

PROPOSED HIGHWAY PLANS

FAP ROUTE 885 (IL 146)
SECTION (111,112)RS-2

3P HMA RESURFACING
POPE COUNTY

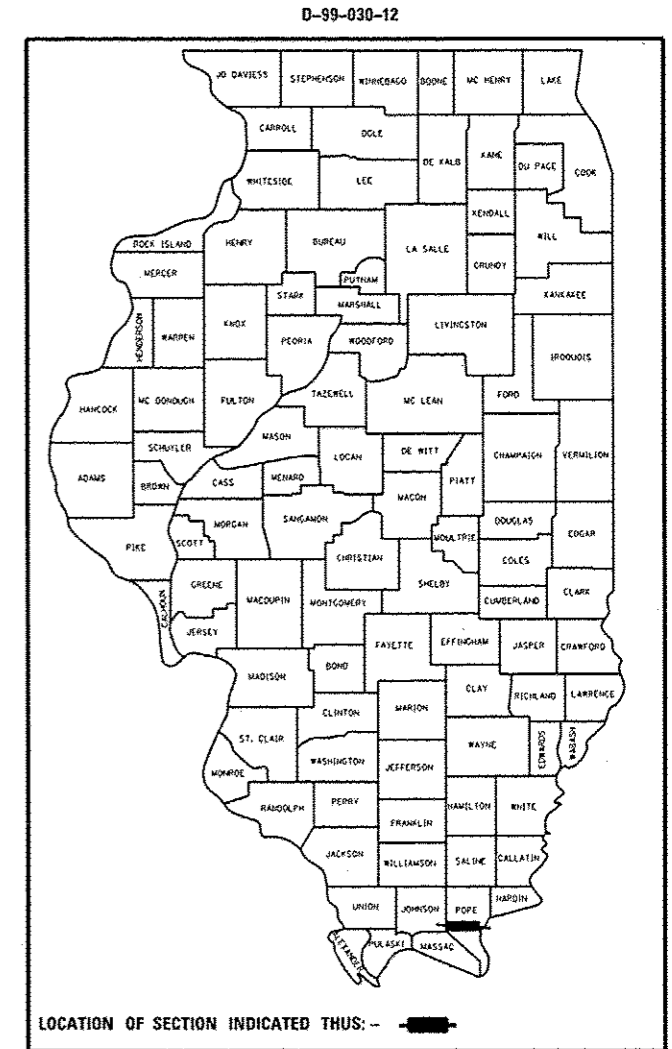
C-99-034-12

FOR INDEX OF SHEETS, SEE SHEET NO. ...

ADT 1868 (2012):
PV = 1711
SU = 141
MU = 16

EQUATION STATIONS:
Eq. Sta. 669+19.50 (bk.) =
Sta. 669+25.00 (ah.)
Eq. Sta. 817+87.00 (bk.) =
Sta. 817+98.00 (ah.)
Eq. Sta. 876+10.50 (bk.) =
Sta. 876+20.00 (ah.)
Eq. Sta. 913+59.10 (bk.) =
Sta. 913+50.00 (ah.)
Eq. Sta. 1259+59.50 (bk.) =
Sta. 1260+26.20 (ah.)

F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	111,112RS-2	POPE	23	1
ILLINOIS			CONTRACT NO. 78306	



PROP. IMPROVEMENT BEGINS
FAP 885 (IL 146)
STA. 593+00 (BUTT JOINT)

OMIT - SN 076-0006
STA. 669+42 TO STA. 674+17
OMIT - SN 076-0007
STA. 709+74 TO STA. 714+62

OMIT - SN 076-0008
STA. 815+90 TO STA. 819+80

OMIT - SN 076-0009
STA. 909+93 TO STA. 917+08

OMIT - SN 076-0027
STA. 1252+45 TO STA. 1255+71

OMIT - EX. LEVEE
STA. 1260+74 TO
STA. 1262+42

PROP. IMPROVEMENT ENDS
FAP 885 (IL 146)
STA. 1266+10 (BUTT JOINT)

TOWNSHIPS: WEBSTER, COLUMBUS, GOLGONDA

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

PROJECT ENGINEER CHARLES STEIN (618)351-5210
PROJECT MANAGER KATHI MCCORD (618)351-5319

CONTRACT NO. 78306

LENGTH OF PROJECT

GROSS LENGTH = 67,226.4 FT. = 12.73 MILE
NET LENGTH = 64,666.3 FT. = 12.27 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED June 12 20 14
Jeffrey L. Kassin
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

July 18 20 14
John D. Baranzelli PE
ENGINEER OF DESIGN AND ENVIRONMENT

July 18 20 14
Orner Osman PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Prepared By: Joe Polaniewicz
DISTRICT STUDIES & PLANS ENGINEER

Examined By: [Signature]
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Cam Nehr
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Keel Nehr
DISTRICT OPERATIONS ENGINEER

Examined By: [Signature]
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Daryl J. [Signature]
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

FILE NAME *	USER NAME * mccordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNATURE BLOCK			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwr\work\pwidot\mccordkr\030918\703	6-sh1-plan.dgn	DRAWN -	REVISED -		885	(111.112)RS-2	POPE	2	2			
	PLOT SCALE * 100.0000 ' / in.	CHECKED -	REVISED -		SCALE: _____ SHEET _____ OF _____ SHEETS			CONTRACT NO. 78306		ILLINOIS FED. AID PROJECT		
	PLOT DATE * 8/11/2014	DATE -	REVISED -		STA. _____ TO STA. _____							

INDEX OF SHEETS

Sheet No.	Description
1	Cover Sheet
2	Signature Sheet
3	Index of Sheets, General Notes, Standards
4	Mixture Requirements, MTD Crossing Restrictions
5 - 6	Summary of Quantities
7 - 8	Typicals for FAP 885 (IL 146)
9	Pavement Resurfacing Schedule
10 - 12	Pavement Marking Schedule
13 - 18	Plan Layout for FAP 885 (IL 146)
19 - 20	Details: Butt Joints at Structures, Beginning and End of Project
21	Intersection Details for FAP 885 (IL 146) & IL 145
22 - 23	District Standard Details: Temp. Hot-Mix Asphalt Transitions, Uneven Pavement Sign, Rough Grooved Surface Sign

STANDARDS:

442201-03
 701011-04
 701301-04
 701306-03
 701311-03
 701336-06
 701901-03
 780001-04
 781001-03

GENERAL NOTES

THE THICKNESS OF HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT:	2.016 TONS / CU. YD.
ALL AGGREGATE:	2.05 TONS/ CU. YD.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 100 m (300 FT.) INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 140 mm (5+ IN.) TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

THE QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. PATCHING SURVEY WAS DONE JUNE 6, 2014.

THE QUANTITY FOR PRIME COAT WAS CALCULATED IN TWO LAYERS. ONE APPLICATION AFTER MILLING THE EXISTING SURFACE AND ONE APPLICATION AFTER PLACING THE BINDER COURSE AND SHALL BE USED AS DIRECTED BY THE ENGINEER.

THE QUANTITY OF SHORT-TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, SURFACE COURSE AND BINDER COURSE.

BITUMINOUS RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 600 METERS (2,000 FT.), THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY.

THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.

COMMITMENTS: NONE

FILE NAME =	USER NAME = mceordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\mceordkr\483015\81783	B-shr-plan.dgn	DRAWN -	REVISED -			885	(11.112)RS-2	POPE	23	3
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____							
PLOT DATE = 6/12/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT CONTRACT NO. 78306							

HMA MIXTURE TABLE

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N90
AC/PG:	PG64-22
ABR % (Max):	See BDE Special Provisions
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture (Gradation Mixture):	IL-9.5 mm
Friction Aggregate:	C Surface
Quality Management Program:	OCP

Location(s):	Hot-Mix Asphalt Leveling Binder Course
Mixture Use(s):	Hot-Mix Asphalt Leveling Binder, N90, IL-9.5 Fine Grade
AC/PG:	PG64-22
ABR % (Max):	See BDE Special Provisions
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture (Gradation Mixture):	IL-9.5mm Fine Grade
Friction Aggregate:	None
Quality Management Program:	OCP

Location(s):	Class D Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0mm Fine Grade
AC/PG:	PG 64-22
ABR % (Max):	See Special Provisions
Design Air Voids:	4.0%, 90 Gyration Design
Mixture (Gradation Mixture):	IL-19.0mm Fine Grade
Friction Aggregate:	None
Quality Management Program:	OC/OA

MTD CROSSING RESTRICTIONS TABLE

SN & CENTERLINE STATION ROUTE FAP 885 (IL 146)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
SN 076-7001 (STA. 602+50)	0.6'	1'	Pending
SN 076-7002 (STA. 636+30)	8.0'	1'	Pending
SN 076-7003 (STA. 672+20)	11.0'	1'	Loaded
SN 076-7004 (STA. 805+47)	1.0'	1'	Pending
SN 076-7005 (STA. 834+93)	3.5'	1'	Loaded
SN 076-7006 (STA. 896+79)	1.5'	1'	Pending
SN 076-7007 (STA. 995+86)	4.0'	1'	Loaded
SN 076-7008 (STA. 602+50)	2.3'	1'	Pending
SN 076-7009 (STA. 602+50)	2.7'	1'	Pending
SN 076-7010 (STA. 602+50)	3.1'	1'	Loaded
SN 076-7011 (STA. 602+50)	2.0'	1'	Loaded
SN 076-7012 (STA. 602+50)	2.5'	1'	Loaded
SN 076-0006 (STA. 671+76)			Pending
SN 076-0007 (STA. 712+18.3)			Pending
SN 076-0008 (STA. 818+03.5)			Pending
SN 076-0009 (STA. 913+50)			Pending
SN 076-0027 (STA. 1254+09.28)			Pending

SUMMARY OF QUANTITIES

FAP 885 (IL 146)
100% STATE
3P RESURFACING
POPE COUNTY
CONSTRUCTION TYPE CODE 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	127,285
Z0034105	MATERIAL TRANSFER DEVICE	TON	23,838
40600647	LEVELING BINDER (MACHINE METHOD), IL-9.5mm FG, N90	TON	7980
40600990	TEMPORARY RAMP	SQ YD	225
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N90	TON	15,858
44000158	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"	SQ YD	188,482
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	422
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	18
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	148
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	129,333
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	1872.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4

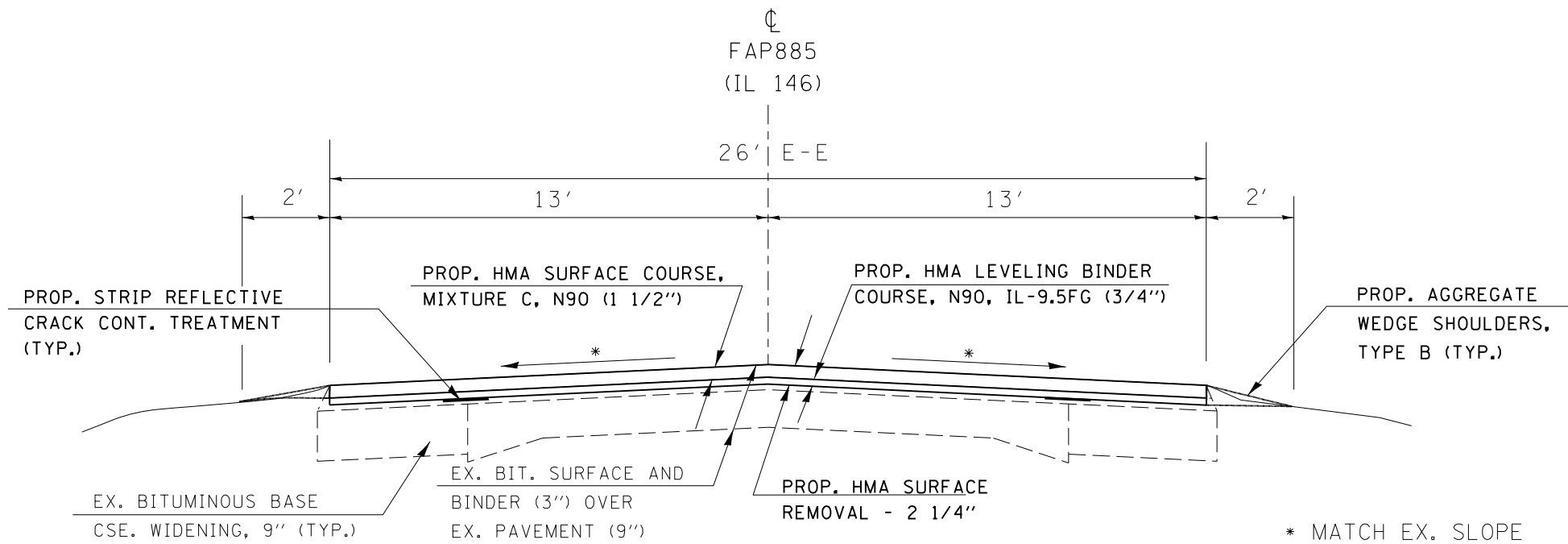
SUMMARY OF QUANTITIES

FAP 885 (IL 146)
100% STATE
3P RESURFACING
POPE COUNTY
CONSTRUCTION TYPE CODE 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	19,399
70300210	TEMPORARY PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	72.8
70300220	TEMPORARY PAVEMENT MARKING, LINE 4"	FOOT	201,035
70300240	TEMPORARY PAVEMENT MARKING, LINE 6"	FOOT	52
70300260	TEMPORARY PAVEMENT MARKING, LINE 12"	FOOT	360
70300280	TEMPORARY PAVEMENT MARKING, LINE 24"	FOOT	13
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	72,744
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	72.8
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	201,035
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	52
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	360
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	13
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	864
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	864

* SPECIALTY ITEMS

TYPICAL SECTION #1

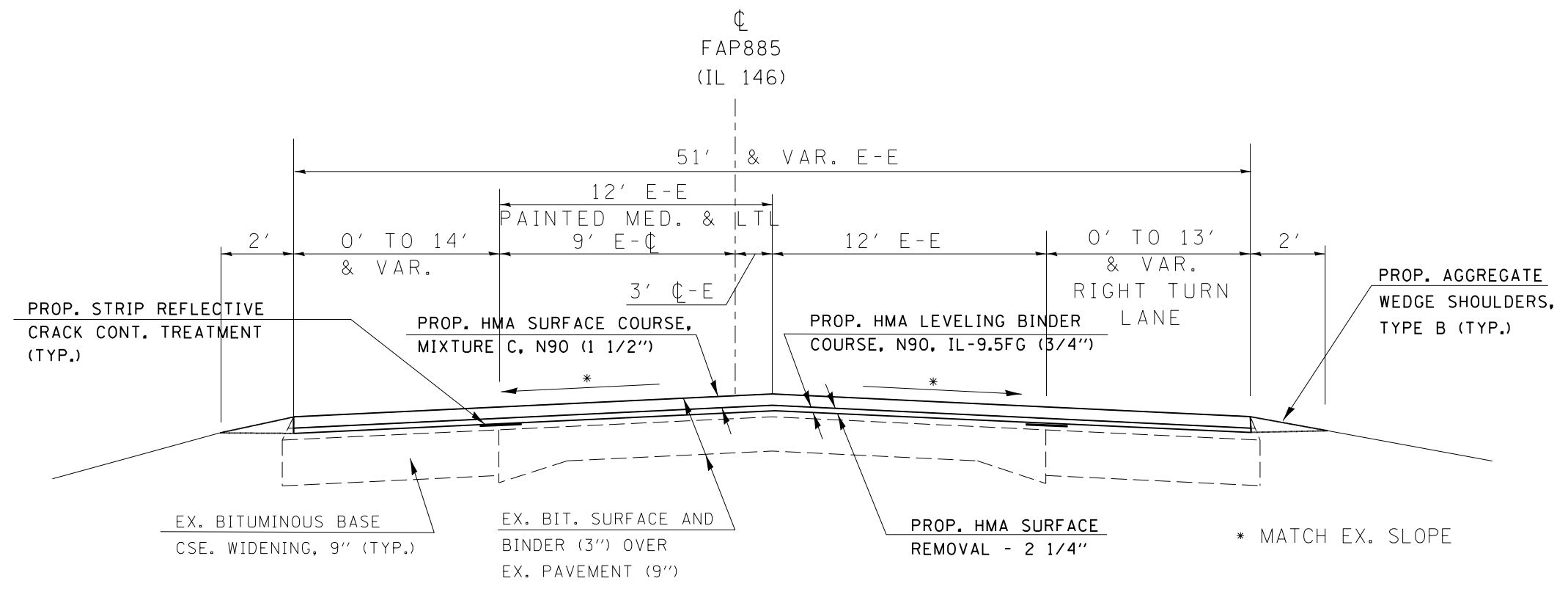


TO BE USED:

STA. 593+00 TO STA. 669+19.50
 EQ. STA. 669+19.50(BK.) = STA. 669+25 (AH)
 STA. 669+25 TO STA. 669+42
 OMIT S.N. 076-0006 STA. 669+42 TO STA. 674+17
 STA. 674+17 TO STA. 709+74
 OMIT S.N. 076-0007 STA. 709+74 TO STA. 714+62
 STA. 714+62 TO STA. 815+90
 OMIT S.N. 076-0008 STA. 815+90 TO EQ. STA. 817+87 (BK) =
 STA. 817+98 (AH) TO STA. 819+80
 STA. 819+80 TO STA. 876+10.5
 EQ. STA. 876+10.5 (BK) = STA. 876+20.0 (AH)
 STA. 876+20.0 TO STA. 909+93
 OMIT S.N. 076-0009 STA. 909+93 TO EQ. STA. 913+59.1 (BK) =
 STA. 913+50.0 (AH.) TO STA. 917+08
 STA. 917+08 TO STA. 1252+45
 OMIT S.N. 076-0027 STA. 1252+45 TO STA. 1255+71
 STA. 1255+71 TO STA. 1259+59.5
 EQ. STA. 1259+59.5 (BK) = STA. 1260+26.2 (AH)
 STA. 1260+26.2 TO STA. 1260+74
 OMIT EX. LEVEE STA. 1260+74 TO STA. 1262+42
 STA. 1262+42 TO STA. 1266+10

FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION #1			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\mccordkr\ad0301510\78306-sht-plan.dgn	DRAWN -	REVISED -	885					(111.112)R5-2	POPE	23	7	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 78306									
PLOT DATE = 6/12/2014	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

TYPICAL SECTION #2



TO BE USED:
 STA. 692+91 TO STA. 703+00
 (IL. 146/IL. 145 INTERCHANGE)

FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION #2			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					885	(111.112)R5-2	POPE	23	8
		CHECKED -	REVISED -					CONTRACT NO. 78306			ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.

FAP 885 (IL 146) PAVEMENT RESURFACING SCHEDULE

LOCATION STATION TO STATION			LENGTH	ROADWAY WIDTH	ROADWAY AREA	HOT-MIX ASP. SURF. REMOV. 2 1/4"	TEMP RAMP	HMA SURF. CSE., MIX C. N90 (1 1/2")	LEVELING BINDER (MM), IL-9.5mm N90 (1")	BIT. MAT. (PC)	
			FOR INFORMATIONAL PURPOSE ONLY								
			(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(LBS)	
FAP 885 (IL 146) - STA. 593+00 to STA. 1266+10											
	593+00.00	TO	669+19.50	7619.5	26	22012	22012	30	1849	925	14858
	669+25.00	TO	669+42.00	17	26	49	49		5	3	33
	674+17.00	TO	692+91.00	1874	26	5414	5414	30	455	228	3654
RT	692+91.00	TO	694+82.00	191	19	393	393		33	17	265
RT	694+82.00	TO	697+06.00	224	24	597	597		51	26	403
RT	697+06.00	TO	697+54.00	48	18.5	99	99		9	5	67
RT	697+54.00	TO	703+00.00	546	13	789	789		67	34	533
LT	692+91.00	TO	694+50.00	159	19.5	345	345		29	15	291
LT	694+50.00	TO	701+68.00	718	26	2074	2074		175	88	1400
LT	701+68.00	TO	703+00.00	132	19.5	286	286		25	13	193
	703+00.00	TO	709+74.00	674	26	1947	1947	15	164	82	1315
	714+62.00	TO	815+90.00	10128	26	29259	29259	30	2458	1229	19750
	819+80.00	TO	876+10.50	5631	26	16266	16266	15	1367	684	10980
	876+20.00	TO	909+93.00	3373	26	9744	9744	15	819	410	6578
	917+08.00	TO	1252+45.00	33537	26	96885	96885	30	8139	4070	65397
	1255+71.00	TO	1259+59.50	389	26	1122	1122	15	95	48	758
	1260+26.20	TO	1260+74.00	48	26	138	138	15	12	6	93
	1262+42.00	TO	1266+10.00	368	26	1063	1063	30	90	45	718
TOTALS							188,481	225	15842	7928	127286

IL 146 PAVEMENT MARKING SCHEDULE

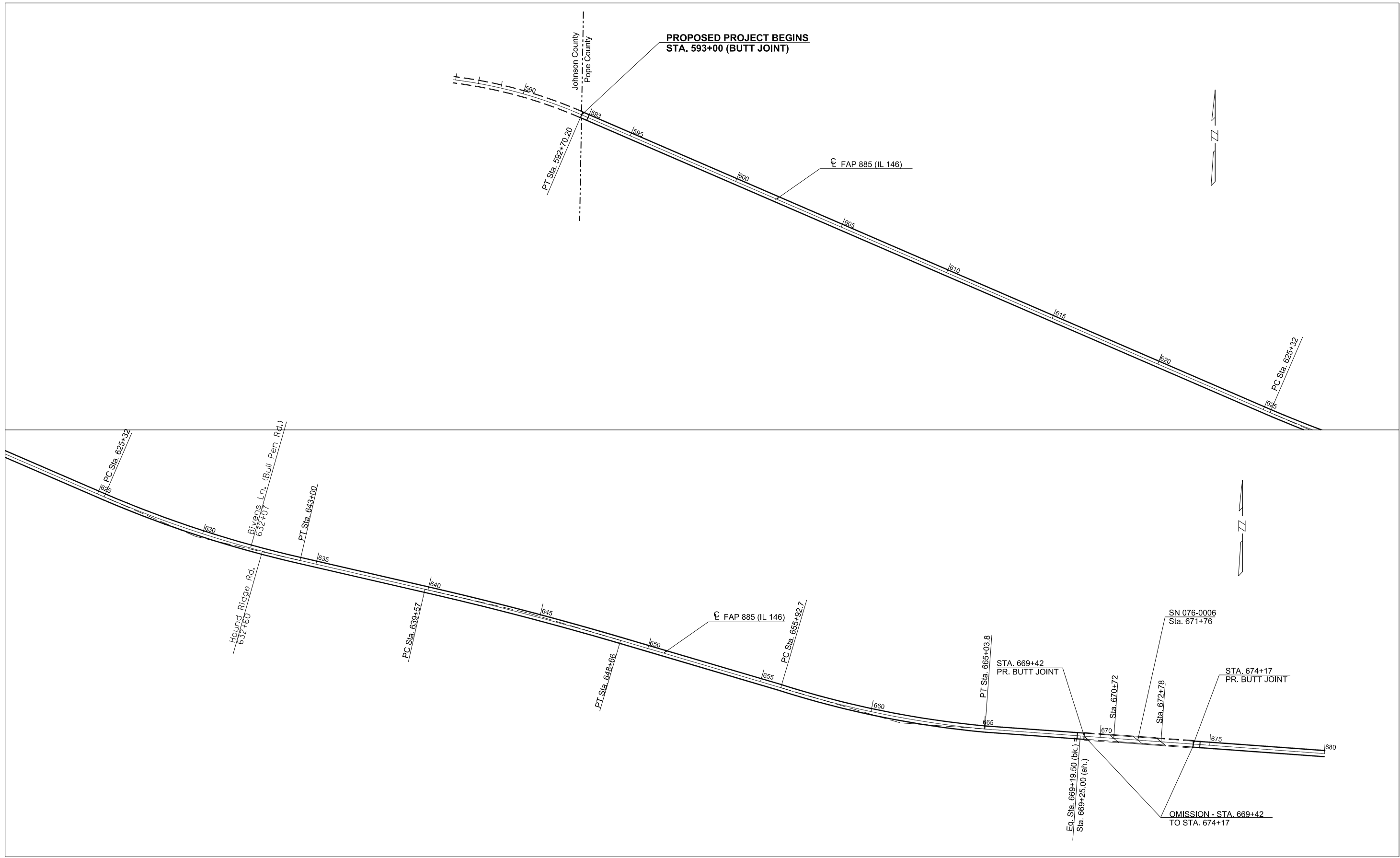
STATION TO STATION				THERMOPLASTIC PAVEMENT MARKING					TEMPORARY					SHORT-TERM PAVEMENT MARKING	NOTES		
				4 INCH WHITE (EDGE LINE)	4 INCH YELLOW (SKIP-DASH)	4 INCH YELLOW (NPZ OR DBL)	6 INCH (CROSSWALK)	12 INCH (DIAGONALS)	24 INCH (STOP BARS)	LETTERS AND SYMBOLS	4 INCH	6 INCH	12 INCH			24 INCH	LETTERS AND SYMBOLS
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT			FOOT	SO FT
IL146 - Sta. 593+00 to Sta. 1266+10																	
LT & RT	593+00.0	TO	669+19.5	15240										2286			
	593+00.0	TO	595+00.0			400											
LT	595+00.0	TO	605+40.0		260	1040											
RT	595+00.0	TO	605+00.0		250												
RT	605+00.0	TO	617+40.0			1240											
LT	605+40.0	TO	617+40.0		300												
LT & RT	617+40.0	TO	658+22.0			8164											
LT	658+22.0	TO	669+19.5			1098											
RT	658+22.0	TO	669+19.5		275												
EO STA 669+19.5 (BK) = STA. 669+25.0 (AH)																	
LT & RT	669+25.0	TO	669+42.0	34	5									5			
OMISSION - SN 076-0006 STA. 669+42 TO STA. 674+17																	
LT & RT	674+17.0	TO	692+91.0	3748	469									562			
LT	692+91.0	TO	703+00.0	1009										303			
RT	692+91.0	TO	695+86.0	295													
RT	697+06.0	TO	703+00.0	594													
LT & RT	692+91.0	TO	696+27.0			1344		165			165				PAINTED MEDIAN		
RT	694+82.0	TO	696+27.0			145									RIGHT TURN LANE		
RT	694+92.0								20.8				20.8		"ONLY"		
RT	695+20.0								15.6				15.6		RIGHT TURN ARROW		
LT & RT	697+06.0	TO	698+56.0			300									DBL. YELLOW LINES		
LT	697+06.0	TO	698+56.0			150									LEFT TURN LANE		
LT	698+10.0								15.6				15.6		LEFT TURN ARROW		
LT	698+38.0								20.8				20.8		"ONLY"		
LT & RT	698+56.0	TO	703+00.0			1776		195			195				PAINTED MEDIAN		
LT & RT	703+00.0	TO	709+74.0	1348		1348								202			
OMISSION - SN 076-0007 STA. 709+74 TO STA. 714+62																	
LT & RT	714+62.0	TO	815+90.0	20256										3038			
LT	714+62.0	TO	770+65.0			5603											
RT	714+62.0	TO	741+28.0			2666											
RT	741+28.0	TO	747+68.0		160												
RT	747+68.0	TO	762+85.0			1517											
RT	762+85.0	TO	770+65.0		195												
	770+65.0	TO	816+00.0		1134												
OMISSION - SN 076-0008 STA. 815+90 TO STA. 817+87.0 (BK)																	
EO STA 817+87.0 (BK) = STA. 817+98.0 (AH)																	
OMISSION - SN 076-0008 STA. 817+98.0 (AH) TO STA. 819+80																	

IL 146 PAVEMENT MARKING SCHEDULE (CONT.)

STATION TO STATION				THERMOPLASTIC PAVEMENT MARKING							TEMPORARY					SHORT-TERM PAVEMENT MARKING	NOTES
				4 INCH WHITE (EDGE LINE)	4 INCH YELLOW (SKIP-DASH)	4 INCH YELLOW (NPZ OR DBL)	6 INCH (CROSSWALK)	12 INCH (DIAGONALS)	24 INCH (STOP BARS)	LETTERS AND SYMBOLS	4 INCH	6 INCH	12 INCH	24 INCH	LETTERS AND SYMBOLS		
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	SO FT		
LT & RT	819+80.0	TO	876+10.5	11262											1689		
RT	819+80.0	TO	824+80.0		125	500											
	824+80.0	TO	826+00.0		30												
LT	826+00.0	TO	836+40.0		260	1040											
	836+40.0	TO	854+80.0		460												
RT	854+80.0	TO	865+00.0		255	1020											
LT & RT	865+00.0	TO	876+10.5		278												
EO STA 876+10.5 (BK) = STA. 876+20.0 (AH)																	
LT & RT	876+20.0	TO	909+93.0	6746											1012		
LT & RT	876+20.0	TO	881+59.0			1078											
LT	881+59.0	TO	892+79.0		280	1120											
	892+79.0	TO	909+93.0		429												
OMISSION - SN 076-0009 STA. 909+93 TO STA. 913+59.1 (BK)																	
EO STA 913+59.1 (BK) = STA. 913+50.0 (AH)																	
OMISSION - SN 076-0009 STA. 913+50.0 (AH) TO STA. 917+08																	
LT & RT	917+08.0	TO	1252+45.0	67074											10061		
	917+08.0	TO	1013+64.0		2414												
LT	991+64.0	TO	999+64.0			800											
RT	1002+84.0	TO	1013+64.0			1080											
LT & RT	1013+64.0	TO	1045+00.0			6272											
LT	1045+00.0	TO	1049+96.0		124	496											
	1049+96.0	TO	1059+56.0		240												
RT	1059+56.0	TO	1076+28.0		418	1672											
LT & RT	1076+28.0	TO	1087+40.0			2224											
	1087+40.0	TO	1107+37.0		500												
LT	1087+40.0	TO	1097+77.0			1037											
RT	1095+00.0	TO	1107+37.0			1237											
LT & RT	1107+37.0	TO	1125+03.0			3532											
LT	1125+03.0	TO	1136+60.0		290	1157											
	1136+60.0	TO	1178+80.0		1055												
RT	1178+80.0	TO	1189+00.0		255	1020											
LT & RT	1189+00.0	TO	1197+60.0			1720											
	1191+60.0						52									X-WALK AT SCHOOLS	
LT	1197+60.0	TO	1205+60.0		200	800											
LT & RT	1205+60.0	TO	1207+60.0			400											
RT	1207+60.0	TO	1214+00.0		160	640											
LT & RT	1214+00.0	TO	1220+87.0			1374											
LT	1220+87.0	TO	1232+87.0		300	1200											

IL 146 PAVEMENT MARKING SCHEDULE (CONT.)

STATION TO STATION				THERMOPLASTIC PAVEMENT MARKING							TEMPORARY					SHORT-TERM PAVEMENT MARKING	NOTES
				4 INCH WHITE (EDGE LINE)	4 INCH YELLOW (SKIP-DASH)	4 INCH YELLOW (NPZ OR DBL)	6 INCH (CROSSWALK)	12 INCH (DIAGONALS)	24 INCH (STOP BARS)	LETTERS AND SYMBOLS	4 INCH	6 INCH	12 INCH	24 INCH	LETTERS AND SYMBOLS		
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT		
	1232+87.0	TO	1240+00.0		179												
RT	1240+00.0	TO	1250+80.0		270	1080											
LT & RT	1250+80.0	TO	1252+45.0			330											
OMISSION - SN 076-0027 STA. 1252+45 TO STA. 1255+74																	
LT & RT	1255+74.0	TO	1259+59.5	772												116	
LT	1255+74.0	TO	1259+59.5		97	386											
EQ STA 1259+59.5 (BK) = STA. 1260+26.2 (AH)																	
LT & RT	1260+26.2	TO	1260+74.0	96	12	48										14	
OMISSION - EX. LEVEE STA. 1260+74 TO STA. 1262+42																	
LT & RT	1262+42.0	TO	1266+10.0	736	92											110	
RT	1266+08.0								13			13					AT MAIN ST.
		TO															
SUBTOTALS				129,210	11,771	60,054	52	360	13	72.8	201,035	52	360	13	72.8	19,399.0	
TOTALS				201,035			52	360	13	72.8	201,035	52	360	13	72.8	19,399.0	

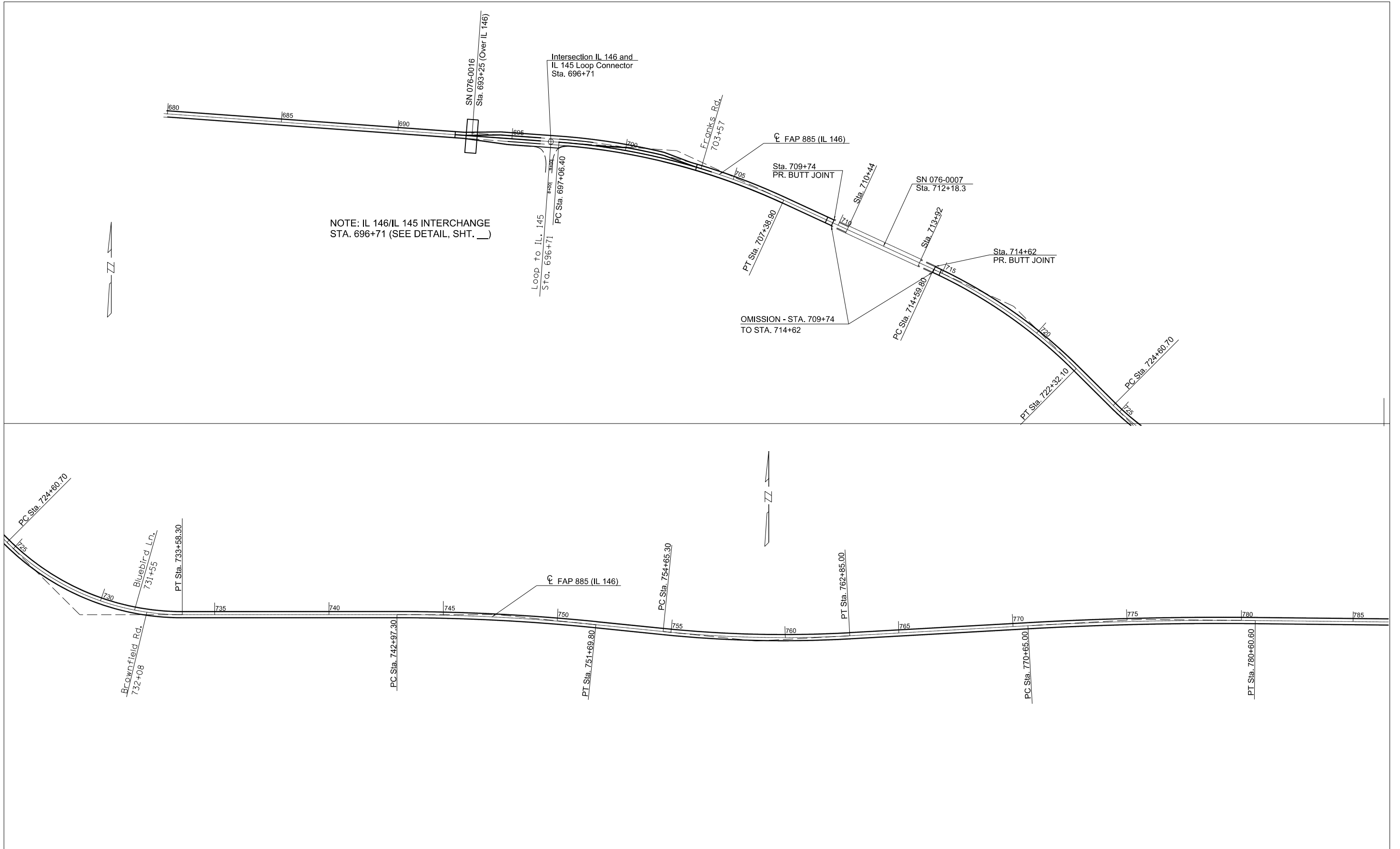


FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -
c:\pwwork\pwwork\mccordkr\ad0301510\78306-sht-plan.dgn		DRAWN -	REVISED -
PLOT SCALE = 400.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 6/12/2014		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN LAYOUT #1			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	(111.112)R5-2	POPE	23	13
CONTRACT NO. 78306				
ILLINOIS FED. AID PROJECT				



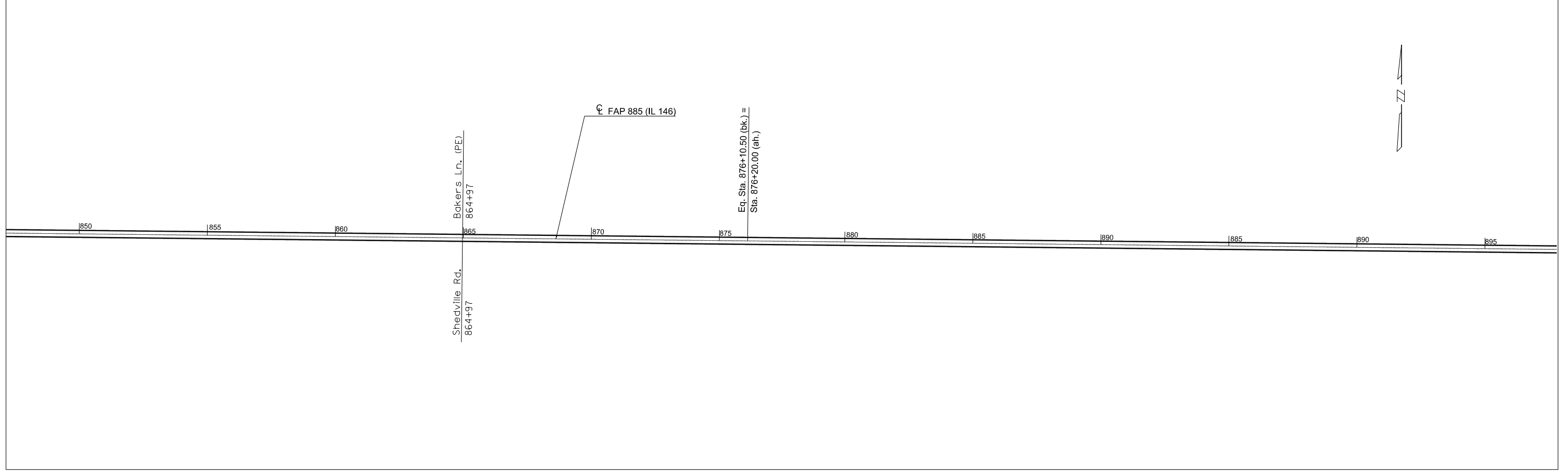
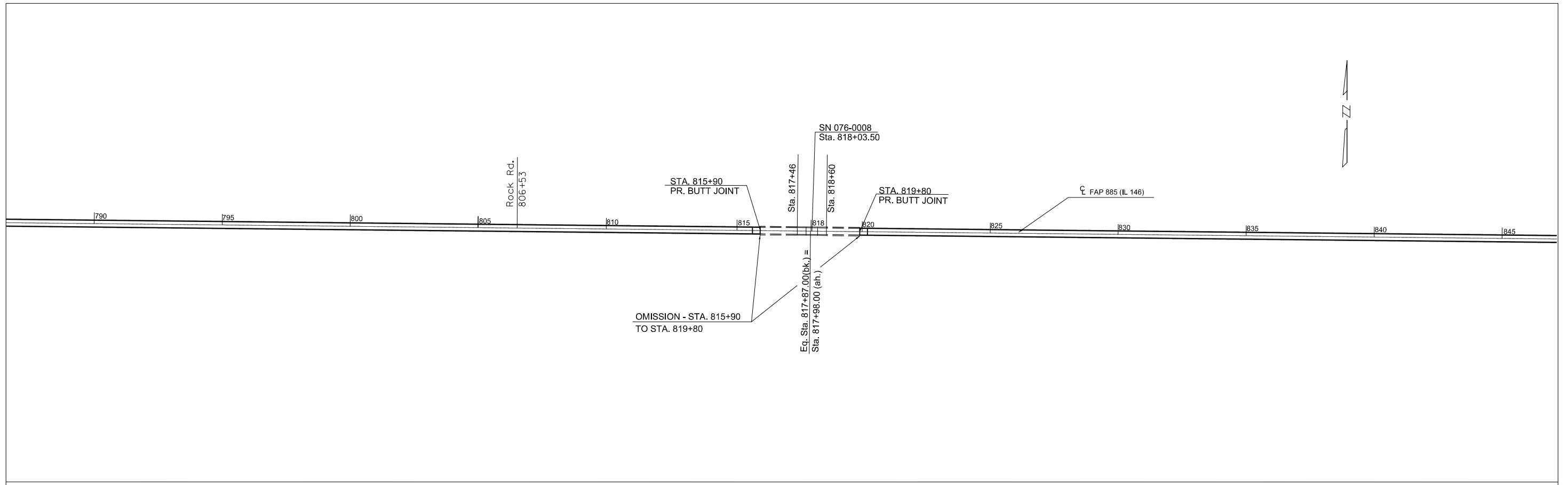
NOTE: IL 146/IL 145 INTERCHANGE STA. 696+71 (SEE DETAIL, SHT.)

FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -
c:\pwork\pwork\mccordkr\d0301510\78306-sht-plan.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN LAYOUT #2			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	(111.112)R5-2	POPE	23	14
CONTRACT NO. 78306				
ILLINOIS FED. AID PROJECT				

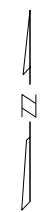
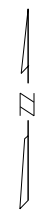
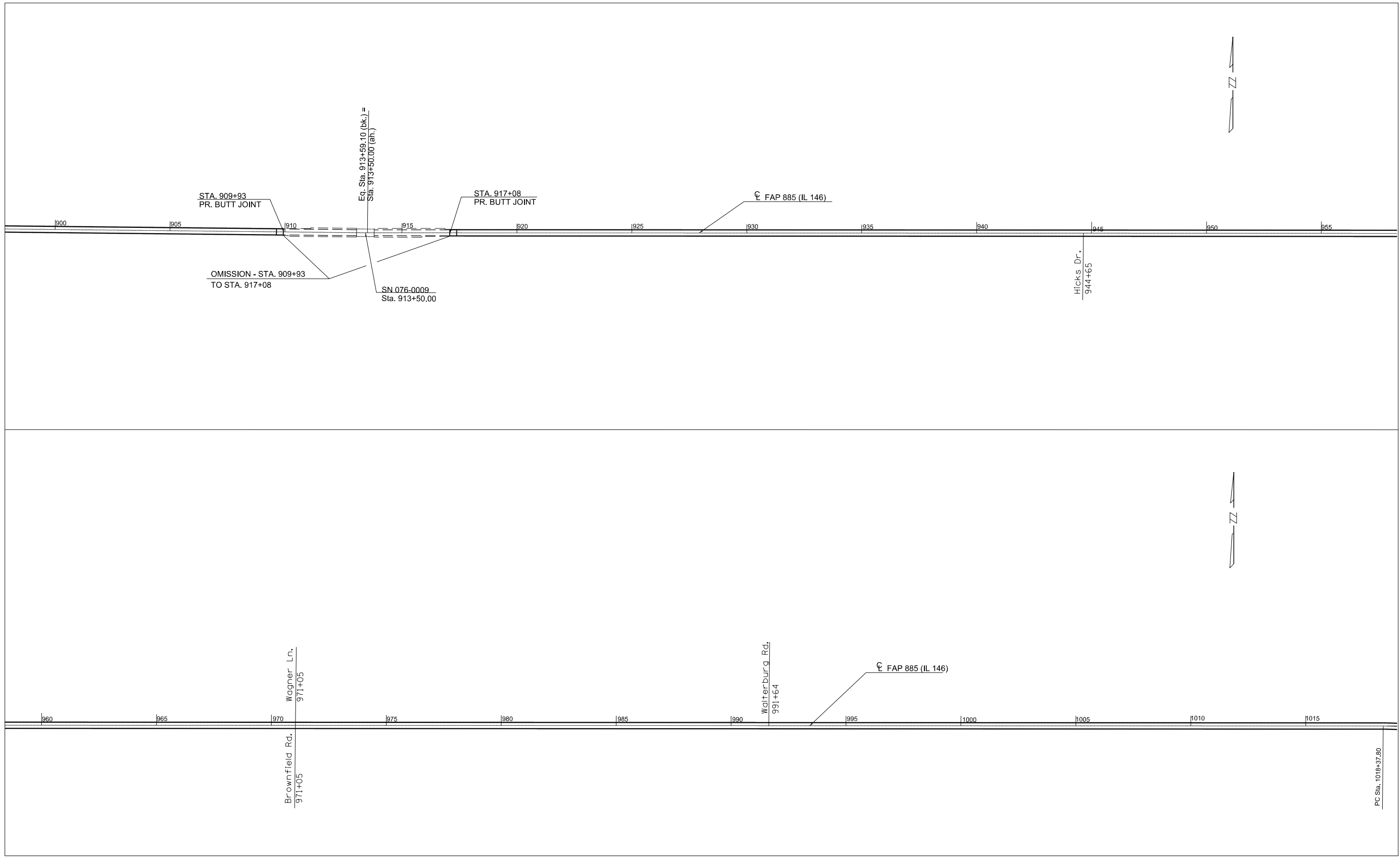


FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -
c:\pwworksp\p1dot\mccordkr\ad0301510\78306-sht-plan.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN LAYOUT #3			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	(111.112)R5-2	POPE	23	15
CONTRACT NO. 78306				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -
et:\pwork\pwork\mcoordkr\ad0301510\78306-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 400.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/12/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN LAYOUT #4			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	(111.112)R5-2	POPE	23	16
CONTRACT NO. 78306				
ILLINOIS FED. AID PROJECT				

PC Sta. 1018+37.80



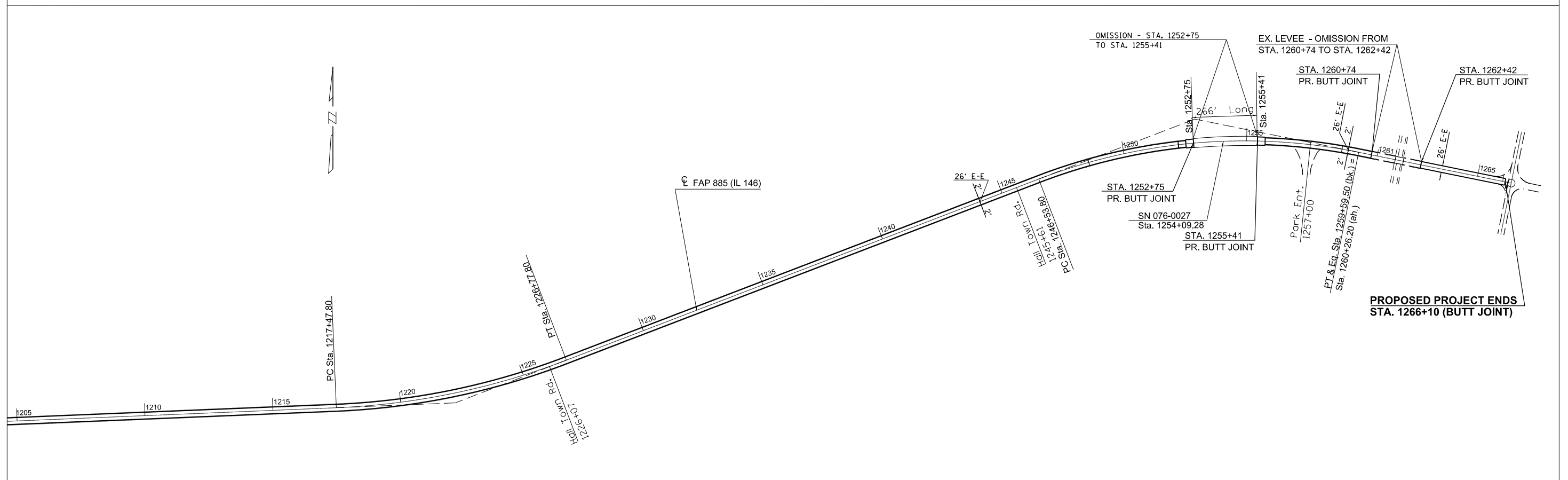
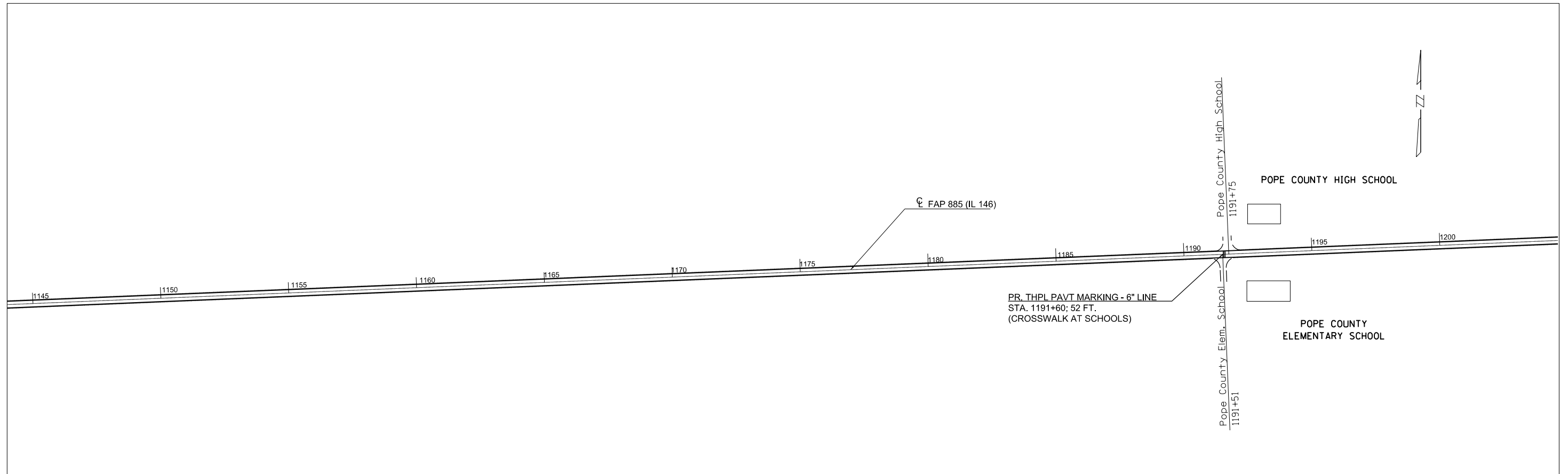
FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -
c:\pwwork\pwwork\mccordkr\ad0301510\78306-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 400.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/12/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN LAYOUT #5

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	(111.112)RS-2	POPE	23	17
CONTRACT NO. 78306				
ILLINOIS FED. AID PROJECT				

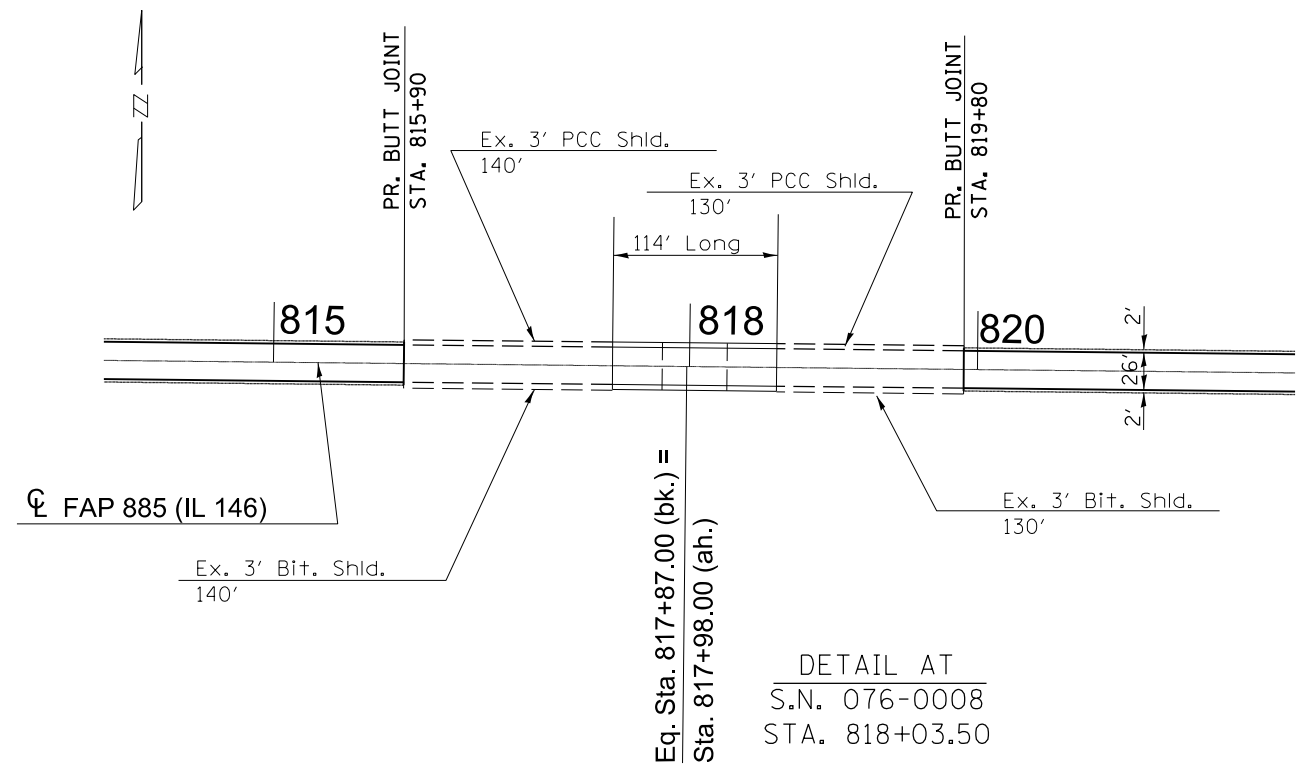
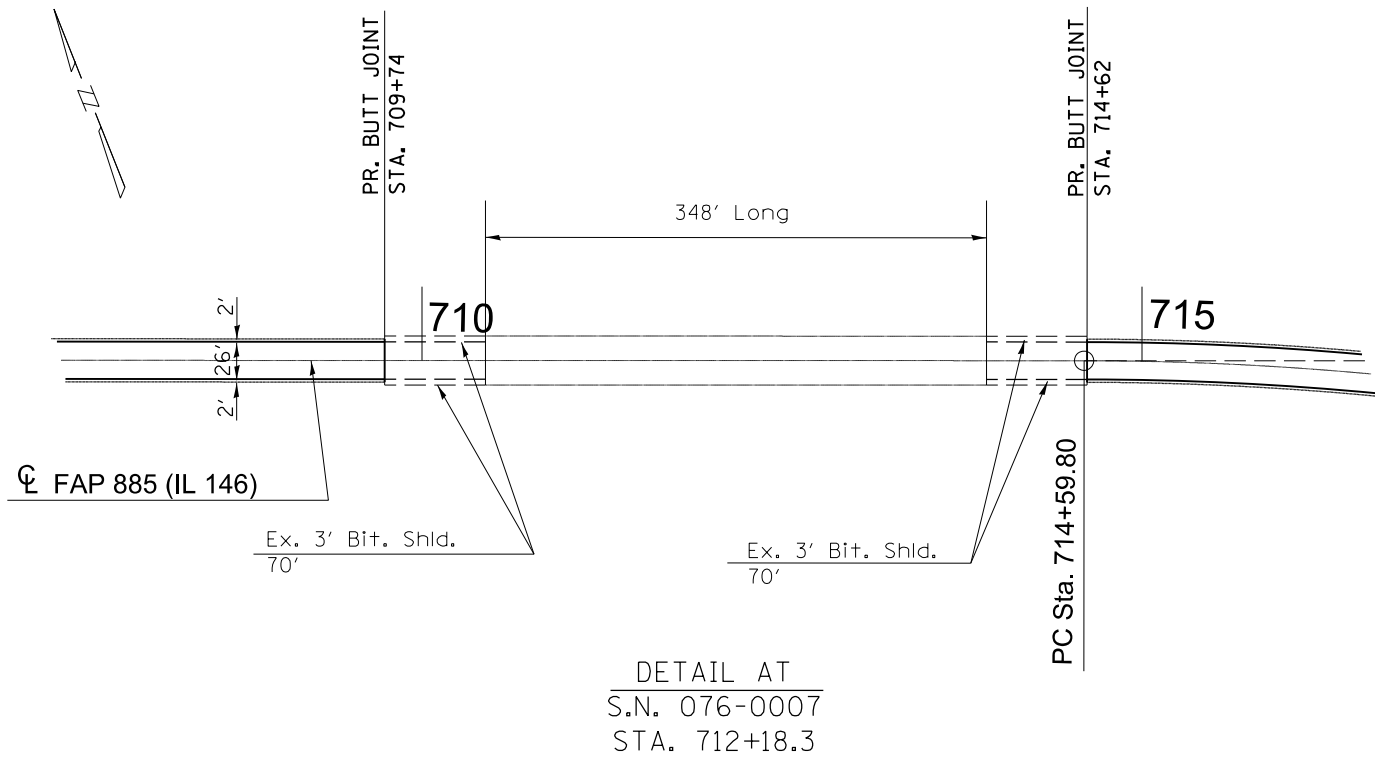
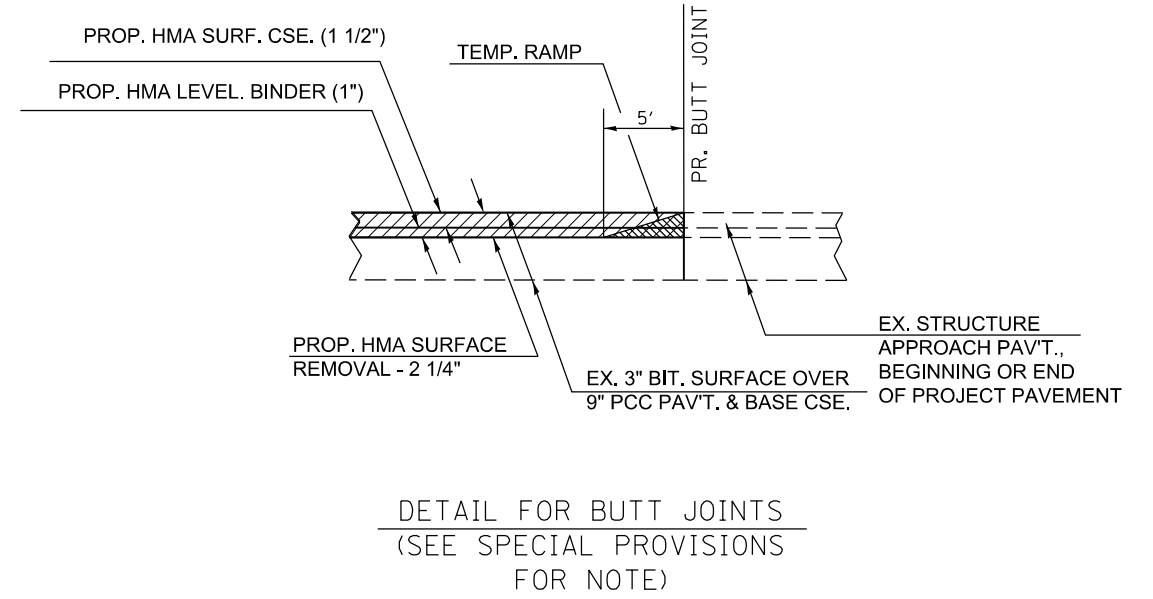
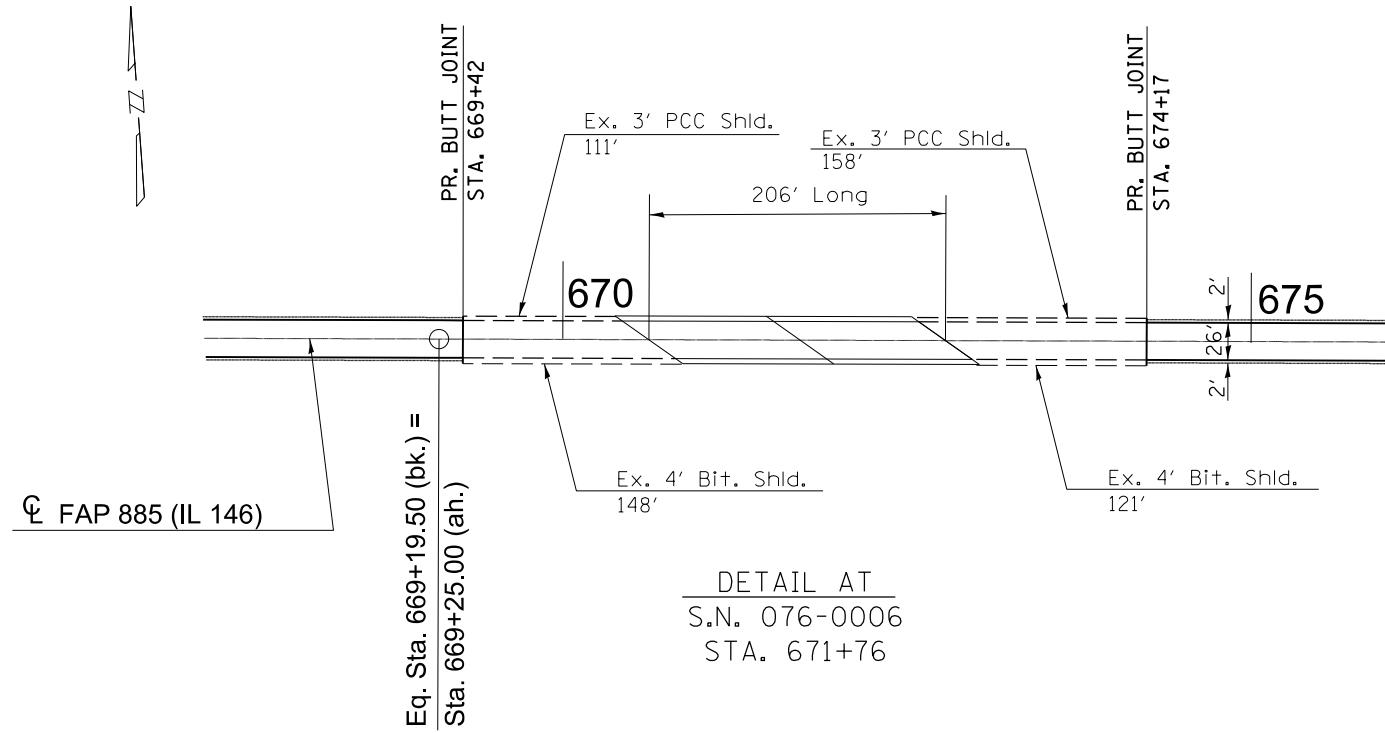


FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -
c:\pwork\pwork\mccordkr\ad0301510\78306-sht-plan.dgn		DRAWN -	REVISED -
PLOT SCALE = 400.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 6/12/2014		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN LAYOUT #6			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	(111.112)RS-2	POPE	23	18
CONTRACT NO. 78306				
ILLINOIS FED. AID PROJECT				

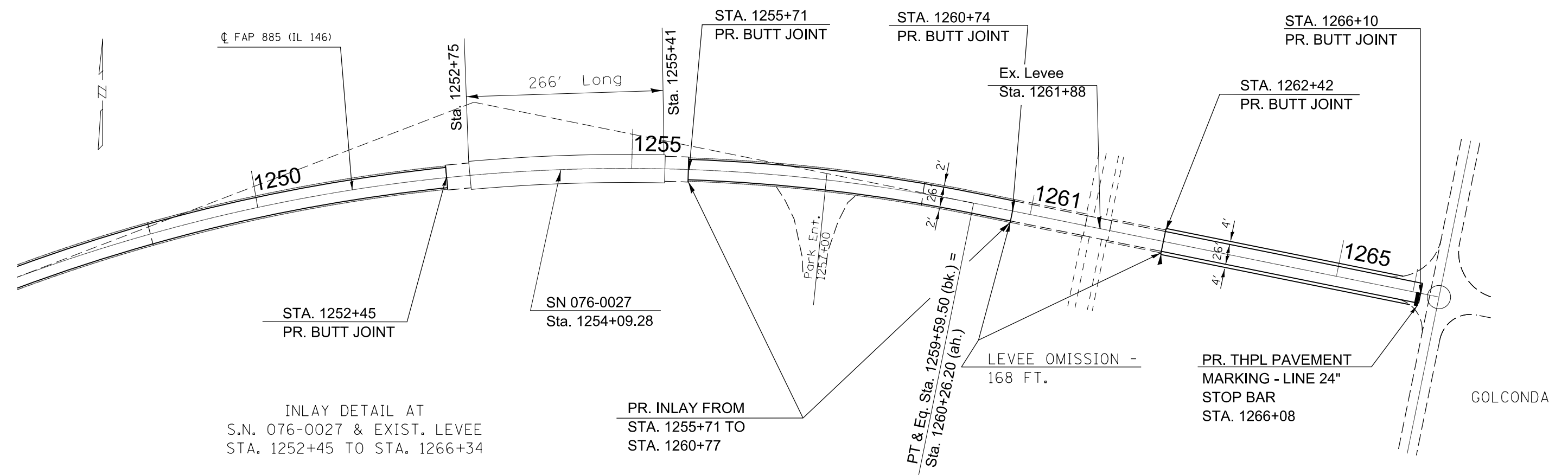
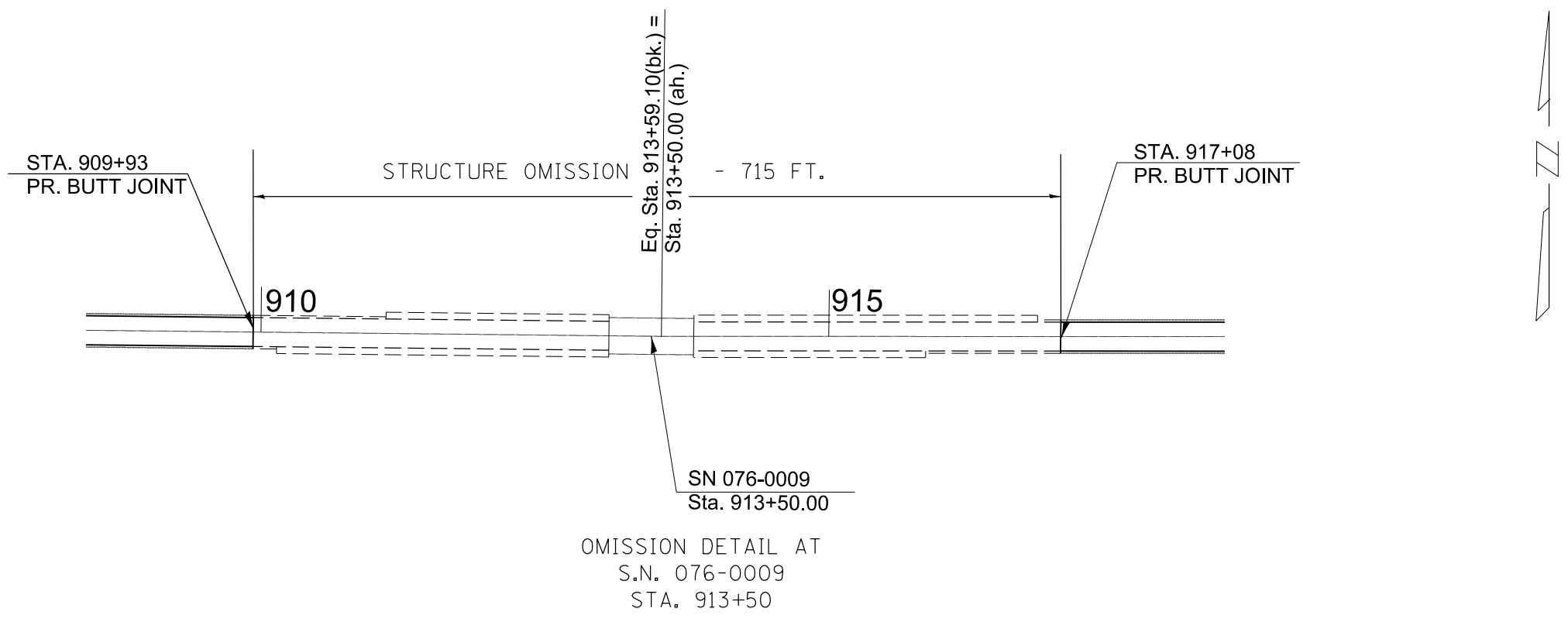


FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -
ei:\pwork\pwork\mccordkr\d0301510\78306-sht-plen.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 389.7434' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/12/2014	DATE -	REVISED -

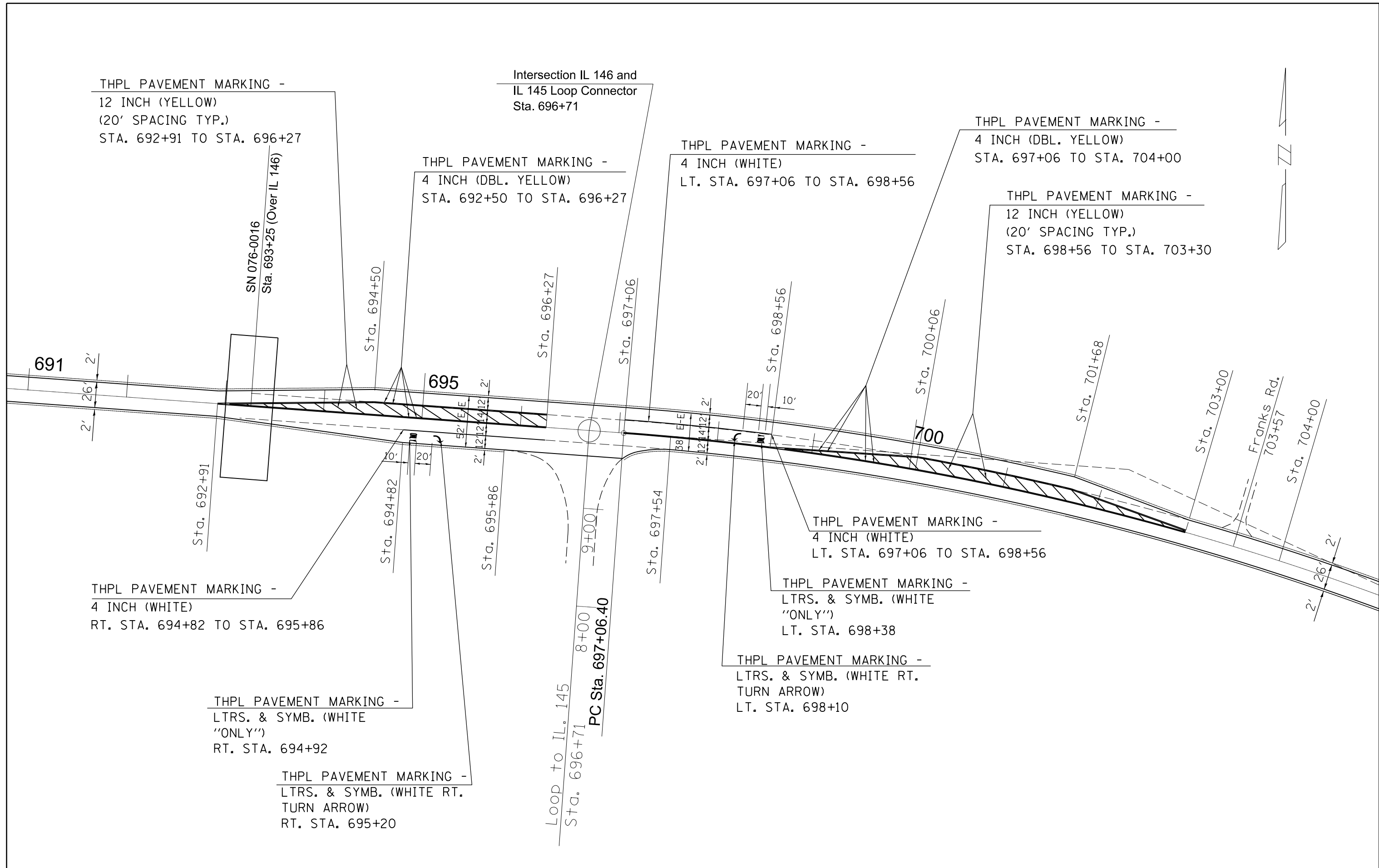
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS: BUTT JOINTS AT STRUCTURES, BEGINNING AND END OF PROJECT			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	(111.112)R5-2	POPE	23	19
CONTRACT NO. 78306				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL: BUTT JOINTS AT STRUCTURES AND LEVEE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\id\mccordkr\ad0301510\78306-sht-plan.dgn		DRAWN -	REVISED -		885	(111.112)R5-2	POPE	23	20				
Default	PLOT SCALE = 389.7434' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 78306				
	PLOT DATE = 6/12/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



THPL PAVEMENT MARKING -
 12 INCH (YELLOW)
 (20' SPACING TYP.)
 STA. 692+91 TO STA. 696+27

Intersection IL 146 and
 IL 145 Loop Connector
 Sta. 696+71

THPL PAVEMENT MARKING -
 4 INCH (DBL. YELLOW)
 STA. 692+50 TO STA. 696+27

THPL PAVEMENT MARKING -
 4 INCH (WHITE)
 LT. STA. 697+06 TO STA. 698+56

THPL PAVEMENT MARKING -
 4 INCH (DBL. YELLOW)
 STA. 697+06 TO STA. 704+00

THPL PAVEMENT MARKING -
 12 INCH (YELLOW)
 (20' SPACING TYP.)
 STA. 698+56 TO STA. 703+30

THPL PAVEMENT MARKING -
 4 INCH (WHITE)
 RT. STA. 694+82 TO STA. 695+86

THPL PAVEMENT MARKING -
 4 INCH (WHITE)
 LT. STA. 697+06 TO STA. 698+56

THPL PAVEMENT MARKING -
 LTRS. & SYMB. (WHITE
 "ONLY")
 LT. STA. 698+38

THPL PAVEMENT MARKING -
 LTRS. & SYMB. (WHITE RT.
 TURN ARROW)
 LT. STA. 698+10

THPL PAVEMENT MARKING -
 LTRS. & SYMB. (WHITE
 "ONLY")
 RT. STA. 694+92

THPL PAVEMENT MARKING -
 LTRS. & SYMB. (WHITE RT.
 TURN ARROW)
 RT. STA. 695+20

Loop to IL. 145
 Sta. 696+71
 8+00
 PC Sta. 697+06.40

FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -
ei:\pw\work\p\idot\mccordkr\ad0301510\78306-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 389.7434' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/12/2014	DATE -	REVISED -

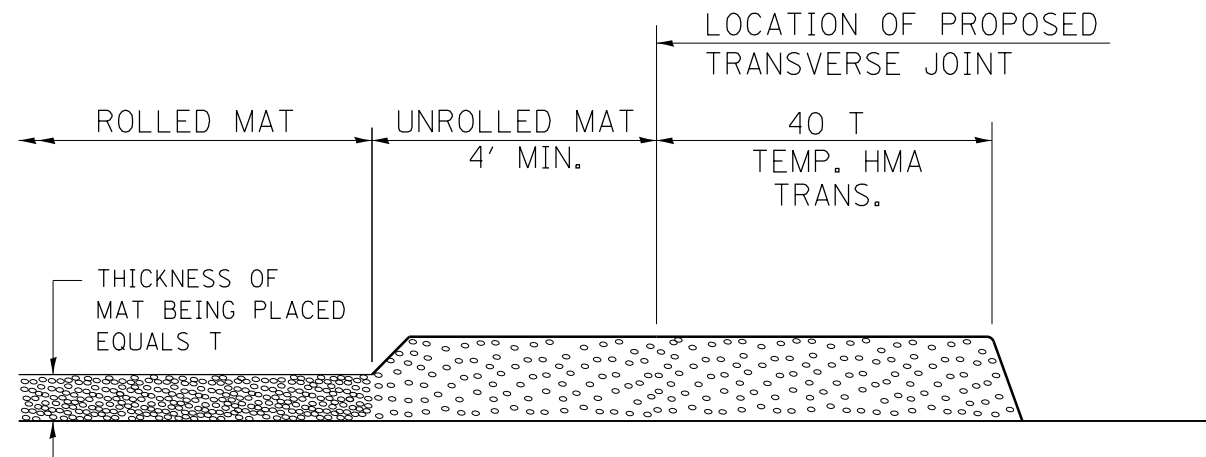
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL AT
 IL 146 AND IL 145**

SCALE: SHEET OF SHEETS STA. TO STA.

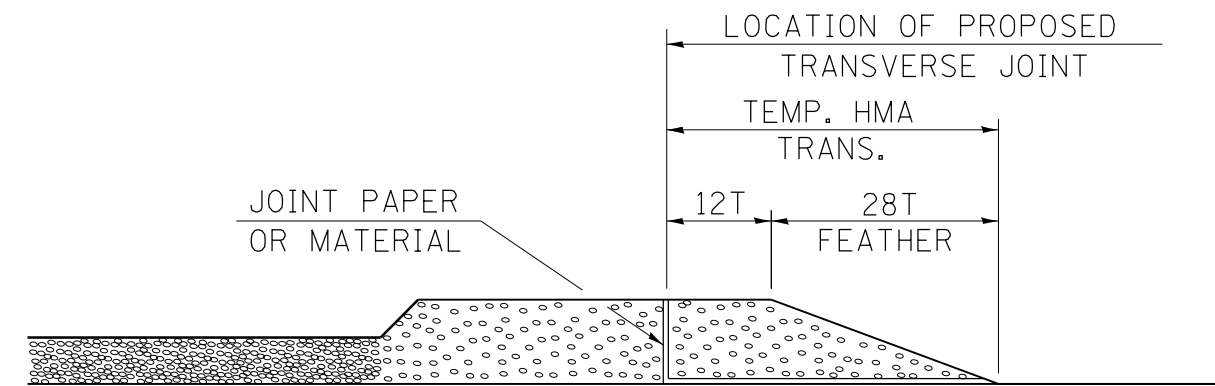
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	(111.112)R5-2	POPE	23	21
CONTRACT NO. 78306				
ILLINOIS FED. AID PROJECT				

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



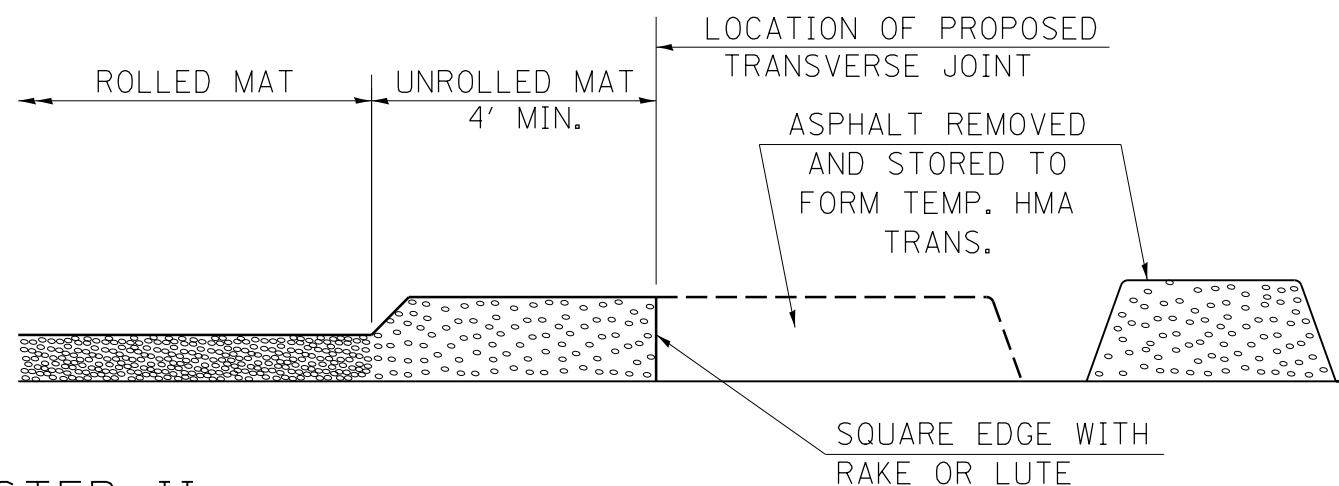
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



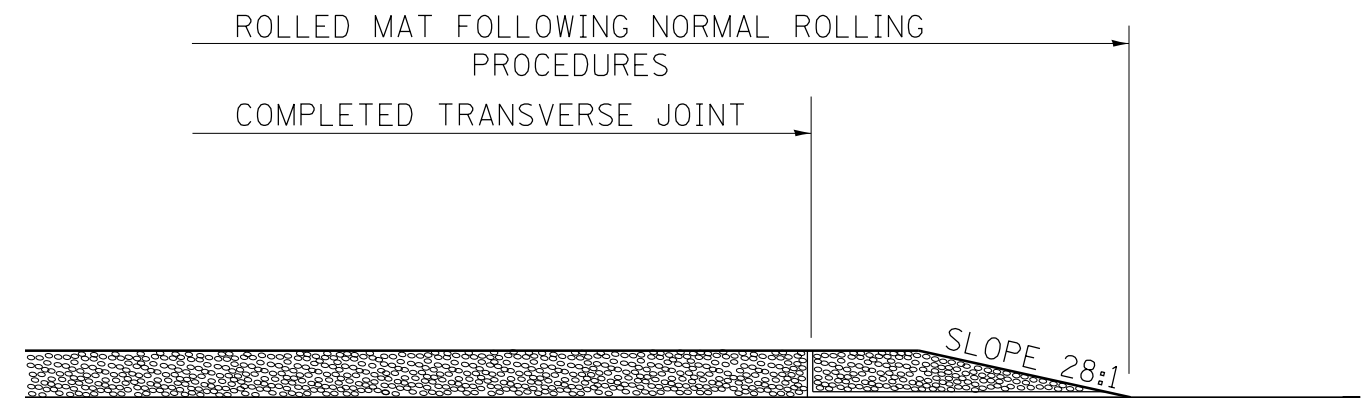
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

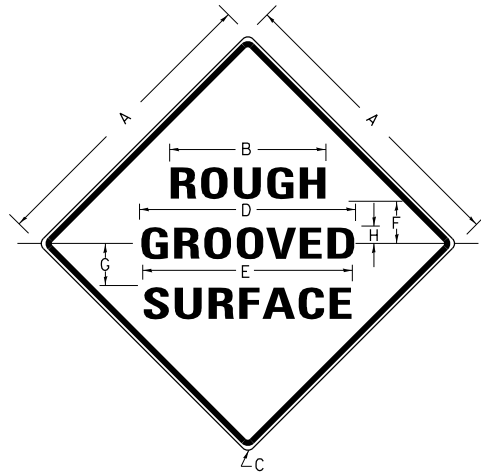
REVISIONS

REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13

STD. 9-26

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMP. HOT-MIX ASPHALT TRANSITIONS				F.A.P. RTE. 885	SECTION (111,112)RS-2	COUNTY POPE	TOTAL SHEETS 23	SHEET NO. 22
ct:\pw\work\pwwdot\mcoordkr\d0301510\78306-sh1-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 78306		
	PLOT SCALE = 389.7434' / in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
	PLOT DATE = 6/12/2014	DATE -	REVISED -										

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

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

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

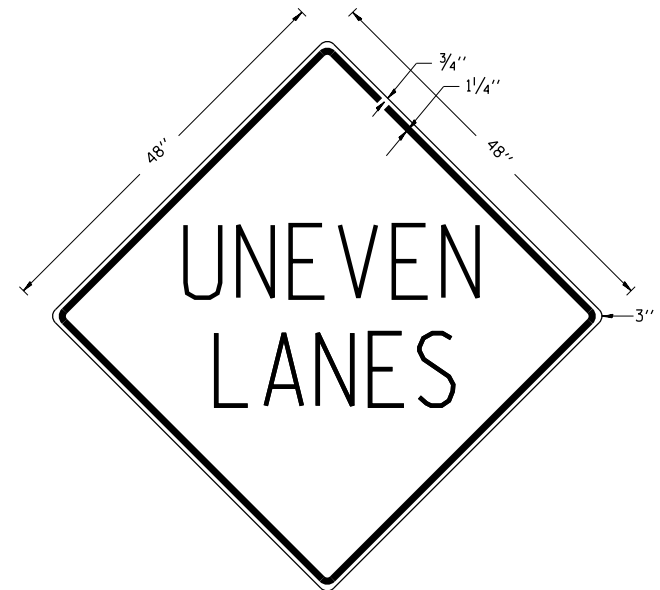
REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

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

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

STD. 9-41

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -
ct:\pw\work\pwrtdot\mcoordkr\d0301510\78306-sht-pln.dgn		DRAWN -	REVISED -
PLOT SCALE = 389.7434 ' / in.		CHECKED -	REVISED -
PLOT DATE = 6/12/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNS: ROUGH GROOVED SURFACE,
UNEVEN LANES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	(111,112)RS-2	POPE	23	23
CONTRACT NO. 78306				
ILLINOIS FED. AID PROJECT				