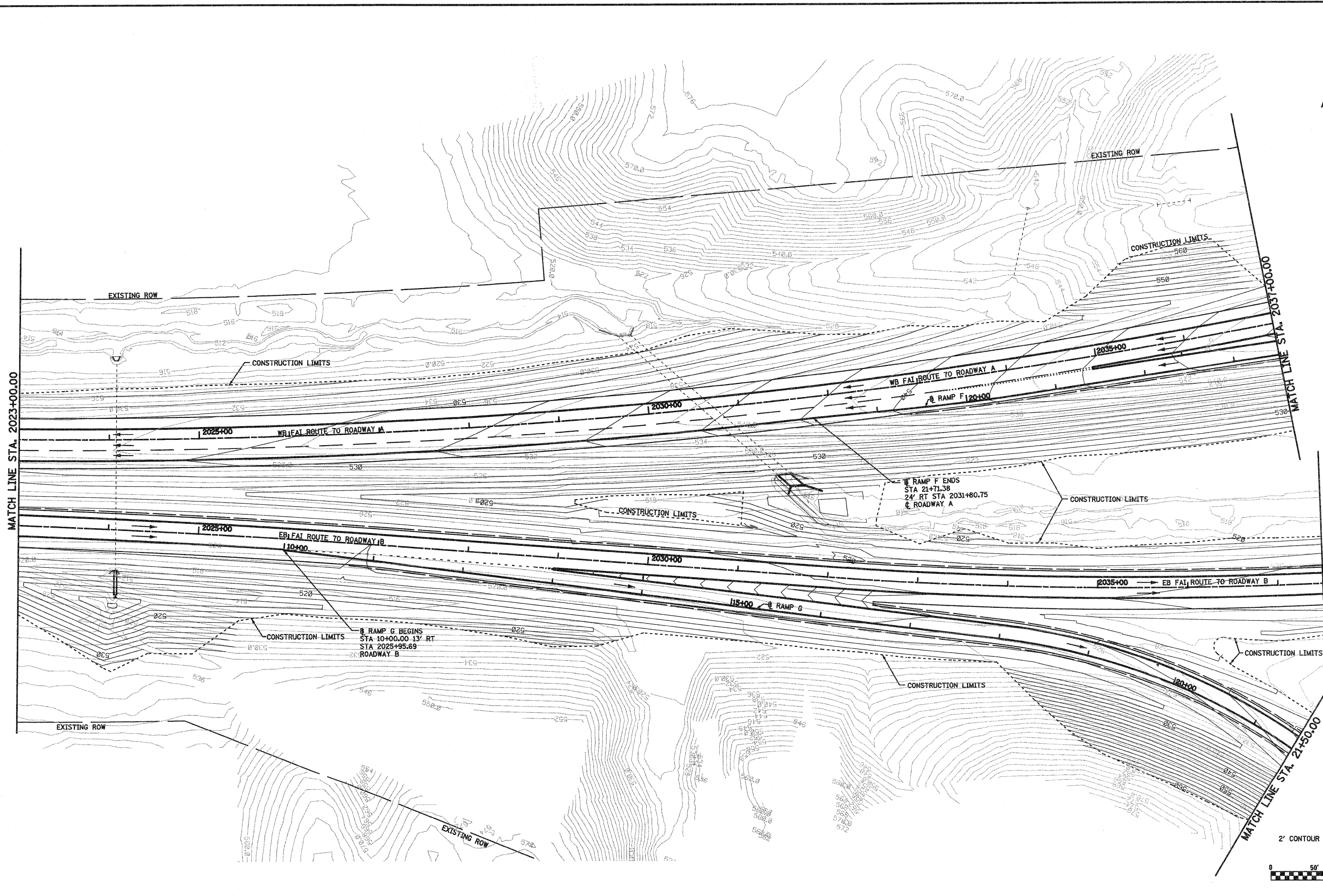


2' CONTOUR INTERVAL



FILE NAME = S:\projects\483-00072-57-70\plan\5. Top\grading\plan.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GRADING PLAN FAI-70</b>			F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 301
	PLOT SCALE = 1/80.0000' / IN.	DRAWN - PDB	REVISED -		SCALE: 1"=50'	SHEET NO. 2 OF 7 SHEETS	STA. 2009+00.00 TO STA. 2023+00.00	CONTRACT NO. 74296				
	PLOT DATE = 2/11/2010	CHECKED - BRM	REVISED -									
		DATE - 3-04-08	REVISED -									



MATCH LINE STA. 2023+00.00

MATCH LINE STA. 2031+00.00

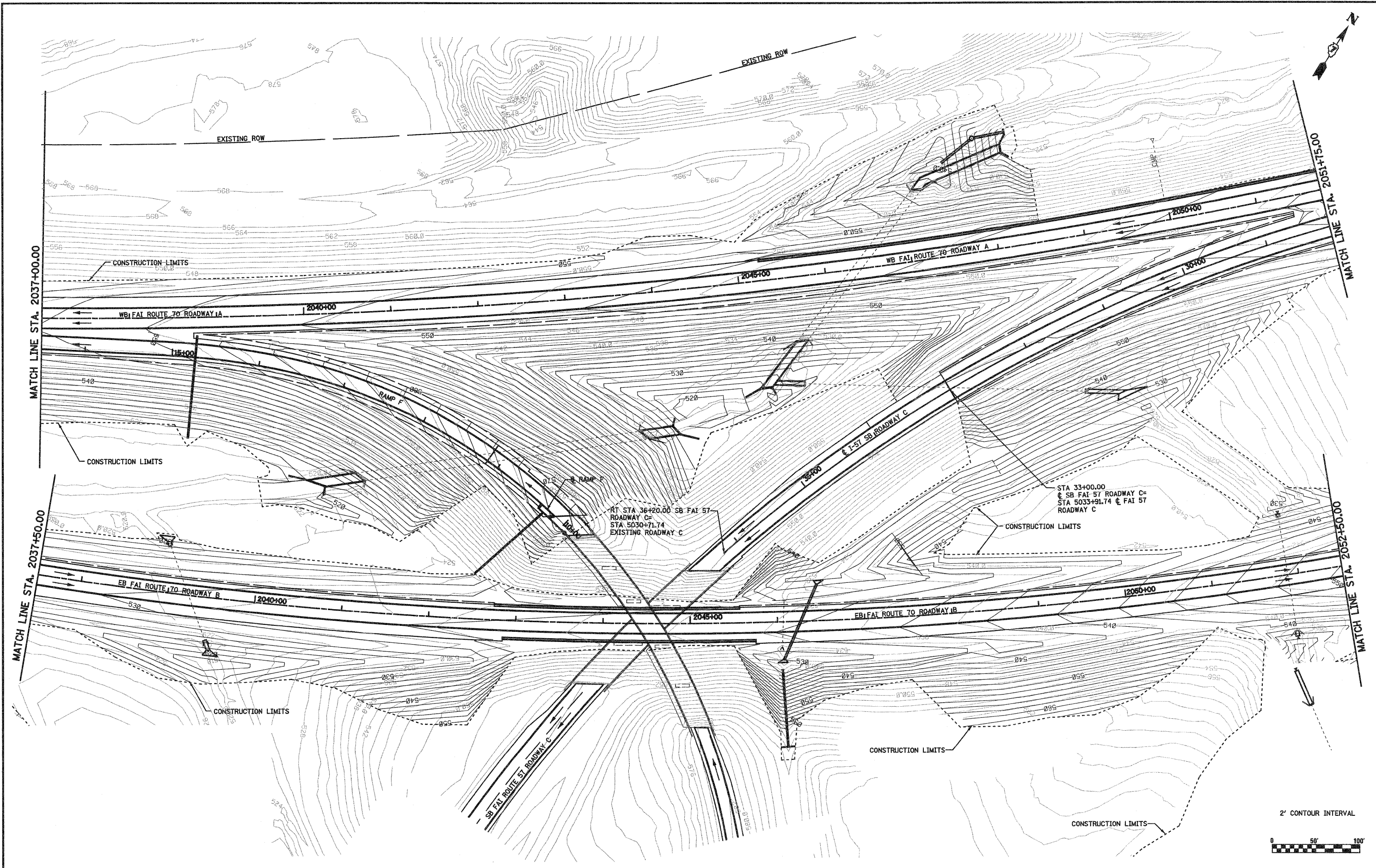
MATCH LINE STA. 2037+50.00

MATCH LINE STA. 21+50.00

2' CONTOUR INTERVAL



FILE NAME = S:\projects\143\143\72-57-70\dwg\5_Trd\gradingplan.dwg	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GRADING PLAN FAI-70</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/80.0000' / IN.	DRAWN - PDB	REVISED -					57/70	(25-3)R	EFFINGHAM	1416	302
PLOT DATE = 2/11/2010	CHECKED - BRM	REVISED -	REVISED -		SCALE: 1"=50'			SHEET NO. 3 OF 7 SHEETS			STA. 2023+00.00 TO STA. 2037+50.00	
DATE - 3-04-08	REVISED -	REVISED -	REVISED -		FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		CONTRACT NO. 74296		



FILE NAME =  
 S:\projects\MS-88872-57\70\plan\57\grading plan.dwg

USER NAME = paul  
 PLOT SCALE = 1/8"=1'-0"  
 PLOT DATE = 2/11/2010

DESIGNED - JWS  
 DRAWN - PDB  
 CHECKED - BRM  
 DATE - 3-04-08

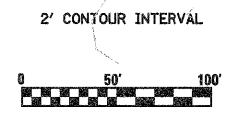
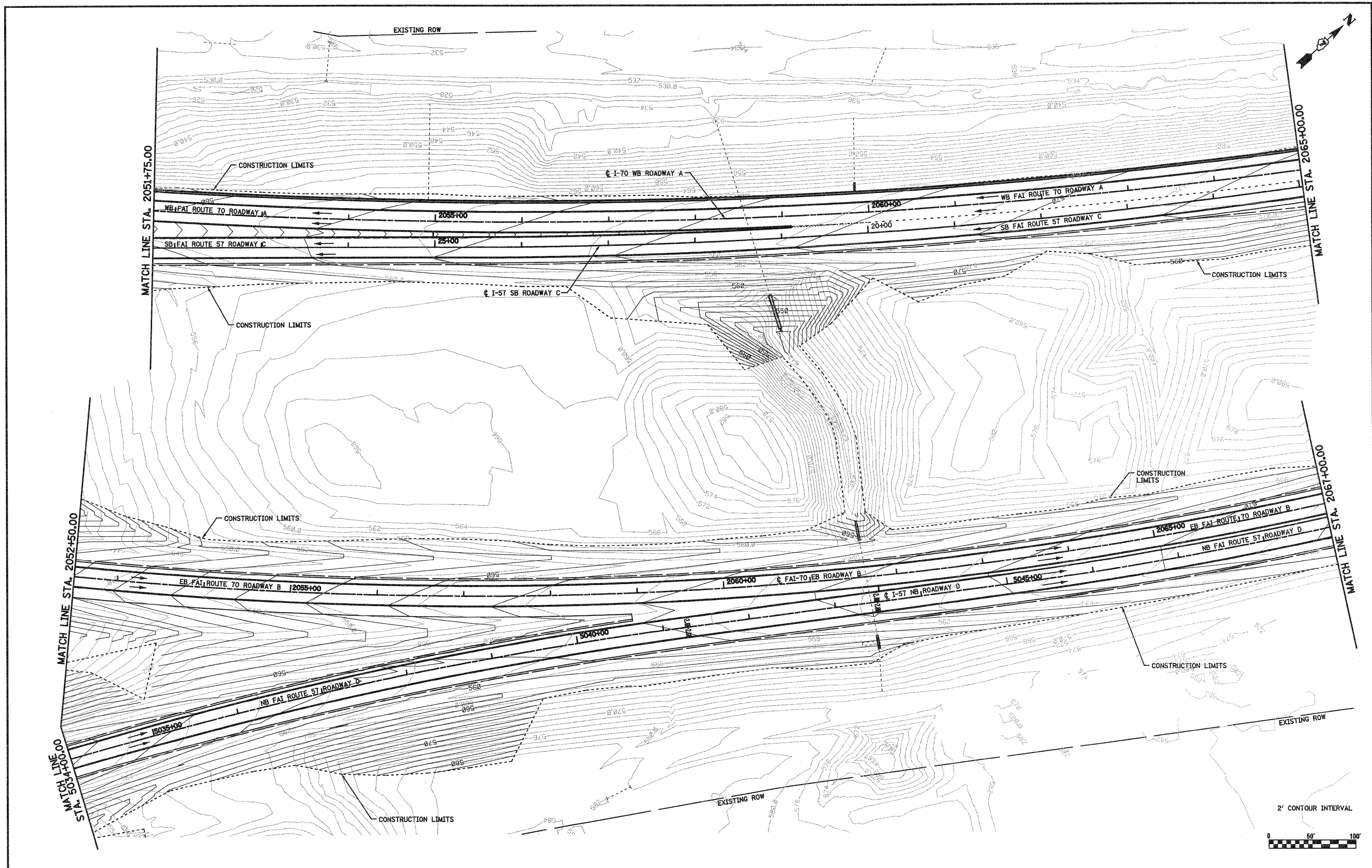
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

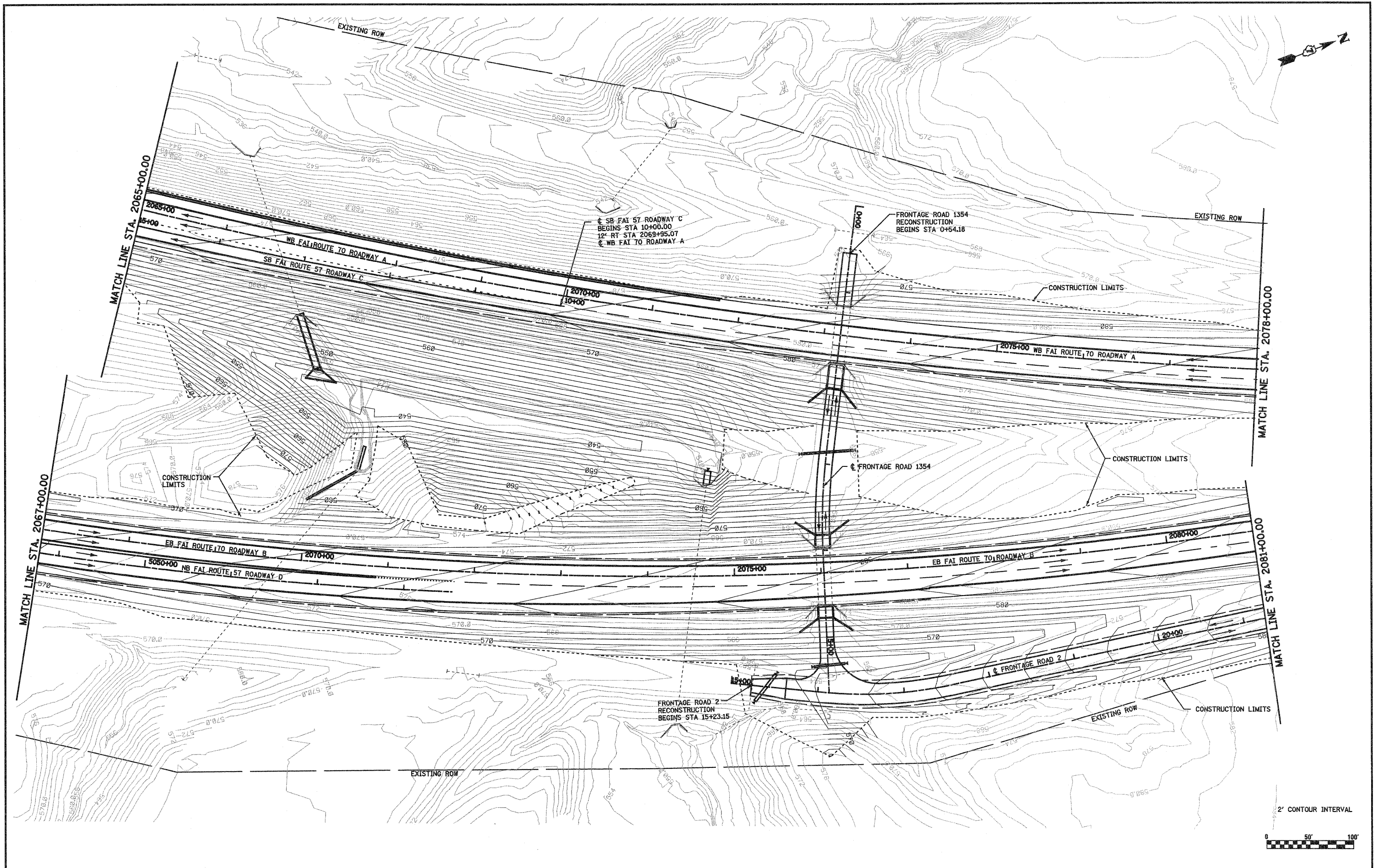
**GRADING PLAN FAI-57/70**

SCALE: 1"=50'    SHEET NO. 4 OF 7 SHEETS    STA. 2037+50.00 TO STA. 2052+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3)R	EFFINGHAM	1416	303
CONTRACT NO. 74296				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



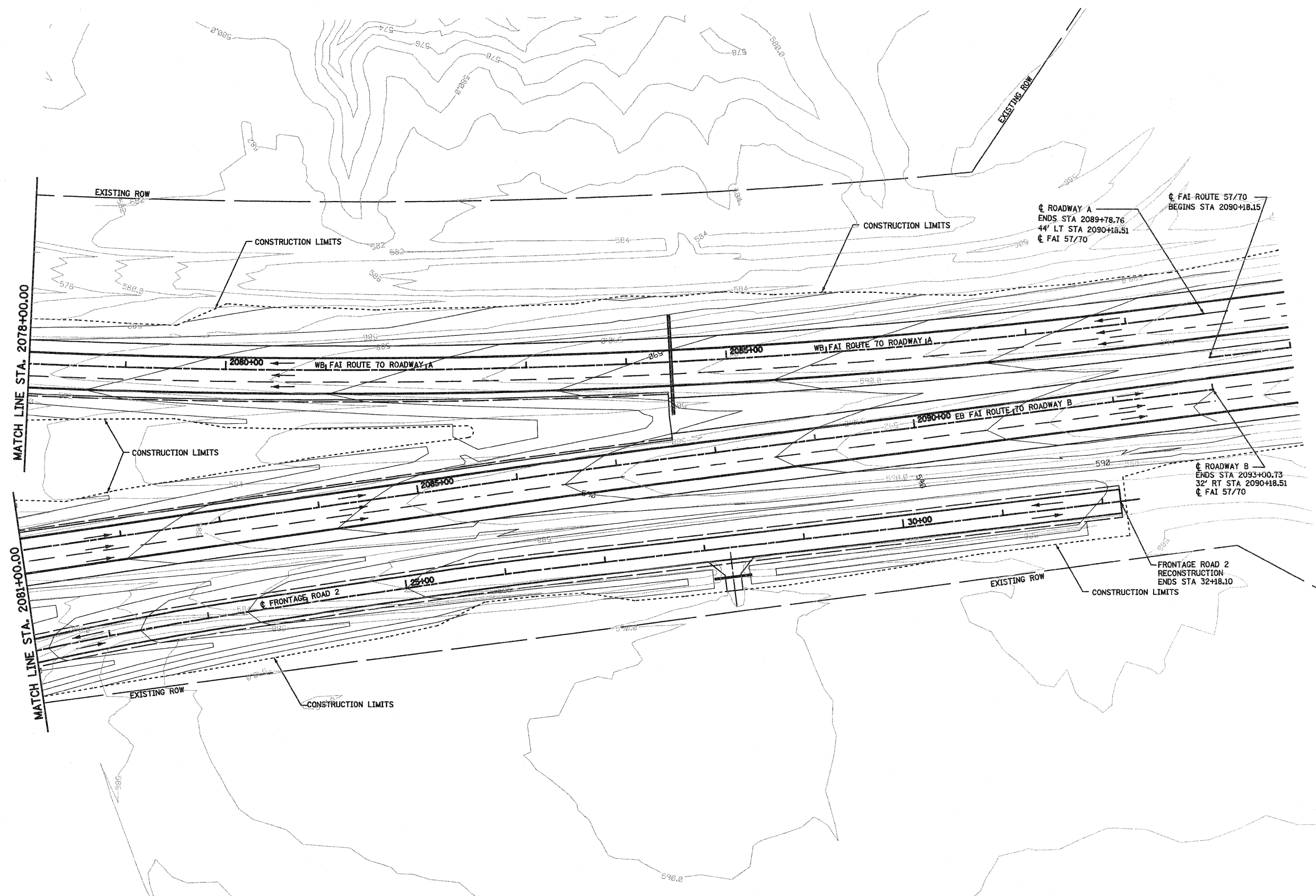
FILE NAME = S:\projects\03-0002-57-70\gradg\gradg.plt	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GRADING PLAN FAI-57/70</b>			F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 304
PLOT SCALE = 1/80.0000' / IN.		CHECKED - BRM	REVISED -		SCALE: 1"=50'	SHEET NO. 5 OF 7 SHEETS	STA. 2052+50.00 TO STA. 2067+00.00	CONTRACT NO. 74296				
PLOT DATE = 2/11/2010		DATE - 3-04-08	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



2' CONTOUR INTERVAL



FILE NAME = S:\Projects\400\88822\57\70\grd\grading.plandwg	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GRADING PLAN FAI-5770</b>			F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 305
	PLOT SCALE = 1/8"=20' / IN.	DRAWN - PDB	REVISED -		SCALE: 1"=50'	SHEET NO. 6 OF 7 SHEETS	STA. 2067+00.00 TO STA. 2081+00.00	CONTRACT NO. 74296				
	PLOT DATE = 2/11/2010	CHECKED - BRM	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 3-04-08	REVISED -									



MATCH LINE STA. 2078+00.00

MATCH LINE STA. 2081+00.00

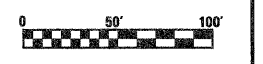
☉ ROADWAY A  
 ENDS STA 2089+78.76  
 44' LT STA 2090+18.51  
 ☉ FAI 57/70

☉ FAI ROUTE 57/70  
 BEGINS STA 2090+18.15

☉ ROADWAY B  
 ENDS STA 2093+00.73  
 32' RT STA 2090+18.51  
 ☉ FAI 57/70

FRONTAGE ROAD 2  
 RECONSTRUCTION  
 ENDS STA 32+18.10

2' CONTOUR INTERVAL



FILE NAME =  
 S:\projects\483\0807257-78\p15\1\grading\plan.dgn

USER NAME = paul  
 PLOT SCALE = 100.0000' / IN.  
 PLOT DATE = 2/11/2010

DESIGNED - JWS  
 DRAWN - PDB  
 CHECKED - BRM  
 DATE - 3-04-08

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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

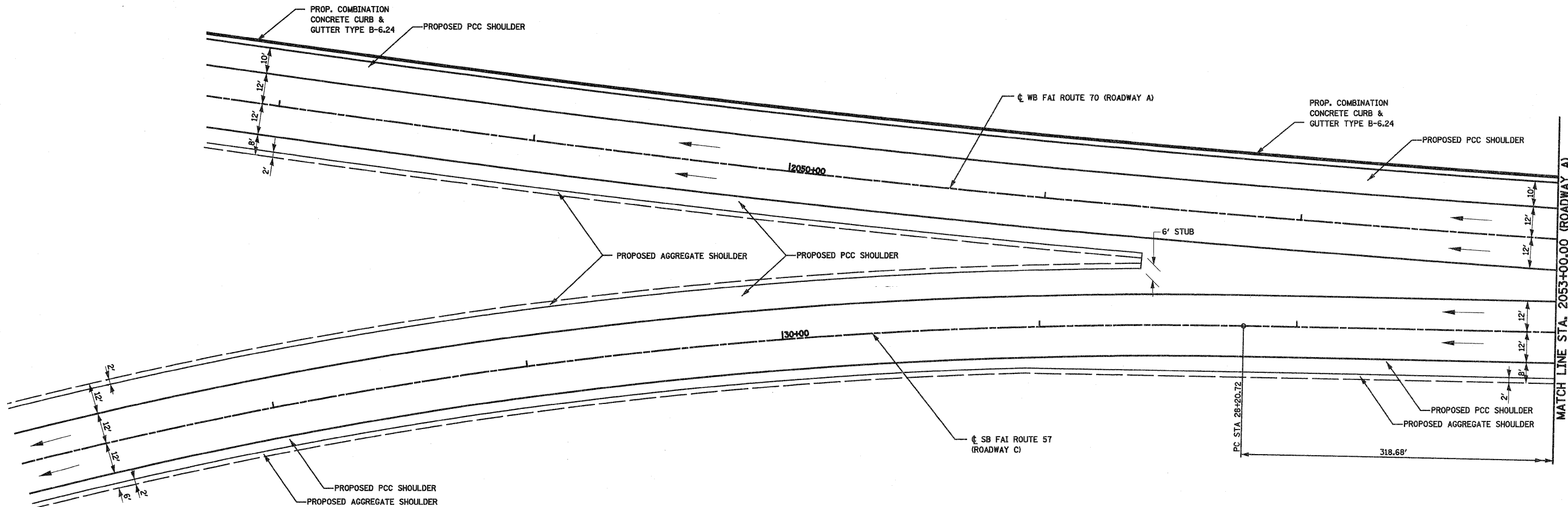
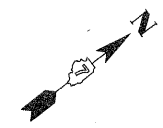
**GRADING PLAN FAI-57/70**

SCALE: 1"=50'    SHEET NO. 7 OF 7 SHEETS    STA. 2081+00.00 TO STA. 2091+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3)R	EFFINGHAM	1416	306
CONTRACT NO. 74296				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

**PROP. ROADWAY A CURVE C20**  
 PI STA. = 2059+30.08  
 $\Delta = 55^\circ 59' 40''$  (LT)  
 $D = 0^\circ 50' 35''$   
 $R = 6,796.00'$   
 $T = 3,613.08'$   
 $L = 6,641.65'$   
 $E = 900.75'$   
 $e = 2.90\%$   
 $T.R. = 45.00'/56.25'$   
 $S.E. RUN = 87.00'/108.75'$   
 $P.C. STA. = 2023+17.00$   
 $P.T. STA. = 2089+58.65$   
 SE ATTAINED STA. 2022+14.00  
 TO STA 2023+46.00 (1.50% TO 2.90%)  
 SE REMOVED STA. 2089+22.40  
 TO STA 2091+27.15 (2.90% TO 1.50%)

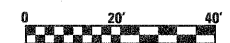
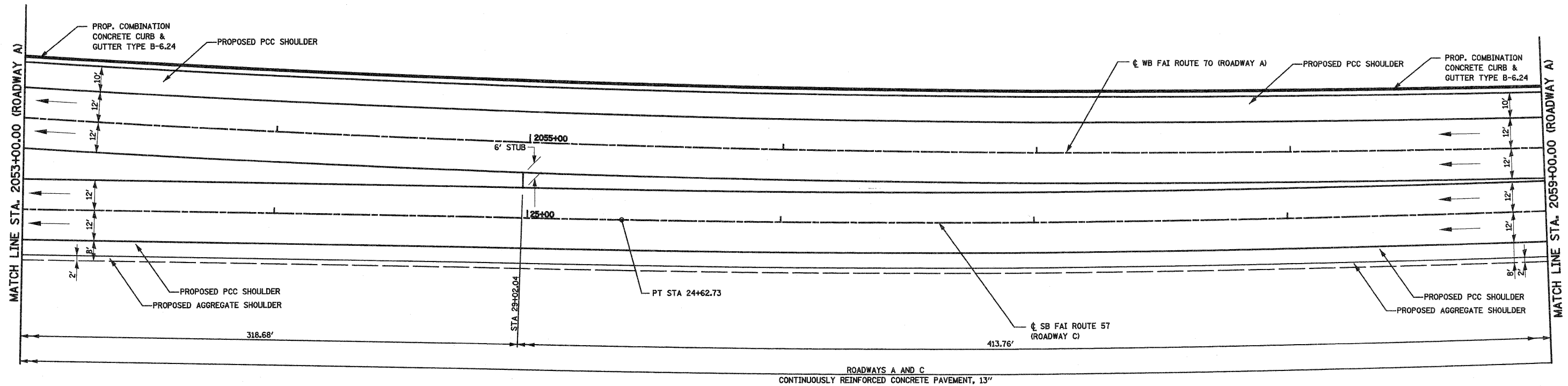
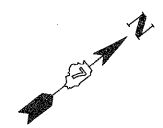
**PROP. ROADWAY C CURVE C43**  
 PI STA. = 22+51.31  
 $\Delta = 3^\circ 38' 37''$  (RT)  
 $D = 0^\circ 51' 41''$   
 $R = 6,651.34'$   
 $T = 211.56'$   
 $L = 422.98'$   
 $E = 3.36'$   
 $P.C. STA. = 20+39.74$   
 $P.T. STA. = 24+62.73$



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERCHANGE RAMP TERMINAL DETAIL, SOUTH TRI LEVEL ROADWAY C</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SAProject\MS 0072.57\7/15/15\Drawings\plan		DRAWN - SGK	REVISED -					57/70	(25-3)R	EFFINGHAM	1416	307
		CHECKED - BRM	REVISED -					CONTRACT NO. 74296				
		DATE - 2-29-08	REVISED -					ILLINOIS FED. AID PROJECT				
PLOT SCALE = 48,0000' / IN.				SCALE: 1"=20'		SHEET NO. 1 OF 12 SHEETS		STA. 2048+00.00(A) TO STA. 2053+00.00(A)		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
PLOT DATE = 2/11/2010												

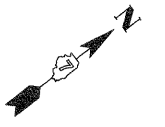
**PROP. ROADWAY A CURVE C20**  
 PI STA. = 2059+30.08  
 Δ = 55° 59' 40" (LT)  
 D = 0° 50' 35"  
 R = 6,796.00'  
 T = 3,613.08'  
 L = 6,641.65'  
 E = 900.75'  
 e = 2.90%  
 T.R. = 45.00'/56.25'  
 S.E. RUN = 87.00'/108.75'  
 P.C. STA. = 2023+17.00  
 P.T. STA. = 2089+58.65  
 SE ATTAINED STA. 2022+14.00  
 TO STA 2023+46.00 (1.50% TO 2.90%)  
 SE REMOVED STA. 2089+22.40  
 TO STA 2091+27.15 (2.90% TO 1.50%)

**PROP. ROADWAY C CURVE C43**  
 PI STA. = 22+51.31  
 Δ = 3° 38' 37" (RT)  
 D = 0° 51' 41"  
 R = 6,651.34'  
 T = 211.56'  
 L = 422.98'  
 E = 3.36'  
 P.C. STA. = 20+39.74  
 P.T. STA. = 24+62.73



FILE NAME = S:\projects\408\25-70\40825-70.dgn (S:\r\ar\ap\d\40825-70.dgn)	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERCHANGE RAMP TERMINAL DETAIL, SOUTH TRI LEVEL ROADWAY C</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 "/>											

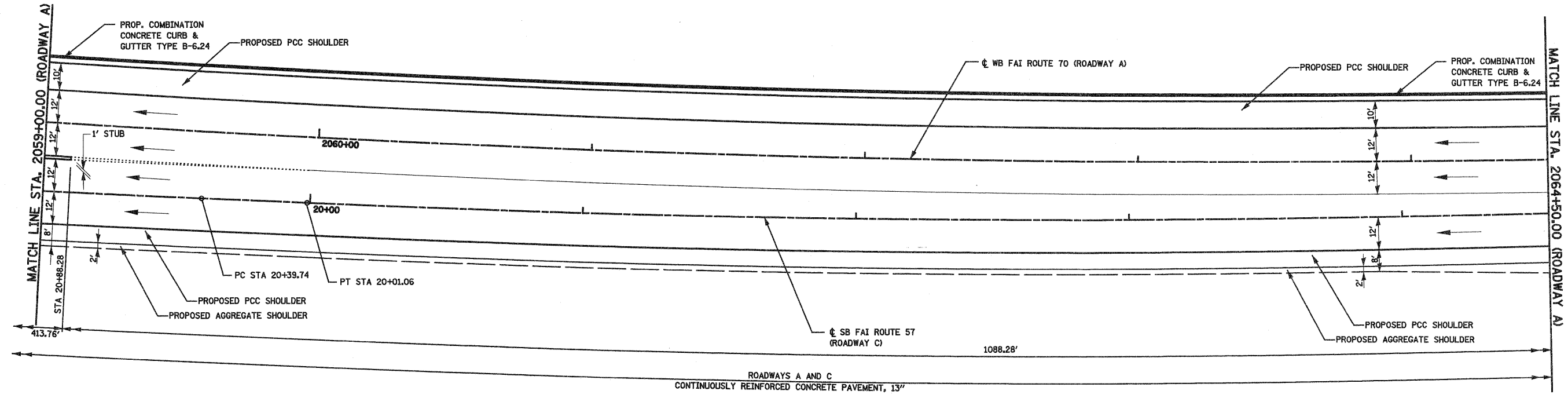




**PROP. ROADWAY A CURVE C20**  
 PI STA. = 2059+30.08  
 $\Delta = 55^\circ 59' 40''$  (L.T)  
 $D = 0^\circ 50' 35''$   
 $R = 6,796.00'$   
 $T = 3,613.08'$   
 $L = 6,641.65'$   
 $E = 900.75'$   
 $e = 2.90\%$   
 $T.R. = 45.00' / 56.25'$   
 $S.E. RUN = 87.00' / 108.75'$   
 P.C. STA. = 2023+17.00  
 P.T. STA. = 2089+58.65  
 SE ATTAINED STA. 2022+14.00  
 TO STA 2023+46.00 (1.50% TO 2.90%)  
 SE REMOVED STA. 2089+22.40  
 TO STA 2091+27.15 (2.90% TO 1.50%)

**PROP. ROADWAY C CURVE C46**  
 PI STA. = 15+17.42  
 $\Delta = 8^\circ 41' 49''$  (RT)  
 $D = 0^\circ 53' 51''$   
 $R = 6,384.82'$   
 $T = 485.50'$   
 $L = 969.14'$   
 $E = 18.43'$   
 $P.C. STA. = 10+31.92$   
 $P.T. STA. = 20+01.06$

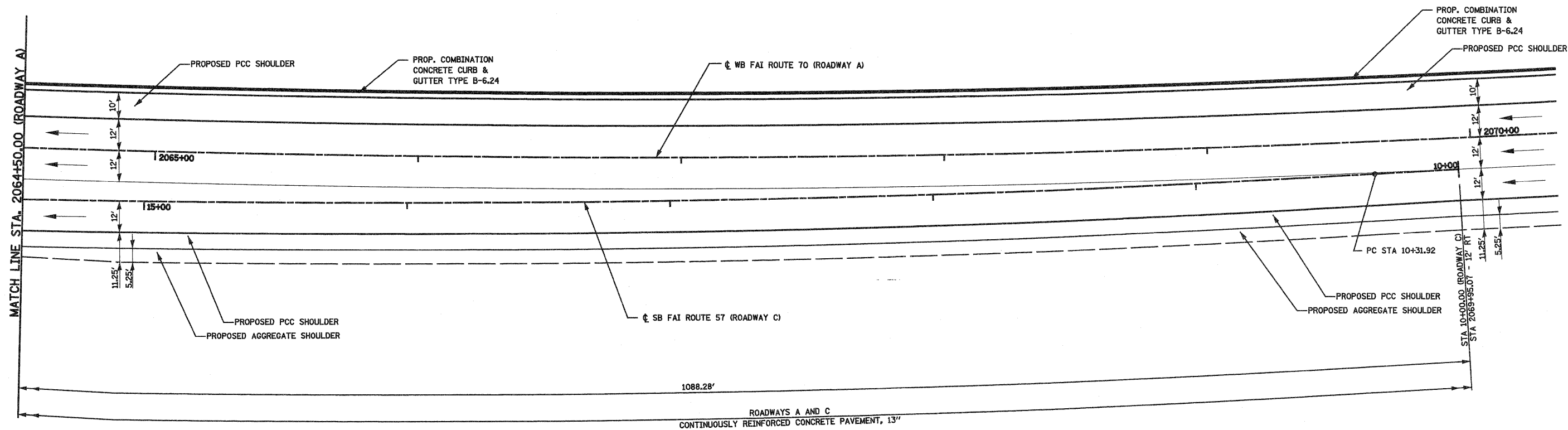
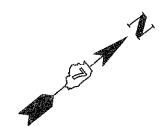
**PROP. ROADWAY C CURVE C43**  
 PI STA. = 22+51.31  
 $\Delta = 3^\circ 38' 37''$  (RT)  
 $D = 0^\circ 51' 41''$   
 $R = 6,651.34'$   
 $T = 211.56'$   
 $L = 422.98'$   
 $E = 3.36'$   
 $P.C. STA. = 20+39.74$   
 $P.T. STA. = 24+62.73$



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERCHANGE RAMP TERMINAL DETAIL, SOUTH TRI LEVEL ROADWAY C</b>			F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SAProject\40-8872-SP-70.dwg\5 Tnd\Arampdetail.dwg		DRAWN - SGK	REVISED -					57/70	(25-3)R	EFFINGHAM	1416	309
PLOT SCALE = 40.0000' / IN.		CHECKED - BRM	REVISED -		SCALE: 1"=20'			SHEET NO. 3 OF 12 SHEETS			STA. 2059+00.00(A) TO STA. 2064+50.00(A)	
PLOT DATE = 2/11/2010		DATE - 2-29-08	REVISED -		FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT			CONTRACT NO. 74296	

**PROP. ROADWAY A CURVE C20**  
 PI STA. = 2059+30.08  
 $\Delta = 55^\circ 59' 40''$  (LT)  
 $D = 0^\circ 50' 35''$   
 $R = 6,796.00'$   
 $T = 3,613.08'$   
 $L = 6,641.65'$   
 $E = 900.75'$   
 $e = 2.90\%$   
 $T.R. = 45.00'/56.25'$   
 $S.E. RUN = 87.00'/108.75'$   
 P.C. STA. = 2023+17.00  
 P.T. STA. = 2089+58.65  
 SE ATTAINED STA. 2022+14.00  
 TO STA 2023+46.00 (1.50% TO 2.90%)  
 SE REMOVED STA. 2089+22.40  
 TO STA 2091+27.15 (2.90% TO 1.50%)

**PROP. ROADWAY C CURVE C46**  
 PI STA. = 15+17.42  
 $\Delta = 8^\circ 41' 49''$  (RT)  
 $D = 0^\circ 53' 51''$   
 $R = 6,384.82'$   
 $T = 485.50'$   
 $L = 969.14'$   
 $E = 18.43'$   
 P.C. STA. = 10+31.92  
 P.T. STA. = 20+01.06



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -
PROJECT # 03 000237-01.dwg		DRAWN - SGK	REVISED -
		CHECKED - BRM	REVISED -
		DATE - 2-29-08	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERCHANGE RAMP TERMINAL DETAIL, SOUTH TRI LEVEL ROADWAY C**

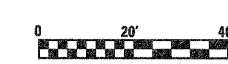
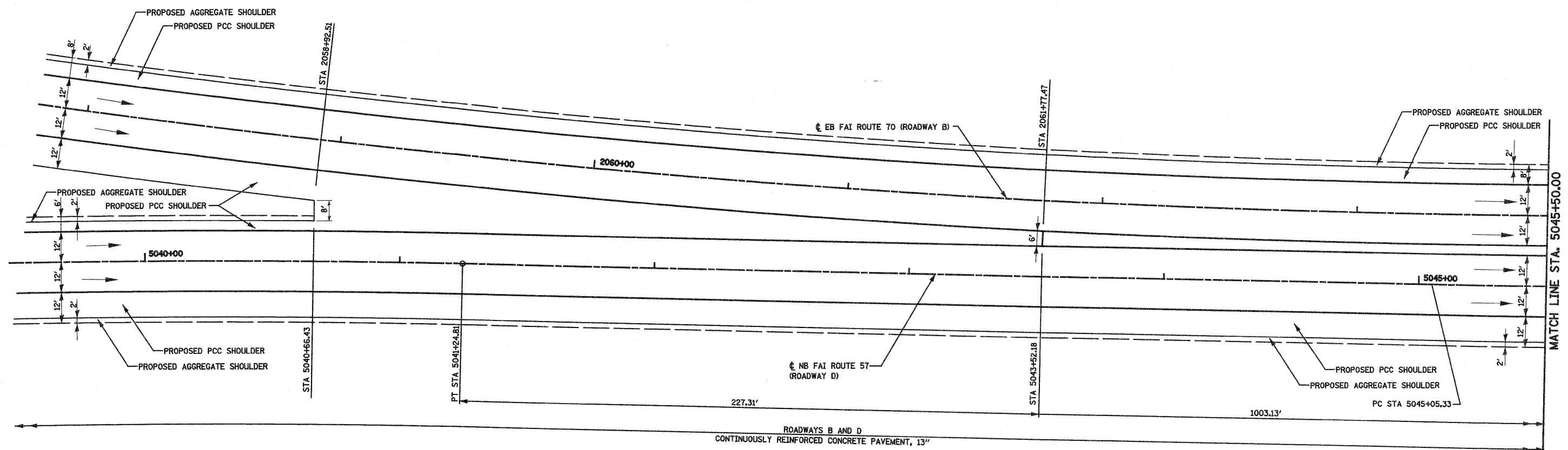
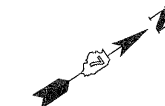
SCALE: 1"=20'      SHEET NO. 4 OF 12 SHEETS      STA. 2070+32.80(A) TO STA. 2064+50.00(A)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3)R	EFFINGHAM	1416	310
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74296	

**PROP. ROADWAY B CURVE C121**  
 PI STA. = 2058+88.72  
 $\Delta = 60^\circ 36' 08''$  (LT)  
 $D = 1^\circ 15' 05''$   
 $R = 4,578.30'$   
 $T = 2,675.46'$   
 $L = 4,842.50'$   
 $E = 724.43'$   
 $e = 4.00\%$   
 $T.R. = 45.00'/56.25'$   
 $S.E. RUN = 120.00'/150.00'$   
 P.C. STA. = 2032+13.26  
 P.T. STA. = 2080+55.76  
 SE ATTAINED STA. 2030+88.26  
 TO STA 2032+53.26 (1.50% TO 4.00%)  
 SE REMOVED STA. 2080+05.76  
 TO STA 2082+12.01 (4.00% TO 1.50%)

**PROP. ROADWAY D CURVE C48**  
 PI STA. = 5033+62.71  
 $\Delta = 19^\circ 14' 11''$  (RT)  
 $D = 1^\circ 15' 00''$   
 $R = 4,583.75'$   
 $T = 776.78'$   
 $L = 1,538.94'$   
 $E = 65.35'$   
 $e = 4.00\%$   
 $T.R. = 60.00'$   
 $S.E. RUN = 120.00'$   
 P.C. STA. = 5025+85.93  
 P.T. STA. = 5041+24.87  
 SE ATTAINED STA. 5024+45.93  
 TO STA 5026+25.93 (2.00% TO 4.00%)  
 SE REMOVED STA. 5039+94.87  
 TO STA 5041+24.87 (4.00% TO 2.68%)

**PROP. ROADWAY D CURVE C47**  
 PI STA. = 5049+31.67  
 $\Delta = 11^\circ 25' 30''$  (LT)  
 $D = 1^\circ 20' 40''$   
 $R = 4,262.00'$   
 $T = 426.34'$   
 $L = 849.85'$   
 $E = 21.27'$   
 $e = 4.00\%$   
 $T.R. = 120.00'$   
 P.C. STA. = 5045+05.33  
 P.T. STA. = 5053+55.18

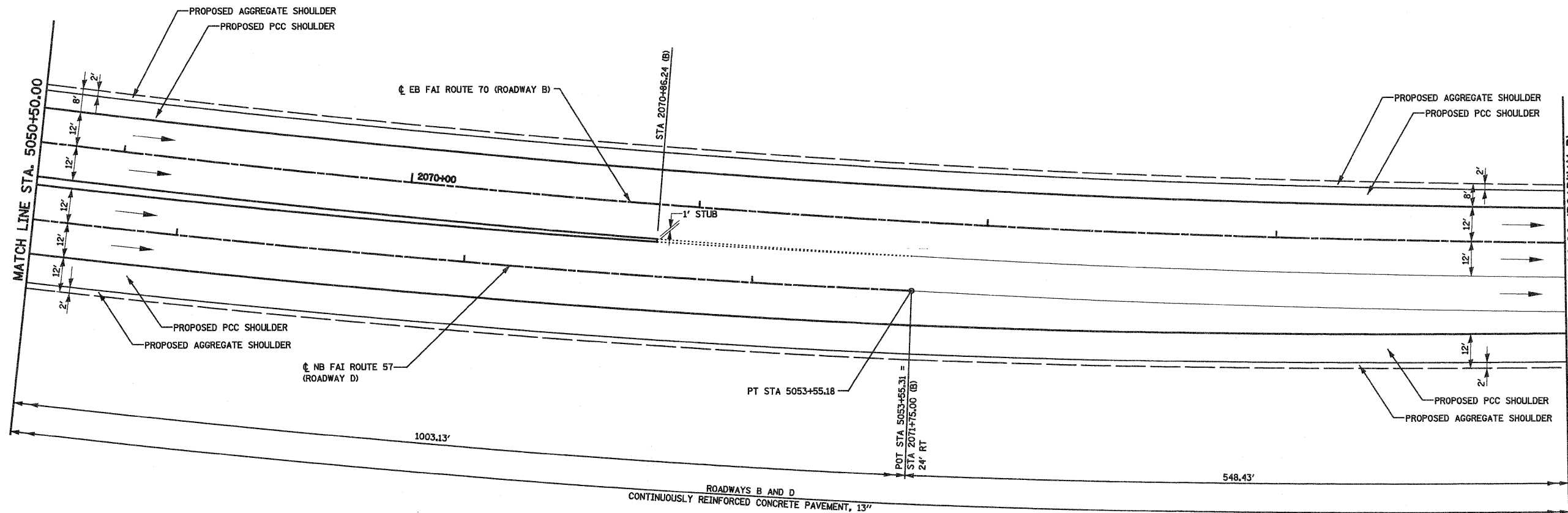


FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERCHANGE RAMP DETAIL, SOUTH TRI LEVEL ROADWAY D</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5:\projects\105\105-70.dwg\105-70.dwg		DRAWN - SGK	REVISED -					57/70	(25-3)R	EFFINGHAM	1416	311
PLOT SCALE = 48,0000' / IN.		CHECKED - BRM	REVISED -		SCALE: 1"=20'			SHEET NO. 5 OF 12 SHEETS		STA. 5039+50.00 TO STA. 5045+50.00		
PLOT DATE = 2/11/2010		DATE - 2-29-08	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74296				



**PROP. ROADWAY B CURVE C121**  
 PI STA. = 2058+88.72  
 $\Delta = 60^\circ 36' 08''$  (LT)  
 $D = 1^\circ 15' 05''$   
 $R = 4,578.30'$   
 $T = 2,675.46'$   
 $L = 4,842.50'$   
 $E = 724.43'$   
 $e = 4.00\%$   
 $T.R. = 45.00'/56.25'$   
 $S.E. RUN = 120.00'/150.00'$   
 $P.C. STA. = 2032+13.26$   
 $P.T. STA. = 2080+55.76$   
 SE ATTAINED STA. 2030+88.26  
 TO STA 2032+53.26 (1.50% TO 4.00%)  
 SE REMOVED STA. 2080+05.76  
 TO STA 2082+12.01 (4.00% TO 1.50%)

**PROP. ROADWAY D CURVE C47**  
 PI STA. = 5049+31.67  
 $\Delta = 11^\circ 25' 30''$  (LT)  
 $D = 1^\circ 20' 40''$   
 $R = 4,262.00'$   
 $T = 426.34'$   
 $L = 849.85'$   
 $E = 21.27'$   
 $P.C. STA. = 5045+05.33$   
 $P.T. STA. = 5053+55.18$



FILE NAME =  
 S:\Projects\03-0002\7-7\Drawings\15 TriLevel\ampdet.dwg

USER NAME = paul  
 PLOT SCALE = 40.0000' / IN.  
 PLOT DATE = 2/11/2010

DESIGNED - ESW  
 DRAWN - SGK  
 CHECKED - BRM  
 DATE - 2-29-08

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

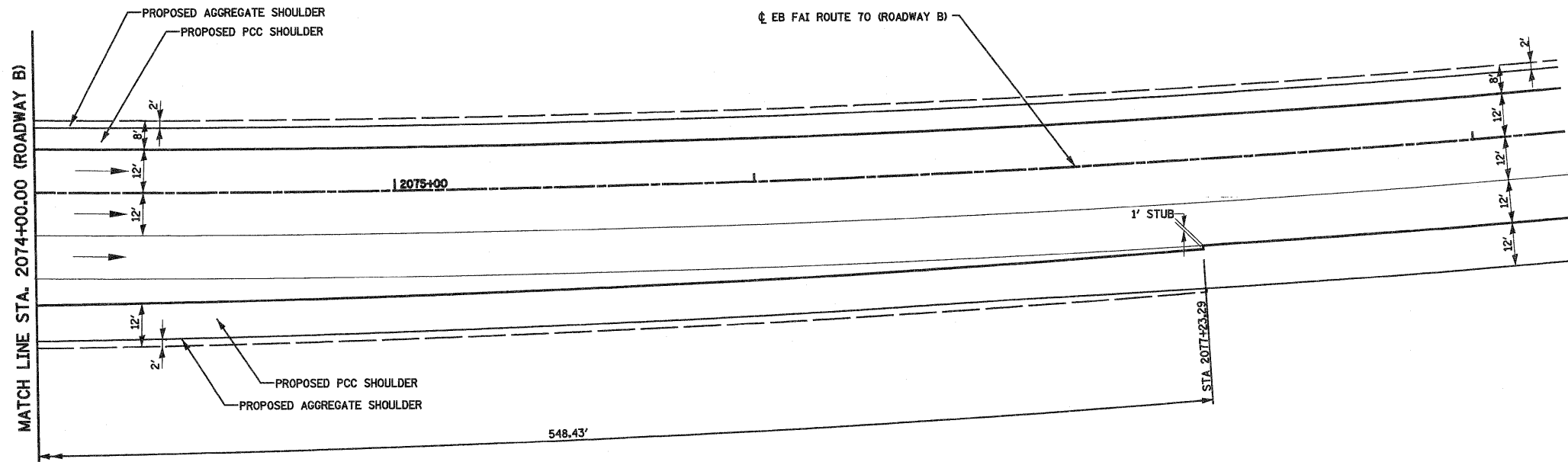
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERCHANGE RAMP TERMINAL DETAIL, SOUTH TRI LEVEL ROADWAY D**

SCALE: 1"=20' SHEET NO. 7 OF 12 SHEETS STA. 5050+50.00 TO STA. 2074+00.00(B)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3)R	EFFINGHAM	1416	313
CONTRACT NO. 74296				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

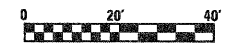
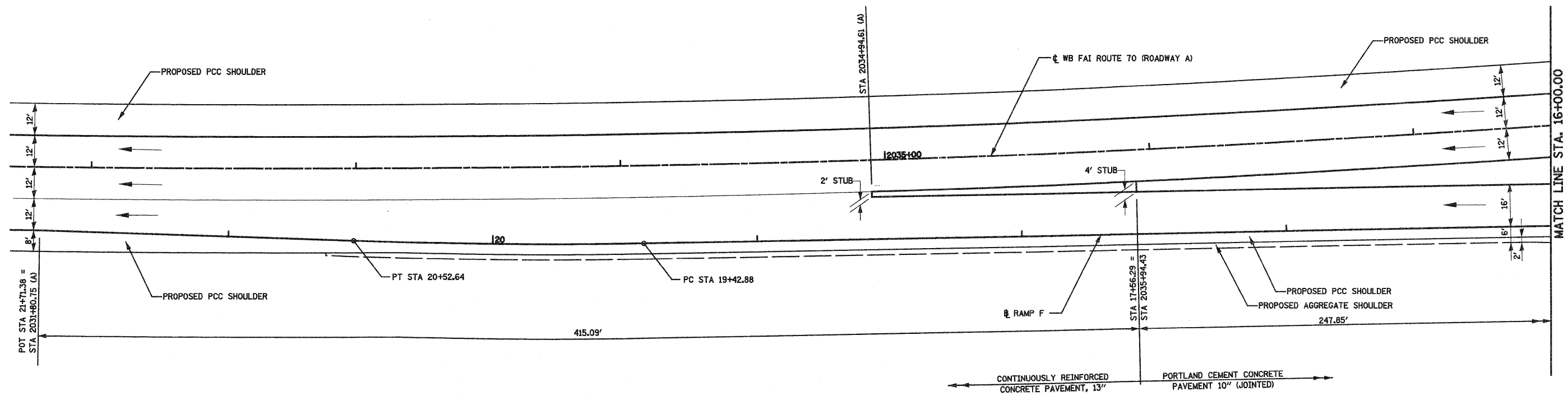
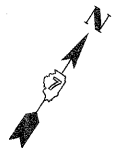
**PROP. ROADWAY B CURVE C121**  
 PI STA. = 2058+88.72  
 $\Delta = 60^\circ 36' 08''$  (LT)  
 $D = 1^\circ 15' 05''$   
 $R = 4,578.30'$   
 $T = 2,675.46'$   
 $L = 4,842.50'$   
 $E = 724.43'$   
 $e = 4.00\%$   
 $T.R. = 45.00' / 56.25'$   
 $S.E. RUN = 120.00' / 150.00'$   
 $P.C. STA. = 2032+13.26$   
 $P.T. STA. = 2080+55.76$   
 $SE \text{ ATTAINED STA. } 2030+88.26$   
 $TO \text{ STA } 2032+53.26 \text{ (1.50\% TO 4.00\%)}$   
 $SE \text{ REMOVED STA. } 2080+05.76$   
 $TO \text{ STA } 2082+12.01 \text{ (4.00\% TO 1.50\%)}$



FILE NAME = <small>S:\projects\103-00072-57-70\rdp\5 Trk\InterchangeDetail.dgn</small>	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>INTERCHANGE RAMP TERMINAL DETAIL, SOUTH TRI LEVEL ROADWAY D</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.0000' / IN.	DRAWN - SGK	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	314
PLOT DATE = 2/11/2010	CHECKED - BRM	REVISED -	<b>CONTRACT NO. 74296</b>							
DATE - 2-29-08	REVISED -	SCALE: 1"=20'    SHEET NO. 8 OF 12 SHEETS    STA. 2074+00.00(B) TO STA. 2080+55.76(B)    FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT								

**PROP. ROADWAY A CURVE C20**  
 PI STA. = 2059+30.08  
 $\Delta = 55^\circ 59' 40''$  (LT)  
 $D = 0^\circ 50' 35''$   
 $R = 6,796.00'$   
 $T = 3,613.08'$   
 $L = 6,641.65'$   
 $E = 900.75'$   
 $e = 2.90\%$   
 $T.R. = 45.00'/56.25'$   
 $S.E. RUN = 87.00'/108.75'$   
 $P.C. STA. = 2023+17.00$   
 $P.T. STA. = 2089+58.65$

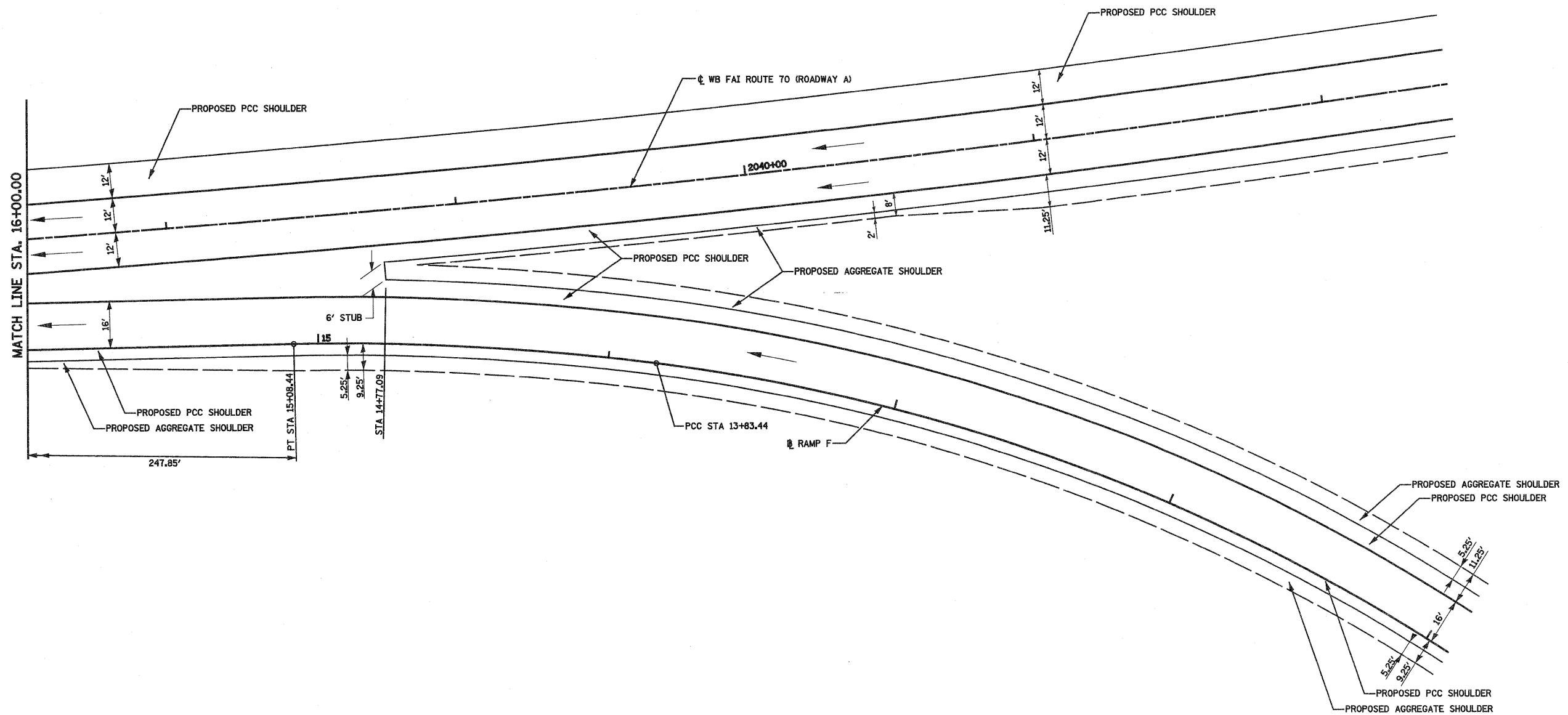
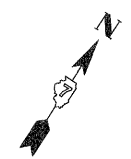
**PROP. RAMP F CURVE C200**  
 PI STA. = 19+97.77  
 $\Delta = 3^\circ 04' 03''$  (RT)  
 $D = 2^\circ 47' 42''$   
 $R = 2,050.00'$   
 $T = 54.89'$   
 $L = 109.75'$   
 $E = 0.73'$   
 $P.C. STA = 19+42.88$   
 $P.T. STA = 20+52.64$



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERCHANGE RAMP TERMINAL DETAIL, SOUTH TRI LEVEL RAMP F</b>	F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 315		
PROJECT: I-40/70/257/70/43/5 Trk/4/way/level/tdp	PLOT SCALE = 40.0000' / IN.	CHECKED - BRM	REVISED -			SCALE: 1"=20'	SHEET NO. 9 OF 12 SHEETS	STA. 16+00.00 TO STA. 21+71.38	CONTRACT NO. 74296			
	PLOT DATE = 2/11/2010	DATE - 2-29-08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

**PROP. RAMP F CURVE C201**  
 PI STA. = 14+46.05  
 $\Delta = 8^\circ 25' 33''$  (LT)  
 D = 6° 44' 26"  
 R = 850.00'  
 T = 62.61'  
 L = 125.00'  
 E = 2.30'  
 e = 8.00%  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C.C. STA = 13+83.44  
 P.T. STA = 15+08.44  
 SE REMOVED STA. 13+78.44  
 TO STA 15+08.44 (8.00% TO 5.61%)

**PROP. ROADWAY A CURVE C20**  
 PI STA. = 2059+30.08  
 $\Delta = 55^\circ 59' 40''$  (LT)  
 D = 0° 50' 35"  
 R = 6,796.00'  
 T = 3,613.08'  
 L = 6,641.65'  
 E = 900.75'  
 e = 2.90%  
 T.R. = 45.00'/56.25'  
 S.E. RUN = 87.00'/108.75'  
 P.C. STA. = 2023+17.00  
 P.T. STA. = 2089+58.65  
 SE ATTAINED STA. 2022+14.00  
 TO STA 2023+46.00 (1.50% TO 2.90%)  
 SE REMOVED STA. 2089+22.40  
 TO STA 2091+27.15 (2.90% TO 1.50%)

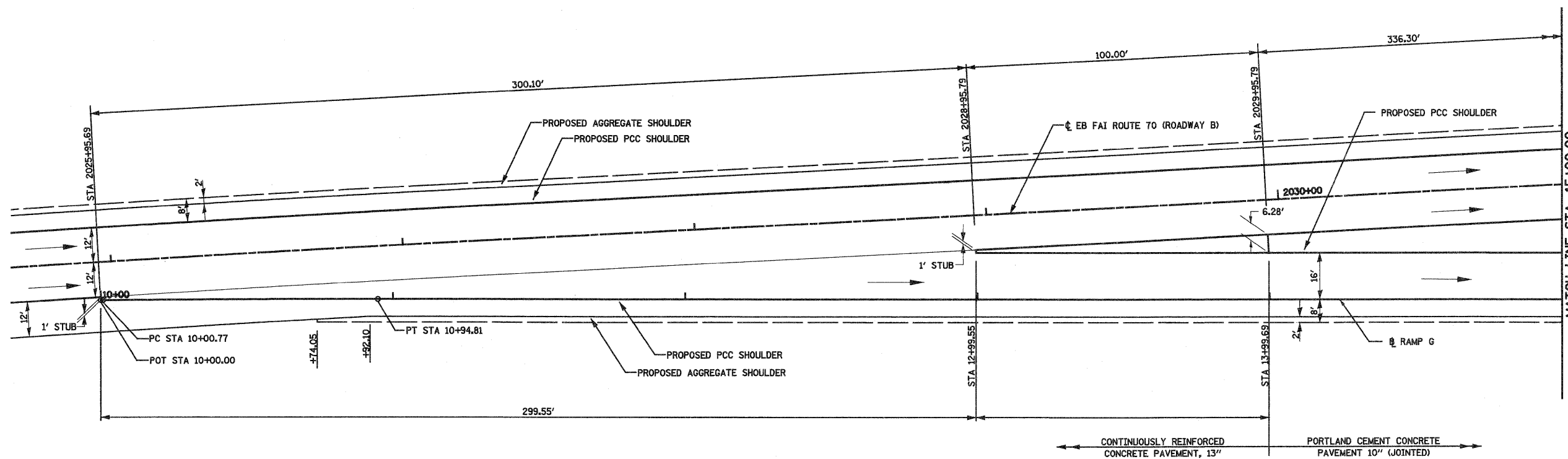


FILE NAME = S:\Project\433\002\257\Road\5 Trl\Drawings\tdp	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERCHANGE RAMP TERMINAL DETAIL, SOUTH TRI LEVEL RAMP F</b>			F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 316
PLOT SCALE = 48.0000' / IN.					CHECKED - BRM	REVISED -	SCALE: 1"=20'	SHEET NO. 10 OF 12 SHEETS	STA. 11+00.00 TO STA. 16+00.00	<b>CONTRACT NO. 74296</b>		
PLOT DATE = 2/11/2010					DATE - 2-29-08	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



**PROP. ROADWAY B CURVE C120**  
 PI STA. = 2022+76.39  
 $\Delta = 3^\circ 34' 37''$  (RT)  
 $D = 0^\circ 24' 33''$   
 $R = 14,000.00'$   
 $T = 437.16'$   
 $L = 874.03'$   
 $E = 6.82'$   
 P.C. STA. = 2018+39.23  
 P.T. STA. = 2027+13.26

**PROP. RAMP G CURVE C31**  
 PI STA. = 10+47.79  
 $\Delta = 0^\circ 23' 05''$  (RT)  
 $D = 0^\circ 24' 33''$   
 $R = 14,000.00'$   
 $T = 47.02'$   
 $L = 94.04'$   
 $E = 0.08'$   
 P.C. STA. = 10+00.77  
 P.T. STA. = 10+94.81



NOTE: FOR ADDITIONAL NOTES AND DETAILS SEE STANDARD 420306

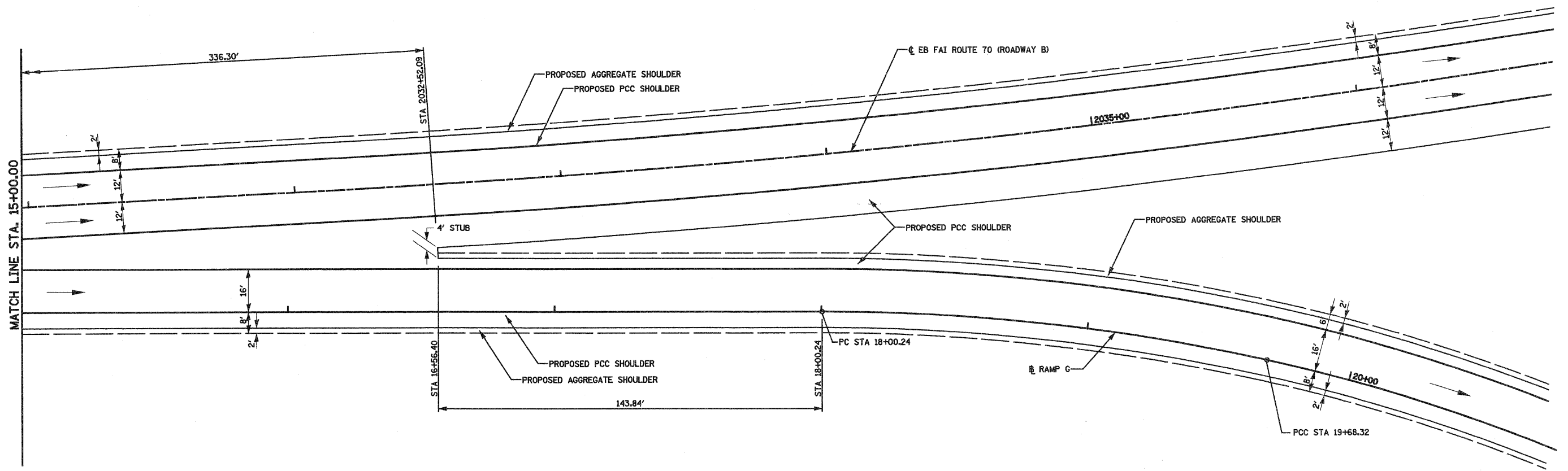


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					SCALE: 1"=20'			SHEET NO. 11 OF 12 SHEETS			STA. 10+00.00 TO STA. 15+00.00	
					CONTRACT NO. 74296							
					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

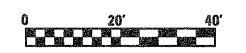
**PROP. ROADWAY B CURVE C121**  
 PI STA. = 2058+88.72  
 $\Delta = 60^\circ 36' 08''$  (LT)  
 $D = 1^\circ 15' 05''$   
 $R = 4,578.30'$   
 $T = 2,675.46'$   
 $L = 4,842.50'$   
 $E = 724.43'$   
 $e = 4.00\%$   
 $T.R. = 45.00'/56.25'$   
 $S.E. RUN = 120.00'/150.00'$   
 $P.C. STA. = 2032+13.26$   
 $P.T. STA. = 2080+55.76$   
 $SE ATTAINED STA. 2030+88.26$   
 $TO STA 2032+53.26$  (1.50% TO 4.00%)  
 $SE REMOVED STA. 2080+05.76$   
 $TO STA 2082+12.01$  (4.00% TO 1.50%)

**PROP. RAMP G CURVE C32**  
 PI STA. = 18+84.62  
 $\Delta = 12^\circ 40' 17''$  (RT)  
 $D = 7^\circ 32' 20''$   
 $R = 760.00'$   
 $T = 84.38'$   
 $L = 168.08'$   
 $E = 4.67'$   
 $e = 8.00\%$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 18+00.24$   
 $P.C.C. STA. = 19+68.32$   
 $SE ATTAINED STA. 13+78.44$   
 $TO STA 15+08.44$  (1.50% TO 8.00%)

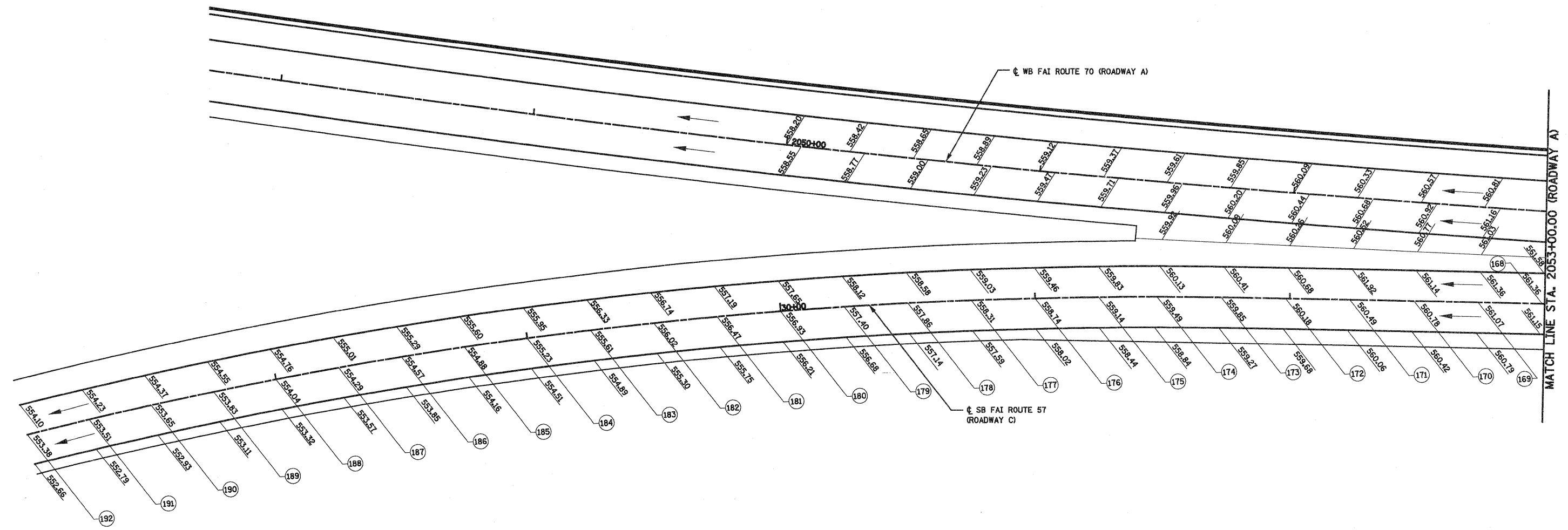
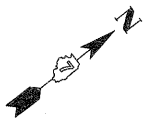
**PROP. RAMP G CURVE C33**  
 PI STA. = 21+70.64  
 $\Delta = 33^\circ 22' 13''$  (RT)  
 $D = 8^\circ 29' 18''$   
 $R = 675.00'$   
 $T = 202.32'$   
 $L = 393.13'$   
 $E = 29.67'$   
 $e = 8.00\%$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C.C. STA. = 19+68.32$   
 $P.T. STA. = 23+61.45$



NOTE: FOR ADDITIONAL NOTES AND DETAILS SEE STANDARD 420306



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERCHANGE RAMP TERMINAL DETAIL, SOUTH TRI LEVEL RAMP G</b>			F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 318
Plot Scale = 40.0000' / IN.	CHECKED - BRM	REVISED -	REVISED -		SCALE: 1"=20'	SHEET NO. 12 OF 12 SHEETS	STA. 15+00.00 TO STA. 20+00.00	CONTRACT NO. 74296				
PLOT DATE = 2/11/2010	DATE - 2-29-08	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



ROADWAY C						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	ROADWAY OFFSET	RAMP STATION
<b>ROADWAY A</b>						
168	561.36	885,016.29	914,376.57	2053+00.00	36.26	27+00.97
169	561.07	884,997.60	914,359.72	2052+75.00	37.46	27+26.14
170	560.78	884,978.91	914,342.86	2052+50.00	38.76	27+51.31
171	560.49	884,960.20	914,326.00	2052+25.00	40.15	27+76.50
172	560.18	884,941.49	914,309.13	2052+00.00	41.64	28+01.69
173	559.85	884,922.76	914,292.26	2051+75.00	43.22	28+26.90
174	559.49	884,903.84	914,275.56	2051+50.00	45.16	28+52.13
<b>ROADWAY C</b>						
175	559.14	884,886.50	914,260.65			28+75.00
176	558.74	884,867.33	914,244.61			29+00.00
177	558.31	884,847.94	914,228.83			29+25.00
178	557.86	884,828.33	914,213.33			29+50.00
179	557.40	884,808.50	914,198.09			29+75.00
180	556.93	884,788.47	914,183.13			30+00.00
181	556.47	884,768.24	914,168.45			30+25.00
182	556.02	884,747.80	914,154.05			30+50.00
183	555.61	884,727.17	914,139.94			30+75.00
184	555.23	884,706.34	914,126.11			31+00.00
185	554.88	884,685.32	914,112.57			31+25.00
186	554.57	884,664.12	914,099.32			31+50.00
187	554.29	884,642.74	914,086.37			31+75.00
188	554.04	884,621.18	914,073.72			32+00.00
189	553.83	884,599.45	914,061.36			32+25.00
190	553.65	884,577.55	914,049.30			32+50.00
191	553.51	884,555.48	914,037.55			32+75.00
192	553.38	884,533.25	914,026.11			33+00.00



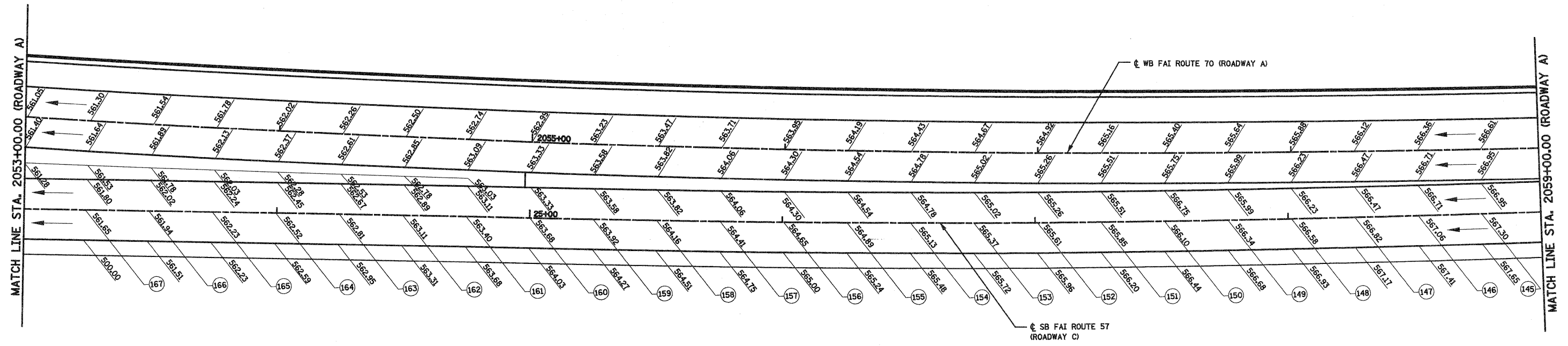
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 USER NAME = paul  
 PLOT SCALE = 40.0000' / IN.  
 PLOT DATE = 2/11/2010

DESIGNED - ESW  
 DRAWN - PDB  
 CHECKED - BRM  
 DATE - 2-29-08  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

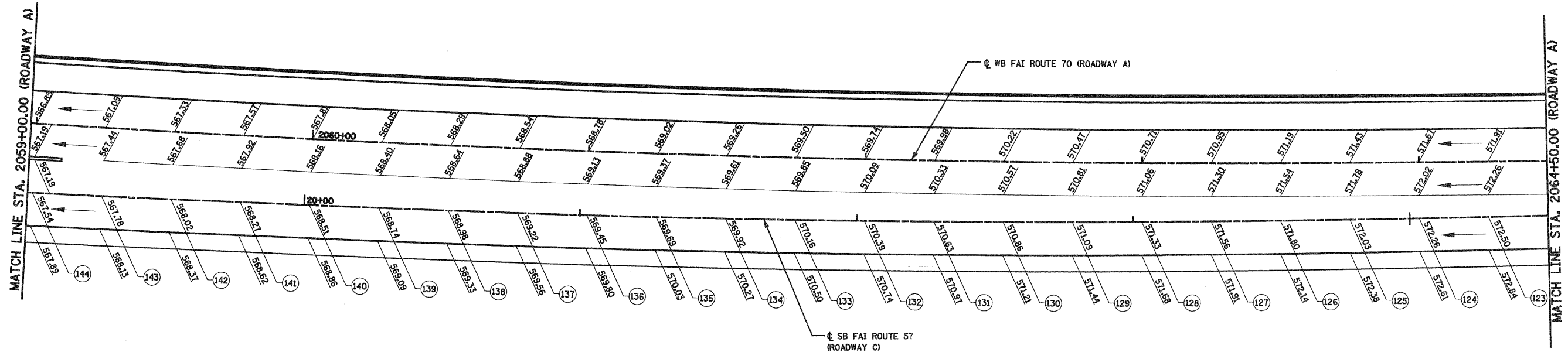
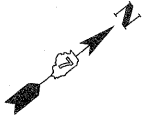
**PAVEMENT ELEVATION DETAIL, ROADWAY C, SOUTH TRI LEVEL**  
 SCALE: 1"=20' SHEET NO. 1 OF 12 SHEETS STA. 2048+00.00(A) TO STA. 2053+00.00(A)

F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 319
CONTRACT NO. 74296				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

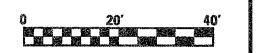


ROADWAY C						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	ROADWAY OFFSET	RAMP STATION
ROADWAY A						
145	567.30	885,450.98	914,756.83	2058+75.00	25.44	21+23.35
146	567.06	885,431.54	914,740.96	2058+50.00	25.75	21+48.45
147	566.82	885,412.16	914,725.02	2058+25.00	26.06	21+73.55
148	566.58	885,392.84	914,709.00	2058+00.00	26.37	21+98.64
149	566.34	885,373.57	914,692.91	2057+75.00	26.67	22+23.74
150	566.10	885,354.37	914,676.75	2057+50.00	26.97	22+48.84
151	565.85	885,335.23	914,660.51	2057+25.00	27.27	22+73.95
152	565.61	885,316.14	914,644.20	2057+00.00	27.57	22+99.05
153	565.37	885,297.12	914,627.82	2056+75.00	27.86	23+24.15
154	565.13	885,278.16	914,611.36	2056+50.00	28.15	23+49.26
155	564.89	885,259.26	914,594.84	2056+25.00	28.44	23+74.36
156	564.65	885,240.42	914,578.24	2056+00.00	28.73	23+99.47
157	564.41	885,221.65	914,561.57	2055+75.00	29.02	24+24.58
158	564.16	885,202.94	914,544.83	2055+50.00	29.30	24+49.69
159	563.92	885,184.28	914,528.02	2055+25.00	29.59	24+74.80
160	563.68	885,165.63	914,511.21	2055+00.00	29.96	24+99.91
161	563.40	885,146.97	914,494.39	2054+75.00	30.43	25+25.02
162	563.11	885,128.32	914,477.57	2054+50.00	30.98	25+50.14
163	562.81	885,109.66	914,460.75	2054+25.00	31.63	25+75.27
164	562.52	885,090.99	914,443.92	2054+00.00	32.37	26+00.39
165	562.23	885,072.33	914,427.09	2053+75.00	33.20	26+25.53
166	561.94	885,053.65	914,410.26	2053+50.00	34.13	26+50.67
167	561.65	885,034.98	914,393.42	2053+25.00	35.15	26+75.82

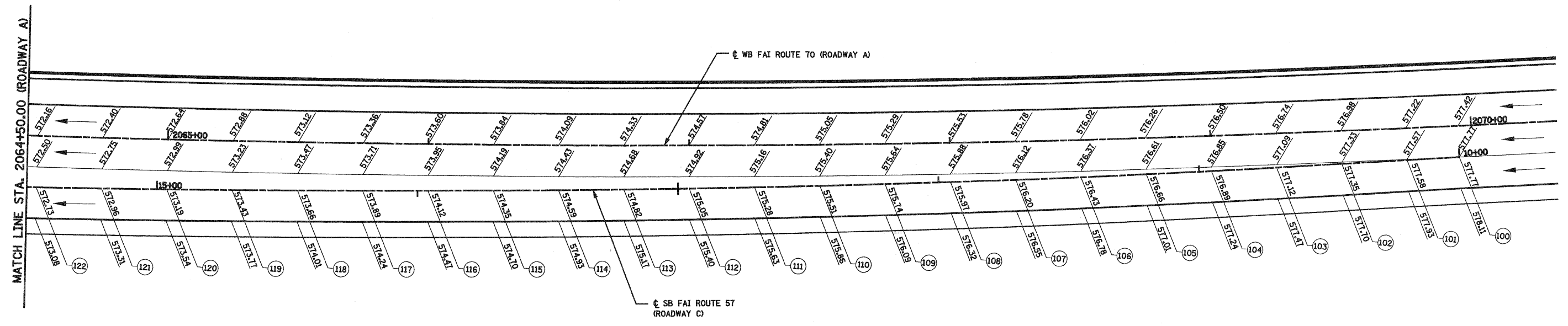
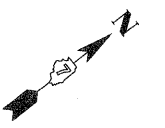




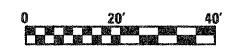
ROADWAY C						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	ROADWAY OFFSET	RAMP STATION
ROADWAY A						
123	572.50	885,891.91	915,088.46	2064+25.00	20.03	15+71.49
124	572.26	885,871.28	915,074.20	2064+00.00	20.31	15+96.56
125	572.03	885,850.71	915,059.86	2063+75.00	20.59	16+21.64
126	571.80	885,830.19	915,045.44	2063+50.00	20.86	16+46.72
127	571.56	885,809.73	915,030.94	2063+25.00	21.12	16+71.80
128	571.33	885,789.32	915,016.36	2063+00.00	21.38	16+96.87
129	571.09	885,768.97	915,001.69	2062+75.00	21.63	17+21.96
130	570.86	885,748.68	914,986.95	2062+50.00	21.88	17+47.04
131	570.63	885,728.45	914,972.13	2062+25.00	22.11	17+72.12
132	570.39	885,708.28	914,957.23	2062+00.00	22.35	17+97.20
133	570.16	885,688.16	914,942.24	2061+75.00	22.57	18+22.28
134	569.92	885,668.10	914,927.18	2061+50.00	22.79	18+47.37
135	569.69	885,648.10	914,912.04	2061+25.00	23.00	18+72.45
136	569.45	885,628.16	914,896.82	2061+00.00	23.21	18+97.54
137	569.22	885,608.28	914,881.52	2060+75.00	23.41	19+22.63
138	568.98	885,588.45	914,866.14	2060+50.00	23.61	19+47.71
139	568.74	885,568.69	914,850.69	2060+25.00	23.80	19+72.80
140	568.51	885,548.99	914,835.16	2060+00.00	23.98	19+97.89
141	568.27	885,529.32	914,819.58	2059+75.00	24.19	20+22.98
142	568.02	885,509.66	914,803.99	2059+50.00	24.49	20+48.07
143	567.78	885,490.04	914,788.34	2059+25.00	24.81	20+73.16
144	567.54	885,470.49	914,772.62	2059+00.00	25.12	20+98.26



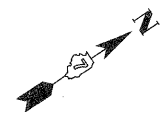
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5\Projects\MS 00072.57\Drawings\T&E\pav_elev_detail.dwg		DRAWN - PDB	REVISED -					57/70	(25-3)R	EFFINGHAM	1416	321
PLOT SCALE = 48.0000' / IN.		CHECKED - BRM	REVISED -					CONTRACT NO. 74296				
PLOT DATE = 2/11/2010		DATE - 2-29-08	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: 1"=20'			SHEET NO. 3 OF 12 SHEETS		STA. 2059+00.00(A) TO STA. 2064+50.00(A)			



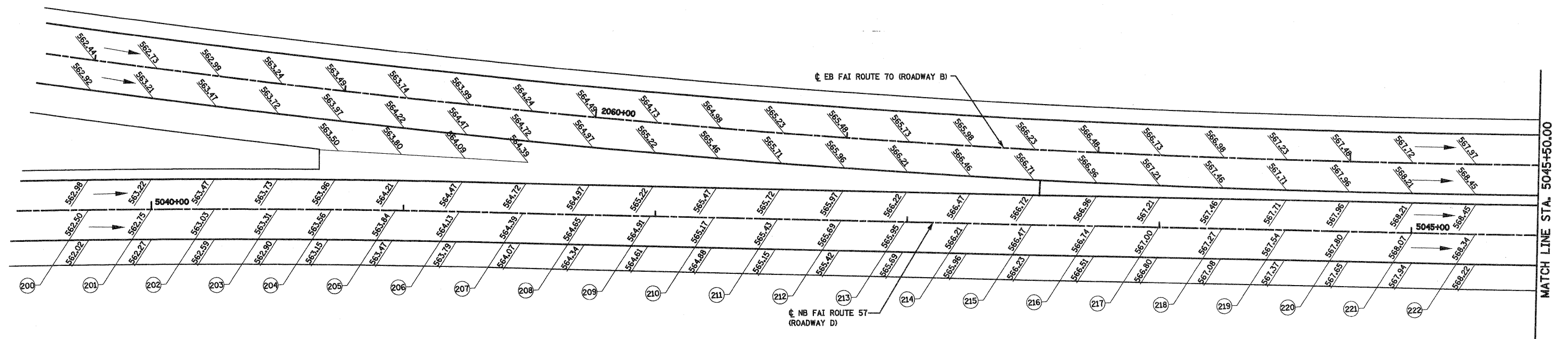
ROADWAY C						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	ROADWAY OFFSET	RAMP STATION
100	577.77	886,376.49	915,391.05	2069+95.07	12.00	10+00.00
101	577.58	886,359.02	915,381.09	2069+75.00	12.27	10+20.10
102	577.35	886,337.27	915,368.67	2069+50.00	12.68	10+45.15
103	577.12	886,315.56	915,356.17	2069+25.00	13.09	10+70.20
104	576.89	886,293.90	915,343.59	2069+00.00	13.50	10+95.26
105	576.66	886,272.28	915,330.92	2068+75.00	13.89	11+20.31
106	576.43	886,250.72	915,318.16	2068+50.00	14.23	11+45.37
107	576.20	886,229.20	915,305.32	2068+25.00	14.68	11+70.42
108	575.97	886,207.74	915,292.40	2068+00.00	15.06	11+95.48
109	575.74	886,186.32	915,279.39	2067+75.00	15.43	12+20.54
110	575.51	886,164.95	915,266.29	2067+50.00	15.80	12+45.60
111	575.28	886,143.64	915,253.12	2067+25.00	16.16	12+70.66
112	575.05	886,122.37	915,239.85	2067+00.00	16.52	12+95.72
113	574.82	886,101.16	915,226.50	2066+75.00	16.87	13+20.79
114	574.59	886,079.99	915,213.07	2066+50.00	17.21	13+45.85
115	574.35	886,058.88	915,199.56	2066+25.00	17.55	13+70.92
116	574.12	886,037.82	915,185.96	2066+00.00	17.88	13+95.98
117	573.89	886,016.82	915,172.28	2065+75.00	18.21	14+21.05
118	573.66	885,995.86	915,158.52	2065+50.00	18.53	14+46.12
119	573.43	885,974.96	915,144.67	2065+25.00	18.84	14+71.19
120	573.19	885,954.12	915,130.74	2065+00.00	19.15	14+96.27
121	572.96	885,933.33	915,116.73	2064+75.00	19.45	15+21.34
122	572.73	885,912.59	915,102.63	2064+50.00	19.74	15+46.41



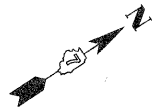
FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT ELEVATION DETAIL, ROADWAY C, SOUTH TRI LEVEL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5:\projects\400-88872-57-70\400-88872-57-70.dgn		DRAWN - PDB	REVISED -					57/70	(25-3)R	EFFINGHAM	1416	322
		CHECKED - BRM	REVISED -					CONTRACT NO. 74296				
		DATE - 2-29-08	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: 1"=20'			SHEET NO. 4 OF 12 SHEETS		STA. 2070+32.80(A) TO STA. 2064+50.00(A)			



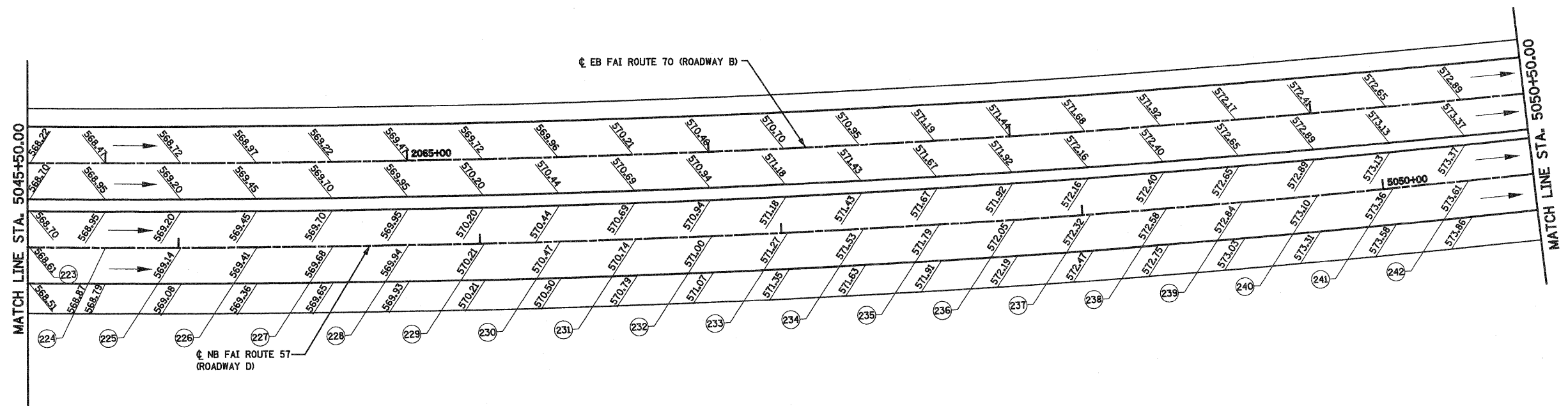
ROADWAY C						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	€ ROADWAY OFFSET	RAMP STATION
ROADWAY D						
200	562.50	884,959.40	914,946.52			5039+75.00
201	562.75	884,980.40	914,960.08			5040+00.00
202	563.03	885,001.33	914,973.75			5040+25.00
203	563.31	885,022.18	914,987.54			5040+50.00
ROADWAY B						
204	563.56	885,040.06	914,999.49	2059+00.00	47.34	5040+71.50
205	563.84	885,061.08	915,013.70	2059+25.00	44.88	5040+96.87
206	564.13	885,081.99	915,028.00	2059+50.00	42.70	5041+22.21
207	564.39	885,102.83	915,042.35	2059+75.00	40.74	5041+47.51
208	564.65	885,123.65	915,056.69	2060+00.00	38.92	5041+72.79
209	564.91	885,144.46	915,071.02	2060+25.00	37.25	5041+98.06
210	565.17	885,165.25	915,085.35	2060+50.00	35.71	5042+23.30
211	565.43	885,186.03	915,099.66	2060+75.00	34.30	5042+48.53
212	565.69	885,206.79	915,113.96	2061+00.00	33.04	5042+73.75
213	565.95	885,227.55	915,128.26	2061+25.00	31.92	5042+98.95
214	566.21	885,248.29	915,142.55	2061+50.00	30.93	5043+24.14
215	566.47	885,269.03	915,156.83	2061+75.00	30.08	5043+49.32
216	566.74	885,289.76	915,171.11	2062+00.00	29.37	5043+74.50
217	567.00	885,310.48	915,185.39	2062+25.00	28.80	5043+99.66
218	567.27	885,331.20	915,199.66	2062+50.00	28.36	5044+24.82
219	567.54	885,351.92	915,213.93	2062+75.00	28.06	5044+49.98
220	567.80	885,372.64	915,228.20	2063+00.00	27.90	5044+75.13
221	568.07	885,393.35	915,242.47	2063+25.00	27.88	5045+00.28
222	568.34	885,414.09	915,256.70	2063+50.00	27.94	5045+25.44



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT ELEVATION DETAIL, ROADWAY D, SOUTH TRI LEVEL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
2\Projects\182\182-57-70\Drawings\pav_elev_details.dwg		DRAWN - PDB	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	323	
PLOT SCALE = 48,0000" / IN.		CHECKED - BRM	REVISED -			CONTRACT NO. 74296					
PLOT DATE = 2/11/2010		DATE - 2-29-08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1"=20'	SHEET NO. 5 OF 12 SHEETS	STA. 5039+50.00 TO STA. 5045+50.00				



ROADWAY C						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	☉ ROADWAY OFFSET	RAMP STATION
ROADWAY B						
223	568.61	885,434.91	915,270.81	2063+75.00	28.00	5045+50.59
224	568.87	885,455.82	915,284.79	2064+00.00	28.05	5045+75.74
225	569.14	885,476.81	915,298.66	2064+25.00	28.08	5046+00.89
226	569.41	885,497.88	915,312.40	2064+50.00	28.11	5046+26.05
227	569.68	885,519.03	915,326.01	2064+75.00	28.12	5046+51.20
228	569.94	885,540.26	915,339.50	2065+00.00	28.12	5046+76.36
229	570.21	885,561.57	915,352.86	2065+25.00	28.11	5047+01.51
230	570.47	885,582.96	915,336.10	2065+50.00	28.09	5047+26.66
231	570.74	885,604.42	915,379.21	2065+75.00	28.06	5047+51.82
232	571.00	885,625.96	915,392.20	2066+00.00	28.02	5047+76.97
233	571.27	885,647.58	915,405.05	2066+25.00	27.97	5048+02.12
234	571.53	885,669.28	915,417.78	2066+50.00	27.90	5048+27.27
235	571.79	885,691.05	915,430.38	2066+75.00	27.83	5048+52.43
236	572.05	885,712.89	915,442.85	2067+00.00	27.74	5048+77.58
237	572.32	885,734.80	915,455.20	2067+25.00	27.64	5049+02.73
238	572.58	885,756.79	915,467.41	2067+50.00	27.54	5049+27.88
239	572.84	885,778.85	915,479.49	2067+75.00	27.42	5049+53.03
240	573.10	885,800.98	915,491.44	2068+00.00	27.29	5049+78.18
241	573.36	885,823.17	915,503.26	2068+25.00	27.14	5050+03.33
242	573.61	885,845.44	915,514.95	2068+50.00	26.99	5050+28.48

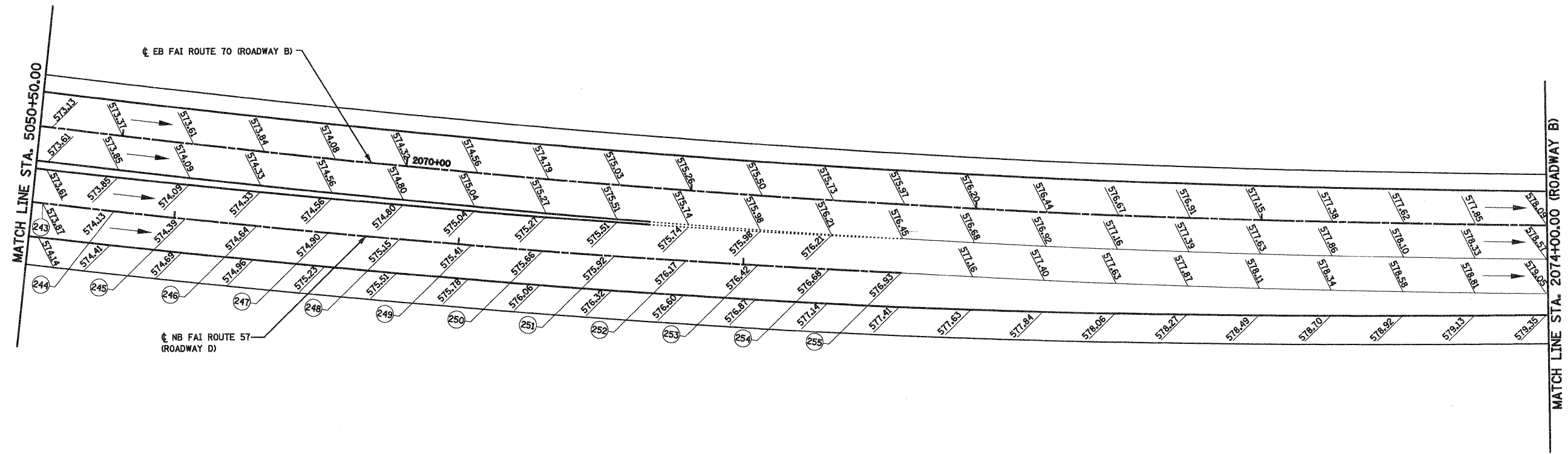


FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT ELEVATION DETAIL, ROADWAY D, SOUTH TRI LEVEL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5:\projects\MS-88872-57-70\paul\57-70.dwg		DRAWN - PDB	REVISED -					57/70	(25-3)R	EFFINGHAM	1416	324
PLOT SCALE = 48.0000' / IN.		CHECKED - BRM	REVISED -		SCALE: 1"=20'			SHEET NO. 6 OF 12 SHEETS			STA. 5045+50.00 TO STA. 5050+50.00	
PLOT DATE = 2/11/2010		DATE - 2-29-08	REVISED -		FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT			CONTRACT NO. 74296	

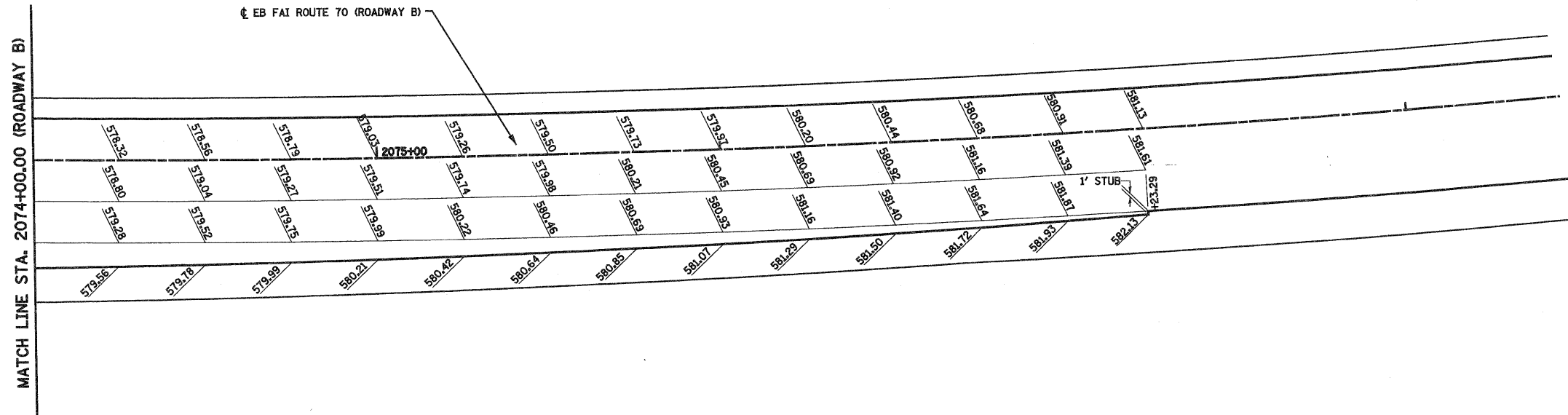




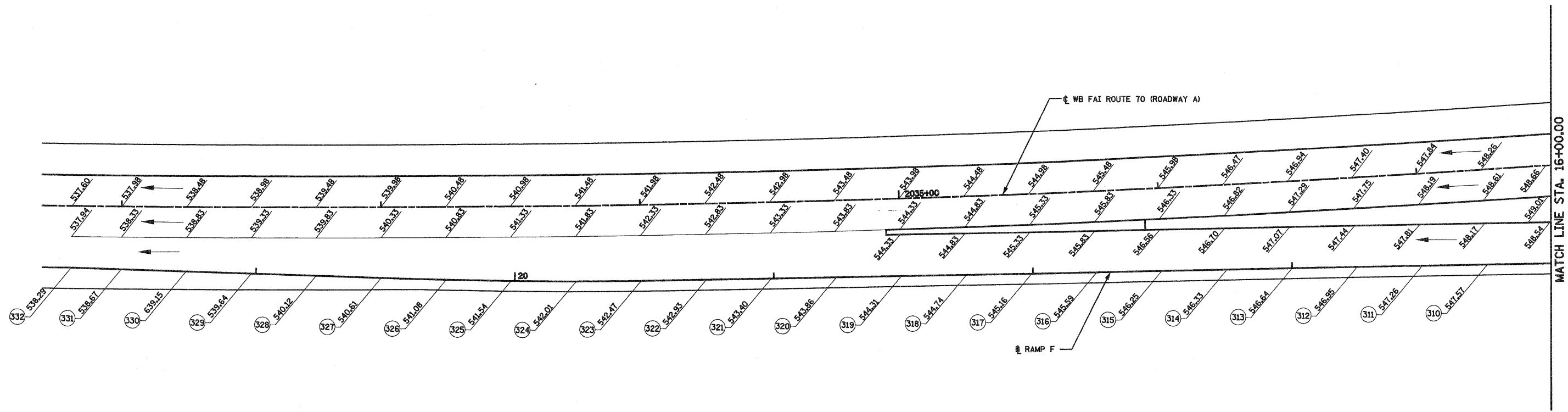
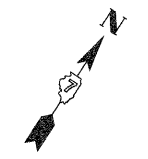
ROADWAY C						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	€ ROADWAY OFFSET	RAMP STATION
ROADWAY B						
243	573.87	885,867.78	915,526.51	2068+75.00	26.83	5050+53.63
244	574.13	885,890.18	915,537.93	2069+00.00	26.65	5050+78.77
245	574.39	885,912.65	915,549.22	2069+25.00	26.47	5051+03.92
246	574.64	885,935.18	915,560.38	2069+50.00	26.27	5051+29.06
247	574.90	885,957.78	915,571.41	2069+75.00	26.06	5051+54.21
248	575.15	885,980.44	915,582.30	2070+00.00	25.84	5051+79.35
249	575.41	886,003.16	915,593.05	2070+25.00	25.61	5052+04.49
250	575.66	886,025.95	915,603.68	2070+50.00	25.37	5052+29.63
251	575.92	886,048.80	915,614.16	2070+75.00	25.12	5052+54.77
252	576.17	886,071.70	915,624.51	2071+00.00	24.85	5052+79.91
253	576.42	886,094.67	915,634.73	2071+25.00	24.58	5053+05.04
254	576.68	886,117.70	915,644.81	2071+50.00	24.30	5053+30.18
255	576.93	886,140.78	915,654.75	2071+75.00	24.00	5053+55.31



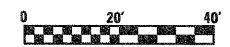
FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT ELEVATION DETAIL, ROADWAY D, SOUTH TRI LEVEL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\projects\03-0002\257-70\dwg\5_Trd\pav_elev_detail.dwg		DRAWN - PDB	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	325	
PLOT SCALE = 48.0000' / IN.		CHECKED - BRM	REVISED -			<b>CONTRACT NO. 74296</b>					
PLOT DATE = 2/11/2010		DATE - 2-29-08	REVISED -			SCALE: 1"=20' SHEET NO. 7 OF 12 SHEETS STA. 5050+50.00 TO STA. 2074+00.00(B) ILLINOIS FED. AID PROJECT					

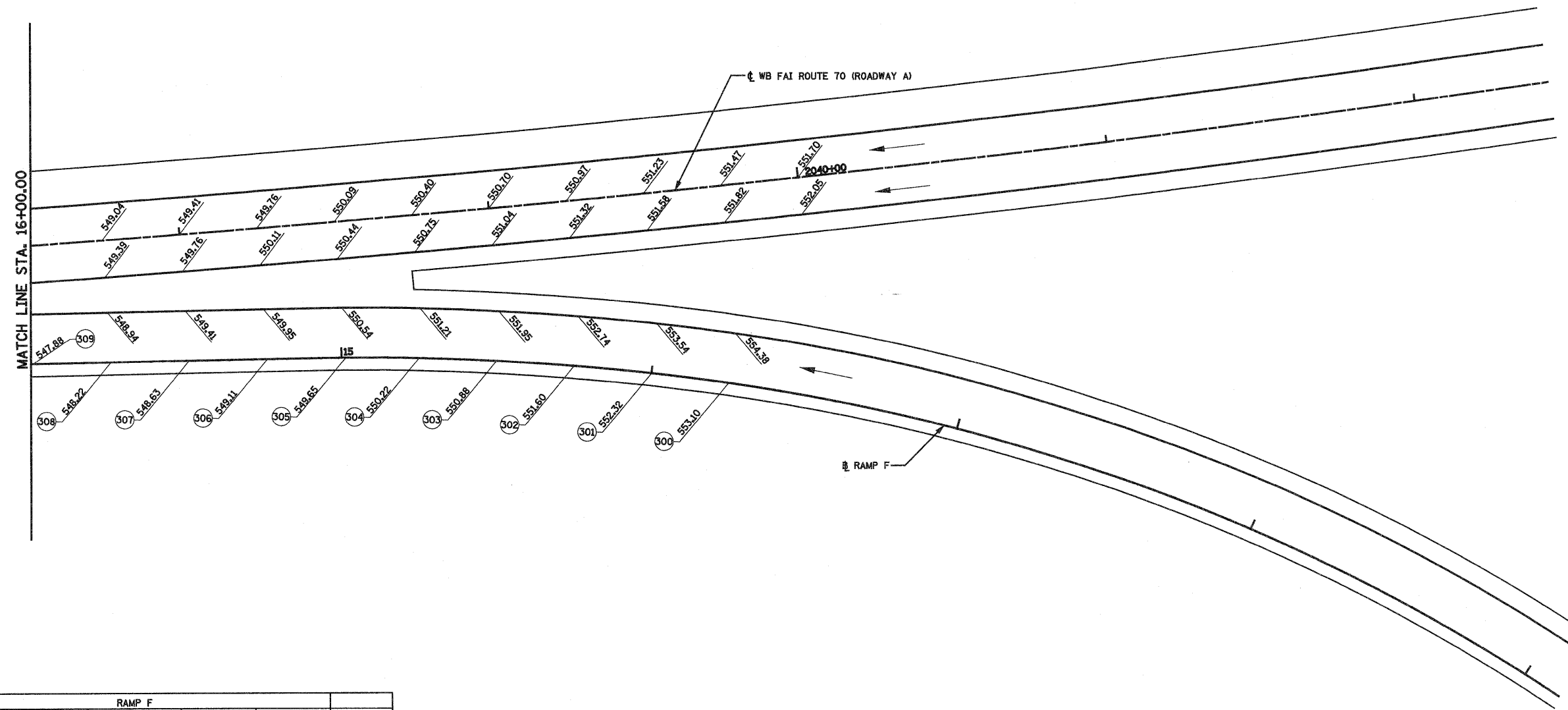
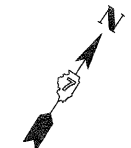


FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT ELEVATION DETAIL, ROADWAY D, SOUTH TRI LEVEL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
SVProject\602\60257-70\dwg\5_Trd\A\pave\elev_details.dwg		DRAWN - PDB	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	326	
		CHECKED - BRM	REVISED -			<b>CONTRACT NO. 74296</b>					
		DATE - 2-29-08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
				SCALE: 1"=20'		SHEET NO. 8 OF 12 SHEETS		STA. 2074+00.00(B) TO STA. 2080+55.76(B)			

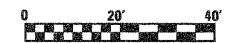


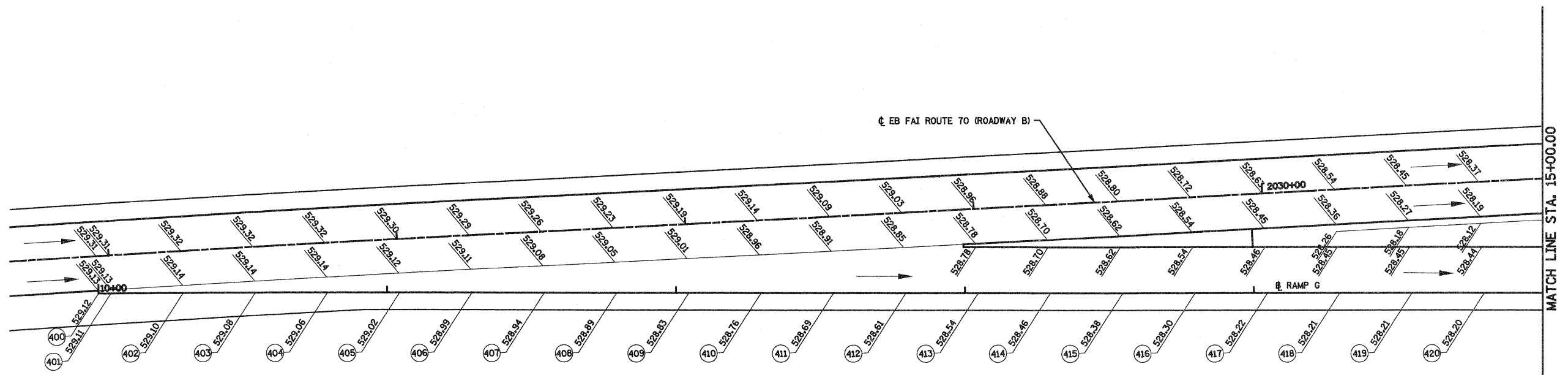
RAMP F						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	ROADWAY OFFSET	RAMP STATION
ROADWAY A						
310	547.57	884,028.30	913,143.67	2037+25.00	36.86	16+24.54
311	547.26	884,015.96	913,121.74	2037+00.00	35.73	16+49.70
312	546.95	884,003.62	913,099.83	2036+75.00	34.70	16+74.85
313	546.64	883,991.28	913,077.92	2036+50.00	33.76	16+99.99
314	546.33	883,978.95	913,056.01	2036+25.00	32.91	17+25.13
315	546.25	883,966.62	913,034.12	2036+00.00	32.16	17+50.26
316	545.59	883,954.30	913,012.22	2035+75.00	31.50	17+75.39
317	545.16	883,941.97	912,990.33	2035+50.00	30.93	18+00.51
318	544.74	883,929.65	912,968.44	2035+25.00	30.46	18+25.63
319	544.31	883,917.33	912,946.56	2035+00.00	30.07	18+50.74
320	543.86	883,905.01	912,924.68	2034+75.00	29.78	18+75.85
321	543.40	883,892.69	912,902.80	2034+50.00	29.58	19+00.96
322	542.93	883,880.37	912,880.92	2034+25.00	29.48	19+26.07
323	542.47	883,868.07	912,859.03	2034+00.00	29.44	19+51.18
324	542.01	883,855.97	912,837.03	2033+75.00	29.27	19+76.29
325	541.54	883,844.15	912,814.88	2033+50.00	28.88	20+01.40
326	541.08	883,832.59	912,792.58	2033+25.00	28.27	20+26.51
327	540.61	883,821.31	912,770.14	2033+00.00	27.44	20+51.63
328	540.12	883,810.18	912,747.63	2032+75.00	26.55	20+76.74
329	539.64	883,799.05	912,725.12	2032+50.00	25.74	21+01.85
330	539.15	883,787.92	912,702.62	2032+25.00	25.03	21+26.95
331	538.67	883,776.80	912,680.12	2032+00.00	24.41	21+52.05
332	538.29	883,768.23	912,662.79	2031+80.75	24.00	21+77.18





RAMP F						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	ROADWAY OFFSET	RAMP STATION
<b>RAMP F</b>						
300	553.10	884,141.33	913,365.77			13+75.00
301	552.32	884,132.29	913,342.46			14+00.00
302	551.60	884,122.56	913,319.44			14+25.00
303	550.88	884,112.16	913,296.71			14+50.00
304	550.22	884,101.09	913,274.29			14+75.00
<b>ROADWAY A</b>						
305	549.65	884,090.04	913,253.44	2038+50.00	43.93	14+98.60
306	549.11	884,077.72	913,231.44	2038+25.00	42.28	15+23.81
307	548.63	884,065.35	913,209.48	2038+00.00	40.79	15+49.01
308	548.22	884,053.00	913,187.54	2037+75.00	39.38	15+74.20
309	547.88	884,040.65	913,165.60	2037+50.00	38.07	15+99.37

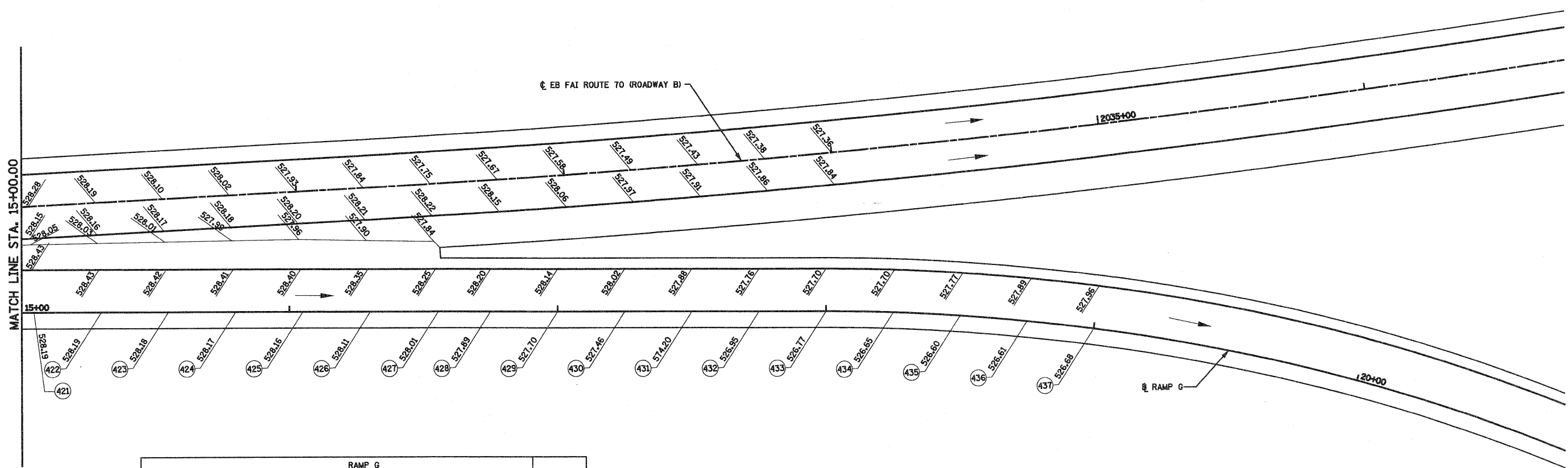




RAMP G						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	☐ ROADWAY OFFSET	RAMP STATION
ROADWAY B						
400	529.12	883,422.76	912,164.53	2025+95.69	13.00	10+00.00
401	529.11	883,423.80	912,168.71	2026+00.00	13.24	10+04.32
402	529.10	883,429.80	912,192.99	2026+25.00	14.60	10+29.33
403	529.08	883,435.76	912,217.28	2026+50.00	15.96	10+54.34
404	529.06	883,441.68	912,241.58	2026+75.00	17.32	10+79.35
405	529.02	883,447.56	912,265.88	2027+00.00	18.67	11+04.35
406	528.99	883,453.43	912,290.20	2027+25.00	20.00	11+29.37
407	528.94	883,459.31	912,314.54	2027+50.00	21.32	11+54.40
408	528.89	883,465.18	912,338.87	2027+75.00	22.64	11+79.44
409	528.83	883,471.06	912,363.21	2028+00.00	23.96	12+04.47
410	528.76	883,476.93	912,387.54	2028+25.00	25.28	12+29.51
411	528.69	883,482.81	912,411.88	2028+50.00	26.60	12+54.54
412	528.61	883,488.69	912,436.22	2028+75.00	27.92	12+79.58
413	528.54	883,494.56	912,460.55	2029+00.00	29.25	13+04.61
414	528.46	883,500.44	912,484.89	2029+25.00	30.57	13+29.65
415	528.38	883,506.31	912,509.22	2029+50.00	31.89	13+54.68
416	528.30	883,512.19	912,533.56	2029+75.00	33.21	13+79.72
417	528.22	883,518.07	912,557.89	2030+00.00	34.53	14+04.75
418	528.21	883,523.94	912,582.23	2030+25.00	35.85	14+29.79
419	528.21	883,529.82	912,606.57	2030+50.00	37.17	14+54.82
420	528.20	883,535.69	912,630.90	2030+75.00	38.49	14+79.86



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT ELEVATION DETAIL, RAMP G, SOUTH TRI LEVEL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SV:\projects\MS-0007257-70\dwg\5_Trd\pav_elev_details.dwg		DRAWN - PDB	REVISED -					57/70	(25-3)R	EFFINGHAM	1416	329
PLOT SCALE = 48,0000' / IN.		CHECKED - BRM	REVISED -		SCALE: 1"=20'			CONTRACT NO. 74296				
PLOT DATE = 2/11/2010		DATE - 2-29-08	REVISED -		SHEET NO. 11 OF 12 SHEETS			STA. 10+00.00 TO STA. 15+00.00				
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT				



RAMP G						
POINT	ELEVATION	NORTHING	EASTING	ROADWAY STATION	ROADWAY OFFSET	RAMP STATION
<b>ROADWAY B</b>						
421	528.19	883,541.57	912,655.24	2031+00.00	39.81	15+04.89
422	528.19	883,547.44	912,679.57	2031+25.00	41.13	15+29.92
423	528.18	883,553.32	912,703.91	2031+50.00	42.45	15+54.96
424	528.17	883,559.20	912,728.24	2031+75.00	43.78	15+79.99
425	528.16	883,565.07	912,752.58	2032+00.00	45.10	16+05.03
426	528.11	883,570.98	912,777.03	2032+25.00	46.44	16+30.18
427	528.01	883,576.91	912,801.62	2032+50.00	47.91	16+55.48
<b>RAMP G</b>						
428	527.89	883,581.49	912,820.59			16+75.00
429	527.70	883,587.36	912,844.90			17+00.00
430	527.46	883,593.23	912,869.20			17+25.00
431	527.20	883,599.10	912,893.50			17+50.00
432	526.95	883,604.97	912,917.80			17+75.00
433	526.77	883,610.83	912,942.10			18+00.00
434	526.65	883,616.31	912,966.49			18+25.00
435	526.60	883,620.98	912,991.05			18+50.00
436	526.61	883,624.84	913,015.75			18+75.00
437	526.68	883,627.88	913,040.57			19+00.00

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 PLOT SCALE = 40.0000' / IN.  
 PLOT DATE = 2/11/2010

USER NAME = paul  
 DESIGNED - ESW  
 DRAWN - PDB  
 CHECKED - BRM  
 DATE - 2-29-08

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

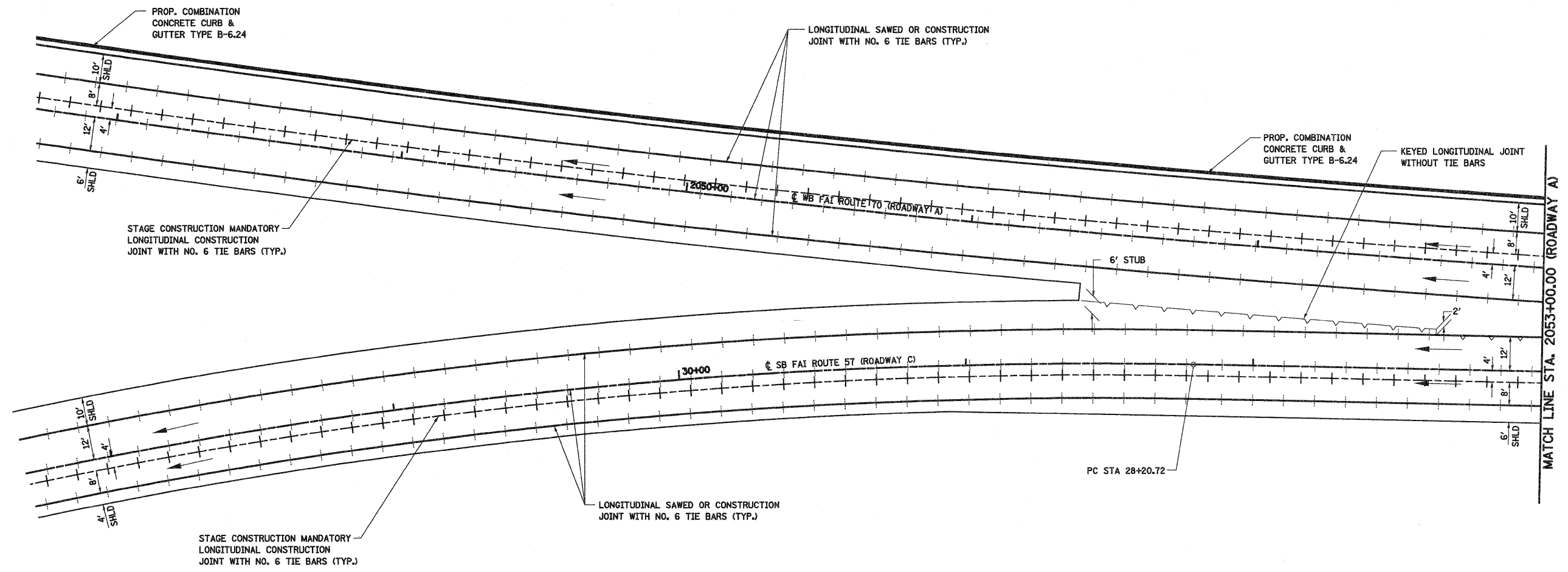
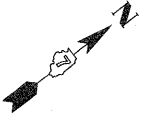
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION DETAIL, RAMP G, SOUTH TRI LEVEL**

SCALE: 1"=20' SHEET NO. 12 OF 12 SHEETS STA. 15+00.00 TO STA. 20+00.00

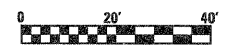
F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 330
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**CONTRACT NO. 74296**

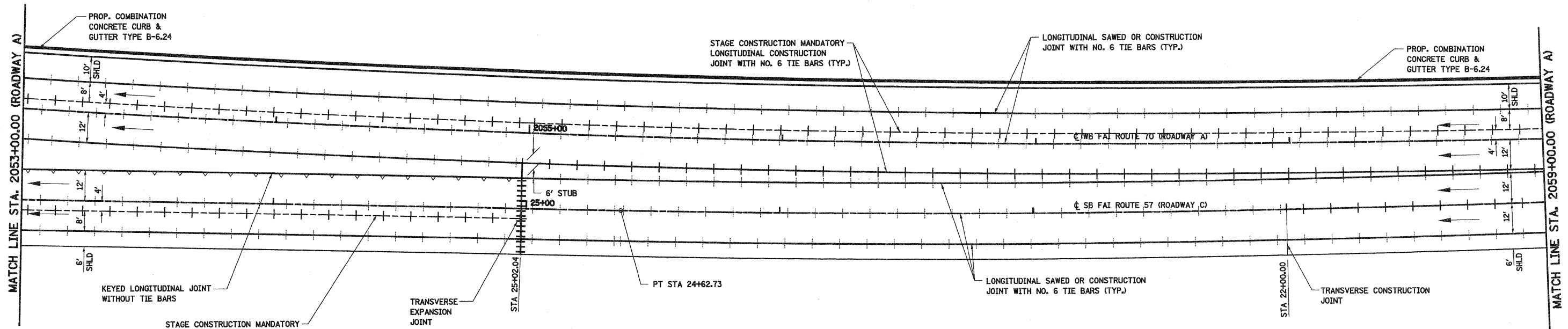
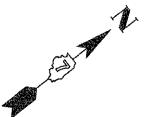


**LEGEND**

- +---+--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +---+--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +++++ TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- ||||| TRANSVERSE EXPANSION JOINT
- /-/-/-/- LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)



FILE NAME = S:\Project\103\1037257-30.dgn	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JOINTING DETAIL, SOUTH TRI LEVEL ROADWAY C</b>	F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 331		
PLOT SCALE = 40,0000' / IN.						SCALE: 1"=20'		SHEET NO. 1 OF 12 SHEETS		STA. 2048+00.00(A) TO STA. 2053+00.00(A)		CONTRACT NO. 74296
PLOT DATE = 2/11/2010						DATE - - -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



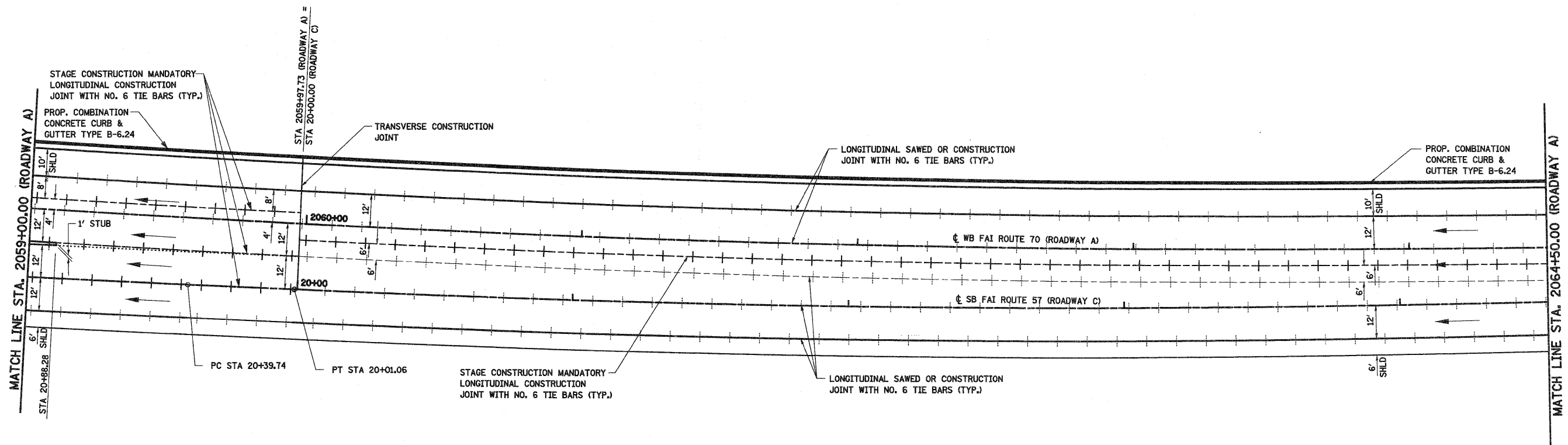
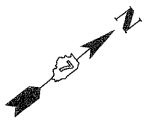
**LEGEND**

- +--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- - - - - TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- +++++ TRANSVERSE EXPANSION JOINT
- ~ ~ ~ LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)



FILE NAME = S:\Project\MO 74296\74296.dwg	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JOINTING DETAIL, SOUTH TRI LEVEL ROADWAY C</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / IN.	DRAWN - WJS	REVISED -					57/70	(25-3)R	EFFINGHAM	1416	332
PLOT DATE = 2/11/2010	DATE - - -	CHECKED - BRM	REVISED -	SCALE: 1"=20'			SHEET NO. 2 OF 12 SHEETS		STA. 2053+00.00(A) TO STA. 2059+00.00(A)		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
											<b>CONTRACT NO. 74296</b>	



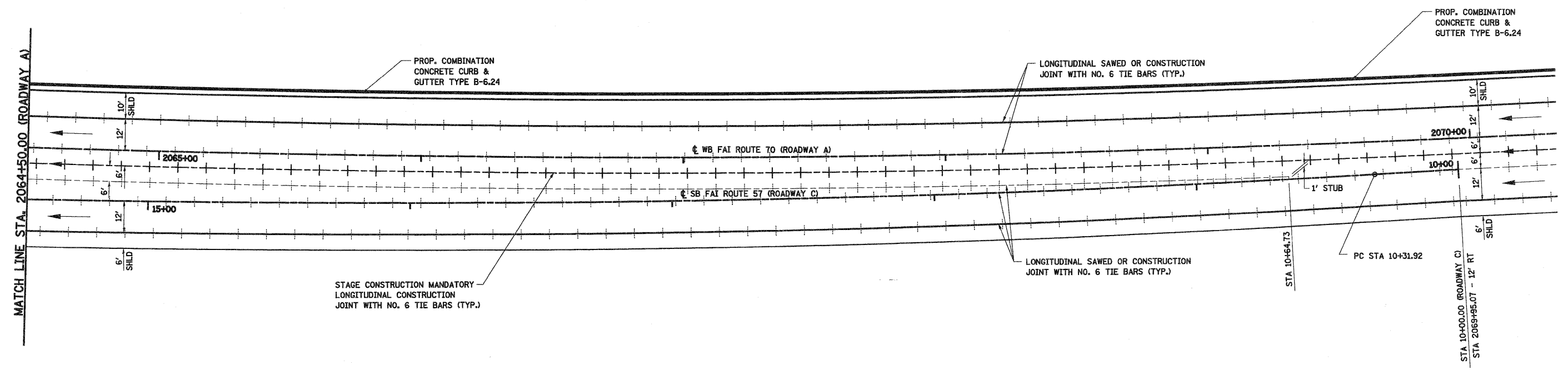
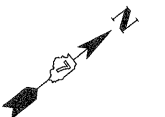


**LEGEND**

- +---+--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +---+--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +---+--- TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- +++++ TRANSVERSE EXPANSION JOINT
- +---+--- LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JOINTING DETAIL, SOUTH TRI LEVEL ROADWAY C</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
SV:\projects\MS 8872.57-70\p15 Trk\Jointing.dgn	PLOT SCALE = 48.0000' / IN.	DRAWN - WJS	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	333	
PLOT DATE = 2/11/2010	DATE - - -	CHECKED - BRM	REVISED -			CONTRACT NO. 74296					
		DATE - - -	REVISED -			SCALE: 1"=20'		SHEET NO. 3 OF 12 SHEETS		STA. 2059+00.00(A) TO STA. 2064+50.00(A)	

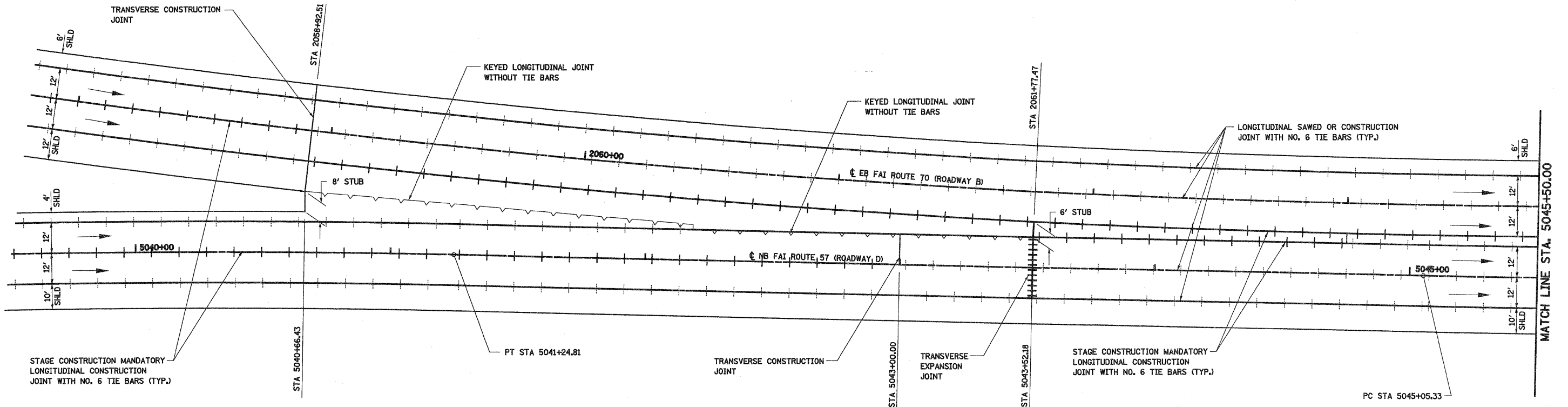
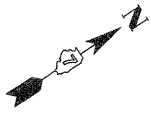


**LEGEND**

- +--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- ||||| TRANSVERSE EXPANSION JOINT
- ~~~~~ LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)



FILE NAME = S:\Projects\MO 007257-7\Drawings\JointDetail.dwg	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JOINTING DETAIL, SOUTH TRI LEVEL ROADWAY C</b>	F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 334
	PLOT SCALE = 40,0000' / IN.	DRAWN - WJS	REVISED -			CONTRACT NO. 74296				
	PLOT DATE = 2/11/2010	CHECKED - BRM	REVISED -			SCALE: 1"=20' SHEET NO. 4 OF 12 SHEETS STA. 2070+32.80(A) TO STA. 2064+50.00(A) FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	DATE - - -	DATE - - -	REVISED -							

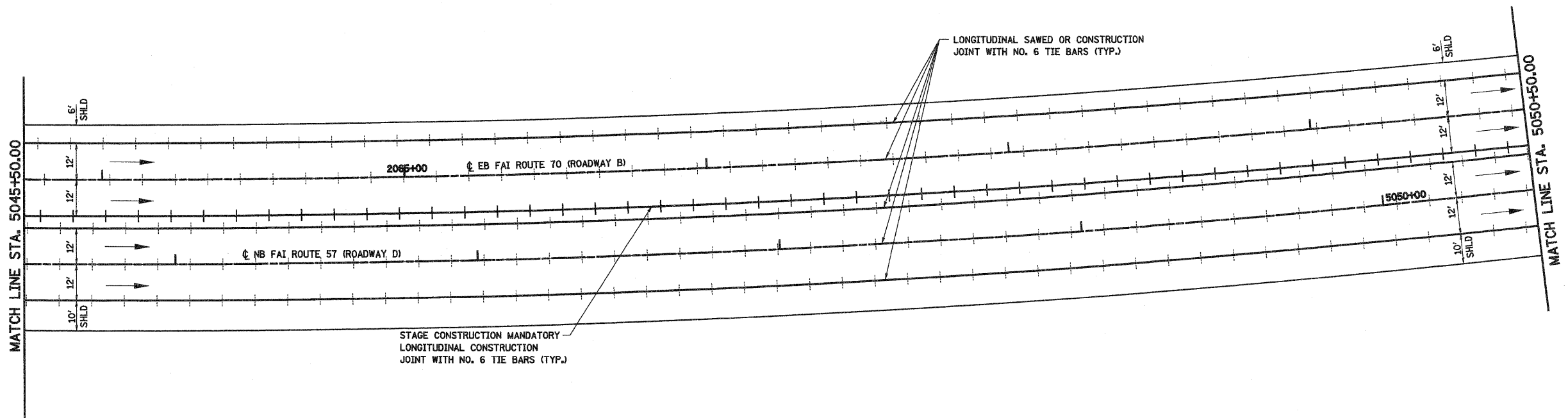
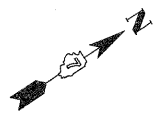


**LEGEND**

- +---+--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +---+--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +++++ TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- ||||| TRANSVERSE EXPANSION JOINT
- /---/--- LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JOINTING DETAIL, SOUTH TRI LEVEL ROADWAY D</b>			F.A.I RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 335		
5:\projects\483-00072.57-70.dgn\5 Tri-Lvl\jointdetail.dgn		DRAWN - WJS	REVISED -		SCALE: 1"=20'			SHEET NO. 5 OF 12 SHEETS			STA. 5039+50.00 TO STA. 5045+50.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
		CHECKED - BRM	REVISED -					CONTRACT NO. 74296						
		DATE - - -	REVISED -											

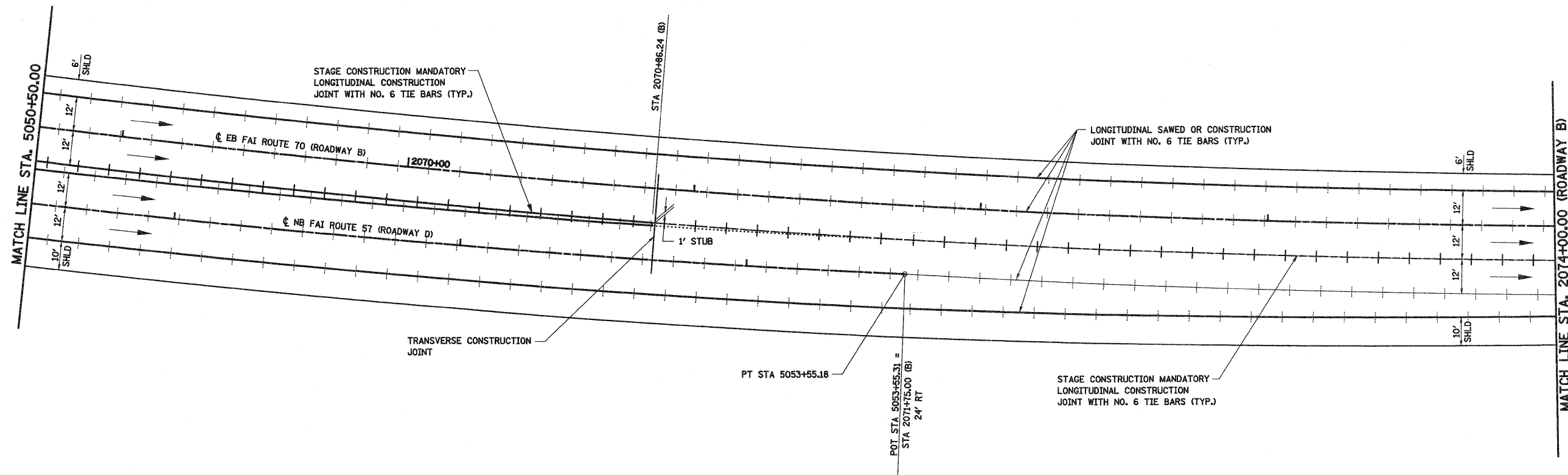


**LEGEND**

- +--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +++++ TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- ||||| TRANSVERSE EXPANSION JOINT
- ~ LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JOINTING DETAIL, SOUTH TRI LEVEL ROADWAY D</b>	F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 336
Plot Scale = 40,0000' / IN.	DRAWN - WJS	REVISED -	REVISED -			CONTRACT NO. 74296				
PLOT DATE = 2/11/2010	CHECKED - BRM	REVISED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	DATE - - -	REVISED -	REVISED -			SCALE: 1"=20' SHEET NO. 6 OF 12 SHEETS STA. 5045+50.00 TO STA. 5050+50.00				

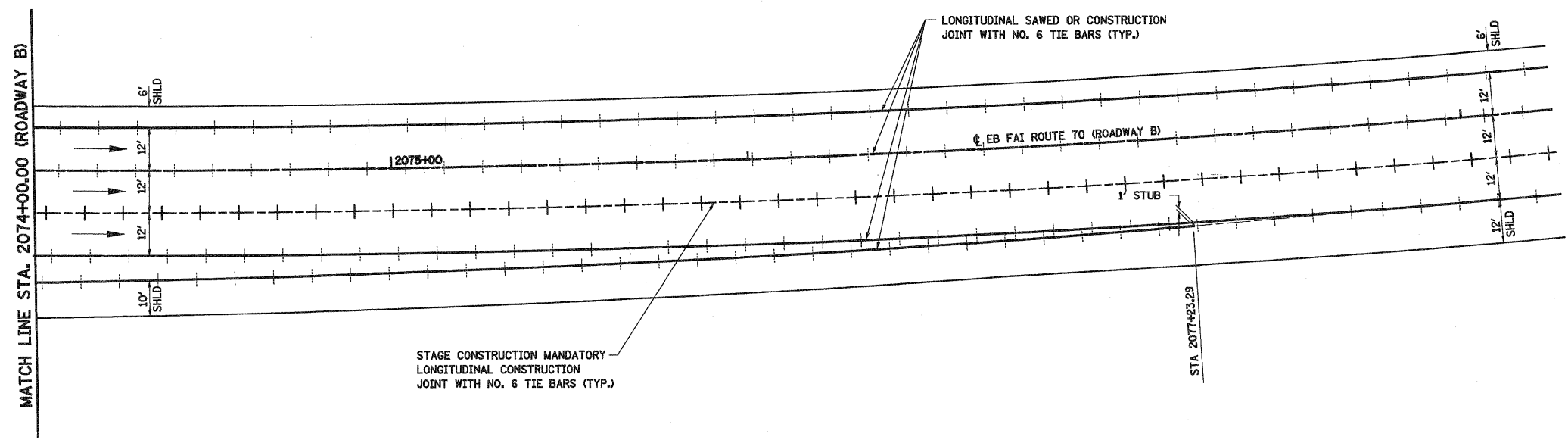
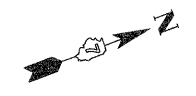


**LEGEND**

- +--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- +++++ TRANSVERSE EXPANSION JOINT
- LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JOINTING DETAIL, SOUTH TRI LEVEL ROADWAY D</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5:\projects\183-11172-57-70\dgn\5 Tr.Lvl.JointDetail.dgn		DRAWN - WJS	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	337	
PLOT SCALE = 48,00000 ' / IN.		CHECKED - BRM	REVISED -			CONTRACT NO. 74296					
PLOT DATE = 2/11/2010		DATE - - -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1"=20'		SHEET NO. 7 OF 12 SHEETS		STA. 5050+50.00 TO STA. 2074+00.00(B)		

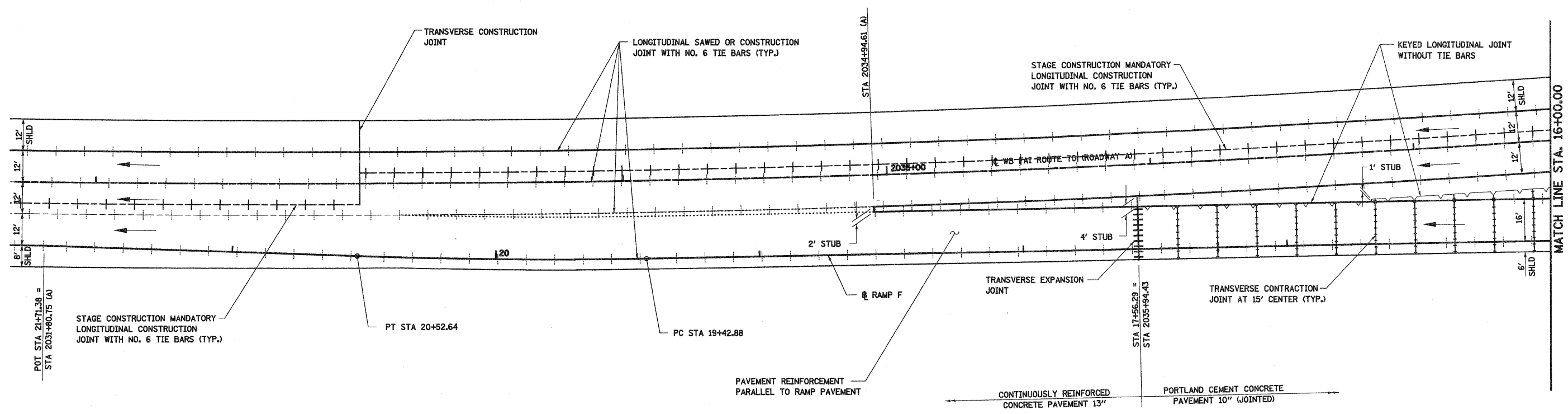
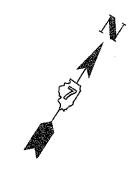


**LEGEND**

- +--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +--- TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- +++++ TRANSVERSE EXPANSION JOINT
- /--- LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)



FILE NAME = <small>S:\projects\103-0002\2.57-70\dwg\5 Trk\LA\jointdetail.dgn</small>	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>JOINTING DETAIL, SOUTH TRI LEVEL ROADWAY D</b>	F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 338
	PLOT SCALE = 40.0000' / IN.	DRAWN - WJS	REVISED -			SCALE: 1"=20'	SHEET NO. 8 OF 12 SHEETS	STA. 2074+00.00(B) TO STA. 2080+55.76(B)	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 74296
	PLOT DATE = 2/11/2010	CHECKED - BRM	REVISED -			DATE - - -	REVISED -			



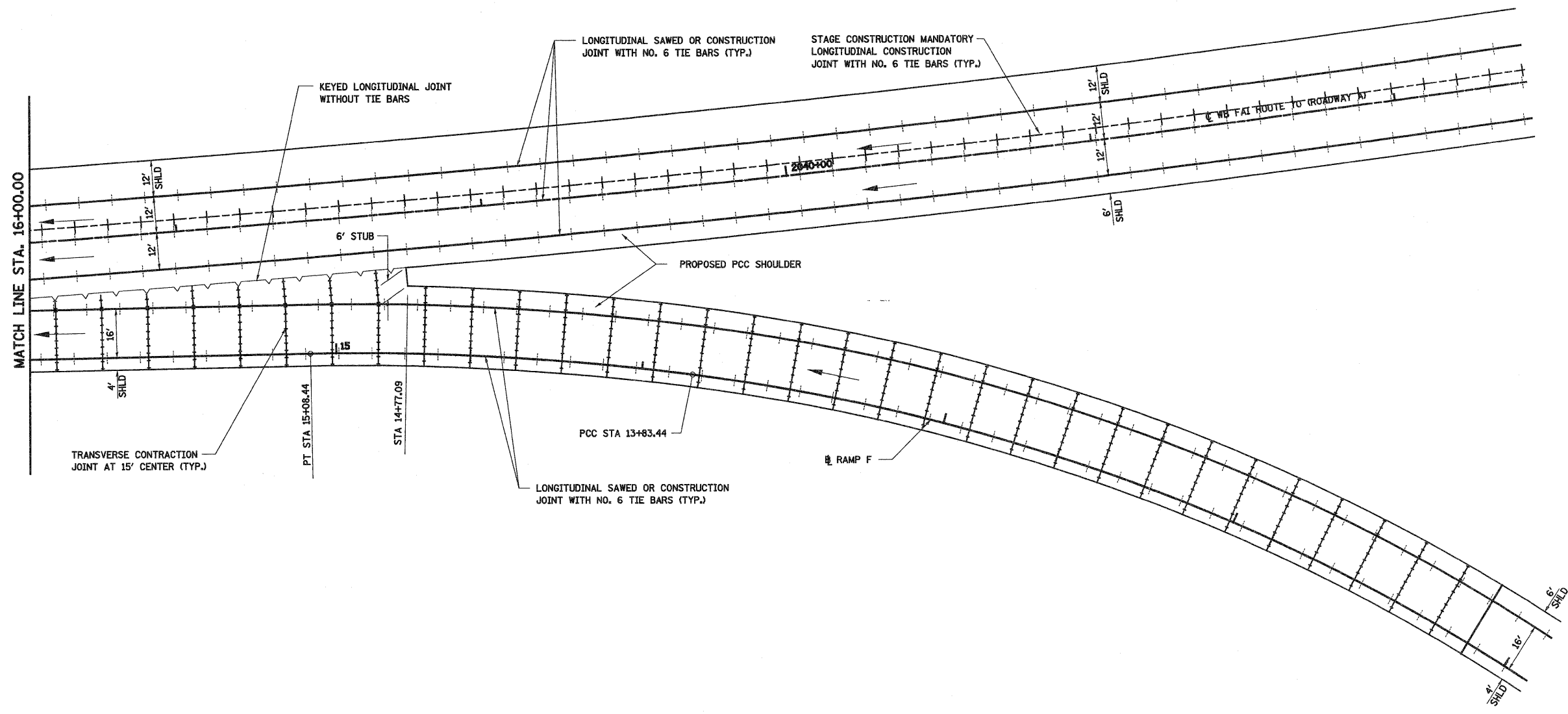
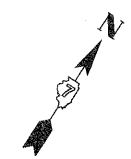
**LEGEND**

- +--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +++++ TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- ||||| TRANSVERSE EXPANSION JOINT
- ~ LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)

NOTE:  
TRANSVERSE CONTRACTION JOINT  
SPACING AT 15' UNLESS OTHERWISE NOTED.



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JOINTING DETAIL, SOUTH TRI LEVEL RAMP F</b>	F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 339
SVProject\MS 88872.57\Draw\5 Trk\A\jointing.dwg		DRAWN - WJS	REVISED -							
		CHECKED - BRM	REVISED -							
		DATE - - -	REVISED -							
					SCALE: 1"=20'	SHEET NO. 9 OF 12 SHEETS	STA. 16+00.00 TO STA. 21+71.38	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	
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**LEGEND**

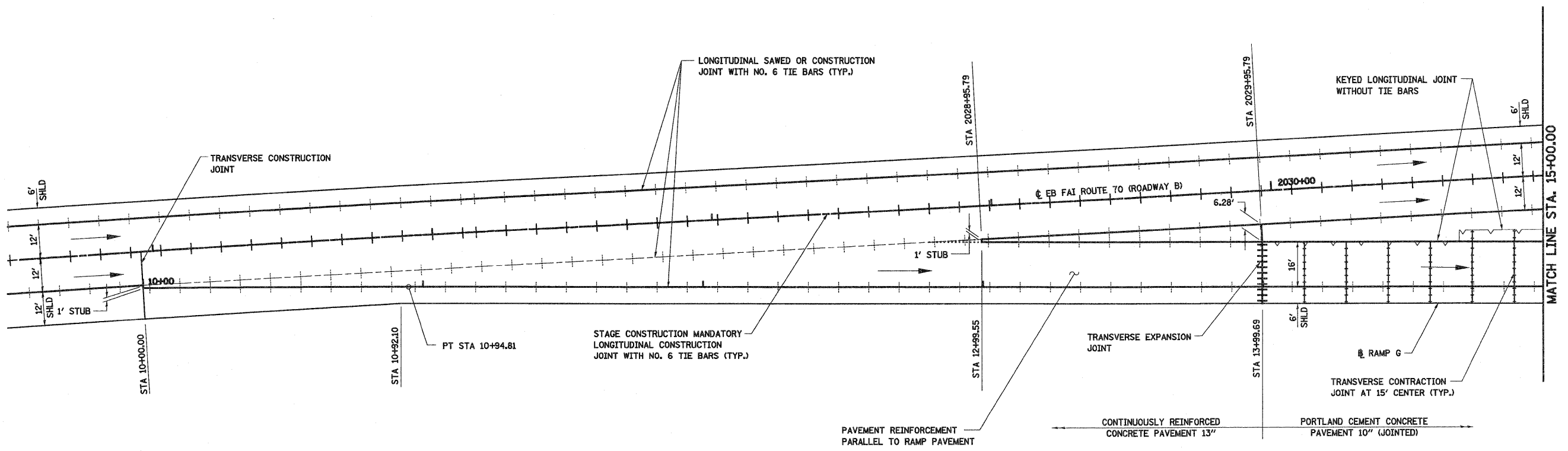
- +--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- +++++ TRANSVERSE EXPANSION JOINT
- LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)

NOTE:  
TRANSVERSE CONTRACTION JOINT SPACING AT 15' UNLESS OTHERWISE NOTED.



FILE NAME =	USER NAME = paul	DESIGNED - ESW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JOINTING DETAIL, SOUTH TRI LEVEL RAMP F</b>			F.A.I RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 340
SV\p\paul\1483-2011\25-3R\10.dgn		DRAWN - WJS	REVISED -		SCALE: 1"=20'	SHEET NO. 10 OF 12 SHEETS	STA. 11+00.00 TO STA. 16+00.00	CONTRACT NO. 74296				
		CHECKED - BRM	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - - -	REVISED -									

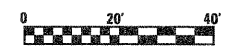




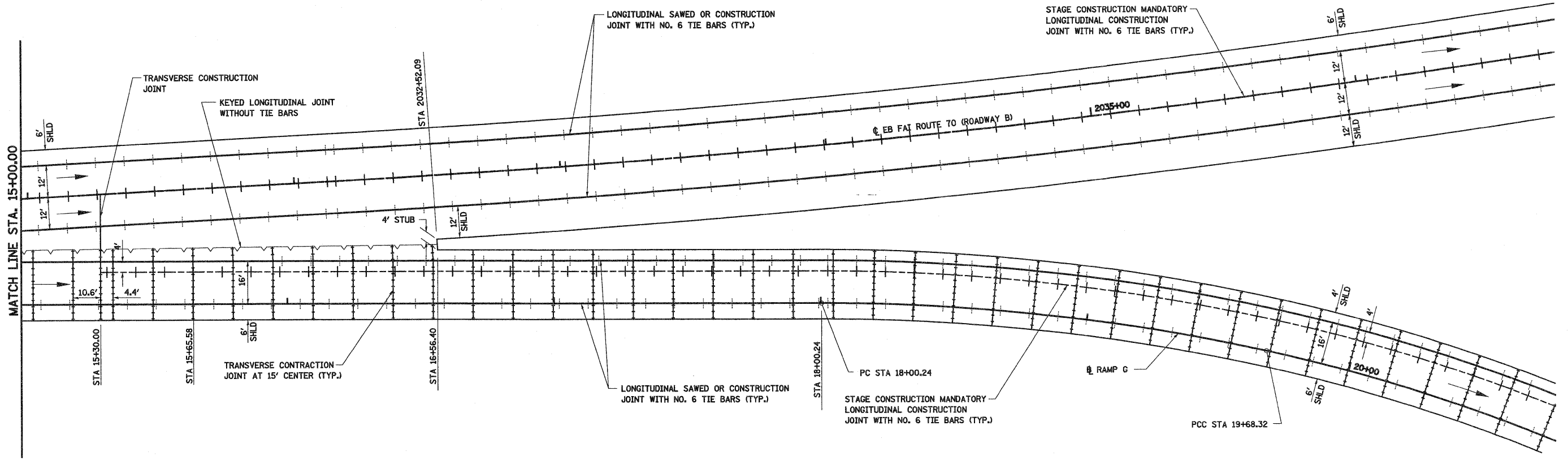
**LEGEND**

- +--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +--- TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- +++++ TRANSVERSE EXPANSION JOINT
- +--- LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)

NOTE:  
TRANSVERSE CONTRACTION JOINT SPACING AT 15' UNLESS OTHERWISE NOTED.



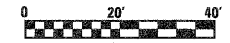
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	PLOT SCALE = 48,00000' / IN.	DRAWN - WJS	REVISED -				SCALE: 1"=20'		SHEET NO. 11 OF 12 SHEETS	STA. 10+00.00 TO STA. 15+00.00	CONTRACT NO. 74296
PLOT DATE = 2/11/2010	DATE - - -	CHECKED - BRM	REVISED -								
		DATE - - -	REVISED -								



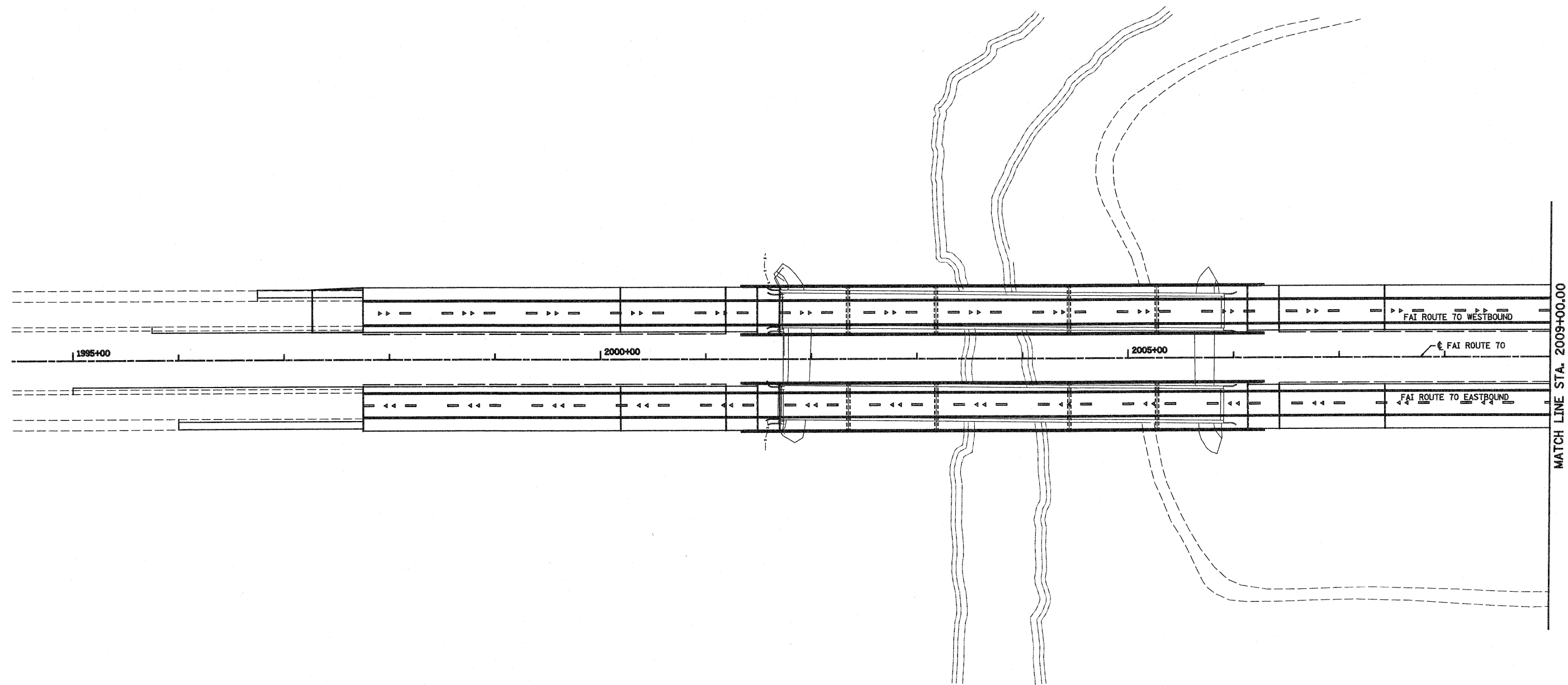
**LEGEND**

- +---+--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +---+--- LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS (TYP.)
- +---+--- TRANSVERSE CONTRACTION JOINT AT 15' CENTERS (TYP.)
- +++++ TRANSVERSE EXPANSION JOINT
- +---+--- LONGITUDINAL KEYED JOINT (WITHOUT TIE BARS)

NOTE:  
TRANSVERSE CONTRACTION JOINT SPACING AT 15' UNLESS OTHERWISE NOTED.



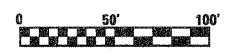
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57/70	(25-3)R	EFFINGHAM	1416			342					
						<b>CONTRACT NO. 74296</b>					
						ILLINOIS FED. AID PROJECT					
PLOT SCALE = 40.0000' / IN.		DRAWN - WJS		SCALE: 1"=20'		SHEET NO. 12 OF 12 SHEETS		STA. 15+00.00 TO STA. 20+00.00		FED. ROAD DIST. NO.	
PLOT DATE = 2/11/2010		CHECKED - BRM									
		DATE - - -									
		REVISED -									
		REVISED -									
		REVISED -									



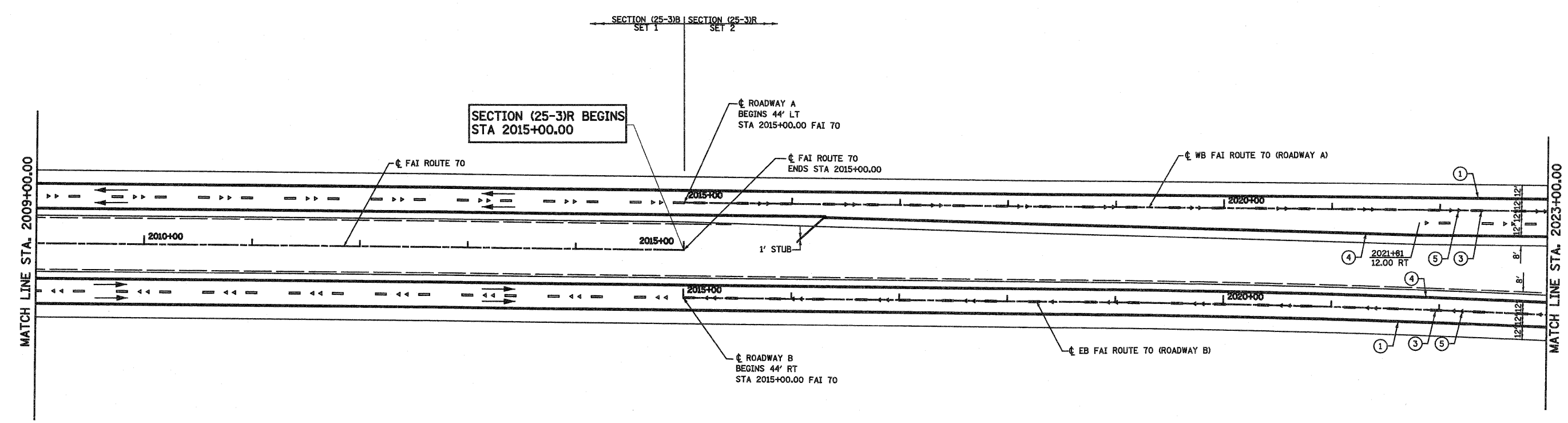
**LEGEND**

- ① URETHANE PAVEMENT MARKING LINE - 4" SOLID WHITE EDGE LINE
- ② URETHANE PAVEMENT MARKING LINE - 12" SOLID WHITE
- ③ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (10')
- ④ URETHANE PAVEMENT MARKING LINE - 4" SOLID YELLOW
- ⑤ RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- ⑥ RAISED REFLECTIVE PAVEMENT MARKERS - AMBER, ONE-WAY
- ⑦ URETHANE PAVEMENT MARKING LINE - 8" SOLID WHITE
- ⑧ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (3' SEE DETAIL)
- ⑨ URETHANE PAVEMENT MARKING LINE - 12" SOLID YELLOW

FOR INFORMATION ONLY



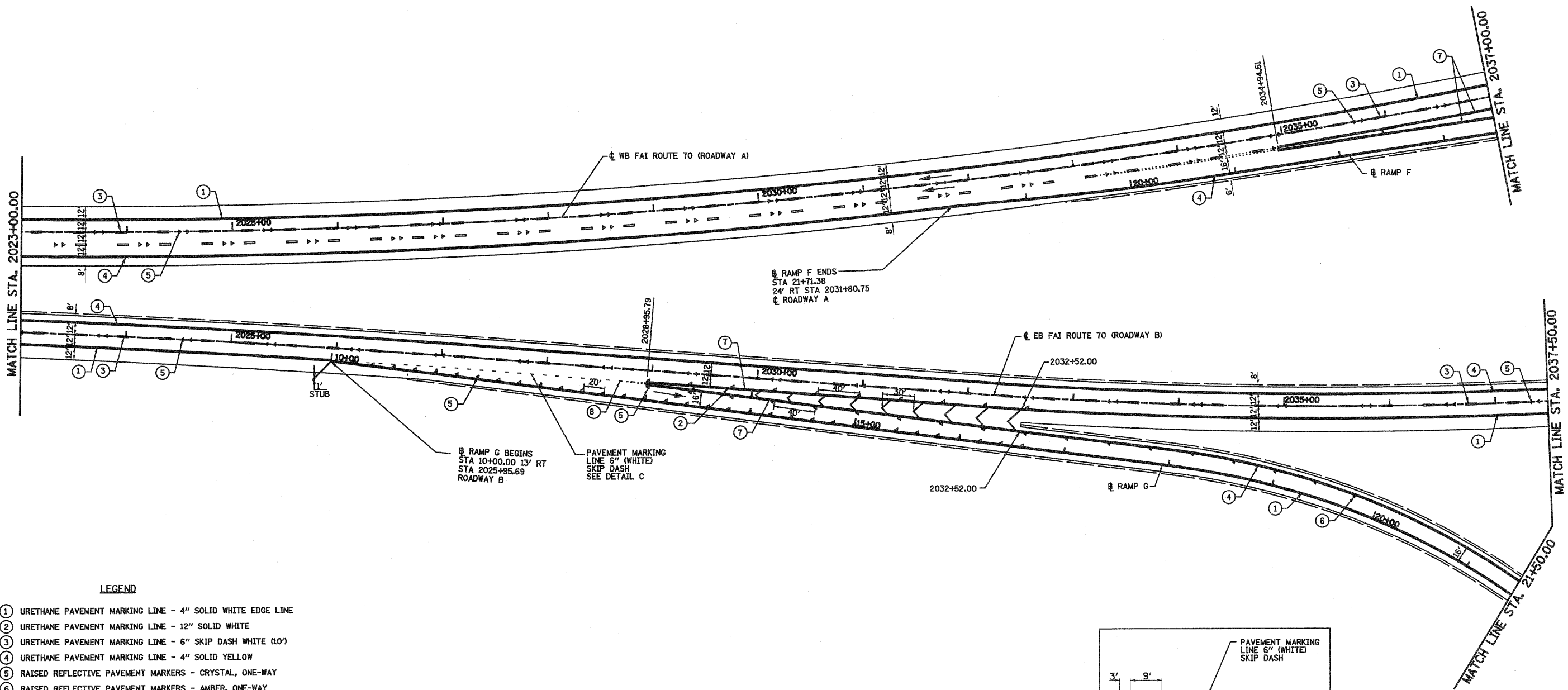
FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING, SOUTH TRI LEVEL I-70</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PROJECT = 0007.57-70.dgn		DRAWN - PDB	REVISED -			57/70	(25-3R)	EFFINGHAM	1416	343	
	PLOT SCALE = 100.0000' / IN.	CHECKED - BRM	REVISED -			SCALE: 1"=50'		SHEET NO. 1 OF 10 SHEETS		STA. 2005+92.13 TO STA. 2009+00.00	
	PLOT DATE = 3/19/2010	DATE - 3-04-08	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 74296	



- ① URETHANE PAVEMENT MARKING LINE - 4" SOLID WHITE EDGE LINE
- ② URETHANE PAVEMENT MARKING LINE - 12" SOLID WHITE
- ③ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (10')
- ④ URETHANE PAVEMENT MARKING LINE - 4" SOLID YELLOW
- ⑤ RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- ⑥ RAISED REFLECTIVE PAVEMENT MARKERS - AMBER, ONE-WAY
- ⑦ URETHANE PAVEMENT MARKING LINE - 8" SOLID WHITE
- ⑧ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (3' SEE DETAIL)
- ⑨ URETHANE PAVEMENT MARKING LINE - 12" SOLID YELLOW

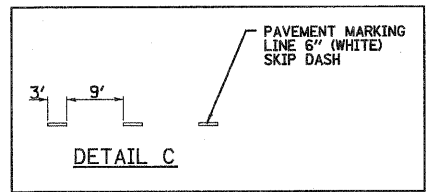


FILE NAME = s:\projects\0007257-70.dgn\5 Tri\paul.stn	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING, SOUTH TRI LEVEL I-70</b>	F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 344		
PLOT SCALE = 100.0000' / IN.	CHECKED - BRM	REVISOR -	REVISOR -			SCALE: 1"=50'	SHEET NO. 2 OF 10 SHEETS	STA. 2009+00.00 TO STA. 2023+00.00	CONTRACT NO. 74296			
PLOT DATE = 3/19/2010	DATE - 3-04-08	REVISOR -	REVISOR -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



**LEGEND**

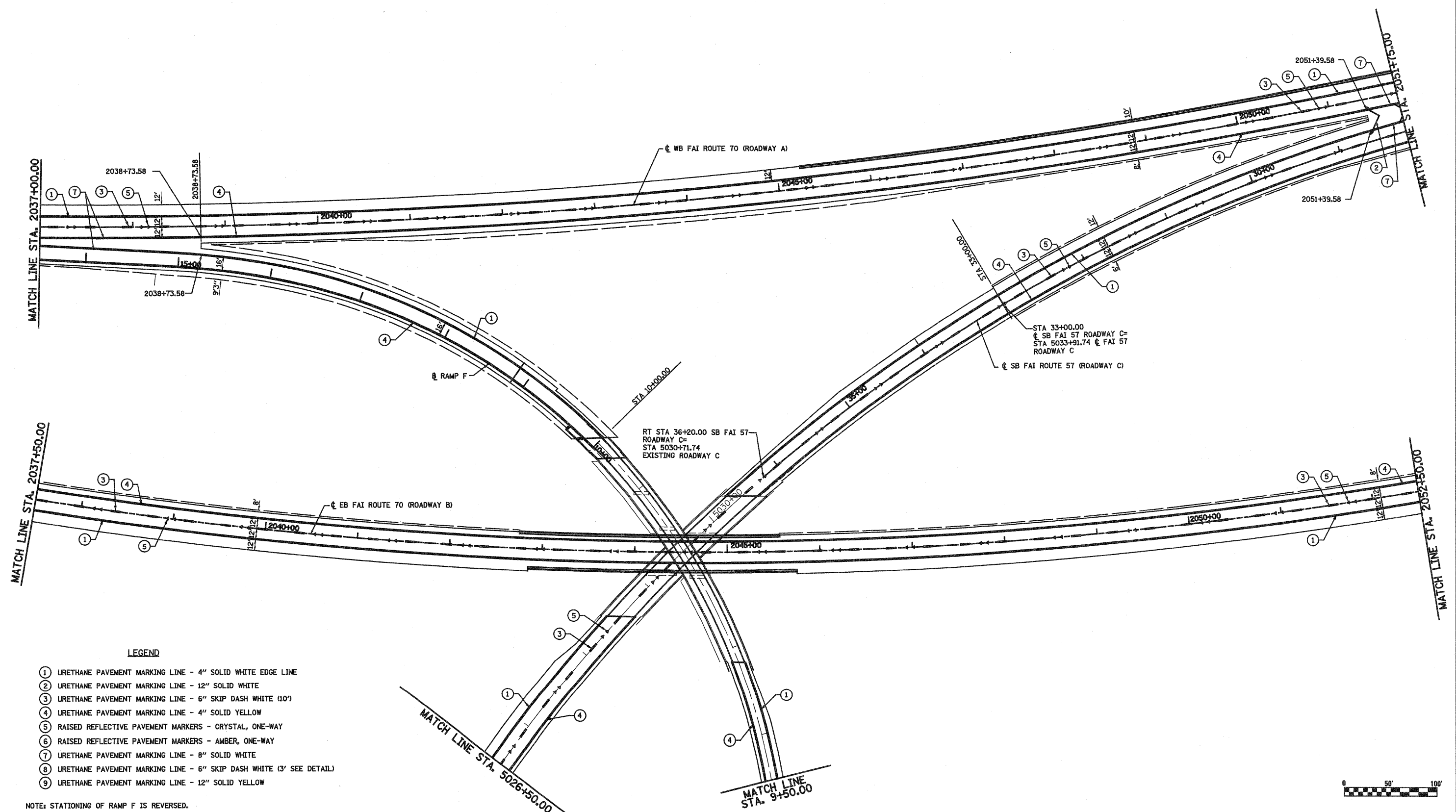
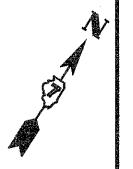
- ① URETHANE PAVEMENT MARKING LINE - 4" SOLID WHITE EDGE LINE
- ② URETHANE PAVEMENT MARKING LINE - 12" SOLID WHITE
- ③ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (10')
- ④ URETHANE PAVEMENT MARKING LINE - 4" SOLID YELLOW
- ⑤ RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- ⑥ RAISED REFLECTIVE PAVEMENT MARKERS - AMBER, ONE-WAY
- ⑦ URETHANE PAVEMENT MARKING LINE - 8" SOLID WHITE
- ⑧ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (3' SEE DETAIL)
- ⑨ URETHANE PAVEMENT MARKING LINE - 12" SOLID YELLOW



NOTE: STATIONING OF RAMP F IS REVERSED.

FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING, SOUTH TRI LEVEL I-70</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PROJECT NO. 000257-000101	PLOT SCALE = 100.0000' / IN.	DRAWN - PDB	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	345	
PLOT DATE = 3/19/2010	DATE - 3-04-08	CHECKED - BRM	REVISED -			CONTRACT NO. 74296					
		DATE - 3-04-08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SCALE: 1"=50' SHEET NO. 3 OF 10 SHEETS STA. 2023+00.00 TO STA. 2037+50.00



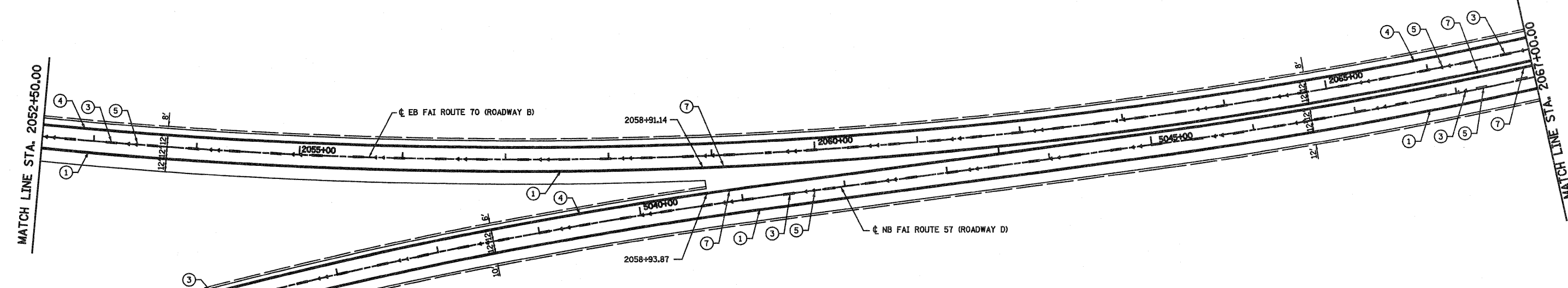
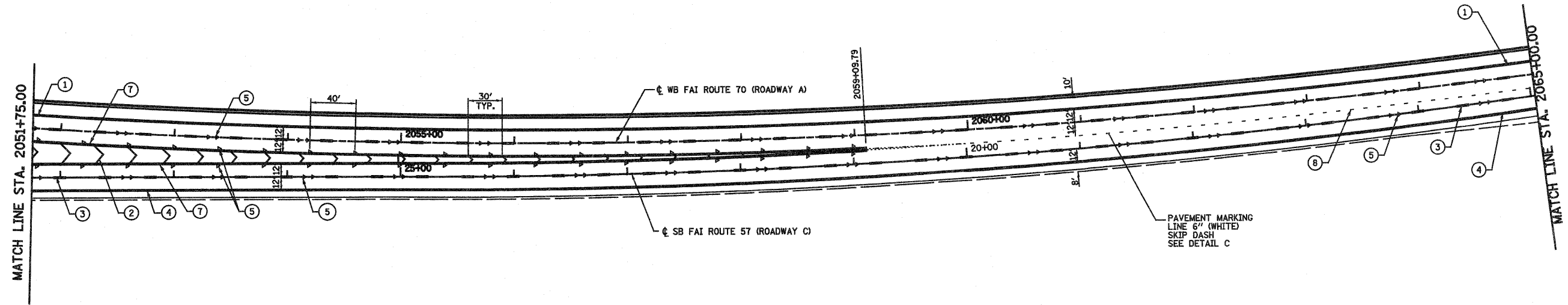
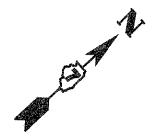
**LEGEND**

- ① URETHANE PAVEMENT MARKING LINE - 4" SOLID WHITE EDGE LINE
- ② URETHANE PAVEMENT MARKING LINE - 12" SOLID WHITE
- ③ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (10')
- ④ URETHANE PAVEMENT MARKING LINE - 4" SOLID YELLOW
- ⑤ RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- ⑥ RAISED REFLECTIVE PAVEMENT MARKERS - AMBER, ONE-WAY
- ⑦ URETHANE PAVEMENT MARKING LINE - 8" SOLID WHITE
- ⑧ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (3' SEE DETAIL)
- ⑨ URETHANE PAVEMENT MARKING LINE - 12" SOLID YELLOW

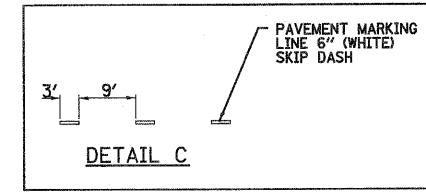
NOTE: STATIONING OF RAMP F IS REVERSED.



FILE NAME = s:\projects\8872.57-70.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING, SOUTH TRI LEVEL I-57/70</b>		F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 346
	PLOT SCALE = 100.0000' / IN.	CHECKED - BRM	REVISED -				SCALE: 1"=50'		SHEET NO. 4 OF 10 SHEETS	STA. 2037+50.00 TO STA. 2052+50.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
PLOT DATE = 3/19/2010	DATE - 3-04-08	REVISED -	REVISED -	CONTRACT NO. 74296							



- LEGEND**
- ① URETHANE PAVEMENT MARKING LINE - 4" SOLID WHITE EDGE LINE
  - ② URETHANE PAVEMENT MARKING LINE - 12" SOLID WHITE
  - ③ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (10')
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  - ⑤ RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
  - ⑥ RAISED REFLECTIVE PAVEMENT MARKERS - AMBER, ONE-WAY
  - ⑦ URETHANE PAVEMENT MARKING LINE - 8" SOLID WHITE
  - ⑧ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (3' SEE DETAIL)
  - ⑨ URETHANE PAVEMENT MARKING LINE - 12" SOLID YELLOW



FILE NAME =  
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USER NAME = paul  
 PLOT SCALE = 100.0000' / IN.  
 PLOT DATE = 3/19/2010

DESIGNED - JWS  
 DRAWN - PDB  
 CHECKED - BRM  
 DATE - 3-04-08

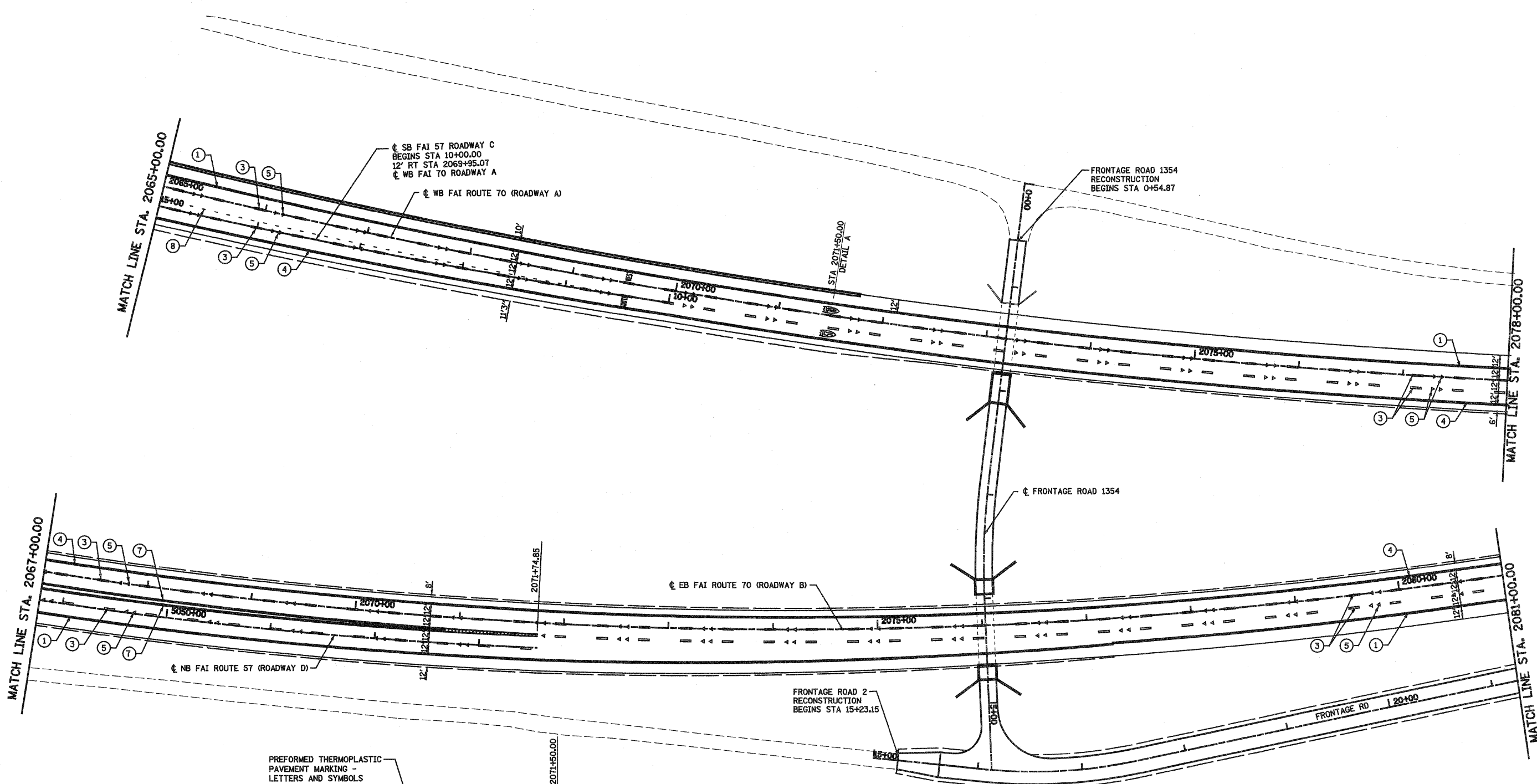
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

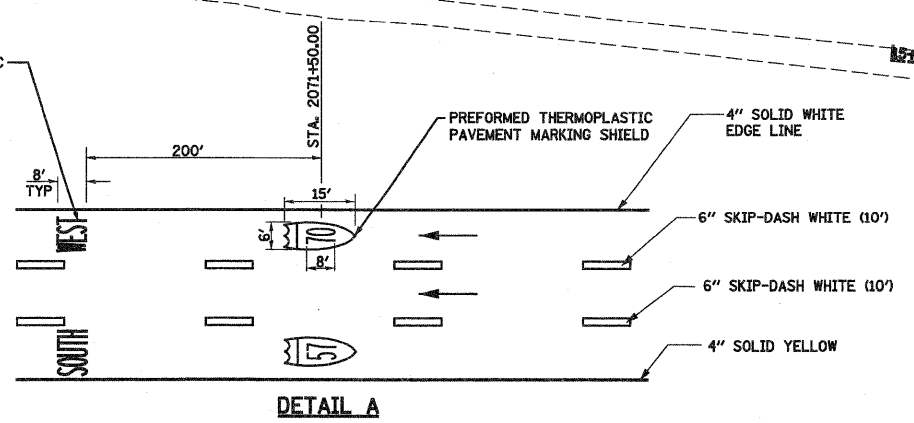
**PAVEMENT MARKING, SOUTH TRI LEVEL I-57/70**

SCALE: 1"=50'    SHEET NO. 5 OF 10 SHEETS    STA. 2052+50.00 TO STA. 2067+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3)R	EFFINGHAM	1416	347
CONTRACT NO. 74296				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

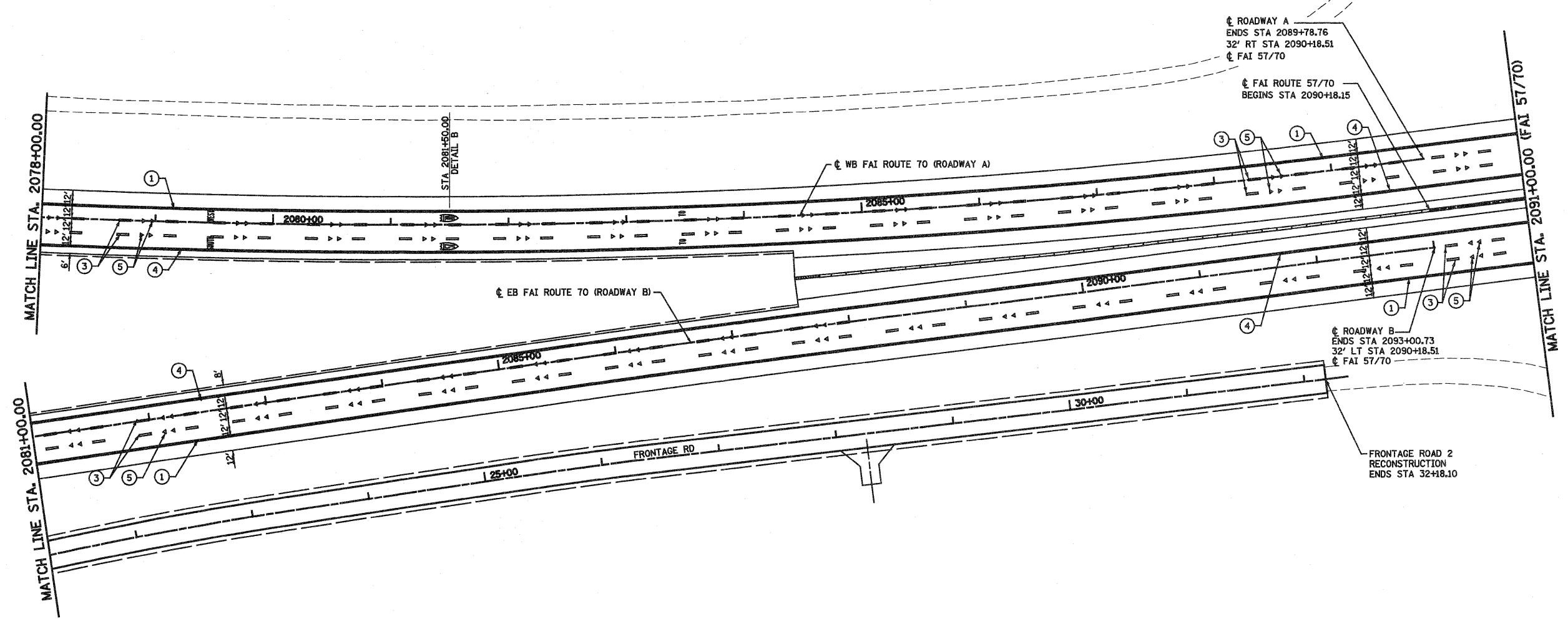


- LEGEND**
- ① URETHANE PAVEMENT MARKING LINE - 4" SOLID WHITE EDGE LINE
  - ② URETHANE PAVEMENT MARKING LINE - 12" SOLID WHITE
  - ③ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (10')
  - ④ URETHANE PAVEMENT MARKING LINE - 4" SOLID YELLOW
  - ⑤ RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
  - ⑥ RAISED REFLECTIVE PAVEMENT MARKERS - AMBER, ONE-WAY
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  - ⑧ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (3' SEE DETAIL)
  - ⑨ URETHANE PAVEMENT MARKING LINE - 12" SOLID YELLOW



FILE NAME =	USER NAME = betaj	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING, SOUTH TRI LEVEL I-57/70</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PROJECT = 0007257-70.dwg	PLOT SCALE = 100.0000' / IN.	DRAWN - PDB	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	348	
	PLOT DATE = 3/19/2010	CHECKED - BRM	REVISED -			SCALE: 1"=50'		SHEET NO. 6 OF 10 SHEETS		STA. 2067+00.00 TO STA. 2081+00.00	
		DATE - 3-04-08	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 74296	

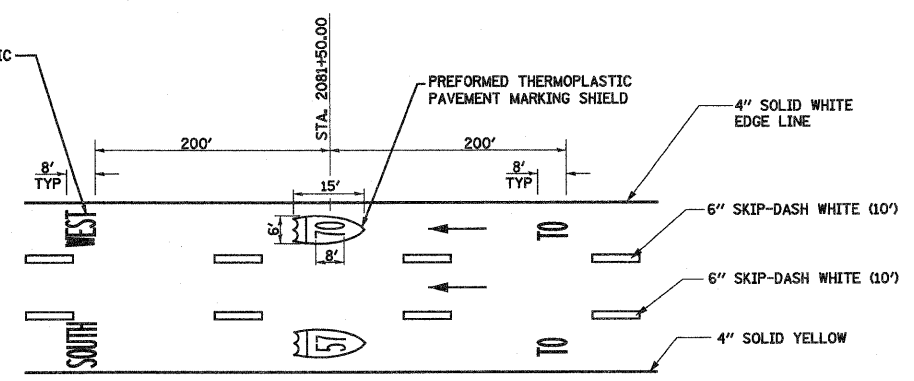




**LEGEND**

- ① URETHANE PAVEMENT MARKING LINE - 4" SOLID WHITE EDGE LINE
- ② URETHANE PAVEMENT MARKING LINE - 12" SOLID WHITE
- ③ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (10')
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- ⑨ URETHANE PAVEMENT MARKING LINE - 12" SOLID YELLOW

PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS



**DETAIL B**



FILE NAME =  
 s:\projects\08072517\pdm\15 Trk1\pml.rtdgn

USER NAME = betaj  
 PLOT SCALE = 100.0000' / IN.  
 PLOT DATE = 3/19/2010

DESIGNED - JWS  
 DRAWN - PDB  
 CHECKED - BRM  
 DATE - 3-04-08

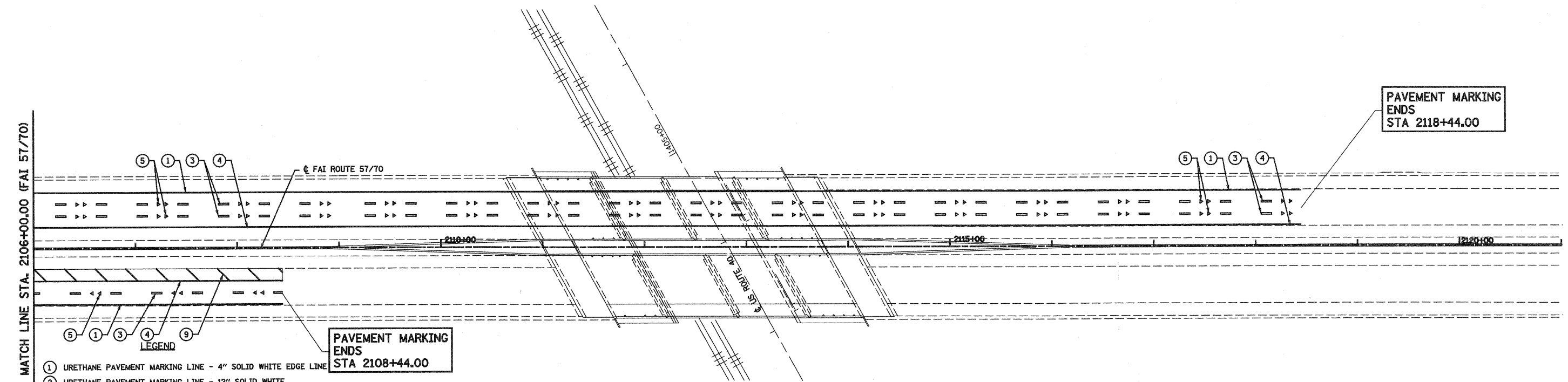
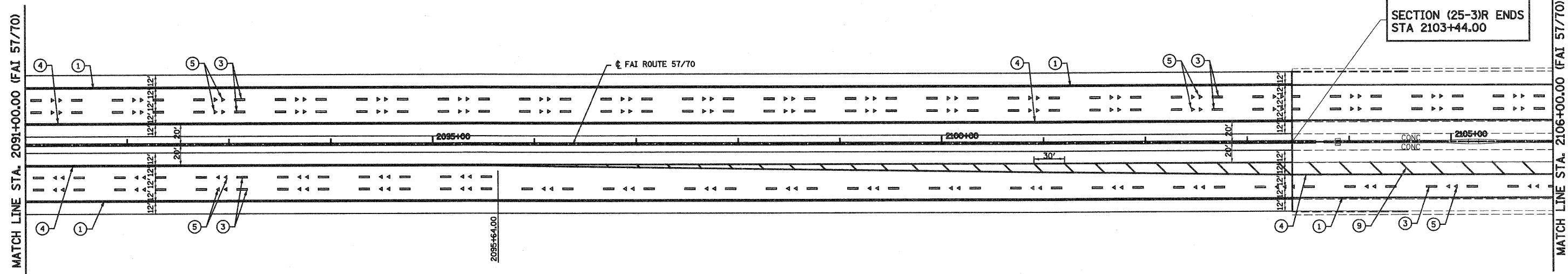
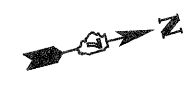
REVISED -  
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SOUTH TRI LEVEL 157/70**

SCALE: 1"=50' SHEET NO. 7 OF 10 SHEETS STA. 2081+00.00 TO STA. 2091+00.00

F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 349
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
<b>CONTRACT NO. 74296</b>				



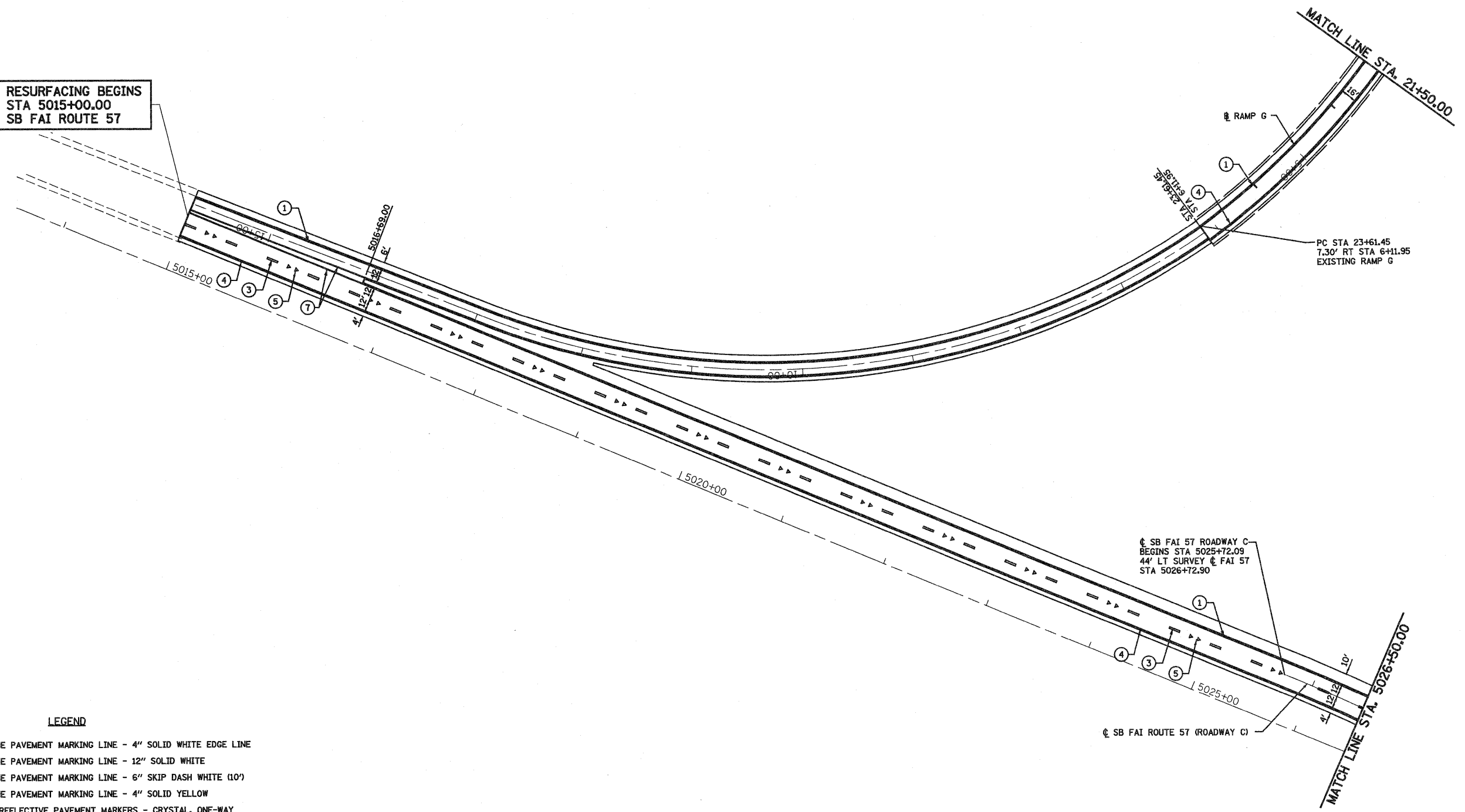
- LEGEND**
- ① URETHANE PAVEMENT MARKING LINE - 4" SOLID WHITE EDGE LINE
  - ② URETHANE PAVEMENT MARKING LINE - 12" SOLID WHITE
  - ③ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (10')
  - ④ URETHANE PAVEMENT MARKING LINE - 4" SOLID YELLOW
  - ⑤ RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
  - ⑥ RAISED REFLECTIVE PAVEMENT MARKERS - AMBER, ONE-WAY
  - ⑦ URETHANE PAVEMENT MARKING LINE - 8" SOLID WHITE
  - ⑧ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (3' SEE DETAIL)
  - ⑨ URETHANE PAVEMENT MARKING LINE - 12" SOLID YELLOW



FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING, SOUTH TRI LEVEL I-57/70</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PROJECT = 0007.57-70.dgn		DRAWN - PDB	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	350	
PLOT SCALE = 100.0000' / IN.		CHECKED - BRM	REVISED -			<b>CONTRACT NO. 74296</b>					
PLOT DATE = 3/23/2010		DATE - 3-04-08	REVISED -			SCALE: 1"=50' SHEET NO. 8 OF 10 SHEETS STA. 2091+00.00 TO STA. 2103+44.00 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



RESURFACING BEGINS  
STA 5015+00.00  
SB FAI ROUTE 57

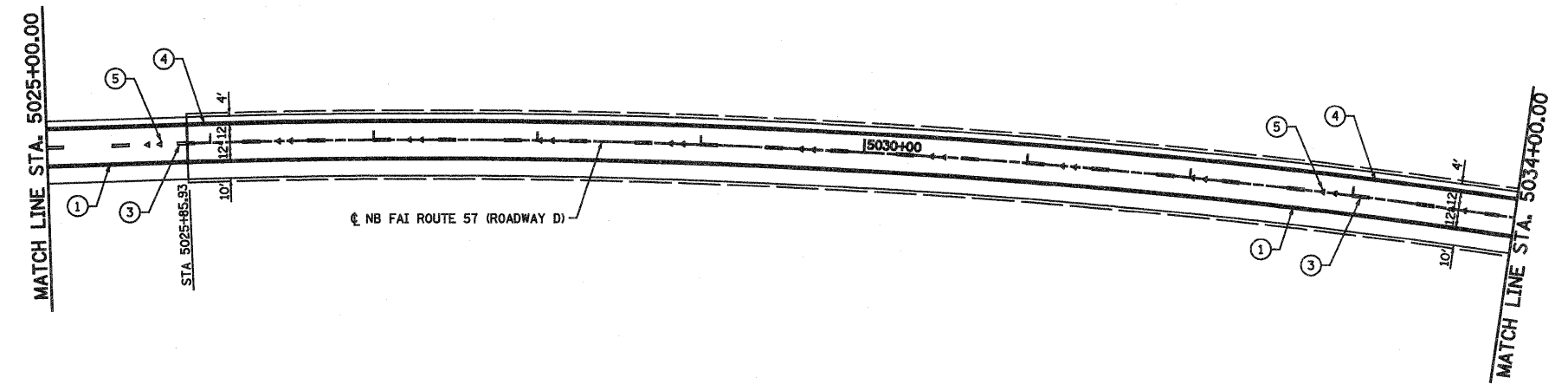
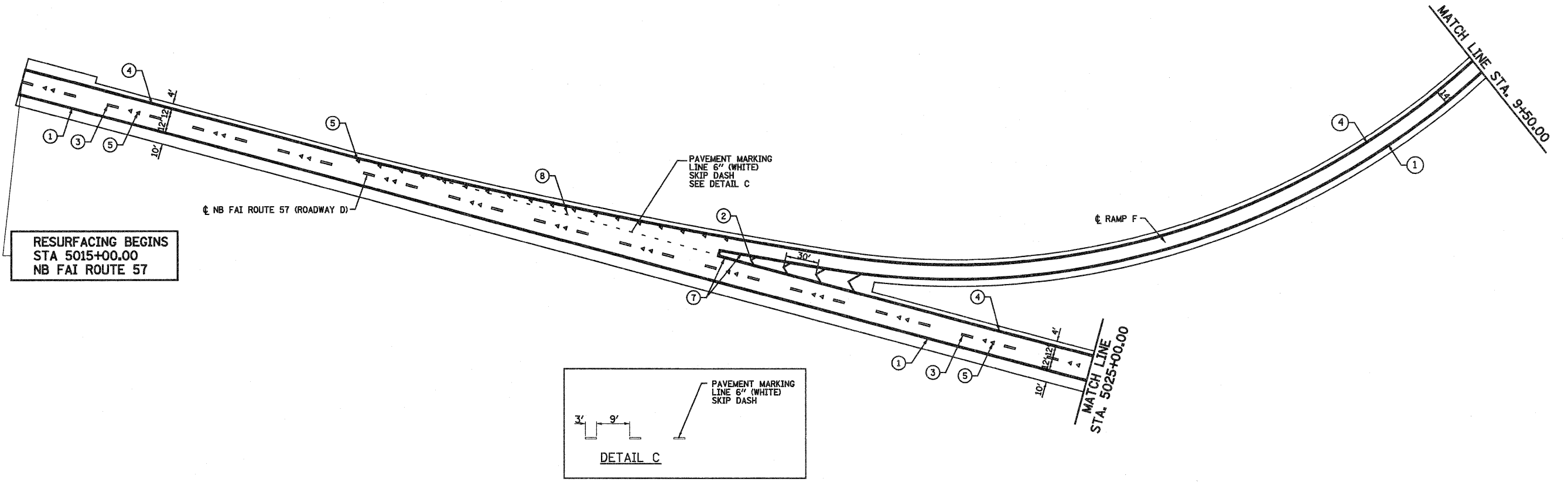


**LEGEND**

- ① URETHANE PAVEMENT MARKING LINE - 4" SOLID WHITE EDGE LINE
- ② URETHANE PAVEMENT MARKING LINE - 12" SOLID WHITE
- ③ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (10')
- ④ URETHANE PAVEMENT MARKING LINE - 4" SOLID YELLOW
- ⑤ RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- ⑥ RAISED REFLECTIVE PAVEMENT MARKERS - AMBER, ONE-WAY
- ⑦ URETHANE PAVEMENT MARKING LINE - 8" SOLID WHITE
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- ⑨ URETHANE PAVEMENT MARKING LINE - 12" SOLID YELLOW



FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING, SOUTH TRI LEVEL I-57 (ROADWAY C)</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PROJECT # 0007257-70dps15 Trk1\pav.mxd	PLOT SCALE = 100.00000 ' / IN.	DRAWN - PDB	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	351	
	PLOT DATE = 3/19/2010	CHECKED - BRM	REVISED -			<b>CONTRACT NO. 74296</b>					
		DATE - 3-04-08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1"=50'	SHEET NO. 9 OF 10 SHEETS		STA. 5015+00.00 TO STA. 5026+00.00			



**LEGEND**

- ① URETHANE PAVEMENT MARKING LINE - 4" SOLID WHITE EDGE LINE
- ② URETHANE PAVEMENT MARKING LINE - 12" SOLID WHITE
- ③ URETHANE PAVEMENT MARKING LINE - 6" SKIP DASH WHITE (10')
- ④ URETHANE PAVEMENT MARKING LINE - 4" SOLID YELLOW
- ⑤ RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
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- ⑨ URETHANE PAVEMENT MARKING LINE - 12" SOLID YELLOW



FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING, SOUTH TRI LEVEL I57 (ROADWAY D)</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PROJECT = 0007257-70dp15 TriVpk.stdp	PLOT SCALE = 100.0000' / IN.	DRAWN - PDB	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	352	
	PLOT DATE = 3/19/2010	CHECKED - BRM	REVISED -			SCALE: 1"=50'		SHEET NO. 10 OF 10 SHEETS		STA. 5015+00.00 TO STA. 5034+00.00	
		DATE - 3-04-08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
						<b>CONTRACT NO. 74296</b>					

NOTES:

1. THE SIGN STRUCTURE PLANS WERE PREPARED BASED ON THE SOIL BORING DATA PROVIDED IN THE PLANS. IF SOIL BORING DATA IS NOT INCLUDED IN THE PLANS, THE FOUNDATION DESIGNS WERE PREPARED BASED ON THE ASSUMPTION OF AVERAGE COHESIVE SOILS AND A MINIMUM QU OF 1.0 TONS/S.F. THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF MATERIALS 60 DAYS PRIOR TO THE CONTRACTOR'S ORDERING OF MATERIALS TO CONFIRM THE QU AND COHESIVE SOIL PROPERTIES ARE SUFFICIENT. IF NECESSARY, THE SIGN STRUCTURE FOUNDATIONS WILL BE RE-DESIGNED BY THE DEPARTMENT, AND THE CONTRACTOR WILL BE COMPENSATED FOR THE ACTUAL FOUNDATION DEPTH USED.
2. THE SHEETING FOR THE QUANTITY OF SIGN PANEL TYPE 3 INCLUDED IN THIS CONTRACT FOR SPEED LIMIT SIGNS SHALL BE OF THE SAME TYPE AS SIGN PANEL TYPE 1 AND 2. THE GUIDE SIGNS DETAILED ON THE PLANS SHALL USE TYPE ZZ.

**SIGNING SCHEDULE**

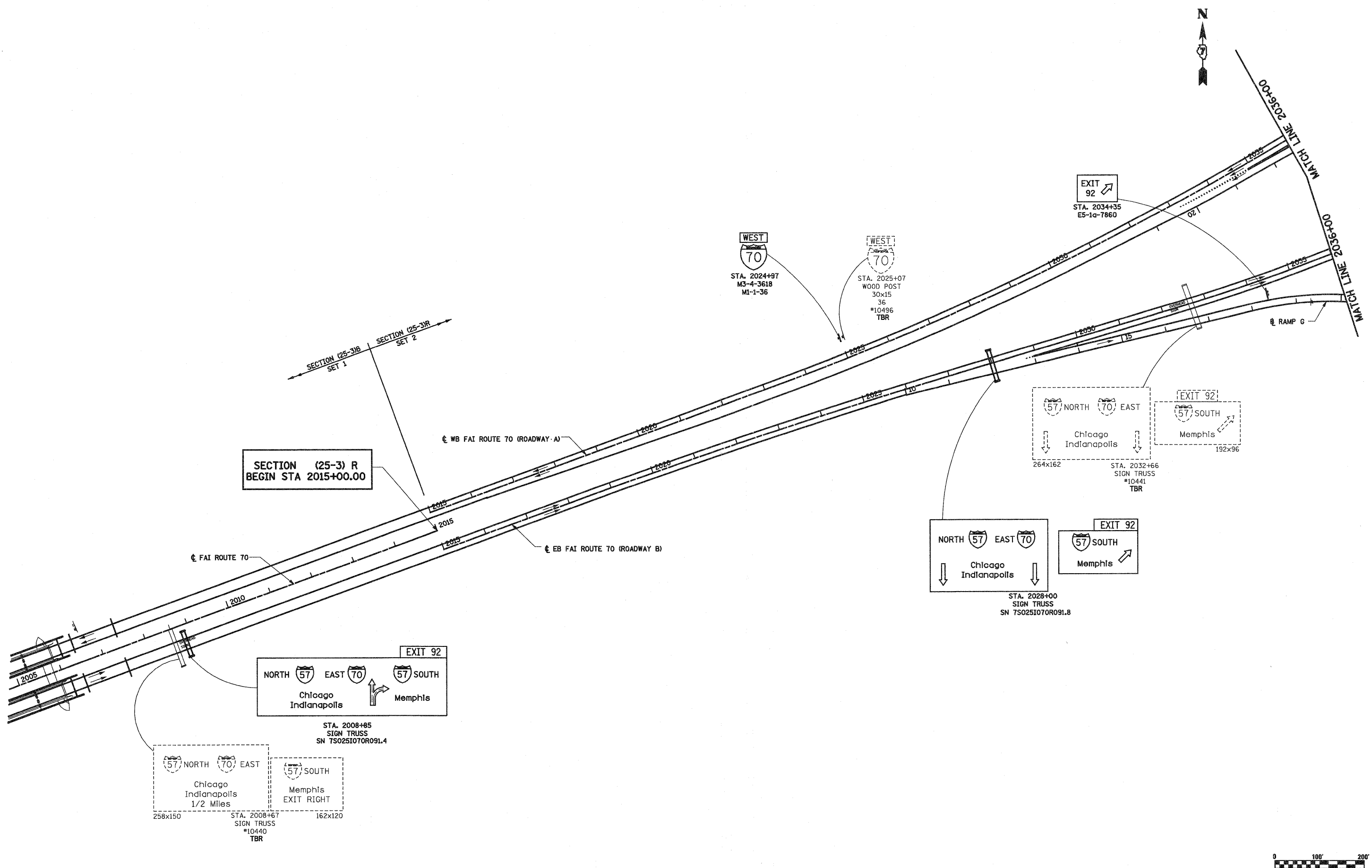
LOCATION			STRUCTURE NUMBER OR SIGN TYPE	REINFORCEMENT BARS* (POUND)	FURNISHING STEEL PILES HP 14X73 (FOOT)	DRIVING PILES (FOOT)	SIGN PANEL - TYPE 1 (SQ FT)	SIGN PANEL - TYPE 2 (SQ FT)	SIGN PANEL - TYPE 3 (SQ FT)	REMOVE SIGN PANEL - TYPE 3 (SQ FT)	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY (POUND)	TUBULAR STEEL SIGN SUPPORT - BREAKAWAY (POUND)	WOOD SIGN SUPPORT (FOOT)	OVERHEAD SIGN STRUCTURE - SPAN TYPE I-A (4'-0" X 4'-6") (FOOT)	OVERHEAD SIGN STRUCTURE WALKWAY (FOOT)	CONCRETE FOUNDATIONS (CU YD)	DRILLED SHAFT CONCRETE FOUNDATIONS (CU YD)	REMOVE OVERHEAD SIGN STRUCTURE - SPAN (EACH)	REMOVE GROUND MOUNTED SIGN SUPPORT (EACH)	REMOVE CONCRETE FOUNDATION - GROUND MOUNT (EACH)	REMOVE CONCRETE FOUNDATION - OVERHEAD (EACH)	
STATION	ROADWAY	SIDE																				
STA 2008+67	I-70 WEST	RT	EX. STRUCTURE																			
STA 2008+85	I-70 WEST	RT	7S025I070R09L.4	840	148	148		23.75	444.00					60	32	13.4			1			2
STA 2024+97	ROADWAY A	LT	M3-4-3618 & M1-1-36				13.50						21									
STA 2048+48	ROADWAY A	LT	M3-4-3618 & M1-1-36				13.50						16									
STA 2051+15	ROADWAY A	RT	M6-2-3021 & M1-1-36	46			13.38									0.7						
STA 2051+15	ROADWAY A	RT	M6-2-3021 & M1-1-36	46			13.38									0.7						
STA 2059+33	ROADWAY A	LT	EX. STRUCTURE																1			2
STA 2063+00	ROADWAY A	LT/RT	7S025I057L157.7						230.00													
STA 2077+77	ROADWAY A	LT	EX. STRUCTURE																1			2
STA 2077+87	ROADWAY A	LT/RT	7S025I057L158.0						309.75													
STA 2081+70	ROADWAY A	LT/RT	TRAFFIC COUNTER	156							256.6											
STA 2028+00	ROADWAY B	LT/RT	7S025I070R09L.8	420	74	74		23.75	365.00													
STA 2032+66	ROADWAY B	RT	EX. STRUCTURE																			
STA 2034+35	ROADWAY B	RT	E5-1a-7860						32.50													
STA 2085+00	ROADWAY B	RT	M3-1-3618 & M1-1-36				13.50															
STA 2085+00	ROADWAY B	RT	M3-2-3618 & M1-1-36				13.50															
STA 2084+85	ROADWAY B	LT/RT	TRAFFIC COUNTER	156																		
STA 2089+36	ROADWAY B	RT								300.92												
STA 2089+50	ROADWAY B	RT	SN005	390					472.50													
STA 31+80	ROADWAY C	RT	M3-3-3618 & M1-1-36				13.50															
STA 5021+21	ROADWAY D	RT	SN002 & SN003																			
STA 2104+87	I-57/70	LT	SN001																			
STA 2105+08	I-57/70	RT																				
STA 2105+20	I-57/70	RT	SN006	260					196.00													
STA 2116+00	I-57/70	RT								81												
STA 2116+10	I-57/70	RT	SN007	244					127.50													
PAY TOTAL				2558	222	222	95	48	2945	1213	9440	307	130	286	174	56.8	34.9	4	7	7	8	

\* FOR INFORMATION ONLY

**SIGNING INDEX**

- 353 SIGNING SCHEDULE
- 354-358 GUIDE SIGNING PLAN
- 359-363 SIGN PANEL DETAILS
- 364-385 OVERHEAD SIGN STRUCTURES

FILE NAME =	USER NAME = betaj	DESIGNED - JWS	REVISED - 4-20-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNING SCHEDULE</b>				F.A.I. RTE. 57/70	SECTION (25-3) R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 353
PLOT SCALE = 200.0000' / IN.		DRAWN - PDB	REVISED -		SCALE: 1"=100'	SHEET NO. 1 OF 33 SHEETS	STA.	TO STA.	CONTRACT NO. 74296				
PLOT DATE = 5/7/2010		CHECKED - BRM	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



**SECTION (25-3) R  
BEGIN STA 2015+00.00**

**EXIT 92**  
NORTH 57 EAST 70  
Chicago Indianapolis  
MEMPHIS

STA. 2008+85  
SIGN TRUSS  
SN 7S0251070R091.4

57 NORTH 70 EAST  
Chicago Indianapolis  
1/2 Miles  
258x150

57 SOUTH  
Memphis  
EXIT RIGHT  
162x120

STA. 2008+67  
SIGN TRUSS  
#10440  
TBR

NORTH 57 EAST 70  
Chicago Indianapolis

STA. 2028+00  
SIGN TRUSS  
SN 7S0251070R091.8

**EXIT 92**  
57 SOUTH  
Memphis

57 NORTH 70 EAST  
Chicago Indianapolis  
264x162

57 SOUTH  
Memphis  
192x96

STA. 2032+66  
SIGN TRUSS  
#10441  
TBR

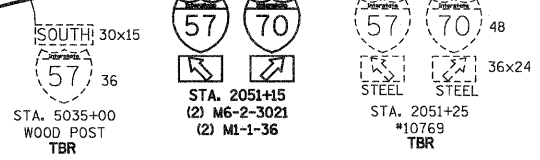
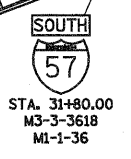
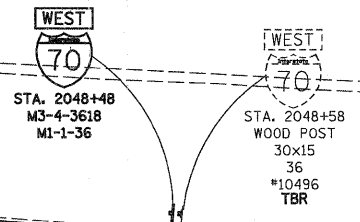
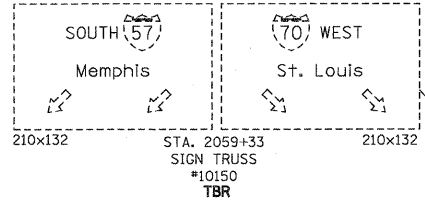
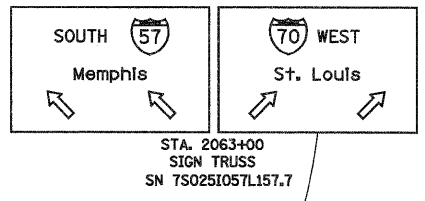
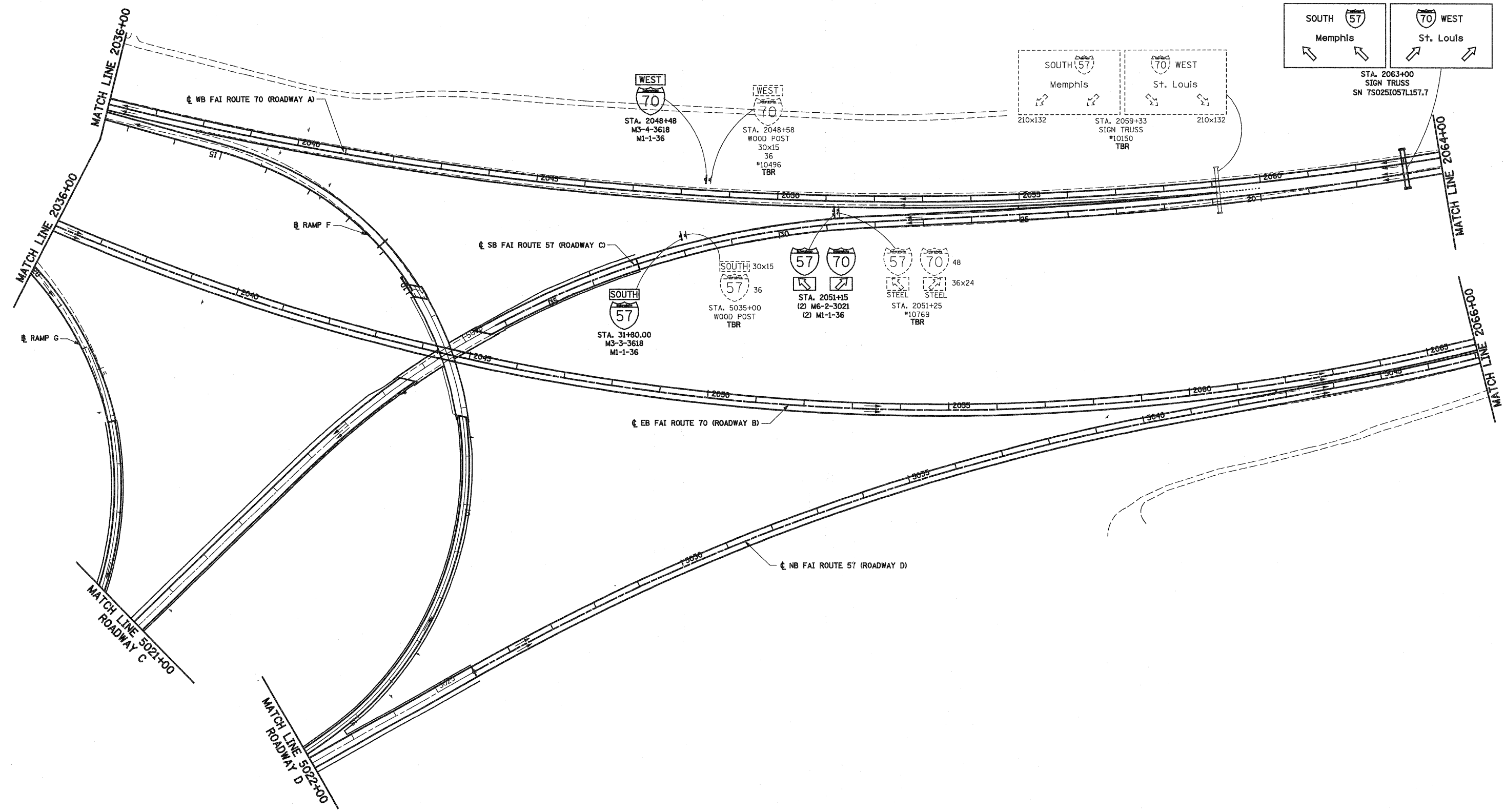
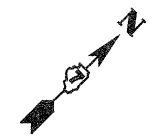
WEST 70  
STA. 2024+97  
M3-4-3618  
M1-1-36

WEST 70  
STA. 2025+07  
WOOD POST  
30x15  
36  
#10496  
TBR

TBR = TO BE REMOVED



FILE NAME S:\projects\103\103-737-10\103-737-10.dwg	USER NAME = paul	DESIGNED - JWS	REVISED - 4-20-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUIDE SIGNING PLAN</b>			F.A.I. RTE. 57/70	SECTION (25-3) R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 354
	PLOT SCALE = 200.0000' / IN.	DRAWN - PDB	REVISED -		SCALE: 1"=100'	SHEET NO. 2 OF 33 SHEETS	STA. 2005+92.13 TO STA. 2036+00.00	<b>CONTRACT NO. 74296</b>				
	PLOT DATE = 5/5/2010	CHECKED - BRM	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

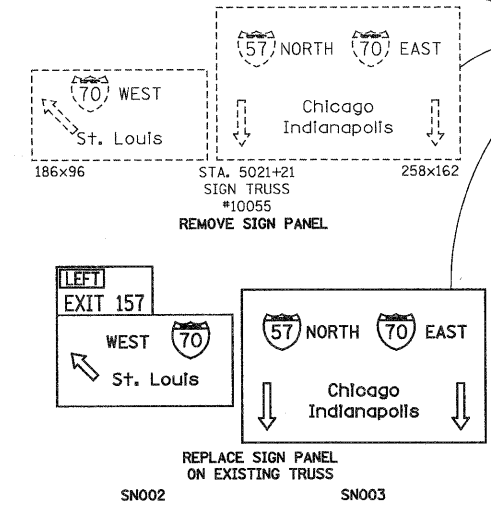
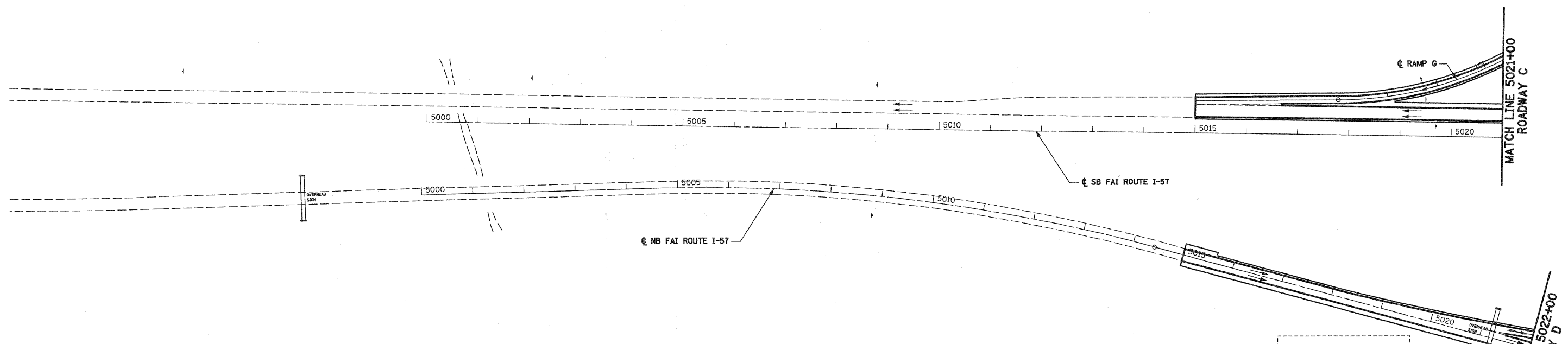


STA. 2063+00  
SIGN TRUSS  
SN 750251057L157.7

TBR = TO BE REMOVED



FILE NAME = S:\projects\105-0007-57-70\p15\15\15\signing.dgn	USER NAME = paul	DESIGNED - JWS	REVISED - 4-20-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUIDE SIGNING PLAN</b>			F.A.I. RTE. 57/70	SECTION (25-3) R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 355
	PLOT SCALE = 200.0000' / IN.	DRAWN - PDB	REVISED -		SCALE: 1"=100'	SHEET NO. 3 OF 33 SHEETS	STA. 2036+00.00 TO STA. 2066+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 74296		
	PLOT DATE = 5/5/2010	CHECKED - BRM	REVISED -									
		DATE -	REVISED -									



TBR = TO BE REMOVED

FILE NAME = S:\projects\1403\1403-07-27\1403-07-27.dwg	USER NAME = paul	DESIGNED - JWS	REVISED - 4-20-10
		DRAWN - PDB	REVISED -
	PLOT SCALE = 200.0000' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 5/5/2010	DATE -	REVISED -

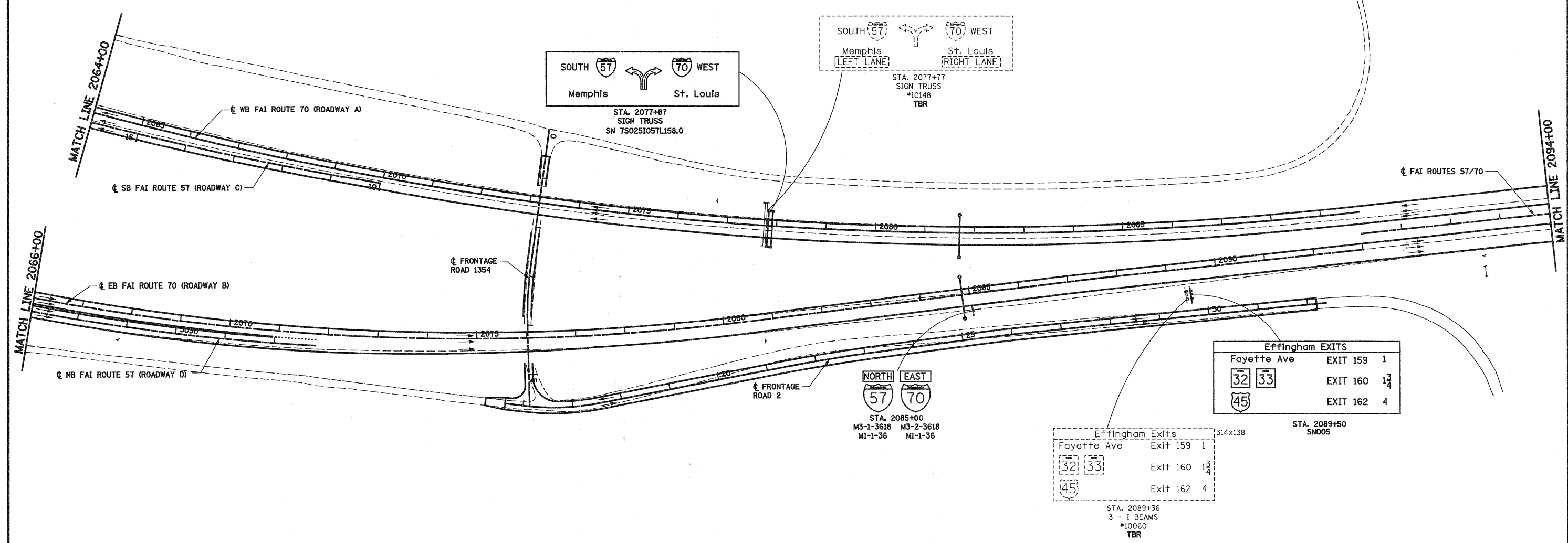
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUIDE SIGNING PLAN**

SCALE: 1"=100'	SHEET NO. 4 OF 33 SHEETS	STA. 5015+00.00 TO STA. 5022+00.00	F.A.I. RTE. 57/70	SECTION (25-3) R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 356
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CONTRACT NO. 74296  
ILLINOIS FED. AID PROJECT

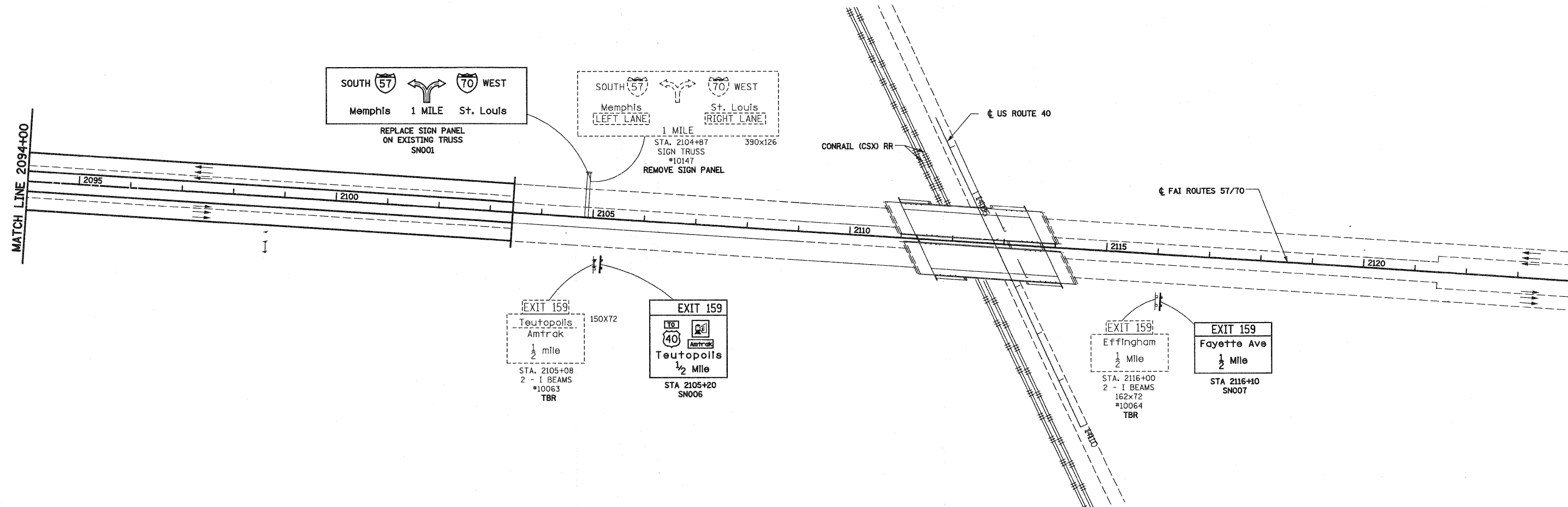




TBR = TO BE REMOVED



FILE NAME = S:\Projects\MO 7257-7\Map5 Trk\Map5.dwg	USER NAME = paul	DESIGNED - JWS	REVISED - 4-20-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUIDE SIGNING PLAN</b>	F.A.I. RTE. 57/70	SECTION (25-3) R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 357		
	PLOT SCALE = 200.0000' / IN.	CHECKED - BRM	REVISED -			SCALE: 1"=100'		SHEET NO. 5 OF 33 SHEETS		STA. 2066+00.00 TO STA. 2094+00.00		CONTRACT NO. 74296
	PLOT DATE = 5/5/2010	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT				

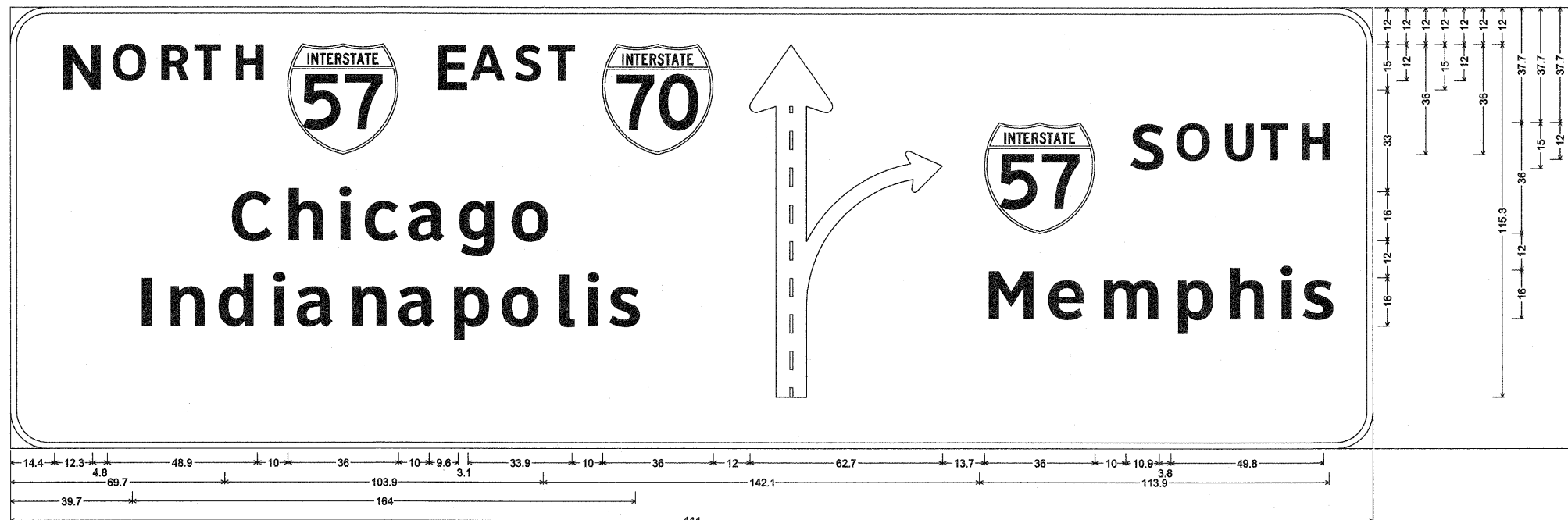
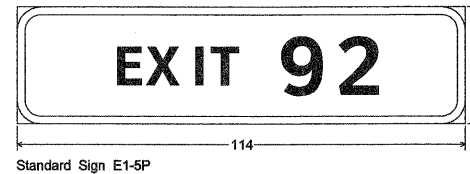


TBR = TO BE REMOVED



FILE NAME = S:\projects\MS 087257-7\rdp\5 Trk\Ausgang.dgn	USER NAME = paul	DESIGNED - JWS	REVISED - 4-20-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUIDE SIGNING PLAN</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 200.0000' / IN.	DRAWN - PDB	REVISED -		57/70	(25-3) R	EFFINGHAM	1416	358		
	PLOT DATE = 5/5/2010	CHECKED - BRM	REVISED -		SCALE: 1"=100'    SHEET NO. 6 OF 33 SHEETS    STA. 2094+00.00 TO STA. 2124+00.00		FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT		<b>CONTRACT NO. 74296</b>		

STRUCTURE NUMBER 7S025I070R091.4  
 STA 2008+85



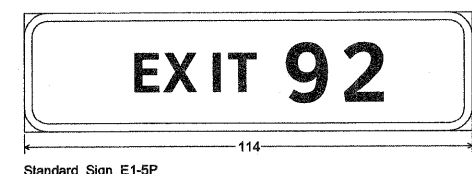
12.0" Radius, 2.0" Border, White on Green;  
 [N ORTH] ClearviewHwy-5-W; [E AST] ClearviewHwy-5-W; [Chicago] ClearviewHwy-5-W; [Indianapolis] ClearviewHwy-5-W; Diagrammatic Arrow lane lines Black; [S OUTH] ClearviewHwy-5-W; [Memphis] ClearviewHwy-5-W;  
 Table of widths and spaces.

14.4	N	12.3	O	4.8	11.1	R	4.4	9.0	T	2.9	H	8.7	3.6	9.2	10.0	36.0	10.0	E	9.6	3.1	11.3	A	2.6	8.7	2.6	8.7	10.0	36.0	12.0	62.7	13.7	36.0	10.0	S	10.9	3.8	11.1	4.4	9.3	3.6	8.6	3.6	9.2	16.1					
69.7	C	13.1	h	4.8	11.2	i	5.6	3.8	5.1	10.9	c	3.6	a	11.9	4.4	g	11.7	5.4	12.4	142.1	14.8	5.6	e	11.7	5.5	m	18.0	6.1	p	11.8	5.4	11.1	5.7	3.8	4.4	10.2	14.4												
39.7	i	3.1	n	6.3	11.1	d	5.4	11.6	5.7	3.8	4.7	a	11.9	5.1	n	11.1	5.1	11.9	5.1	p	11.5	4.8	12.4	5.4	5.1	4.4	3.8	4.4	s	10.3	240.3																		

NOT TO SCALE

FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED - 4-20-10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS, SOUTH TRI LEVEL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\403-00072-51-70\dgn\5 Trl\sign panel.dgn	DRAWN - ESW	CHECKED - BRM	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	359
PLOT SCALE = 100.0000 / IN.	DATE - 3-1-09	REVISED -	REVISED -			CONTRACT NO. 74296		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/7/2010				SCALE: 1"=50'	SHEET NO. 7 OF 33 SHEETS	STA.	TO STA.			

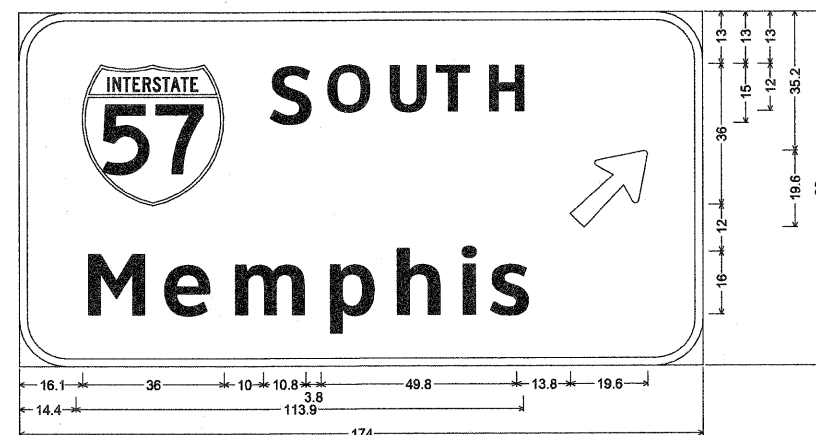
STRUCTURE NUMBER 7S025I070R091.8  
STA 2028+00



12.0" Radius, 2.0" Border, White on Green;  
[N] ClearviewHwy-5-W; [ORTH] ClearviewHwy-5-W; [E] ClearviewHwy-5-W; [AST] ClearviewHwy-5-W; [Chicago] ClearviewHwy-5-W;  
[Indianapolis] ClearviewHwy-5-W; Down Arrow 22.0" 270"; Down Arrow 22.0" 270";

Table of widths and spaces.

14.7	36.0	10.0	12.4	4.8	11.1	4.4	9.0	2.9	8.7	3.6	9.2	12.0	36.0	10.0	9.6	3.1	11.2	2.6	8.7	2.6	8.7	14.7		
c h i c a g o i n d i a n a p o l i s																								
71.1	13.0	4.9	11.1	5.7	3.8	5.0	10.9	3.6	11.9	4.5	11.6	5.4	12.4	71.1										
41.0	3.1	6.3	11.1	5.5	11.5	5.7	3.8	4.7	11.9	5.1	11.1	5.1	11.9	5.1	11.6	4.7	12.4	5.5	5.0	4.4	3.8	4.5	10.2	41.0
35.0	32.0	112.0	32.0	35.0																				



12.0" Radius, 2.0" Border, White on Green;  
[S] ClearviewHwy-5-W; [OUTH] ClearviewHwy-5-W; [Memphis] ClearviewHwy-5-W;  
Arrow 80 - 25.0" 45";

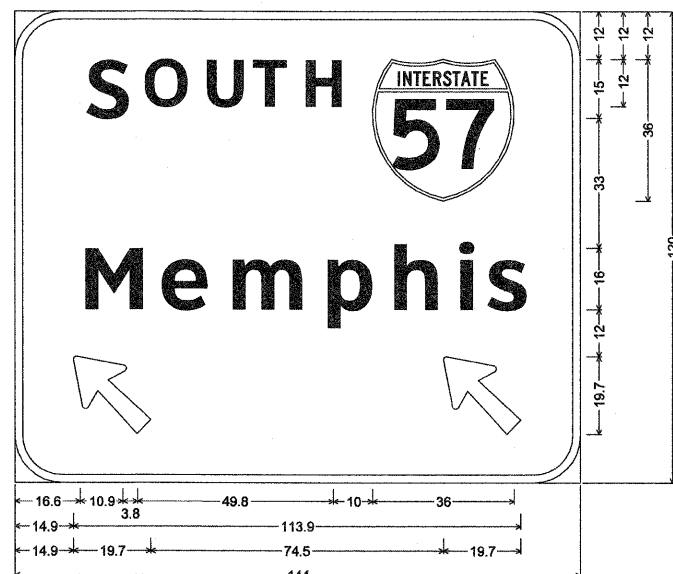
Table of widths and spaces.

16.1	36.0	10.0	10.8	3.8	11.1	4.4	9.3	3.6	8.6	3.6	9.2	13.8	19.6	14.1
M e m p h i s														
14.4	14.7	5.6	11.7	5.5	18.1	6.0	11.6	5.4	11.1	5.7	3.8	4.4	10.3	45.7

NOT TO SCALE

FILE NAME =	USER NAME = lvrda	DESIGNED - ESW	REVISED - 4-20-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGN PANEL DETAILS, SOUTH TRI LEVEL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
SA\Projects\403-00072.51-70\dgn\5 TriLevelSign panel.dgn		DRAWN - ESW	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	359A	
PLOT SCALE = 1/8"=50'		CHECKED - BRM	REVISED -			SCALE: 1"=50'		SHEET NO. 7A OF 33 SHEETS		STA. TO STA.	
PLOT DATE = 5/7/2010		DATE - 3-1-09	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

STRUCTURE NUMBER 7S025I057L157.7  
STA 2063+00



12.0" Radius, 2.0" Border, White on Green;  
[S] ClearviewHwy-5-W; [OUTH] ClearviewHwy-5-W; [Memphis] ClearviewHwy-5-W;  
Arrow 80 - 25.0° 135°; Arrow 80 - 25.0° 135°;  
Table of widths and spaces.

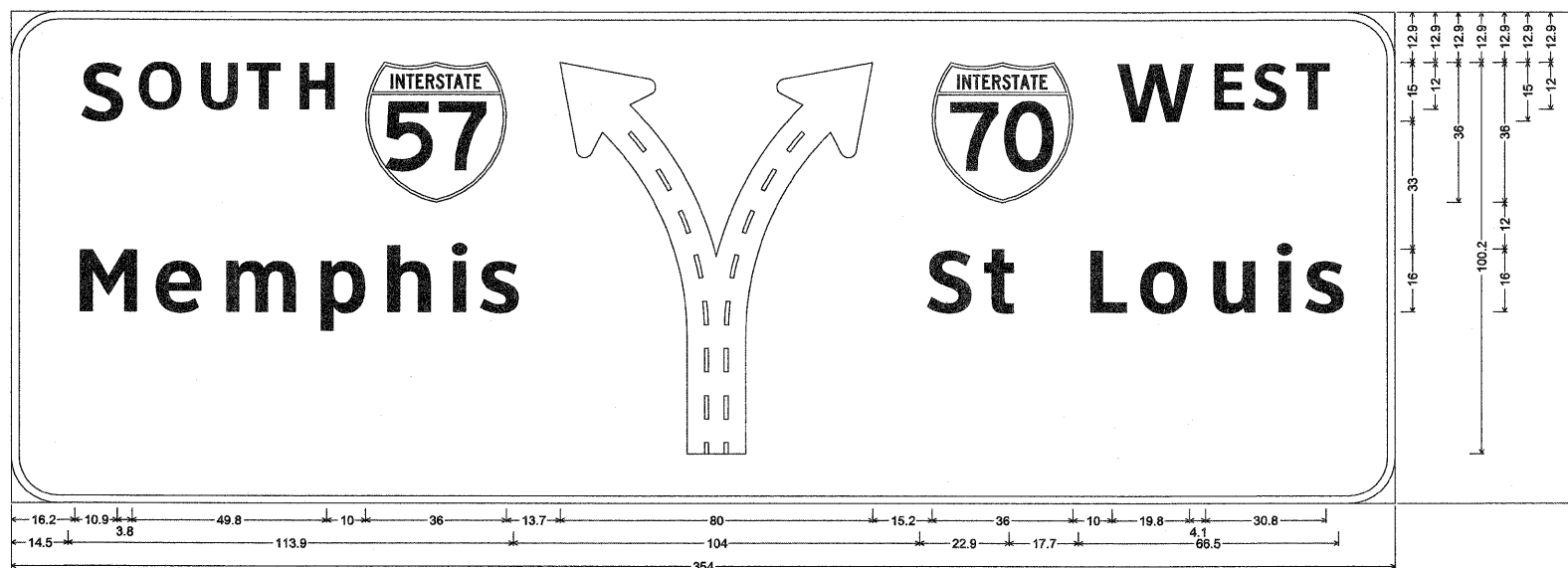
S	O	U	T	H	57	16.9								
16.6	10.9	3.8	11.1	4.3	9.3	3.6	8.7	3.6	9.2	10.0	36.0	16.9		
M	e	m	p	h	i	s	15.2							
14.9	14.7	5.6	11.8	5.4	18.1	6.1	11.5	5.4	11.2	5.7	3.8	4.4	10.2	15.2
14.9	19.7	74.5	19.7	15.2										



12.0" Radius, 2.0" Border, White on Green;  
[W] ClearviewHwy-5-W; [EST] ClearviewHwy-5-W;  
[St Louis] ClearviewHwy-5-W; Arrow 80 - 25.0° 45°; Arrow 80 - 25.0° 45°;  
Table of widths and spaces.

W	E	S	T	70	13.1									
13.1	36.0	15.0	19.9	4.1	7.6	3.2	8.6	2.7	8.7	13.1				
S	t	L	o	u	i	s	12.4							
12.4	11.6	3.4	7.9	17.7	9.4	4.3	12.4	5.4	10.9	5.7	3.8	4.4	10.3	12.4
12.4	19.7	67.8	19.7	12.4										

STRUCTURE NUMBER 7S025I057L158.0  
STA 2077+87



12.0" Radius, 2.0" Border, White on Green;  
[S] ClearviewHwy-5-W; [OUTH] ClearviewHwy-5-W; [Memphis] ClearviewHwy-5-W; Diagrammatic Arrow lane lines Black; [W] ClearviewHwy-5-W; [EST] ClearviewHwy-5-W; [St Louis] ClearviewHwy-5-W;  
Table of widths and spaces.

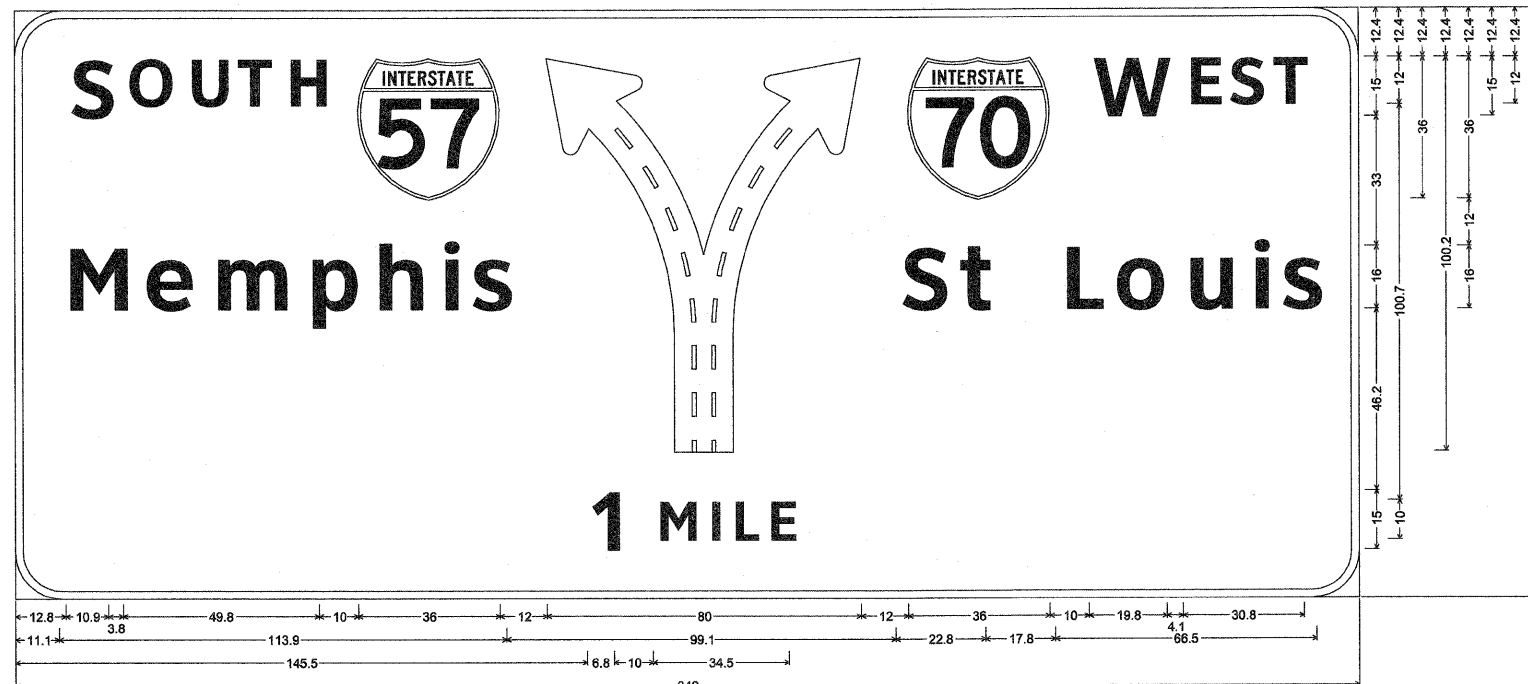
S	O	U	T	H	57	Y	W	E	S	T	70	14.5																
16.2	10.9	3.8	11.1	4.3	9.3	3.6	8.7	3.6	9.2	10.0	36.0	13.7	80.0	15.2	36.0	10.0	19.8	4.1	7.7	3.1	8.7	2.6	8.7	17.7				
M	e	m	p	h	i	s	10.4	S	t	L	o	u	i	s	14.5													
14.5	14.7	5.6	11.8	5.4	18.1	6.0	11.6	5.4	11.2	5.7	3.8	4.4	10.2	10.4	11.6	3.4	7.9	17.7	9.4	4.2	12.4	5.4	11.0	5.7	3.8	4.4	10.2	14.5

NOT TO SCALE

FILE NAME =	USER NAME = linda	DESIGNED - ESW	REVISED - 4-20-10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS, SOUTH TRI LEVEL			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3)R	EFFINGHAM	1416		360							
CONTRACT NO. 74296												
SCALE: 1"=50'					SHEET NO. 8 OF 33 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
57/70	(25-3)R	EFFINGHAM	1416	360	CONTRACT NO. 74296		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

EXISTING SIGN TRUSS #10147  
STA 2104+87

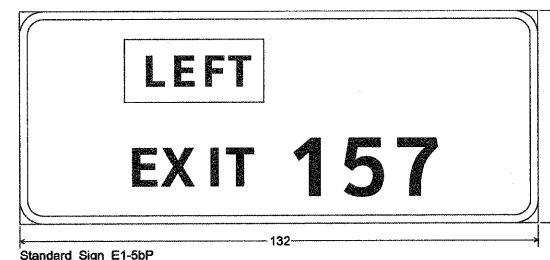
SN001



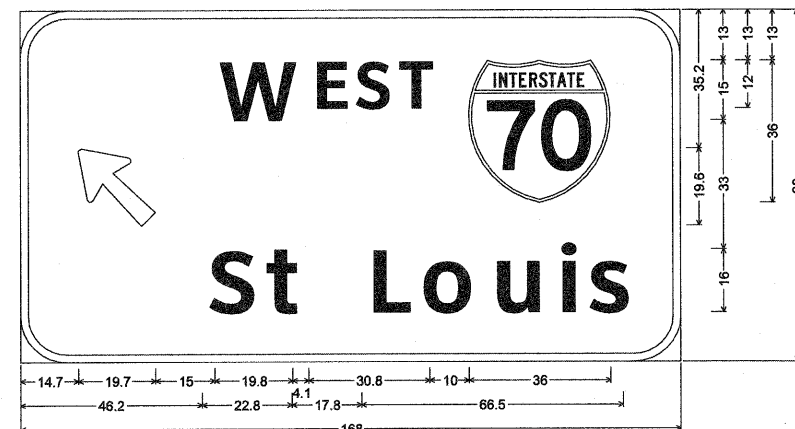
12.0" Radius, 2.0" Border, White on Green;  
[S] ClearviewHwy-5-W; [OUTH] ClearviewHwy-5-W; [Memphis] ClearviewHwy-5-W; Diagrammatic Arrow lane lines Black; [W] ClearviewHwy-5-W; [EST] ClearviewHwy-5-W; [St Louis] ClearviewHwy-5-W;  
[1 MILE] ClearviewHwy-5-W;  
Table of widths and spaces.

S	O	U	T	H	Y	W	E	S	T
12.8	10.9	3.8	11.1	4.3	9.3	3.6	8.7	3.6	10.0
11.1	14.7	5.6	11.8	5.4	18.1	6.1	11.5	5.4	11.2
14.5	6.8	10.0	9.2	3.9	1.9	4.1	5.9	3.2	6.3

SN002



Standard Sign E1-5bP



12.0" Radius, 2.0" Border, White on Green;  
Arrow 80 - 25.0" 135"; [W] ClearviewHwy-5-W; [EST] ClearviewHwy-5-W;  
[St Louis] ClearviewHwy-5-W;  
Table of widths and spaces.

W	E	S	T
14.7	19.7	15.0	19.8
46.2	11.5	3.5	7.8
46.2	11.5	3.5	7.8

NOT TO SCALE

EXISTING SIGN TRUSS #10055  
STA 5021+21

SN003

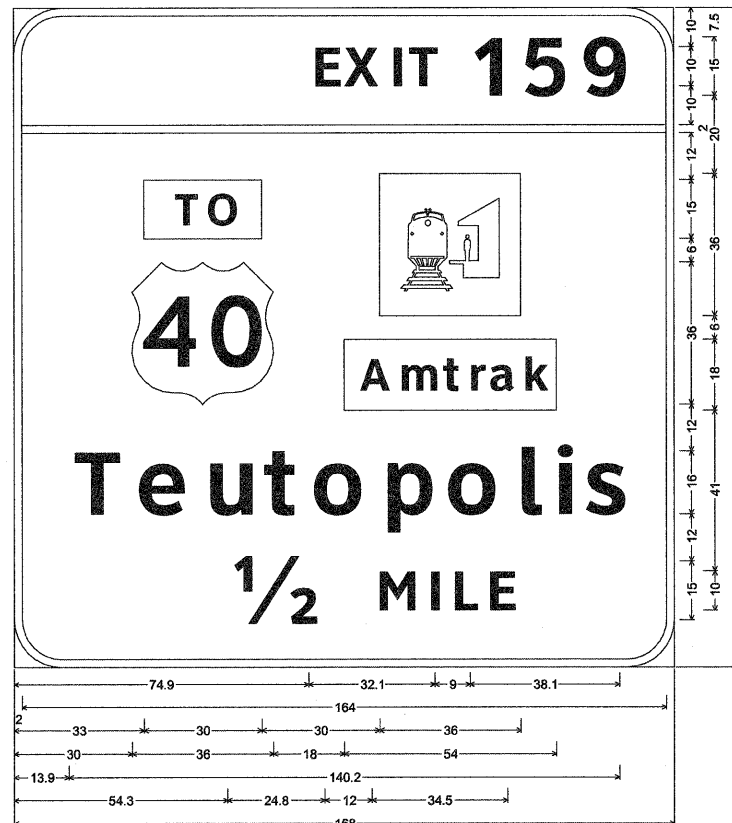


12.0" Radius, 2.0" Border, White on Green;  
[N] ClearviewHwy-5-W; [ORTH] ClearviewHwy-5-W; [E] ClearviewHwy-5-W; [AST] ClearviewHwy-5-W; [Chicago] ClearviewHwy-5-W;  
[Indianapolis] ClearviewHwy-5-W; Down Arrow 22.0" 270"; Down Arrow 22.0" 270";  
Table of widths and spaces.

N	O	R	T	H	E	A	S	T
14.7	36.0	10.0	12.4	4.8	11.1	4.3	9.1	2.9
71.1	13.0	4.9	11.1	5.7	3.8	5.0	10.9	3.6
41.0	3.1	6.3	11.1	5.5	11.5	5.7	3.8	4.7
35.0	32.0	112.0	32.0	35.0				

SIGN ON 2 I BEAMS  
STA 2105+20

SN006



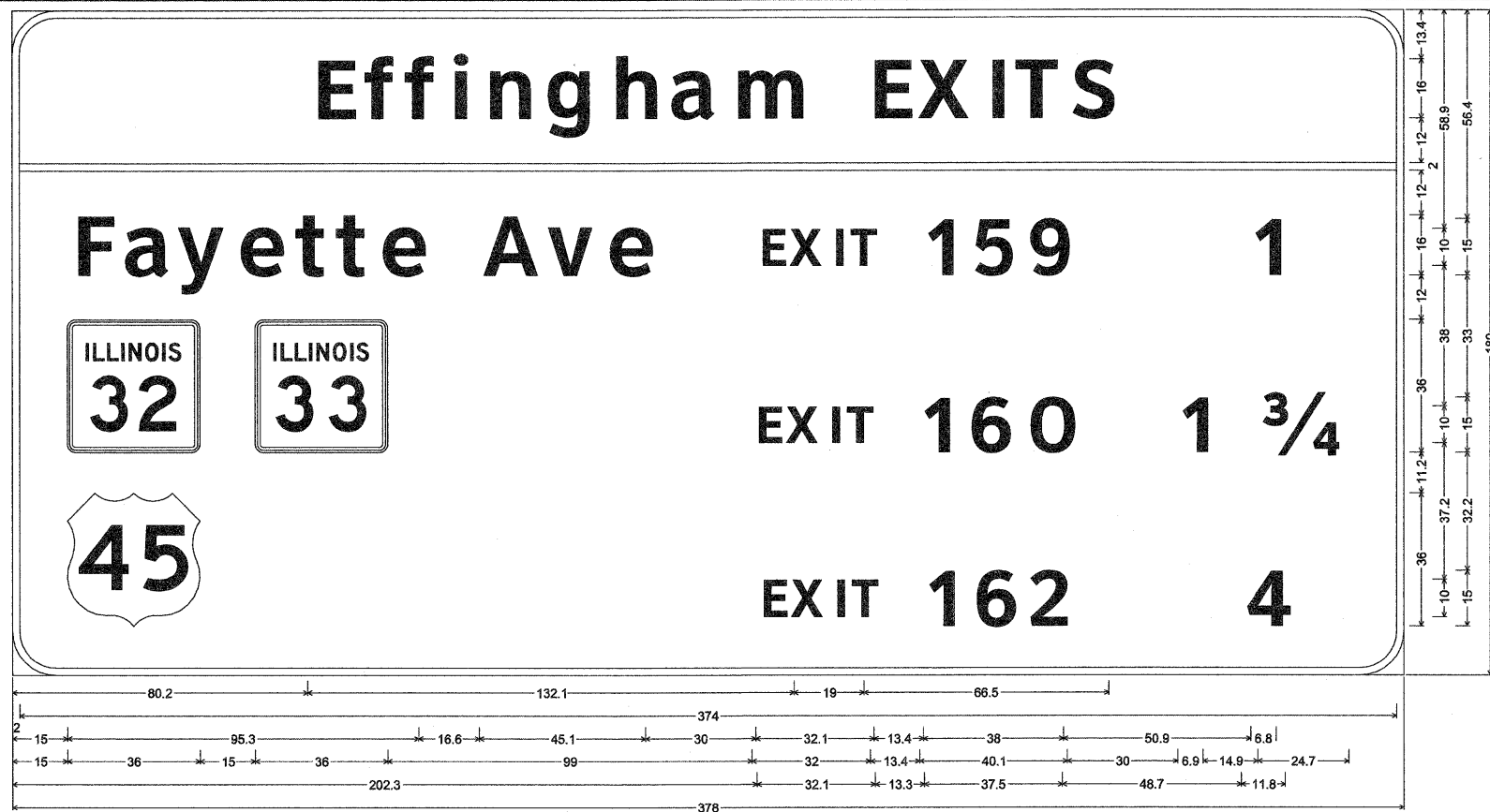
12.0" Radius, 2.0" Border, White on Green;  
[EXIT 159] ClearviewHwy-5-W;  
Rectangle Green;  
Rectangle Green;  
[Teutopolis] ClearviewHwy-5-W; [ 1/2 MILE] ClearviewHwy-5-W;  
Table of widths and spaces.

E	X	I	T	1	5	9	13.9
74.9	6.4	2.2	8.6	2.8	1.9	3.0	7.2
2.0	164.0	2.0					
33.0	30.0	30.0	36.0	39.0			
30.0	36.0	18.0	54.0	30.0			
T	e	u	t	o	p	o	l
13.9	11.6	4.1	11.7	5.5	10.9	4.4	7.9
1/2	M	I	L	E			
54.3	24.8	12.0	9.2	3.9	1.9	4.1	5.9

NOT TO SCALE

SIGN ON 3 I BEAMS  
STA 2089+50

SN005

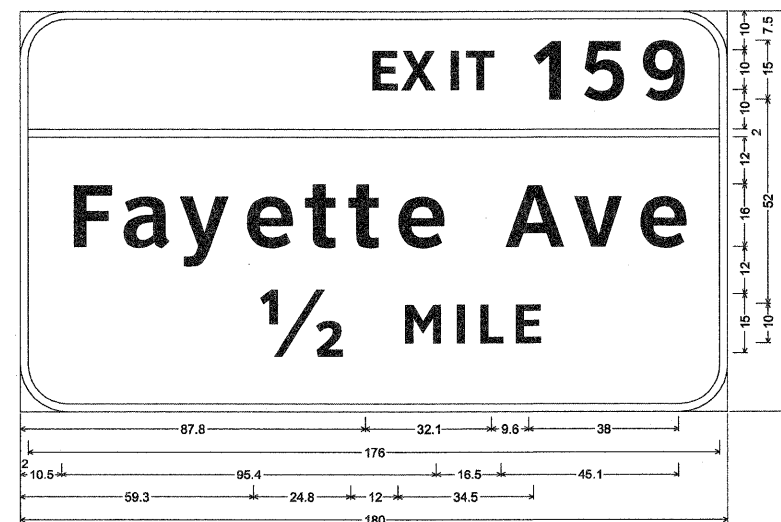


12.0" Radius, 2.0" Border, White on Green;  
[Effingham EXITS] ClearviewHwy-5-W; [Fayette Ave] ClearviewHwy-5-W; [EXIT 159] ClearviewHwy-5-W; [1] ClearviewHwy-5-W; [EXIT 160] ClearviewHwy-5-W; [1 3/4] ClearviewHwy-5-W; [EXIT 162] ClearviewHwy-5-W;  
[45] ClearviewHwy-5-W;  
Table of widths and spaces.

E	X	I	T	1	5	9	13.9
80.2	10.2	3.9	7.7	3.3	7.8	4.2	3.8
2.0	374.0	2.0					
15.0	9.7	4.2	11.9	3.1	12.5	3.6	11.7
15.0	36.0	15.0	36.0	99.0	6.3	2.2	8.6
15.0	36.0	15.3	6.4	2.1	8.6	2.8	1.9

SIGN ON 2 I BEAMS  
STA 2116+10

SN007



12.0" Radius, 2.0" Border, White on Green;  
[EXIT 159] ClearviewHwy-5-W; [Fayette Ave] ClearviewHwy-5-W; [ 1/2 MILE] ClearviewHwy-5-W;  
Table of widths and spaces.

E	X	I	T	1	5	9	12.5
87.8	6.4	2.1	8.7	2.8	1.9	3.0	7.2
2.0	176.0	2.0					
10.5	9.8	4.1	11.9	3.1	12.5	3.6	11.8
1/2	M	I	L	E			
59.3	24.8	12.0	9.2	3.9	1.9	4.1	5.9

FILE NAME =	USER NAME = lunda	DESIGNED - ESW	REVISED - 4-20-10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS, SOUTH TRI LEVEL		F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\403-00072-57-70\dgn\5 Trl\l\sign panel details.dgn		DRAWN - ESW	REVISED -		57/70	(25-3)R	EFFINGHAM	1416	362		
PLOT SCALE = 100.0000' / IN.		CHECKED - BRM	REVISED -		SCALE: 1"=50'		SHEET NO. 10 OF 33 SHEETS	STA.	TO STA.	CONTRACT NO. 74296	
PLOT DATE = 5/11/2010		DATE - 3-1-09	REVISED -		FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT			





STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:  
Field Units  
F<sub>c</sub> = 3,500 p.s.i.  
f<sub>y</sub> = 60,000 p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.

All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W\*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.

The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to AASHTO M314 Gr. 36, 55 or 105 with a minimum Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F.

CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each Foundation shall be cleaned and coated with Bridge Seat Sealer in accordance with the Standard Specifications.

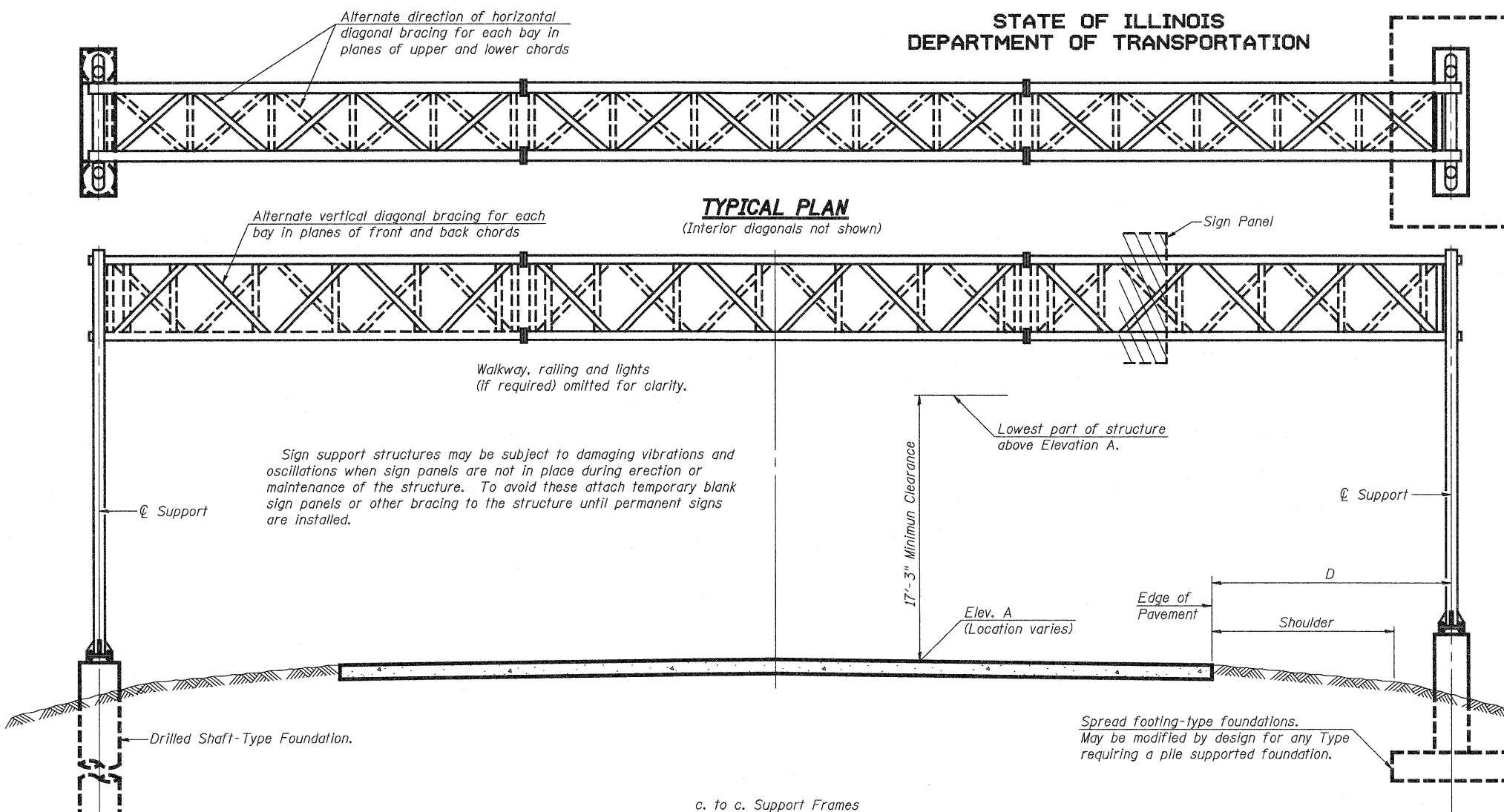
REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Concrete Foundations and Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

\* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.

**OVERHEAD SIGN STRUCTURES  
GENERAL PLAN & ELEVATION  
ALUMINUM TRUSS & STEEL SUPPORTS**

SHEET NO. 12	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	364
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



**TYPICAL PLAN**  
(Interior diagonals not shown)

**TYPICAL ELEVATION**  
(Looking at Face of Signs\*\*)

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
7S025I070R091.4	2008+85	I-A	60'-0"	527.40	18'-0"	12'-0"	467.75 SF
7S025I070R091.8	2028+00	I-A	72'-0"	529.19	18'-0"	12'-6"	388.75 SF
7S025I057L157.7	2063+00	I-A	82'-0"	571.68	18'-0"	10'-0"	230.0 SF
7S025I057L158.0	2077+87	I-A	72'-0"	585.41	18'-0"	10'-6"	309.75 SF

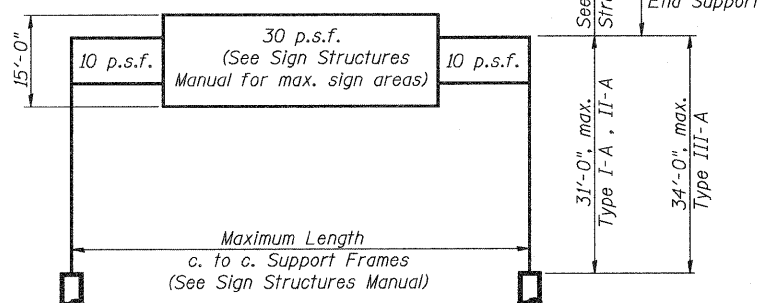
\*\*Looking upstation for structures with signs both sides.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE SPAN TYPE I-A	Foot	286'-0"
OVERHEAD SIGN STRUCTURE WALKWAY TYPE A	Foot	174'-0"
CONCRETE FOUNDATIONS	Cu. Yds.	37.3*
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	34.9
FURNISHING STEEL HP14X73	Foot	222
DRIVING PILES	Foot	222

\* NOT A TOTAL QUANTITY. SEE SIGNING SCHEDULE.

NUMBER	REVISION	DATE



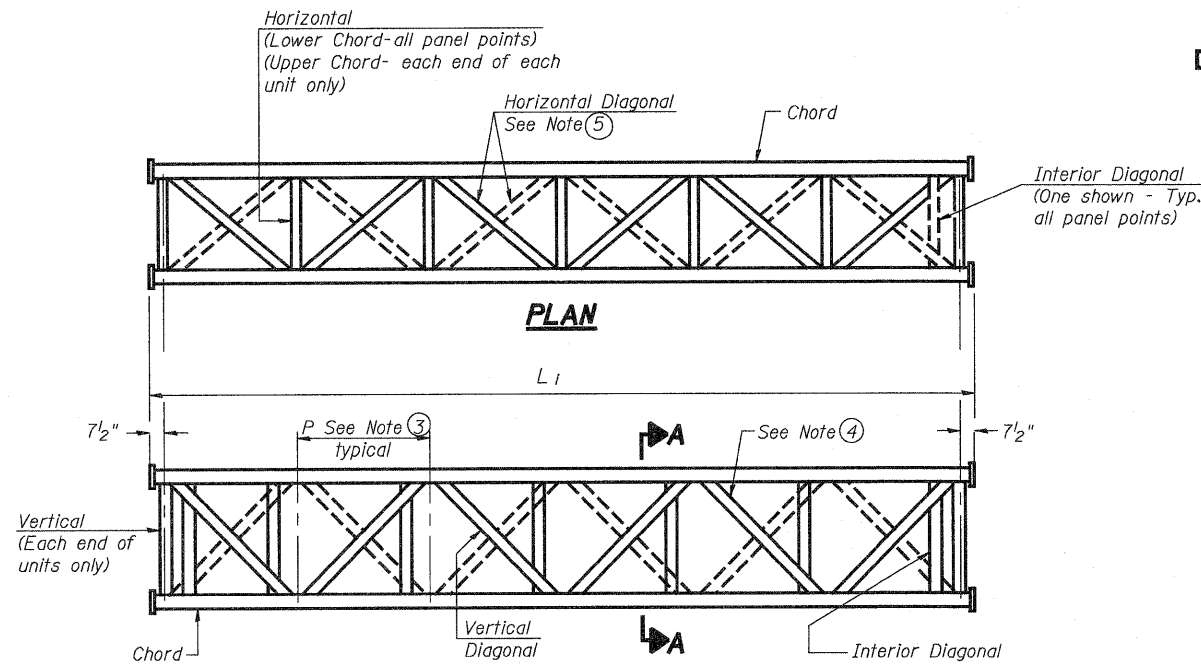
**DESIGN WIND LOADING DIAGRAM**

Parameters shown are basis for I.D.O.T. Standards and Sign Manual Tables. Installations not within dimensional limits shown require special analysis for all components.

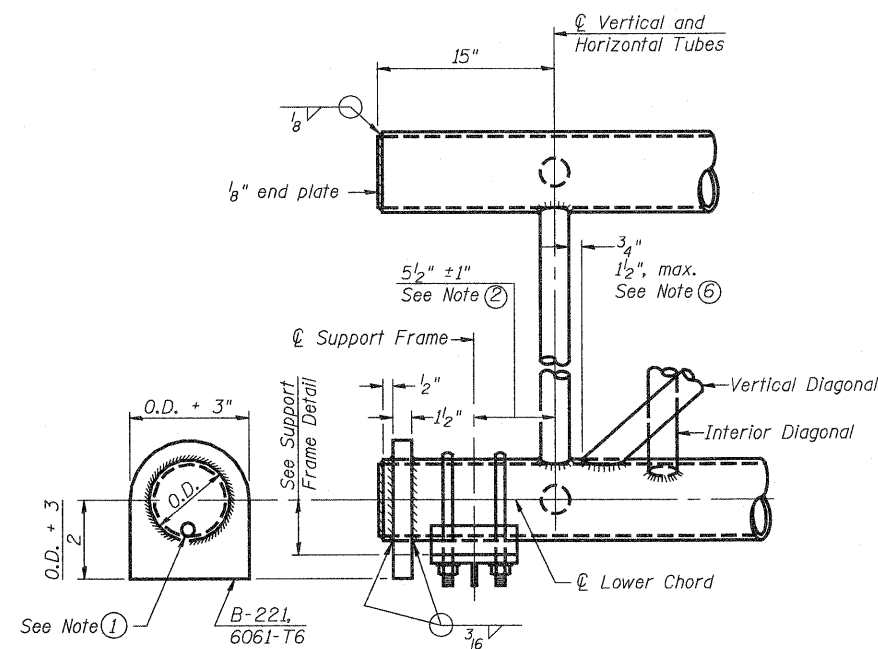
DESIGNED -	ESW
CHECKED -	JWS
DRAWN -	PDB
CHECKED -	BRM

OS-A-1 12-1-08

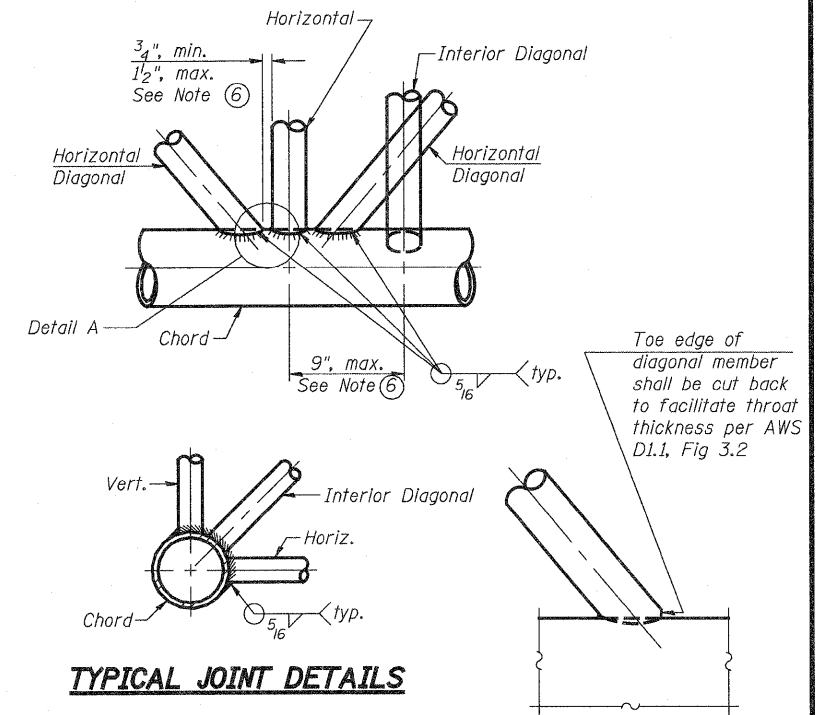
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**ELEVATION  
TYPICAL INTERIOR UNIT**  
Even number of panels/interior unit required.

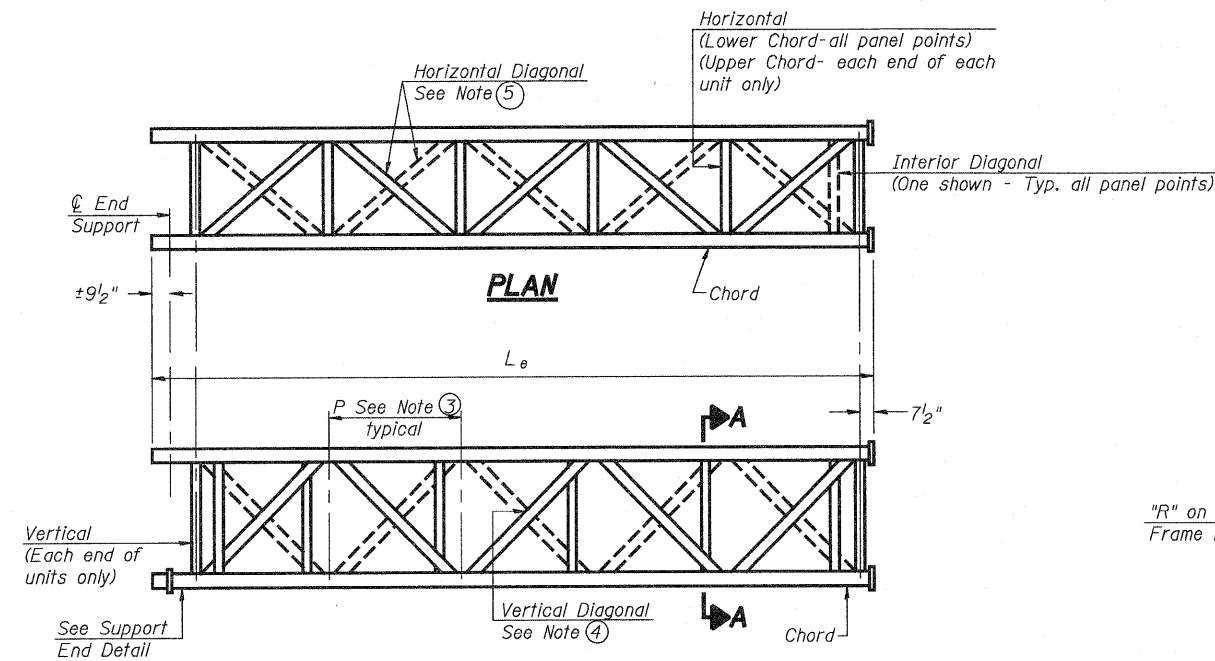


**SUPPORT END DETAIL FOR EXTERIOR UNIT**

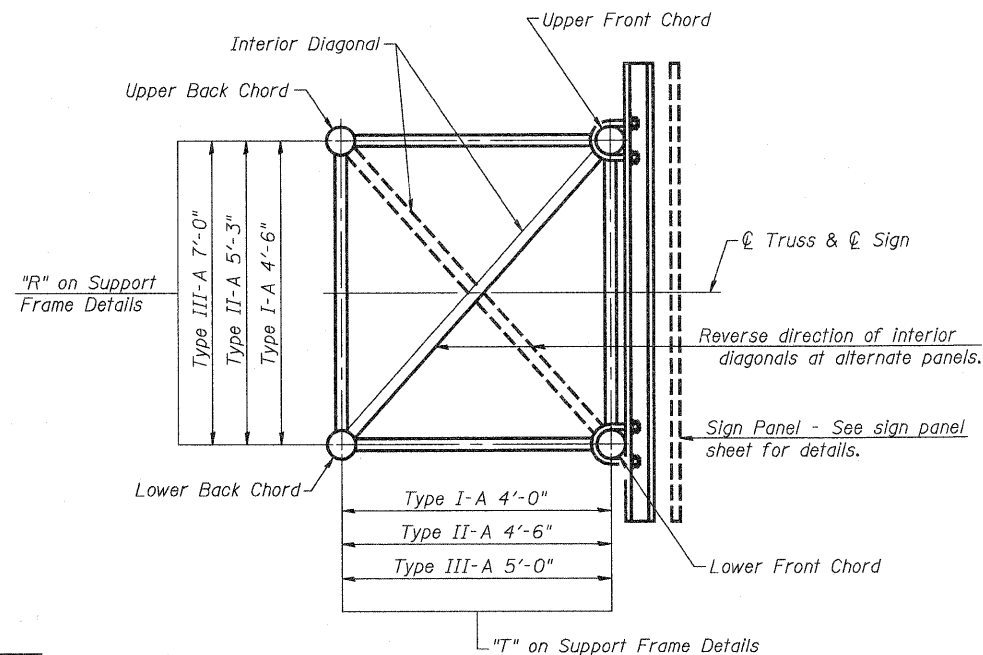


**TYPICAL JOINT DETAILS**

**DETAIL A**



**ELEVATION  
TYPICAL EXTERIOR UNIT**  
Even or odd number of panels/exterior units allowed.



**SECTION A-A**

- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2"  $\phi$  drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 1/2" end dimension may vary by  $\pm 1"$  to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- ④ Vertical Diagonals in front and back face shall alternate.
- ⑤ Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- ⑥ All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 3/4" minimum to 1 1/2" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

DESIGNED	ESW
CHECKED	JWS
DRAWN	PDB
CHECKED	BRM

OS-A-2 12-1-08

NUMBER	REVISION	DATE

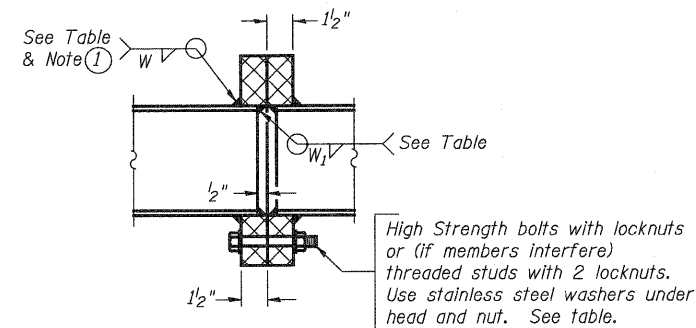
**OVERHEAD SIGN STRUCTURES  
ALUMINUM TRUSS DETAILS  
FOR TRUSS TYPES I-A, II-A AND III-A**

SHEET NO. 13	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57Z70	(25-3)R	EFFINGHAM	1416	365
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

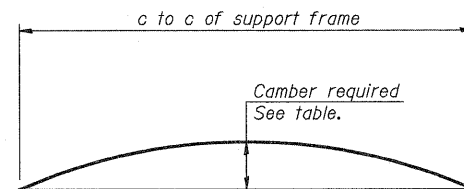
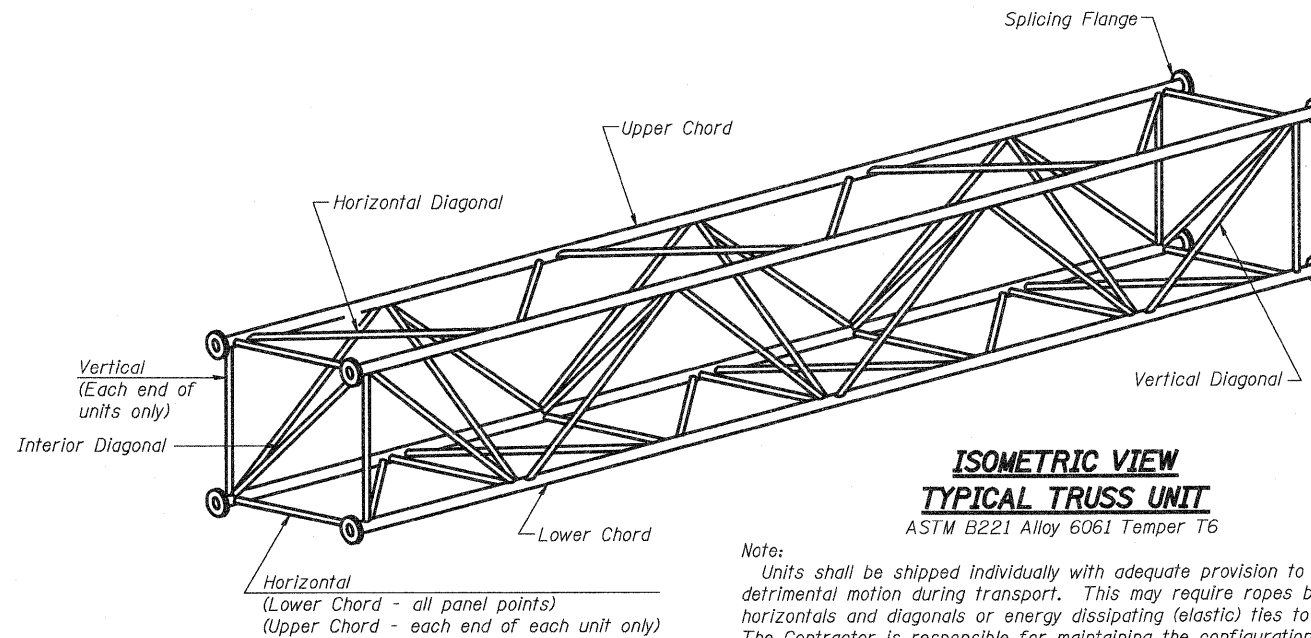
TRUSS UNIT TABLE

Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange					
			No. Panels per Unit	Unit Lgth.(L <sub>e</sub> )	Panel Lgth.(P)	No. Req'd.	No. Panels per Unit	Unit Lgth.(L <sub>i</sub> )	Panel Lgth.(P)	O.D.	Wall	O.D.	Wall		Bolts		Weld Sizes		A	B
															No./Splice	Dia.	W	W <sub>i</sub>		
7S0251070R091.4	2008+85	I-A	6	30'-10 1/2"	4'-10"	0	-	-	-	5"	1/4"	2 1/2"	1/4"	1 3/8"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"
7S0251070R091.8	2028+00	I-A	7	36'-10 1/2"	5'-0"	0	-	-	-	5"	5/16"	2 1/2"	5/16"	1 7/8"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"
7S0251057L157.7	2063+00	I-A	5	26'-5 1/2"	4'-11"	1	6	30'-9"	4'-11"	5"	5/16"	2 1/2"	5/16"	2 3/8"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"
7S0251057L158.0	2077+87	I-A	7	36'-10 1/2"	5'-0"	0	-	-	-	5"	5/16"	2 1/2"	5/16"	1 7/8"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"



SECTION B-B

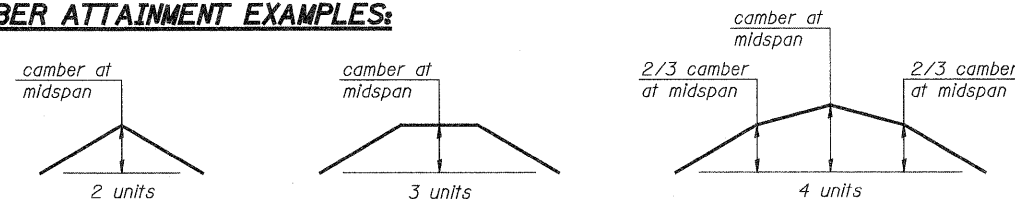
① Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.



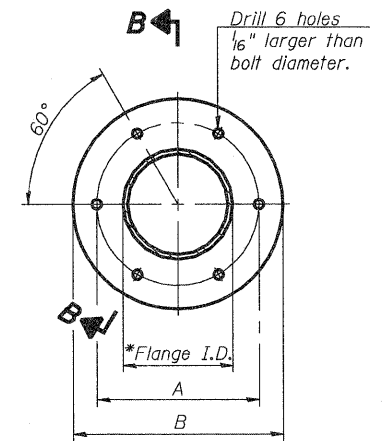
CAMBER DIAGRAM

Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

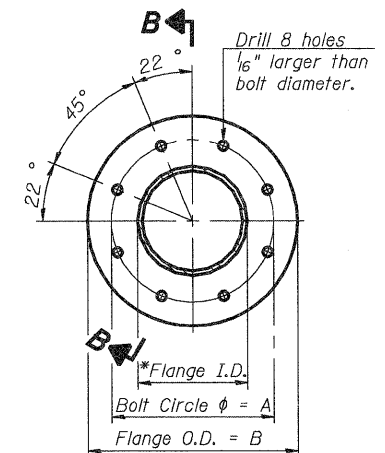
CAMBER ATTAINMENT EXAMPLES:



Camber shown is for fabrication only, measured with truss fully supported. (No-load condition)



TRUSS TYPES I-A, II-A, & III-A



TRUSS TYPES II-A & III-A

SPLICING FLANGES

ASTM B221, Alloy 6061-T6  
or ASTM B209, Alloy 6061-T651

\*To fit O.D. of Chord with maximum gap of 1/16".

NUMBER	REVISION	DATE

DESIGNED -	ESW
CHECKED -	JWS
DRAWN -	PDB
CHECKED -	BRM

OS4-A-2

12-1-08

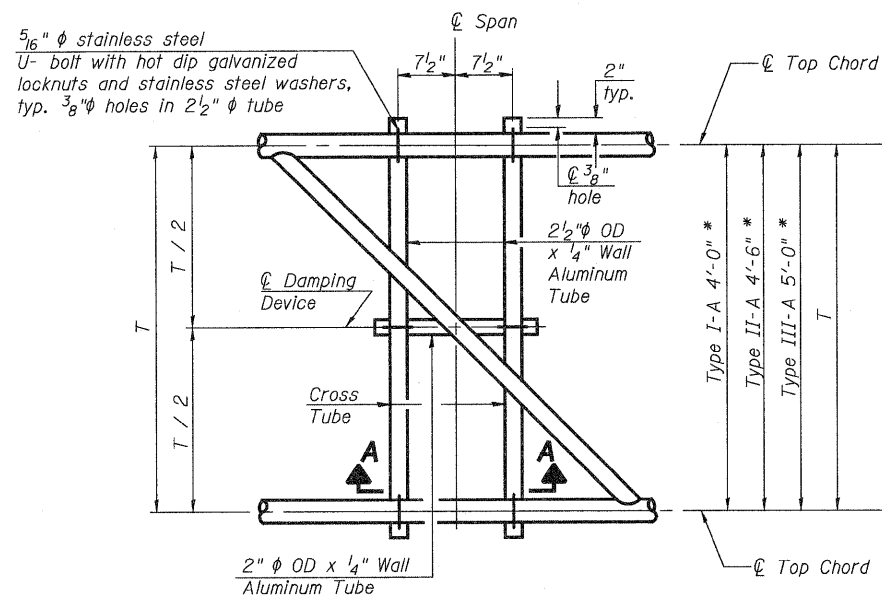
OVERHEAD SIGN STRUCTURES  
ALUMINUM TRUSS DETAILS  
FOR TRUSS TYPES I-A, II-A AND III-A

SHEET NO.	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	57/70	(25-3)R	EFFINGHAM	1416	366
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

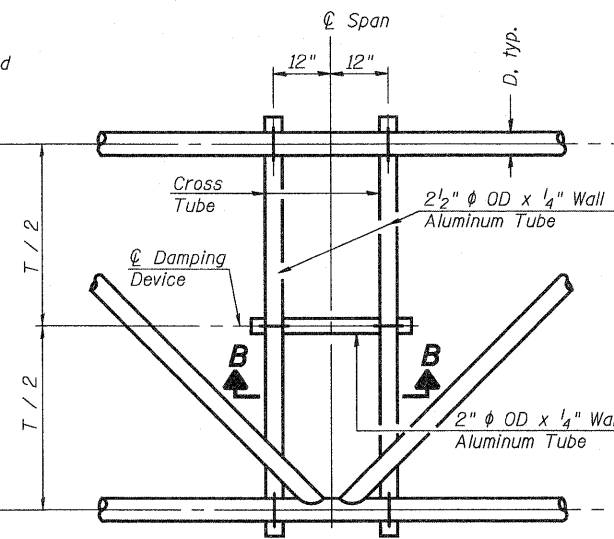
REVISED 4-20-10

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

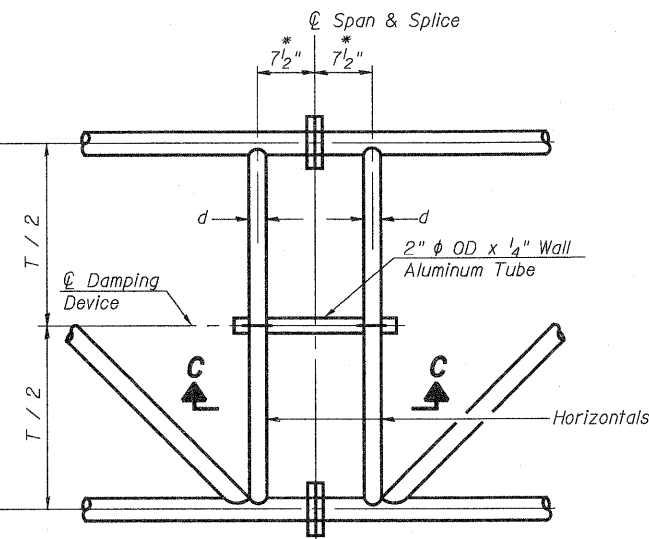
\* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.



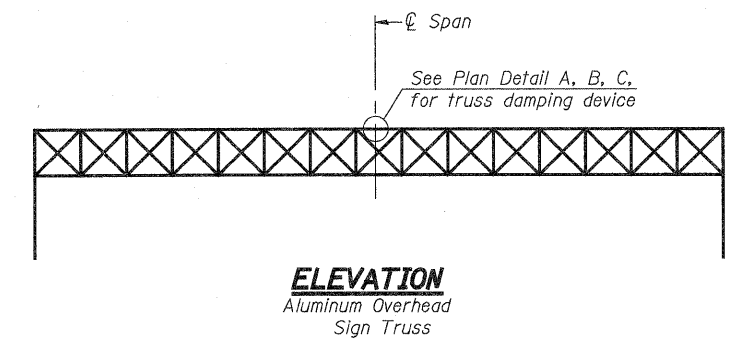
**PLAN DETAIL "A"**  
Span between Panel Points



**PLAN DETAIL "B"**  
Span at Panel Point



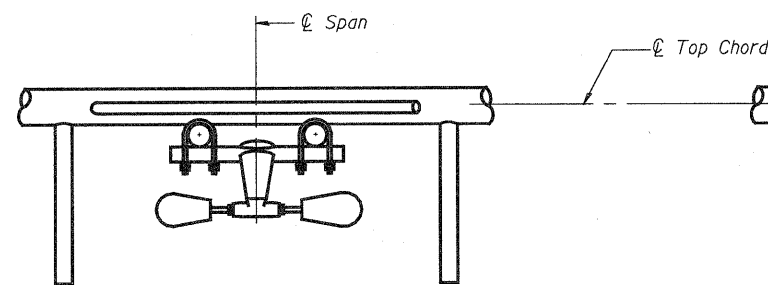
**PLAN DETAIL "C"**  
Span at Chord Splice



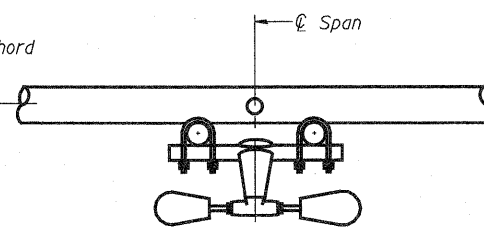
**ELEVATION**  
Aluminum Overhead Sign Truss

**NOTES**

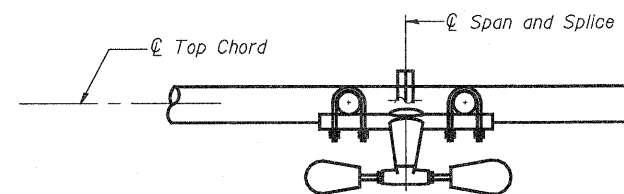
- Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...
- Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



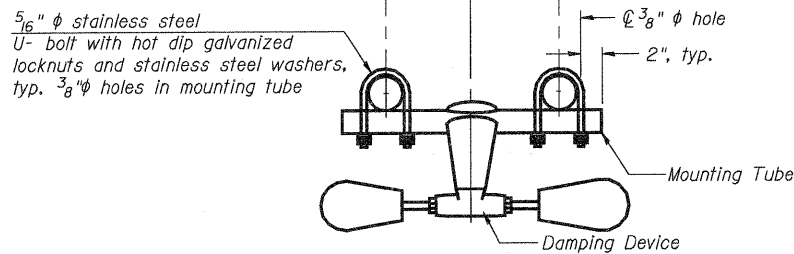
**SECTION A-A**



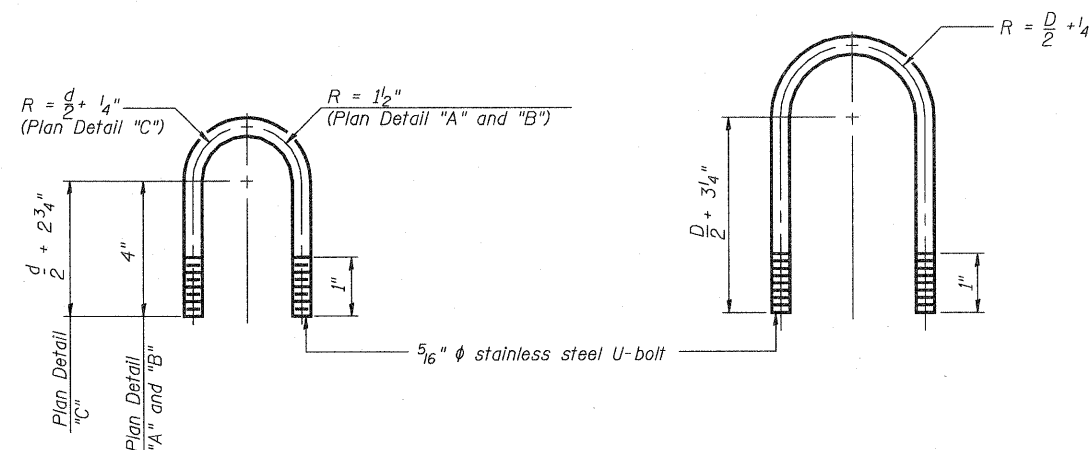
**SECTION B-B**



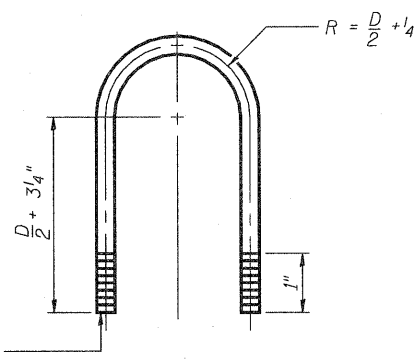
**SECTION C-C**



**TRUSS DAMPING DEVICE CONNECTION DETAIL**  
(Typical)



**DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL**  
(Typical)



**TOP CHORD TO CROSS TUBE U-BOLT DETAIL**  
(Typical - Detail "A" and "B")

DESIGNED	ESW
CHECKED	JWS
DRAWN	PDB
CHECKED	BRM

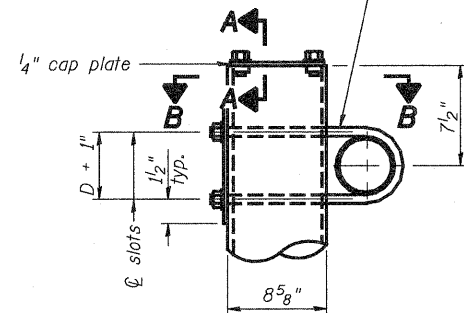
OS-A-D

12-1-08

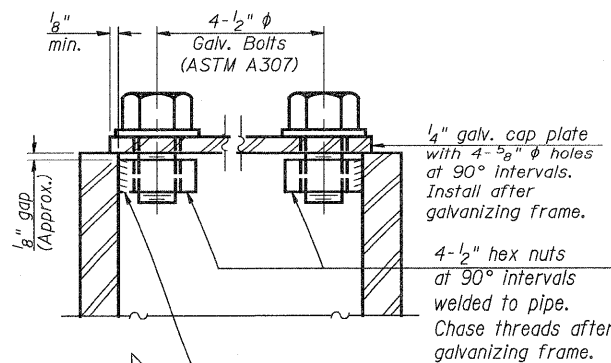
OVERHEAD SIGN STRUCTURE DAMPING DEVICE					
SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15	57/70	(25-3)R	EFFINGHAM	1416	367
			CONTRACT NO. 74296		
SHEETS 33		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

3/4" φ stainless steel U-bolt.  
Provide two washers and two hexagon locknuts. (4)  
13/16" x 2" slots on 8" φ pipe.  
(4 slots required per pipe)

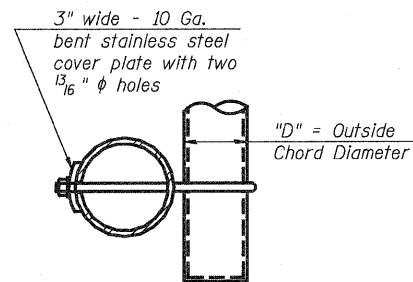


**DETAIL A**

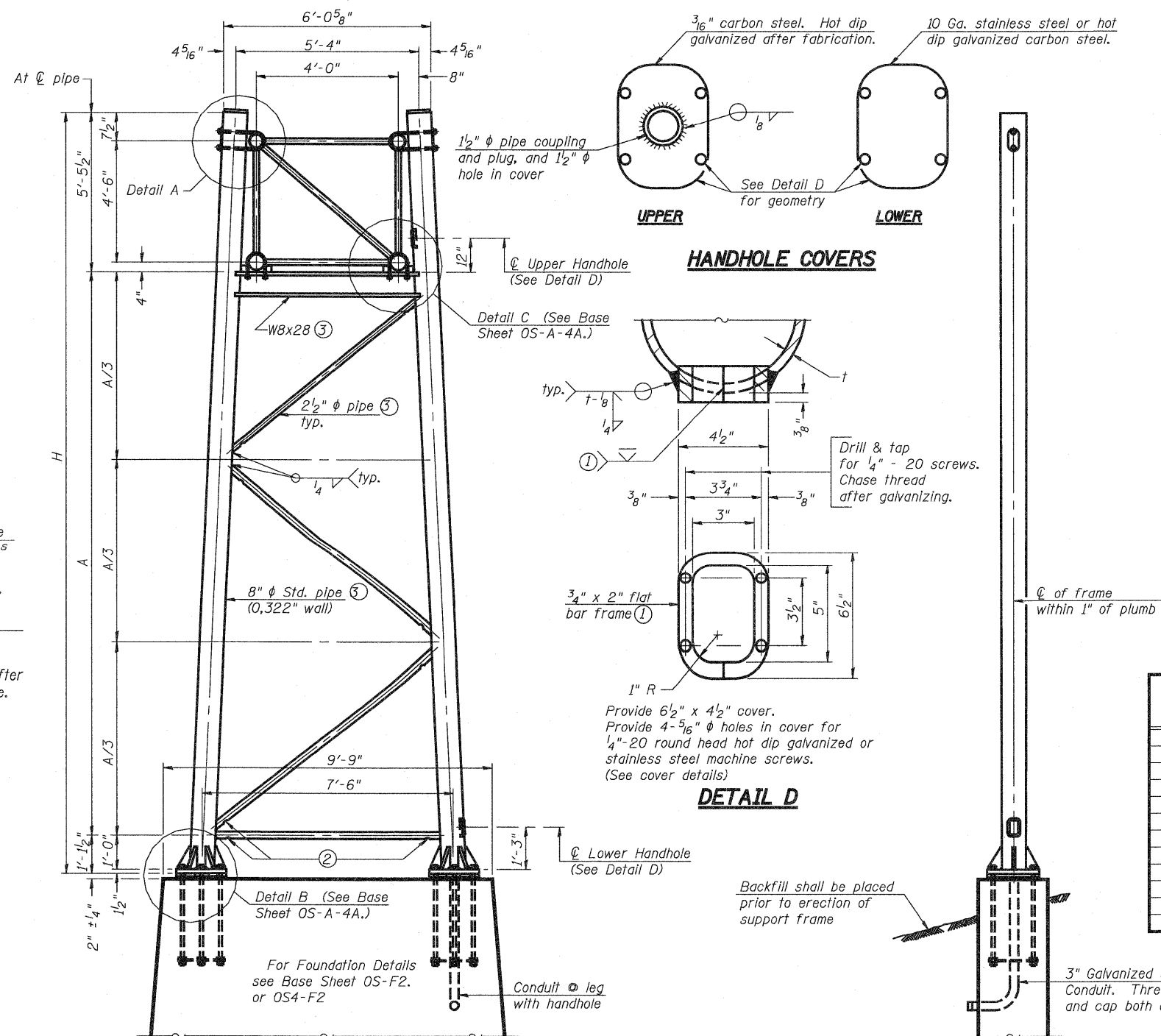


**SECTION A-A**

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.

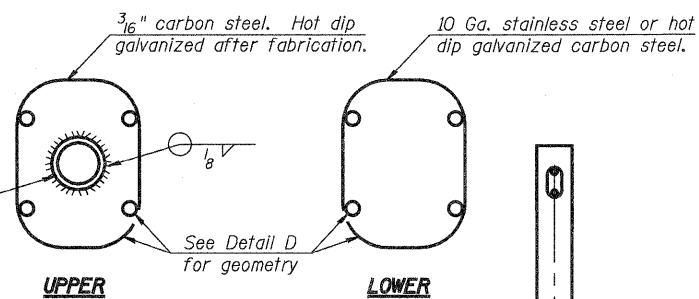


**SECTION B-B**

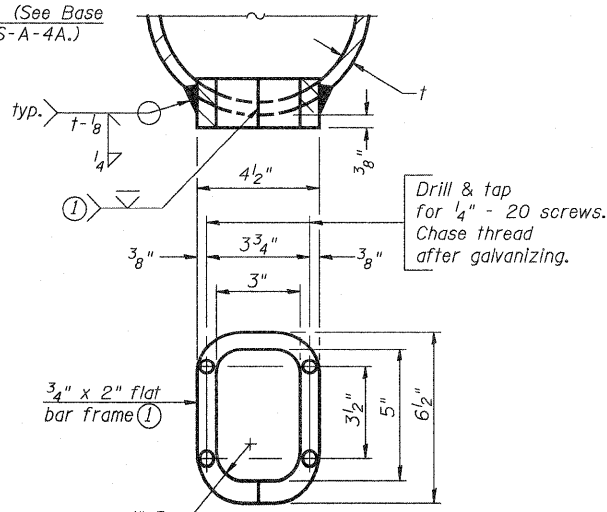


**SIDE ELEVATION**

**8" φ PIPE TRUSS SUPPORT FRAME**



**HANDHOLE COVERS**



**DETAIL D**

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.  
Load combinations checked include deadload plus:  
a) 100% wind normal to sign, 20% parallel to sign  
b) 60% wind normal to sign, 30% parallel to sign

- ① In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μin or less.
- ② Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- ③ Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- ④ See General Notes for fasteners.
- ⑤ Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- ⑥ "H" based on 15'-0" or actual sign height, whichever is greater.

Structure Number	Station	Support		H ⑥	A
		Left	Right		
7S0251070R091.4	2008+85		✓	26'-11"	20'-4"
7S0251070R091.4	2008+85	✓		27'-5"	20'-10"
7S0251070R091.8	2028+00		✓	27'-7"	21'-0"
7S0251070R091.8	2028+00	✓		27'-5"	20'-10"
7S0251057L158.0	2077+87		✓	28'-0"	21'-5"
7S0251057L158.0	2077+87	✓		28'-0"	21'-5"

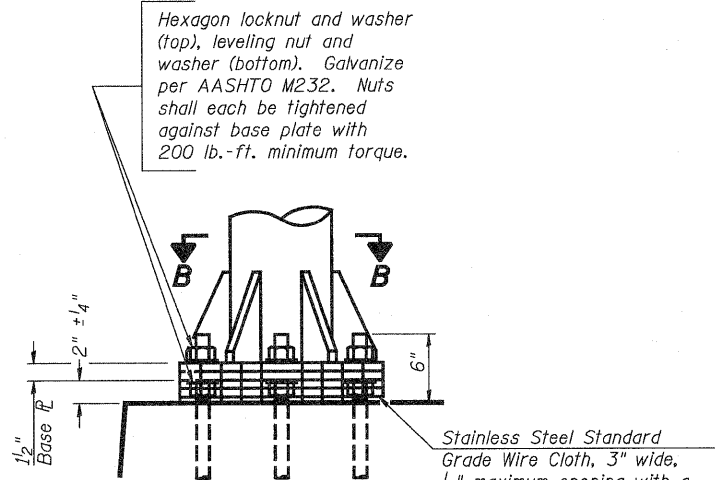
DESIGNED	ESW
CHECKED	JWS
DRAWN	PDB
CHECKED	BRM

OS-A-4 12-1-08

NUMBER	REVISION	DATE

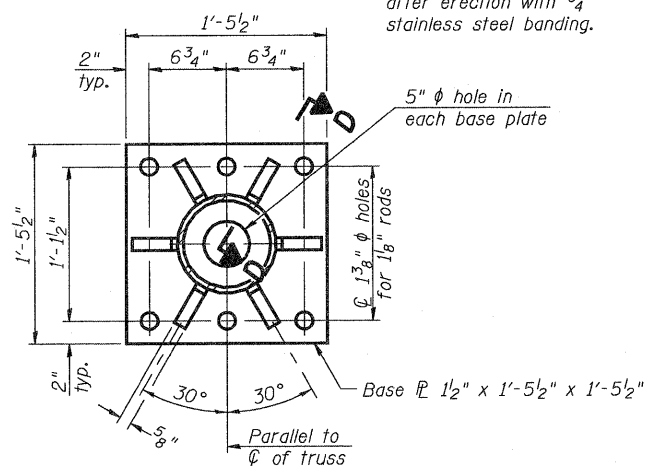
SHEET NO. 16	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	368
SHEETS 33	CONTRACT NO. 74296				
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

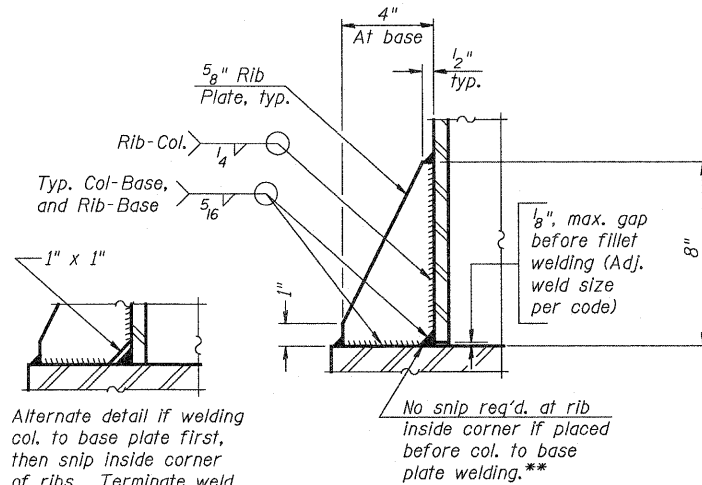


**DETAIL B**

Ribs shall be cut to fit slope of pipe.

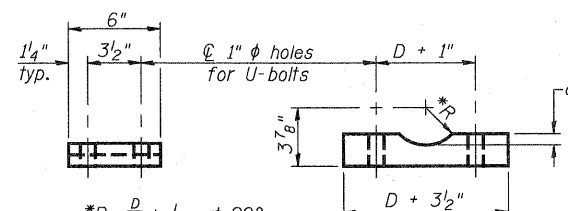


**SECTION B-B**



**SECTION D-D**

\*\* Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.



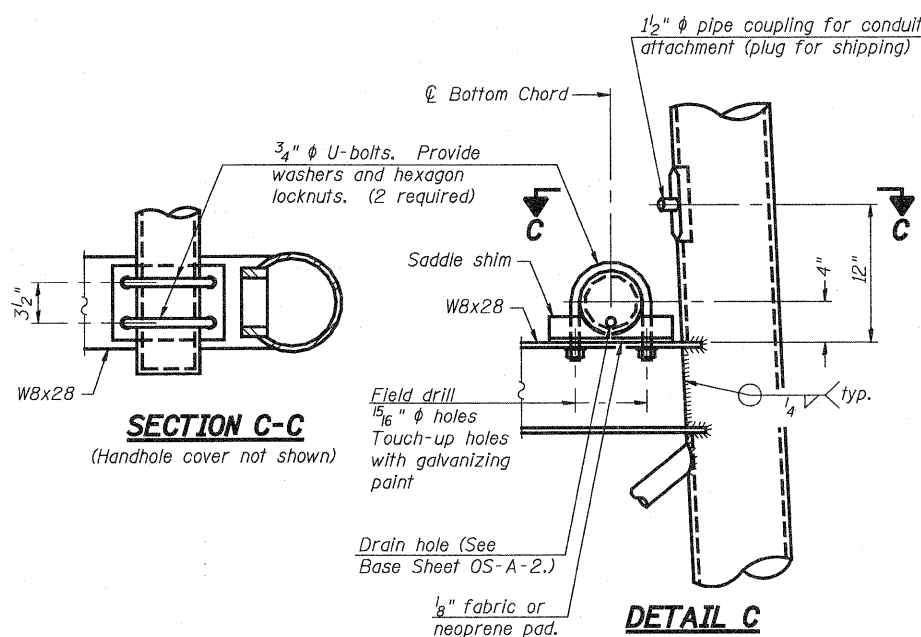
\*R =  $\frac{D}{2} + \frac{1}{32}$  at 90°  
D = Outside Diameter of Chord.

**SADDLE SHIM DETAIL**

ASTM B26 Alloy 356-F  
or  
ASTM B209 Alloy 6061-T651  
(4 required per sign truss)

Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	13/16"
6"	7/8"
6 1/2"	15/16"

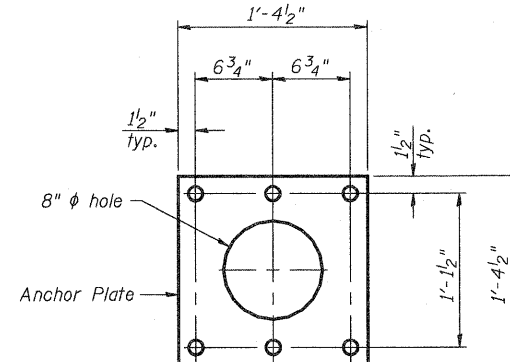
NUMBER	REVISION	DATE



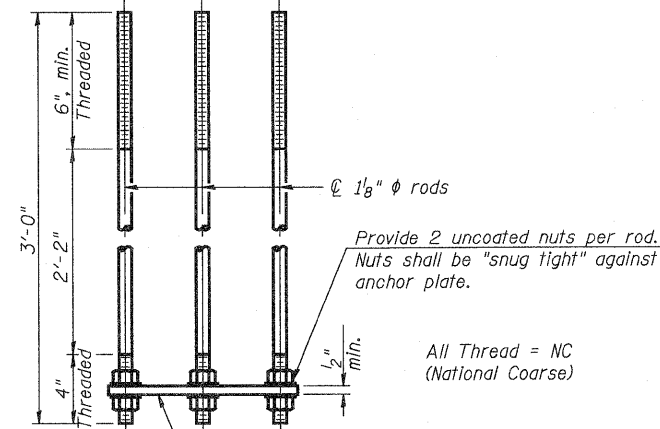
**SECTION C-C**

(Handhole cover not shown)

**DETAIL C**



**ANCHOR ROD DETAIL**  
Spread Footing Foundation



**ANCHOR ROD DETAIL**  
Drilled Shaft Foundation

At each location, provide 1/4" thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.

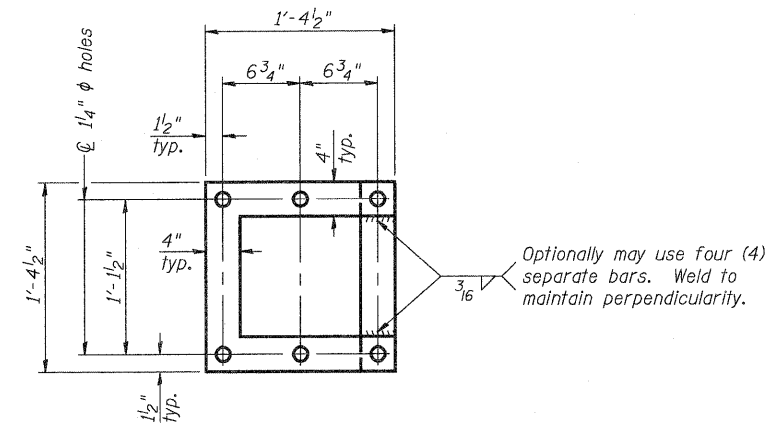
1/4" plate and extra nuts become Contractor's property. Cost included in Drilled Shaft Concrete Foundations.

$\phi$  1/8"  $\phi$  rod

All Thread = NC (National Coarse)

Provide 1 uncoated nut per rod. Deform thread or use chemical thread lock to secure.

**POSITIONING PLATE(S)**



**TYPE I-A TRUSS**  
8"  $\phi$  PIPE SUPPORT FRAME DETAILS

Anchor rods shall conform to AASHTO M314 Grade 36 or 55 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.

**OVERHEAD SIGN STRUCTURES**  
**SUPPORT FRAME DETAILS ALUMINUM TRUSS**

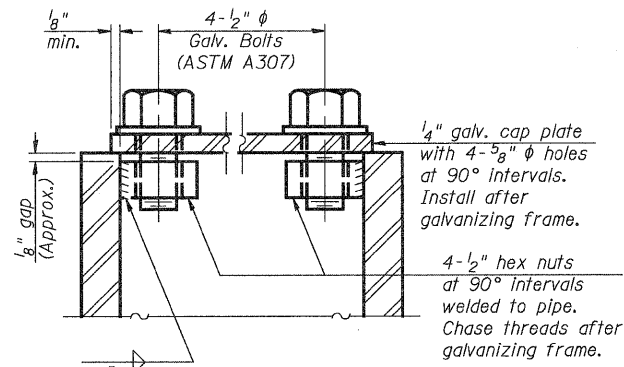
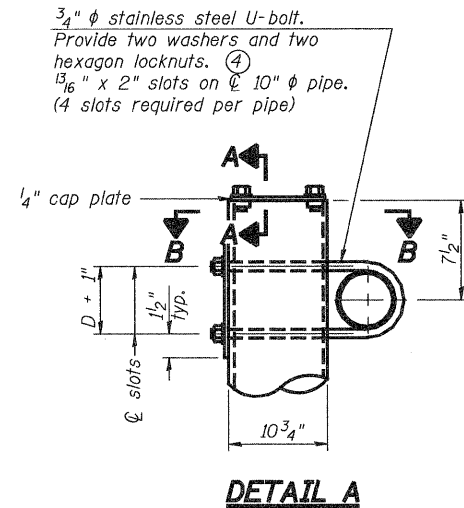
DESIGNED -	ESW
CHECKED -	JWS
DRAWN -	PDB
CHECKED -	BRM

OS-A-4A

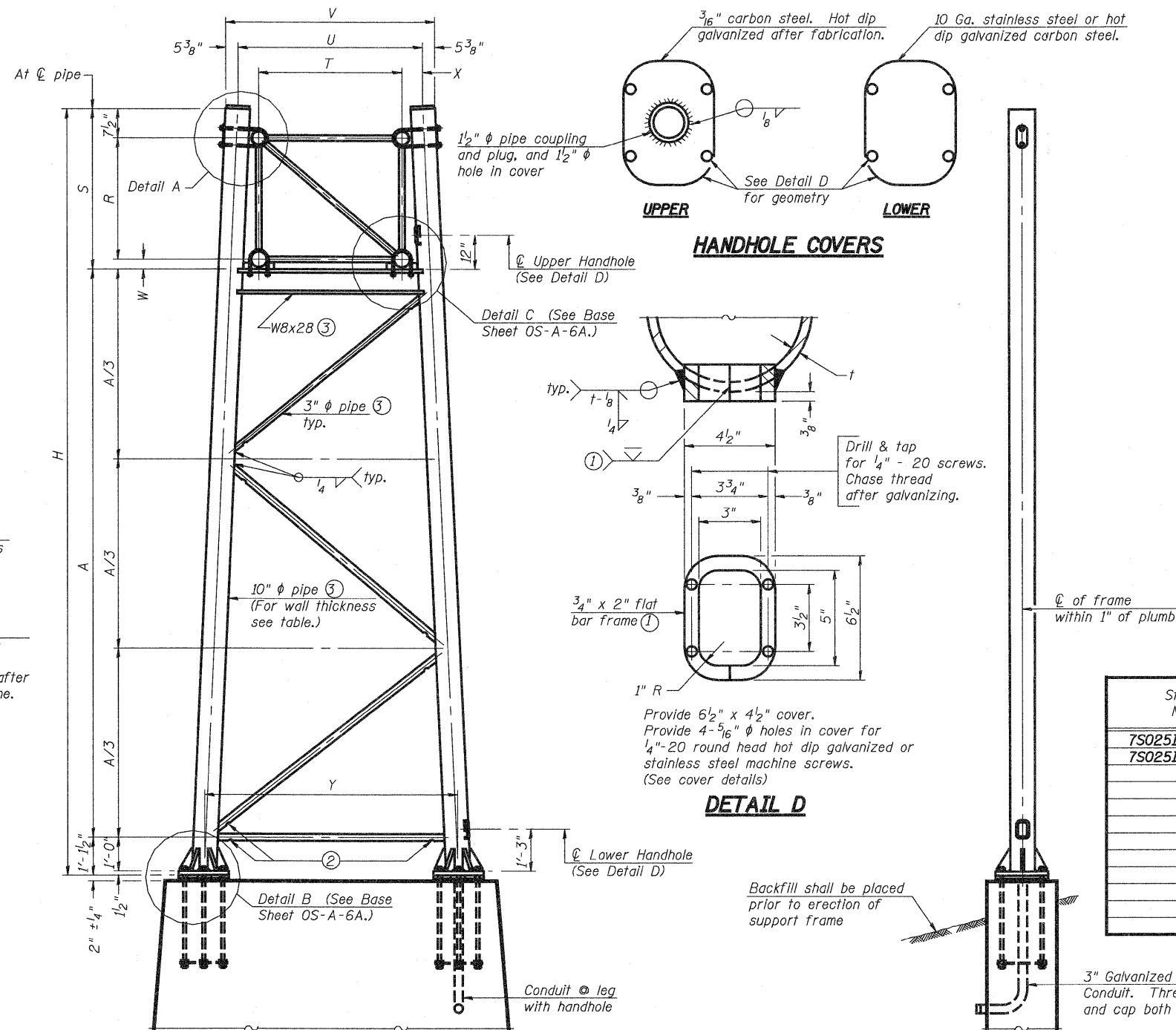
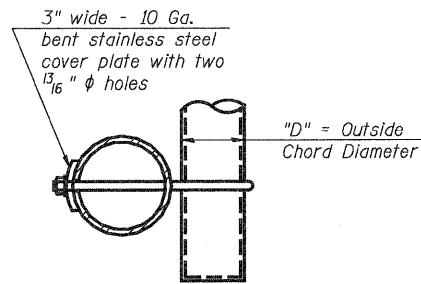
12-1-08

SHEET NO.	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	57/70	(25-3)R	EFFINGHAM	1416	369
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

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As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.

Load combinations checked include deadload plus:  
a) 100% wind normal to sign, 20% parallel to sign  
b) 60% wind normal to sign, 30% parallel to sign

- ① In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500  $\mu$ in or less.
- ② Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- ③ Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- ④ See General Notes for fasteners.
- ⑤ Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- ⑥ "H" based on 15'-0" or actual sign height, whichever is greater.

Structure Number	Station	Support		Truss Type	Pipe Wall Thickness	H (6)	A
		Left	Right				
7S0251057L157.7	2063+00		✓	I-A	0.279	27'-11"	21'-4"
7S0251057L157.7	2063+00	✓		I-A	0.279	27'-11"	21'-4"

For Foundation Details, see base sheet OS-F3 (Spread Footing) or OS4-F3 (Drilled Shaft).

**SIDE ELEVATION**

**END ELEVATION**

**10"  $\phi$  PIPE TRUSS SUPPORT FRAME**

DESIGNED -	ESW
CHECKED -	JWS
DRAWN -	PDB
CHECKED -	BRM

OS-A-6 12-1-08

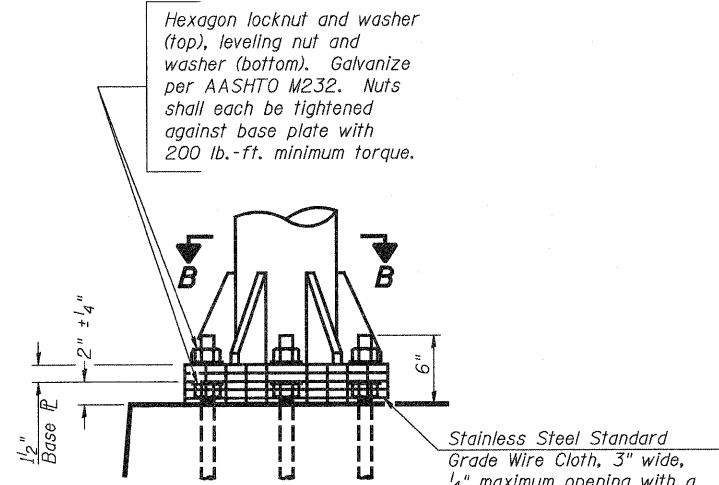
NUMBER	REVISION	DATE

Truss Type	Dimensions							
	R	S	T	U	V	W	X	Y
I-A	4'-6"	5'-5 1/2"	4'-0"	5'-6"	6'-4 3/4"	4"	9"	8'-3"
II-A (5)	5'-3"	6'-3 1/4"	4'-6"	6'-1"	6'-11 3/4"	4 3/4"	9 1/2"	8'-3"

**OVERHEAD SIGN STRUCTURES  
SUPPORT FRAME FOR ALUMINUM TRUSS**

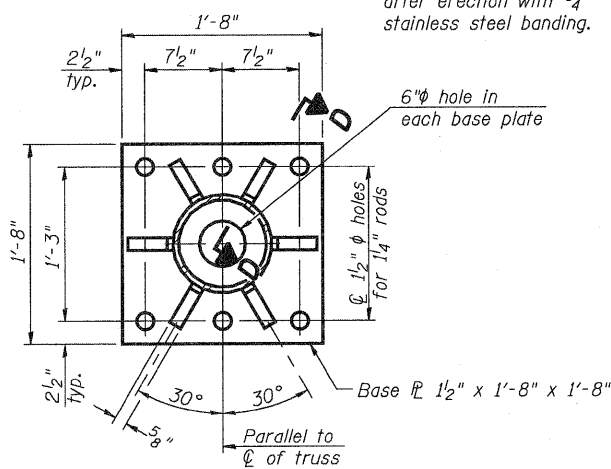
SHEET NO. 18	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	370
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

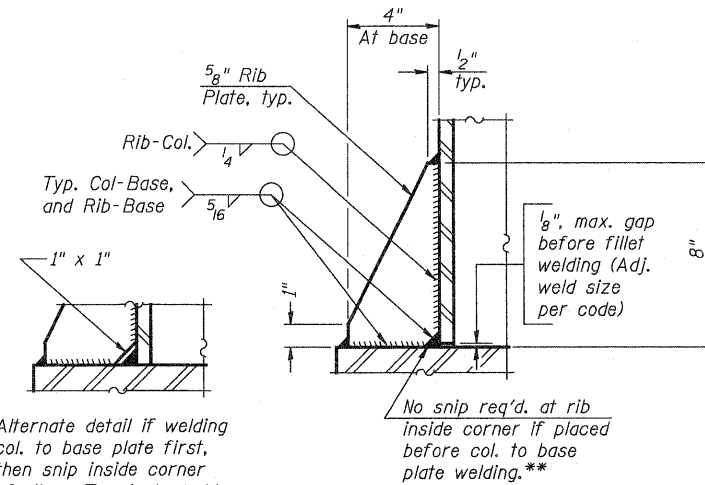


**DETAIL B**

Ribs shall be cut to fit slope of pipe.

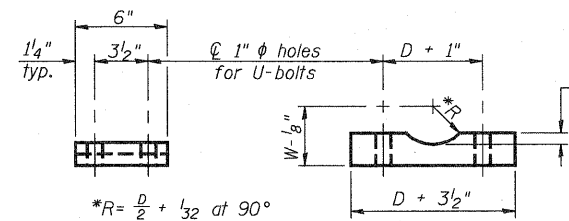


**SECTION B-B**



**SECTION D-D**

\*\* Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.



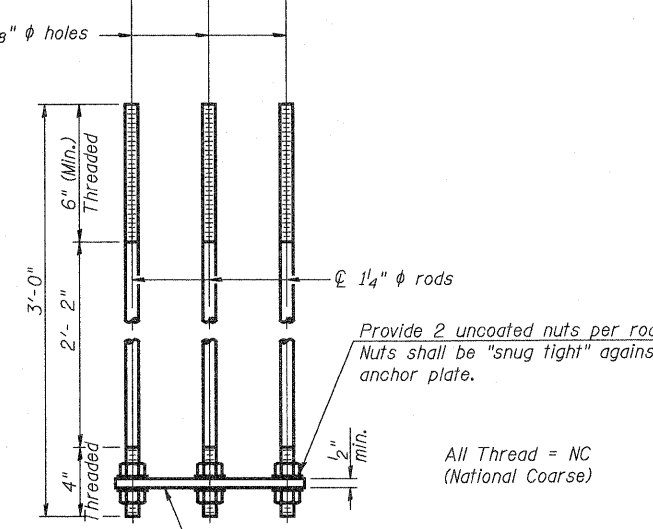
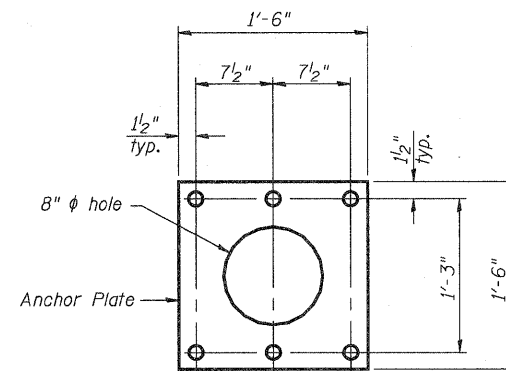
$*R = \frac{D}{2} + \frac{1}{2}$  at 90°

D = Outside Diameter of Chord.  
For W, see Base Sheet OS-A-6.

**SADDLE SHIM DETAIL**

ASTM B26 Alloy 356-F  
or  
ASTM B209 Alloy 6061-T651  
(4 required per sign truss)

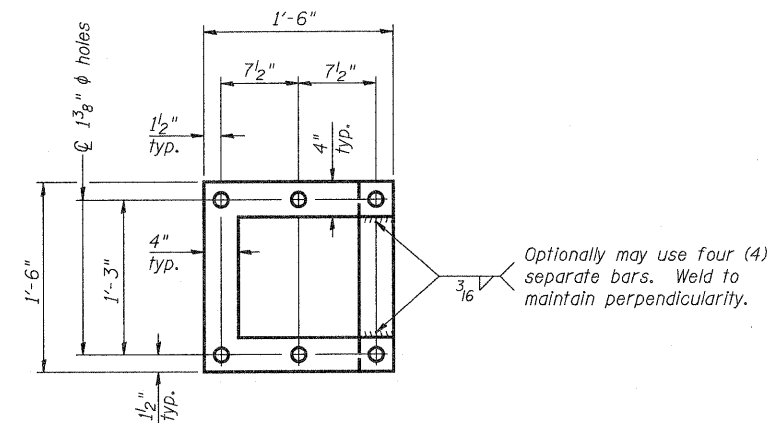
Truss Chord Nominal Dia.	a
5"	3 3/4"
5 1/2"	4 1/8"
6"	4 7/8"
6 1/2"	5 1/8"
7"	6"



**ANCHOR ROD DETAIL**  
Spread Footing Foundation

Anchor rods shall conform to AASHTO M314 Grade 36 or 50 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.

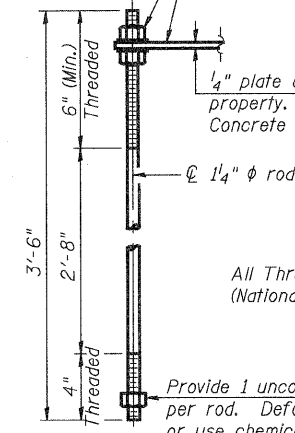
**10"  $\phi$  PIPE SUPPORT FRAME DETAILS**



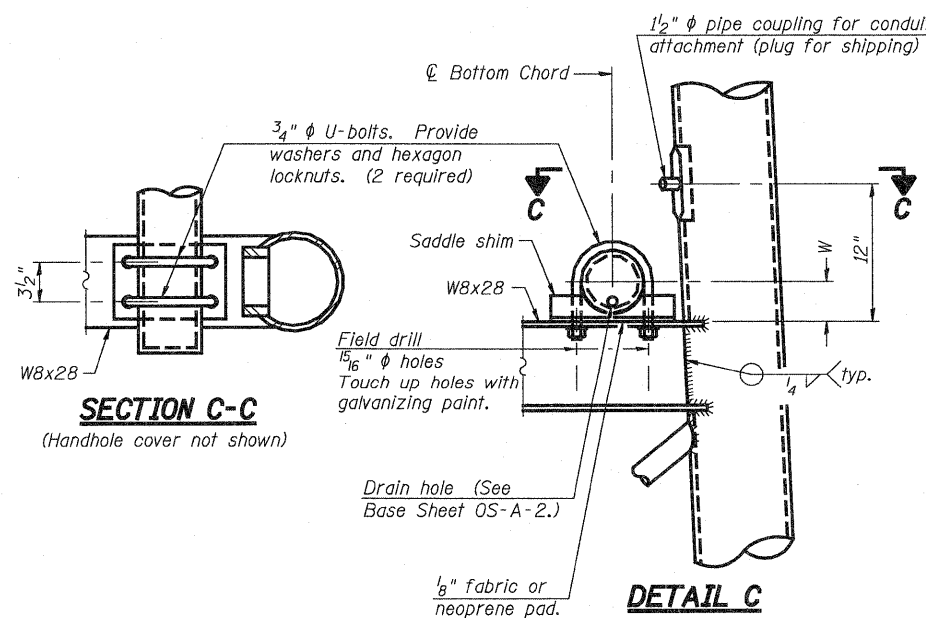
**POSITIONING PLATE(S)**

At each location, provide 1/4" thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.

1/4" plate and extra nuts become Contractor's property. Cost included in Drilled Shaft Concrete Foundations.



**ANCHOR ROD DETAIL**  
Drilled Shaft Foundation



**SECTION C-C**

**DETAIL C**

NUMBER	REVISION	DATE

DESIGNED	ESW
CHECKED	JWS
DRAWN	PDB
CHECKED	BRM

OS-A-6A

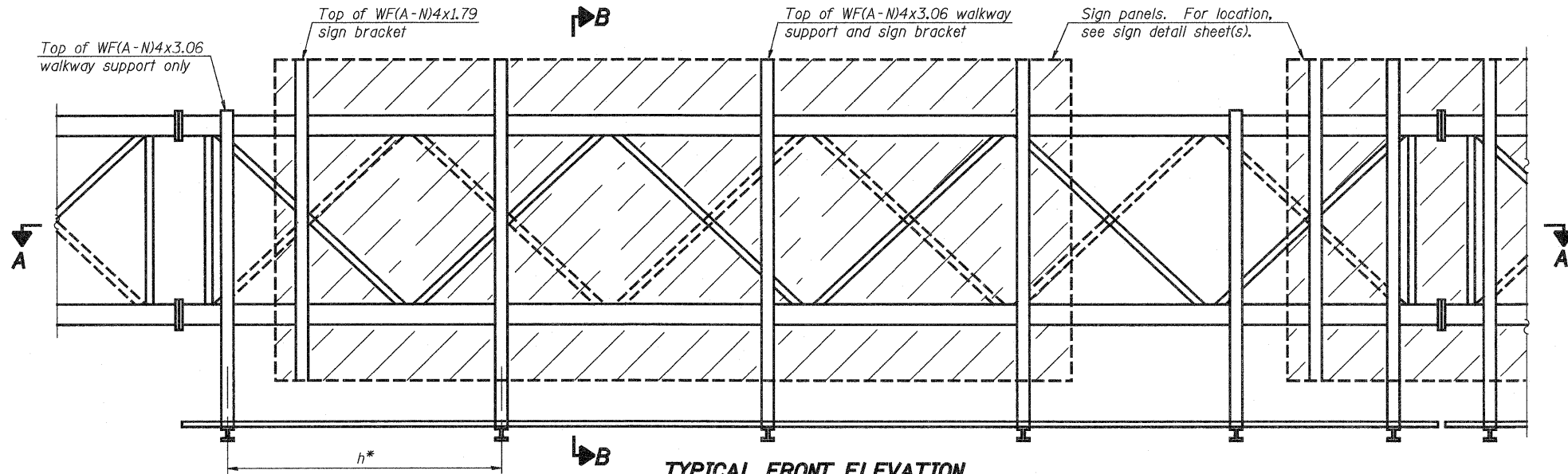
12-1-08

**OVERHEAD SIGN STRUCTURES  
SUPPORT FRAME DETAILS ALUMINUM TRUSS**

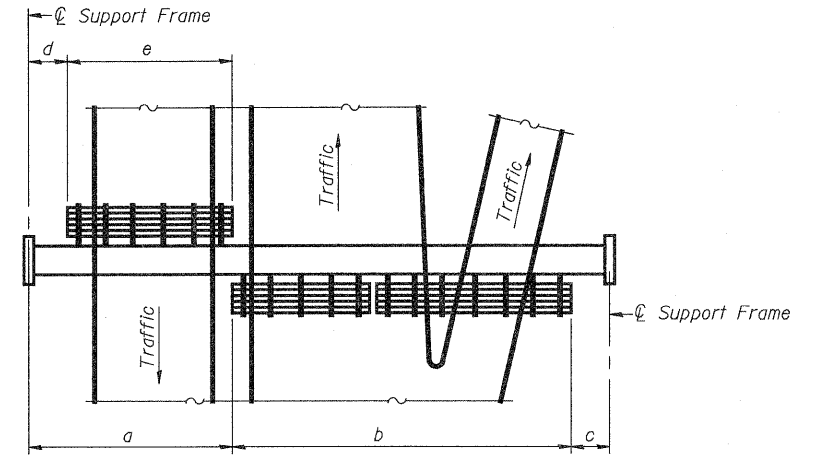
SHEET NO. 19	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	371
SHEETS 33	CONTRACT NO. 74296				
	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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**TYPICAL FRONT ELEVATION**  
With lights and handrail omitted for clarity.  
For Section B-B, see Base Sheet OS-A-10.



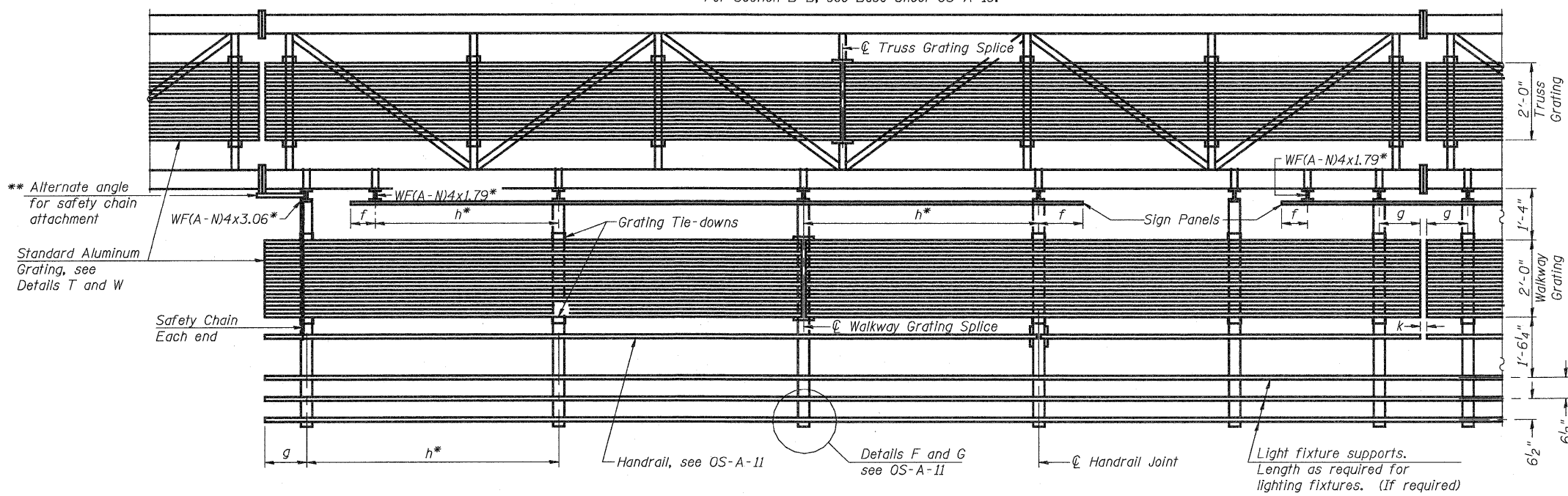
**PLAN  
WALKWAY AND HANDRAIL SKETCH**  
(Road plan beneath truss varies)

**BRACKET TABLE**

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

- Notes:**
- \* Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:  
 $f = 12"$  maximum, 4" minimum (End of sign to  $\phi$  of nearest bracket)  
 $g = 12"$  maximum, 4" minimum (End of walkway grating to  $\phi$  of nearest support bracket)  
 $h = 6'-0"$  maximum ( $\phi$  to  $\phi$  sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)  
 $k = 2"$  maximum gap between adjacent walkway grating sections and handrail ends

- \*\* If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.  
 For Details T and W, Section B-B and Grating Splice Details see Base Sheet OS-A-10.  
 For Handrail Details see Base Sheet OS-A-11.



**SECTION A-A**

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Handrail joints, grating, and light support splices placed as needed.

Truss grating to facilitate inspection shall run full length (center to center of support frames)  $\pm 12"$  on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

NUMBER	REVISION	DATE

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
7S0251070R091.4	2008+85	14'-0"	32'-0"	14'-0"	-	-	32'-0"
7S0251070R091.8	2028+00	14'-0"	44'-0"	14'-0"	-	-	44'-0"
7S0251057L157.7	2063+00	14'-0"	54'-0"	14'-0"	-	-	54'-0"
7S0251057L158.0	2077+87	14'-0"	44'-0"	14'-0"	-	-	44'-0"

Walkway and Truss Grating width dimensions are nominal and may vary  $\pm 1/2"$  based on available standard widths.

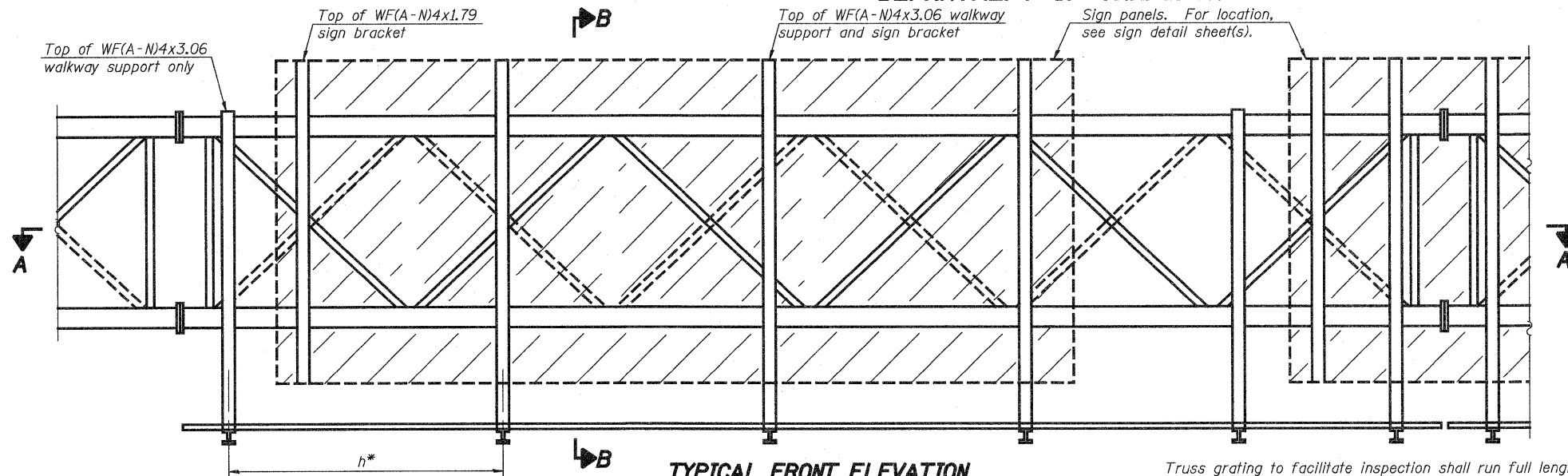
**OVERHEAD SIGN STRUCTURES  
ALUMINUM WALKWAY DETAILS**

DESIGNED - ESW  
 CHECKED - JWS  
 DRAWN - PDB  
 CHECKED - BRM

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SHEET NO. 20	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	372
SHEETS 33	CONTRACT NO. 74296			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

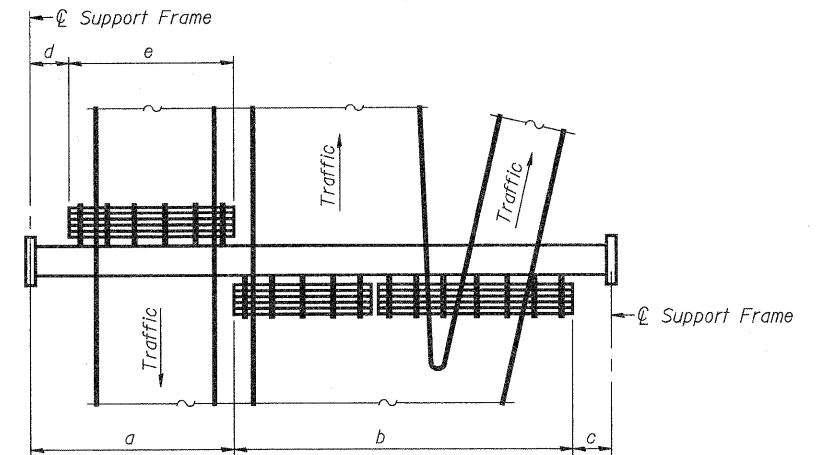
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**TYPICAL FRONT ELEVATION**

With lights and handrail omitted for clarity.  
For Section B-B, see Base Sheet OS-A-10.

Truss grating to facilitate inspection shall run full length  
(center to center of support frames) ±12" on overhead trusses.  
Cost of truss grating is included in "Overhead Sign Structure".



**PLAN**  
**WALKWAY AND HANDRAIL SKETCH**  
(Road plan beneath truss varies)

**BRACKET TABLE**

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

Notes:

\* Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to  $\varnothing$  of nearest bracket)  
g = 12" maximum, 4" minimum (End of walkway grating to  $\varnothing$  of nearest support bracket)

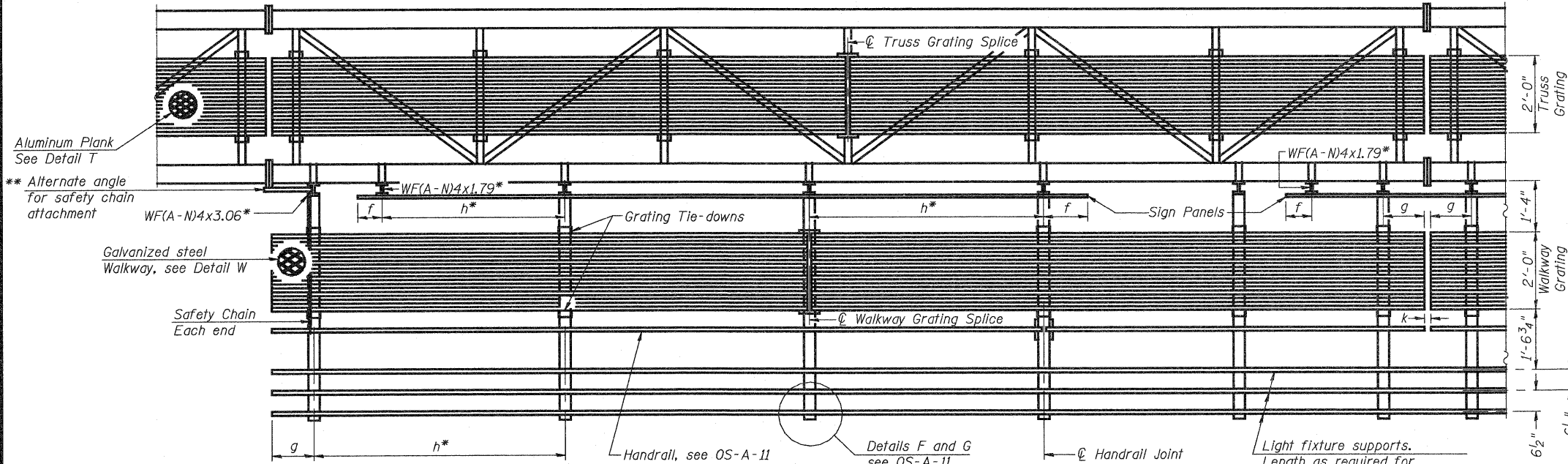
h = 6'-0" maximum ( $\varnothing$  to  $\varnothing$  sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)

k = 2" maximum gap between adjacent walkway grating sections and handrail ends

\*\* If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.

For Details T and W, Section B-B and Grating Splice Details see Base Sheet OS-A-10.

For handrail details see base sheet OS-A-11.



**SECTION A-A**

Handrail and walkway shall span a minimum of three brackets and/or gap joints.  
Place all sign and walkway brackets as close to panel points as practical.  
Handrail joints, grating, and light support splices placed as needed.

Note:

Details shown are considered equal alternatives to the Aluminum Walkway on Base Sheet OS-A-9, and may be substituted by Contractor at no change in contract cost.

Walkway and Truss Grating width dimensions are nominal and may vary ±1/2" based on available standard widths.

NUMBER	REVISION	DATE

DESIGNED -	ESW
CHECKED -	JWS
DRAWN -	PDB
CHECKED -	BRM

OS-A-9S

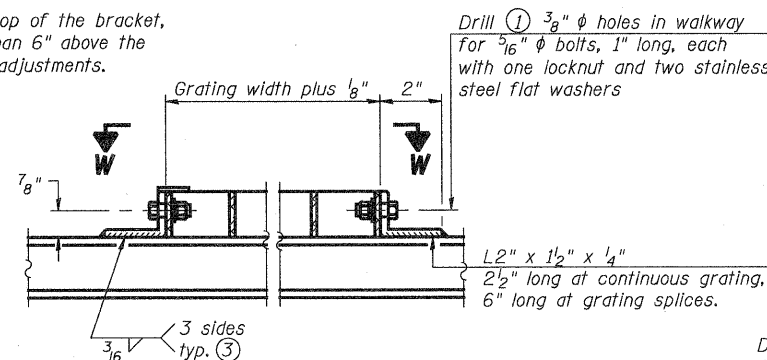
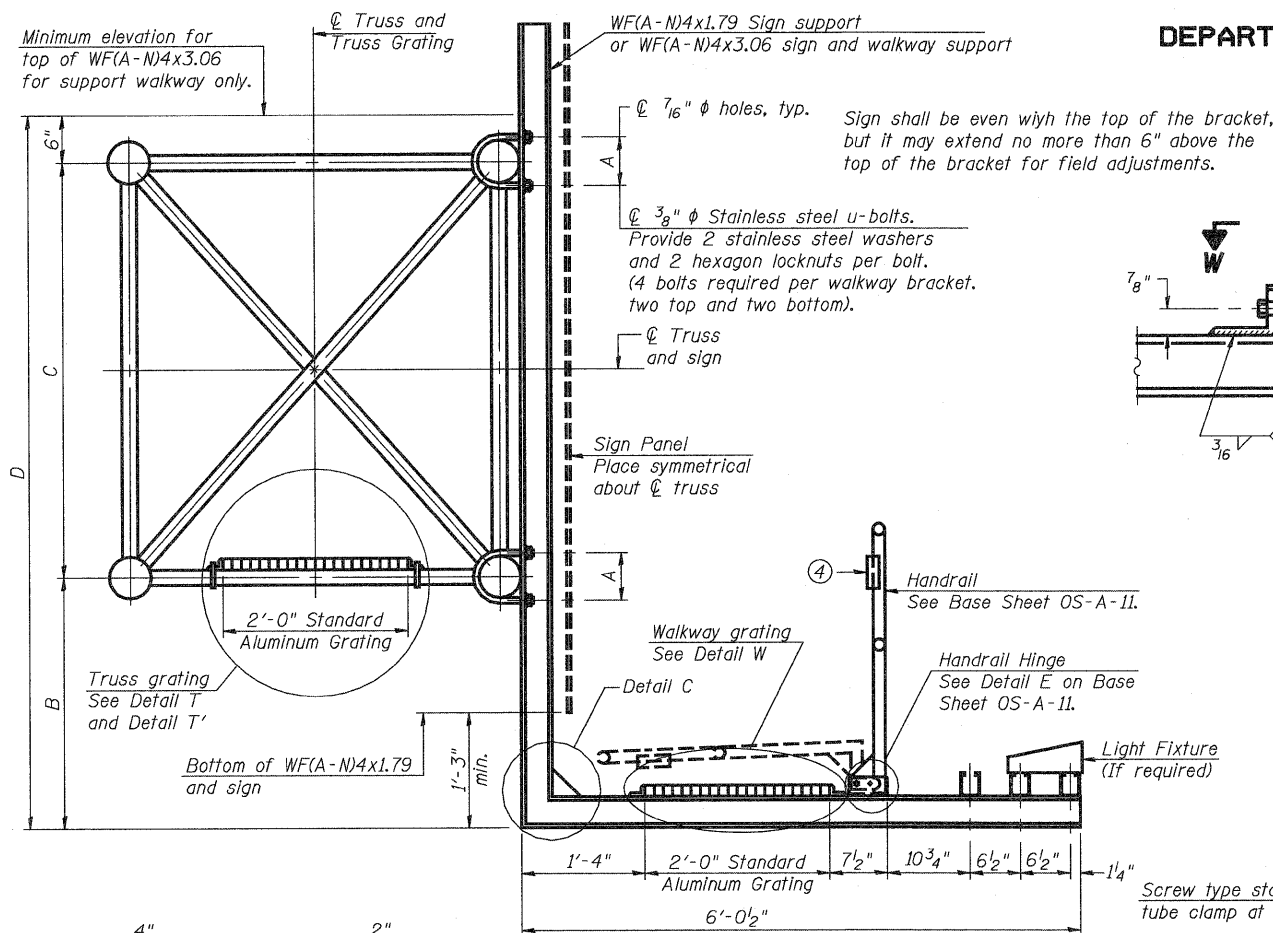
12-1-08

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
7S0251070R091.4	2008+85	14'-0"	32'-0"	14'-0"	-	-	32'-0"
7S0251070R091.8	2028+00	14'-0"	44'-0"	14'-0"	-	-	44'-0"
7S0251057L157.7	2063+00	14'-0"	54'-0"	14'-0"	-	-	54'-0"
7S0251057L158.0	2077+87	14'-0"	44'-0"	14'-0"	-	-	44'-0"

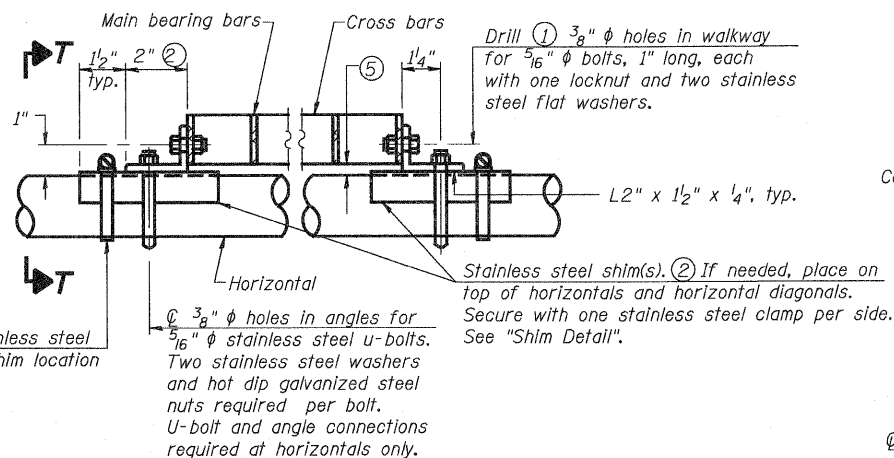
**OVERHEAD SIGN STRUCTURES  
ALTERNATE WALKWAY DETAILS**

SHEET NO. 21	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	373
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

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DEPARTMENT OF TRANSPORTATION



**DETAIL W**  
(Walkway grating)



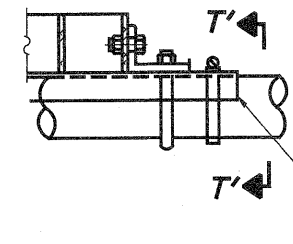
**DETAIL T**  
(Continuous Truss grating)

**SPECIFICATIONS FOR STANDARD ALUMINUM GRATING**

Main Bearing Bars shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B221 Alloy 6061-T6.  
Cross bars shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

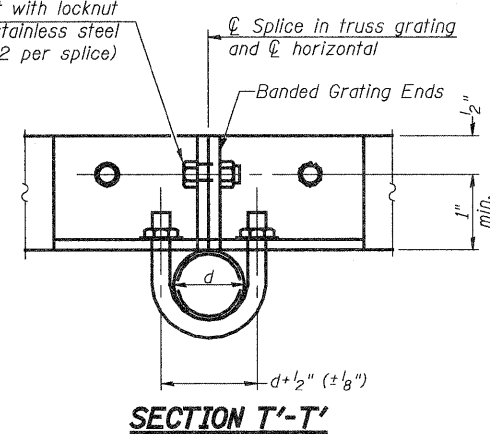
**OR**

Aluminum Grating with modified "Y" sections for main bearing bars shall meet the following requirements:  
Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.<sup>3</sup> per bar, a depth of 1 1/2", spaced on 1 3/16" centers.  
Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

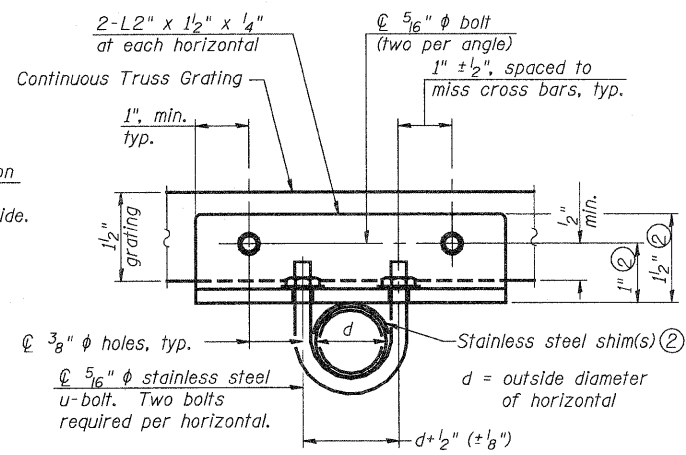


**DETAIL T'**

(Truss grating splice)  
Details not shown same as Detail T. Alternate materials may be used subject to the Engineer's review and approval.

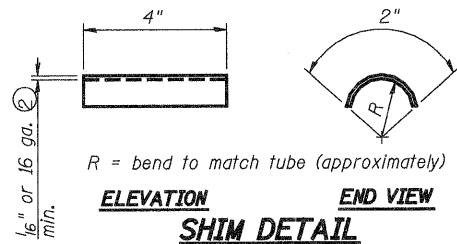


**SECTION T'-T'**

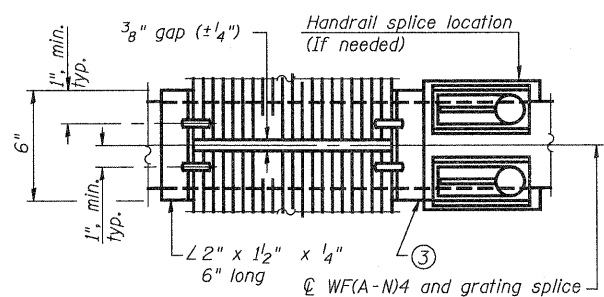


**SECTION T-T**

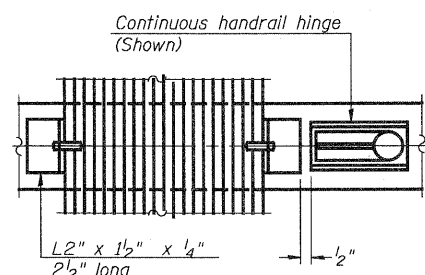
- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- If Handrail Joint present, weld angle to WF(A-N)4 and 1/4" extension bars. (See Base Sheet OS-A-11.)
- 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- Tube to grating gap may vary from 0 to 1/2", max. to align walkway, allow for camber, etc.



**SECTION B-B**

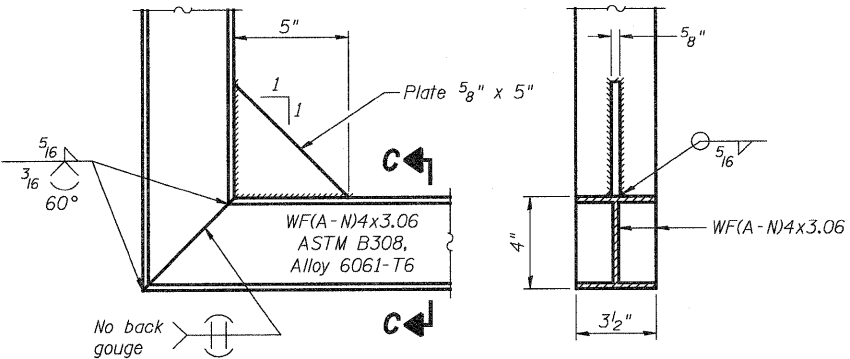


**(AT WALKWAY GRATING SPLICE)**



**SECTION W-W**  
(CONTINUOUS WALKWAY GRATING)

**SECTION C-C**



**DETAIL C**

DESIGNED	ESW
CHECKED	JWS
DRAWN	PDB
CHECKED	BRM

OS-A-10 12-1-08

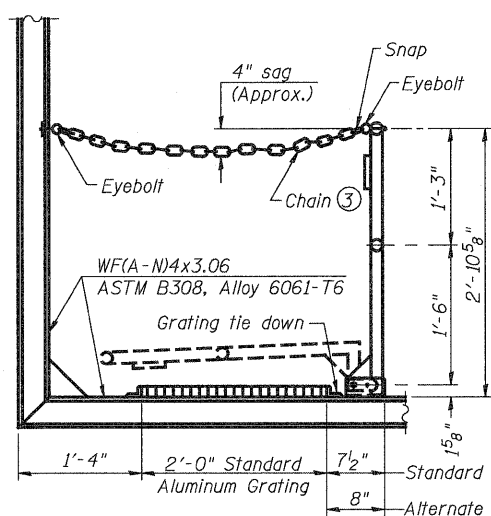
NUMBER	REVISION	DATE

Structure Number	Station	A	B	C	D
7S025I070R091.4	2008+85	5 1/2"	5'-0"	4'-6"	10'-0"
7S025I070R091.8	2028+00	5 1/2"	5'-3"	4'-6"	10'-3"
7S025I057L157.7	2063+00	5 1/2"	4'-0"	4'-6"	9'-0"
7S025I057L158.0	2077+87	5 1/2"	4'-3"	4'-6"	9'-3"

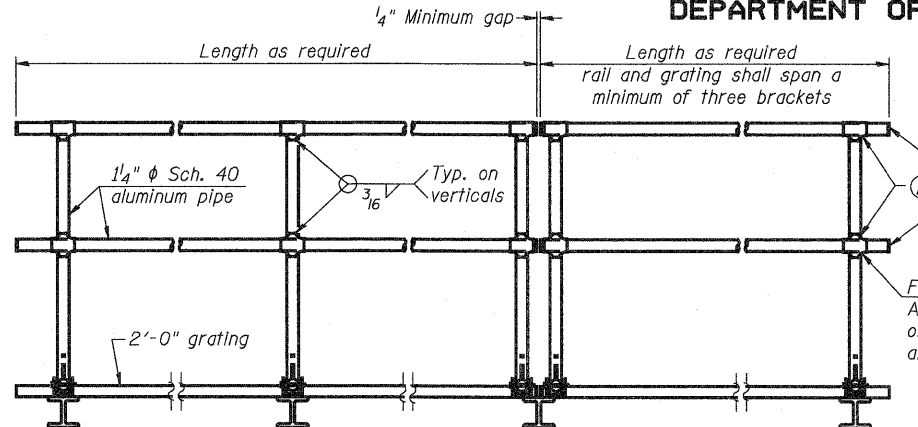
OVERHEAD SIGN STRUCTURES ALUMINUM WALKWAY DETAILS					
SHEET NO.	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	57/70	(25-3)R	EFFINGHAM	1416	374
CONTRACT NO. 74296					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



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**SIDE ELEVATION**  
(Showing safety chain w/o sign)

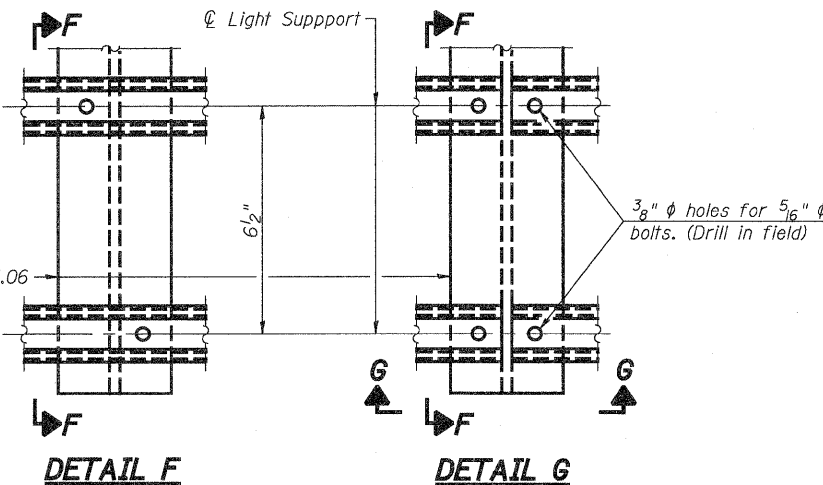


**FRONT ELEVATION**

**HANDRAIL DETAILS**

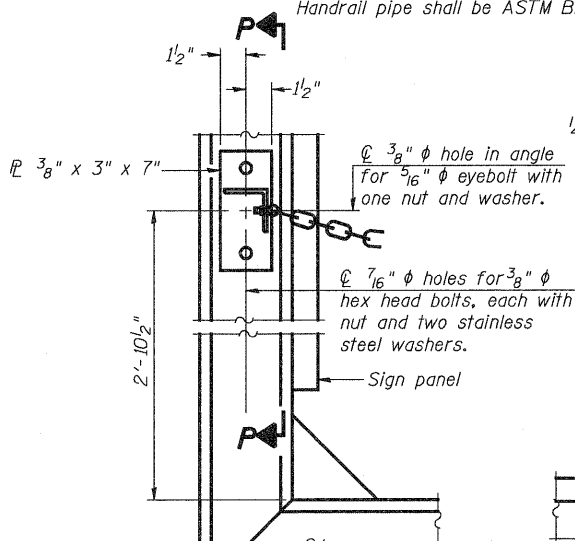
Handrail pipe shall be ASTM B241 or B429, Alloy 6063-T6 or Alloy 6061-T6.

- ① Install standard force-fit end caps or weld 1/8" end plates with 1/8" c.f.w. and grind smooth. (All rail ends)
- ② Horizontal handrail member shall be continuous thru fitting. Provide 1/16" hole in fitting for 3/8" bolt. Field drill 1/16" hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use 5/16" eyebolts in 1/16" holes on top rail at ends only.)



**DETAIL F**

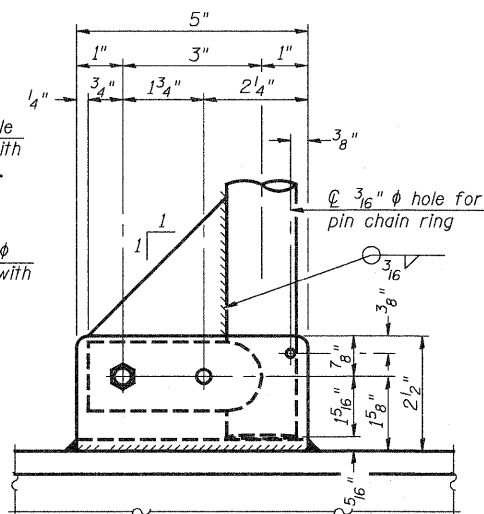
**DETAIL G**



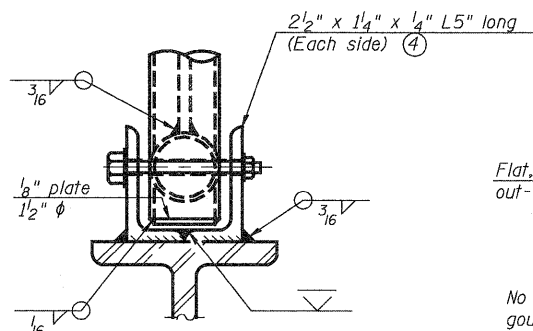
**ALTERNATE SAFETY CHAIN ATTACHMENT**

(With Sign Present)

Items not shown same as "Side Elevation" of "Handrail Details"

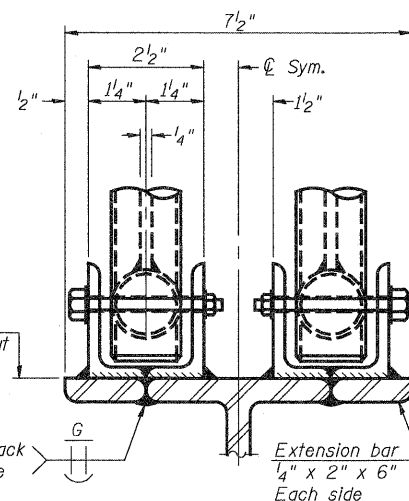


**SIDE ELEVATION**

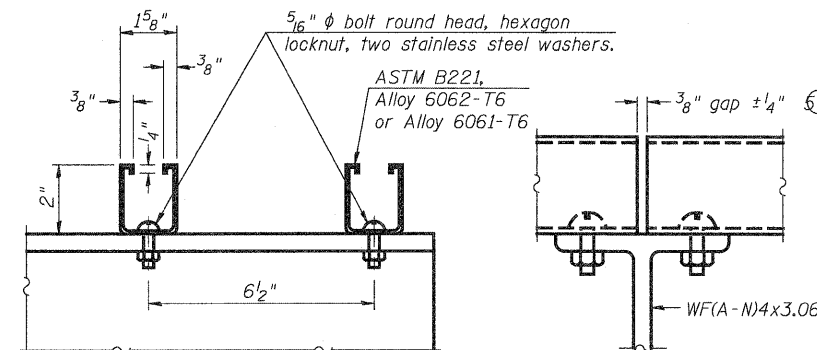


**FRONT ELEVATION**

See "Elevation" at right for dimensions.



**ELEVATION AT HANDRAIL JOINT**

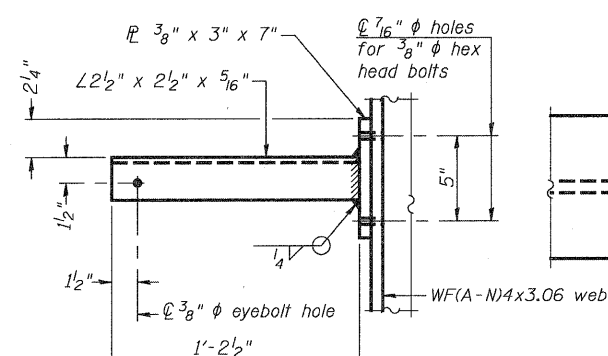


**SECTION F-F**

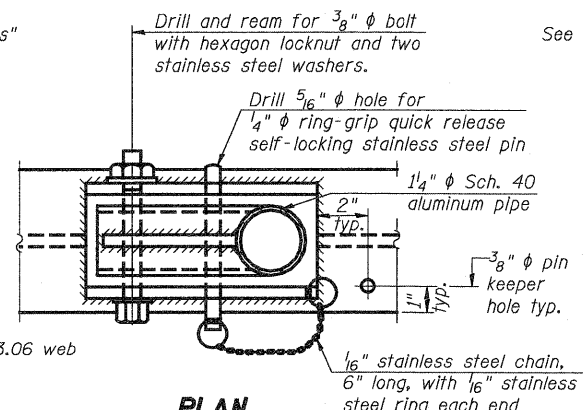
**SECTION G-G**

**LIGHTING FIXTURE MOUNTS (IF REQUIRED)**

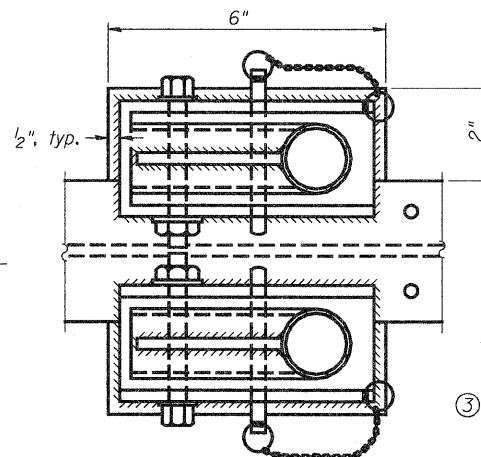
- ⑤ Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.



**SECTION P-P**

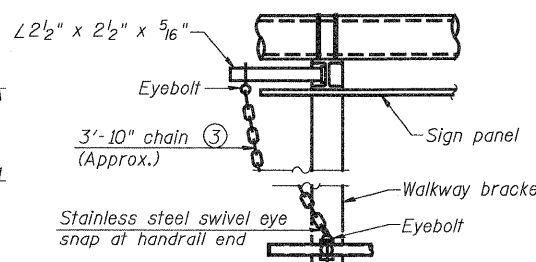


**PLAN  
DETAIL E HANDRAIL HINGE**



**PLAN AT HANDRAIL JOINT**

Details not shown same as "PLAN"

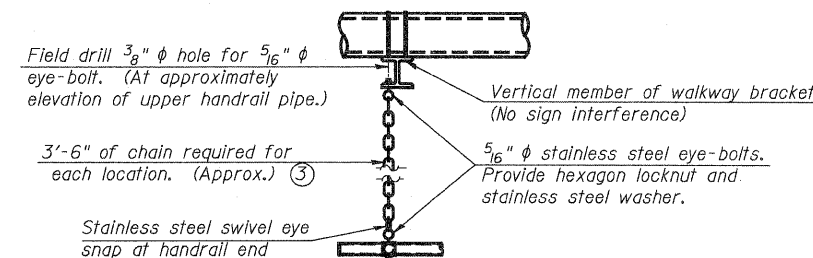


**ALTERNATE SAFETY CHAIN ATTACHMENT**

Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)

- ③ 3/16" Type 304L stainless steel chain, approximately 12 links per foot.

- ④ Extrusions may be used in lieu of the details shown, with approval of the Engineer.



**SAFETY CHAIN**

One required for each end of each walkway.

DESIGNED	ESW
CHECKED	JWS
DRAWN	PDB
CHECKED	BRM

OS-A-11

12-1-08

NUMBER	REVISION	DATE

SHEET NO. 24	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	376
SHEETS 33	CONTRACT NO. 74296			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

For anchor rod size and placement, see Support Frame Detail Sheet.

\* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BAR LIST - EACH FOUNDATION**

Bar	Number	Size	Length	Shape
v4(E)	16	#9	F less 5"	—
#4 bar spiral (E) - see Side Elevation				

**NOTES:**

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

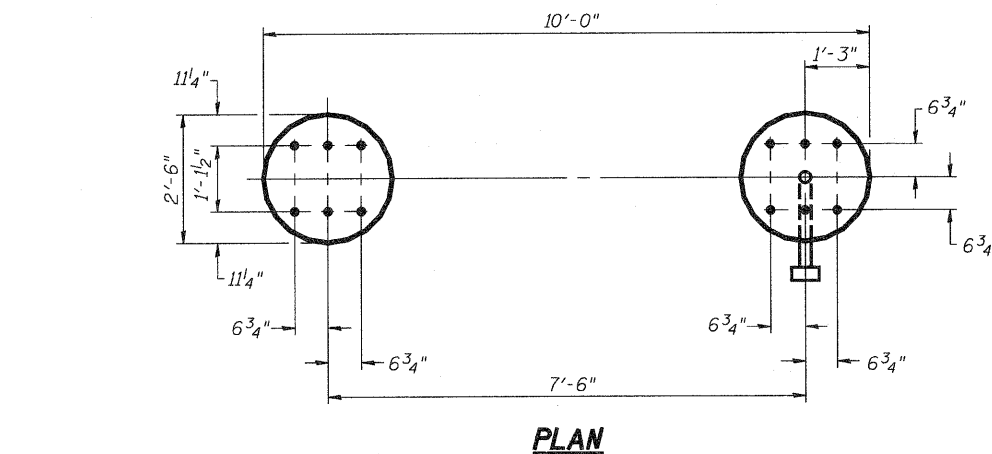
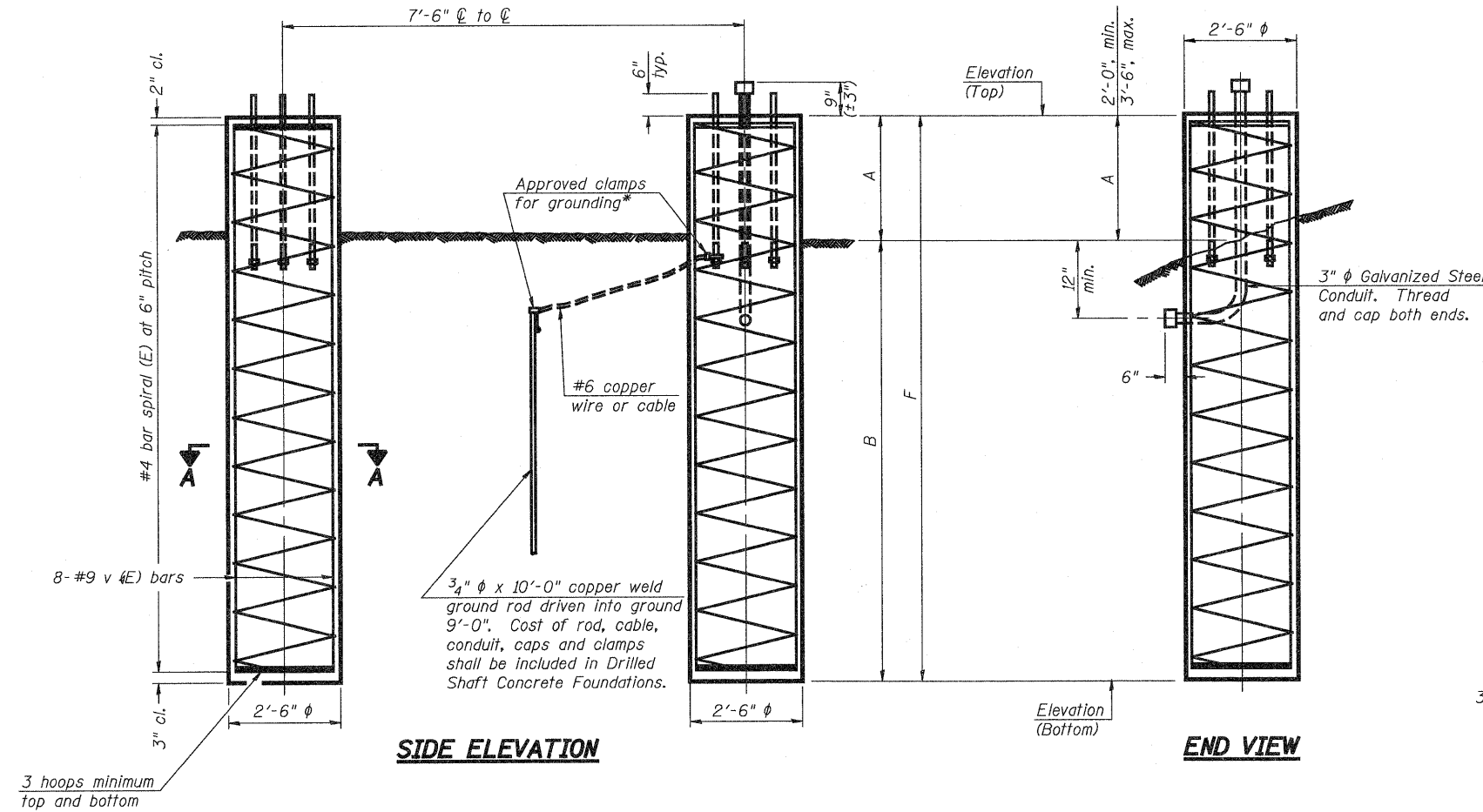
No sonotubes or decomposable forms shall be used below the lower conduit entrance.

Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



Structure Number	Station	Left Foundation			Right Foundation			Class DS Concrete (Cu. Yds.)				
		Elevation Top	Elevation Bottom	F	Elevation Top	Elevation Bottom	F					
7S0251057L158.0	2077+87	586.17	566.38	3'-3 1/2"	16'-6"	19'-9 1/2"	586.17	566.92	2'-9"	16'-6"	19'-3"	14.2

DESIGNED	-	ESW
CHECKED	-	JWS
DRAWN	-	PDB
CHECKED	-	BRM

NUMBER	REVISION	DATE

**DETAILS FOR 8" φ SUPPORT FRAME  
TYPE I-A TRUSS**

**OVERHEAD SIGN STRUCTURES  
DRILLED SHAFT DETAILS**

SHEET NO. 25	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	377
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

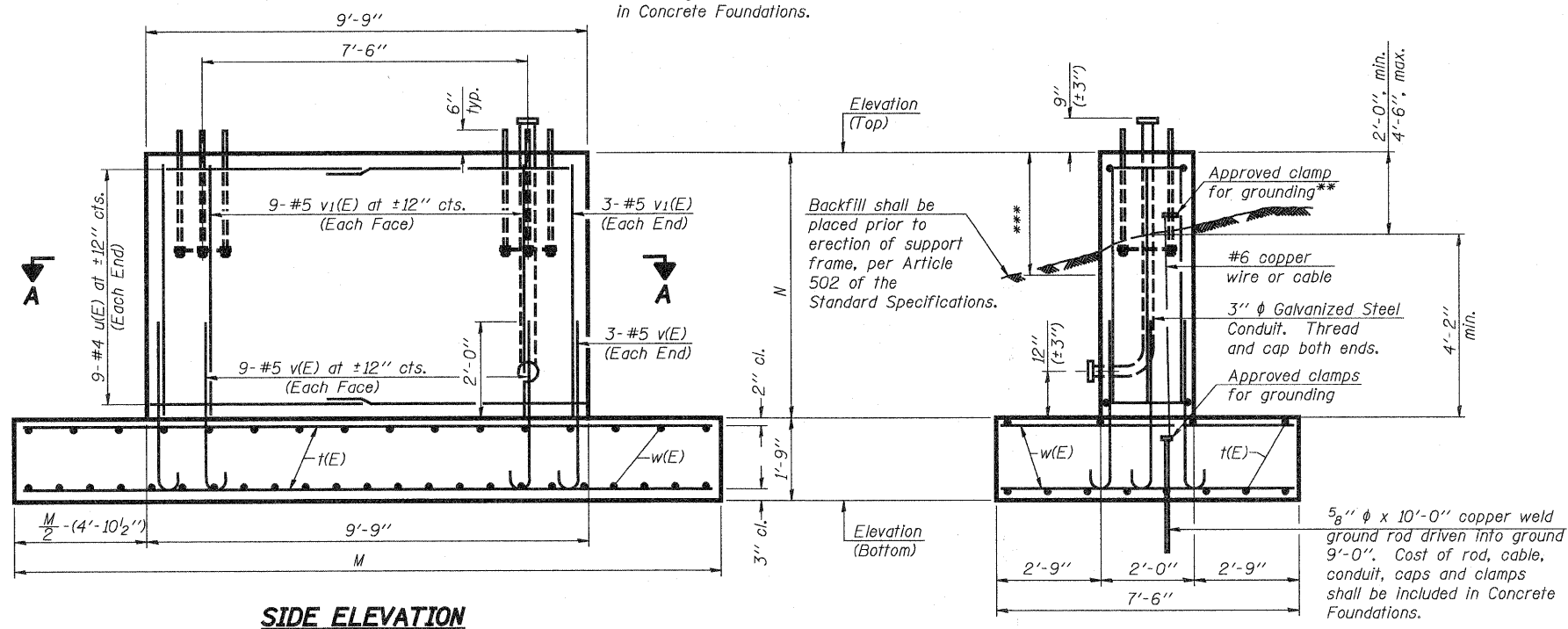


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

For anchor rod size and placement, see Support Frame Detail Sheet.

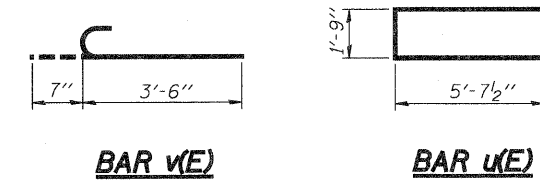
\*\* Anchor rod shall be ground or filled to bright metal at clamp and cable connection location.

\*\*\* A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Concrete Foundations.



**SIDE ELEVATION**

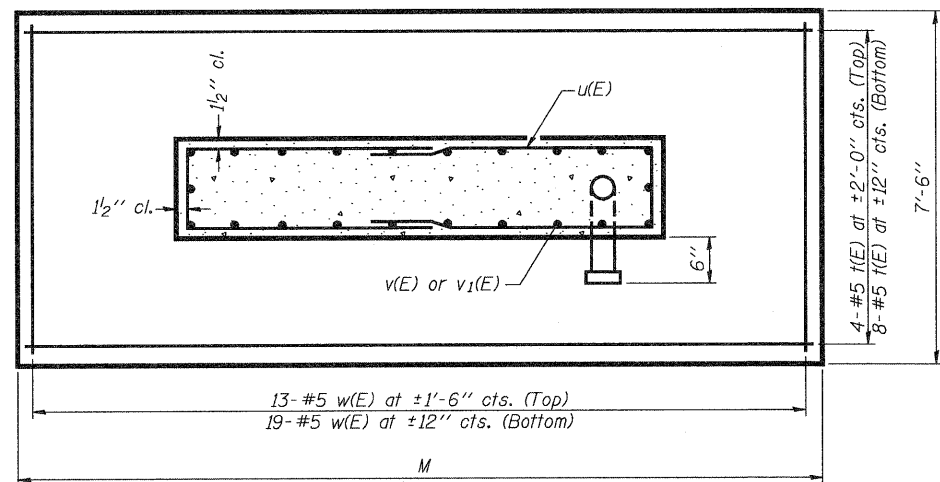
**END ELEVATION**



**BAR LIST - EACH FOUNDATION**

Bar	Number	Size	Length	Shape
t(E)	12	#5	*	—
u(E)	18	#4	13'-0"	—
v(E)	24	#5	4'-1"	U
v <sub>1</sub> (E)	24	#5	*	—
w(E)	32	#5	7'-3"	—

\*Length of t(E) bar = (Dim. M) - 6"  
v<sub>1</sub>(E) bar = (Dim. N) - 3"



**SECTION A-A**

Structure Number	Station	Left Foundation				Right Foundation				Class SI Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	N	M	Elevation Top	Elevation Bottom	N	M	
7S0251070R09L8	2028+00	530.52	518.10	10'-8"	19'-6"					17.2

Note:  
The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.0 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.  
During construction, if footing length or width or wall height change by more than 12", or if reinforcement is changed, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

**DETAILS FOR 8" Ø SUPPORT FRAME**

**OVERHEAD SIGN STRUCTURES  
SPREAD FOOTING DETAILS**

SHEET NO. 27	F.A.I RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 379
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

DESIGNED	ESW
CHECKED	JWS
DRAWN	PDB
CHECKED	BRM

NUMBER	REVISION	DATE



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

For anchor rod size and placement, see Support Frame Detail Sheet.

\*\* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

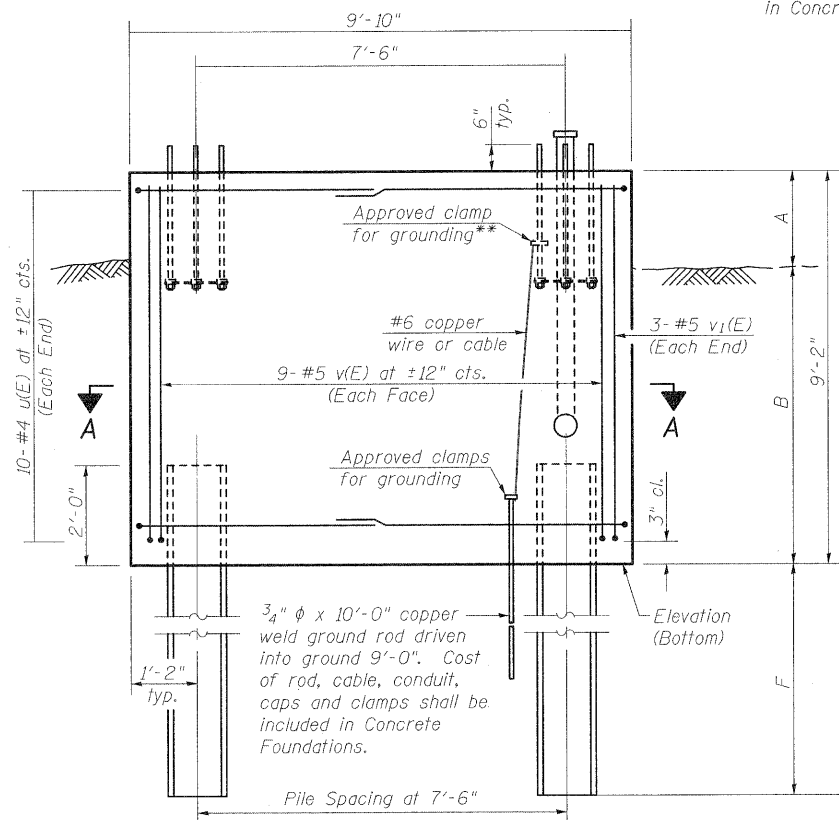
\*\*\* A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Concrete Foundations.

**PILE DATA**

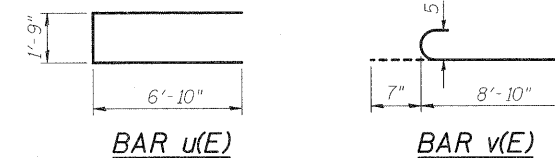
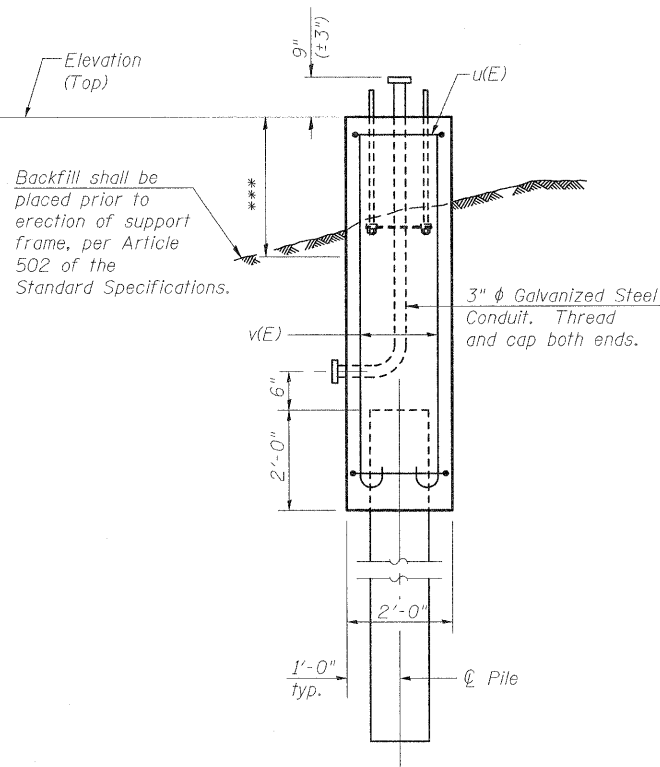
Structure 7S025I070R091.4  
Right and Left Foundation  
Sta. 2008+85  
Type: HP 14x73  
Nominal Required Bearing: 175 Kips  
Allowable Resilience Available: 58 Kips  
Est. Length: 37'-0"  
No. Production Piles: 4  
Test Piles: 0

**PILE DATA**

Structure 7S025I070R091.8  
Right Foundation  
Sta. 2028+85  
Type: HP 14x73  
Nominal Required Bearing: 210 Kips  
Allowable Resilience Available: 74 Kips  
Est. Length: 37'-0"  
No. Production Piles: 2  
Test Piles: 0

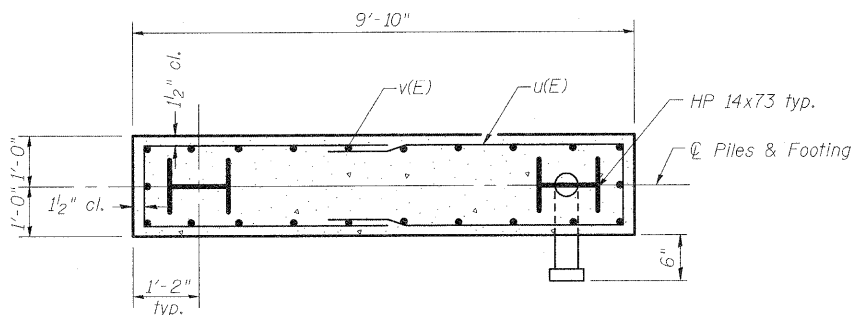


**SIDE ELEVATION**



**BAR LIST - EACH FOUNDATION**

Bar	Number	Size	Length	Shape
u(E)	20	#4	15'-5"	U
v(E)	24	#5	9'-4"	C



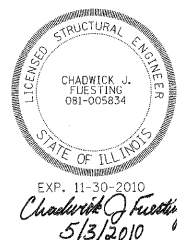
**SECTION A-A**

Structure Number	Station	Left Foundation			Right Foundation			Class DS Concrete (Cu. Yds.)				
		Elevation Top	Elevation Bottom	F	Elevation Top	Elevation Bottom	F					
7S025I070R091.4	2008+85	528.73	519.56	3'-6"	5'-8"	35'-0"	529.24	520.07	3'-6"	5'-8"	35'-0"	13.4
7S025I070R091.8	2028+00						530.34	521.17	3'-6"	5'-8"	35'-0"	6.7

Note:  
During construction, if footing length or width or wall height change by more than 12", or if reinforcement is changed, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

**DETAILS FOR 8" Ø SUPPORT FRAME  
TYPE I-A TRUSS**

DESIGNED	-	CJF
CHECKED	-	BB
DRAWN	-	WJS
CHECKED	-	CJF

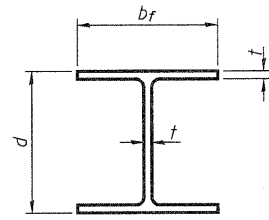


NUMBER	REVISION	DATE

SHEET NO. 28	F.A.I RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS	SHEET NO.
				1416	380
SHEETS 33	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
	CONTRACT NO. 74296				

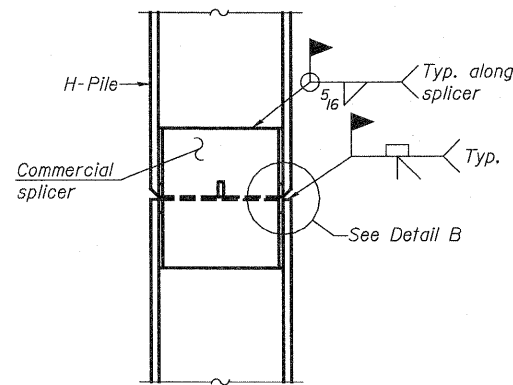
**OVERHEAD SIGN STRUCTURES  
PILE SUPPORTED FOUNDATION DETAILS**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

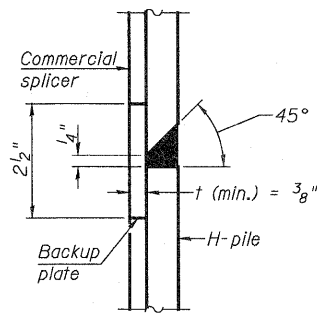


**STEEL PILE TABLE**

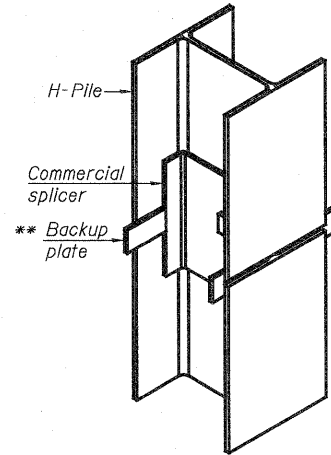
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	13/16"	30"
x102	14"	14 3/4"	1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



**ELEVATION**

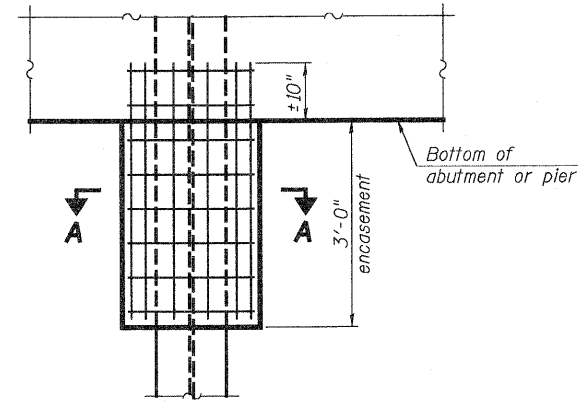


**DETAIL "B"**



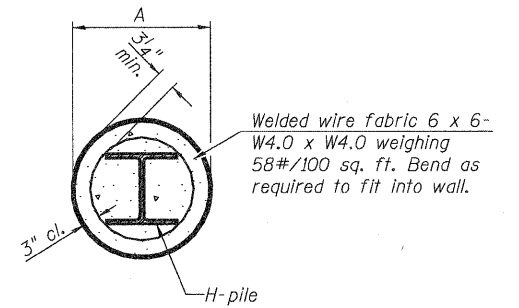
**ISOMETRIC VIEW**

**WELDED COMMERCIAL SPLICE**



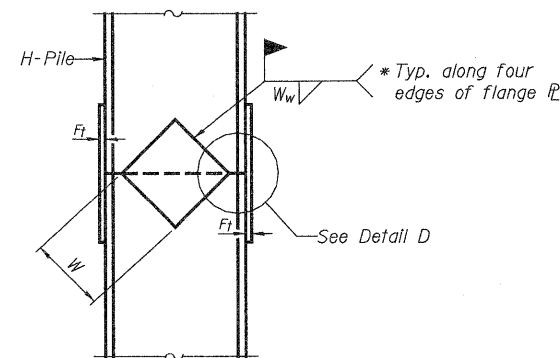
**ELEVATION**

**PILE ENCASEMENT**

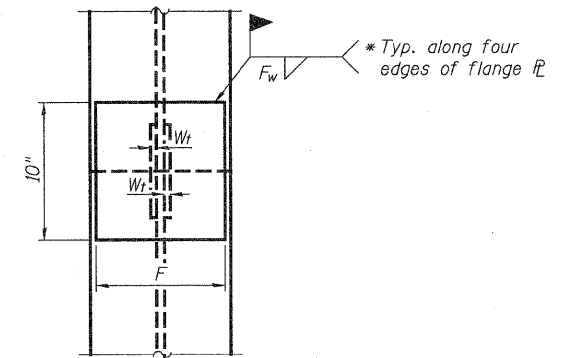


**SECTION A-A**

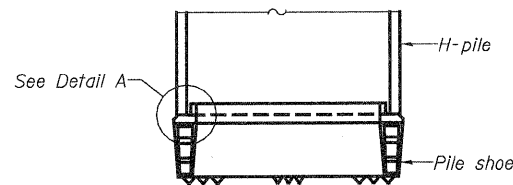
Note:  
Forms for encasement may be omitted when soil conditions permit.



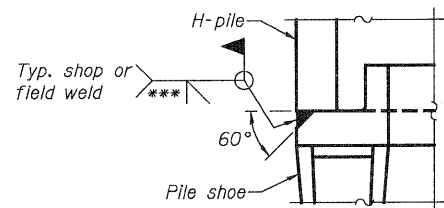
**ELEVATION**



**END VIEW**

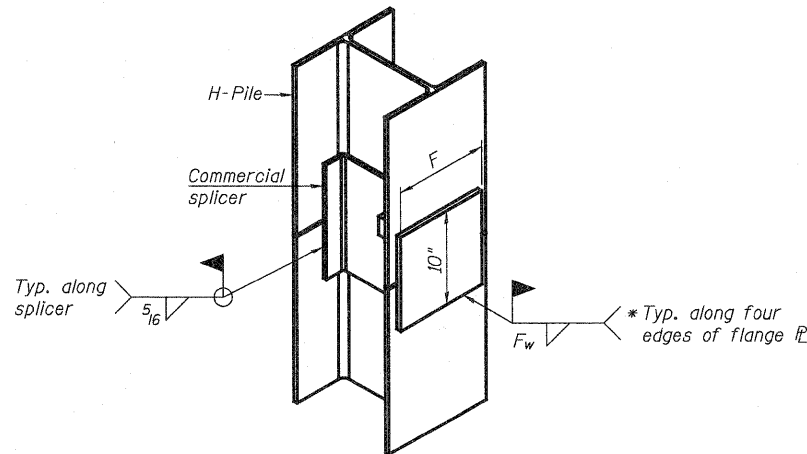


**ELEVATION**



**DETAIL A**

**H-PILE SHOE ATTACHMENT**



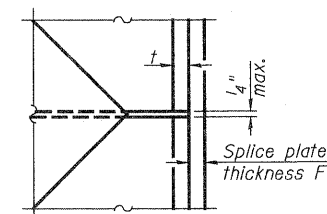
**ISOMETRIC VIEW**

**WELDED COMMERCIAL SPLICE ALTERNATE**

- \* Interrupt welds 1/4" from end of web and/or each flange.
- \*\* Remove portions of backup plates that extend outside the flanges.
- \*\*\* Weld size per pile shoe manufacturer (5/16" min.).

Note:  
The steel H-piles shall be according to AASHTO M270 Grade 50.

**WELDED PLATE FIELD SPLICE**



**DETAIL D**

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

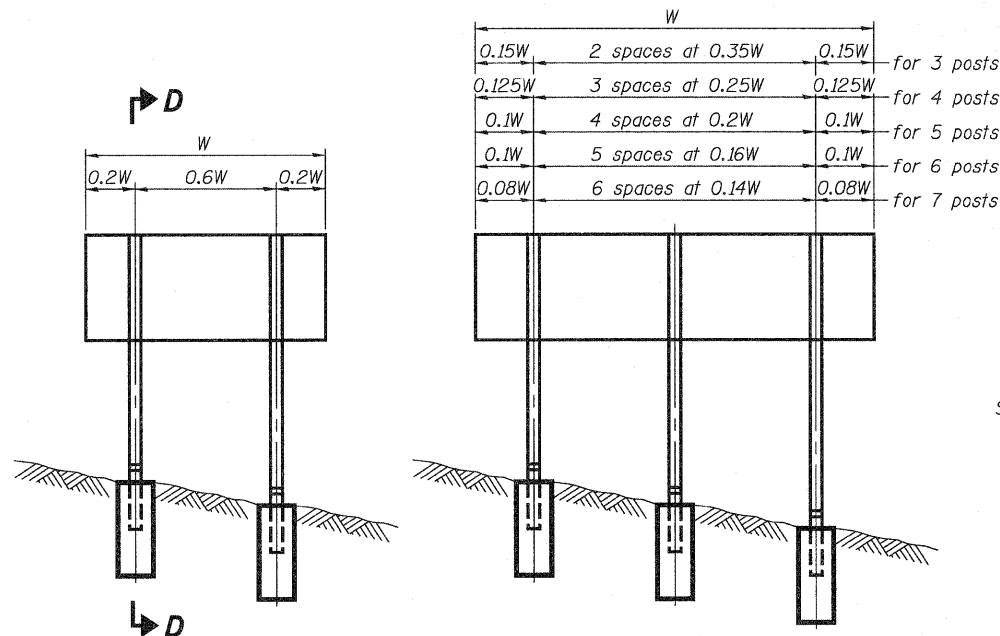
DESIGNED -	
CHECKED -	
DRAWN -	WJS
CHECKED -	CJF

F-HP 11-1-09

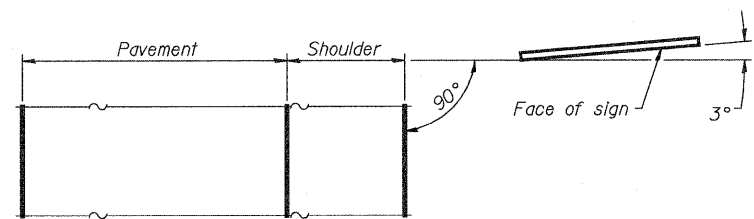
**HP PILE DETAILS  
ALUMINUM TRUSS STEEL SUPPORTS**

SHEET NO. 29	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	381
SHEETS 33	CONTRACT NO. 74296				
	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

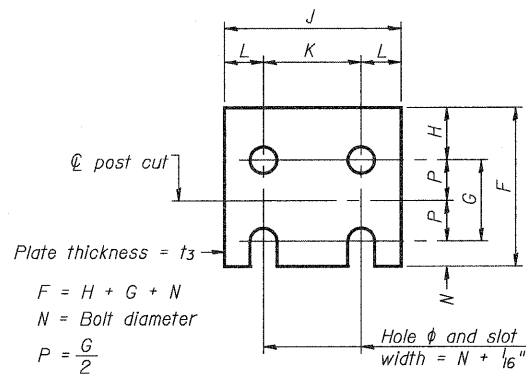
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



ELEVATION

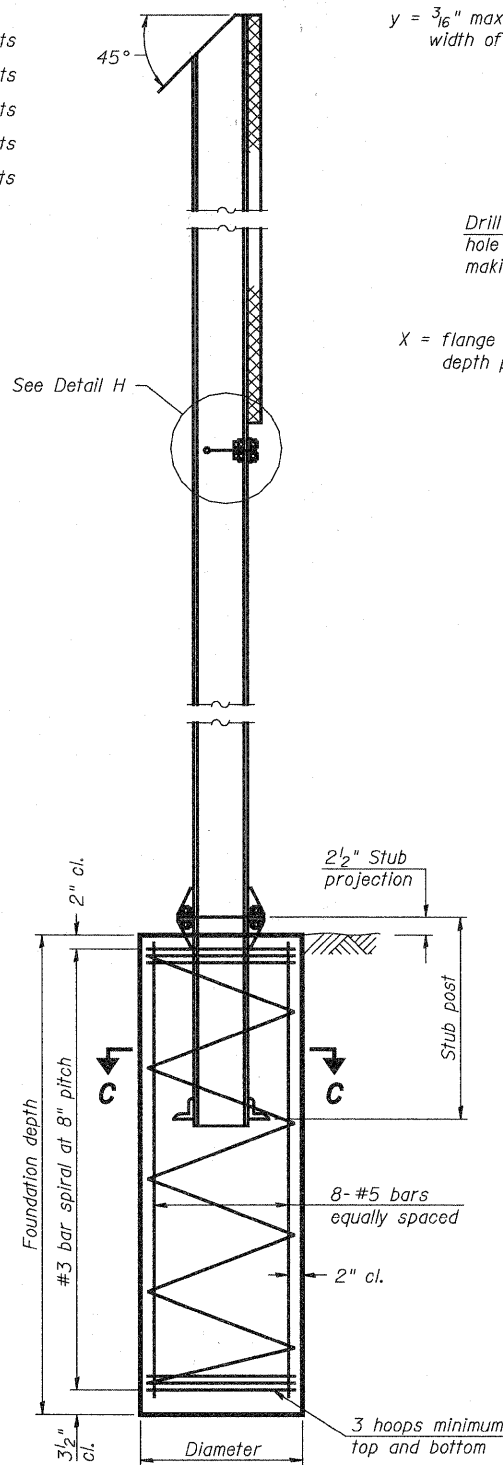


LOCATION SKETCH

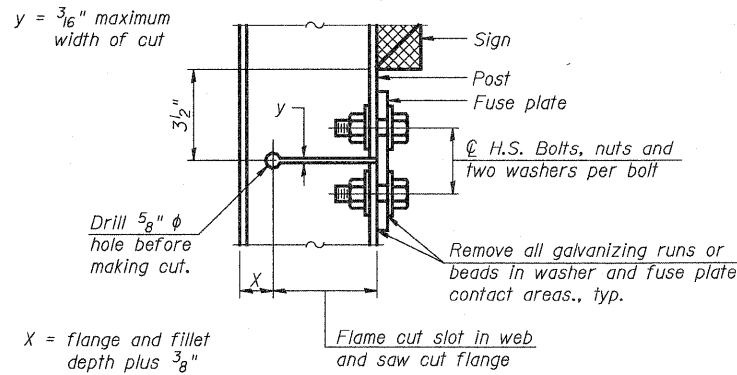


FUSE PLATE DETAIL  
(Install with notches down.)

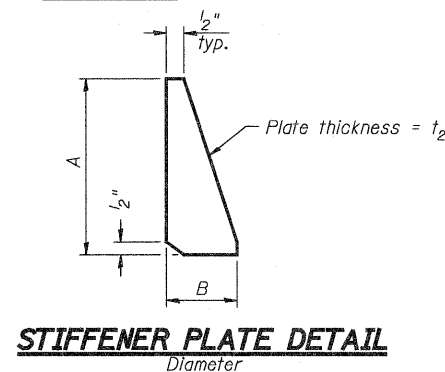
FUSE PLATE DATA		
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"



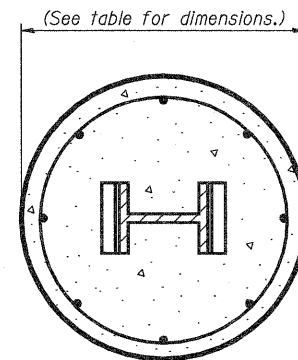
SECTION D-D



DETAIL H



STIFFENER PLATE DETAIL



SECTION C-C

GENERAL NOTES

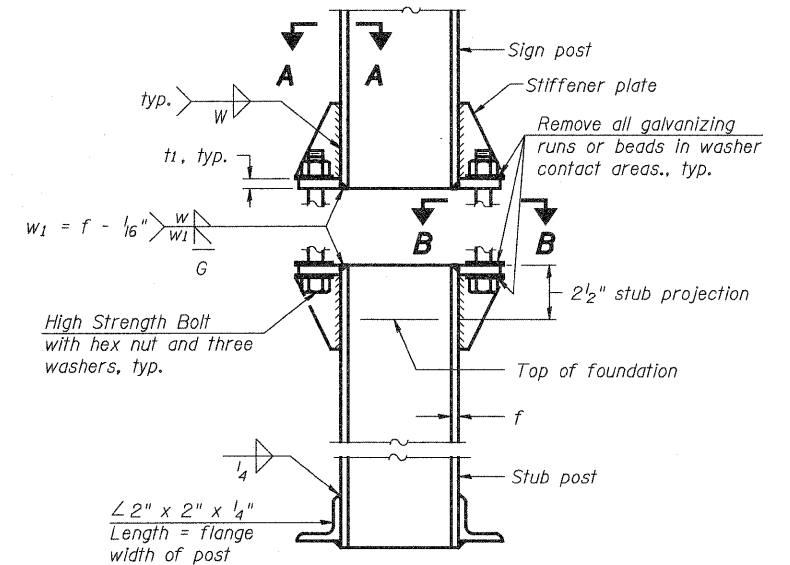
Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

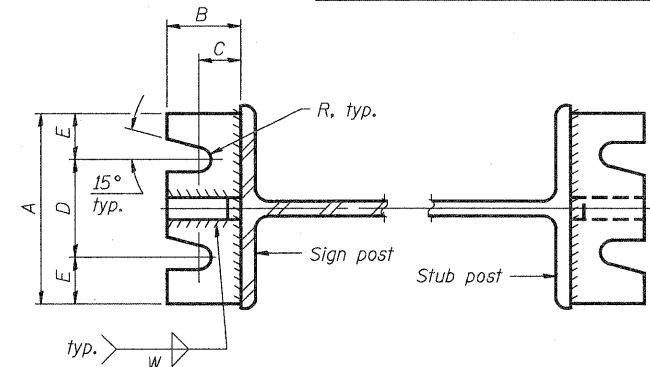
DESIGN STRESSES:  
Structural steel - 20,000 p.s.i.  
Reinforcing steel - 20,000 p.s.i.  
Concrete - 1,400 p.s.i.  
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

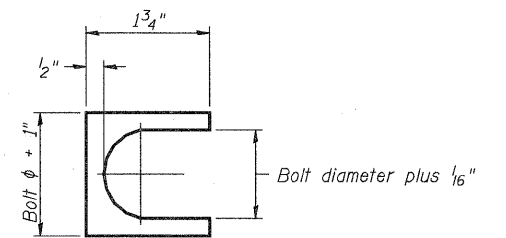


ELEVATION  
SIGN POST & STUB POST



SECTION A-A

SECTION B-B



SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

BREAK-AWAY WIDE FLANGE  
STEEL SIGN POST DETAILS

DESIGNED	ESW
CHECKED	JWS
DRAWN	PDB
CHECKED	BRM

BAW-A-1

12-1-08

NUMBER	REVISION	DATE

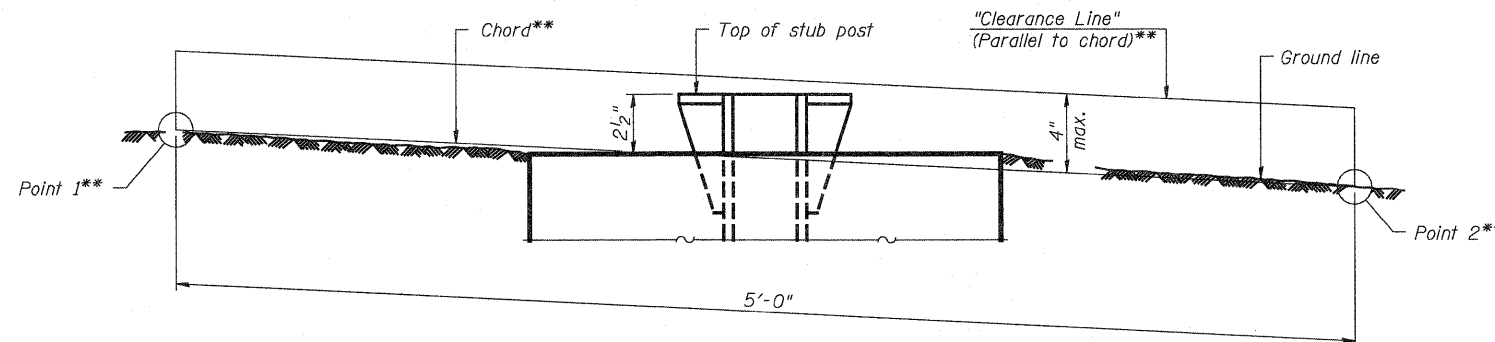
SHEET NO. 30	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	382
SHEETS 33	CONTRACT NO. 74296		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

POST	CONCRETE FOUNDATION TABLE								POST TO STUB POST CONNECTION DATA								FUSE PLATE DATA					
	Foundation		Concrete cu. yds. ①	Reinforcement			Stub Post Length	Bolt Size	A	B	C	D	E	t <sub>1</sub>	t <sub>2</sub>	R	W	J	K	L	t <sub>3</sub>	
	Diameter	* Minimum Depth		Vertical Bars Length	Bar Spirals Diameter	Length																lbs. ②
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/2"	1 1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/2"	1 1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 3/2"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 3/2"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 3/2"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 3/2"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 3/2"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 3/2"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 3/2"	3/8"	7"	3 1/2"	1 3/4"	1/2"

\*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																				
	Sign Height																				
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---	---
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	---	---	---	
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"
W16x45	---	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"



**ELEVATION  
GROUND LINE & STUB POST**

\*\* For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- ① Quantity includes all concrete necessary for one foundation.
- ② Includes reinforcement bars and spiral hooping for one foundation.

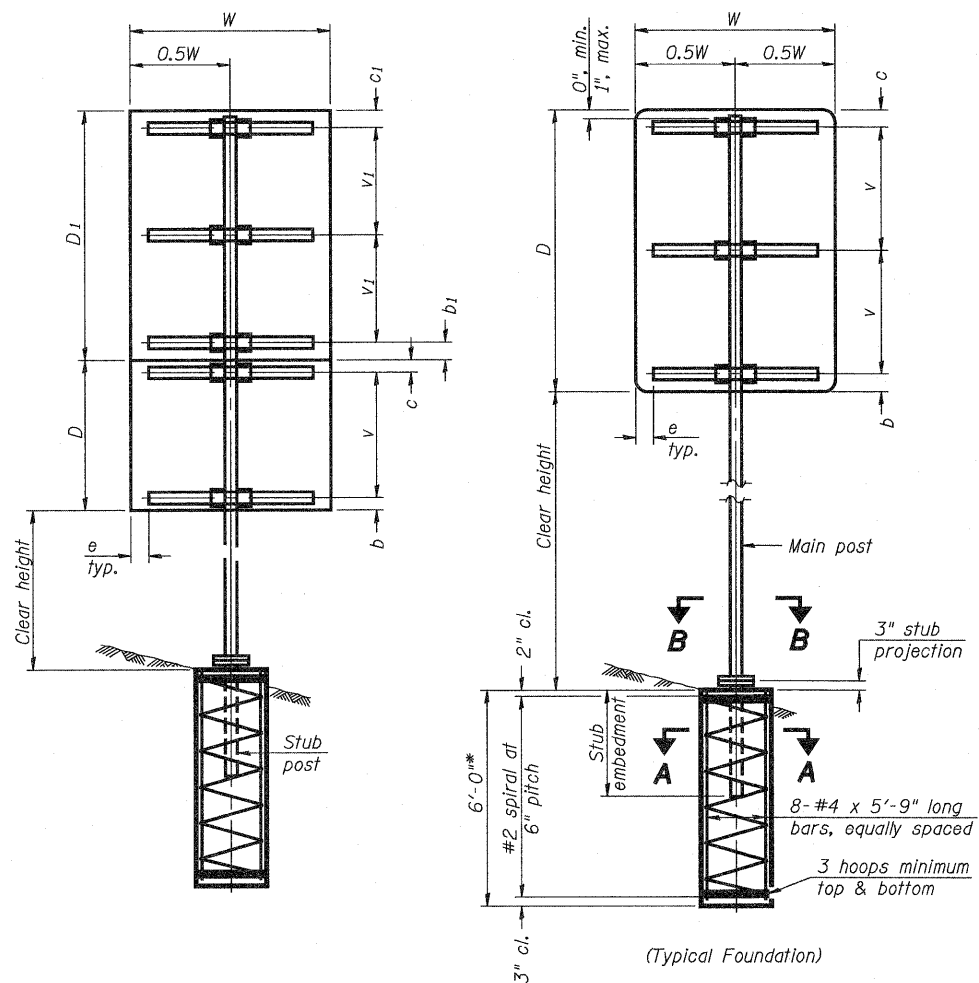
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CHECKED	JWS
DRAWN	PDB
CHECKED	BRM

BAW-A-2 12-1-08

NUMBER	REVISION	DATE

BREAK-AWAY WIDE FLANGE STEEL SIGN POST TABLES					
SHEET NO. 31	F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 383
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

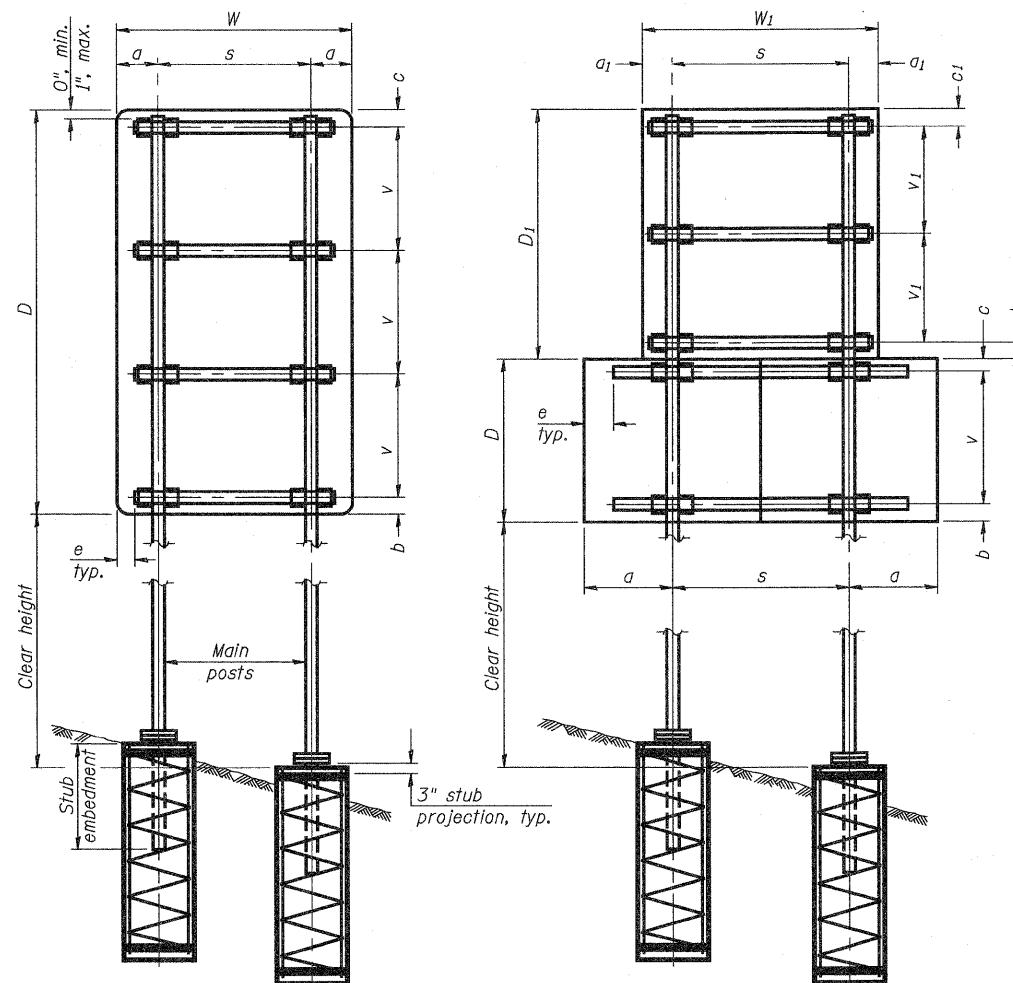
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**SINGLE POST ASSEMBLY EXAMPLES**

\* Dimensional changes required for varying site conditions shall be approved by the Engineer.

$a$  or  $a_1 = 6"$  min. to  $2'-0"$  max. (Approximately  $0.2W$  or  $0.2W_1$ )  
 $b$  or  $b_1 = 3"$  min. to  $4"$  max  
 $c$  or  $c_1 = 3"$  min. to  $4"$  max  
 $e = 0"$  min. to  $6"$  max  
 $s = 3'-0"$  min. to  $6'-0"$  max. (Approximately  $0.6W$  or  $0.6W_1$ )  
 $v$  or  $v_1 = 2'-0"$  min. to  $2'-11"$  max.



**DUAL POST ASSEMBLY EXAMPLES**

**GENERAL NOTES**

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

One foundation requires 0.7 cubic yards of concrete and 46 pounds of reinforcement bars and spiral hoops.

LOADING: 80 mph wind with 30% gust factor, normal to sign.

DESIGN STRESSES:  
 Structural steel - 20,000 psi  
 Reinforcing steel - 20,000 psi  
 Concrete - 1,400 psi  
 Footing soil pressure - 2,000 psf

After fabrication, the post, fuse plate, base plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

For Sections A-A and B-B, see Base Sheet BAT-A-2.

**FOUNDATIONS:**

All necessary excavation or drilling (except in rock); backfilling with excavated material; disposal of unsuitable or surplus material; formwork; and furnishing and placing the Class SI Concrete and reinforcement bars, shall be included in the pay item used for foundations.

The measurement of the tubular steel shall be computed on the basis of the weight per foot of the support, multiplied by the combined length of the main posts and stub posts.

MAIN POST STEEL TUBING	WEIGHT PER FOOT (POUND)	STUB POST TABLE		MAIN POST TABLE				
		Stub Embedment	Stub Post Length	Bolt Size	A	t	R	Bolt Circle
3" x 2" x 1/4"	7.11	2'-0"	2'-3"	1/2" x 2 3/4"	8 1/4"	5/8"	9/32"	6 1/2"
4" x 2" x 1/4"	8.81	2'-0"	2'-3"	1/2" x 2 3/4"	8 1/4"	5/8"	9/32"	6 1/2"
4" x 3" x 1/4"	10.51	2'-3"	2'-6"	5/8" x 3 1/4"	10"	3/4"	11/32"	8"
5" x 3" x 1/4"	12.21	2'-3"	2'-6"	5/8" x 3 1/4"	10"	3/4"	11/32"	8"
6" x 3" x 1/4"	13.91	2'-3"	2'-6"	5/8" x 3 1/4"	11 1/2"	3/4"	11/32"	9 1/2"
6" x 4" x 1/4"	15.62	2'-3"	2'-6"	3/4" x 3 1/2"	11 1/2"	3/4"	11/32"	9 1/2"
6" x 4" x 5/16"	19.08	2'-3"	2'-6"	3/4" x 3 1/2"	11 1/2"	3/4"	11/32"	9 1/2"
7" x 5" x 1/4"	19.02	2'-6"	2'-9"	3/4" x 3 1/2"	1'-2"	3/4"	11/32"	1'-0"
8" x 4" x 1/4"	19.02	2'-6"	2'-9"	3/4" x 3 1/2"	1'-2"	3/4"	11/32"	1'-0"
8" x 6" x 1/4"	22.42	2'-6"	2'-9"	7/8" x 3 1/2"	1'-2"	3/4"	11/32"	1'-0"

**BREAK-AWAY TUBULAR STEEL SIGN POSTS AND FOUNDATIONS**

DESIGNED	ESW
CHECKED	JWS
DRAWN	PDB
CHECKED	BRM

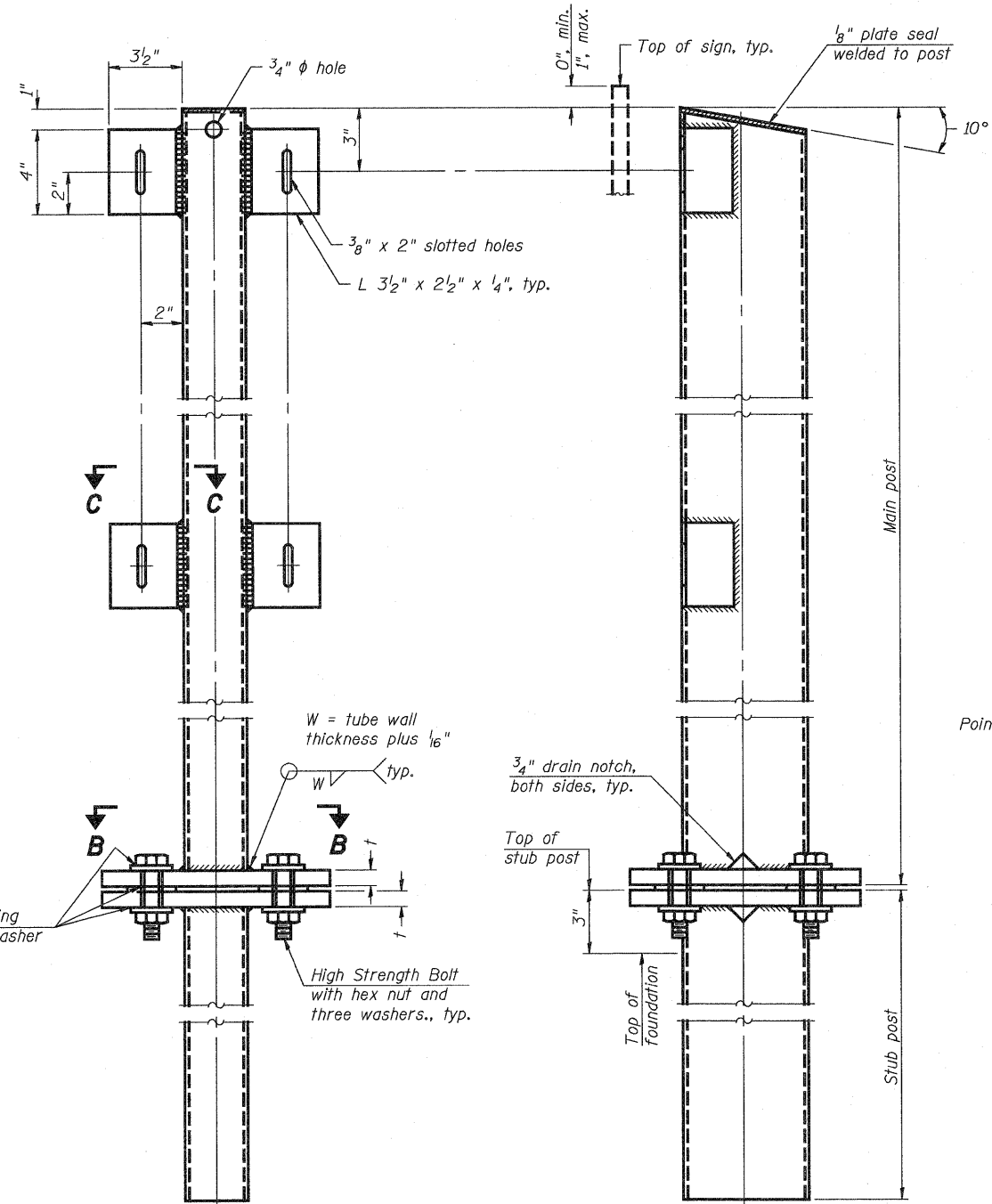
NUMBER	REVISION	DATE

BAT-A-1

12-1-08

SHEET NO. 32	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	384
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

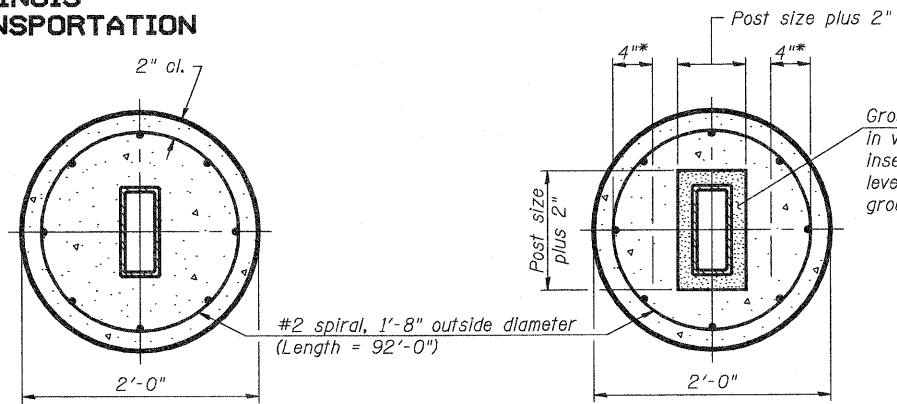
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



FRONT ELEVATION

SIDE ELEVATION

MAIN POST & STUB POST



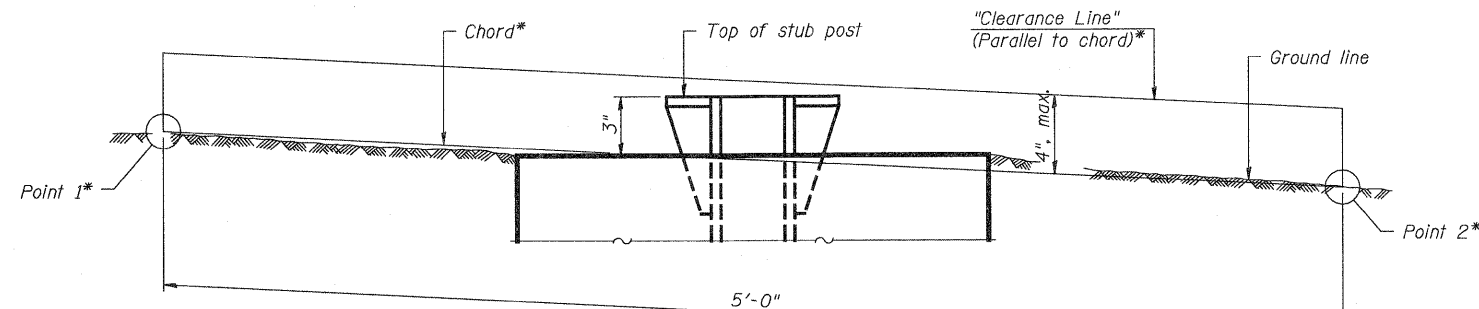
SECTION A-A  
(CAST-IN-PLACE)

OR

SECTION A-A  
(PRECAST)

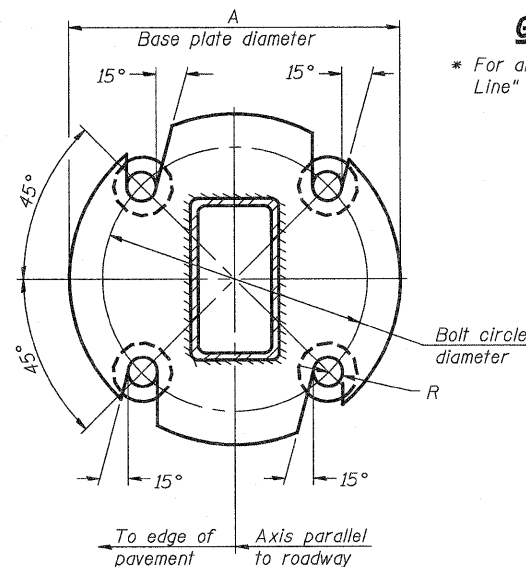
Grout mixture shall be placed in void before stub post is inserted. Stub post shall be leveled and firmly held while grout is curing.

\* Hot dip galvanized lifting loops or inserts may be placed in precast foundation inside the spiral reinforcement but not within 6" of the long axis of the post. Inserts must be adequate for safely lifting a total of 3,000 pounds and must not interfere with installation of the stub post or proper functioning of the slip base.

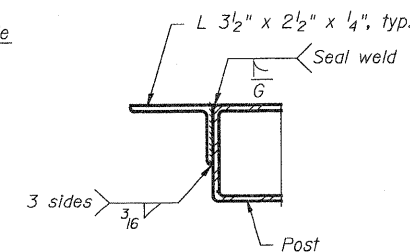


ELEVATION  
GROUND LINE & STUB POST

\* For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

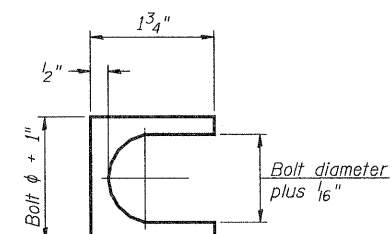


SECTION B-B



SECTION C-C

Weld continuously around corners.



SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

Remove all galvanizing runs or beads in washer contact areas., typ.

W = tube wall thickness plus 1/16"

typ.

High Strength Bolt with hex nut and three washers., typ.

3/4" drain notch, both sides, typ.

Top of stub post

Top of foundation

Main post

Stub post

DESIGNED	-	ESW
CHECKED	-	JWS
DRAWN	-	PDB
CHECKED	-	BRM

BAT-A-2

12-1-08

NUMBER	REVISION	DATE

BREAK-AWAY TUBULAR STEEL  
SIGN POSTS AND DETAILS

SHEET NO. 33	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57/70	(25-3)R	EFFINGHAM	1416	385
SHEETS 33	CONTRACT NO. 74296				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			





# SOIL BORING LOG

Page 1 of 1

Date 2/4/10

ROUTE I-57/70 DESCRIPTION Overhead Sign Truss locations LOGGED BY E. Sandschafer

SECTION Various LOCATION SE 1/4, SEC. 36, TWP. 8 N, RNG. 5 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	BORING NO.	Station	Offset	Ground Surface Elev.	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	M O I S T (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After 96 Hrs.	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	M O I S T (%)
7S0251070R091.8	2A DL	2028+00	12.00ft	527.24					N/A	N/A		507.7	507.7	525.8				
9" asphalt shoulder.																		
Soft to medium, damp, gray, SANDY CLAY.																		
CLAY TILL.																		
Brown, fine grained, SAND. 2.5% passing #200 sieve.																		
Very soft, very damp, gray, SILTY LOAM.																		
Very stiff, damp, gray, CLAY LOAM TILL.																		
Extent of exploration.																		
Very stiff, damp, gray, CLAY w/ Sand.																		
Medium, damp, gray, SANDY LOAM w/ many black hair roots.																		
Very soft, very damp, gray, SILTY LOAM w/ black organics.																		
Very soft, very damp, gray, SANDY LOAM.																		
Stiff to very stiff, damp, gray.																		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



# SOIL BORING LOG

Page 1 of 1

Date 3/2/10

ROUTE I-57/70 DESCRIPTION Overhead Sign Truss locations LOGGED BY E. Sandschafer

SECTION Various LOCATION SE 1/4, SEC. 36, TWP. 8 N, RNG. 5 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	BORING NO.	Station	Offset	Ground Surface Elev.	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	M O I S T (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After 24 Hrs.	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	M O I S T (%)
7S0251070R091.8	2B PL	2028+00	25.00ft	527.24					N/A	N/A		507.7	516.7	515.7				
11" asphalt shoulder, 11" granular subbase.																		
Brown, CLAY.																		
Soft, damp, gray, CLAY LOAM.																		
Stiff, damp, gray marbled red, CLAY LOAM TILL.																		
Soft, damp, gray, SILTY LOAM.																		
Very soft, wet, gray, SANDY LOAM.																		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)





Illinois Department of Transportation  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Page 1 of 1

Date 3/24/10

ROUTE I-57/70 DESCRIPTION Overhead Sign Truss locations LOGGED BY E. Sandschafer

SECTION Various LOCATION E 1/2, SEC. 36, TWP. 8 N, RNG. 6 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 7S0251057L157.7  
Station 2063+00  
BORING NO. 14A DL  
Station 2063+00  
Offset 14.60R Lt  
Ground Surface Elev. 570.60 ft

DEPTH H S	B L O S	U C S	M O I S T	Surface Water Elev. N/A ft Stream Bed Elev. N/A ft	DEPTH H S	B L O S	U C S	M O I S T	Groundwater Elev.:						
									First Encounter	Upon Completion	After 24 Hrs. Caved at 12.5'	(%)			
(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)								
11" asphalt shoulder on 12" crushed stone/soil mixture.					2	1.4	22								
568.70				Stiff, damp, gray, SILTY CLAY embankment. (continued)	4	B									
				Stiff to medium, damp, brown mottled gray, CLAY LOAM TILL embankment.	1										
					2	1.1	19								
					3	B									
566.10				Hard, damp, brown mottled gray, CLAY LOAM TILL embankment.	17										
	12				17	4.0	9								
				Medium, damp, gray, SILTY CLAY w/ some organics/wood. Estimated original ground.	17	PP									
					5										
				Stiff, damp, gray, CLAY LOAM.	6	5.3	12								
					11	B									
561.10				Stiff, damp, brown, SANDY CLAY TILL embankment.	5										
					7	1.2	13								
				Soft, very damp, brown, LOAM.	11	S									
558.60				Stiff, damp, brown, SANDY CLAY LOAM TILL embankment.	4										
					4	2.0	15								
				Brown, SANDY LOAM, LOAM TILL.	10	S									
556.10				Medium to very stiff, damp, brown marbled gray, CLAY LOAM TILL embankment.	2										
					4	1.0	9								
				Hard, damp, red, CLAY LOAM TILL.	3	B									
					3										
				Extent of exploration.	4										
					3	3.5	12								
					4	PP									
551.10					2										

Latitude W 88 deg 34.645 min, Longitude N 98 deg 05.841 min, Map Datum NAD83 84

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Page 1 of 1

Date 3/24/10

ROUTE I-57/70 DESCRIPTION Overhead Sign Truss locations LOGGED BY E. Sandschafer

SECTION Various LOCATION E 1/2, SEC. 36, TWP. 8 N, RNG. 6 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 7S0251057L157.7  
Station 2063+00  
BORING NO. 14B PL  
Station 2063+00  
Offset 46.00R Rt  
Ground Surface Elev. 570.24 ft

DEPTH H S	B L O S	U C S	M O I S T	Surface Water Elev. N/A ft Stream Bed Elev. N/A ft	DEPTH H S	B L O S	U C S	M O I S T	Groundwater Elev.:						
									First Encounter	Upon Completion	After 24 Hrs. Caved at 12.5'	(%)			
(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)								
28" crushed stone.					2	0.4	20								
				Soft, damp, gray, SILTY CLAY. (continued)	3	B									
567.94				Soft, very damp, gray, SANDY LOAM.	0										
					1	0.3	24								
					1	B									
				No recovery, rock in sampler shoe.	2										
					3										
					4										
				Hard, damp, brown marbled gray, CLAY LOAM TILL.	1										
					3	0.5	21								
					4	B									
544.34				Medium, damp, brown, SANDY CLAY LOAM.	2										
					3	0.8	12								
					3	S									
583.24				Stiff, damp, brown to red, CLAY LOAM TILL.	1										
					3	1.2	13								
					3	B									
				Extent of exploration.	1										
					2	1.1	17								
					2	B									
				Soft, very damp, brown, SILTY LOAM.	3										
					3	0.3	13								
					3	B									
555.74				Hard, damp, brown, CLAY LOAM TILL.	1										
					5	4.7	16								
					6	B									
				Soft, damp, gray, SILTY CLAY.	3										

Latitude W 88 deg 34.623 min, Longitude N 98 deg 05.837 min, Map Datum NAD83 84

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)



# SOIL BORING LOG

Page 1 of 1

Date 2/4/10

ROUTE I-57/70 DESCRIPTION Overhead Sign Truss locations LOGGED BY E. Sandschafer

SECTION Various LOCATION NW 1/4, SEC. 31, TWP. 8 N, RNG. 6 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 7S0251057L158.0 Station 2077+87	BORING NO. 12A DL Station 2078+14 Offset 19.00R Lt Ground Surface Elev. 584.83 ft	DEPTH (ft)	BLOW (/6")	UCS (tsf)	MOIST (%)	Soil Description				DEPTH (ft)	BLOW (/6")	UCS (tsf)	MOIST (%)	
						Surface Water Elev. N/A ft	Stream Bed Elev. N/A ft	Groundwater Elev. First Encounter Dry ft	Upon Completion Dry ft					After 96 Hrs. 572.4 ft
	14" asphalt shoulder.													
	583.63													
	Skipped this sample.													
	580.33													
	Stiff, damp, gray, CLAY w/ some Silt.													
	577.83													
	Stiff, damp, gray marbled red, CLAY LOAM.													
	575.33													
	Stiff, damp, gray to red, CLAY.													
	570.33													
	Soft, damp, red, LOAM.													
	567.83													
	Very stiff, damp, red, SANDY CLAY. Sample pokerchipped.													
	565.33													

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)



# SOIL BORING LOG

Page 1 of 1

Date 2/4/10

ROUTE I-57/70 DESCRIPTION Overhead Sign Truss locations LOGGED BY E. Sandschafer

SECTION Various LOCATION NW 1/4, SEC. 31, TWP. 8 N, RNG. 6 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 7S0251057L158.0 Station 2077+87	BORING NO. 12B PL Station 2076+65 Offset 11.00R Rt Ground Surface Elev. 585.06 ft	DEPTH (ft)	BLOW (/6")	UCS (tsf)	MOIST (%)	Soil Description				DEPTH (ft)	BLOW (/6")	UCS (tsf)	MOIST (%)	
						Surface Water Elev. N/A ft	Stream Bed Elev. N/A ft	Groundwater Elev. First Encounter 570.6 ft	Upon Completion 570.6 ft					After N/A Hrs. N/A ft
	14.5" asphalt shoulder.													
	583.86													
	Very soft, damp, gray, SILTY LOAM.													
	580.56													
	Stiff, damp, red and gray, CLAY w/ Sand.													
	573.06													
	Stiff, damp, brown, CLAY LOAM TILL.													
	570.56													
	Loose, wet, brown, SANDY LOAM. Unable to test for Qu.													
	568.06													
	Hard, moist, brown, CLAY LOAM TILL.													
	565.56													

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)

**LIGHTING SCHEDULE**

PAT ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY
	ELECTRIC SERVICE INSTALLATION	EACH	2
	CONDUIT, AUGERED 2" DIA., PVC	FOOT	154
	CONDUIT, AUGERED 3" DIA., PVC	FOOT	592
	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	640
	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	50
	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	18
	UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	12046
	UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	21770
	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	3187
	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1120
	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1145
	AERIAL CABLE, 2-1C NO. 4 WITH MESSENGER WIRE	FOOT	2210
	TRENCH & BACKFILL FOR ELECTRICAL WORK	FOOT	30120
	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	116
	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT	EACH	16
	UNDERPASS LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	2
	SIGN LIGHTING (HIGH PRESSURE SODIUM)	EACH	17
	LIGHTING CONTROLLER, BASE MOUNTED, 480V, 100A	EACH	1
	LIGHTING CONTROLLER, BASE MOUNTED, 480V, 200A	EACH	1
	LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM	EACH	116
	LIGHT POLE, WOOD, 55 FOOT, CLASS 4	EACH	16
	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 8"	EACH	113
	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	308
	REMOVAL OF TEMPORARY LIGHTING UNITS	EACH	16
	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	9
	REMOVE POLE FOUNDATION	EACH	3
	REMOVAL OF LIGHTING CONTROLLER	EACH	3
	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2

**GENERAL NOTES**

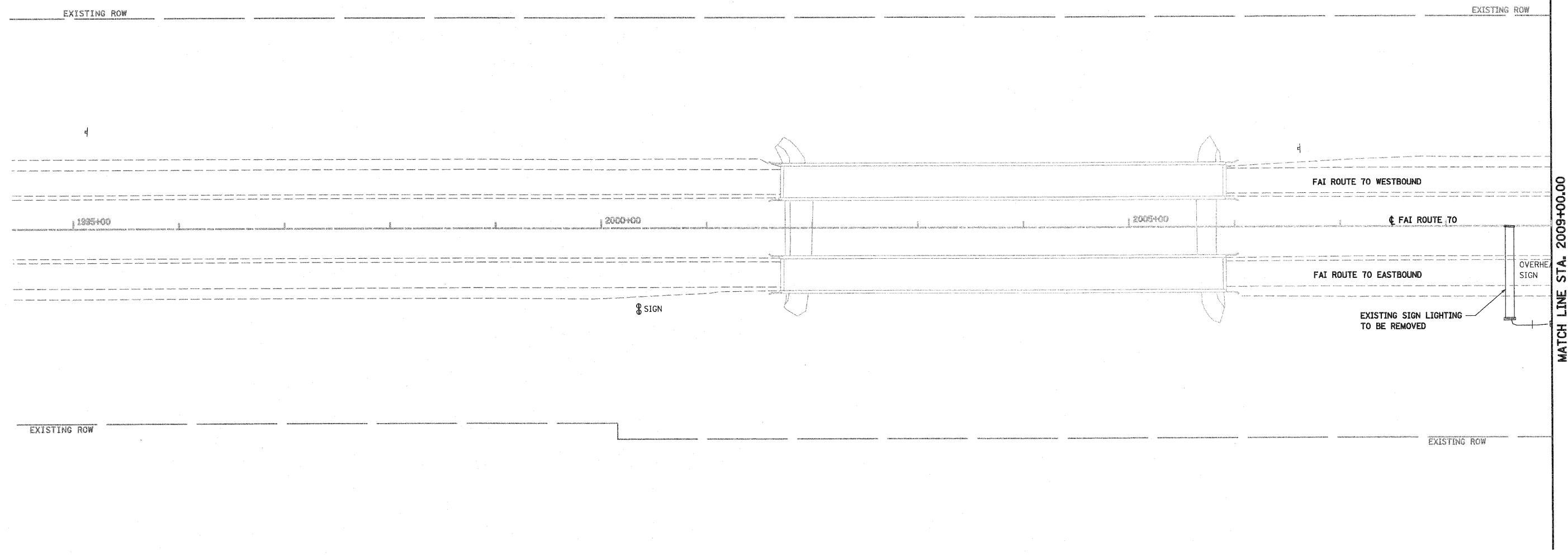
- ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
- EXISTING LIGHT POLES AND FOUNDATIONS TO BE REMOVED, AND ALL ASSOCIATED HARDWARE AND APPURTENANCES, SHALL NOT BE SALVAGED BUT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE "TRENCH AND BACKFILL FOR ELECTRICAL WORK" PAY ITEM.
- PROPOSED LIGHT POLES TO BE INSTALLED AT A 20 FEET SETBACK FROM THE EDGE OF TRAVELED PAVEMENT OR 4 FEET BEHIND THE GUARDRAIL UNLESS NOTED OTHERWISE ON THE PLANS. NO POLES SHALL BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LIGHTING SYSTEM UNTIL IDOT HAS TAKEN ACCEPTANCE OF THE SYSTEM. ALL EXISTING CIRCUITS AND CABLES TO THE LIGHT POLES SHALL BE MAINTAINED AS NEEDED AND THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- ALL RELOCATIONS AND ADJUSTMENTS TO EXISTING LIGHTING UNITS TO SERVE AS TEMPORARY LIGHTING DUE TO STAGING OR CONSTRUCTION SHALL BE MADE AT NO ADDITIONAL COST. ADDITIONAL AERIAL CABLE SPANS SHALL BE FURNISHED AND INSTALLED AS DIRECTED BY THE ENGINEER, AND THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- BREAKAWAY DEVICES SHALL NOT BE INSTALLED FOR POLES LOCATED BEHIND THE GUARDRAIL OR MOUNTED ON BRIDGE PARAPET WALLS.

**LIGHTING INDEX**

- 390 GENERAL NOTES, SCHEDULES AND INDEX OF SHEETS
- 391-400 EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING
- 401-410 PROPOSED LIGHTING
- 411-412 LIGHTING DETAILS
- 413 DELETED
- 414-426 LIGHTING DETAILS

FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED - 04-08-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, SCHEDULES, AND INDEX OF SHEETS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Plot Scale = 1/8" = 1' IN.	DRAWN - PDB	REVISIONS	57/70			(25-3)R	EFFINGHAM	1416	390	
PLOT DATE = 4/21/2010	CHECKED - BRM	REVISIONS	<b>CONTRACT NO. 74296</b>							
	DATE - 3-4-08	REVISIONS	SCALE: 1"=50'	SHEET NO. 1 OF 34 SHEETS	STA. 2005+92.13 TO STA. 2009+00.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

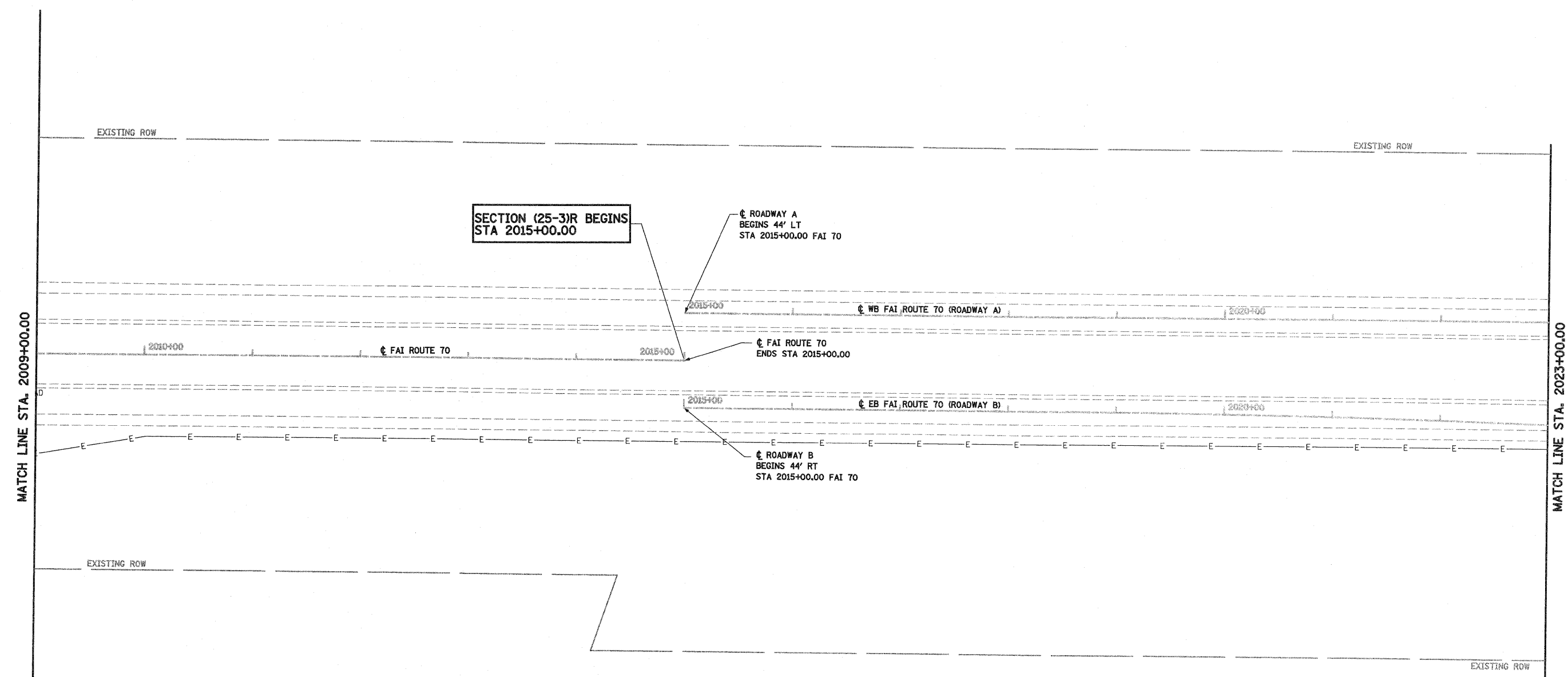
1. THE LOCATIONS OF EXISTING UNIT DUCT AS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION IN THE FIELD PRIOR TO CONSTRUCTION.
2. ALL EXISTING CABLE IS TO BE ABANDONED WHEN TEMPORARY LIGHTING IS REMOVED AND PROPOSED LIGHTING SYSTEM IS OPERATIONAL.
3. FOR IMPLEMENTATION OF TEMPORARY LIGHTING DURING STAGE CONSTRUCTION, SEE MAINTENANCE OF TRAFFIC SHEETS.









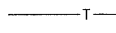
- LEGEND**
- EXISTING LIGHTING UNIT USED AS TEMPORARY
  - TEMPORARY WOOD POLE, 55 FEET, CLASS 4
  - EXISTING LIGHTING CONTROLLER
  - TEMPORARY WOOD POLE, 55 FEET, CLASS 4 WITH 250W HPS LUMINAIRE, 45 FEET MOUNTING HEIGHT
  - EXISTING UNIT DUCT OR CABLE IN CONDUIT
  - AERIAL CABLE, 2-1/2 NO 4 UNLESS OTHERWISE NOTED WITH MESSENGER WIRE
  - TEMPORARY UNIT DUCT, 2-1/2 NO. 6, 1/2 NO. 8 GROUND, OLP-TYPE USE, 1" DIA. POLYETHYLENE



FILE NAME = S:\projects\03-08\7257-7\dwg\15 TrkLighting.rem.dwg	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING SOUTH TRI LEVEL</b>		F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 391
	PLOT SCALE = 100.0000' / IN.	CHECKED - BRM	REVISED -				SCALE: 1"=50'	SHEET NO. 2 OF 34 SHEETS	STA. 2005+92.13 TO STA. 2009+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
	PLOT DATE = 3/19/2010	DATE - 3-4-08	REVISED -								

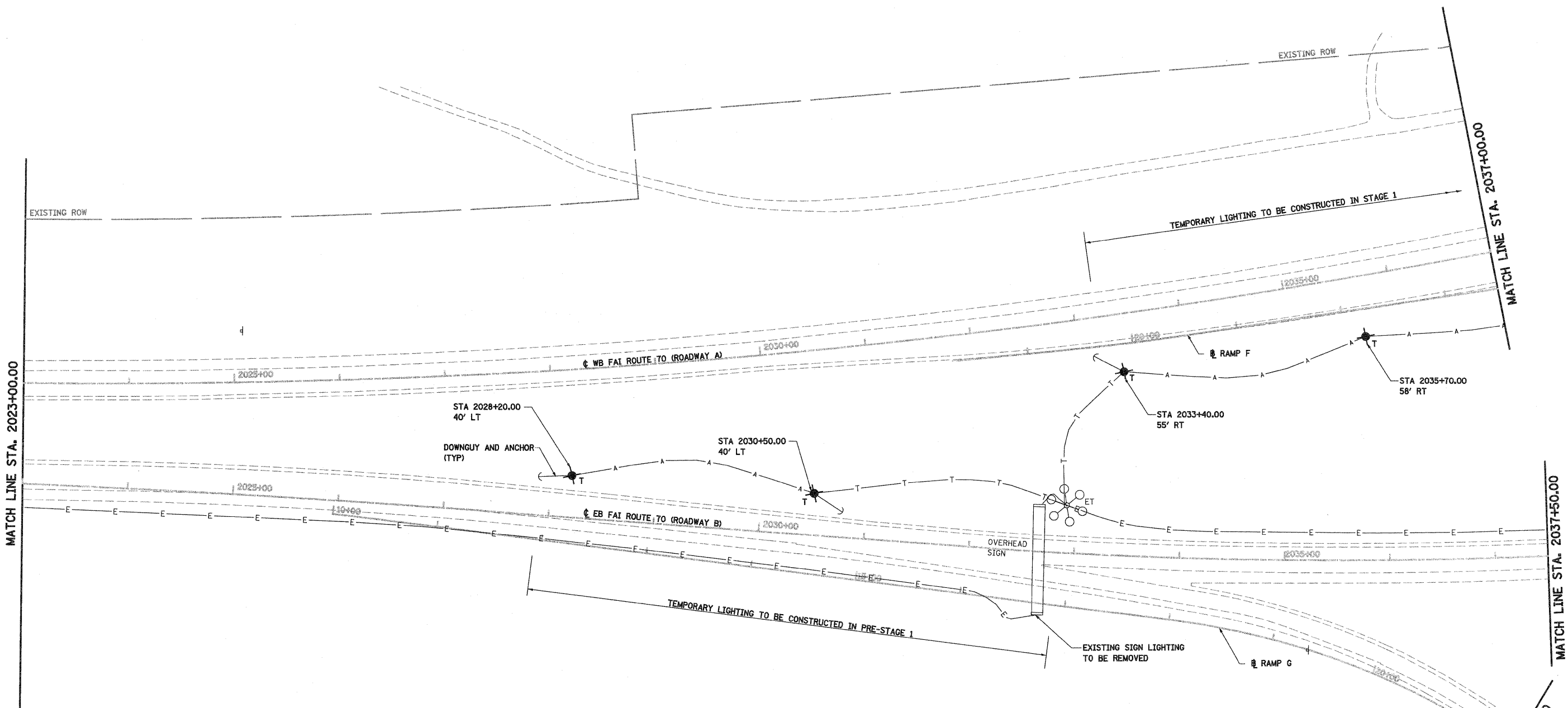


**LEGEND**

-  EXISTING LIGHTING UNIT USED AS TEMPORARY
-  TEMPORARY WOOD POLE, 55 FEET, CLASS 4
-  EXISTING LIGHTING CONTROLLER
-  TEMPORARY WOOD POLE, 55 FEET, CLASS 4 WITH 250W HPS LUMINAIRE, 45 FEET MOUNTING HEIGHT
-  EXISTING UNIT DUCT OR CABLE IN CONDUIT
-  AERIAL CABLE, 2-1/C NO 4 UNLESS OTHERWISE NOTED WITH MESSENGER WIRE
-  TEMPORARY UNIT DUCT, 2-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE



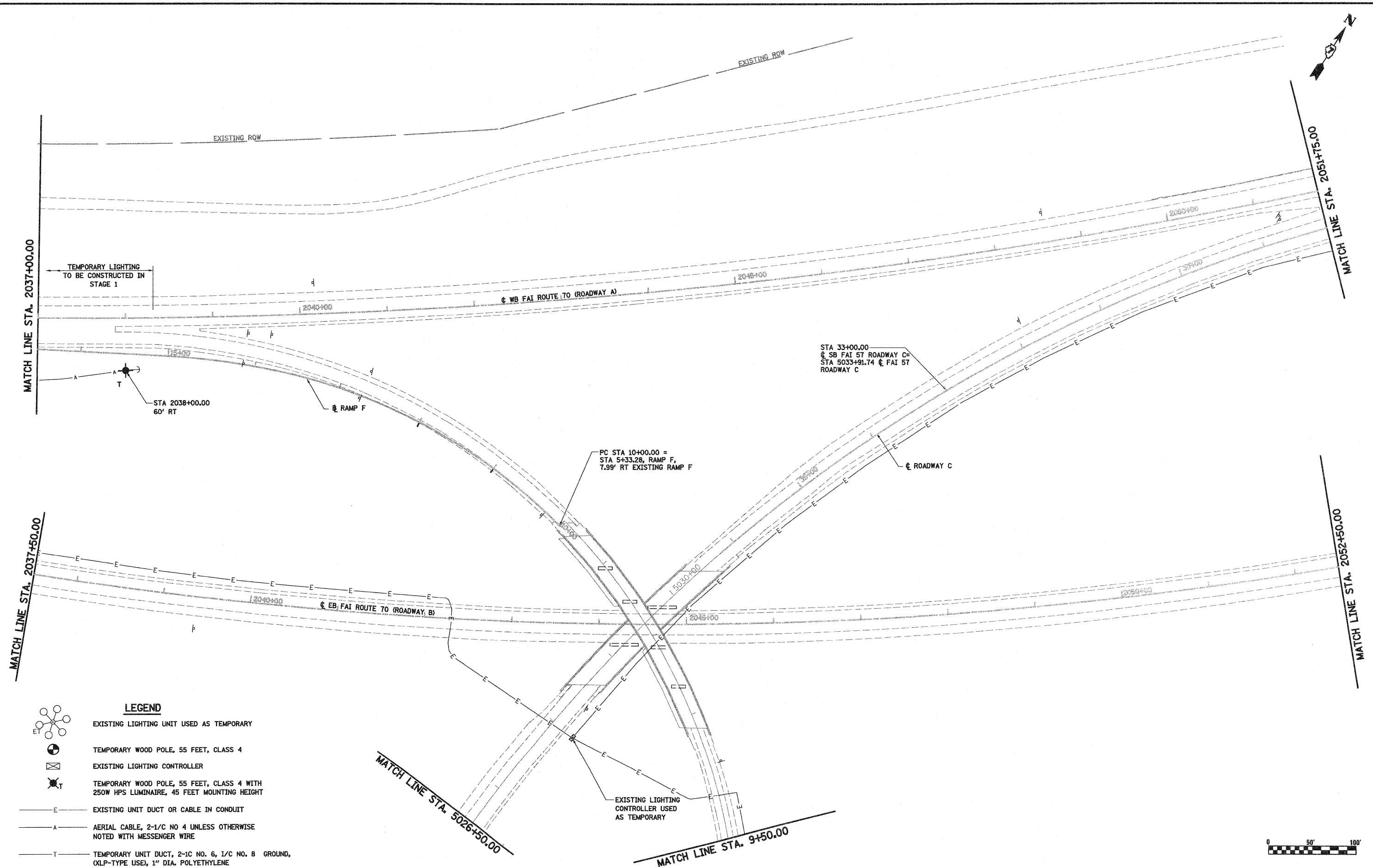
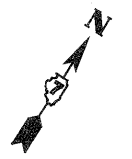
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PLOT SCALE = 100.0000' / IN.		CHECKED - BRM	REVISED -	SCALE: 1"=50'		SHEET NO. 3 OF 34 SHEETS		STA. 2009+00.00 TO STA. 2023+00.00		CONTRACT NO. 74296
PLOT DATE = 3/19/2010		DATE - 3-4-08	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



- EXISTING ROW
- LEGEND**
- EXISTING LIGHTING UNIT USED AS TEMPORARY
  - TEMPORARY WOOD POLE, 55 FEET, CLASS 4
  - EXISTING LIGHTING CONTROLLER
  - TEMPORARY WOOD POLE, 55 FEET, CLASS 4 WITH 250W HPS LUMINAIRE, 45 FEET MOUNTING HEIGHT
  - EXISTING UNIT DUCT OR CABLE IN CONDUIT
  - AERIAL CABLE, 2-1/2 NO 4 UNLESS OTHERWISE NOTED WITH MESSENGER WIRE
  -



FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED - 04-08-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING SOUTH TRI LEVEL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
57/70	(25-3R)	EFFINGHAM	1416			393						
SCALE: 1"=50'						SHEET NO. 4 OF 34 SHEETS	STA. 2023+00.00 TO STA. 2037+50.00	CONTRACT NO. 74296				
PLOT DATE = 4/21/2010						DATE - 3-4-08	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TEMPORARY LIGHTING  
TO BE CONSTRUCTED IN  
STAGE 1

STA 2038+00.00  
60' RT








RAMP F

PC STA 10+00.00 =  
STA 5+33.28, RAMP F,  
7.99' RT EXISTING RAMP F

STA 33+00.00  
SB FAI 57 ROADWAY C =  
STA 5033+91.74 FAI 57  
ROADWAY C

ROADWAY C

**LEGEND**

-  EXISTING LIGHTING UNIT USED AS TEMPORARY
-  TEMPORARY WOOD POLE, 55 FEET, CLASS 4
-  EXISTING LIGHTING CONTROLLER
-  TEMPORARY WOOD POLE, 55 FEET, CLASS 4 WITH 250W HPS LUMINAIRE, 45 FEET MOUNTING HEIGHT
-  EXISTING UNIT DUCT OR CABLE IN CONDUIT
-  AERIAL CABLE, 2-1/2 INCH NO 4 UNLESS OTHERWISE NOTED WITH MESSENGER WIRE
-  TEMPORARY UNIT DUCT, 2-1/2 INCH NO. 6, 1/2 INCH NO. 8 GROUND, OLP-TYPE USE, 1 INCH DIA. POLYETHYLENE



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USER NAME = paul  
PLOT SCALE = 100.0000' / IN.  
PLOT DATE = 3/19/2010

DESIGNED - JWS  
DRAWN - PDB  
CHECKED - BRM  
DATE - 3-4-08

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING  
SOUTH TRI LEVEL**

SCALE: 1"=50' SHEET NO. 5 OF 34 SHEETS STA. 2037+00.00 TO STA. 2052+50.00

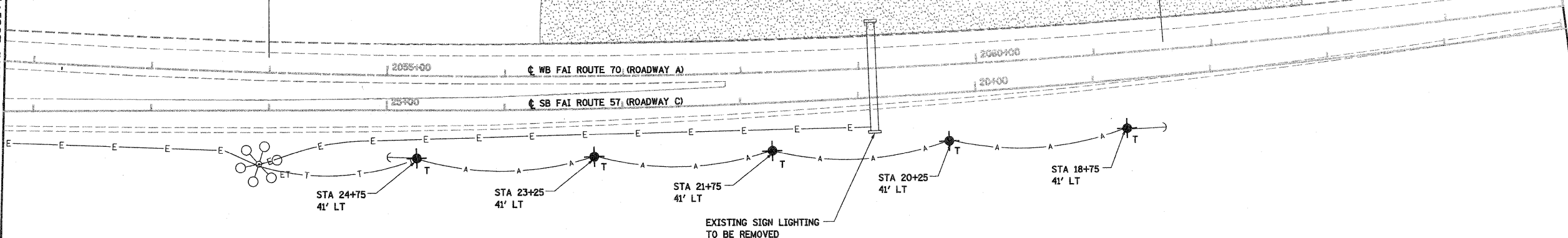
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3)R	EFFINGHAM	1416	394
CONTRACT NO. 74296				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

MATCH LINE STA. 2051+75.00

MATCH LINE STA. 2065+00.00

TEMPORARY LIGHTING TO BE CONSTRUCTED IN PRE-STAGE 1

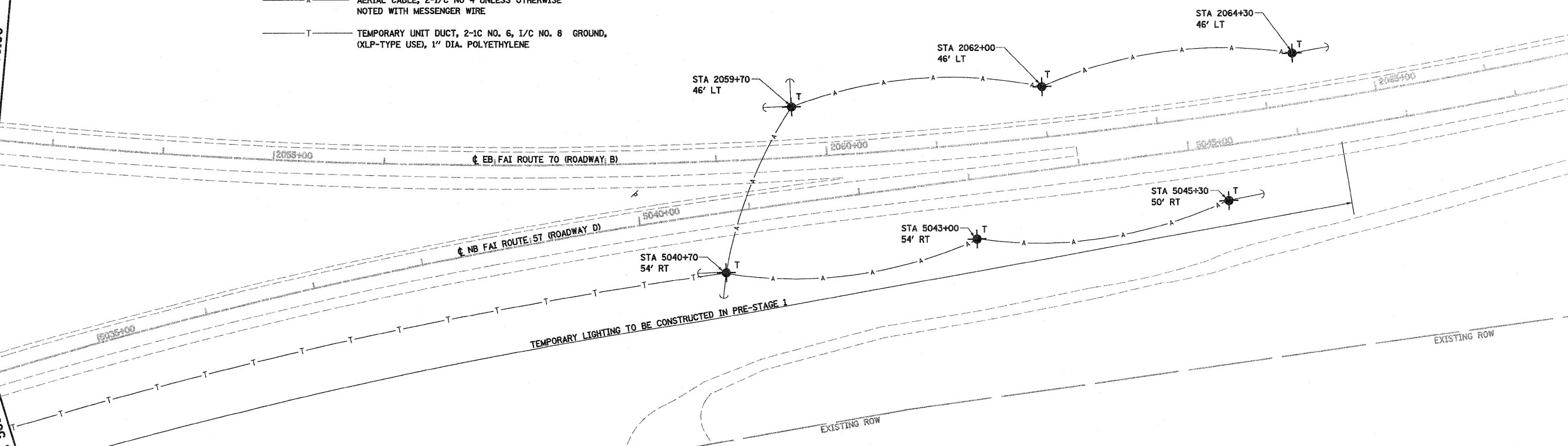


- LEGEND**
- EXISTING LIGHTING UNIT USED AS TEMPORARY
  - TEMPORARY WOOD POLE, 55 FEET, CLASS 4
  - EXISTING LIGHTING CONTROLLER
  - TEMPORARY WOOD POLE, 55 FEET, CLASS 4 WITH 250W HPS LUMINAIRE, 45 FEET MOUNTING HEIGHT
  - EXISTING UNIT DUCT OR CABLE IN CONDUIT
  - AERIAL CABLE, 2-1/2 NO 4 UNLESS OTHERWISE NOTED WITH MESSENGER WIRE
  - TEMPORARY UNIT DUCT, 2-1C NO. 6, 1/2 NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

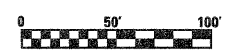
MATCH LINE STA. 2052+50.00

MATCH LINE STA. 2067+00.00

TEMPORARY LIGHTING TO BE CONSTRUCTED IN PRE-STAGE 1

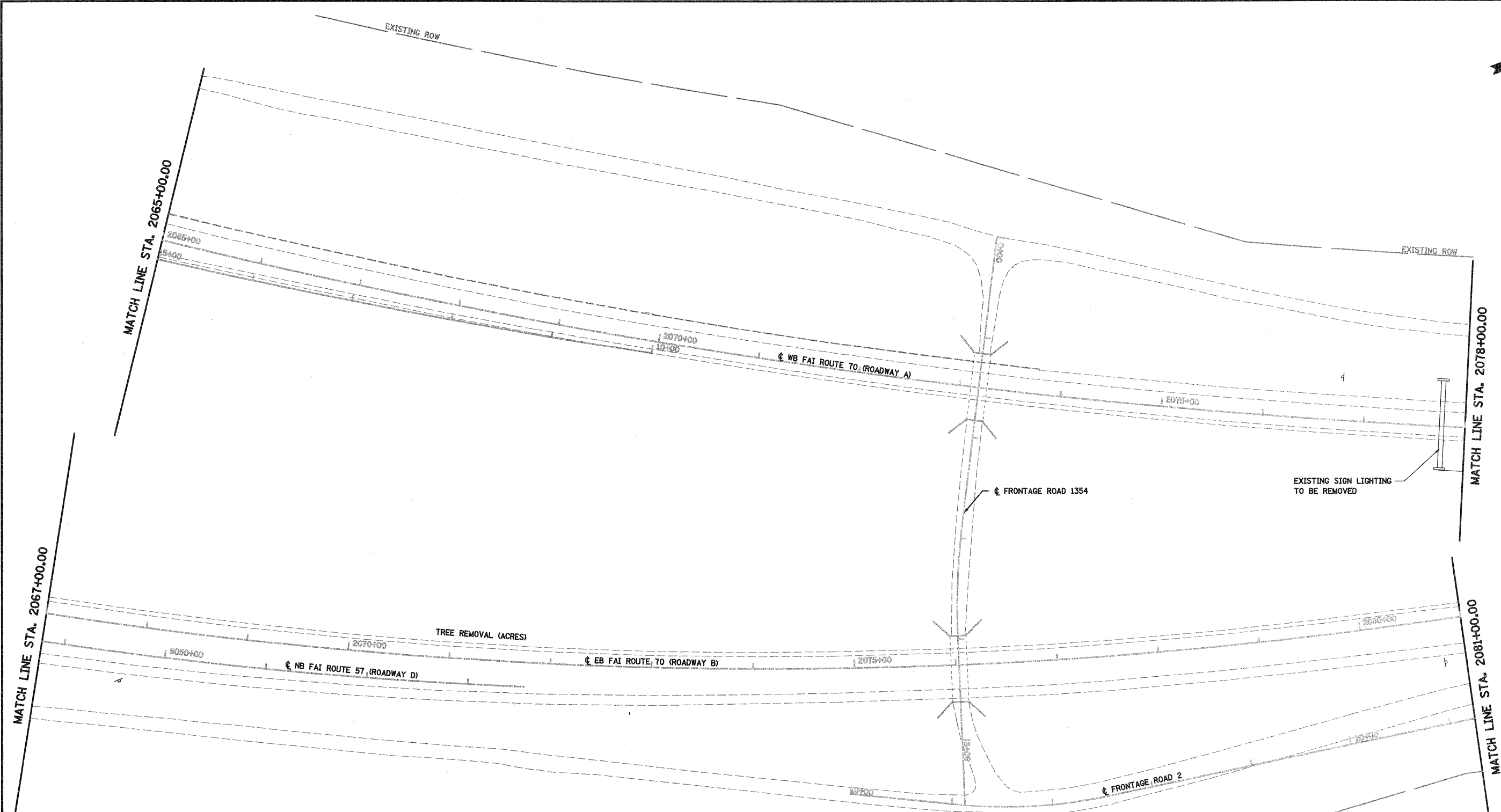


MATCH LINE STA. 5034+00.00










FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING SOUTH TRI LEVEL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
20\Project\183\887257\Drawings\Lighting\rel\sl.dwg		DRAWN - PDB	REVISED -					57/70	(25-3)R	EFFINGHAM	1416	395
PLOT SCALE = 1/80.0000' / IN.		CHECKED - BRM	REVISED -		SCALE: 1"=50'			SHEET NO. 6 OF 34 SHEETS			STA. 2052+50.00 TO STA. 2067+00.00	
PLOT DATE = 3/19/2010		DATE - 3-4-08	REVISED -		FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT			CONTRACT NO. 74296	





**LEGEND**

-  EXISTING LIGHTING UNIT USED AS TEMPORARY
-  TEMPORARY WOOD POLE, 55 FEET, CLASS 4
-  EXISTING LIGHTING CONTROLLER
-  TEMPORARY WOOD POLE, 55 FEET, CLASS 4 WITH 250W HPS LUMINAIRE, 45 FEET MOUNTING HEIGHT
-  EXISTING UNIT DUCT OR CABLE IN CONDUIT
-  AERIAL CABLE, 2-1/C NO 4 UNLESS OTHERWISE NOTED WITH MESSENGER WIRE
-  TEMPORARY UNIT DUCT, 2-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE



FILE NAME =  
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PLOT DATE = 3/19/2012

DESIGNED - JWS  
DRAWN - PDB  
CHECKED - BRM  
DATE - 3-4-08

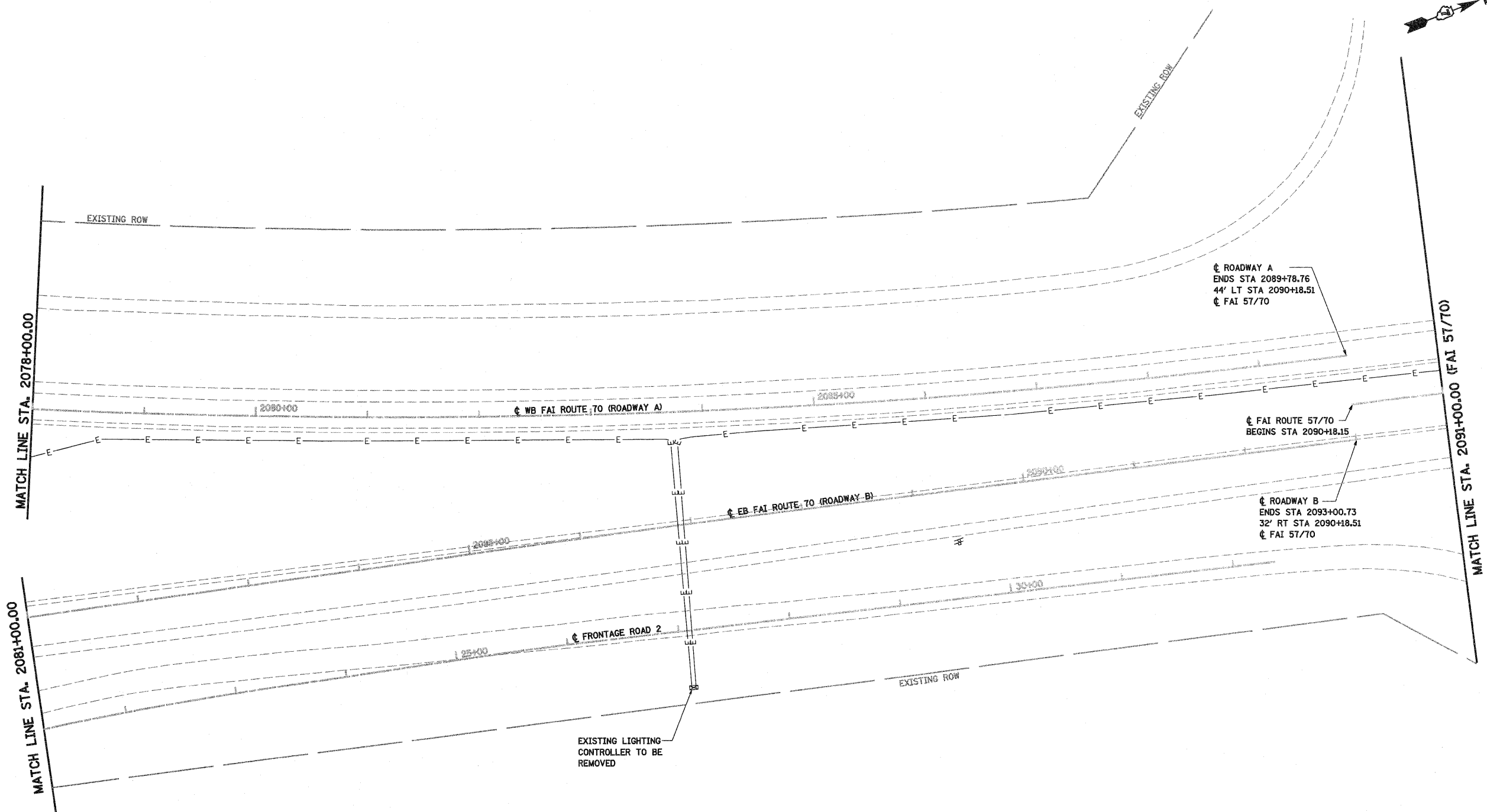
REVISED -  
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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**





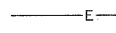


**EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING  
SOUTH TRI LEVEL**

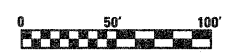
SCALE: 1"=50'    SHEET NO. 7 OF 34 SHEETS    STA. 2067+00.00 TO STA. 2081+00.00

F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 396
CONTRACT NO. 74296				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

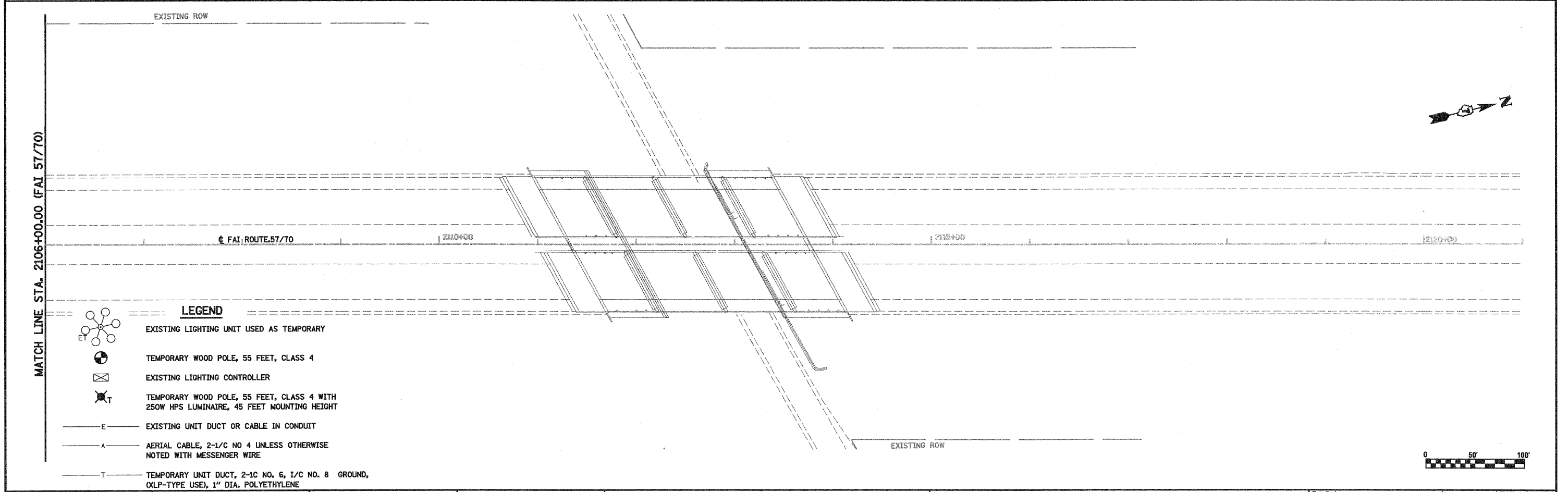
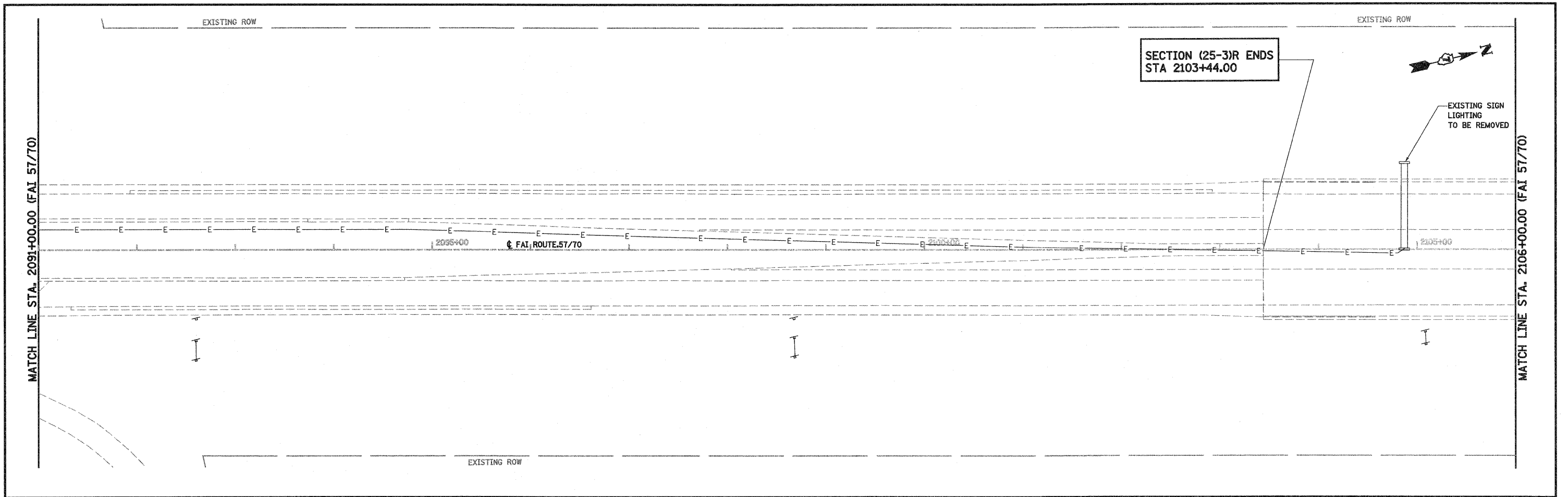


**LEGEND**

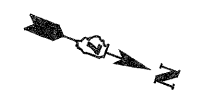
-  EXISTING LIGHTING UNIT USED AS TEMPORARY
-  TEMPORARY WOOD POLE, 55 FEET, CLASS 4
-  EXISTING LIGHTING CONTROLLER
-  TEMPORARY WOOD POLE, 55 FEET, CLASS 4 WITH 250W HPS LUMINAIRE, 45 FEET MOUNTING HEIGHT
-  EXISTING UNIT DUCT OR CABLE IN CONDUIT
-  AERIAL CABLE, 2-1/2 NO 4 UNLESS OTHERWISE NOTED WITH MESSENGER WIRE
-  TEMPORARY UNIT DUCT, 2-1/2 NO. 6, 1/2 NO. 8 GROUND, XLP-TYPE USE, 1" DIA. POLYETHYLENE










FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING SOUTH TRI LEVEL</b>			F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 397
PROJECT: I1800725770\Map5 Tri-Lvl Lighting.rvt.dwg	PLOT SCALE = 1/80.00000 1" = 80.00000'	DRAWN - PDB	REVISED -		SCALE: 1"=50'	SHEET NO. 8 OF 34 SHEETS	STA. 2081+00.00 TO STA. 2091+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 74296		
	PLOT DATE = 3/19/2010	CHECKED - BRM	REVISED -									
		DATE - 3-4-08	REVISED -									

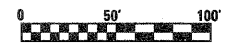


FILE NAME = S:\Projects\03\087237-70\Lighting\03.dwg	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING SOUTH TRI LEVEL</b>	F.A.I. RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 398
	PLOT SCALE = 1/8" = 1' IN.	CHECKED - BRM	REVISED -			SCALE: 1"=50'	SHEET NO. 9 OF 34 SHEETS	STA. 2091+00.00 TO STA. 2115+00.00	CONTRACT NO. 74296	
PLOT DATE = 3/19/2010	DATE - 3-4-08	REVISED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

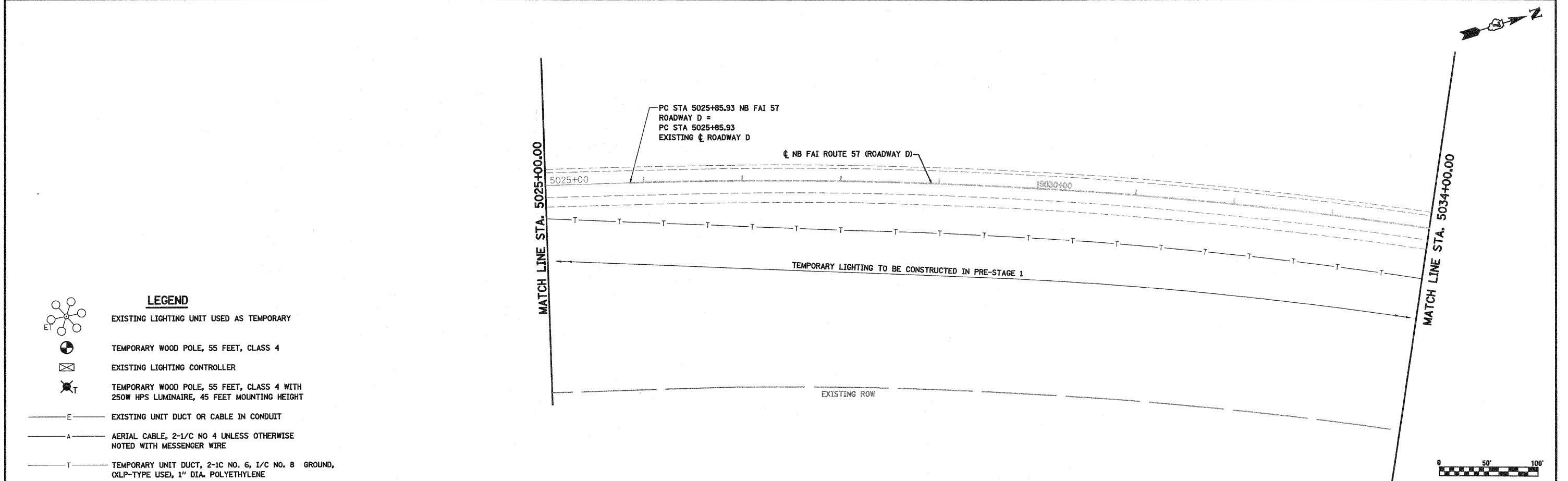
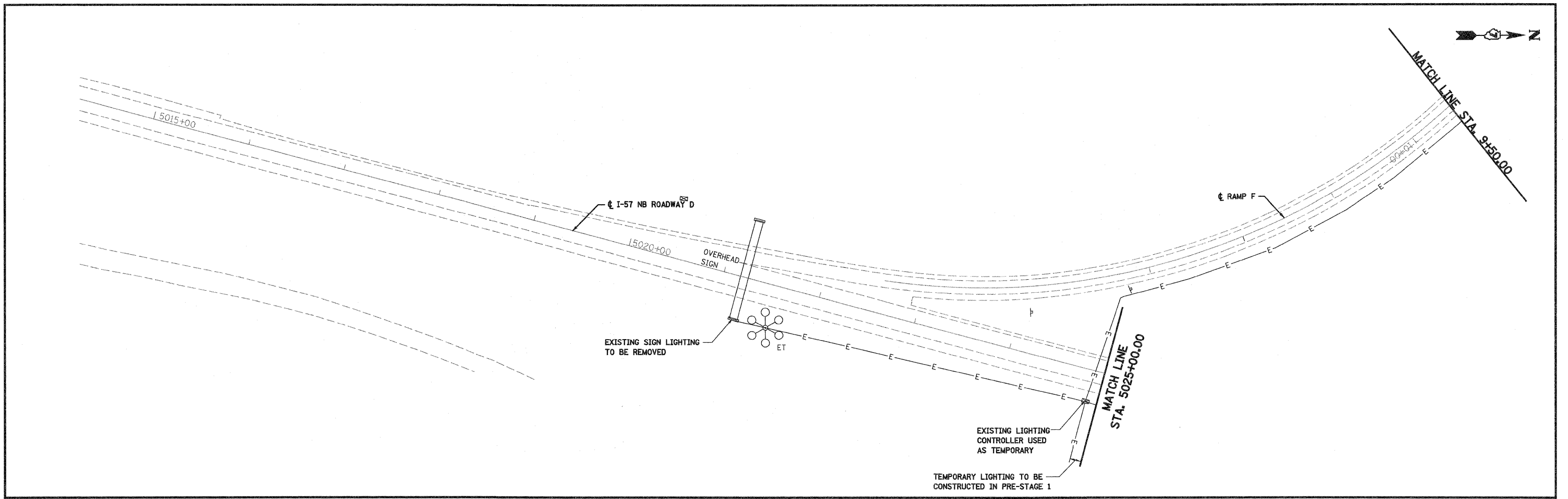


**LEGEND**

-  EXISTING LIGHTING UNIT USED AS TEMPORARY
-  TEMPORARY WOOD POLE, 55 FEET, CLASS 4
-  EXISTING LIGHTING CONTROLLER
-  TEMPORARY WOOD POLE, 55 FEET, CLASS 4 WITH 250W HPS LUMINAIRE, 45 FEET MOUNTING HEIGHT
-  EXISTING UNIT DUCT OR CABLE IN CONDUIT
-  AERIAL CABLE, 2-1/C NO 4 UNLESS OTHERWISE NOTED WITH MESSENGER WIRE
-  TEMPORARY UNIT DUCT, 2-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE



FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING SOUTH TRI LEVEL</b>	F.A.I RTE. 57/70	SECTION (25-3)R	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 399
	PLOT SCALE = 100.0000' / IN.	DRAWN - PDB	REVISED -	SCALE: 1"=50'	SHEET NO. 10 OF 34 SHEETS	STA. 5015+00.00 TO STA. 5026+50.00		CONTRACT NO. 74296		
	PLOT DATE = 3/19/2010	CHECKED - BRM	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		DATE - 3-4-08	REVISED -							



- LEGEND**
- EXISTING LIGHTING UNIT USED AS TEMPORARY
  - TEMPORARY WOOD POLE, 55 FEET, CLASS 4
  - EXISTING LIGHTING CONTROLLER
  - TEMPORARY WOOD POLE, 55 FEET, CLASS 4 WITH 250W HPS LUMINAIRE, 45 FEET MOUNTING HEIGHT
  - EXISTING UNIT DUCT OR CABLE IN CONDUIT
  - AERIAL CABLE, 2-1/2 NO 4 UNLESS OTHERWISE NOTED WITH MESSENGER WIRE
  - TEMPORARY UNIT DUCT, 2-1/2 NO. 6, 1/2 NO. 8 GROUND, XLPE-TYPE USE, 1" DIA. POLYETHYLENE

FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING SOUTH TRI LEVEL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\02-2007\25-3R\Lighting\res.rld.dgn	PLOT SCALE = 100.00000 ' / IN.	DRAWN - PDB	REVISED -			(25-3R)	EFFINGHAM	1416	400	
	PLOT DATE = 3/19/2010	CHECKED - BRM	REVISED -			<b>CONTRACT NO. 74296</b>				
	DATE - 3-4-08	DATE - 3-4-08	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
					SCALE: 1"=50'	SHEET NO. 11 OF 34 SHEETS		STA. 5015+00.00 TO STA. 5034+00.00		