

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

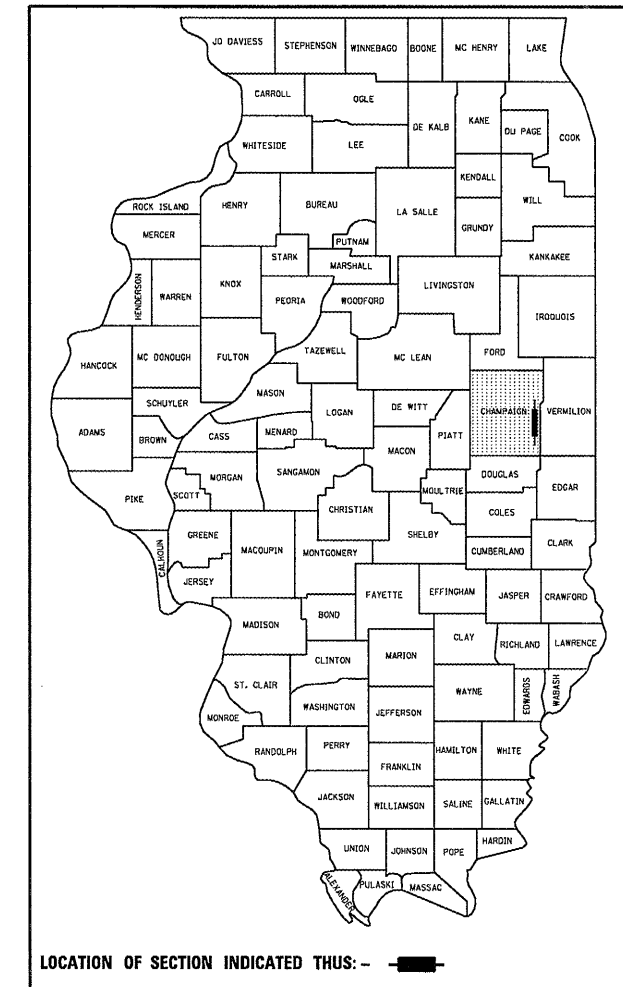
F.A.P. ROUTE 836 (IL 49)
SECTION 119 RS-4 & 119Z RS-2
PROJECT ESP-0836(028)
CHAMPAIGN COUNTY

RESURFACING (3P) FROM U.S. 150 AT OGDEN
TO SCL OF HOMER

C-95-012-07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119 RS-4 & 119Z RS-2	CHAMPAIGN	26	1
		ILLINOIS	CONTRACT NO. 70642	

D-95-012-07



FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

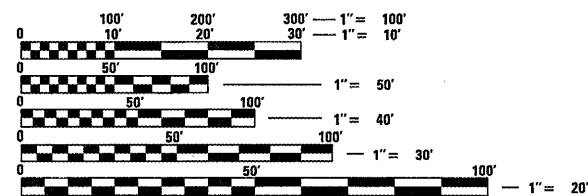
HMA RESURFACING (2.25") ON STRUCTURES
S.N. 010-8102
S.N. 010-8606

CURRENT ADT

SCL OF HOMER TO FAS 512 = 2,750 (2009)
FAS 512 TO US 150 = 3,300 (2009)

DESIGN DESIGNATION

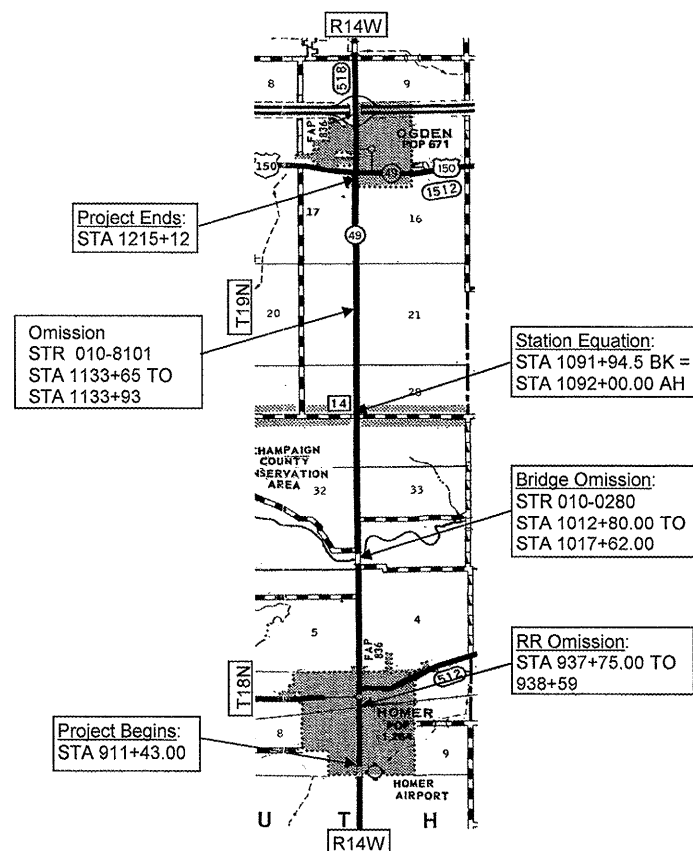
N/A



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

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

PROJECT ENGINEER: KEVIN TRAPP
PROJECT MANAGER: CHRIS GREESON
DESIGNER: AMBER WEISER
217-465-4181
CONTRACT NO. 70642



GROSS LENGTH = 30,363.50 FT. = 5.751 MILES
NET LENGTH = 29,769.50 FT. = 5.638 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Z/G* 20 09
Joseph E. Zuber, Inc.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 13, 20 09
Charles J. Ingwersoll
ENGINEER OF DESIGN AND ENVIRONMENT
March 13, 20 09
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF HIGHWAY STANDARDS
3	GENERAL NOTES
4 - 5	SUMMARY OF QUANTITIES
6 - 9	EXISTING TYPICAL CROSS SECTIONS
10 - 13	PROPOSED TYPICAL CROSS SECTIONS
14 - 18	SCHEDULE OF QUANTITIES
19	TRANSITION DETAIL AT STRUCTURE 010-0280
20	TRANSITION DETAIL AT STRUCTURE 010-8101
20	TRANSITION DETAIL AT END OF PROJECT
21	DETAIL OF SIDEROAD RETURNS
22	DETAIL OF PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING
23 - 26	TYPICAL APPLICATION OF PAVEMENT MARKINGS AND MARKERS

HIGHWAY STANDARDS

STANDARD NUMBER	DESCRIPTION OF STANDARD
001006	DECIMAL OF AN INCH AND OF A FOOT
701006-03	OFF- ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≤ 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≤ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS- DAY ONLY
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME : c:\pw_work\PIWIDOT\PIERSONBR\0117734\d5	USER NAME : piersonbr 0642-shr-gennote.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & HIGHWAY STANDARDS	F.A.P. RTE. 836	SECTION 119RS-4 & 119Z RS-2	COUNTY Champaign	TOTAL SHEETS 26	SHEET NO. 2
PLOT SCALE = 40.0000' / 1" IN.	PLOT DATE = 2/6/2009	CHECKED - DATE -	REVISED - REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 70642 ILLINOIS FED. AID PROJECT				

GENERAL NOTES

G.N.-100

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-107.12

THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Mr. T Brian Matthews
Assistant Division Engineer
Norfolk Southern Railway Company
1735 East Condit Street
Decatur, IL. 62521
217-425-2037

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:

Mr. Ken Michael
Norfolk Southern Railway Company
P.O. Box 242
Sidney, IL. 61877
(217) 425-2130

G.N.-406

THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406.05b

ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

GN 406H Mixture Requirements Contract: 70642

Location	IL 49	IL 49	IL 49
Mixture Use	Level Binder	Surface	Partial Depth Patch
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (Max)	15	10	15
Design Air Voids	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
Mix Comp(Gradation)	IL 9.5	IL 9.5	IL 19.0
Friction Aggregate	Mix C	Mix C	N.A.

G.N.-442B – PATCHING SCHEDULES

THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-667

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC S, PT S, AND PI S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR SETTING THESE MARKERS.

G.N.-703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

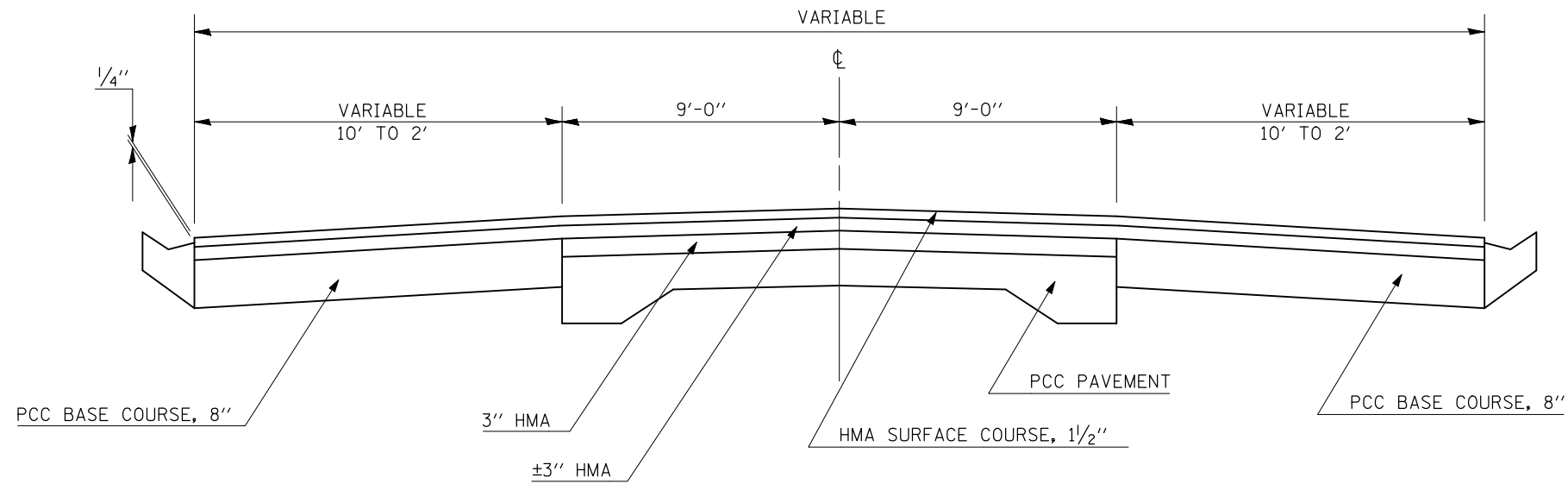
G.N.-1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

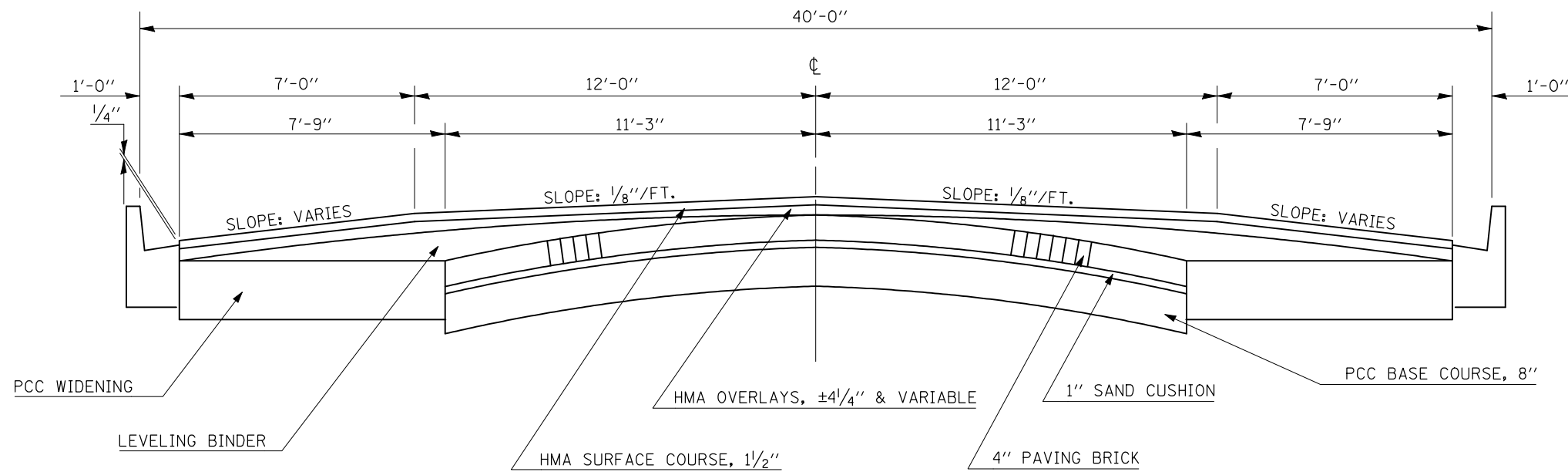
NO COMMITMENTS

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\work\PIWIDOT\PIERSONBR\0117734\d5	0642-sh1-gennote.dgn	DRAWN -	REVISED -			836	119RS-4 & 119Z RS-2	Champaign	26	3	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 70642					
	PLOT DATE = 2/6/2009	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

**EXISTING TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 911+29.60 TO STA. 911+79.60**



**EXISTING TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 911+79.60 TO STA. 933+37.00**



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	PLOT DATE = 2/6/2009	DATE -	REVISED -

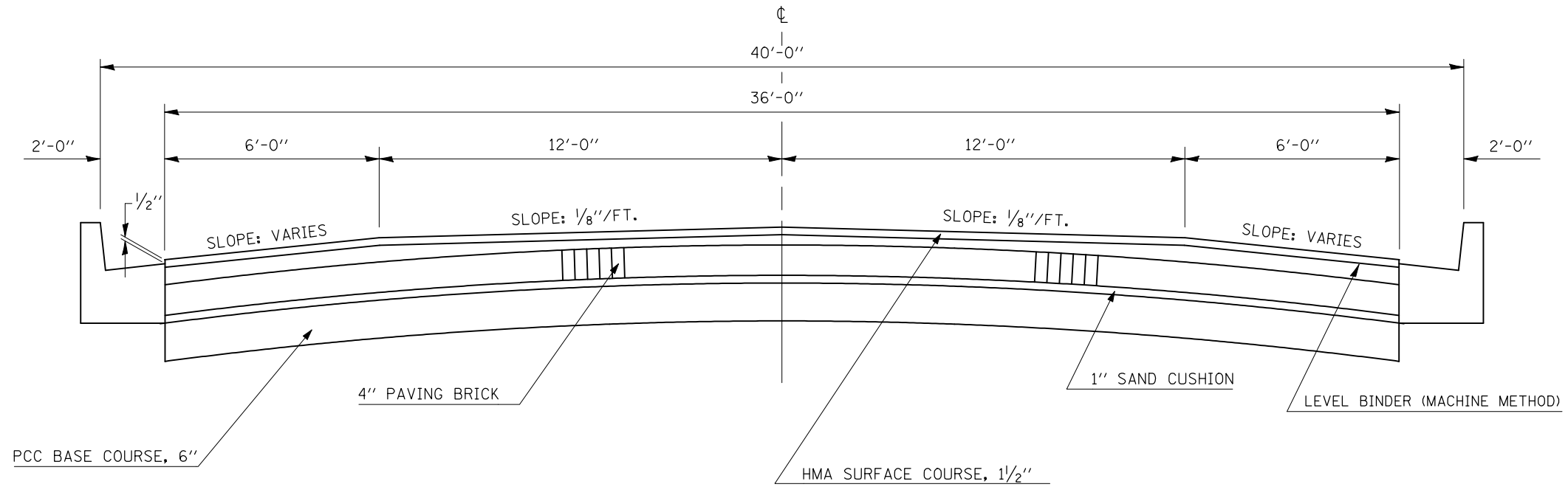
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS

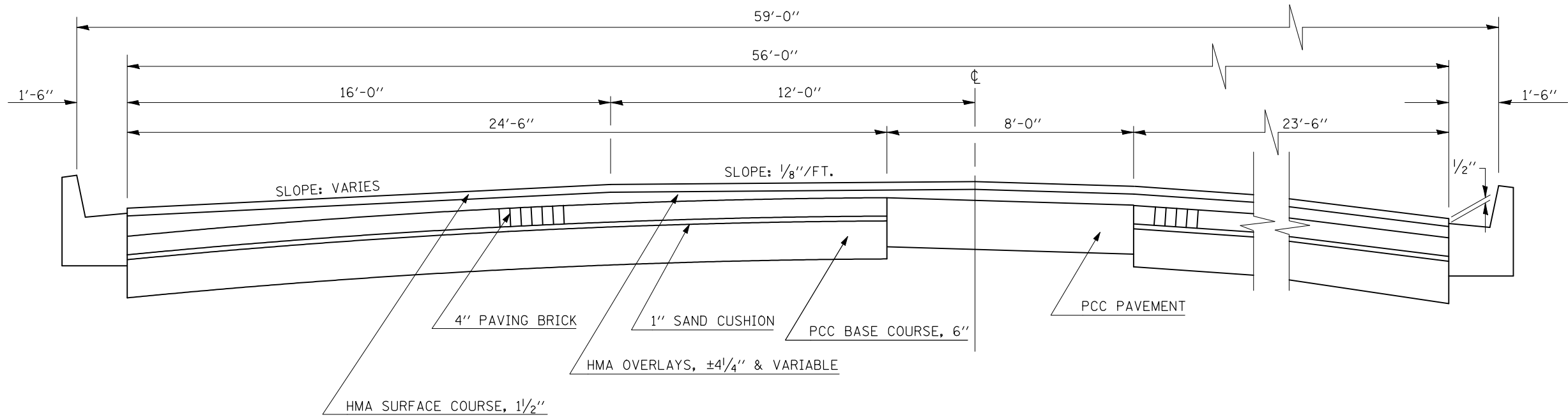
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119RS-4 & 119Z RS-2	Champaign	26	6
CONTRACT NO. 70642			ILLINOIS FED. AID PROJECT	

**EXISTING TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 933+37.00 TO STA. 937+75.00 (RAILROAD OMISSION)**



**EXISTING TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 938+59.00 TO STA. 939+76.00**



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	PLOT DATE = 2/6/2009	DATE -	REVISED -

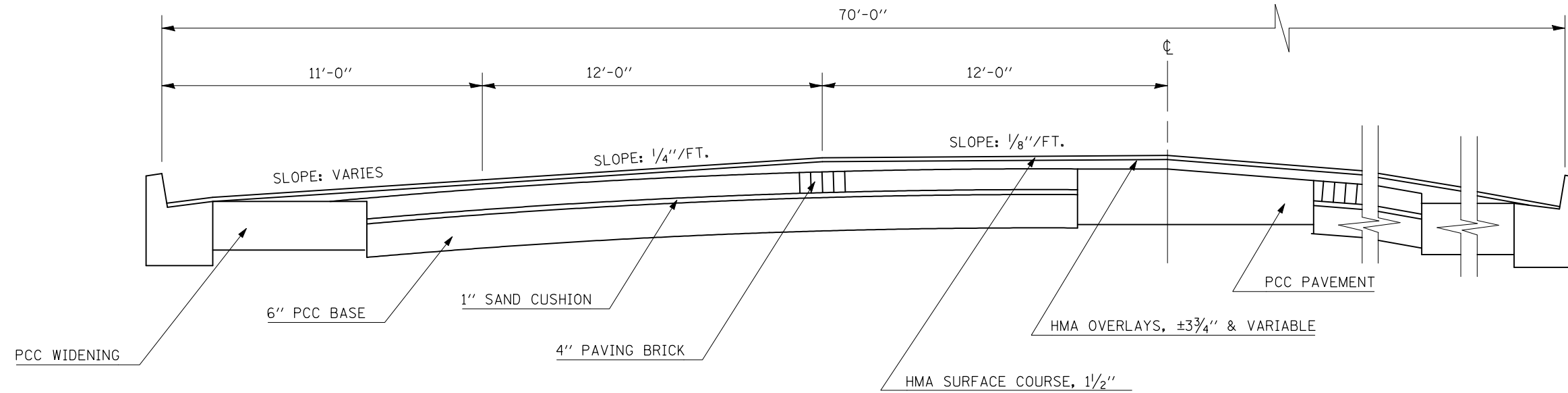
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS

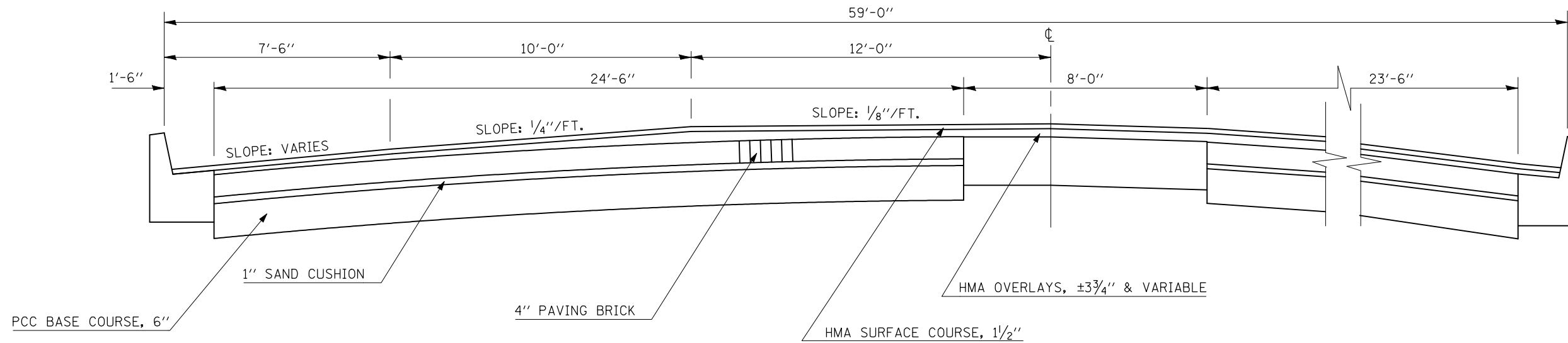
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119RS-4 & 119Z RS-2	Champaign	26	7
CONTRACT NO. 70642			ILLINOIS FED. AID PROJECT	

**EXISTING TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 939+76.00 TO STA. 943+62.00**



**EXISTING TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 943+62.00 TO STA. 947+08.00**



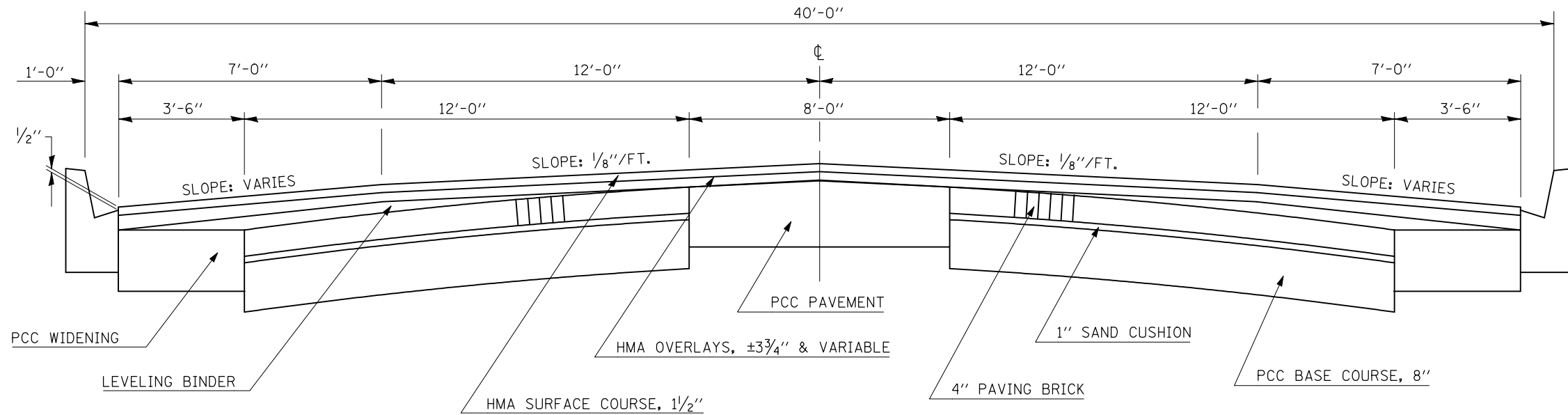
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	PLOT DATE = 2/6/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

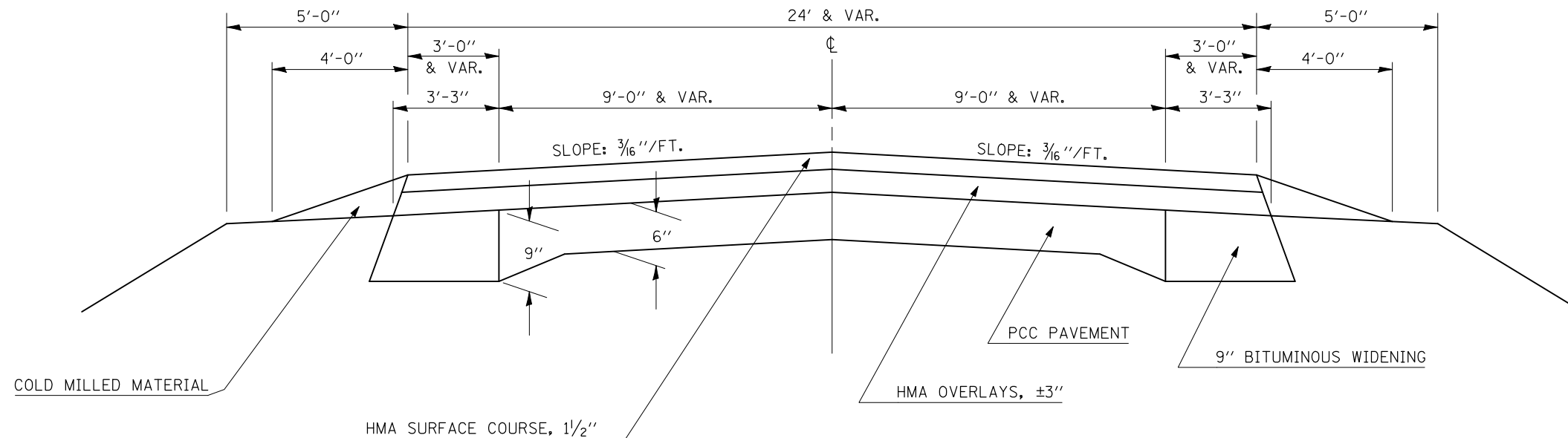
EXISTING TYPICAL CROSS SECTIONS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119RS-4 & 119Z RS-2	Champaign	26	8
CONTRACT NO. 70642			ILLINOIS FED. AID PROJECT	

**EXISTING TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 947+08.00 TO STA. 956+24.40**

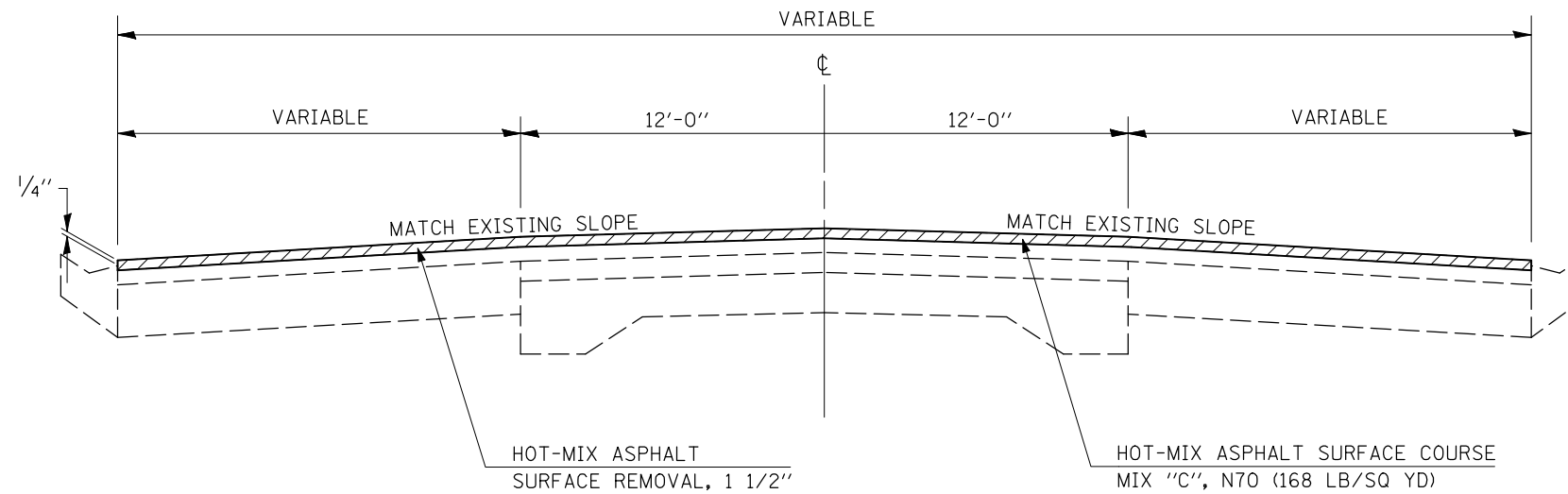


**EXISTING TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 956+24.40 TO STA. 1012+80.00 (S.N. 010-0280 OMISSION)
STA. 1017+62.00 TO STA. 1091+94.50 (BK)
(AH) STA. 1092+00.00 TO STA. 1133+65.00 (S.N. 010-8101 OMISSION)
STA. 1133+93.00 TO STA. 1215+12.00**

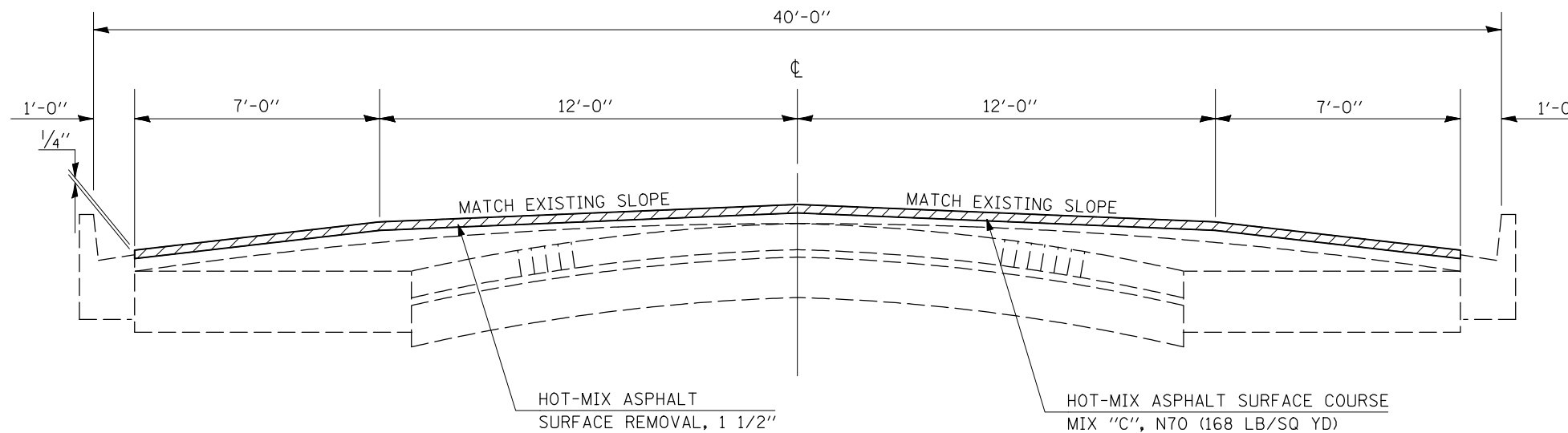


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et\pw\work\PIWIDOT\PIERSONBR\d011734\d5	0642-shr-typical.dgn	DRAWN -	REVISED -		836	119RS-4 & 119Z RS-2	Champaign	26	9				
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	PLOT DATE = 2/6/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

**PROPOSED TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 911+29.60 TO STA. 911+79.60**

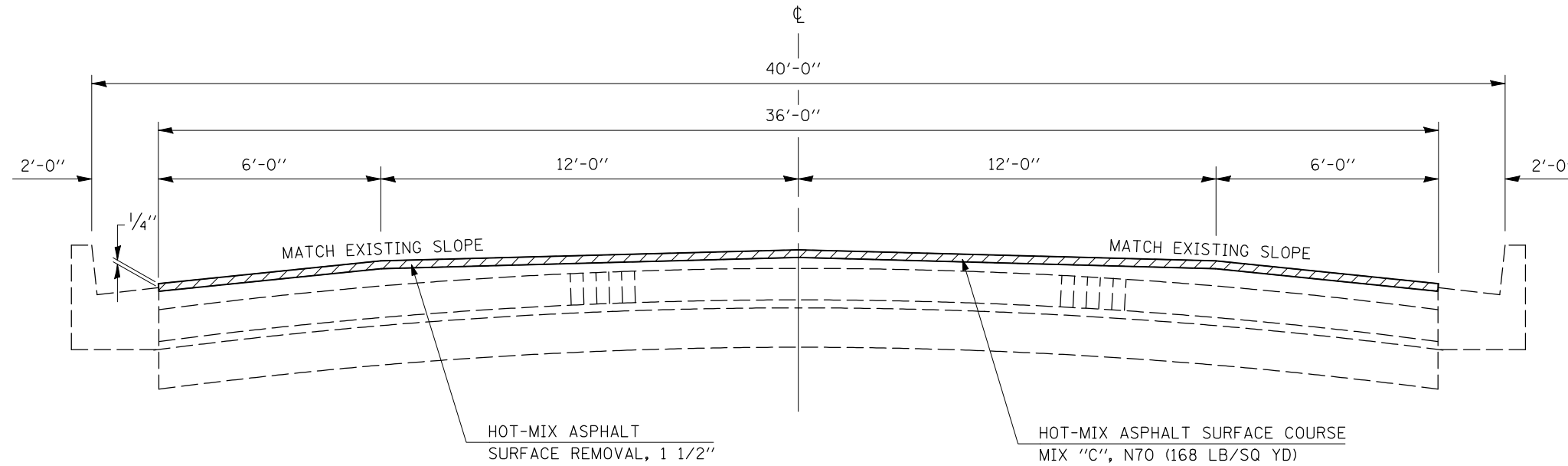


**PROPOSED TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 911+79.60 TO STA. 933+37.00**

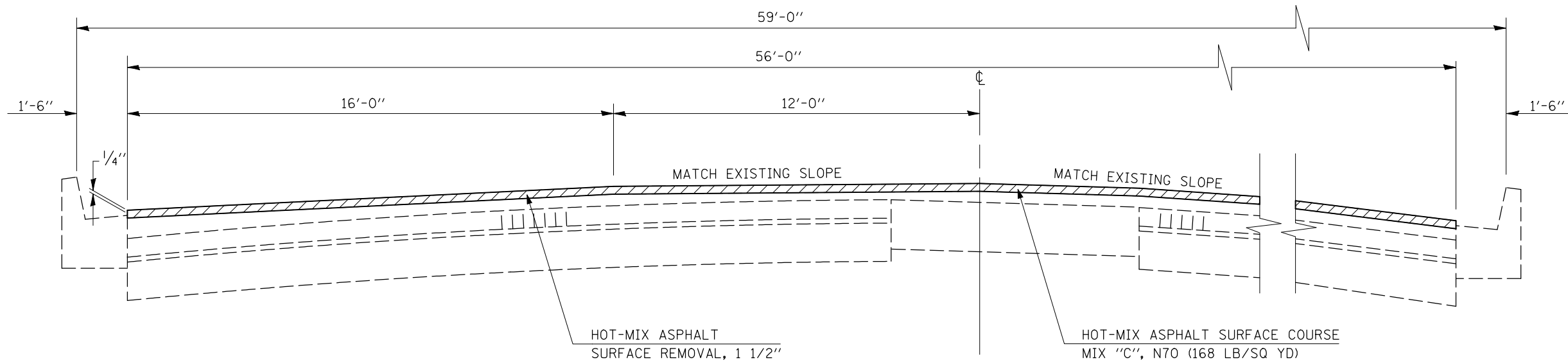


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ct:\pw\work\PIWIDOT\PIERSONBR\d0117734\d5	0642-shr-typical.dgn	DRAWN -	REVISED -						836	119RS-4 & 119Z RS-2	Champaign	26	10
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 70642				
	PLOT DATE = 2/6/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

**PROPOSED TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 933+37.00 TO STA. 937+75.00 (RAILROAD OMISSION)**

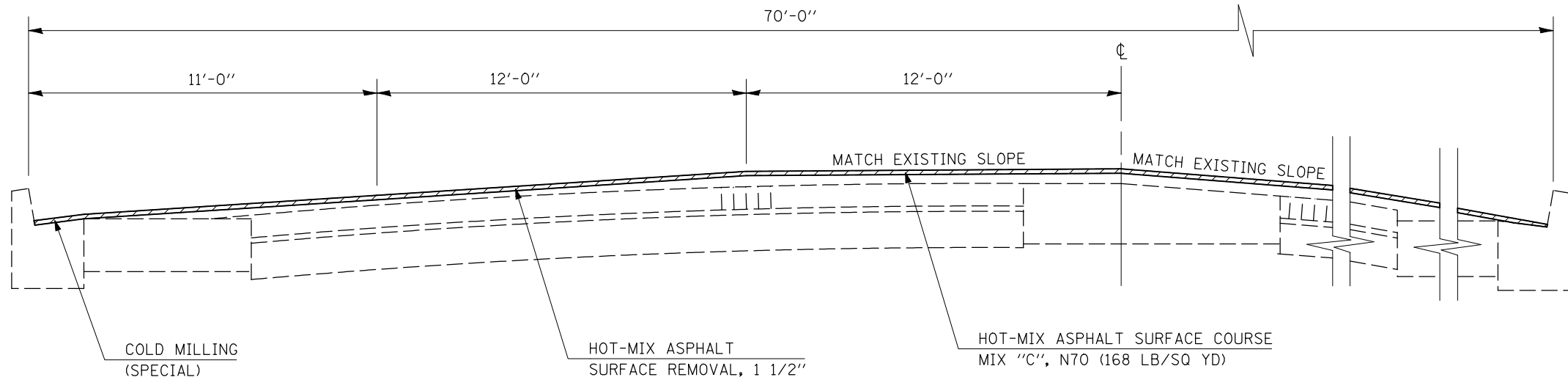


**PROPOSED TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 938+59.00 TO STA. 939+76.00**

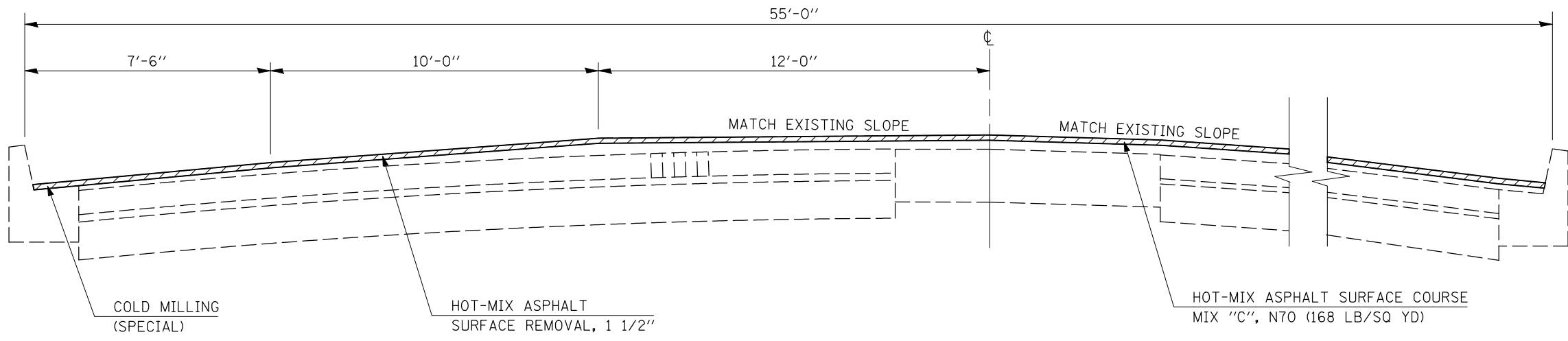


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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 70642				
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**PROPOSED TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 939+76.00 TO STA. 943+62.00**

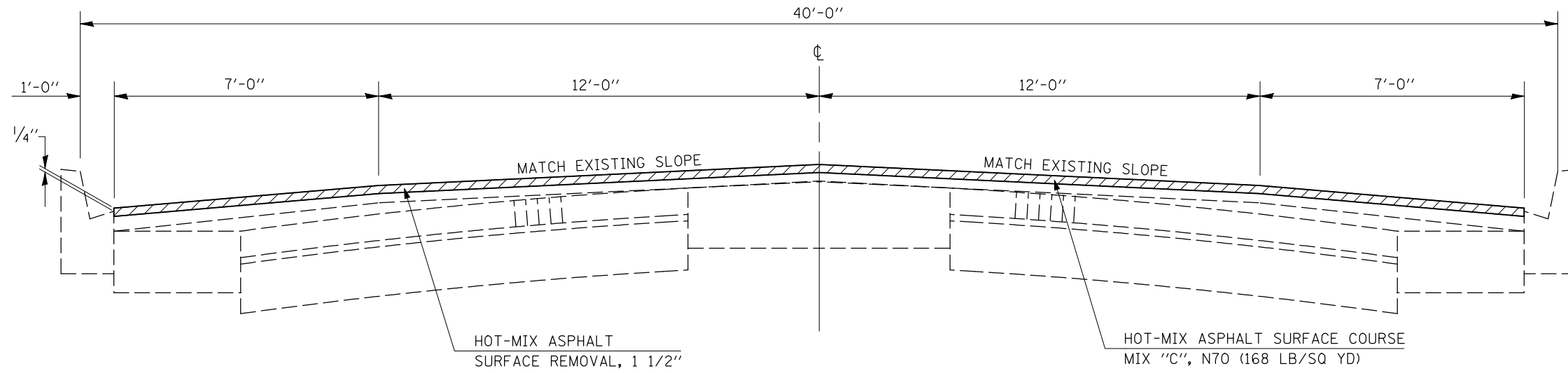


**PROPOSED TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 943+62.00 TO STA. 947+08.00**

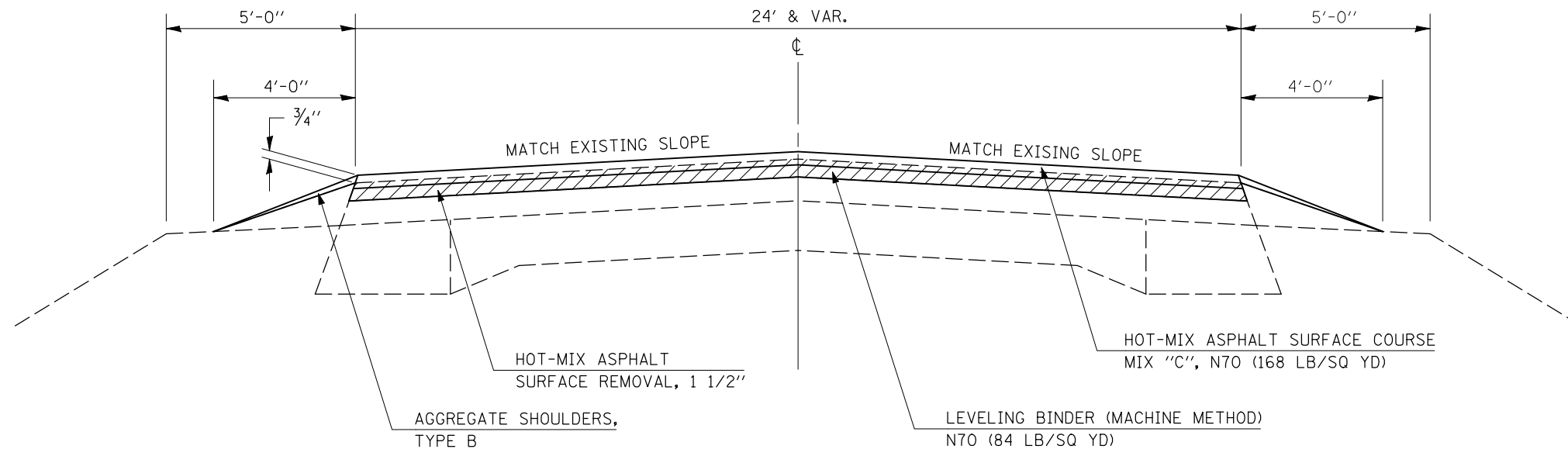


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et:\pwork\PIWIDOT\PIERSONBR\d011734\d5	0642-shr-typical.dgn	DRAWN -	REVISED -						836	119RS-4 & 119Z RS-2	Champaign	26	12
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE:				SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 70642
	PLOT DATE = 2/6/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

**PROPOSED TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 947+08.00 TO STA. 956+24.40**



**PROPOSED TYPICAL CROSS SECTION
F.A.P. 836 (IL49)
STA. 956+24.40 TO STA. 1012+80.00 (S.N. 010-0280 OMISSION)
STA. 1017+62.00 TO STA. 1091+94.50 (BK)
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et\pwork\pwork\PIERSONBR\d011734\d5	0642-shr-typical.dgn	DRAWN -	REVISED -		836	119RS-4 & 119Z RS-2	Champaign	26	13				
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	PLOT DATE = 2/6/2009	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SHEET 1 OF 5

40600982 HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT

STATION	TO	STATION	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ YD)
IL 49 MAINLINE					
911+43.00		911+58.00	15.00	30.00	50.00
937+60.00		937+75.00	15.00	40.00	66.67
938+59.00		938+74.00	15.00	56.00	93.33
1012+65.00		1012+80.00	15.00	24.00	40.00
1017+62.00		1017+77.00	15.00	24.00	40.00
1133+50.00		1133+65.00	15.00	24.00	40.00
1133+93.00		1134+08.00	15.00	24.00	40.00
1214+97.00		1215+12.00	15.00	24.00	40.00
TOTAL =					410.00 SQ YD
USE =					410.00 SQ YD

* NOTE: SEE INCIDENTAL HOT-MIX ASPHALT SURFACING SCHEDULE FOR PRIVATE ENTRANCE QUANTITIES

44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

STATION	TO	STATION	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ YD)
911+58.00		911+79.60	21.60	30.00	72.00
911+79.60		933+37.00	2157.40	38.00	9,109.02
933+37.00		936+80.00	343.00	38.00	1,372.00
936+80.00		937+80.00	80.00	40.00	355.56
938+74.00		939+76.00	102.00	56.00	634.67
939+76.00		943+62.00	386.00	70.00	3,002.22
943+62.00		947+08.00	346.00	59.00	2,268.22
947+08.00		956+24.40	916.40	38.00	3,869.24
956+24.40		1012+65.00	5640.60	24.00	15,041.60
1017+77.00		1091+94.50 BK	7417.50	24.00	19,780.00
1092+00.00	AH	1133+50.00	4150.00	24.00	11,066.67
1134+08.00		1214+97.00	8089.00	24.00	21,570.67
TOTAL =					88,141.87 SQ YD
USE =					88,142.00 SQ YD

40600990 TEMPORARY RAMP

STATION		LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
911+43.00	RT	5.00	12.00	6.67
	LT	5.00	12.00	6.67
937+75.00	RT	5.00	18.00	10.00
	LT	5.00	18.00	10.00
938+59.00	RT	5.00	28.00	15.56
	LT	5.00	28.00	15.56
1012+80.00	RT	5.00	12.00	6.67
	LT	5.00	12.00	6.67
1017+77.00	RT	5.00	12.00	6.67
	LT	5.00	12.00	6.67
1133+65.00	RT	5.00	12.00	6.67
	LT	5.00	12.00	6.67
1133+93.00	RT	5.00	12.00	6.67
	LT	5.00	12.00	6.67
1215+12.00	RT	5.00	12.00	6.67
	LT	5.00	12.00	6.67
Madison	RT	5.00	24.00	13.33
Crittenden	RT	5.00	24.00	13.33
	LT	5.00	24.00	13.33
South	RT	5.00	24.00	13.33
	LT	5.00	24.00	13.33
Mary	RT	5.00	24.00	13.33
	LT	5.00	24.00	13.33
Coffeen	RT	5.00	24.00	13.33
	LT	5.00	24.00	13.33
Wabash	RT	5.00	24.00	13.33
	LT	5.00	24.00	13.33
First	RT	5.00	24.00	13.33
	LT	5.00	24.00	13.33
Second	RT	5.00	24.00	13.33
	LT	5.00	24.00	13.33
Third	RT	5.00	24.00	13.33
	LT	5.00	24.00	13.33
Fourth	RT	5.00	24.00	13.33
	LT	5.00	24.00	13.33
1200 N	Butt Joint	5.00	25.00	13.89
	EOP	2.50	25.00	6.94
1225 N	Butt Joint	5.00	20.00	11.11
	EOP	2.50	20.00	5.56
1250 N	Butt Joint	5.00	21.00	11.67
	EOP	2.50	21.00	5.83
Homer Lake Road	Butt Joint	5.00	19.00	10.56
	EOP	2.50	19.00	5.28
Homer Lake Road	Butt Joint	5.00	24.00	13.33
	EOP	2.50	24.00	6.67
Elvin St	Butt Joint	5.00	22.00	12.22
	EOP	2.50	22.00	6.11
Helton St	Butt Joint	5.00	25.00	13.89
	EOP	2.50	25.00	6.94

TOTAL = 514.44 SQ YD
USE = 514.00 SQ YD

SCHEDULE OF QUANTITIES

SHEET 2 OF 5

70300100 SHORT TERM PAVEMENT MARKING

STATION	TO	STATION	APPLY AFTER:	QUANTITY (FT)	COLOR
911+43.00		937+75.00	MILLING	240.00	YELLOW
938+59.00		956+24.40	MILLING	161.00	YELLOW
956+24.40		1012+80.00	MILLING	515.00	YELLOW
1017+62.00		1091+94.50 BK	MILLING	676.00	YELLOW
1092+00.00	AH	1133+65.00	MILLING	379.00	YELLOW
1133+93.00		1215+12.00	MILLING	739.00	YELLOW
956+24.40		1012+80.00	LEVEL BINDER	515.00	YELLOW
1017+62.00		1091+94.50 BK	LEVEL BINDER	676.00	YELLOW
1092+00.00	AH	1133+65.00	LEVEL BINDER	379.00	YELLOW
1133+93.00		1215+12.00	LEVEL BINDER	739.00	YELLOW
911+43.00		937+75.00	HMA SURFACE	240.00	YELLOW
938+59.00		956+24.40	HMA SURFACE	161.00	YELLOW
956+24.40		1012+80.00	HMA SURFACE	515.00	YELLOW
1017+62.00		1091+94.50 BK	HMA SURFACE	676.00	YELLOW
1092+00.00	AH	1133+65.00	HMA SURFACE	379.00	YELLOW
1133+93.00		1215+12.00	HMA SURFACE	739.00	YELLOW

TOTAL = 7,729.00 FT

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

STATION	TO	STATION	QUANTITY (SQ FT)
911+43.00		937+75.00	80.00
938+59.00		956+24.40	53.67
956+24.40		1012+80.00	171.67
1017+62.00		1091+94.50 BK	225.33
1092+00.00	AH	1133+65.00	126.33
1133+93.00		1215+12.00	246.33
TOTAL =			903.33 (SQ FT)
USE =			903.00 (SQ FT)

78001110 PAINT PAVEMENT MARKING - LINE 4"

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
956+24.40		1012+80.00	SKIP DASH	1,414.00	YELLOW
1017+62.00		1091+94.50 BK	SKIP DASH	1,859.00	YELLOW
1092+00.00	AH	1133+65.00	SKIP DASH	1,042.00	YELLOW
1133+93.00		1215+12.00	SKIP DASH	2,030.00	YELLOW
956+24.40		1012+80.00	N/B EDGE LINE	5,655.60	WHITE
1017+62.00		1091+94.50 BK	N/B EDGE LINE	7,432.50	WHITE
1092+00.00	AH	1133+65.00	N/B EDGE LINE	4,165.00	WHITE
1133+93.00		1215+12.00	N/B EDGE LINE	8,119.00	WHITE
956+24.40		1012+80.00	S/B EDGE LINE	5,655.60	YELLOW
1017+62.00		1091+94.50 BK	S/B EDGE LINE	7,432.50	YELLOW
1092+00.00	AH	1133+65.00	S/B EDGE LINE	4,165.00	YELLOW
1133+93.00		1215+12.00	S/B EDGE LINE	8,119.00	YELLOW
956+24.40		1215+12.00	NO PASS	1,800.00	YELLOW

TOTAL = 58,889.20 FT
USE = 58,889.00 FT

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
911+43.00		934+50.00	SKIP DASH	577.00	YELLOW
941+90.00		956+24.40	SKIP DASH	359.00	YELLOW
934+50.00		937+75.00	DBL NO PASS	650.00	YELLOW
938+59.00		941+90.00	DBL NO PASS	662.00	YELLOW
			PARKING SPACES		
			14 SPACES RT	436.50	WHITE
			7 SPACES RT	223.00	WHITE
			3 SPACES RT	101.00	WHITE
			14 SPACES LT	436.50	WHITE
			1 SPACES LT	40.00	WHITE
			7 SPACES LT	223.00	WHITE

TOTAL = 3,708.00 FT

SCHEDULE OF QUANTITIES

SHEET 3 OF 5

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

STATION	LOCATION	QUANTITY (FT)	COLOR
RT 934+75.00	RXR CROSSING	61.20	WHITE
LT 941+65.00	RXR CROSSING	61.20	WHITE
TOTAL =		122.40	FT
USE =		122.00	FT

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

STATION	LOCATION	QUANTITY (FT)	COLOR
RT 934+50.00	RXR STOP BAR	12.00	WHITE
RT 935+00.00	RXR STOP BAR	12.00	WHITE
RT 937+81.00	RXR STOP BAR	12.00	WHITE
LT 938+58.00	RXR STOP BAR	12.00	WHITE
LT 941+40.00	RXR STOP BAR	12.00	WHITE
LT 941+90.00	RXR STOP BAR	12.00	WHITE
TOTAL =		72.00	FT

70300210 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

STATION	LOCATION	QUANTITY (FT)	COLOR
RT 934+75.00	RXR CROSSING	61.20	WHITE
LT 941+65.00	RXR CROSSING	61.20	WHITE
TOTAL =		122.40	FT
USE =		122.00	FT

70300280 TEMPORARY PAVEMENT MARKING - LINE 24"

STATION	LOCATION	QUANTITY (FT)	COLOR
RT 934+50.00	RXR STOP BAR	12.00	WHITE
RT 935+00.00	RXR STOP BAR	12.00	WHITE
RT 937+81.00	RXR STOP BAR	12.00	WHITE
LT 938+58.00	RXR STOP BAR	12.00	WHITE
LT 941+40.00	RXR STOP BAR	12.00	WHITE
LT 941+90.00	RXR STOP BAR	12.00	WHITE
TOTAL =		72.00	FT

SCHEDULE OF QUANTITIES

SHEET 4 OF 5

70300220 TEMPORARY PAVEMENT MARKING - LINE 4"

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
911+43.00		934+50.00	SKIP-DASH	577.00	YELLOW
941+90.00		956+24.40	SKIP-DASH	359.00	YELLOW
956+24.40		1012+80.00	SKIP-DASH	1,414.00	YELLOW
1017+62.00		1091+94.50 BK	SKIP-DASH	1,859.00	YELLOW
1092+00.00 AH		1133+65.00	SKIP-DASH	1,042.00	YELLOW
1133+93.00		1215+12.00	SKIP-DASH	2,030.00	YELLOW
934+50.00		937+75.00	DBL NO PASS	650.00	YELLOW
938+59.00		941+90.00	DBL NO PASS	662.00	YELLOW
956+24.40		1012+80.00	EDGE LINES	11,311.20	WHITE
1017+62.00		1091+94.50 BK	EDGE LINES	14,865.00	WHITE
1092+00.00 AH		1133+65.00	EDGE LINES	8,330.00	WHITE
1133+93.00		1215+12.00	EDGE LINES	16,238.00	WHITE
956+24.40		1215+12.00	NO PASS	1,800.00	YELLOW
PARKING SPACES			14 SPACES RT	436.50	WHITE
			7 SPACES RT	223.00	WHITE
			3 SPACES RT	101.00	WHITE
			14 SPACES LT	436.50	WHITE
			1 SPACES LT	40.00	WHITE
			7 SPACES LT	223.00	WHITE

TOTAL = 62,597.20 FT
USE = 62,597.00 FT

INCIDENTAL HOT-MIX ASPHALT SURFACE SCHEDULE

STATION	DESCRIPTION	INCIDENTAL AREA (SQ FT)	AVERAGE THICKNESS (INCH)	40800050	40800010	40800030	40600982
				INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	BIT MAT'L PRIME COAT (GALLONS)	AGGREGATE PRIME COAT (TON)	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT (SQ YD)
RT	1200 N	966.70	1.5	9.02	10.74	0.21	107.41
LT	1225 N	1,066.70	1.5	9.96	11.85	0.24	118.52
RT	1250 N	771.70	1.5	7.20	8.57	0.17	85.74
RT	Homer Lake Road	752.00	1.5	7.02	8.36	0.17	83.56
LT	Homer Lake Road	1,082.70	1.5	10.11	12.03	0.24	120.30
RT	Elvin	794.30	1.5	7.41	8.83	0.18	88.26
RT	Helton	867.30	1.5	8.09	9.64	0.19	96.37
TOTAL =				58.81	70.02	1.40	700.16
USE =				59.00	70.00	2.00	700.00

SCHEDULE OF QUANTITIES

SHEET 5 OF 5

PARTIAL DEPTH PAVEMENT PATCHING

STATION	DIRECTION	EXISTING OVERLAY THICKNESS (INCHES)	LENGTH (FT)	WIDTH (FT)	X4401705	X4421000
					PARTIAL DEPTH REMOVAL (SQ YD)	PARTIAL DEPTH PATCHING (TON)
967+32	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
967+50	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
973+90	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
984+51	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
985+89	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
998+59	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
1005+27	NORTHBOUND	4.50	10.00	12.00	13.33	5.6
	SOUTHBOUND	4.50	10.00	12.00	13.33	5.6
1008+92	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
1021+88	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1024+03	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
1027+59	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1032+03	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
1032+89	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1039+56	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
1045+78	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1050+63	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1057+38	NORTHBOUND	4.50	8.00	12.00	10.67	4.5
1057+78	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1064+63	NORTHBOUND	4.50	8.00	12.00	10.67	4.5
1064+70	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1069+52	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1072+12	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1074+73	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1076+29	NORTHBOUND	4.50	10.00	6.00	6.67	2.8
1076+80	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1081+83	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1091+11	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1098+74	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1113+60	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
1126+48	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1132+09	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5

PARTIAL DEPTH PAVEMENT PATCHING

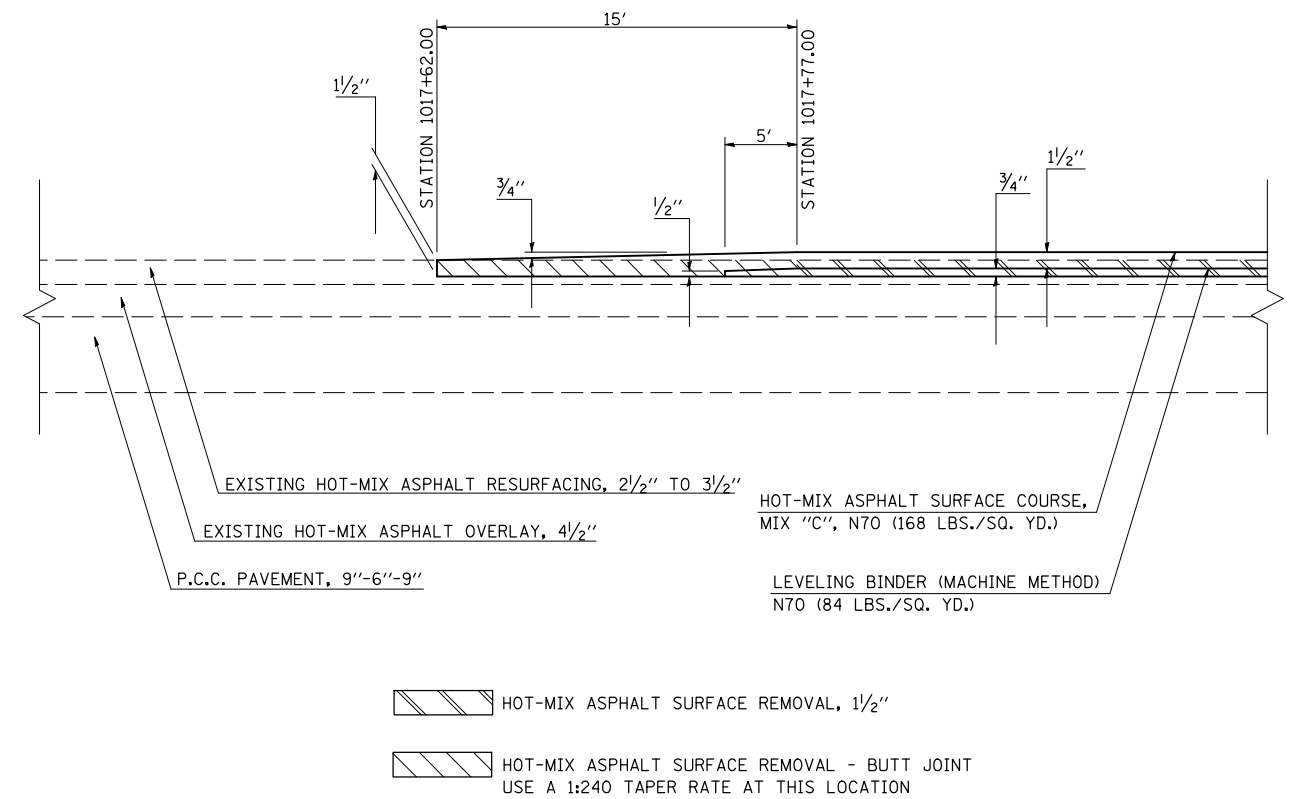
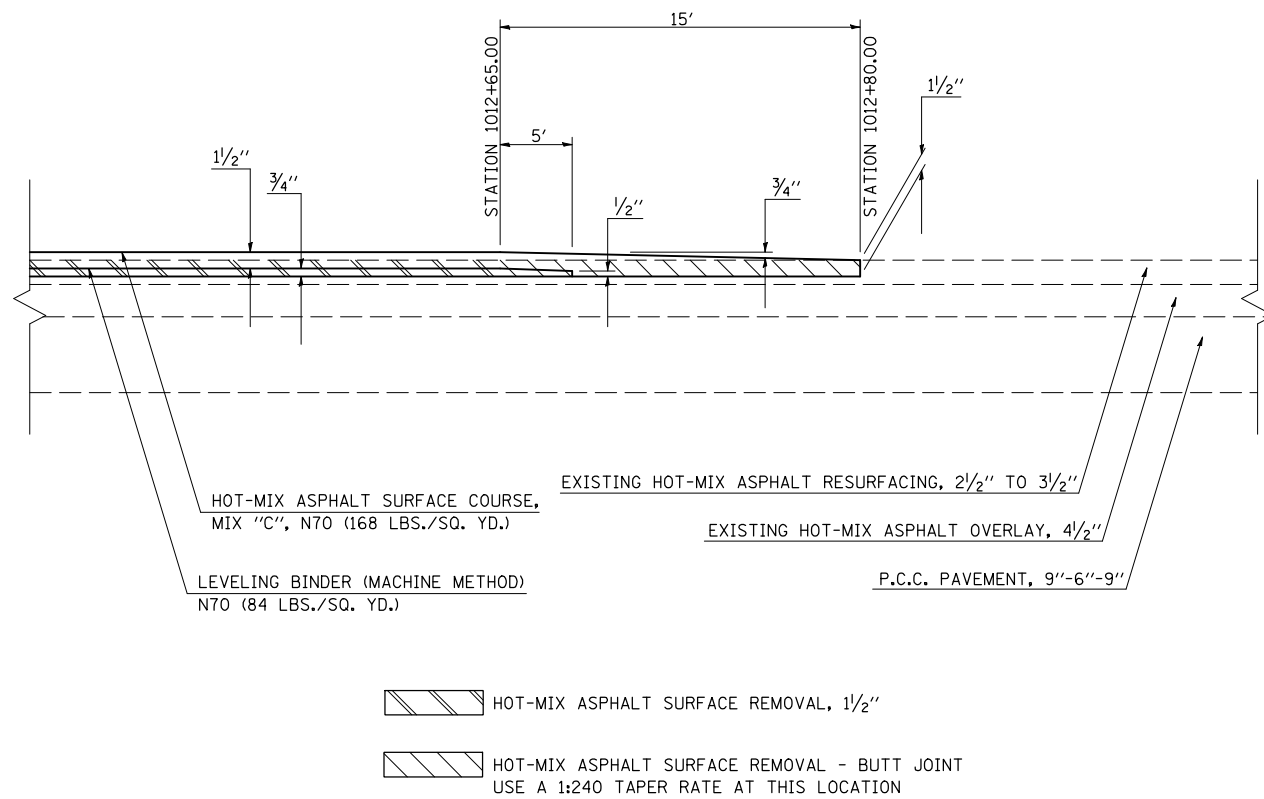
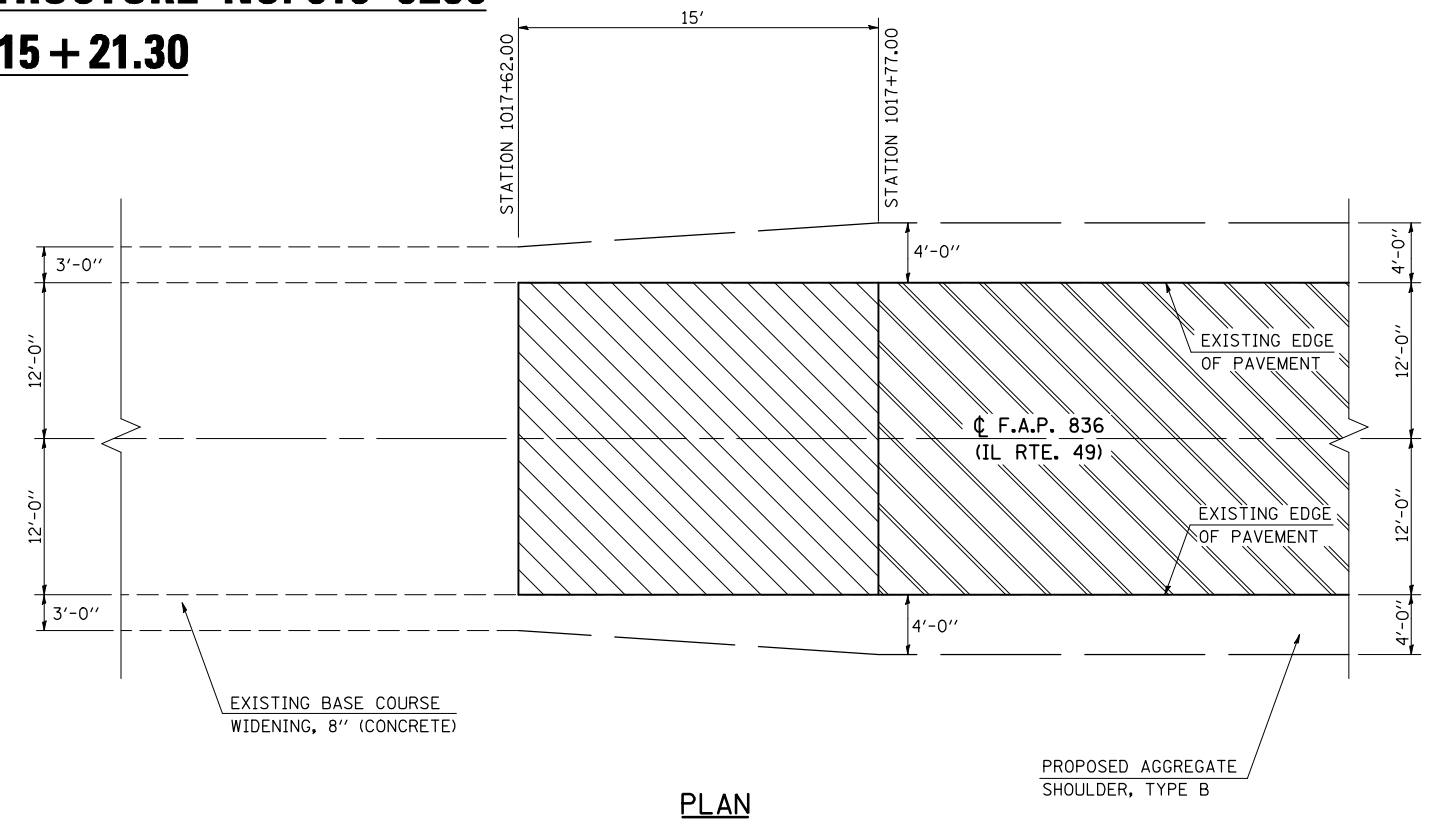
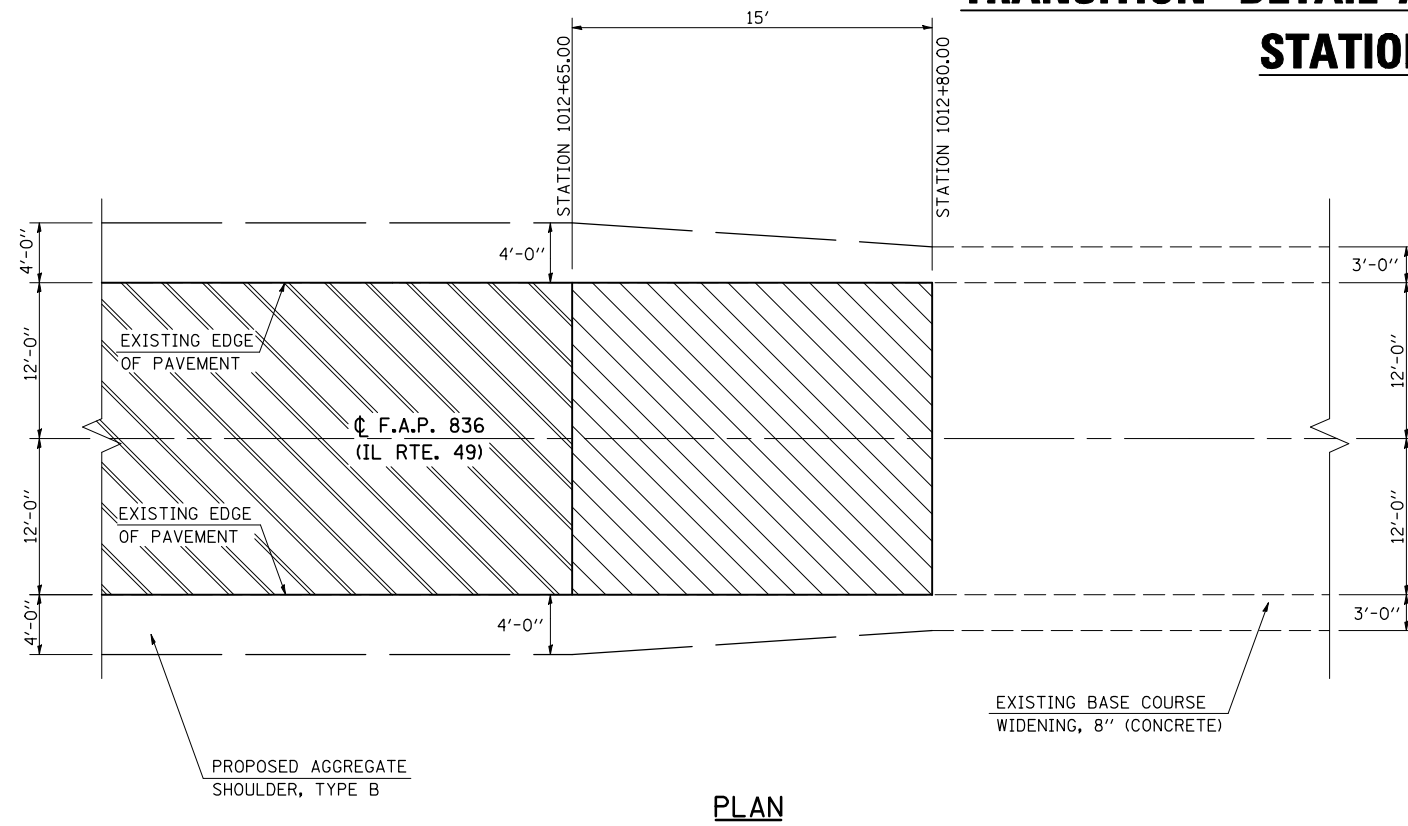
STATION	DIRECTION	EXISTING OVERLAY THICKNESS (INCHES)	LENGTH (FT)	WIDTH (FT)	X4401705	X4421000
					PARTIAL DEPTH REMOVAL (SQ YD)	PARTIAL DEPTH PATCHING (TON)
1134+91	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
1136+42	NORTHBOUND	4.50	8.00	12.00	10.67	4.5
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1139+48	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1145+91	NORTHBOUND	4.50	8.00	12.00	10.67	4.5
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1148+32	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1152+42	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1154+13	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
1160+42	NORTHBOUND	4.50	8.00	12.00	10.67	4.5
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1169+18	NORTHBOUND	4.50	10.00	12.00	13.33	5.6
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1172+00	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1173+25	NORTHBOUND	4.50	8.00	6.00	5.33	2.2
1173+70	NORTHBOUND	4.50	8.00	12.00	10.67	4.5
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1175+85	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1179+84	NORTHBOUND	4.50	8.00	12.00	10.67	4.5
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1183+63	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1186+63	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1189+77	NORTHBOUND	4.50	8.00	12.00	10.67	4.5
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1194+60	NORTHBOUND	4.50	10.00	12.00	13.33	5.6
	SOUTHBOUND	4.50	10.00	12.00	13.33	5.6
1196+58	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
1200+37	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1202+02	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1205+31	NORTHBOUND	4.50	8.00	12.00	10.67	4.5
	SOUTHBOUND	4.50	12.00	12.00	16.00	6.7
1208+67	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	8.00	12.00	10.67	4.5
1208+88	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4
1211+97	NORTHBOUND	4.50	6.00	12.00	8.00	3.4
1212+33	SOUTHBOUND	4.50	6.00	12.00	8.00	3.4

TOTAL = 817.33 346.10
USE = 817.00 346.00

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\PIWIDOT\PIERSONBR\d011734\d5	0642-shr-schedule.dgn	DRAWN -	REVISED -			836	119RS-4 & 119Z RS-2	Champaign	26	18	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 70642					
	PLOT DATE = 2/6/2009	DATE -	REVISED -			SCALE:	SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

TRANSITION DETAIL AT STRUCTURE NO. 010-0280

STATION 1015 + 21.30



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
USE A 1:240 TAPER RATE AT THIS LOCATION

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
USE A 1:240 TAPER RATE AT THIS LOCATION

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED -
ct:\pw\work\PIWIDOT\PIERSONBR\d011734\d5	0642-shr-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/6/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

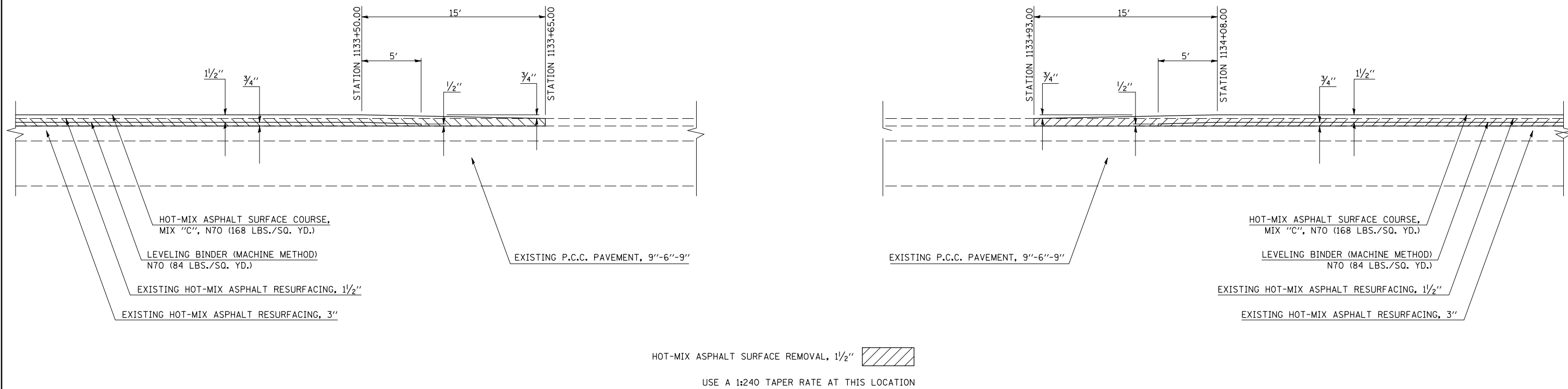
TRANSITION DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119RS-4 & 119Z RS-2	Champaign	26	19
CONTRACT NO.			70642	
ILLINOIS FED. AID PROJECT				

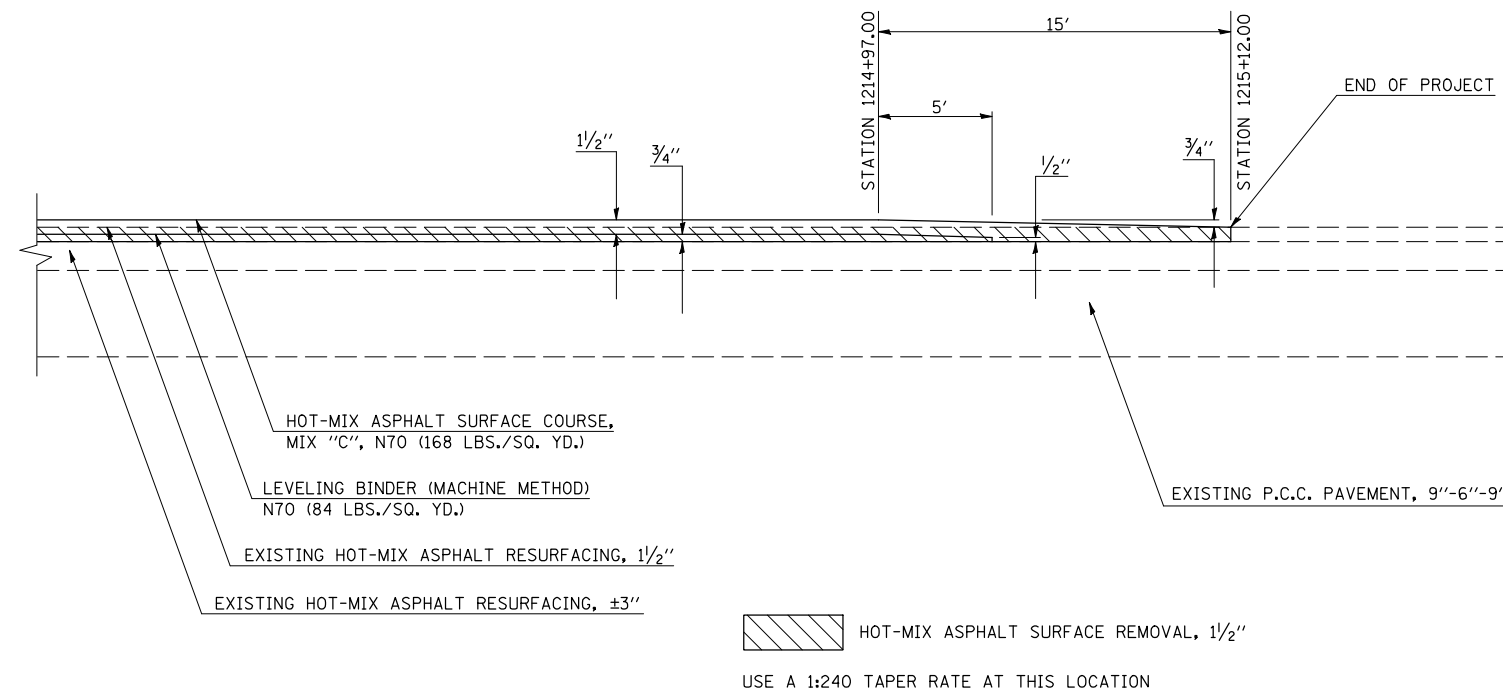
TRANSITION DETAIL AT STR 010-8101

STATION 1133 + 79.00



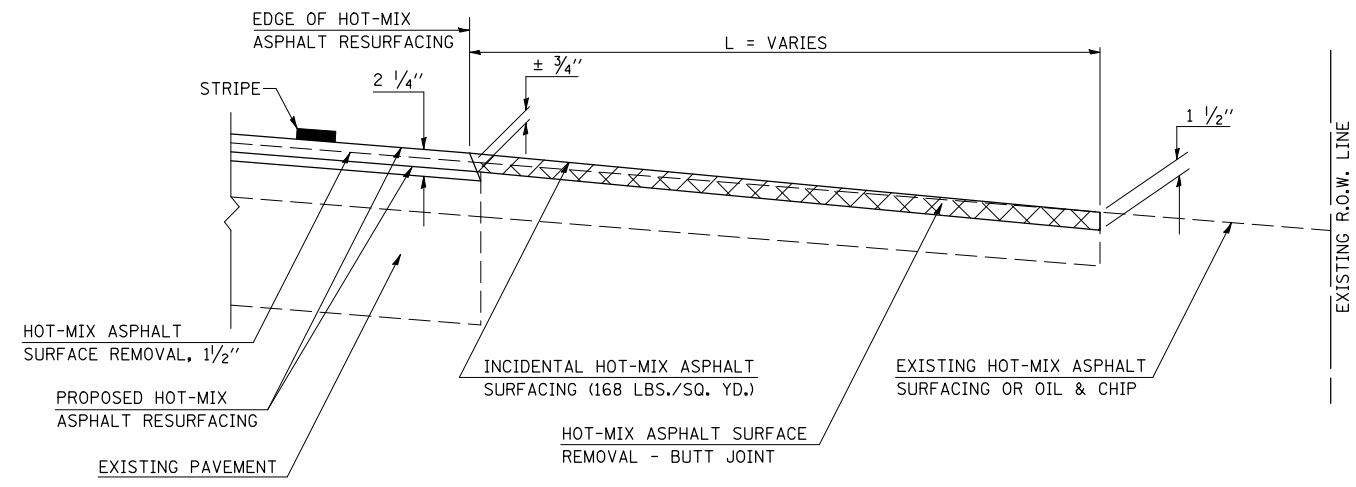
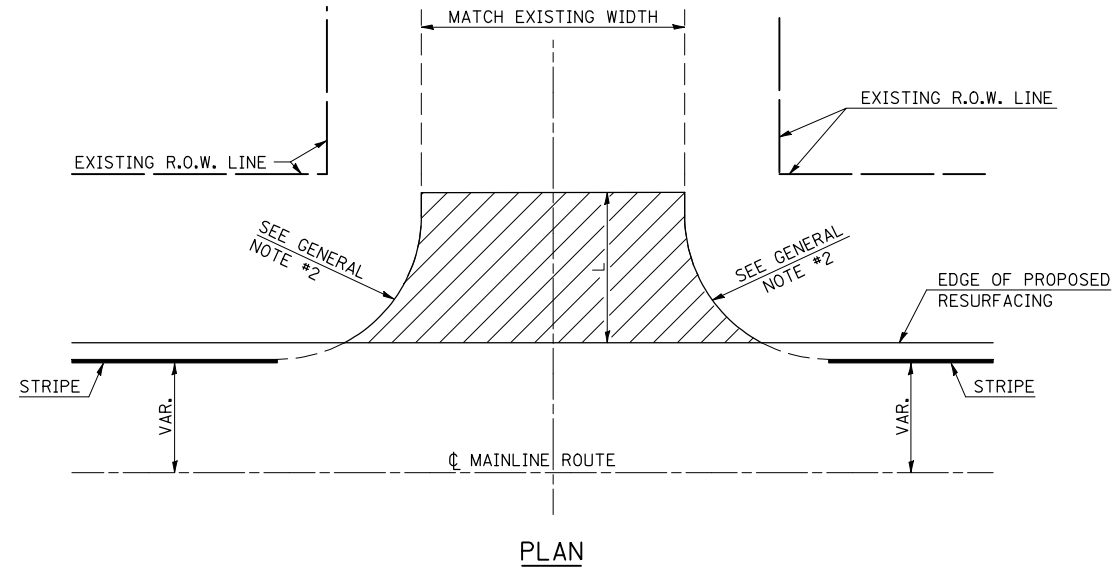
TRANSITION DETAIL AT END OF PROJECT

STATION 1215 + 12.00



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRANSITION DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PIWIDOT\PIERSONBR\d011734\d5	0642-shr-details.dgn	DRAWN -	REVISED -		836	119RS-4 & 119Z RS-2	Champaign	26	20			
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70642				
	PLOT DATE = 2/6/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DETAIL OF SIDEROAD RETURNS
(RURAL SECTION)



PROFILE

GENERAL NOTES

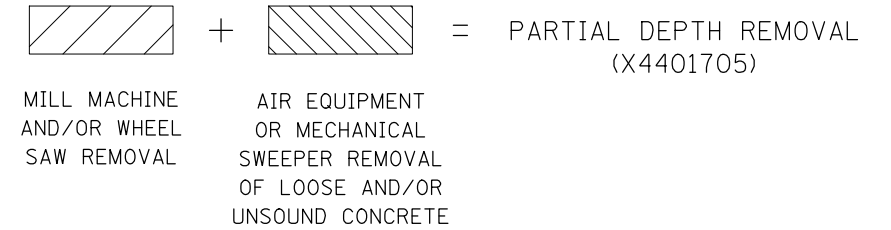
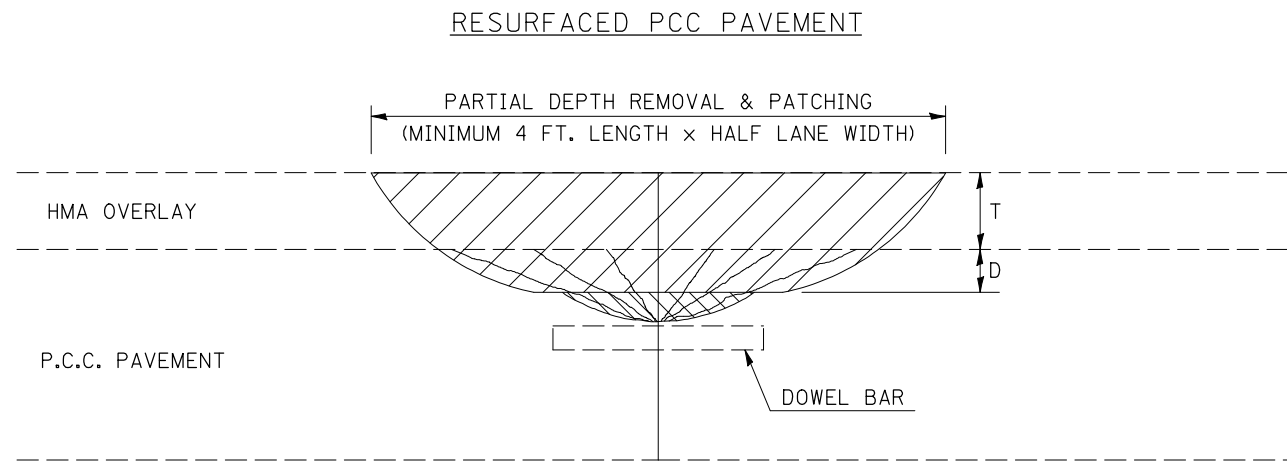
1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING SIDEROADS IN THEIR ENTIRETY. THE EXISTING SIDEROADS SHOULD BE RESURFACED TO MAINTAIN THEIR CURRENT RADII AND SHALL BE RESURFACED TO THE BACK OF RADII.

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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/6/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEROAD RETURNS DETAIL			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119RS-4 & 119Z RS-2	Champaign	26	21
			CONTRACT NO. 70642	
ILLINOIS FED. AID PROJECT				



DESIGN NOTES

PARTIAL DEPTH HMA PATCHING SHALL NOT BE USED WHEN HMA OVERLAY THICKNESS (T) ON PCC PAVEMENT EXCEEDS 4 3/4 INCHES (145 mm) OR ON CRC PAVEMENT.

GENERAL NOTES

ALL VOLUME OF PARTIAL DEPTH REMOVAL SHALL BE REPLACED WITH HOT-MIX ASPHALT (HMA) AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR PARTIAL DEPTH PATCHING.

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

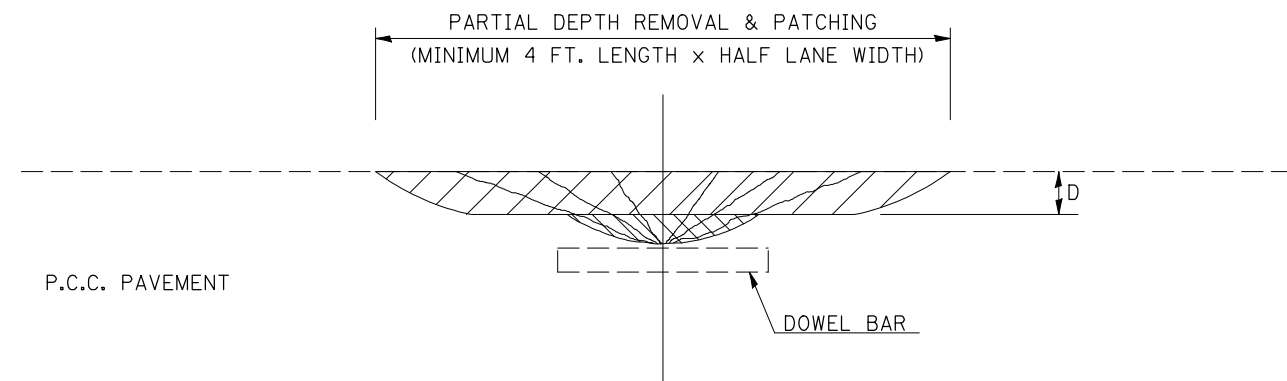
HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT.
(3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

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

BARE PCC PAVEMENT



DISTRICT 5 DETAIL NO. XX442100

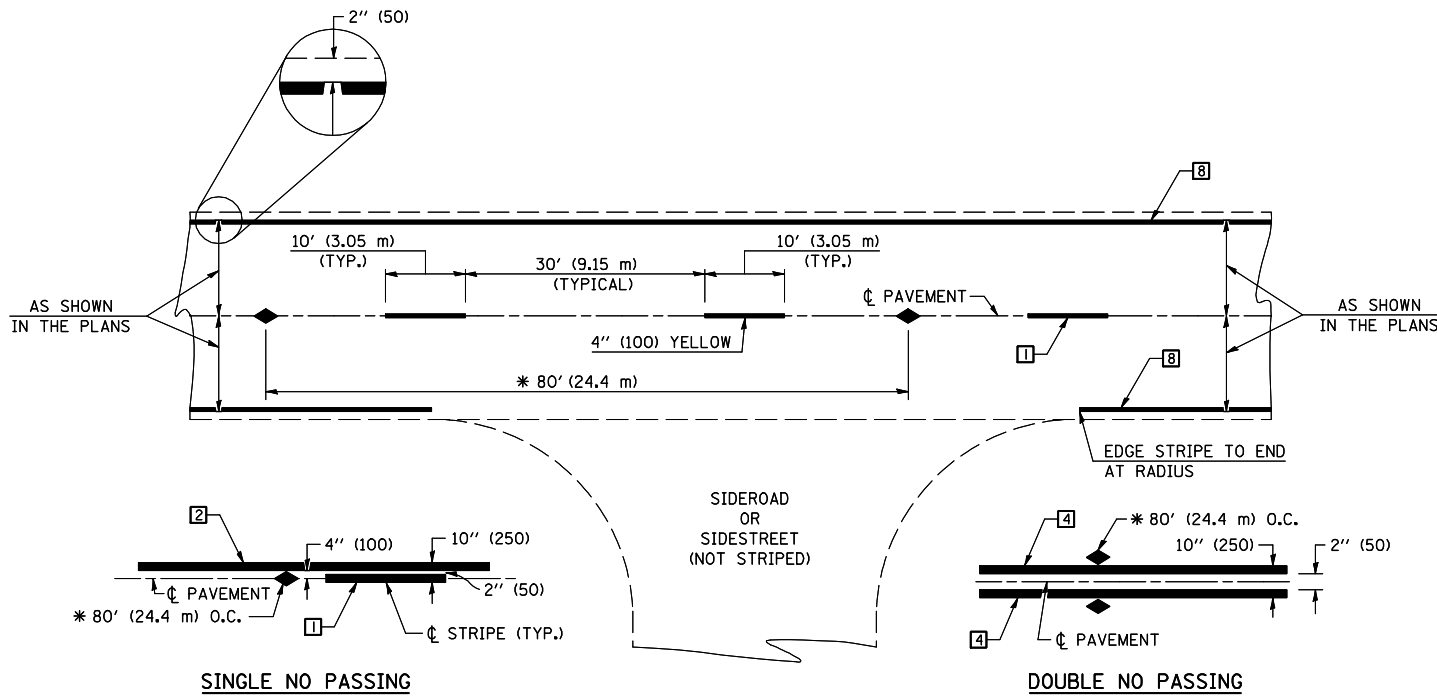
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	PLOT DATE = 2/6/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119RS-4 & 119Z RS-2	Champaign	26	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70642	



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

TWO LANE/TWO WAY

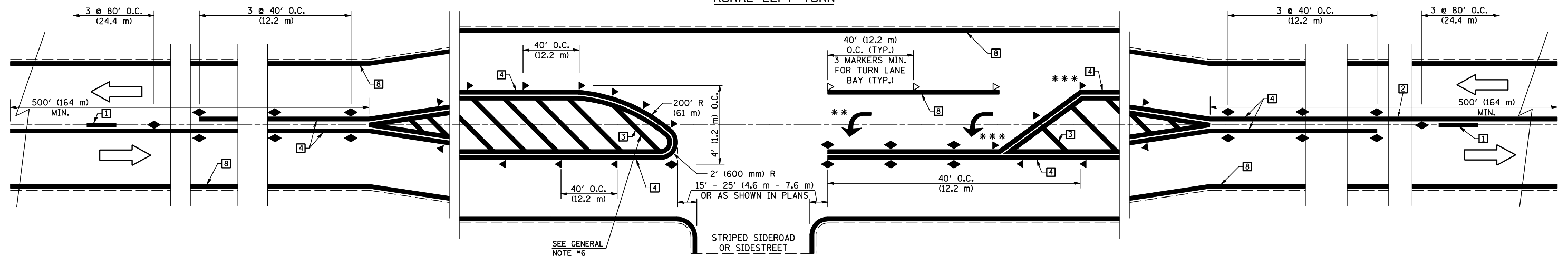
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
 - 2 4" (100) SOLID (YELLOW)
 - 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 5 RESERVED
 - 6 RESERVED
 - 7 4" (100) SKIP-DASH (WHITE)
 - 8 4" (100) SOLID (WHITE)
 - 9 12" (300) DIAGONAL (WHITE)
 - 10 6" (150) SOLID (WHITE)
 - 11 24" (600) STOP BAR (WHITE)
 - 12 8" (200) SOLID (WHITE)
 - 13 4" (100) LANE LINE EXTENSIONS (WHITE)
 - 14 4" (100) PARKING WHITE
-

TYPICAL PAVEMENT MARKERS LEGEND

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

RURAL LEFT TURN



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

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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

DISTRICT 5 DETAIL NO. 7800AAA

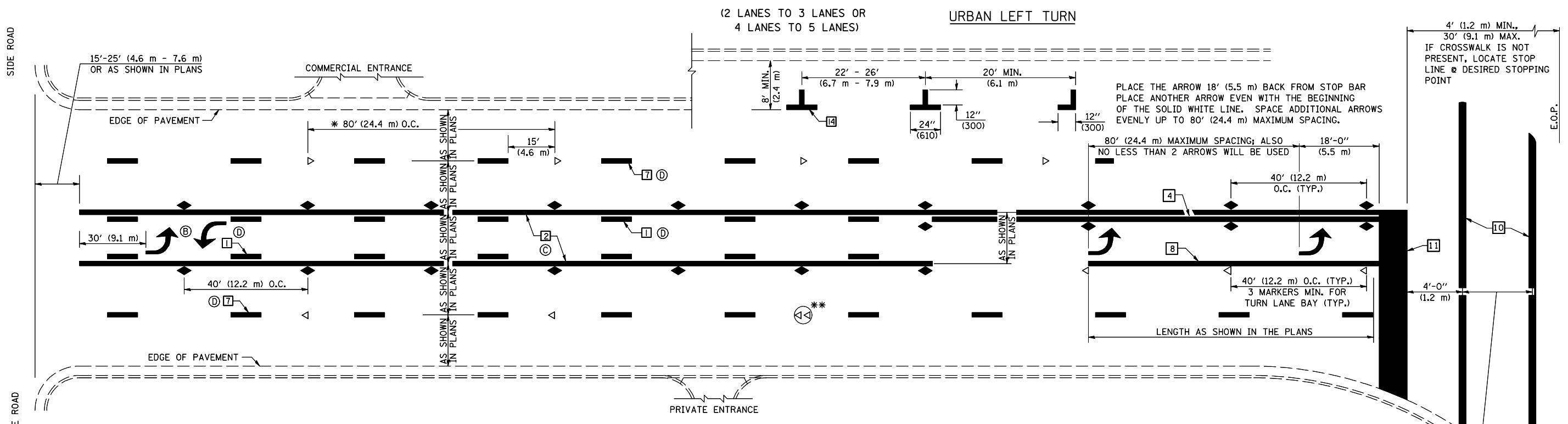
FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED - 11/06
ct:\pw\work\PIWIDOT\PIERSONBR\d0117734\d5	0642-shr-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/6/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

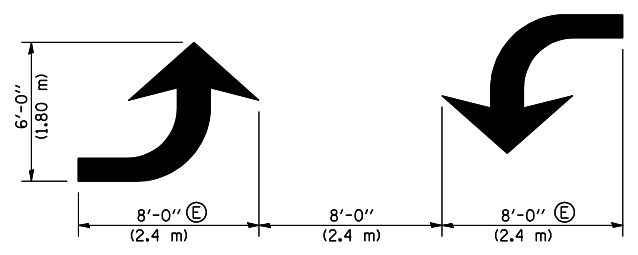
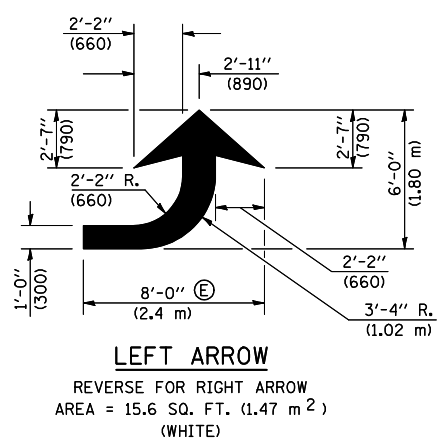
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119RS-4 & 119Z RS-2	Champaign	26	23
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70642	



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

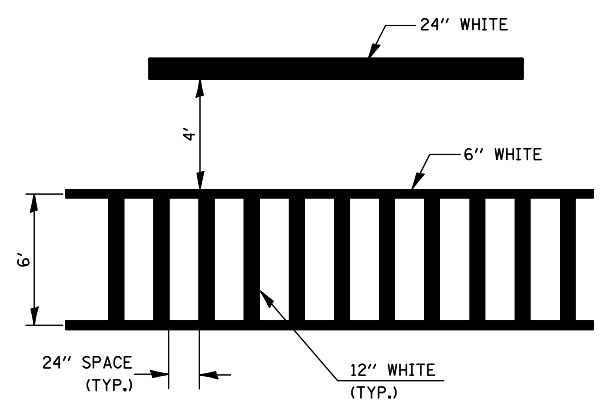
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

- GENERAL NOTES:**
- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
 - ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
 - ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
 - ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

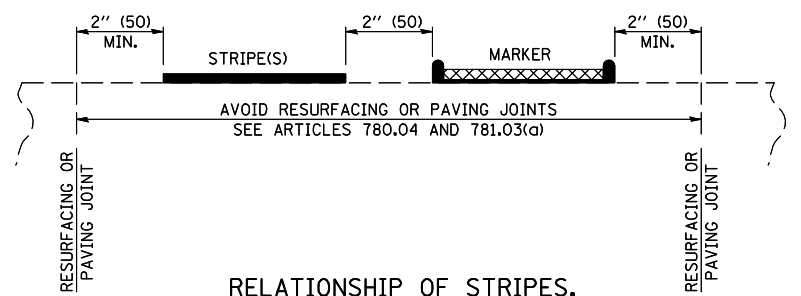


TYPICAL DOUBLE TURN ARROWS (WHITE)

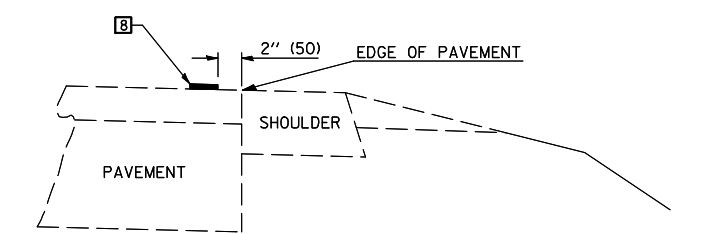
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

CROSSWALK WIDTH 6'-0" (1.8 m) OR AS SHOWN IN THE PLANS

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

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	PLOT DATE = 2/6/2009	DATE -	REVISED -

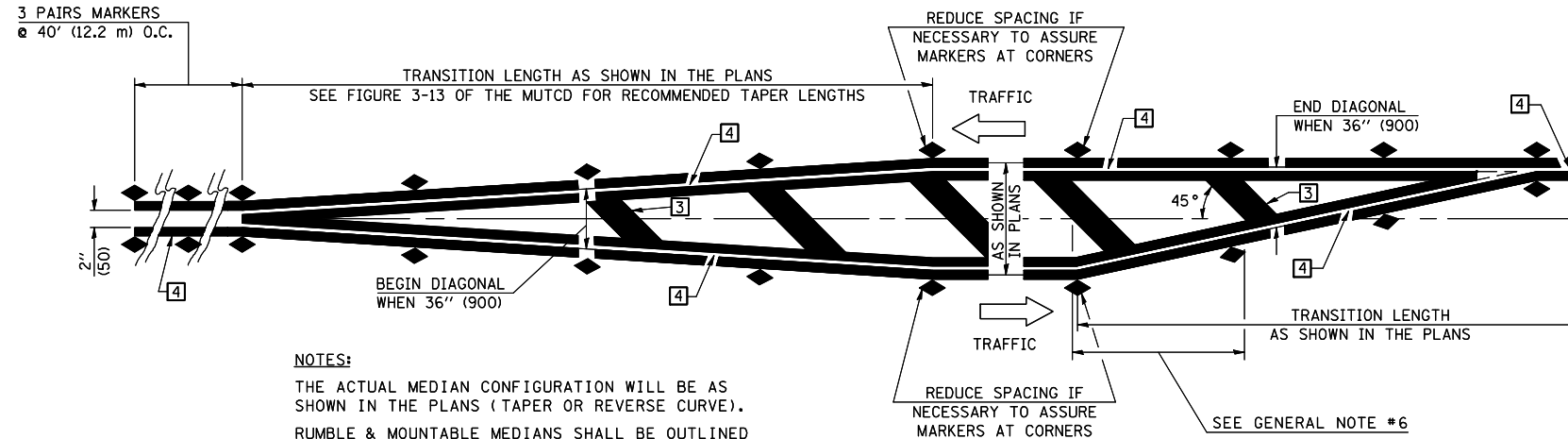
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119RS-4 & 119Z RS-2	Champaign	26	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70642	

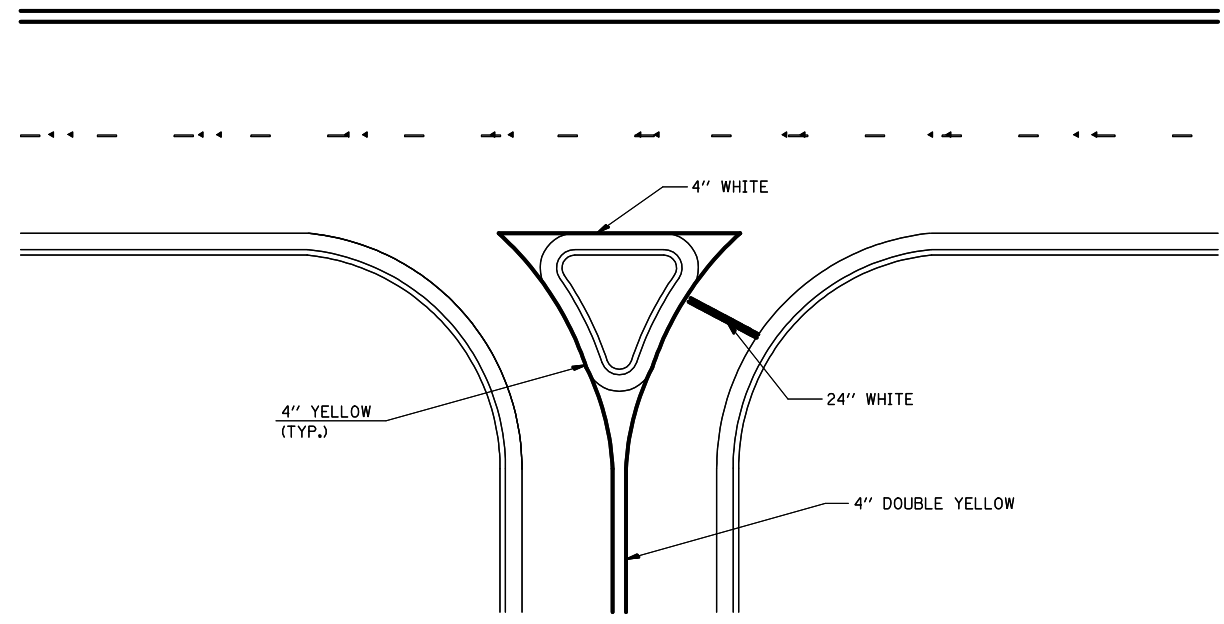


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

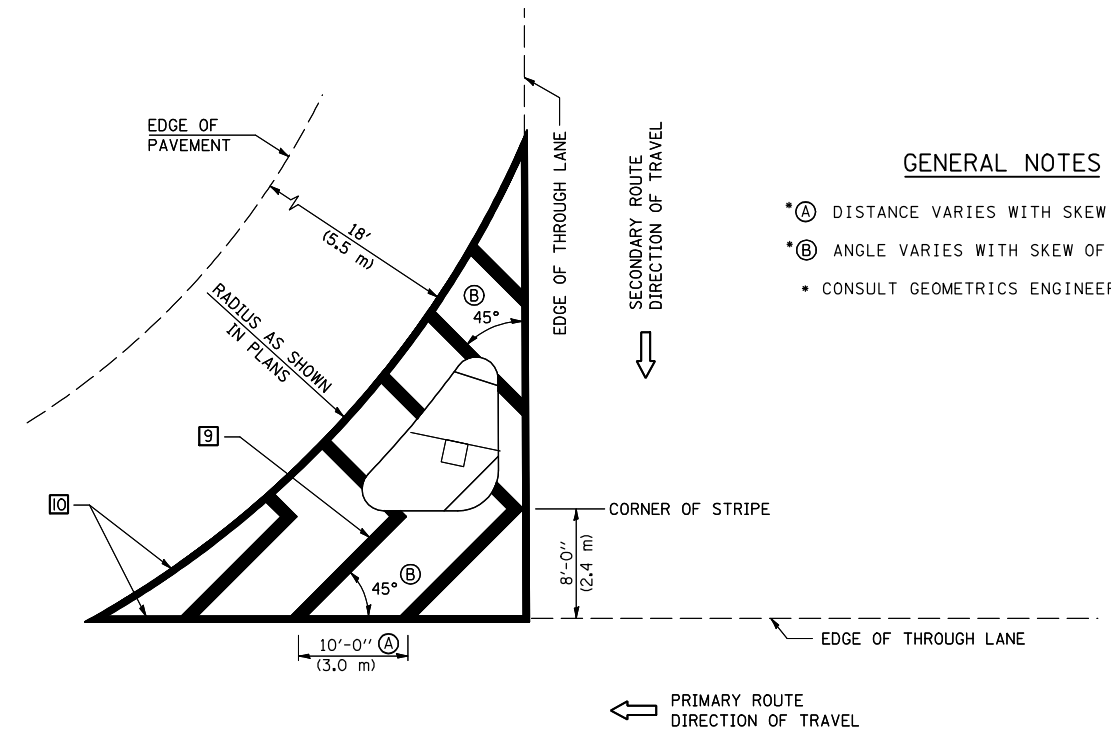
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

- * (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- * (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

ISLAND

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

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	PLOT DATE = 2/6/2009	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

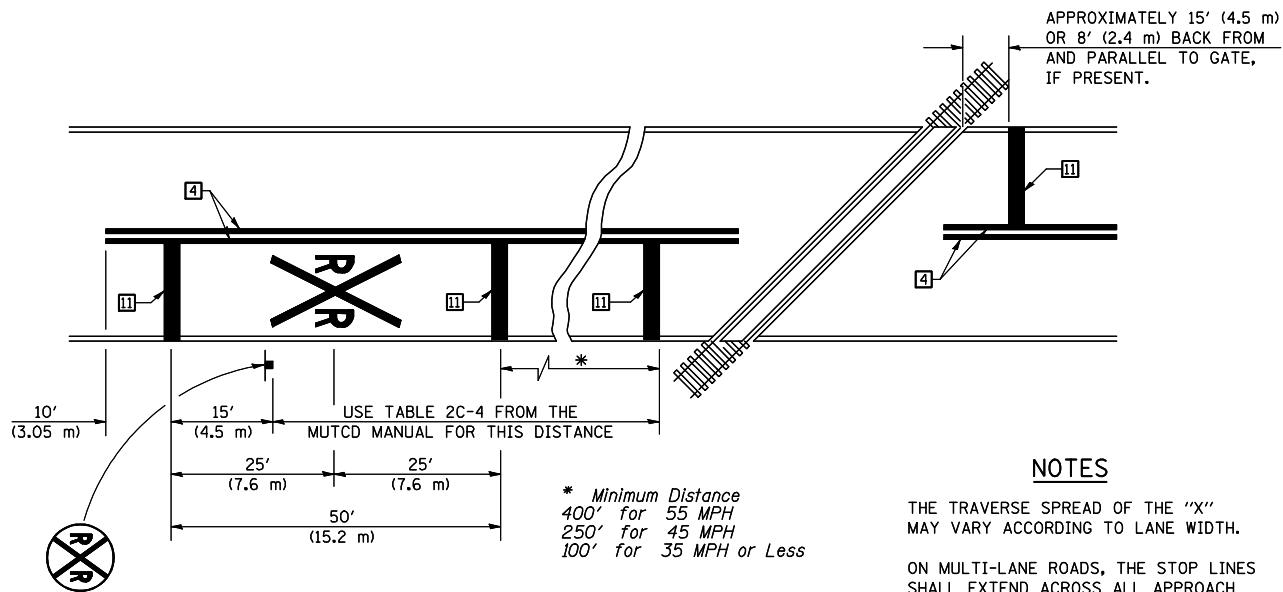
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119RS-4 & 119Z RS-2	Champaign	26	25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70642	

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

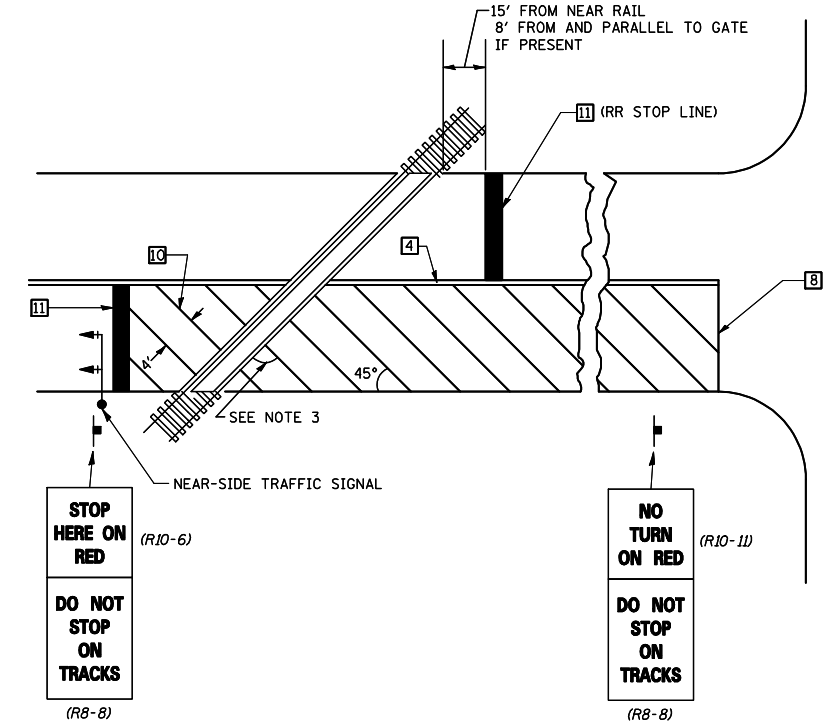
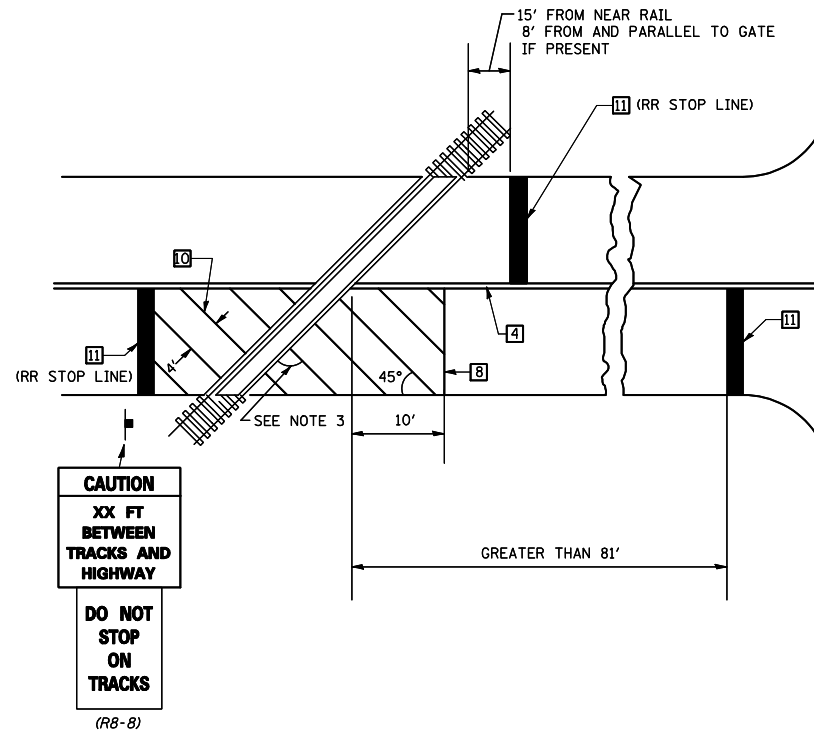
APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

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

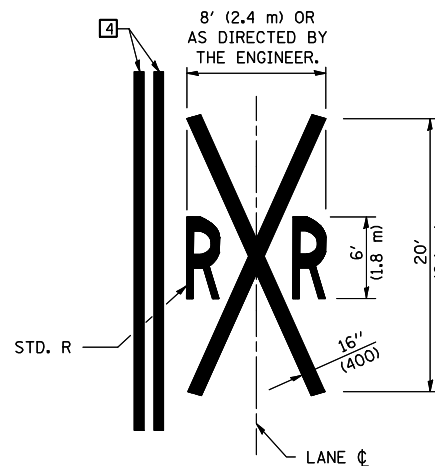
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE R XR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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

* Minimum Distance
400' for 55 MPH
250' for 45 MPH
100' for 35 MPH or Less



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



GENERAL NOTES

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

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

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/6/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	119RS-4 & 119Z RS-2	Champaign	26	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70642	