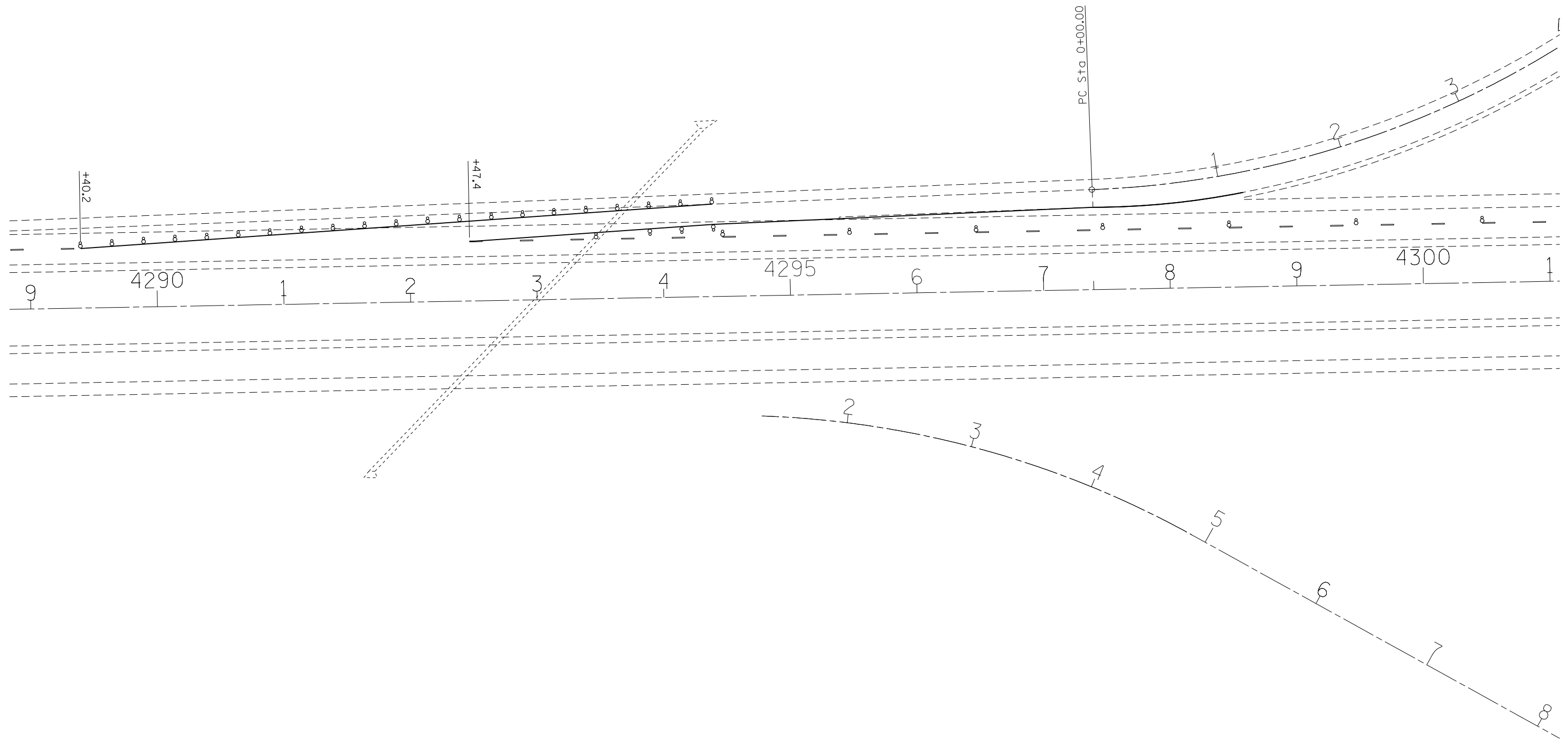
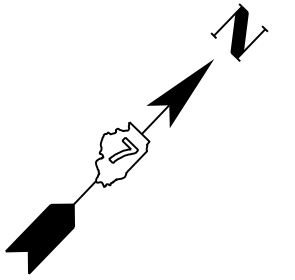
CUR R2
 PI STA. 14A+10.47
 $\Delta = 100^\circ 31' 30''$
 $D = 17^\circ 04' 58''$
 $R = 335.40'$
 $T = 403.45'$
 $L = 588.46'$
 $E = 189.26'$
 $e = 0.08'/FT.$

CUR R3
 PI STA. 8B+13.31
 $\Delta = 37^\circ 36' 29''$
 $D = 07^\circ 34' 45''$
 $R = 755.94'$
 $T = 257.40'$
 $L = 496.19'$
 $E = 42.62'$
 $e = 0.08'/FT.$

 BUTT-JOINT/PAVING TRANSITION,
 SEE DETAIL SHEET

• (25-6-1)RS-8 & (13-1)RS-2
 •• EFFINGHAM, CLAY

FILE NAME = c:\pw\work\p\dot\teasleyck\d0181558\d774450-sht-plan.dgn	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -		SCALE: 100	SHEET NO. 8 OF 8 SHEETS	STA. 4295+00 TO STA. 4325+00	57	•	••	84	44
PLOT DATE = 10/18/2012	DATE -	REVISED -	REVISED -				CONTRACT NO. 74450		ILLINOIS FED. AID PROJECT			



• 125-6-11RS-8 & (13-11RS-2
 •• EFFINGHAM, CLAY

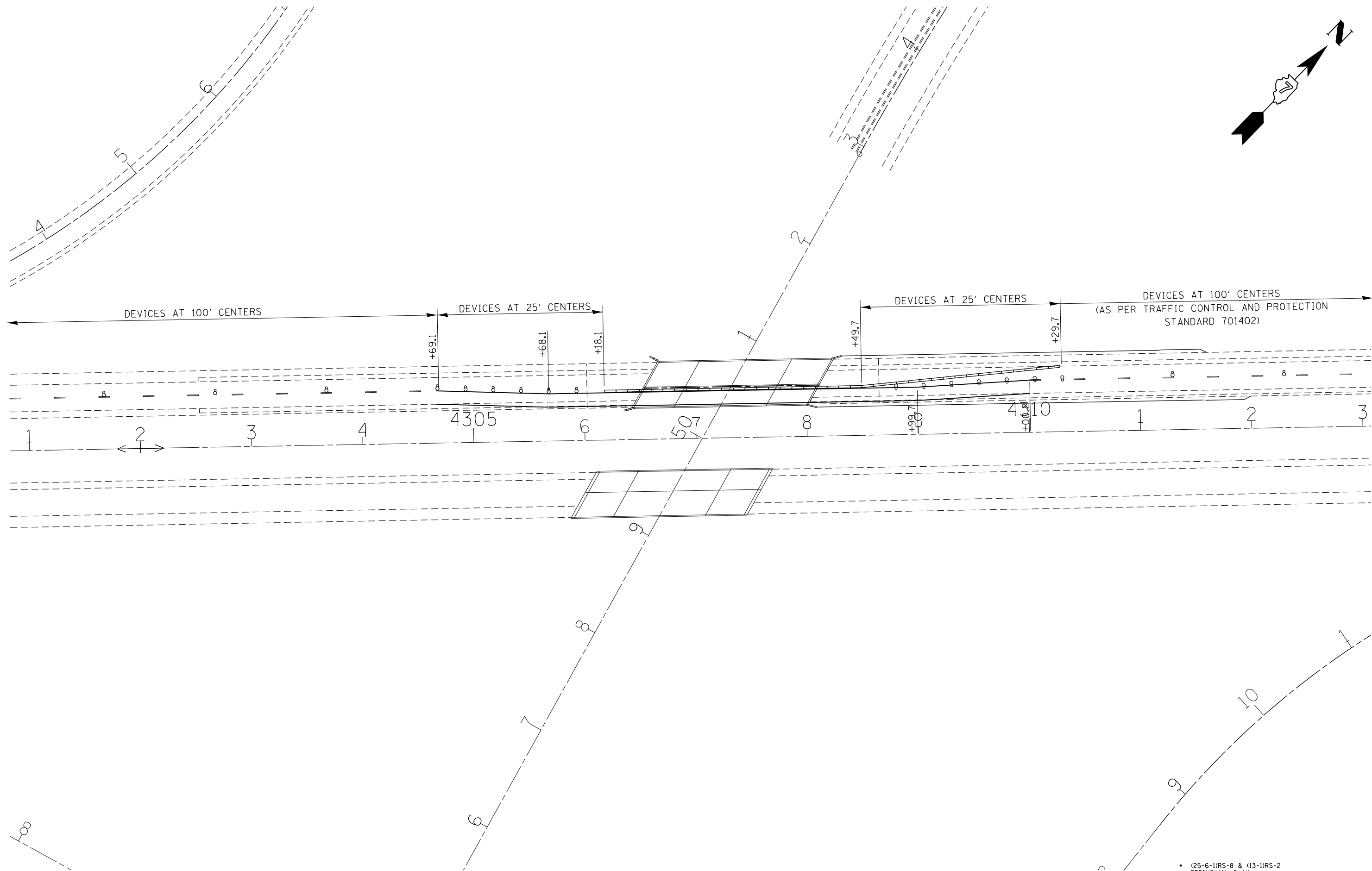
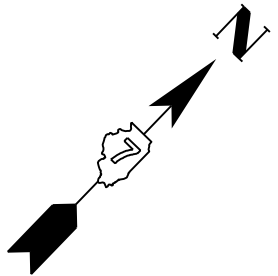
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Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGE 1 TRAFFIC CONTROL

SCALE: 40 SHEET 1 OF 10 SHEETS STA. 4289+00 TO STA. 4301+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	••	84	45
CONTRACT NO. 74450			ILLINOIS FED. AID PROJECT	



• 125-6-11RS-8 & (13-11RS-2
• EFFINGHAM, CLAY

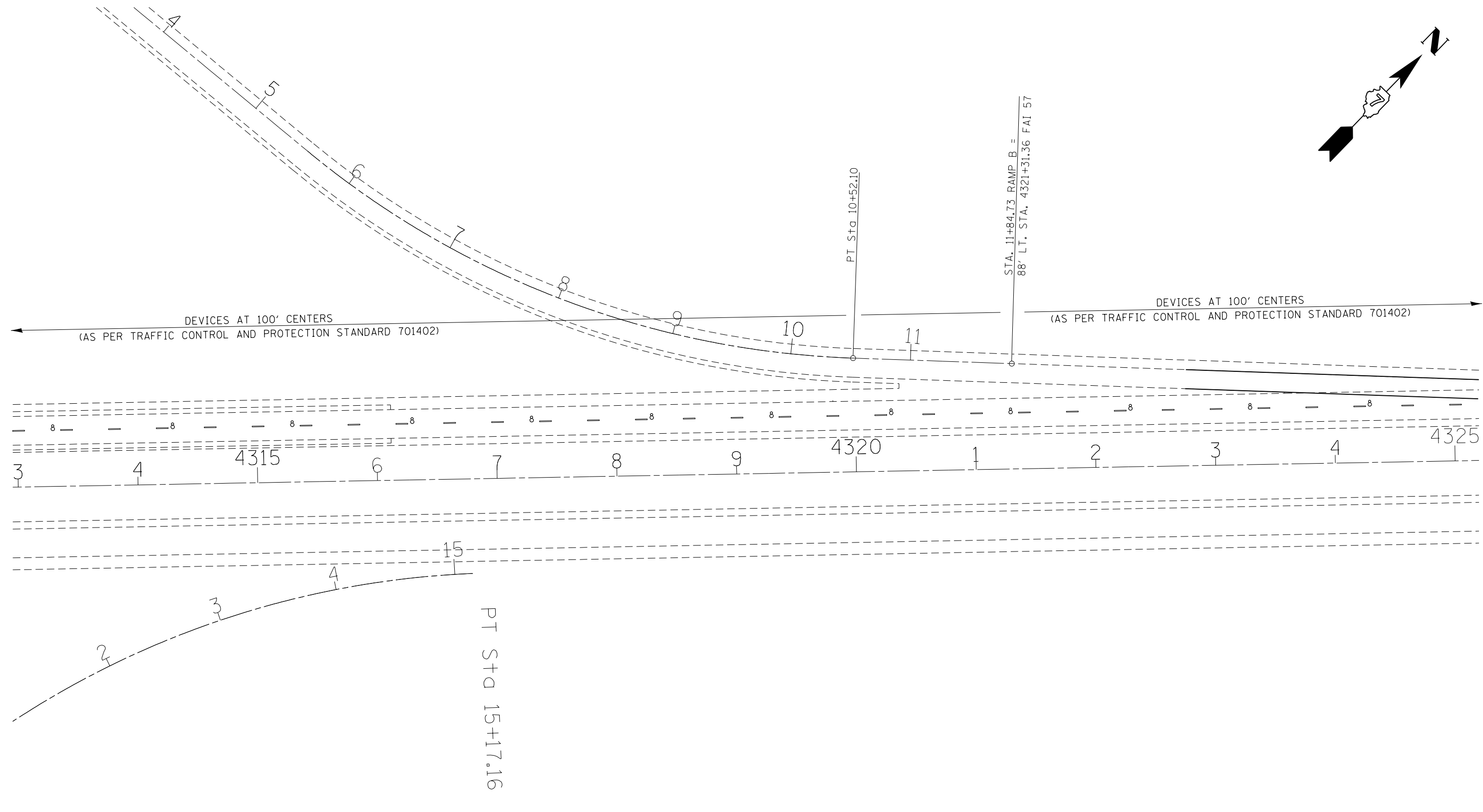
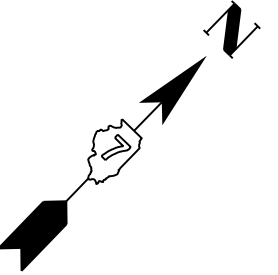
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	PLOT DATE = 10/19/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 1 TRAFFIC CONTROL

SCALE: 40 SHEET 2 OF 10 SHEETS STA. 4301+00 TO STA. 4313+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	..	84	46
			CONTRACT NO. 74450	
ILLINOIS FED. AID PROJECT				



• 125-6-11RS-8 & (13-11RS-2
 •• EFFINGHAM, CLAY

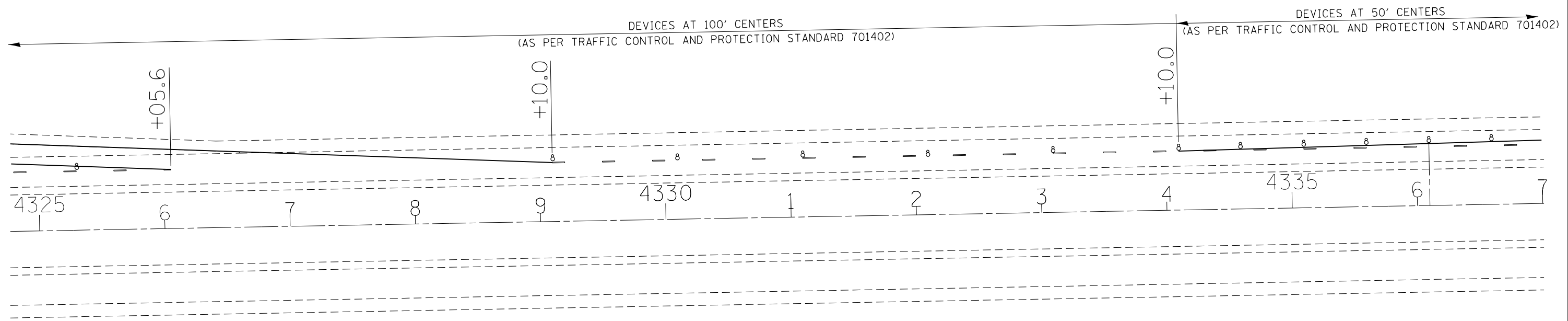
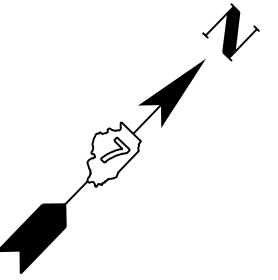
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Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGE 1 TRAFFIC CONTROL

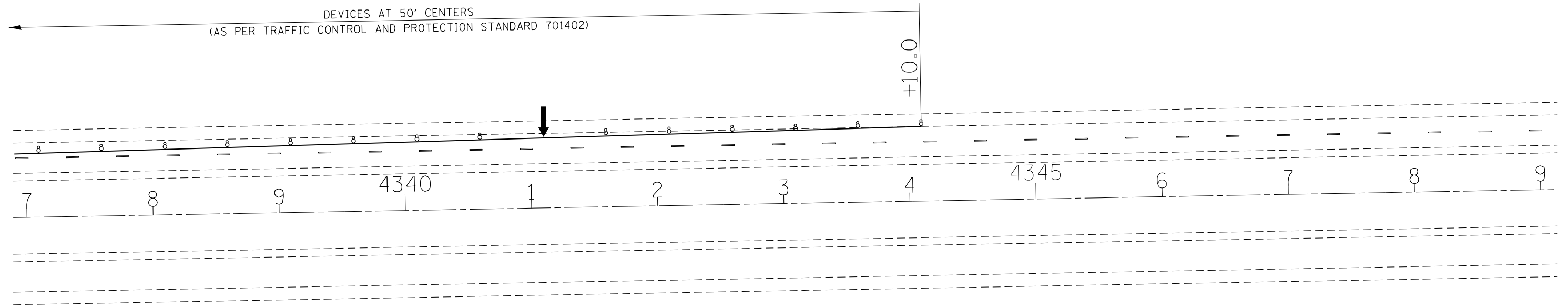
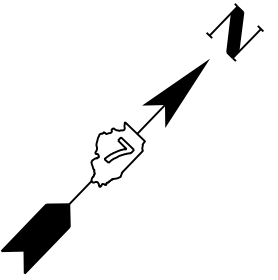
SCALE: 40 SHEET 3 OF 10 SHEETS STA. 4313+00 TO STA. 4325+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	••	84	47
CONTRACT NO. 74450			ILLINOIS FED. AID PROJECT	



• 125-6-11RS-8 & (13-11RS-2
 •• EFFINGHAM, CLAY

FILE NAME = c:\pwork\pwork\teasleyck\d0181558\d774450-sht-trafficcontrol.dgn	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 TRAFFIC CONTROL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 80.0000' / in.	DRAWN -	REVISED -		57	.	••	84	48			
Default	PLOT DATE = 10/18/2012	CHECKED -	REVISED -		SCALE: 40 SHEET 4 OF 10 SHEETS STA. 4325+00 TO STA. 4337+00			CONTRACT NO. 74450		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -									



• 125-6-11RS-8 & (13-11RS-2
•• EFFINGHAM, CLAY

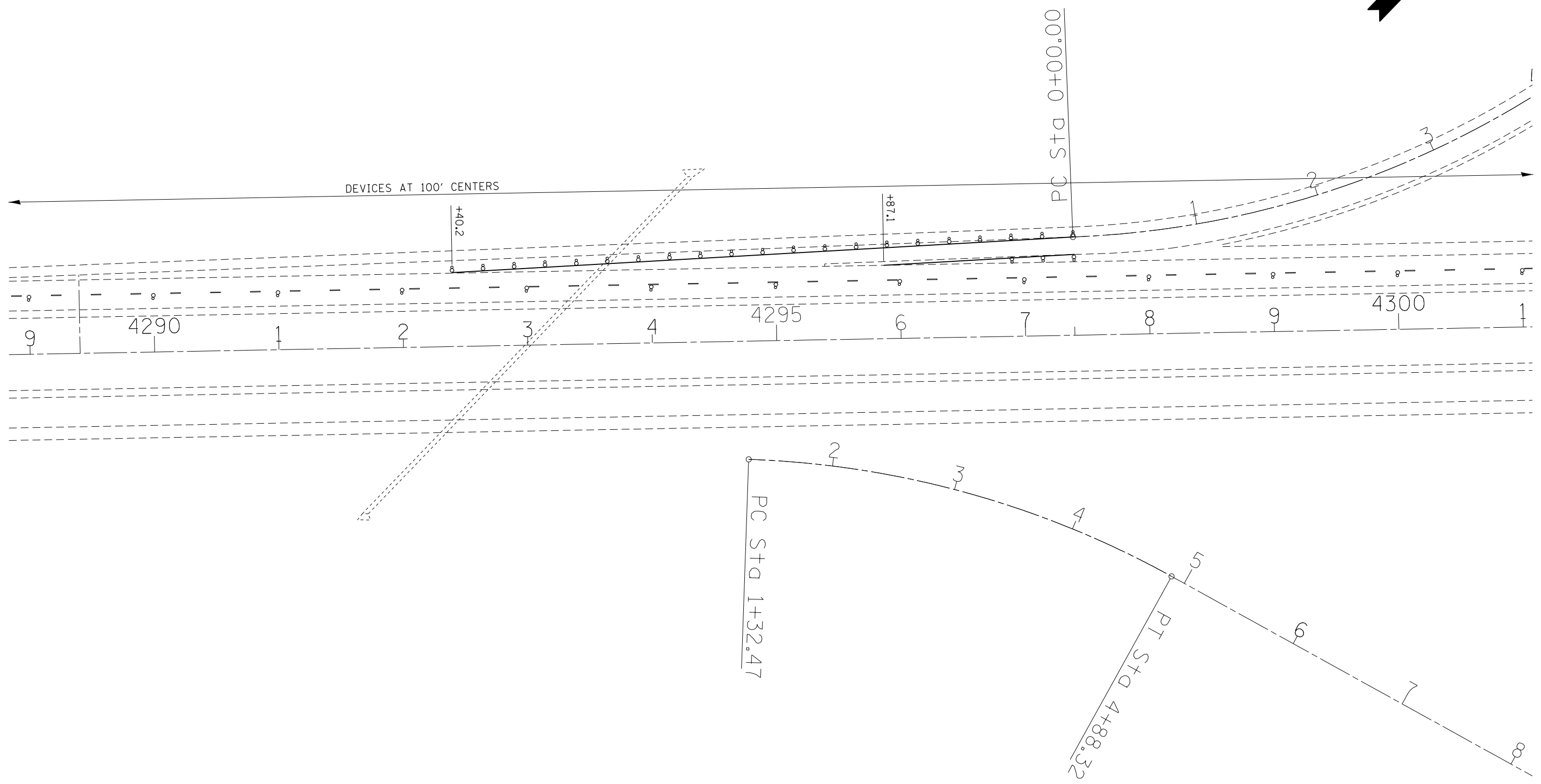
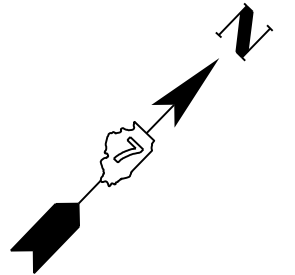
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Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 TRAFFIC CONTROL
701402 (SPECIAL)**

SCALE: 40 SHEET 5 OF 10 SHEETS STA. 4337+00 TO STA. 4349+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	••	84	49
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				



• 125-6-11RS-8 & (13-11RS-2
 •• EFFINGHAM, CLAY

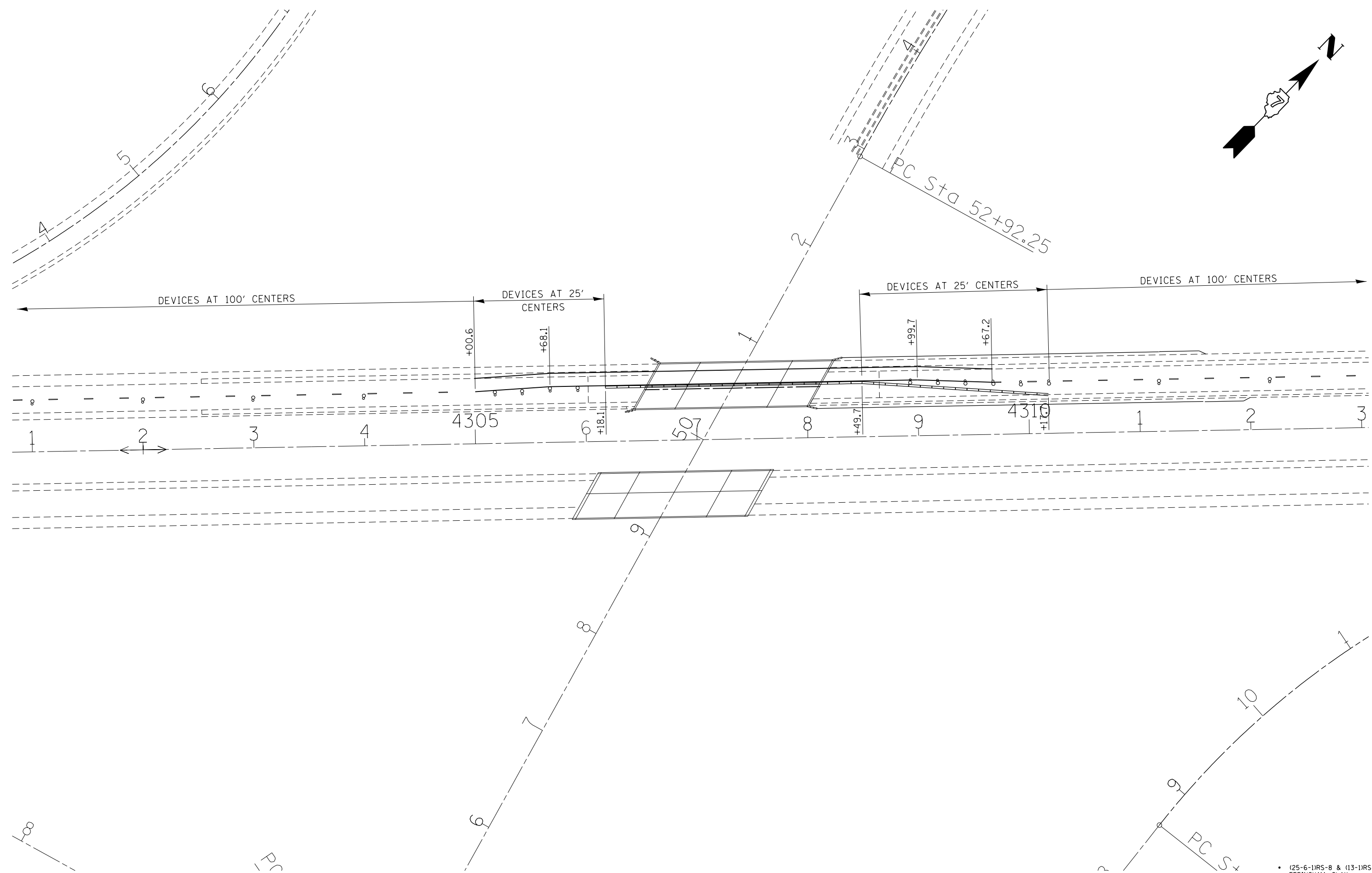
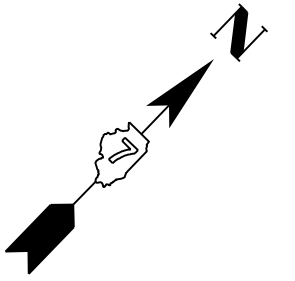
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	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGE 2 TRAFFIC CONTROL

SCALE: 40 SHEET 6 OF 10 SHEETS STA. 4289+00 TO STA. 4301+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	••	84	50
CONTRACT NO. 74450			ILLINOIS FED. AID PROJECT	



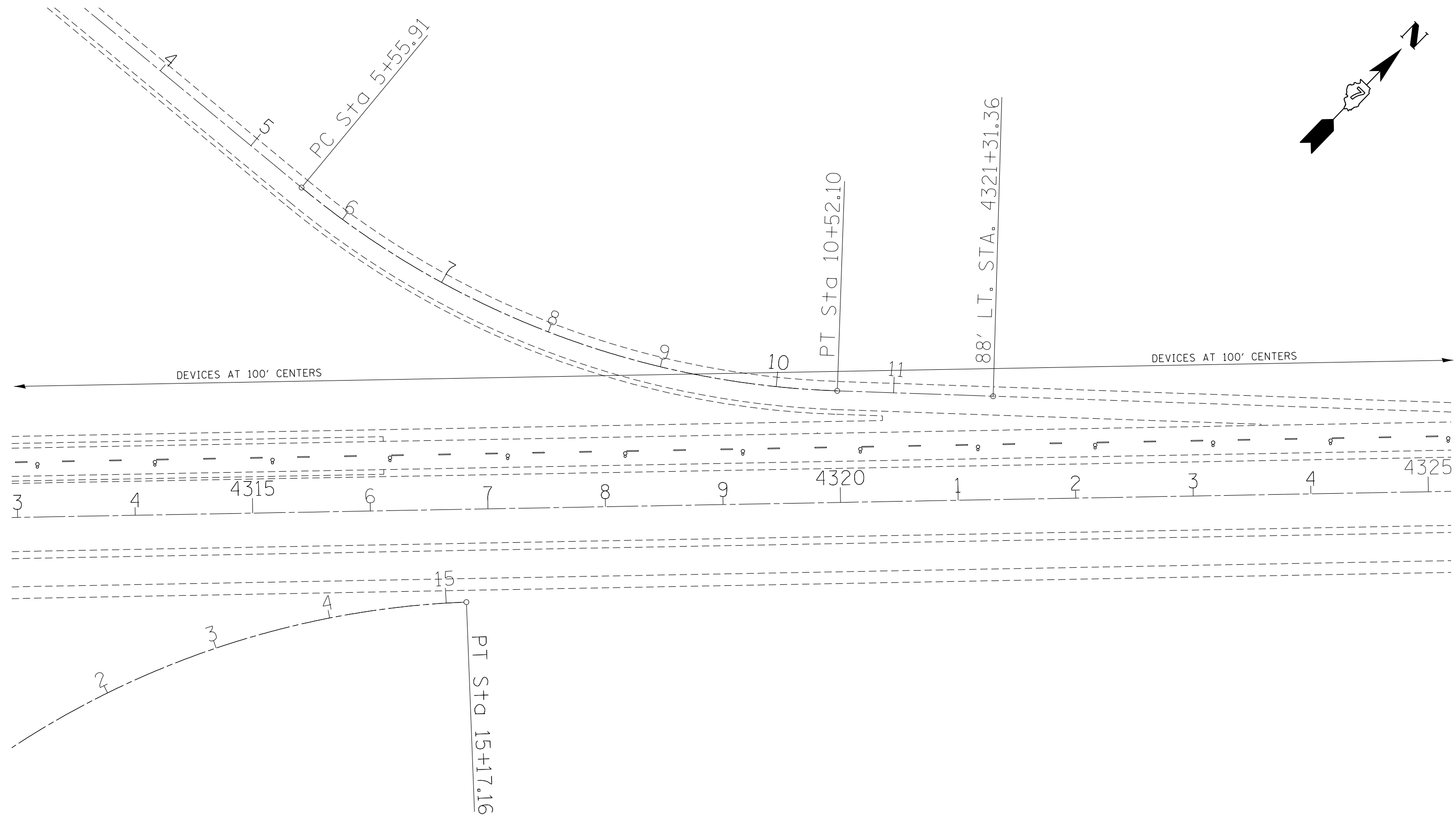
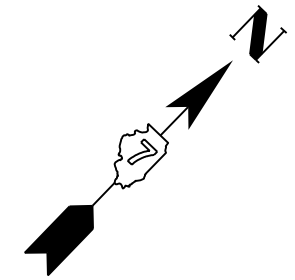
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 2 TRAFFIC CONTROL

SCALE: 40 SHEET 7 OF 10 SHEETS STA. 4301+00 TO STA. 4313+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	..	84	51
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY



• 125-6-11RS-8 & (13-11RS-2
 •• EFFINGHAM, CLAY

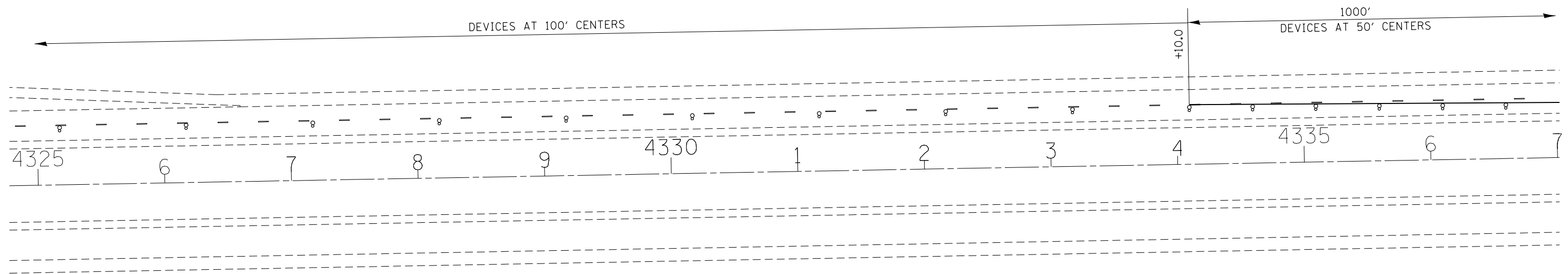
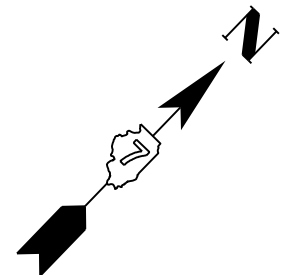
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	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGE 2 TRAFFIC CONTROL

SCALE: 40 SHEET 8 OF 10 SHEETS STA. 4313+00 TO STA. 4325+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	••	84	52
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				



• 125-6-11RS-8 & 113-11RS-2
 •• EFFINGHAM, CLAY

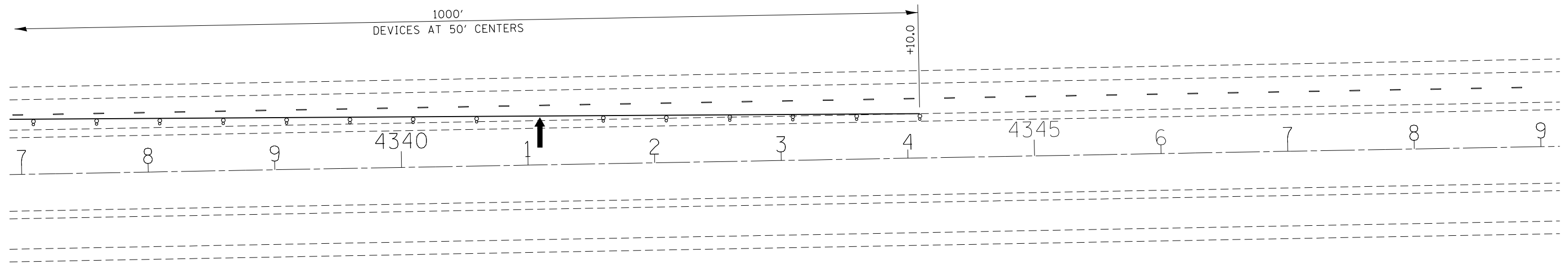
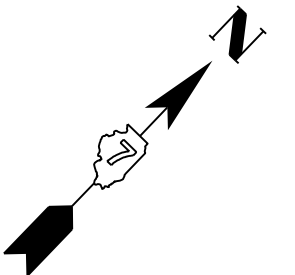
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Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGE 2 TRAFFIC CONTROL

SCALE: 40 SHEET 9 OF 10 SHEETS STA. 4325+00 TO STA. 4337+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	••	84	53
CONTRACT NO. 74450			ILLINOIS FED. AID PROJECT	



• 125-6-11RS-8 & (13-11RS-2
 •• EFFINGHAM, CLAY

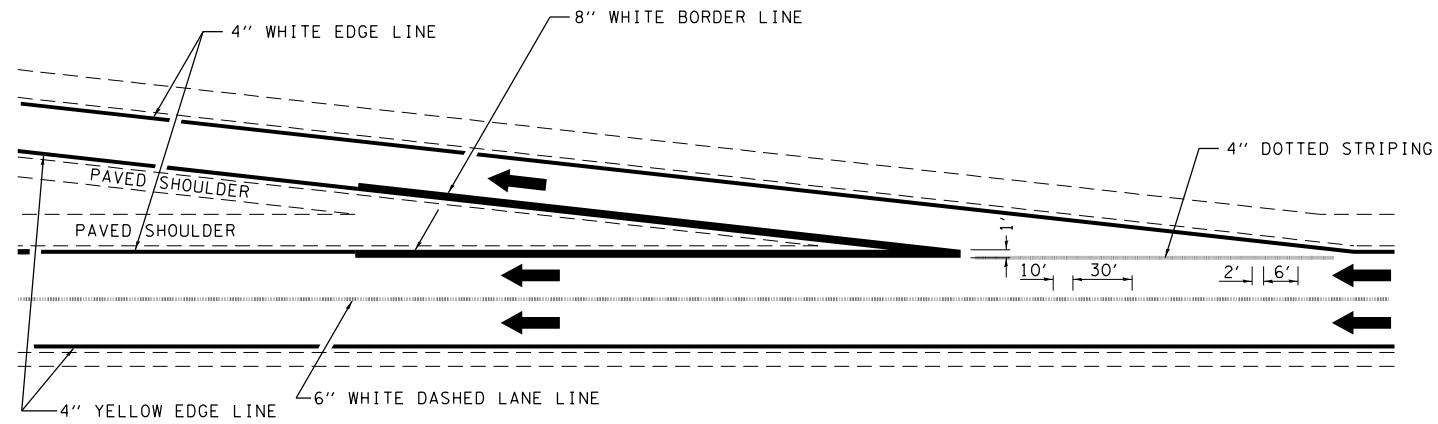
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	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

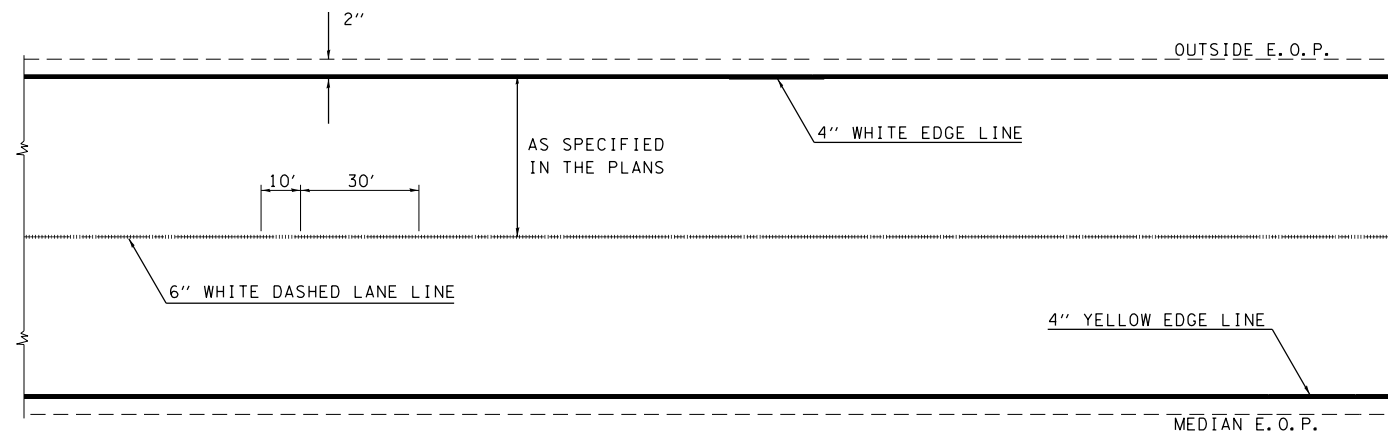
STAGE 2 TRAFFIC CONTROL

SCALE: 40 SHEET 10 OF 10 SHEETS STA. 4337+00 TO STA. 4349+00

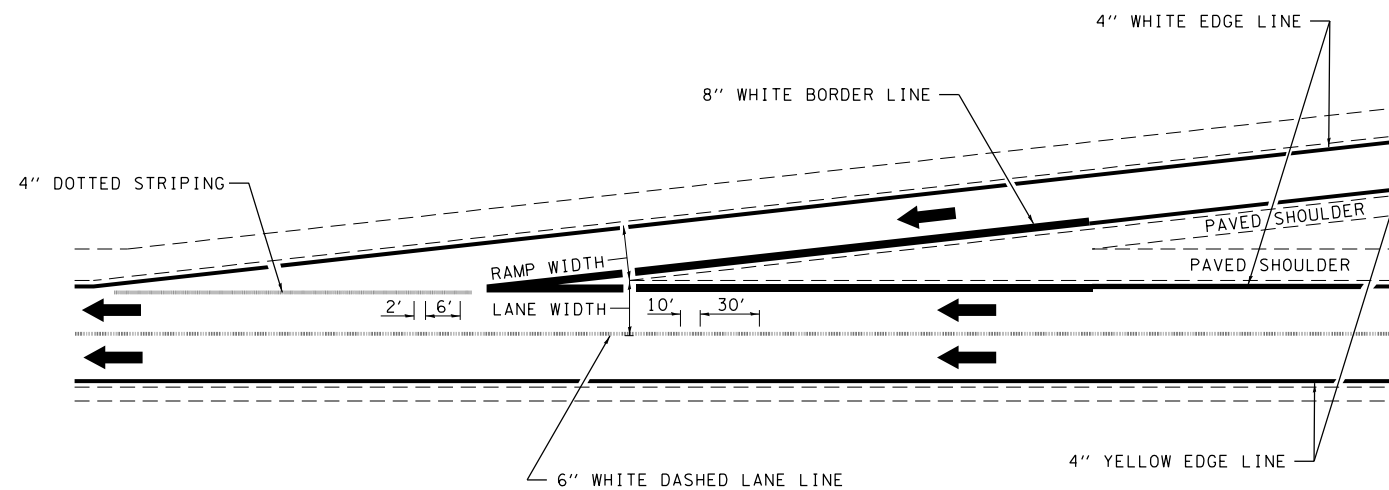
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	••	84	54
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				



TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLINE & EDGELINE MARKINGS



TYPICAL ENTRANCE RAMP MARKING

NOT TO SCALE

• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM, CLAY

DISTRICT 7 DETAIL NO. 7800002

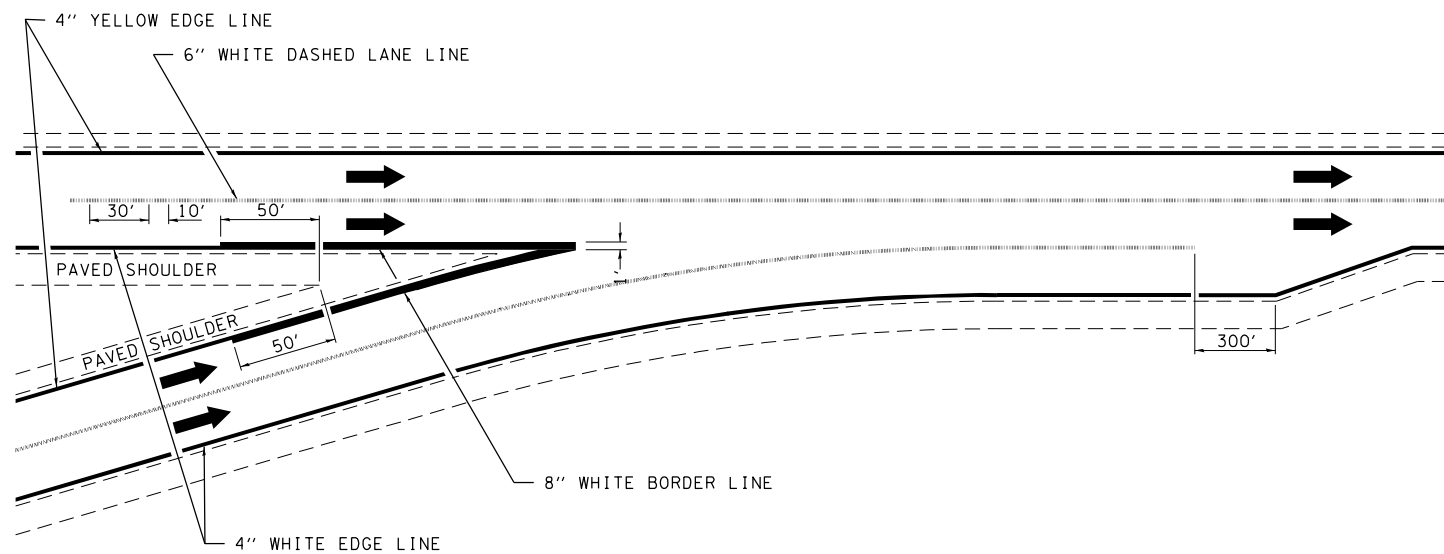
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - DRM 01-09
	PLOT DATE = 10/18/2012	DATE -	REVISED - DRM 12-10

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

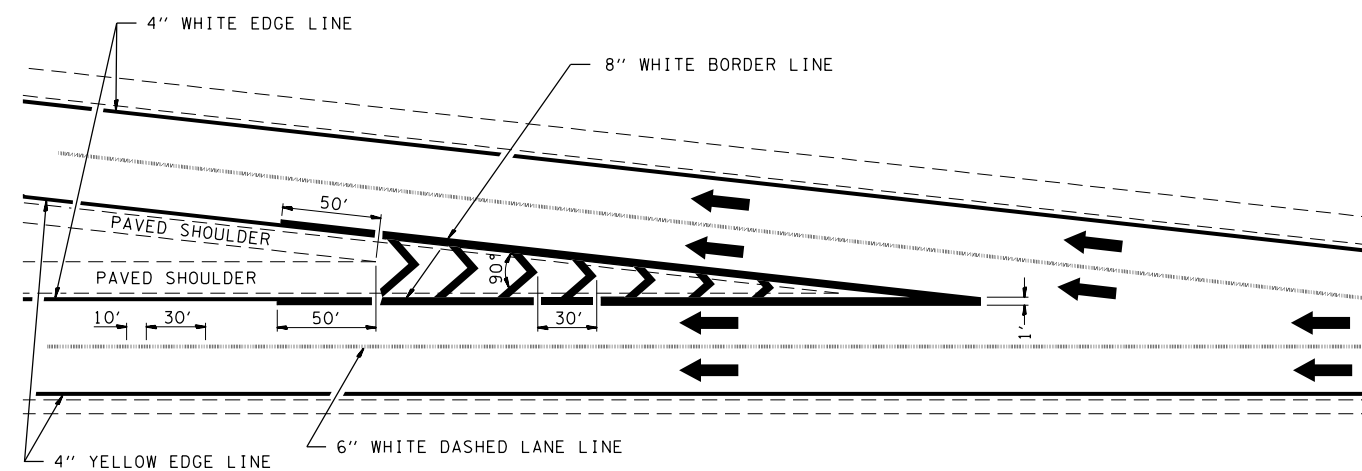
TYPICAL APPLICATIONS OF INTERSTATE PAVEMENT MARKING

SCALE: NA SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	••	84	55
FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT
CONTRACT NO. 74450				

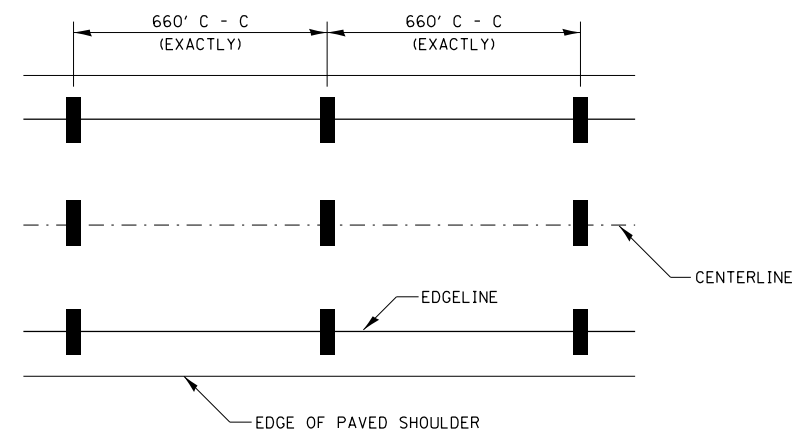


TYPICAL CONVERGENCE MARKING

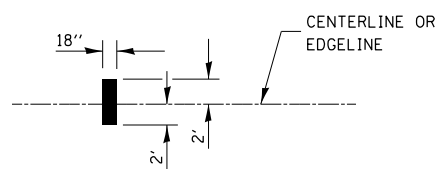


TYPICAL DIVERGENCE MARKING

AERIAL SPEED CHECK ZONES



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



NOT TO SCALE

• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM, CLAY

DISTRICT 7 DETAIL NO. 7800002

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED - MMO 12-99
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	PLOT DATE = 10/18/2012	DATE -	REVISED - DRM 01-09

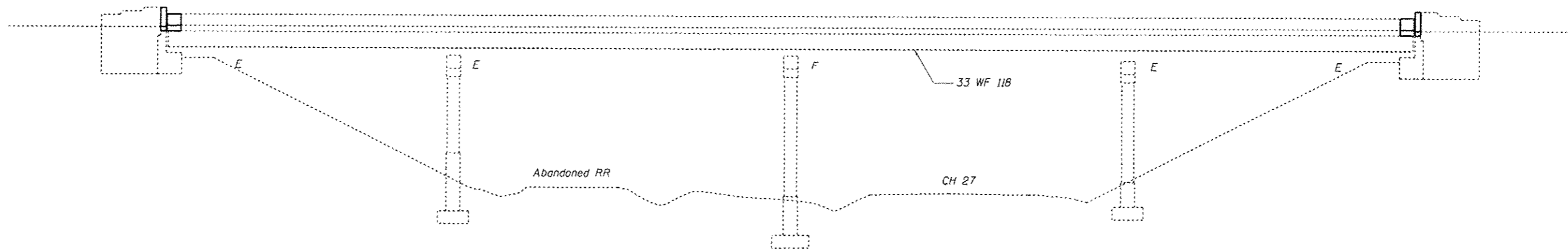
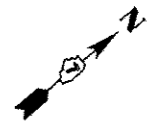
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS OF INTERSTATE PAVEMENT MARKING

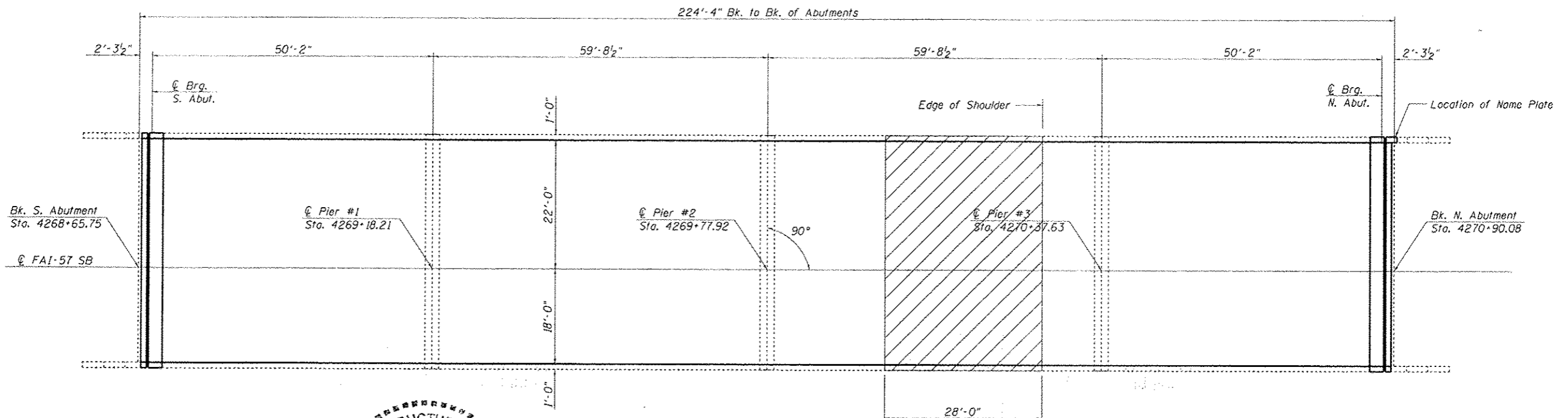
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	••	84	56
CONTRACT NO. 74450				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

The existing four span continuous steel multi-beam structure was constructed in 1969 as FAI-57 section 25-6HVB-1 at Sta. 4269+39.34. SN. 025-0068 carries FAI-57 (Interstate 57 Southbound). The proposed project consists of new expansion joints, new elastomeric bearings, full depth deck repair, new concrete wearing surface, and new deck drains.



ELEVATION



PLAN

LIMITS OF PROTECTIVE SHIELD



David Carl Puzey 2/21/13
Exp. expires 11/30/14

EXISTING DESIGN STRESSES
 $f_c = 1400$ psi. (Super. & Sub.)
 $f_s = 20,000$ psi. (Reinf.)
 $f_s = 20,000$ psi. (Struct. KA-36)
 $vc = 75$ psi. (Figs.)
 $n = 10$

NEW DESIGN STRESSES
 $f_c = 3500$ psi. (Concrete)
 $f_y = 60,000$ psi. (Reinf.)
 $f_y = 36,000$ psi. (Structural Steel)

Loading: HS 20-44 and Alternate

• (25-6-1)RS-B & (13-1)RS-2
 ** EFFINGHAM & CLAY COUNTIES

FILE NAME	USER NAME	DESIGNED	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION SN. 025-0068 (SB)	SCALE:	SHEET NO. 1 OF 22 SHEETS	STA.	TO STA.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
450-ehf-br-plp-f-0250068.dgn	teaslayck	KLB	REVISED							57		**	84	57
PLOT SCALE	CHECKED	REVISIONS	CONTRACT NO. 74450											
1/8" = 1'-0"	MEA	REVISED	[ILLINOIS] FED. AID PROJECT											
PLOT DATE	DATE	REVISED												
10/16/2012	05/31/12	REVISED												

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Reinforcement Bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be replaced using an approved bar splicer or anchorage system. Cost included in CONCRETE REMOVAL.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on as-built plans.

Removal and installation of the nameplate and handrail sections and support posts at both abutments will be necessary for construction of the expansion joints. The existing handrail sections and support posts shall be reused. New bolts, shim plates, and post support anchor assemblies as detailed in the plans are to be provided and installed for the replacement of the handrail and supports. This work and all materials shall be included in the contract unit price for CONCRETE SUPERSTRUCTURE.

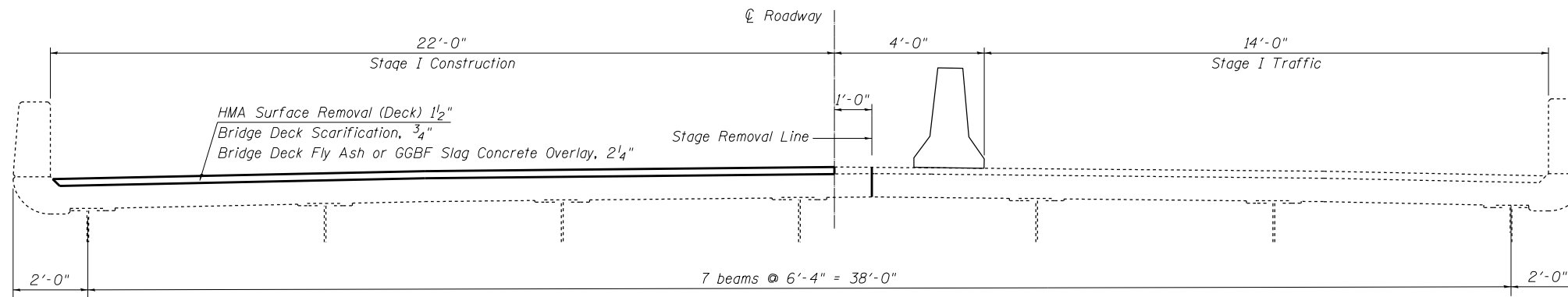
Prior to pouring the new concrete deck, all heavy and loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

All structural steel shall conform to AASHTO Classification M-270 Gr. 36 unless otherwise noted.

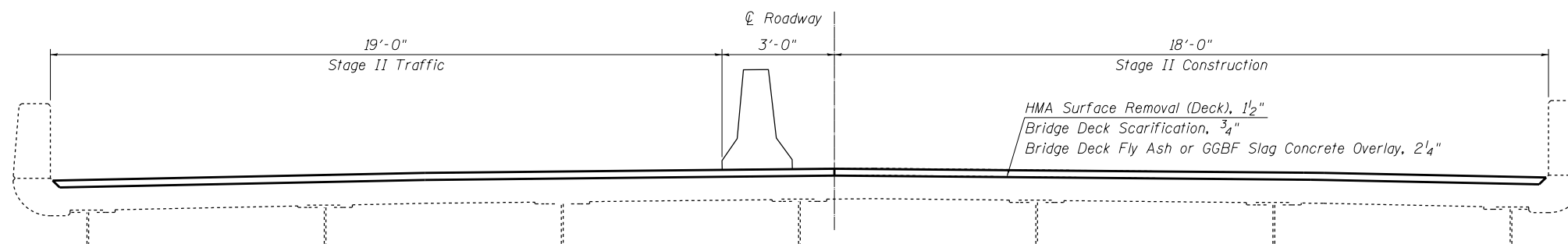
Protective coat is to be applied to the new concrete areas near the joints only.

TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	12.0
Concrete Superstructure	Cu. Yd.	12.0
Reinforcement Bars, Epoxy Coated	Pound	1700
Bar Splicers	Each	28
Preformed Joint Strip Seal	Foot	83
HMA Surface Removal, (Deck)	Sq Yd	959
Bridge Deck Scarification, 3/4"	Sq Yd	959
Bridge Deck Fly Ash or GGBF Slag Concrete Overlay, 2 1/4"	Sq Yd	959
Bridge Deck Grooving	Sq Yd	932
Protective Coat	Sq Yd	54
Deck Slab Repair (Full Depth, Type I)	Sq Yd	1
Deck Slab Repair (Full Depth, Type II)	Sq Yd	98
Floor Drains	Each	24
Plug Existing Deck Drains	Each	4
Protective Shield	Sq Ft	131
Elastomeric Bearing Assembly, Type II	Each	14
Jack and Remove Existing Bearings	Each	14
Furnishing and Erecting Structural Steel	Pound	1740
Anchor Bolts, 1"Ø	Each	28



STAGE I LOOKING NORTH

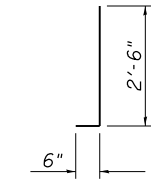


STAGE II LOOKING NORTH

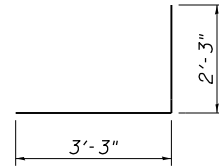
• (25-6-1)RS-8 & (13-1)RS-2
 •• EFFINGHAM & CLAY COUNTIES

FILE NAME =	USER NAME = teasleyck	DESIGNED - KLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & BILL OF MATERIALS SN. 025-0068 (SB)			F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / in.	CHECKED - MEA	REVISED -	CONTRACT NO. 74450									
PLOT DATE = 10/18/2012	DATE - 05/31/12	REVISED -	SCALE:		SHEET NO. 2 OF 22 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

Hatched area indicates removal.



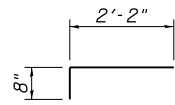
Bar d(E)



Bar d1(E)



Bar d2(E)

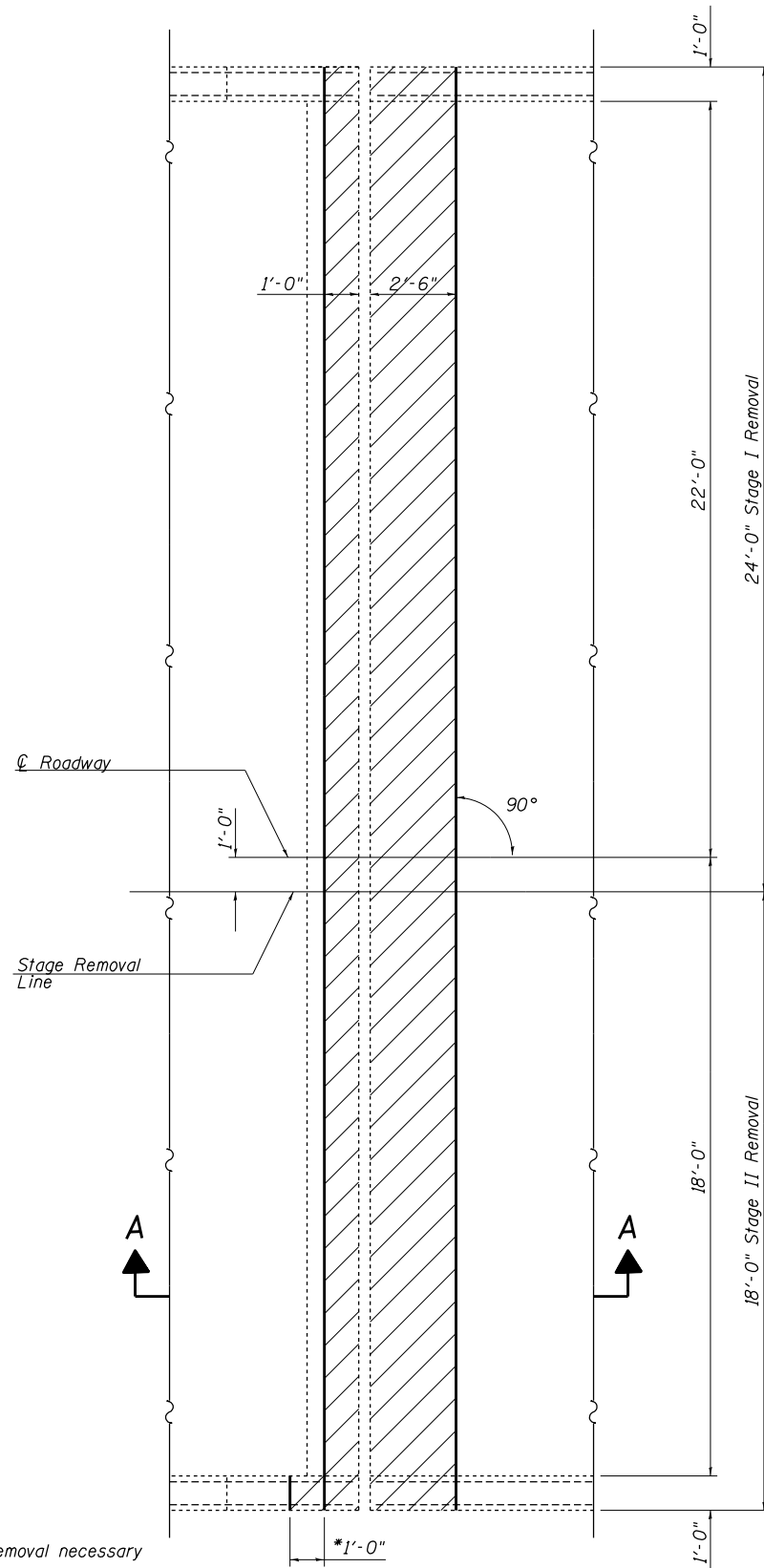


Bar x(E)

BILL OF MATERIAL

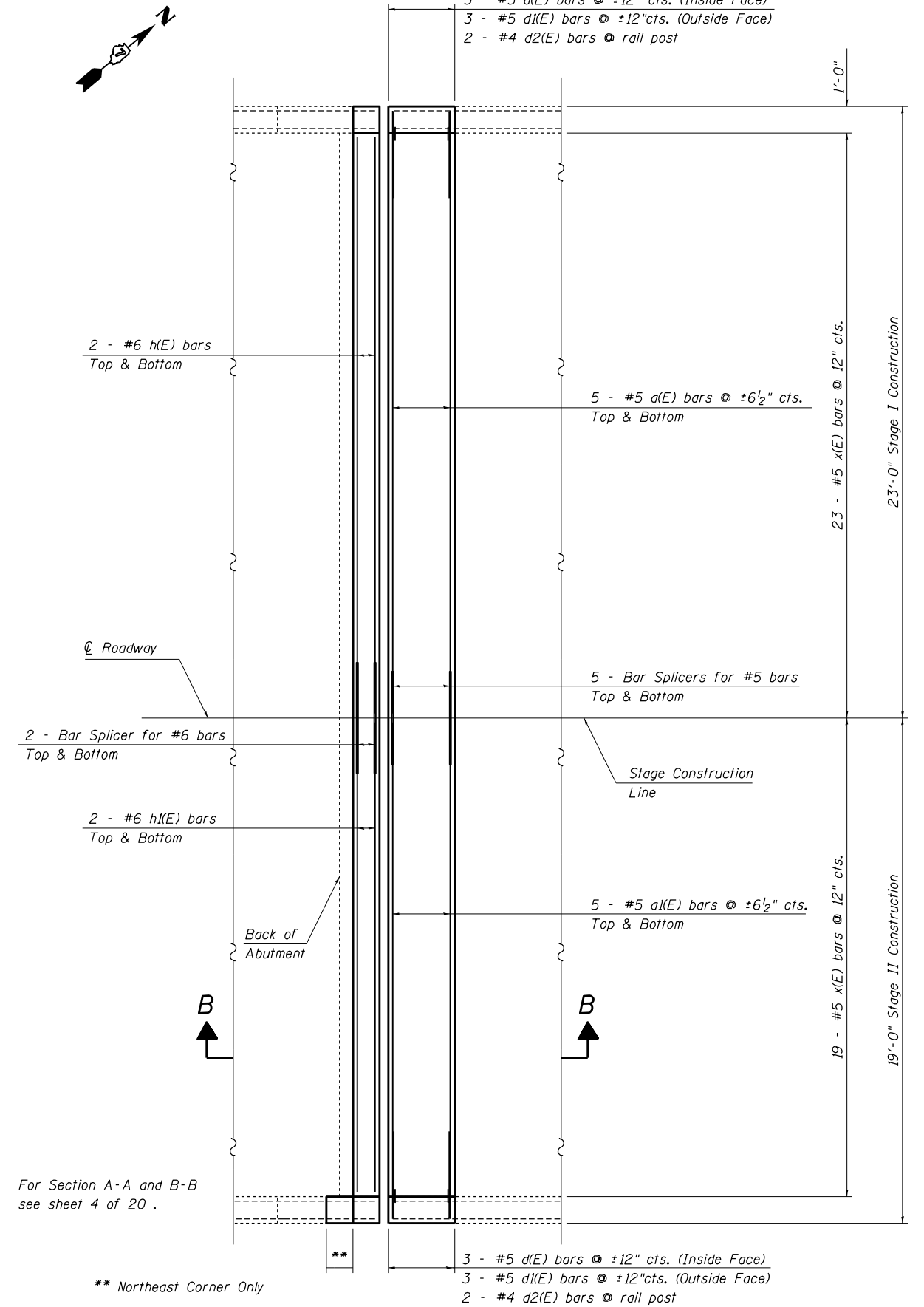
PER ABUTMENT

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
a (E)	10		10	#5	22'-8"	—
a1(E)		10	10	#5	18'-8"	—
d (E)	3	3	6	#5	3'-0"	J
d1(E)	3	3	6	#5	5'-6"	J
d2(E)	2	2	4	#4	2'-1"	□
h (E)	4		4	#6	21'-8"	—
h1(E)		4	4	#6	17'-8"	—
x (E)	23	19	42	#5	2'-10"	—
REINFORCEMENT BARS (EPOXY COATED)					POUND	850
CONCRETE REMOVAL					CU YD	6.0
CONCRETE SUPERSTRUCTURE					CU YD	6.0



*Additional removal necessary at the northeast corner to accommodate the nameplate.

EXISTING PARTIAL PLAN
(South Abutment shown; North Abutment similar)



** Northeast Corner Only

PROPOSED PARTIAL PLAN
(South Abutment shown; North Abutment similar)

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	PLOT SCALE = 40.0000' / in.	CHECKED - MEA	REVISED -
	PLOT DATE = 10/18/2012	DATE - 05/31/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

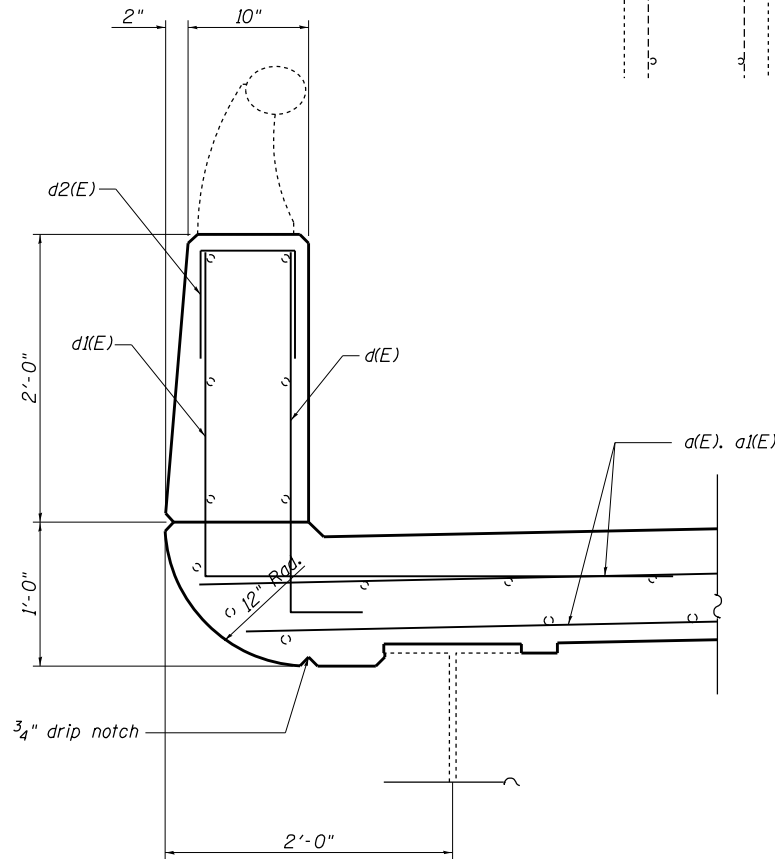
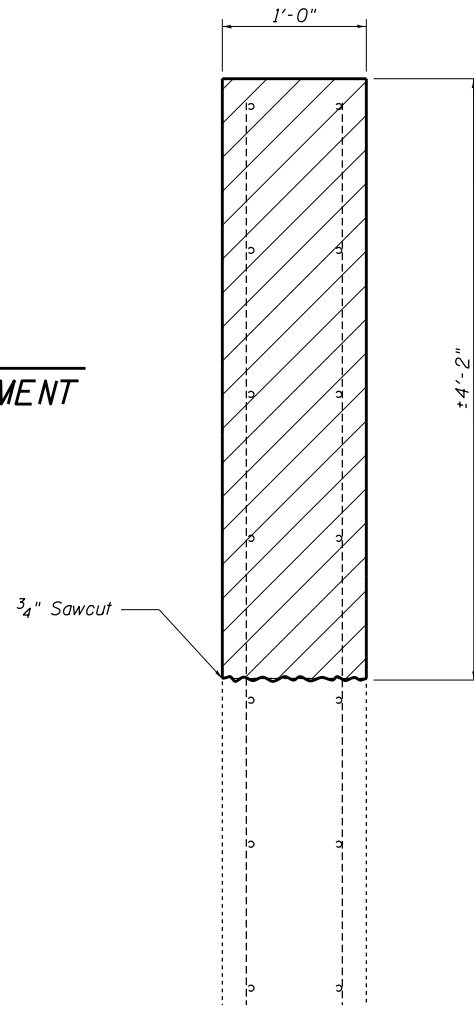
EXPANSION JOINT REPLACEMENT DETAILS
SN. 025-0068 (SB)

SCALE: SHEET NO. 3 OF 22 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	59
			CONTRACT NO. 74450	
ILLINOIS FED. AID PROJECT				

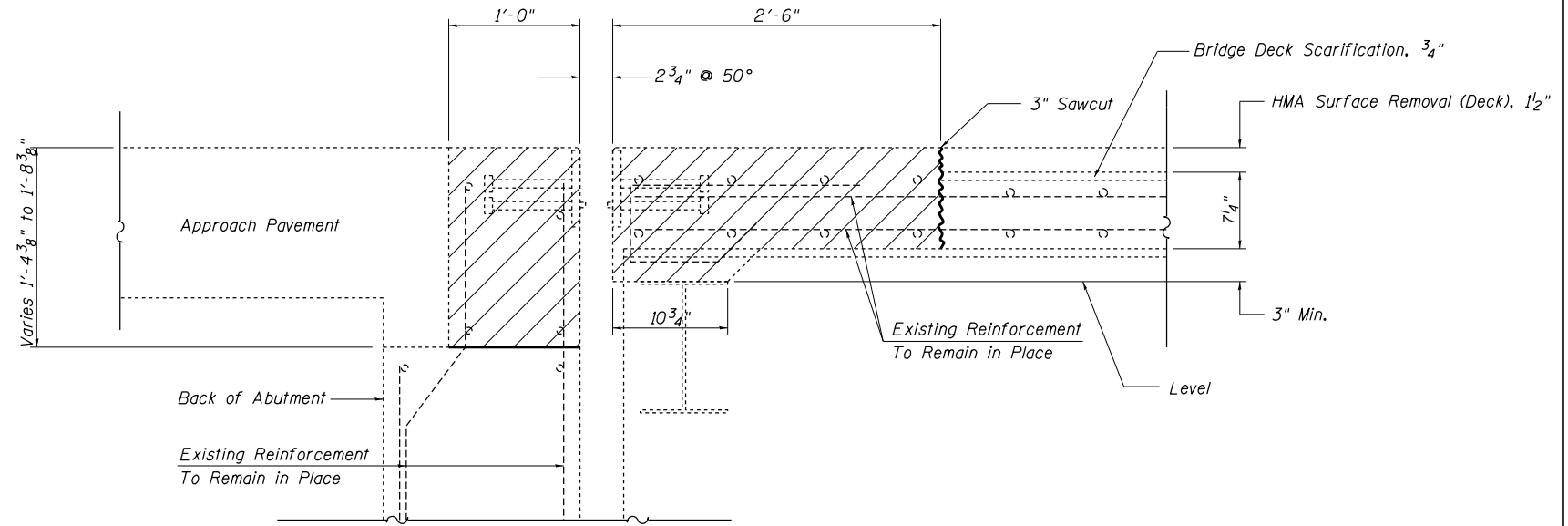
• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM & CLAY COUNTIES

**TYPICAL WINGWALL
REMOVAL AND REPLACEMENT**



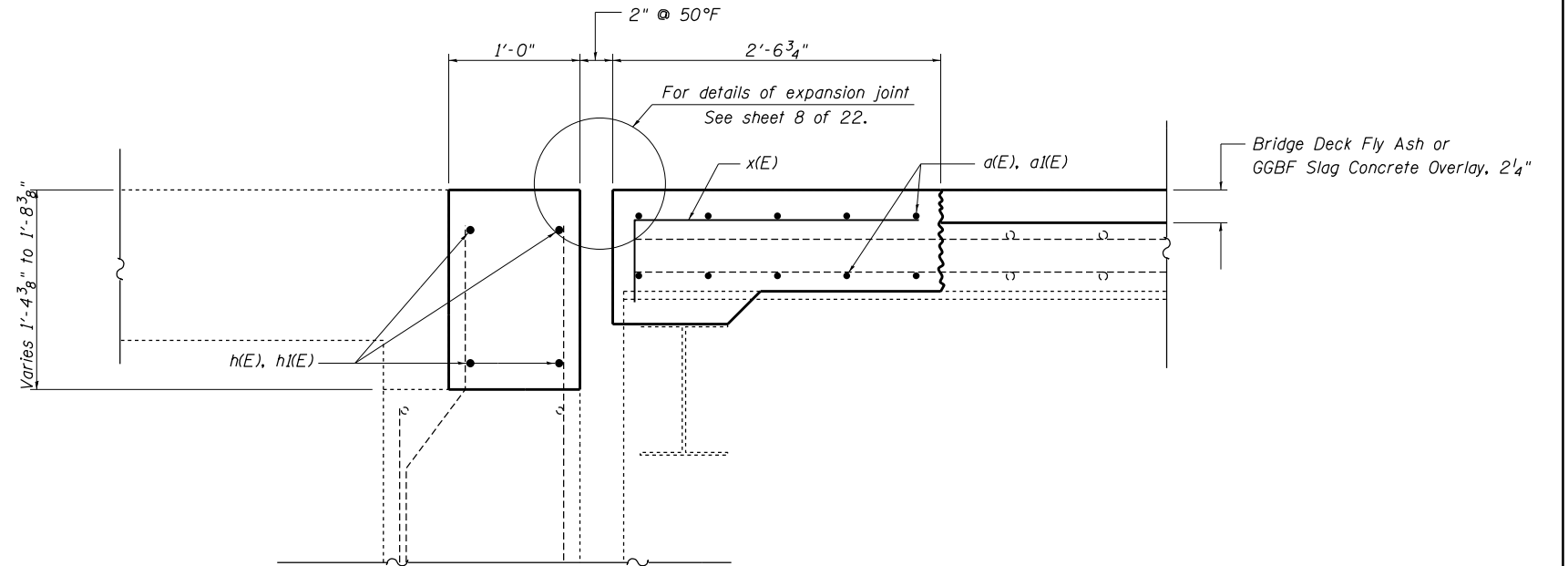
SECTION THRU PARAPET

Hatched area indicates removal.



SECTION A-A
(Dimensions at Rt. L's to end of deck)

- Existing Reinforcement
- Proposed Reinforcement



SECTION B-B
(Dimensions at Rt. L's to end of deck)

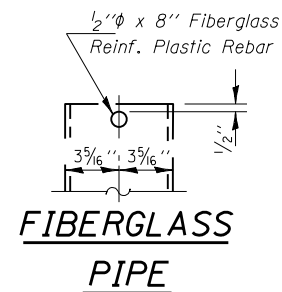
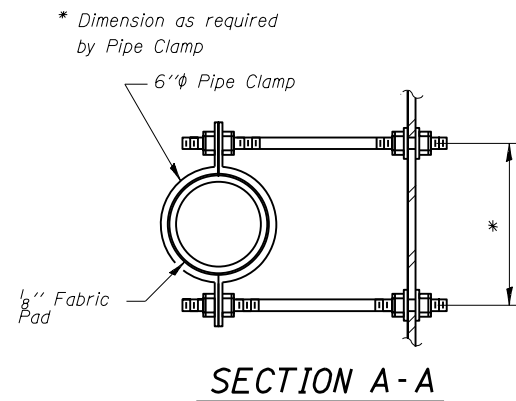
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	PLOT DATE = 10/18/2012	DATE - 05/31/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

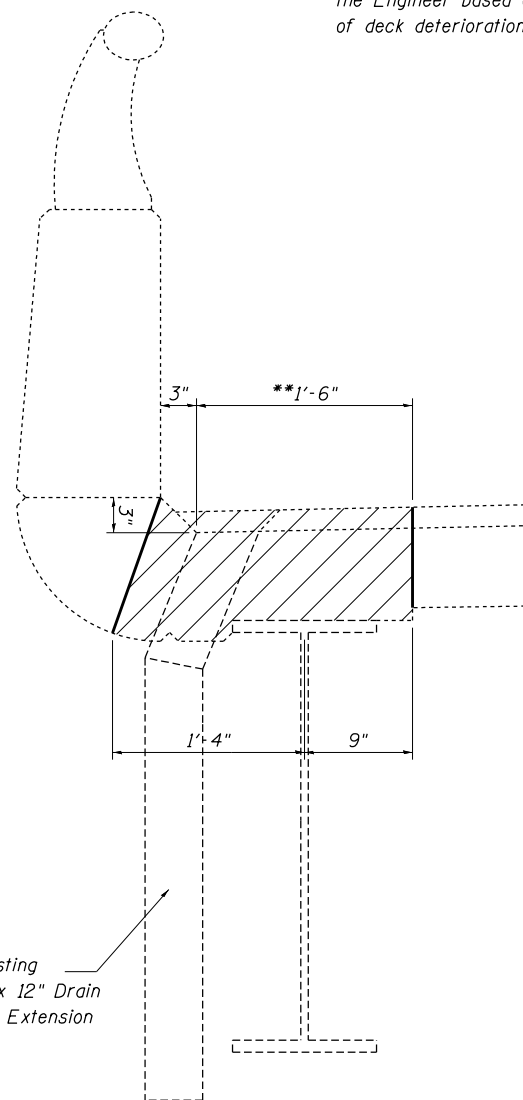
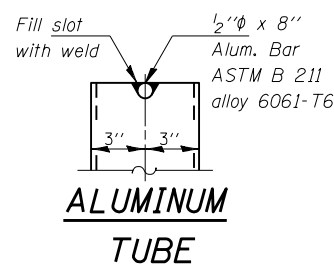
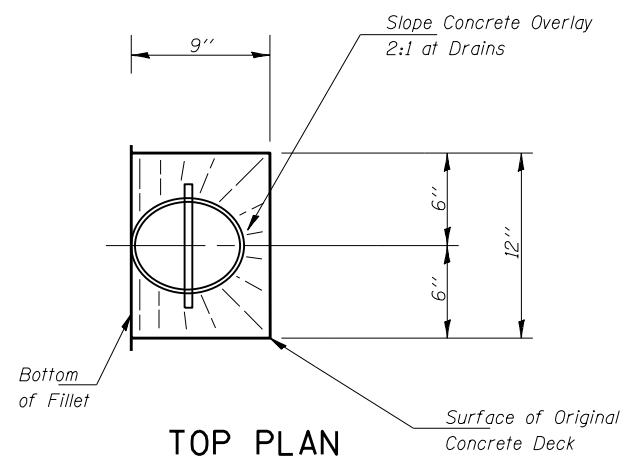
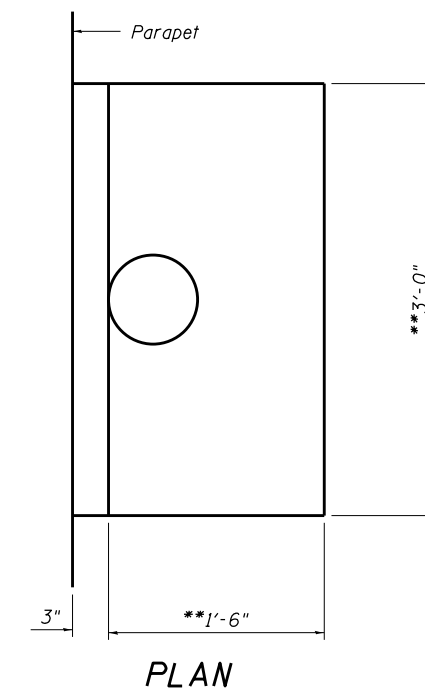
**EXPANSION JOINT REPLACEMENT DETAILS
SN. 025-0068 (SB)**

SCALE: SHEET NO. 4 OF 22 SHEETS STA. TO STA.

• (25-6-1)RS-8 & (13-1)RS-2 • EFFINGHAM & CLAY COUNTIES		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	••	84	60	CONTRACT NO. 74450	
ILLINOIS FED. AID PROJECT						



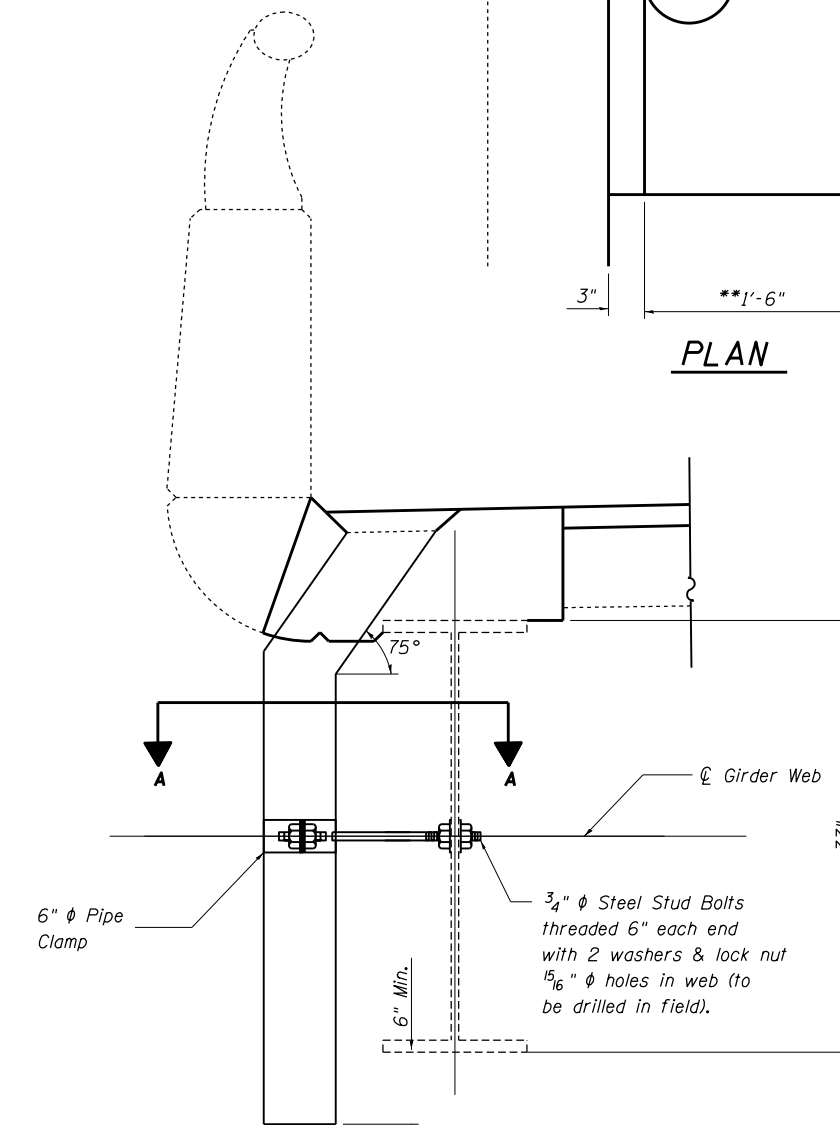
** Concrete removal and replacement dimensions shall be determined by the Engineer based on the extent of deck deterioration at each drain.



SECTION THRU EXISTING FLOOR DRAIN

Hatched area indicates concrete removal at floor drain replacement.

Note: Concrete removal and replacement quantities for drains are included in Deck Slab Repair as shown on "Bridge Deck Patching" plan sheets.

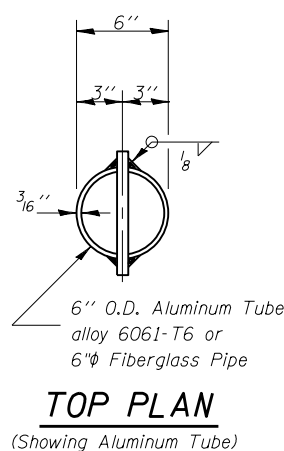
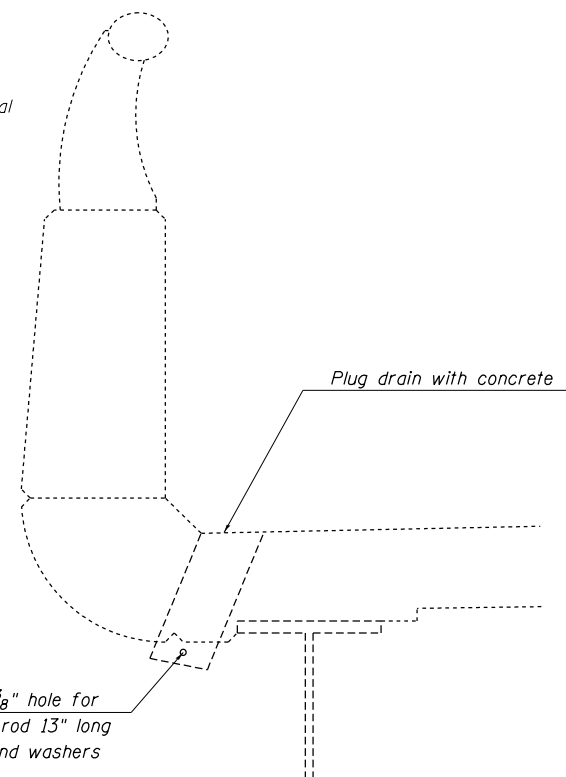


DRAIN REPLACEMENT DETAIL

Note: See "Bridge Deck Patching" plan sheets for Floor Drain replacement location and Plug Existing Deck Drain locations. See "Total Bill of Materials" for each structure for quantities.

Notes: The floor drains shall be painted to match the outside of the fascia beams. The exterior surfaces of the drains shall be cleaned according to Society of Protective Coatings Specification SSPC-SP1 prior to painting. Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum. Galvanize clamping device according to AASHTO M232. Cost of clamping device and galvanizing is included with Floor Drains.

(25-6-1)RS-8 & (13-1)RS-2
EFFINGHAM & CLAY COUNTIES



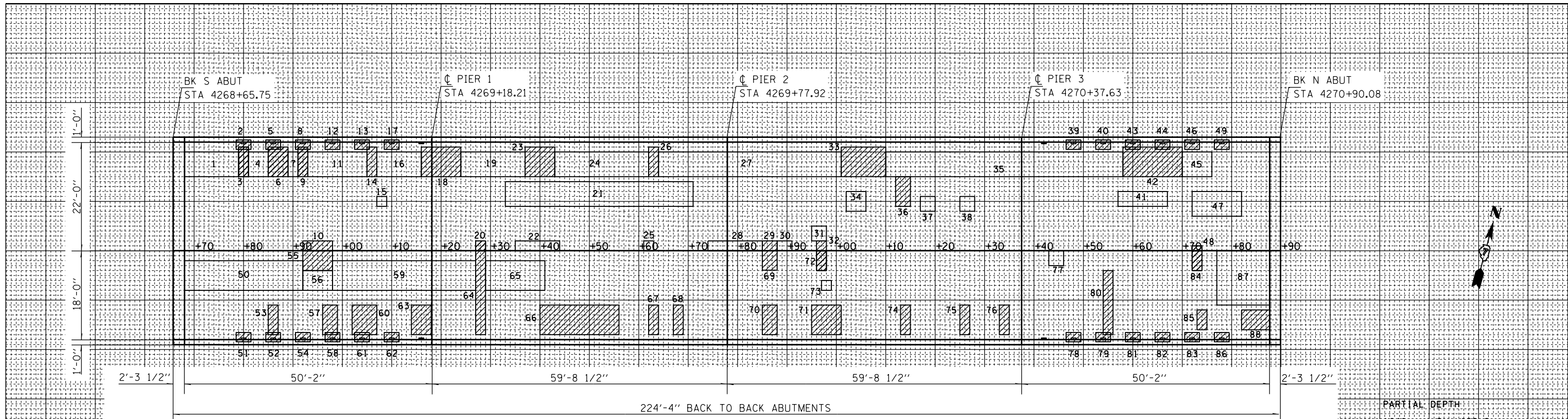
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	PLOT DATE = 10/18/2012	DATE - 05/31/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FLOOR DRAIN DETAILS
SN. 025-0068 (SB)

SCALE: SHEET NO. 5 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	61
			CONTRACT NO. 74450	
ILLINOIS FED. AID PROJECT				



DECK DRAIN TO BE REPLACED. QUANTITY = 24.0 EACH
 DECK DRAINS TO BE PLUGGED. QUANTITY = 14.0 EACH

PARTIAL DEPTH
 1640 / 9 = 182.2
 USE 182 50 YD
 FULL DEPTH, TYPE 1
 10 / 9 = 1.1
 USE 1 50 YD
 FULL DEPTH, TYPE 2
 884 / 9 = 98.2
 USE 98 50 YD

PATCH NO.	SIZE	DECK SLAB REPAIR (PART DEPTH)		
		SO FT	SO FT	SO FT
1	11.0 x 5.0	55.0		
2	3.0 x 1.9			5.7
3	2.0 x 6.0			12.0
4	4.0 x 5.0	20.0		
5	3.0 x 1.9			5.7
6	4.0 x 6.0			24.0
7	2.0 x 6.0	12.0		
8	3.0 x 1.9			5.7
9	2.0 x 6.0			12.0
10	6.0 x 2.0			12.0
11	12.0 x 5.0	60.0		
12	3.0 x 1.9			5.7
13	3.0 x 1.9			5.7
14	2.0 x 6.0			12.0
15	2.0 x 2.0	4.0		
16	9.0 x 4.0	36.0		
17	3.0 x 1.9			5.7
18	8.0 x 6.0			48.0

PATCH NO.	SIZE	DECK SLAB REPAIR (PART DEPTH)		
		SO FT	SO FT	SO FT
19	13.0 x 4.0	52.0		
20	2.0 x 2.0		4.0	
21	38.0 x 5.0	190.0		
22	9.0 x 2.0	18.0		
23	6.0 x 6.0			36.0
24	19.0 x 5.0	95.0		
25	2.0 x 2.0	4.0		
26	2.0 x 6.0			12.0
27	37.0 x 5.0	185.0		
28	11.0 x 2.0	22.0		
29	3.0 x 2.0			6.0
30	3.0 x 2.0	6.0		
31	3.0 x 3.0	9.0		
32	2.0 x 2.0		4.0	
33	9.0 x 6.0			54.0
34	4.0 x 4.0	16.0		
35	48.0 x 5.0	240.0		
36	3.0 x 6.0			18.0

PATCH NO.	SIZE	DECK SLAB REPAIR (PART DEPTH)		
		SO FT	SO FT	SO FT
37	3.0 x 3.0	9.0		
38	3.0 x 3.0	9.0		
39	3.0 x 1.9			5.7
40	3.0 x 1.9			5.7
41	10.0 x 3.0	30.0		
42	12.0 x 6.0			72.0
43	3.0 x 1.9			5.7
44	3.0 x 1.9			5.7
45	6.0 x 5.0	30.0		
46	3.0 x 1.9			5.7
47	10.0 x 5.0	50.0		
48	2.0 x 1.0		2.0	
49	3.0 x 1.9			5.7
50	14.0 x 6.0	84.0		
51	3.0 x 1.9			5.7
52	3.0 x 1.9			5.7
53	2.0 x 6.0			12.0
54	3.0 x 1.9			5.7

PATCH NO.	SIZE	DECK SLAB REPAIR (PART DEPTH)		
		SO FT	SO FT	SO FT
55	6.0 x 4.0			24.0
56	6.0 x 4.0	24.0		
57	3.0 x 6.0			18.0
58	3.0 x 1.9			5.7
59	29.0 x 6.0	174.0		
60	5.0 x 6.0			30.0
61	3.0 x 1.9			5.7
62	3.0 x 1.9			5.7
63	4.0 x 6.0			24.0
64	2.0 x 17.0			34.0
65	12.0 x 6.0	72.0		
66	16.0 x 6.0			96.0
67	2.0 x 6.0			12.0
68	2.0 x 6.0			12.0
69	3.0 x 4.0			12.0
70	3.0 x 3.0			9.0
71	6.0 x 6.0			36.0
72	2.0 x 4.0			8.0

PATCH NO.	SIZE	DECK SLAB REPAIR (PART DEPTH)		
		SO FT	SO FT	SO FT
73	2.0 x 2.0	4.0		
74	2.0 x 6.0			12.0
75	2.0 x 6.0			12.0
76	2.0 x 6.0			12.0
77	3.0 x 3.0	9.0		
78	3.0 x 1.9			5.7
79	3.0 x 1.9			5.7
80	2.0 x 13.0			26.0
81	3.0 x 1.9			5.7
82	3.0 x 1.9			5.7
83	3.0 x 1.9			5.7
84	2.0 x 4.0			8.0
85	2.0 x 4.0			8.0
86	3.0 x 1.9			5.7
87	11.0 x 11.0	121.0		
88	6.0 x 4.0			24.0
TOTAL		1640	10	884

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.

PATCHING LEGEND
 (FOR INFORMATION ONLY)
 PARTIAL DEPTH
 FULL DEPTH

DATE OF SURVEY: 5-10-12
 SURVEY BY: MEA, KLB
 METHOD OF SURVEY: VISUAL

BRIDGE DECK PATCHING
 EFFINGHAM COUNTY
 FAI ROUTE 57 SBL OVER
 CH 27 AND B&O RR
 EDGEWOOD INTERCHANGE

SN 025-0068

• (25-6-1)RS-8 & (13-1)RS-2
 • EFFINGHAM & CLAY COUNTIES

068

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 PLOT SCALE = 100.0000' / 1"

DESIGNED - KLB
 DRAWN - KLB
 CHECKED - MEA
 DATE - 05/31/12

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE DECK PATCHING
SN. 025-0068 (SB)

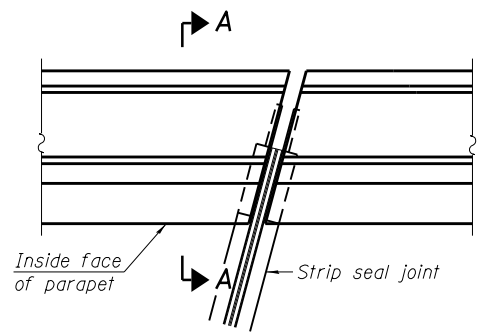
SCALE: SHEET NO. 6 OF 22 SHEETS STA. TO STA.

F.A.I. RTE. 57 SECTION COUNTY ILLINOIS
 TOTAL SHEET NO. 84 SHEETS NO. 62
 CONTRACT NO. 74450
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

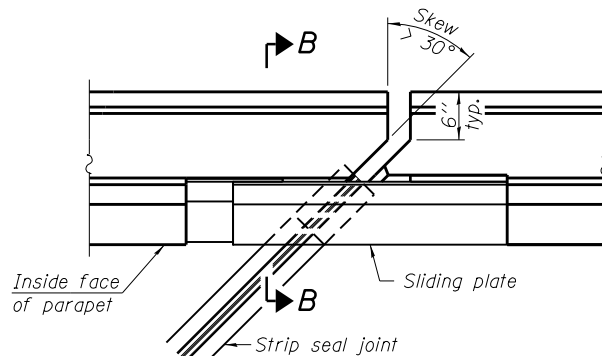
BEARING

• (25-6-DRS-8 & (13-DRS-2
 •• EFFINGHAM & CLAY COUNTIES

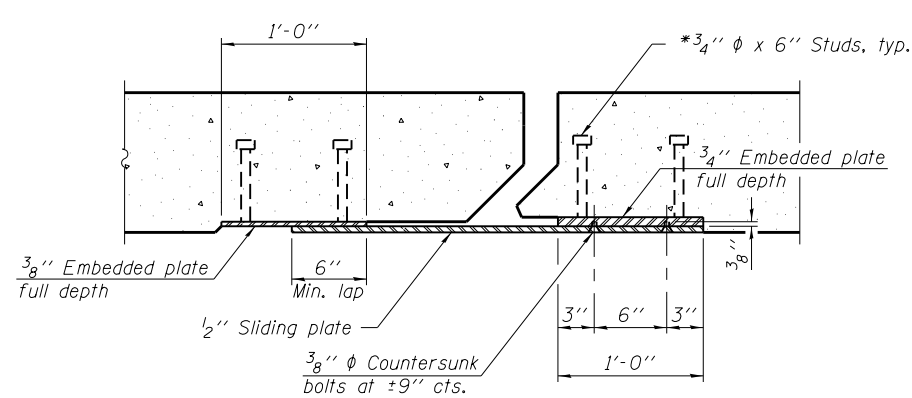
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -													
	PLOT DATE = 10/18/2012	DATE -	REVISED -													



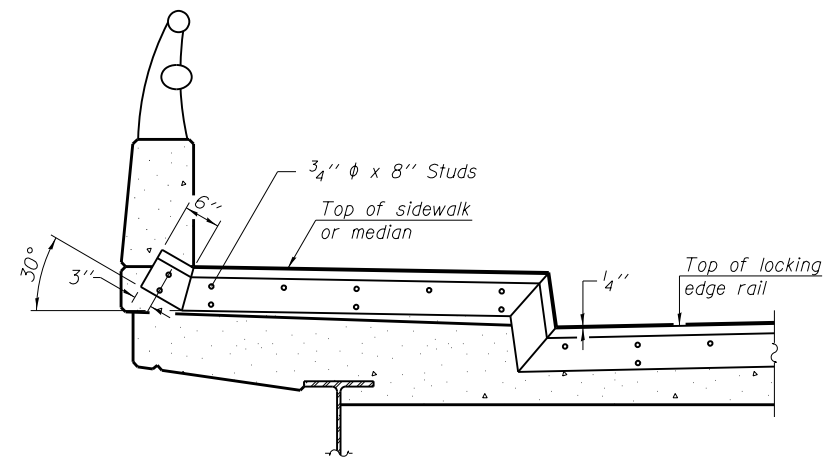
PLAN
(For skews $\leq 30^\circ$)



PLAN
(For skews $> 30^\circ$)
Showing point block

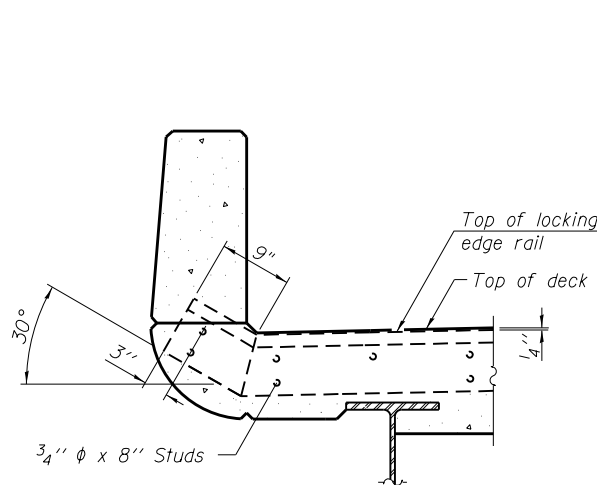


SECTION C-C

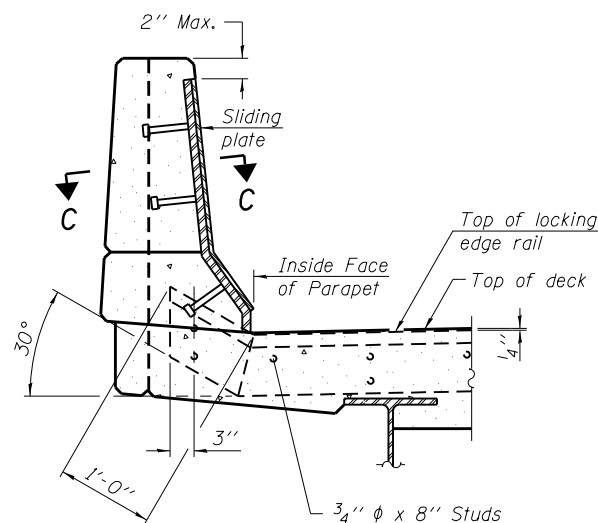


TYPICAL END TREATMENT AT SIDEWALK OR MEDIAN

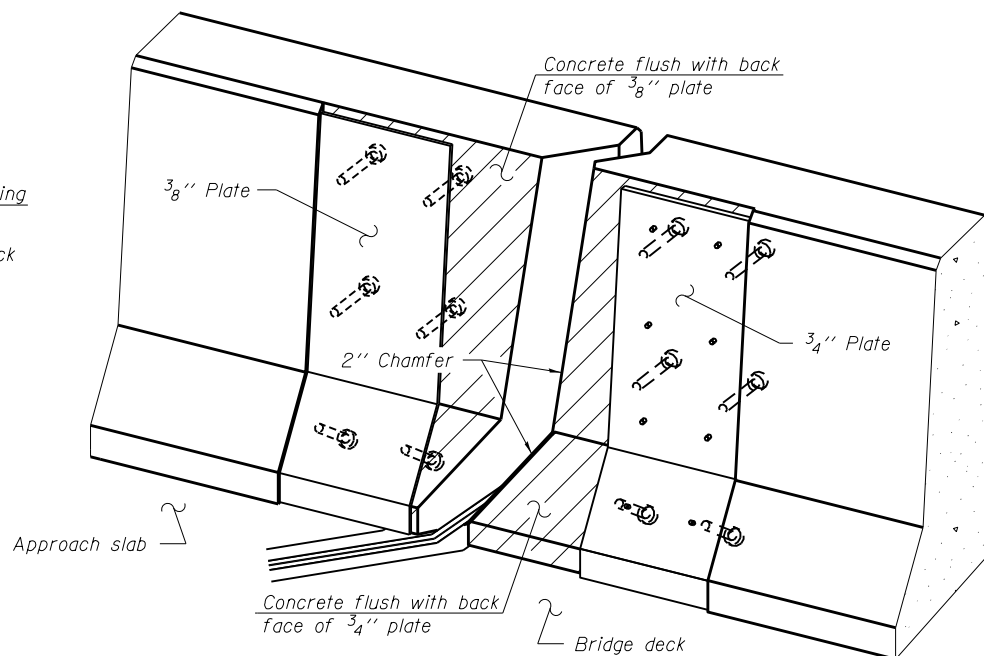
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.



SECTION A-A



SECTION B-B



TRIMETRIC VIEW
(Showing back plates only)

Notes:
The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities.

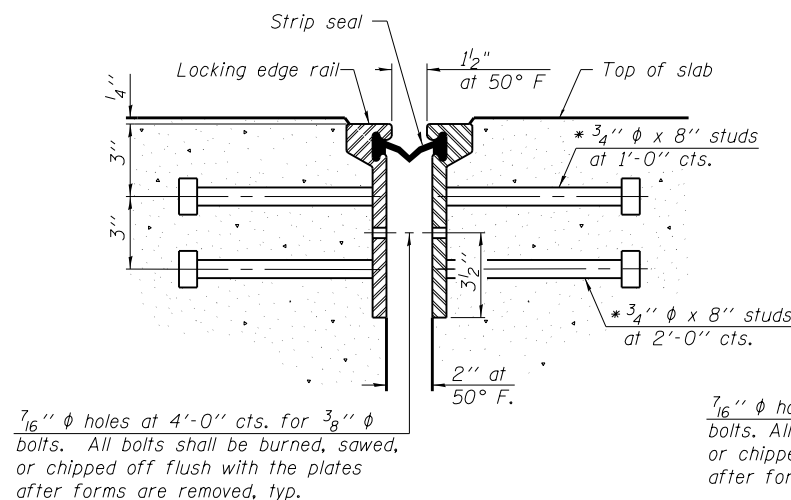
The manufacturer's recommended installation methods shall be followed.

The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

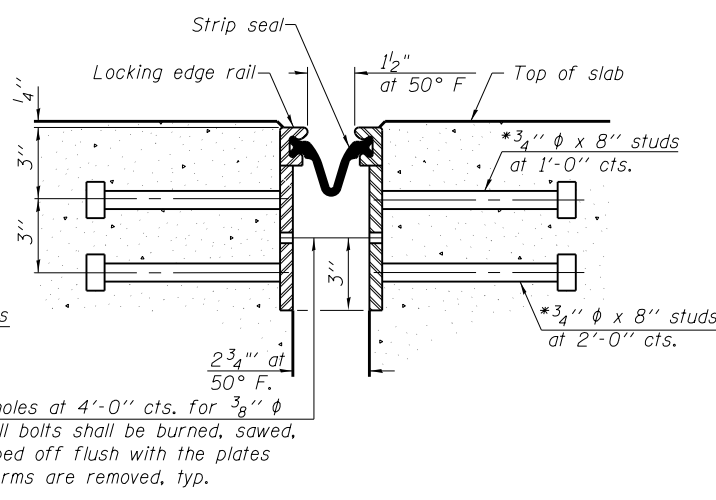
Maximum space between rail segments shall be 3/16", sealed with a suitable sealant. Joints in rails within 10 ft. of curbs shall be welded.

Parapet plates and anchorage studs for skews $> 30^\circ$ included in the cost of Preformed Joint Strip Seal.



SECTION THRU ROLLED RAIL JOINT

7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

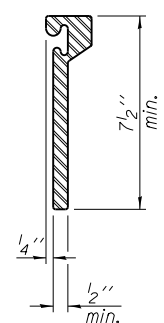


SECTION THRU WELDED RAIL JOINT

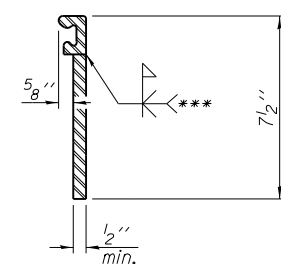
7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

ROLLED EXTRUDED RAIL



WELDED RAIL



*** Back gouge not required if complete joint penetration is verified by mock-up.

LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

LOCKING EDGE RAILS

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	83

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM & CLAY COUNTIES

EJ-SSJ

1-27-12

FILE NAME =	USER NAME = teasleyck	DESIGNED - KLB	REVISED -
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		CHECKED - MEA	REVISED -
		DATE - 05/31/12	REVISED -

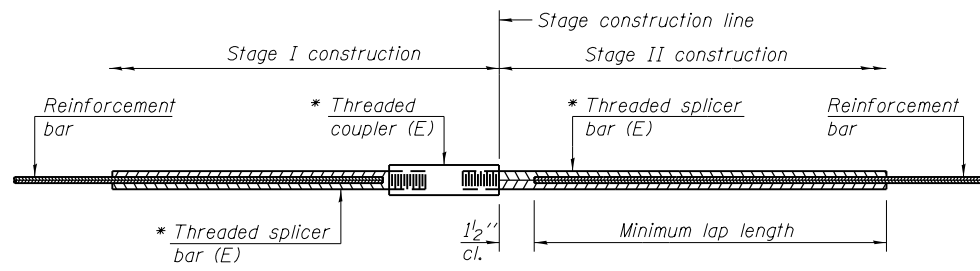
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 025-0068 (SB)

SCALE: SHEET NO. 8 OF 22 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	64
			CONTRACT NO. 74450	

ILLINOIS FED. AID PROJECT



STANDARD BAR SPLICER ASSEMBLY

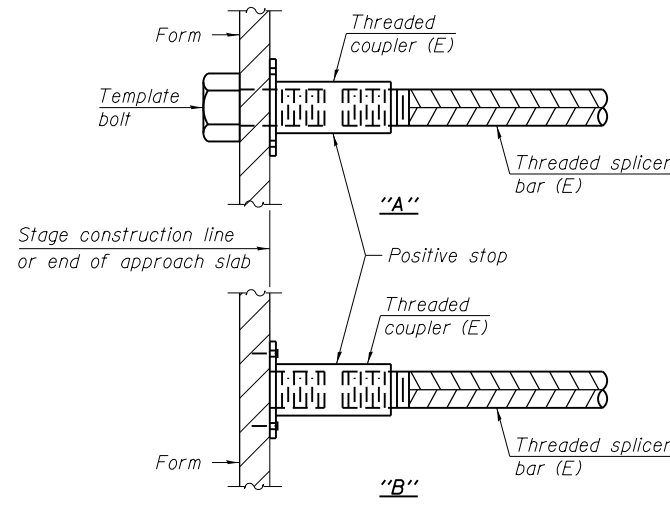
Bar size to be spliced	Minimum Lap Lengths					
	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	6'-5"	6'-10"	7'-9"	8'-7"	9'-8"

- Table 1: Black bar, 0.8 Class C
- Table 2: Black bar, Top bar lap, 0.8 Class C
- Table 3: Epoxy bar, 0.8 Class C
- Table 4: Epoxy bar, Top bar lap, 0.8 Class C
- Table 5: Epoxy bar, Class C
- Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length + 1/2" + thread length

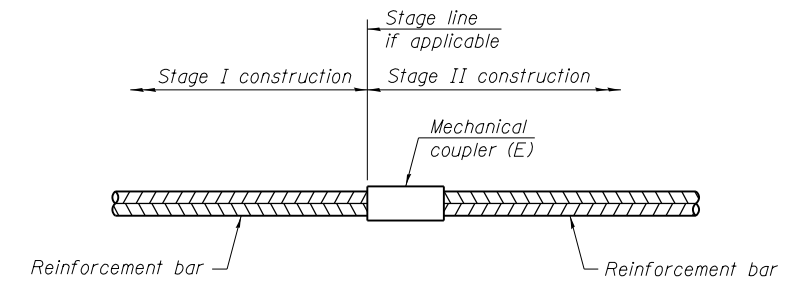
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
025-0068	#5	20	Table 3
025-0068	#6	8	Table 3



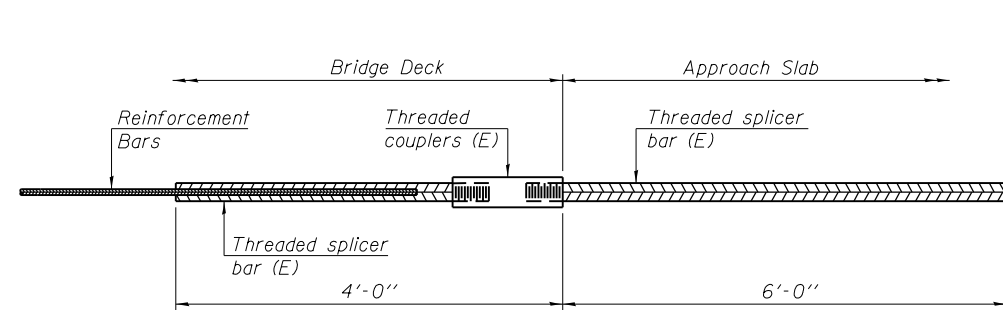
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



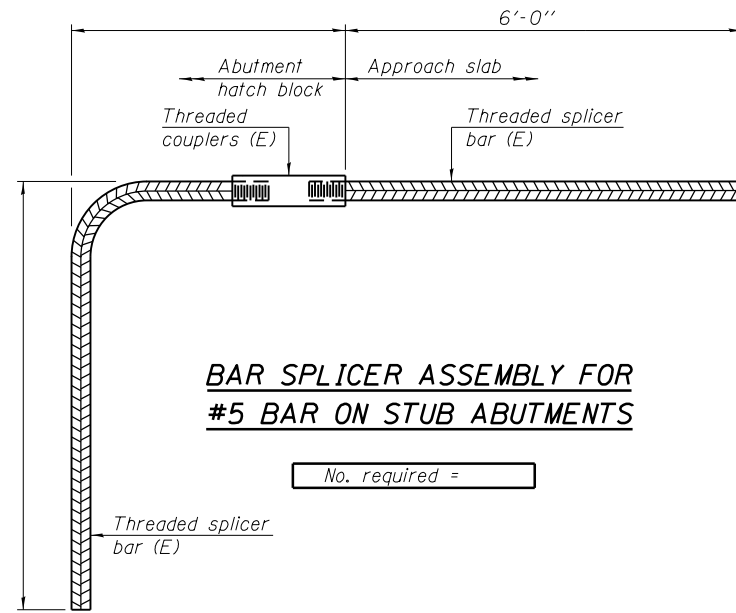
STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required =



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

NOTES
 Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

1-27-12

FILE NAME =	USER NAME = teasleyck	DESIGNED - KLB	REVISED -
		DRAWN - KLB	REVISED -
		CHECKED - MEA	REVISED -
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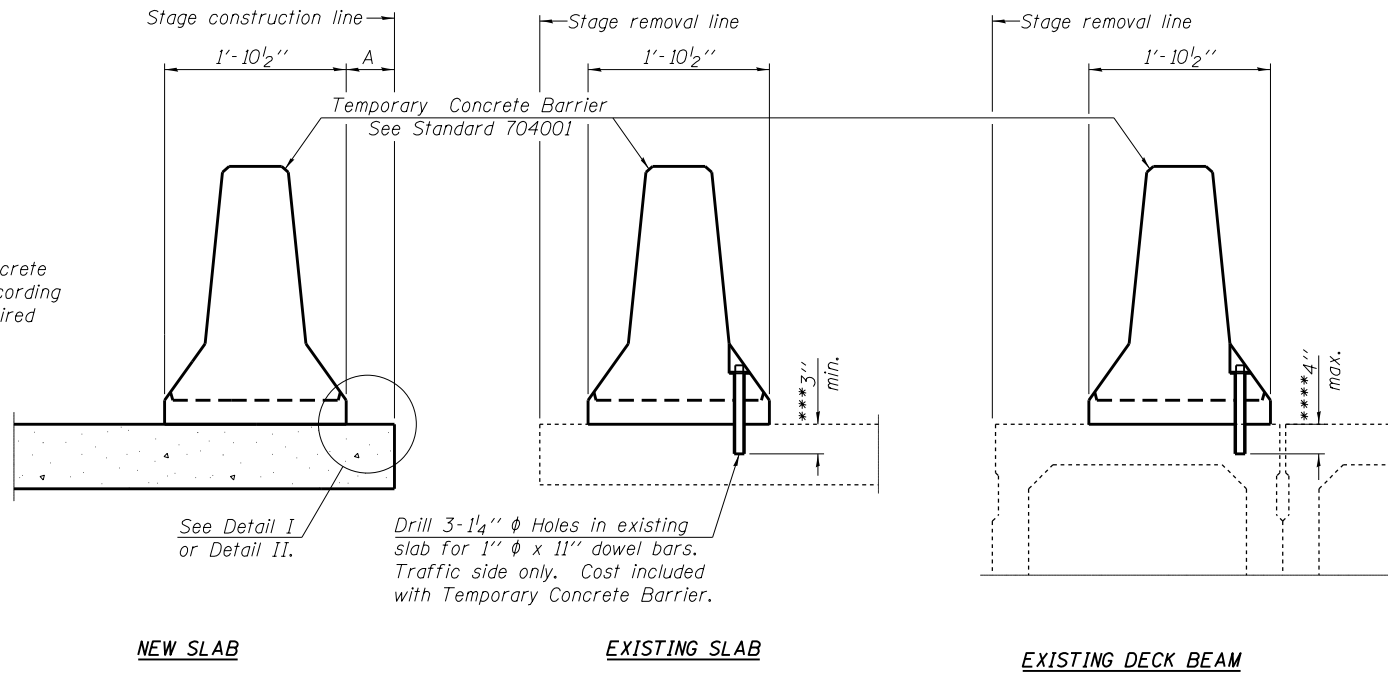
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
 STRUCTURE NO. 025-0068 (SB)**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	65
CONTRACT NO. 74450			ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. 9 OF 22 SHEETS STA. TO STA.

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



SECTIONS THRU SLAB OR DECK BEAM

NOTES

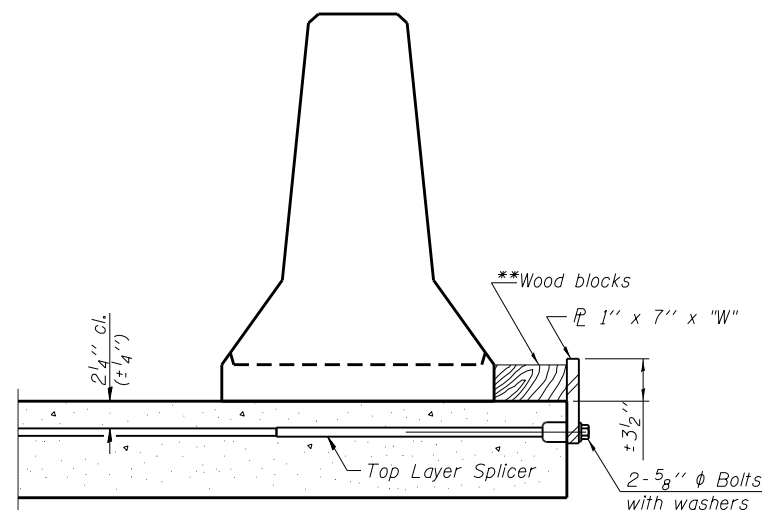
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7" x "W" steel PL to the top layer of couplers with 2-5/8" φ bolts screwed to coupler at approximate C of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel PL to the concrete slab or concrete wearing surface with 2-5/8" φ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate C of each barrier panel.

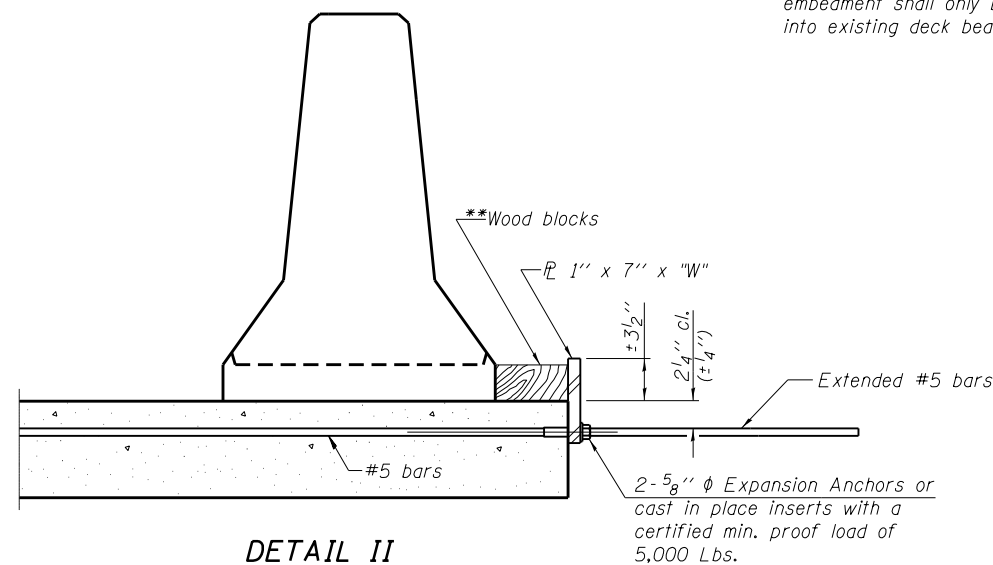
Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

*** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

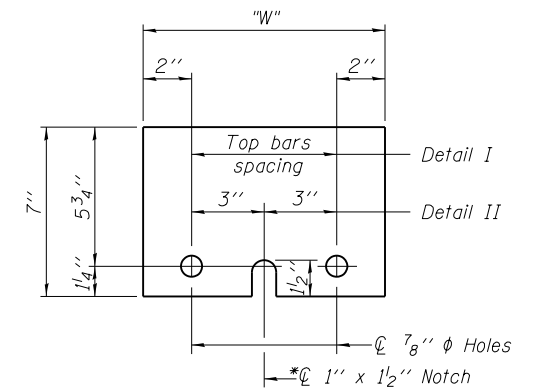
**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



STEEL RETAINER PL 1" x 7" x "W"

* Required only with Detail II

** Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"

R-27

7-1-10

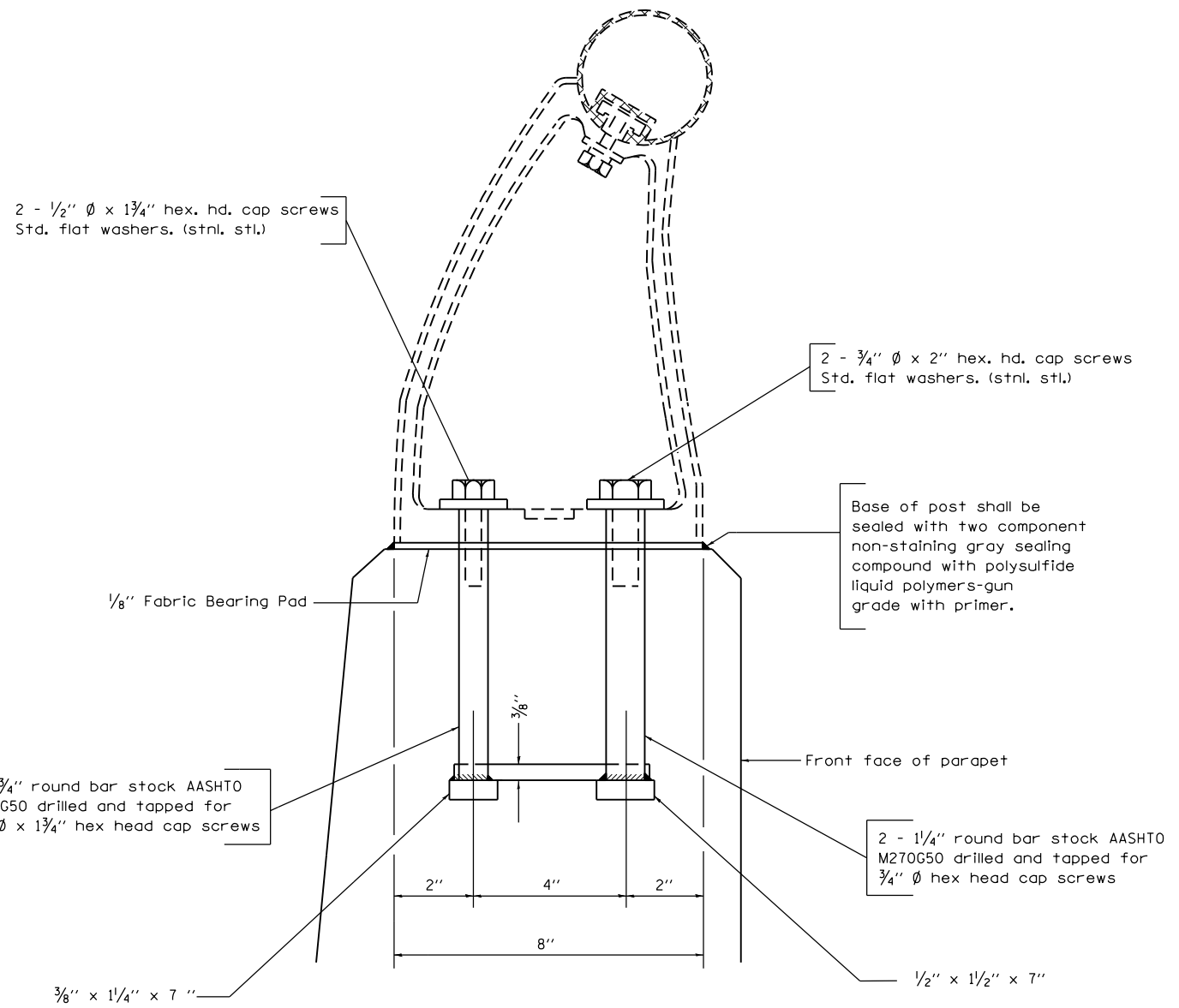
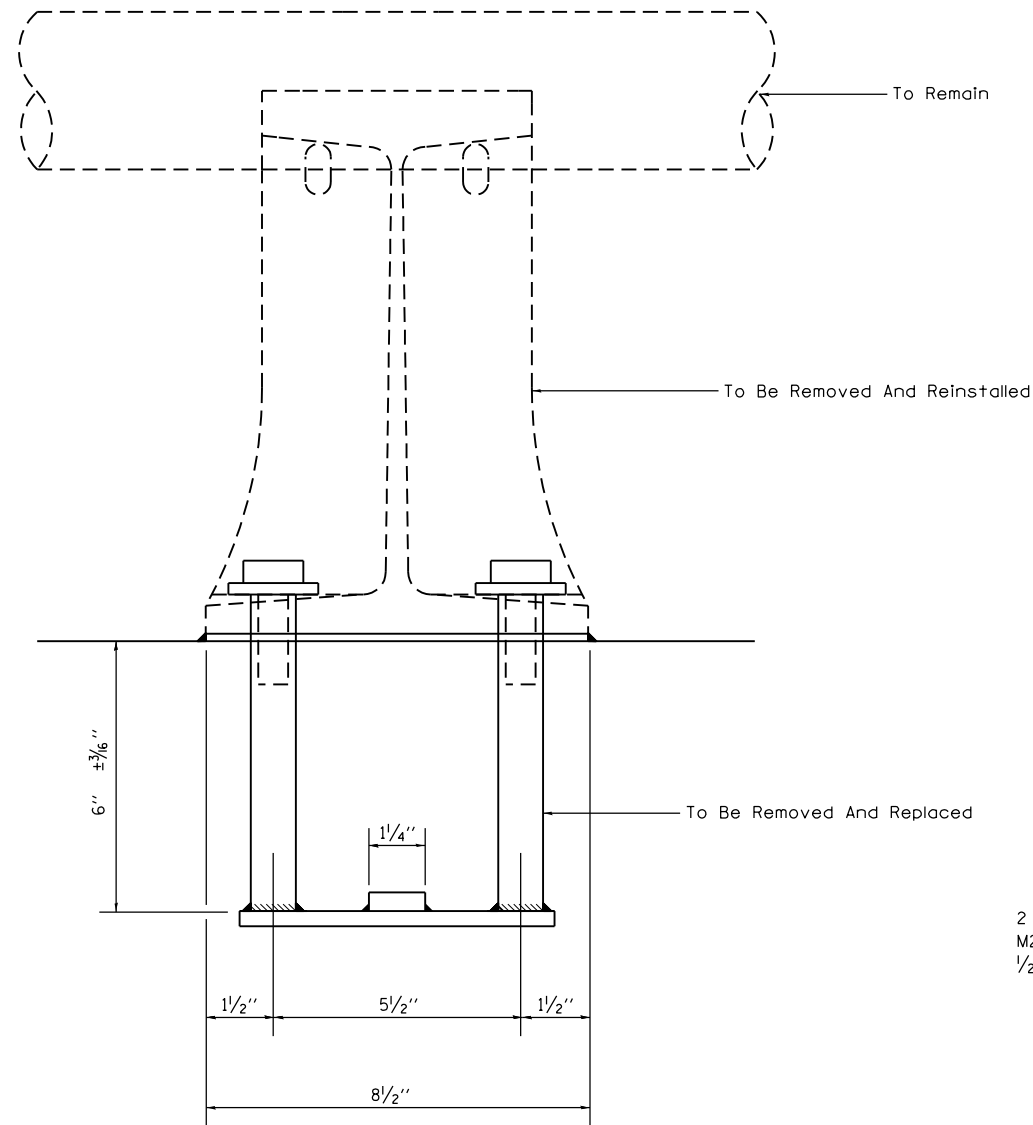
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PLOT SCALE = 40.0000' / in.		CHECKED - MEA	REVISED -
PLOT DATE = 10/18/2012		DATE - 05/31/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION STRUCTURE NO. 025-0068 (SB)			
SCALE:	SHEET NO. 10 OF 22 SHEETS	STA.	TO STA.

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM & CLAY COUNTIES

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	66
			CONTRACT NO. 74450	
ILLINOIS FED. AID PROJECT				



Note: New Rail Post anchorage devices will be required at each location where posts are connected to new construction. Cost shall be included with Concrete Superstructure.

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM & CLAY COUNTIES

FILE NAME =	USER NAME = teasleyck	DESIGNED - KLB	REVISED -
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	PLOT DATE = 10/18/2012	DATE - 05/31/12	REVISED -

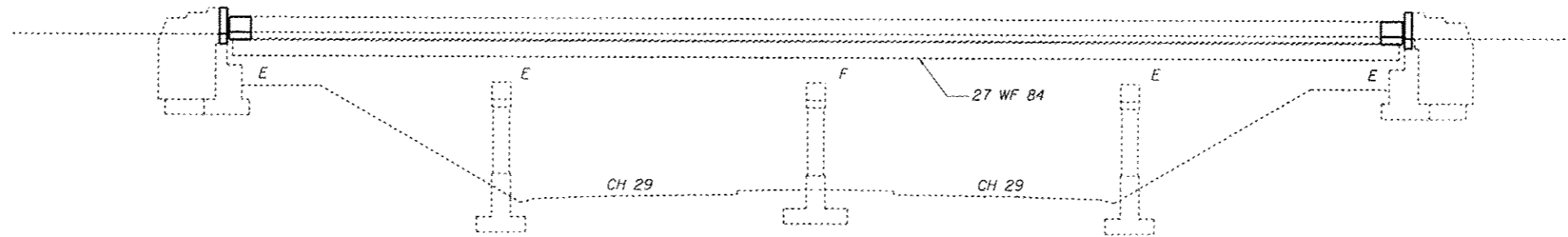
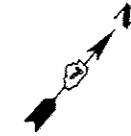
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAIL SUPPORT ANCHOR DETAILS
SN. 025-0068 (SB)**

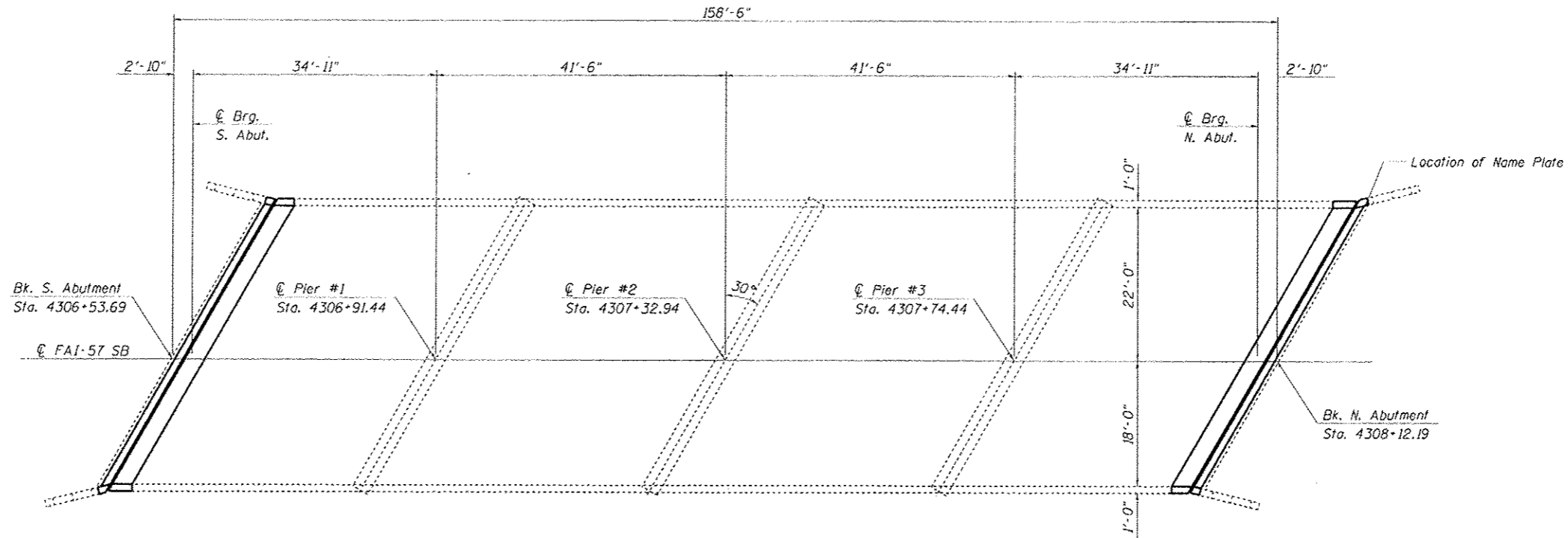
SCALE: SHEET NO. 11 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	67
			CONTRACT NO. 74450	
ILLINOIS FED. AID PROJECT				

The existing four span continuous steel multi-beam structure was constructed in 1969 as FAI-57 section 25-6HB-2 at Sta. 4307+05.80. SN. 025-0070 carries FAI-57 (Interstate 57 Southbound). The proposed project consists of new expansion joints, new elastomeric bearings and new deck drains.



ELEVATION



PLAN



David Carl Puze 2/21/13
Expires 11/30/14

EXISTING DESIGN STRESSES
 $f_c = 1400$ psi. (Super. & Sub.)
 $f_s = 20,000$ psi. (Reinf.)
 $f_s = 20,000$ psi. (Struct.)
 $vc = 75$ psi. (Footings)
 $n = 10$

NEW DESIGN STRESSES
 $f_c = 3500$ psi. (Concrete)
 $f_y = 60,000$ psi. (Reinf.)
 $f_y = 36,000$ psi. (Structural Steel)

Loading: HS 20-44 and Alternate

• 125-6-1RS-8 & 113-1RS-2
 • EFFINGHAM & CLAY COUNTIES

FILE NAME: \\work\p\ids\sewlejeh\0181558\077	USER NAME: sewlejeh	DESIGNED: KLB	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION SN. 025-0070 (SB)		F.A.I. RTE. 57	SECTION	COUNTY	TOTAL SHEETS 84	SHEET NO. 68	
4450\shs\br\p\ngf-0250070.dgn		DRAWN: KLB	REVISED:		SCALE:	SHEET NO. 12 OF 22 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
		CHECKED: MEA	REVISED:									
		DATE: 05/31/12	REVISED:									

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Reinforcement Bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be replaced using an approved bar splicer or anchorage system. Cost included in CONCRETE REMOVAL.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on as-built plans.

Removal and reinstallation of the nameplate and handrail sections and support posts at both abutments will be necessary for construction of the expansion joints and floor drain replacements. The existing handrail sections and support posts shall be reused. New bolts, shim plates, and post support anchor assemblies, as detailed in the plans, are to be provided and installed for the reinstallation of the handrail and supports. This work and all materials shall be included in the contract unit price for CONCRETE SUPERSTRUCTURE.

Prior to pouring the new concrete deck, all heavy and loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel, and the cost will be included in the pay item covering removal of the existing concrete.

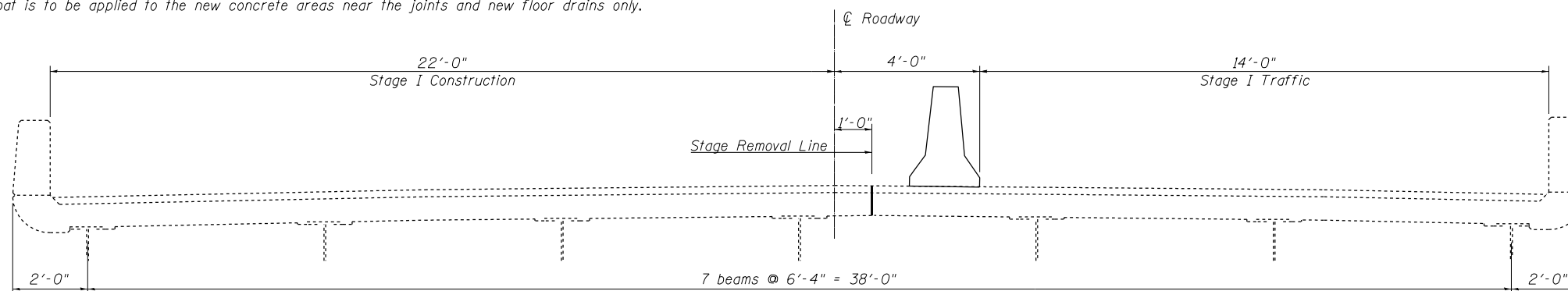
The removal and reinstallation of the first section of guardrail at each abutment to allow construction of the north expansion joint shall be included in the contract unit price for CONCRETE SUPERSTRUCTURE.

All structural steel shall conform to AASHTO Classification M-270 Gr. 36 unless otherwise noted.

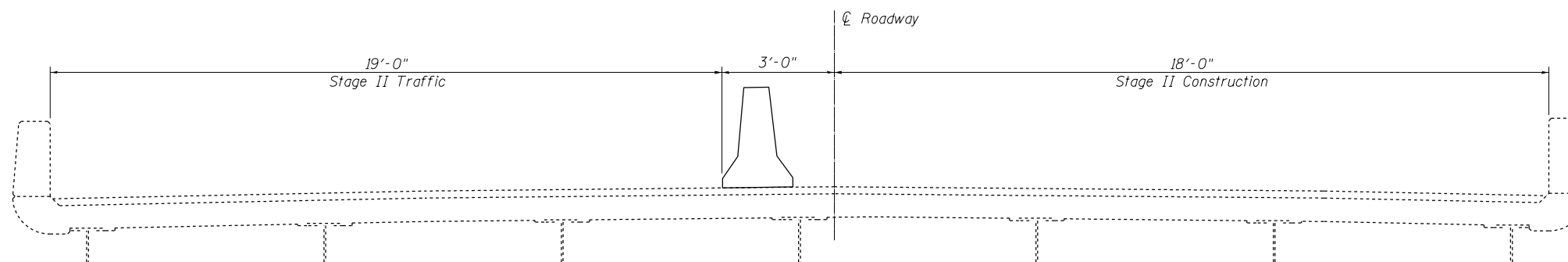
Protective Coat is to be applied to the new concrete areas near the joints and new floor drains only.

TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	15.8
Concrete Superstructure	Cu. Yd.	15.8
Reinforcement Bars, Epoxy Coated	Pound	1940
Bar Splicers	Each	28
Preformed Joint Strip Seal	Foot	96
Protective Coat	Sq Yd	34
Deck Slab Repair (Full Depth, Type II)	Sq Yd	10
Floor Drains	Each	16
Elastomeric Bearing Assembly, Type II	Each	14
Jack and Remove Existing Bearings	Each	14
Furnishing and Erecting Structural Steel	Bauhd	1270
Anchor Bolts, 1"φ	Each	28



STAGE I LOOKING NORTH



STAGE II LOOKING NORTH

FILE NAME =	USER NAME = teasleyck	DESIGNED - KLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & BILL OF MATERIALS SN. 025-0070 (SB)			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\teasleyck\d0181558\0774450-sht-brgennote-0250070.dgn	DRAWN - KLB	REVISED -	57					.	**	84	69	
PLOT SCALE = 40.0000' / in.	CHECKED - MEA	REVISED -	CONTRACT NO. 74450									
PLOT DATE = 10/18/2012	DATE - 05/31/12	REVISED -	ILLINOIS FED. AID PROJECT									

• (25-6-1)RS-8 & (13-1)RS-2
•• EFFINGHAM & CLAY COUNTIES

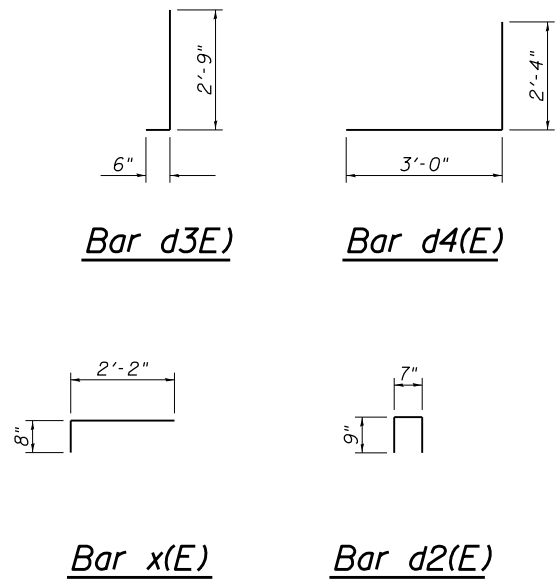
SCALE: SHEET NO. 13 OF 22 SHEETS STA. TO STA.

BILL OF MATERIAL

PER ABUTMENT

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
a2(E)	10		10	#5	26'-2"	—
a3(E)		10	10	#5	21'-6"	—
d2(E)	2	2	4	#4	2'-1"	□
d3(E)	3	3	6	#5	3'-3"	J
d4(E)	3	3	6	#5	5'-4"	J
h2(E)	4		4	#6	25'-0"	—
h3(E)		4	4	#6	20'-4"	—
x(E)	25	21	46	#5	2'-10"	┘
REINFORCEMENT BARS (EPOXY COATED)					POUND	970
CONCRETE REMOVAL					CU YD	7.9
CONCRETE SUPERSTRUCTURE					CU YD	7.9

Note: Trim existing longitudinal reinforcement to accommodate the new joint opening (Typ.)



Bar d3(E)

Bar d4(E)

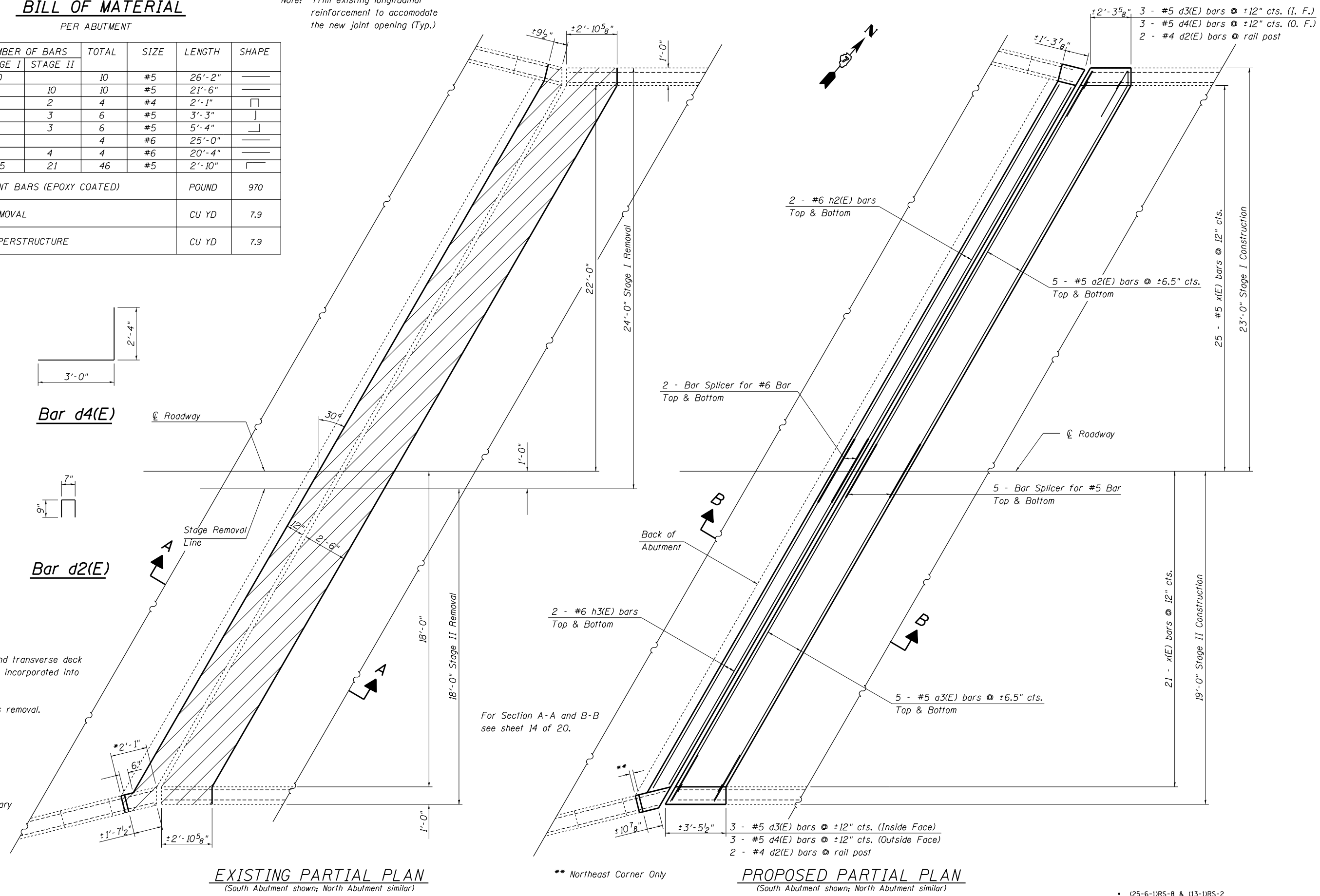
Bar x(E)

Bar d2(E)

Existing longitudinal and transverse deck reinforcement shall be incorporated into new construction.

Hatched area indicates removal.

* Additional removal necessary at the northeast corner to accommodate the nameplate.



EXISTING PARTIAL PLAN
(South Abutment shown; North Abutment similar)

** Northeast Corner Only

PROPOSED PARTIAL PLAN
(South Abutment shown; North Abutment similar)

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	PLOT DATE = 10/18/2012	DATE - 05/31/12	REVISED -

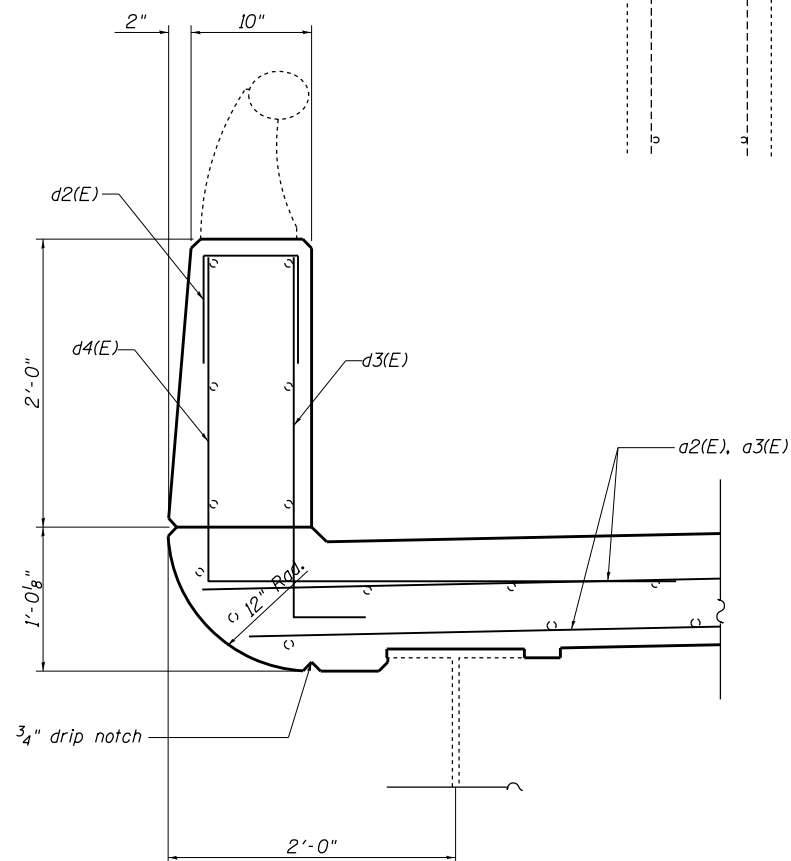
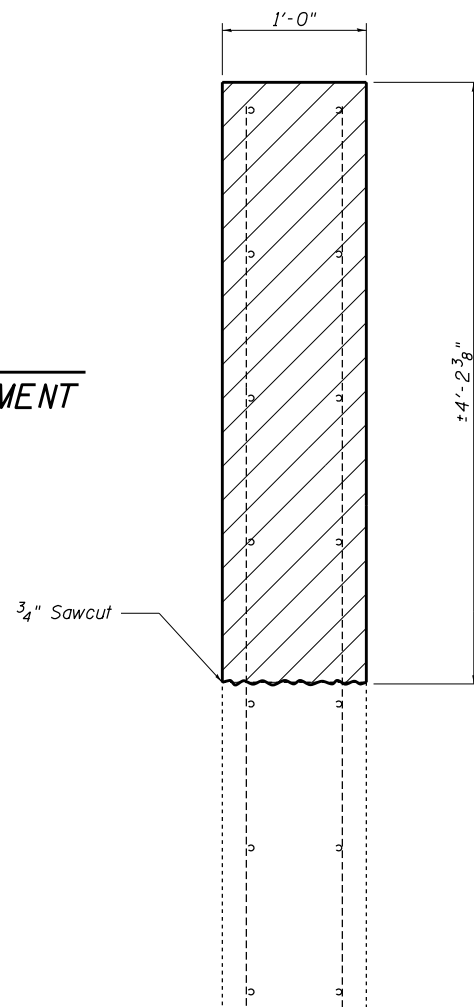
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXPANSION JOINT REPLACEMENTS DETAILS
SN. 025-0070 (SB)

SCALE: SHEET NO. 14 OF 22 SHEETS STA. TO STA.

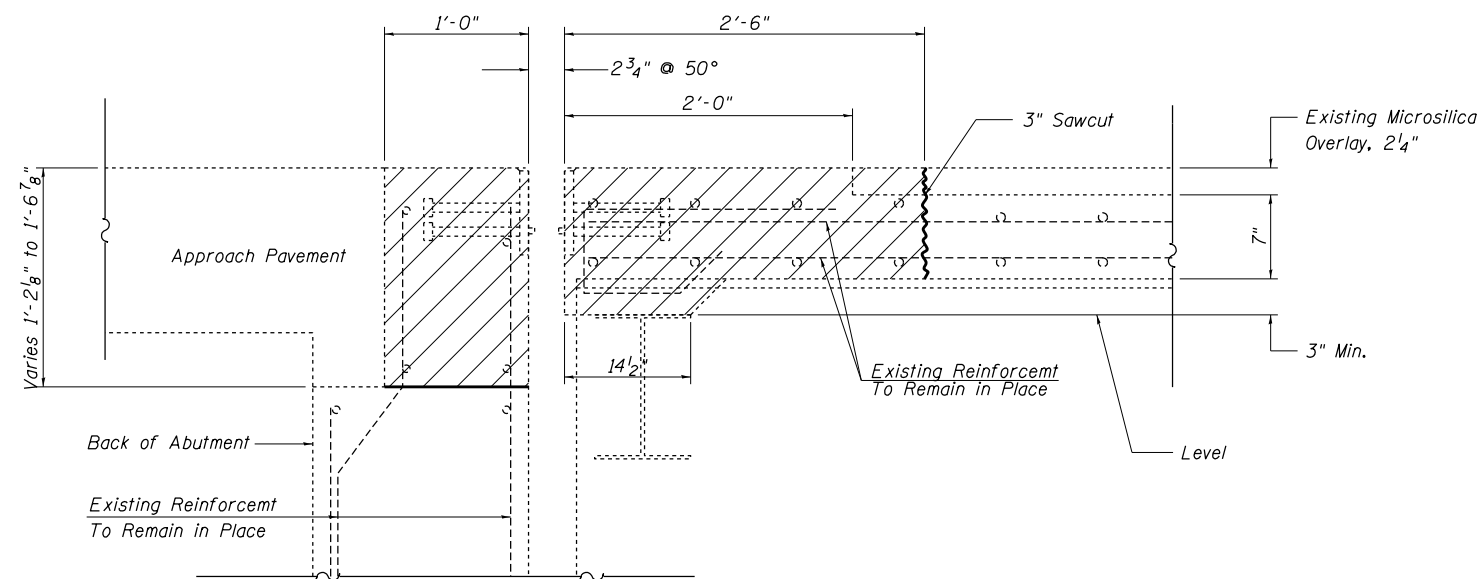
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	70
CONTRACT NO. 74450			ILLINOIS FED. AID PROJECT	

**TYPICAL WINGWALL
REMOVAL AND REPLACEMENT**



SECTION THRU PARAPET

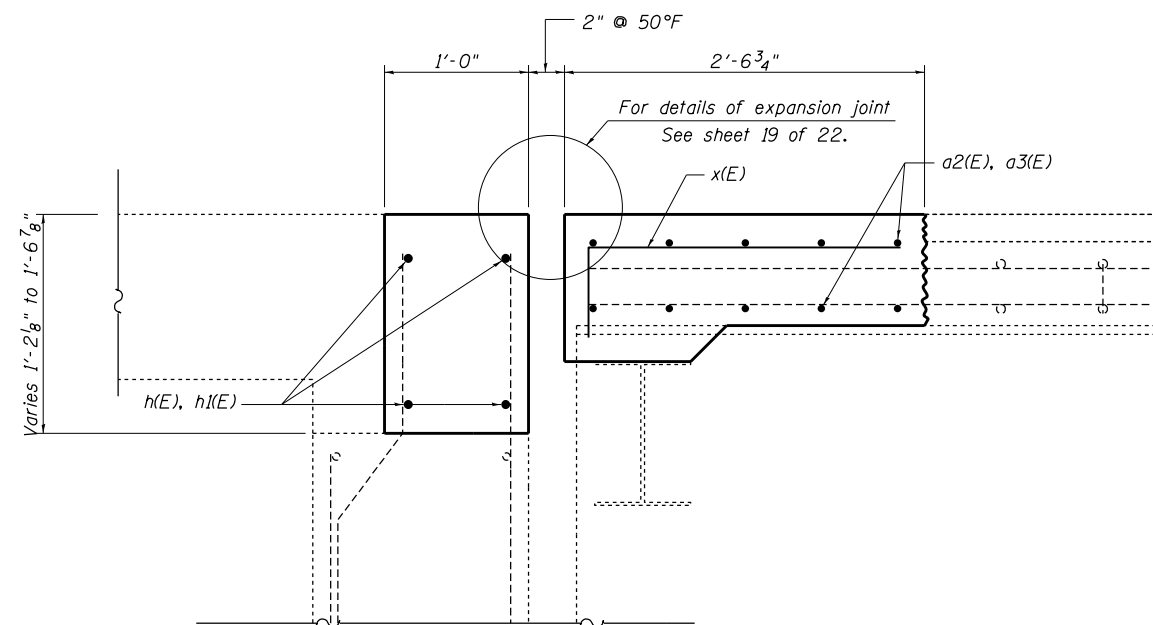
Hatched area indicates removal.



SECTION A-A

(Dimensions at RT L's to end of deck)

- Existing Reinforcement
- Proposed Reinforcement



SECTION B-B

(Dimensions at RT L's to end of deck)

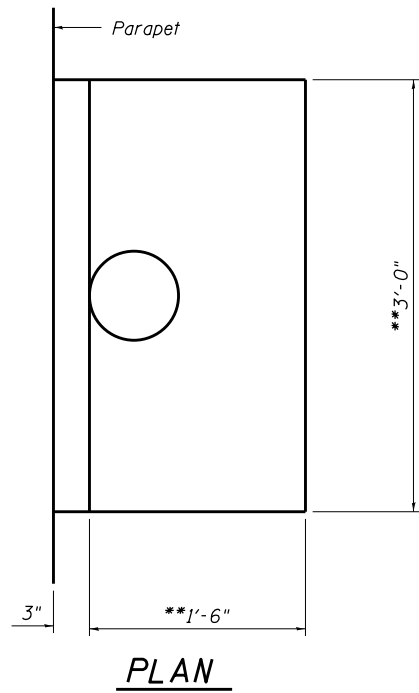
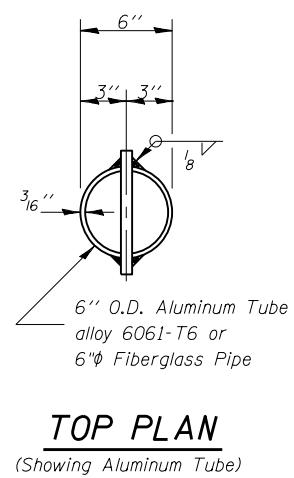
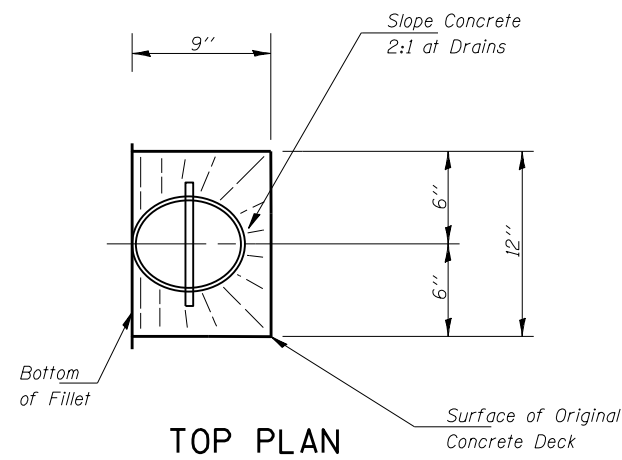
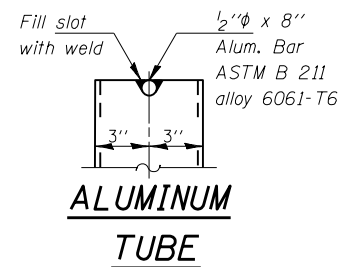
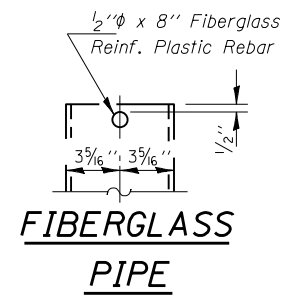
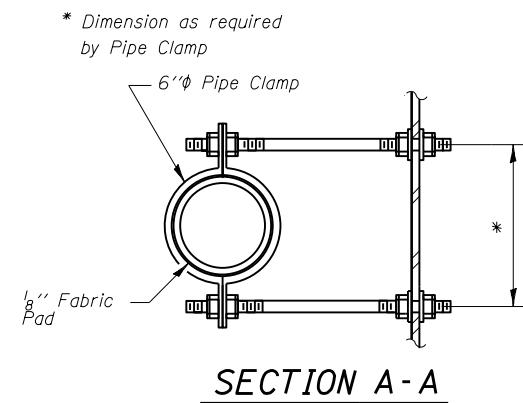
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ci:\pw\work\p\idot\teasleyck\d0181558\0774450-sht-brdetails-0250070.dgn		DRAWN - KLB	REVISED -
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	PLOT DATE = 10/18/2012	DATE - 05/31/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXPANSION JOINT REPLACEMENT DETAILS
SN. 025-0070 (SB)**

SCALE: SHEET NO. 15 OF 22 SHEETS STA. TO STA.

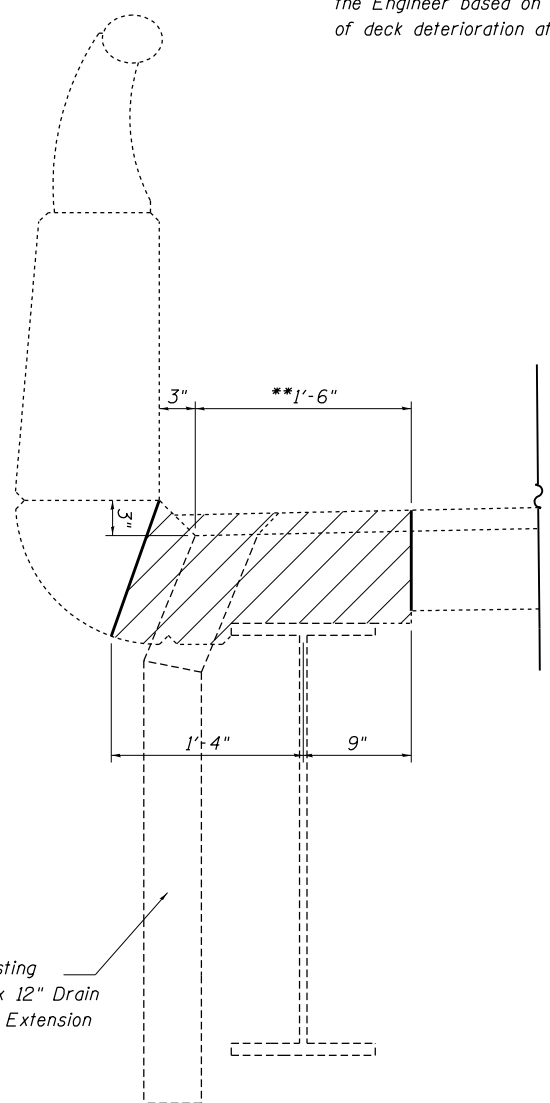
• (25-6-1RS-8 & (13-1RS-2 • EFFINGHAM & CLAY COUNTIES		TOTAL SHEETS	SHEET NO.
F.A.I. RTE.	SECTION	COUNTY	
57	.	••	84 71
CONTRACT NO. 74450			
ILLINOIS FED. AID PROJECT			



SECTION THRU EXISTING FLOOR DRAIN

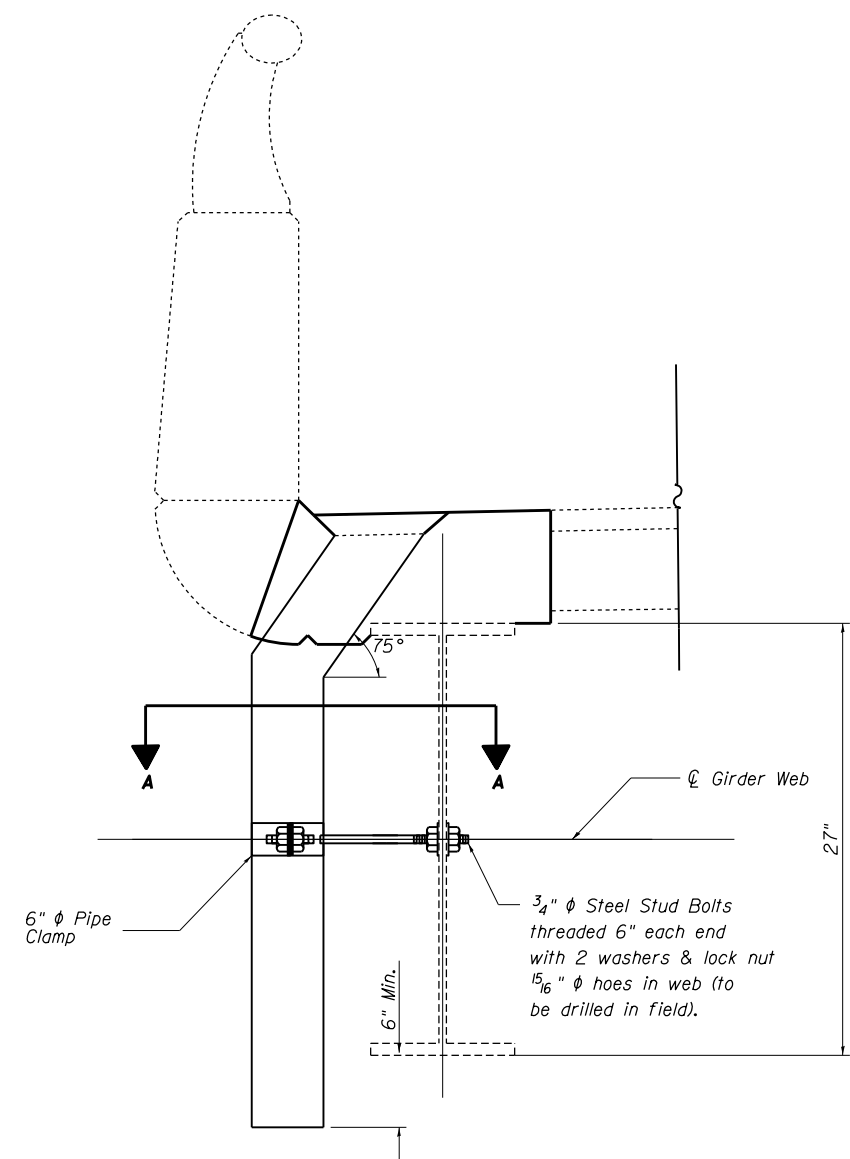
Hatched area indicates concrete removal at floor drain replacement.

Note: Concrete removal and replacement quantities for drains are included in Deck Slab Repair as shown on "Bridge Deck Patching" plan sheets.



** Concrete removal and replacement dimensions shall be determined by the Engineer based on the extent of deck deterioration at each drain.

DRAIN REPLACEMENT DETAIL



Note: See "Bridge Deck Patching" plan sheets for Floor Drain replacement location and Plug Existing Deck Drain locations. See "Total Bill of Materials" for each structure for quantities.

Notes: The floor drains shall be painted to match the outside of the fascia beams. The exterior surfaces of the drains shall be cleaned according to Society of Protective Coatings Specification SSPC-SPI prior to painting. Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum. Galvanize clamping device according to AASHTO M232. Cost of clamping device and galvanizing is included with Floor Drains.

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	PLOT DATE = 10/18/2012	DATE - 05/31/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FLOOR DRAIN DETAILS
SN. 025-0070 (SB)

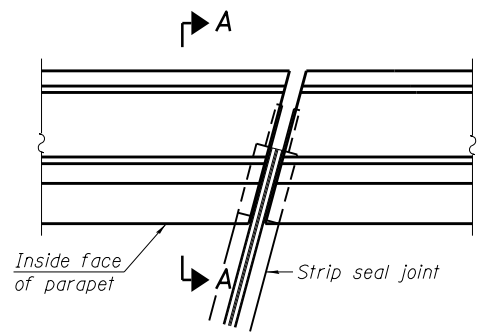
SCALE: SHEET NO. 16 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	72
CONTRACT NO. 74450			ILLINOIS FED. AID PROJECT	

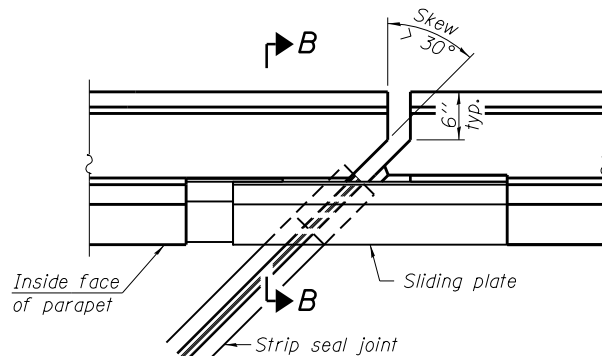
BEARING

• (25-6-1RS-8 & (13-1RS-2
 ** EFFINGHAM & CLAY COUNTIES

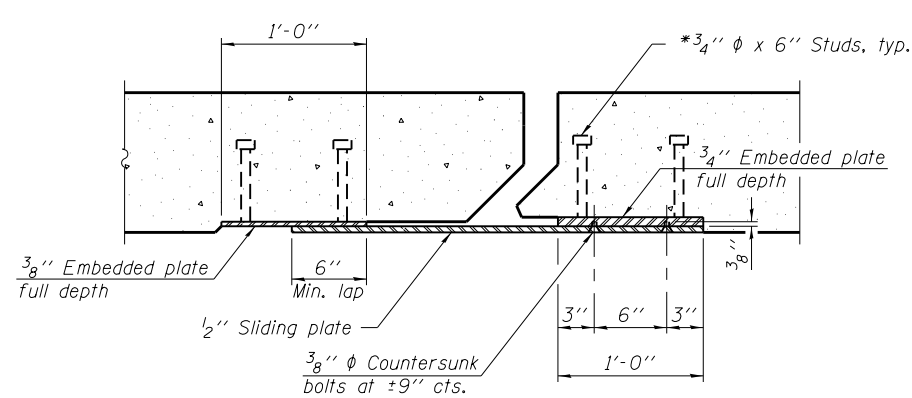
FILE NAME =	USER NAME = teasleyck	DESIGNED - KLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:		SHEET 18	OF	SHEETS	STA.	TO STA.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -													
	PLOT DATE = 10/18/2012	DATE -	REVISED -													



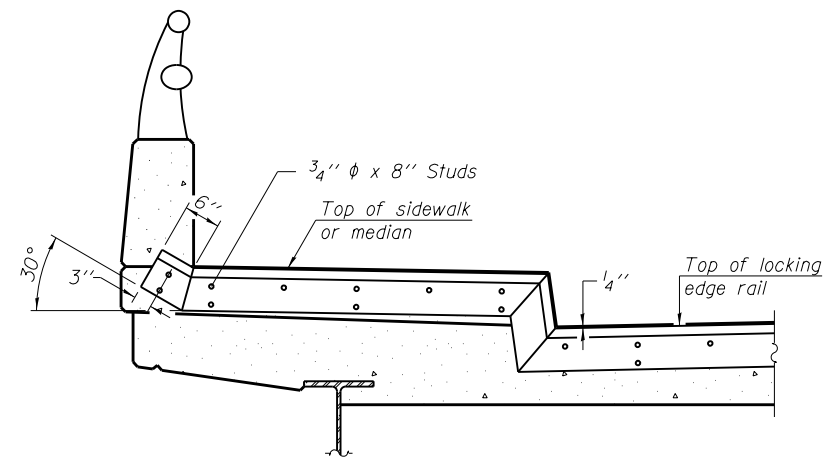
PLAN
(For skews $\leq 30^\circ$)



PLAN
(For skews $> 30^\circ$)
Showing point block

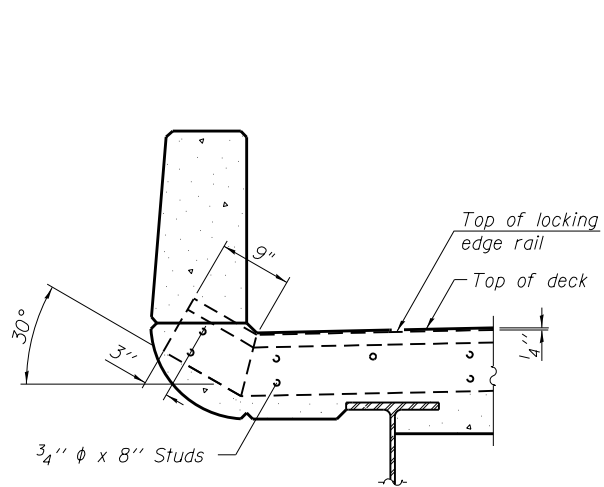


SECTION C-C

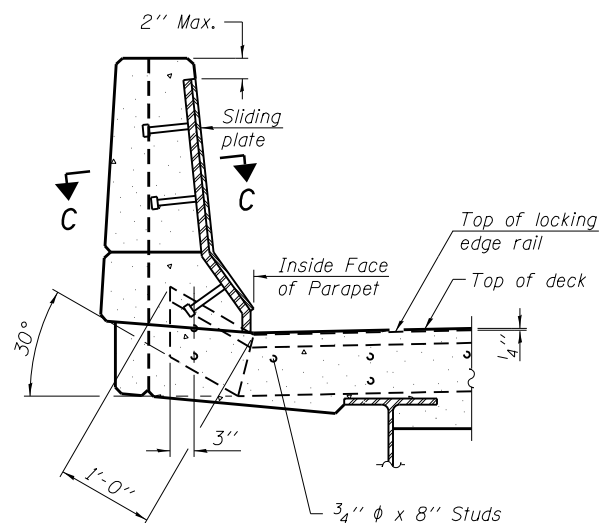


**TYPICAL END TREATMENT
AT SIDEWALK OR MEDIAN**

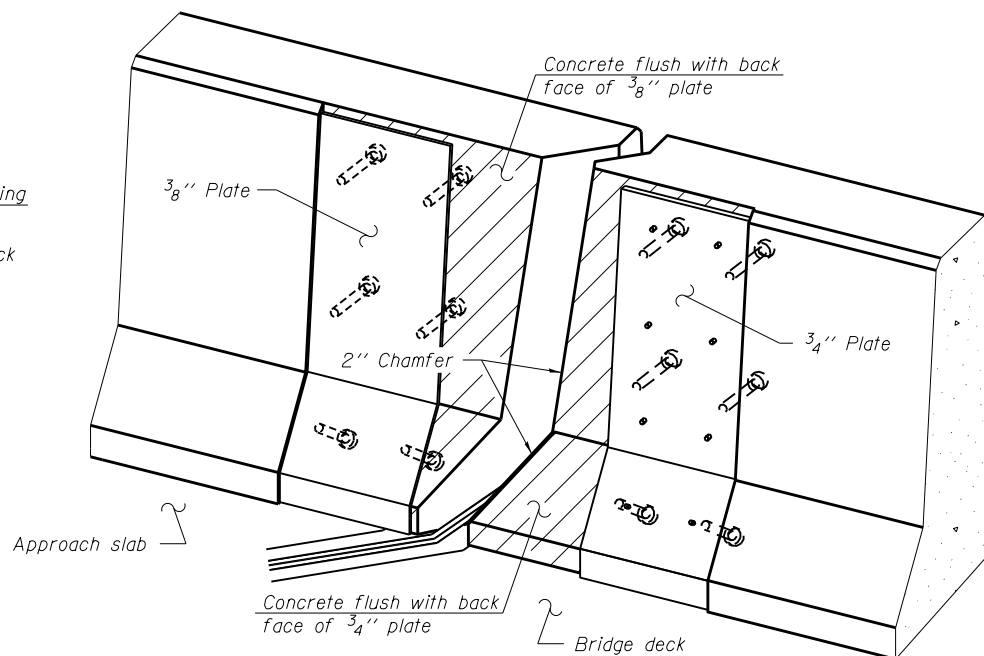
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.



SECTION A-A

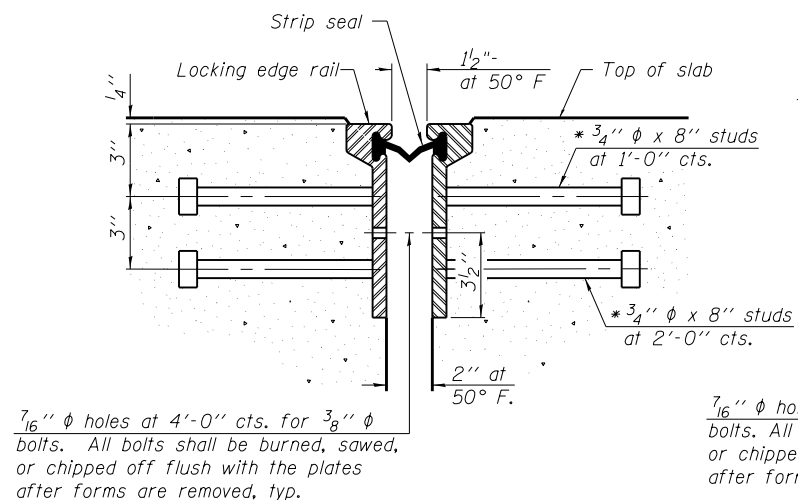


SECTION B-B



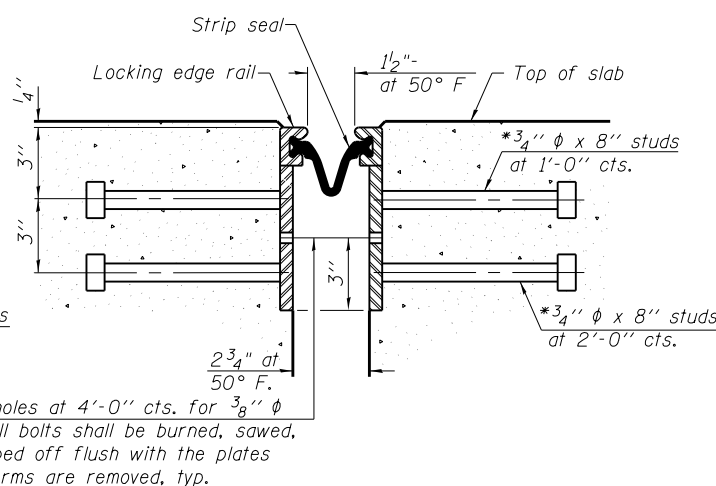
TRIMETRIC VIEW
(Showing back plates only)

Notes:
The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
The Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities.
The manufacturer's recommended installation methods shall be followed.
The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.
All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
Maximum space between rail segments shall be 3/16", sealed with a suitable sealant. Joints in rails within 10 ft. of curbs shall be welded.
Parapet plates and anchorage studs for skews $> 30^\circ$ included in the cost of Preformed Joint Strip Seal.



**SECTION THRU
ROLLED RAIL JOINT**

7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.



**SECTION THRU
WELDED RAIL JOINT**

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

**ROLLED
EXTRUDED RAIL**

WELDED RAIL

**LOCKING EDGE
RAIL SPLICE**

The inside of the locking edge rail groove shall be free of weld residue.
Rolled rail shown, welded rail similar.

LOCKING EDGE RAILS

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	96

• (25-6-1RS-8 & (13-1RS-2
• EFFINGHAM & CLAY COUNTIES

EJ-SSJ

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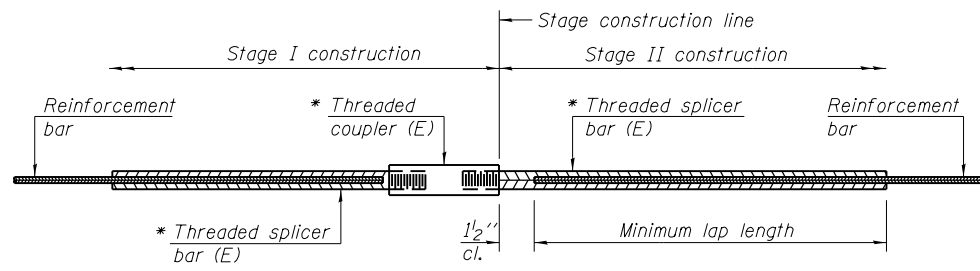
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		DATE - 05/31/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 025-0070 (SB)**

SCALE: SHEET NO. 19 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	75
			CONTRACT NO. 74450	
ILLINOIS FED. AID PROJECT				



STANDARD BAR SPLICER ASSEMBLY

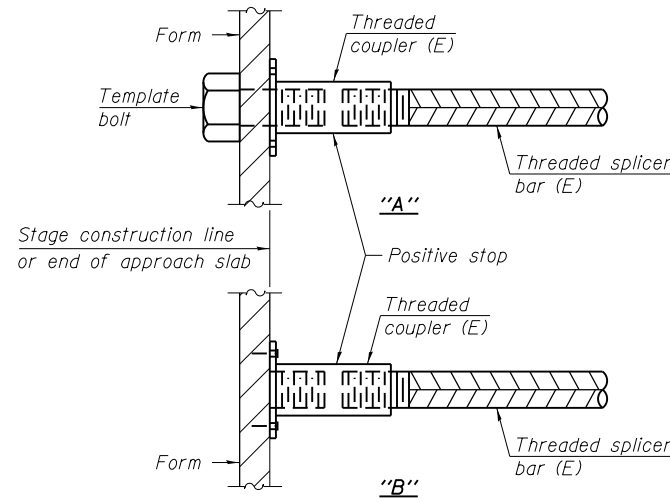
Bar size to be spliced	Minimum Lap Lengths					
	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	6'-5"	6'-10"	7'-9"	8'-7"	9'-8"

- Table 1: Black bar, 0.8 Class C
- Table 2: Black bar, Top bar lap, 0.8 Class C
- Table 3: Epoxy bar, 0.8 Class C
- Table 4: Epoxy bar, Top bar lap, 0.8 Class C
- Table 5: Epoxy bar, Class C
- Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length + 1/2" + thread length

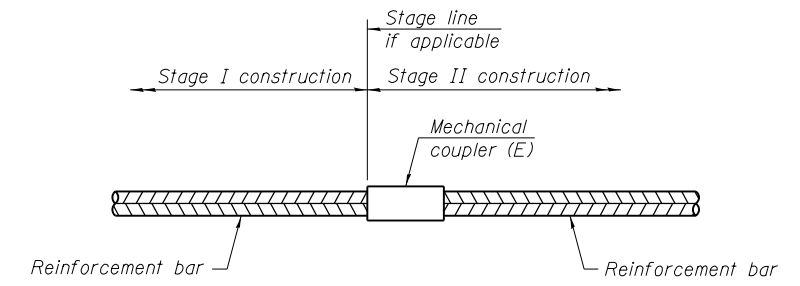
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
025-0070	#5	20	Table 3
025-0070	#6	8	Table 3



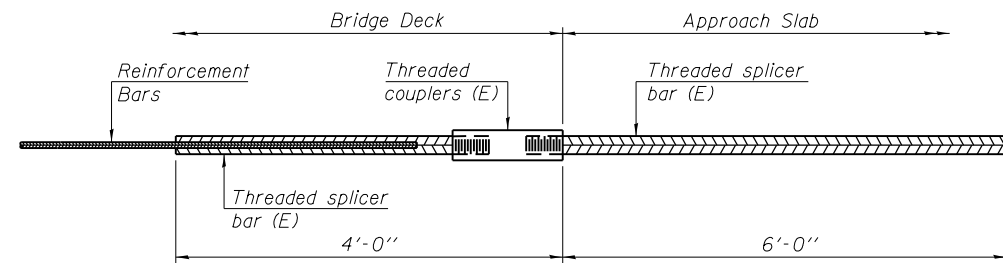
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



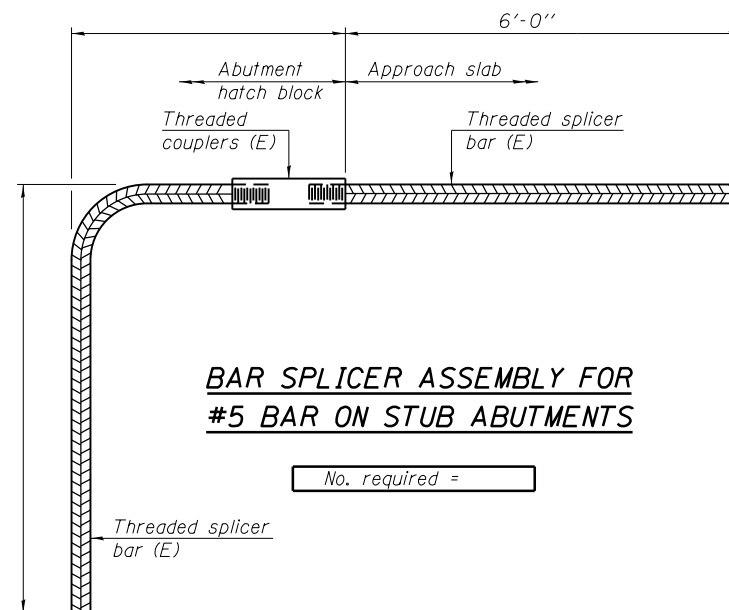
STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required =



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

1-27-12

FILE NAME =	USER NAME = teasleyck	DESIGNED - KLB	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED - MEA	REVISED -
	PLOT DATE = 10/18/2012	DATE - 05/31/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

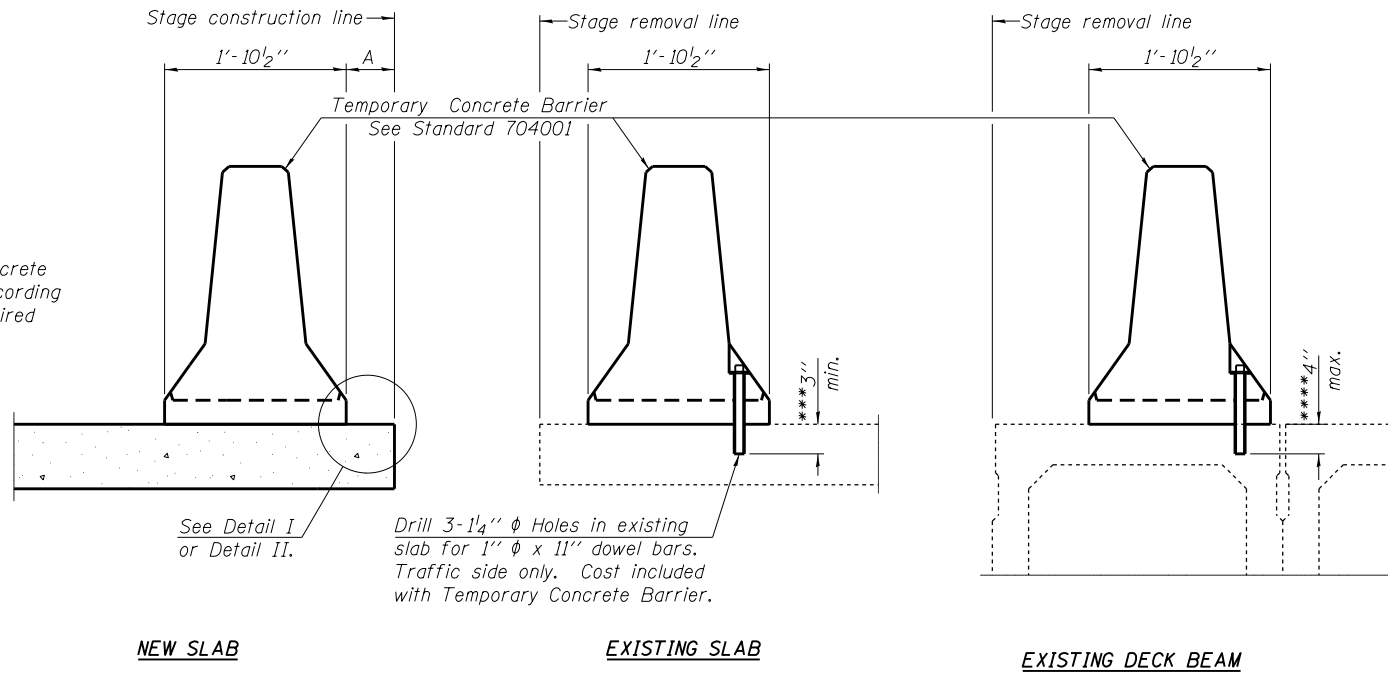
BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 025-0070 (SB)

SCALE: SHEET NO. 20 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	76
CONTRACT NO. 74450			ILLINOIS FED. AID PROJECT	

• (25-6-1RS-8 & (13-1RS-2
 • EFFINGHAM & CLAY COUNTIES

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



SECTIONS THRU SLAB OR DECK BEAM

NOTES

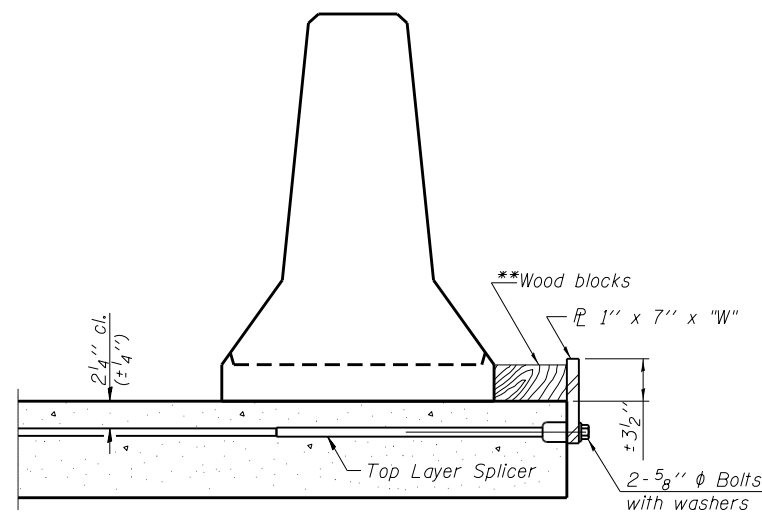
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7" x "W" steel PL to the top layer of couplers with 2-5/8" φ bolts screwed to coupler at approximate C of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel PL to the concrete slab or concrete wearing surface with 2-5/8" φ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate C of each barrier panel.

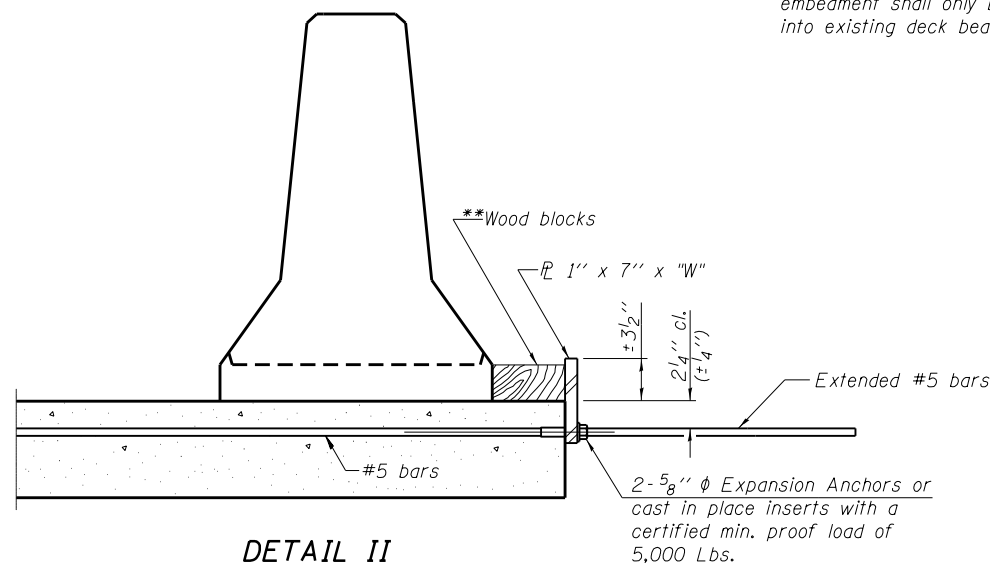
Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

*** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

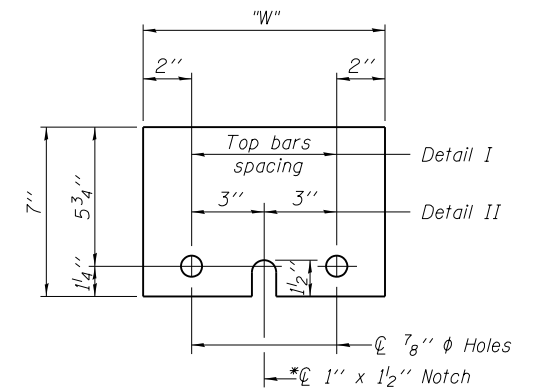
**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



STEEL RETAINER PL 1" x 7" x "W"

* Required only with Detail II

** Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"

R-27

7-1-10

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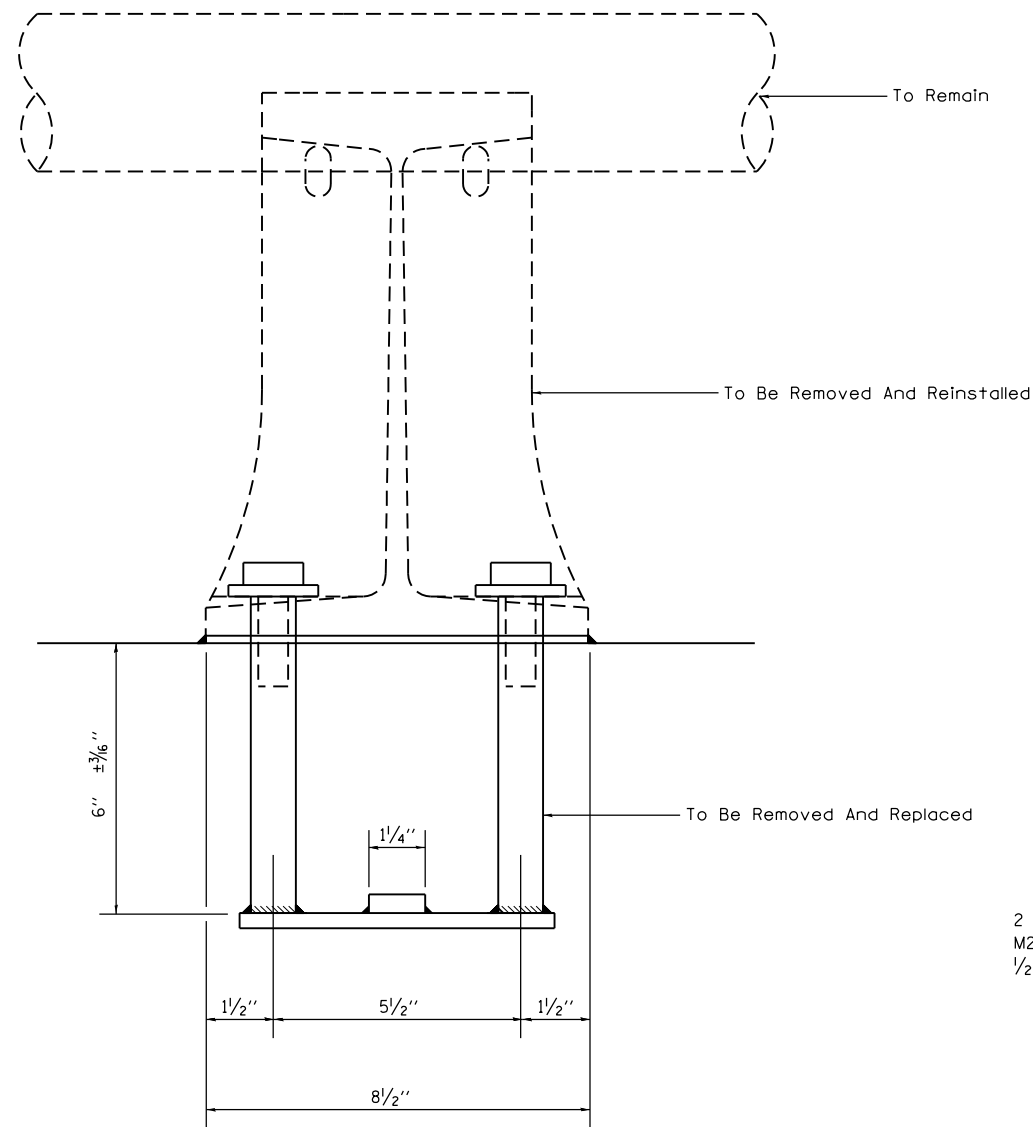
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
STRUCTURE NO. 025-0070 (SB)**

SCALE: SHEET NO. 21 OF 22 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	**	84	77
			CONTRACT NO. 74450	
ILLINOIS FED. AID PROJECT				

• (25-6-1RS-8 & (13-1RS-2
• EFFINGHAM & CLAY COUNTIES



2 - 1/2" Ø x 1 3/4" hex. hd. cap screws
Std. flat washers. (stnl. stl.)

2 - 3/4" Ø x 2" hex. hd. cap screws
Std. flat washers. (stnl. stl.)

Base of post shall be sealed with two component non-staining gray sealing compound with polysulfide liquid polymers-gun grade with primer.

1/8" Fabric Bearing Pad

2 - 3/4" round bar stock AASHTO M270G50 drilled and tapped for 1/2" Ø x 1 3/4" hex head cap screws

Front face of parapet

2 - 1 1/4" round bar stock AASHTO M270G50 drilled and tapped for 3/4" Ø x 2" hex head cap screws

3/8" x 1 1/4" x 7"

1/2" x 1 1/2" x 7"

Note: New Rail Post anchorage devices will be required at each location where posts are connected to new construction. Cost shall be included with Concrete Superstructure.

• (25-6-1RS-8 & (13-1RS-2
• EFFINGHAM & CLAY COUNTIES

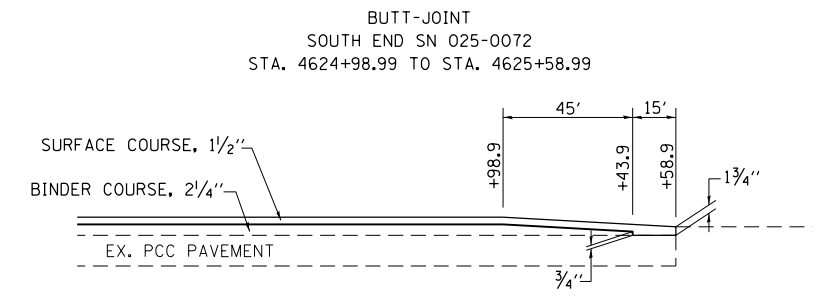
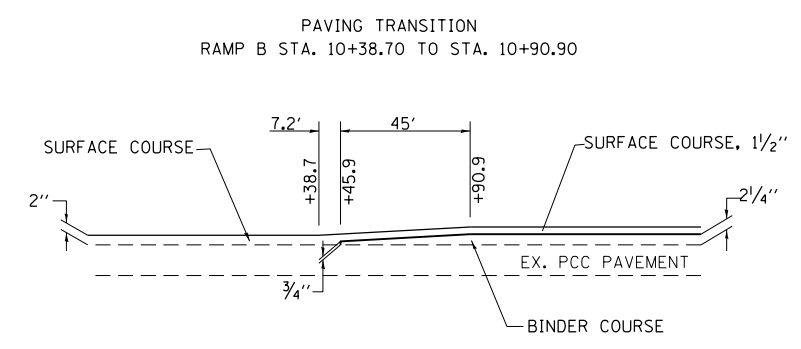
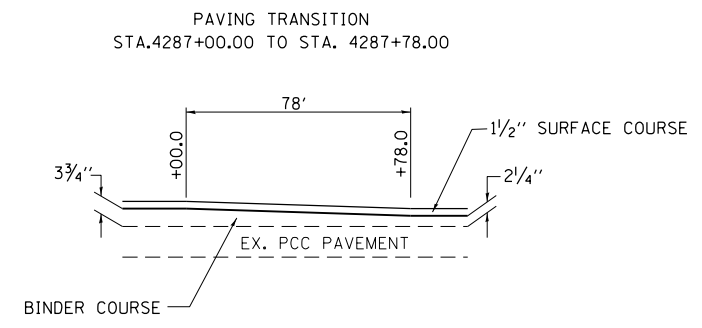
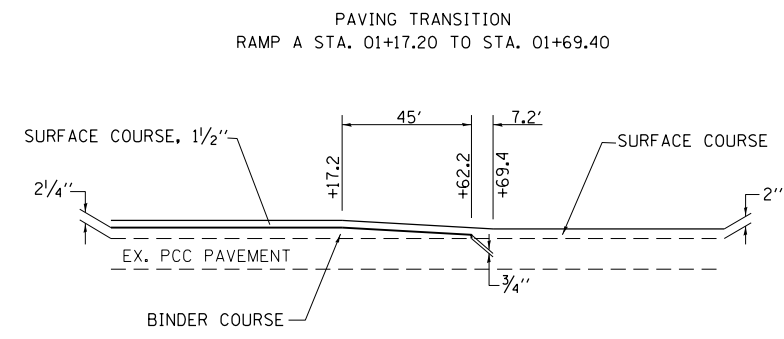
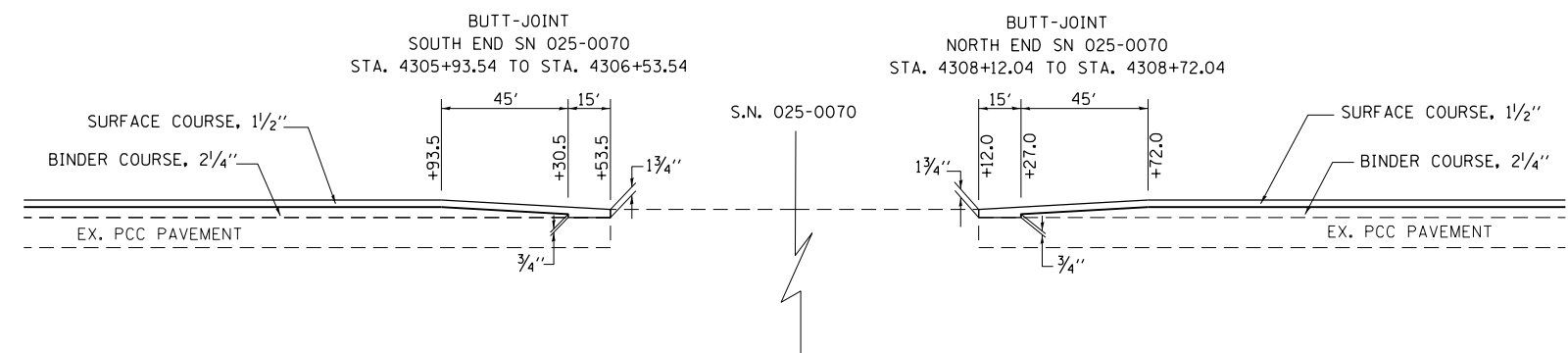
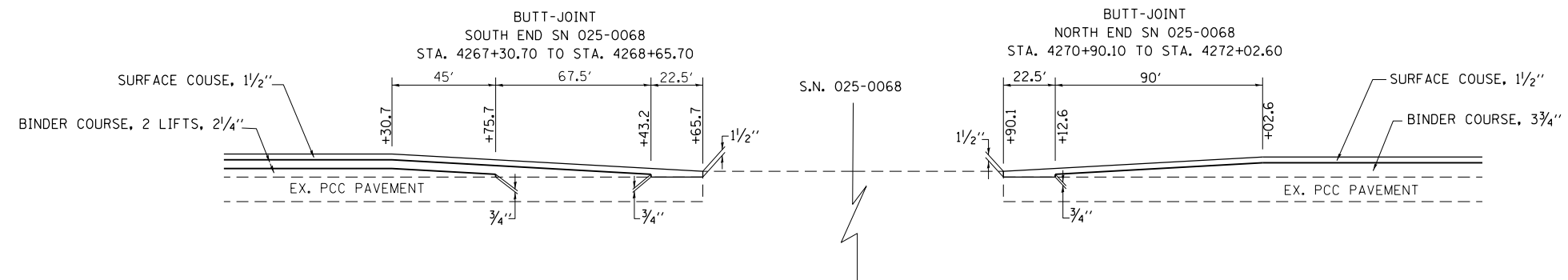
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAIL SUPPORT ANCHOR DETAILS
SN. 025-0070 (SB)

SCALE: SHEET NO. 22 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	••	84	78
			CONTRACT NO. 74450	
ILLINOIS FED. AID PROJECT				



• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY

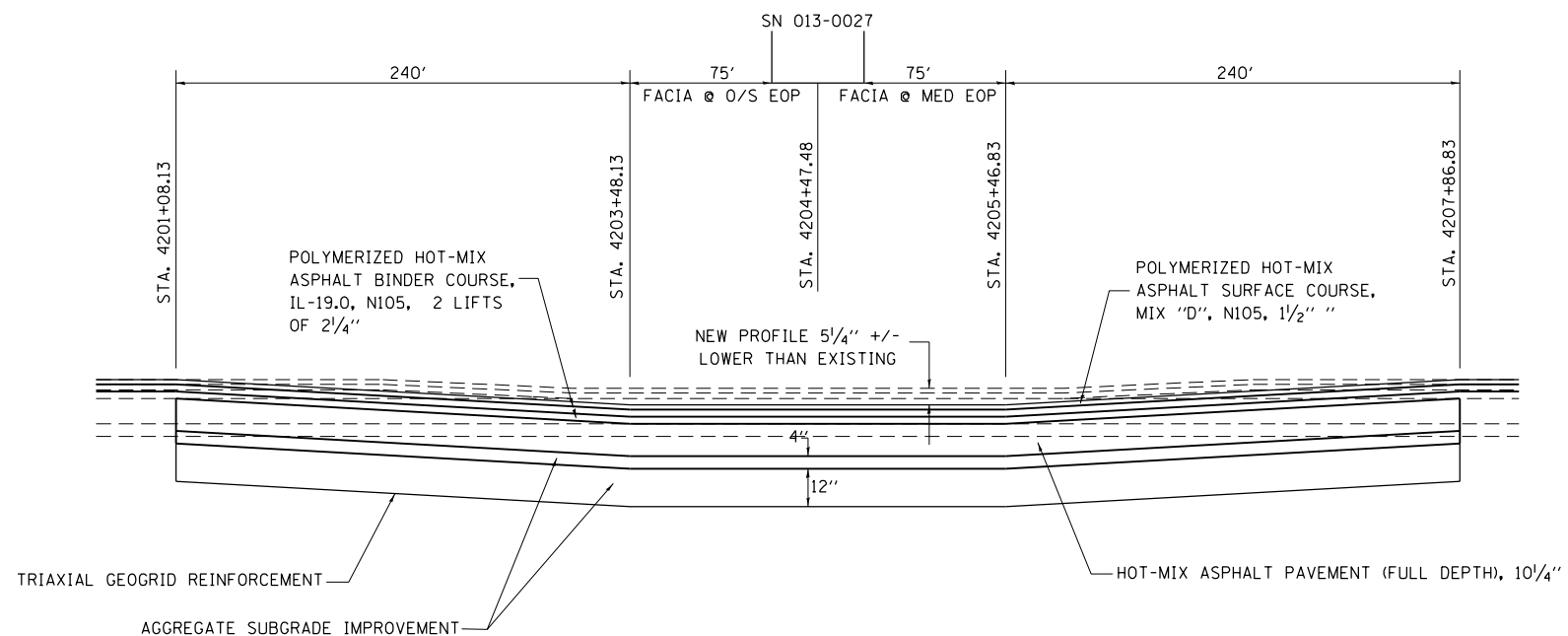
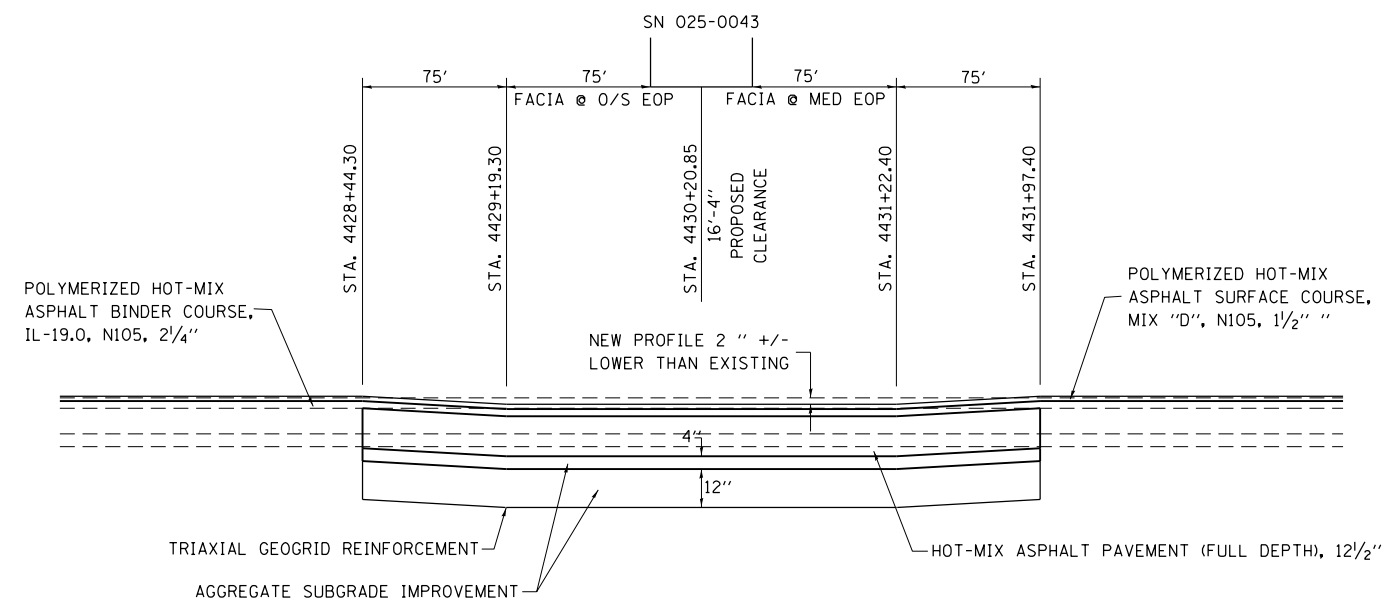
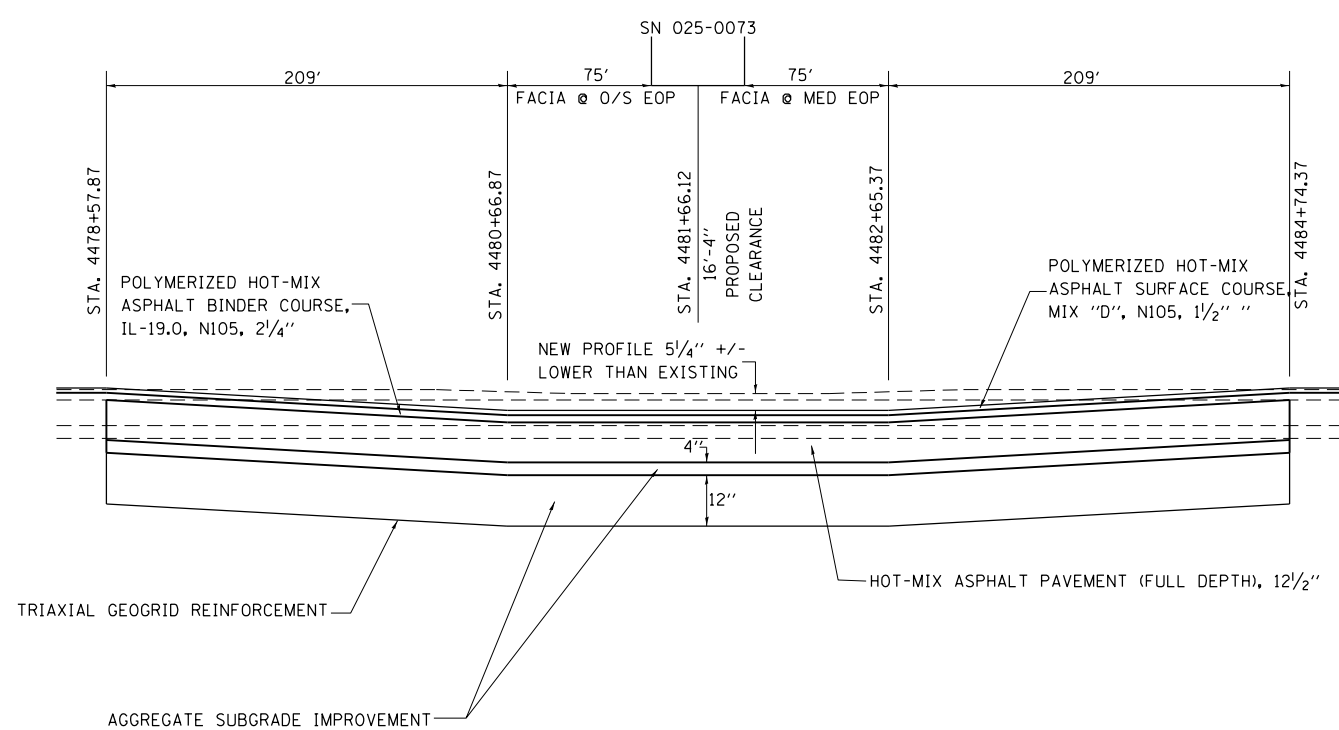
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT DETAILS			
SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	..	84	79
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				

**DETAIL OF HOT-MIX ASPHALT PAVEMENT
(FULL DEPTH), 10 1/4" AND 12 1/2"**



- (25-6-1)RS-8 & (13-1)RS-2
- EFFINGHAM, CLAY

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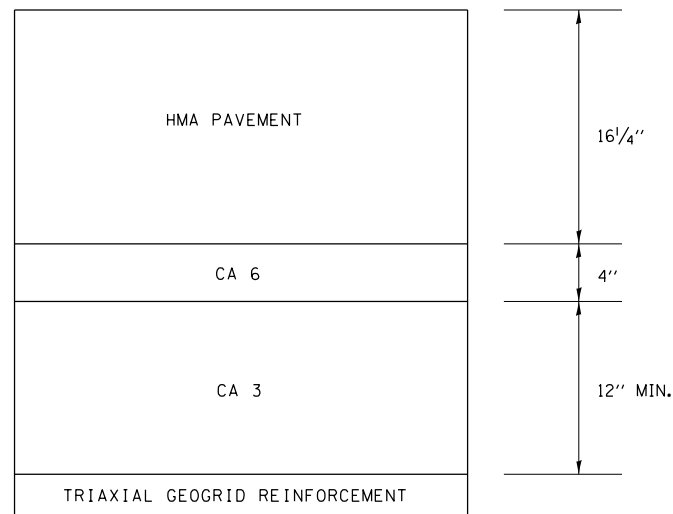
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HOT-MIX ASPHALT PAVEMENT
(FULL DEPTH) DETAILS**

SCALE: NA SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	••	84	80
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				

DETAIL OF AGGREGATE SUBGRADE IMPROVEMENT

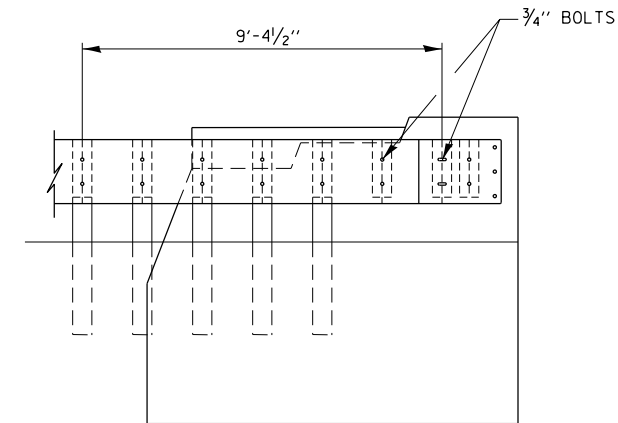
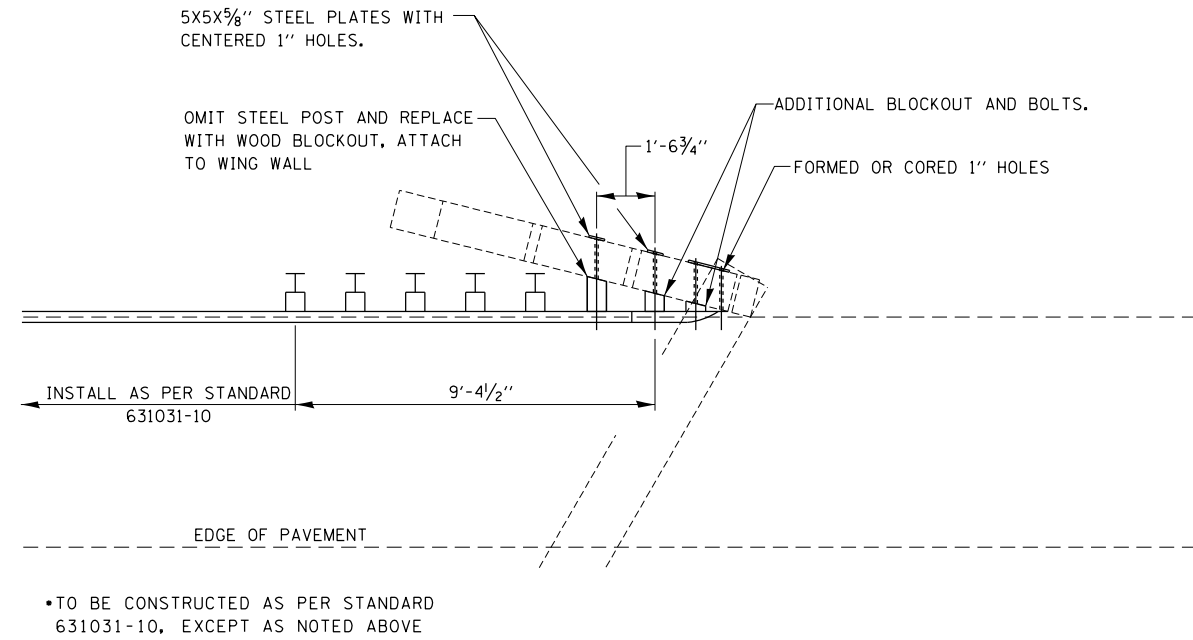


SB STA. 4201+08.13 TO 4207+86.83
 SB STA. 4428+44.30 TO 4431+97.40
 SB STA. 4478+57.87 TO 4484+74.37

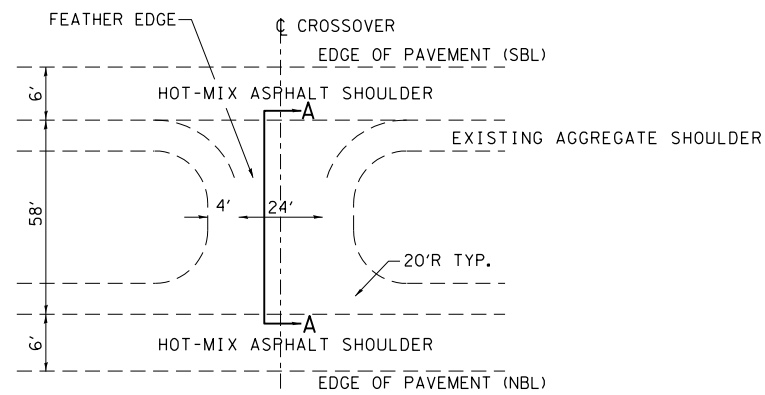
NOTES:
 1. THE FIRST LIFT OF HMA BINDER COURSE SHALL BE PLACED WITHIN 4 DAYS OF THE START OF PAVEMENT REMOVAL OPERATION.

LOCATION	LENGTH (FT.)	WIDTH (FT.)	DEPTH (FT.)	QTY (TON)	
4201+08.13 TO 4207+86.83	678.7	24.0	1.333	1,648.6	CLAY CO.
4428+44.30 TO 4431+97.40	353.1	24.0	1.333	857.7	EFFINGHAM CO.
4478+57.87 TO 4484+74.37	616.5	24.0	1.333	1,497.5	EFFINGHAM CO.
TOTAL =				4,003.8	

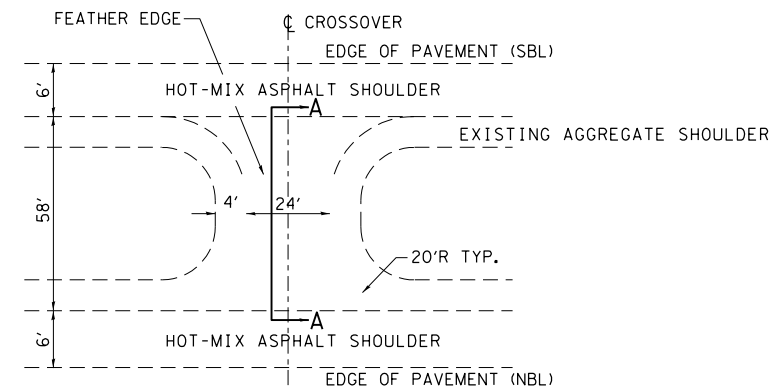
DETAIL OF TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL)



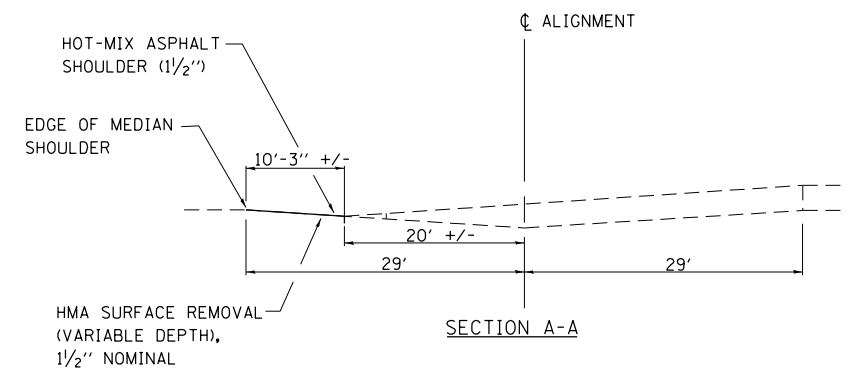
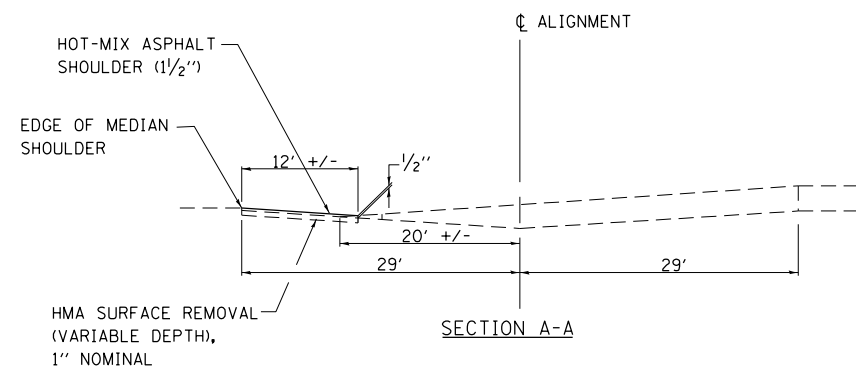
• (25-6-1)RS-8 & (13-1)RS-2
 •• EFFINGHAM, CLAY



DETAIL OF MEDIAN CROSSOVER
 STA. 4361+18.00
 STA. 4570+92.00



DETAIL OF MEDIAN CROSSOVER
 STA. 4220+00.00



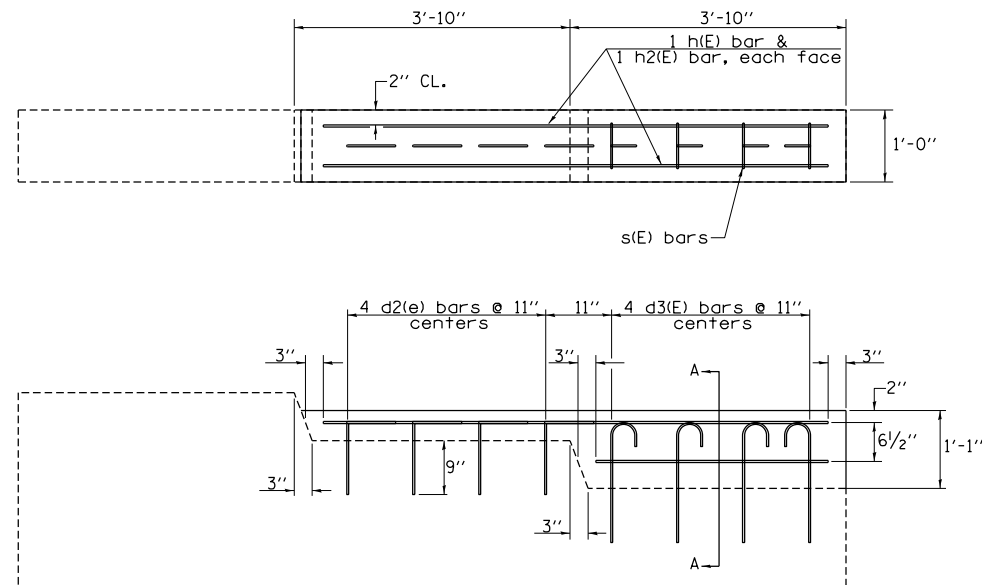
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	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

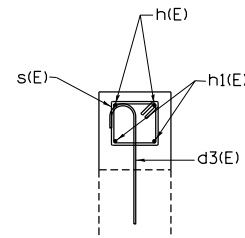
MEDIAN CROSS OVER DETAILS

SCALE: NA SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	**	84	82
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				

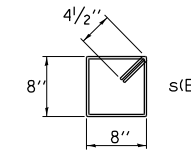
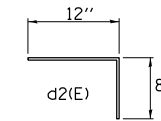
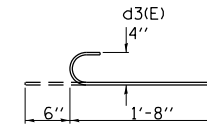


Burn exist. 1" anchor bolts flush with concrete surface. Grind smooth and seal with epoxy. Cost included with Concrete Structures.



Section A-A

BILL OF MATERIAL & BAR LIST				
BAR	NO.	SIZE	LENGTH	SHAPE
d2(E)	52	4	1'-8"	
d3(E)	52	4	2'-2"	
h(E)	26	5	7'-0"	
h1(E)	26	5	3'-3"	
s(E)	26	4	3'-5"	
Concrete Structures Cu. Yd.				3.0
Reinforcement Bars, Epoxy Coated				Pound 530



GENERAL NOTES

All edges shall have standard (3/4") chamfers.

Bolt holes for connection of type 6 end shoe shall be drilled or formed. Wood blockouts and extra length bolts will be required for flared wingwalls

Reinforcement bars designated (E) shall be epoxy coated.

Modification shall be made to the NE, NW and SW wingwalls of the SB structure SN 025-0068 and to the SW, SE, NW and NE wingwalls of structures 025-0043 and 0073.

Epoxy grout d2(E) & d3(E) bars in 9" deep holes in accordance with Section 584 of the Standard Specifications.

Concrete removal shall be considered included in the cost of Concrete Structures.

• (25-6-1)RS-8 & (13-1)RS-2
• EFFINGHAM, CLAY

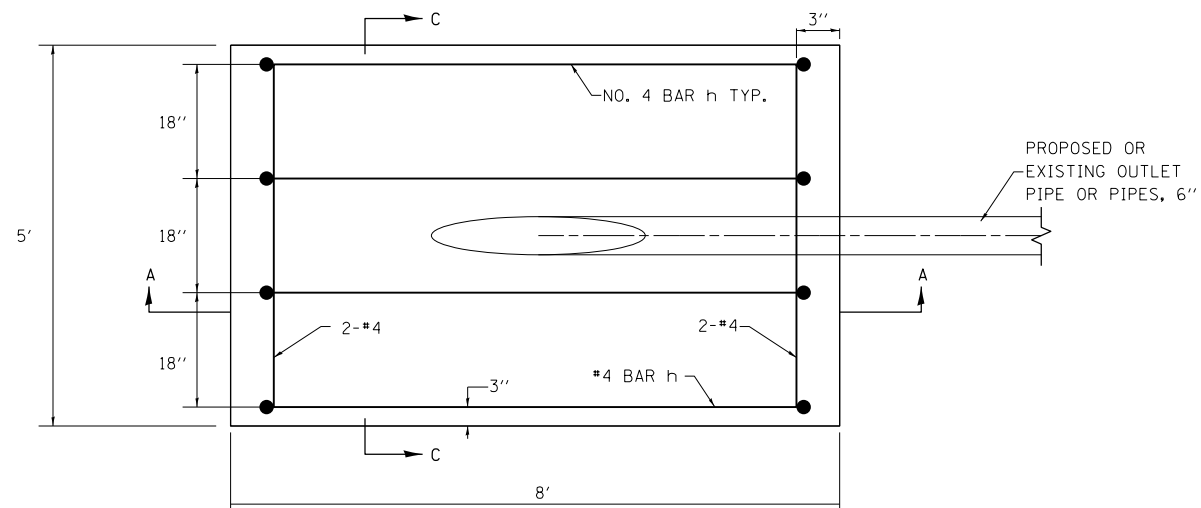
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PLOT DATE = 10/18/2012		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

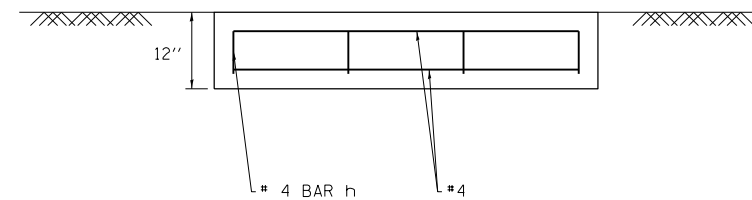
WING WALL MODIFICATION DETAILS

SCALE: NA SHEET NO. 1 OF 1 SHEETS STA. TO STA.

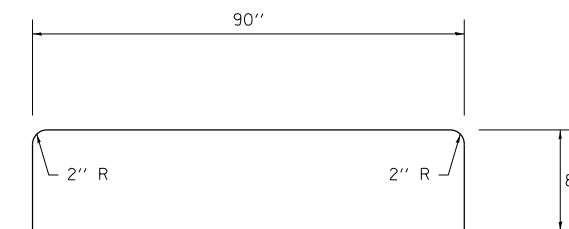
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	..	84	83
CONTRACT NO. 74450				
ILLINOIS FED. AID PROJECT				



PLAN VIEW



SECTION C-C



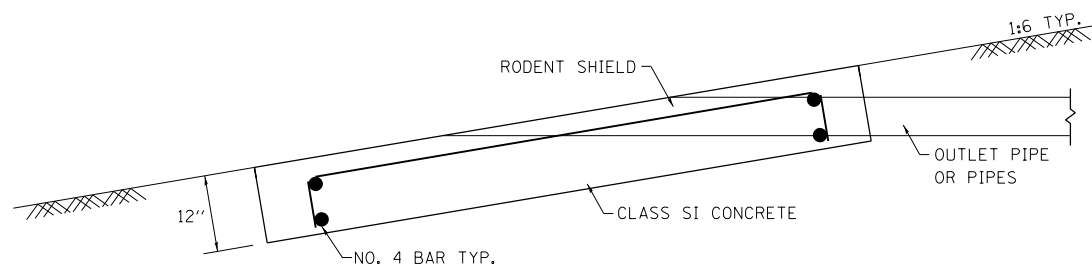
#4 h BAR

NOTES

- See Standard 601101 for details of rodent shields.
- The outlet pipe or pipes shall be located as close as possible to the center of the outlet protector.
- The last 10' of outlet pipe shall be schedule 40 PVC.
- The rebars may be cut or relocated to accommodate pipe.
- Cut outlet pipe on a bevel to match finished surface of surrounding PCC.
- Seeding Class 2 shall be considered included in the cost of the pay items.

OUTLET PROTECTOR BILL OF MATERIALS

PAY ITEM	UNIT	QUANTITIES PER EACH OUTLET PROTECTOR	SOUTHBOUND QUANTITIES
CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	1.5	238.5
REINFORCING BARS	LB	35.6	5661
RODENT SHIELDS	EACH	1	159



SECTION A-A

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

OUTLET PROTECTOR DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47,48,49)R	CUMBERLAND	84	84
CONTRACT NO. 74416				
ILLINOIS FED. AID PROJECT				