

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 116 (IL 130)
SECTION (126,127)RS-5
PROJECT ACF-0116(057)
RESURFACING
EDWARDS COUNTY

C-97-067-07

PROJECT BEGINS:
STA. 631 + 88.00

FOR INDEX OF SHEETS, SEE SHEET NO. 2

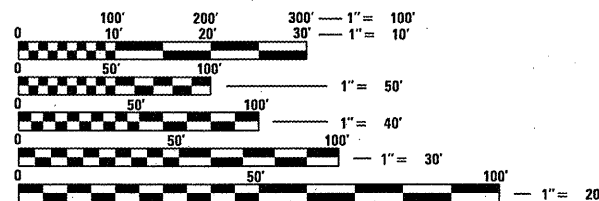
STATION EQUATIONS:

STA. 1295 + 34.37 (BK) = STA. 1295 + 38.60 (AH)
STA. 1300 + 40.60 (BK) = STA. 1300 + 37.37 (AH)
STA. 1306 + 22.20 (BK) = STA. 1306 + 28.50 (AH)

ADT = 4200 (2009)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	1
		ILLINOIS	CONTRACT NO. 74247	

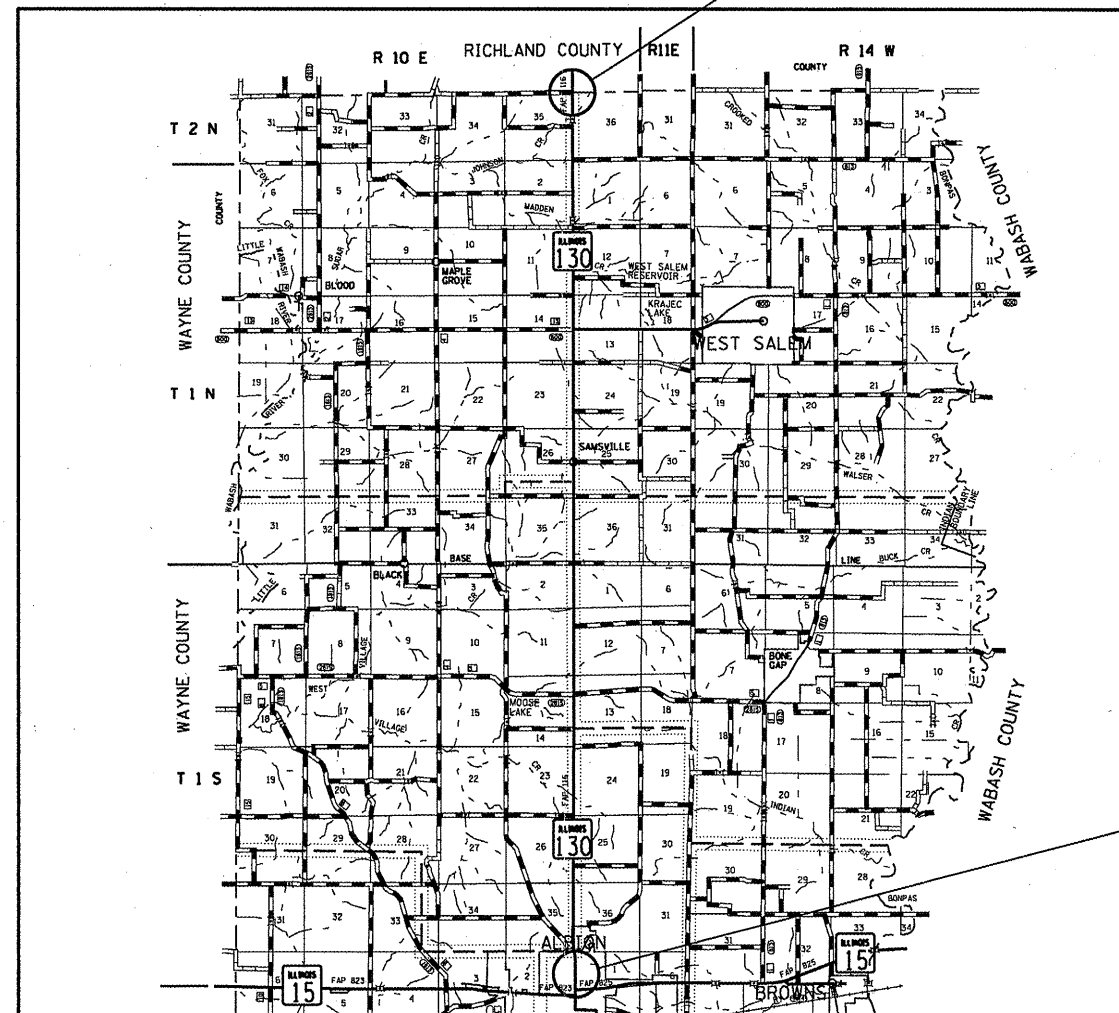
D-97-037-07



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: TOM RONAN
PROJECT MANAGER: JEFF DAVISON
PHONE: (217)-342-8314
CONTRACT NO. 74247



PROJECT ENDS:
STA. 1377 + 32.26

GROSS LENGTH = 68,537.96 FT. = 12.98 MILES
NET LENGTH = 68,537.96 FT. = 12.98 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *March 22, 2012*
Roger D. Duckell
DEPUTY DIRECTOR OF HIGHWAYS/REGION ENGINEER

May 11, 2012
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 2012
William R. Frey
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX/LIST OF STANDARDS
- 3 GENERAL NOTES
- 4-6 SUMMARY OF QUANTITIES
- 7-12 TYPICAL CROSS SECTIONS
- 13-20 SCHEDULE OF QUANTITIES
- 21-22 TIE SHEETS
- 23-45 PLAN SHEETS
- 46-51 DISTRICT DETAILS

STANDARDS IN THE PLANS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 406201-01 MAILBOX TURNOUT
- 442201-03 CLASS C AND D PATCHES
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 630101-09 GUARDRAIL MOUNTED ON EXISTING CULVERTS
- 630106 LONG-SPAN GUARDRAIL OVER CULVERT
- 630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011-08 TRAFFIC BARRIER TERMINAL, TYPE 2
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 667001-01 PERMANENT SURVEY MARKERS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
- 701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701011-02 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
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-02 TRAFFIC CONTROL DEVICES
- 780001-03 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >45 MPH**

FILE NAME =	USER NAME = staffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND STANDARDS IN THE PLANS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
es:\pwwork\pwwork\staffennk\dms52759\74247-sht-index.dgn		DRAWN -	REVISED -		SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	116	(126,127)RS-5	EDWARDS	51	2
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										
				CONTRACT NO. 74247									

GENERAL NOTES

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

THIS PROJECT IS LOCATED ON FAP ROUTE 116 (ILL 130) IN EDWARDS COUNTY, FROM THE RICHLAND COUNTY LINE TO PINE STREET IN ALBION. THE WORK INCLUDED IN SECTION (126,127)RS-5 CONSISTS OF PAVEMENT PATCHING, MILLING, HOT-MIX ASPHALT RESURFACING, HMA AND AGGREGATE SHOULDERS, GUARDRAIL REMOVAL AND REPLACEMENT, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

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

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.

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

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

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

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

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

TEMPORARY TAPERS WILL BE REQUIRED AFTER THE HMA SURFACE REMOVAL. 2-1/4" OPERATION HAS BEEN PERFORMED AND ANY SUBSEQUENT RESURFACING OPERATION NEEDING TEMPORARY TAPERS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY TAPERS (MAX. 2 FEET IN LENGTH) AT ENTRANCES IN AREAS THAT HAVE BEEN MILLED 2-1/4". THIS WORK SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL.

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

EXCAVATION REQUIRED FOR THE CONSTRUCTION OF BITUMINOUS AND AGGREGATE SHOULDERS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER UNIT FOR EXCAVATING AND GRADING EXISTING SHOULDERS, WHICH PRICE SHALL INCLUDE DISPOSAL OF EXCESS MATERIAL OFF RIGHT OF WAY.

GENERAL NOTES (Cont'd)

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE: LEVELING BINDER (3/4")
 APPLICATION: LEVELING BINDER (MACHINE METHOD)N70
 PG GRADE: PG 64-22
 RAP %
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: SURFACE COURSE (1-1/2")
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
 PG GRADE: PG 64-22
 RAP %
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

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

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

MIXTURE USE: PARTIAL DEPTH PATCHING
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 PG GRADE: PG 64-22
 RAP %
 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 THE CALCULATING PLAN QUANTITIES:

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

FILE NAME =	USER NAME = steffemk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\puidat\steffemk\dms52759\d	74247-shr-index.dgn	DRAWN -	REVISED -					116	(126,127)RS-5	EDWARDS	51	3
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -		SCALE: NA			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		
	PLOT DATE = 3/23/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
CONTRACT NO. 74247												

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005		
20200100	EARTH EXCAVATION	CU YD	90	90		
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	1323	1323		
20400800	FURNISHED EXCAVATION	CU YD	366	366		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	411	411		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	19375	19375		
40600300	AGGREGATE (PRIME COAT)	TON	387	387		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	8137	8137		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	80	80		
40600990	TEMPORARY RAMP	SO YD	40	40		
40603315	HOT-MIX ASPHALT SURFACE COURSE, "C", N70	MIX TON	17872	17872		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	336	336		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	12676	12676		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005		
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	2392	2392		
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	689	689		
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	1758	1758		
44201839	CLASS D PATCHES, TYPE II, 16 INCH	SO YD	2130	2130		
44201843	CLASS D PATCHES, TYPE III, 16 INCH	SO YD	759	759		
44201845	CLASS D PATCHES, TYPE IV, 16 INCH	SO YD	533	533		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5021	5021		
50105220	PIPE CULVERT REMOVAL	FOOT	71	71		
54215553	METAL END SECTIONS 18"	EACH	1	1		
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	230	230		
X 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1837.5	1837.5		
X 63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	6.3	6.3		

X SPECIALTY ITEM

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\stevfennk\dms52759\d74247-sht-soq.dgn		DRAWN -	REVISED -					116	(126,127)RS-5	EDWARDS	51	4
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -		SCALE: NA SHEET NO. 1 OF 3 SHEETS STA. TO STA.			CONTRACT NO. 74247				
	PLOT DATE = 3/23/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005		
X 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	1300	1300		
X 63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	168.8	168.8		
X 63000370	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	FOOT	700	700		
X 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2		
X 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	28	28		
63200310	GUARDRAIL REMOVAL	FOOT	2805	2805		
X 633 6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	62.5	62.5		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	5	5		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	11	11		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	11	11		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	27390	27390		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	171911	171911		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	59547	59547		
X 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	533	533		
X 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	171379	171379		
X 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	857	857		
X 78200410	GUARDRAIL MARKERS, TYPE A	EACH	78	78		
X 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	28	28		

X SPECIALTY ITEM

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

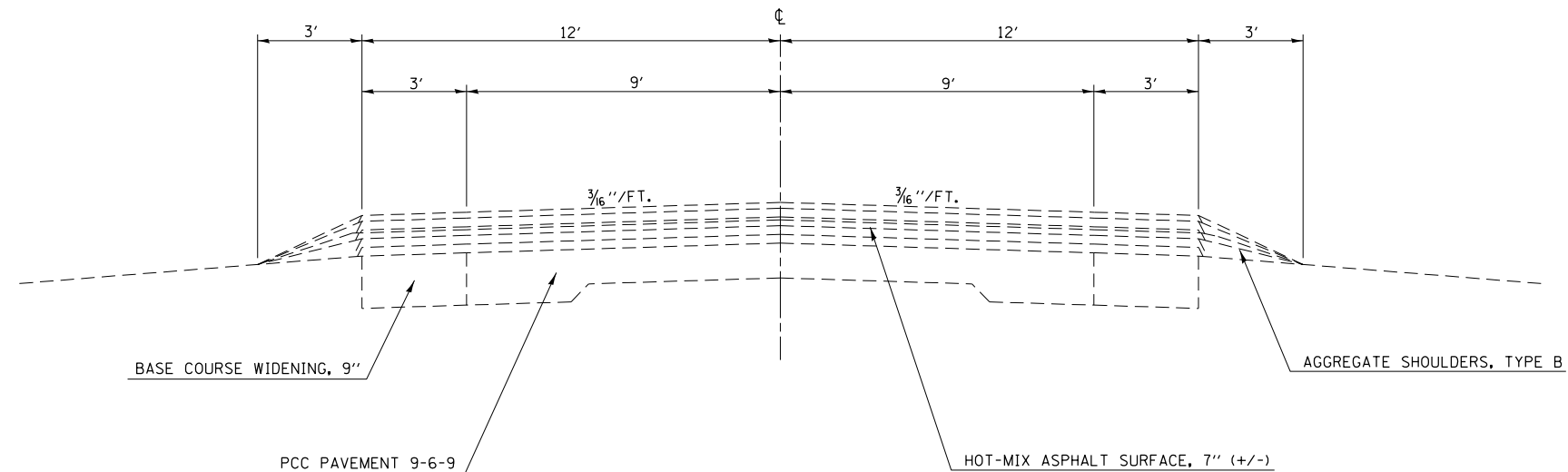
SUMMARY OF QUANTITIES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NA	SHEET NO. 2 OF 3 SHEETS	116	(126,127)RS-5	EDWARDS	51	5
STA.	TO STA.	CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT						

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005		
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	15	15		
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4	0.4		
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	164	164		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	180991	180991		
X4421000	PARTIAL DEPTH PATCHING	TON	5797	5797		
X4422000	PARTIAL DEPTH REMOVAL (VARIABLE DEPTH)	SQ YD	13778	13778		
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	3	3		
Z0070202	SURVEY MARKER VAULT	EACH	3	3		
+ Z0076600	TRAINEES	HOUR	500	500		

+ 0042

① EXISTING TYPICAL SECTION

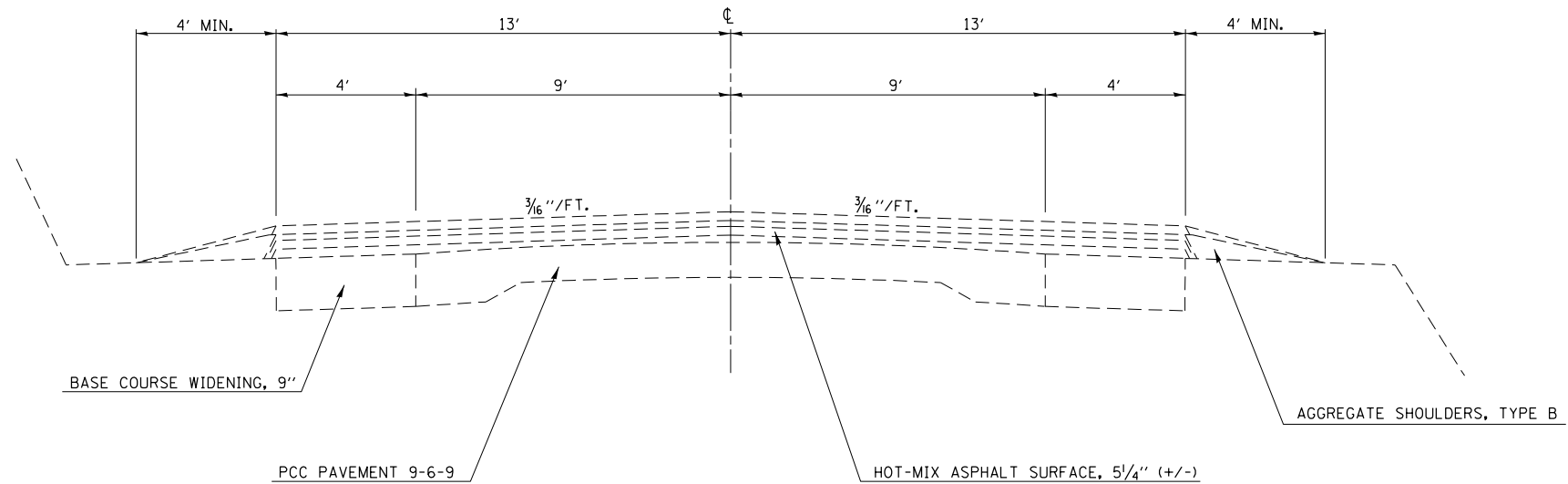
STA. 631+88.00 TO STA. 818+14.96



NOTE: NOT TO SCALE

② EXISTING TYPICAL SECTION

STA. 818+14.96 TO STA. 1057+25.96
 STA. 1086+25.96 TO STA. 1091+25.96
 STA. 1101+25.96 TO STA. 1133+25.96
 STA. 1182+25.96 TO STA. 1231+25.96
 STA. 1260+25.96 TO STA. 1280+28.96 RT.
 STA. 1260+25.96 TO STA. 1283+25.96 LT.



NOTE: NOT TO SCALE

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	PLOT DATE = 3/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

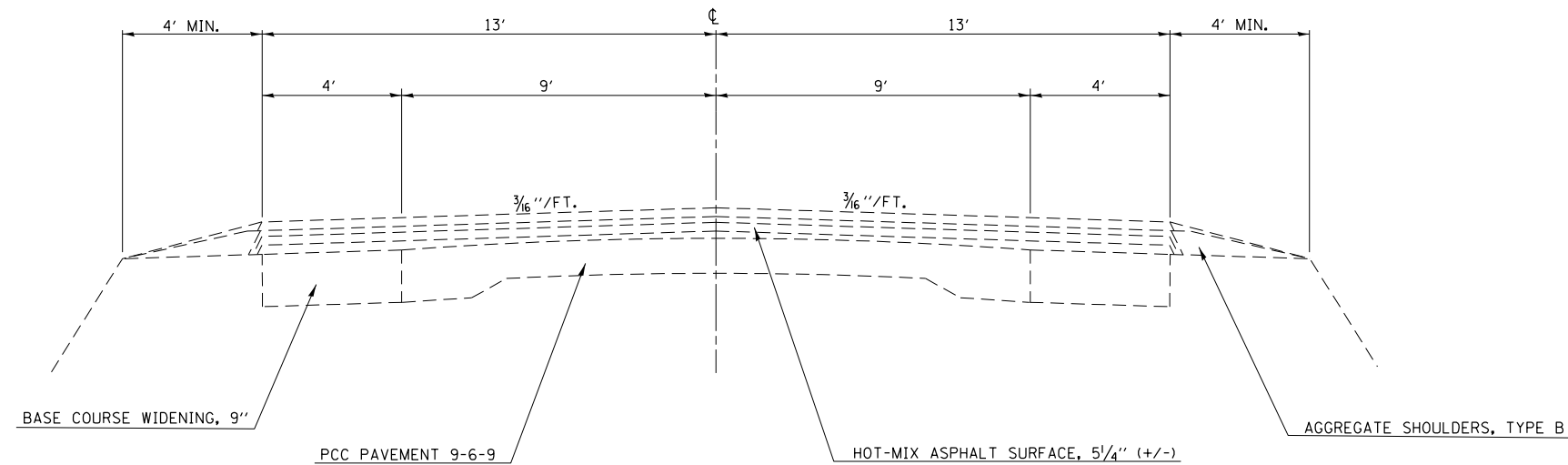
TYPICAL CROSS SECTIONS

SCALE: NA SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	7
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				

③ EXISTING TYPICAL SECTION

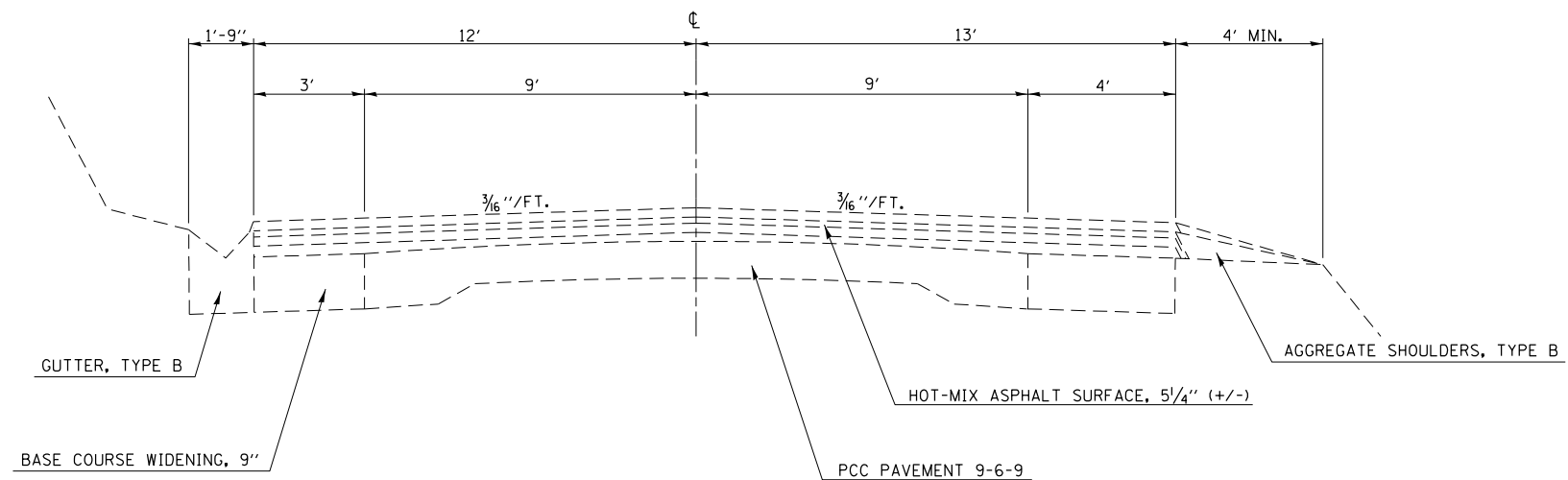
STA. 1057+25.96 TO STA. 1066+99.00
 STA. 1071+69.00 TO STA. 1086+25.96
 STA. 1091+25.96 TO STA. 1101+25.96
 STA. 1133+25.96 TO STA. 1182+25.96
 STA. 1241+25.96 TO STA. 1260+25.96
 STA. 1280+25.96 RT. TO STA. 1295+34.37
 STA. 1283+25.96 LT. TO STA. 1295+34.37
 STA. 1295+34.37 BK = STA. 1295+38.60 AH
 STA. 1295+38.60 TO STA. 1290+90.19 RT.
 STA. 1295+38.60 TO STA. 1296+10.19 LT.



NOTE: NOT TO SCALE

④ EXISTING TYPICAL SECTION

STA. 1066+99.00 TO STA. 1071+69.00



NOTE: NOT TO SCALE

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	PLOT DATE = 3/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

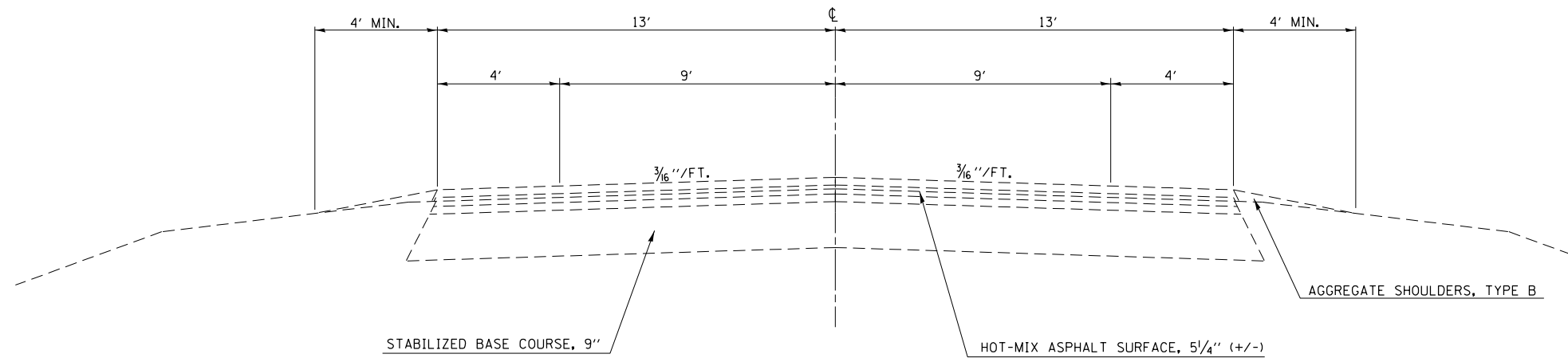
TYPICAL CROSS SECTIONS

SCALE: NA SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	8
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	

⑤ EXISTING TYPICAL SECTION

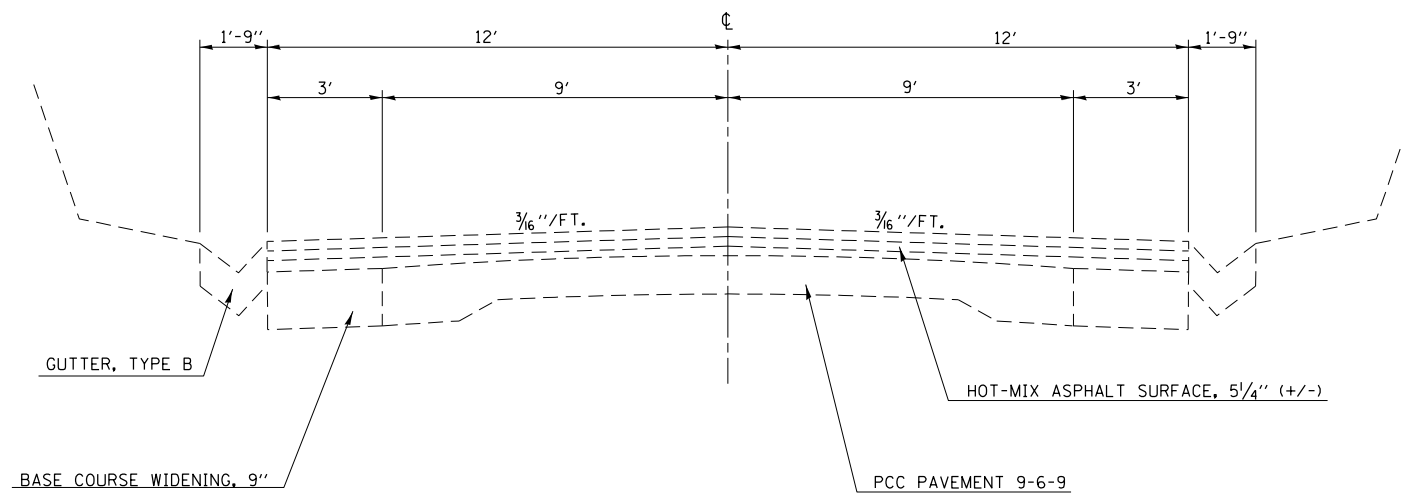
STA. 1231+25.96 TO STA. 1241+25.96



NOTE: NOT TO SCALE

⑥ EXISTING TYPICAL SECTION

STA. 1295+90.19 RT. TO STA. 1300+40.60
 STA. 1296+10.19 LT. TO STA. 1300+40.60
 STA. 1300+40.60 (BK) = STA. 1300+36.37 (AH)
 STA. 1300+36.37 TO STA. 1306+22.20
 STA. 1306+22.20 (BK) = STA. 1306+28.50 (AH)
 STA. 1306+28.50 TO STA. 1317+32.26



NOTE: NOT TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

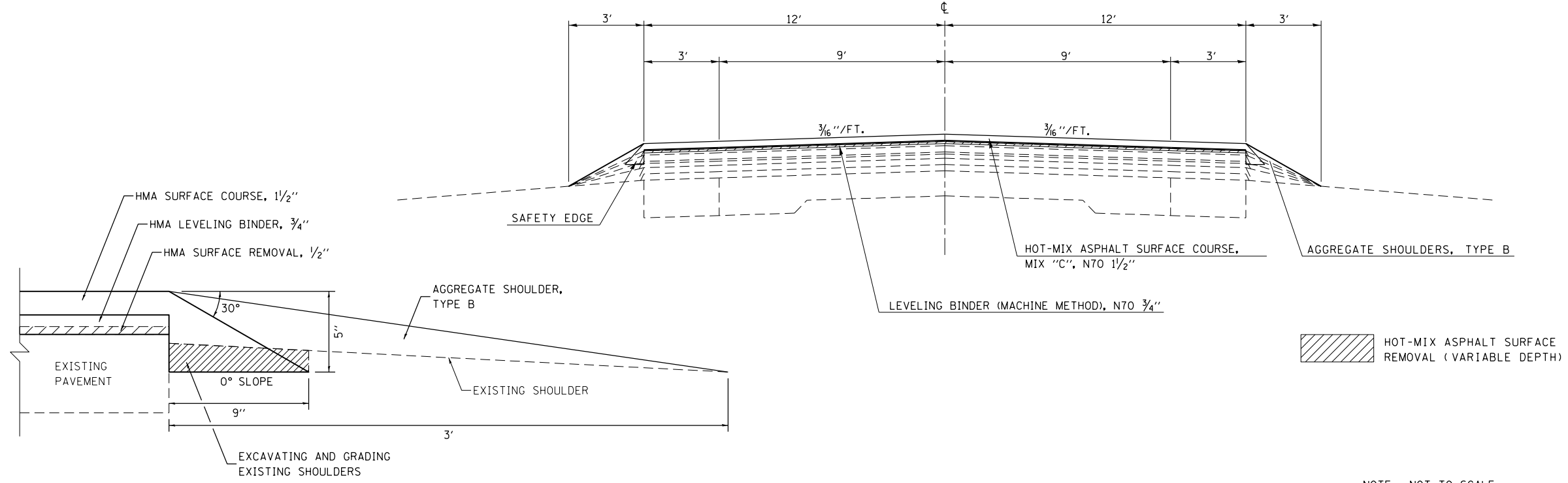
SCALE: NA SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	9
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	

① PROPOSED TYPICAL SECTION

• STA. 631+88.00 TO STA. 818+14.96

• NOTE: STA. 808+40.50 TO STA. 818+14.96
WILL BE MILLED 2 1/4"



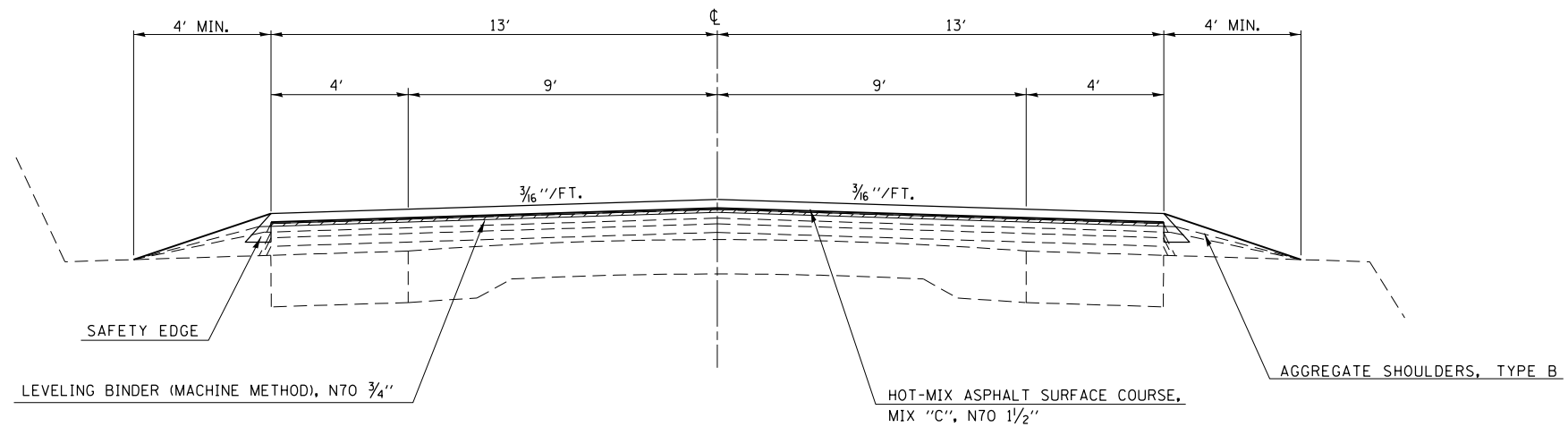
SAFETY EDGE DETAIL

NOTE: NOT TO SCALE

② PROPOSED TYPICAL SECTION

• STA. 818+14.96 TO STA. 1057+25.96
• STA. 1086+25.96 TO STA. 1091+25.96
• STA. 1101+25.96 TO STA. 1133+25.96
• STA. 1182+25.96 TO STA. 1231+25.96
• STA. 1260+25.96 TO STA. 1280+28.96 RT.
• STA. 1260+25.96 TO STA. 1283+25.96 LT.

• NOTE: STA. 818+14.96 TO STA. 825+82.60
WILL BE MILLED 2 1/4"



NOTE: NOT TO SCALE

HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

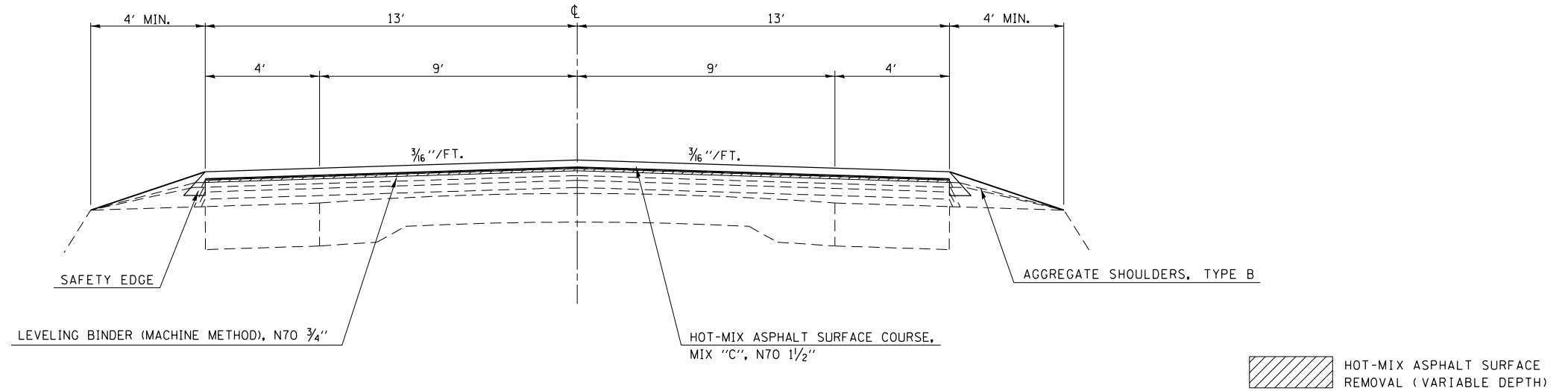
TYPICAL CROSS SECTIONS

SCALE: NA SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	10
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				

③ PROPOSED TYPICAL SECTION

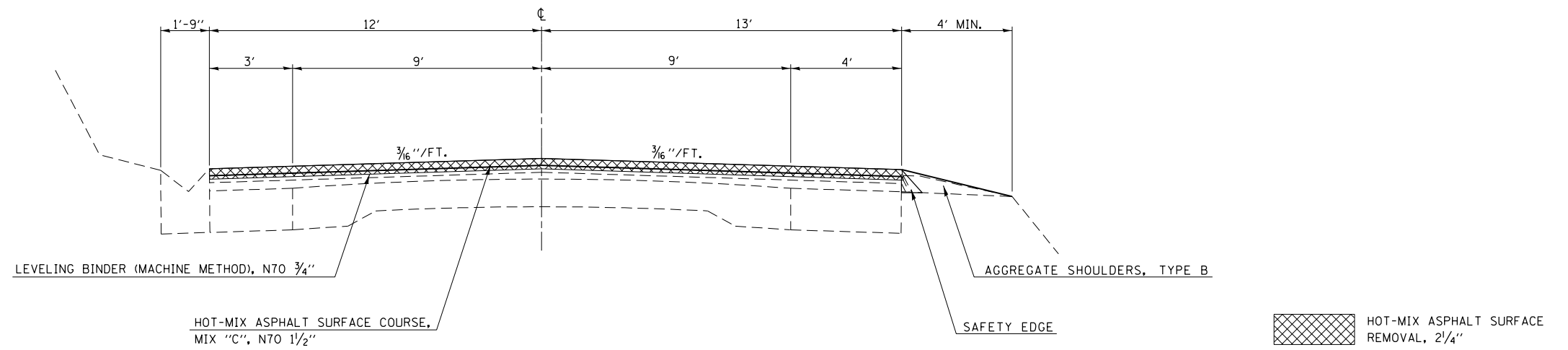
STA. 1057+25.96 TO STA. 1066+99.00
 STA. 1071+69.00 TO STA. 1086+25.96
 STA. 1091+25.96 TO STA. 1101+25.96
 STA. 1133+25.96 TO STA. 1182+25.96
 STA. 1241+25.96 TO STA. 1260+25.96
 STA. 1280+25.96 RT. TO STA. 1295+34.37
 STA. 1283+25.96 LT. TO STA. 1295+34.37
 STA. 1295+34.37 (BK) = STA. 1295+38.60 (AH)
 STA. 1295+38.60 TO STA. 1290+90.19 RT.
 STA. 1295+38.60 TO STA. 1296+10.19 LT.



NOTE: NOT TO SCALE

④ PROPOSED TYPICAL SECTION

STA. 1066+99.00 TO STA. 1071+69.00

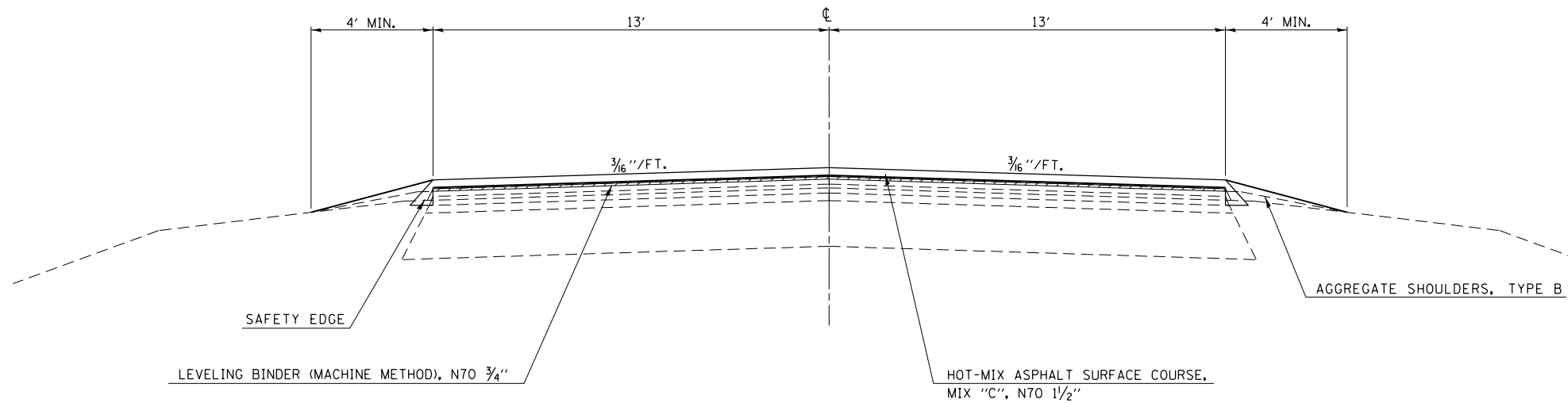


NOTE: NOT TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -					CONTRACT NO. 74247					
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

⑤ PROPOSED TYPICAL SECTION

STA. 1231+25.96 TO STA. 1241+25.96

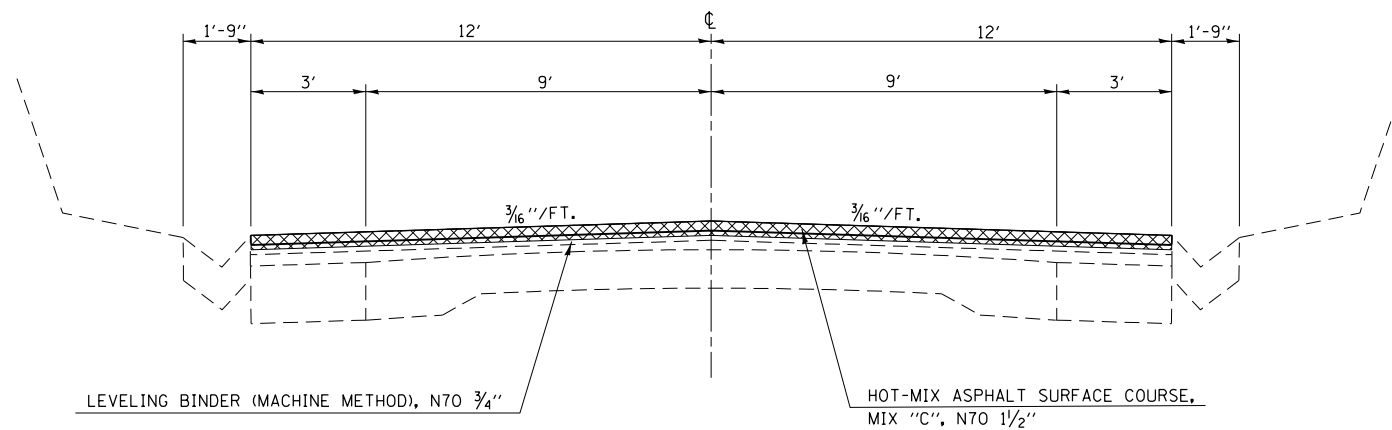


NOTE: NOT TO SCALE

HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)

⑥ PROPOSED TYPICAL SECTION

STA. 1295+90.19 RT. TO STA. 1300+40.60
 STA. 1296+10.19 LT. TO STA. 1300+40.60
 STA. 1300+40.60 (BK) = STA. 1300+36.37 (AH)
 STA. 1300+36.37 TO STA. 1306+22.20
 STA. 1306+22.20 (BK) = STA. 1306+28.50 (AH)
 STA. 1306+28.50 TO STA. 1317+32.26



NOTE: NOT TO SCALE

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

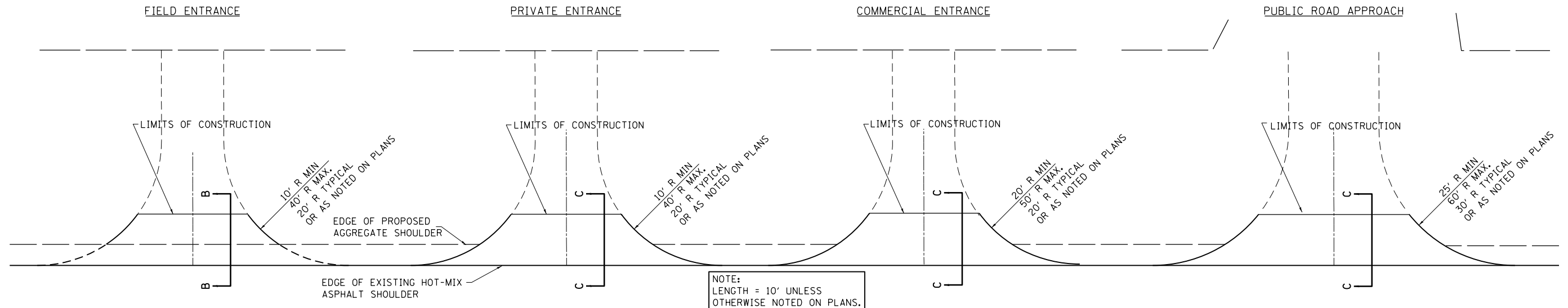
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

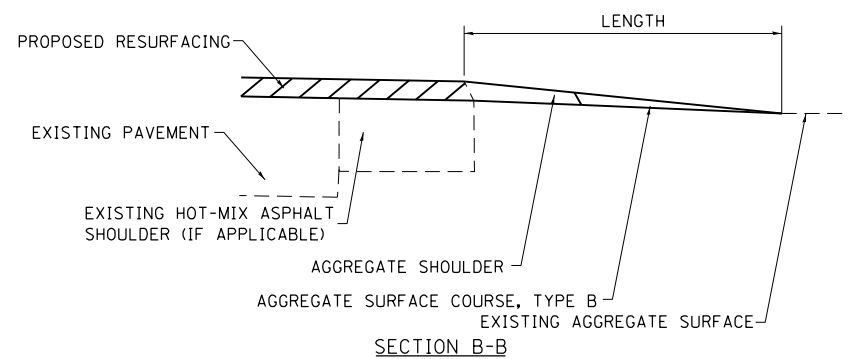
TYPICAL CROSS SECTIONS

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

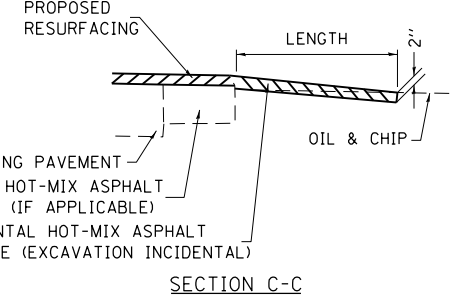
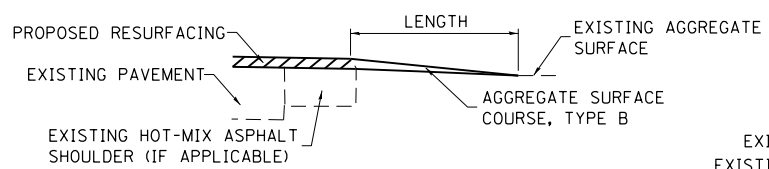
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	12
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				



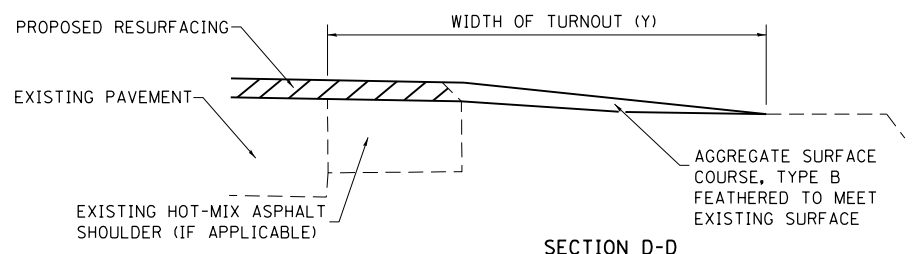
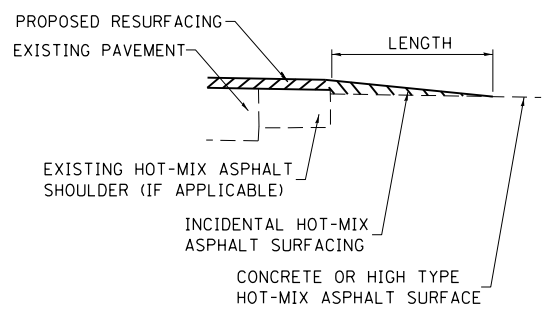
NOTE: LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS.



SECTION B-B



SECTION C-C



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	
			TON	TON
RT	631+88	PRA	5.2	
LT	632+20	PE		6.3
RT	635+29	FE		2.8
RT	638+51	PE		3.5
RT	638+70	MBT1		0.7
LT	639+36	PE		2.9
RT	641+05	FE		3.1
LT	641+31	PE		2.8
RT	642+19	MBT2		1.4
LT	642+30	PE		3.4
LT	642+86	FE		3.0
RT	651+91	FE		3.4
LT	654+10	FE		2.4
RT	654+10	FE		2.6
RT	658+07	PRA	6.5	
LT	658+29	PE		4.3
LT	658+51	MBT1		0.7
LT	664+47	PE		2.6
LT	664+67	MBT1		0.7
RT	669+61	PE		3.0
LT	671+33	FE		2.8
LT	674+06	PE		2.8
LT	675+05	PE		3.1
RT	675+42	PE		2.8
RT	675+57	MBT1		0.7
LT	681+40	FE		3.1
RT	684+22	FE		2.6
LT	684+45	PRA	8	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
LT	686+27	MBT1		0.7
LT	686+77	PE		5.3
RT	691+03	PE		6.1
RT	691+38	MBT1		0.7
RT	695+76	FE		3.9
LT	700+97	FE		3.0
RT	711+12	PRA	5.7	
LT	711+22	FE		2.4
LT	719+21	PE		5.8
LT	720+86	MBT1		0.7
LT	721+05	FE		4.7
RT	721+50	PE		2.6
RT	729+88	FE		4.2
LT	737+20	FE		3.9
RT	737+80	PRA	5.3	
LT	738+21	PRA	4.4	
LT	751+00	FE		5.8
LT	755+21	FE		4.2
RT	755+31	FE		3.4
LT	760+24	MBT2		1.4
RT	760+33	PE		4.0
LT	763+90	MBT1		0.7
LT	764+16	PE		4.7
RT	764+16	PE		4.4
RT	774+83	FE		3.3
LT	777+47	PRA	4.6	
LT	786+66	FE		4.4
RT	790+63	PRA	4	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
LT	790+63	FE		2.8
RT	795+07	FE		5.2
RT	797+62	CE	6.9	
RT	801+66	FE		2.5
RT	811+33	PE		3.4
LT	811+33	MBT2		1.4
LT	815+35	MBT1		0.7
LT	815+51	PE		2.1
RT	816+20	CE	5.1	
LT	817+18	PRA	12.6	
RT	817+18	PRA	8.4	
LT	822+57	FE		2.3
RT	822+65	FE		2.0
RT	829+40	FE		2.7
LT	829+40	FE		2.5
LT	832+64	FE		2.7
RT	836+11	FE		3.2
LT	843+72	PRA	4.7	
RT	843+72	PE		5.5
RT	843+94	MBT1		0.7
RT	850+50	PE		2.7
LT	857+04	FE		3.2
RT	865+37	PE		5.2
RT	865+79	MBT1		0.7
LT	869+59	FE	2.7	
LT	870+39	FE		3.0
RT	872+43	FE		4.5
RT	879+34	PE	4.4	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
RT	880+01	MBT1		0.7
RT	880+19	PE		4.4
LT	883+47	PRA	3.9	
RT	883+51	FE		2.1
RT	898+22	FE		2.5
LT	903+46	FE		3.1
LT	910+34	FE		2.8
LT	919+47	FE	3.6	
LT	919+61	FE		3.4
RT	919+70	FE		3.2
RT	921+66	FE		2.6
LT	921+66	PE	2.7	
LT	923+63	PRA	5.4	
RT	923+63	PRA	5.2	
RT	924+67	CE	9.9	
LT	925+45	MBT1		0.7
LT	925+60	PE		2.2
RT	925+94	PE	4.2	
RT	927+33	MBT2		1.4
LT	927+76	FE		2.6
RT	927+85	PE	2.3	
LT	928+63	PE		3.3
LT	928+85	MBT1		0.7
LT	929+63	PE		2.7
LT	929+63	MBT1		0.7
LT	935+41	MBT1		0.7
LT	935+73	PE		4.1
LT	944+22	FE		5.0

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
RT	949+97	PRA	6.3	
LT	949+97	PRA	6.4	
LT	955+81	FE		2.4
RT	963+47	FE		3.7
LT	965+90	FE		3.0
RT	974+09	FE		3.2
LT	976+66	FE		3.0
RT	976+99	PE		3.3
RT	977+51	FE	2.5	
LT	983+56	FE		3.0
LT	994+92	FE		3.3
RT	995+14	PE		5.2
LT	1003+21	PRA	4	
RT	1003+32	PRA	5	
LT	1005+15	FE		4.2
RT	1013+84	PE	2.9	
LT	1018+10	MBT1		0.7
LT	1018+26	PE	2.6	
RT	1026+20	FE		3.2
LT	1026+68	CE	6.1	
LT	1027+10	MBT1		0.7
LT	1028+10	CE	5.4	
RT	1031+05	FE		3.2
RT	1033+17	FE		3.2
LT	1036+14	FE		3.2
LT	1040+82	MBT1		0.7
LT	1040+93	PE		2.6
LT	1042+94	PE		5.9

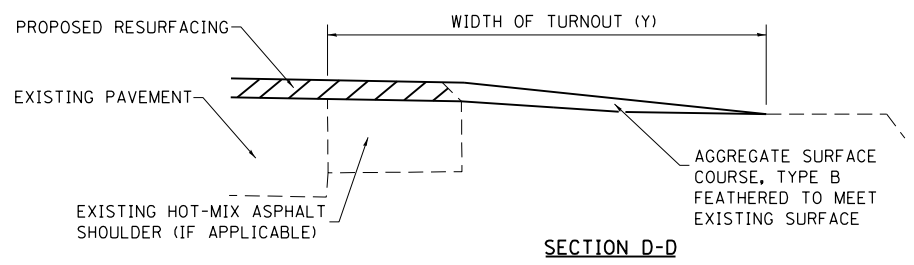
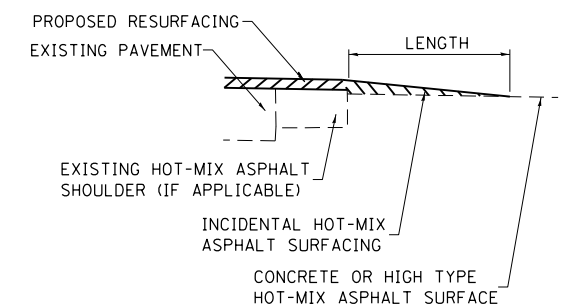
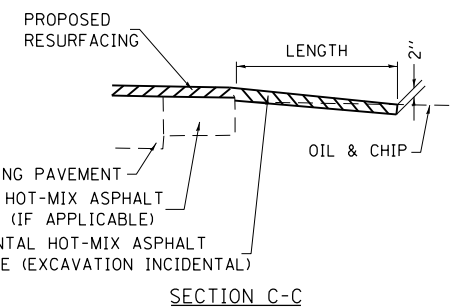
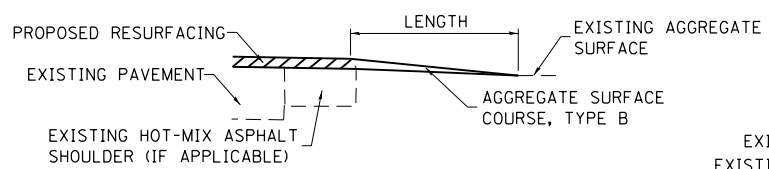
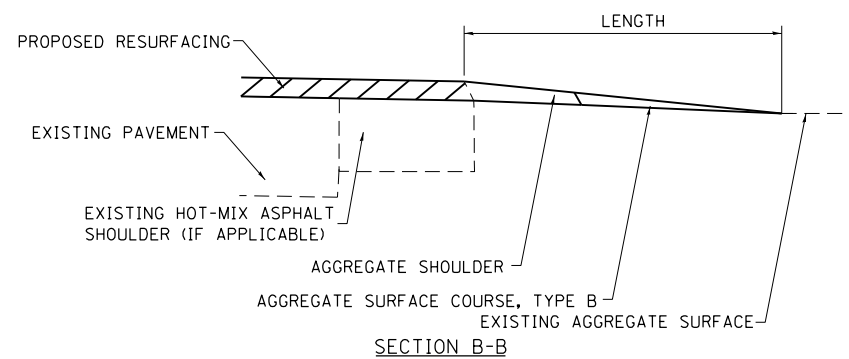
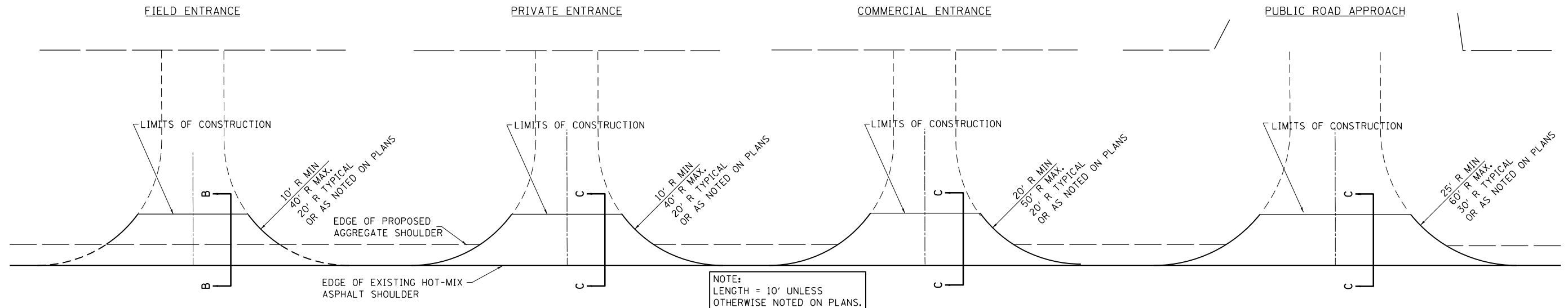
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PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT
CE=COMMERCIAL ENTRANCE

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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RURAL ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAILS WITH SHOULDERS			
SCALE: NA	SHEET NO. 1 OF 8 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	13
CONTRACT NO. 74247				
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	
RT	1047+04	FE	3.9		
LT	1049+77	FE		3.2	
LT	1052+09	PRA	7.1		
LT	1056+05	MBT2		1.4	
RT	1056+05	PE	2.9		
LT	1058+65	MBT1		0.7	
LT	1058+81	PE	3.4		
RT	1060+98	FE		2.6	
RT	1067+77	FE	3.8		
LT	1070+77	PE		2.6	
LT	1075+71	FE		2.4	
LT	1082+88	PE	3		
LT	1088+11	FE		2.0	
RT	1099+08	PE	3.4		
RT	1104+37	PRA	8.9		
RT	1104+44	PRA	10.3		
RT	1110+95	FE		2.7	
LT	1115+14	PE		3.3	
LT	1115+49	MBT1		0.7	
LT	1124+16	MBT1		0.7	
LT	1124+27	PE		2.6	
LT	1124+74	PE	2.5		
RT	1129+87	PE	2.8		
RT	1130+50	PRA	5.1		
LT	1130+59	FE		2.7	
RT	1132+52	PE	3		
RT	1132+67	MBT1		0.7	
LT	1143+65	PRA	3.1		

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	
RT	1143+68	FE		5.3	
LT	1147+10	FE		3.4	
LT	1154+91	PE	3.7		
RT	1154+91	FE		2.1	
RT	1155+07	MBT1		0.7	
RT	1160+51	PE	3.2		
RT	1160+63	MBT1		0.7	
LT	1170+03	FE		3.0	
RT	1173+06	FE		3.0	
LT	1182+51	PE	4.5		
LT	1189+16	FE		3.4	
LT	1195+67	FE		2.8	
RT	1195+82	PRA	6.1		
LT	1202+93	PE	3.2		
RT	1203+03	MBT2		1.4	
RT	1208+65	MBT2		1.4	
LT	1208+65	PE		3.4	
LT	1208+93	FE		3.1	
RT	1212+41	CE	6		
RT	1215+21	CE	7.8		
LT	1216+38	CE	9		
RT	1216+38	MBT2		1.4	
RT	1221+05	CE	6.6		
LT	1224+41	MBT1		0.7	
LT	1224+59	PE		3.8	
RT	1224+65	CE	7		
RT	1225+13	MBT1		0.7	
RT	1231+22	CE	6.1		

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	
RT	1233+93	CE	6.8		
LT	1234+59	PRA	5.3		
RT	1234+75	FE		7.8	
LT	1235+20	CE		4.0	
RT	1248+16	PE	4.7		
RT	1248+38	MBT1		0.7	
RT	1250+64	PE		2.9	
RT	1250+75	MBT1		0.7	
LT	1254+85	PE		3.5	
RT	1254+85	MBT2		1.4	
RT	1260+88	PE	2.8		
RT	1261+03	MBT1		0.7	
RT	1261+13	PE	2.9		
LT	1264+04	FE		3.0	
LT	1270+54	FE		3.4	
RT	1270+95	CE	8.8		
LT	1271+80	FE	2.6		
RT	1272+70	FE		2.4	
LT	1274+40	FE		2.6	
LT	1276+02	FE		2.7	
RT	1276+34	FE		2.6	
TOTALS			336	411.0	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	

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

FILE NAME =	USER NAME = steffernk	DESIGNED - 08-03-99	REVISED - 03-13-07
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RURAL ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS**

SCALE: NA SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	14
CONTRACT NO. 74247				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE			LENGTH	PAVEMENT WIDTH	SHOULDER WIDTH	AREA	EXCAVATING AND GRADING EXISTING SHOULDER	AGGREGATE SHOULDERS, 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	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	INCIDENTAL HOT-MIX ASPHALT SURFACING
STATION	TO	STATION	FEET	FEET	FEET	SQ YD	UNIT	TON	GALLON	TON	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON
631+88.00	TO	632+18.00	30.0	24.0	8.0	80.0	0.6	2.3	8.0	0.2	80.0	0.0	0.0	3.4	7.4	5.2
632+18.00	TO	652+29.00	2,011.0	24.0	8.0	5,362.7	40.2	152.7	536.3	10.7	0.0	0.0	5362.7	225.2	497.3	0.0
652+29.00	TO	652+64.00	35.0	24.0	8.0	93.3	0.7	2.7	9.3	0.2	0.0	0.0	93.3	3.9	8.7	0.0
652+64.00	TO	653+36.00	72.0	24.0	8.0	192.0	1.4	5.5	19.2	0.4	0.0	192.0	0.0	8.1	17.8	0.0
653+36.00	TO	653+71.00	35.0	24.0	8.0	93.3	0.7	2.7	9.3	0.2	0.0	0.0	93.3	3.9	8.7	0.0
653+71.00	TO	684+45.00	3,074.0	24.0	8.0	8,197.3	61.5	233.4	819.7	16.4	0.0	0.0	8197.3	344.3	760.2	14.5
684+45.00	TO	731+67.28	4,722.3	24.0	8.0	12,592.7	94.4	358.5	1,259.3	25.2	0.0	0.0	12592.7	528.9	1,167.8	5.7
731+67.28	TO	732+02.28	35.0	24.0	8.0	93.3	0.7	2.7	9.3	0.2	0.0	0.0	93.3	3.9	8.7	0.0
732+02.28	TO	732+90.36	88.1	24.0	8.0	234.9	1.8	6.7	23.5	0.5	0.0	234.9	0.0	9.9	21.8	0.0
732+90.36	TO	733+25.36	35.0	24.0	8.0	93.3	0.7	2.7	9.3	0.2	0.0	0.0	93.3	3.9	8.7	0.0
733+25.36	TO	790+63.00	5,737.6	24.0	8.0	15,300.4	114.8	435.6	1,530.0	30.6	0.0	0.0	15300.4	642.6	1,418.9	18.3
790+63.00	TO	808+05.50	1,742.5	24.0	8.0	4,646.7	34.9	132.3	464.7	9.3	0.0	0.0	4646.7	195.2	430.9	6.9
808+05.50	TO	808+40.50	35.0	24.0	8.0	93.3	0.7	2.7	9.3	0.2	0.0	0.0	93.3	3.9	8.7	0.0
808+40.50	TO	817+54.96	914.5	24.0	8.0	2,438.6	18.3	69.4	243.9	4.9	0.0	2438.6	0.0	102.4	226.1	26.1
817+54.96	TO	817+89.81	34.8	Variable	8.0	96.8	0.7	2.6	9.7	0.2	0.0	96.8	0.0	4.1	8.9	0.0
817+89.81	TO	818+14.96	25.2	Variable+11.25 ft.	8.0	101.3	0.5	1.9	10.1	0.2	0.0	101.3	0.0	4.3	9.1	0.0
818+14.96	TO	820+26.21	211.3	26 + 11.25 Turn Lane	8.0	874.3	4.2	16.0	87.4	1.7	0.0	874.3	0.0	36.7	78.4	0.0
820+26.21	TO	822+36.45	210.2	26 + Var. Turn Lane	8.0	726.7	4.2	16.0	72.7	1.5	0.0	726.7	0.0	30.5	65.9	0.0
822+36.45	TO	825+82.68	346.2	26.0	8.0	1,000.2	6.9	26.3	100.0	2.0	0.0	1000.2	0.0	42.0	92.1	0.0
825+82.68	TO	826+17.68	35.0	26.0	8.0	101.1	0.7	2.7	10.1	0.2	0.0	0.0	101.1	4.2	9.3	0.0
826+17.68	TO	843+72.00	1,754.3	26.0	8.0	5,068.0	35.1	133.2	506.8	10.1	0.0	0.0	5068.0	212.9	466.6	4.7
843+72.00	TO	883+47.00	3,975.0	26.0	8.0	11,483.3	79.5	301.8	1,148.3	23.0	0.0	0.0	11483.3	482.3	1,057.2	0.0
883+47.00	TO	923+63.00	4,016.0	26.0	8.0	11,601.8	80.3	304.9	1,160.2	23.2	0.0	0.0	11601.8	487.3	1,068.1	36.9
923+63.00	TO	949+97.00	2,634.0	26.0	8.0	7,609.3	52.7	200.0	760.9	15.2	0.0	0.0	7609.3	319.6	700.6	29.1
949+97.00	TO	1003+21.00	5,324.0	26.0	8.0	15,380.4	106.5	404.2	1,538.1	30.8	0.0	0.0	15380.4	646.0	1,416.0	11.5
1003+21.00	TO	1003+32.00	11.0	26.0	8.0	31.8	0.2	0.8	3.2	0.1	0.0	0.0	31.8	1.3	2.9	0.0
1003+32.00	TO	1052+09.00	4,877.0	26.0	8.0	14,089.1	97.5	370.3	1,408.9	28.2	0.0	0.0	14089.1	591.7	1,297.1	28.0
1052+09.00	TO	1066+64.00	1,455.0	26.0	8.0	4,203.3	29.1	110.5	420.3	8.4	0.0	0.0	4203.3	176.5	387.0	6.3
1066+64.00	TO	1066+99.00	35.0	26.0	8.0	101.1	0.7	2.7	10.1	0.2	0.0	0.0	101.1	4.2	9.3	3.8
1066+99.00	TO	1071+69.00	470.0	25.0	4.0	1,305.6	4.7	17.8	130.6	2.6	0.0	1305.6	0.0	54.8	120.6	0.0
1071+69.00	TO	1072+04.00	35.0	26.0	8.0	101.1	0.7	2.7	10.1	0.2	0.0	0.0	101.1	4.2	9.3	0.0
1072+04.00	TO	1104+37.00	3,233.0	26.0	8.0	9,339.8	64.7	245.5	934.0	18.7	0.0	0.0	9339.8	392.3	859.9	15.3
1104+37.00	TO	1104+44.00	7.0	26.0	8.0	20.2	0.1	0.5	2.0	0.0	0.0	0.0	20.2	0.8	1.9	10.3
1104+44.00	TO	1130+50.00	2,606.0	26.0	8.0	7,528.4	52.1	197.9	752.9	15.1	0.0	0.0	7528.4	316.2	693.1	10.4
1130+50.00	TO	1143+65.00	1,315.0	26.0	8.0	3,798.9	26.3	99.8	379.9	7.6	0.0	0.0	3798.9	159.6	349.7	6.1
SHEET TOTALS			37,144			144,075	1,019	3,868	14,408	288	80	6,970	137,024	6,051	13,295	239

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw_work\p\dot\steffenmk\dms52759\d74247-sht-sch.dgn	DRAWN -	REVISED -	116					(126,127)RS-5	EDWARDS	51	15		
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: NA			SHEET NO. 3 OF 8 SHEETS		STA. TO STA.		CONTRACT NO. 74247	
	PLOT DATE = 3/23/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

PAVING SCHEDULE (Cont' d)			LENGTH	PAVEMENT WIDTH	SHOULDER WIDTH	AREA	EXCAVATING AND GRADING EXISTING SHOULDER	AGGREGATE SHOULDERS, 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	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	INCIDENTAL HOT-MIX ASPHALT SURFACING
STATION	TO	STATION	FEET	FEET	FEET	SQ YD	UNIT	TON	GALLON	TON	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON
1143+65.00	TO	1195+82.00	5,217.0	26.0	8.0	15,071.3	104.3	396.1	1,507.1	30.1	0.0	0.0	15071.3	633.0	1,387.5	17.5
1195+82.00	TO	1234+59.00	3,877.0	26.0	8.0	11,200.2	77.5	294.4	1,120.0	22.4	0.0	0.0	11200.2	470.4	1,031.2	57.8
1234+59.00	TO	1280+07.96	4,549.0	26.0	8.0	13,141.4	91.0	345.4	1,314.2	26.3	0.0	0.0	13141.4	551.9	1,209.9	21.8
1280+07.96	TO	1282+27.96	220.0	26.0	8.0	635.6	4.4	16.7	63.6	1.3	0.0	0.0	635.6	26.7	58.5	0.0
1282+27.96	TO	1295+34.37	1,306.4	26.0	8.0	3,774.1	26.1	99.2	377.4	7.5	0.0	0.0	3774.1	158.5	347.5	0.0
1295+34.37	=	1295+38.60	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1295+38.60	TO	1295+55.43	16.8	Variable	8.0	46.7	0.3	1.3	4.7	0.1	0.0	0.0	46.7	2.0	4.3	0.0
1295+55.43	TO	1295+90.43	35.0	Variable	8.0	97.2	0.7	0.0	9.7	0.2	0.0	0.0	97.2	4.1	9.0	0.0
1295+90.43	TO	1300+40.60	450.2	24.0	0.0	1,200.5	0.0	0.0	120.1	2.4	0.0	1200.5	0.0	50.4	111.3	0.0
1300+40.60	=	1300+36.37	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
1300+36.37	TO	1306+22.20	585.8	24.0	0.0	1,562.2	0.0	0.0	156.2	3.1	0.0	1562.2	0.0	65.6	144.9	0.0
1306+22.20	=	1306+28.50	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
1306+28.50	TO	1317+32.26	1,103.8	24.0	0.0	2,943.4	0.0	0.0	294.3	5.9	0.0	2943.4	0.0	123.6	273.0	0.0
SHEET TOTALS			17,361			49,673	304	1,153	4,967	99	0	5,706	43,967	2,086	4,577	97
PROJECT TOTALS			54,505			193,747	1,323	5,021	19,375	387	80	12,676	180,991	8,137	17,872	336

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ct:\pw\work\p\dot\steffenmk\dms52759\d74247-sht-sch.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NA SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	16
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE			LENGTH	SHORT-TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING-LINE 4" (YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 4" (DBL YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	TEMPORARY PAVEMENT MARKING-LINE 4" (WHITE)	WORK ZONE PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING-LINE 4" (YELLOW)	PAINT PAVEMENT MARKING-LINE 4" (DBL YELLOW)	PAINT PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	PAINT PAVEMENT MARKING-LINE 4" (WHITE)	THERMOPLASTIC PAVEMENT MARKING-LINE 4" (YELLOW SKIP DASH)	RAISED REFLECTIVE PAVEMENT MARKER, BI-DIRECTIONAL (AMBER)
STATION	TO	STATION	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH
631+88.00	TO	639+38.00	750.0	300.0	750.0	0.0	187.5	1,467.0	826.7	750.0	0.0	187.5	1,467.0	0.0	9
639+38.00	TO	643+04.00	366.0	146.4	0.0	0.0	91.5	732.0	286.8	0.0	0.0	91.5	732.0	0.0	5
643+04.00	TO	649+29.00	625.0	250.0	625.0	0.0	156.3	1,250.0	698.1	625.0	0.0	156.3	1,250.0	0.0	8
649+29.00	TO	661+23.00	1,194.0	477.6	0.0	0.0	298.5	2,323.0	913.8	0.0	0.0	298.5	2,323.0	0.0	15
661+23.00	TO	671+44.00	1,021.0	408.4	1,021.0	0.0	255.3	2,042.0	1,140.3	1,021.0	0.0	255.3	2,042.0	0.0	13
671+44.00	TO	681+90.00	1,046.0	418.4	1,046.0	0.0	261.5	2,092.0	1,168.3	1,046.0	0.0	261.5	2,092.0	0.0	13
681+90.00	TO	808+40.00	12,650.0	5,060.0	0.0	0.0	3,162.5	24,967.0	9,800.1	0.0	0.0	3,162.5	24,967.0	0.0	158
808+40.00	TO	818+30.00	990.0	396.0	990.0	0.0	247.5	1,773.0	1,036.7	990.0	0.0	247.5	1,773.0	0.0	12
818+30.00	TO	825+82.00	752.0	300.8	752.0	0.0	188.0	1,504.0	839.9	752.0	0.0	188.0	1,504.0	0.0	9
825+82.00	TO	955+31.00	12,949.0	5,179.6	0.0	0.0	3,237.3	25,590.0	10,042.7	0.0	0.0	3,237.3	25,590.0	0.0	162
955+31.00	TO	961+16.00	585.0	234.0	585.0	0.0	146.3	1,170.0	653.4	585.0	0.0	146.3	1,170.0	0.0	7
961+16.00	TO	965+35.00	419.0	167.6	0.0	0.0	104.8	838.0	328.3	0.0	0.0	104.8	838.0	0.0	5
965+35.00	TO	971+14.00	579.0	231.6	579.0	0.0	144.8	1,158.0	646.7	579.0	0.0	144.8	1,158.0	0.0	7
971+14.00	TO	972+52.00	138.0	55.2	0.0	0.0	34.5	276.0	108.1	0.0	0.0	34.5	276.0	0.0	2
972+52.00	TO	982+40.00	988.0	395.2	988.0	0.0	247.0	1,976.0	1,103.5	988.0	0.0	247.0	1,976.0	0.0	12
982+40.00	TO	986+23.00	383.0	153.2	0.0	766.0	0.0	766.0	523.5	0.0	766.0	0.0	766.0	0.0	5
986+23.00	TO	996+12.00	989.0	395.6	989.0	0.0	247.3	1,978.0	1,104.6	989.0	0.0	247.3	1,978.0	0.0	12
996+12.00	TO	1015+69.00	1,957.0	782.8	0.0	0.0	489.3	3,824.0	1,503.3	0.0	0.0	489.3	3,824.0	0.0	24
1015+69.00	TO	1024+13.00	844.0	337.6	844.0	0.0	211.0	1,688.0	942.7	844.0	0.0	211.0	1,688.0	0.0	11
1024+13.00	TO	1031+07.00	694.0	277.6	694.0	0.0	173.5	1,388.0	775.1	694.0	0.0	173.5	1,388.0	0.0	9
1031+07.00	TO	1049+93.00	1,886.0	754.4	0.0	0.0	471.5	3,772.0	1,477.7	0.0	0.0	471.5	3,772.0	0.0	24
1049+93.00	TO	1057+97.00	804.0	321.6	804.0	0.0	201.0	1,543.0	876.3	804.0	0.0	201.0	1,543.0	0.0	10
1057+97.00	TO	1060+09.00	212.0	84.8	0.0	0.0	53.0	424.0	166.1	0.0	0.0	53.0	424.0	0.0	3
1060+09.00	TO	1068+17.00	808.0	323.2	808.0	0.0	202.0	1,616.0	902.4	808.0	0.0	202.0	1,616.0	0.0	10
1068+17.00	TO	1091+69.00	2,352.0	940.8	0.0	0.0	588.0	4,704.0	1,842.8	0.0	0.0	588.0	4,704.0	0.0	29
1091+69.00	TO	1102+24.00	1,055.0	422.0	1,055.0	0.0	263.8	2,110.0	1,178.3	1,055.0	0.0	263.8	2,110.0	0.0	13
1102+24.00	TO	1108+16.00	592.0	236.8	0.0	1,184.0	0.0	976.0	739.9	0.0	1,184.0	0.0	976.0	0.0	7
1108+16.00	TO	1117+48.00	932.0	372.8	932.0	0.0	233.0	1,864.0	1,040.9	932.0	0.0	233.0	1,864.0	0.0	12
1117+48.00	TO	1122+39.00	491.0	196.4	0.0	0.0	122.8	982.0	384.7	0.0	0.0	122.8	982.0	0.0	6
SHEET TOTALS			49,051	19,621	13,462	1,950	12,019	96,793	43,052	13,462	1,950	12,019	96,793	0	613

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\idot\stevfenmk\dms52759\d74247-sht-sch.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					116	(126,127)RS-5	EDWARDS	51	17	
	PLOT DATE = 3/23/2012	CHECKED -	REVISED -		SCALE: NA			SHEET NO. 5 OF 8 SHEETS		STA. TO STA.		CONTRACT NO. 74247	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

PAVEMENT MARKING SCHEDULE (Cont'd)			LENGTH	SHORT-TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING-LINE 4" (YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 4" (DBL YELLOW)	TEMPORARY PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	TEMPORARY PAVEMENT MARKING-LINE 4" (WHITE)	WORK ZONE PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING-LINE 4" (YELLOW)	PAINT PAVEMENT MARKING-LINE 4" (DBL YELLOW)	PAINT PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	PAINT PAVEMENT MARKING-LINE 4" (WHITE)	THERMOPLASTIC PAVEMENT MARKING-LINE 4" (YELLOW SKIP DASH)	RAISED REFLECTIVE PAVEMENT MARKER, BI-DIRECTIONAL (AMBER)
STATION	TO	STATION	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH
1122+39.00	TO	1131+57.00	918.0	367.2	918.0	0.0	229.5	1,784.0	1,008.0	918.0	0.0	229.5	1,784.0	0.0	11
1131+57.00	TO	1132+93.00	136.0	54.4	0.0	272.0	0.0	272.0	185.9	0.0	272.0	0.0	272.0	0.0	2
1132+93.00	TO	1143+27.00	1,034.0	413.6	1,034.0	0.0	258.5	2,068.0	1,154.9	1,034.0	0.0	258.5	2,068.0	0.0	13
1143+27.00	TO	1146+67.00	340.0	136.0	0.0	0.0	85.0	650.0	256.4	0.0	0.0	85.0	650.0	0.0	4
1146+67.00	TO	1156+66.00	999.0	399.6	999.0	0.0	249.8	1,998.0	1,115.8	999.0	0.0	249.8	1,998.0	0.0	12
1156+66.00	TO	1157+19.00	53.0	21.2	0.0	106.0	0.0	106.0	72.4	0.0	106.0	0.0	106.0	0.0	1
1157+19.00	TO	1167+92.00	1,073.0	429.2	1,073.0	0.0	268.3	2,146.0	1,198.4	1,073.0	0.0	268.3	2,146.0	0.0	13
1167+92.00	TO	1227+22.00	5,930.0	2,372.0	0.0	0.0	1,482.5	11,800.0	4,626.1	0.0	0.0	1,482.5	11,800.0	0.0	74
1227+22.00	TO	1236+46.00	924.0	369.6	924.0	0.0	231.0	1,798.0	1,015.3	924.0	0.0	231.0	1,798.0	0.0	12
1236+46.00	TO	1237+11.00	65.0	0.0	0.0	0.0	16.3	130.0	48.8	0.0	0.0	16.3	130.0	0.0	1
1237+11.00	TO	1245+87.00	876.0	350.4	876.0	0.0	219.0	1,752.0	978.4	876.0	0.0	219.0	1,752.0	0.0	11
1245+87.00	TO	1253+49.00	762.0	304.8	0.0	0.0	190.5	1,524.0	597.0	0.0	0.0	190.5	1,524.0	0.0	10
1253+49.00	TO	1264+85.00	1,136.0	454.4	1,136.0	0.0	284.0	2,272.0	1,268.8	1,136.0	0.0	284.0	2,272.0	0.0	14
1264+85.00	TO	1265+55.00	70.0	28.0	0.0	0.0	17.5	140.0	54.8	0.0	0.0	17.5	140.0	0.0	1
1265+55.00	TO	1275+58.00	1,003.0	401.2	1,003.0	0.0	250.8	2,006.0	1,120.2	1,003.0	0.0	250.8	2,006.0	0.0	13
1275+58.00	TO	1290+65.00	1,507.0	602.8	0.0	0.0	376.8	3,014.0	1,180.7	0.0	0.0	376.8	3,014.0	0.0	19
1290+65.00	TO	1295+34.37	469.4	187.7	0.0	0.0	117.3	938.7	367.7	0.0	0.0	117.3	938.7	0.0	6
1295+34.37	=	1295+38.60	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
1295+38.60	TO	1296+00.00	61.4	24.6	0.0	0.0	15.3	122.8	48.1	0.0	0.0	15.3	122.8	0.0	1
1296+00.00	TO	1300+40.60	440.6	176.2	0.0	0.0	110.2	0.0	0.0	0.0	0.0	0.0	0.0	110.2	6
1300+40.60	=	1300+36.37	0.0	0.0	0.0	0.0	0.0	0.0	68.4	0.0	0.0	0.0	0.0	0.0	0
1300+36.37	TO	1306+22.20	585.8	234.3	0.0	0.0	146.5	0.0	0.0	0.0	0.0	0.0	0.0	146.5	7
1306+22.20	=	1306+28.50	0.0	0.0	0.0	0.0	0.0	0.0	128.8	0.0	0.0	0.0	0.0	0.0	0
1306+28.50	TO	1317+32.26	1,103.8	441.5	0.0	0.0	275.9	0.0	0.0	0.0	0.0	0.0	0.0	275.9	14
SHEET TOTALS			19,487	7,769	7,963	378	4,824	34,522	16,495	7,963	378	4,292	34,522	533	244
PROJECT TOTALS			68,538.0	27,390	21,425	2,328	16,843	131,315	59,547	21,425	2,328	16,311	131,315	533	857

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

LOCATION				QUANTITY FOOT
869+42.47	TO	870+92.47	18 FT. RT.	150.0
870+82.46	TO	871+32.46	18 FT. LT.	50.0
872+67.47	TO	873+17.47	18 FT. RT.	50.0
873+07.46	TO	874+57.46	18 FT. LT.	150.0
884+55.72	TO	885+55.72	18 FT. RT.	100.0
885+18.22	TO	885+55.72	18 FT. LT.	37.5
887+18.28	TO	887+55.78	18 FT. RT.	37.5
887+18.28	TO	888+18.28	18 FT. LT.	100.0
955+52.57	TO	956+40.07	18 FT. RT.	87.5
958+02.57	TO	958+90.07	18 FT. LT.	87.5
967+89.25	TO	968+76.75	18 FT. RT.	87.5
970+39.25	TO	971+26.75	18 FT. LT.	87.5
995+62.36	TO	995+99.86	17.7 FT. RT.	37.5
995+74.86	TO	995+99.86	17.7 FT. LT.	25.0
997+74.86	TO	997+99.86	17.7 FT. RT.	25.0
997+74.86	TO	998+87.36	17.7 FT. LT.	112.5
1180+81.43	TO	1181+93.93	17.75 FT. RT.	112.5
1182+86.61	TO	1182+99.11	17.4 FT. LT.	12.5
1183+62.68	TO	1183+87.68	17.75 FT. RT.	25.0
1183+05.36	TO	1184+92.86	17.4 FT. LT.	187.5
1240+48.92	TO	1241+61.42	17.75 FT. RT.	112.5
1241+59.07	TO	1241+84.07	17.75 FT. LT.	25.0
1243+23.92	TO	1243+48.92	17.75 FT. RT.	25.0
1243+46.57	TO	1244+59.07	17.75 FT. LT.	112.5
TOTAL =				1837.5

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

LOCATION				QUANTITY EACH
868+92.47	TO	869+42.47	18 FT. RT.	1.0
870+32.46	TO	870+82.46	18 FT. LT.	1.0
873+17.47	TO	873+67.47	18 FT. RT.	1.0
874+57.46	TO	875+07.46	18 FT. LT.	1.0
884+05.72	TO	884+55.72	18 FT. RT.	1.0
884+68.22	TO	885+18.22	18 FT. LT.	1.0
887+55.78	TO	888+05.78	18 FT. RT.	1.0
888+18.28	TO	888+68.28	18 FT. LT.	1.0
955+02.57	TO	955+52.57	18 FT. RT.	1.0
955+90.07	TO	956+40.07	18 FT. LT.	1.0
958+02.57	TO	958+52.57	18 FT. RT.	1.0
958+90.07	TO	959+40.07	18 FT. LT.	1.0
967+39.25	TO	967+89.25	18 FT. RT.	1.0
968+26.75	TO	968+76.75	18 FT. LT.	1.0
970+39.25	TO	970+89.25	18 FT. RT.	1.0
971+26.75	TO	971+76.75	18 FT. LT.	1.0
995+24.86	TO	995+74.86	17.7 FT. LT.	1.0
997+99.86	TO	998+49.86	17.7 FT. RT.	1.0
998+87.36	TO	999+37.36	17.7 FT. LT.	1.0
1001+74.51	TO	1002+24.51	20 FT. RT.	1.0
1004+09.52	TO	1004+59.52	20 FT. LT.	1.0
1180+31.43	TO	1180+81.43	17.7 FT. RT.	1.0
1183+87.68	TO	1184+37.68	17.7 FT. RT.	1.0
1184+92.86	TO	1185+42.86	17.4 FT. LT.	1.0
1239+98.92	TO	1240+48.92	18 FT. RT.	1.0
1241+09.07	TO	1241+59.07	18 FT. LT.	1.0
1243+48.92	TO	1243+98.92	18 FT. RT.	1.0
1244+59.07	TO	1245+09.07	18 FT. LT.	1.0
TOTAL =				28.0

TEMPORARY RAMP, SPECIAL

LOCATION			WIDTH FEET	LENGTH FEET	AREA SQ YD
1296+38.00	RT.	PRA	1.5	38.0	6.3
1296+38.00	LT.	PRA	1.5	37.0	6.2
1297+68.00	LT.	PE	1.5	19.0	3.2
1297+75.00	RT.	PE	1.5	33.0	5.5
1298+00.00	RT.	PE	1.5	21.0	3.5
1298+25.00	LT.	PE	1.5	26.0	4.3
1298+90.00	RT.	CE	1.5	170.0	28.3
1300+35.00	LT.	PE	1.5	31.0	5.2
1300+74.00	RT.	PE	1.5	23.0	3.8
1300+88.00	LT.	PRA	1.5	57.0	9.5
1302+76.00	RT.	CE	1.5	34.0	5.7
1304+23.00	LT.	CE	1.5	35.0	5.8
1304+62.00	RT.	PE	1.5	29.0	4.8
1305+24.00	LT.	PE	1.5	16.0	2.7
1306+77.00	LT.	PE	1.5	22.0	3.7
1307+67.00	RT.	PE	1.5	40.0	6.7
1307+79.00	LT.	CE	1.5	34.0	5.7
1309+32.00	RT.	PE	1.5	18.0	3.0
1306+60.00	LT.	PRA	1.5	43.0	7.2
1310+48.00	LT.	PE	1.5	22.0	3.7
1310+74.00	RT.	PE	1.5	30.0	5.0
1311+35.00	LT.	PE	1.5	19.0	3.2
1311+50.00	RT.	PE	1.5	23.0	3.8
1312+09.00	LT.	PE	1.5	18.0	3.0
1313+35.00	RT.	PE	1.5	15.0	2.5
1313+35.00	LT.	PE	1.5	22.0	3.7
1314+14.00	LT.	PE	1.5	22.0	3.7
1315+07.00	RT.	PE	1.5	24.0	4.0
1315+72.00	LT.	PE	1.5	22.0	3.7
1316+72.00	LT.	PE	1.5	28.0	4.7
1317+28.00	RT.	CE	1.5	12.0	2.0
TOTAL =					164

PATCHING SCHEDULE

LOCATION	CLASS D PATCHES, TYPE II, 14"	CLASS D PATCHES, TYPE III, 14"	CLASS D PATCHES, TYPE IV, 14"	CLASS D PATCHES, TYPE II, 16"	CLASS D PATCHES, TYPE III, 16"	CLASS D PATCHES, TYPE IV, 16"	PARTIAL DEPTH REMOVAL (VARIABLE DEPTH)	PARTIAL DEPTH PATCHING
	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON
FAP 116 (IL 130)	2,392	689	1,758	2,130	759	533	13,778	5,797

TEMPORARY RAMPS

LOCATION			LENGTH FEET	WIDTH FEET	AREA SQ YD
631+88.00	TO	632+18.00	6.0	24.0	16.0
1317+23.26	TO	1317+32.26	9.0	24.0	24.0
TOTAL =					40

GUARDRAIL REMOVAL

LOCATION				QUANTITY FOOT
871+05.79	TO	872+28.78	18 FT. RT.	123.0
871+55.79	TO	873+68.79	18 FT. LT.	213.0
885+37.00	TO	887+40.00	18 FT. RT.	203.0
885+37.00	TO	887+40.00	18 FT. LT.	203.0
956+22.00	TO	958+27.00	18 FT. RT.	205.0
956+22.00	TO	958+27.00	18 FT. LT.	205.0
968+56.00	TO	970+57.00	18 FT. RT.	201.0
968+56.00	TO	970+57.00	18 FT. LT.	201.0
995+81.86	TO	997+93.86	20 FT. RT.	212.0
995+81.86	TO	997+93.86	20 FT. LT.	212.0
1001+99.51	TO	1002+24.51	20 FT. RT.	25.0
1004+09.52	TO	1004+59.52	20 FT. LT.	50.0
1181+65.24	TO	1183+79.24	20 FT. RT.	214.0
1182+71.24	TO	1184+09.24	20 FT. LT.	138.0
1241+35.21	TO	1243+35.21	20 FT. RT.	200.0
1241+56.00	TO	1243+56.00	20 FT. LT.	200.0
TOTAL =				2,805.0

LONG SPAN GUARDRAIL OVER CULVERT, 12 FT. 6 IN. SPAN

LOCATION				QUANTITY (FOOT)
885+55.75	TO	887+18.25	18 FT. RT.	162.50
885+55.75	TO	887+18.25	18 FT. LT.	162.50
956+40.07	TO	958+02.57	18 FT. RT.	162.50
956+40.07	TO	958+02.57	18 FT. LT.	162.50
968+76.75	TO	970+39.25	18 FT. RT.	162.50
968+76.75	TO	970+39.25	18 FT. LT.	162.50
1241+61.42	TO	1243+23.92	18 FT. RT.	162.50
1241+84.07	TO	1243+46.57	18 FT. LT.	162.50
TOTAL =				1300.0

STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)

LOCATION				QUANTITY (FOOT)	RADIUS	
34.1 FT. RT.	995+30.12	TO	995+62.36	17.7 FT. RT.	37.5	40
33.8 FT. LT.	1182+71.68	TO	1182+86.61	17.4 FT. LT.	25.0	15
TOTAL =				62.5		

STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURES

LOCATION				QUANTITY (FOOT)
1182+99.11	TO	1183+05.36	17.4 FT. LT.	6.25
TOTAL =				6.3

LONG SPAN GUARDRAIL OVER CULVERT, 25 FT. SPAN

LOCATION				QUANTITY (FOOT)
870+92.47	TO	872+67.47	18 FT. RT.	175.0
871+32.46	TO	873+07.46	18 FT. LT.	175.0
995+99.86	TO	997+74.86	17.7 FT. RT.	175.0
995+99.86	TO	997+74.86	17.7 FT. LT.	175.0
TOTAL =				700.0

LONG SPAN GUARDRAIL OVER CULVERT, 18 FT. 9 IN. SPAN

LOCATION				QUANTITY (FOOT)
1181+93.93	TO	1183+62.68	17.7 FT. RT.	168.75
TOTAL =				168.8

TRAFFIC BARRIER TERMINAL, TYPE 2

LOCATION				QUANTITY EACH	
44.1 FT. RT.	995+22.69	TO	995+30.12	34.0 FT. RT.	1.0
33.8 FT. LT.	1182+71.68	TO	1182+72.95	46.3 FT. LT.	1.0
TOTAL =				2.0	

SEEDING CLASS 2 (SPECIAL)

LOCATION							LENGTH FEET	WIDTH FEET	ACRE
870+22.74	TO	870+54.74	LT.	32.0	9.3	0.01			
872+36.88	TO	872+69.47	RT.	32.6	13.5	0.01			
871+98.43	TO	873+87.63	RT.	189.2	13.5	0.06			
873+87.63	TO	874+22.63	RT.	35.0	13.5	0.01			
1235+00.00	TO	1242+50.00	RT/LT	1500.0	8.0	0.28			
TOTAL =							0.4		

EARTHWORK SCHEDULE

Location	Earth Excavation	Earth Excavation Adj. for Shrinkage	Embankment	Earthwork Balance Waste (+)/Shortage (-)
	CU. YD	CU. YD	CU. YD	CU. YD.
870+22.74 TO 870+54.74 LT.	33.1	24.8	0.0	+24.8
872+36.88 TO 872+69.47 RT.	57.0	42.8	0.0	+42.8
871+98.43 TO 873+87.63 RT.	0.0	0.0	367.5	-367.5
873+87.63 TO 874+22.63 RT.	0.0	0.0	65.7	-65.7
PROJECT TOTAL	90.1	67.6	433.2	-365.6

SURVEY MARKER SCHEDULE

LOCATION		TYPE	PERMANENT SURVEY MARKERS, TYPE I	SURVEY MARKER VAULT	PROTECTING OR RESETTING SURVEY MARKERS
7.3' RT.	790+59.60	SEC. CORNER		1.0	1.0
CL	790+97.45	POT	1.0		
CL	817+11.50	POT	1.0		
CL	817+12.77	SEC. CORNER		1.0	1.0
CL	843+03.30	POT	1.0		
CL	846+69.00	SEC. CORNER		1.0	1.0
CL	1295+38.60	PT	1.0		
CL	1317+00.00	POT	1.0		
TOTAL =			5.0	3.0	3.0

STA. EQ. 1295+35.5 (BK) = 1295+38.6 (AH)
NOT SURE OF STATION

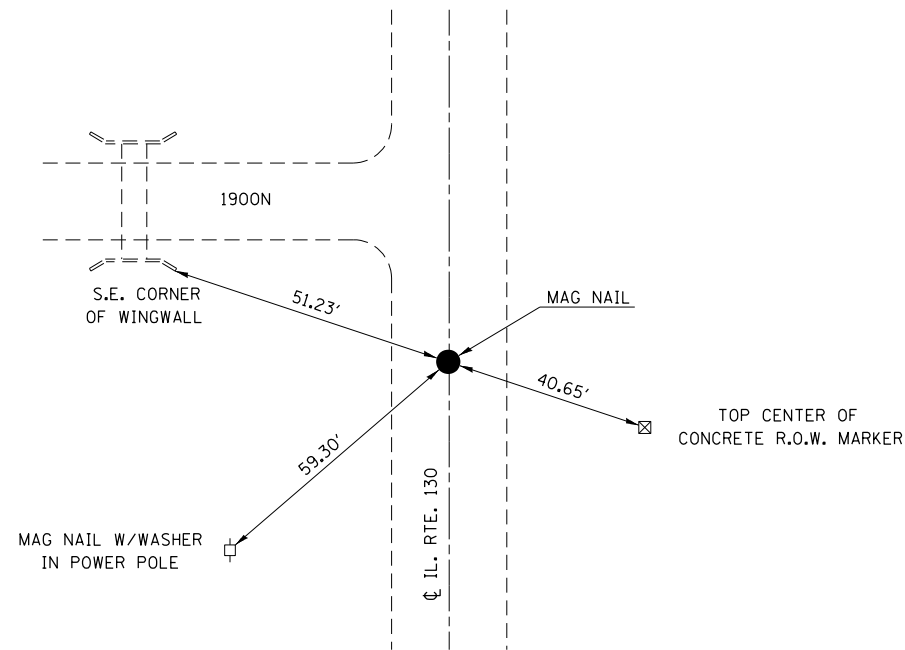
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
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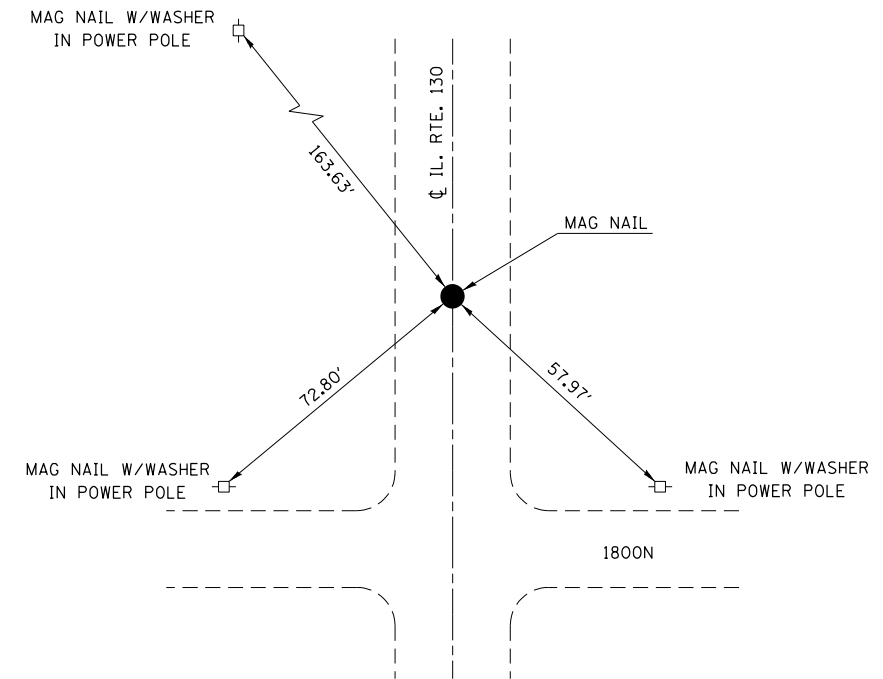
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	20
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				

P.O.T. STATION 790+97.45



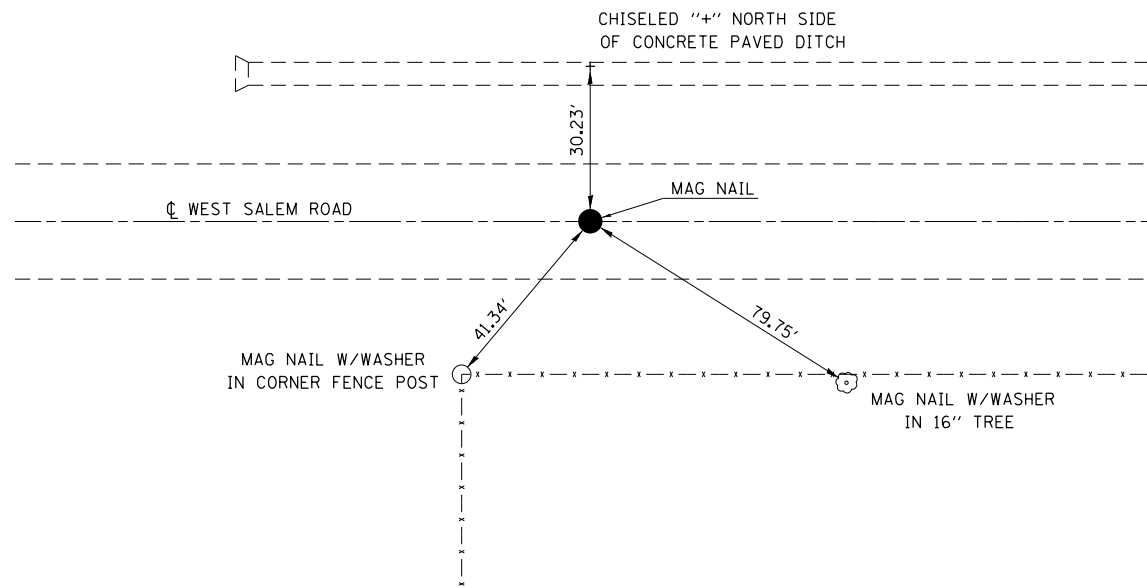
NOTE: NOT DRAWN TO SCALE

P.O.T. STATION 843+03.30



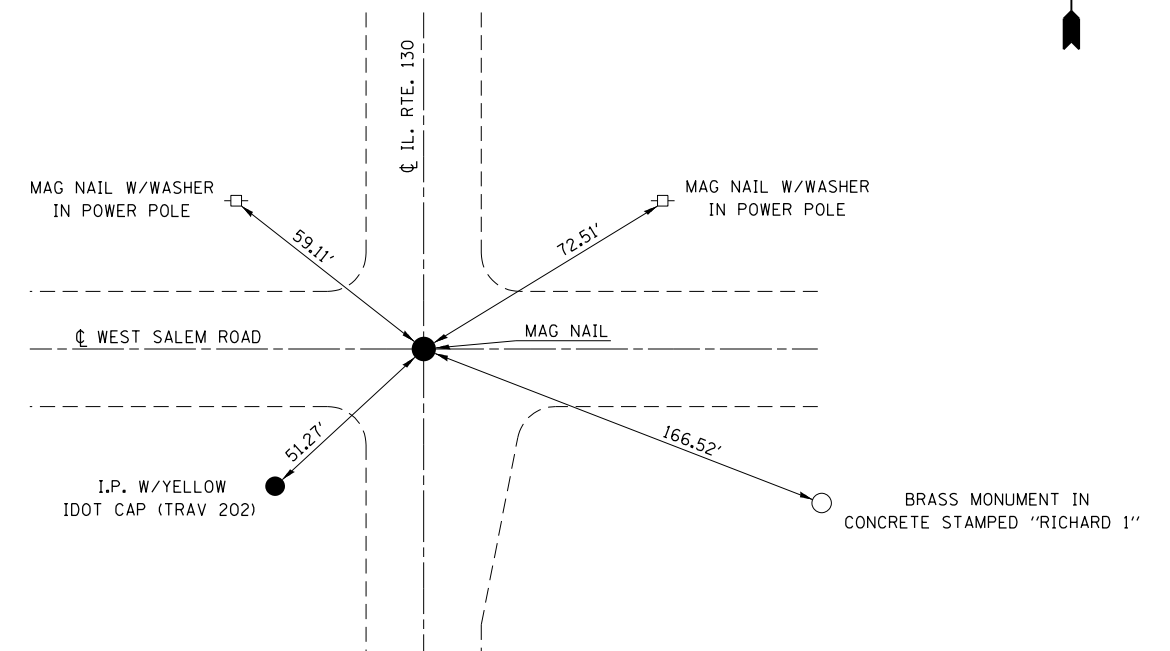
NOTE: NOT DRAWN TO SCALE

P.O.T. STATION 1006+83.71
WEST SALEM ROAD



NOTE: NOT DRAWN TO SCALE

P.I. STATION 1019+91.00 (WEST SALEM ROAD) =
STATION 817+11.50 (IL. RTE. 130) P.O.T.



NOTE: NOT DRAWN TO SCALE

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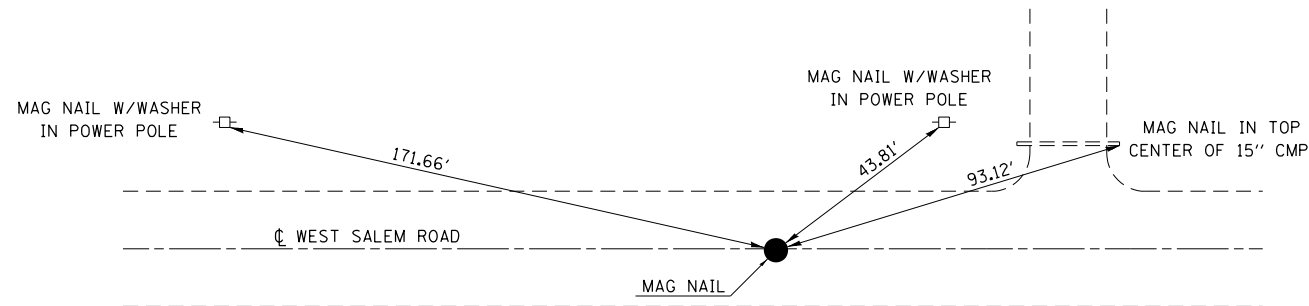
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS

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

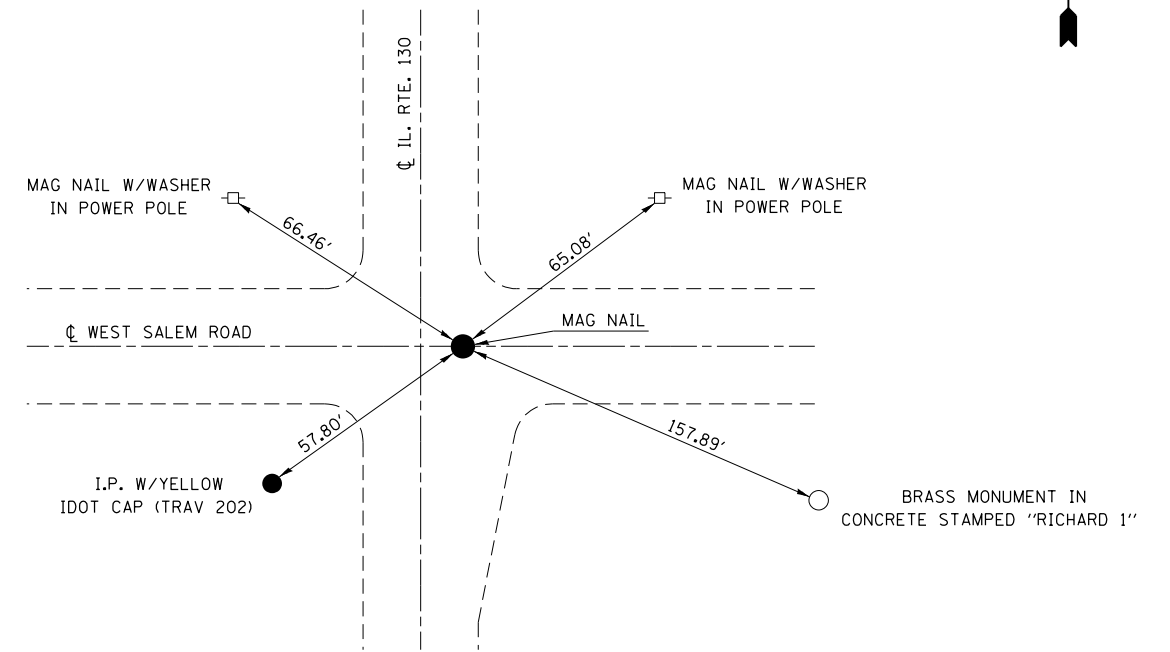
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	21
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				

P.O.T. STATION 26+67.23
WEST SALEM ROAD



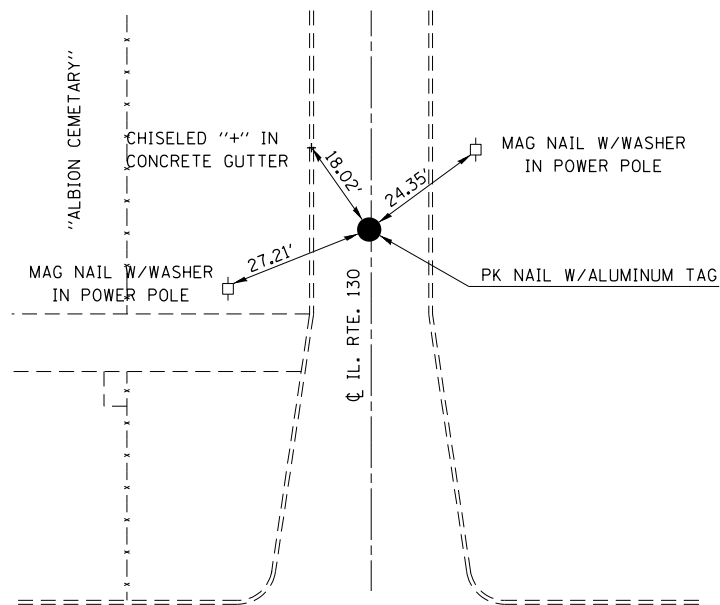
NOTE: NOT DRAWN TO SCALE

STATION EQUATION:
STATION 1020+00.00 = 0+00.00 WEST SALEM ROAD



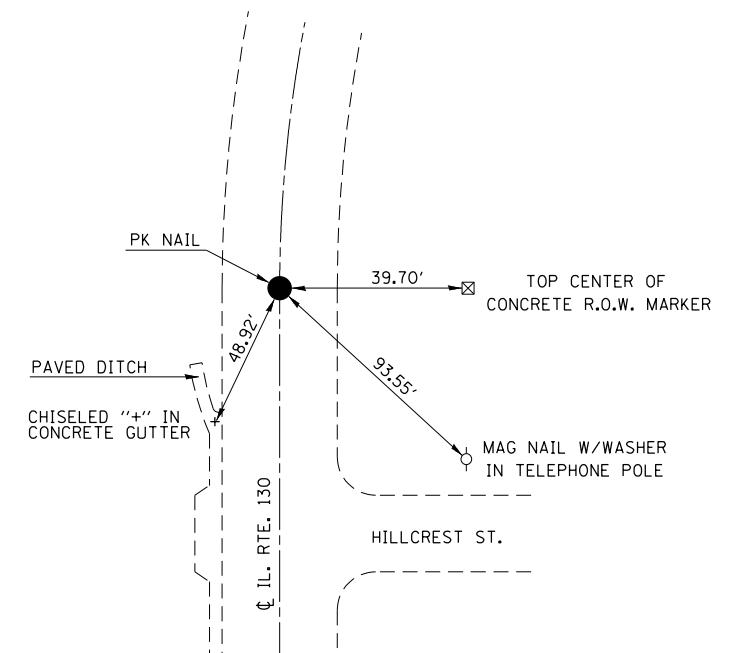
NOTE: NOT DRAWN TO SCALE

P.O.T. STATION 14+79.78



NOTE: NOT DRAWN TO SCALE

STATION EQUATION AND P.T. STATION
STATION 1295+34.5 = 1295+38.6



NOTE: NOT DRAWN TO SCALE

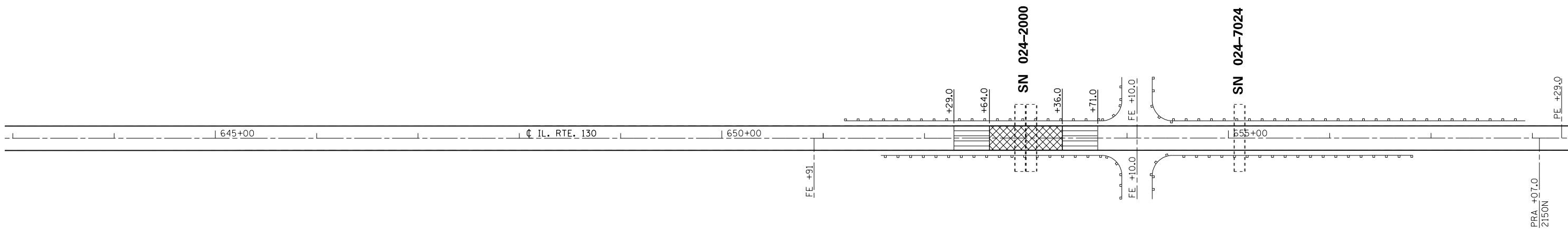
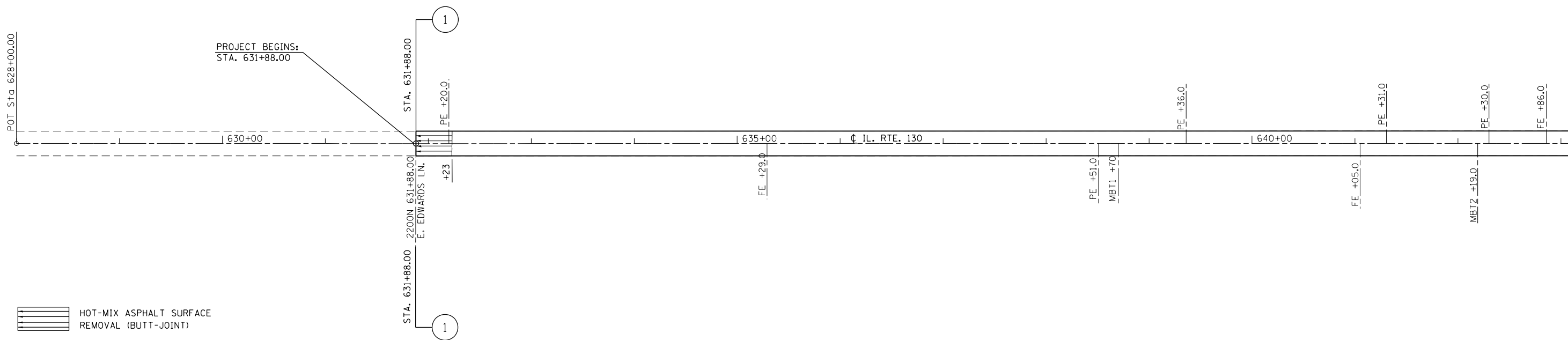
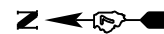
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	22
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				



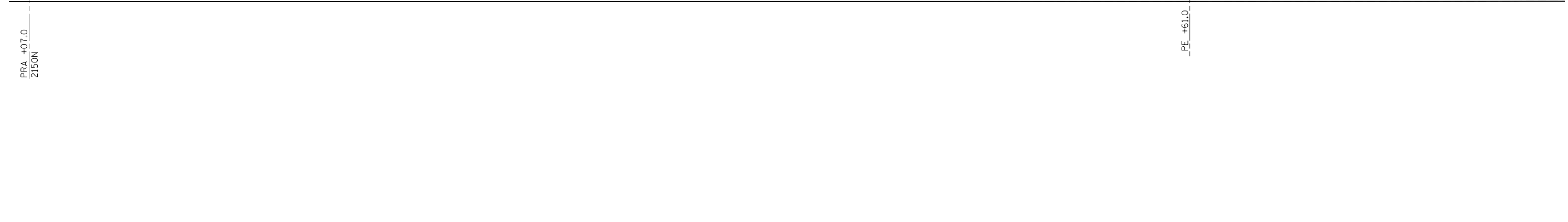
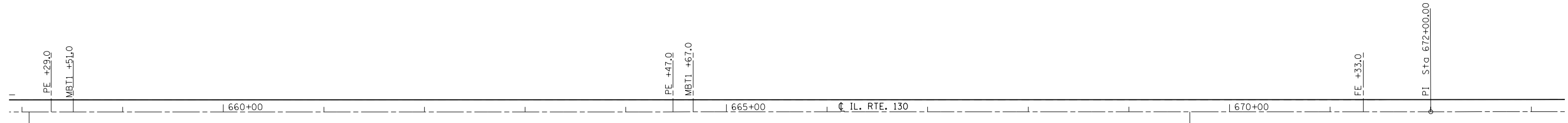
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) 1/2" TO 2 1/4" TRANSITION

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	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN			
SCALE: 50	SHEET 1	OF 23 SHEETS	STA. 628+00 TO STA. 658+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	23
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



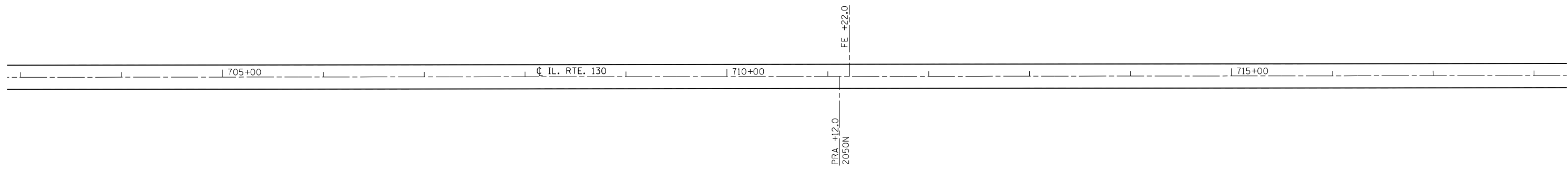
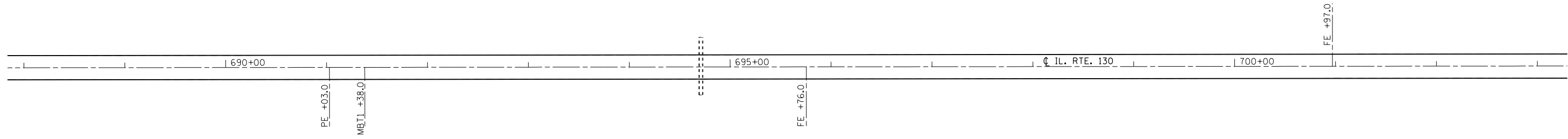
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 2 OF 23 SHEETS STA. 658+00 TO STA. 688+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	24
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



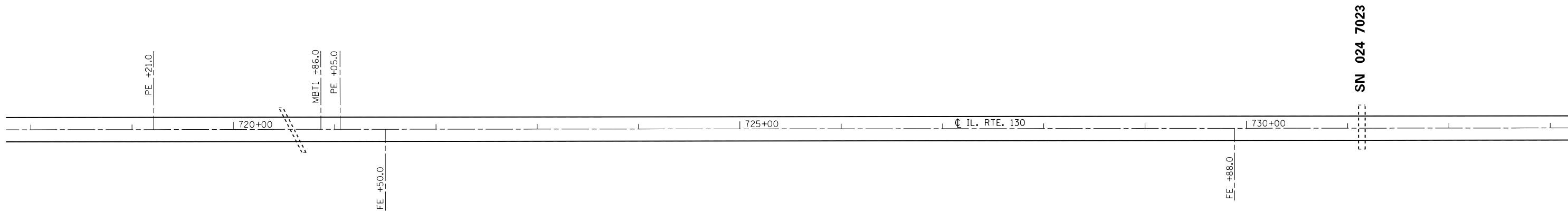
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

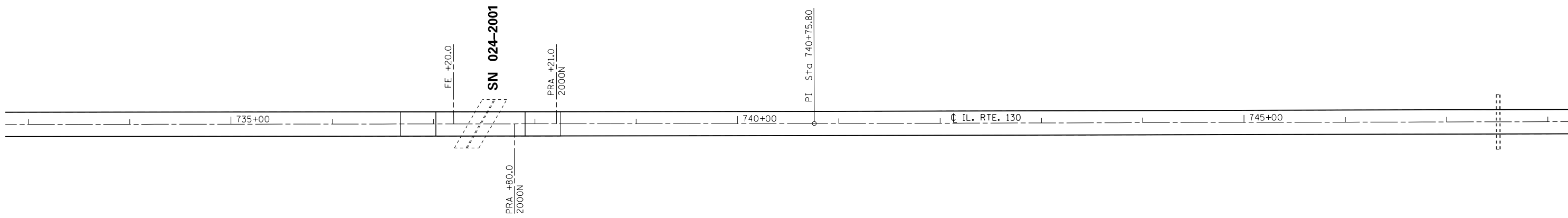
PLAN

SCALE: 50 SHEET 3 OF 23 SHEETS STA. 688+00 TO STA. 718+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	25
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



SN 024 7023



SN 024-2001

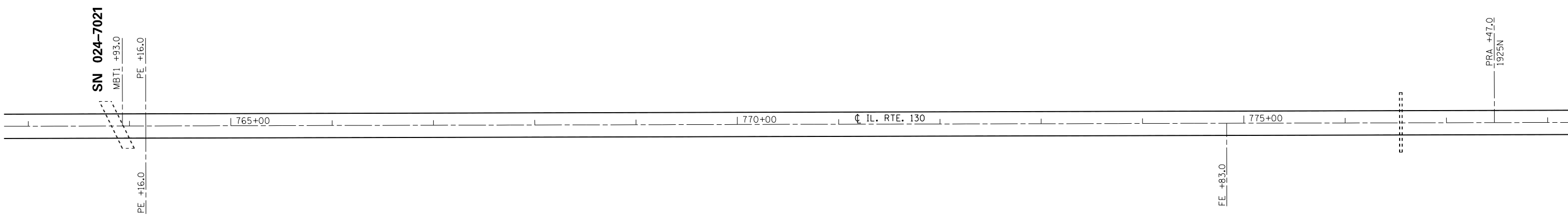
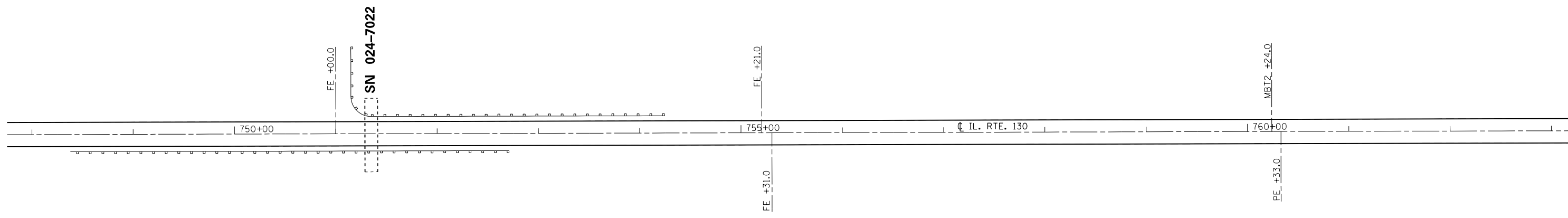
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 4 OF 23 SHEETS STA. 718+00 TO STA. 748+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74247	



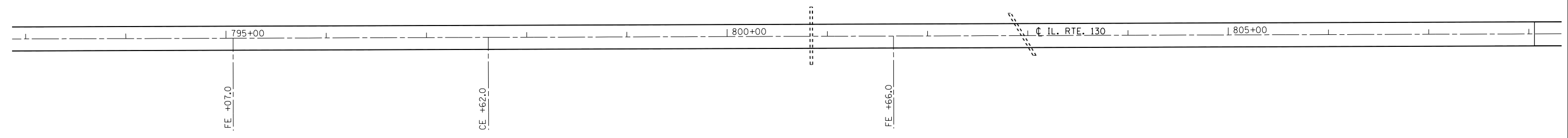
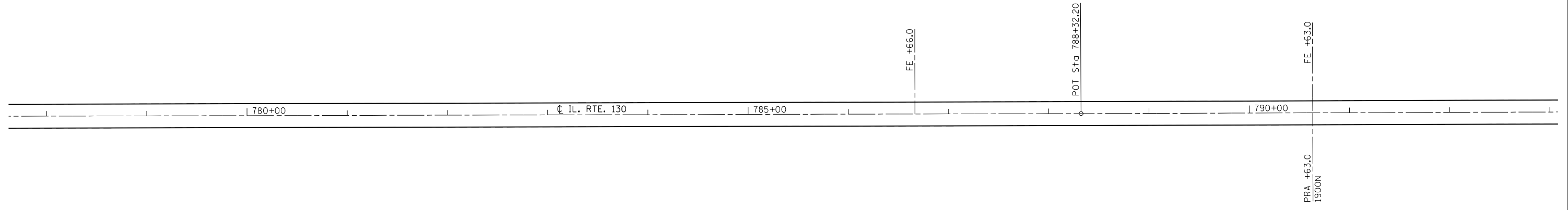
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 5 OF 23 SHEETS STA. 748+00 TO STA. 778+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	27
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



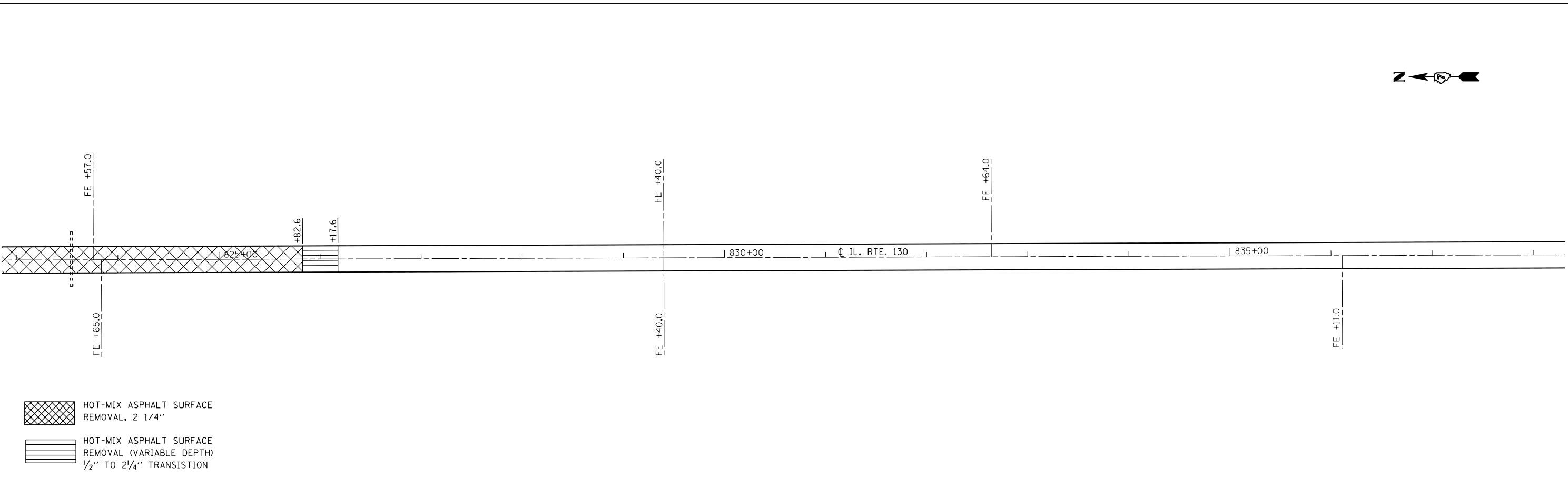
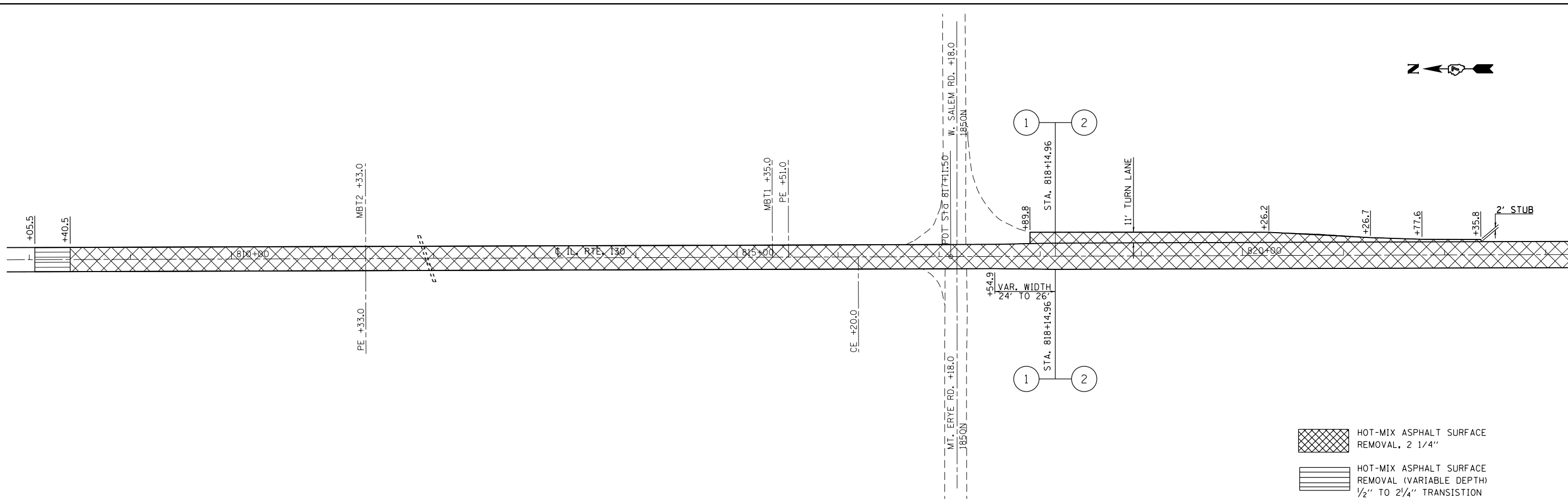
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 6 OF 23 SHEETS STA. 778+00 TO STA. 808+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	28
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



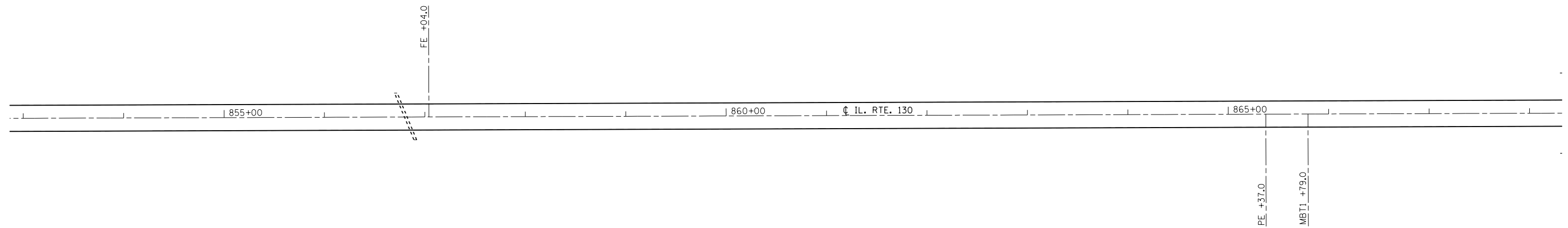
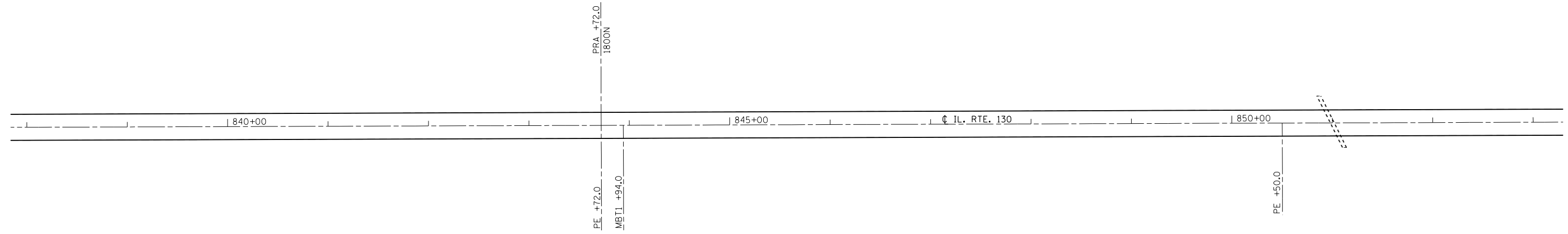
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 7 OF 23 SHEETS STA. 808+00 TO STA. 838+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	29
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				



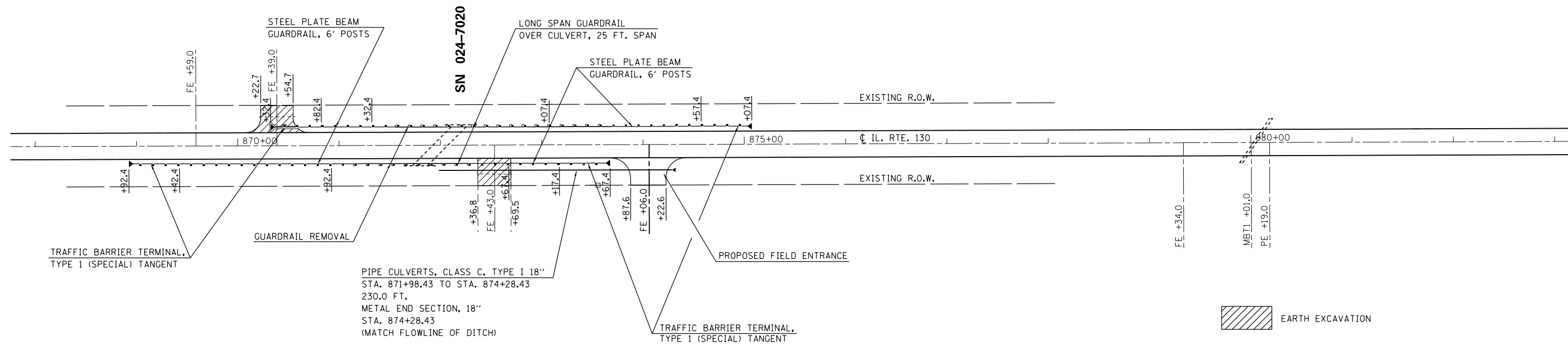
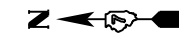
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

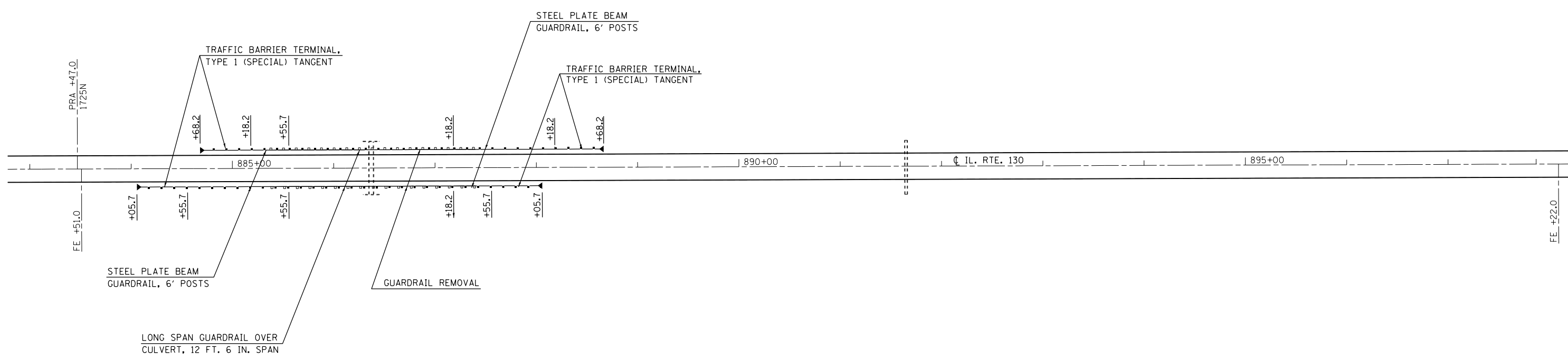
SCALE: 50 SHEET 8 OF 23 SHEETS STA. 838+00 TO STA. 868+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74247	



PIPE CULVERTS, CLASS C, TYPE I 18"
 STA. 871+98.43 TO STA. 874+28.43
 230.0 FT.
 METAL END SECTION, 18"
 STA. 874+28.43
 (MATCH FLOWLINE OF DITCH)

EARTH EXCAVATION



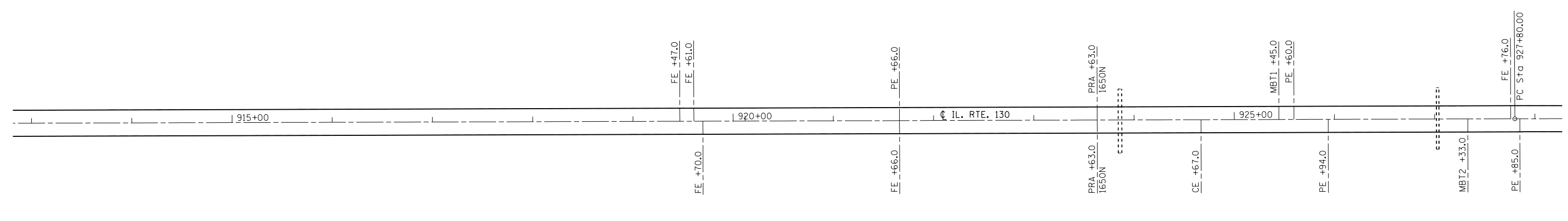
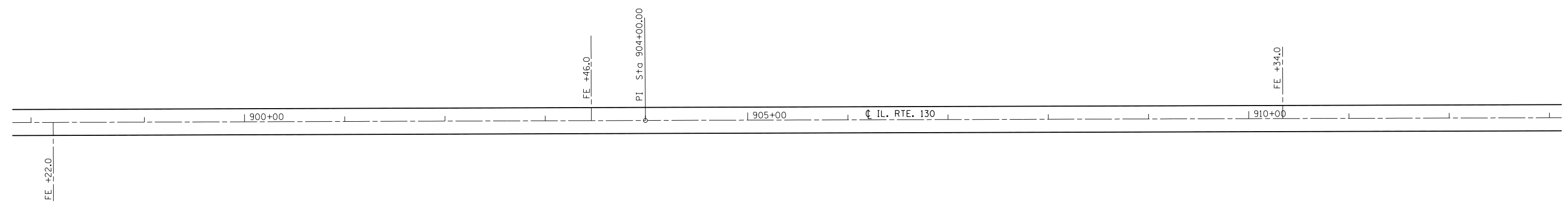
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 9 OF 23 SHEETS STA. 868+00 TO STA. 898+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	31
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



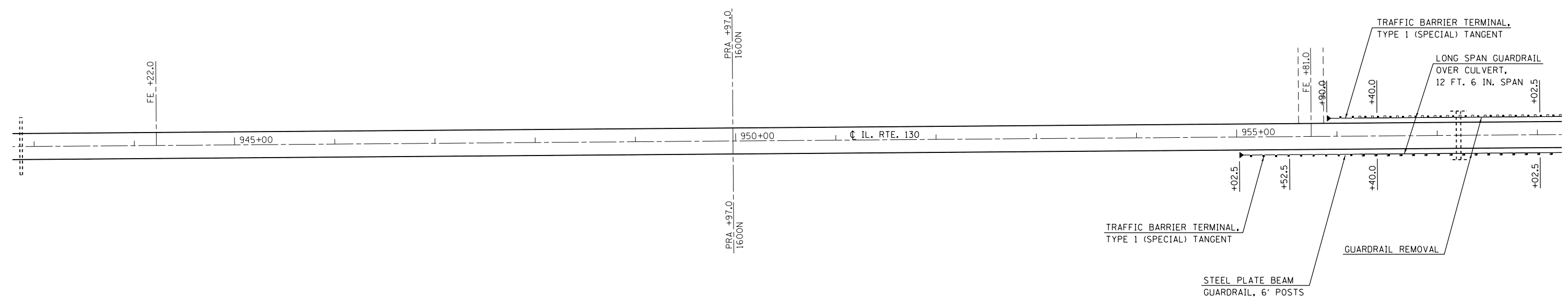
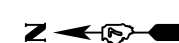
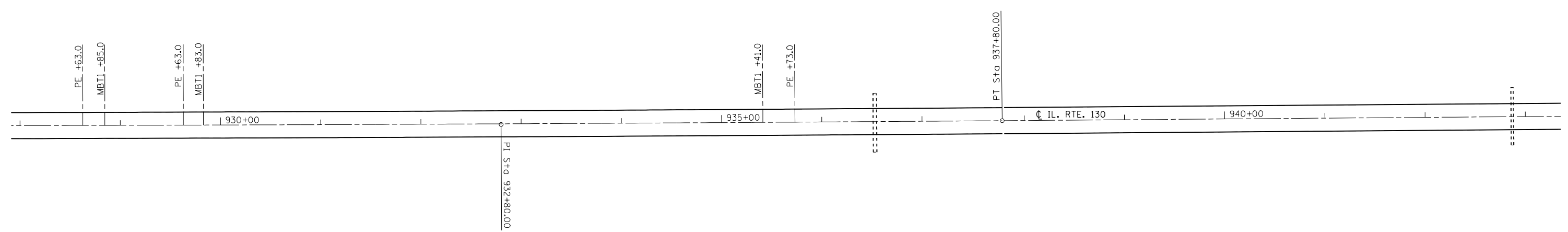
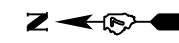
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 10 OF 23 SHEETS STA. 898+00 TO STA. 928+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	32
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



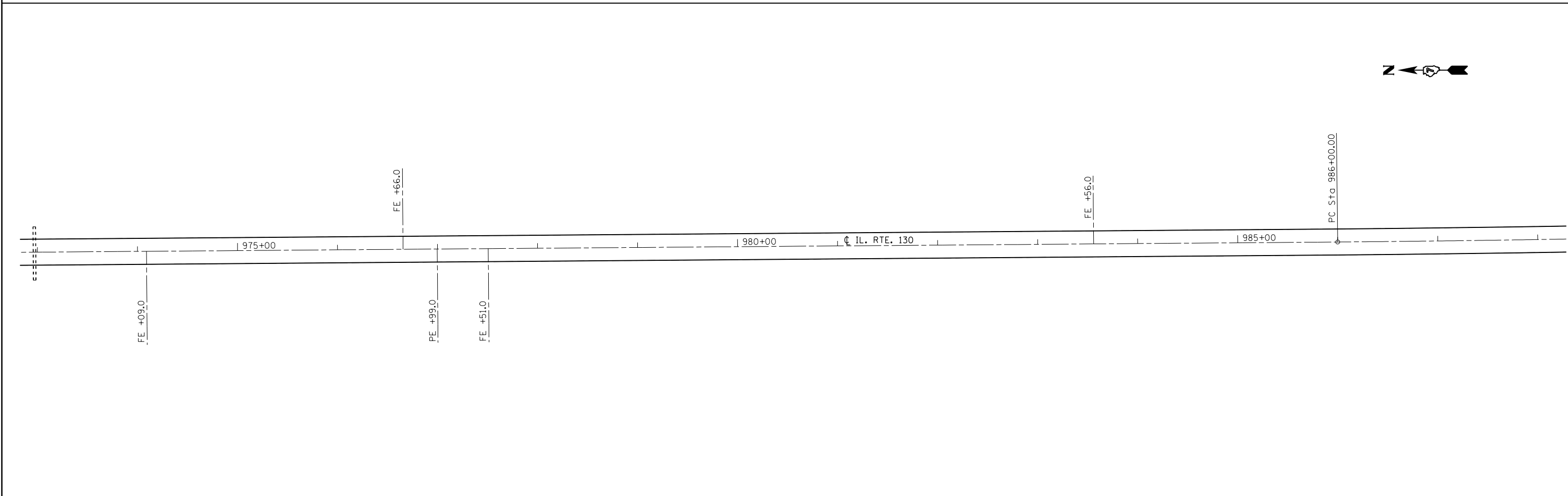
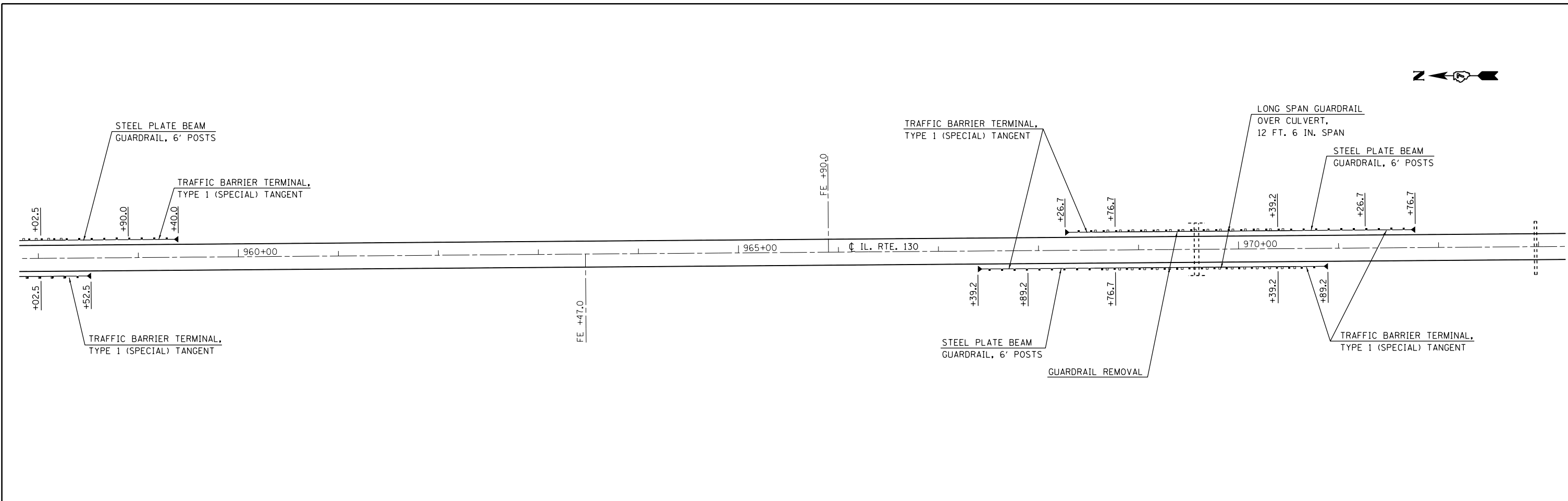
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 11 OF 23 SHEETS STA. 928+00 TO STA. 958+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	33
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				



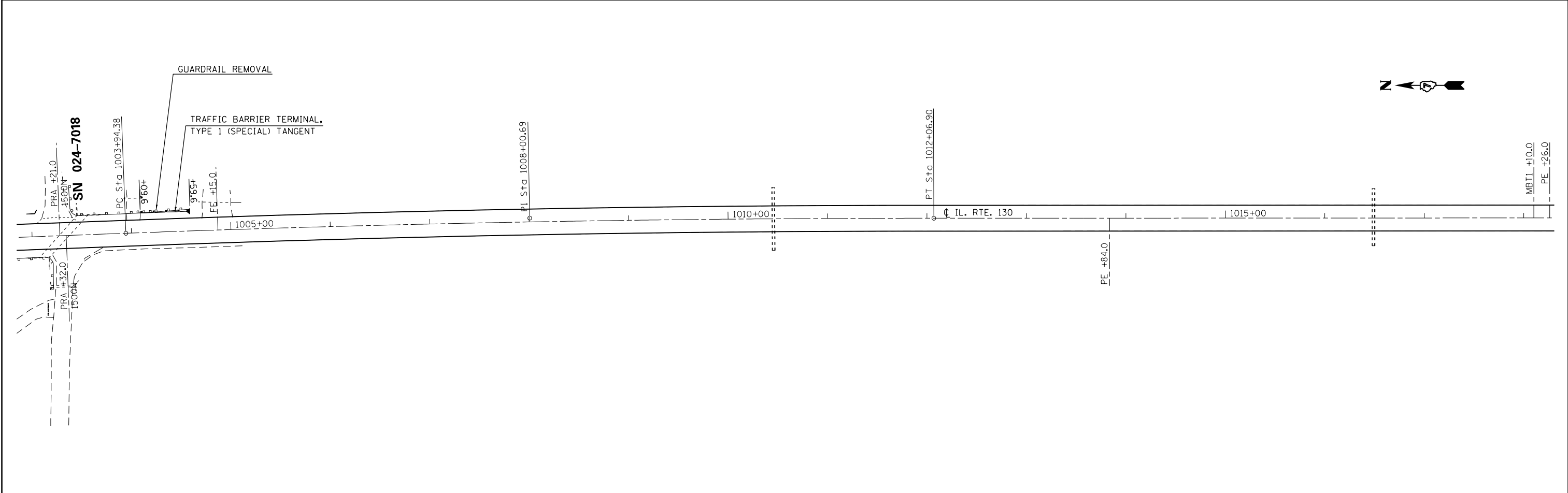
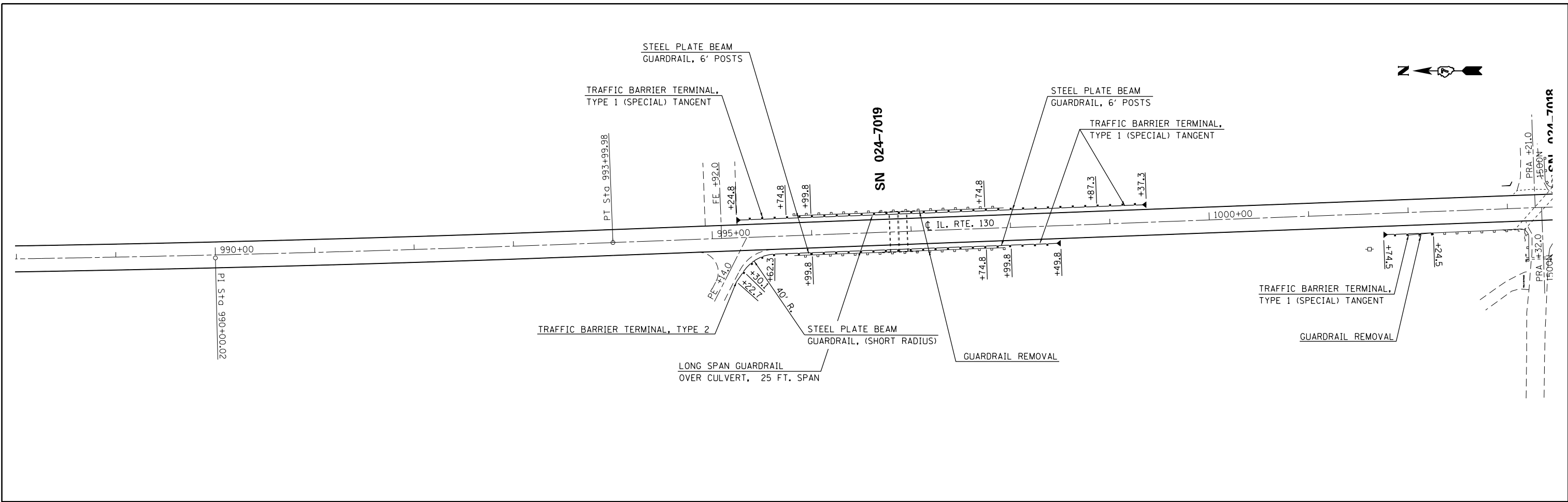
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

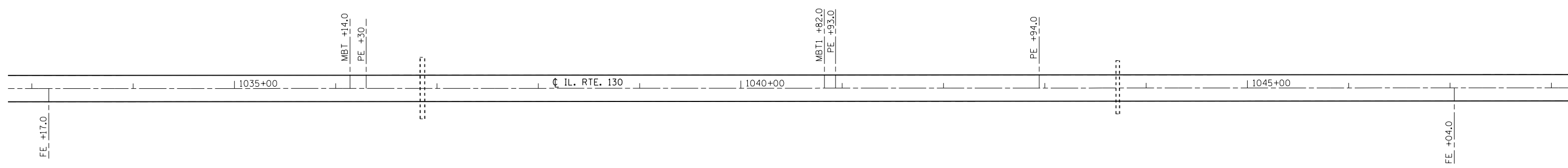
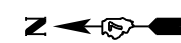
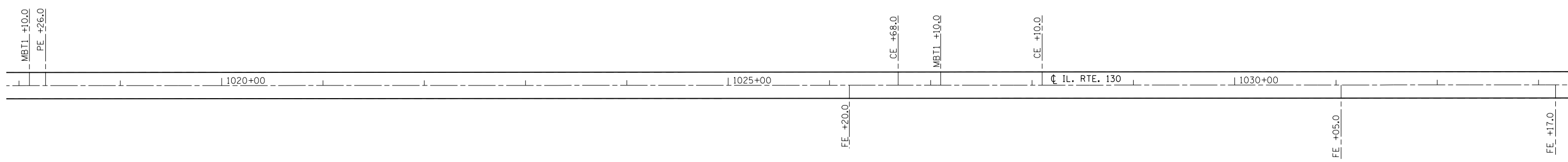
PLAN

SCALE: 50 SHEET 12 OF 23 SHEETS STA. 958+00 TO STA. 988+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74247	



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PLOT DATE = 3/23/2012	DATE -	REVISED -	REVISED -									



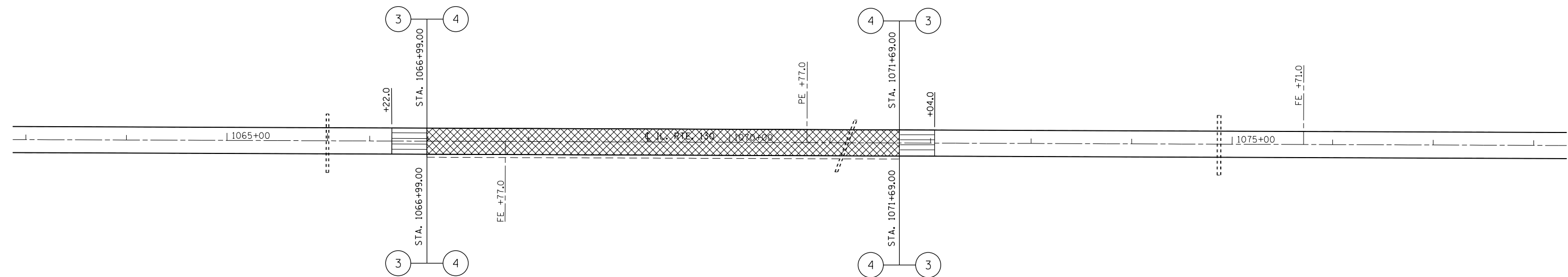
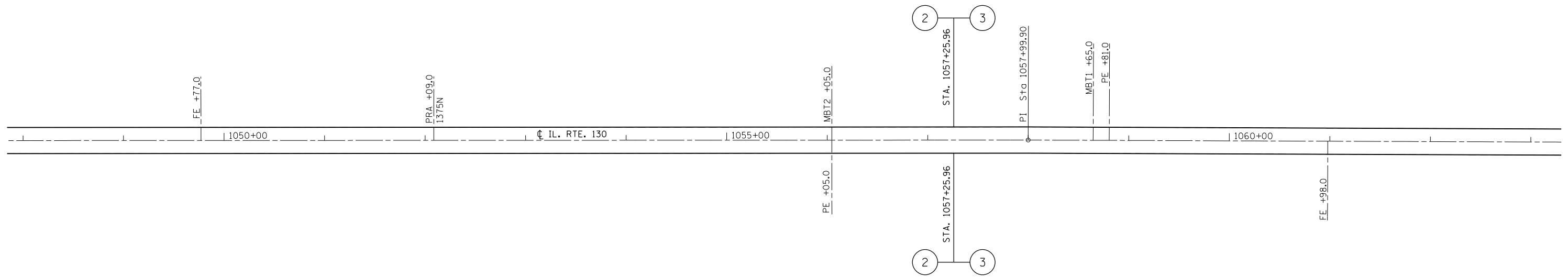
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	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 14 OF 23 SHEETS STA. 1018+00 TO STA. 1048+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74247	



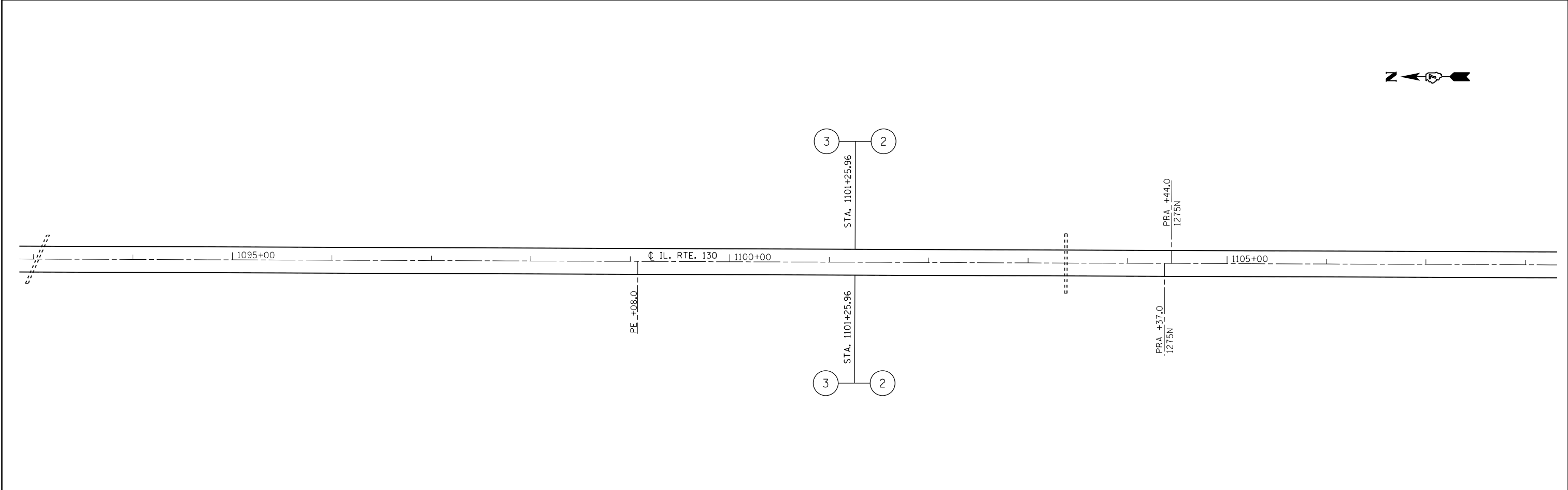
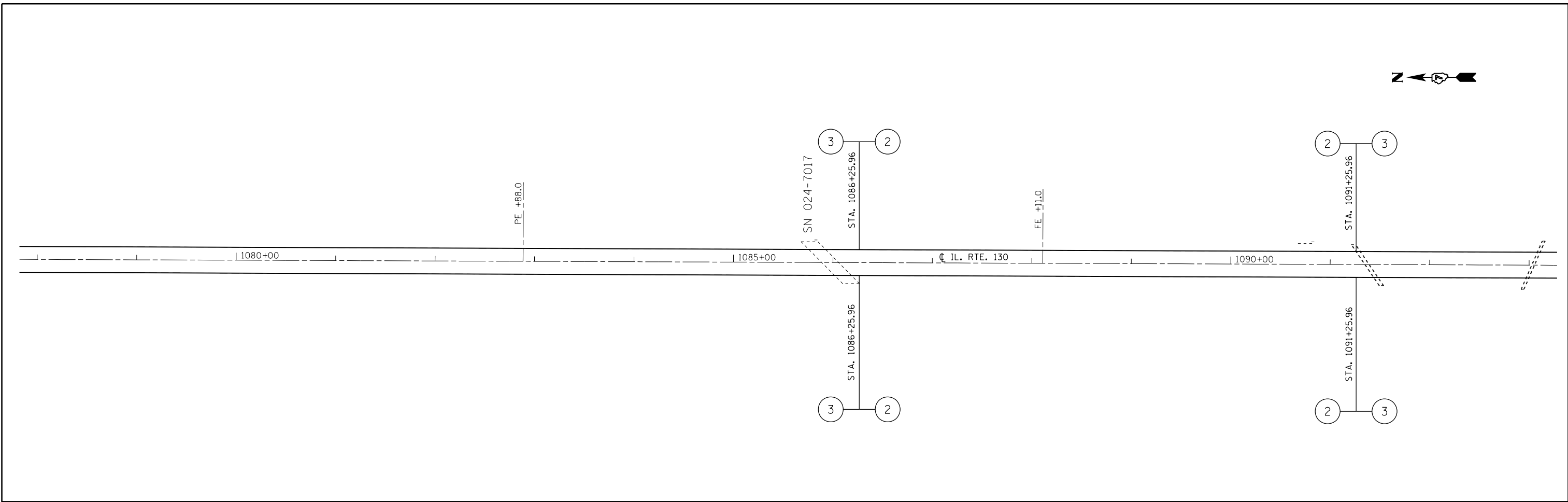
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

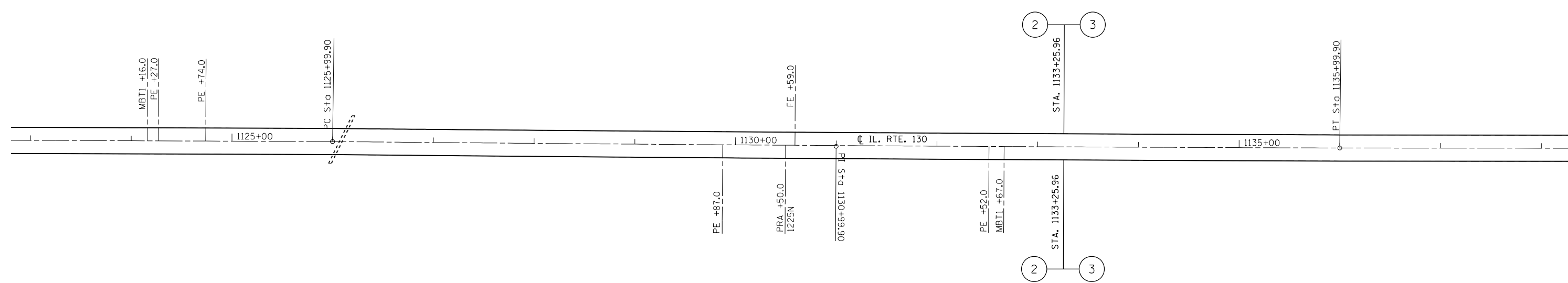
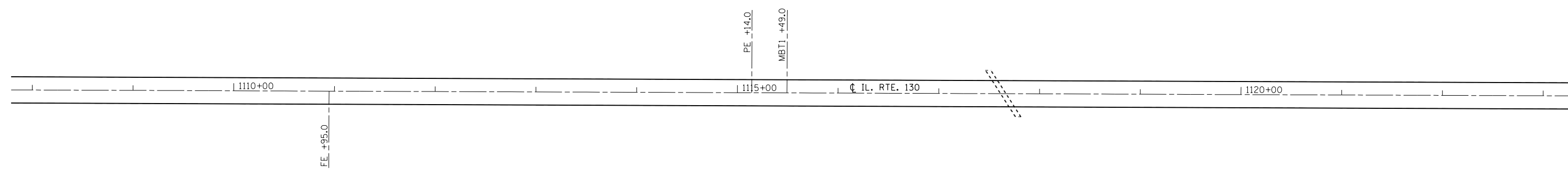
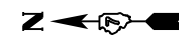
PLAN

SCALE: 50 SHEET 15 OF 23 SHEETS STA. 1048+00 TO STA. 1078+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	37
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



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PLOT DATE = 3/23/2012	CHECKED -	REVISED -	SCALE: 50 SHEET 16 OF 23 SHEETS STA. 1078+00 TO STA. 1108+00			CONTRACT NO. 74247		ILLINOIS FED. AID PROJECT				
	DATE -	REVISED -										



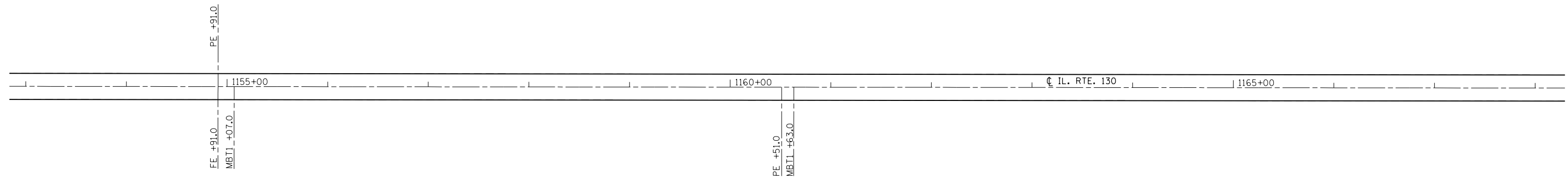
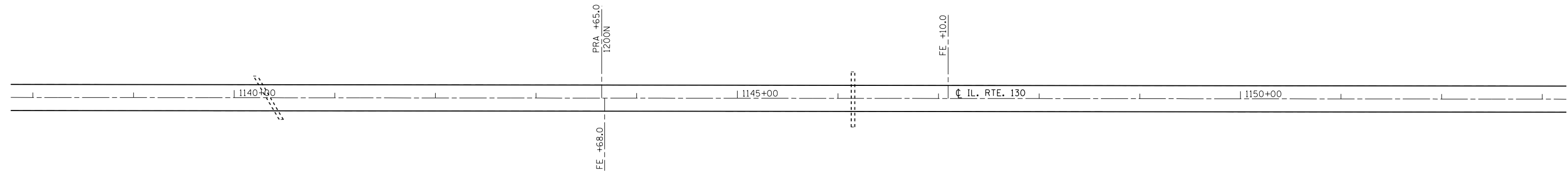
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 17 OF 23 SHEETS STA. 1108+00 TO STA. 1138+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	39
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	

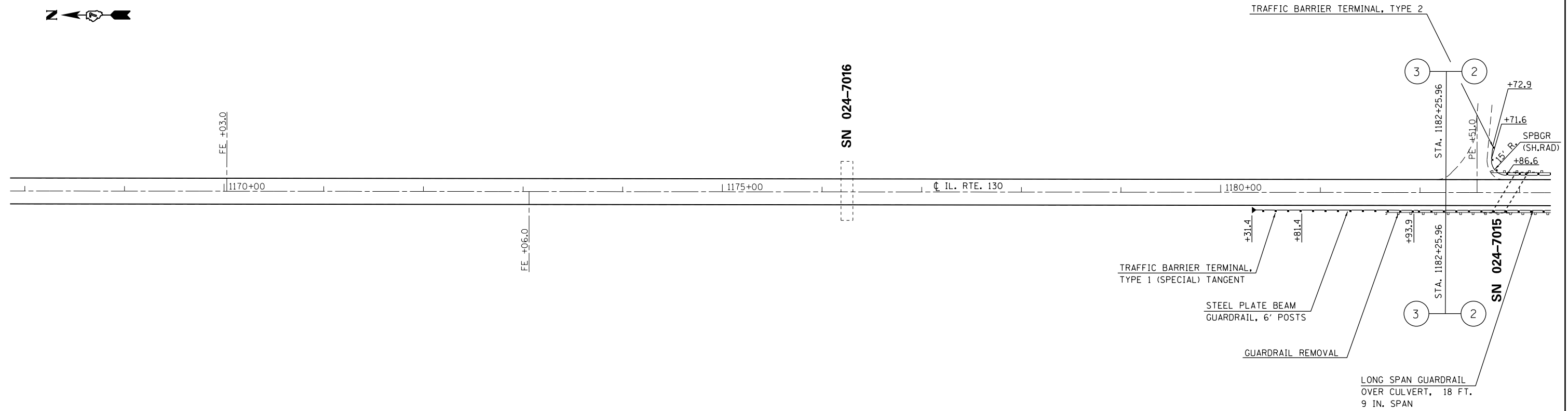


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN			
SCALE: 50	SHEET 18	OF 23 SHEETS	STA. 1138+00 TO STA. 1168+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	40
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



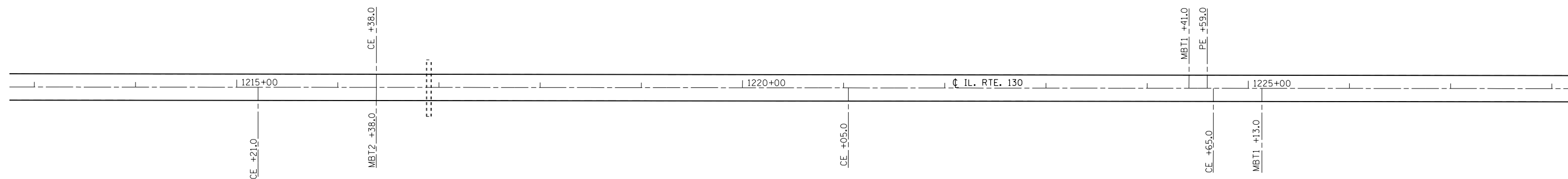
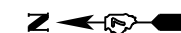
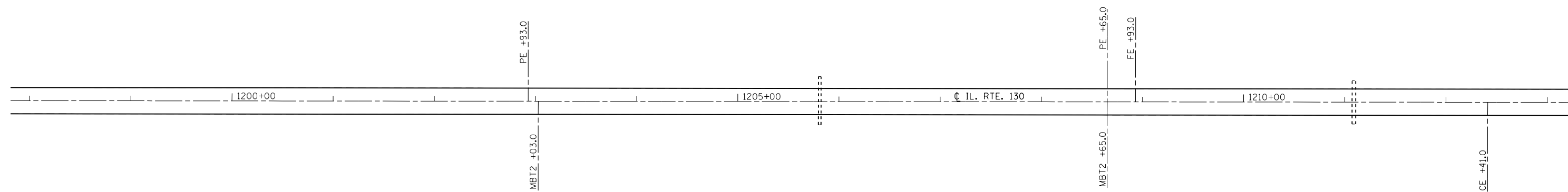
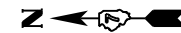
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: 50 SHEET 19 OF 23 SHEETS STA. 1168+00 TO STA. 1198+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	41
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



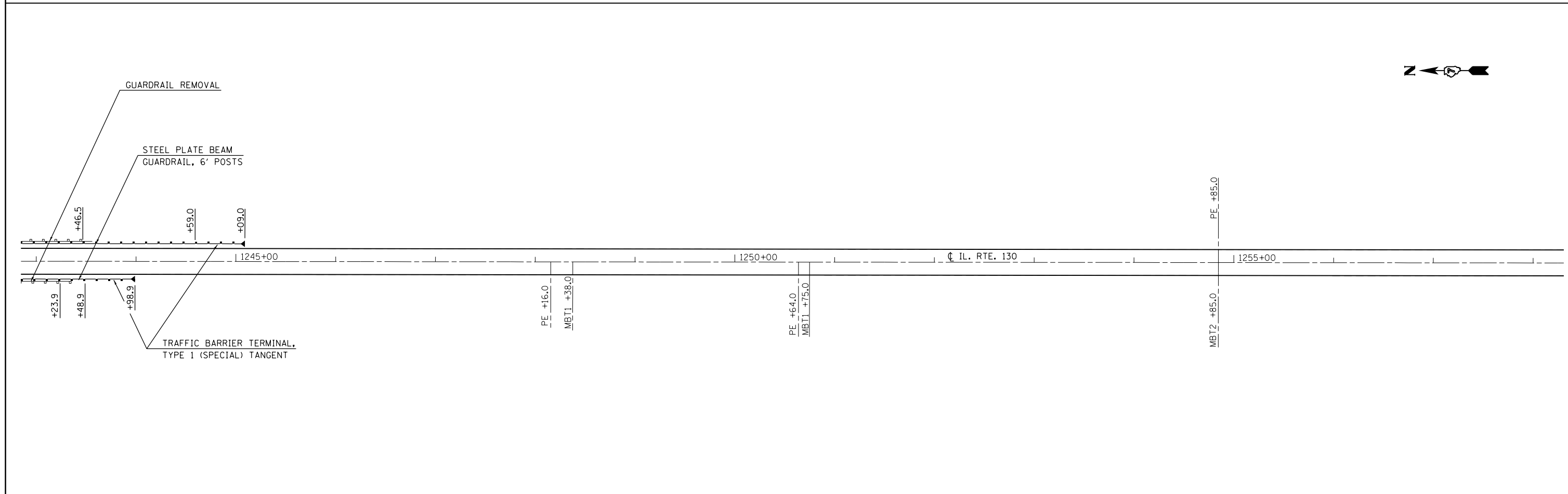
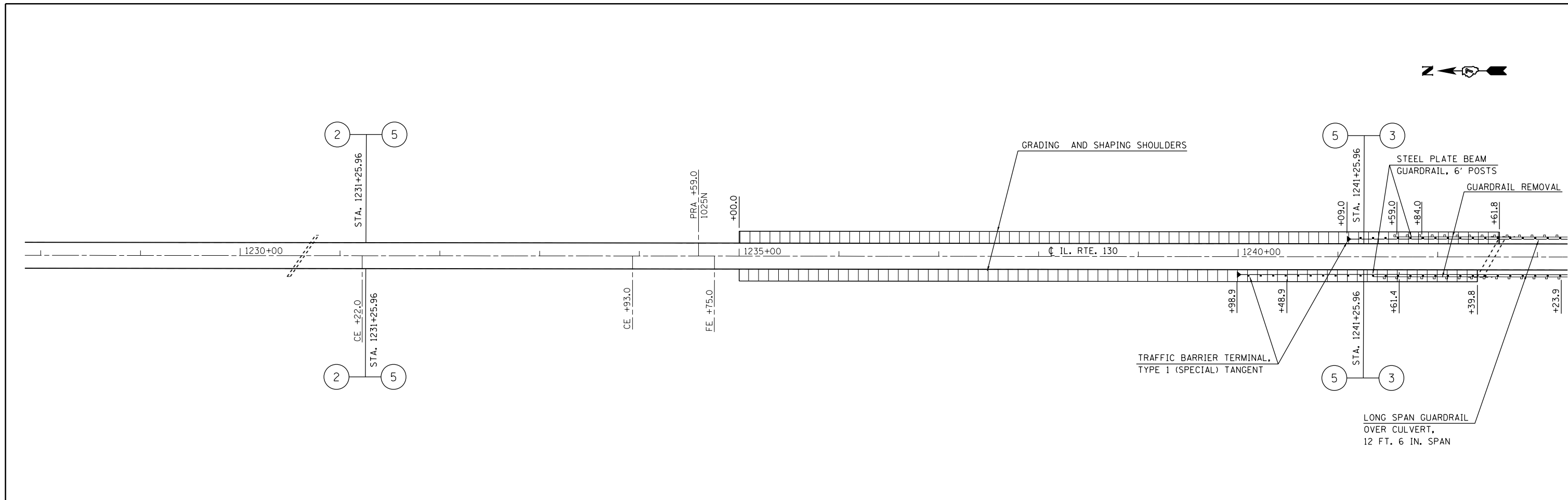
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

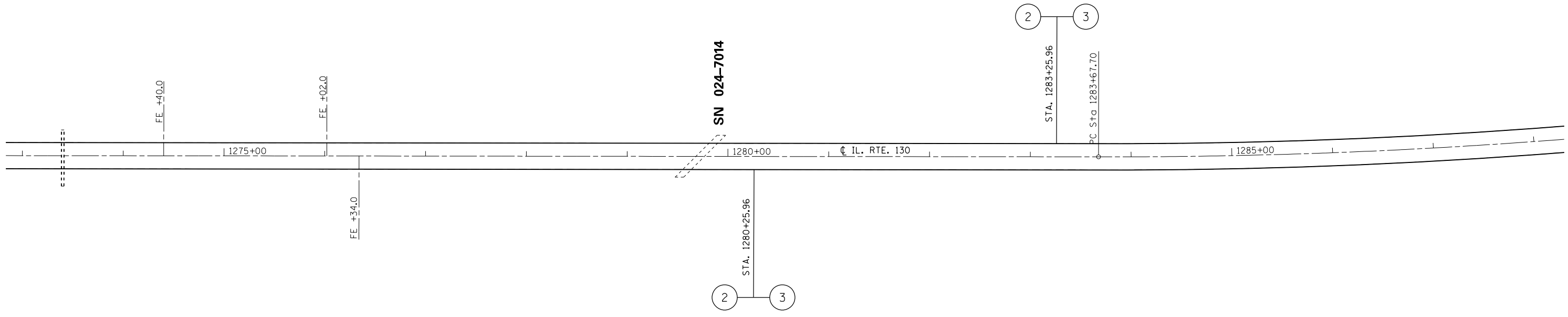
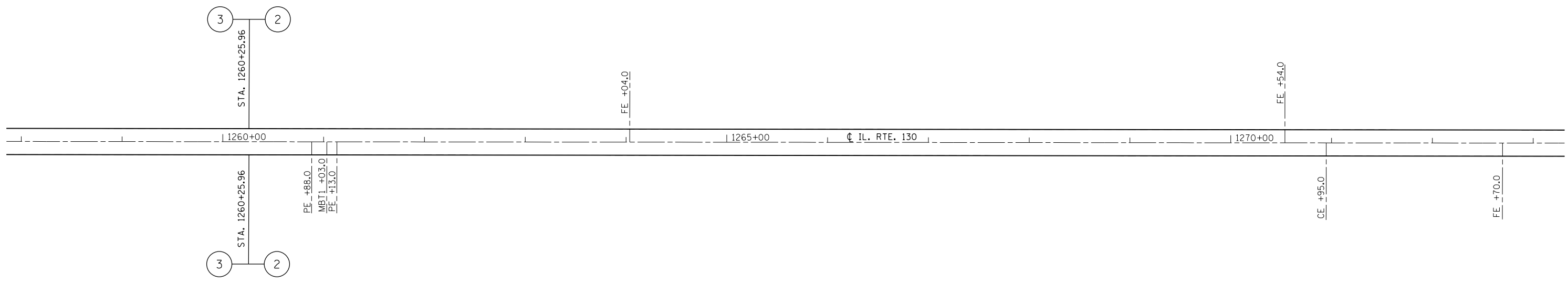
PLAN

SCALE: 50 SHEET 20 OF 23 SHEETS STA. 1198+00 TO STA. 1228+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	42
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\dot\steffenmk\dms52759\d74247-sht-plan.dgn	74247-sht-plan.dgn	DRAWN -	REVISED -			116	(126,127)RS-5	Edwards	51	43	
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 74247					
PLOT DATE = 3/23/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: 50	SHEET 21 OF 23 SHEETS	STA. 1228+00	TO STA. 1258+00				



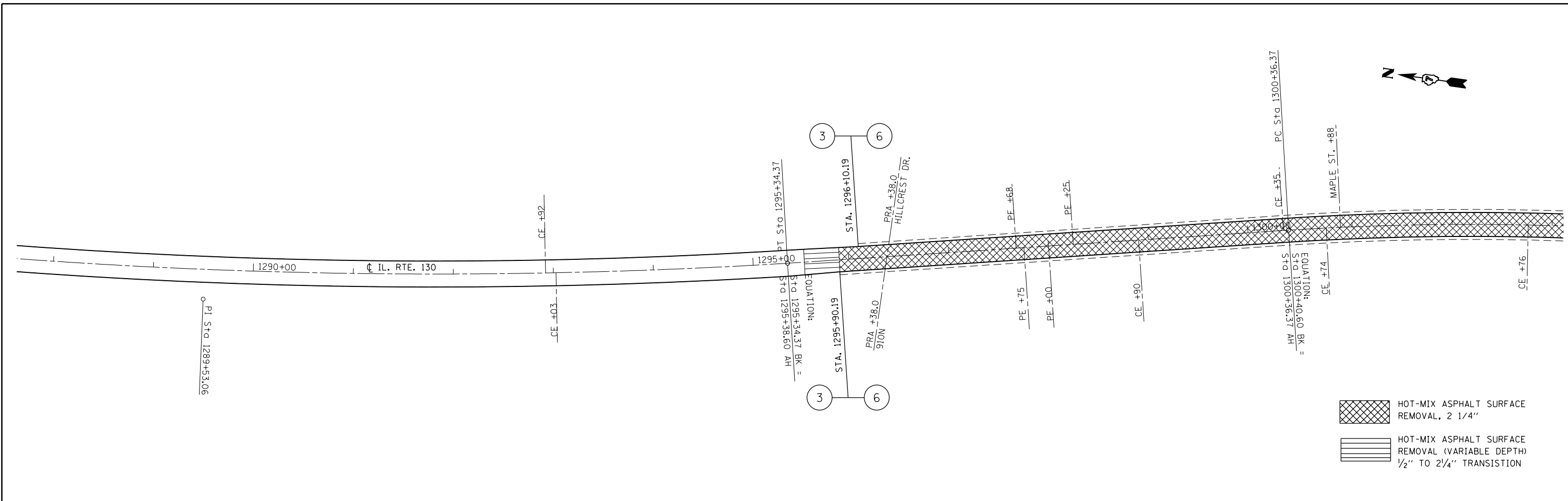
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	PLOT DATE = 3/23/2012	DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

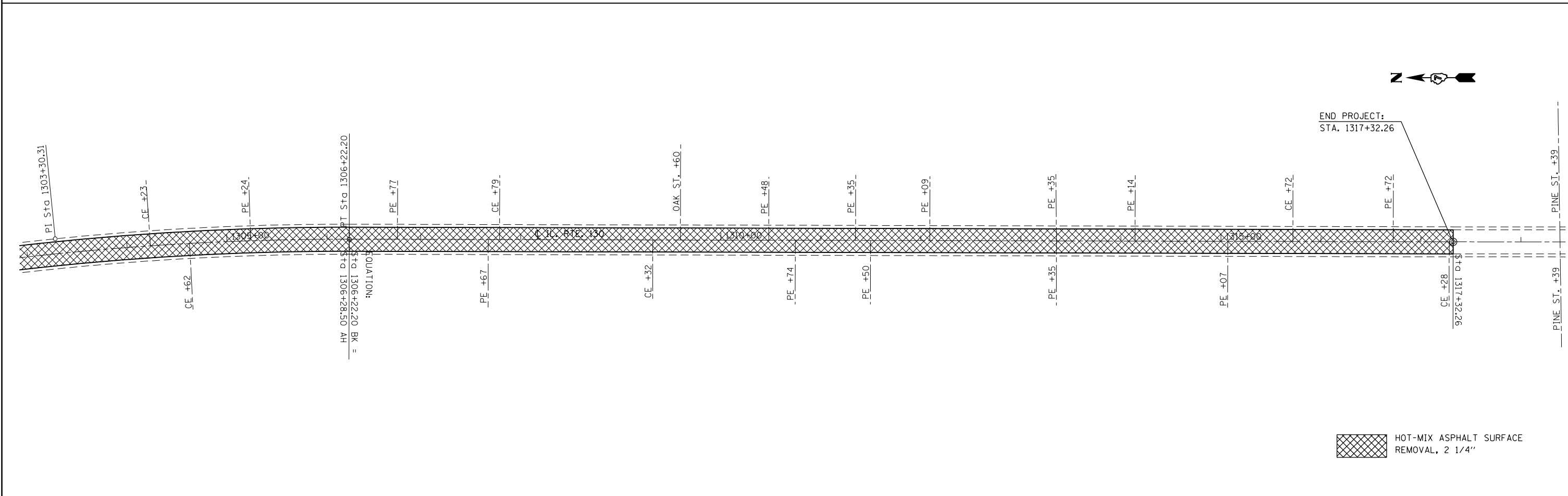
PLAN


SCALE: 50 SHEET 22 OF 23 SHEETS STA. 1258+00 TO STA. 1288+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	Edwards	51	44
CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT	



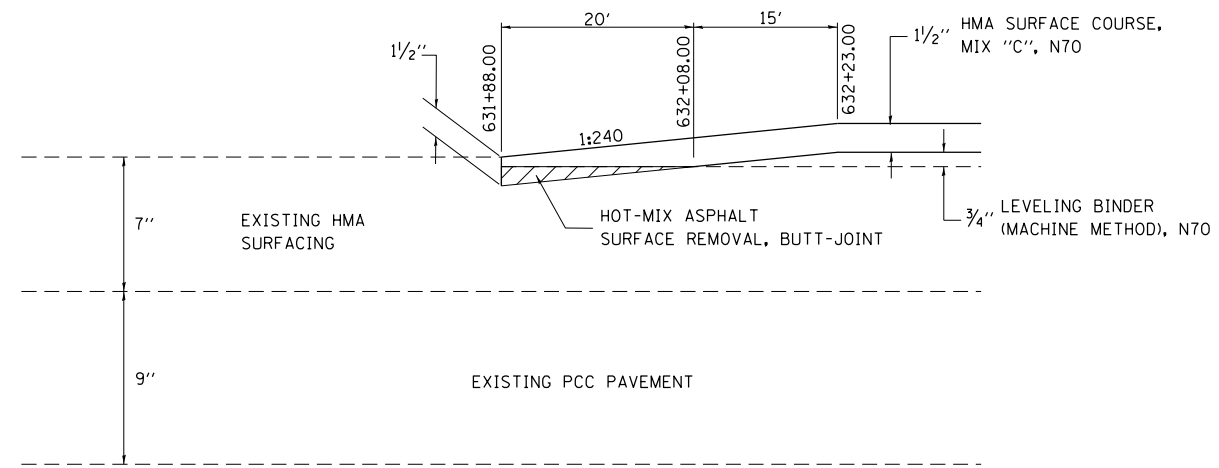
 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) 1/2" TO 2 1/4" TRANSITION



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

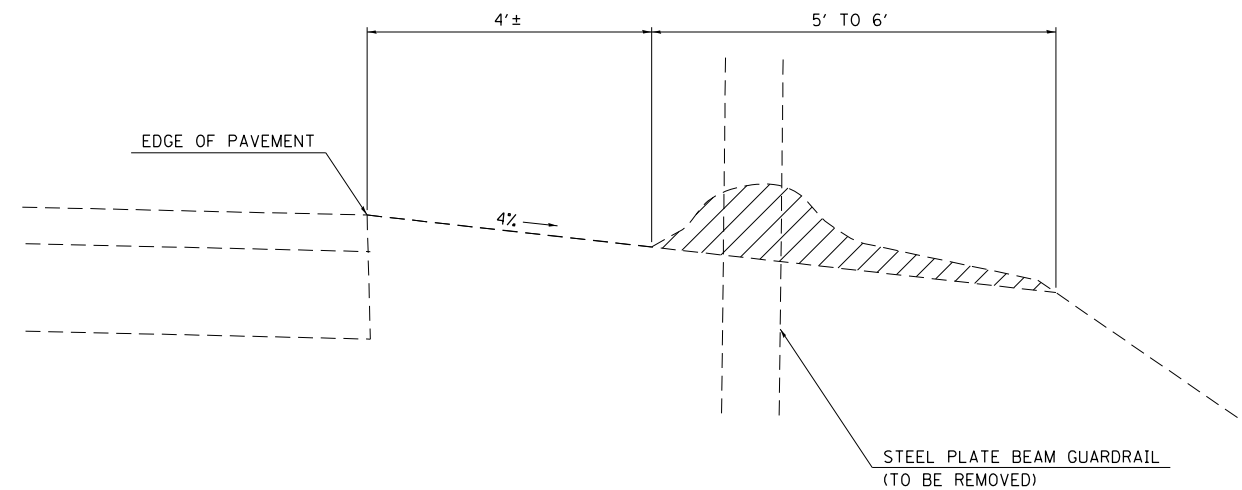
FILE NAME = c:\pw\work\p\dot\steffenmk\dms52759\d74247-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN			F.A.P. RTE. 116	SECTION (126,127)RS-5	COUNTY Edwards	TOTAL SHEETS 51	SHEET NO. 45
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: 50	SHEET 23 OF 23 SHEETS	STA. 1288+00 TO STA. 1317+32.26	CONTRACT NO. 74247				
PLOT DATE = 3/23/2012	DATE -	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

BUTT-JOINT DETAIL

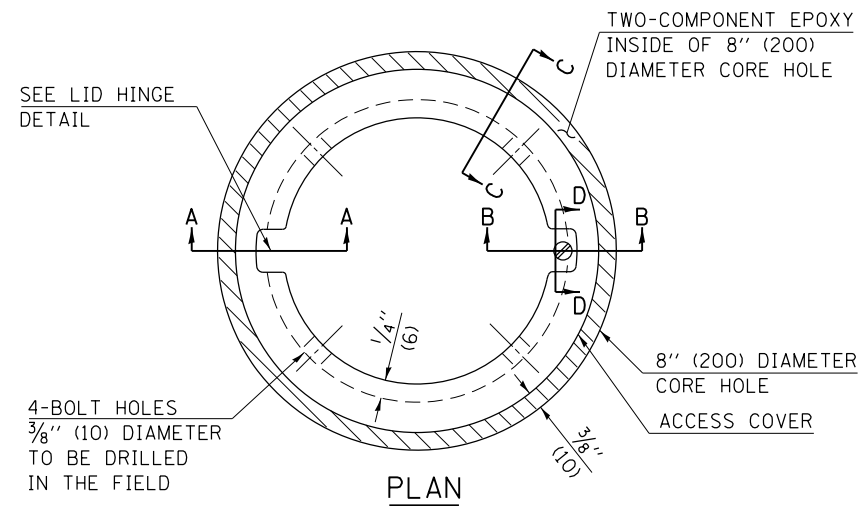


GRADING AND SHAPING EXISTING SHOULDER

STA. 1235+00.00 TO STA. 1242+50.00 RT./LT.

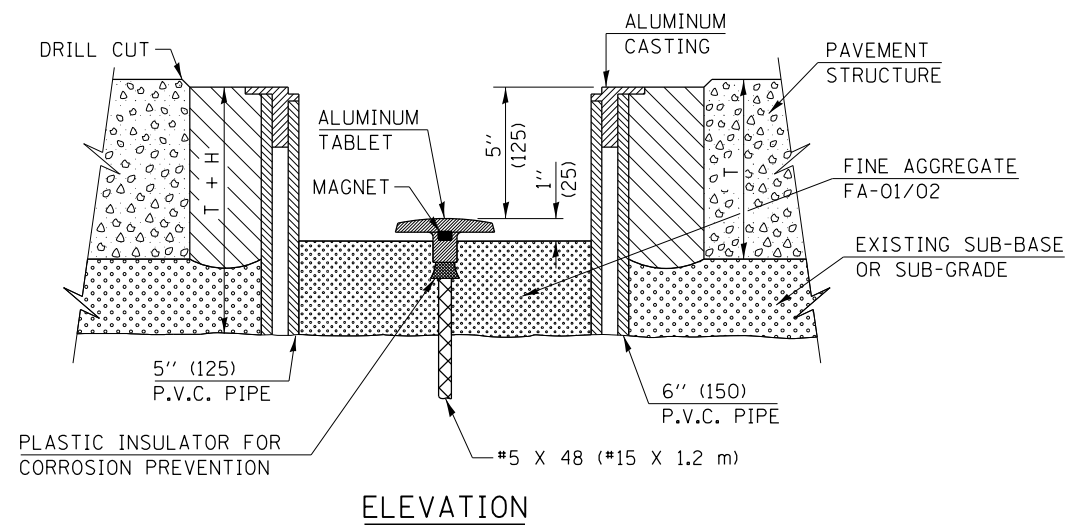
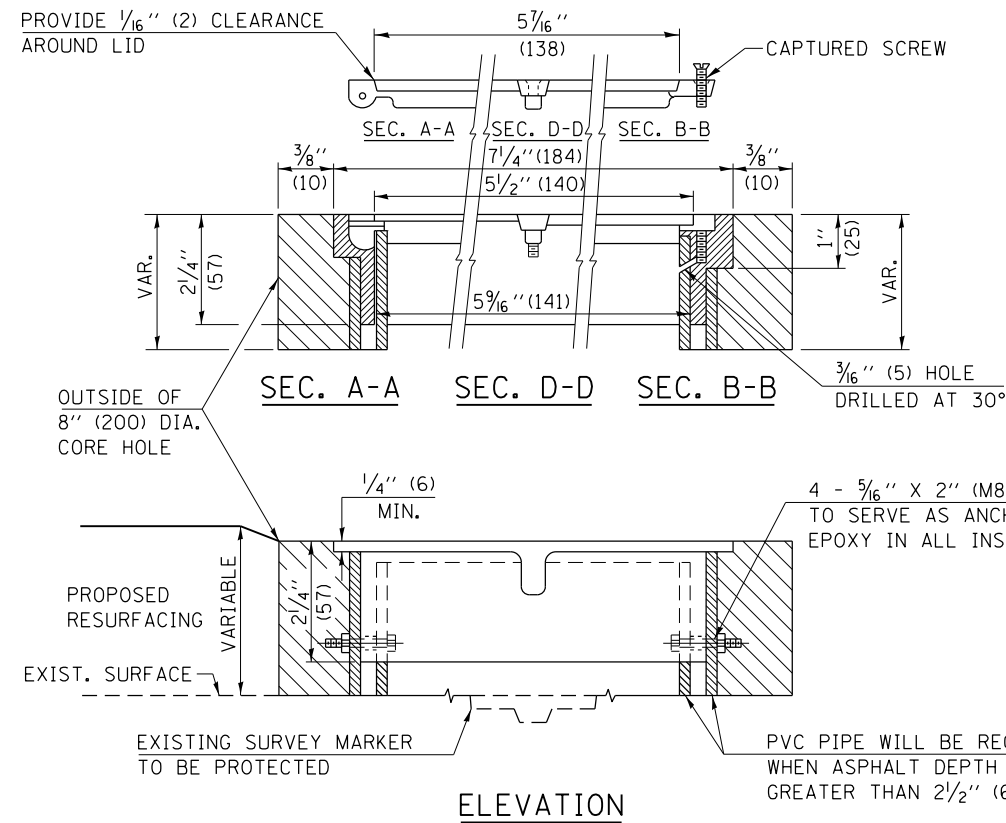
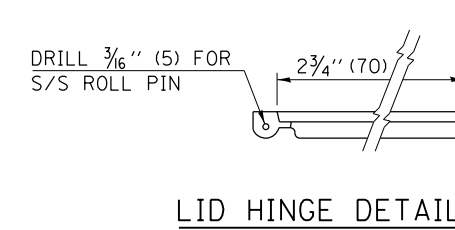
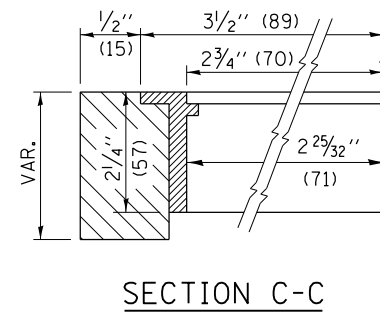


FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT-JOINT DETAIL GRADING AND SHAPING SHOULDER DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	74247-sht-details.dgn	DRAWN -	REVISED -			116	(126,127)RS-5	EDWARDS	51	46	
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 74247					
	PLOT DATE = 3/23/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: NA		SHEET 1 OF 6 SHEETS		STA. TO STA.			



- LEGEND**
- ALUMINUM CASTING
 - 5" (125) OR 6" (150) P.V.C. PIPE
 - TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)

BILL OF MATERIAL	
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS,	
4 EACH - $\frac{5}{16}$ " X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY,	
5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).	



EXISTING SURVEY MARKER

PROPOSED SURVEY MARKER

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

DISTRICT 7 DETAIL NO. Z0070202

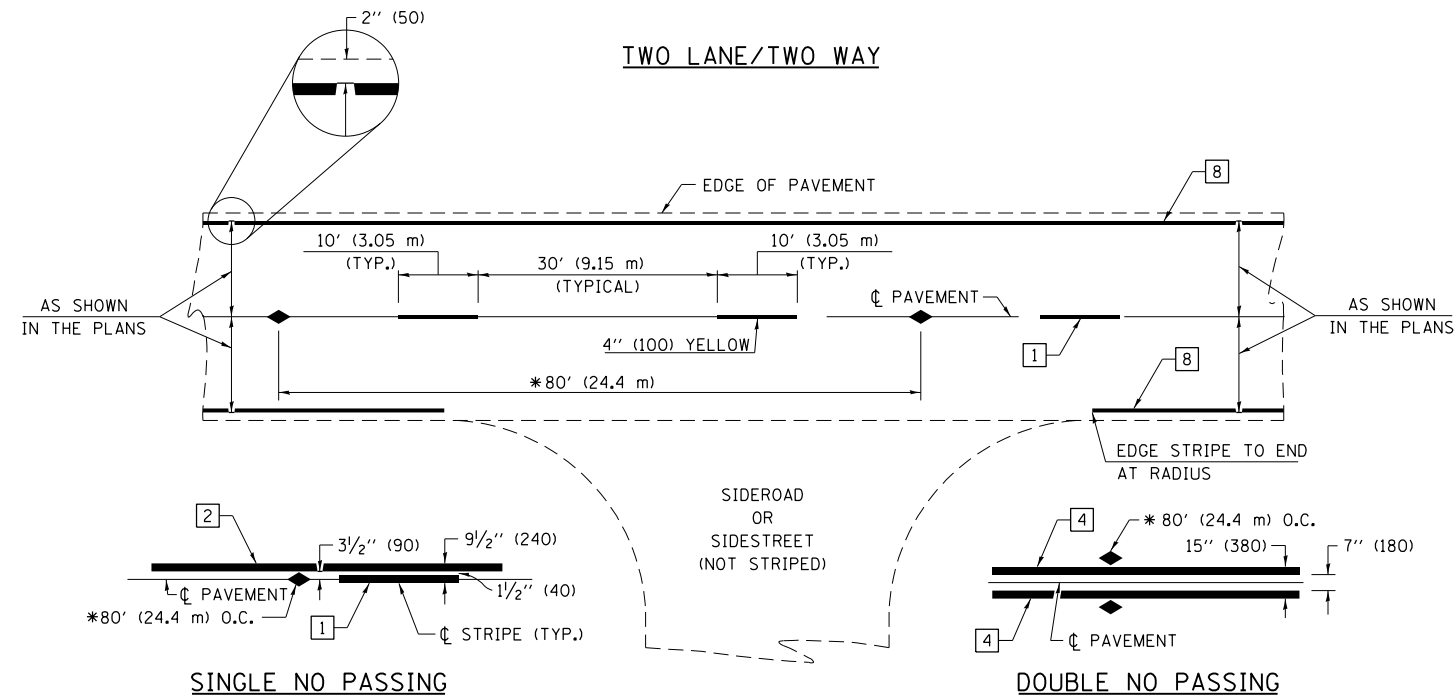
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED - MAD 6-11
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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 3/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SURVEY MARKER VAULT

SCALE: NA SHEET NO. 2 OF 6 SHEETS STA. TO STA.

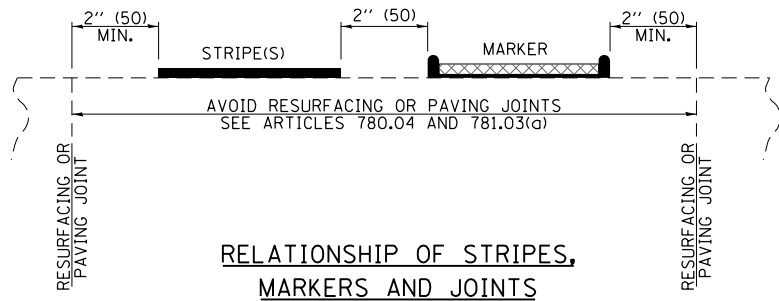
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	47
CONTRACT NO. 74247				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

PAVEMENT MARKING LEGEND

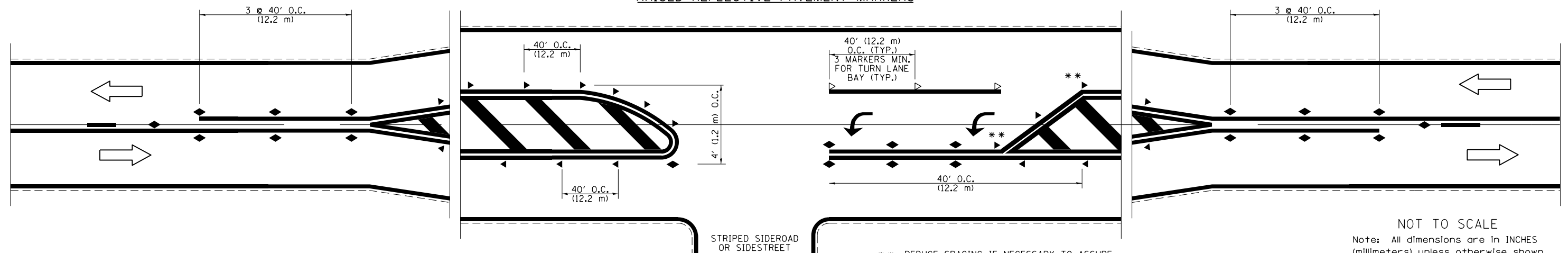
- 1 4" (100) SKIP-DASH (YELLOW)
 - 2 4" (100) SOLID (YELLOW)
 - 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 5 12" (300) SOLID WHITE
 - 6 RESERVED
 - 7 6" (150) SKIP-DASH (WHITE)
 - 8 4" (100) SOLID (WHITE)
 - 9 12" (300) DIAGONAL (WHITE)
 - 10 6" (150) SOLID (WHITE)
 - 11 24"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

RAISED REFLECTIVE PAVEMENT MARKERS



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

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

DISTRICT 7 DETAIL NO. 7800001

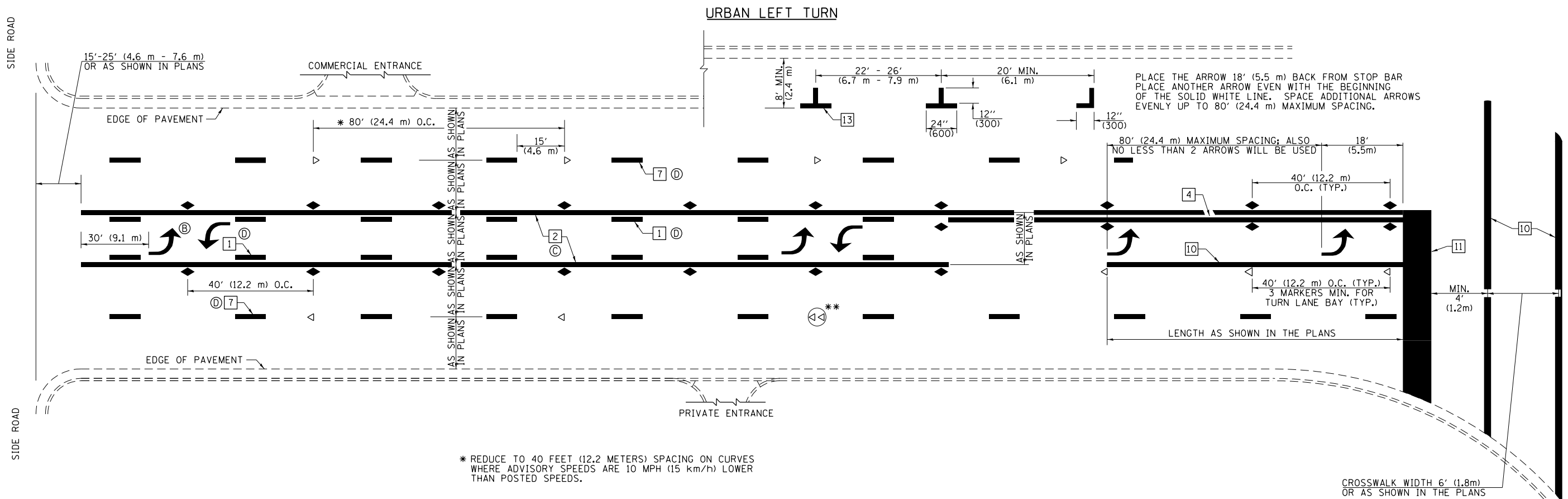
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ei:\pw\work\p\dot\stevfenmk\dms52759\d74247-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/23/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	48
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				



PLACE THE 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.

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

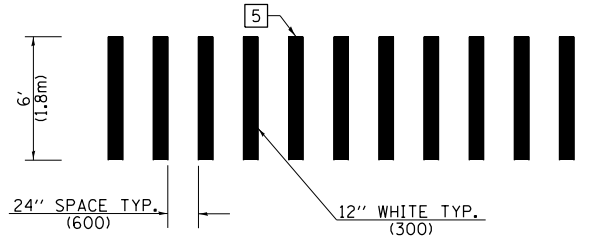
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

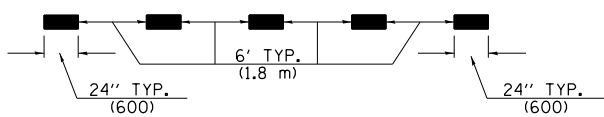
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

GENERAL NOTES

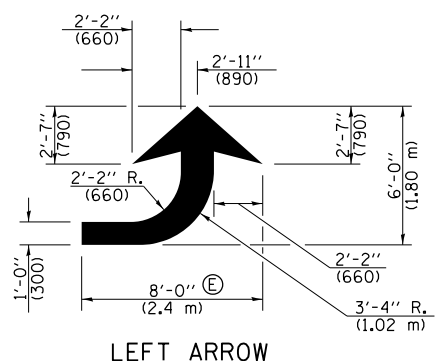
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT 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.



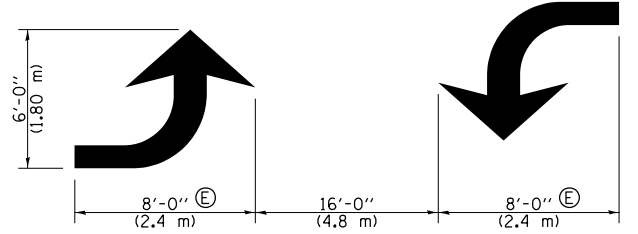
**CROSSWALK DETAIL
 (DECATUR CITY LIMITS ONLY)**



LANE LINE EXTENSIONS



LEFT ARROW
 REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m²)
 (WHITE)

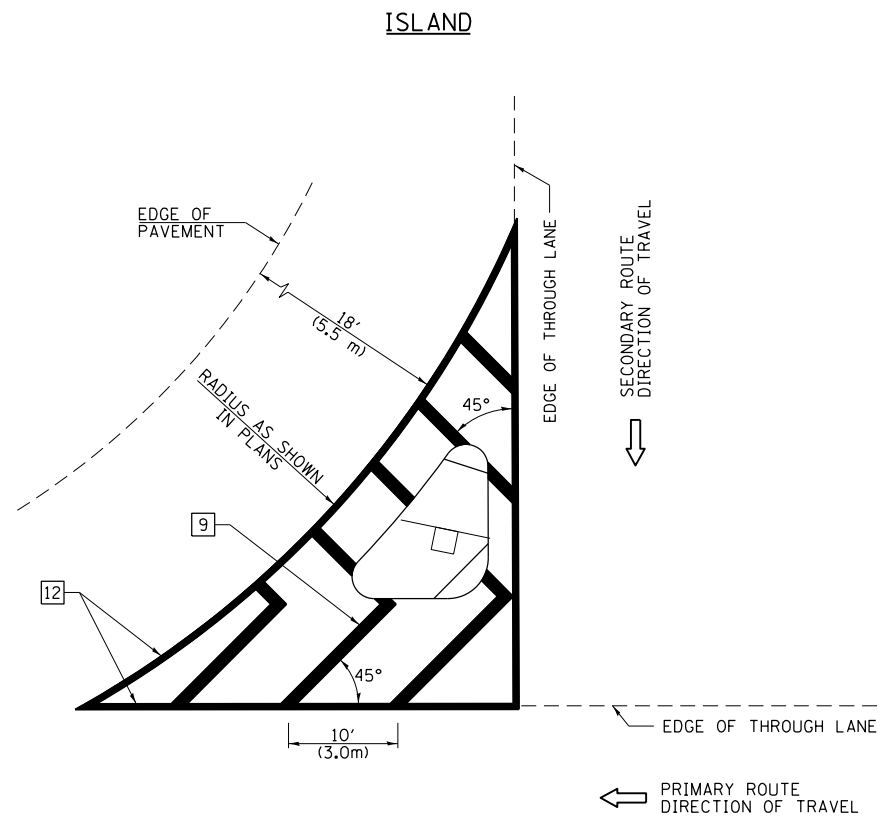


**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

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 -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\stevfenmk\dms52759\d74247-sht-details.dgn	PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -				116	(126,127)RS-5	EDWARDS	51	49
	PLOT DATE = 3/23/2012	CHECKED -	REVISED -		CONTRACT NO. 74247			ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -		SCALE: NA	SHEET NO. 4 OF 6 SHEETS	STA.	TO STA.			

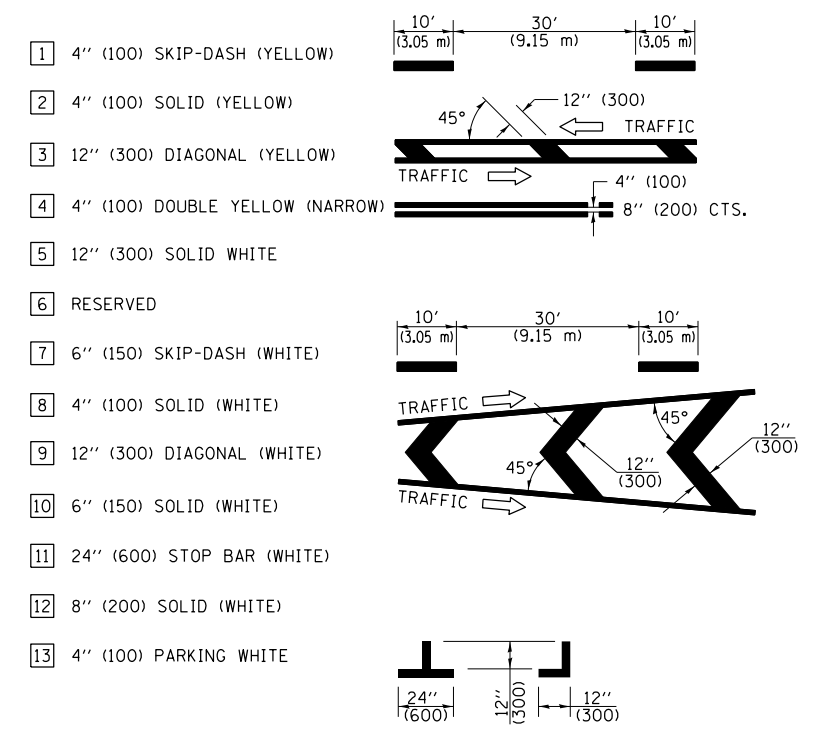


GENERAL NOTES

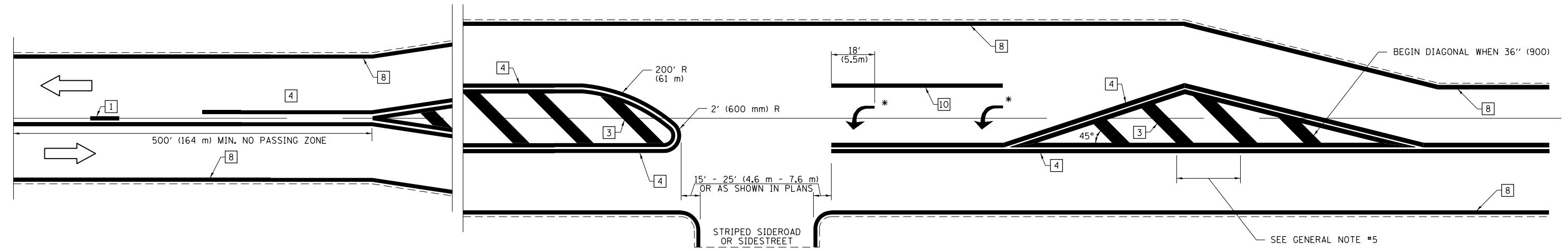
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING 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



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 -
ei:\pwork\pwork\stevfenmk\dms52759\d74247-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/23/2012	DATE -	REVISED -

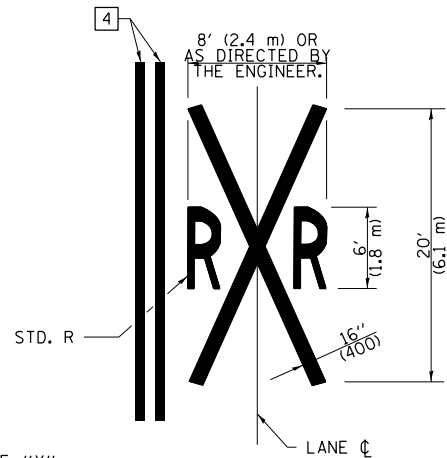
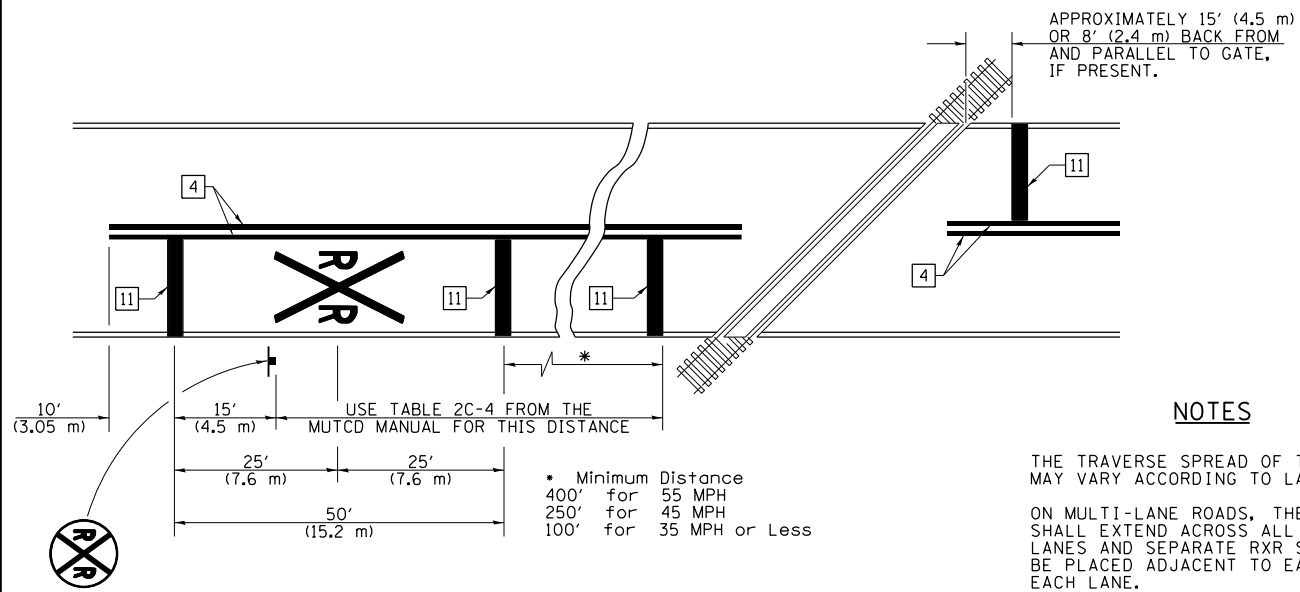
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	50
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

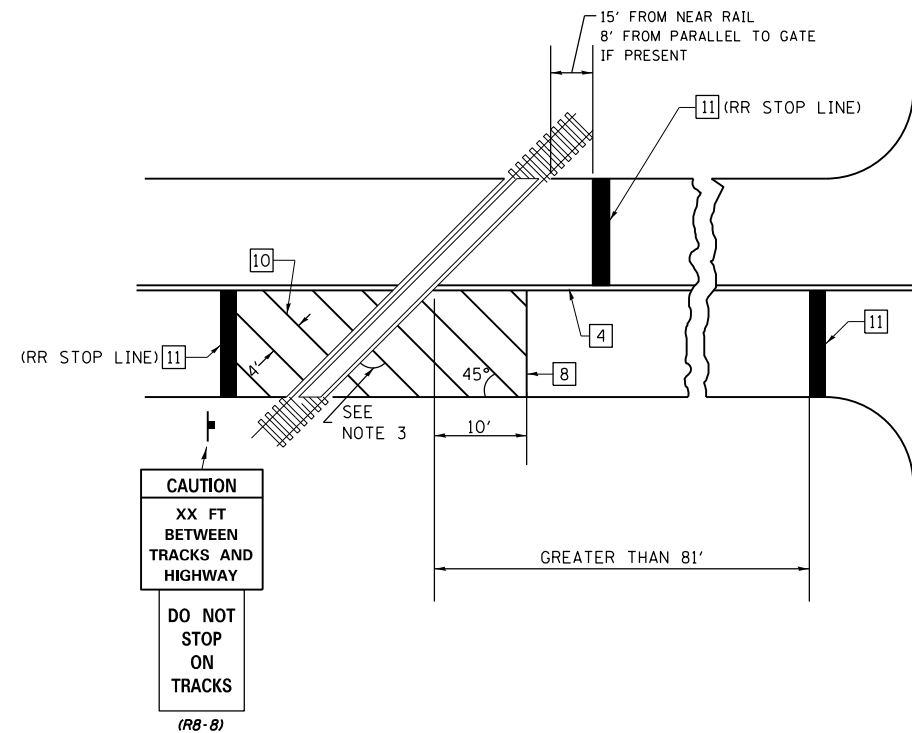
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

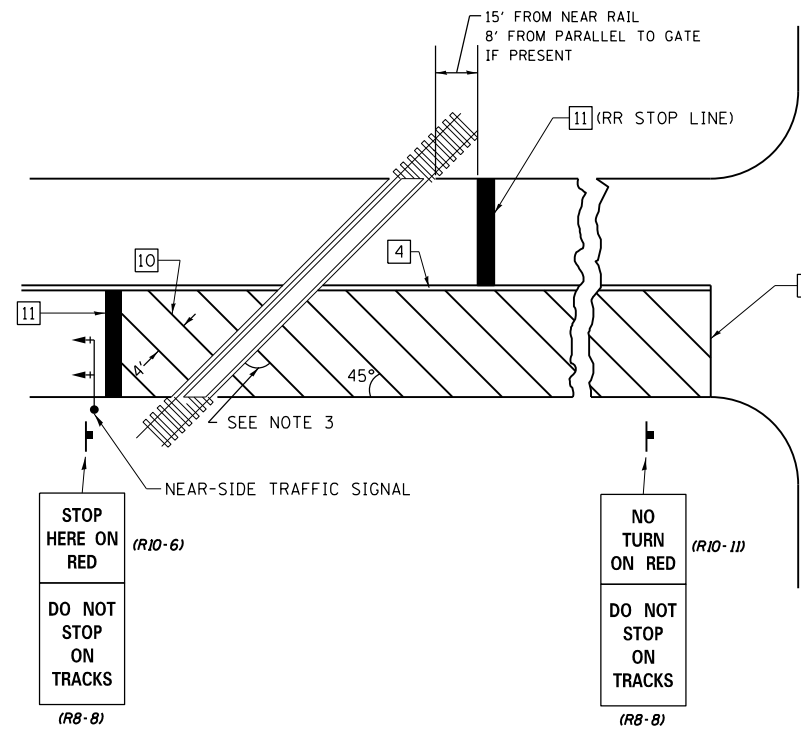
PAVEMENT MARKING LEGEND

- 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

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 -
ci:\pw\work\p\dot\stevfemk\dms52759\d74247-sht-details.dgn	74247-sht-details.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1" =		CHECKED -	REVISED -
PLOT DATE = 3/23/2012		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(126,127)RS-5	EDWARDS	51	51
CONTRACT NO. 74247				
ILLINOIS FED. AID PROJECT				