

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 697 (IL 9)
SECTION 2RS-3&46RS-8

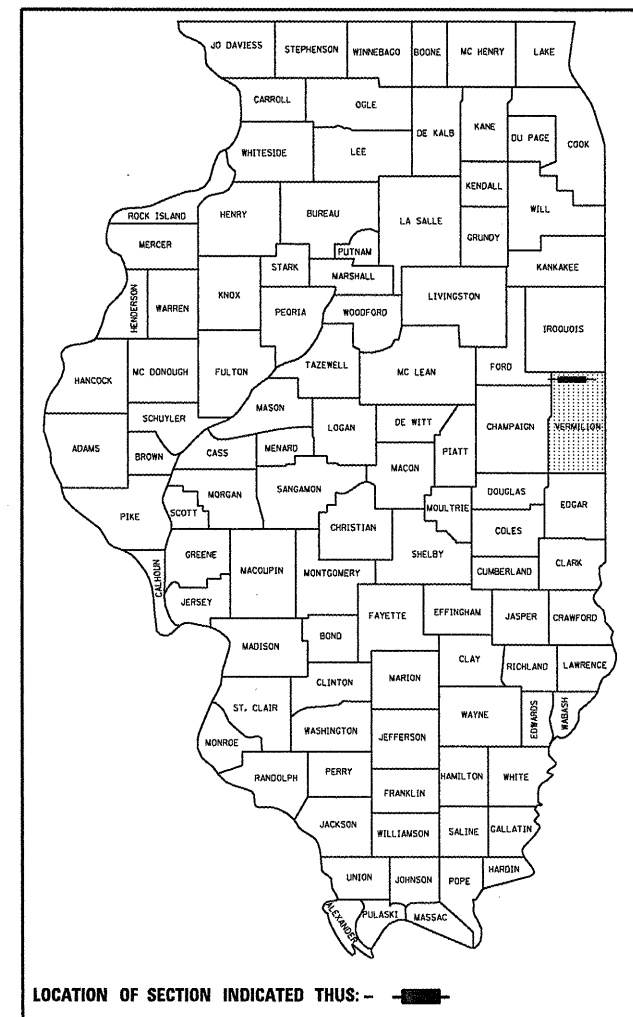
RESURFACING (3P)
VERMILION COUNTY

FORD COUNTY LINE TO ECL OF HOOPESTON
C-95-021-09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&46RS-8	Vermilion	43	1
		ILLINOIS	CONTRACT NO. 70764	

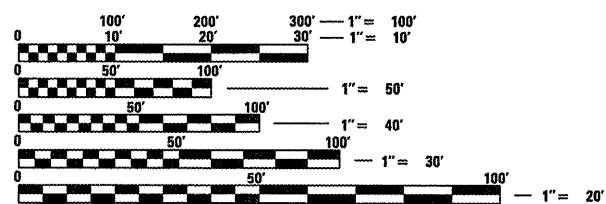
FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4 - 5

D-95-021-09



CURRENT ADT
LEG "A" 2,050 FORD COUNTY LINE TO 990E
LEG "B" 2,300 990E TO IL 1
LEG "C" 6,300 IL 1 TO RAILROAD
LEG "D" 3,650 RAILROAD TO STA. 1207+00

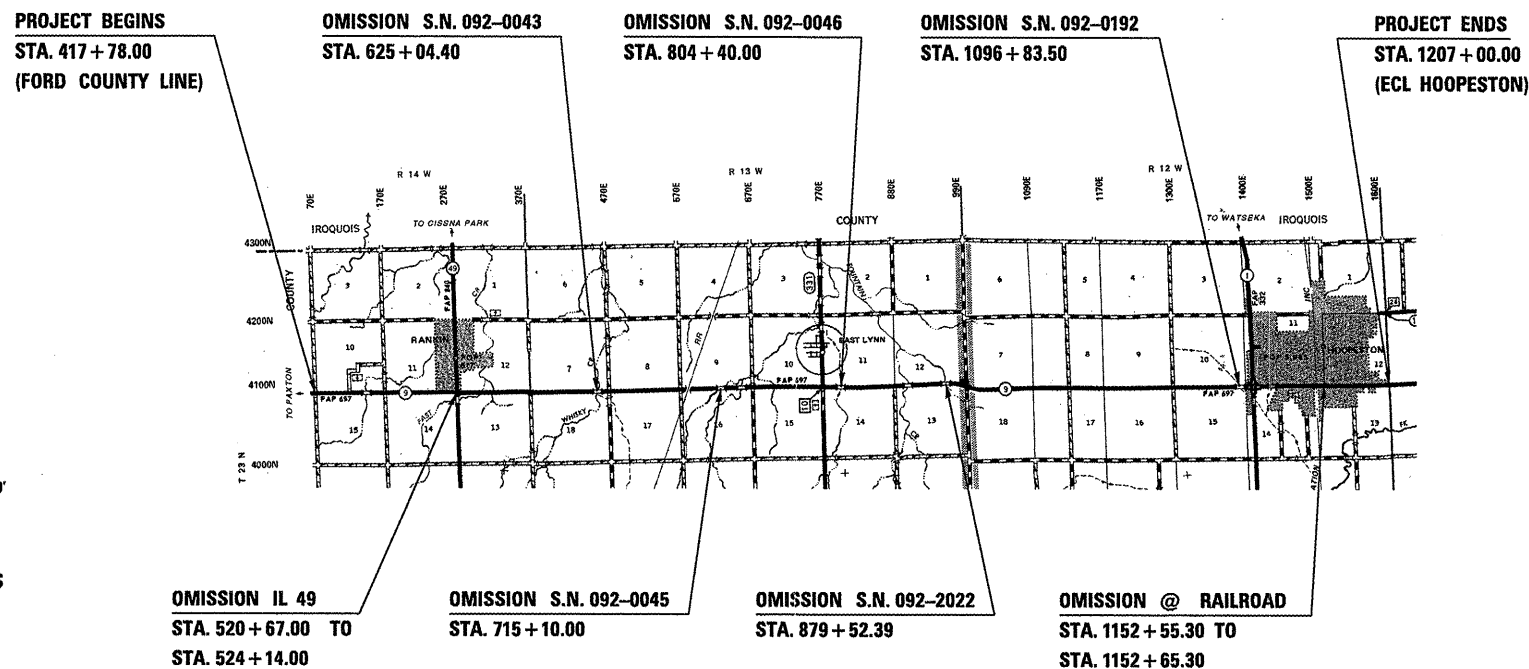
DESIGN DESIGNATION
N/A



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.

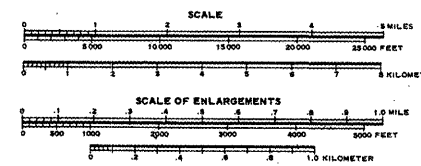
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: NANCY FASIG
PROJECT MANAGER: WILLIAM PARKER, JR.
(217) 465-4181
CONTRACT NO. 70764



STATION EQUATIONS:
656 + 84.40 BK = 657 + 00.00 AH
738 + 87.00 BK = 738 + 90.00 AH
907 + 08.75 BK = 907 + 52.38 AH

GROSS LENGTH = 78,922.00 FT. = 14.947 MILES
NET LENGTH = 78,053.00 FT. = 14.783 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 4/10 20 09

James E. Adewumi
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 1, 20 09
Charles A. Ingensoll
ENGINEER OF DESIGN AND ENVIRONMENT

May 1, 20 09
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERN
001006	DECIMAL OF AN INCH AND A FOOT
406201-01	MAILBOX TURNOUT
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15 FT TO 2 FT 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, MOVING OPERATIONS, DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY
701336-05	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, 45 MPH +
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKING
781001-03	TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME = c:\pwork\PIWIDOT\PIERSONBR\0115224\05	USER NAME = piersonbr 0764-sht-gennote.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS /HIGHWAY STANDARDS	F.A.P. RTE. 697	SECTION 2RS-3&4RS-8	COUNTY Vermilion	TOTAL SHEETS 43	SHEET NO. 2
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 70764 ILLINOIS FED. AID PROJECT				
PLOT DATE = 4/10/2009		DATE -	REVISED -							

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 CONTACTS ARE:

Mr. Gale Free Roadmaster CSX Transportation 564 CSX Lane Danville, IL 61834 (217) 442-0126	Mr. David W. McKernan Manager Industry & Public Projects Union Pacific Railroad Company 100 North Broadway, Suite 1500 St. Louis, MO 63102 (314) 331-0682
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SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACTS ARE:

Dave Fette 1717 Dixie Hwy Suite 400 FortWright, KY 41011 (859) 344-8137	Mr. Paul Gegg Union Pacific Railroad 811W. Chestnut Bloomington, IL 61701 (309) 820-2312
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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.-406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location	IL 9	IL 9	IL 9	IL 9
Mixture Use	Level Binder	Rural Surface (417+48 to 1096+21.5)	Urban Surface & Urban HMA Shoulders (1097+45.5 to 1207+00)	P.D. Patch
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (Max)	25	15	15	25
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5	IL 9.5	IL 9.5	IL 19.0
Friction Aggregate	Mix C	Mix C	Mix D	N.A.

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.

G.N.-408B
 THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE COMPACTED AS REQUIRED BY THE SPECIFICATIONS FOR DESIGN NUMBER OF GYRATIONS BEING USED,

AT THE FOLLOWING LOCATIONS:

East Lynn Road
 All side roads within Hoopston corporate limits

G.N.-440C
 THE MACHINE USED FOR HOT-MIX ASPHALT SURFACE REMOVAL ON THE THROUGH TRAFFIC LANES ON THIS JOB SHALL BE CAPABLE OF REMOVING A LAYER OF BITUMINOUS MATERIAL AT LEAST 12 FT. IN WIDTH AND 1 1/2 INCHES IN DEPTH IN A SINGLE PASS.

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.-482
 ALL MATERIAL PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 - 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION SHOULDER MIXES AND OTHER MIXES (BOTTOM LIFT OF SHOULDERS). THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/QA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR THE IL 9.5L MIXES AND OTHER MIXES USING STANDARD CORRELATION PROCEDURES.

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.

FILE NAME : c:\p\work\PIWIDOT\PIERSONBR\0115224\05	USER NAME : p\ersonbr 0764-sht-gennote.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.P. RTE. 697	SECTION 2RS-3&46RS-8	COUNTY Vermillion	TOTAL SHEETS 43	SHEET NO. 3
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 70764	
PLOT DATE = 4/10/2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	LOCATION OF WORK:	
				FAP 697 IL. 9 VERMILION CO. RURAL TWO LANE STA 417+78 TO STA. 1096+21.5 100% STATE 1000	FAP 697 IL. 9 VERMILION CO. URBAN TWO LANE STA 1097+45.5 TO STA 1207+00 100% STATE 1000
FUNDING BREAKOUT: CONSTRUCTION TYPE CODE:					
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	39,840.0	36,239.0	3,601.0
40600300	AGGREGATE (PRIME COAT)	TON	798.0	726.0	72.0
40600625	LEVELING BINDER (MACHINE METHOD), N 50	TON	7,600.0	7,600.0	0.0
40600895	CONSTRUCTING TEST STRIP	EACH	1.0	0.0	1.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	SQ YD	3,067.0	3,067.0	0.0
40600990	TEMPORARY RAMP	SQ YD	359.0	171.0	188.0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N 50	TON	15,200.0	15,200.0	0.0
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 50	TON	2,878.0	0.0	2,878.0
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,000.0	592.0	408.0
40800030	AGGREGATE (PRIME COAT)	TON	20.0	12.0	8.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	839.0	497.0	342.0
44000085	HOT-MIX ASPHALT SURFACE REMOVAL (COLD MILL), SPECIAL	SQ YD	1,785.0	350.0	1,435.0
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	178,247.0	178,247.0	0.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	36,004.0	0.0	36,004.0
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1,553.0	1,553.0	0.0
44000196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	5,065.0	0.0	5,065.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5,270.0	5,250.0	20.0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	195.0	48.0	147.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5.0	4.0	1.0
67100100	MOBILIZATION	L SUM	1.0	0.8	0.2
70100450	TRAFFIC CONTROL ^{AND} PROTECTION, STANDARD 701201	L SUM	1.0	1.0	0.0
70100460	TRAFFIC CONTROL ^{AND} PROTECTION, STANDARD 701306	L SUM	1.0	1.0	0.0
70102620	TRAFFIC CONTROL ^{AND} PROTECTION, STANDARD 701501	L SUM	1.0	0.0	1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	23,960.0	18,820.0	5,140.0

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PLOT DATE = 4/10/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 697	SECTION 2RS-3&4RS-8	COUNTY Vermilion	TOTAL SHEETS 43	SHEET NO. 4
CONTRACT NO. 70764				
ILLINOIS FED. AID PROJECT				

CODE NO	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	LOCATION OF WORK:	
				FAP 697 IL. 9 VERMILION CO. RURAL TWO LANE STA 417+78 TO STA. 1096+21.5 100% STATE 1000	FAP 697 IL. 9 VERMILION CO. URBAN TWO LANE STA 1097+45.5 TO STA 1207+00 100% STATE 1000
70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS ^{AND} SYMBOLS	SQ FT	341.0	0.0	341.0
70300625	TEMPORARY PAINT PAVEMENT MARKING- LINE 4"	FOOT	176,425.0	157,785.0	18,640.0
70300635	TEMPORARY PAINT PAVEMENT MARKING- LINE 6"	FOOT	112.0	0.0	112.0
70300645	TEMPORARY PAINT PAVEMENT MARKING- LINE 12"	FOOT	275.0	0.0	275.0
70300660	TEMPORARY PAINT PAVEMENT MARKING- LINE 24"	FOOT	192.0	40.0	152.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3,011.0	2,118.0	893.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING- LETTERS ^{AND} SYMBOLS	SQ FT	341.0	0.0	341.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING- LINE 4"	FOOT	18,640.0	0.0	18,640.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING- LINE 6"	FOOT	112.0	0.0	112.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING- LINE 12"	FOOT	275.0	0.0	275.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING- LINE 24"	FOOT	152.0	0.0	152.0
* 78001110	PAINT PAVEMENT MARKING- LINE 4"	FOOT	157,785.0	157,785.0	0.0
* 78001180	PAINT PAVEMENT MARKING- LINE 24"	FOOT	40.0	40.0	0.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,085.0	844.0	241.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,075.0	844.0	231.0
X4401705	PARTIAL DEPTH REMOVAL	SQ YD	2,728.0	2,632.0	96.0
X4421000	PARTIAL DEPTH PATCHING	TON	1,340.0	1,290.0	50.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	0.0	1.0
Z0055600	RUMBLE STRIP	SQ YD	200.0	200.0	0.0
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	24.0	21.0	3.0

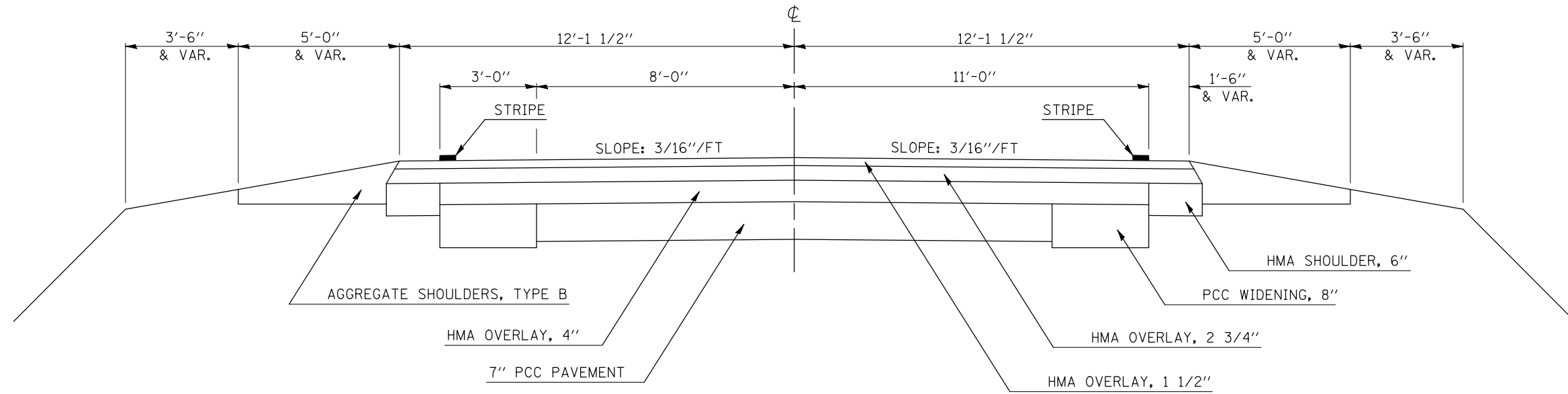
*SPECIALTY ITEM

FILE NAME =	USER NAME = ceo-lock.jd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p4_work\pwidot\cearlockjd\0115224\	570764-900.dgn	DRAWN -	REVISED -						697	2RS-3&4RS-8	Vermilion	43	5
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 70764				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 4/18/2009	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.			

OMISSION:
 IL 49 INTERSECTION
 STA. 520+67.00 TO STA. 524+14.00

① EXISTING TYPICAL CROSS SECTION

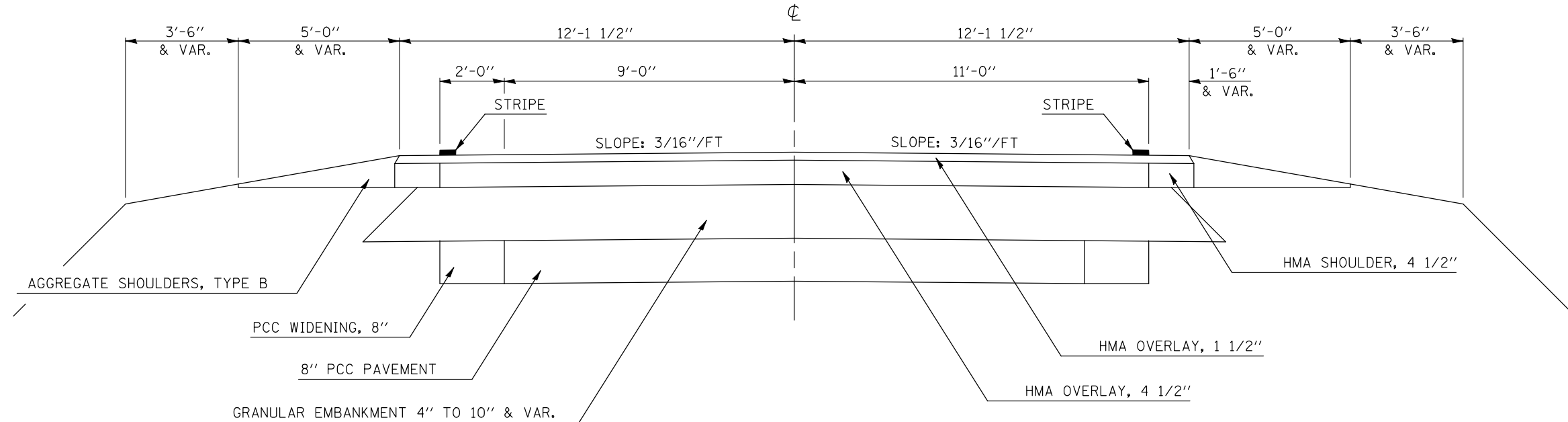
STATION	TO	STATION
417+78.00		418+36.50 (FORD CO. LINE)
418+35.50		455+25.00 ②
② 458+65.00		520+67.00 (IL 49 OMISSION)



OMISSION:
 S.N. 092-2022
 STA. 879+11.50 TO STA. 879+93.50

② EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION	STATION	TO	STATION
① 455+25.00		458+65.00 ①	③ 997+80.00		1019+00.00 ③
⑥ 816+00.00		824+00.00 ⑥	③ 1022+00.00		1036+00.00 ③
⑥ 848+00.00		857+00.00 ⑥	③ 1049+00.00		1057+00.00 ③
⑥ 875+00.00		879+11.50 (SN 010-2022 OMISSION)	③ 1059+00.00		1067+00.50 ③
③ 964+00.00		973+00.00 ③	③ 1075+00.00		1093+00.00 ③



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	PLOT DATE = 4/10/2009	DATE - 03/05/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

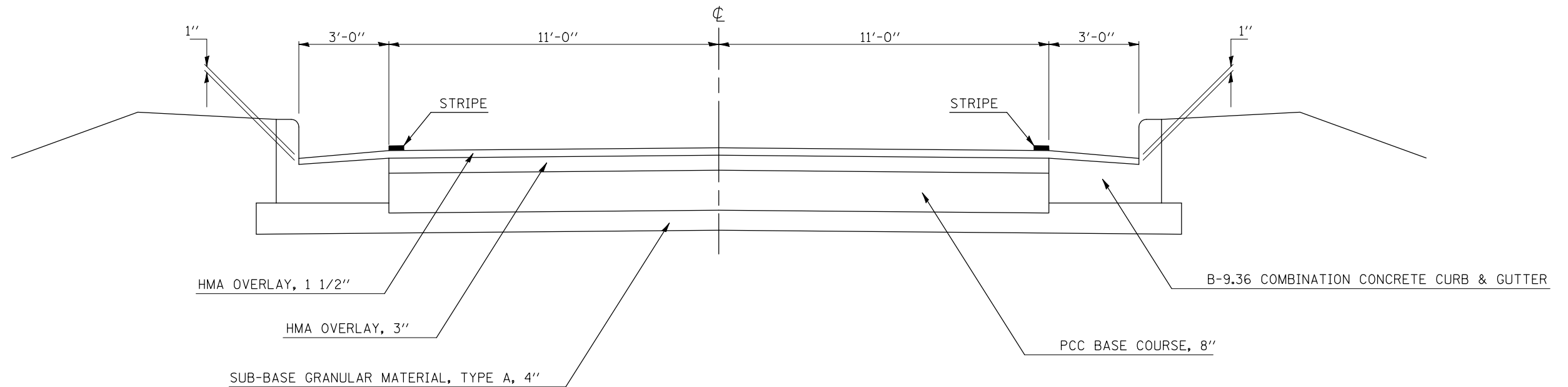
EXISTING TYPICAL CROSS SECTIONS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&4RS-8	Vermilion	43	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70764	

5) EXISTING TYPICAL CROSS SECTION (@ RAILROAD OVERHEAD)

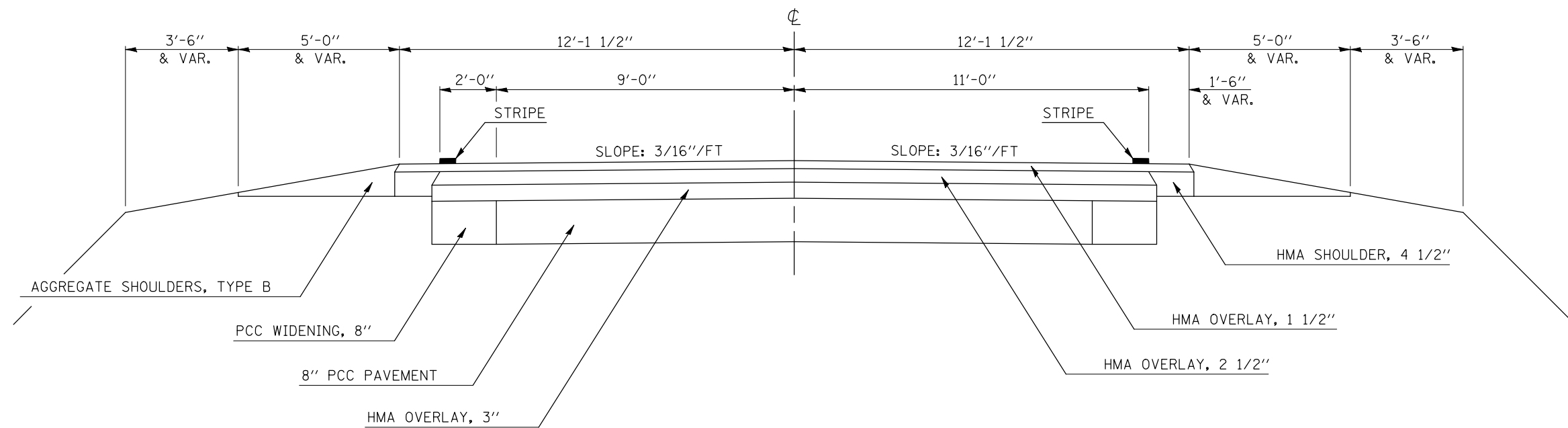
STATION TO STATION
 ③ 688+50.00 693+75.00 ③



NOTE: CATCH BASINS LOCATED @ STA. 691+00 & 691+05 LT & RT WERE RAISED TO MATCH TOP OF ASPHALT OVERLAY.

6) EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 ③ 812+00.00 816+00.00 ②
 ② 824+00.50 848+00.00 ②
 ② 857+00.00 875+00.00 ②
 ③ 881+85.00 884+00.00 ③



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	PLOT DATE = 4/10/2009	DATE - 03/05/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

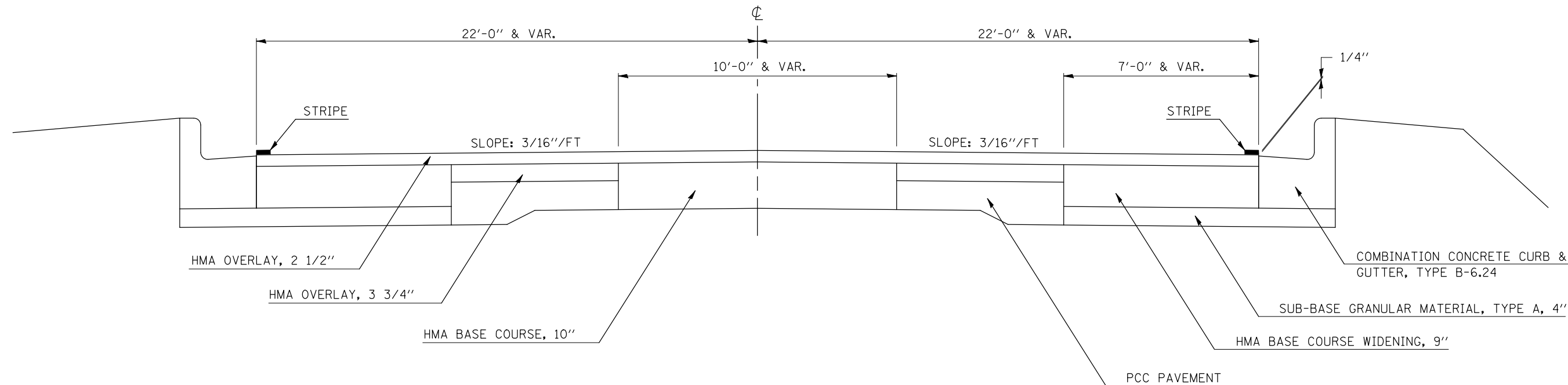
EXISTING TYPICAL CROSS SECTIONS

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70764			ILLINOIS FED. AID PROJECT	

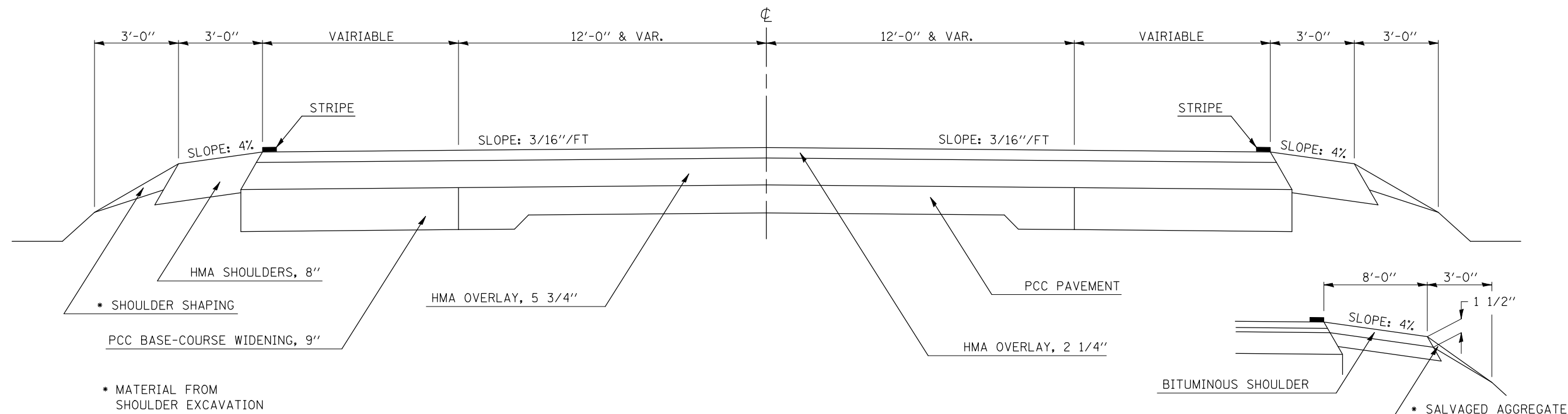
7 EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 (SN 092-0192 OMISSION) 1097+45.50 1108+64.00 ⑧



8 EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 ⑦ 1108+64.00 1115+50.00 ⑨



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

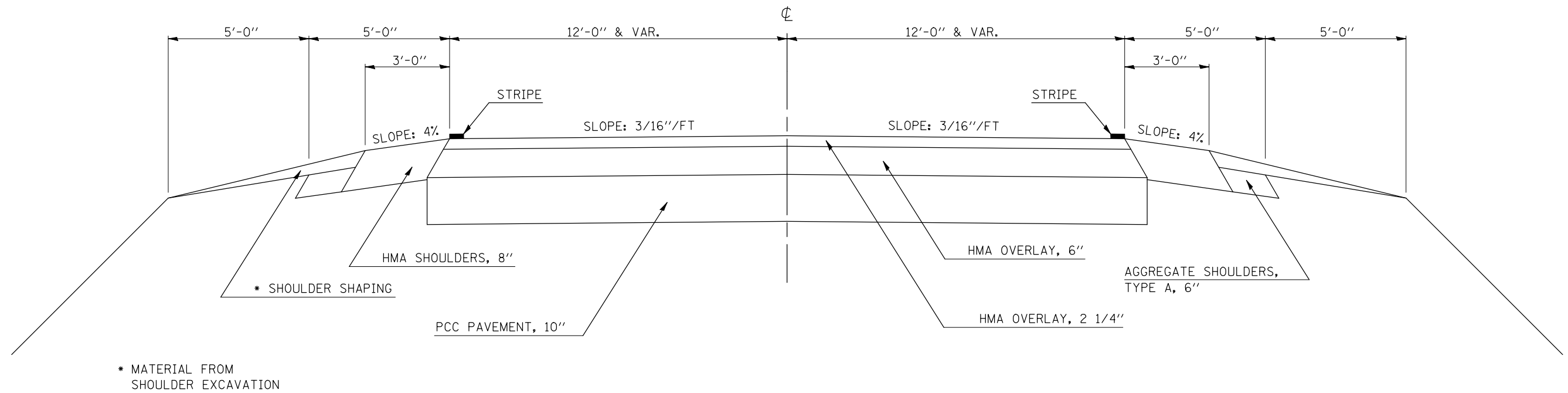
EXISTING TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&4RS-8	Vermillion	43	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70764	

9) EXISTING TYPICAL CROSS SECTION

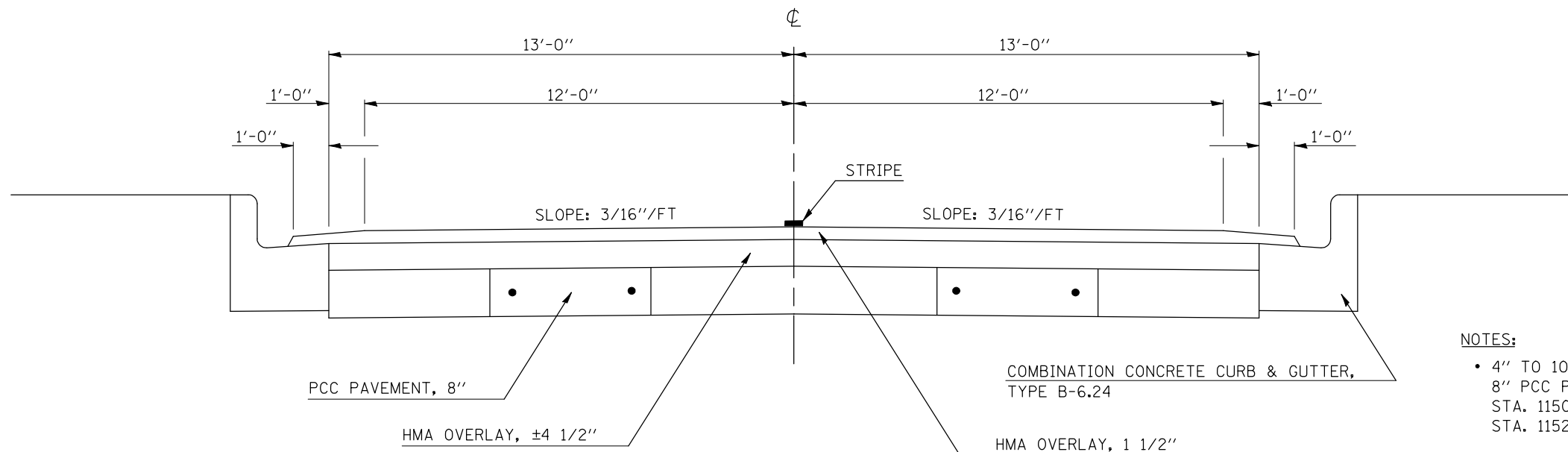
STATION TO STATION
 ⑧ 1115+50.00 1124+45.00 ⑩



OMISSION:
 RAILROAD
 STA. 1152+55.30 TO STA. 1152+65.30

10) EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 ⑨ 1124+45.00 1189+40.50 ⑪

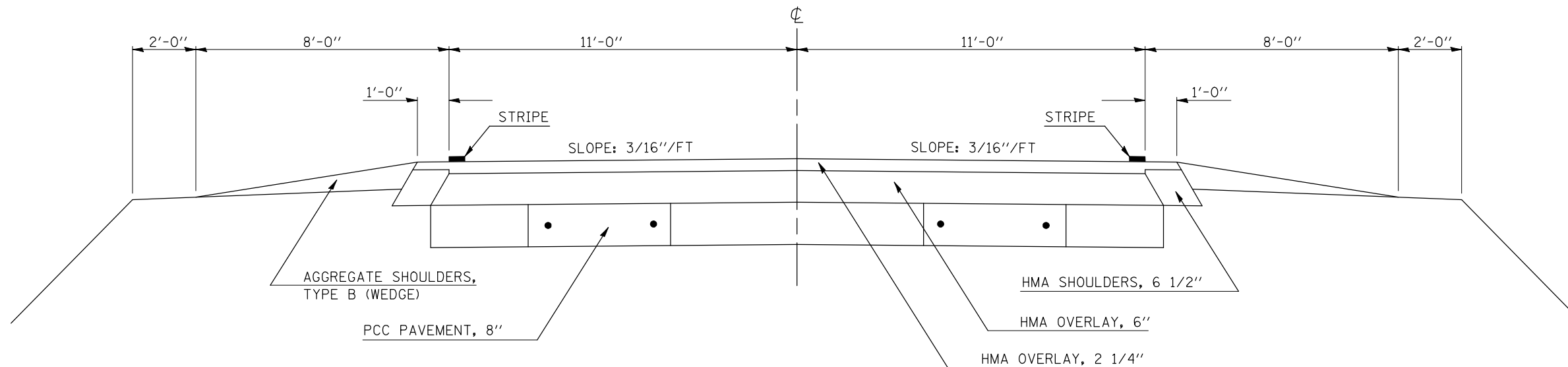


- NOTES:**
- 4" TO 10" GRANULAR EMBANKMENT BETWEEN 8" PCC PAVEMENT & 6" HMA OVERLAY STA. 1150+79 TO STA. 1152+43 & STA. 1152+87 TO STA. 1154+87
 - AT RT. STA. 1186+10, THE COMBINATION CONCRETE CURB & GUTTER ENDS & AGGREGATE SHOULDERS TYPE B BEGIN

FILE NAME =	USER NAME = ptersonbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PIWIDOT\PIERSONBR\d0115224\05	0764-shr-typical.dgn	DRAWN -	REVISED -		697	2RS-3&46RS-8	Vermilion	43	10				
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -						CONTRACT NO. 70764				
	PLOT DATE = 4/10/2009	DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

11 EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 1189+10.50 TO 1207+00.00



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED -
ct:\pw\work\PIWIDOT\PIERSONBR\d0115224\05	0764-sh-typical.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2009	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS

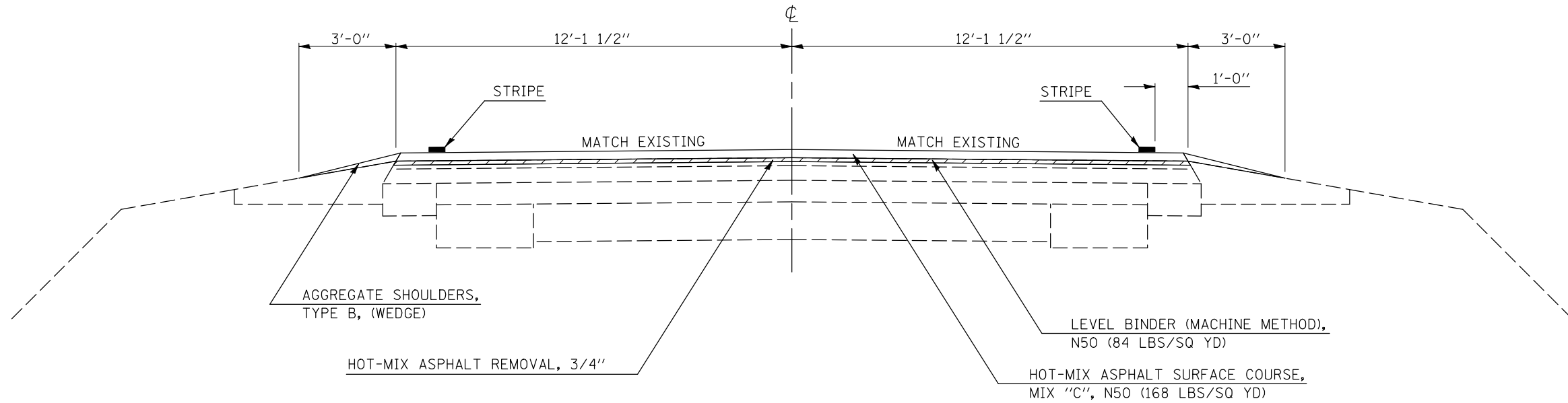
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&4RS-8	Vermilion	43	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70764	

OMISSION:
 IL 49 INTERSECTION
 STA. 520+67.00 TO STA. 524+14.00

1 PROPOSED TYPICAL CROSS SECTION

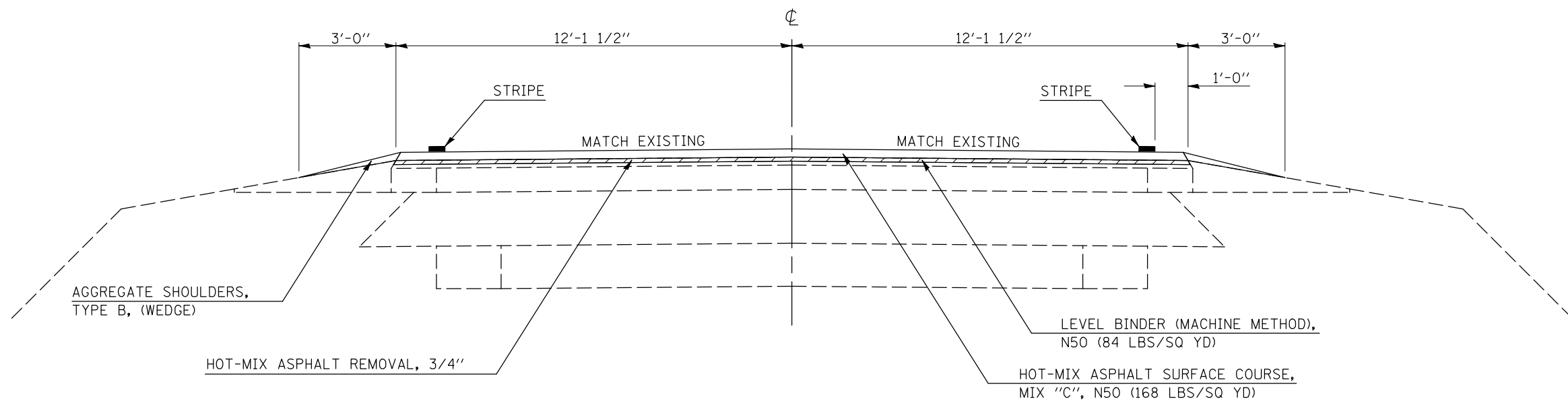
STATION	TO	STATION
417+78.00		418+36.50 (FORD CO. LINE)
418+35.50		455+25.00 ②
② 458+65.00		520+67.00 (IL 49 OMISSION)



OMISSION:
 S.N. 092-2022
 STA. 879+11.50 TO STA. 879+93.50

2 PROPOSED TYPICAL CROSS SECTION

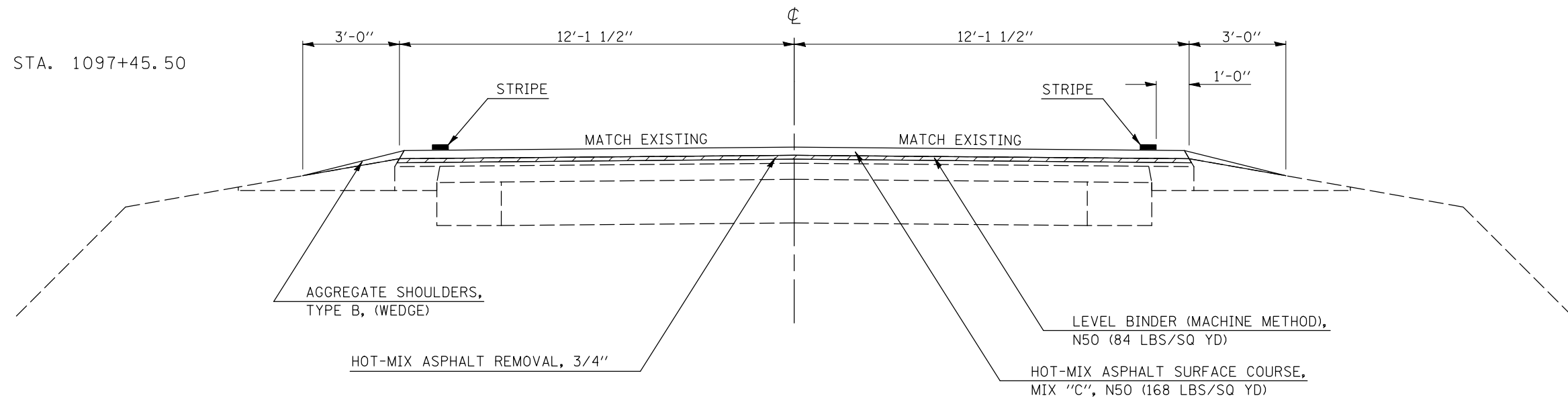
STATION	TO	STATION	STATION	TO	STATION
① 455+25.00		458+65.00 ①	③ 997+80.00		1019+00.00 ③
⑥ 816+00.00		824+00.00 ⑥	③ 1022+00.00		1036+00.00 ③
⑥ 848+00.00		857+00.00 ⑥	③ 1049+00.00		1057+00.00 ③
⑥ 875+00.00		879+11.50 (SN 010-2022 OMISSION)	③ 1059+00.00		1067+00.50 ③
③ 964+00.00		973+00.00 ③	③ 1075+00.00		1093+00.00 ③



3 PROPOSED TYPICAL CROSS SECTION

OMISSIONS:	(IL 49 OMISSION)	STATION	TO	STATION		STATION	TO	STATION	
S. N. 092-0045		④ 687+25.00		584+50.00 ④		② 1019+00.00		1022+00.00 ②	
STA. 714+58.50 TO STA. 715+61.50		⑤ 693+75.00		688+50.00 ⑤		② 1036+00.00		1049+00.00 ②	
		879+93.50		812+00.00 ⑥		② 1057+00.00		1059+00.00 ②	
S. N. 092-0046		⑥ 884+00.00		881+85.00 ⑥		② 1067+00.00		1075+00.50 ②	
STA. 804+07.50 TO STA. 804+72.50		② 973+00.00		964+00.00 ②		② 1093+00.00		1096+21.50 (S. N. 092-0192 OMISSION)	

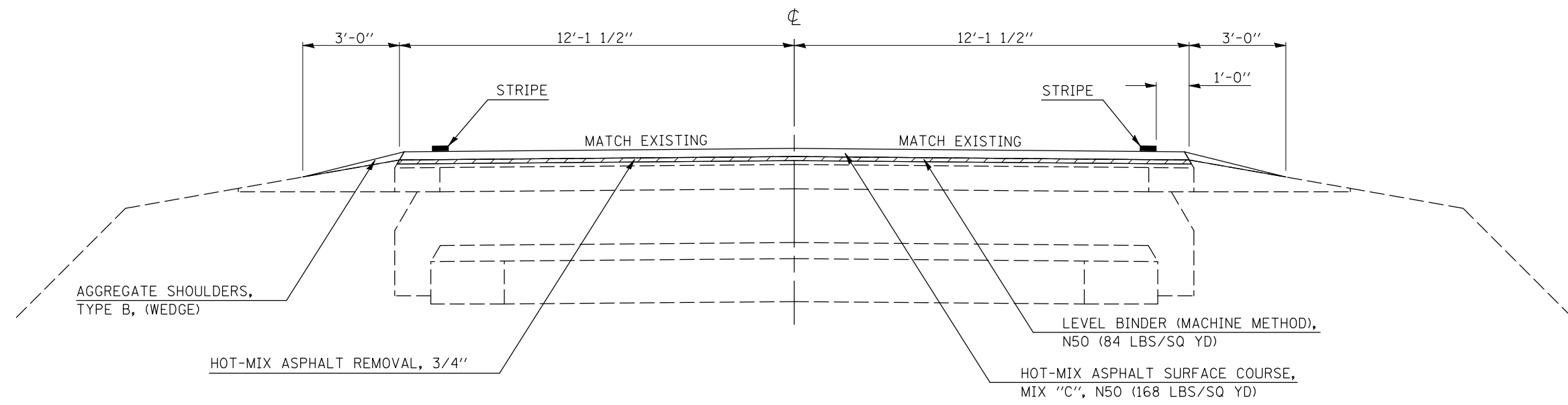
S. N. 092-0192
STA. 1096+21.50 TO STA. 1097+45.50



4 PROPOSED TYPICAL CROSS SECTION

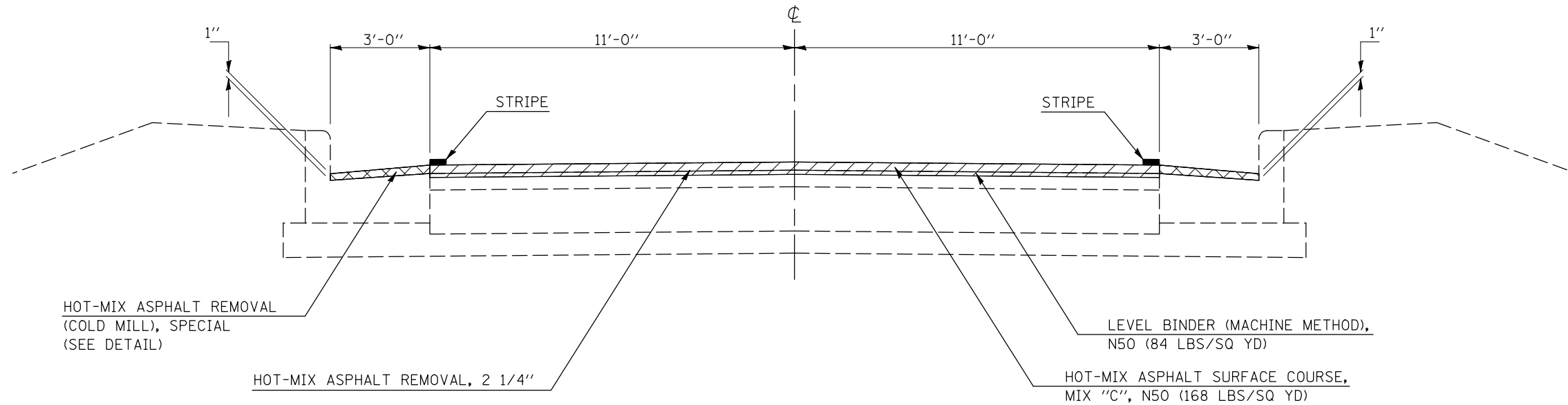
OMISSION:
S. N. 092-0043
STA. 624+66.50 TO STA. 625+42.50

STATION	TO	STATION
③ 584+50.00		624+66.50 (SN 092-0043 OMISSION)
625+42.50		687+25.00 ③



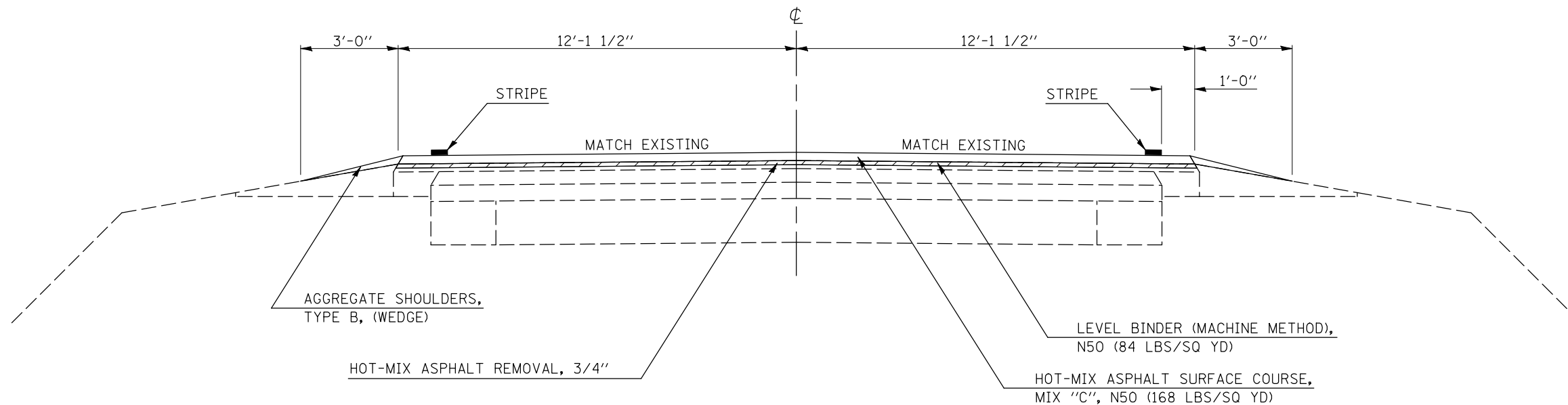
5 PROPOSED TYPICAL CROSS SECTION (@ RAILROAD OVERHEAD)

STATION TO STATION
 ③ 688+50.00 693+75.00 ③



6 PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 ③ 812+00.00 816+00.00 ②
 ② 824+00.50 848+00.00 ②
 ② 857+00.00 875+00.00 ②
 ③ 881+85.00 884+00.00 ③



FILE NAME =	USER NAME = ptersonbr	DESIGNED - WLP	REVISED -
ct:\pw\work\PIWIDOT\PIERSONBR\d0115224\05	0764-sh-typical.dgn	DRAWN - JDC	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2009	DATE - 03/05/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

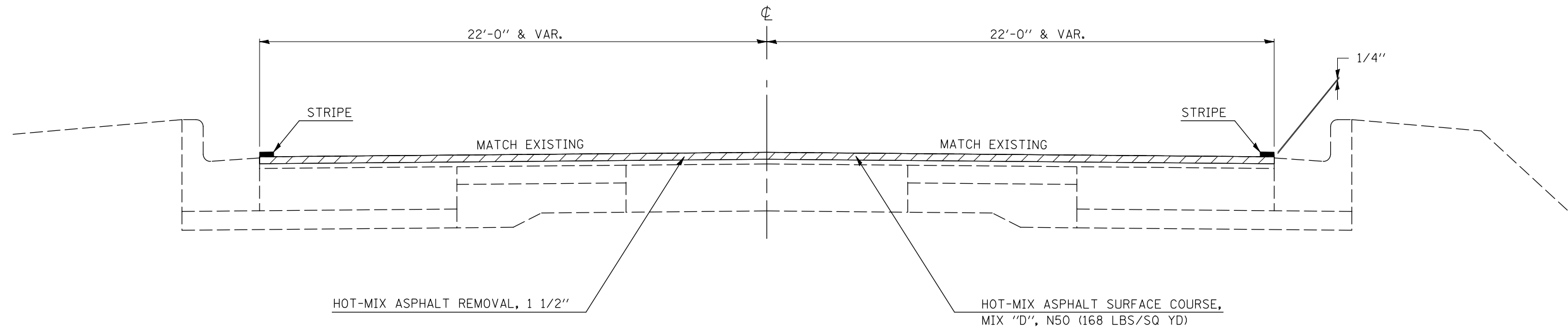
PROPOSED TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&4RS-8	Vermilion	43	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70764	

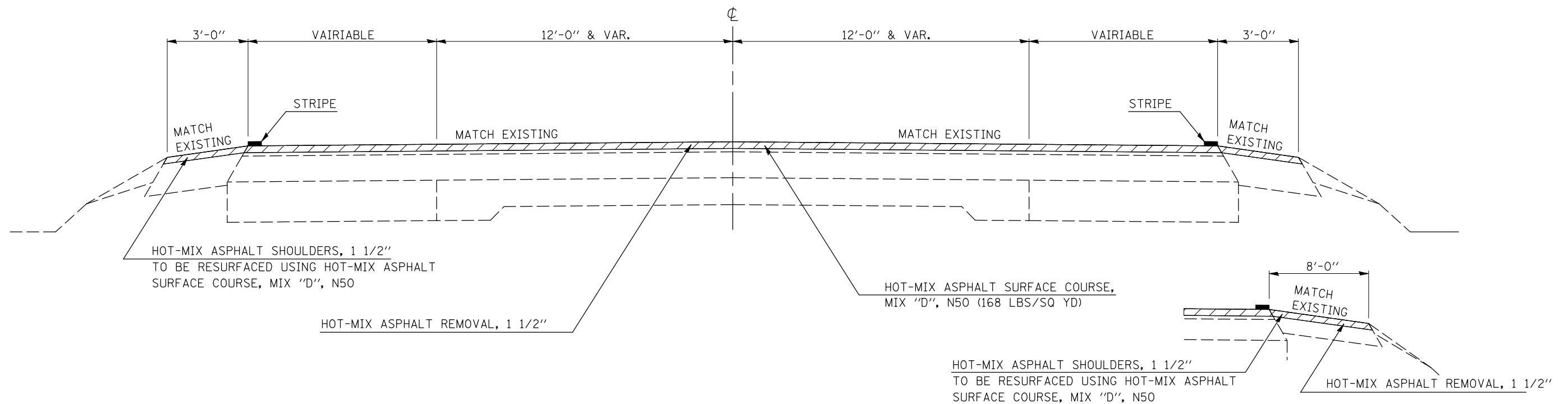
7 PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 (SN 092-0192 OMISSION) 1097+45.50 1108+64.00 ⑧



8 PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 ⑦ 1108+64.00 1115+50.00 ⑨



SHOULDER RESURFACING
 (RT.) STA. 1108+58 TO STA. 1112+10

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED -
ct:\pwork\PIWIDOT\PIERSONBR\d0115224\05764-sh-typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 4/10/2009		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

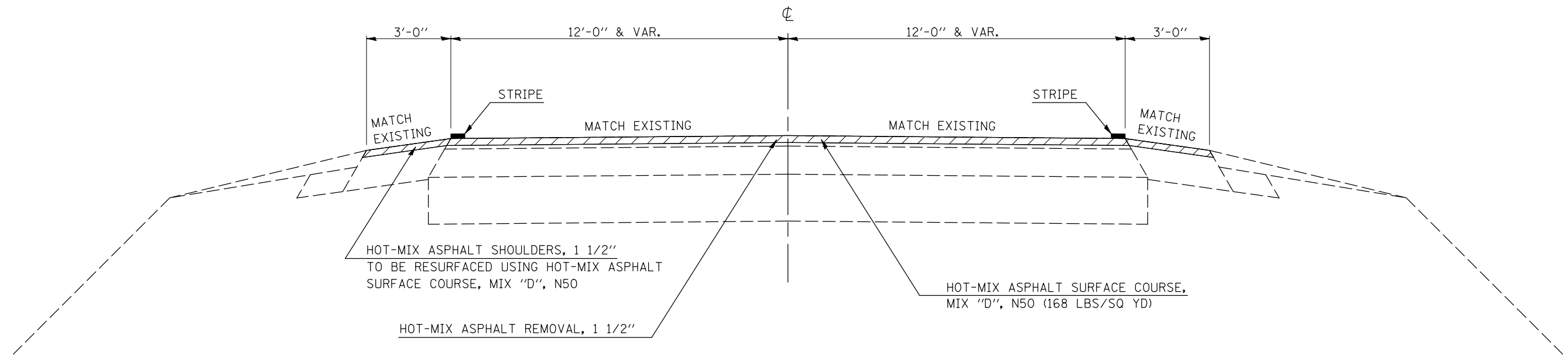
PROPOSED TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&4RS-8	Vermilion	43	15
CONTRACT NO. 70764			ILLINOIS FED. AID PROJECT	

9) PROPOSED TYPICAL CROSS SECTION

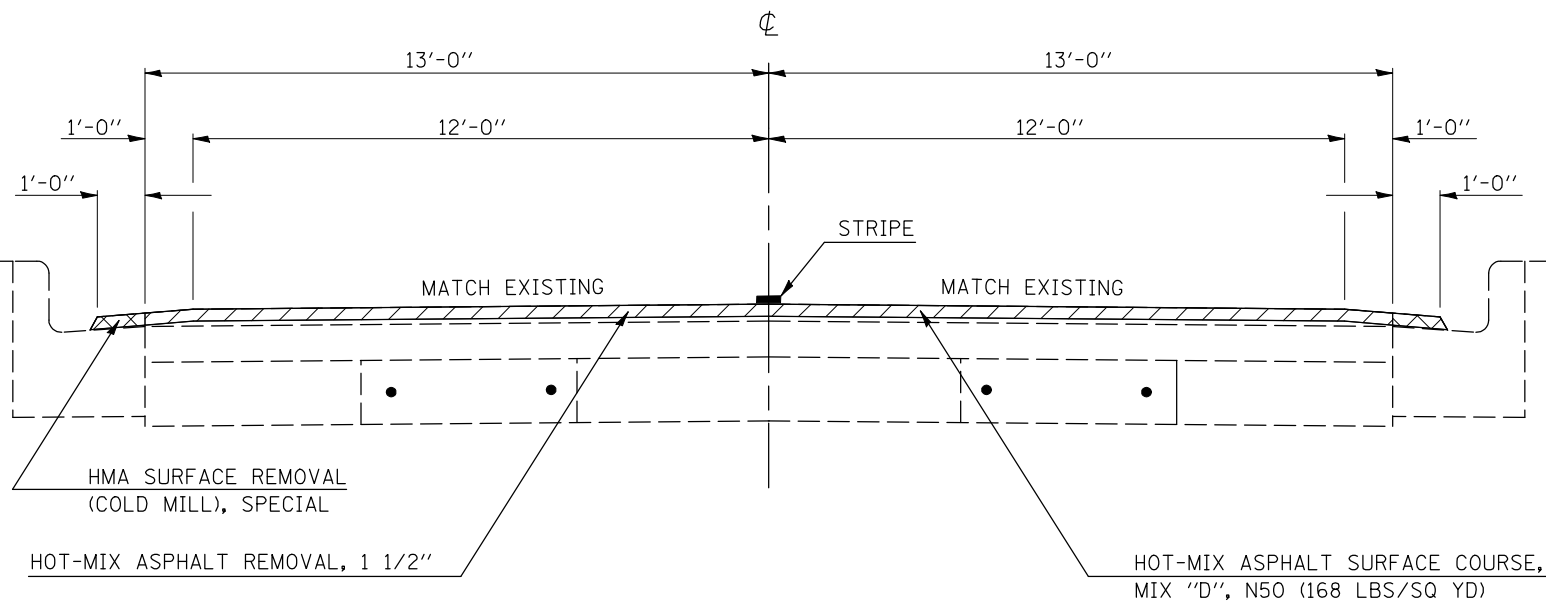
STATION TO STATION
 ⑧ 1115+50.00 1124+45.00 ⑩



OMISSION:
 RAILROAD
 STA. 1152+55.30 TO STA. 1152+65.30

10) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 ⑨ 1124+45.00 1189+40.50 ⑪



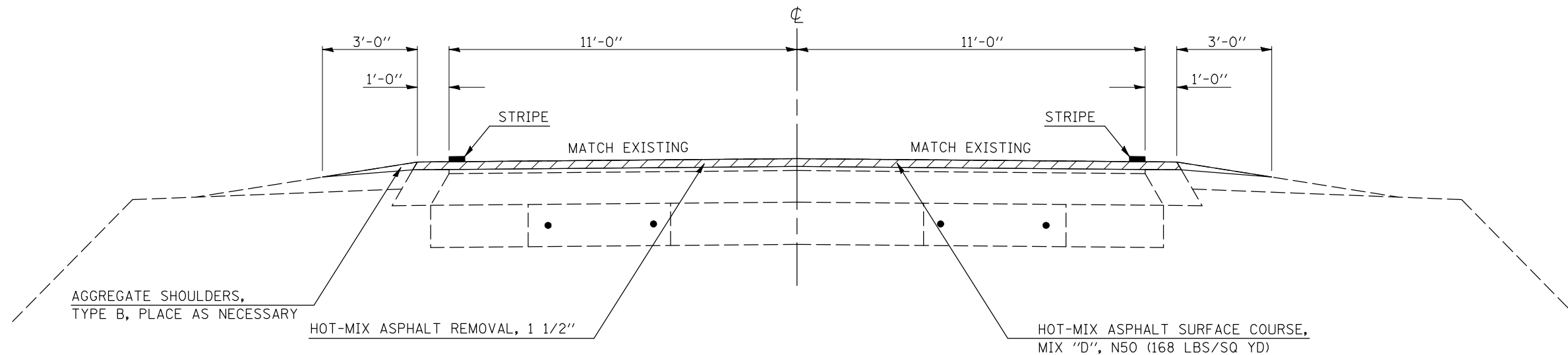
NOTES:

- 4" TO 10" GRANULAR EMBANKMENT BETWEEN 8" PCC PAVEMENT & 6" HMA OVERLAY STA. 1150+79 TO STA. 1152+43 & STA. 1152+87 TO STA. 1154+87
- AT RT. STA. 1186+10, THE COMBINATION CONCRETE CURB & GUTTER ENDS & AGGREGATE SHOULDERS TYPE B BEGIN

FILE NAME =	USER NAME = ptersonbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PIWIDOT\PIERSONBR\d0115224\05	0764-sh-typical.dgn	DRAWN -	REVISED -		697	2RS-3&4RS-8	Vermilion	43	16				
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 70764				
	PLOT DATE = 4/10/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

11 PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 1189+10.50 1207+00.00



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PIWIDOT\PIERSONBR\d0115224\05	0764-shr-typical.dgn	DRAWN -	REVISED -					697	2RS-3&46RS-8	Vermilion	43	17
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70764		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 4/10/2009	DATE -	REVISED -									

40600625 LEVELING BINDER (MACHINE METHOD) N 50 - RURAL

STATION	TO	STATION	LENGTH(FT)	WIDTH (FT)	AREA (SQ. YD.)	(TON)
LT/RT	417+80	LT/RT 520+35	10,255.00	24.25	27,631.53	1,160.52
LT/RT	524+45	LT/RT 624+35	9,990.00	24.25	26,917.50	1,130.54
LT/RT	625+75	LT/RT 688+50	6,275.00	24.25	16,907.64	710.12
LT/RT	693+75	LT/RT 714+25	2,050.00	24.25	5,523.61	231.99
LT/RT	715+95	LT/RT 803+75	8,780.00	24.25	23,657.22	993.60
LT/RT	805+05	LT/RT 878+80	7,375.00	24.25	19,871.53	834.60
LT/RT	880+25	LT/RT 1095+90	21,565.00	24.25	58,105.69	2,440.44
RR	OVERHEAD					
LT/RT	688+50	LT/RT 693+75	525.00	22.00	1,283.33	53.90
OMISSIONS					-167.46	-7.03
Add 5300' @ 1 1/2" thickness 1" wide to help with safety shoulder replacement:						49.50
TOTAL=					7,598.19	
USE=					7,600.0	

40600982 HMA SURFACE REMOVAL (BUTT JOINT) - RURAL

STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
417+48		417+78	30.00	24.25	80.83
520+07		520+37	30.00	24.25	80.83
524+44		524+74	30.00	24.25	80.83
624+36		624+66	30.00	24.25	80.83
625+42		625+72	30.00	24.25	80.83
714+29		714+59	30.00	24.25	80.83
715+62		715+92	30.00	24.25	80.83
803+78		804+08	30.00	24.25	80.83
804+73		805+03	30.00	24.25	80.83
878+82		879+12	30.00	24.25	80.83
879+94		880+24	30.00	24.25	80.83
1095+92		1096+22	30.00	24.25	80.83
SUBTOTAL=					970.0
*SIDEROADS & ENTRANCES					2096.9
TOTAL=					3,066.9
USE=					3,067.0

*See incidental schedules for locations

40600990 TEMPORARY RAMP - RURAL

STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)		
417+48		417+53	5.00	24.25	13.47		
520+32		520+37	5.00	24.25	13.47		
524+44		524+49	5.00	24.25	13.47		
624+36		624+41	5.00	24.25	13.47		
625+42		625+47	5.00	24.25	13.47		
714+29		714+34	5.00	24.25	13.47		
715+62		715+67	5.00	24.25	13.47		
803+78		803+83	5.00	24.25	13.47		
804+73		804+78	5.00	24.25	13.47		
878+82		878+87	5.00	24.25	13.47		
879+94		879+99	5.00	24.25	13.47		
1096+17		1096+22	5.00	24.25	13.47		
SUBTOTAL=					161.7		
SIDEROAD EAST LYNN NORTH					2.00	20.0	4.44
SIDEROAD EAST LYNN SOUTH					2.00	21.0	4.67
TOTAL=					170.8		

40600990 TEMPORARY RAMP - URBAN

STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
1097+46		1097+51	5.00	26.00	14.44
6th. Ave.		LT 1125+16	2.00	26.00	5.78
6th. Ave.		RT 1125+16	2.00	26.00	5.78
5th. Ave.		LT 1129+97	2.00	26.00	5.78
4th. Ave.		LT 1134+87	2.00	26.00	5.78
McKinley		RT 1135+71	2.00	28.00	6.22
3rd. Ave.		LT 1139+72	2.00	26.00	5.78
3rd. Ave.		RT 1139+72	2.00	25.00	5.56
2nd. Ave.		LT 1144+67	2.00	30.00	6.67
2nd. Ave.		RT 1144+70	2.00	25.00	5.56
1st. Ave.		LT 1149+52	2.00	28.00	6.22
RR		1152+55	5.00	26.00	14.44
RR		1162+65	5.00	26.00	14.44
Market		LT 1158+91	5.00	34.00	18.89
3rd. St.		LT 1163+32	2.00	27.00	6.00
4th. St.		LT 1167+64	2.00	26.00	5.78
5th. St.		LT 1171+99	2.00	26.00	5.78
6th. St.		LT 1176+23	2.00	26.00	5.78
1550 E		RT 1179+57	5.00	26.00	14.44
7th. St.		LT 1180+34	2.00	28.00	6.22
Lockhart		RT 1199+72	2.00	35.00	7.78
1206+95		1207+00	5.00	26.00	14.44
TOTAL=					187.6
JOB TOTAL=					358.4
USE =					359.0

40603310 HMA SURF CRSE. MIX "C". N 50 - RURAL

STATION	TO	STATION	LENGTH(FT)	WIDTH (FT)	AREA (SQ. YD.)	(TON)		
LT/RT	0417+48	LT/RT 0520+67	10319.00	24.25	27803.97	2335.53		
LT/RT	0524+14	LT/RT 0624+66	10052.00	24.25	27084.56	2275.10		
LT/RT	0625+42	LT/RT 0714+59	8916.50	24.25	24025.01	2018.10		
LT/RT	0715+62	LT/RT 0804+08	8846.00	24.25	23835.06	2002.14		
LT/RT	0804+73	LT/RT 0879+12	7439.50	24.25	20045.32	1683.81		
LT/RT	0879+94	LT/RT 1096+22	21627.50	24.25	58274.10	4895.02		
STA. EQUAT. OMISSION					-62.15	24.25	-167.46	-14.07
TOTAL=						15,195.6		
USE=						15,200.0		

40603335 HMA SURF CRSE. MIX "D". N 50 - URBAN MAINLINE

STATION	TO	STATION	LENGTH(FT)	WIDTH (FT)	AREA (SQ. YD.)	(TON)
LT/RT	1097+48	LT/RT 1152+55	5507.00	VAR	18,137.11	1,523.52
R.R. OMISSION						
LT/RT	1152+65	LT/RT 1207+00	5435.00	VAR	16,124.67	1,354.47
TOTAL=						2,877.99
USE =						2,878.00

*URBAN HMA SHOULDERS TO BE RESURFACED USING HMA SURFACE, MIX "D", N50 AND PAID FOR USING THE HMA SHOULDERS PAY ITEM

44000085 HMA SURFACE REMOVAL (COLD MILL), SPECIAL - RURAL

STATION	TO	STATION	LENGTH(FT)	WIDTH (FT)	AREA (SQ. YD.)
LT	688+50	693+75	525.00	3.00	175.00
RT	688+50	693+75	525.00	3.00	175.00
SUB-TOTAL=					350.00

44000085 HMA SURFACE REMOVAL (COLD MILL), SPECIAL - URBAN

STATION	TO	STATION	LENGTH(FT)	WIDTH (FT)	AREA (SQ. YD.)
LT	1124+25	1152+50	2825.00	1.00	313.89
RT	1124+25	1152+50	2825.00	1.00	313.89
LT	1152+80	1189+10	3630.00	1.00	403.33
RT	1152+80	1189+10	3630.00	1.00	403.33
SUB-TOTAL=					1,434.44
USE =					1435.0
JOB TOTAL=					1785.0

*HMA removal in CC&G areas where gutter pan is overlaid

44000152 HMA SURFACE REMOVAL 3/4"- RURAL

STATION	TO	STATION	LENGTH(FT)	WIDTH (FT)	AREA (SQ. YD.)
LT/RT	417+78	520+37	10259.00	24.25	27642.31
LT/RT	524+44	624+36	9992.00	24.25	26922.89
LT/RT	625+72	688+00	6228.00	24.25	16781.00
LT/RT	694+25	714+29	2003.50	24.25	5398.32
LT/RT	715+92	803+78	8786.00	24.25	23673.39
LT/RT	805+03	878+82	7379.50	24.25	19883.65
LT/RT	880+24	1095+92	21,567.50	24.25	58112.43
STA. EQN. DEDUCT			-62.15	24.25	-167.46
TOTAL=					178,246.53
USE=					178,247.0

44000155 HMA SURFACE REMOVAL 1 1/2"- URBAN MAINLINE

STATION	TO	STATION	LENGTH (FT)	WIDTH(FT)	AREA (SQ. YD.)
LT/RT	1097+48	LT/RT 1152+55	5507.00	VAR	18,137.11
R.R. OMISSION					
LT/RT	1152+65	LT/RT 1207+00	5435.00	VAR	16,124.67
SUB-TOTAL=					34,261.8

44000155 HMA SURFACE REMOVAL 1 1/2"- URBAN SHOULDERS

STATION	TO	STATION	LENGTH (FT)	WIDTH(FT)	AREA (SQ. YD.)
LT	1097+48	LT 1099+70	222.00	3.70	91.27
RT	1097+48	RT 1100+00	252.00	4.00	112.00
RT	1100+00	RT 1103+80	380.00	9.00	380.00
RT	1108+58	RT 1112+10	352.00	8.00	312.89
RT	1112+10	RT 1124+45	1235.00	3.00	411.67
LT	1111+42	LT 1124+45	1303.00	3.00	434.33
SUB-TOTAL=					1,742.2
JOB TOTAL=					36,004

44000158 HMA SURFACE REMOVAL 2 1/4"- RURAL

STATION	TO	STATION	LENGTH (FT)	WIDTH(FT)	AREA (SQ. YD.)
R.R. OVERHEAD					
LT/RT	688+00	LT/RT 688+50	50.00	24.25	134.72
LT/RT	688+50	LT/RT 693+75	525.00	22.00	1283.33
LT/RT	693+75	LT/RT 694+25	50.00	24.25	134.72
TOTAL=					1552.8
USE:					1,553.0

48101200 AGGREGATE SHOULDERS, TYPE B - RURAL

STATION	TO	STATION	DESCRIPTION	LENGTH(FT)	WIDTH (FT)	(TON)
417+78		1096+22	WESTBOUND	67,843.80	3.00	
417+78		1096+22	EASTBOUND	67,843.80	3.00	
						5,250.0

48101200 AGGREGATE SHOULDERS, TYPE B - URBAN

STATION	TO	STATION	DESCRIPTION	LENGTH(FT)	WIDTH (FT)	(TON)
Existing agg. in good shape - use 20 ton to dress up any deficient areas						20.00
TOTAL=						20.0
CONVERSION FACTOR USED: 1.85 TON/ CY						JOB TOTA 5,270.0

48203100 HMA SHOULDERS - RURAL

STATION	TO	STATION	LENGTH(FT)	WIDTH (FT)	AREA (SQ. YD.)	(TON)	
LT	623+16	LT	624+66	150.00	1.50	25.00	2.10
RT	623+16	RT	624+66	150.00	1.50	25.00	2.10
LT	625+42	LT	626+92	150.00	1.50	25.00	2.10
RT	625+42	RT	626+92	150.00	1.50	25.00	2.10
LT	713+09	LT	714+59	150.00	1.60	26.67	2.24
RT	713+09	RT	714+59	150.00	2.00	33.33	2.80
LT	715+62	LT	717+12	150.00	1.60	26.67	2.24
RT	715+62	RT	717+11	149.00	2.00	33.11	2.78
LT	877+44	LT	879+12	168.00	2.00	37.33	3.14
RT	877+44	RT	879+12	168.00	2.00	37.33	3.14
LT	879+94	LT	881+17	123.00	2.00	27.33	2.30
RT	879+94	RT	881+06	112.00	2.00	24.89	2.09
LT	1094+34	LT	1096+56	222.00	5.00	123.33	10.36
RT	1094+34	RT	1096+56	222.00	4.00	98.67	8.29
SUB-TOTAL =						48.0	

*48203100 HMA SHOULDERS - URBAN

STATION	TO	STATION	LENGTH(FT)	WIDTH (FT)	AREA (SQ. YD.)	(TON)	
LT	1097+48	LT	1099+70	222.00	3.70	91.27	7.67
RT	1097+48	RT	1100+00	252.00	4.00	112.00	9.41
RT	1100+00	RT	1103+80	380.00	9.00	380.00	31.92
RT	1108+58	RT	1112+10	352.00	8.00	312.89	26.28
RT	1112+10	RT	1124+45	1235.00	3.00	411.67	34.58
LT	1111+42	LT	1124+45	1303.00	3.00	434.33	36.48
SUB-TOTAL =						147.0	

*URBAN HMA SHOULDERS TO BE RESURFACED USING HMA SURFACE, MIX "D", N50 AND PAID FOR USING THE HMA SHOULDERS PAY ITEM

JOB TOTAL= 195.0

70300100 SHORT TERM PAVEMENT MARKING - RURAL

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR	
C/L	417+78	C/L	1096+22	6,112.0	YELLOW	
C/L	417+78	C/L	1096+22	6,112.0	YELLOW	
C/L	417+78	C/L	1096+22	6,112.0	YELLOW	
RT. 9/ EAST LYNN ROAD NORTH				STOP BAR (1st. Application)	120.0	WHITE
RT. 9/ EAST LYNN ROAD NORTH				STOP BAR (2nd. Application)	120.0	WHITE
RT. 9/ EAST LYNN ROAD SOUTH				STOP BAR (1st. Application)	120.0	WHITE
RT. 9/ EAST LYNN ROAD SOUTH				STOP BAR (2nd. Application)	120.0	WHITE
SUB-TOTAL=				18,820.0		

70300100 SHORT TERM PAVEMENT MARKING - URBAN

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR	
C/L	1097+48	C/L	1207+00	847.5	YELLOW	
C/L	1097+48	C/L	1207+00	847.5	YELLOW	
IL. 9/ IL. 1 INTERSECTION				MEDIANS (1st. Application)	500.0	YELLOW
IL. 9/ IL. 1 INTERSECTION				MEDIANS (2nd. Application)	500.0	YELLOW
IL. 9/ IL. 1 INTERSECTION				TURN LANES (1st. Application)	200.0	WHITE
IL. 9/ IL. 1 INTERSECTION				TURN LANES (2nd. Application)	200.0	WHITE
				STOP BAR (1st. Application)	570.0	WHITE
				STOP BAR (2nd. Application)	570.0	WHITE
5th. St.				CROSS WALK (1st. Application)	112.0	WHITE
				CROSS WALK (2nd. Application)	112.0	WHITE
@ RR				STOP BARS (1st. Application)	144.0	WHITE
@ RR				STOP BARS (2nd. Application)	144.0	WHITE
IL. 9/ IL. 1 INTERSECTION				TURN ARROWS (1st. Application)	195.0	WHITE
IL. 9/ IL. 1 INTERSECTION				TURN ARROWS (2nd. Application)	195.0	WHITE
SUB-TOTAL=				5,137.0		
USE =				5,140.0		
JOB TOTAL=				23,960.0	FEET	

70300610 TEMPORARY PAINT PAVEMENT MARKING LINE LETTERS & SYMBOLS - URBAN

LOCATION	SYMBOL	EACH	AREA SQ. FT. (FROM ART. 780.12)	QUANTITY (SQ. FT)	COLOR
WEST IL. 9/ IL. 1	ARROWS	7	15.60	109.2	WHITE
EAST IL. 9/ IL. 1	ARROWS	7	15.60	109.2	WHITE
RR EB	"R"	2	3.60	7.2	WHITE
RR EB	"X"	1	54.00	54.0	WHITE
RR WB	"R"	2	3.60	7.2	WHITE
RR WEB	"X"	1	54.00	54.0	WHITE
TOTAL=				340.8	SQ. FT.
USE =				341.0	SQ. FT.

70300625 TEMPORARY PAINT PAVEMENT MARKING LINE 4" - RURAL

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
LT/RT 417+78		LT/RT 1096+22	EDGE LINE	133,155.0	WHITE
C/L 417+78		C/L 1096+22	SKIP-DASH	16,880.0	YELLOW
RT 553+93		RT 559+21	NO PASSING	528.0	YELLOW
LT 565+55		LT 570+83	NO PASSING	528.0	YELLOW
RT 643+83		RT 649+11	NO PASSING	528.0	YELLOW
LT 657+84		LT 663+12	NO PASSING	528.0	YELLOW
RT 692+55		RT 697+83	NO PASSING	528.0	YELLOW
LT 703+60		LT 715+48	NO PASSING	1,188.0	YELLOW
RT 758+33		RT 763+61	NO PASSING	528.0	YELLOW
LT 772+72		LT 778+00	NO PASSING	528.0	YELLOW
RT 775+35		RT 781+35	NO PASSING	600.0	YELLOW
LT 785+58		LT 794+38	NO PASSING	880.0	YELLOW
RT 1057+70		RT 1062+98	NO PASSING	528.0	YELLOW
LT 1066+70		LT 1072+50	NO PASSING	580.0	YELLOW
LT/RT 1096+22		LT/RT 1097+46	EDGE LINE	248.0	WHITE
C/L 1096+22		C/L 1097+46	SKIP-DASH	30.0	YELLOW
SUB-TOTAL=				157,785.0	

70300625 TEMPORARY PAINT PAVEMENT MARKING LINE 4" - URBAN

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR	
LT/RT 1097+46		LT/RT 1103+92	EDGE LINE	1,288.0	WHITE	
LT 1108+47		LT 1110+50	EDGE LINE	203.0	WHITE	
RT 1108+47		LT 1124+60	EDGE LINE	1,613.0	WHITE	
LT 1111+42		LT 1124+44	EDGE LINE	1,302.0	WHITE	
LT 1190+12		LT 1207+00	EDGE LINE	1,688.0	WHITE	
RT 1189+10		RT 1207+00	EDGE LINE	1,790.0	WHITE	
C/L 1097+48		C/L 1207+00	SKIP-DASH	2,371.0	YELLOW	
			MEDIAN	4,917.0	YELLOW	
		1101+26	1103+92	TURN LANE	266.0	WHITE
		1104+77	1105+75	TURN LANE	98.0	YELLOW
		1106+27	1107+53	TURN LANE	126.0	YELLOW
		1108+47	1110+50	TURN LANE	203.0	YELLOW
EB 1147+60		EB 1152+55	NO PASSING	495.0	YELLOW	
WB 1150+60		WB 1152+55	NO PASSING	195.0	YELLOW	
EB 1152+65		EB 1156+30	NO PASSING	365.0	YELLOW	
WB 1152+65		WB 1156+90	NO PASSING	425.0	YELLOW	
EB 1190+10		EB 1196+65	NO PASSING	655.0	YELLOW	
WB 1200+60		WB 1207+00	NO PASSING	640.0	YELLOW	
SUB-TOTAL=				18,640.0		
JOB TOTAL=				176,425.0		

70300635 TEMPORARY PAINT PAVEMENT MARKING LINE 6" - URBAN

USE FOR CROSSWALK AT 5TH STREET IN HOOPESTON

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
TOTAL= 112.0 FEET WHITE					

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
1098+80		1100+76	MEDIAN	45.0	YELLOW
1101+26		1105+60	MEDIAN	108.0	YELLOW
1106+42		1109+80	MEDIAN	72.0	YELLOW
1111+52		1113+77	MEDIAN	50.0	YELLOW
TOTAL=				275.0	FEET

70300645 TEMPORARY PAINT PAVEMENT MARKING LINE 12" - URBAN

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
TOTAL= 275.0 FEET					

70300660 TEMPORARY PAINT PAVEMENT MARKING- 24" - RURAL

STATION	LOCATION	QUANTITY (FT)	COLOR
EAST LYNN RD NORTH	STOP BAR	20.0	WHITE
EAST LYNN RD SOUTH	STOP BAR	20.0	WHITE
SUB-TOTAL=		40.0	

STATION	LOCATION	QUANTITY (FT)	COLOR
1105+57	STOP BAR	12.0	WHITE
1105+75	STOP BAR	13.5	WHITE
1106+27	STOP BAR	13.5	WHITE
1106+42	STOP BAR	12.0	WHITE
EB	RR STOP BARS	42.0	WHITE
WB	RR STOP BARS	42.0	WHITE
5TH ST.	MEDIAN	17.0	WHITE
SUB-TOTAL=		152.0	
JOB TOTAL=		192.0	FEET

70300660 TEMPORARY PAINT PAVEMENT MARKING LINE 24" - URBAN

STATION	LOCATION	QUANTITY (FT)	COLOR
SUB-TOTAL= 152.0			
JOB TOTAL= 192.0 FEET			

78000100 THERMOPLASTIC PAVEMENT MARKING LINE LETTERS & SYMBOLS - URBAN

LOCATION	SYMBOL	EACH	AREA SQ. FT. (FROM ART. 780.12)	QUANTITY (SQ. FT.)	COLOR
WEST IL. 9/ IL. 1	ARROWS	7	15.60	109.2	WHITE
EAST IL. 9/ IL. 1	ARROWS	7	15.60	109.2	WHITE
RR EB	"R"	2	3.60	7.2	WHITE
RR EB	"X"	1	54.00	54.0	WHITE
RR WB	"R"	2	3.60	7.2	WHITE
RR WEB	"X"	1	54.00	54.0	WHITE
TOTAL=				340.8	SQ. FT.
USE =				341.0	SQ. FT.

78000200 THERMOPLASTIC PAVEMENT MARKING LINE 4" - URBAN

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR	
LT/RT 1097+46		LT/RT 1103+92	EDGE LINE	1,288.0	WHITE	
LT 1108+47		LT 1110+50	EDGE LINE	203.0	WHITE	
RT 1108+47		LT 1124+60	EDGE LINE	1,613.0	WHITE	
LT 1111+42		LT 1124+44	EDGE LINE	1,302.0	WHITE	
LT 1190+12		LT 1207+00	EDGE LINE	1,688.0	WHITE	
RT 1189+10		RT 1207+00	EDGE LINE	1,790.0	WHITE	
C/L 1097+48		C/L 1207+00	SKIP-DASH	2,371.0	YELLOW	
			MEDIAN	4,917.0	YELLOW	
		1101+26	1103+92	TURN LANE	266.0	WHITE
		1104+77	1105+75	TURN LANE	98.0	YELLOW
		1106+27	1107+53	TURN LANE	126.0	YELLOW
		1108+47	1110+50	TURN LANE	203.0	YELLOW
EB 1147+60		EB 1152+55	NO PASSING	495.0	YELLOW	
WB 1150+60		WB 1152+55	NO PASSING	195.0	YELLOW	
EB 1152+65		EB 1156+30	NO PASSING	365.0	YELLOW	
WB 1152+65		WB 1156+90	NO PASSING	425.0	YELLOW	
EB 1190+10		EB 1196+65	NO PASSING	655.0	YELLOW	
WB 1200+60		WB 1207+00	NO PASSING	640.0	YELLOW	
TOTAL=				18,640.0	FEET	

78000400 THERMOPLASTIC PAVEMENT MARKING LINE 6" - URBAN

USE FOR CROSSWALK AT 5TH STREET IN HOOPESTON

TOTAL= 112.0 FEET WHITE

78000600 THERMOPLASTIC PAVEMENT MARKING LINE 12" - URBAN

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
1098+80		1100+76	MEDIAN	45.0	YELLOW
1101+26		1105+60	MEDIAN	108.0	YELLOW
1106+42		1109+80	MEDIAN	72.0	YELLOW
1111+52		1113+77	MEDIAN	50.0	YELLOW
TOTAL=				275.0	FEET

78000650 THERMOPLASTIC PAVEMENT MARKING LINE 24" - URBAN

STATION	LOCATION	QUANTITY (FT)	COLOR
1105+57	STOP BAR	12.0	WHITE
1105+75	STOP BAR	13.5	WHITE
1106+27	STOP BAR	13.5	WHITE
1106+42	STOP BAR	12.0	WHITE
EB	RR STOP BARS	42.0	WHITE
WB	RR STOP BARS	42.0	WHITE
5TH ST.	MEDIAN	17.0	WHITE
TOTAL=		152.0	

78001110 PAINT PAVEMENT MARKING LINE 4" - RURAL

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
LT/RT 417+78		LT/RT 1096+22	EDGE LINE	133,155.0	WHITE
C/L 417+78		C/L 1096+22	SKIP-DASH	16,880.0	YELLOW
RT 553+93		RT 559+21	NO PASSING	528.0	YELLOW
LT 565+55		LT 570+83	NO PASSING	528.0	YELLOW
RT 643+83		RT 649+11	NO PASSING	528.0	YELLOW
LT 657+84		LT 663+12	NO PASSING	528.0	YELLOW
RT 692+55		RT 697+83	NO PASSING	528.0	YELLOW
LT 703+60		LT 715+48	NO PASSING	1,188.0	YELLOW
RT 758+33		RT 763+61	NO PASSING	528.0	YELLOW
LT 772+72		LT 778+00	NO PASSING	528.0	YELLOW
RT 775+35		RT 781+35	NO PASSING	600.0	YELLOW
LT 785+58		LT 794+38	NO PASSING	880.0	YELLOW
RT 1057+70		RT 1062+98	NO PASSING	528.0	YELLOW
LT 1066+70		LT 1072+50	NO PASSING	580.0	YELLOW
LT/RT 1096+22		LT/RT 1097+46	EDGE LINE	248.0	WHITE
C/L 1096+22		C/L 1097+46	SKIP-DASH	30.0	YELLOW
TOTAL=				157,785.0	FEET

78001180 PAINT PAVEMENT MARKING 24" - RURAL

STATION	LOCATION	QUANTITY (FT)	COLOR
EAST LYNN RD NORTH	STOP BAR	20.0	WHITE
EAST LYNN RD SOUTH	STOP BAR	20.0	WHITE
TOTAL=		40.0	FEET

Z0055600 RUMBLE STRIPS - RURAL

STATION	LENGTH	WIDTH	QUANT.	AREA (SQ. YD.)
IL 9/ IL 49 INTERSECTION				
EAST BOUND	25.0	12.0	3.0	100.00
WEST BOUND	25.0	12.0	3.0	100.00
TOTAL=				200.0

Z0070100 SURVEY MONUMENT COVER ASSEMBLY - RURAL					
STATION	OFFSET (Ft)			QUANTITY (EACH)	REMARKS
	LT.	C/L	RT.		
418+36.5	3.80			1.0	70E (Co. Line)
469+96		C/L		1.0	170E
496+31.7		C/L		1.0	W. of IL 49
607+30	3.05			1.0	
633+46			0.75	1.0	470E
659+70			10.50	1.0	
680+18.5	1.04			1.0	
684+17		C/L		1.0	
685+21			24.75	1.0	570E (in SR Return)
694+00		C/L		1.0	~240' E. of RR OH
738+90			4.00	1.0	670E
790+86.5		C/L		1.0	770E (E. Lynn Rd.)
884+39.25		C/L		1.0	PC
893+90.76		C/L		1.0	PT
897+16.33		C/L		1.0	PC (E. of 990E)
907+08.75		C/L		1.0	PT & Sta. Eqn.
918+95	0.60			1.0	
944+71.2	3.00			1.0	
970+69.75	2.50			1.0	1130E
996+55.5			0.50	1.0	
1073+98.5	1.20			1.0	

RURAL TOTAL= 21.0 EACH

Z0070100 SURVEY MONUMENT COVER ASSEMBLY - URBAN					
STATION	OFFSET (Ft)			QUANTITY (EACH)	REMARKS
	LT.	C/L	RT.		
1125+18		C/L		1.0	6th Avenue
1153+12.4		C/L		1.0	E of CSX RR
1179+63.5		C/L		1.0	1550E

URBAN TOTAL= 3.0 EACH

JOB TOTAL= 24.0 EACH

INCIDENTAL SCHEDULES

* All entrances with existing aggregate surfaces are not intended to be surfaced with HMA on this contract.

FAP 697 (IL 9)		2RS-3 & 46RS-8		C-95-021-09		70764		Vermillion County				
40800050 - INCIDENTAL HMA SURFACING (RURAL)												
STATION	AREA	AVERAGE THICKNESS	Commercial ENT.	FIELD ENT.	MBTO	PRIVATE ENT. W/ MBTO	PRIVATE ENT.	SIDE ROADS	40800982 HMA SURF REM BUTT JOINT	40800010 BIT.MTLS (PR CT) RATE=0.1gal	40800030 AGG. (PR CT) RATE=4lb	
												SQ YD
LT 418+38	174.86	1.50						14.69	115.00	17.49	0.35	
RT 418+38	181.94	1.50						15.28	116.67	18.19	0.36	
RT 427+90	8.89	1.50		0.75						0.89	0.02	
LT 434+03	7.11	1.50		0.80						0.71	0.01	
LT 443+92	187.50	1.50						15.75		18.75	0.38	
RT 443+87	7.11	1.50		0.60						0.71	0.01	
LT 453+10	7.92	1.50		0.67						0.79	0.02	
RT 452+90	7.56	1.50		0.64						0.76	0.02	
LT 460+35	12.56	1.50					1.06			1.26	0.03	
RT 480+50	10.00	1.50		0.84						1.00	0.02	
LT 470+00	131.53	1.50						11.05	81.67	13.15	0.26	
RT 470+00	134.03	1.50						11.26	85.00	13.40	0.27	
LT 486+15	5.83	1.50		0.49						0.58	0.01	
LT 495+79	10.78	1.50					0.91			1.08	0.02	
RT 497+40	78.64	1.50					6.61			7.86	0.16	
LT 504+88	31.56	1.50					2.65			3.16	0.06	
RT 504+95	8.22	1.50		0.69						0.82	0.02	
LT 507+60	9.44	1.50					0.79			0.94	0.02	
LT 508+82	7.00	1.50					0.59			0.70	0.01	
LT 514+68	175.55	1.50						14.75	108.33	17.56	0.35	
LT 518+28	191.11	1.50						16.05	120.00	19.11	0.38	
RT 526+00	26.75	1.50		2.25					26.76	2.68	0.05	
RT 526+50*	0.00	1.50		0.00						0.00	0.00	
LT 528+74	65.00	1.50	5.46						65.00	6.50	0.13	
LT 531+74	49.78	1.50	4.18						49.78	4.98	0.10	
LT 534+00*	0.00	1.50		0.00						0.00	0.00	
RT 544+33*	0.00	1.50		0.00						0.00	0.00	
LT 544+88*	0.00	1.50		0.00						0.00	0.00	
LT 550+97*	0.00	1.50		0.00						0.00	0.00	
RT 563+45	32.11	1.50					2.70			3.21	0.06	
LT 563+54	27.50	1.50					2.31			2.75	0.06	
RT 570+50*	0.00	1.50		0.00						0.00	0.00	
RT 576+14	139.52	1.50						11.72		13.95	0.28	
LT 584+93*	0.00	1.50		0.00						0.00	0.00	
LT 593+97*	0.00	1.50		0.00						0.00	0.00	
RT 595+50*	0.00	1.50		0.00						0.00	0.00	
LT 597+28	25.33	1.50		2.13						2.53	0.05	
LT 598+50	26.92	1.50					2.26			2.69	0.05	
LT 606+79	24.89	1.50	2.09							2.49	0.05	
LT 618+33	60.00	1.50				5.04				6.00	0.12	
RT 618+33*	0.00	1.50		0.00						0.00	0.00	
LT 620+50*	0.00	1.50		0.00						0.00	0.00	
RT 632+20*	0.00	1.50		0.00						0.00	0.00	
LT 633+50	151.33	1.50						12.71	110.00	15.13	0.30	
RT 633+55	99.10	1.50						8.32	105.11	9.91	0.20	
LT 643+25	44.44	1.50					3.73			4.44	0.09	
RT 645+93	30.50	1.50					2.56			3.05	0.06	
LT 646+00	47.92	1.50				4.03				4.79	0.10	
LT 650+08*	0.00	1.50		0.00						0.00	0.00	
		PAGE 1										
		TOTALS		11.73	9.64	0.00	9.07	26.16	131.58	983.32	224.02	4.48

			40800050 - INCIDENTAL HMA SURFACING (RURAL)						PAGE #2		
STATION	AREA	AVERAGE THICKNESS	Commercial ENT.	FIELD ENT.	MBTO	PRIVATE ENT. W/ MBTO	PRIVATE ENT.	SIDE ROADS	40600982 HMA SURF REM BUTT JOINT	40800010 BIT.MTLS (PR CT) RATE=0.1gal	40800030 AGG. (PR CT) RATE=4lb
LT/RT	SQ YD	INCHES	TON	TON	TON	TON	TON	TON	SQ YD	GAL	TON
LT 657+05	53.11	1.50					4.46		54.44	5.31	0.11
LT 658+00	19.06	1.50					1.60		19.06	1.91	0.04
LT 659+70	6.67	1.50		0.56						0.67	0.01
RT 659+70*	0.00	1.50		0.00						0.00	0.00
LT 668+50*	0.00	1.50		0.00						0.00	0.00
LT 672+20	31.22	1.50				2.62				3.12	0.06
LT 674+80*	0.00	1.50		0.00						0.00	0.00
RT 674+80*	0.00	1.50		0.00						0.00	0.00
LT 683+30*	0.00	1.50		0.00						0.00	0.00
RT 685+55	104.73	1.50						8.80		10.47	0.21
LT 685+58	124.94	1.50						10.49		12.49	0.25
LT 686+30	6.67	1.50		0.56						0.67	0.01
RT 699+90*	0.00	1.50		0.00						0.00	0.00
LT 702+18	59.55	1.50				5.00				5.96	0.12
RT 703+37*	0.00	1.50		0.00						0.00	0.00
LT 703+47*	0.00	1.50		0.00						0.00	0.00
LT 710+80*	0.00	1.50		0.00						0.00	0.00
RT 717+72	32.00	1.50					2.69			3.20	0.06
RT 717+80	32.67	1.50			2.74					3.27	0.07
LT 720+55	37.22	1.50					3.13			3.72	0.07
LT 721+50	33.00	1.50					2.77			3.30	0.07
RT 726+00*	0.00	1.50		0.00						0.00	0.00
RT 734+65*	0.00	1.50					0.00			0.00	0.00
RT 735+65	29.44	1.50					2.47			2.94	0.06
LT 735+65	36.17	1.50			3.04					3.62	0.07
LT 738+90	164.94	1.50						13.85	111.67	16.49	0.33
RT 738+90	103.34	1.50						8.68	116.67	10.33	0.21
RT 745+00*	0.00	1.50		0.00						0.00	0.00
LT 750+60*	0.00	1.50		0.00						0.00	0.00
RT 750+61	63.56	1.50					5.34			6.36	0.13
LT 755+26*	0.00	1.50		0.00						0.00	0.00
RT 758+00*	0.00	1.50		0.00						0.00	0.00
RT 764+71*	0.00	1.50		0.00						0.00	0.00
LT 764+91*	0.00	1.50		0.00						0.00	0.00
RT 770+13*	0.00	1.50		0.00						0.00	0.00
LT 772+00*	0.00	1.50		0.00						0.00	0.00
RT 781+56*	0.00	1.50		0.00						0.00	0.00
RT 785+05	32.22	1.50					2.71			3.22	0.06
LT 785+30	28.06	1.50		2.36						2.81	0.06
LT 790+86	348.90	1.50						29.31	83.33	34.89	0.70
RT 790+86	406.89	1.50						34.18	78.33	40.69	0.81
LT 805+00*	0.00	1.50		0.00						0.00	0.00
RT 806+15*	0.00	1.50		0.00						0.00	0.00
LT 810+82*	0.00	1.50		0.00						0.00	0.00
RT 821+00	31.67	1.50			2.66					3.17	0.06
LT 821+26	27.22	1.50					2.29			2.72	0.05
LT 822+27	30.50	1.50					2.56			3.05	0.06
LT 823+40	28.00	1.50					2.35			2.80	0.06
RT 823+40	35.03	1.50			2.94					3.50	0.07
RT 824+00*	0.00	1.50		0.00						0.00	0.00
RT 830+66	37.67	1.50					3.16			3.77	0.08
RT 843+26	69.75	1.50						5.86		6.98	0.14
RT 846+32	36.11	1.50					3.03		36.11	3.61	0.07
RT 847+00	58.33	1.50			4.90					5.83	0.12
RT 847+50	45.56	1.50					3.83		45.56	4.56	0.09
PAGE 2											
TOTALS			0.00	3.48	16.29	7.62	42.39	111.17	545.17	215.42	4.31

STATION		AREA	AVERAGE THICKNESS	Commercial ENT.	FIELD ENT.	MBTO	PRIVATE ENT. W/ MBTO	PRIVATE ENT.	SIDE ROADS	40800882 HMA SURF REM BUTT JOINT	40800010 BIT.MTLS (PR CT) RATE=0.1gal	40800030 AGG. (PR CT) RATE=4lb
LT/RT	SQ YD	INCHES	TON	TON	TON	TON	TON	TON	TON	SQ YD	GAL	TON
LT 847+61	79.44	1.50						6.67			7.94	0.16
RT 856+41	45.56	1.50		3.83							4.56	0.09
LT 856+61*	0.00	1.50		0.00							0.00	0.00
RT 869+56*	0.00	1.50		0.00							0.00	0.00
LT 869+62*	0.00	1.50		0.00							0.00	0.00
LT 889+20	40.61	1.50						3.41			4.06	0.08
LT 895+68	147.61	1.50							12.40	119.00	14.76	0.30
RT 895+68	134.72	1.50							11.32	161.11	13.47	0.27
RT 905+16	67.11	1.50				5.64					6.71	0.13
LT 910+29	30.00	1.50					2.52				3.00	0.06
RT 910+29	36.67	1.50			3.08						3.67	0.07
LT 918+94*	0.00	1.50		0.00							0.00	0.00
LT 931+96*	0.00	1.50		0.00							0.00	0.00
RT 942+11	48.25	1.50				4.05					4.83	0.10
LT 944+66	43.33	1.50					3.64				4.33	0.09
RT 945+33	37.78	1.50				3.17					3.78	0.08
RT 950+98	33.78	1.50				2.84					3.38	0.07
RT 951+80*	0.00	1.50		0.00							0.00	0.00
LT 957+62*	0.00	1.50		0.00							0.00	0.00
RT 957+88*	0.00	1.50		0.00							0.00	0.00
LT 970+71	122.67	1.50							10.30	133.33	12.27	0.25
RT 970+71	129.45	1.50							10.87	155.00	12.95	0.26
RT 979+29	54.89	1.50				4.61					5.49	0.11
LT 991+20	40.56	1.50		3.41							4.06	0.08
RT 991+20	36.00	1.50			3.02						3.60	0.07
RT 996+05*	0.00	1.50		0.00							0.00	0.00
LT 996+90*	0.00	1.50		0.00							0.00	0.00
RT 1010+4564.89	64.89	1.50				5.45					6.49	0.13
LT 1011+88	32.67	1.50					2.74				3.27	0.07
LT 1013+73	45.00	1.50		3.78							4.50	0.09
RT 1021+98*	0.00	1.50		0.00							0.00	0.00
LT 1022+07*	0.00	1.50		0.00							0.00	0.00
RT 1030+43*	0.00	1.50		0.00							0.00	0.00
LT 1034+69*	0.00	1.50		0.00							0.00	0.00
RT 1034+80*	0.00	1.50		0.00							0.00	0.00
RT 1047+40	72.22	1.50							6.07		7.22	0.14
LT 1047+40	60.00	1.50							5.04		6.00	0.12
LT 1057+72	15.28	1.50		1.28							1.53	0.03
RT 1061+83*	0.00	1.50		0.00							0.00	0.00
LT 1067+10	12.22	1.50		1.03							1.22	0.02
LT 1071+00*	0.00	1.50		0.00							0.00	0.00
LT 1074+56	43.89	1.50					3.69				4.39	0.09
RT 1074+56	30.25	1.50			2.54						3.03	0.06
LT 1083+76	11.33	1.50		0.95							1.13	0.02
LT 1083+87*	0.00	1.50		0.00							0.00	0.00
PAGE 3 TOTALS			0.00	14.28	8.65	25.76	22.67	56.00	568.44	151.62	3.03	

STATION	AREA	AV. THICK.	40800050 - INCIDENTAL HMA SURFACING (URBAN SIDE ROADS ONLY)					SIDE ROADS	44000196	40800010	40800030
			Commercial ENT.	FIELD ENT.	MBTO	PRIVATE ENT. W/ MBTO	PRIVATE ENT.		HMA SURF REM SPECIAL	BIT. MTLs (PR CT) RATE=0.1gal	AGG. (PR CT) RATE=4lb
	SQ YD	INCHES	TON	TON	TON	TON	TON	SQ YD	GAL	TON	
LT 1125+16	232.33	1.50						19.52	278.67	23.23	0.46
RT 1125+16	234.89	1.50						19.73	296.44	23.49	0.47
LT 1129+97	223.89	1.50						18.81	281.11	22.39	0.45
LT 1134+87	224.45	1.50						18.85	285.00	22.45	0.45
RT 1135+71	211.22	1.50						17.74	273.00	21.12	0.42
RT 1139+66	162.22	1.50						13.63	200.56	16.22	0.32
LT 1139+72	221.11	1.50						18.57	270.00	22.11	0.44
LT 1144+67	200.55	1.50						16.85	247.00	20.06	0.40
RT 1144+70	191.11	1.50						16.05	230.11	19.11	0.38
LT 1149+52	191.00	1.50						16.04	234.33	19.10	0.38
LT 1158+91	459.11	1.50						38.57	634.67	45.91	0.92
LT 1163+32	207.22	1.50						17.41	261.33	20.72	0.41
LT 1167+84	223.77	1.50						18.80	283.56	22.38	0.45
LT 1171+99	227.00	1.50						19.07	283.67	22.70	0.45
LT 1176+23	214.89	1.50						18.05	267.56	21.49	0.43
RT 1179+57	173.56	1.50						14.58	223.78	17.36	0.35
LT 1180+34	234.22	1.50						19.67	252.00	23.42	0.47
LT 1189+63	163.89	1.50						13.77	190.00	16.39	0.33
RT 1199+72	72.22	1.50						6.07	72.22	7.22	0.14
PAGE 4 TOTALS			0.00	0.00	0.00	0.00	0.00	341.77	5065.01	406.87	8.14

BUTT JOINT (SQ YD)

PAGE 1 TOTALS	11.73	9.84	0.00	9.07	26.16	131.58	983.32	224.02	4.48
PAGE 2 TOTALS	0.00	3.48	16.29	7.62	42.39	111.17	545.17	215.42	4.31
PAGE 3 TOTALS	0.00	14.28	8.65	25.76	22.67	56.00	568.44	151.62	3.03
PGS 1-3 (RURAL) TOTALS	ALL RURAL INCIDENTAL PAVING ITEMS = 496.49						2096.9	591.06	11.82

SURF REM SPL (SQ YD)

PAGE 4 (URBAN) TOTALS	0.00	0.00	0.00	0.00	0.00	341.77	5065.0	406.87	8.14
USE =						342.00			

	(TONS)	(GALLONS)	(TONS)
GRAND TOTALS	ALL INCIDENTAL PAVING ITEMS = 838.3	997.9	20.0

USE = 839.0

TABULATION OF PARTIAL DEPTH PAVEMENT PATCHING- RURAL (EB)

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (INCH)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TON)
420+43	EB	6	12	8	8.0	4.9
421+60	EB	6	12	8	8.0	4.9
424+72	EB	6	12	8	8.0	4.9
426+05	EB	6	12	8	8.0	4.9
430+84	EB	6	12	8	8.0	4.9
431+93	EB	6	12	8	8.0	4.9
435+37	EB	6	12	8	8.0	4.9
439+34	EB	6	12	8	8.0	4.9
442+35	EB	6	12	8	8.0	4.9
444+77	EB	6	12	8	8.0	4.9
446+56	EB	6	12	8	8.0	4.9
447+68	EB	6	12	8	8.0	4.9
462+38	EB	6	12	6	8.0	2.7
463+51	EB	6	12	6	8.0	2.7
467+76	EB	6	12	6	8.0	2.7
471+44	EB	6	12	8	8.0	4.9
474+60	EB	6	12	8	8.0	4.9
477+14	EB	6	12	8	8.0	4.9
478+69	EB	6	12	8	8.0	4.9
482+26	EB	6	12	8	8.0	4.9
484+99	EB	6	12	8	8.0	4.9
491+72	EB	6	12	8	8.0	4.9
495+41	EB	6	12	8	8.0	4.9
501+54	EB	6	12	8	8.0	4.9
506+13	EB	6	12	8	8.0	4.9
511+88	EB	6	12	8	8.0	4.9
516+03	EB	6	12	8	8.0	4.9
518+78	EB	6	12	8	8.0	4.9
518+85	EB	6	12	8	8.0	4.9
527+58	EB	6	12	6.5	8.0	4.3
528+74	EB	6	12	6.5	8.0	4.3
529+40	EB	6	12	6.5	8.0	4.3
532+70	EB	6	12	6.5	8.0	4.3
533+78	EB	6	12	6.5	8.0	4.3
534+74	EB	6	12	6.5	8.0	4.3
536+24	EB	6	12	6.5	8.0	4.3
537+31	EB	6	12	6.5	8.0	4.3
538+50	EB	6	12	6.5	8.0	4.3
540+47	EB	6	12	6.5	8.0	4.3
541+98	EB	6	12	6.5	8.0	4.3
546+42	EB	6	12	6.5	8.0	4.3

SUB-TOTAL 1: 328.0 187.3

TABULATION OF PARTIAL DEPTH PAVEMENT PATCHING- RURAL (EB)

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (INCH)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TON)
551+07	EB	6	12	6.5	8.0	4.3
555+35	EB	6	12	6.5	8.0	4.3
556+73	EB	10	12	6.5	13.3	7.1
557+41	EB	20	12	6.5	26.7	14.2
557+83	EB	6	12	6.5	8.0	4.3
560+74	EB	6	12	6.5	8.0	4.3
561+33	EB	6	12	6.5	8.0	4.3
565+07	EB	8	12	6.5	10.7	5.7
589+78	EB	6	12	6	8.0	2.7
597+25	EB	6	12	6	8.0	2.7
599+98	EB	6	12	6	8.0	2.7
609+58	EB	8	12	6	10.7	3.6
612+14	EB	6	12	6	8.0	2.7
617+53	EB	60	12	6	80.0	26.9
620+39	EB	6	12	6	8.0	2.7
629+34	EB	6	12	6	8.0	2.7
632+38	EB	6	12	6	8.0	2.7
633+79	EB	6	12	6	8.0	2.7
640+77	EB	6	12	6	8.0	2.7
652+85	EB	6	12	6	8.0	2.7
655+72	EB	6	12	6	8.0	2.7
660+80	EB	10	12	6	13.3	4.5
665+80	EB	6	12	6	8.0	2.7
673+45	EB	6	12	6	8.0	2.7
676+47	EB	6	12	6	8.0	2.7
678+38	EB	6	12	6	8.0	2.7
680+48	EB	6	12	6	8.0	2.7
682+73	EB	6	12	6	8.0	2.7
687+01	EB	6	12	6	8.0	2.7
690+03	EB	6	12	4.5	8.0	3.4
696+28	EB	6	12	6.5	8.0	4.3
699+95	EB	6	12	6.5	8.0	4.3
704+22	EB	6	12	6.5	8.0	4.3
708+58	EB	6	12	6.5	8.0	4.3
720+53	EB	10	12	6.5	13.3	7.1
727+57	EB	6	12	6.5	8.0	4.3
728+60	EB	6	12	6.5	8.0	4.3
731+26	EB	6	12	6.5	8.0	4.3
733+70	EB	6	12	6.5	8.0	4.3
741+62	EB	6	12	6.5	8.0	4.3
755+46	EB	6	12	6.5	8.0	4.3

SUB-TOTAL 2: 440.0 184.6

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\CEARLOCKJD\0115224\0570764-sht-Schedule.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&46RS-8	Vermillion	43	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70764	

TABULATION OF PARTIAL DEPTH PAVEMENT PATCHING- RURAL (EB)

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (INCH)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TON)
766+53	EB	6	12	6.5	8.0	4.3
791+22	EB	6	12	6.5	8.0	4.3
793+40	EB	6	12	6.5	8.0	4.3
796+78	EB	6	12	6.5	8.0	4.3
797+81	EB	6	12	6.5	8.0	4.3
798+13	EB	6	12	6.5	8.0	4.3
800+31	EB	6	12	6.5	8.0	4.3
812+04	EB	6	12	7	8.0	4.5
837+48	EB	6	12	7	8.0	4.5
838+65	EB	6	12	7	8.0	4.5
858+64	EB	6	12	7	8.0	4.5
862+63	EB	6	12	7	8.0	4.5
873+43	EB	6	12	7	8.0	4.5
885+21	EB	6	12	6.5	8.0	4.3
888+95	EB	6	12	6.5	8.0	4.3
894+61	EB	6	12	6.5	8.0	4.3
902+65	EB	6	12	6.5	8.0	4.3
903+41	EB	6	12	6.5	8.0	4.3
906+45	EB	6	12	6.5	8.0	4.3
907+93	EB	6	12	6.5	8.0	4.3
911+80	EB	6	12	6.5	8.0	4.3
916+14	EB	6	12	6.5	8.0	4.3
919+37	EB	8	12	6.5	10.7	5.7
922+02	EB	8	12	6.5	10.7	5.7
925+40	EB	6	12	6.5	8.0	4.3
932+15	EB	10	12	6.5	13.3	7.1
936+00	EB	10	12	6.5	13.3	7.1
950+78	EB	12	12	6.5	16.0	8.5
953+46	EB	6	12	6.5	8.0	4.3
954+49	EB	6	12	6.5	8.0	4.3
958+22	EB	6	12	6.5	8.0	4.3
958+36	EB	6	12	6.5	8.0	4.3
962+54	EB	6	12	6.5	8.0	4.3
973+13	EB	6	12	6.5	8.0	4.3
974+19	EB	10	12	6.5	13.3	7.1
977+22	EB	6	12	6.5	8.0	4.3
980+56	EB	6	12	6.5	8.0	4.3
985+10	EB	10	12	6.5	13.3	7.1
987+58	EB	6	12	6.5	8.0	4.3
988+83	EB	6	12	6.5	8.0	4.3
989+67	EB	6	12	6.5	8.0	4.3

SUB-TOTAL 3: 362.7 194.3

TABULATION OF PARTIAL DEPTH PAVEMENT PATCHING- RURAL (EB)

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (INCH)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TON)
992+90	EB	6	12	6.5	8.0	4.3
995+93	EB	6	12	6.5	8.0	4.3
998+64	EB	6	12	6	8.0	2.7
1011+05	EB	6	12	6	8.0	2.7
1012+37	EB	6	12	6	8.0	2.7
1021+99	EB	6	12	6.5	8.0	4.3
1036+06	EB	6	12	6.5	8.0	4.3
1036+56	EB	6	12	6.5	8.0	4.3
1039+09	EB	8	12	6.5	10.7	5.7
1044+14	EB	12	12	6.5	16.0	8.5
1046+45	EB	10	12	6.5	13.3	7.1
1050+30	EB	6	12	6	8.0	2.7
1056+83	EB	6	12	6	8.0	2.7
1059+14	EB	6	12	6	8.0	2.7
1068+90	EB	6	12	6.5	8.0	4.3
1072+28	EB	6	12	6.5	8.0	4.3
1074+65	EB	6	12	6.5	8.0	4.3
1092+12	EB	8	12	6	10.7	3.6
1093+06	EB	6	12	6.5	8.0	4.3

SUB-TOTAL 4: 170.7 79.3

TABULATION OF PARTIAL DEPTH PAVEMENT PATCHING- RURAL (WB)

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (INCH)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TON)
420+43	WB	6	12	8	8.0	4.9
433+44	WB	6	12	8	8.0	4.9
435+37	WB	6	12	8	8.0	4.9
444+87	WB	6	12	8	8.0	4.9
463+96	WB	6	12	6	8.0	2.7
467+76	WB	6	12	6	8.0	2.7
471+44	WB	6	12	8	8.0	4.9
477+14	WB	6	12	8	8.0	4.9
478+69	WB	6	12	8	8.0	4.9
484+99	WB	8	12	8	10.7	6.6
495+41	WB	6	12	8	8.0	4.9
501+54	WB	6	12	8	8.0	4.9
506+13	WB	6	12	8	8.0	4.9
516+03	WB	6	12	8	8.0	4.9
518+78	WB	6	12	8	8.0	4.9
527+58	WB	6	12	6.5	8.0	4.3
528+74	WB	6	12	6.5	8.0	4.3
529+40	WB	6	12	6.5	8.0	4.3
532+70	WB	6	12	6.5	8.0	4.3
533+78	WB	6	12	6.5	8.0	4.3
534+74	WB	8	12	6.5	10.7	5.7
536+24	WB	6	12	6.5	8.0	4.3
537+31	WB	6	12	6.5	8.0	4.3
538+50	WB	6	12	6.5	8.0	4.3
541+98	WB	6	12	6.5	8.0	4.3
546+42	WB	6	12	6.5	8.0	4.3
551+07	WB	6	12	6.5	8.0	4.3
555+35	WB	6	12	6.5	8.0	4.3
556+73	WB	10	12	6.5	13.3	7.1
557+83	WB	6	12	6.5	8.0	4.3
560+74	WB	6	12	6.5	8.0	4.3
561+33	WB	6	12	6.5	8.0	4.3
565+07	WB	8	12	6.5	10.7	5.7
586+67	WB	60	6	6	40.0	13.4
587+39	WB	30	12	6	40.0	13.4
591+06	WB	20	12	6	26.7	9.0
597+25	WB	6	12	6	8.0	2.7
599+98	WB	6	12	6	8.0	2.7
617+35	WB	40	12	6	53.3	17.9
620+39	WB	6	12	6	8.0	2.7
629+34	WB	10	12	6	13.3	4.5

SUB-TOTAL 5: 474.7 219.7

TABULATION OF PARTIAL DEPTH PAVEMENT PATCHING- RURAL (WB)

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (INCH)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TON)
632+38	WB	6	12	6	8.0	2.7
633+79	WB	6	12	6	8.0	2.7
640+77	WB	6	12	6	8.0	2.7
652+85	WB	6	12	6	8.0	2.7
655+72	WB	6	12	6	8.0	2.7
660+80	WB	10	12	6	13.3	4.5
666+16	WB	8	12	6	10.7	3.6
673+45	WB	6	12	6	8.0	2.7
676+47	WB	6	12	6	8.0	2.7
678+38	WB	6	12	6	8.0	2.7
680+48	WB	6	12	6	8.0	2.7
682+73	WB	6	12	6	8.0	2.7
687+01	WB	6	12	6	8.0	2.7
690+03	WB	6	12	4.5	8.0	3.4
696+28	WB	6	12	6.5	8.0	4.3
699+95	WB	6	12	6.5	8.0	4.3
704+22	WB	6	12	6.5	8.0	4.3
708+58	WB	6	12	6.5	8.0	4.3
720+53	WB	10	12	6.5	13.3	7.1
727+57	WB	6	12	6.5	8.0	4.3
728+60	WB	6	12	6.5	8.0	4.3
731+26	WB	6	12	6.5	8.0	4.3
733+70	WB	6	12	6.5	8.0	4.3
741+62	WB	6	12	6.5	8.0	4.3
746+91	WB	6	12	6.5	8.0	4.3
755+46	WB	6	12	6.5	8.0	4.3
766+53	WB	6	12	6.5	8.0	4.3
768+33	WB	6	12	6.5	8.0	4.3
769+42	WB	8	12	6.5	10.7	5.7
773+17	WB	6	12	6.5	8.0	4.3
780+22	WB	6	12	6.5	8.0	4.3
784+43	WB	6	12	6.5	8.0	4.3
785+33	WB	6	12	6.5	8.0	4.3
791+22	WB	6	12	6.5	8.0	4.3
793+40	WB	6	12	6.5	8.0	4.3
796+78	WB	6	12	6.5	8.0	4.3
797+81	WB	6	12	6.5	8.0	4.3
798+13	WB	6	12	6.5	8.0	4.3
800+31	WB	6	12	6.5	8.0	4.3
812+04	WB	6	12	7	8.0	4.5
837+48	WB	6	12	7	8.0	4.5

SUB-TOTAL 6: 344.0 160.6

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\CEARLOCKJD\0115224\0570764-sht-Schedule.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&46RS-8	Vermillion	43	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70764	

TABULATION OF PARTIAL DEPTH PAVEMENT PATCHING- RURAL (WB)

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (INCH)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TON)
844+49	WB	6	12	7	8.0	4.5
862+63	WB	6	12	7	8.0	4.5
873+43	WB	6	12	7	8.0	4.5
885+21	WB	6	12	6.5	8.0	4.3
888+95	WB	6	12	6.5	8.0	4.3
894+61	WB	6	12	6.5	8.0	4.3
902+65	WB	6	12	6.5	8.0	4.3
903+41	WB	6	12	6.5	8.0	4.3
906+45	WB	6	12	6.5	8.0	4.3
907+93	WB	10	12	6.5	13.3	7.1
911+80	WB	6	12	6.5	8.0	4.3
916+14	WB	6	12	6.5	8.0	4.3
919+37	WB	8	12	6.5	10.7	5.7
922+02	WB	8	12	6.5	10.7	5.7
925+40	WB	6	12	6.5	8.0	4.3
932+15	WB	10	12	6.5	13.3	7.1
936+00	WB	10	12	6.5	13.3	7.1
942+98	WB	8	12	6.5	10.7	5.7
950+78	WB	12	12	6.5	16.0	8.5
953+46	WB	6	12	6.5	8.0	4.3
954+49	WB	6	12	6.5	8.0	4.3
955+30	WB	8	12	6.5	10.7	5.7
958+22	WB	6	12	6.5	8.0	4.3
958+36	WB	6	12	6.5	8.0	4.3
962+54	WB	6	12	6.5	8.0	4.3
973+13	WB	6	12	6.5	8.0	4.3
974+19	WB	10	12	6.5	13.3	7.1
976+37	WB	12	12	6.5	16.0	8.5
977+22	WB	6	12	6.5	8.0	4.3
980+56	WB	6	12	6.5	8.0	4.3
982+11	WB	6	12	6.5	8.0	4.3
985+10	WB	10	12	6.5	13.3	7.1
987+58	WB	6	12	6.5	8.0	4.3
988+83	WB	6	12	6.5	8.0	4.3
989+67	WB	6	12	6.5	8.0	4.3
992+90	WB	6	12	6.5	8.0	4.3
995+93	WB	6	12	6.5	8.0	4.3
998+64	WB	6	12	6	8.0	2.7
1011+05	WB	6	12	6	8.0	2.7
1021+99	WB	6	12	6.5	8.0	4.3
1036+06	WB	6	12	6.5	8.0	4.3
SUB-TOTAL 7:					381.3	200.4

TABULATION OF PARTIAL DEPTH PAVEMENT PATCHING- RURAL (WB)

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (INCH)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TON)
1036+56	WB	6	12	6.5	8.0	4.3
1039+09	WB	8	12	6.5	10.7	5.7
1044+14	WB	12	12	6.5	16.0	8.5
1046+45	WB	10	12	6.5	13.3	7.1
1050+01	WB	6	12	6	8.0	2.7
1059+14	WB	6	12	6	8.0	2.7
1068+90	WB	6	12	6.5	8.0	4.3
1072+28	WB	6	12	6.5	8.0	4.3
1074+65	WB	10	12	6.5	13.3	7.1
1082+22	WB	8	12	6	10.7	3.6
1092+12	WB	8	12	6	10.7	3.6
1093+06	WB	6	12	6.5	8.0	4.3
1093+14	WB	6	12	6.5	8.0	4.3
SUB-TOTAL 8:					130.7	62.2
RURAL TOTAL (SUB-TOTALS 1-8):					2632.0	1288.3

TABULATION OF PARTIAL DEPTH PAVEMENT PATCHING- URBAN

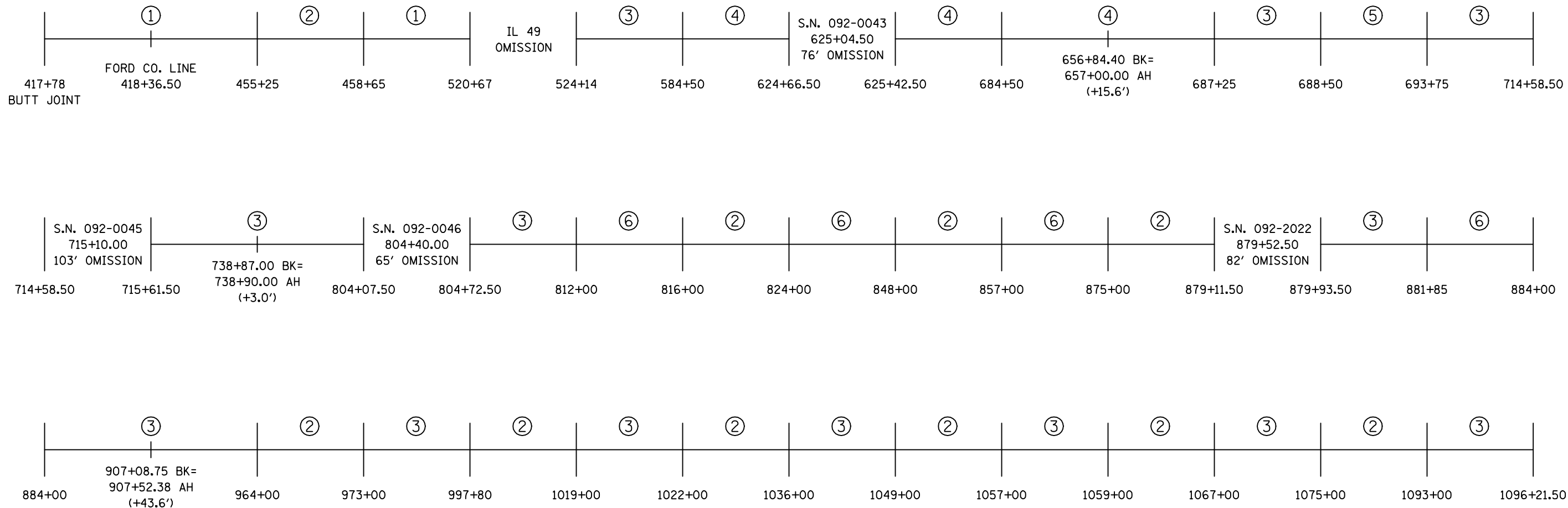
STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (INCH)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TON)
1112+74	LTL	6	4	7.5	2.7	1.6
1112+74	EB	6	12	7.5	8.0	4.7
1125+55	EB	6	12	6	8.0	4.0
1132+04	EB	12	12	6	16.0	8.1
1112+74	WB	6	12	7.5	8.0	4.7
1125+55	WB	6	12	6	8.0	4.0
1132+04	WB	12	12	6	16.0	8.1
1135+16	WB	12	12	6	16.0	8.1
1140+28	WB	10	12	6	13.3	6.7
URBAN TOTAL:					96.0	50.0
JOB TOTALS:					2728.0	1340.0

EXISTING TYPICAL CROSS SECTION STRAIGHT LINE DIAGRAM

NOT TO SCALE

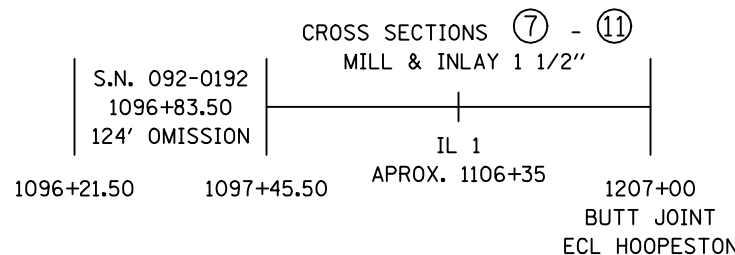
Ⓝ = EXISTING TYPICAL CROSS SECTION # (SEE SCHEDULE BELOW)

MILL & INLAY 2 1/4"
(SEE DETAILS)
CC&G & RROH



EXISTING TYPICAL CROSS SECTION SCHEDULE

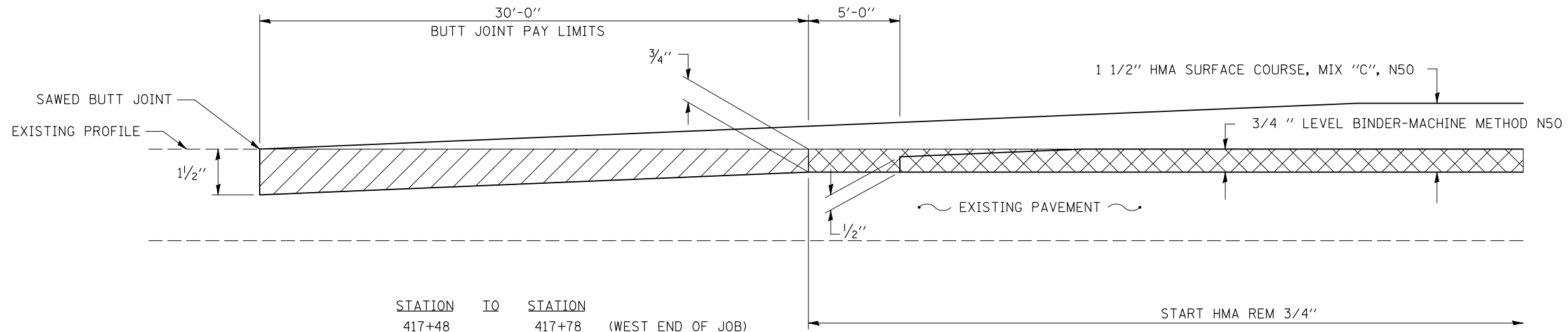
- Ⓛ = 8" HMA OVERLAY ON 7" & 8" PCC
- Ⓜ = 6" HMA OVERLAY ON 4"-10" PGE & VAR, DEPTH ON 7" & 8" PCC
- Ⓝ = 6.5" HMA OVERLAY ON 8" PCC
- Ⓞ = 6" HMA OVERLAY ON 4"-10" PGE & VAR. DEPTH ON 11" PVMT
- Ⓟ = 4.5" HMA OVERLAY ON 8" PCC
- Ⓠ = 7" HMA OVERLAY ON 8" PCC
- Ⓡ-Ⓢ = SEE EXISTING CROSS-SECTION PAGES



TOTAL LENGTH 1207+00 - 417+78 = 78,922 - (OMISSIONS & STA. EQN.'S)
78,922 FT. - 889 FT. = 78,053 FEET
= 14.783 MILES

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	70764 STRAIGHT LINE DIAGRAM			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PIWIDOT\PIERSONBR\d0115224\050764-shr-details.dgn		DRAWN -	REVISED -		697	2RS-3&46RS-8	Vermillion	43	31			
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70764				
PLOT DATE = 4/10/2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DETAIL OF HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



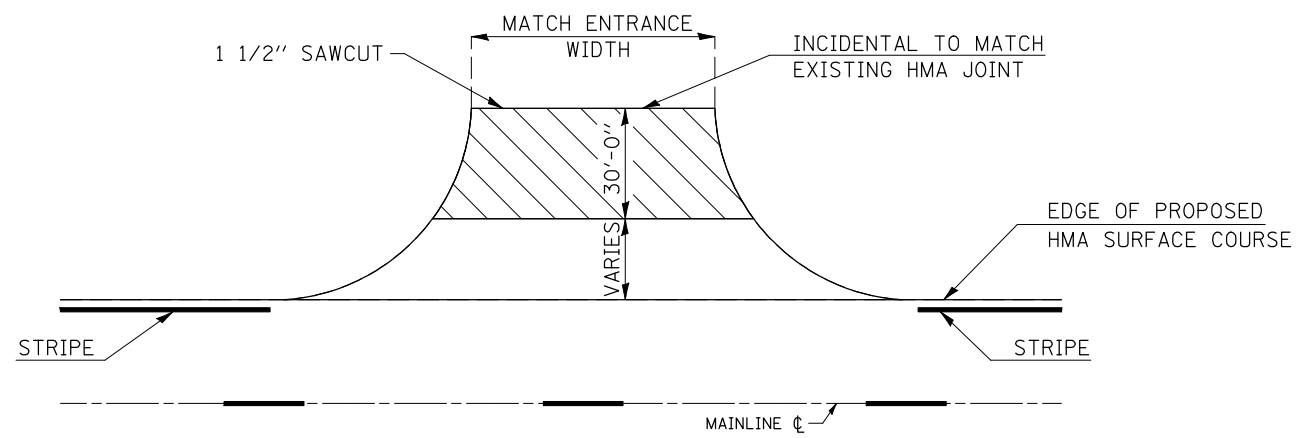
STATION TO	STATION	
417+48	417+78	(WEST END OF JOB)
520+37	520+67	(IL 49 WEST)
524+14	524+44	(IL 49 EAST)

ALSO TO BE USED AT ALL RURAL STRUCTURE OMISSIONS UP TO AND INCLUDING THE WEST END OF S.N. 092-0192.

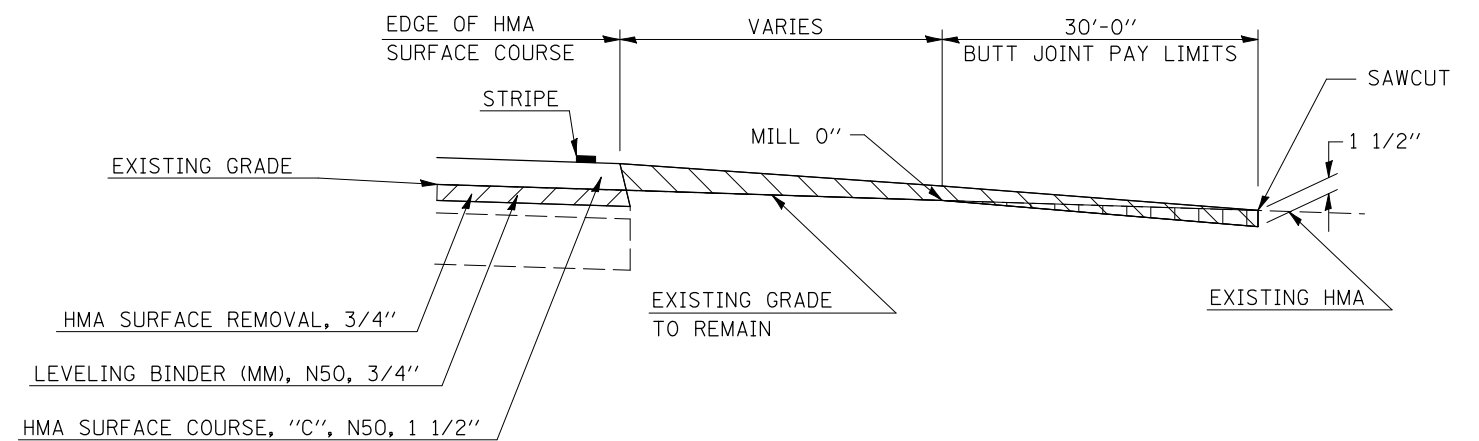
* APPROACHES SKEWED @ STRUCTURES STATIONS LISTED ARE @ C

- BUTT JOINT HMA REMOVAL
- 3/4" HMA REMOVAL

DETAIL FOR MILLING AND RESURFACING @ EAST LYNN RD. LT /RT STA. 790+86



PLAN



- INCIDENTAL HMA SURFACE

- SURFACE REMOVAL - BUTT JOINT (MILLING AREA)

FILE NAME =	USER NAME = ptersonbr	DESIGNED -	REVISED -
ct:\pw\work\PIWIDOT\PIERSONBR\d0115224\05	0764-shr-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2009	DATE -	REVISED -

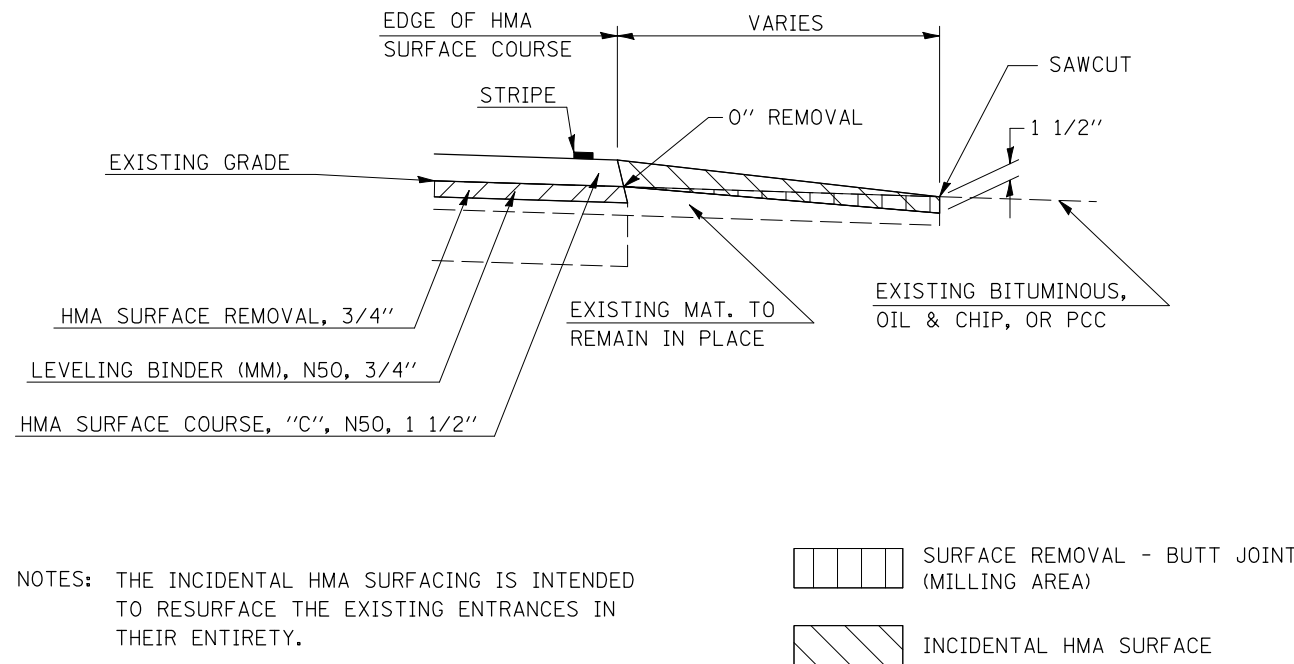
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&4RS-8	Vermilion	43	32
CONTRACT NO. 70764				
ILLINOIS FED. AID PROJECT				

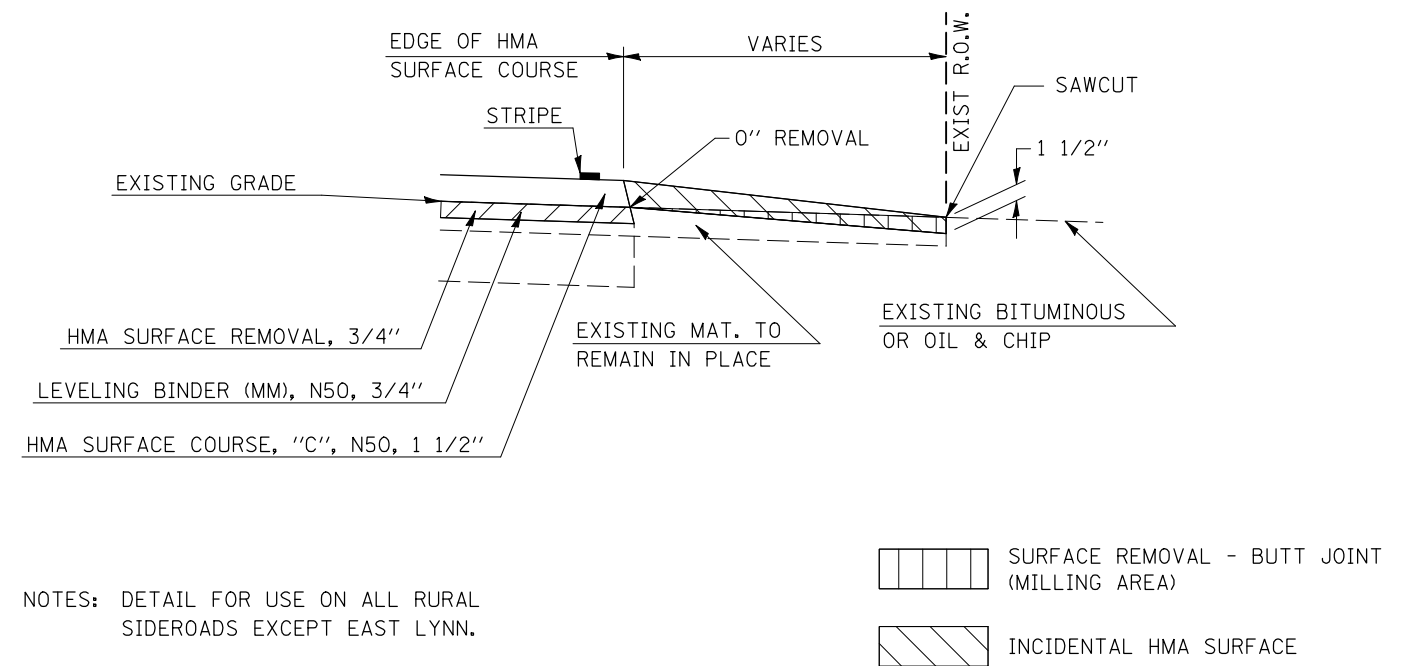
**TYPICAL RURAL PE /CE ENTRANCE
HMA SURFACE REMOVAL-BUTT JOINT**

(HMA OR OIL & CHIP)
SEE SCHEDULE FOR LOCATIONS

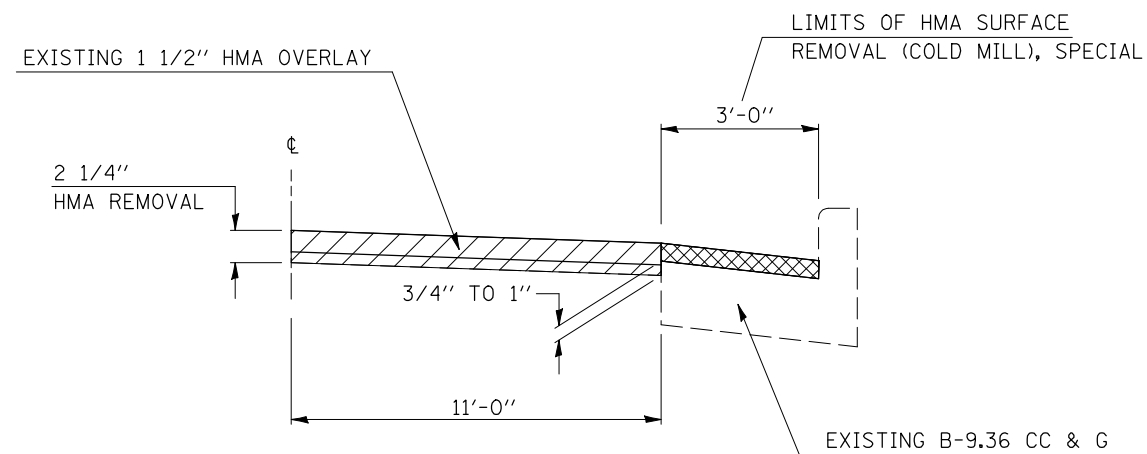


TYPICAL RURAL SIDEROAD HMA SURFACE REMOVAL-BUTT JOINT

(HMA OR OIL & CHIP)

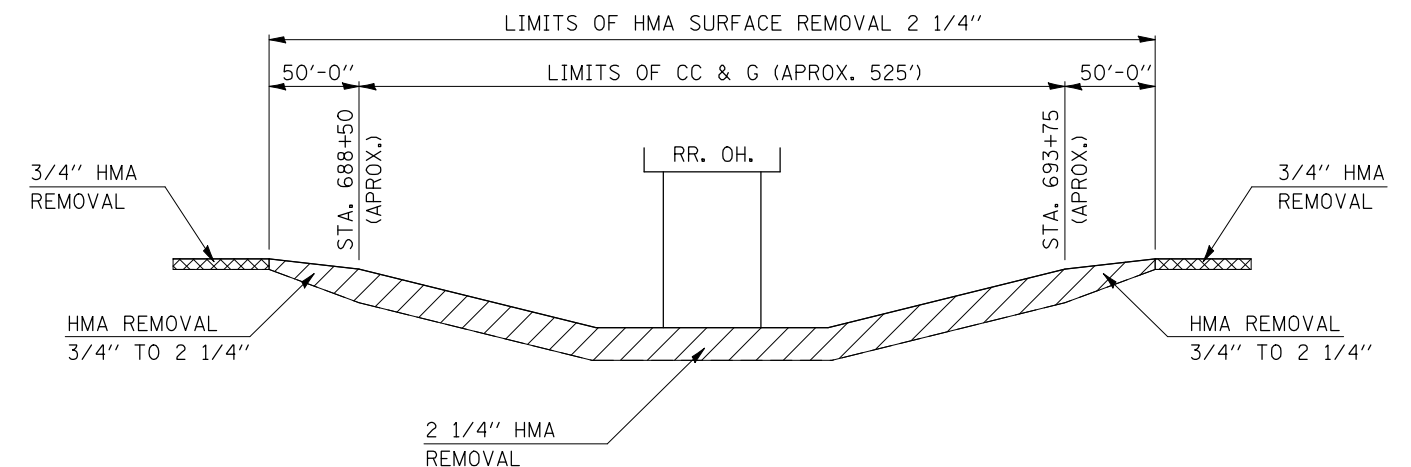


**DETAIL OF HMA SURFACE REMOVAL 2 1/4" &
(COLD MILL), SPECIAL @ RAILROAD OVERHEAD**



- NOTES: 1. INTENT OF HMA SURFACE REMOVAL (COLD MILL), SPECIAL IS TO REMOVE ALL HMA IN GUTTER PANS INCLUDING AROUND ALL 4 INLET GRATES.
2. INTENT OF HMA RE-SURFACING IS TO MATCH ELEVATIONS OF THE EXISTING INLET GRATES AND HAVE CONTINUOUS WATER FLOW / DRAINAGE THROUGHOUT GUTTER PANS & AROUND INLETS.

DETAIL OF 2 1/4" HMA SURFACE REMOVAL @ RAILROAD OVERHEAD



- NOTES: 1. USE HMA SURFACE REMOVAL (COLD MILL), SPECIAL PAY ITEM TO REMOVE ALL HMA IN GUTTER PANS. SEE DETAIL FOR DESCRIPTION OF WORK.
2. APPROXIMATELY 1 1/4" TO 1 1/2" OF HMA OVERLAY IN GUTTER PANS. INTENT OF 2 1/4" HMA REMOVAL IS TO MILL MAINLINE TO A DEPTH OF 3/4" TO 1" BELOW LIP OF GUTTER PAN.

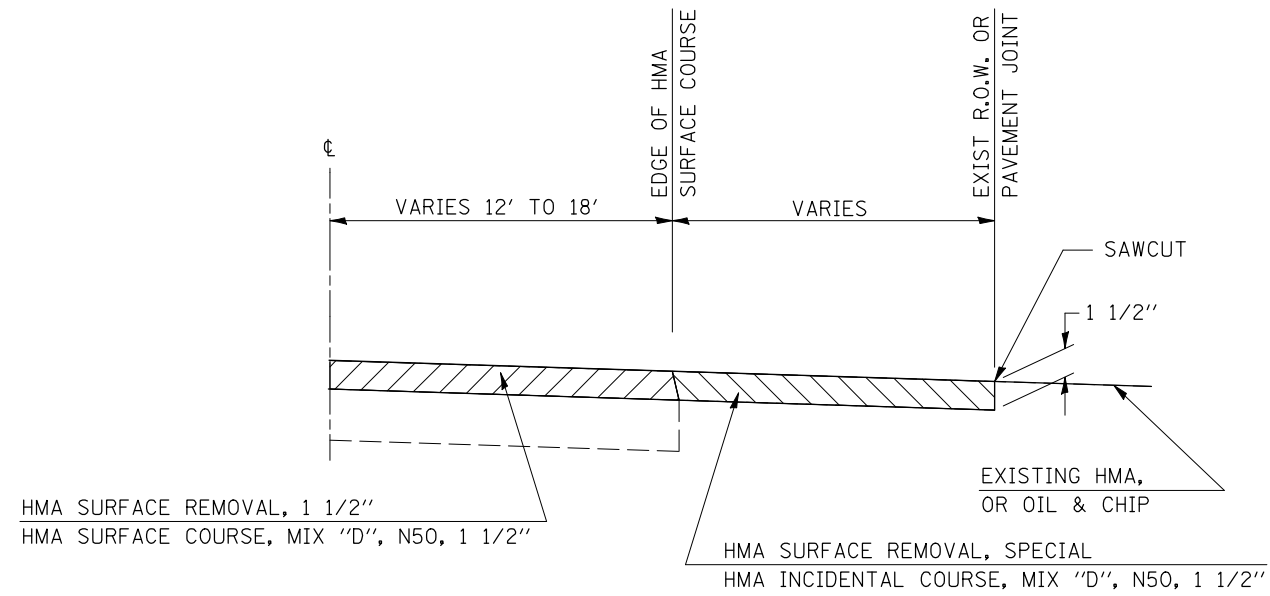
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	PLOT DATE = 4/10/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

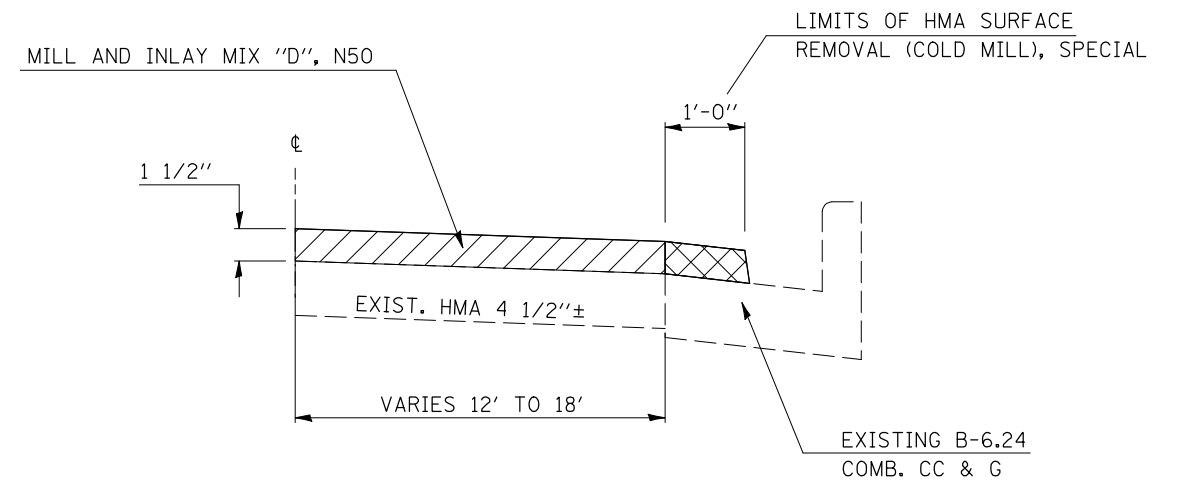
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&46RS-8	Vermillion	43	33
CONTRACT NO. 70764			ILLINOIS FED. AID PROJECT	

TYPICAL URBAN SIDE ROAD – HMA SURFACE REMOVAL, SPECIAL



- NOTES: 1. TO BE USED ON ALL SIDEROADS WITHIN CORPORATE (URBAN) LIMITS OF HOOPESTON.
2. INTENDED TO MILL ENTIRE SIDEROAD A DEPTH OF 1 1/2" UP TO EXISTING PAVEMENT JOINT OR R.O.W.
3. HMA SURFACE REMOVAL, SPECIAL SHOULD NOT BE CONFUSED WITH HMA SURFACE REMOVAL (COLD MILL), SPECIAL (WHICH IS INTENDED TO BE USED FOR HMA REMOVAL IN URBAN & RURAL GUTTER PANS).

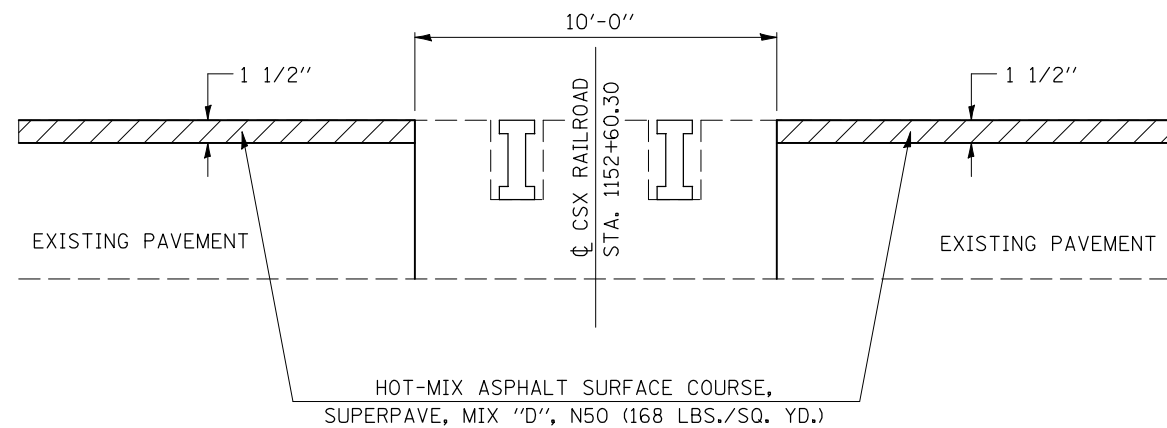
DETAIL OF URBAN HMA SURFACE REMOVAL (COLD MILL), SPECIAL



APPROX. STA. RT 1124+45 TO 1186+10
LT 1124+45 TO 1189+40

DETAIL OF HOT-MIX ASPHALT REMOVAL 1 1/2" & INLAY FOR CSX AT GRADE CROSSING

STATION TO STATION
1152+55.30 1152+65.30



MILL & INLAY 1 1/2"

NOTE: WHEN MILLING & RESURFACING ADJACENT TO RAILROAD CROSSING, A STRINGLINE SHALL BE USED FOR 100 FT ON EITHER SIDE.

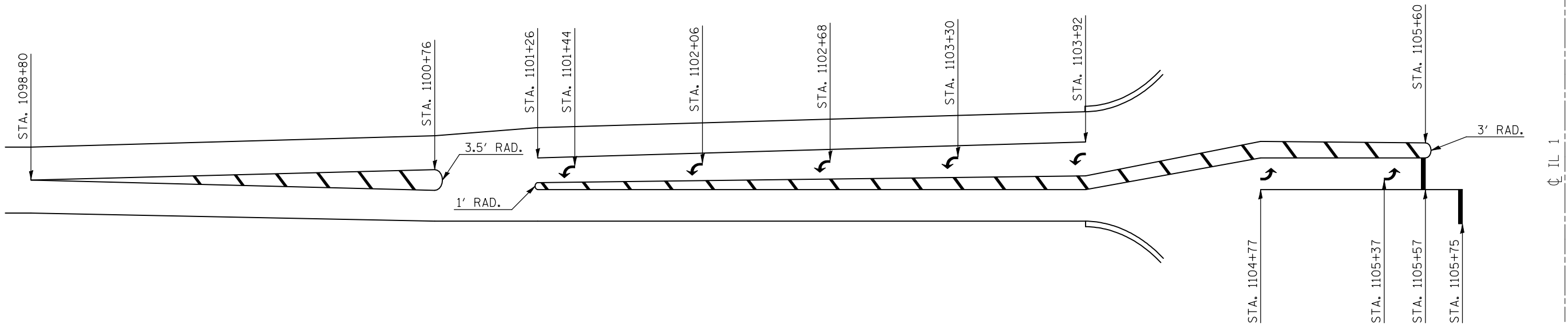
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PLOT DATE = 4/10/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

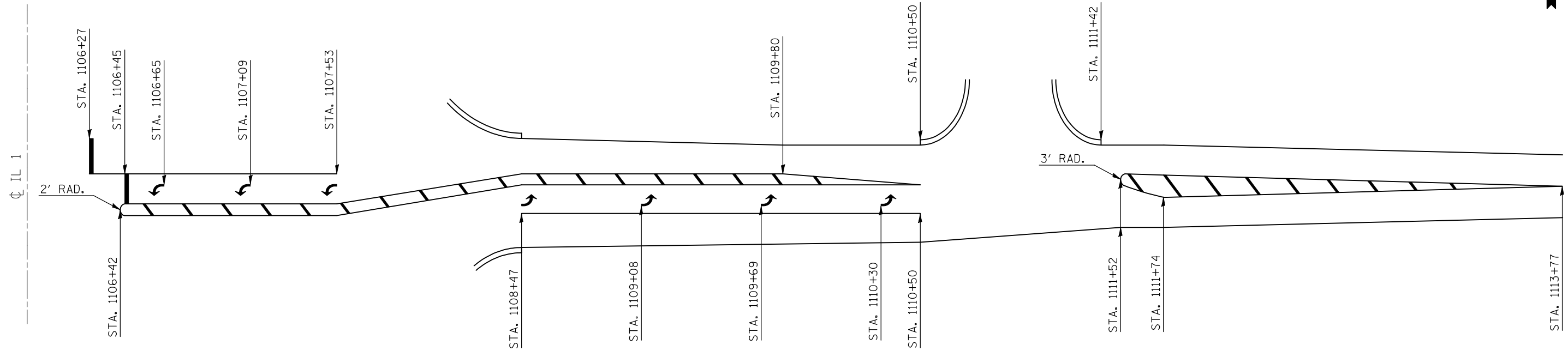
DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&4RS-8	Vermillion	43	34
CONTRACT NO.			70764	
ILLINOIS FED. AID PROJECT				

NOT TO SCALE
FOR INFORMATION ONLY



NOT TO SCALE
FOR INFORMATION ONLY

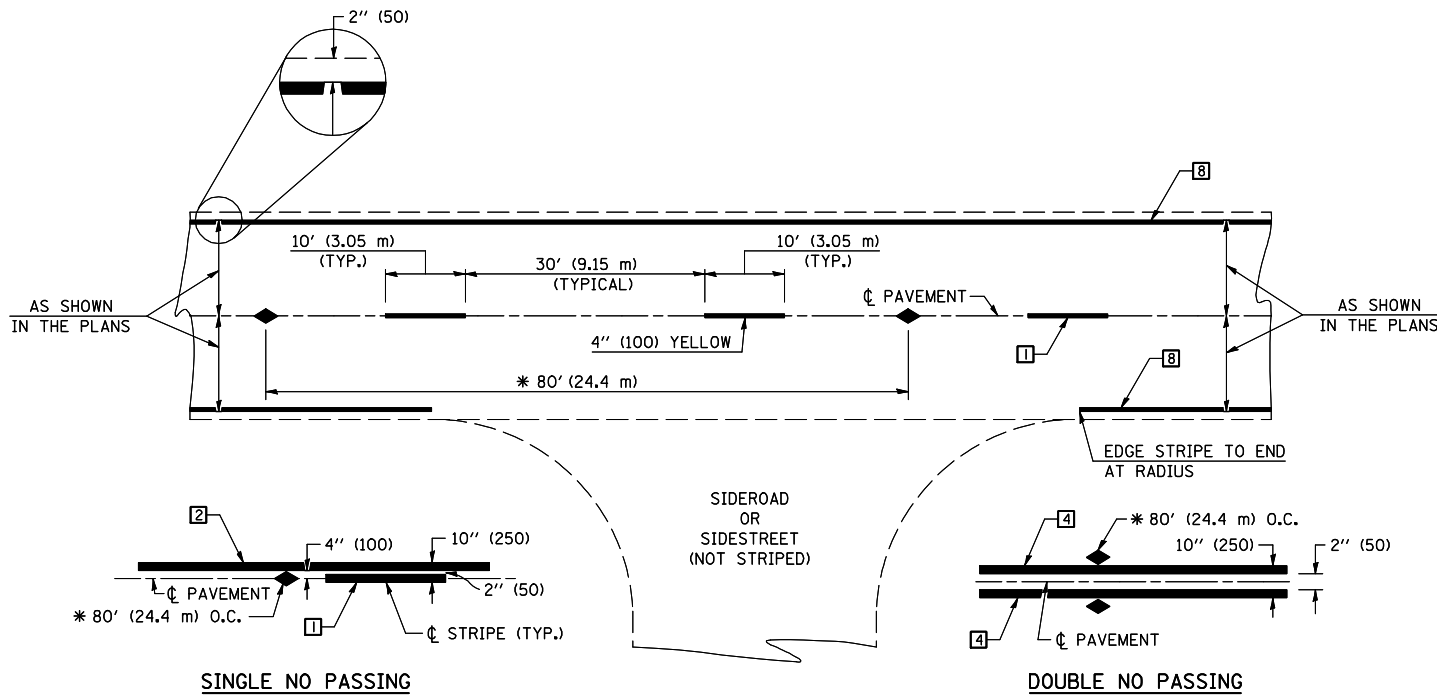


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PLOT DATE = 4/10/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAIL			
INTERSECTION OF IL 9 AND IL 1			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&46RS-8	Vermillion	43	35
CONTRACT NO. 70764				
ILLINOIS FED. AID PROJECT				



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

TWO LANE/TWO WAY

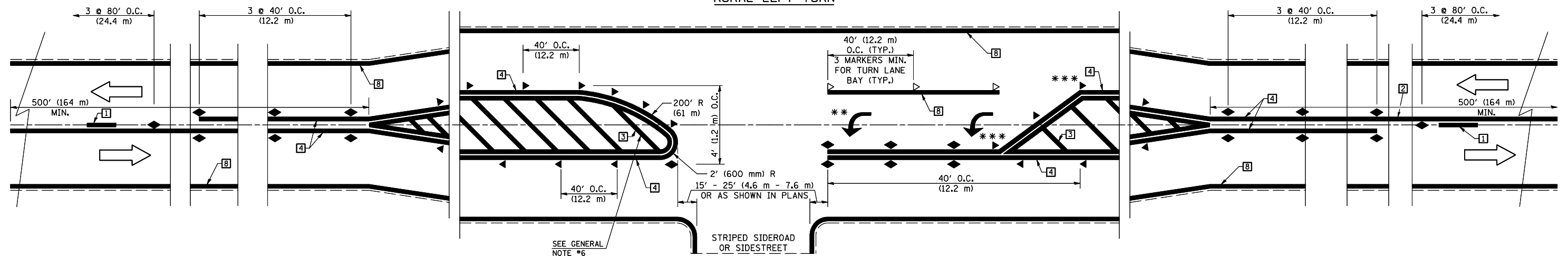
TYPICAL PAVEMENT MARKING LEGEND

- 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

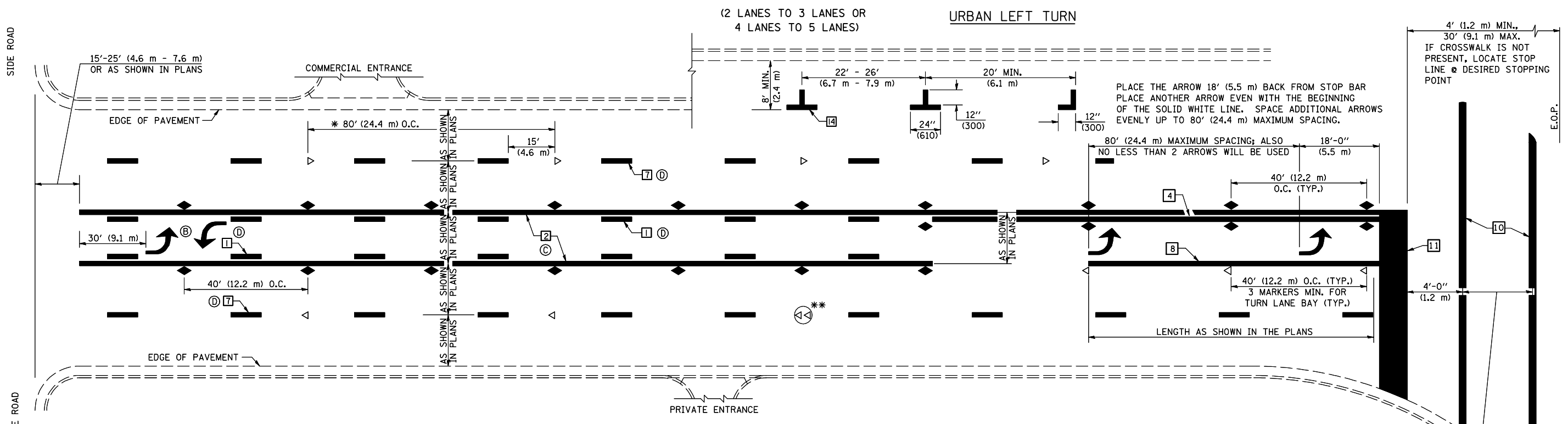
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	PLOT DATE = 4/10/2009	DATE -	REVISED -

**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.
697	2RS-3&4RS-8	Vermillion	43	36
CONTRACT NO. 70764				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

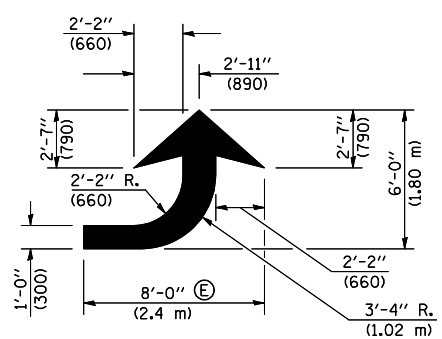


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

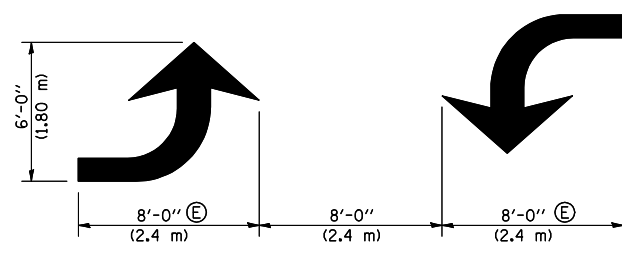
GENERAL NOTES:

- ⓑ 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)



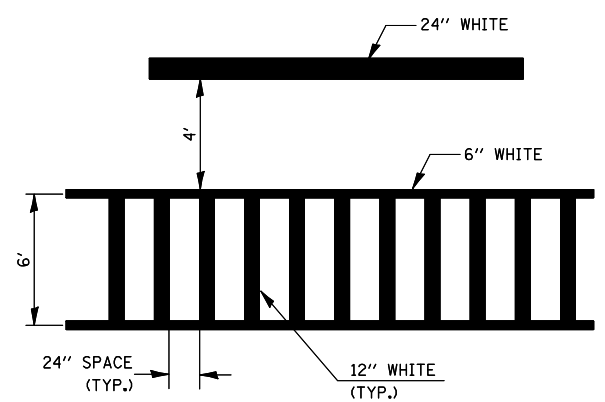
LEFT ARROW

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

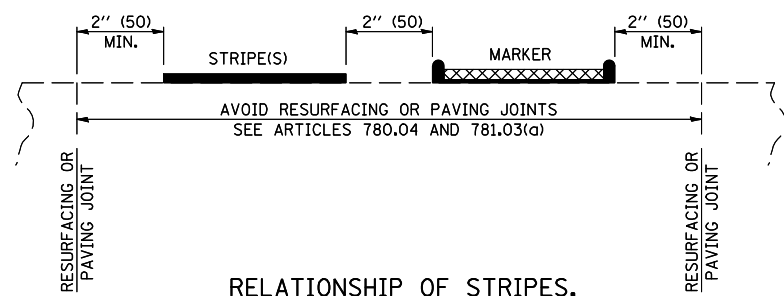


TYPICAL DOUBLE TURN ARROWS (WHITE)

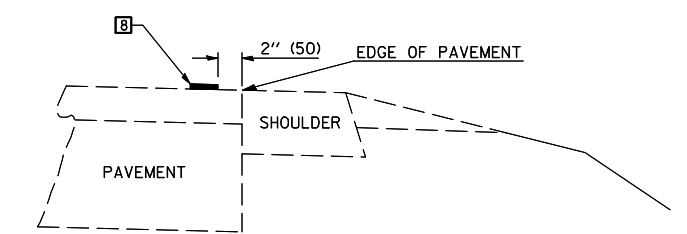
BLOOMINGTON-NORMAL CITY LIMITS ONLY



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

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

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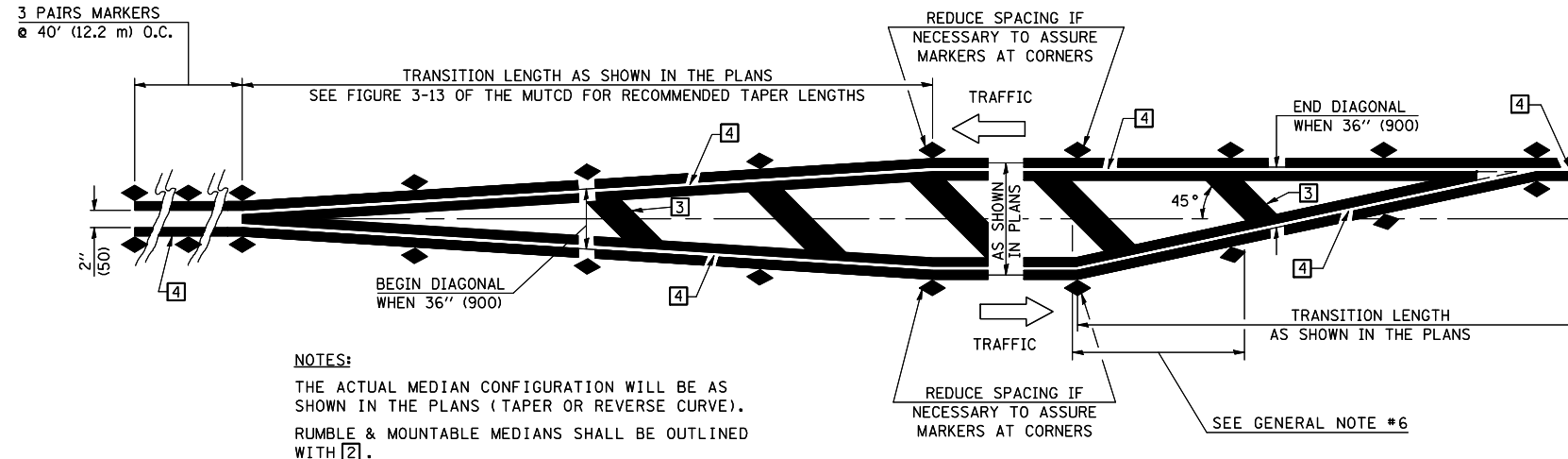
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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.
697	2RS-3&4RS-8	Vermillion	43	37
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70764	

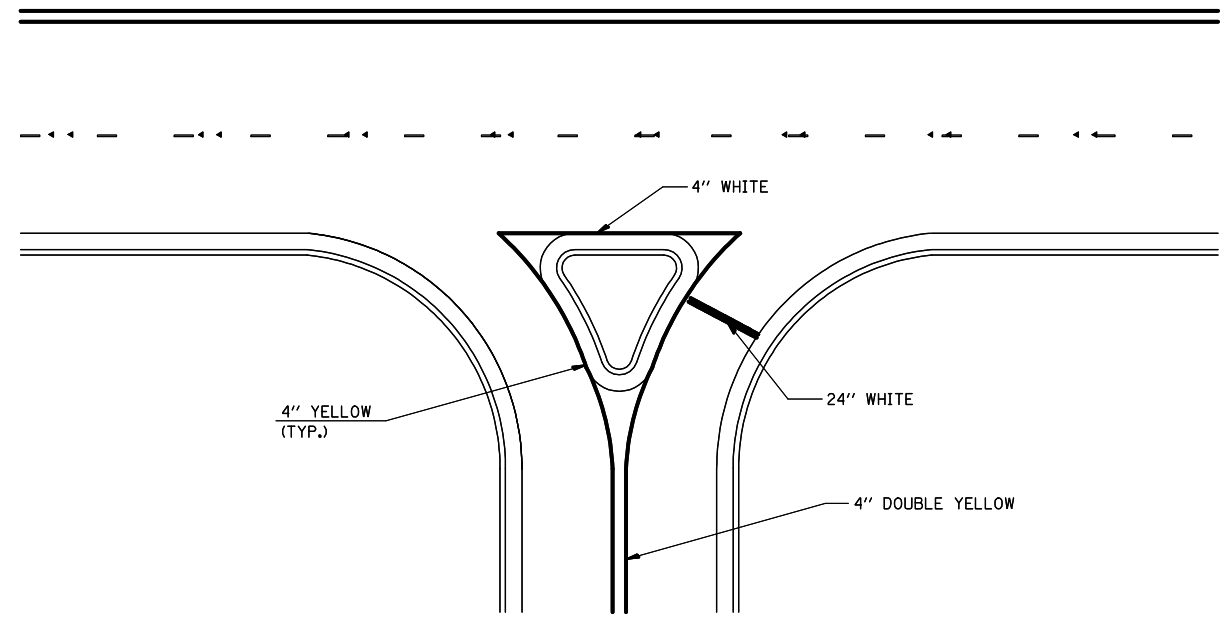


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

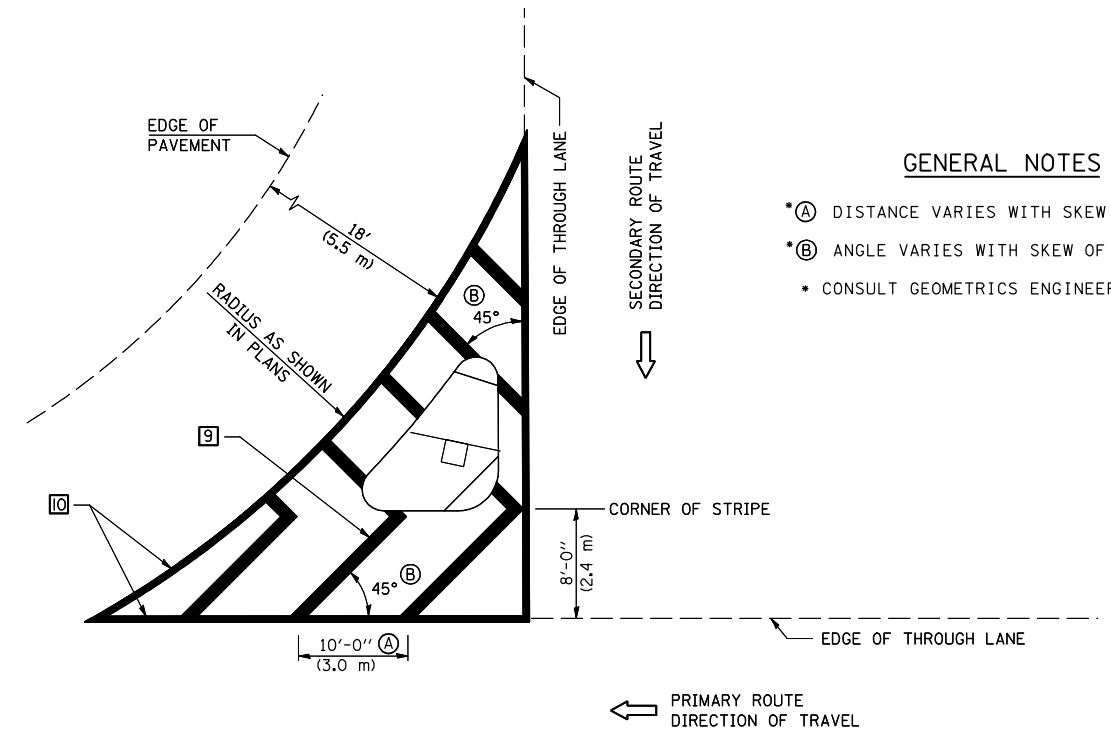
TYPICAL MEDIAN TRANSITIONS

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 SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2009	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

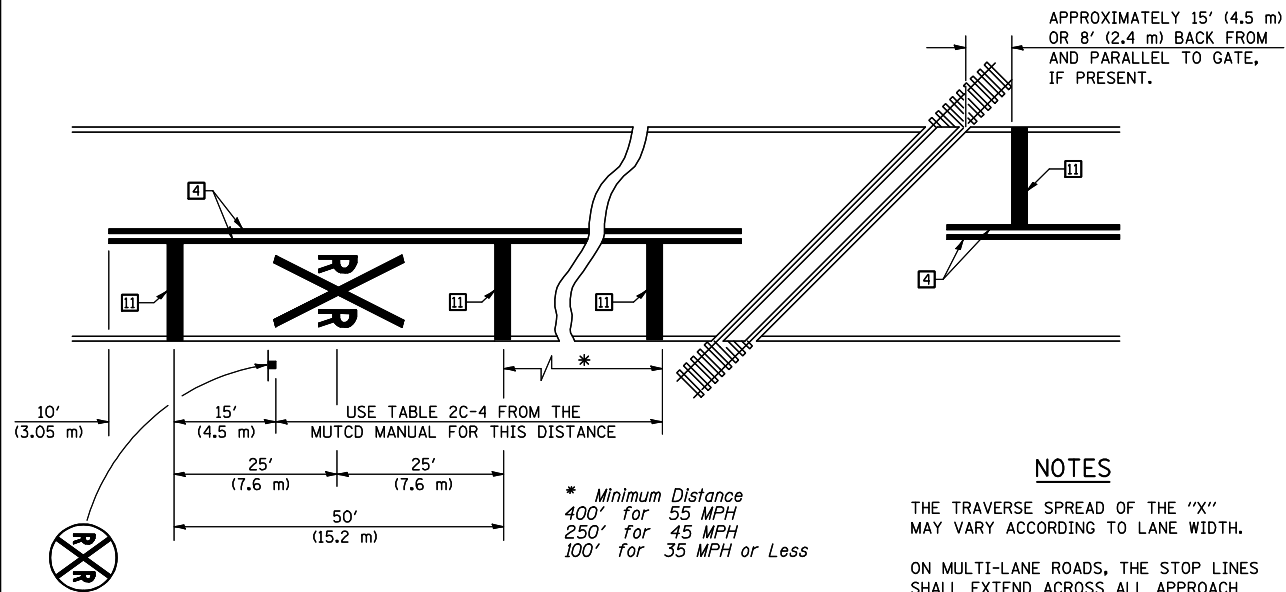
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&4RS-8	Vermillion	43	38
CONTRACT NO. 70764				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

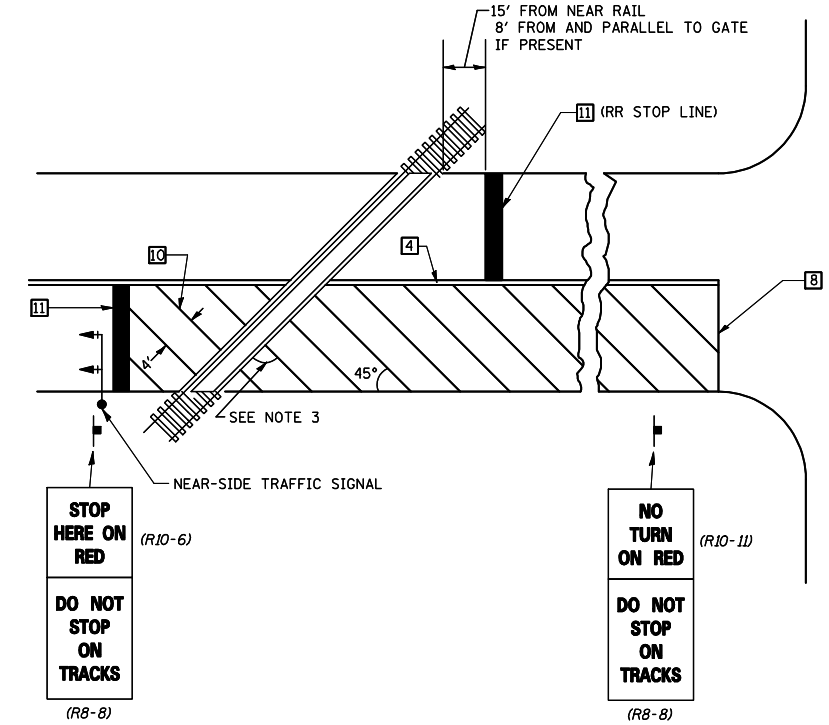
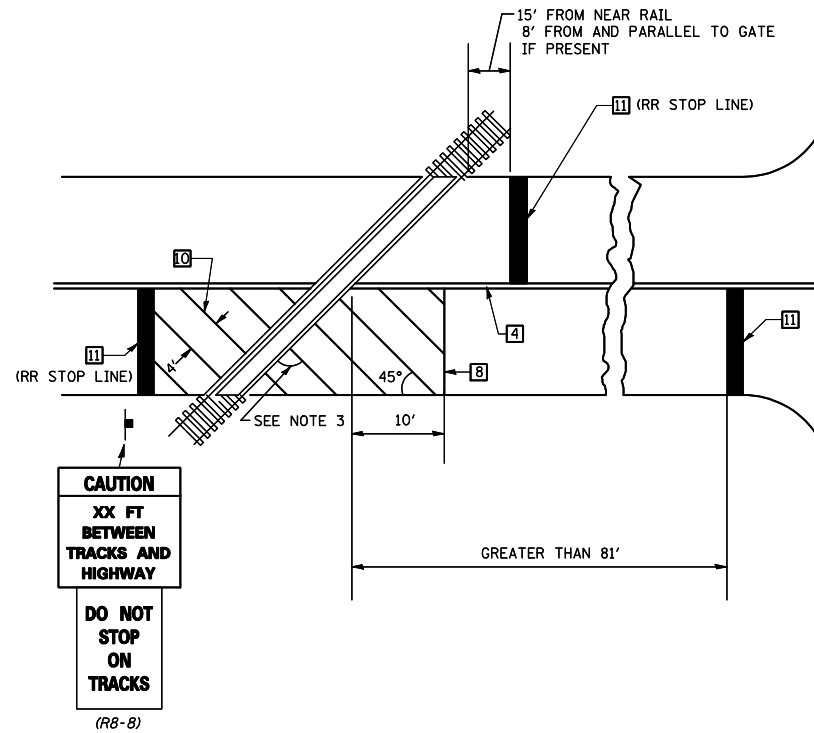
APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

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

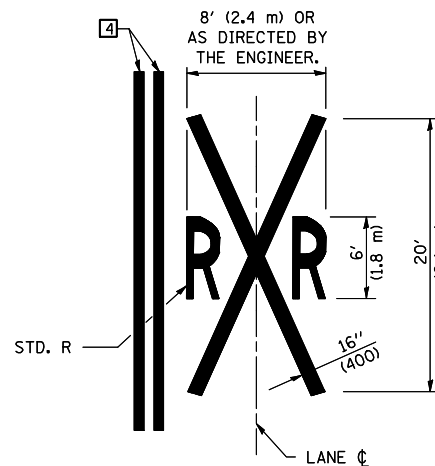
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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

* 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.

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	PLOT DATE = 4/10/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

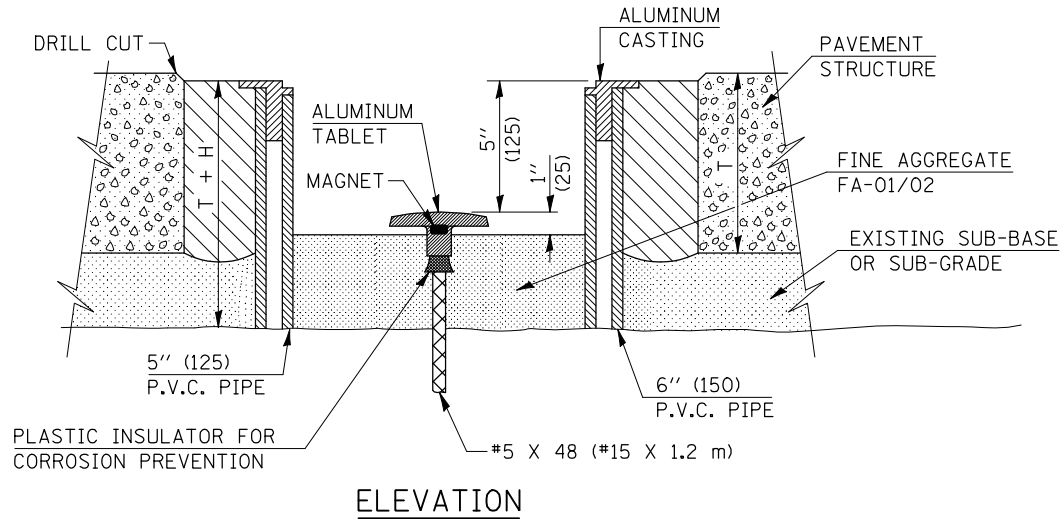
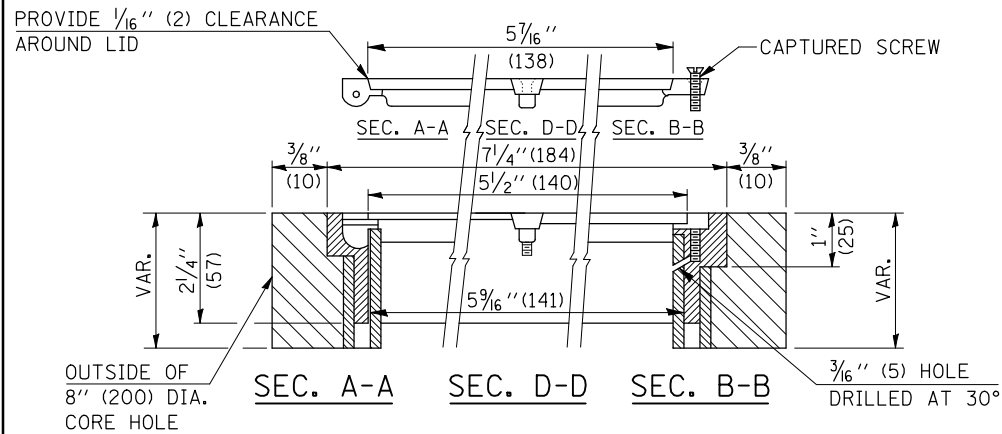
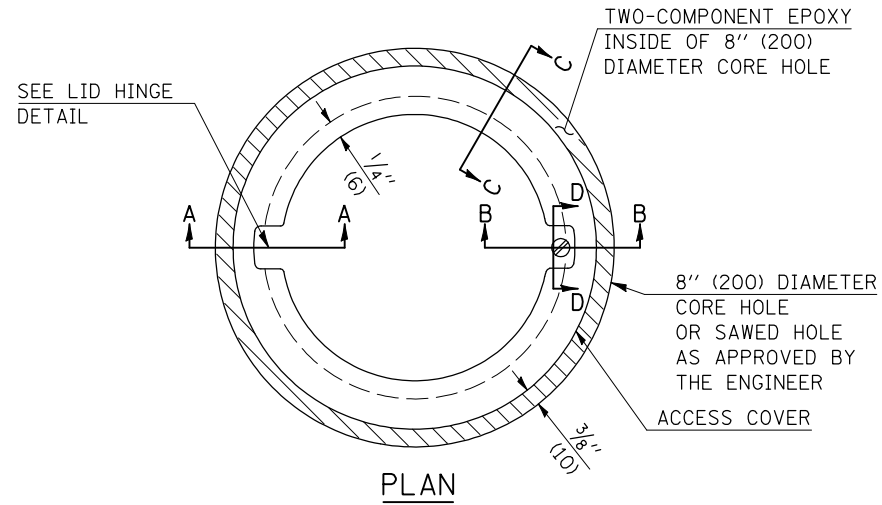
PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

DISTRICT 5 DETAIL NO. 7800AAA

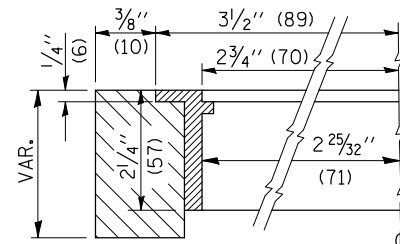
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&4RS-8	Vermillion	43	39
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70764	

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)

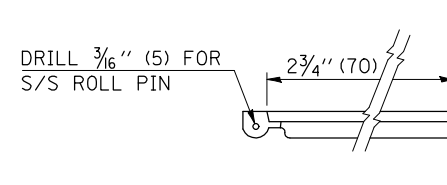


LEGEND

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



SECTION C-C



LID HINGE DETAIL

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; Q0-A-60IES. NO EXCEPTIONS.

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 667101. 5/8" X 48" (#15 X 1.2 m) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

GENERAL NOTES

1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
2. BACKFILL WITH FINE AGGREGATE - FA-01/02.
3. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
6. ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
7. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

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

DISTRICT 5 DETAIL NO. X0301232

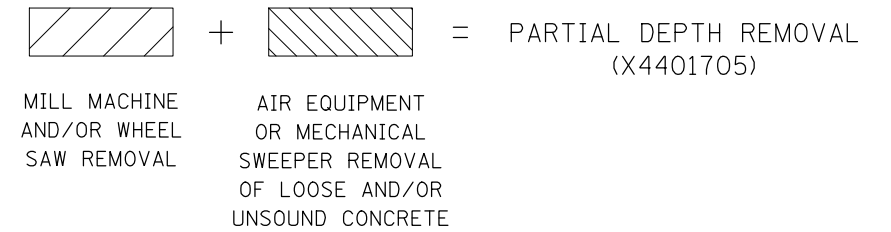
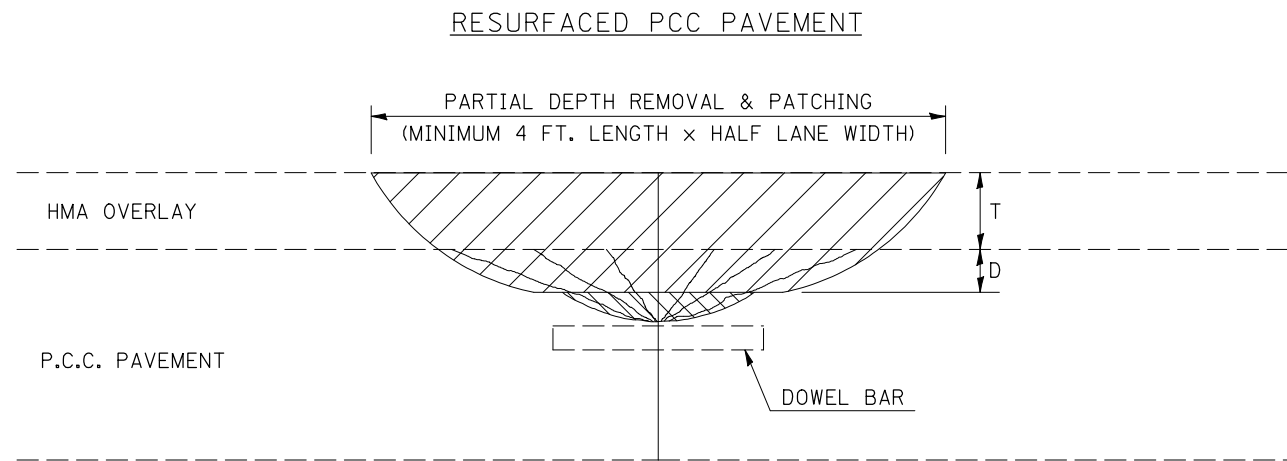
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY MARKER VAULT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&46RS-8	Vermillion	43	40
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70764	



DESIGN NOTES

PARTIAL DEPTH HMA PATCHING IS INTENDED TO REMOVE ALL EXISTING HMA MATERIAL DOWN TO THE EXISTING PCC OR AGGREGATE.

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.

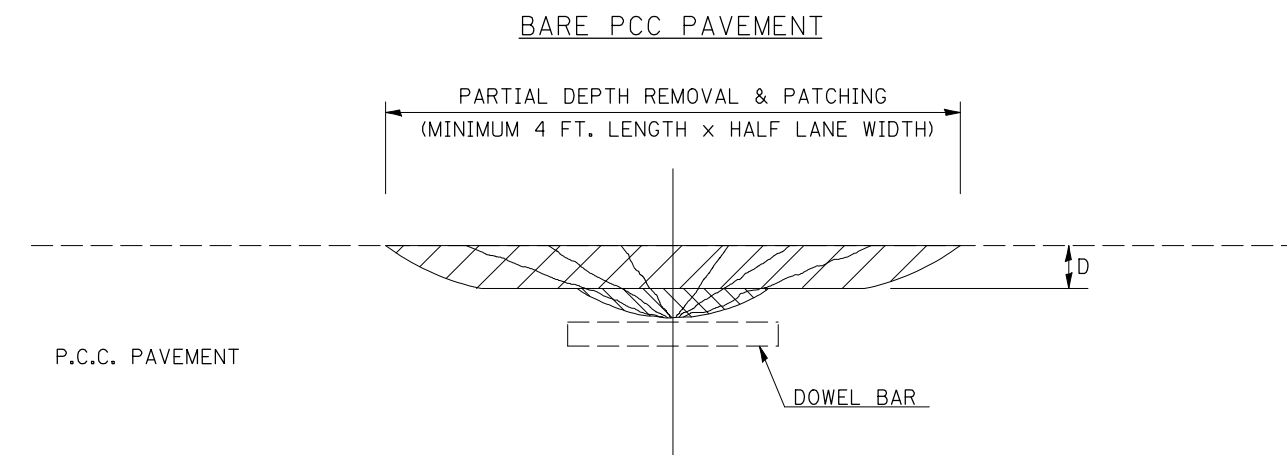
T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

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.



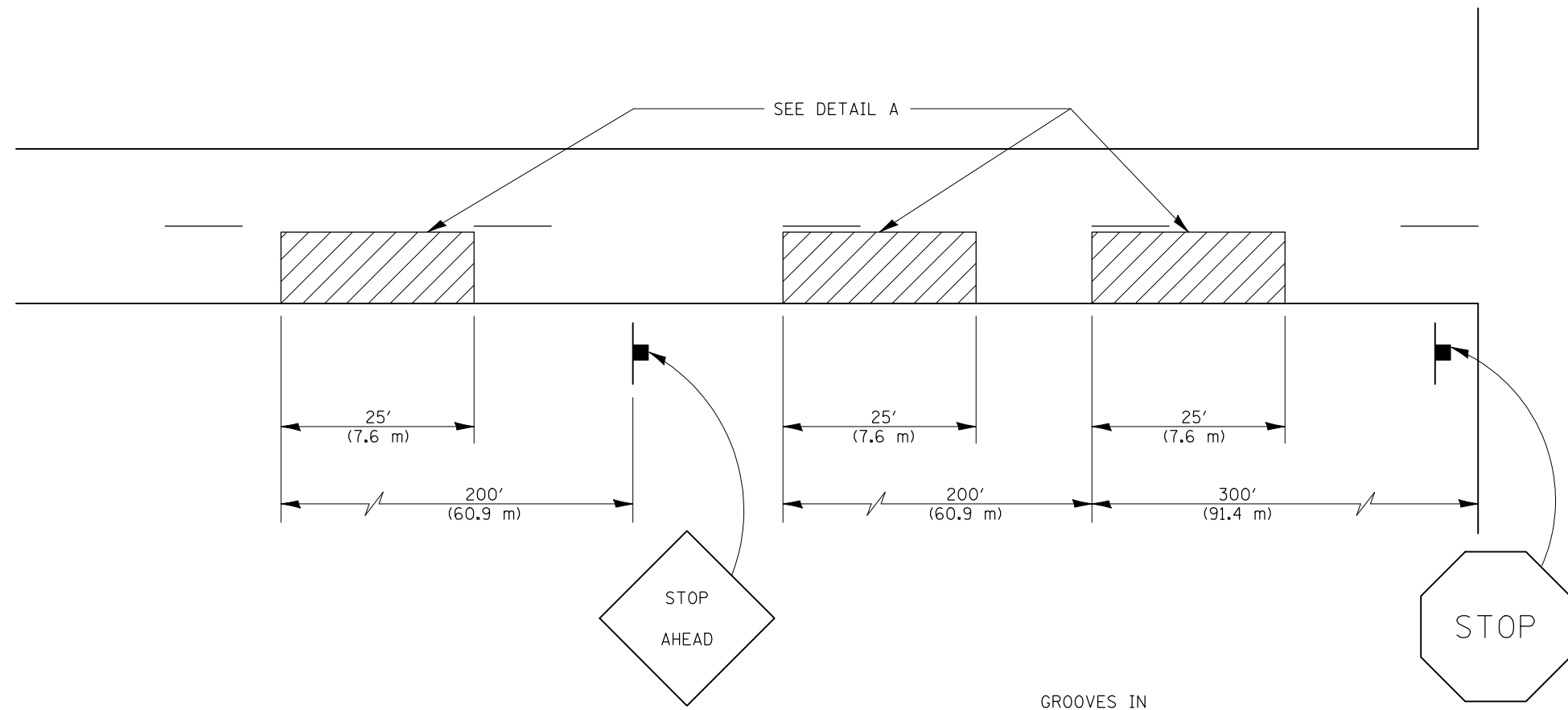
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

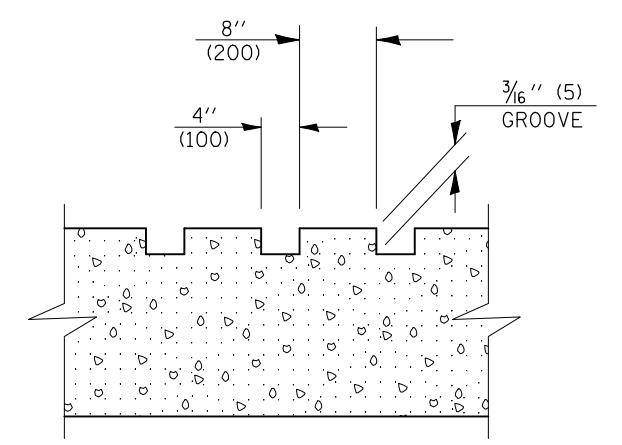
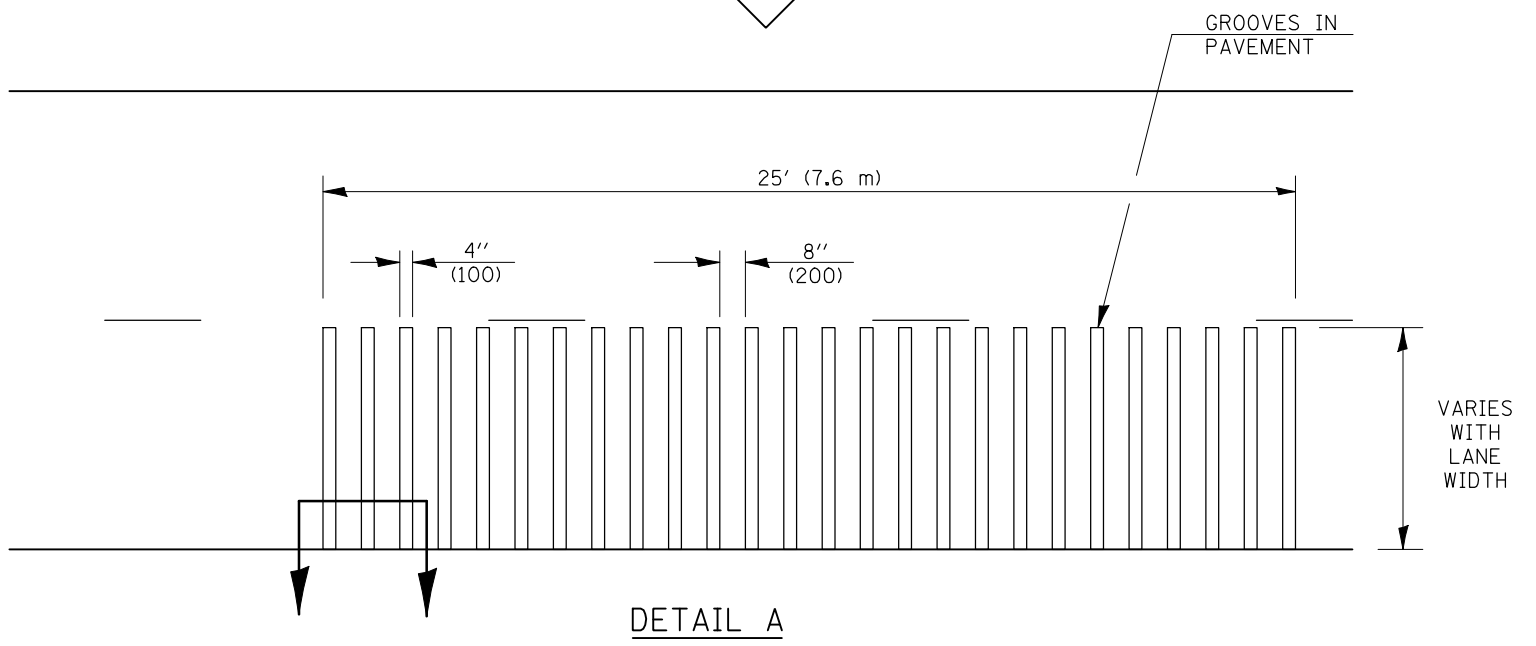
PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&46RS-8	Vermilion	43	41
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70764	



GENERAL NOTES

1. ALL GROOVES SHALL BE CONSTRUCTED USING A 4" (100 mm) MILLING HEAD OR SERIES OF 4" (100 mm) MILLING HEADS CAPABLE OF CUTTING TO THE SPECIFIED DEPTH OR ANY VARIABLE DEPTH.
2. THIS WORK WILL BE MEASURED FOR PAYMENT PER EACH 25' (7.6 m) INDIVIDUAL RUMBLE STRIP APPLIED AND PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR RUMBLE STRIP, WHICH PRICE SHALL INCLUDE ALL EQUIPMENT, MATERIAL, LABOR AND OTHER ITEMS REQUIRED TO INSTALL EACH INDIVIDUAL RUMBLE STRIP.



SECTION A-A

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

DISTRICT 5 DETAIL NO. Z0055300

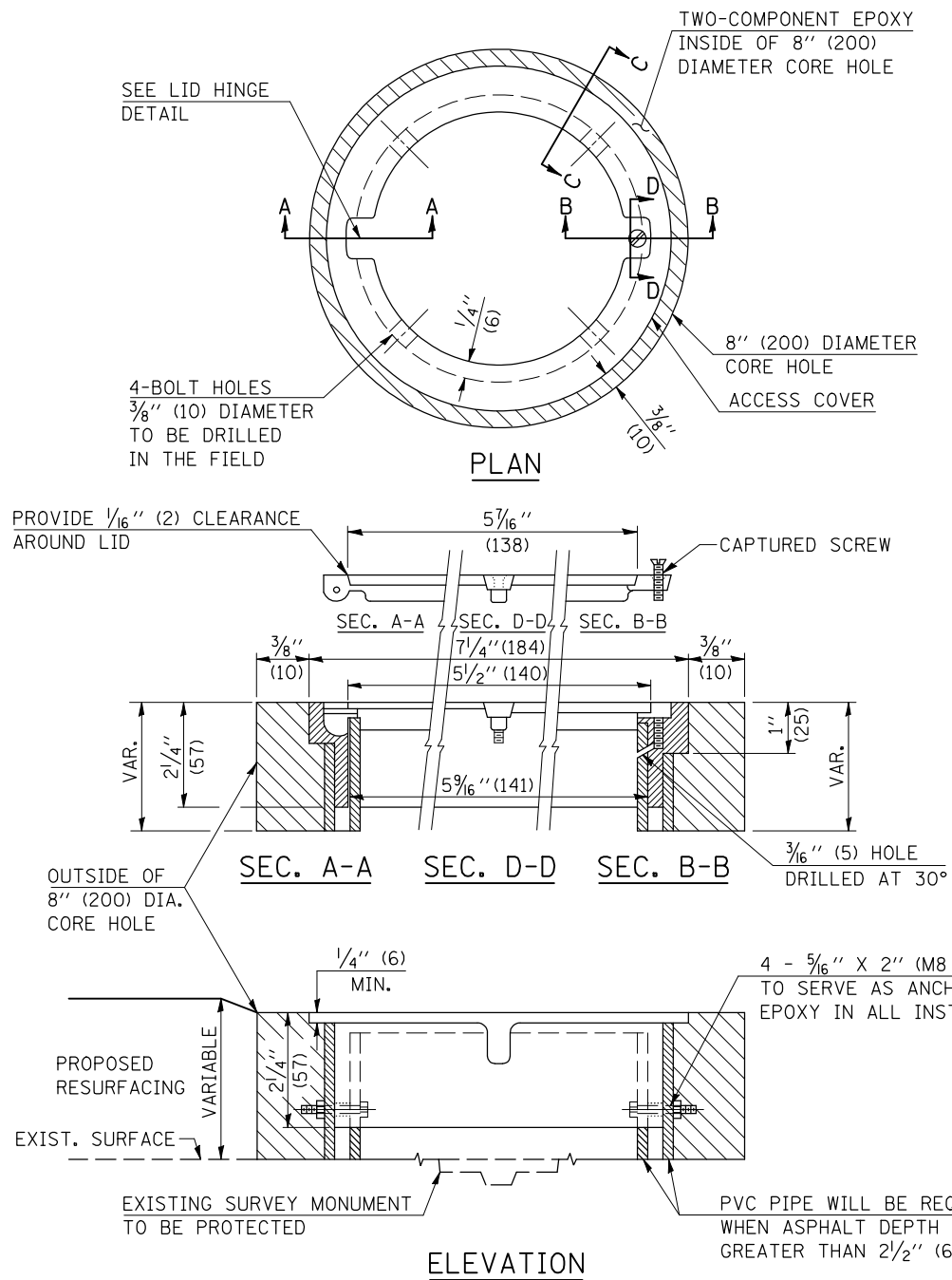
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIP (ADVANCE OF INTERSECTIONS)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&4RS-8	Vermillion	43	42
CONTRACT NO. 70764				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TO BE INSTALLED IN ALL PAVEMENT TYPES FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S) AND LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; Q0-A-601Es. NO EXCEPTIONS.

BILL OF MATERIAL

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

GENERAL NOTES

1. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
2. THE SURVEY MONUMENT COVER ASSEMBLY SHALL BE CENTERED ABOVE THE SURVEY MONUMENT TO BE PROTECTED.
3. MODIFICATION OF THE ALUMINUM CASTING SHALL BE DONE BY GRINDING OR SAWING WHEN HEIGHT REDUCTION IS REQUIRED.
4. ALL SURVEY MONUMENT COVER ASSEMBLIES SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
5. ALUMINUM CASTING SHALL BE PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE WHEN AN INCREASE IN HEIGHT IS REQUIRED.
6. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
7. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MONUMENT COVER ASSEMBLY WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING THE NEW PAVEMENT SURFACE AND EPOXY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

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

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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY MONUMENT COVER ASSEMBLY

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

DISTRICT 5 DETAIL NO. Z0070100

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	2RS-3&46RS-8	Vermillion	43	43
CONTRACT NO. 70764				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				