

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	1
		ILLINOIS	CONTRACT NO. 74409	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**STATION EQUATIONS:**

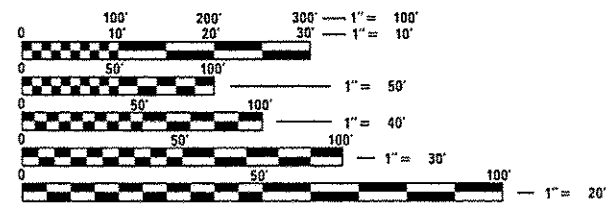
- STA. 68 + 50.66 (BK) = STA. 69 + 51.16 (AH)
- STA. 104 + 17.17 (BK) = STA. 104 + 64.50 (AH)
- STA. 470 + 16.90 (BK) = STA. 470 + 71.10 (AH)
- STA. 509 + 10.40 (BK) = STA. 509 + 10.90 (AH)
- STA. 572 + 25.97 (BK) = STA. 572 + 85.70 (AH)
- STA. 605 + 05.78 (BK) = STA. 605 + 07.60 (AH)

**F.A.P. RTE. 116 (IL. RTE. 130)**  
**SECTION (124,125,126)RS-3**  
**PROJECT ACF-0116(058)**  
**RESURFACING (3P)**  
**RICHLAND COUNTY**

ADT = 3,925 (2010)

**PROJECT BEGINS:**  
**STA. 60 + 78.94**

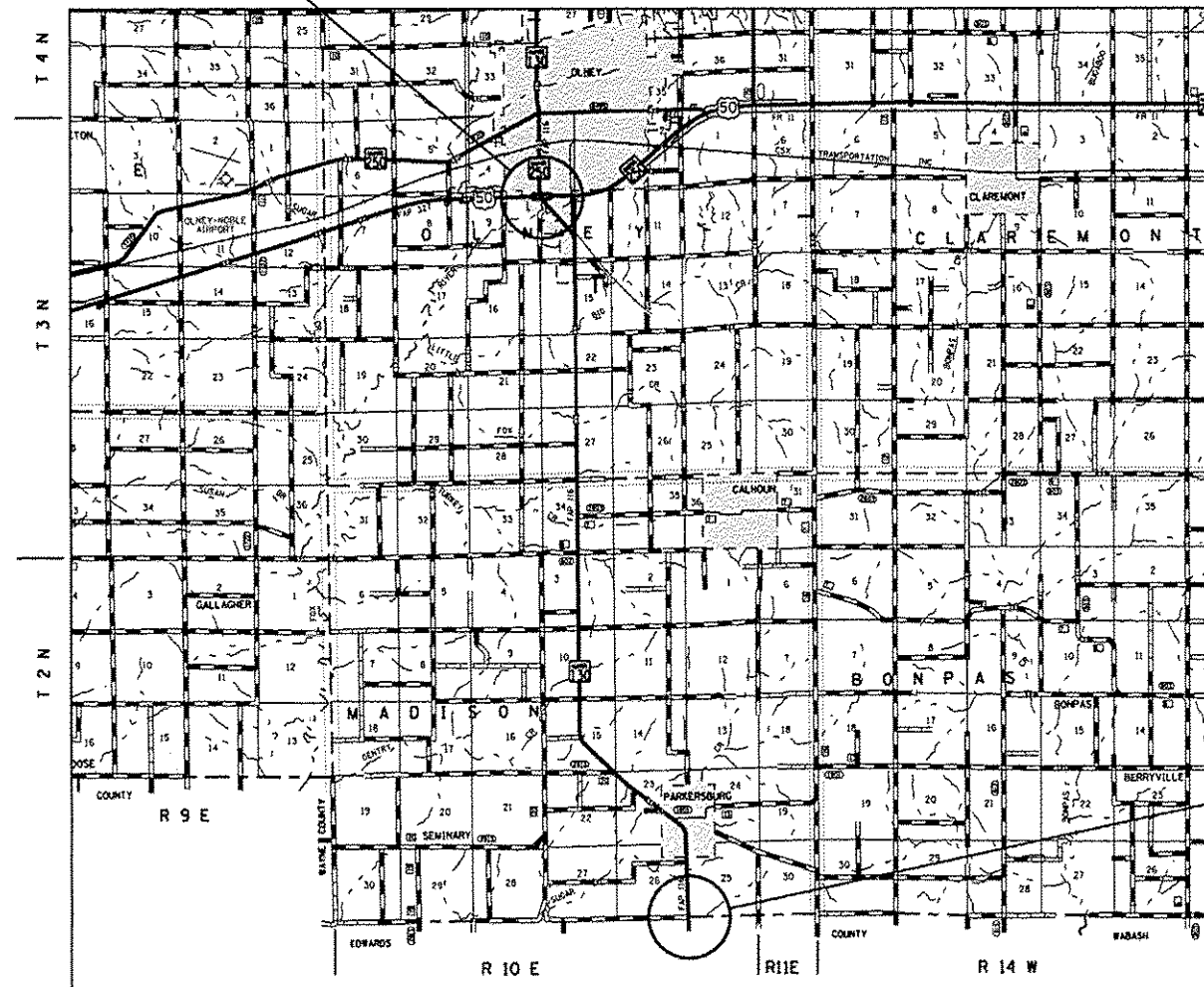
**C-97-123-09**



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)-342-8320**  
**CONTRACT NO. 74409**



GROSS LENGTH = 56,880.0 FT. = 10.77 MILES  
 NET LENGTH = 56,396.7 FT. = 10.68 MILES

**PROJECT ENDS:**  
**STA. 631 + 88.00**



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED MARCH 18 20 13  
Roger L. Drisdell / 1003  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10 20 13  
John D. Balanzoni PE, Ia  
 acting ENGINEER OF DESIGN AND ENVIRONMENT

May 10 20 13  
Omair Osman PE, Ia  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

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001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
667101-02	PERMANENT SURVEY MARKERS
701006-04	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-03	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701321-13	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS

FILE NAME : c:\pwwork\pwwork\steflenk\147948\07	USER NAME : steflenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & STANDARDS IN THE PLANS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	14489-shc-stds.dgn	DRAWN -	REVISED -				116	(124,125,126)RS-3	RICHLAND	60	2
	PLOT SCALE : 100,0000 1" = 100'	CHECKED -	REVISED -		SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 74409		
	PLOT DATE : 3/14/2013	DATE -	REVISED -								

GENERAL NOTES

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

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 130 IN RICHLAND COUNTY FROM US 50 TO THE EDWARDS COUNTY LINE. THE PROJECT LENGTH IS 10.77 MILES. THE WORK INCLUDED IN SECTION (124,125,126)RS-3, CONSISTS OF BRIDGE JOINT REPAIRS, PAVEMENT PATCHING, HOT-MIX ASPHALT SURFACE REMOVAL, HOT-MIX ASPHALT RESURFACING, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

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 ONLY. THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

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 LEVELING BINDER AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. PAINT SHALL BE USED ON MILLED SURFACES AND TAPE SHALL BE USED ON THE SURFACE COURSE.

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

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. THE PAY ITEMS TEMPORARY RAMP HAVE BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS AND AS SPECIFIED IN THE SPECIAL PROVISIONS. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

TEMPORARY HMA TAPERS WILL BE REQUIRED IMMEDIATELY AFTER THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATION HAS BEEN PERFORMED AND ANY SUBSEQUENT RESURFACING OPERATION NEEDING TEMPORARY TAPERS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY TAPERS (MIN. 2 FEET IN LENGTH) AT MANHOLES AND VALVE VAULTS. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

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 THE SAME DEPTH AS THE HOT-MIX ASPHALT SURFACE REMOVAL. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

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

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

SURFACE MIX (1 1/2") (US 50 TO SOUTH OF TOWER LANE)  
 APPLICATION: POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90  
 PG GRADE: SBS PG 70-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
 MIXTURE COMPOSITION: IL-9.5  
 FRICTION AGGREGATE: MIXTURE D

SURFACE MIX (1 1/2") (SOUTH OF TOWER LANE TO EDWARDS CO. LINE)  
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
 MIXTURE COMPOSITION: IL-9.5  
 FRICTION AGGREGATE: MIXTURE D

GENERAL NOTES (Cont'd)

LEVELING BINDER (3/4") (US 50 TO SOUTH OF TOWER LANE)  
 APPLICATION: LEVELING BINDER (MACHINE METHOD), N90  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
 MIXTURE COMPOSITION: IL-9.5  
 FRICTION AGGREGATE: NA

LEVELING BINDER (3/4") (SOUTH OF TOWER LANE TO EDWARDS CO. LINE)  
 APPLICATION: LEVELING BINDER (MACHINE METHOD), N70  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70  
 MIXTURE COMPOSITION: IL-9.5  
 FRICTION AGGREGATE: NA

INCIDENTAL HOT-MIX ASPHALT SURFACING  
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70  
 MIXTURE COMPOSITION: IL-9.5  
 FRICTION AGGREGATE: MIXTURE C

CLASS D PAVEMENT PATCHING  
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19, N70  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70  
 MIXTURE COMPOSITION: IL-19.0  
 FRICTION AGGREGATE: N/A

BITUMINOUS SHOULDERS, 8" (BOTTOM 6")  
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19, N70  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70  
 MIXTURE COMPOSITION: IL-19.0  
 FRICTION AGGREGATE: N/A

BITUMINOUS SHOULDERS, 8" (TOP 2")  
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70  
 MIXTURE COMPOSITION: IL-9.5  
 FRICTION AGGREGATE: MIXTURE C

BASE COURSE WIDENING  
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N70  
 PG GRADE: PG 64-22  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70  
 MIXTURE COMPOSITION: IL-19.0  
 FRICTION AGGREGATE: N/A

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

BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/50 YD
AGGREGATE (PRIME COAT)	4 LBS/50 YD
HOT-MIX ASPHALT	112 LBS/50 YD/INCH
AGGREGATE MATERIAL	2.05 TON/CU. YD.

FILE NAME: c:\pwwork\pwwork\staff\enmk\d014748\07	USER NAME: staff/enmk	DESIGNED: -	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>			F.A.P. R.I.E.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4409-shi-under.dgn	DRAWN: -	REVISED: -		116	(124,125,126)RS-3	RICHLAND	60	3			
	PLOT SCALE: 100.0000' / in.	CHECKED: -	REVISED: -		CONTRACT NO. 74409							
	PLOT DATE: 3/14/2013	DATE: -	REVISED: -		SCALE: NA	SHEET NO. 1	OF 1	SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

80% FED  
20% STATE

80% FED  
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0014	
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	982	982		
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SO YD	362	362		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	238	238		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	15793	15793		
40600300	AGGREGATE (PRIME COAT)	TON	316	316		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	5821	5821		
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	812	812		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	941	941		
40600990	TEMPORARY RAMP	SO YD	179	179		
40603315	HOT-MIX ASPHALT SURFACE COURSE, "C", N70	MIX TON	12807	12807		
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	1762	1762		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0014	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	137	137		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	19972	19972		
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SO YD	2947	2947		
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SO YD	1024	1024		
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SO YD	1301	1301		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2783	2783		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	215	215		
50102400	CONCRETE REMOVAL	CU YD	12.4		12.4	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	12.4		12.4	
50300300	PROTECTIVE COAT	SO YD	30		30	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2080		2080	
50800515	BAR SPLICERS	EACH	12		12	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	44		44	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	24		24	

FILE NAME :	USER NAME : staffanek	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/18/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.	F.A.P. RTE. 116	SECTION (124,125,126)RS-3	COUNTY RICHLAND	TOTAL SHEETS 60	SHEET NO. 4
CONTRACT NO. 74409								ILLINOIS FED. AID PROJECT

80% FED.  
20% STATE

80% FED.  
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0014	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5		5	
67100100	MOBILIZATION	L SUM	1	1		
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1		1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	2	2		
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1	
*70300100	SHORT-TERM PAVEMENT MARKING	FOOT	22628	22628		
*70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	94	94		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0014	
*70300220	TEMPORARY PAVEMENT MARKING LINE 4"	FOOT	150420	150420		
*70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	304	304		
*70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	554	554		
*70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	32	32		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	52927	52927		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	325		325	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	325		325	
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2		2	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2		2	
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	94	94		
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	24700	24700		
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	304	304		

\*SPECIALTY ITEM

FILE NAME : c:\pwwork\pwwork\stef.fennk\d0147948107	USER NAME : stef.fennk	DESIGNED - DRAWN -	REVISIONS - REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES			F.A.P. RTE. 116	SECTION 124,125,126RS-3	COUNTY RICHLAND	TOTAL SHEETS 60	SHEET NO. 5
PLOT SCALE : 100.0000 / in.	CHECKED - DATE -	REVISIONS - REVISIONS -	SCALE: NA						SHEET NO. 2 OF 3 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 74409		

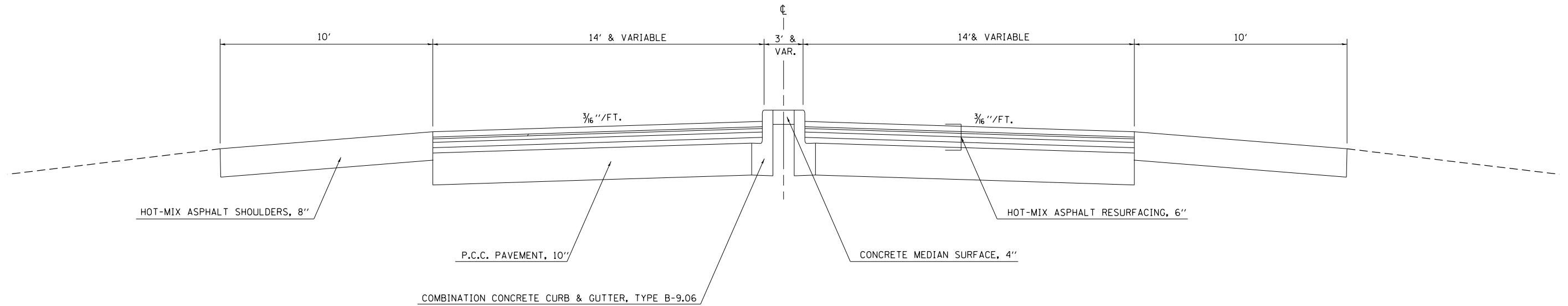
80% FED.  
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005	0014
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	554	554	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	32	32	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	126720	126720	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	977	977	
78300100	PAVEMENT MARKING REMOVAL	SO FT	423	331	92
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2	2	
X4060995	TEMPORARY RAMP, SPECIAL	SO YD	452	452	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	137036	137036	
X4421000	PARTIAL DEPTH PATCHING	TON	4592	4592	
X4422000	PARTIAL DEPTH REMOVAL (VARIABLE DEPTH)	SO YD	13667	13667	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	

\*SPECIALTY ITEM

### EXISTING TYPICAL CROSS SECTION

STA. 60+78.94 TO STA. 63+01.55

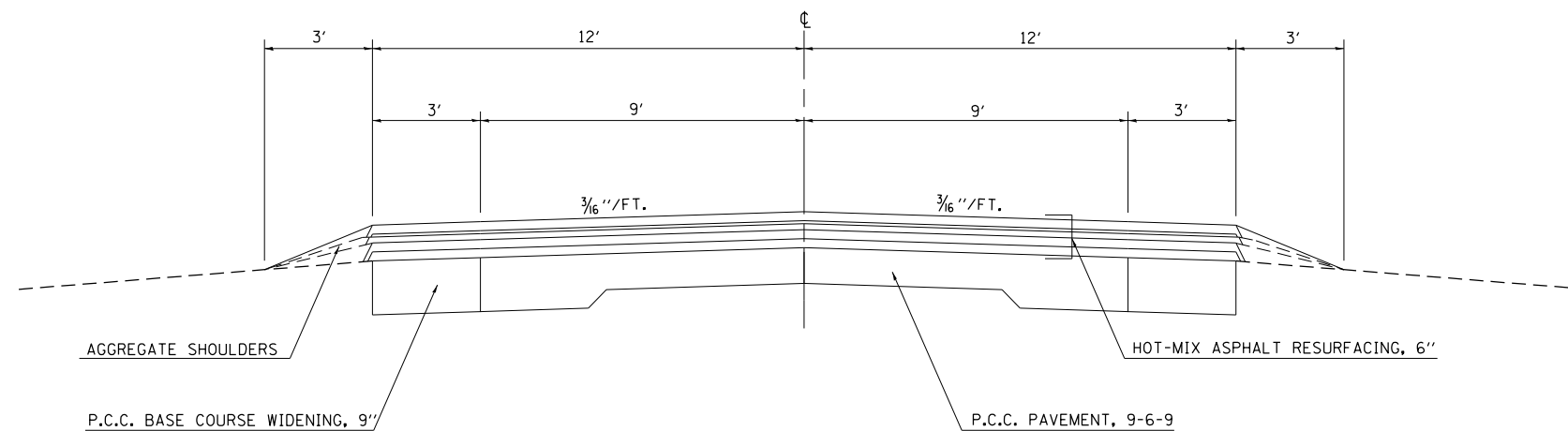


NOTE: NOT TO SCALE

### EXISTING TYPICAL CROSS SECTION

STA. 63+01.55 TO STA. 66+57.49 (12' - 15' VAR. WIDTH)  
 STA. 66+57.49 TO STA. 68+05.66  
 STA. 68+05.66 (BK) = STA. 69+15.16 (AH)  
 STA. 69+15.16 TO STA. 92+27.90  
 STA. 104+64.50 TO STA. 109+49.00  
 STA. 123+52.00 TO STA. 461+00.90

STA. 470+71.10 TO STA. 509+10.40  
 STA. 509+10.40 (BK) = STA. 509+10.90 (AH)  
 STA. 509+10.90 TO STA. 563+49.50  
 STA. 572+85.70 TO STA. 605+05.78  
 STA. 605+05.78 (BK) = STA. 605+07.60 (AH)  
 STA. 605+07.60 TO STA. 631+88.00

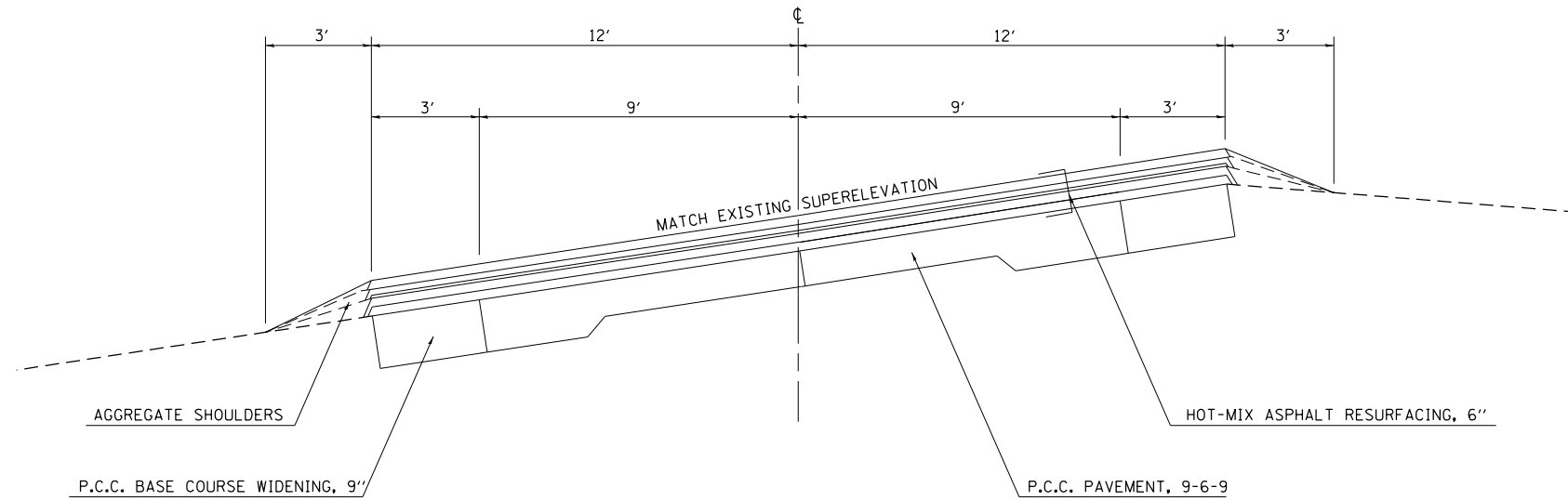


NOTE: NOT TO SCALE

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	ci:\pwork\pwork\dot\stefjenmk\d0147948\074409-sh-typical1.dgn	DRAWN -	REVISED -			116	(124,125,126)RS-3	RICHLAND	60	7
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -							
	PLOT DATE = 3/14/2013	DATE -	REVISED -							
					SCALE: NA	SHEET NO. 1 OF 3 SHEETS		STA.	TO STA.	
ILLINOIS FED. AID PROJECT										

### EXISTING TYPICAL CROSS SECTION

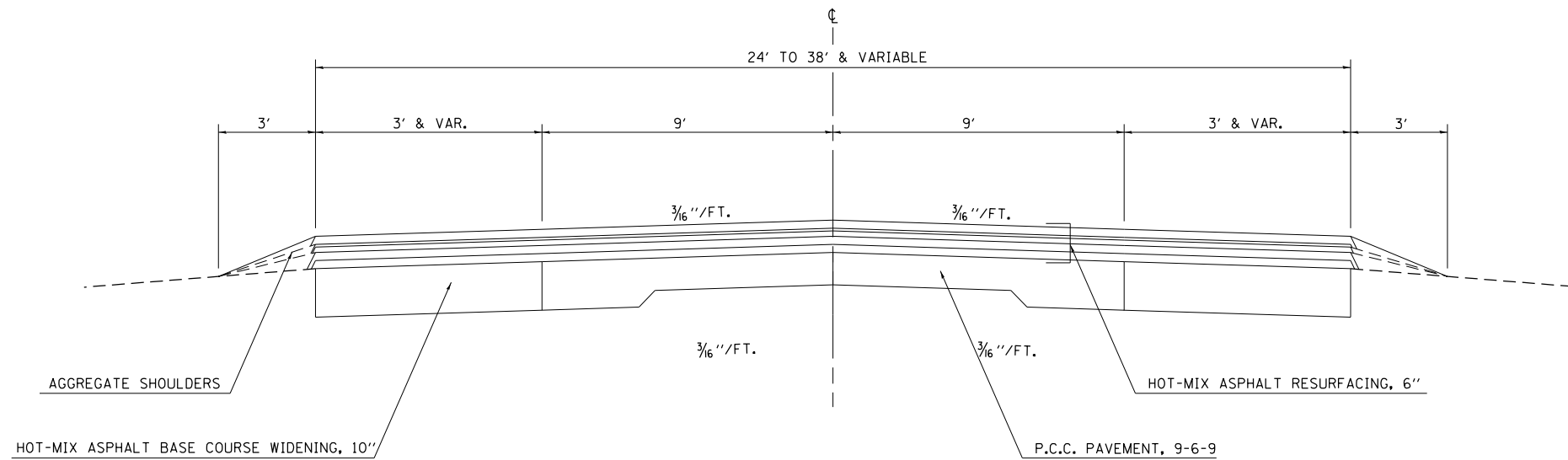
STA. 92+27.90 TO STA. 104+14.17  
 STA. 104+14.17 (BK) = STA. 104+64.50 (AH)



NOTE: NOT TO SCALE

### EXISTING TYPICAL CROSS SECTION

STA. 109+49.00 TO STA. 123+52.00



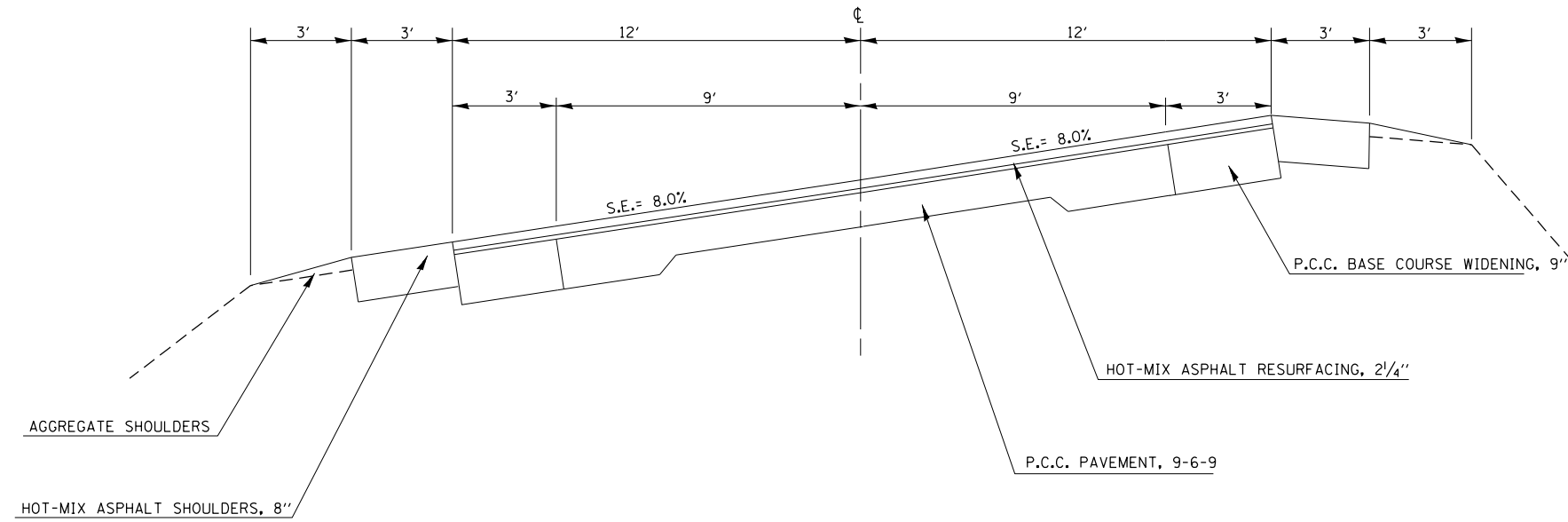
NOTE: NOT TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL CROSS SECTION</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\dot\steffenmk\d0147948\0774409-sh-typical1.dgn		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	116	(124,125,126)RS-3	RICHLAND	60	8
		CHECKED -	REVISED -					<b>CONTRACT NO. 74409</b>					
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT					



**EXISTING TYPICAL CROSS SECTION**

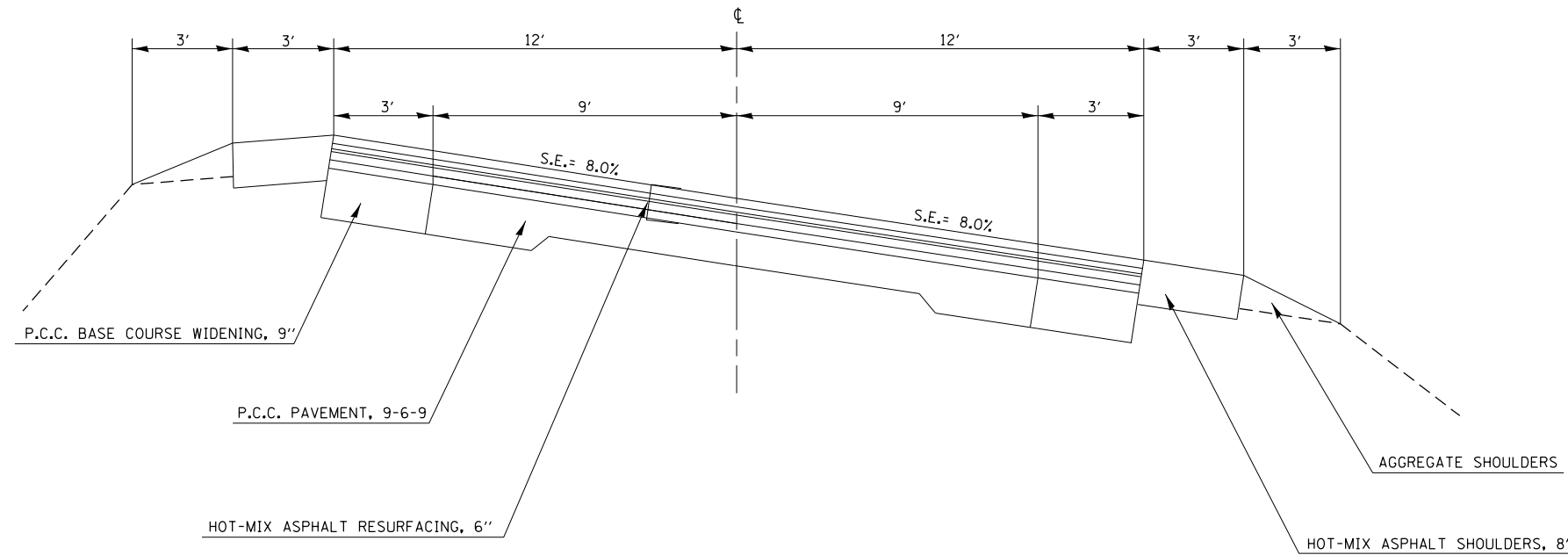
STA. 461+00.90 TO STA. 470+16.90  
 STA. 470+16.91 (BK) = STA. 470+71.10 (AH)



NOTE: NOT TO SCALE

**EXISTING TYPICAL CROSS SECTION**

STA. 563+49.50 TO STA. 572+25.97  
 STA. 572+25.97 (BK) = STA. 572+85.70 (AH)

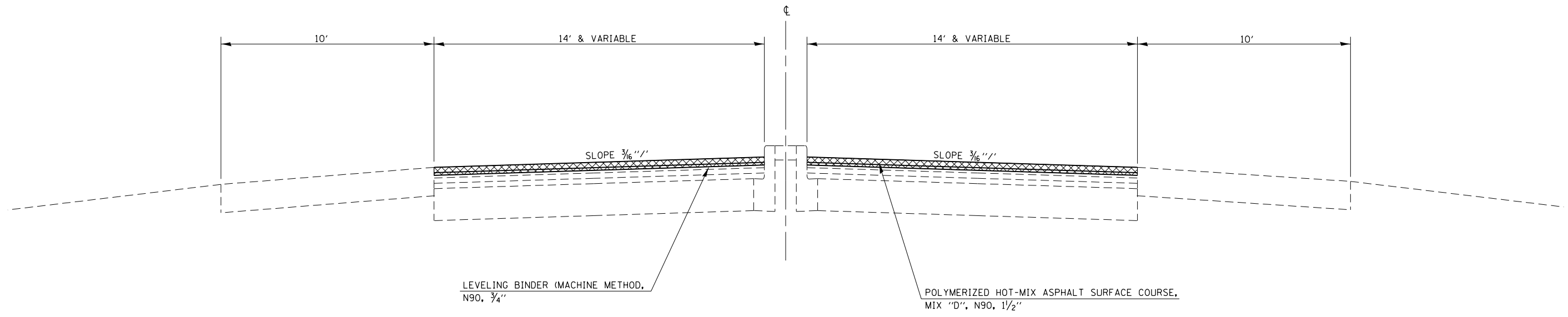


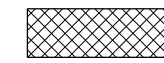
NOTE: NOT TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL CROSS SECTION</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\stefhenmk\d0147948\0774409-sh-typical1.dgn		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	116	(124,125,126)RS-3	RICHLAND	60	9
		CHECKED -	REVISED -					<b>CONTRACT NO. 74409</b>					
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT					

**PROPOSED TYPICAL CROSS SECTION**

STA. 60+78.94 TO STA. 63+01.55

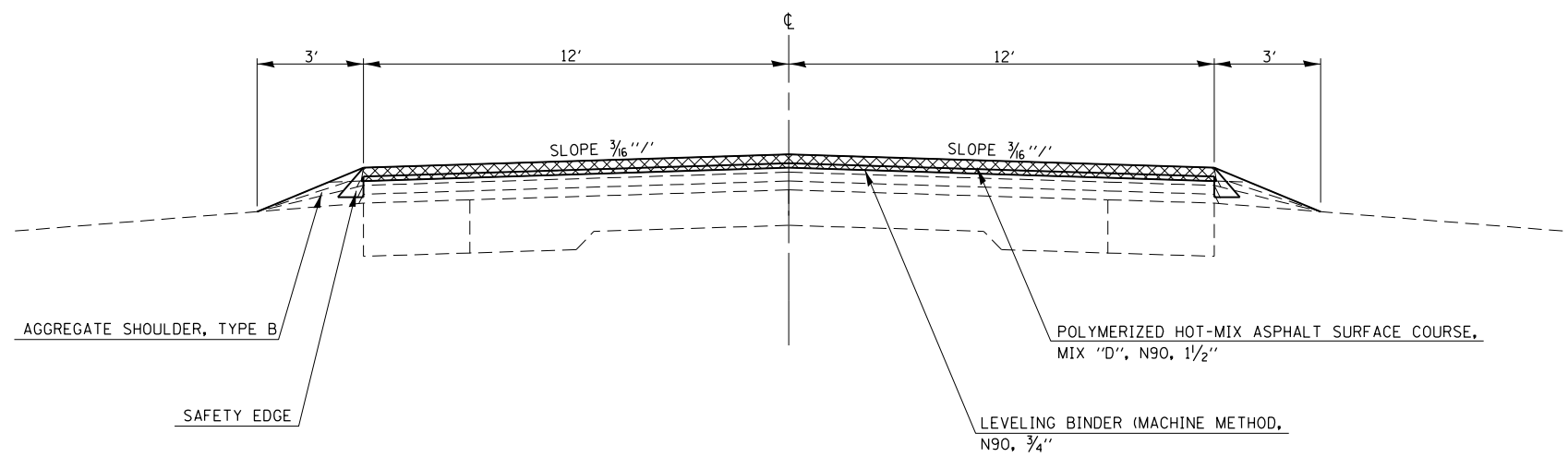


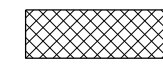
 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4''

NOTE: NOT TO SCALE

**PROPOSED TYPICAL CROSS SECTION**

STA. 63+01.55 TO STA. 66+57.49 (12' -15' VAR. WIDTH)  
 STA. 66+57.49 TO STA. 68+05.66  
 STA. 68+05.66 (BK) = STA. 69+15.16 (AH)  
 STA. 69+15.16 TO STA. 92+27.90  
 STA. 104+64.50 TO STA. 109+49.00



 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4''

NOTE: NOT TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ct:\pw\work\p\dot\stefenmk\d0147948\074409-sh-typical1.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -
PLOT DATE = 3/14/2013		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

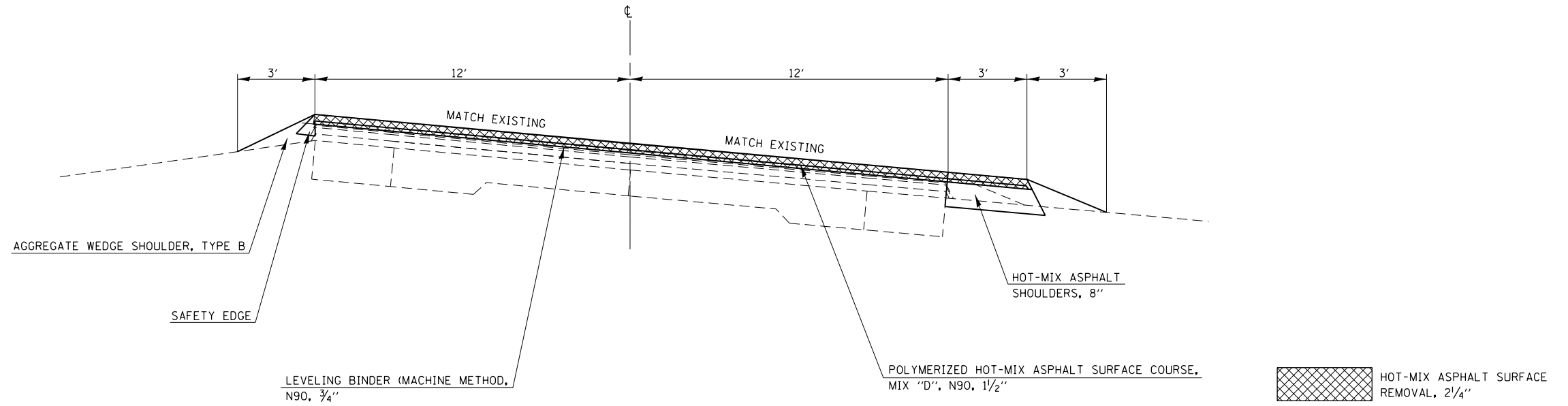
**PROPOSED TYPICAL CROSS SECTION**

SCALE: NA SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	10
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				

**PROPOSED TYPICAL CROSS SECTION**

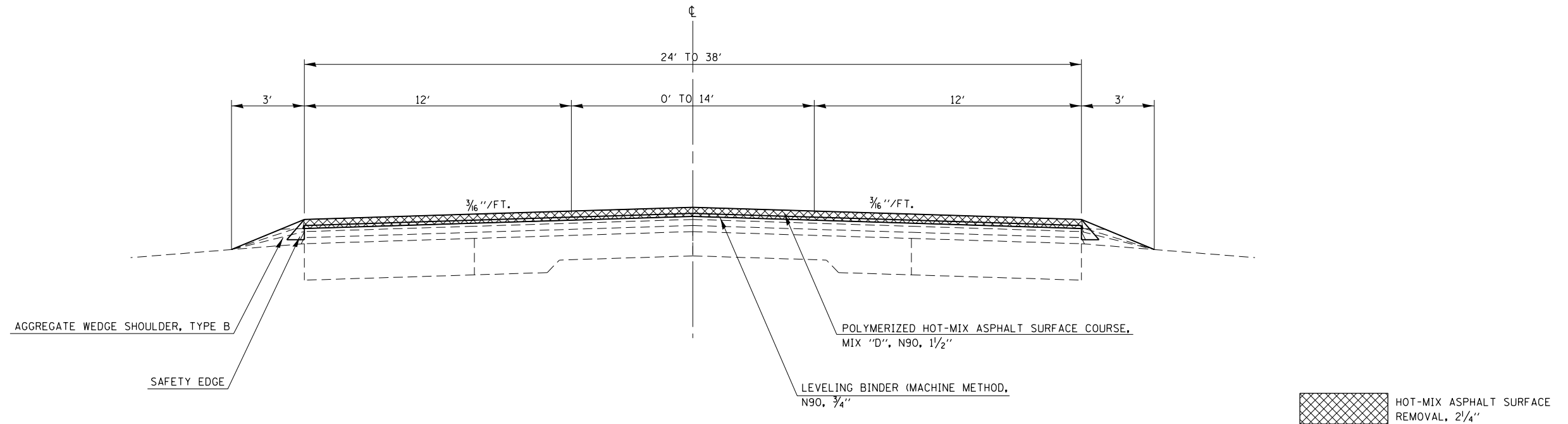
STA. 92+27.90 TO STA. 104+14.17  
 STA. 104+14.17 (BK) = STA. 104+64.50 (AH)



NOTE: NOT TO SCALE

**PROPOSED TYPICAL CROSS SECTION**

STA. 109+49.00 TO STA. 123+52.00

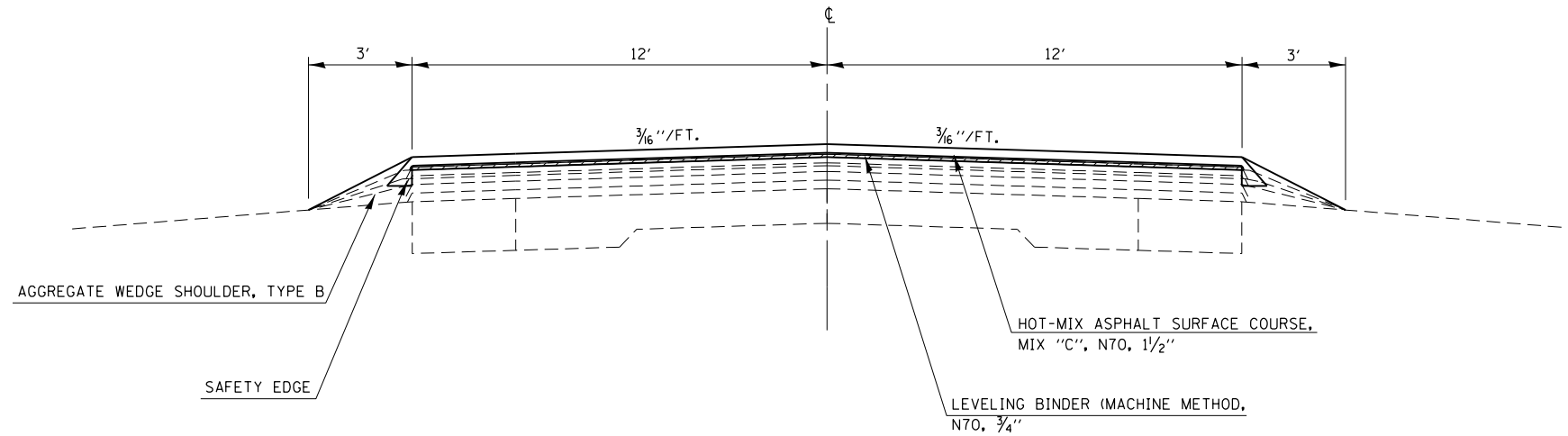



NOTE: NOT TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL CROSS SECTION</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\stevfenmk\d0147948\074409-sh-typical1.dgn		DRAWN -	REVISED -		116	(124,125,126)RS-3	RICHLAND	60	11			
PLOT SCALE = 100.0000' / 1" =		CHECKED -	REVISED -		CONTRACT NO. 74409			ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/14/2013		DATE -	REVISED -		SCALE: NA	SHEET NO. 2 OF 4 SHEETS	STA. TO STA.					

**PROPOSED TYPICAL CROSS SECTION**

STA. 123+52.00 TO STA. 461+00.90  
 STA. 470+71.10 TO STA. 509+10.40  
 STA. 509+10.40 (BK) = STA. 509+10.90 (AH)  
 STA. 509+10.90 TO STA. 563+49.50  
 STA. 572+85.70 TO STA. 605+05.78  
 STA. 605+05.78 (BK) = STA. 605+07.60 (AH)  
 STA. 605+07.60 TO STA. 631+88.00

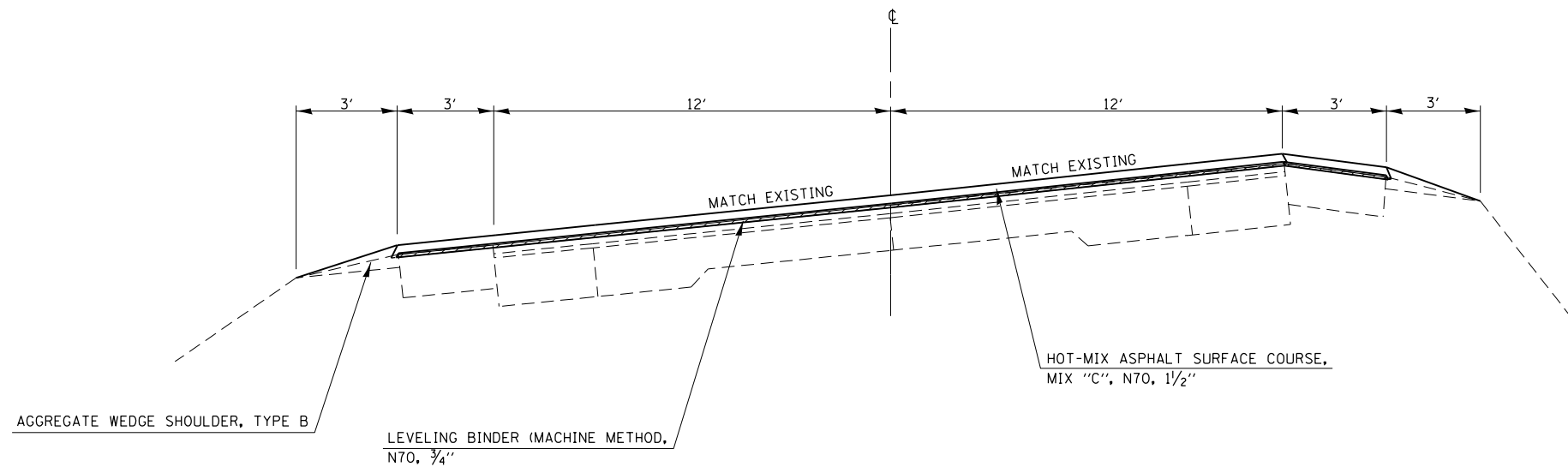



 HOT-MIX ASPHALT SURFACE REMOVAL, (VARIABLE DEPTH)

NOTE: NOT TO SCALE

**PROPOSED TYPICAL CROSS SECTION**

STA. 461+00.90 TO STA. 470+16.90  
 STA. 470+16.90 (BK) = STA. 470+71.10 (AH)



 HOT-MIX ASPHALT SURFACE REMOVAL, (VARIABLE DEPTH)

NOTE: NOT TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ci:\pwork\pwork\dot\steffenmk\d0147948\074409-sh-typical1.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

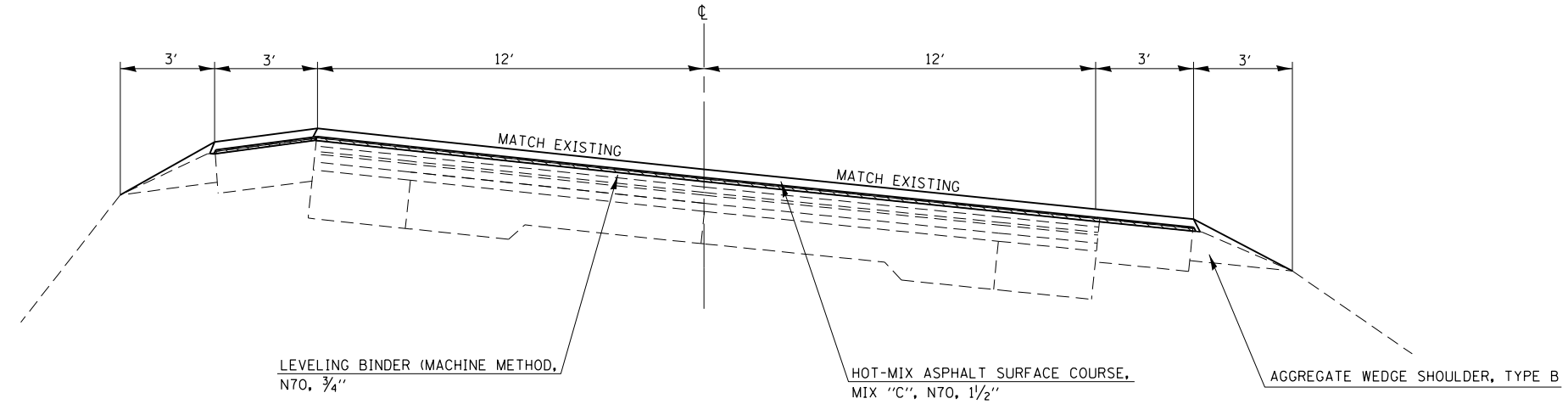
**PROPOSED TYPICAL CROSS SECTION**


SCALE: NA SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	12
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				

**PROPOSED TYPICAL CROSS SECTION**

STA. 563+49.50 TO STA. 572+25.97  
 STA. 572+25.97 (BK) = STA. 572+85.70 (AH)



 HOT-MIX ASPHALT SURFACE REMOVAL, (VARIABLE DEPTH)

NOTE: NOT TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
c:\pwork\pwork\steflenmk\d0147948\074409-sh-typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL CROSS SECTION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	13
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE			LENGTH	PAVEMENT WIDTH	SHOULDER WIDTH	AREA	EXCAVATING AND GRADING EXISTING SHOULDER	AGGREGATE WEDGE SHOULDER, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT)	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	LEVELING BINDER (MACHINE METHOD), N70	LEVELING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SHOULDERS, 8"
STATION	TO	STATION	FEET	FEET	FEET	SQ YD	UNIT	TON	GALLON	TON	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON	TON
60+78.94	TO	66+57.49	578.6	Variable	10.0	2,026.7	0.0	16.6	262.5	5.2	0.0	2624.5	0.0	0.0	110.2	0.0	220.5	0.0	0.0
66+57.49	TO	68+50.66	193.2	24.0	6.0	515.1	3.9	11.0	51.5	1.0	0.0	515.1	0.0	0.0	21.6	0.0	47.8	0.0	0.0
68+50.66 BK	=	69+51.16 AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69+51.16	TO	91+89.55	2,238.4	24.0	6.0	5,969.0	37.3	84.8	596.9	11.9	0.0	5969.0	0.0	0.0	250.7	0.0	553.6	0.0	0.0
91+89.55	TO	104+17.17	1,227.6	27.0	3.0	3,682.9	8.6	35.0	409.2	8.2	0.0	4092.1	0.0	0.0	171.9	0.0	372.3	0.0	409.2
104+17.17 BK	=	104+64.50 AH	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104+64.50	TO	106+77.87	213.4	24.0	3.0	569.0	1.4	6.1	64.0	1.3	0.0	640.1	0.0	0.0	26.9	0.0	58.7	0.0	71.1
106+77.87	TO	109+49.00	271.1	24.0	6.0	723.0	2.1	2.5	72.3	1.4	0.0	723.0	0.0	0.0	30.4	0.0	67.1	0.0	0.0
109+49.00	TO	113+93.00	444.0	Variable	6.0	1,233.3	8.2	21.0	123.3	2.5	0.0	1233.3	0.0	0.0	51.8	0.0	113.9	0.0	0.0
113+93.00	TO	120+00.00	607.0	38.0	6.0	2,562.9	7.0	5.3	256.3	5.1	0.0	2562.9	0.0	0.0	107.6	0.0	229.4	0.0	0.0
120+00.00	TO	123+52.00	352.0	Variable	6.0	977.8	7.0	20.0	97.8	2.0	0.0	977.8	0.0	0.0	41.1	0.0	90.3	0.0	0.0
123+52.00	TO	123+87.00	35.0	24.0	6.0	93.3	0.7	2.0	9.3	0.2	0.0	0.0	93.3	3.9	0.0	0.0	8.7	0.0	0.0
123+87.00	TO	143+26.80	1,939.8	24.0	6.0	5,172.8	34.6	91.3	517.3	10.3	0.0	0.0	5172.8	217.3	0.0	479.7	0.0	23.8	0.0
143+26.80	TO	165+88.00	2,261.2	24.0	6.0	6,029.9	41.0	109.6	603.0	12.1	0.0	0.0	6029.9	253.3	0.0	559.2	0.0	0.0	0.0
165+88.00	TO	166+91.00	103.0	24.0	6.0	274.7	0.0	5.9	37.8	0.8	0.0	0.0	378.5	15.9	0.0	34.2	0.0	0.0	0.0
166+91.00	TO	167+26.00	35.0	24.0	0.0	93.3	0.0	0.0	15.6	0.3	155.6	0.0	0.0	6.5	0.0	13.9	0.0	0.0	0.0
167+26.00	TO	169+26.00	200.0	24.0	0.0	533.3	0.0	0.0	53.3	1.1	0.0	0.0	533.3	22.4	0.0	0.0	0.0	0.0	0.0
169+26.00	TO	169+61.00	35.0	24.0	0.0	93.3	0.0	0.0	15.6	0.3	155.6	0.0	0.0	6.5	0.0	13.9	0.0	0.0	0.0
169+61.00	TO	170+71.00	110.0	24.0	6.0	293.3	0.0	6.3	40.3	0.8	0.0	0.0	403.3	16.9	0.0	36.4	0.0	0.0	0.0
170+71.00	TO	228+39.00	5,768.0	24.0	6.0	15,381.3	113.4	319.1	1,538.1	30.8	0.0	0.0	15381.3	646.0	0.0	1,426.4	0.0	9.2	0.0
228+39.00	TO	229+16.00	77.0	24.0	6.0	205.3	0.8	4.4	25.7	0.5	0.0	0.0	257.3	10.8	0.0	23.4	0.0	0.0	0.0
229+16.00	TO	230+49.00	133.0	24.0	4.0	354.7	0.0	5.0	60.3	1.2	0.0	0.0	603.2	25.3	0.0	53.8	0.0	0.0	0.0
230+49.00	TO	230+84.00	35.0	24.0	0.0	93.3	0.0	0.0	16.3	0.3	163.3	0.0	0.0	6.9	0.0	14.5	0.0	0.0	0.0
230+84.00	TO	232+23.00	139.0	24.0	0.0	370.7	0.0	0.0	37.1	0.7	0.0	0.0	370.7	15.6	0.0	0.0	0.0	0.0	0.0
232+23.00	TO	232+58.00	35.0	24.0	0.0	93.3	0.0	0.0	16.3	0.3	163.3	0.0	0.0	6.9	0.0	14.5	0.0	0.0	0.0
232+58.00	TO	233+97.00	139.0	24.0	4.0	370.7	0.0	5.3	62.4	1.2	0.0	0.0	623.7	26.2	0.0	55.6	0.0	0.0	0.0
233+97.00	TO	235+09.00	112.0	24.0	6.0	298.7	1.1	6.4	38.6	0.8	0.0	0.0	385.7	16.2	0.0	35.0	0.0	0.0	0.0
235+09.00	TO	249+71.00	1,462.0	24.0	6.0	3,898.7	29.0	75.3	389.9	7.8	0.0	0.0	3898.7	163.7	0.0	361.6	0.0	7.6	0.0
249+71.00	TO	272+44.00	2,273.0	24.0	6.0	6,061.3	45.2	129.4	606.1	12.1	0.0	0.0	6061.3	254.6	0.0	562.1	0.0	0.0	0.0
272+44.00	TO	272+79.00	35.0	24.0	6.0	93.3	0.7	2.0	9.3	0.2	0.0	0.0	93.3	3.9	0.0	8.7	0.0	0.0	0.0
272+79.00	TO	273+41.00	62.0	24.0	6.0	165.3	1.2	3.5	16.5	0.3	0.0	165.3	0.0	6.9	0.0	15.3	0.0	0.0	0.0
273+41.00	TO	273+76.00	35.0	24.0	6.0	93.3	0.7	2.0	9.3	0.2	0.0	0.0	93.3	3.9	0.0	8.7	0.0	0.0	0.0
273+76.00	TO	295+45.05	2,169.1	24.0	6.0	5,784.1	42.1	116.3	578.4	11.6	0.0	0.0	5784.1	242.9	0.0	536.4	0.0	7.9	0.0
295+45.05	TO	295+80.05	35.0	24.0	6.0	93.3	0.7	2.0	9.3	0.2	0.0	0.0	93.3	3.9	0.0	8.7	0.0	0.0	0.0
295+80.05	TO	296+20.10	40.0	24.0	6.0	106.8	0.8	2.3	10.7	0.2	0.0	106.8	0.0	4.5	0.0	9.9	0.0	0.0	0.0
SHEET TOTALS			17,282			64,308	387	1,090	6,650	133	638	19,610	46,257	1,981	812	4,272	1,762	49	480

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 1 OF 7 SHEETS	STA.	TO STA.	116	(124,125,126)RS-3	RICHLAND	60	14
		CHECKED -	REVISED -						CONTRACT NO. 74409				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE (Cont' d)			LENGTH	PAVEMENT WIDTH	SHOULDER WIDTH	AREA	EXCAVATING AND GRADING EXISTING SHOULDER	AGGREGATE WEDGE SHOULDER, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT)	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	LEVELING BINDER (MACHINE METHOD), N70	LEVELING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SHOULDERS, 8'
STATION	TO	STATION	FEET	FEET	FEET	SQ YD	UNIT	TON	GALLON	TON	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON	TON
296+20.10	TO	296+55.10	35.0	24.0	6.0	93.3	0.7	2.0	9.3	0.2	0.0	0.0	93.3	3.9	0.0	8.7	0.0		0.0
296+55.10	TO	309+15.41	1,260.3	24.0	6.0	3,360.8	24.8	69.5	336.1	6.7	0.0	0.0	3360.8	141.2	0.0	311.7	0.0	3.2	0.0
309+15.41	TO	309+50.41	35.0	24.0	6.0	93.3	0.7	2.0	9.3	0.2	0.0	0.0	93.3	3.9	0.0	8.7	0.0		0.0
309+50.41	TO	310+24.36	74.0	24.0	6.0	197.2	1.5	4.2	19.7	0.4	0.0	197.2	0.0	8.3	0.0	18.3	0.0		0.0
310+24.36	TO	310+59.36	35.0	24.0	6.0	93.3	0.7	2.0	9.3	0.2	0.0	0.0	93.3	3.9	0.0	8.7	0.0		0.0
310+59.36	TO	328+44.05	1,784.7	24.0	6.0	4,759.2	35.5	101.6	475.9	9.5	0.0	0.0	4759.2	199.9	0.0	441.4	0.0		0.0
328+44.05	TO	328+79.05	35.0	24.0	6.0	93.3	0.4	0.0	9.3	0.2	0.0	0.0	93.3	3.9	0.0	8.7	0.0	4.6	0.0
328+79.05	TO	329+40.95	61.9	24.0	6.0	165.1	0.6	3.5	16.5	0.3	0.0	165.1	0.0	6.9	0.0	15.3	0.0		0.0
329+40.95	TO	329+75.95	35.0	24.0	6.0	93.3	0.4	0.0	9.3	0.2	0.0	0.0	93.3	3.9	0.0	8.7	0.0		0.0
329+75.95	TO	437+50.00	10,774.1	24.0	6.0	28,730.8	208.4	585.3	2,873.1	57.5	0.0	0.0	28730.8	1206.7	0.0	2,664.4	0.0	36.5	0.0
437+50.00	TO	457+76.09	2,026.1	24.0	6.0	5,402.9	40.5	115.4	540.3	10.8	0.0	0.0	5402.9	226.9	0.0	501.1	0.0		0.0
457+76.09	TO	470+16.90	1,240.8	30.0	0.0	4,136.0	0.0	0.0	496.3	9.9	0.0	0.0	4963.2	208.5	0.0	445.8	0.0	3.5	0.0
470+16.90 B	=	470+71.1 AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
470+71.10	TO	473+55.29	284.2	24.0	0.0	757.8	0.0	0.0	94.7	1.9	0.0	0.0	947.3	39.8	0.0	86.2	0.0		0.0
473+55.29	TO	509+10.40	3,555.1	24.0	6.0	9,480.3	70.0	196.1	948.0	19.0	0.0	0.0	9480.3	398.2	0.0	879.2	0.0	7.6	0.0
509+10.4 BK	=	509+10.9 AH	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
509+10.90	TO	534+16.32	2,505.4	24.0	6.0	6,681.1	48.2	142.7	668.1	13.4	0.0	0.0	6681.1	280.6	0.0	619.6	0.0		0.0
534+16.32	TO	534+51.32	35.0	24.0	6.0	93.3	0.0	2.0	9.3	0.2	101.1	0.0	0.0	3.9	0.0	8.7	0.0		0.0
534+51.32	TO	535+95.64	144.3	NA	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
535+95.64	TO	536+30.64	35.0	24.0	6.0	93.3	0.0	2.0	9.3	0.2	101.1	0.0	0.0	3.9	0.0	8.7	0.0		0.0
536+30.64	TO	561+49.50	2,518.9	24.0	6.0	6,717.0	46.0	129.4	671.7	13.4	0.0	0.0	6717.0	282.1	0.0	622.9	0.0	14.3	0.0
561+49.50	TO	572+25.97	1,076.5	30.0	0.0	3,588.2	0.0	0.0	430.6	8.6	0.0	0.0	4305.8	180.8	0.0	386.8	0.0	4.6	0.0
572+25.97 B	=	572+85.70 AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
572+85.70	TO	574+85.70	200.0	24.0	0.0	533.3	0.0	0.0	66.7	1.3	0.0	0.0	666.6	28.0	0.0	60.7	0.0		0.0
574+85.70	TO	605+05.78	3,020.1	24.0	6.0	8,053.5	58.9	163.2	805.4	16.1	0.0	0.0	8053.5	338.2	0.0	746.9	0.0	10.1	0.0
605+05.78 B	=	605+07.60 AH	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
605+07.60	TO	631+88.00	2,680.4	24.0	6.0	7,147.7	53.2	152.6	714.8	14.3	0.0	0.0	7147.7	300.2	0.0	662.9	0.0		0.0
631+88.00	TO	632+23.00	35.0	24.0	6.0	93.3	0.4	0.0	9.3	0.2	101.1	0.0	0.0	3.9	0.0	8.7	0.0	4.4	0.0
SHEET TOTALS			33,487			90,458	591	1,674	9,233	185	303	362	91,683	3,878	0	8,532	0	89	0
PROJECT TOTALS			50,769			154,766	978	2,764	15,883	318	941	19,972	137,940	5,859	812	12,804	1,762	137	480

PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING SCHEDULE			LENGTH	SHORT-TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING- LETTER AND SYMBOLS	TEMPORARY PAVEMENT MARKING-LINE 4"	TEMPORARY PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	TEMPORARY PAVEMENT MARKING-LINE 4" (WHITE)	TEMPORARY PAVEMENT MARKING-LINE 6"	TEMPORARY PAVEMENT MARKING-LINE 12"	TEMPORARY PAVEMENT MARKING-LINE 24"	WORK ZONE PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING-LINE 4" (YELLOW)	PAINT PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	PAINT PAVEMENT MARKING-LINE 4" (WHITE)	THERMOPLASTIC PAVEMENT MARKING-LETTERS & SYMBOLS	THERMOPLASTIC PAVEMENT MARKING-LINE 4" (YELLOW)	THERMOPLASTIC PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	THERMOPLASTIC PAVEMENT MARKING-LINE 4" (WHITE)	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER, MONO-DIRECTIONAL (CRYSTAL)	RAISED REFLECTIVE PAVEMENT MARKER, MONO-DIRECTIONAL (AMBER)	RAISED REFLECTIVE PAVEMENT MARKER, BI-DIRECTIONAL (AMBER)
STATION	TO	STATION	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH
59+74.50	TO	60+78.94	104.4	10.4	31.2	331.1	0.0	0.0	87.0	0.0	31.7	277.4	0.0	0.0	0.0	31.2	331.1	0.0	0.0	87.0	0.0	31.7	3	0	0
60+78.94	TO	62+99.06	220.1	0.0	0.0	1,351.6	0.0	399.2	0.0	0.0	0.0	583.7	0.0	0.0	0.0	0.0	1,351.6	0.0	399.2	0.0	0.0	0.0	0	0	0
62+99.06	TO	65+24.51	225.5	90.2	0.0	0.0	0.0	158.2	0.0	133.8	0.0	194.0	0.0	0.0	0.0	0.0	0.0	0.0	158.2	0.0	133.8	0.0	0	11	1
65+24.51	TO	66+21.48	97.0	38.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
66+21.48	TO	68+50.66	229.2	91.7	0.0	458.4	0.0	414.3	0.0	0.0	0.0	298.6	0.0	0.0	0.0	0.0	458.4	0.0	414.3	0.0	0.0	0.0	0	0	6
68+50.66BK	=	69+15.16AH															0.0	0.0	0.0						0
69+15.16	TO	72+52.42	337.3	134.9	0.0	674.5	0.0	518.7	0.0	0.0	0.0	409.1	0.0	0.0	0.0	0.0	674.5	0.0	518.7	0.0	0.0	0.0	0	0	8
72+52.42	TO	75+61.17	308.8	123.5	0.0	0.0	77.2	411.5	0.0	0.0	0.0	173.2	0.0	0.0	0.0	0.0	0.0	77.2	411.5	0.0	0.0	0.0	0	0	4
75+61.17	TO	83+99.17	838.0	335.2	0.0	838.0	209.5	1,580.8	0.0	0.0	0.0	904.2	0.0	0.0	0.0	0.0	838.0	209.5	1,580.8	0.0	0.0	0.0	0	0	10
83+99.17	TO	104+14.17	2,015.0	806.0	0.0	4,030.0	0.0	3,166.4	0.0	0.0	0.0	2,466.5	0.0	0.0	0.0	0.0	4,030.0	0.0	3,166.4	0.0	0.0	0.0	0	0	50
104+14.17BK	=	104+64.50AH															0.0	0.0	0.0						0
104+64.50	TO	109+49.00	484.5	193.8	0.0	969.0	0.0	560.3	0.0	0.0	0.0	526.0	0.0	0.0	0.0	0.0	969.0	0.0	560.3	0.0	0.0	0.0	0	0	14
109+49.00	TO	116+45.89	696.9	278.8	31.2	2,792.1	0.0	1,110.4	100.0	230.6	0.0	1,636.1	0.0	0.0	0.0	31.2	2,792.1	0.0	1,110.4	100.0	230.6	0.0	3	36	3
116+45.89	TO	117+17.14	71.2	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
117+17.14	TO	123+52.00	634.9	253.9	31.2	2,543.9	0.0	1,104.5	100.0	189.2	0.0	1,508.0	0.0	0.0	0.0	31.2	2,543.9	0.0	1,104.5	100.0	189.2	0.0	3	34	3
123+52.00	TO	128+52.00	500.0	200.0	0.0	1,000.0	0.0	1,000.0	0.0	0.0	0.0	683.5	1,000.0	0.0	1,000.0	0.0	0.0	0.0	1,000.0	0.0	0.0	0.0	0	0	14
128+52.00	TO	143+26.80	1,474.8	589.9	0.0	0.0	368.7	2,749.6	0.0	0.0	0.0	1,088.8	0.0	368.7	2,749.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	18
143+26.80	TO	166+80.00	2,353.2	941.3	0.0	0.0	588.3	4,506.4	0.0	0.0	0.0	1,777.0	0.0	588.3	4,506.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	29
166+80.00	TO	176+71.00	991.0	396.4	0.0	991.0	247.8	1,948.0	0.0	0.0	0.0	1,095.5	991.0	247.8	1,948.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	10
176+71.00	TO	187+51.00	1,080.0	432.0	0.0	2,160.0	0.0	2,160.0	0.0	0.0	0.0	1,476.3	2,160.0	0.0	2,160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	27
187+51.00	TO	196+01.00	850.0	340.0	0.0	850.0	212.5	1,700.0	0.0	0.0	0.0	949.4	850.0	212.5	1,700.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	11
196+01.00	TO	230+84.00	3,483.0	1,393.2	0.0	0.0	870.8	6,863.0	0.0	0.0	0.0	2,694.6	0.0	870.8	6,863.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	44
230+84.00	TO	238+48.00	764.0	305.6	0.0	764.0	191.0	1,528.0	0.0	0.0	0.0	853.3	764.0	191.0	1,528.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	10
238+48.00	TO	240+69.00	221.0	88.4	0.0	0.0	55.3	442.0	0.0	0.0	0.0	173.2	0.0	55.3	442.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	3
240+69.00	TO	246+39.00	570.0	228.0	0.0	570.0	142.5	1,140.0	0.0	0.0	0.0	636.6	570.0	142.5	1,140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	7
246+39.00	TO	275+40.00	2,901.0	1,160.4	0.0	0.0	725.3	5,746.0	0.0	0.0	0.0	2,254.2	0.0	725.3	5,746.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	36
275+40.00	TO	280+54.00	514.0	205.6	0.0	514.0	128.5	932.0	0.0	0.0	0.0	542.1	514.0	128.5	932.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	6
280+54.00	TO	290+40.00	986.0	394.4	0.0	0.0	246.5	1,972.0	0.0	0.0	0.0	772.5	0.0	246.5	1,972.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	12
290+40.00	TO	295+52.00	512.0	204.8	0.0	512.0	128.0	1,024.0	0.0	0.0	0.0	571.8	512.0	128.0	1,024.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	6
295+52.00	TO	311+65.00	1,613.0	645.2	0.0	0.0	403.3	3,106.0	0.0	0.0	0.0	1,223.8	0.0	403.3	3,106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	20
SHEET TOTALS			25,076	9,911	94	21,350	4,595	46,241	287	554	32	25,775	7,361	4,308	36,817	94	13,989	287	10,424	287	554	32	9	81	354

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILEL*		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 3 OF 7 SHEETS	STA.	TO STA.	116	(124,125,126)RS-3	RICHLAND	60	16
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -								CONTRACT NO. 74409		
	PLOT DATE = *DATE*	DATE -	REVISED -								ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING SCHEDULE (Cont' d)			LENGTH	SHORT-TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING- LETTER AND SYMBOLS	TEMPORARY PAVEMENT MARKING-LINE 4"	TEMPORARY PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	TEMPORARY PAVEMENT MARKING-LINE 4" (WHITE)	TEMPORARY PAVEMENT MARKING-LINE 6"	TEMPORARY PAVEMENT MARKING-LINE 12"	TEMPORARY PAVEMENT MARKING-LINE 24"	WORK ZONE PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING-LINE 4" (YELLOW)	PAINT PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	PAINT PAVEMENT MARKING-LINE 4" (WHITE)	THERMOPLASTIC PAVEMENT MARKING-LETTERS & SYMBOLS	THERMOPLASTIC PAVEMENT MARKING-LINE 4" (YELLOW)	THERMOPLASTIC PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	THERMOPLASTIC PAVEMENT MARKING-LINE 4" (WHITE)	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER, MONO-DIRECTIONAL (CRYSTAL)	RAISED REFLECTIVE PAVEMENT MARKER, MONO-DIRECTIONAL (AMBER)	RAISED REFLECTIVE PAVEMENT MARKER, BI-DIRECTIONAL (AMBER)
STATION	TO	STATION	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH
311+65.00	TO	318+38.00	673.0	269.2	0.0	673.0	168.3	1,346.0	0.0	0.0	0.0	751.7	673.0	168.3	1,346.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	8
318+38.00	TO	321+61.00	323.0	129.2	0.0	0.0	80.8	646.0	0.0	0.0	0.0	253.1	0.0	80.8	646.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	4
321+61.00	TO	322+87.00	126.0	50.4	0.0	126.0	31.5	252.0	0.0	0.0	0.0	140.7	126.0	31.5	252.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	2
322+87.00	TO	334+99.00	1,212.0	484.8	0.0	2,424.0	0.0	2,260.0	0.0	0.0	0.0	1,602.1	2,424.0	0.0	2,260.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	30
334+99.00	TO	344+93.00	994.0	397.6	0.0	994.0	248.5	1,988.0	0.0	0.0	0.0	1,110.2	994.0	248.5	1,988.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	12
344+93.00	TO	470+16.09	12,523.1	5,009.2	0.0	0.0	3,130.8	24,750.2	0.0	0.0	0.0	9,713.0	0.0	3,130.8	24,750.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48	0	170
470+16.09	=	470+71.10AH																							
470+71.10	TO	509+10.40	3,839.3	1,535.7	0.0	0.0	959.8	7,574.6	0.0	0.0	0.0	2,973.4	0.0	959.8	7,574.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	48
509+10.40	=	509+10.90AH																							
509+10.90	TO	534+50.00	2,539.1	1,015.6	0.0	0.0	634.8	5,078.2	0.0	0.0	0.0	1,989.4	0.0	634.8	5,078.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	32
534+50.00	TO	535+97.00	147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
535+97.00	TO	538+40.99	244.0	97.6	0.0	0.0	61.0	488.0	0.0	0.0	0.0	191.2	0.0	61.0	488.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	3
538+40.99	TO	546+47.99	807.0	322.8	0.0	807.0	201.8	1,521.0	0.0	0.0	0.0	870.3	807.0	201.8	1,521.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	10
546+47.99	TO	547+95.99	148.0	59.2	0.0	0.0	37.0	296.0	0.0	0.0	0.0	116.0	0.0	37.0	296.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	2
547+95.99	TO	557+93.99	998.0	399.2	0.0	998.0	249.5	1,843.0	0.0	0.0	0.0	1,063.6	998.0	249.5	1,843.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	12
557+93.99	TO	572+25.97	1,432.0	572.8	0.0	0.0	358.0	2,783.0	0.0	0.0	0.0	1,094.9	0.0	358.0	2,783.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46	0	31
572+25.97	=	572+85.70AH																							
572+85.70	TO	580+09.72	724.0	289.6	0.0	0.0	181.0	1,372.0	0.0	0.0	0.0	541.9	0.0	181.0	1,372.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	9
580+09.72	TO	588+24.72	815.0	326.0	0.0	815.0	203.8	1,630.0	0.0	0.0	0.0	910.3	815.0	203.8	1,630.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	10
588+24.72	TO	590+79.72	255.0	102.0	0.0	0.0	63.8	510.0	0.0	0.0	0.0	199.8	0.0	63.8	510.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	3
590+79.72	TO	599+30.72	851.0	340.0	0.0	851.0	212.8	1,649.0	0.0	0.0	0.0	932.8	851.0	212.8	1,649.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	11
599+30.72	TO	605+05.78	575.1	230.0	0.0	0.0	143.8	1,150.1	0.0	0.0	0.0	450.6	0.0	143.8	1,150.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	7
605+05.78	=	605+07.60AH																							
605+07.60	TO	630+90.00	2,582.4	1,033.0	0.0	0.0	645.6	5,164.8	0.0	0.0	0.0	2,023.3	0.0	645.6	5,164.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	32
630+90.00	TO	632+22.92	132.9	53.2	0.0	132.9	33.2	265.8	0.0	0.0	0.0	148.5	132.9	33.2	265.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	2
SHEET TOTALS			31,941	12,717	0	7,821	7,645	62,568	0	0	0	27,077	7,821	7,645	62,568	0	0	0	0	0	0	0	94	0	439
PROJECT TOTALS			57,016.5	22,628	94	29,171	12,240	108,809	287	554	32	52,852	15,182	11,954	99,385	94	13,989	287	10,424	287	554	32	103	81	793

TEMPORARY RAMP, SPECIAL

LOCATION				WIDTH FEET	LENGTH FEET	AREA SQ YD
63+33.00	RT.	0+00.00	CE	1.5	100.0	16.7
63+46.00	LT.	0+00.00	CE	1.5	119.0	19.8
64+57.00	RT.	0+00.00	CE	1.5	71.0	11.8
65+64.00	LT.	0+00.00	CE	1.5	114.0	19.0
65+73.00	RT.	0+00.00	PRA	1.5	100.0	16.7
69+89.00	LT.	0+00.00	PRA	1.5	92.0	15.3
73+19.00	RT.	0+00.00	CE	1.5	90.0	15.0
73+19.00	LT.	0+00.00	CE	1.5	116.0	19.3
84+16.00	LT.	0+00.00	CE	1.5	224.0	37.3
88+62.00	LT.	0+00.00	PE	1.5	46.0	7.7
90+32.00	LT.	0+00.00	PE	1.5	60.0	10.0
90+80.00	RT.	0+00.00	PRA	1.5	227.0	37.8
99+19.85	LT.	101+04.93	PRA	1.5	185.1	30.8
101+04.93	LT.	102+85.31	PRA	1.5	180.4	30.1
106+25.00	LT.	0+00.00	CE	1.5	76.0	12.7
107+88.00	RT.	0+00.00	PRA	1.5	227.0	37.8
107+88.00	LT.	0+00.00	CE	1.5	101.0	16.8
110+32.00	LT.	0+00.00	CE	1.5	71.8	12.0
116+79.00	RT.	0+00.00	PRA	1.5	236.0	39.3
116+84.00	LT.	0+00.00	PRA	1.5	237.0	39.5
118+56.00	RT.	0+00.00	PE	1.5	40.5	6.8
TOTAL =						452

TEMPORARY RAMPS

LOCATION			LENGTH FEET	WIDTH FEET	AREA SQ YD
60+78.94	TO	60+86.44	7.5	57.0	47.5
167+21.00	TO	167+26.00	5.0	40.0	22.2
169+26.00	TO	169+31.00	5.0	40.0	22.2
230+79.00	TO	230+84.00	5.0	42.0	23.3
232+23.00	TO	232+28.00	5.0	42.0	23.3
534+45.00	TO	534+50.00	5.0	24.0	13.3
535+97.00	TO	536+02.00	5.0	24.0	13.3
632+17.92		632+22.92	5.0	24.0	13.3
TOTAL =					179

HMA BASE COURSE WIDENING, 10"

LOCATION				LENGTH (FOOT)	WIDTH (FOOT)	TOTAL (SQ YDS)
533+14.28	TO	534+51.32	LT.	137.04	6.00	91.36
533+26.21	TO	534+71.32	RT.	145.11	6.00	96.74
535+95.63	TO	537+20.20	RT.	124.57	6.00	83.05
535+95.63	TO	537+32.16	LT.	136.53	6.00	91.02
TOTAL =						362.17

PERMANENT SURVEY MARKERS, TYPE I

	LOCATION	TYPE	QUANTITY	DESCRIPTION
CL	68+50.66	PT	1.0	STA. EQ. 68+50.66BK = 69+15.16AH
CL	92+27.90	PC	1.0	
CL	104+14.17	PT	1.0	STA. EQ. 104+14.17BK = 104+64.50AH
CL	162+31.40	POT	1.0	
CL	174+82.13	POT	1.0	
CL	256+57.68	POT	1.0	
CL	289+67.19	POT	1.0	
CL	312+00.00	POT	1.0	
CL	332+50.00	PC	1.0	
CL	335+00.00	PI	1.0	
CL	337+50.00	PT	1.0	
CL	343+63.55	POT	1.0	
CL	422+00.00	PI	1.0	
CL	450+18.88	POT	1.0	
CL	461+00.00	PC	1.0	
CL	470+16.90	PT	1.0	STA. EQ. 470+16.90BK = 470+71.10AH
CL	484+34.00	POT	1.0	
CL	503+42.10	PC	1.0	
CL	509+10.40	PT	1.0	STA. EQ. 509+10.40BK = 509+10.90AH
CL	563+49.50	PC	1.0	
CL	572+25.97	PT	1.0	STA. EQ. 572+25.97BK = 572+85.70AH
CL	597+07.40	PC	1.0	
CL	601+06.73	PI	1.0	6.39' LT.
CL	605+05.78	PT	1.0	STA. EQ. 605+05.78BK = 605+07.60AH
TOTAL =			24.0	

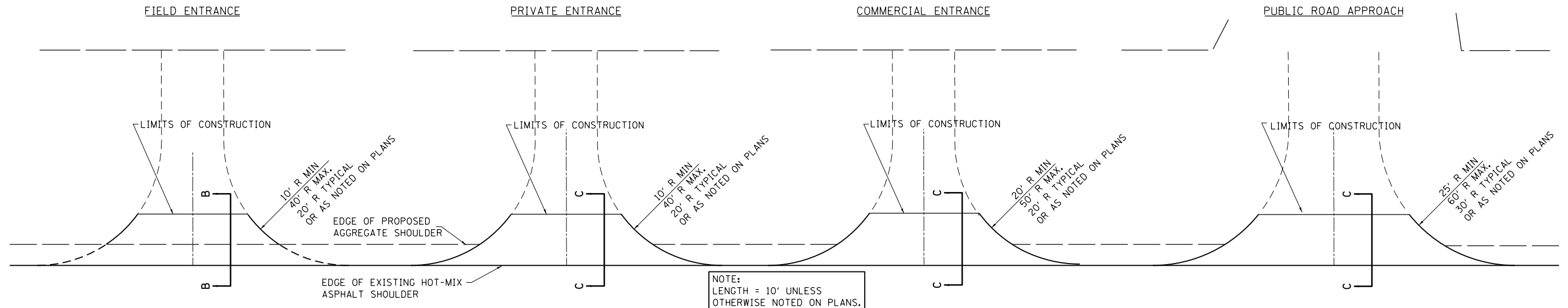
PATCHING SCHEDULE

LOCATION	CLASS D PATCHES, TYPE II, 15"	CLASS D PATCHES, TYPE III, 15"	CLASS D PATCHES, TYPE IV, 15"	PARTIAL DEPTH REMOVAL (VARIABLE DEPTH)	PARTIAL DEPTH PATCHING
	SQ YD	SQ YD	SQ YD	SQ YD	TON
FAP 116 (IL 130)	2,947	1,024	1,301	13,667	4,592

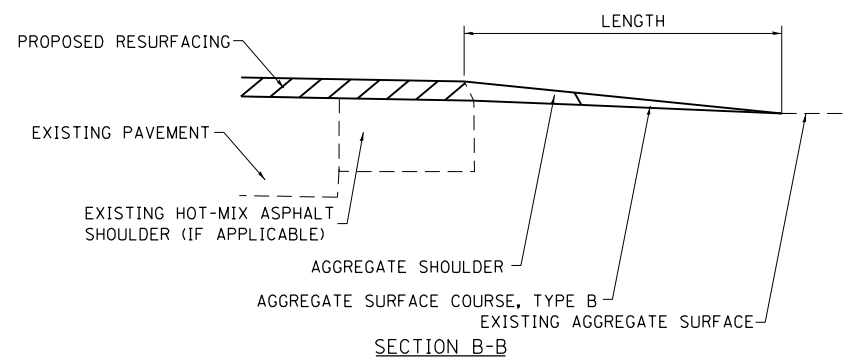
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PLOT DATE = 3/14/2013		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

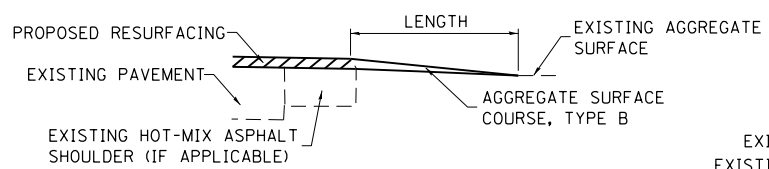
SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NA	SHEET NO. 5	OF 7 SHEETS	STA.	116	(124,125,126)RS-3	RICHLAND	60	18
			TO STA.	CONTRACT NO. 74409		ILLINOIS FED. AID PROJECT		



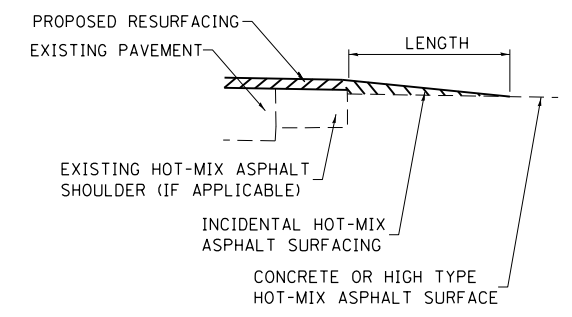
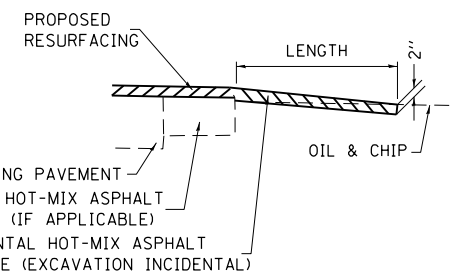
NOTE:  
LENGTH = 10' UNLESS  
OTHERWISE NOTED ON PLANS.



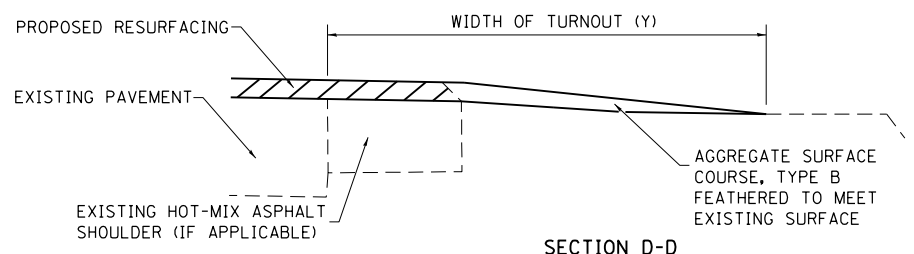
SECTION B-B



SECTION C-C



SECTION D



SECTION D-D

TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

NOTES

THE COST OF THE ASPHALT MATERIALS, AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROADS AND APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

THE COST OF EXCAVATION IS INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	
RT	63+33	CE			
LT	63+46	CE			
RT	64+57	CE			
LT	65+64	CE			
RT	65+73	PRA			
LT	69+89	PRA			
LT	73+19	CE			
RT	73+19	CE			
LT	84+16	CE			
LT	88+62	PE			
LT	90+32	PE			
RT	90+80	PRA			
LT	102+15	CE			
LT	106+28	CE			
RT	107+88	PRA			
LT	107+88	CE			
LT	110+32	CE			
RT	116+79	PRA			
LT	116+84	PRA			
RT	118+56	PE			
RT	118+76	CE			
LT	129+43	PRA	12.4		
RT	131+35	MBT		1.2	
RT	131+60	PE		1.5	
RT	132+74	PE		1.5	
RT	132+89	MBT		1.2	
RT	133+41	FE		1.9	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	
RT	136+69	FE		2.6	
RT	137+71	MBT		1.2	
LT	137+79	PE	2.5		
RT	142+99	PE		2.5	
RT	143+32	MBT		1.2	
LT	143+40	FE		1.3	
RT	148+95	PE		1.6	
RT	149+11	MBT		1.2	
RT	153+43	PE	2.8		
RT	153+64	MBT	1.4		
RT	156+46	PE	2.3		
RT	156+72	MBT	1.4		
RT	159+09	FE		2.3	
LT	169+35	FE		1.1	
LT	173+51	PRA	1.9		
RT	174+85	MBT		1.2	
RT	175+08	PE		2.0	
RT	176+71	MBT		1.2	
LT	177+01	PE	2.5		
RT	178+79	CE		2.6	
RT	180+67	PE	2.5		
RT	180+92	MBT		0.9	
RT	181+15	PE	2.3		
LT	182+82	PE		2.2	
RT	184+09	PE	1.9		
LT	184+09	FE		1.5	
RT	184+23	MBT		1.2	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	
RT	188+69	PE		1.9	
LT	196+34	PRA		3.0	
RT	196+34	PRA		2.6	
LT	197+71	FE		1.6	
RT	203+19	FE		2.2	
RT	203+37	MBT		1.2	
LT	203+50	PE		1.8	
RT	209+88	FE		1.1	
LT	209+92	PE		1.5	
RT	210+11	MBT		1.2	
RT	212+58	MBT		1.2	
LT	212+68	PE		1.6	
RT	216+49	PE		1.7	
LT	220+53	PE		2.2	
RT	222+83	MBT		1.2	
LT	223+06	PE		1.9	
RT	223+24	FE		2.1	
LT	225+84	PE		1.8	
RT	236+00	MBT		1.2	
RT	236+27	PE		2.4	
RT	238+72	FE		2.3	
LT	239+66	FE		1.6	
RT	240+36	MBT		1.2	
LT	240+36	PE	1.4		
LT	240+78	PE	1.5		
RT	249+71	PRA	3.1		
LT	249+71	FE		1.6	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	
LT	256+12	FE		1.4	
RT	262+70	FE		1.6	
RT	264+52	MBT		1.2	
LT	264+52	PE		2.2	
RT	265+46	FE		2.5	
RT	276+44	PRA	3		
LT	276+44	PRA	2.3		
LT	282+30	PE		1.4	
RT	283+10	MBT		1.2	
LT	283+10	PE		1.8	
RT	294+46	MBT		1.2	
LT	294+66	PE	1.6		
LT	297+70	PE		1.7	
RT	297+81	FE		1.5	
RT	298+06	MBT		1.2	
LT	300+97	PE	2.2		
LT	302+84	PRA		6.3	
RT	303+02	FE		1.7	
LT	313+39	PE		1.6	
RT	313+62	FE		1.1	
RT	314+22	MBT		1.2	
RT	315+35	PE		1.7	
RT	315+61	MBT		1.2	
RT	315+84	PE		1.9	
LT	315+94	FE		1.3	
LT	320+25	PE		1.6	
RT	320+71	PE		2.3	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	
LT	328+63	PRA	4.6		
RT	329+59	PRA	5.1		
RT	331+73	PE		2.0	
RT	337+11	FE		1.9	
RT	341+41	MBT		1.2	
LT	341+41	PE	3.4		
RT	343+61	MBT		1.2	
LT	343+68	PE		2.0	
RT	347+86	FE		1.1	
RT	354+08	MBT		1.2	
RT	354+22	PE		1.4	
LT	354+25	PE		2.1	
LT	355+07	PE		1.6	
LT	355+48	CE	5.5		
LT	356+58	CE	6.9		
LT	357+45	CE	4.2		
LT	357+61	MBT			
RT	357+75	FE		1.6	
LT	357+75	PE	2.1		
RT	364+57	PE		1.5	
RT	364+78	MBT		1.2	
RT	365+18	PE	1.9		
RT	368+70	MBT		1.2	
RT	369+38	CE		9.5	
RT	371+06	PRA		2.3	
LT	371+06	PRA		1.9	
LT	381+22	FE		2.1	

FE=FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH  
PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT  
CE=COMMERCIAL ENTRANCE

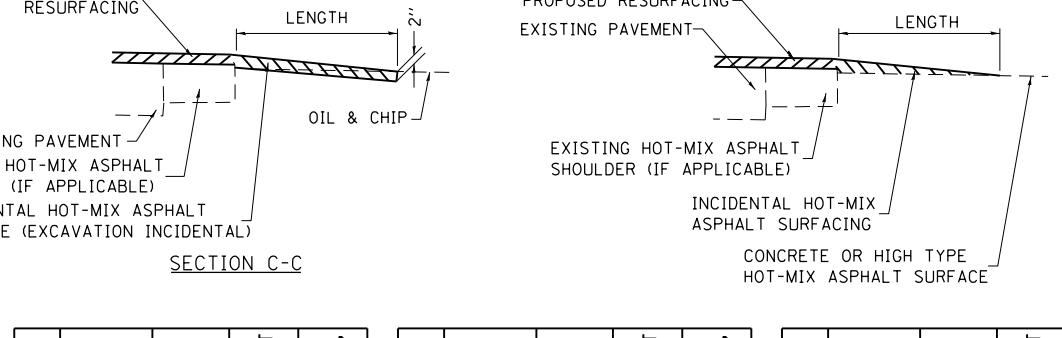
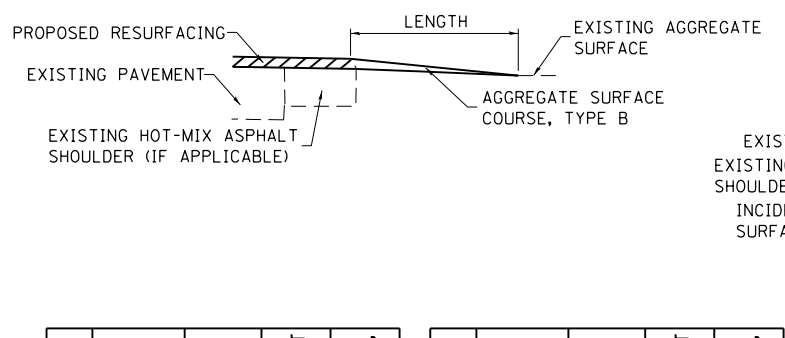
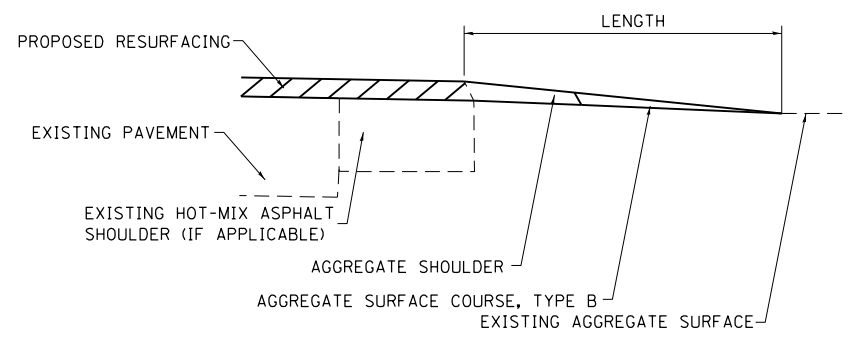
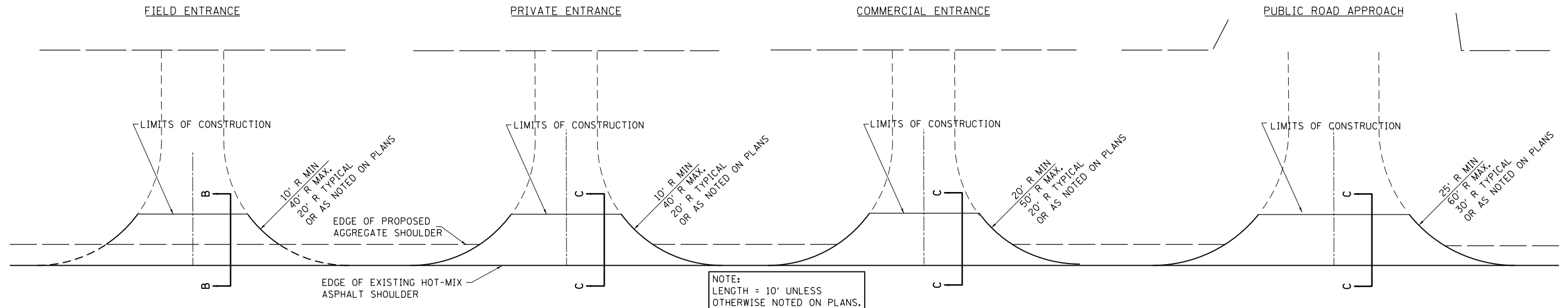
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAILS  
WITH SHOULDERS

SCALE: NA SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	19
CONTRACT NO. 74409				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION AT MAILBOX TURNOUT**

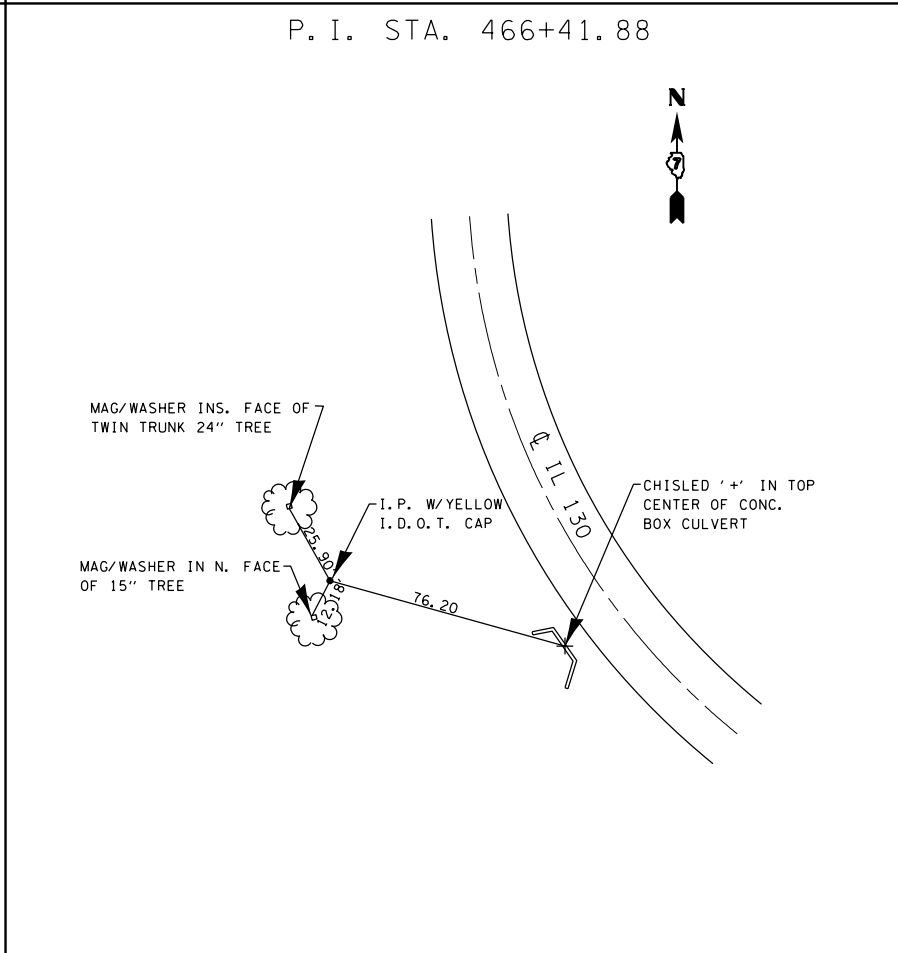
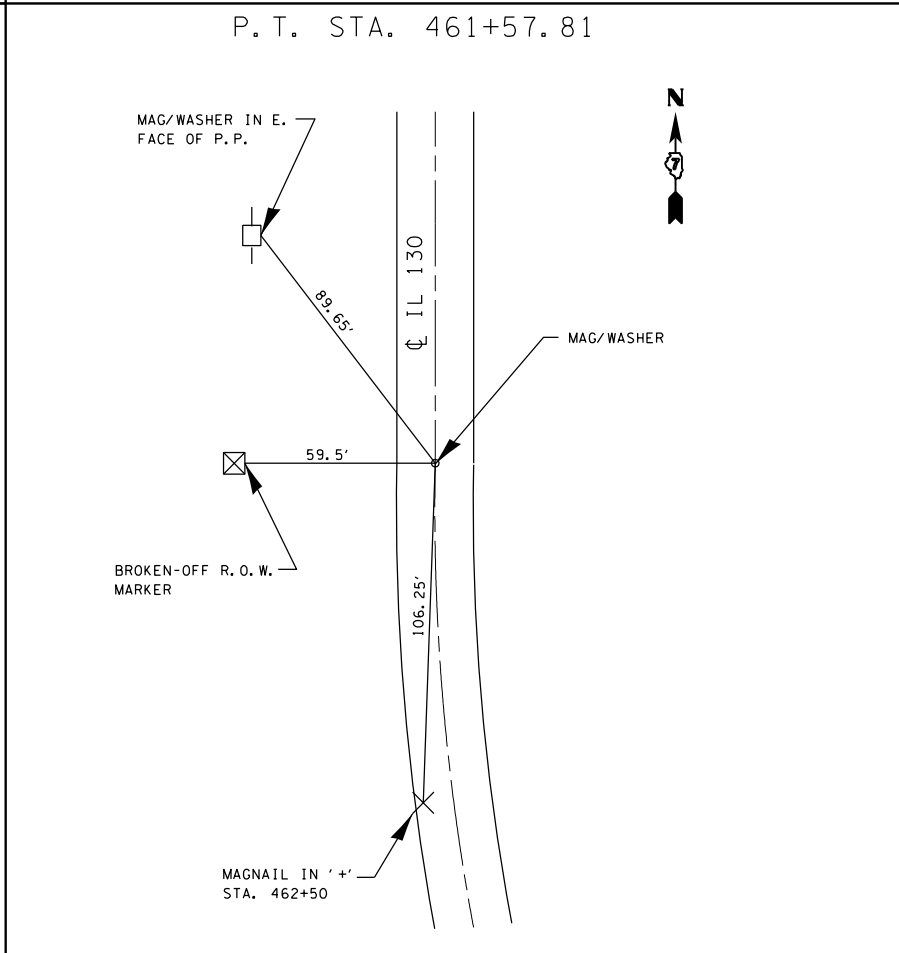
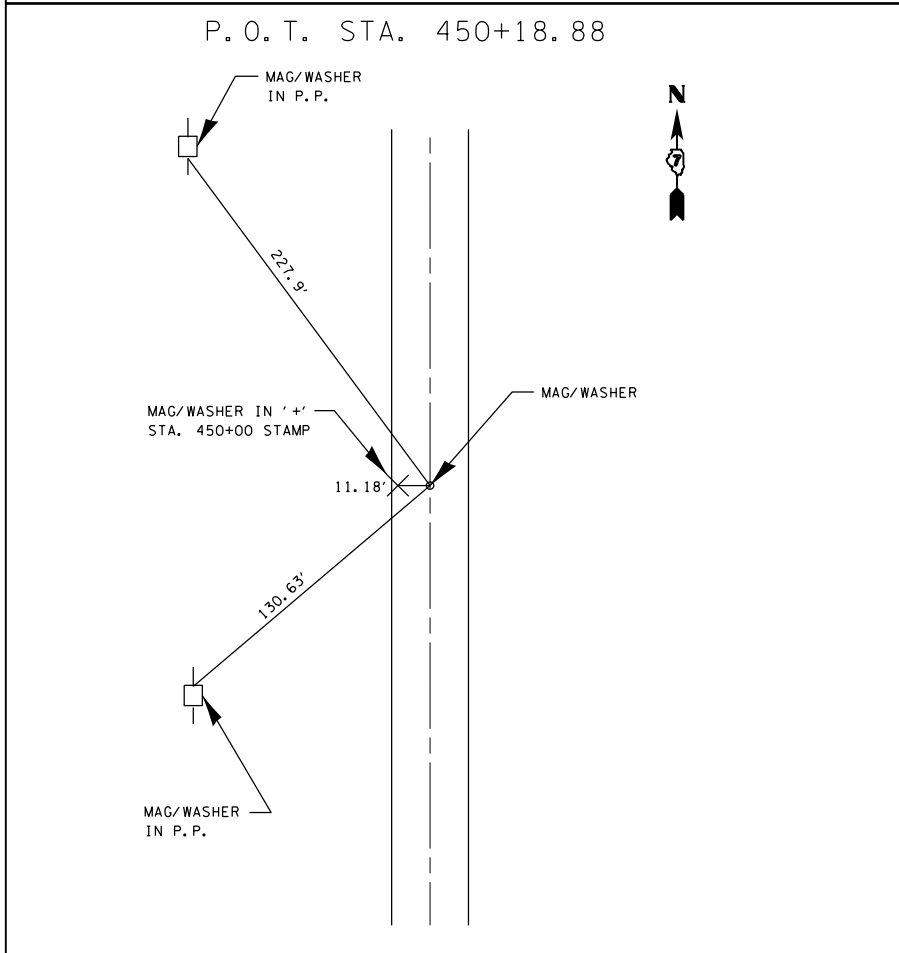
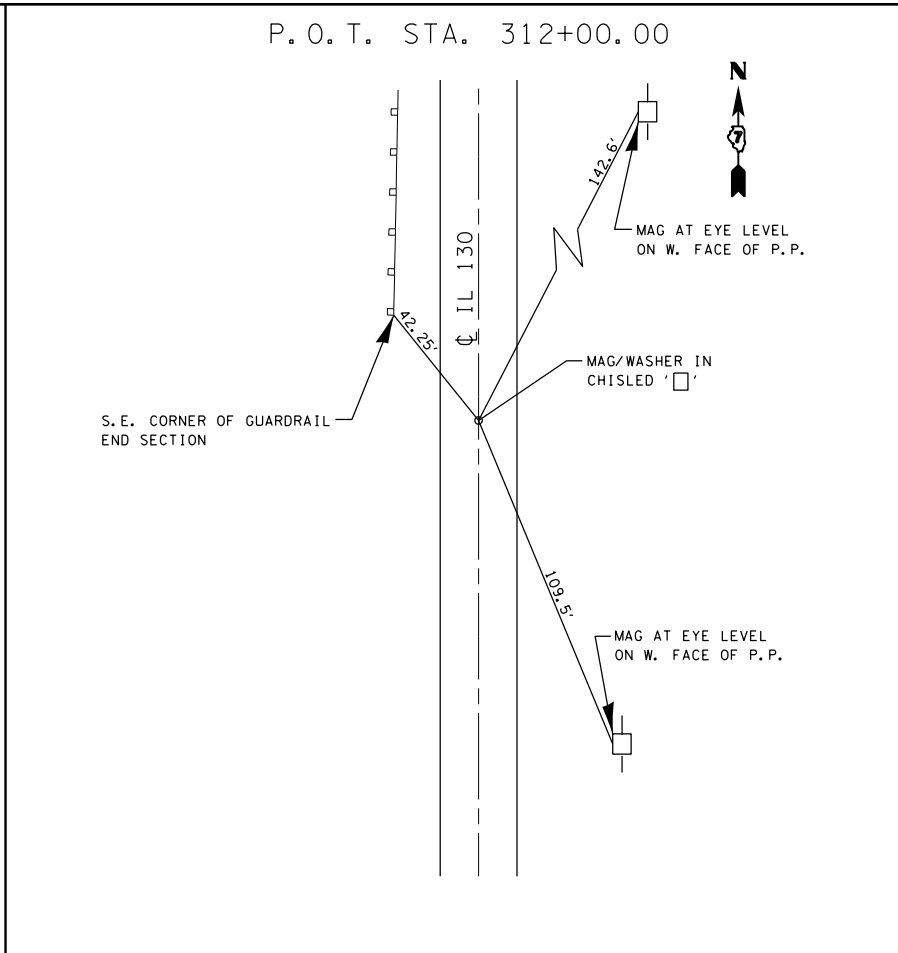
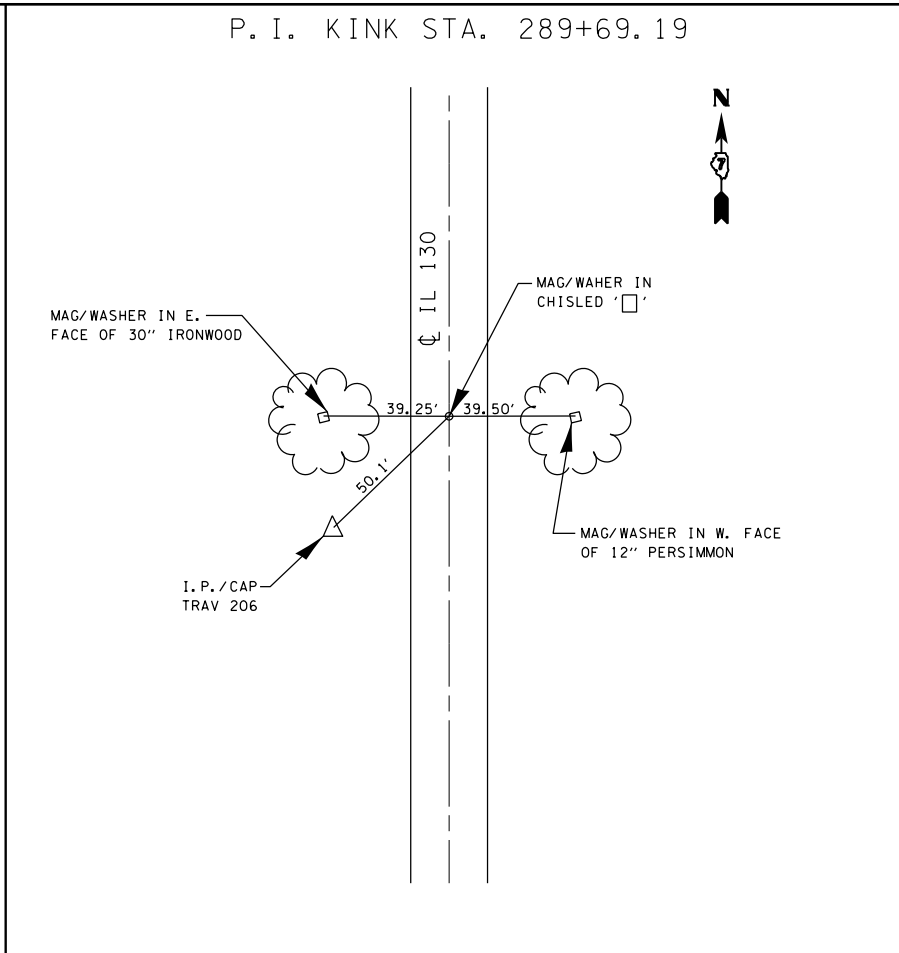
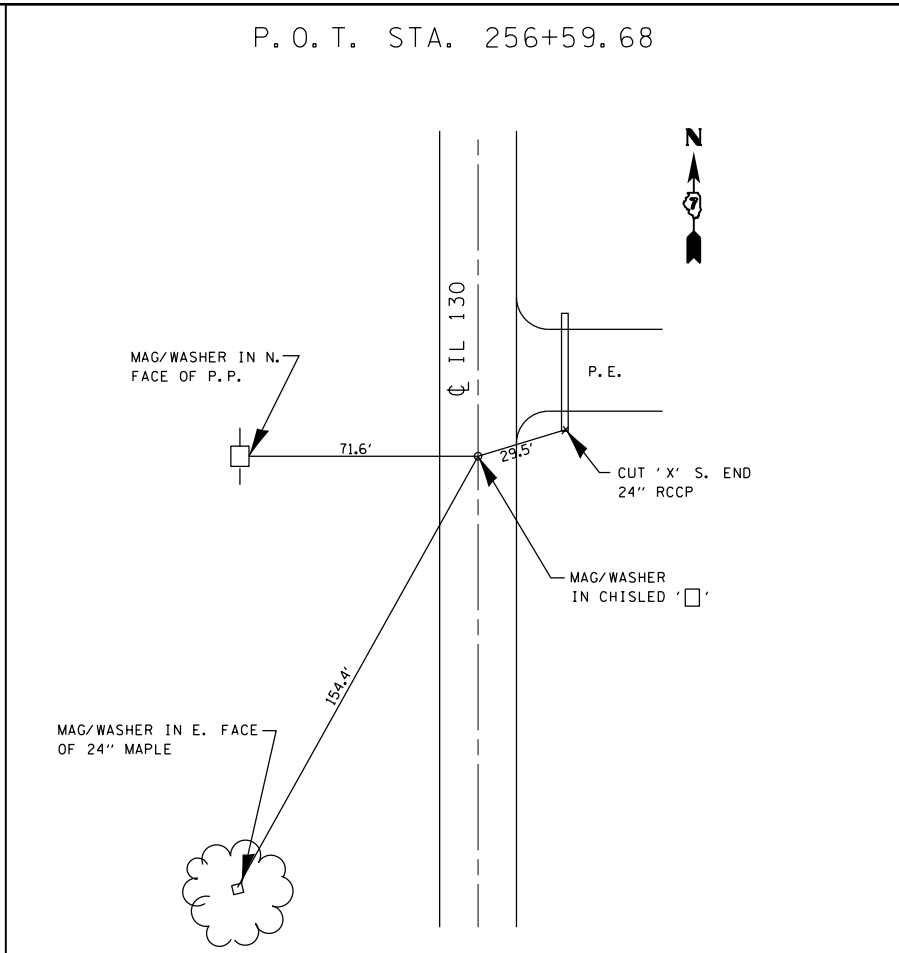
NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

**NOTES**

- THE COST OF THE ASPHALT MATERIALS, AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROADS AND APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.
- THE COST OF EXCAVATION IS INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.
- IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.
- THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	
LT	382+03	FE		2.2	
LT	382+88	PE		1.6	
RT	384+37	PRA		2.9	
LT	384+43	PRA		2.8	
RT	384+84	FE		1.1	
RT	397+82	PE		1.5	
LT	397+87	MBT			
RT	399+03	PE		1.9	
LT	402+66	MBT			
LT	402+83	PE		1.9	
LT	410+48	PE		1.7	
LT	410+61	MBT			
RT	410+98	PE	2		
LT	410+98	FE		1.2	
LT	411+11	MBT			
RT	412+07	PE	1.9		
LT	412+41	MBT			
RT	413+97	FE		1.5	
LT	417+03	FE		1.5	
LT	426+43	FE		1.5	
RT	428+39	FE		1.1	
LT	430+67	MBT			
LT	430+84	PE	1.8		
LT	437+50	PRA	3.1		
RT	437+50	PRA	2.7		
LT	450+65	FE		1.7	
RT	463+72	PRA	2.5		
LT	470+91	FE		1.7	
RT	470+91	FE		1.6	
LT	483+87	PE		2.1	
LT	484+23	MBT			
RT	486+99	FE		2.4	
RT	499+37	PRA		5.8	
LT	500+85	MBT			
LT	500+99	PE	2.2		
RT	506+05	MBT			
LT	506+29	CE	2		
RT	506+29	PE	2.1		
LT	507+94	PE		2.3	
LT	508+27	MBT			
LT	516+79	FE		1.1	
RT	516+79	PE		1.9	
RT	516+98	MBT			
LT	518+61	MBT			
LT	518+79	PE		2.0	
RT	519+52	FE		1.2	
RT	520+62	PRA		3.4	
LT	522+82	CE		3.0	
RT	541+66	PRA	2.4		
LT	544+07	PRA	2.7		
RT	551+49	PE		2.0	
RT	551+73	MBT			
LT	552+88	PRA	2.8		
LT	553+64	CE		2.0	
TOTALS			137	238.0	

FE=FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH  
PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT  
CE=COMMERCIAL ENTRANCE



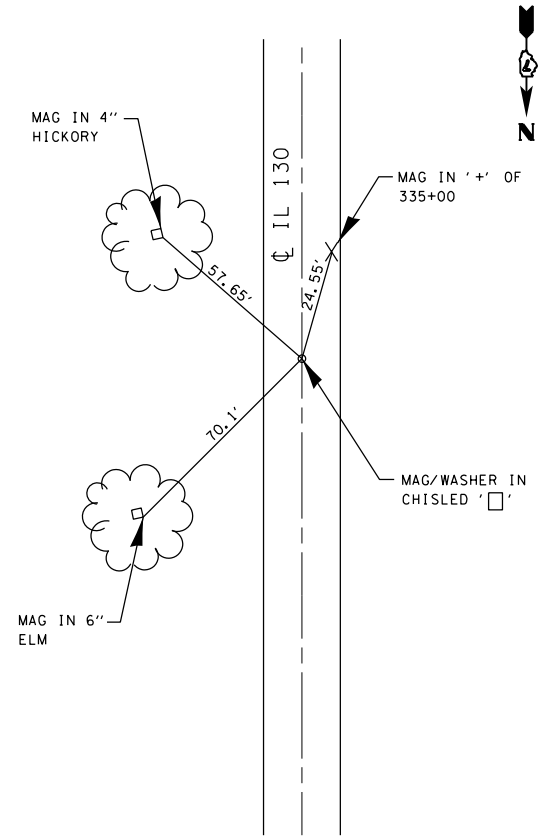
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

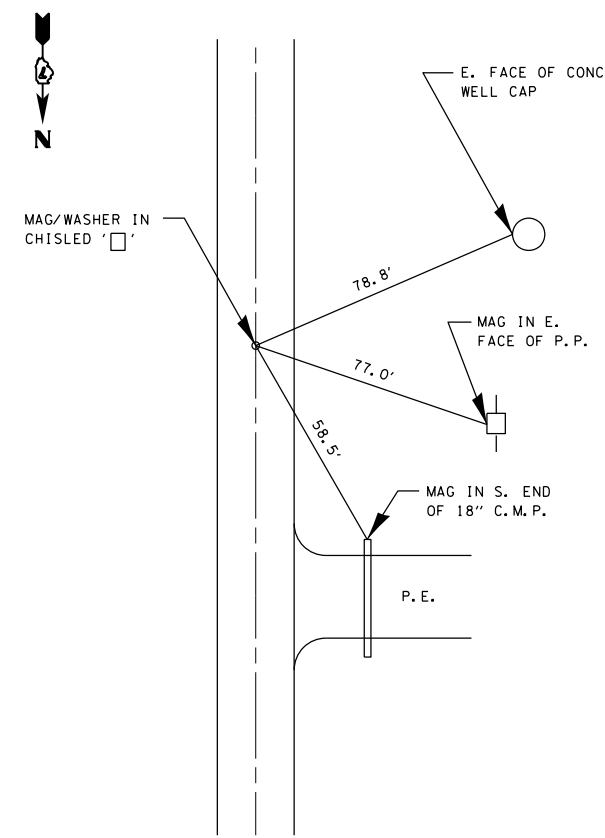
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	21
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				

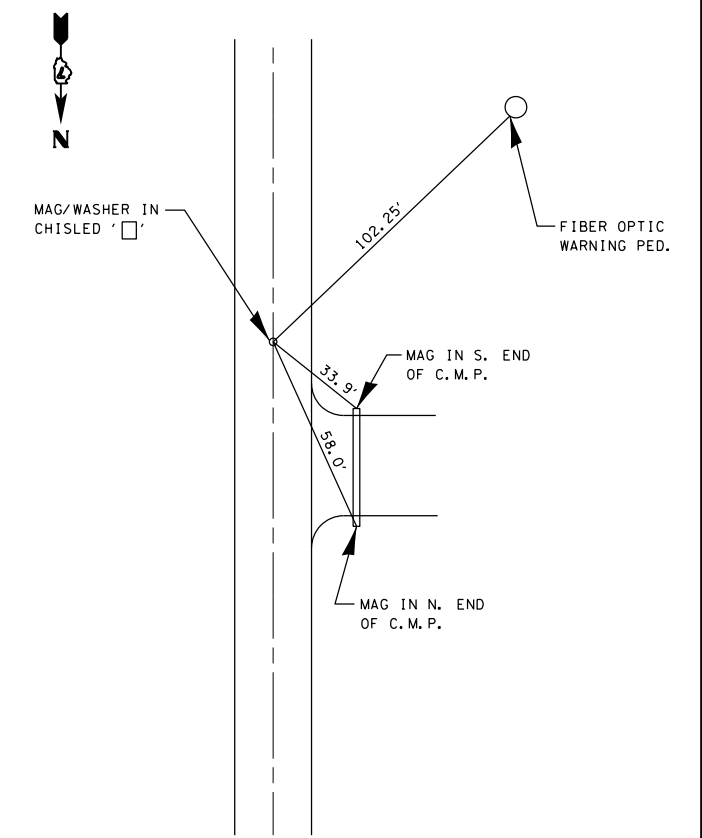
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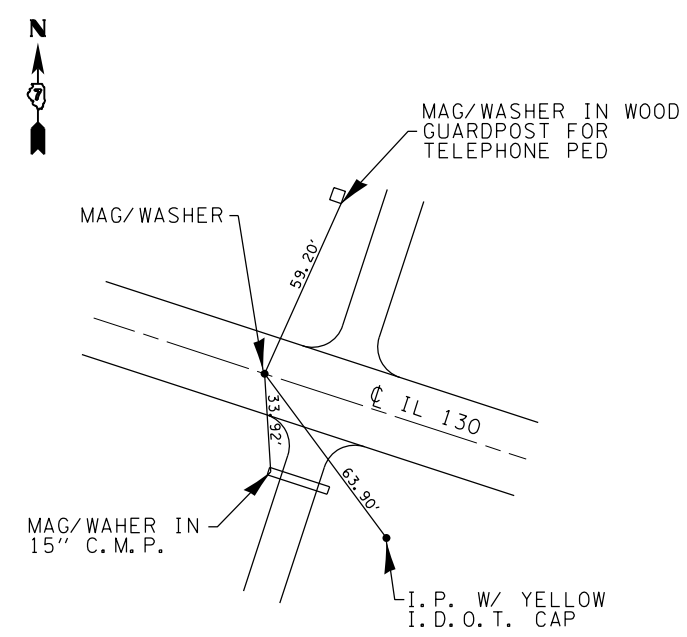
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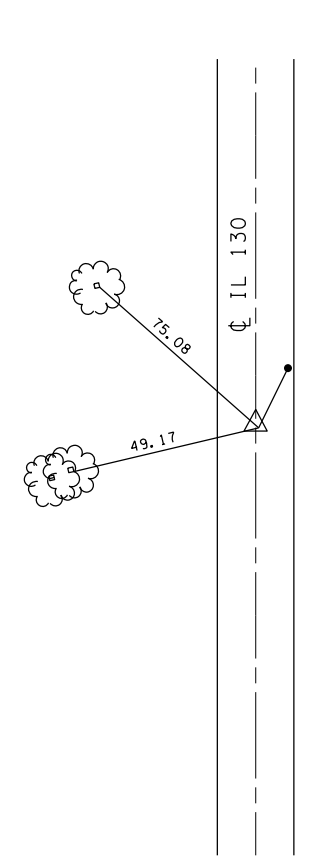
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P. T. STA. 470+73.81



P. O. T. STA. 162+31.40



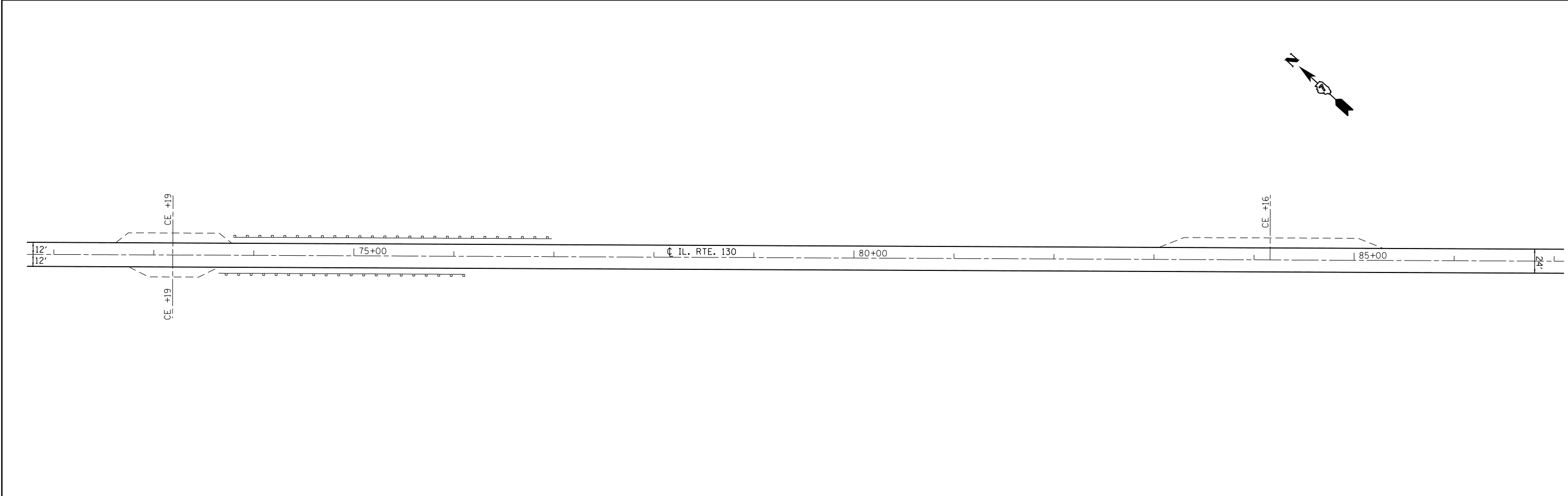
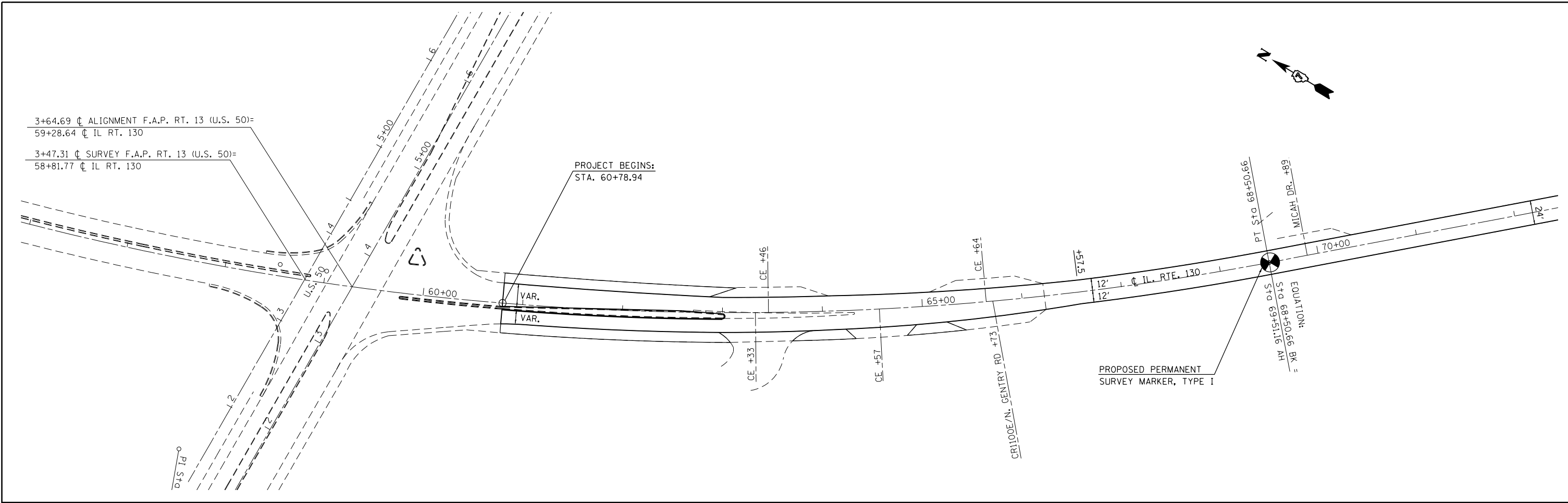
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

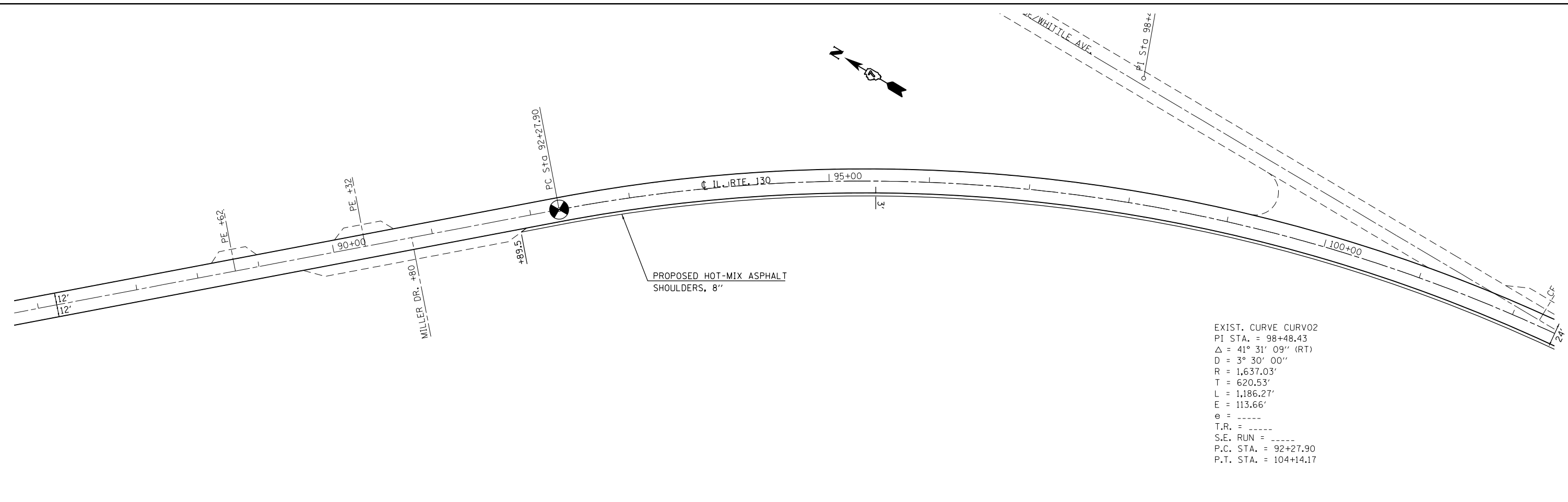
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TIE POINTS

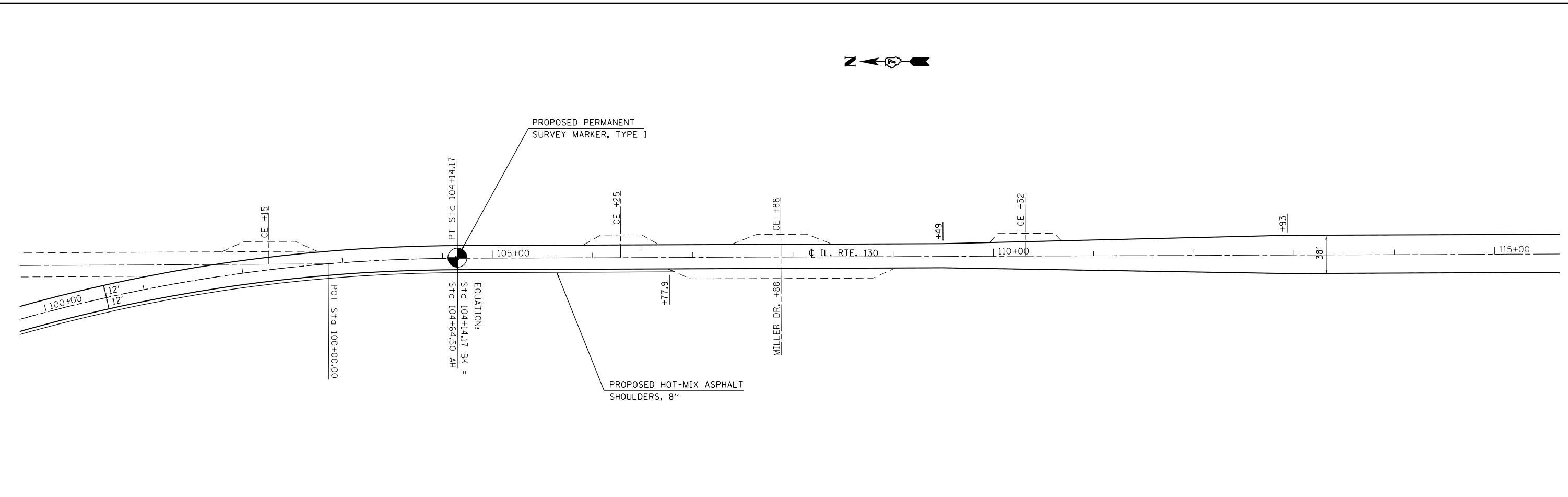
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	22
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\dot\stevfenmk\d0147948\074409-shr-plan.dgn		DRAWN -	REVISED -		SCALE: 50	SHEET NO. 1 OF 20 SHEETS	STA. 60+78.94 TO STA. 87+00	116	(124,125,126)RS-3	RICHLAND	60	23
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74409				
	PLOT DATE = 3/14/2013	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

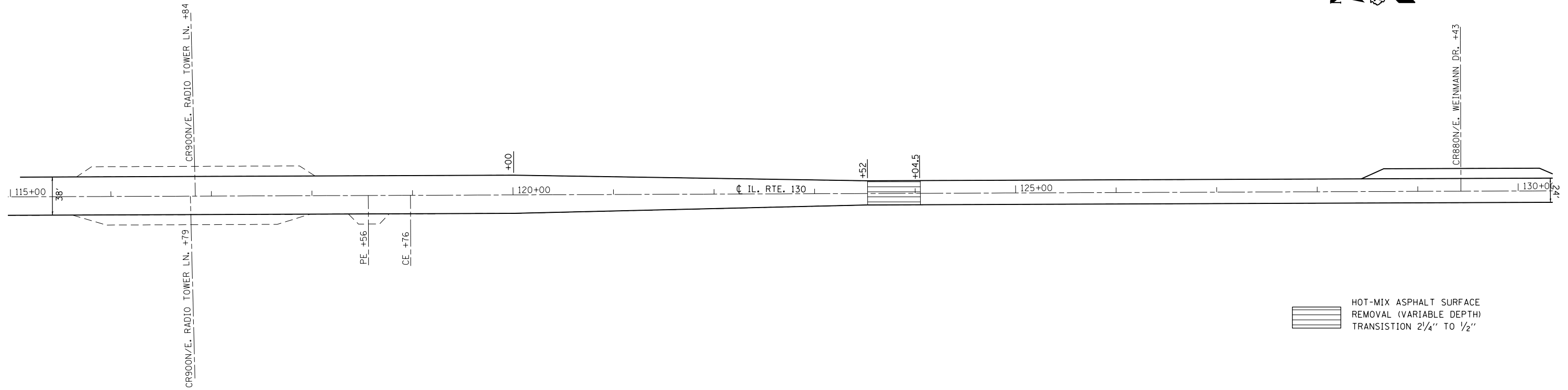


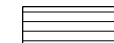
EXIST. CURVE CURV02  
 PI STA. = 98+48.43  
 $\Delta$  = 41° 31' 09" (RT)  
 D = 3° 30' 00"  
 R = 1,637.03'  
 T = 620.53'  
 L = 1,186.27'  
 E = 113.66'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 92+27.90  
 P.T. STA. = 104+14.17

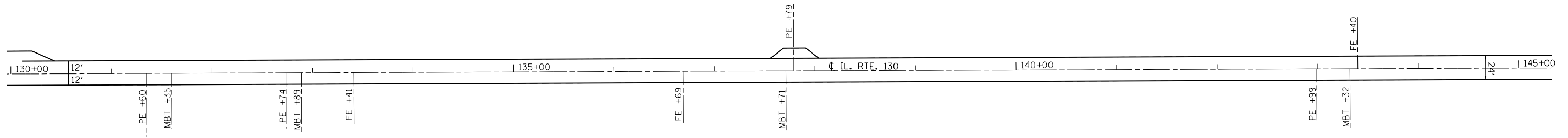


FILE NAME = c:\pw\work\p\idot\steffenmk\d0147948\074409-sh-t-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		116	(124,125,126)RS-3	RICHLAND	60	24		
PLOT DATE = 3/14/2013	DATE -	REVISED -	REVISED -		SCALE: 50	SHEET NO. 2 OF 20 SHEETS	STA. 87+00	TO STA. 115+00	CONTRACT NO. 74409		
ILLINOIS FED. AID PROJECT											





 HOT-MIX ASPHALT SURFACE  
 REMOVAL (VARIABLE DEPTH)  
 TRANSITION 2 1/4" TO 1/2"



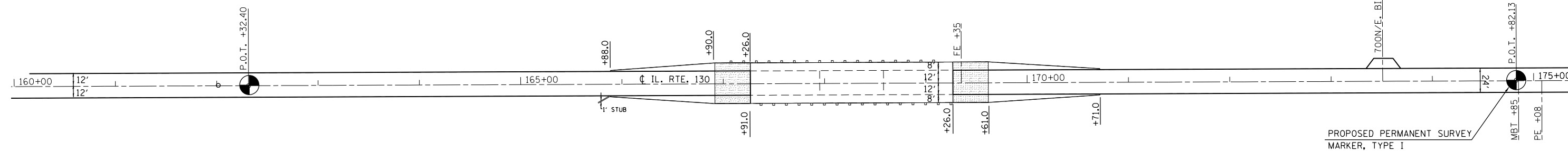
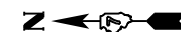
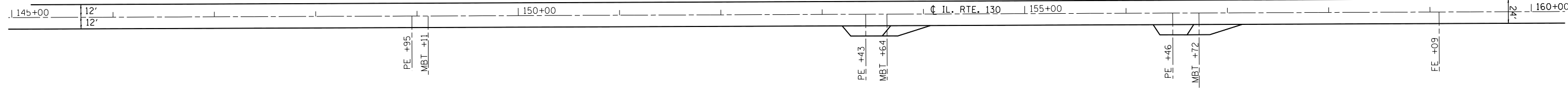
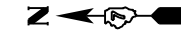
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/14/2013	DATE -	REVISED -

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

**PLAN SHEET**

SCALE: 50      SHEET NO. 3 OF 20 SHEETS      STA. 115+00 TO STA. 145+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	25
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



PROPOSED PERMANENT SURVEY  
MARKER, TYPE I

HOT-MIX ASPHALT SURFACE  
REMOVAL (BUTT-JOINT)

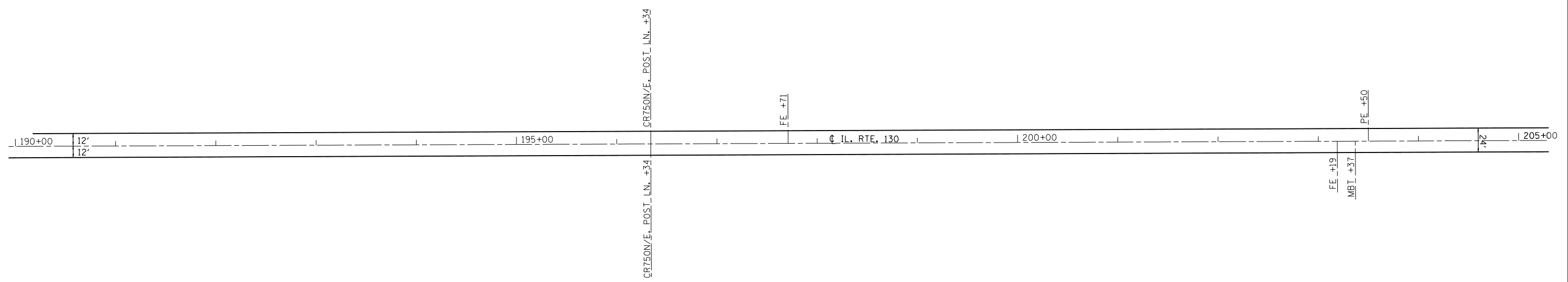
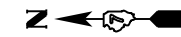
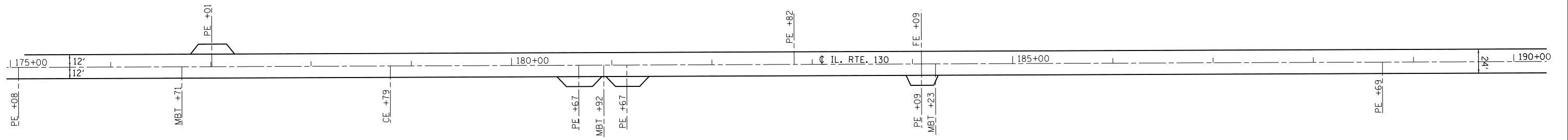
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 50      SHEET NO. 4 OF 20 SHEETS      STA. 145+00      TO STA. 175+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	26
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



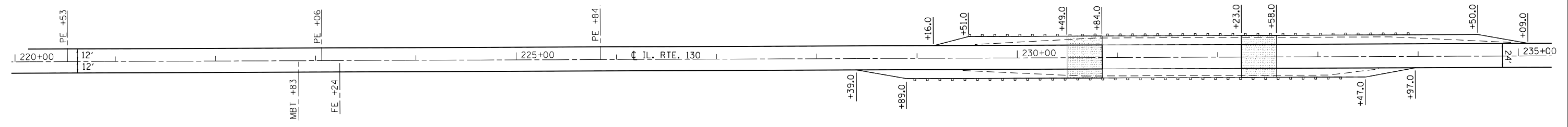
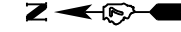
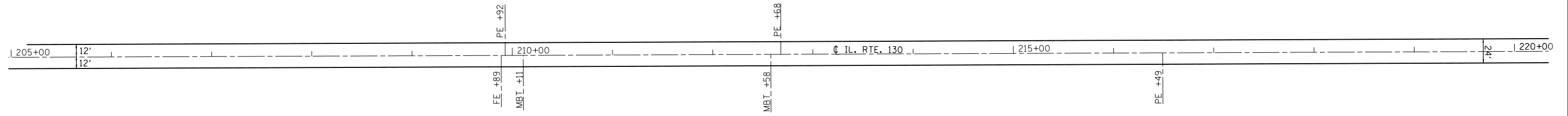
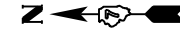
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/14/2013	DATE -	REVISED -


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 50      SHEET NO. 5 OF 20 SHEETS      STA. 175+00 TO STA. 205+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	27
<b>CONTRACT NO. 74409</b>				
ILLINOIS FED. AID PROJECT				



 HOT-MIX ASPHALT SURFACE  
REMOVAL (BUTT-JOINT)

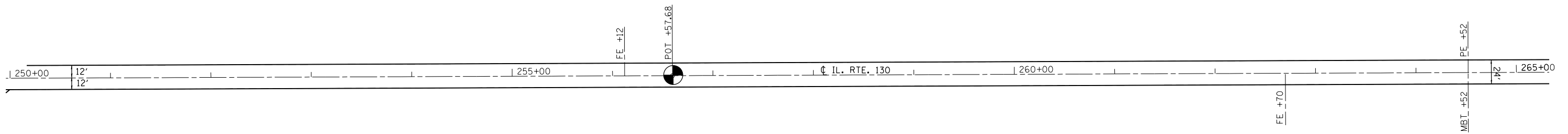
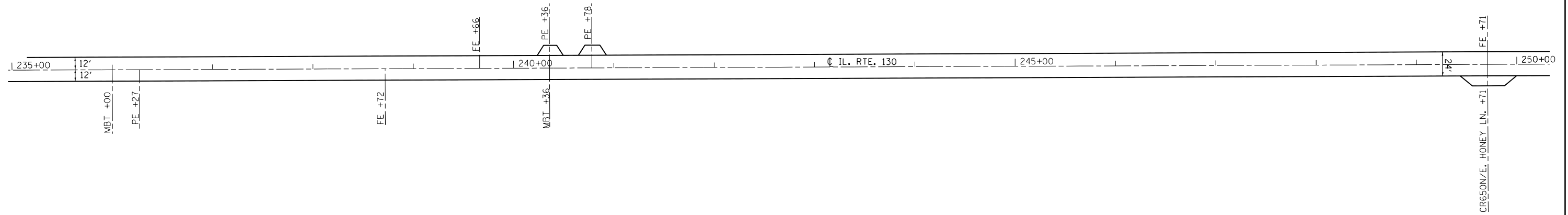
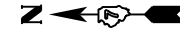
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 50 SHEET NO. 6 OF 20 SHEETS STA. 205+00 TO STA. 235+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74409	



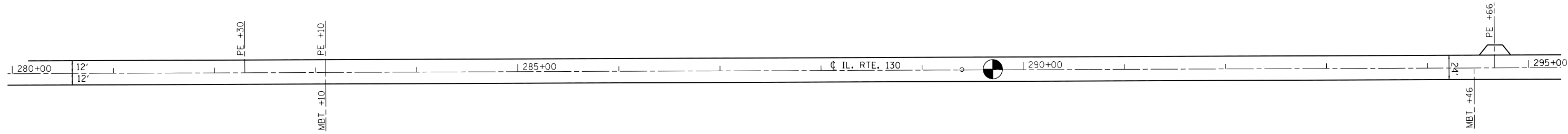
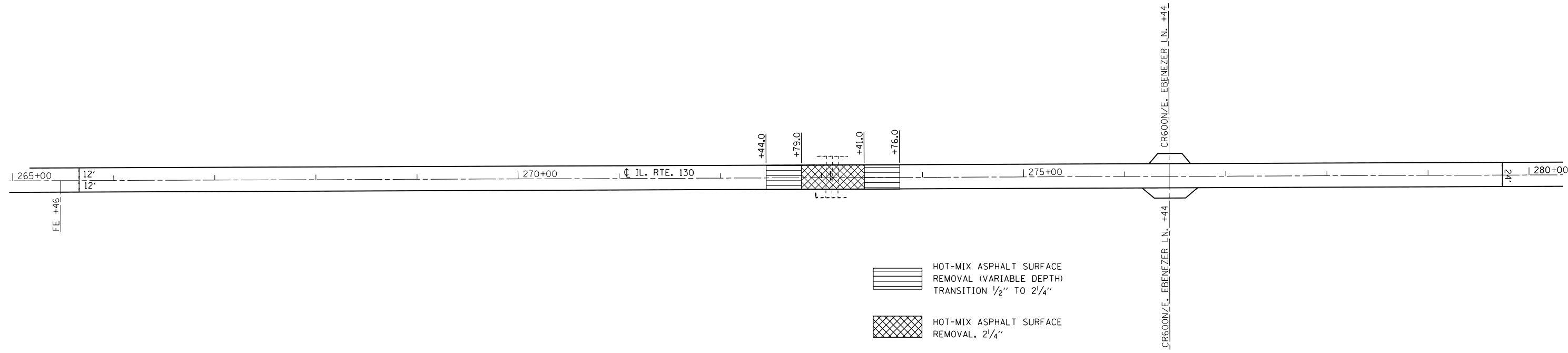
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 50      SHEET NO. 7 OF 20 SHEETS      STA. 235+00 TO STA. 265+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	29
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



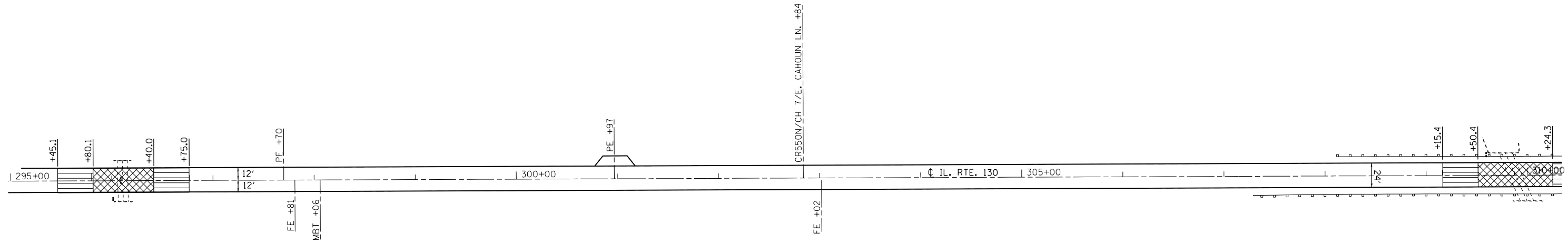
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

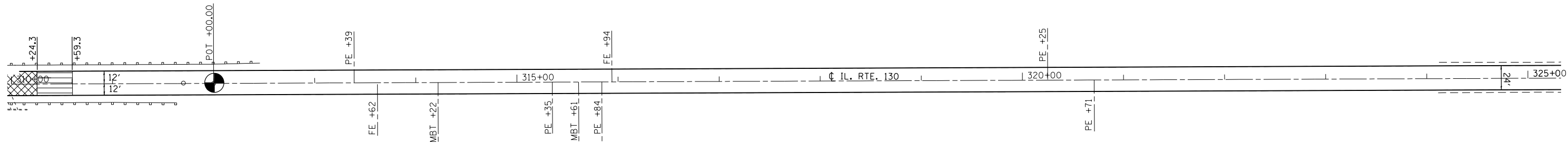
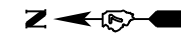
**PLAN SHEET**

SCALE: 50      SHEET NO. 8 OF 20 SHEETS      STA. 265+00 TO STA. 295+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	30
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



- HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) TRANSITION 1/2" TO 2 1/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"



- HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) TRANSITION 1/2" TO 2 1/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

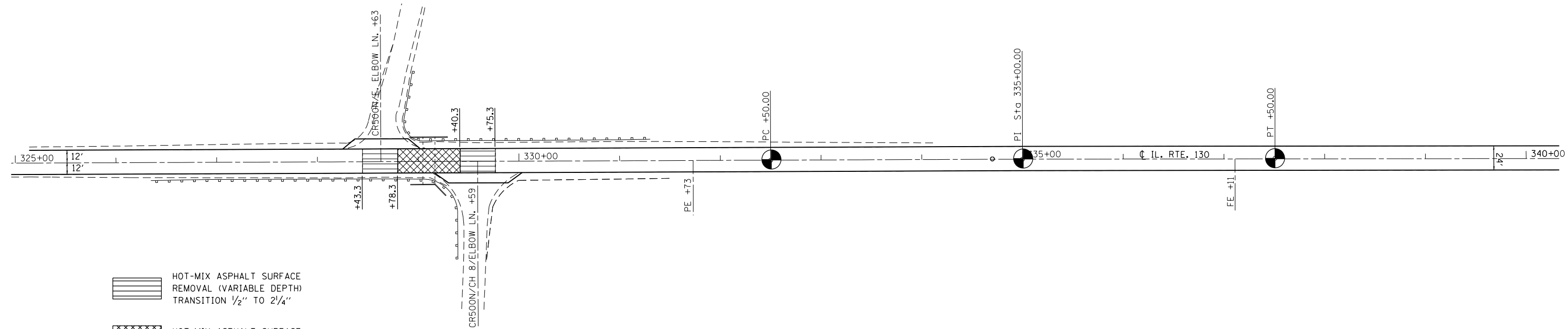
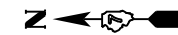
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

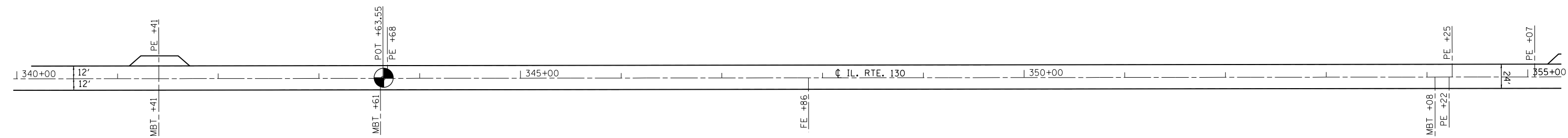
**PLAN SHEET**

SCALE: 50      SHEET NO. 9 OF 20 SHEETS      STA. 295+00      TO STA. 325+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	31
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



- HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) TRANSITION 1/2" TO 2 1/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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PLOT DATE = 3/14/2013		DATE -	REVISED -

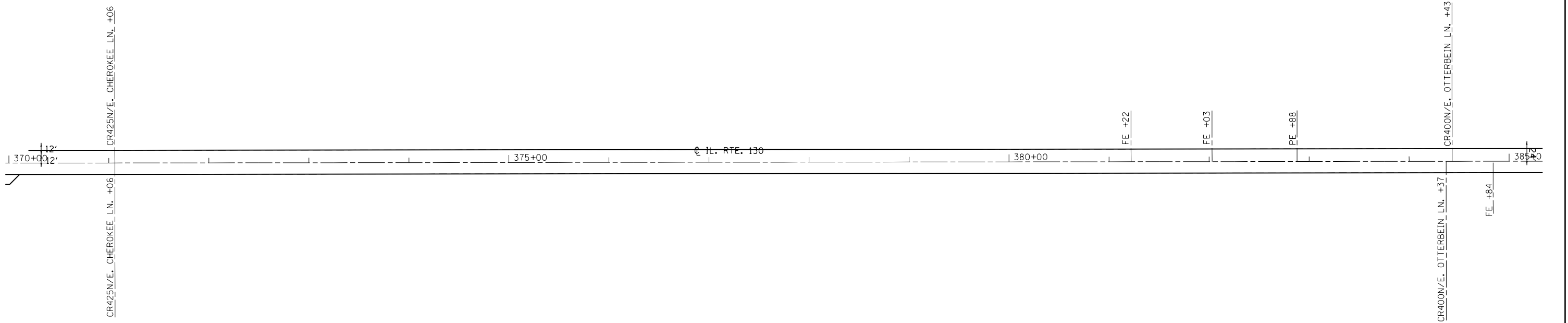
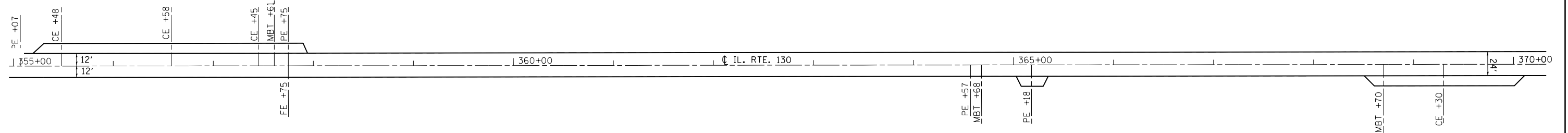
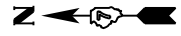
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 50      SHEET NO. 10 OF 20 SHEETS      STA. 325+00      TO STA. 355+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	32
<b>CONTRACT NO. 74409</b>				
ILLINOIS FED. AID PROJECT				





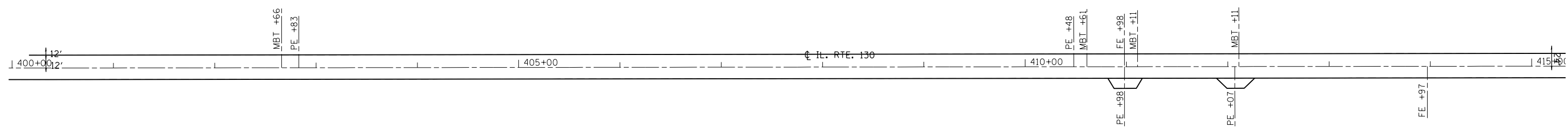
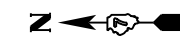
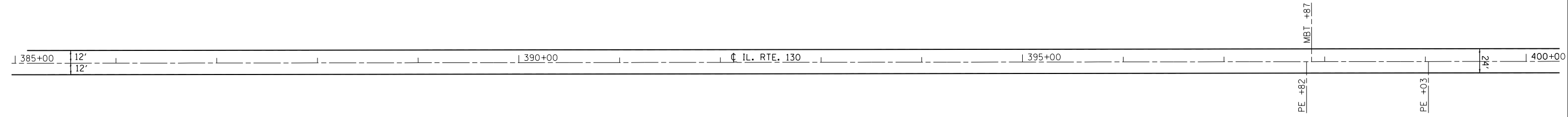
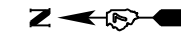
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PLOT DATE = 3/14/2013		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 50      SHEET NO. 11 OF 20 SHEETS      STA. 355+00      TO STA. 385+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	33
<b>CONTRACT NO. 74409</b>				
ILLINOIS FED. AID PROJECT				



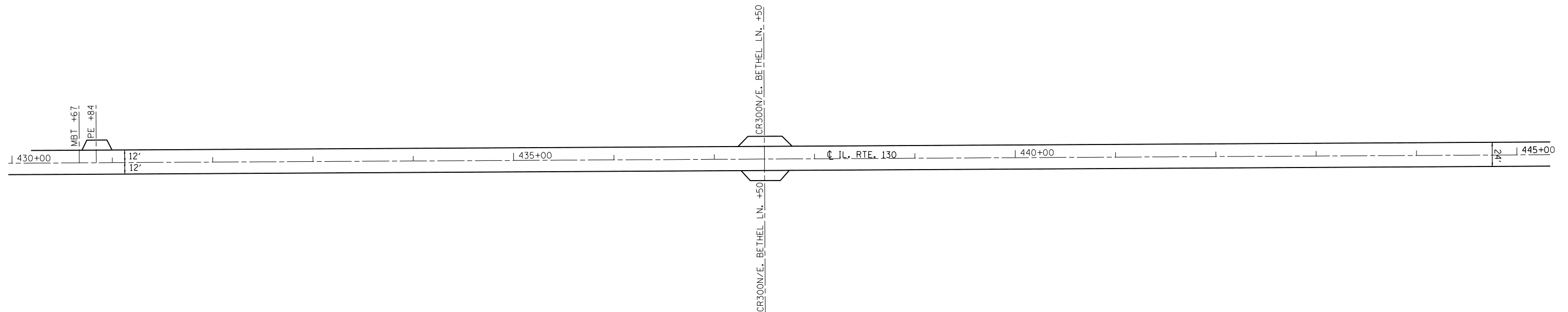
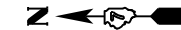
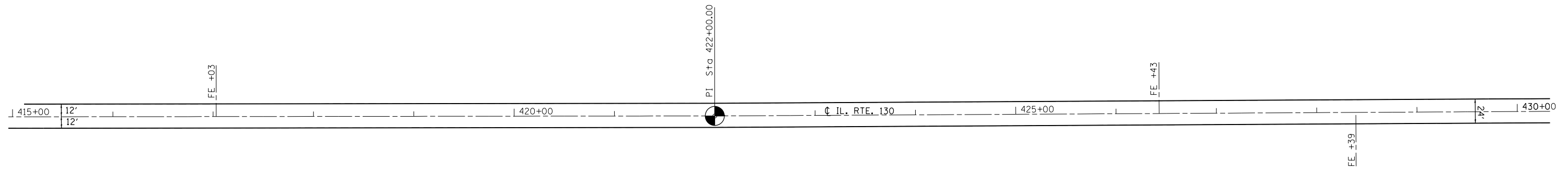
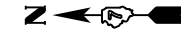
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	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 50      SHEET NO. 12 OF 20 SHEETS      STA. 385+00      TO STA. 415+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	34
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



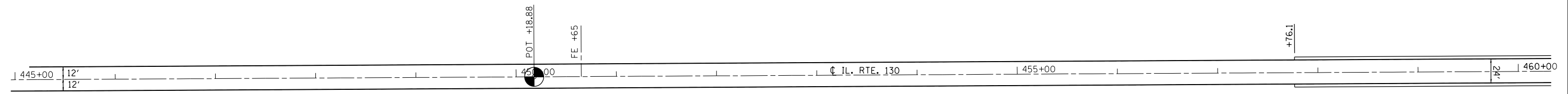
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	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

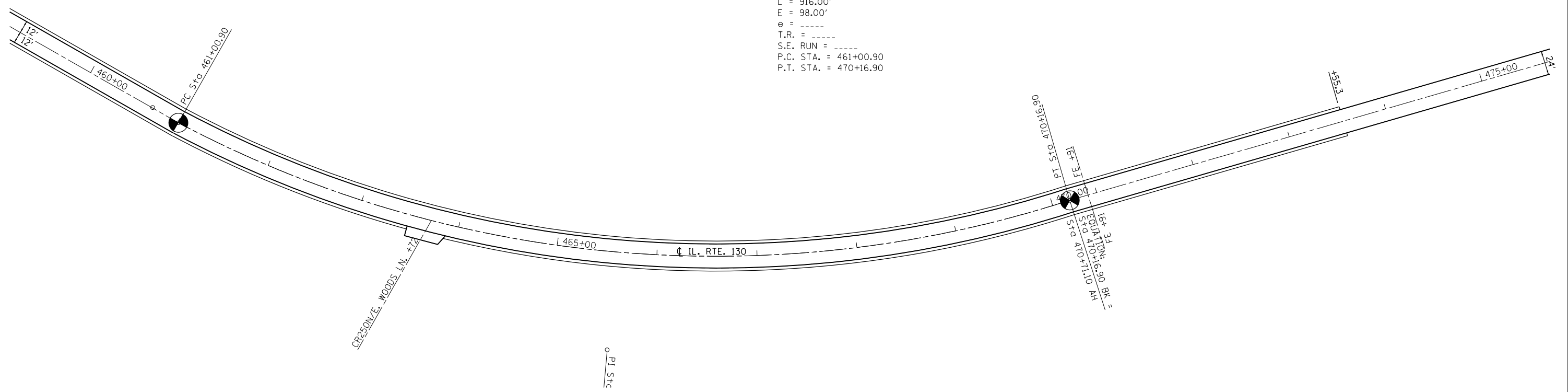
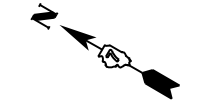
**PLAN SHEET**

SCALE: 50      SHEET NO. 13 OF 20 SHEETS      STA. 415+00      TO STA. 445+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	35
CONTRACT NO. 74409			ILLINOIS FED. AID PROJECT	



EXIST. CURVE CURV03  
 PI STA. = 465+84.94  
 $\Delta$  = 45° 47' 05" (LT)  
 $D$  = 4° 59' 54"  
 $R$  = 1,146.30'  
 $T$  = 484.04'  
 $L$  = 916.00'  
 $E$  = 98.00'  
 $e$  = -----  
 $T.R.$  = -----  
 $S.E. RUN$  = -----  
 P.C. STA. = 461+00.90  
 P.T. STA. = 470+16.90



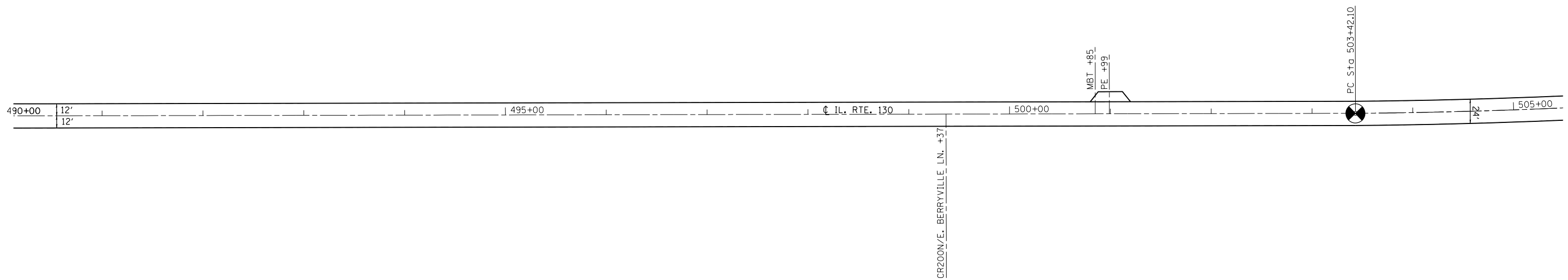
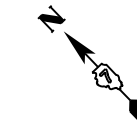
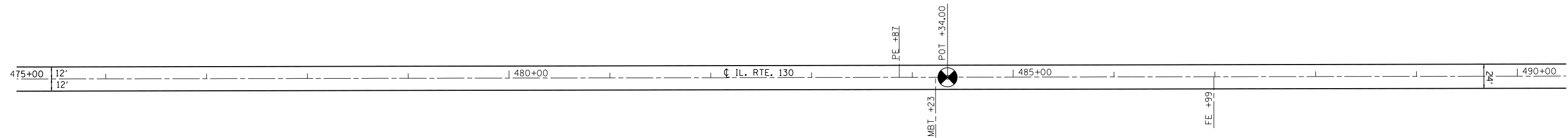
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	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 50      SHEET NO. 14 OF 20 SHEETS      STA. 445+00      TO STA. 475+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	36
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/14/2013	DATE -	REVISED -

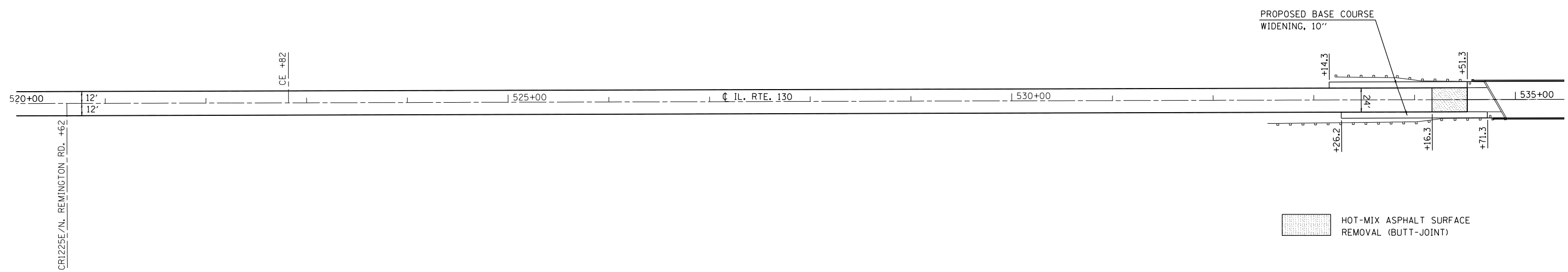
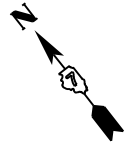
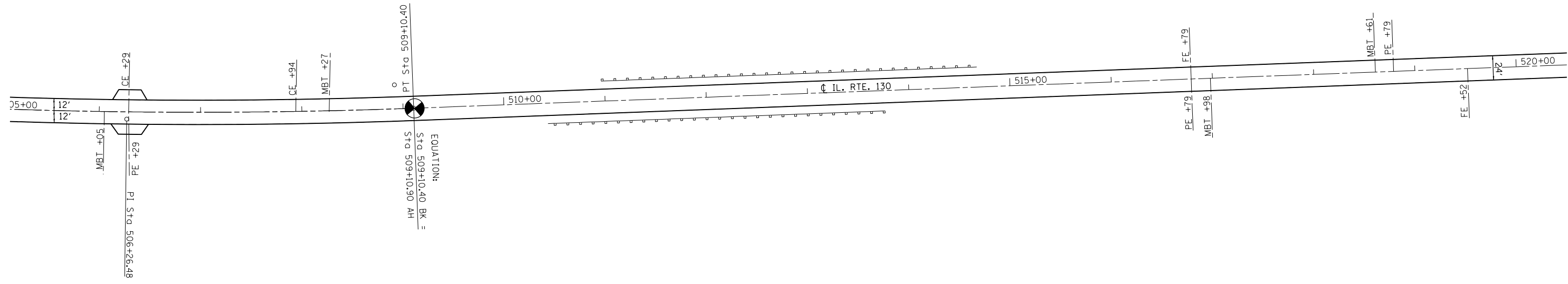
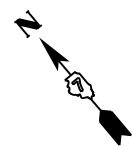
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

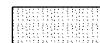
**PLAN SHEET**

SCALE: 50 SHEET NO. 15 OF 20 SHEETS STA. 475+00 TO STA. 505+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	37
<b>CONTRACT NO. 74409</b>				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE CURV04  
 PI STA. = 506+26.48  
 $\Delta = 5^\circ 40' 59''$  (LT)  
 $D = 1^\circ 00' 00''$   
 $R = 5,729.65'$   
 $T = 284.38'$   
 $L = 568.30'$   
 $E = 7.05'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 P.C. STA. = 503+42.10  
 P.T. STA. = 509+10.40



 HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT)

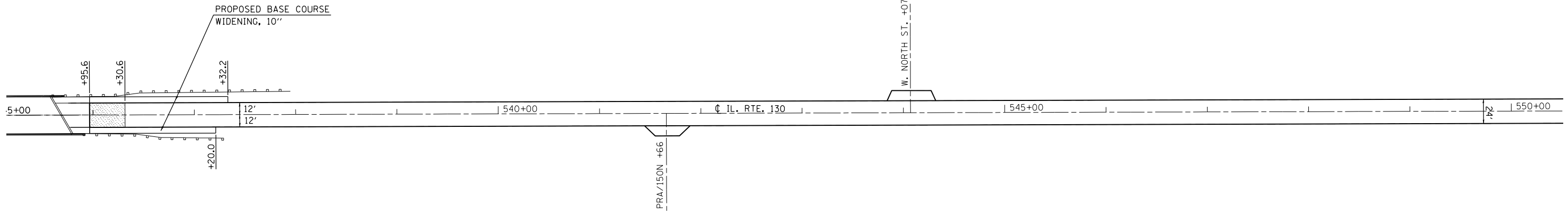
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
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

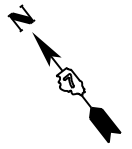
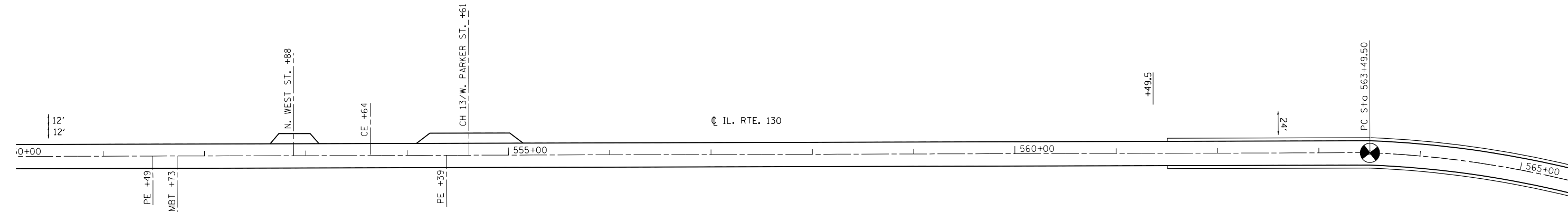
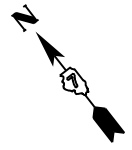
**PLAN SHEET**

SCALE: 50 SHEET NO. 16 OF 20 SHEETS STA. 505+00 TO STA. 535+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	38
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				




 HOT-MIX ASPHALT SURFACE  
 REMOVAL (BUTT-JOINT)



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	PLOT DATE = 3/14/2013	DATE -	REVISED -

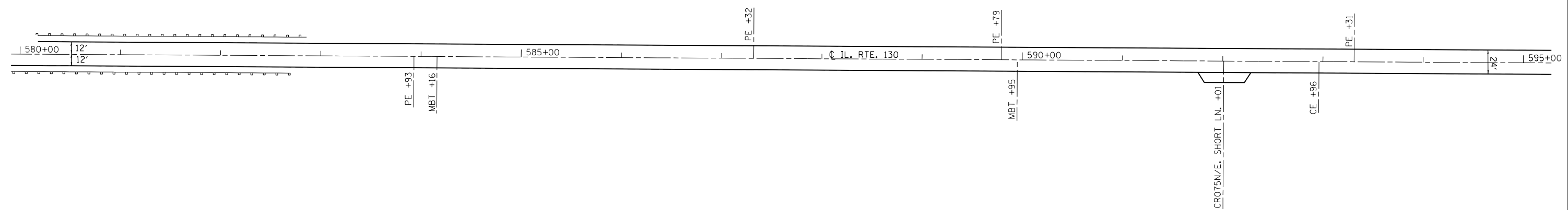
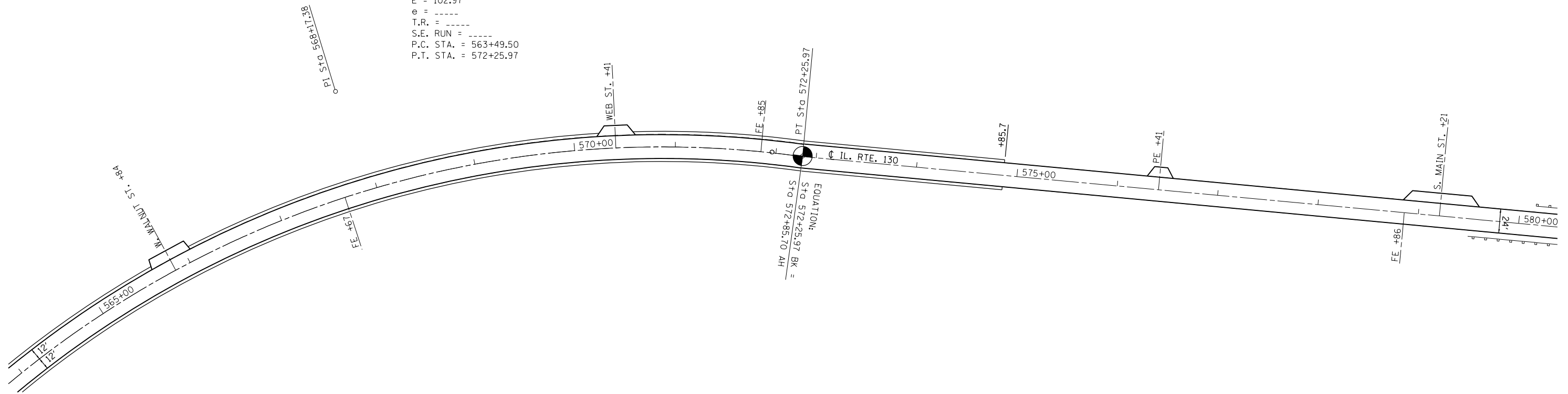
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 50      SHEET NO. 17 OF 20 SHEETS      STA. 535+00      TO STA. 564+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	39
<b>CONTRACT NO. 74409</b>				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE CURV05  
 PI STA. = 568+17.38  
 $\Delta = 49^\circ 38' 48''$  (RT)  
 $D = 5^\circ 39' 52''$   
 $R = 1,011.51'$   
 $T = 467.88'$   
 $L = 876.47'$   
 $E = 102.97'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 563+49.50  
 P.T. STA. = 572+25.97



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	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

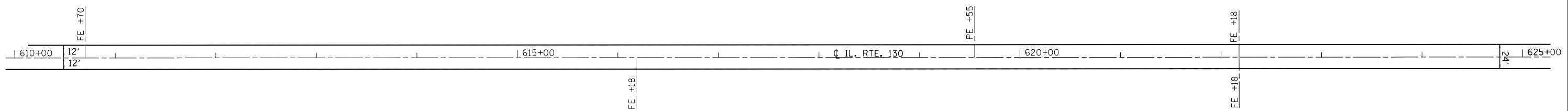
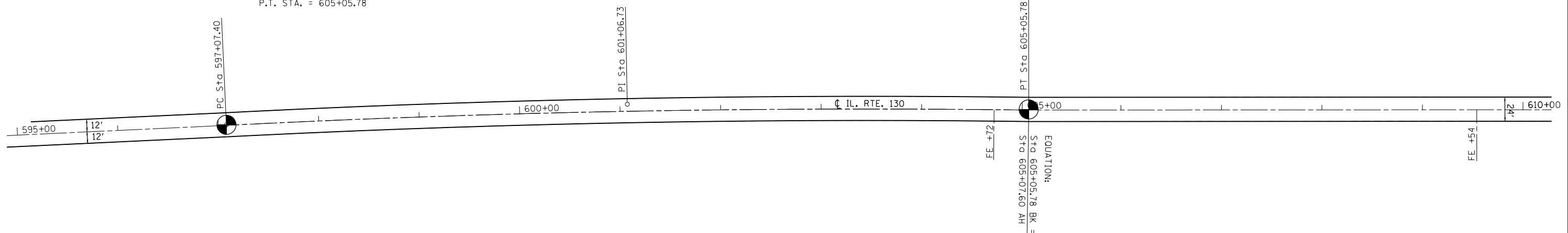
**PLAN SHEET**

SCALE: 50      SHEET NO. 18 OF 20 SHEETS      STA. 564+00      TO STA. 595+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	40
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CURV06  
 PI STA. = 601+06.73  
 $\Delta = 3^\circ 40' 06''$  (RT)  
 $D = 0^\circ 27' 34''$   
 $R = 12,470.16'$   
 $T = 399.33'$   
 $L = 798.38'$   
 $E = 6.39'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 P.C. STA. = 597+07.40  
 P.T. STA. = 605+05.78



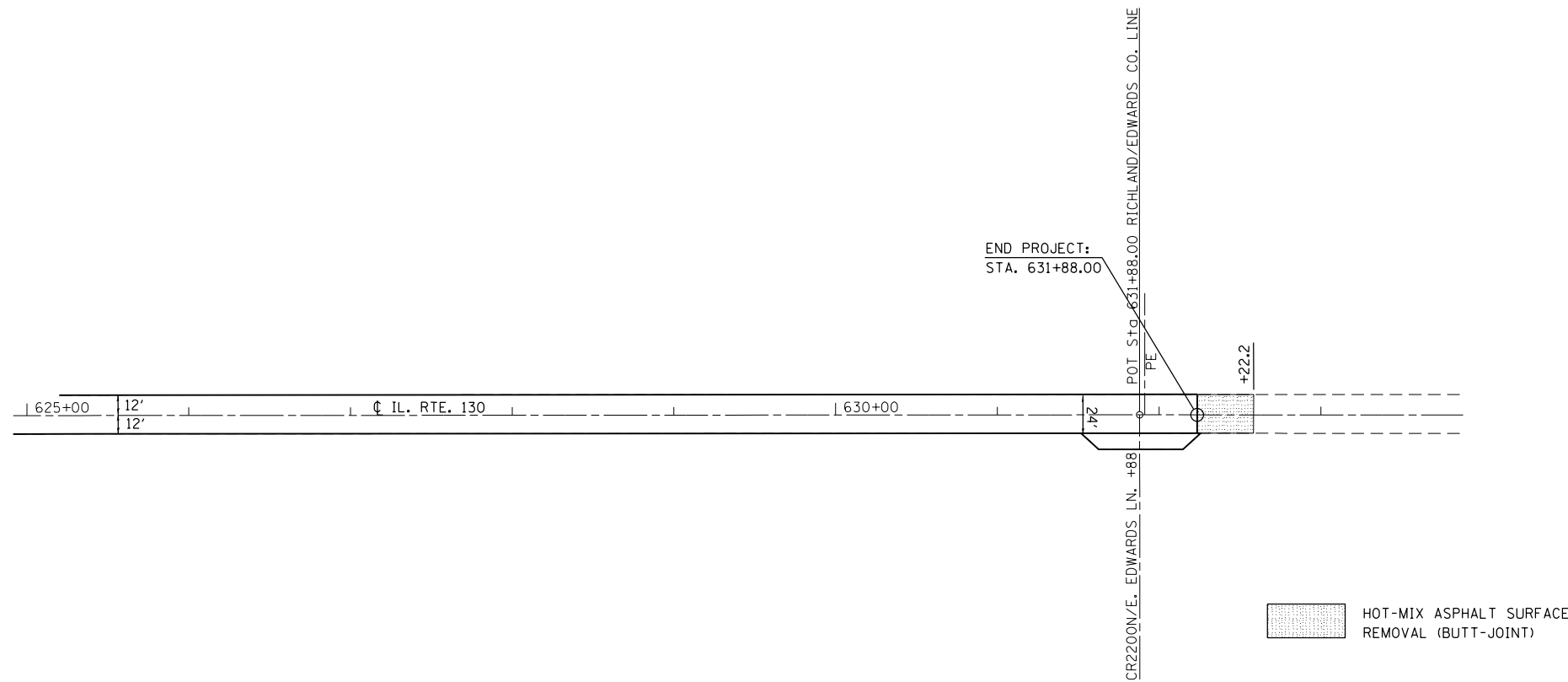
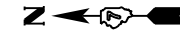
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	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 50 SHEET NO. 19 OF 20 SHEETS STA. 595+00 TO STA. 625+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	41
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



HOT-MIX ASPHALT SURFACE  
REMOVAL (BUTT-JOINT)

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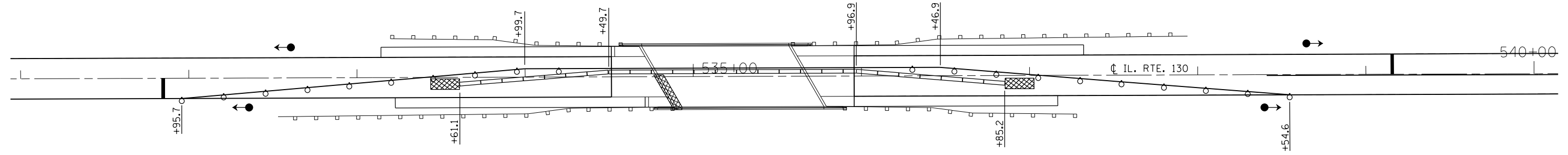
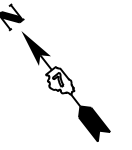
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

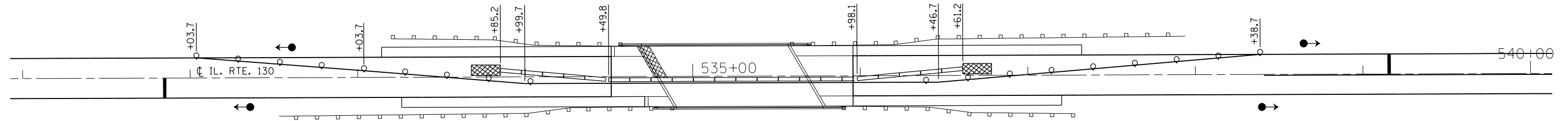
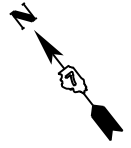
SCALE: 50 SHEET NO. 20 OF 20 SHEETS STA. 625+00 TO STA. 631+88

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74409	

STAGE I



STAGE II



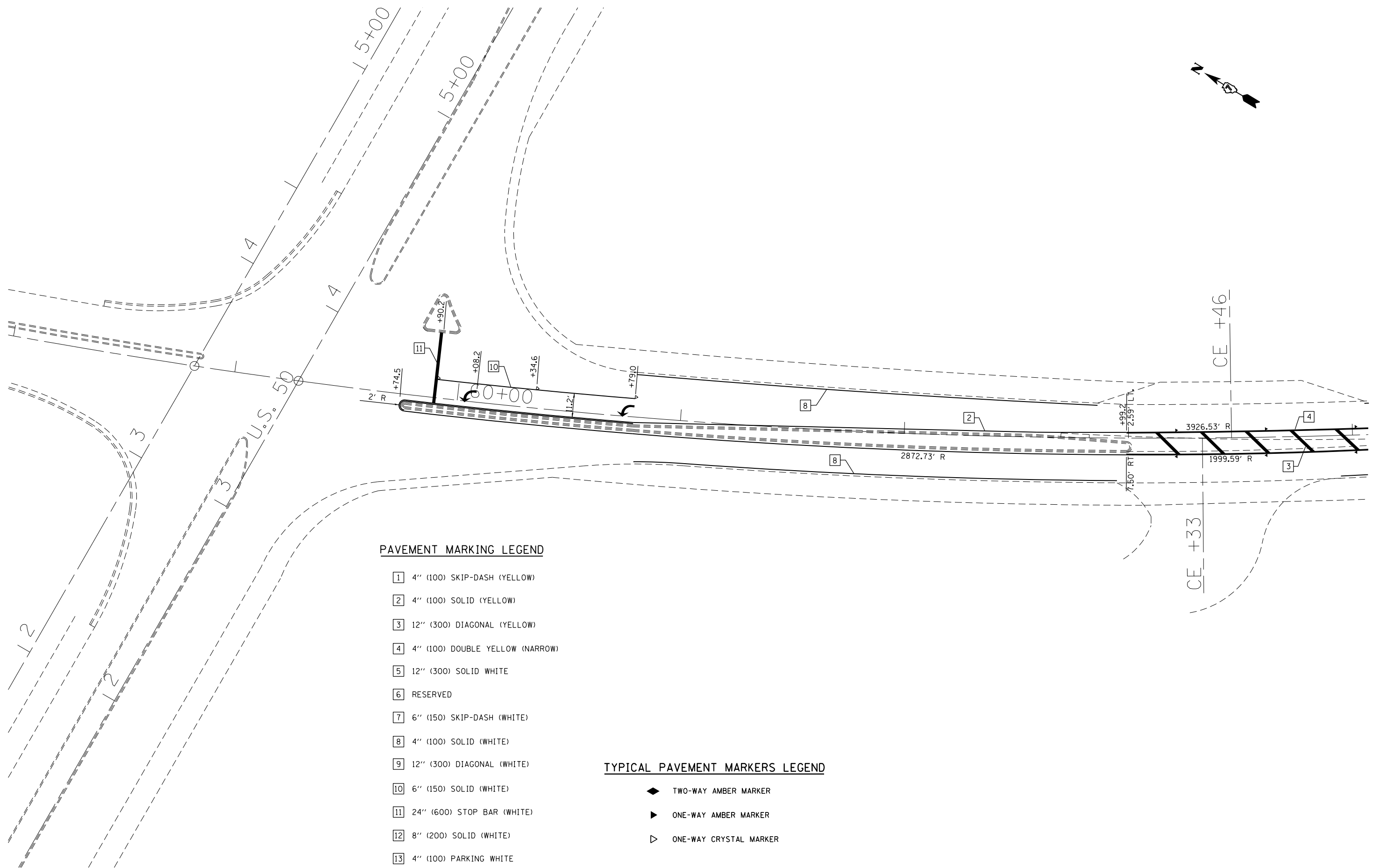
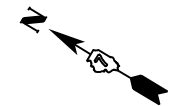
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PLOT DATE = 3/14/2013		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL STAGING  
TEMPORARY CONCRETE BARRIER LAYOUT**

SCALE: 30 SHEET 1 OF 1 SHEETS STA. 531+00 TO STA. 540+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	43
				<b>CONTRACT NO. 74409</b>
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

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

**TYPICAL PAVEMENT MARKERS LEGEND**

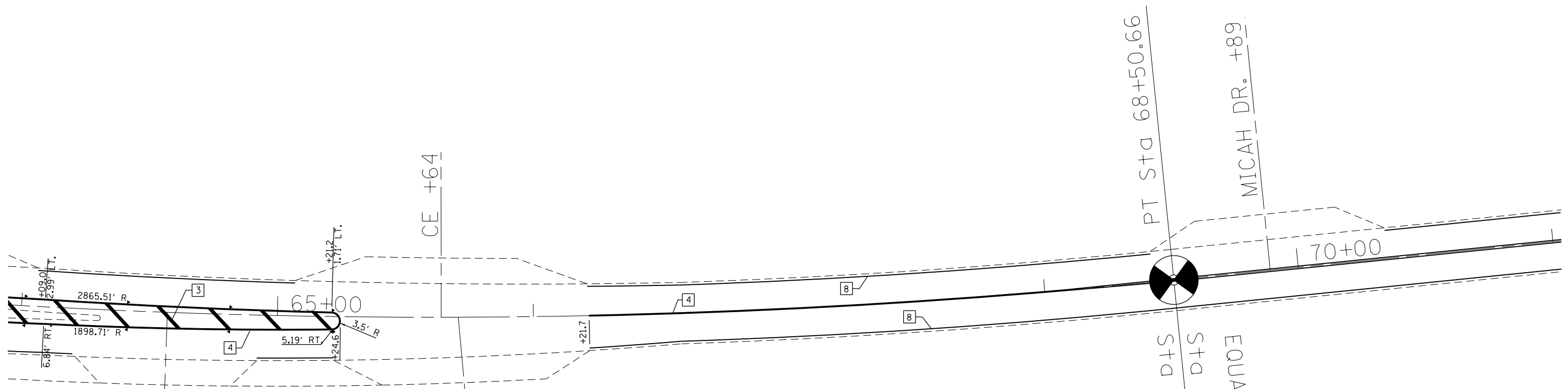
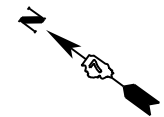
- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

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	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STRIPING PLAN</b>			
SCALE: 20	SHEET 1	OF 6 SHEETS	STA. 58+00 TO STA. 64+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	44
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

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

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

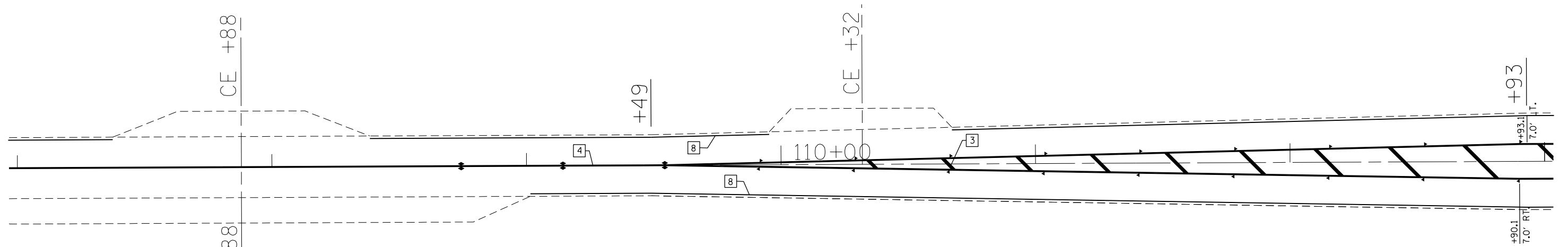
EQUATION:  
 STA 68+50.66 BK =  
 STA 69+51.16 AH

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	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>STRIPING PLAN</b>			
SCALE: 20	SHEET 2	OF 6 SHEETS	STA. 64+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	45
CONTRACT NO. 74409			ILLINOIS FED. AID PROJECT	



**PAVEMENT MARKING LEGEND**

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

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

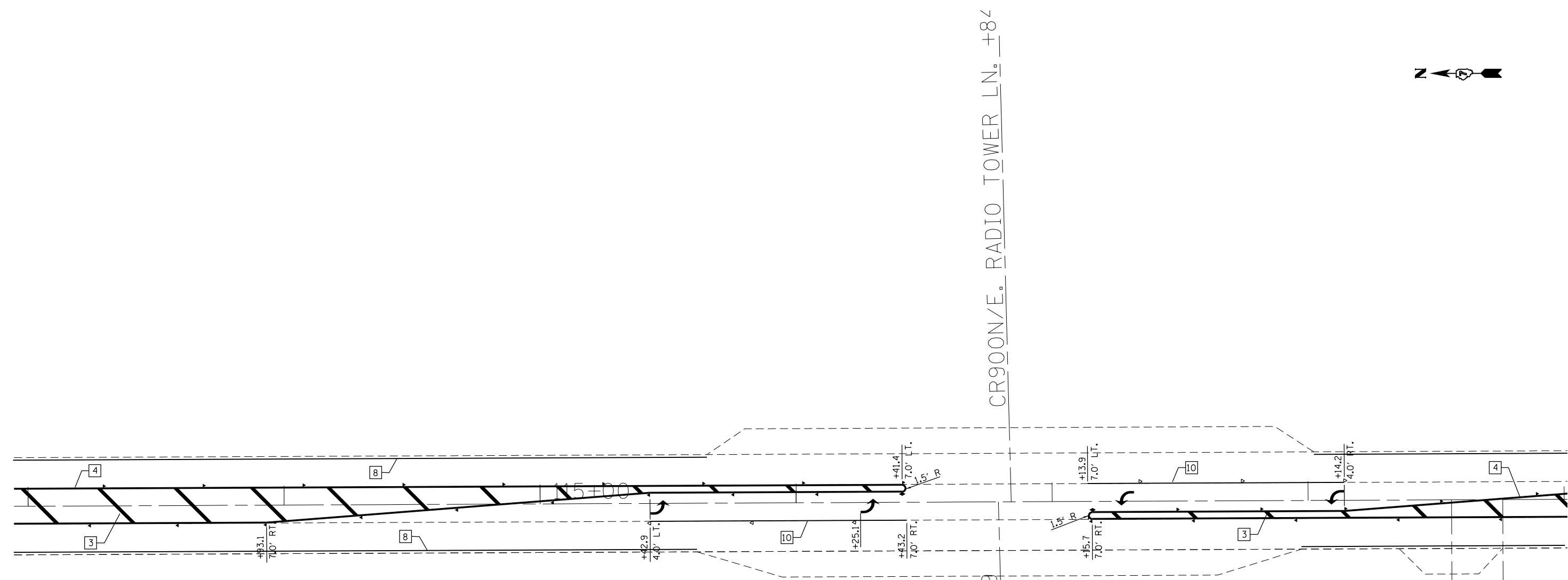
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	PLOT DATE = 3/14/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STRIPING PLAN**

SCALE: 20 SHEET 3 OF 6 SHEETS STA. 107+00 TO STA. 113+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	46
CONTRACT NO. 74409			ILLINOIS FED. AID PROJECT	



**PAVEMENT MARKING LEGEND**

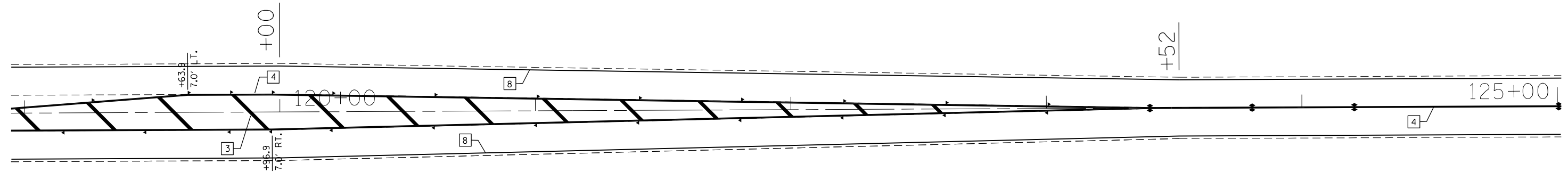
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

PE +56  
CE +76

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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		116	(124,125,126)RS-3	RICHLAND	60	47			
PLOT DATE = 3/14/2013	DATE -	REVISED -			SCALE: 20	SHEET 4	OF 6	SHEETS	STA. 113+00	TO STA. 119+00	CONTRACT NO. 74409	
ILLINOIS FED. AID PROJECT												



**PAVEMENT MARKING LEGEND**

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

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STRIPING PLAN**

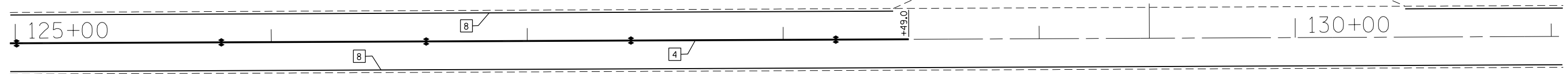
SCALE: 20 SHEET 5 OF 6 SHEETS STA. 119+00 TO STA. 125+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	48
				<b>CONTRACT NO. 74409</b>
ILLINOIS FED. AID PROJECT				





CR880N/E. WEINMANN DR. +43



**PAVEMENT MARKING LEGEND**

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

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

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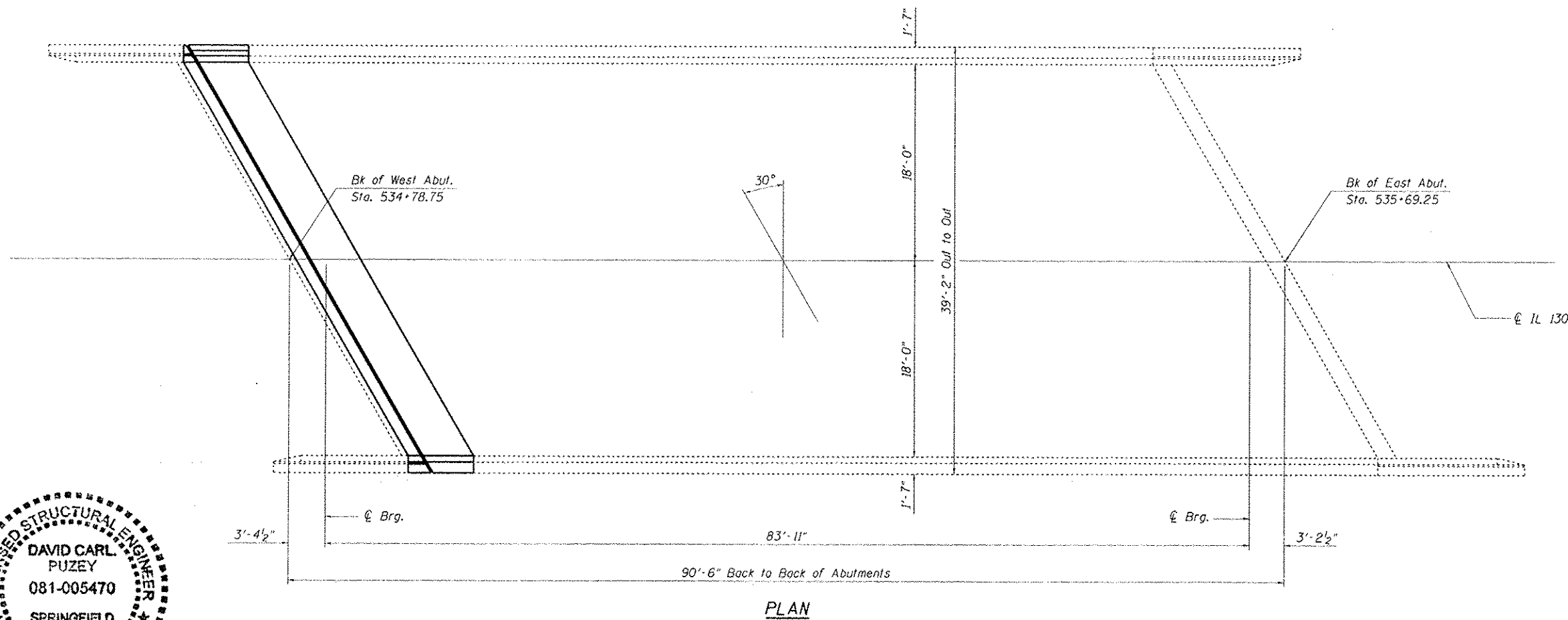
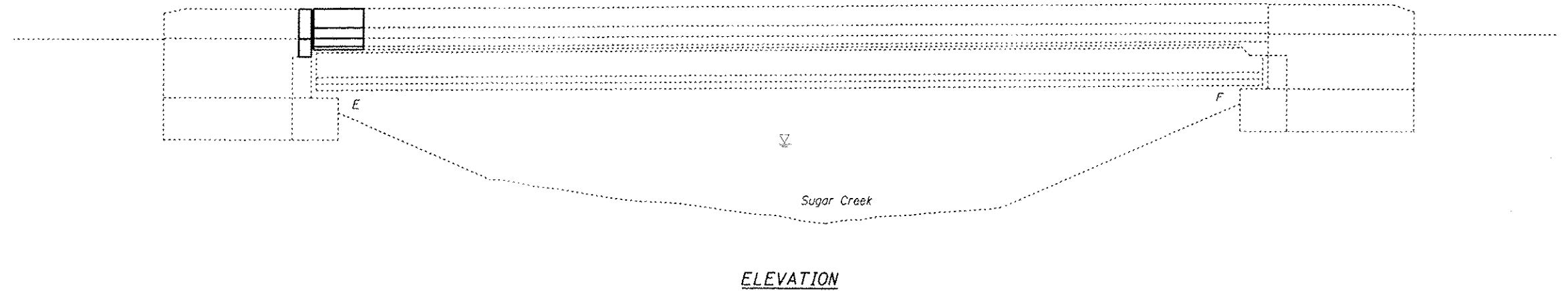
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STRIPING PLAN**

SCALE: 20 SHEET 6 OF 6 SHEETS STA. 125+00 TO STA. 131+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	49
CONTRACT NO. 74409			ILLINOIS FED. AID PROJECT	

The existing single span precast, prestressed I-beam structure was constructed in 1982 as section 125-BR at Sta. 535+24.00. SN. 080-0020 carries FAP 116 (IL 130) over Sugar Creek. The proposed project consists of a new expansion joint at the west abutment.



*David Carl Puzey* 5/10/13  
Expires 11/30/14

FILE NAME	USER NAME	DESIGNED	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL PLAN AND ELEVATION SN. 080-0020</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\work\sp\do\staf\enck\08147949\074429\st1-br-pln-p-0800028.dgn	staf	KLB				116	(124,125,126)RS-3	Richland	60	50	
PLOT SCALE	CHECKED	DATE	REVISED			CONTRACT NO. 74409					
PLOT DATE	DATE	11/30/11				ILLINOIS FED. AID PROJECT					

**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 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.

Reinforcement bars shall conform to the requirements of ASTM A 706 GRADE 60. See Special Provisions.

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.

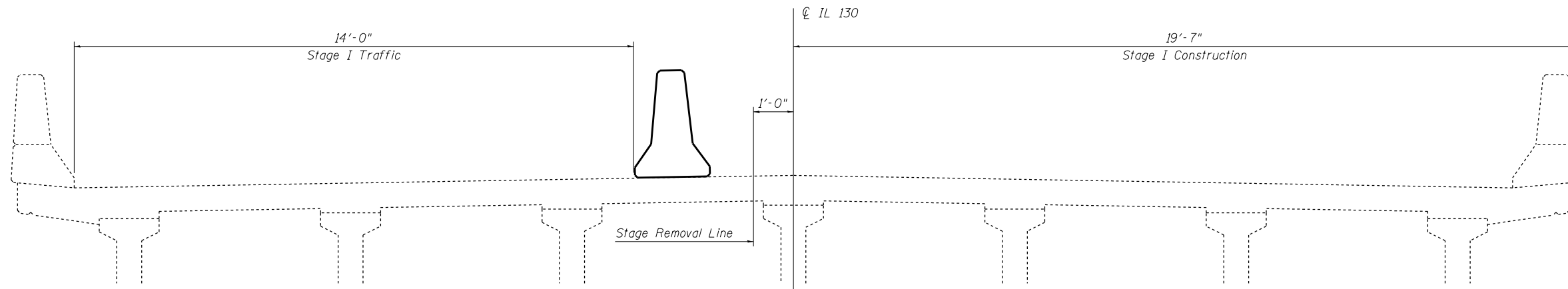
Removal and reinstallation of guardrail sections attached to the structure will be necessary for construction of the expansion joints. All existing embedded anchors that are within the concrete removal area shall be cleaned and incorporated into the new construction or new approved alternates shall be supplied and installed. This work and all materials 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.

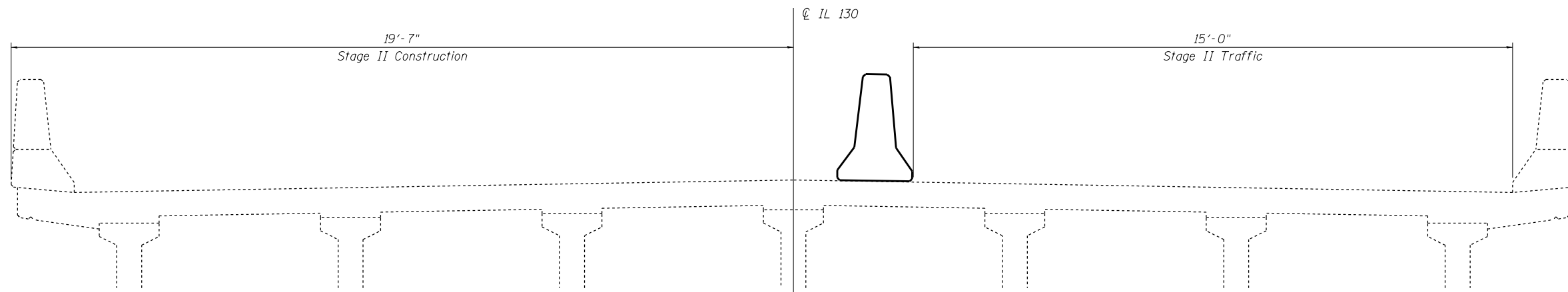
The Contractor shall use extreme care during concrete removal so as not to damage the PPC I-beams.

**TOTAL BILL OF MATERIALS**

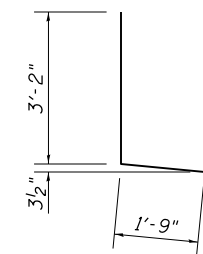
ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	12.4
Concrete Superstructure	Cu. Yd.	12.4
Reinforcement Bars, Epoxy Coated	Pound	2080
Bar Splicers	Each	12
Protective Coat	Sq Yd	30
Preformed Joint Strip Seal	Foot	44



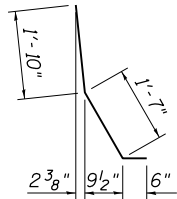
**STAGE I LOOKING EAST**



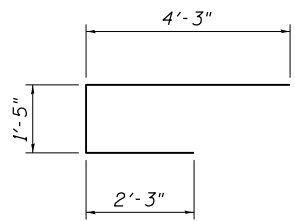
**STAGE II LOOKING EAST**



**Bar d(E)**



**Bar d1(E)**



**Bar x(E)**

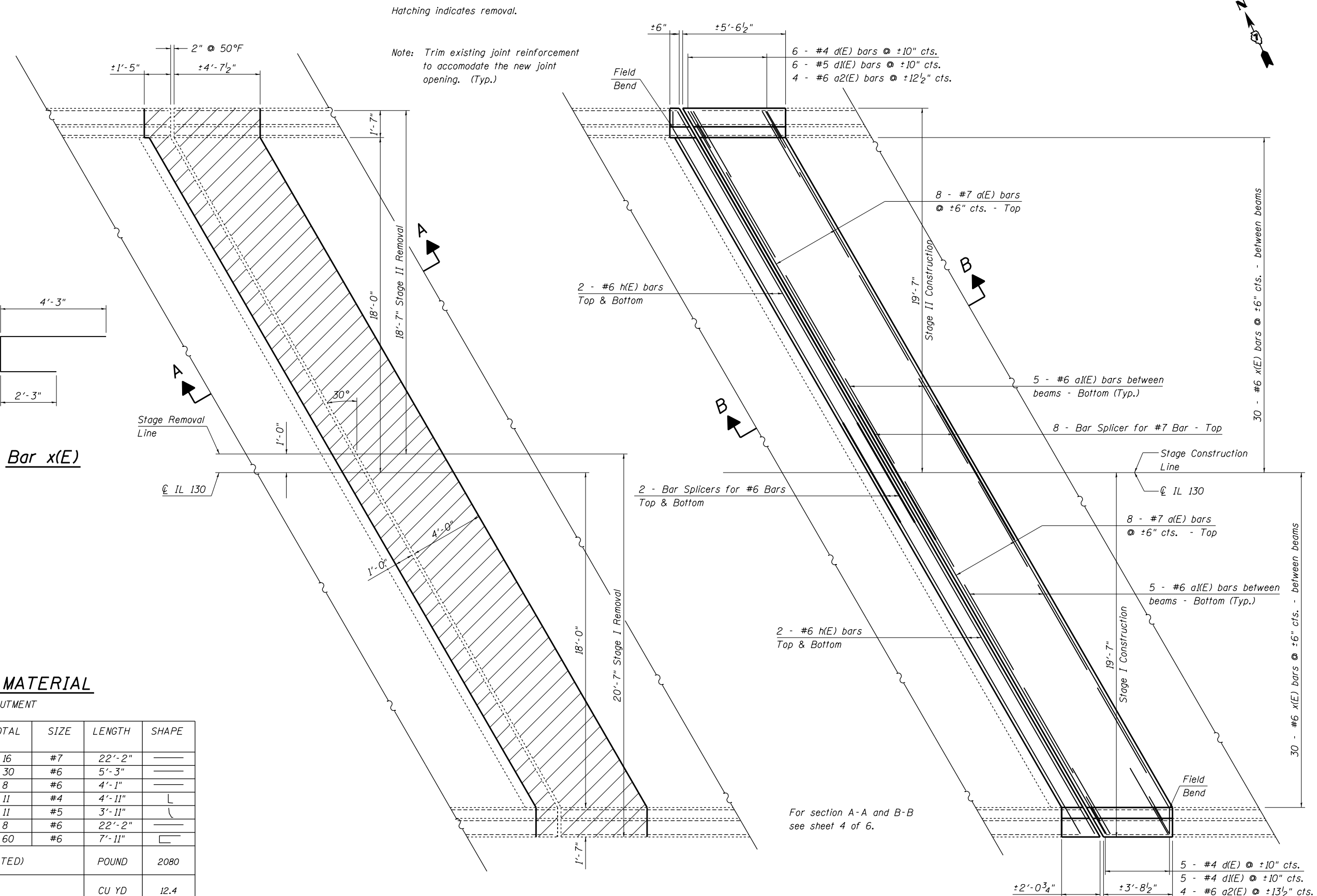
**BILL OF MATERIAL**

PER ABUTMENT

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE	
	STAGE I	STAGE II					
d(E)	8	8	16	#7	22'-2"	—	
d1(E)	15	15	30	#6	5'-3"	—	
a2(E)	4	4	8	#6	4'-1"	—	
d(E)	5	6	11	#4	4'-11"	L	
d1(E)	5	6	11	#5	3'-11"	L	
h(E)	4	4	8	#6	22'-2"	—	
x(E)	33	33	60	#6	7'-11"	□	
REINFORCEMENT BARS (EPOXY COATED)					POUND	2080	
CONCRETE REMOVAL					CU YD	12.4	
CONCRETE SUPERSTRUCTURE					CU YD	12.4	

Hatching indicates removal.

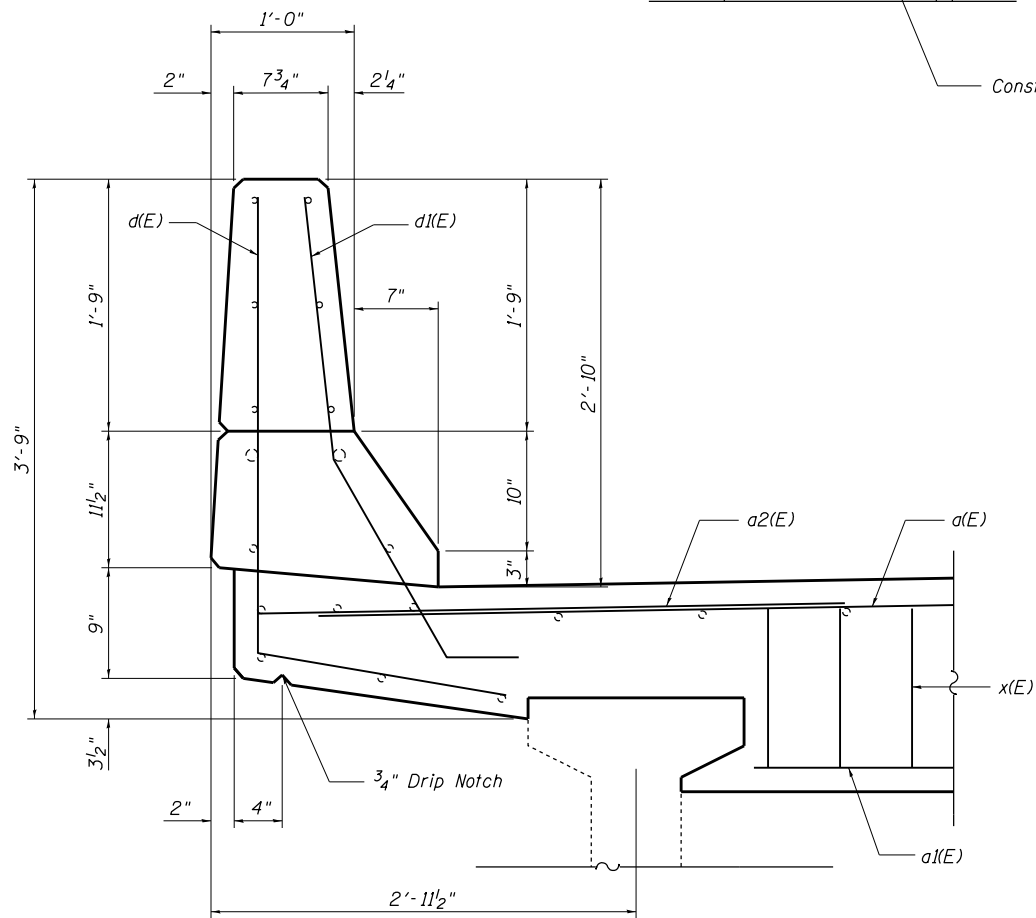
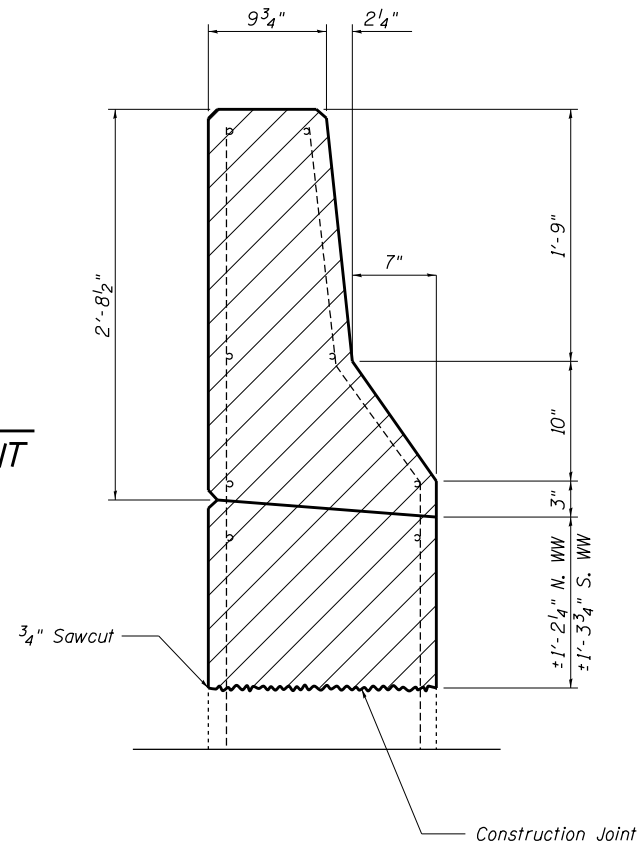
Note: Trim existing joint reinforcement to accommodate the new joint opening. (Typ.)



**EXISTING PARTIAL PLAN**

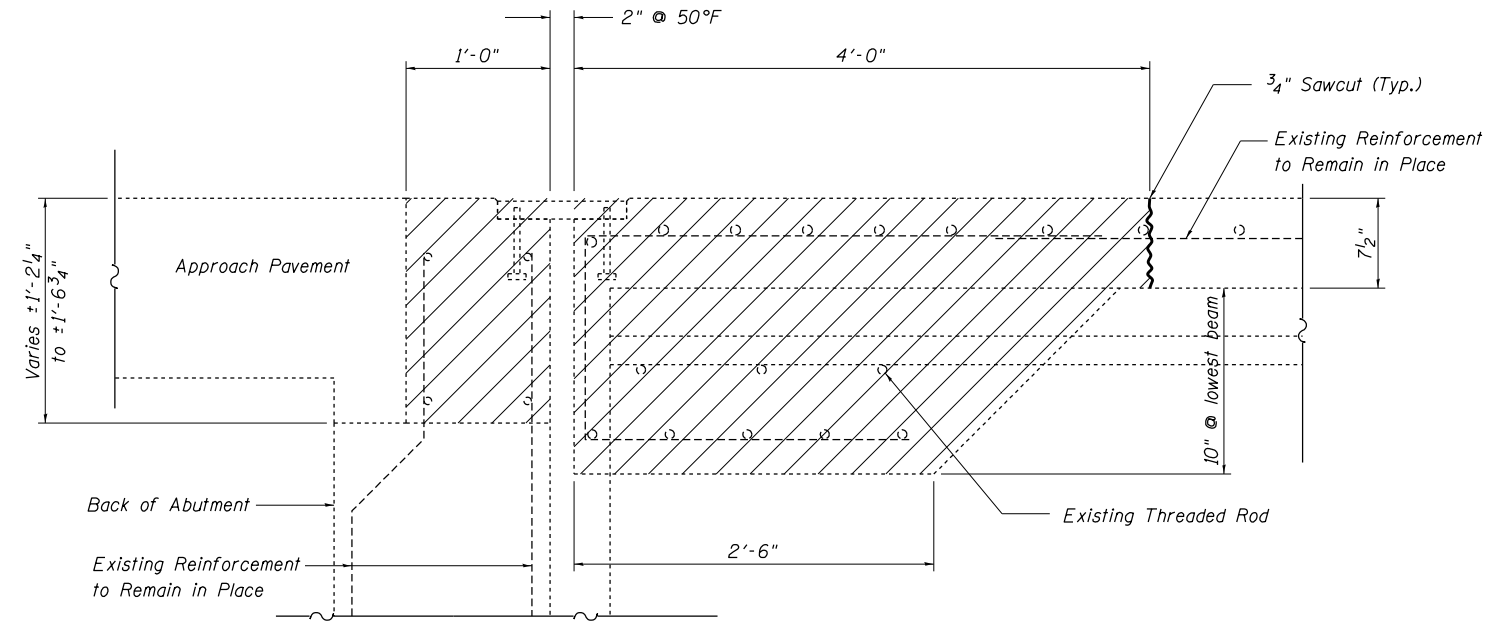
**PROPOSED PARTIAL PLAN**

**TYPICAL WINGWALL  
REMOVAL AND REPLACEMENT**



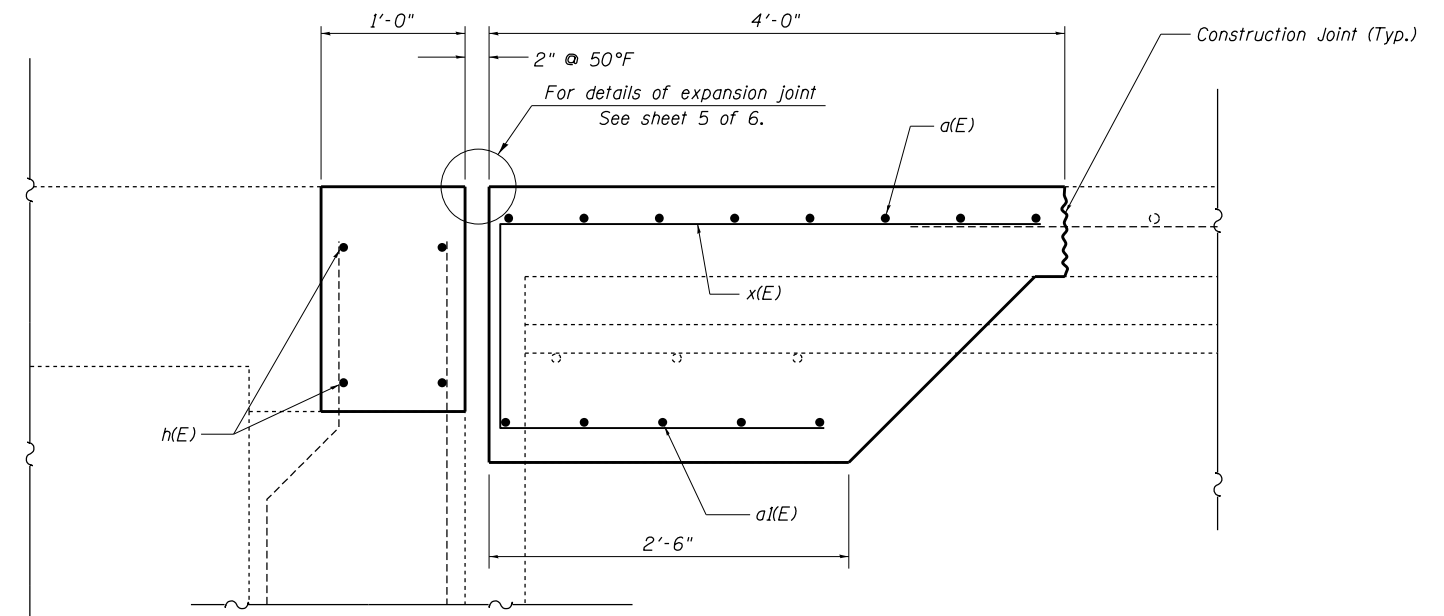
**SECTION THRU PARAPET**

Hatching 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)

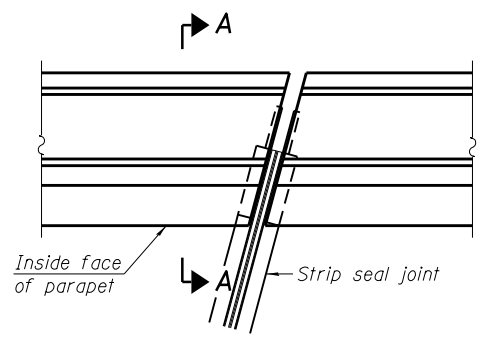
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PLOT SCALE = 40.0000' / in.		CHECKED - MEA	REVISED -
PLOT DATE = 3/14/2013		DATE - 11/31/11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

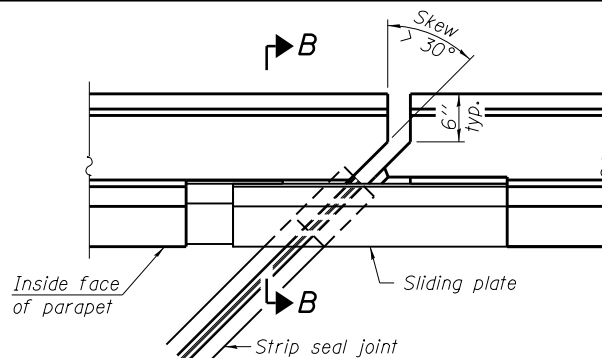
**EXPANSION JOINT REPLACEMENT DETAILS  
SN. 080-0020 - WEST ABUTMENT**

SCALE: N/A SHEET 4 OF 6 SHEETS STA. TO STA.

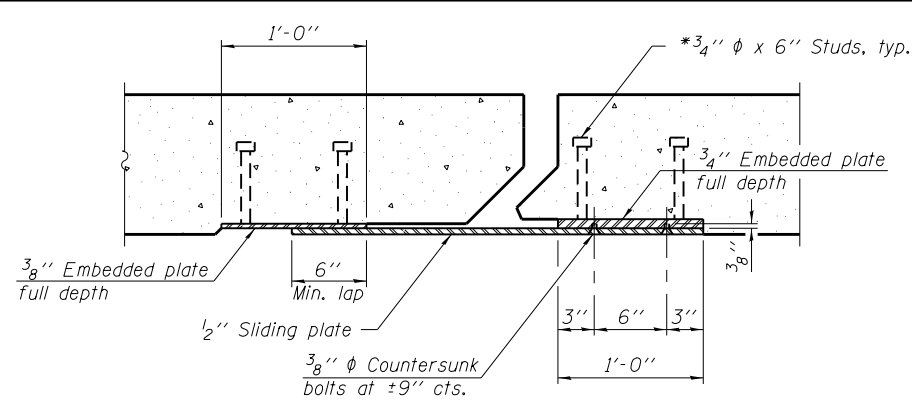
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	Richland	60	53
CONTRACT NO. 74409			ILLINOIS FED. AID PROJECT	



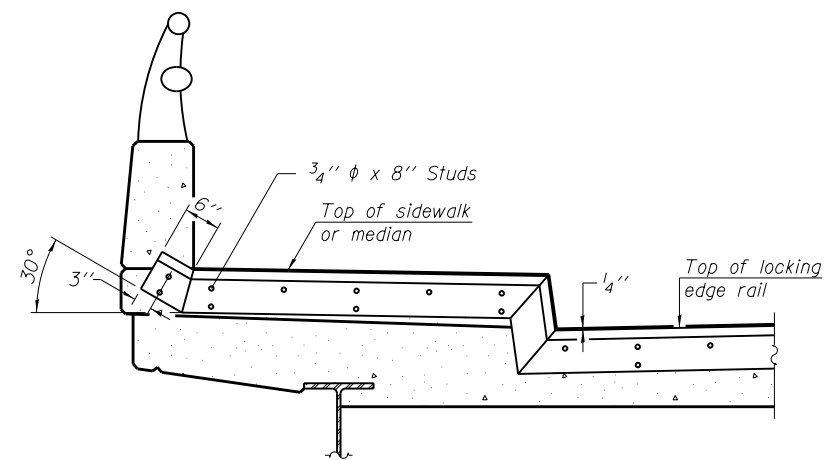
**PLAN**  
(For skews  $\leq 30^\circ$ )



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

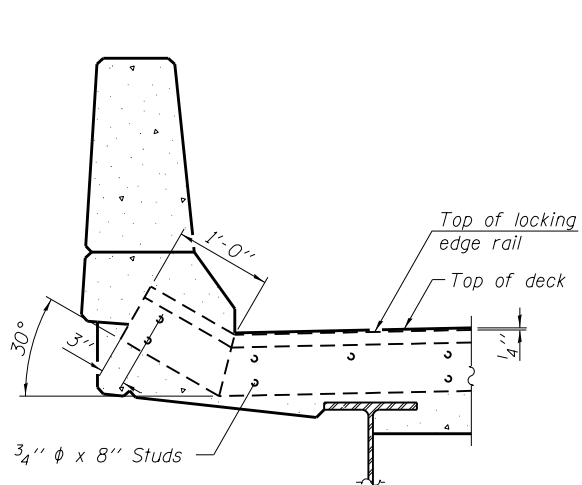


**SECTION C-C**

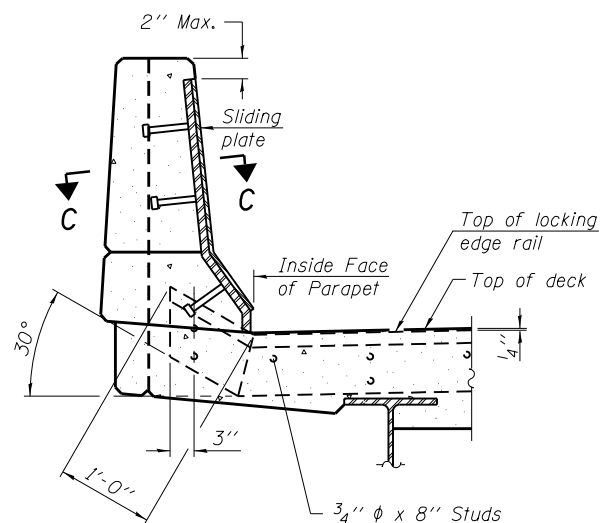


**TYPICAL END TREATMENT AT SIDEWALK OR MEDIAN**

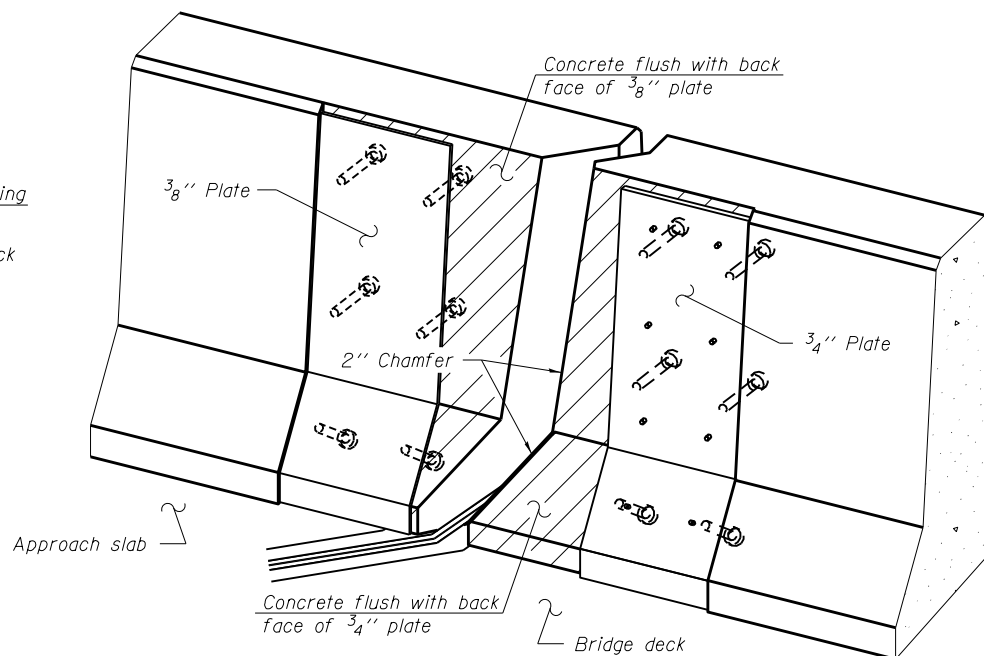
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.



**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.

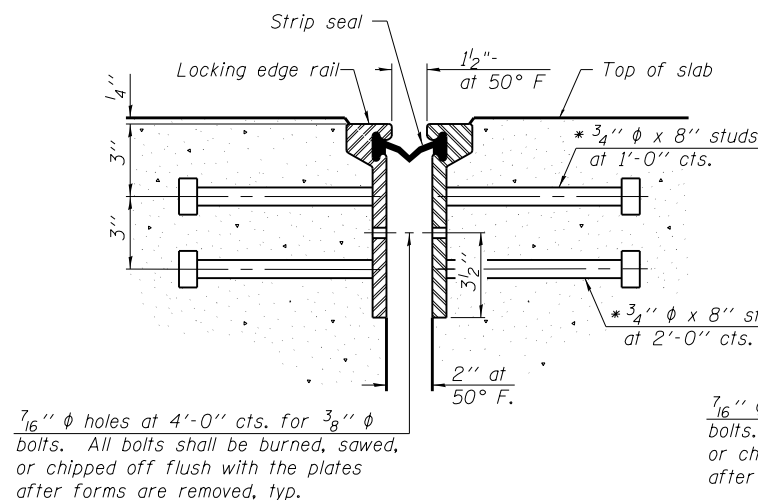
The manufacturer's recommended installation methods shall be followed.

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.

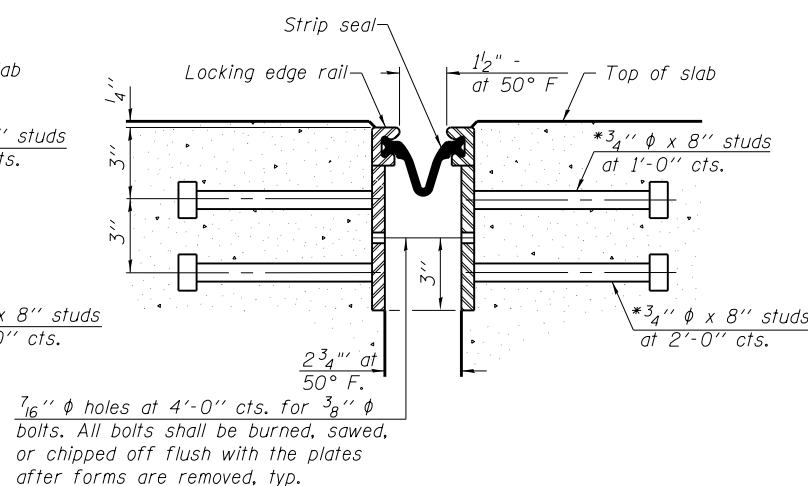
Maximum space between rail segments at stage lines shall be 3/16", sealed with a suitable sealant.

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"  $\phi$  holes at 4'-0" cts. for 3/8"  $\phi$  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	44.0

EJ-SSJ

7-1-10

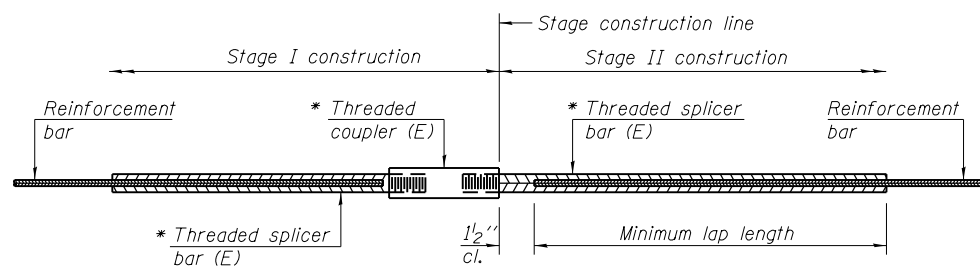
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PLOT SCALE = 40.0000 ' / in.		CHECKED - MEA	REVISED -
PLOT DATE = 3/14/2013		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL  
STRUCTURE NO. 080-0020

SCALE: N/A SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	Richland	60	54
CONTRACT NO.			74409	
ILLINOIS FED. AID PROJECT				



**STANDARD BAR SPLICER ASSEMBLY**

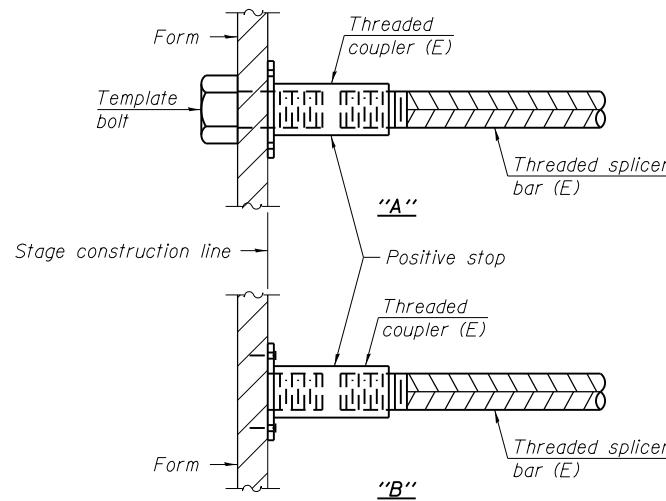
Bar size to be spliced	Minimum Lap Lengths				
	Table 1	Table 2	Table 3	Table 4	Table 5
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-3"
5	1'-9"	2'-5"	2'-7"	2'-11"	2'-10"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-4"
7	2'-9"	3'-10"	4'-2"	4'-8"	4'-6"
8	3'-8"	5'-1"	5'-5"	6'-2"	5'-10"
9	4'-7"	6'-5"	6'-10"	7'-9"	7'-5"

- 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, Top bar lap, Class B

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

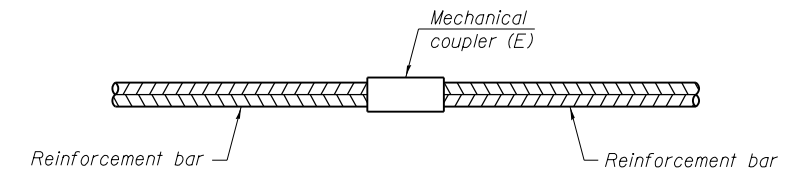
\* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
Abutment	#6	4	Table 3
Deck	#7	8	Table 3



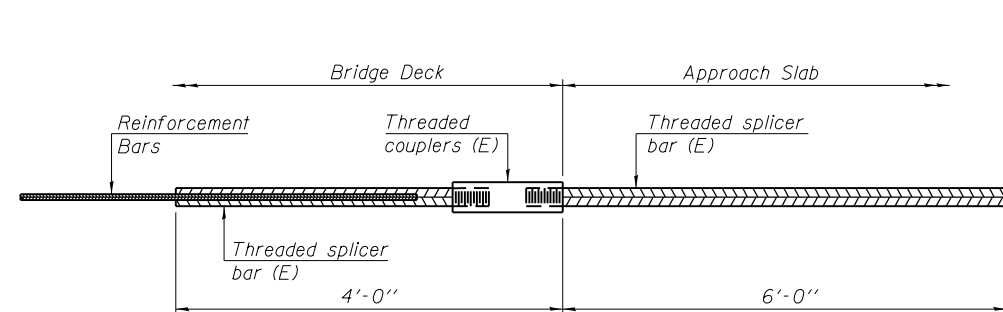
**INSTALLATION AND SETTING METHODS**

"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.



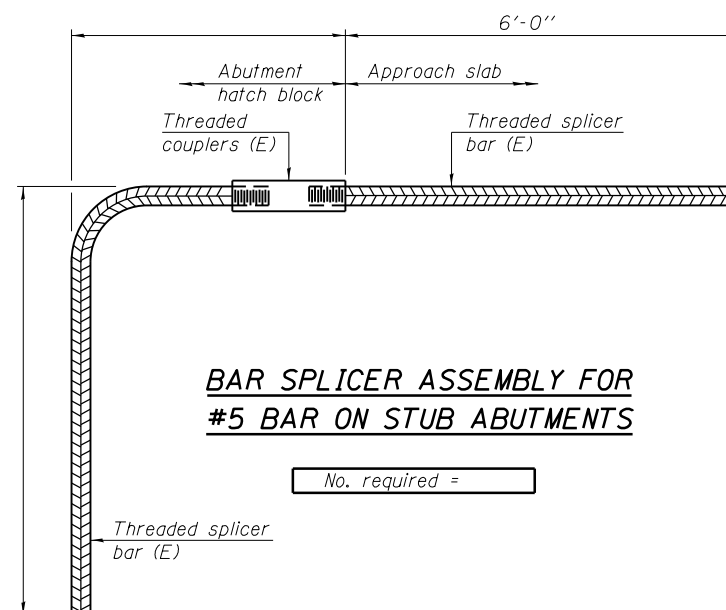
**STANDARD MECHANICAL SPLICER**

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**

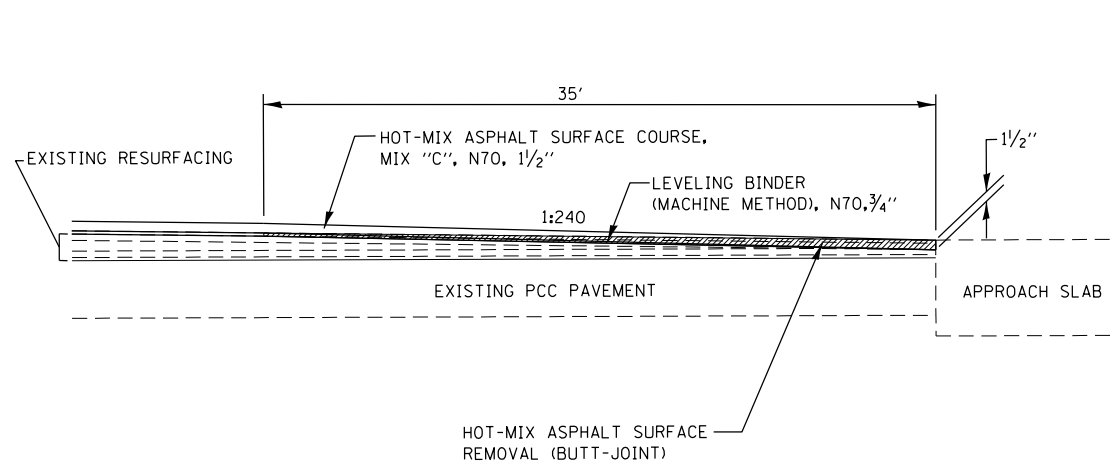
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.  
 All reinforcement shall be lapped and tied to the splicer bars.  
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.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

BSD-1

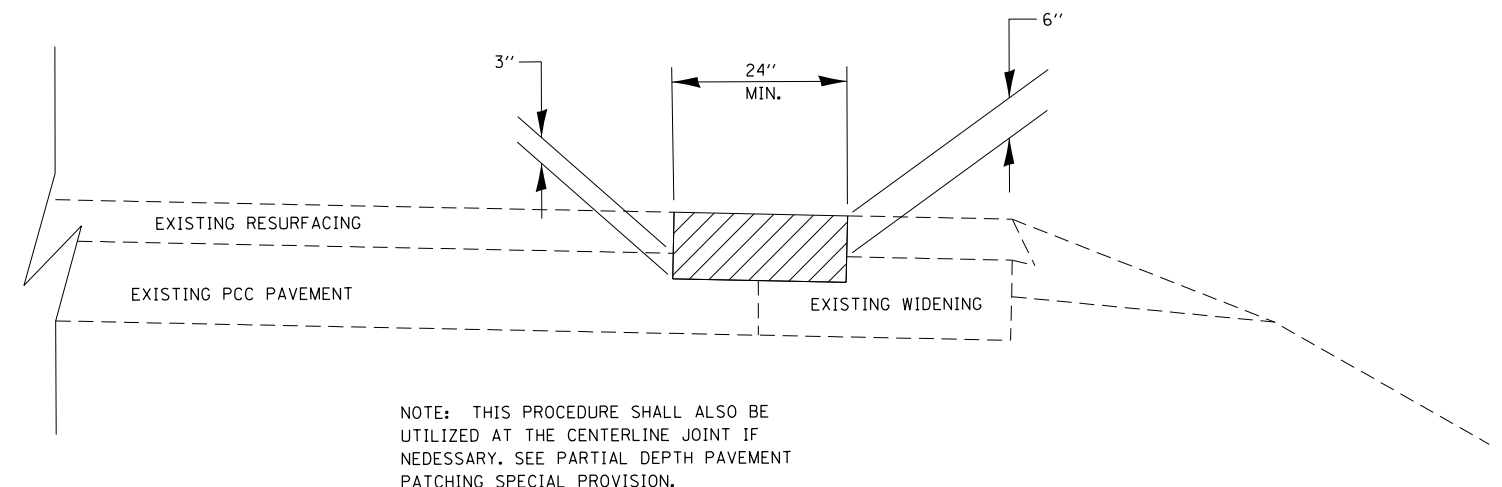
7-1-10

### BUTT-JOINT DETAIL

STA. 166+91.00 TO STA. 167+26.00  
 STA. 169+26.00 TO STA. 169+61.00  
 STA. 230+49.00 TO STA. 230+84.00  
 STA. 232+23.00 TO STA. 232+58.00  
 STA. 534+15.00 TO STA. 534+50.00  
 STA. 535+97.00 TO STA. 536+32.00

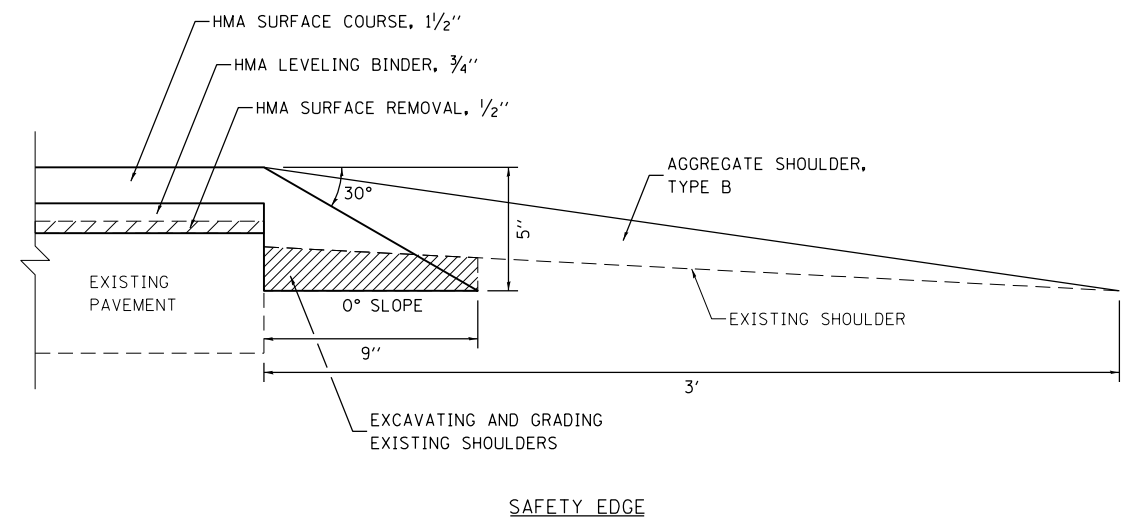
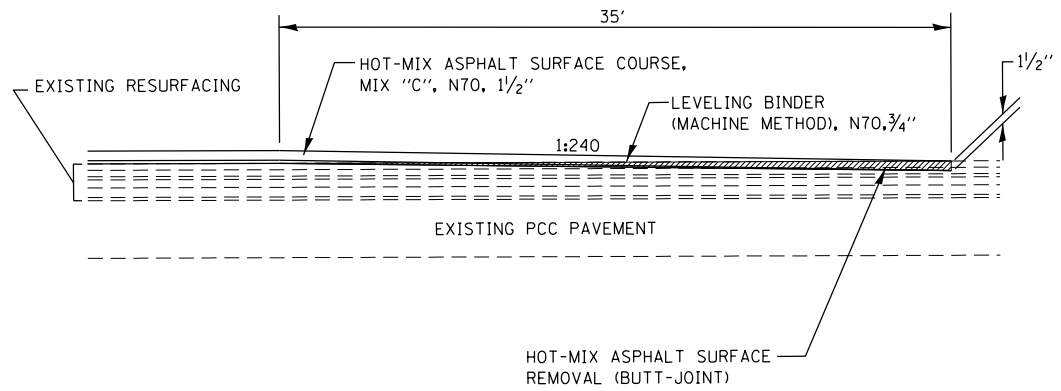


### PARTIAL DEPTH PAVEMENT PATCHING DETAIL



### BUTT-JOINT DETAIL

STA. 632+88.00 TO STA. 632+23.00



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

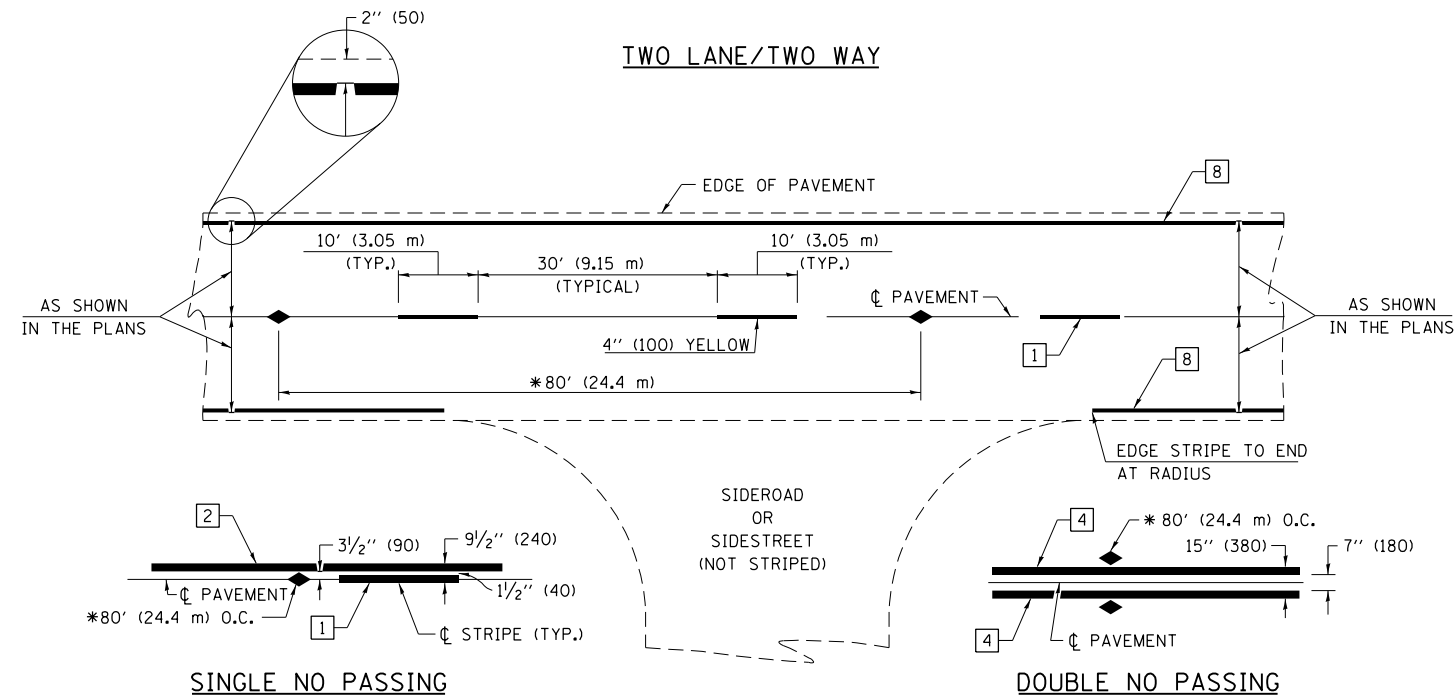
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT DETAILS  
 PARTIAL DEPTH PAVEMENT PATCHING DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	56
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				

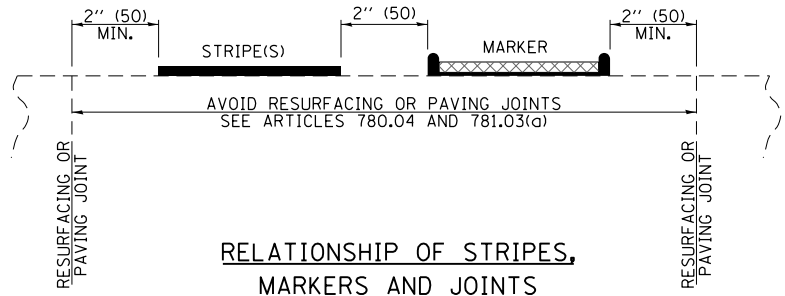




**PAVEMENT MARKING LEGEND**

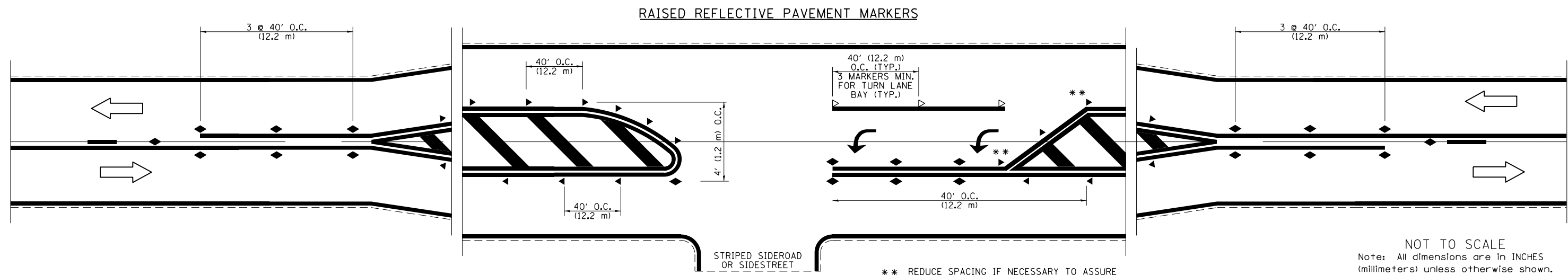
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

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



**TYPICAL PAVEMENT MARKERS LEGEND**

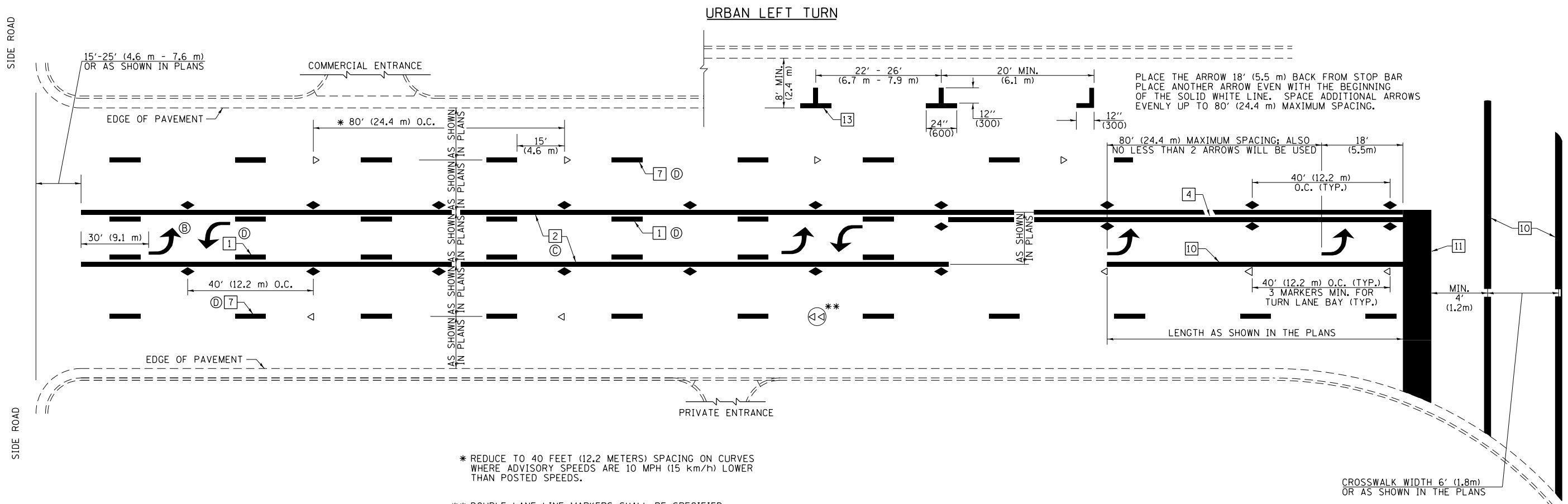
- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE  
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 3/14/2013	CHECKED -	REVISED -			CONTRACT NO. 74409					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



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

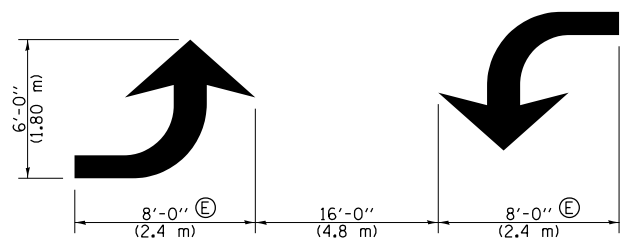
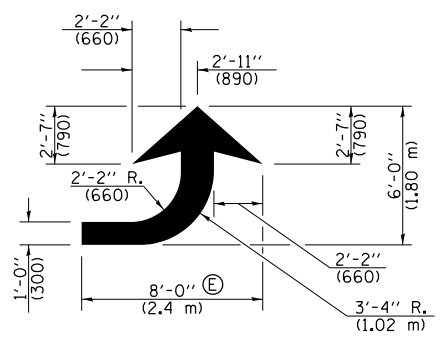
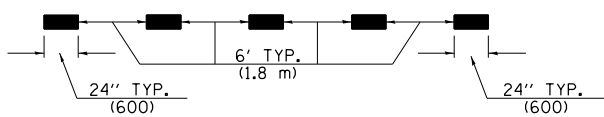
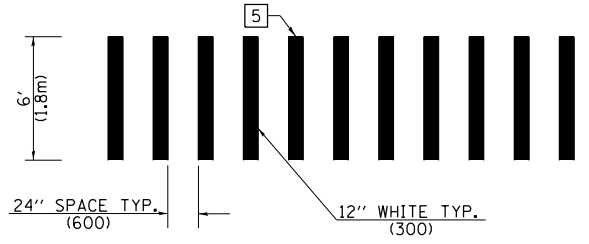
\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**PAVEMENT MARKING LEGEND**

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

**GENERAL NOTES**

1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



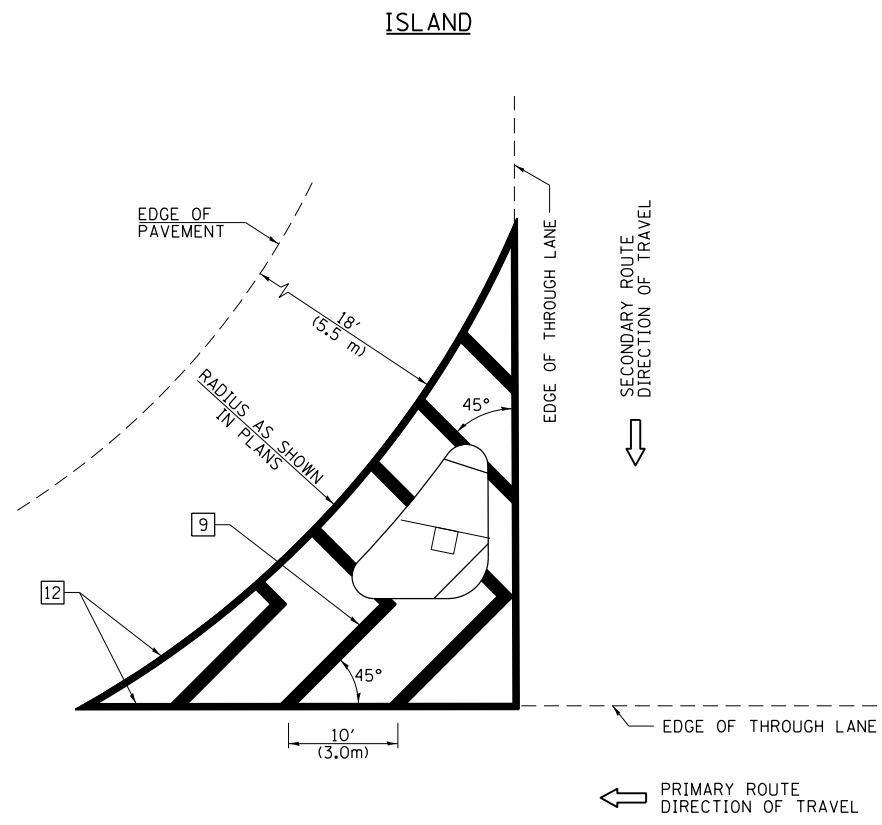
**TYPICAL DOUBLE TURN ARROWS (WHITE)**

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

NOT TO SCALE  
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\stevfenmk\d0147948\074409-shd-details.dgn		DRAWN -	REVISED -						(124,125,126)RS-3	RICHLAND	60	58
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -					CONTRACT NO. 74409				
PLOT DATE = 3/14/2013		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
					SCALE: NA	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.				

**DISTRICT 7 DETAIL NO. 7800001**



**GENERAL NOTES**

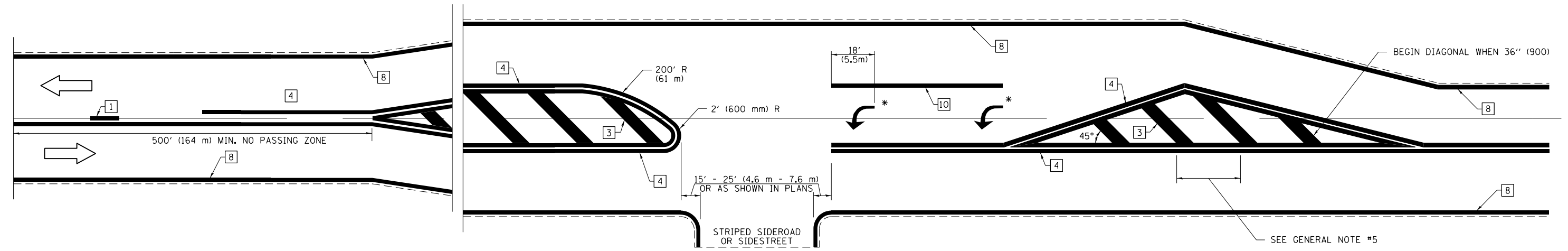
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:
 

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

**PAVEMENT MARKING LEGEND**

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

**RURAL LEFT TURN STRIPING**



\* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE  
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 7 DETAIL NO. 7800001**

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -
PLOT DATE = 3/14/2013		DATE -	REVISED -

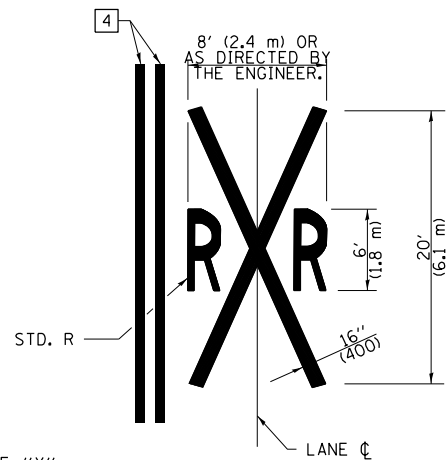
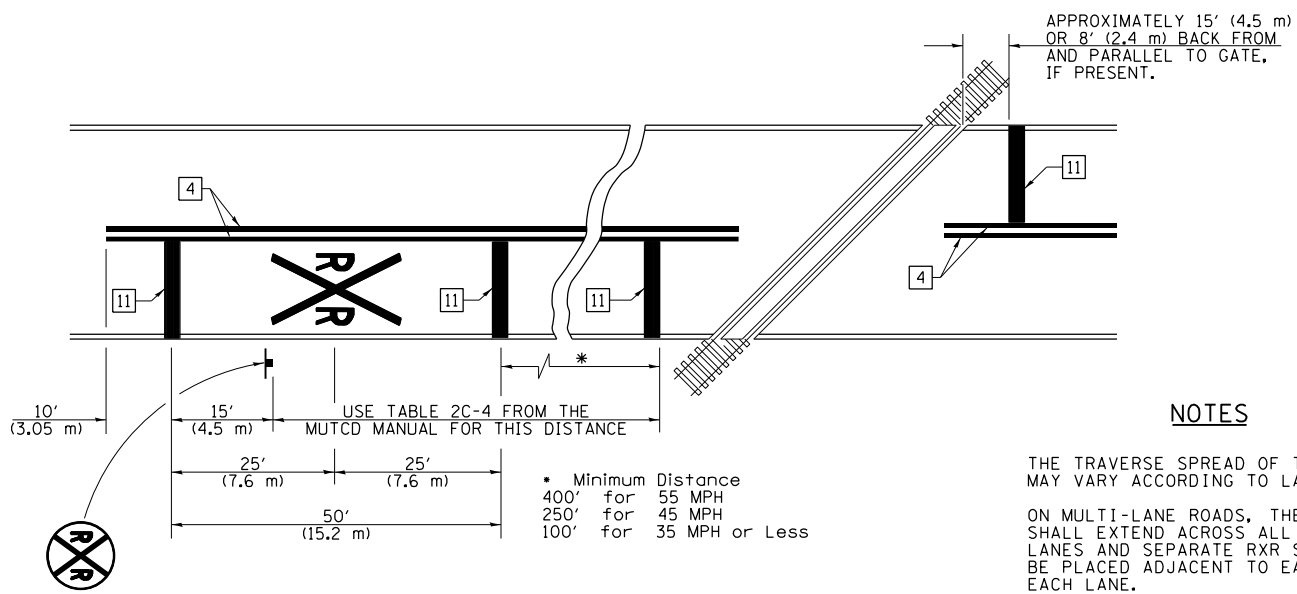
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: NA SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(124,125,126)RS-3	RICHLAND	60	59
CONTRACT NO. 74409				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



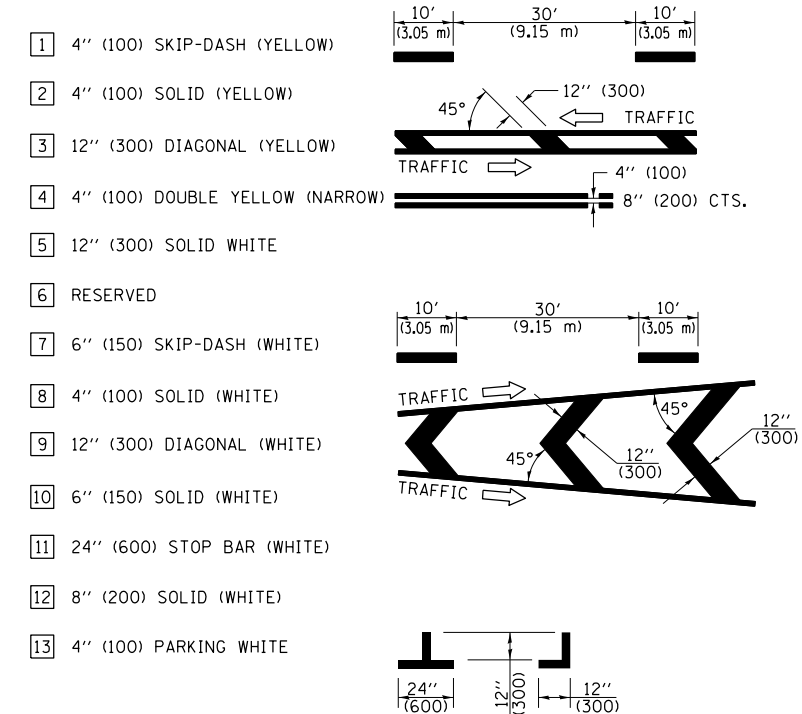
NOTES

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

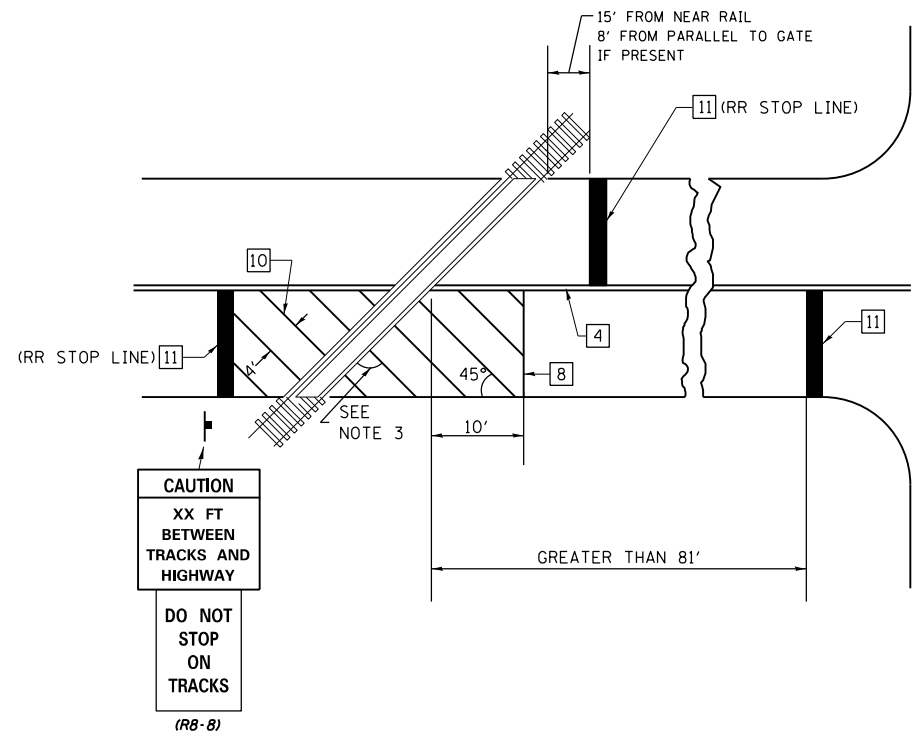
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

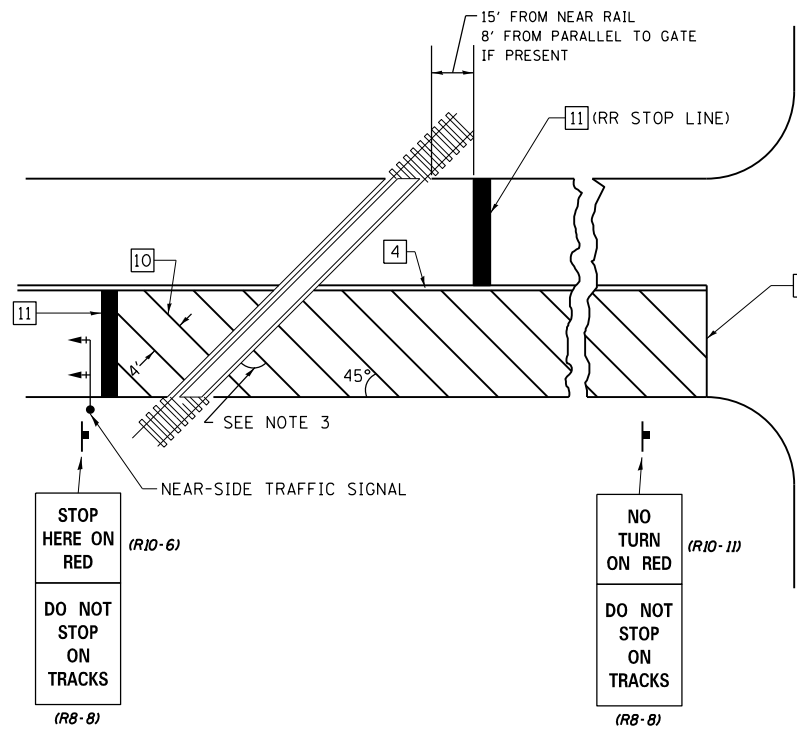
PAVEMENT MARKING LEGEND



RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\stevfemk\d0147948\074409-shd-details.dgn		DRAWN -	REVISED -			116	(124,125,126)RS-3	RICHLAND	60	60
PLOT SCALE = 100.0000' / 1" =		CHECKED -	REVISED -			CONTRACT NO. 74409				
PLOT DATE = 3/14/2013		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

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