

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	(1,2)RS-4 & 3RS-3	EDGAR	23	1
		ILLINOIS	CONTRACT NO. 70763	

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

F.A.P. ROUTE 91 (IL 16)
SECTION (1,2)RS-4 & 3RS-3
RESURFACING (SMART)
COLES CO. LINE TO IL 133
EDGAR COUNTY
PROJECT ESP-0091(071)
C-95-020-09

STATION EQUATION:
 STA. 683+03.98 (BK) =
 STA. 683+07.75 (AH)

STATION EQUATION: PROJECT ENDS:
 STA. 1365+41.36 (BK) = STATION: 3366+96.66
 STA. 3365+41.36 (AH)

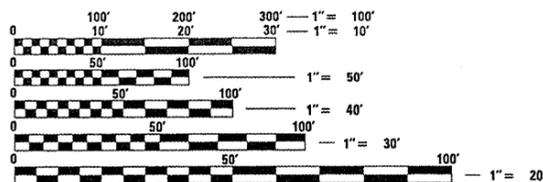


CURRENT ADT

F. A. P. 91 (IL 16) = 3, 150 (2009)

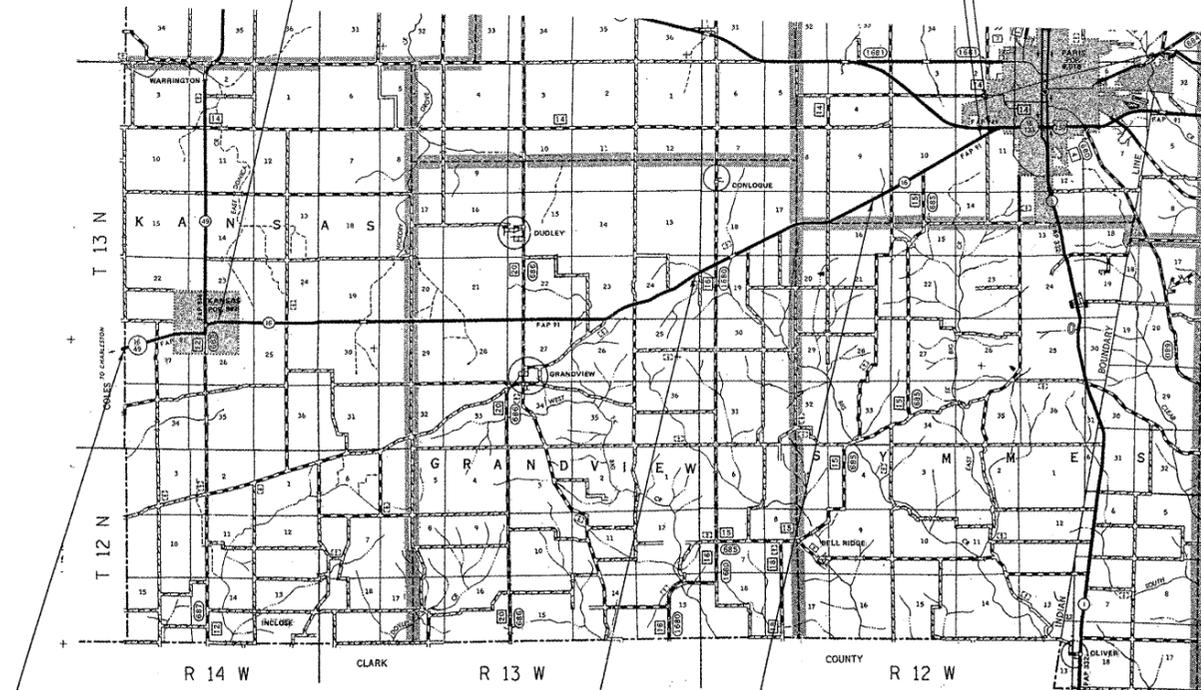
DESIGN DESIGNATION

MINOR ARTERIAL



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

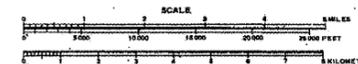


PROJECT BEGINS:
 STATION 600+30.00

STATION EQUATION:
 STA. 1010+30.63 (BK) =
 STA. 1010+31.38 (AH)

STATION EQUATION:
 STA. 1193+31.38 (BK) =
 STA. 1192+70.07 (AH)

GROSS LENGTH = 76,723.45 FT. = 14.531 MILES
 NET LENGTH = 76,723.45 FT. = 14.531 MILES



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 8/11 20 09
Paul G. Gowen
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 2, 20 09
Charles J. Ingersoll
 ENGINEER OF DESIGN AND ENVIRONMENT

October 2, 20 09
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PLOT DATE = 8/17/2009
 FILE NAME = G:\pwworkspace\FWIDOT\BOWERML\01247N\70763-sht1-cover.dgn
 PLOT SCALE = 40,0000 / IN.
 USER NAME = bowerml

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
6-8	EXISTING TYPICAL SECTIONS
9-11	PROPOSED TYPICAL SECTIONS
12-14	SCHEDULE OF QUANTITIES
15	TRANSITION DETAIL
16-17	STRIPING DETAILS
18	CORRUGATED MEDIAN (DOWELLED)
19	PERMANENT SURVEY MARKERS (TYPE IV AND ADJUSTED)
20-23	TYPICAL APPLICATIONS OF PAVEMENT MARKINGS

LIST OF STANDARDS

STANDARD NUMBER	NAME OF STANDARD
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (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
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

STRUCTURES AND CULVERTS

STRUCTURE NUMBER	PROPOSED IMPROVEMENT
023-8000	1.5" HMA INLAY
023-8001	1.5" HMA INLAY
023-2007	1.5" HMA INLAY
023-8002	1.5" HMA INLAY
023-8608	1.5" HMA INLAY
023-8003	1.5" HMA INLAY
023-8004	1.5" HMA INLAY
023-8005	1.5" HMA INLAY
023-2008	1.5" HMA INLAY
023-8006	1.5" HMA INLAY
023-8312	1.5" HMA INLAY

FILE NAME =	USER NAME = bowerml	DESIGNED - GTR	REVISED -
c:\pwork\pwork\BOWERML\08112471\7076	text.dgn	DRAWN - BBP	REVISED -
PLOT SCALE = 40.0000' / IN.	CHECKED - GTR	REVISED -	
PLOT DATE = 8/7/2009	DATE - 01/06/09	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS & LIST OF STANDARDS

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	(1,2)RS-4 & 3RS-3	EDGAR	23	2
CONTRACT NO. 70763				
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.-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:

Mixture Use	Class D Patches	Surface
AC/PG	PG 64-22	PG 64-22
RAP % (Max)	25	15
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 19.0	IL 9.5
Friction Aggregate	N.A.	Mix C

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 = bowerm	DESIGNED - GTR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 40.0000' / IN.	CHECKED - GTR	REVISED -			CONTRACT NO. 70763					
	PLOT DATE = 8/7/2009	DATE - 01/06/09	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: N/A	SHEET NO. OF SHEETS		STA. TO STA.			

LOCATION OF WORK: FAP 91(IL 16)
RURAL
EDGAR COUNTY
STA 600+30.00 TO 33366+96.66
IL 16 FROM COLES/EDGAR LINE TO IL 133 IN PARIS

FUNDING BREAKOUT: FEDERAL--100%
CONSTRUCTION TYPE CODE: 1000

<u>CODE NO</u>	<u>ITEM</u>	<u>UNIT</u>	<u>TOTAL QUANTITY</u>
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	11,300.0
40600300	AGGREGATE (PRIME COAT)	TON	225.0
40600895	CONSTRUCTING TEST STRIP	EACH	1.0
40600990	TEMPORARY RAMP	SQ YD	101.0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	18,920.0
44000154	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/4"	SQ YD	225,165.0
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	703.0
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	8.0
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	477.0
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	68.0
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	70.0
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	11.0
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	158.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,021.0
56109210	WATER VALVES TO BE ADJUSTED	EACH	4.0
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3.0
60624610	CORRUGATED MEDIAN (DOWELLED)	SQ FT	703.0
66700110	PERMANENT SURVEY MARKERS TO BE ADJUSTED	EACH	5.0

FILE NAME =	USER NAME = bowerml	DESIGNED - GTR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/7/2009	DATE - 01/06/09	REVISED -		ILLINOIS FED. AID PROJECT								

LOCATION OF WORK:

FAP 91 (IL 16)
 RURAL
 EDGAR COUNTY
 STA 600+30.00 TO 33366+96.66
 IL 16 FROM COLES/EDGAR LINE TO IL 133 IN PARIS

FUNDING BREAKOUT:

FEDERAL--100%
 CONSTRUCTION TYPE CODE: I000

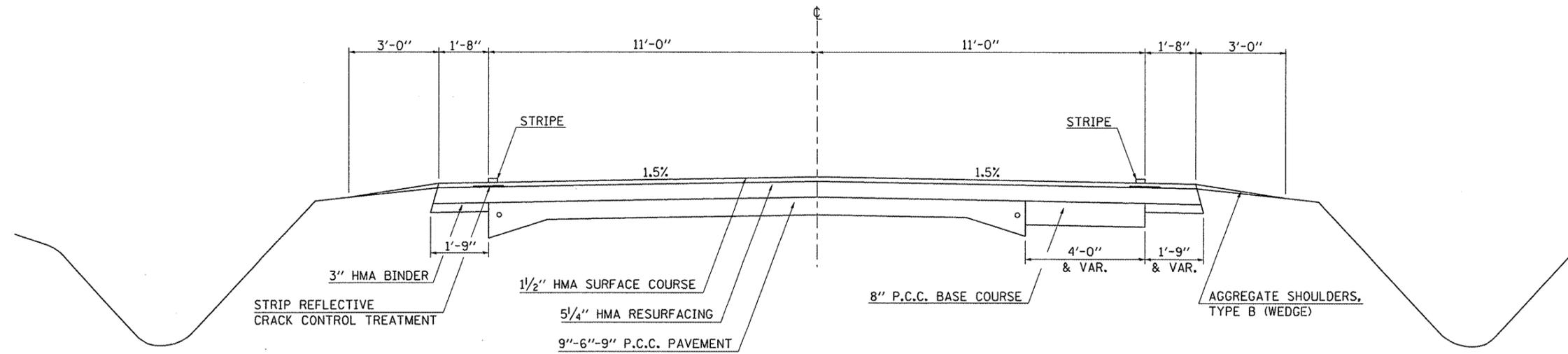
CODE NO	ITEM	UNIT	TOTAL QUANTITY
67100100	MOBILIZATION	L SUM	1.0
70100450	TRAFFIC CONTROL AND PROTECTION,STANDARD 701201	L SUM	1.0
70100460	TRAFFIC CONTROL AND PROTECTION,STANDARD 701306	L SUM	1.0
70102620	TRAFFIC CONTROL AND PROTECTION,STANDARD 701501	L SUM	1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	15,400.0
70300220	TEMPORARY PAVEMENT MARKING- LINE 4"	FOOT	187,628.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,570.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING- LINE 4"	FOOT	6,375.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING- LINE 6"	FOOT	125.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING- LINE 12"	FOOT	920.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING- LINE 24"	FOOT	65.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	181,253.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,056.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,158.0
Z0010900	COLD MILLING (SPECIAL)	FOOT	4,150.0

* DENOTES SPECIALTY ITEM

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PLOT SCALE = 40.0000 ' / IN.	DATE - 01/06/09	REVISED -	REVISED -		SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 70763				
PLOT DATE = 8/7/2009	REVISED -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT								

① EXISTING TYPICAL CROSS SECTION

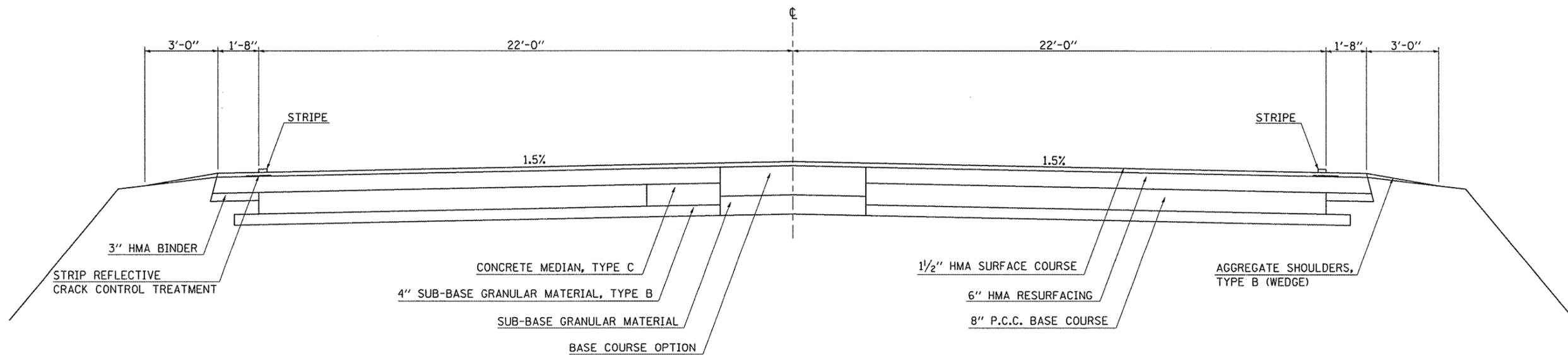
STATION 600+30.00 TO STATION 663+11.47 ②



② EXISTING TYPICAL CROSS SECTION

① STATION 663+11.47 TO STATION 668+17.37 ③

③ STATION 675+60.77 TO STATION 681+27.07 ③



FILE NAME =
c:\pw_work\PW1007\BOWERML\d0112471\70763-sh1-typicel.dgn

USER NAME = bowerml
PLOT SCALE = 48.0000 ' / IN.
PLOT DATE = 8/7/2009

DESIGNED - GTR
DRAWN - BBP
CHECKED - GTR
DATE - 01/07/09

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

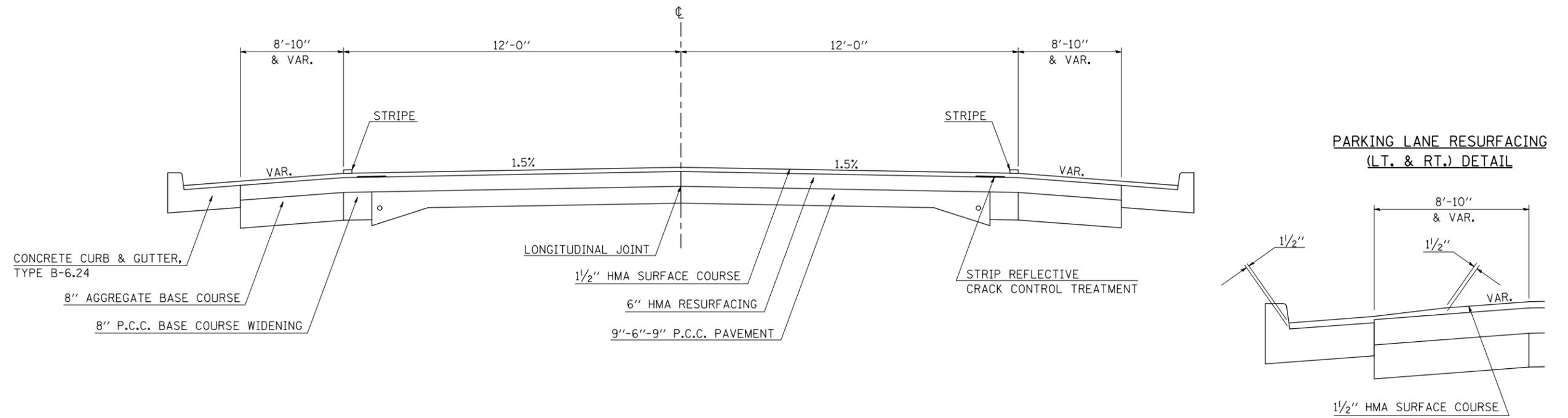
EXISTING TYPICAL CROSS SECTIONS

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 91	SECTION (1,2)RS-4 & 3RS-3	COUNTY EDGAR	TOTAL SHEETS 23	SHEET NO. 6
CONTRACT NO. 70763				
ILLINOIS FED. AID PROJECT				

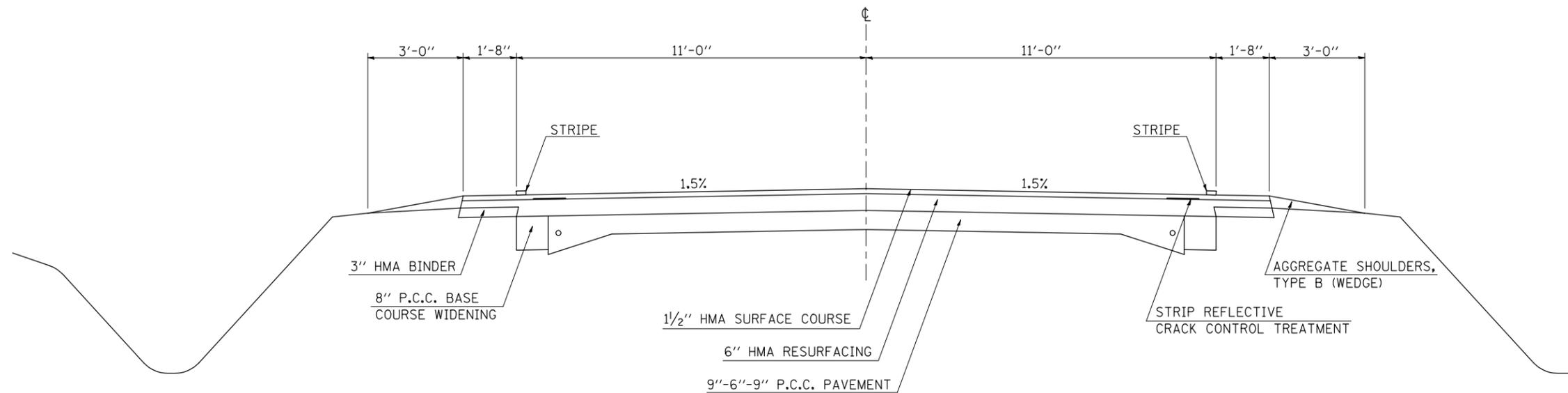
③ EXISTING TYPICAL CROSS SECTION

② STATION 668+17.37 TO STATION 675+60.77 ② STATION EQUATION:
 ② STATION 681+27.07 TO STATION 701+30.16 ④ STATION 683+09.93 (BK) = STATION 683+07.75 (AH)



④ EXISTING TYPICAL CROSS SECTION

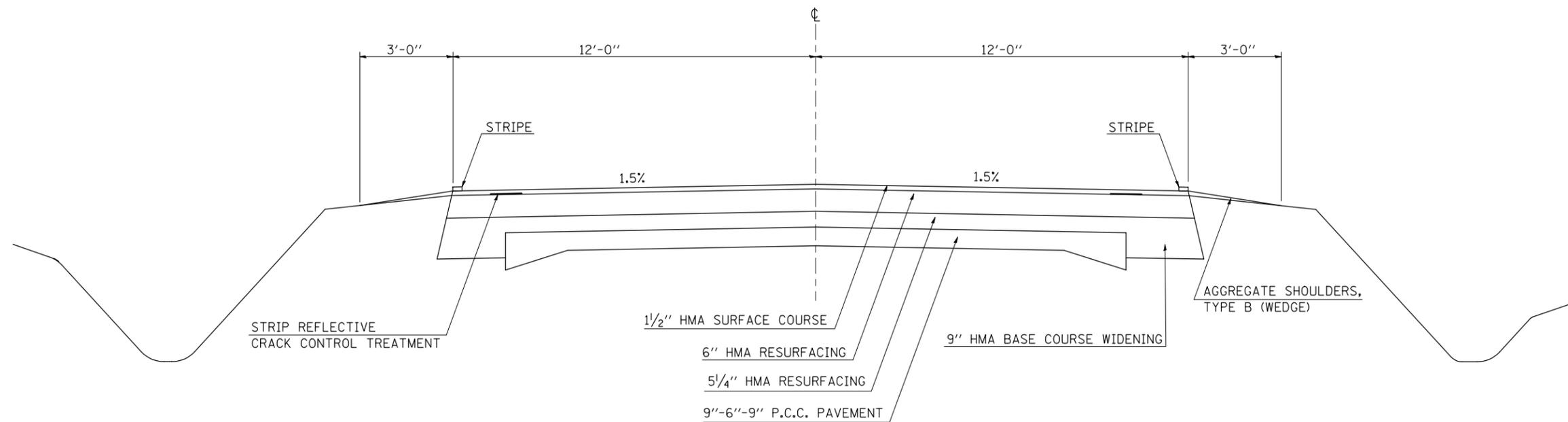
③ STATION 701+30.16 TO STATION 1363+55.06 ⑤ STATION EQUATIONS:
 STATION 1010+30.63 (BK) TO STATION 1010+31.38 (AH)
 STATION 1193+31.38 (BK) TO STATION 1192+70.07 (AH)



FILE NAME =	USER NAME = bowerml	DESIGNED - GTR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 40.0000' / IN.		CHECKED - GTR	REVISED -		CONTRACT NO. 70763									
PLOT DATE = 8/7/2009		DATE - 01/07/09	REVISED -		ILLINOIS FED. AID PROJECT									

⑤ EXISTING TYPICAL CROSS SECTION

④ STATION 1363+55.06 TO STATION 1364+36.00 ⑥

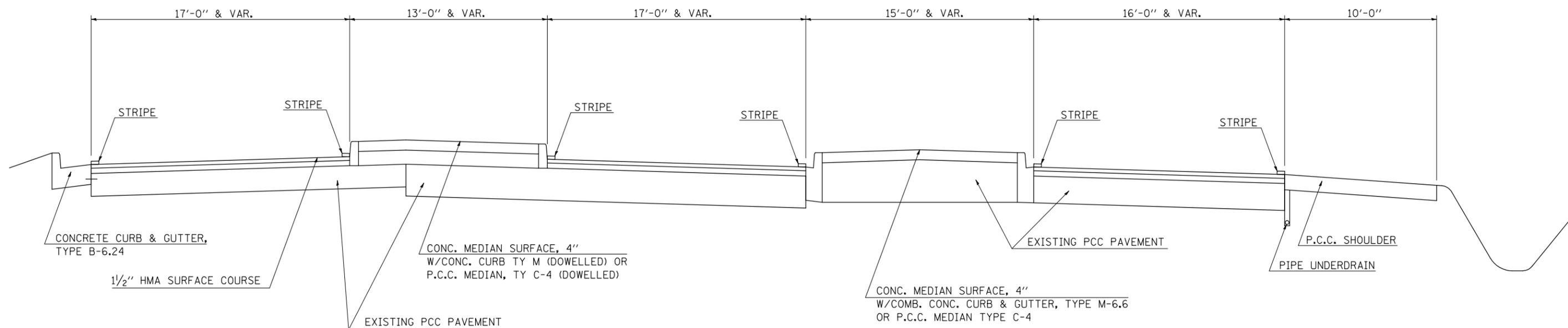


⑥ EXISTING TYPICAL CROSS SECTION

⑤ STATION 1364+36.00 TO STATION 3366+96.66

STATION EQUATION:

STATION 1365+41.36 (BK) = STATION 3365+41.36 (AH)



FILE NAME =	USER NAME = bowerml	DESIGNED - GTR	REVISED -
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		CHECKED - GTR	REVISED -
		DATE - 01/07/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

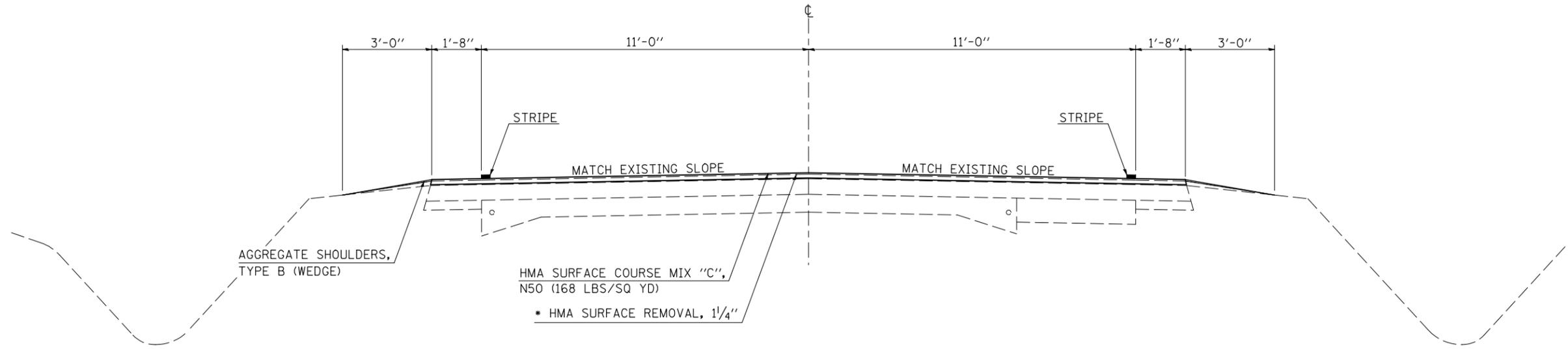
EXISTING TYPICAL CROSS SECTIONS

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	(1,2)RS-4 & 3RS-3	EDGAR	23	8
CONTRACT NO. 70763				
ILLINOIS FED. AID PROJECT				

(A) PROPOSED TYPICAL CROSS SECTION

STATION 600+30.00 TO STATION 663+11.47 (B)

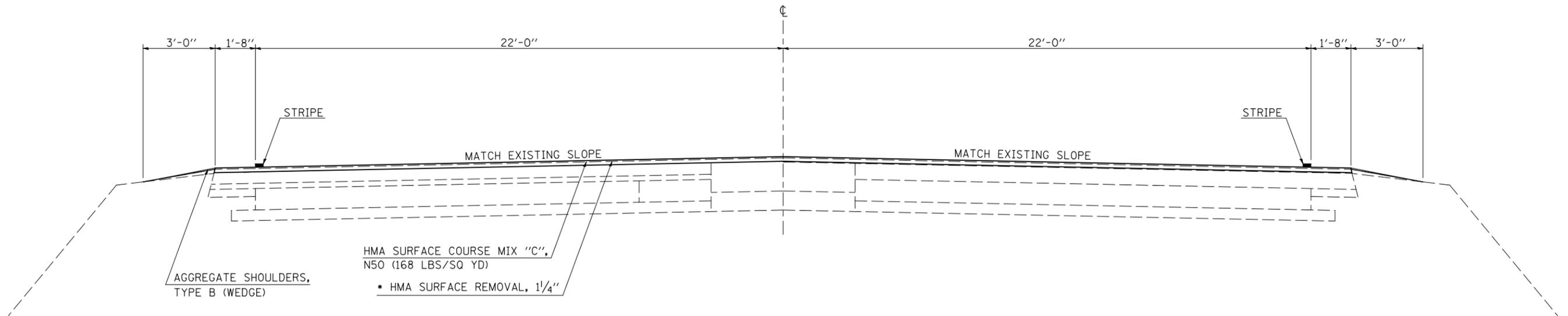


* REMOVE A MAXIMUM OF 1/4" SURFACE MATERIAL ACROSS THE PAVEMENT IN ORDER TO AVOID DAMAGE TO THE EXISTING CRACK CONTROL TREATMENT.

(B) PROPOSED TYPICAL CROSS SECTION

(A) STATION 663+11.47 TO STATION 668+17.37 (C)

(C) STATION 675+60.77 TO STATION 681+27.07 (C)

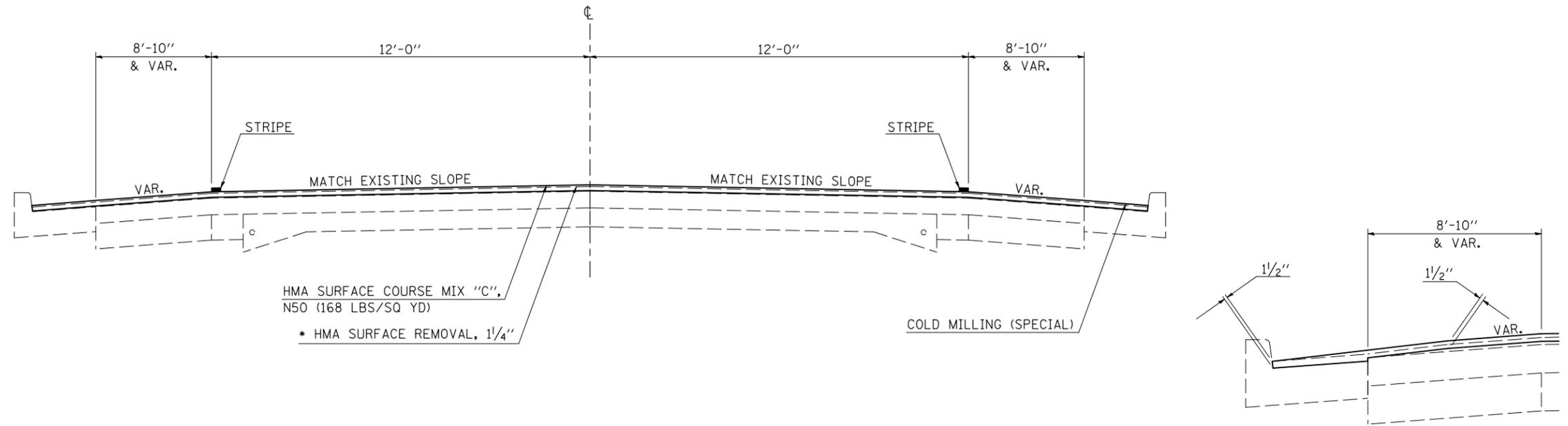


* REMOVE A MAXIMUM OF 1/4" SURFACE MATERIAL ACROSS THE PAVEMENT IN ORDER TO AVOID DAMAGE TO THE EXISTING CRACK CONTROL TREATMENT.

FILE NAME =	USER NAME = bowerm1	DESIGNED - GTR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PWIDOT\BOWERML\d0112471\70763-sht-typical.dgn		DRAWN - BBP	REVISED -		91	(1,2)RS-4 & 3RS-3	EDGAR	23	9				
PLOT SCALE = 40.0000' / IN.		CHECKED - GTR	REVISED -		CONTRACT NO. 70763				ILLINOIS FED. AID PROJECT				
PLOT DATE = 8/7/2009		DATE - 01/07/09	REVISED -		SCALE: N/A	SHEET NO.	OF SHEETS	STA.	TO STA.				

C PROPOSED TYPICAL CROSS SECTION

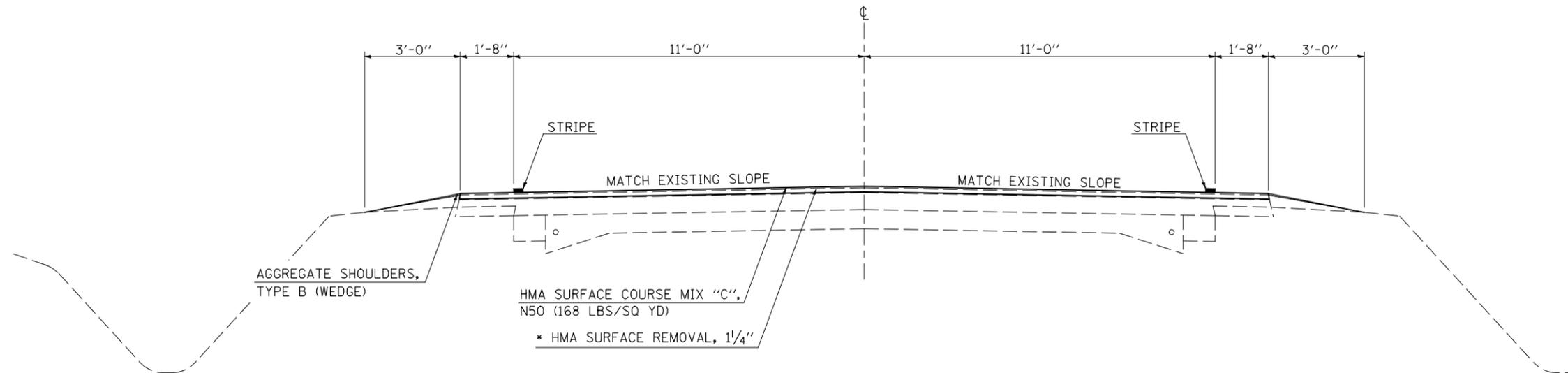
(B) STATION 668+17.37 TO STATION 675+60.77 (B) STATION EQUATION:
 (B) STATION 681+27.07 TO STATION 701+30.16 (D) STATION 683+09.93 (BK) = STATION 683+07.75 (AH)



* REMOVE A MAXIMUM OF 1/4" SURFACE MATERIAL ACROSS THE PAVEMENT
 IN ORDER TO AVOID DAMAGE TO THE EXISTING CRACK CONTROL TREATMENT.

D PROPOSED TYPICAL CROSS SECTION

(C) STATION 701+30.16 TO STATION 1363+55.06 (E) STATION EQUATIONS:
 STATION 1010+30.63 (BK) TO STATION 1010+31.38 (AH)
 STATION 1193+31.38 (BK) TO STATION 1192+70.07 (AH)

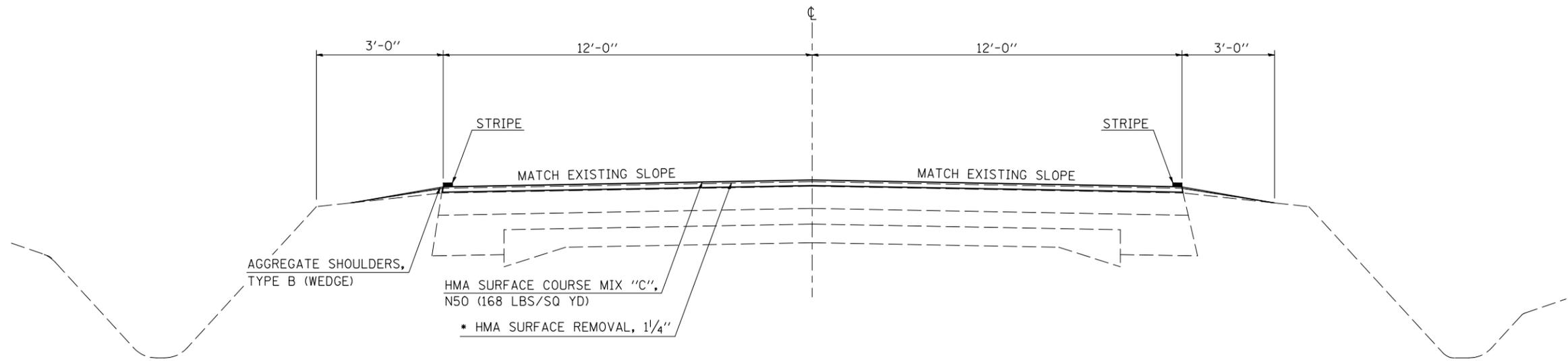


* REMOVE A MAXIMUM OF 1/4" SURFACE MATERIAL ACROSS THE PAVEMENT
 IN ORDER TO AVOID DAMAGE TO THE EXISTING CRACK CONTROL TREATMENT.

FILE NAME =	USER NAME = bowerml	DESIGNED - GTR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
ct:\pwwork\pwwid\BOWERML\d0112471\70763-sht-typical.dgn		DRAWN - BBP	REVISED -		SCALE: N/A	SHEET NO.	OF	SHEETS	STA.	TO STA.	91	(1,2)RS-4 & 3RS-3	EDGAR	23	10
		CHECKED - GTR	REVISED -												
		DATE - 01/07/09	REVISED -												

Ⓔ PROPOSED TYPICAL CROSS SECTION

Ⓔ STATION 1363+55.06 TO STATION 1364+36.00 Ⓕ



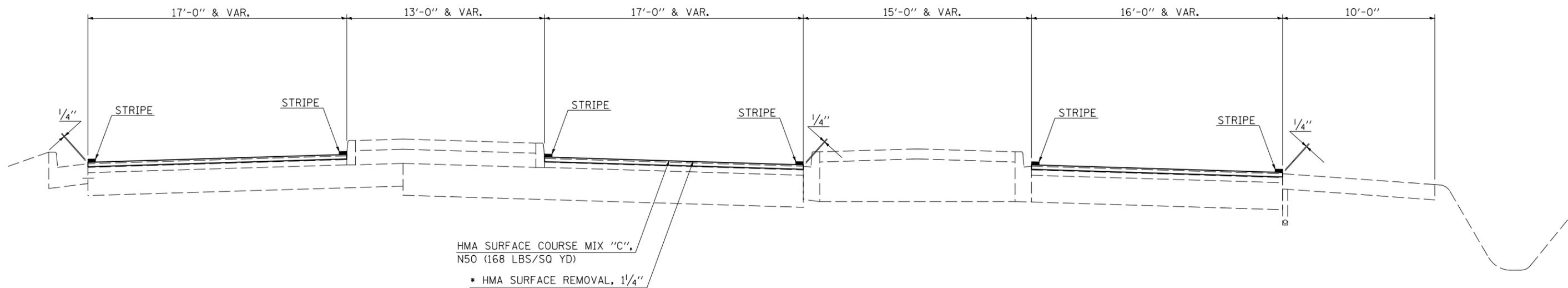
* REMOVE A MAXIMUM OF 1/4" SURFACE MATERIAL ACROSS THE PAVEMENT IN ORDER TO AVOID DAMAGE TO THE EXISTING CRACK CONTROL TREATMENT.

Ⓕ PROPOSED TYPICAL CROSS SECTION

Ⓕ STATION 1364+36.00 TO STATION 3366+96.66

STATION EQUATION:

STATION 1365+41.36 (BK) = STATION 3365+41.36 (AH)



* REMOVE A MAXIMUM OF 1/4" SURFACE MATERIAL ACROSS THE PAVEMENT IN ORDER TO AVOID DAMAGE TO THE EXISTING CRACK CONTROL TREATMENT.

FILE NAME =	USER NAME = bowerml	DESIGNED - GTR	REVISED -
ct:\pw\work\PWIDOT\BOWERML\d0112471\70763-sht-typical.dgn		DRAWN - BBP	REVISED -
		CHECKED - GTR	REVISED -
		DATE - 01/07/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL CROSS SECTIONS

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	(1,2)RS-4 & 3RS-3	EDGAR	23	11
CONTRACT NO. 70763				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SHEET 1 OF 3

SCHEDULE OF CLASS D PATCHING, 13"

SCHEDULE OF CLASS D PATCHING, 13"

SCHEDULE OF CLASS D PATCHING, 15"

STATION	DIRECTION	LENGTH(FT)	WIDTH(FT)	PATCH AREA			
				44201798	44201803	44201807	44201809
				TYPE I (SQ. YD.)	TYPE II (SQ. YD.)	TYPE III (SQ. YD.)	TYPE IV (SQ. YD.)
629+58	EB	6.0	6.0	4.0	0.0	0.0	0.0
629+72	WB	10.0	12.7	0.0	14.1	0.0	0.0
631+32	EB	6.0	6.0	4.0	0.0	0.0	0.0
639+37	WB	8.0	12.7	0.0	11.3	0.0	0.0
639+53	EB	6.0	12.7	0.0	8.4	0.0	0.0
639+75	EB	6.0	12.7	0.0	8.4	0.0	0.0
639+75	WB	6.0	12.7	0.0	8.4	0.0	0.0
645+99	EB	8.0	12.7	0.0	11.3	0.0	0.0
649+11	WB	12.0	12.7	0.0	0.0	16.9	0.0
649+11	EB	6.0	12.7	0.0	8.4	0.0	0.0
649+83	EB	6.0	12.7	0.0	8.4	0.0	0.0
649+83	WB	6.0	12.7	0.0	8.4	0.0	0.0
670+07	EB	6.0	12.0	0.0	8.0	0.0	0.0
670+07	WB	6.0	12.0	0.0	8.0	0.0	0.0
673+91	EB	6.0	18.5	0.0	12.3	0.0	0.0
673+91	WB	6.0	20.8	0.0	13.9	0.0	0.0
675+08	EB	6.0	20.8	0.0	13.9	0.0	0.0
675+08	WB	6.0	20.8	0.0	13.9	0.0	0.0
683+58	EB	6.0	12.0	0.0	8.0	0.0	0.0
683+58	WB	6.0	12.0	0.0	8.0	0.0	0.0
694+25	EB	6.0	12.0	0.0	8.0	0.0	0.0
703+97	EB	8.0	12.7	0.0	11.3	0.0	0.0
703+97	WB	8.0	12.7	0.0	11.3	0.0	0.0
710+70	WB	6.0	12.7	0.0	8.4	0.0	0.0
724+00	EB	6.0	12.7	0.0	8.4	0.0	0.0
729+40	WB	28.0	12.7	0.0	0.0	0.0	39.4
729+87	WB	6.0	12.7	0.0	8.4	0.0	0.0
733+77	WB	6.0	12.7	0.0	8.4	0.0	0.0
735+20	EB	12.0	12.7	0.0	0.0	16.9	0.0
735+20	WB	12.0	12.7	0.0	0.0	16.9	0.0
740+90	EB	6.0	12.7	0.0	8.4	0.0	0.0
740+90	WB	6.0	12.7	0.0	8.4	0.0	0.0

STATION	DIRECTION	LENGTH(FT)	WIDTH(FT)	PATCH AREA			
				44201798	44201803	44201807	44201809
				TYPE I (SQ. YD.)	TYPE II (SQ. YD.)	TYPE III (SQ. YD.)	TYPE IV (SQ. YD.)
756+55	WB	6.0	12.7	0.0	8.4	0.0	0.0
756+90	WB	6.0	12.7	0.0	8.4	0.0	0.0
766+67	WB	6.0	12.7	0.0	8.4	0.0	0.0
767+80	WB	6.0	12.7	0.0	8.4	0.0	0.0
779+26	EB	22.0	12.7	0.0	0.0	0.0	31.0
785+90	WB	12.0	12.7	0.0	0.0	16.9	0.0
794+64	WB	6.0	12.7	0.0	8.4	0.0	0.0
796+90	WB	6.0	12.7	0.0	8.4	0.0	0.0
803+05	WB	6.0	12.7	0.0	8.4	0.0	0.0
803+51	EB	6.0	12.7	0.0	8.4	0.0	0.0
854+90	WB	6.0	12.7	0.0	8.4	0.0	0.0
981+02	WB	6.0	12.7	0.0	8.4	0.0	0.0
1047+30	EB	6.0	12.7	0.0	8.4	0.0	0.0
1047+30	WB	6.0	12.7	0.0	8.4	0.0	0.0
1079+46	WB	6.0	12.7	0.0	8.4	0.0	0.0
1098+00	WB	6.0	12.7	0.0	8.4	0.0	0.0
1126+43	EB	6.0	12.7	0.0	8.4	0.0	0.0
1126+43	WB	6.0	12.7	0.0	8.4	0.0	0.0
1133+00	WB	6.0	12.7	0.0	8.4	0.0	0.0
1156+53	WB	6	12.7	0.0	8.4	0.0	0.0
1171+55	EB	6	12.7	0.0	8.4	0.0	0.0
1171+55	WB	6	12.7	0.0	8.4	0.0	0.0
1181+93	EB	6	12.7	0.0	8.4	0.0	0.0
1243+85	EB	6	12.7	0.0	8.4	0.0	0.0
1243+85	WB	6	12.7	0.0	8.4	0.0	0.0
1343+04	EB	8	12.7	0.0	11.3	0.0	0.0
1354+22	EB	6	12.7	0.0	8.4	0.0	0.0
1354+22	WB	6	12.7	0.0	8.4	0.0	0.0
TOTAL=				8.0	476.8	67.6	70.4
USE=				8.0	477.0	68.0	70.0

STATION	DIRECTION	LENGTH(FT)	WIDTH(FT)	PATCH AREA	
				44201827	44201831
				TYPE II (SQ. YD.)	TYPE III (SQ. YD.)
666+64	EB	6.0	23.67	0.0	15.8
667+47	EB	6.0	23.67	0.0	15.8
667+47	WB	6.0	23.67	0.0	15.8
668+62	EB	6.0	23.67	0.0	15.8
676+80	EB	8.0	12.00	10.7	0.0
676+80	WB	6.0	23.67	0.0	15.8
677+20	EB	6.0	23.67	0.0	15.8
677+57	EB	6.0	23.67	0.0	15.8
680+26	WB	6.0	23.67	0.0	15.8
681+35	EB	6.0	23.67	0.0	15.8
681+35	WB	6.0	23.67	0.0	15.8
TOTAL=				10.7	157.8
USE=				11.0	158.0

SCHEDULE OF QUANTITIES

SHEET 2 OF 3

40600990 TEMPORARY RAMP

STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	LOCATION
3366+96.66	5.00	52.9	29.4	133
3366+96.66	5.00	22.5	12.5	133
3366+96.66	5.00	24.4	13.6	133
RT 668+17.38	5.00	28	15.6	49 SOUTH
LT 675+60.10	5.00	28	15.6	49 NORTH
600+30.00	5.00	26	14.4	COLES/EDGAR
TOTAL=			101.0	

44003510 MEDIAN REMOVAL (PARTIAL DEPTH)

STATION	TO	STATION	QUANTITY (SQ FT)	
1365+41.09		3366+12.96	488.0	(STATION EQUATION: 1365+41.36(BK) = 3365+41.36(AH))
3366+38.20		3366+74.04	215.0	
TOTAL=			703.0	

48101200 AGGREGATE SHOULDER TYPE B

STATION	TO	STATION	THICKNESS @ EOP	QUANTITY (TON)
600+30		668+17	2.5"	343.1
701+30		1364+36	1.0"	1677.7
TOTAL=				2020.8
USE=				2021.0

56109210 WATER VALVES TO BE ADJUSTED

STATION	QUANTITY (EACH)	
674+53.00	1.0	
2+64.00	1.0	
689+66.00	1.0	
693+24.00	1.0	
TOTAL=		4.0

60300305 FRAMES AND LIDS TO BE ADJUSTED

STATION	QUANTITY (EACH)	
668+74	1.0	
689+52	1.0	
696+74	1.0	
TOTAL=		3.0

60624610 CORRUGATED MEDIAN (DOWELLED)

STATION	TO	STATION	QUANTITY (SQ FT)	
1365+41.09		3366+12.96	488.0	(STATION EQUATION: 1365+41.36(BK) = 3365+41.36(AH))
3366+38.20		3366+74.04	215.0	
TOTAL=			703.0	

70300100 SHORT-TERM PAVEMENT MARKING

STATION	TO	STATION	APPLY AFTER:	QUANTITY (FT)	COLOR
600+30.00		3366+96.66	MILLING	7700.0	YELLOW
600+30.00		3366+96.66	HMA SURFACE	7700.0	YELLOW
TOTAL=				15400.0	

70300220 TEMPORARY PAVEMENT MARKING LINE 4"

STATION	TO	STATION	QUANTITY (FT)	TYPE	COLOR
600+30.00		661+81.50	1537.9	SKIP-DASH	YELLOW
658+30.00		661+81.50	351.5	EB NO PASS	YELLOW
661+81.50		684+00.00	0.0	THERMO	—
684+00.00		3366+96.66	17089.3	SKIP-DASH	YELLOW
701+80.00		710+60.00	880.0	EB NO PASS	YELLOW
712+78.00		721+41.00	863.0	WB NO PASS	YELLOW
827+23.00		836+33.00	910.0	EB NO PASS	YELLOW
836+91.00		847+52.00	1061.0	WB NO PASS	YELLOW
913+52.00		918+98.00	546.0	EB NO PASS	YELLOW
924+29.00		929+79.00	550.0	WB NO PASS	YELLOW
958+30.00		966+02.00	772.0	EB NO PASS	YELLOW
971+30.00		978+24.00	694.0	WB NO PASS	YELLOW
1060+54.00		1068+61.00	807.0	EB NO PASS	YELLOW
1072+40.00		1081+30.00	890.0	WB NO PASS	YELLOW
1100+05.00		1109+69.00	964.0	EB NO PASS	YELLOW
1110+01.00		1121+12.00	1111.0	WB NO PASS	YELLOW
1146+47.00		1153+06.00	659.0	EB NO PASS	YELLOW
1158+37.00		1165+07.00	670.0	WB NO PASS	YELLOW
1290+02.00		1296+42.00	640.0	EB NO PASS	YELLOW
1302+87.00		1310+27.00	740.0	WB NO PASS	YELLOW
1361+90.00		3366+96.60	500.0	EB NO PASS	YELLOW
600+30.00		661+81.50	12303	EDGE	WHITE
684+00.00		3366+96.66	136714.44	EDGE	WHITE
661+81.00		668+17.38	3105.0	MEDIAN	YELLOW
667+70.00		675+75.00	220.0	SKIP-DASH	YELLOW
667+70.00		675+75.00	100.0	PARKING	WHITE
675+75.00		684+00.00	2950.0	MEDIAN	YELLOW
TOTAL =			187628.1	USE =	187628
YELLOW =			38510.7		
WHITE =			149117.4		

SCHEDULE OF QUANTITIES

SHEET 3 OF 3

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

STATION	TO	STATION	QUANTITY (SQ.FT)
600+30.00		3366+96.66	2570.0

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
661+81.50		668+17.38	MEDIAN	3105.0	YELLOW
667+70.00		675+75.00	SKIP-DASH	220.0	YELLOW
667+70.00		675+75.00	PARKING	100.0	WHITE
675+75.00		684+00.00	MEDIAN	2950.0	YELLOW
TOTAL=				6375.0	

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
676+05.00		676+05.00	ISLAND	125.0	WHITE

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
661+81.50		668+17.38	MEDIAN	400.0	YELLOW
675+75.00		684+00.00	MEDIAN	520.0	YELLOW
TOTAL=				920.0	

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

STATION	TO	STATION	LOCATION	QUANTITY (FT)	COLOR
667+70.00	RT		STOP BAR	15.0	WHITE
676+02.00	LT		STOP BAR	14.0	WHITE
676+15.20	LT		STOP BAR	18.0	WHITE
668+17.38	60' RT		STOP BAR	18.0	WHITE
TOTAL=				65.0	

78001110 PAINT PAVEMENT MARKING - LINE 4"

STATION	TO	STATION	QUANTITY (FT)	TYPE	COLOR
600+30.00		661+81.50	1537.9	SKIP-DASH	YELLOW
658+30.00		661+81.50	351.5	EB NO PASS	YELLOW
661+81.50		684+00.00	0.0	THERMO	—
684+00.00		3366+96.66	17089.3	SKIP-DASH	YELLOW
701+80.00		710+60.00	880.0	EB NO PASS	YELLOW
712+78.00		721+41.00	863.0	WB NO PASS	YELLOW
827+23.00		836+33.00	910.0	EB NO PASS	YELLOW
836+91.00		847+52.00	1061.0	WB NO PASS	YELLOW
913+52.00		918+98.00	546.0	EB NO PASS	YELLOW
924+29.00		929+79.00	550.0	WB NO PASS	YELLOW
958+30.00		966+02.00	772.0	EB NO PASS	YELLOW
971+30.00		978+24.00	694.0	WB NO PASS	YELLOW
1060+54.00		1068+61.00	807.0	EB NO PASS	YELLOW
1072+40.00		1081+30.00	890.0	WB NO PASS	YELLOW
1100+05.00		1109+69.00	964.0	EB NO PASS	YELLOW
1110+01.00		1121+12.00	1111.0	WB NO PASS	YELLOW
1146+47.00		1153+06.00	659.0	EB NO PASS	YELLOW
1158+37.00		1165+07.00	670.0	WB NO PASS	YELLOW
1290+02.00		1296+42.00	640.0	EB NO PASS	YELLOW
1302+87.00		1310+27.00	740.0	WB NO PASS	YELLOW
1361+90.00		3366+96.66	500.0	EB NO PASS	YELLOW
600+30.00		661+81.50	12303	EDGE	WHITE
684+00.00		3366+96.66	136714.44	EDGE	WHITE

TOTAL = 181253.1 WHITE = 149017.4
USE = 181253.0 YELLOW = 32235.7

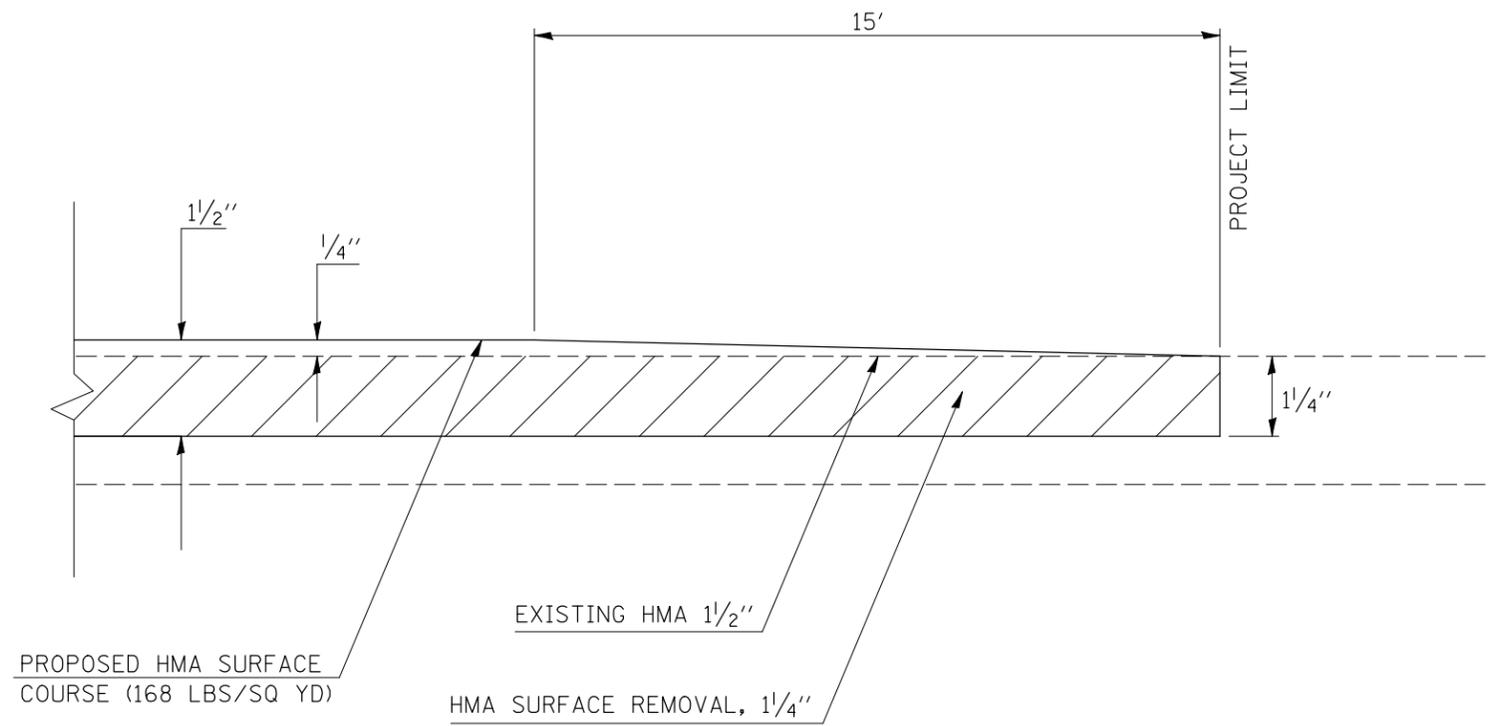
78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

STATION	TO	STATION	LOCATION	QUANTITY (EACH)
600+30.00		661+81.50	CL	77
661+81.50		684+00.00	CL & MEDIAN	226
684+00.00		3366+96.66	CL	855
TOTAL=				1158

Z0010900 COLD MILLING SPECIAL

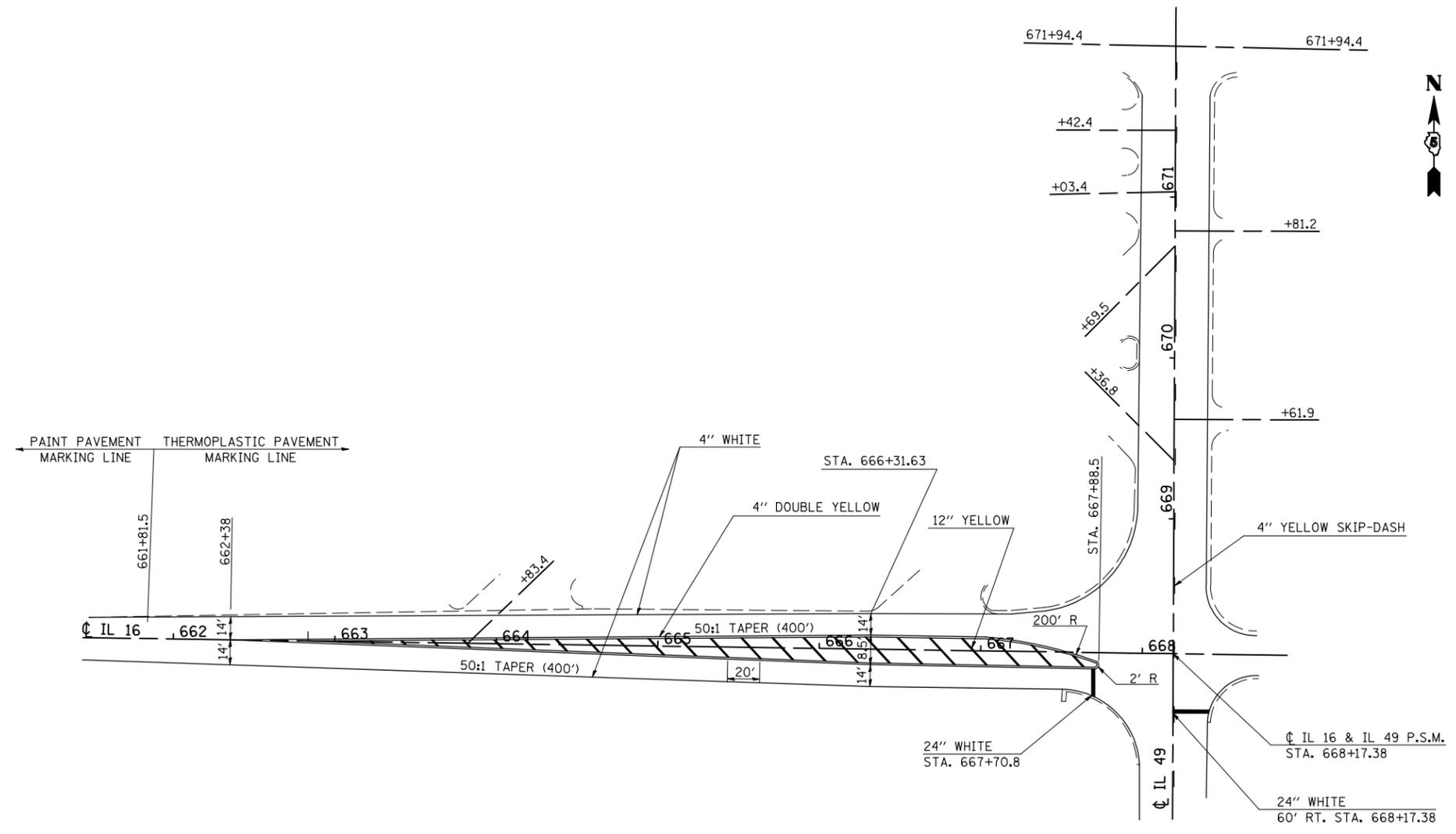
STATION	TO	STATION	QUANTITY (FT)
RT 668+17.00		677+00.00	700.0
RT 682+50.00		699+00.00	1400.0
LT 667+50.00		676+00.00	450.0
LT 676+00.00		677+00.00	100.0
LT 694+50.00		677+00.00	1500.0
TOTAL=			4150.0

**TRANSITION DETAIL AT STA. 600 + 30.00,
3366 + 96.66, RT 688 + 17.38, LT 675 + 60.10**



* SEE ARTICLE 406.9 FOR SUPPLEMENTAL BITUMINOUS PRIME INFORMATION

FILE NAME =	USER NAME = bowerml	DESIGNED - GTR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRANSITION DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PWIDOT\BOWERML\d0112471\70763-sht-details.dgn	DRAWN - BBP	REVISED -	91			(1,2)RS-4 & 3RS-3	EDGAR	23	15	
PLOT SCALE = 40.0000' / IN.	CHECKED - GTR	REVISED -	CONTRACT NO. 70763							
PLOT DATE = 8/7/2009	DATE - 01/09/09	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. OF SHEETS	STA. TO STA.				

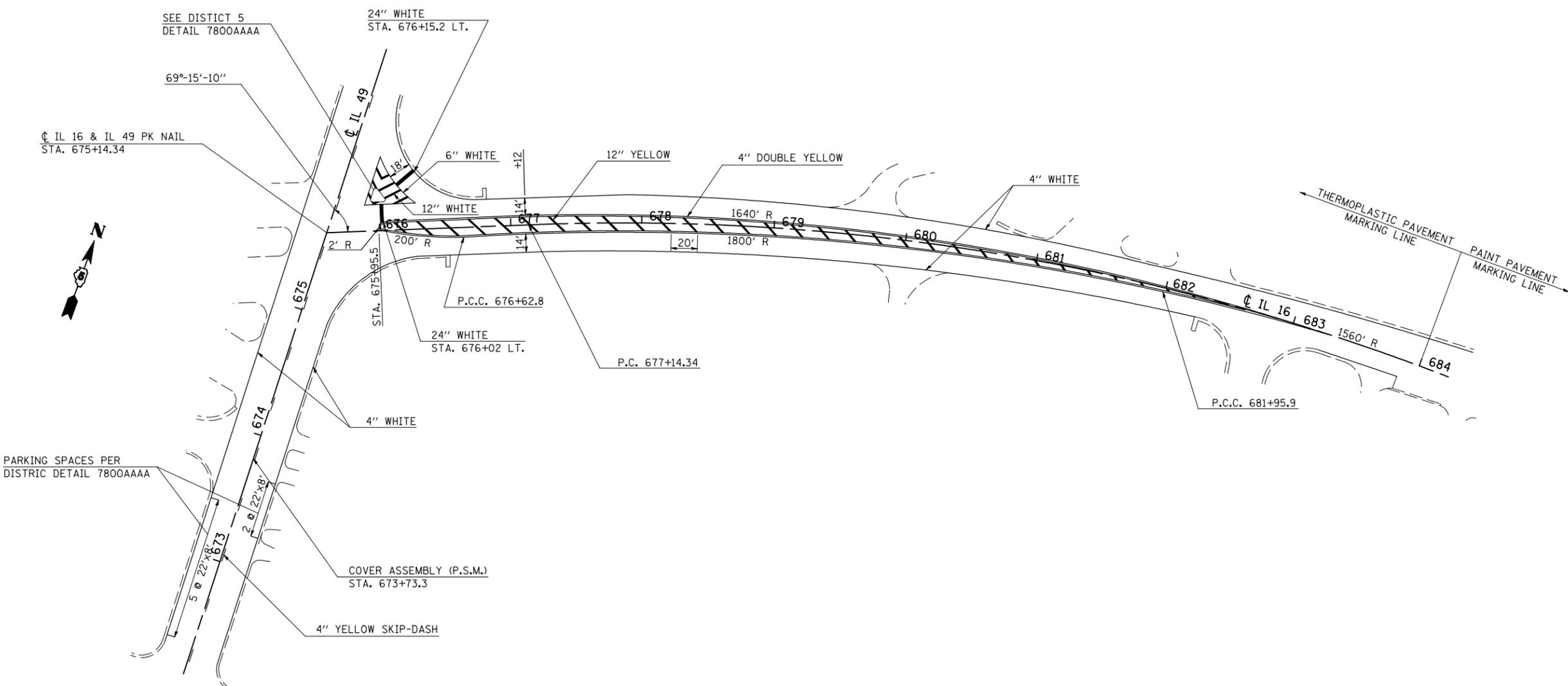


FILE NAME =	USER NAME = bowerml	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BOWERML\d0112471\0570763-sht-striping.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 8/7/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAIL KANSAS LIMITS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	(1,2)RS-4&3RS-3	EDGAR	23	16
CONTRACT NO. 70763			ILLINOIS FED. AID PROJECT	



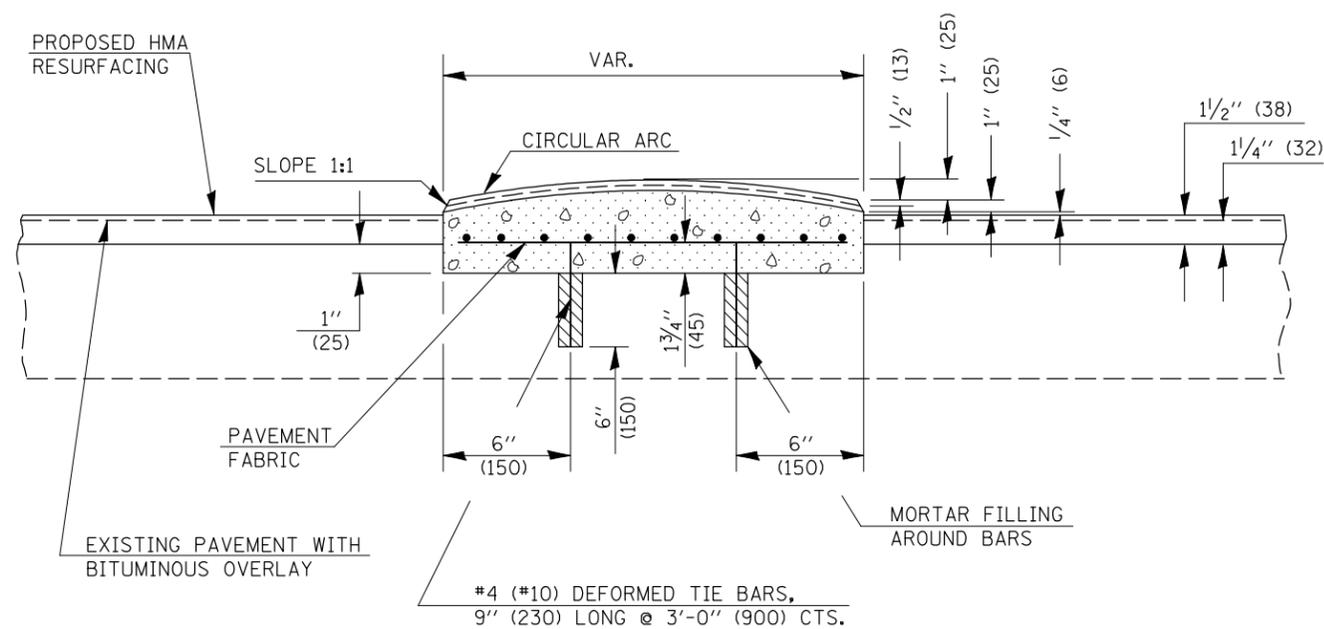
FILE NAME =	USER NAME = bowerml	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BOWERML\d0112471\0570763-sht-striping.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 8/7/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

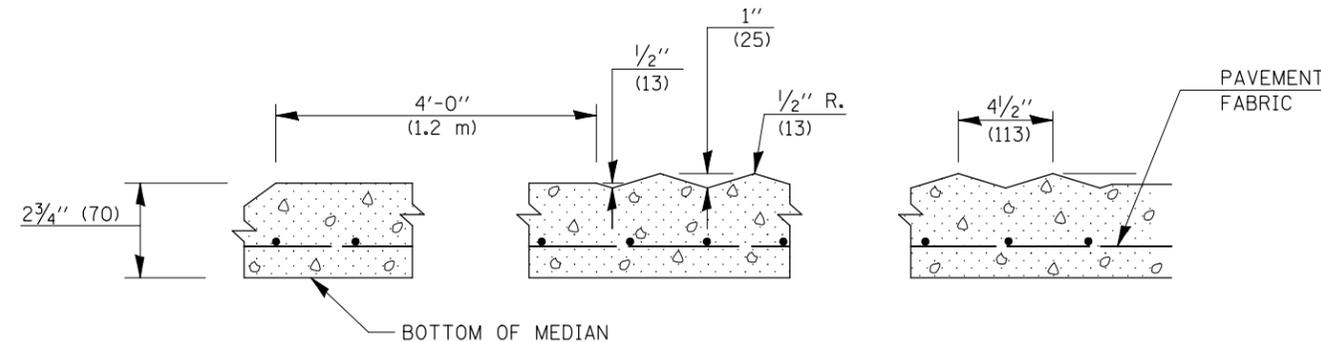
**STRIPING DETAIL
KANSAS LIMITS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	(1,2)RS-4&3RS-3	EDGAR	23	17
CONTRACT NO. 70763				
ILLINOIS FED. AID PROJECT				



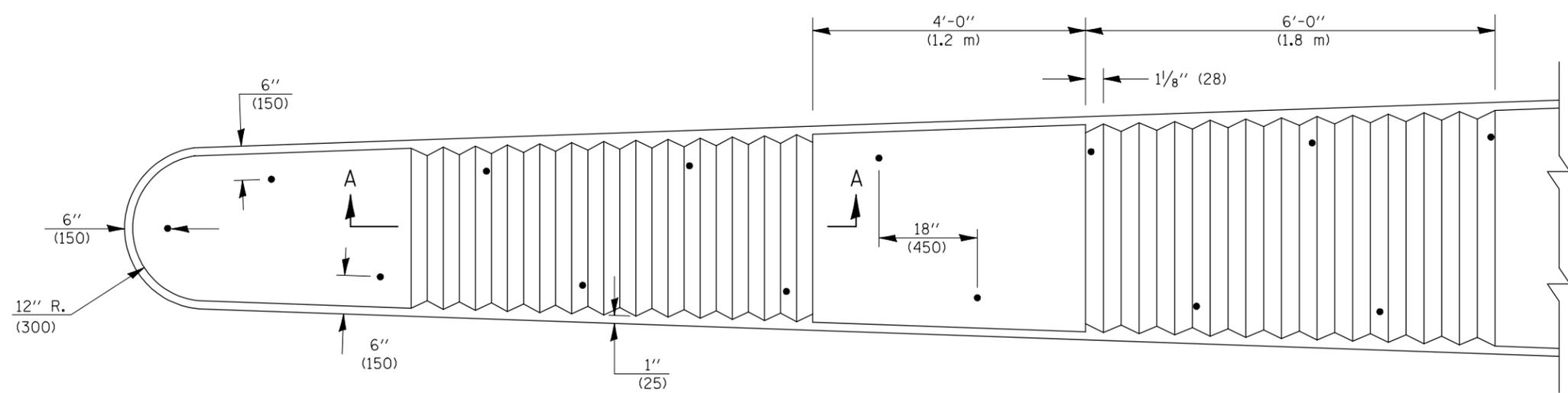
TRANSVERSE SECTION



SECTION A-A

GENERAL NOTES

1. DOWELS AT 3'-0" (900) INTERVALS OR AS DIRECTED BY THE ENGINEER.
2. THE COST OF FURNISHING AND INSTALLING DOWEL BARS AND MORTAR FILLING SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ. FT. (m²) FOR CORRUGATED MEDIAN (DOWELLED).



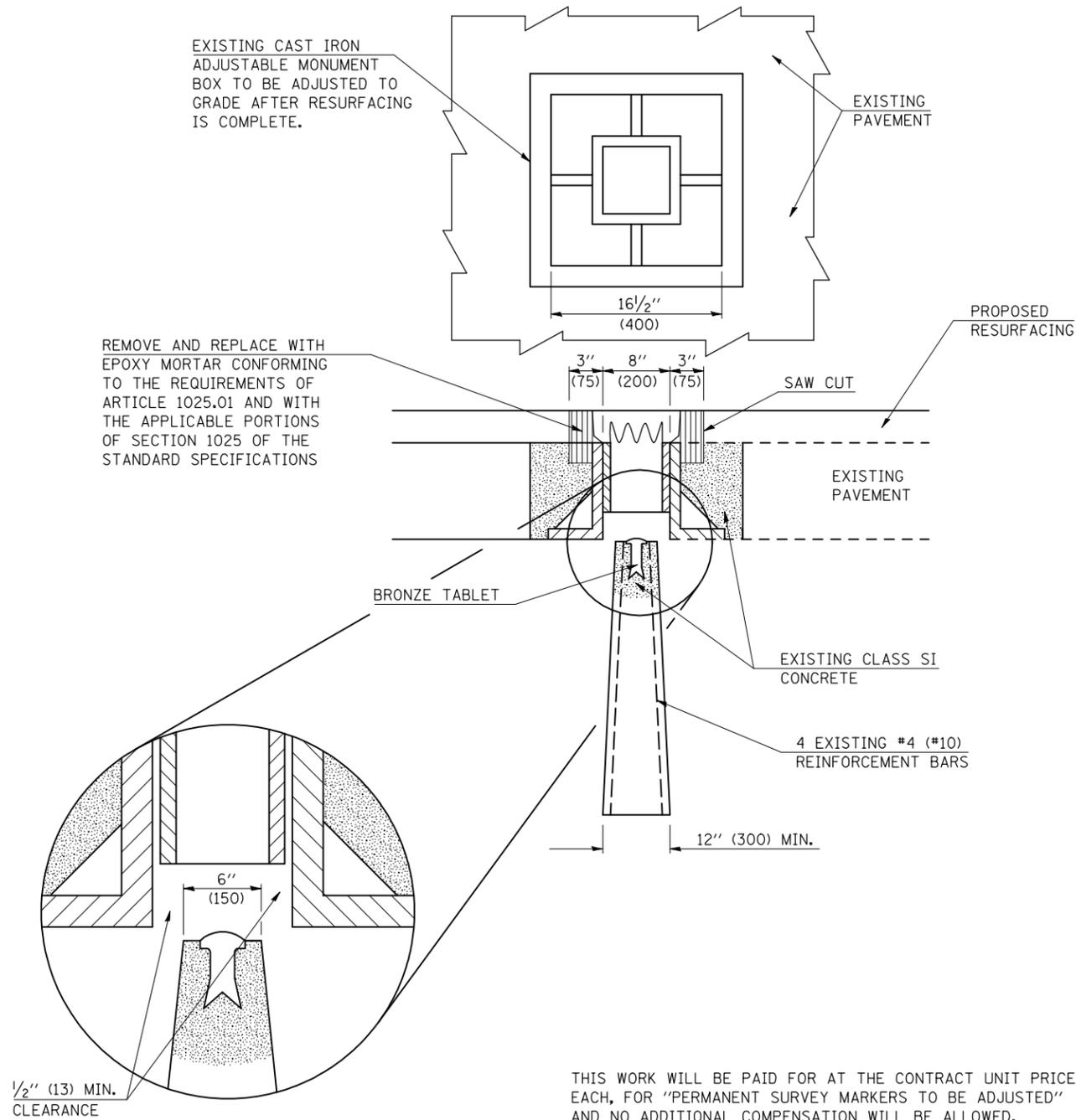
PLAN

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

FILE NAME =	USER NAME = bowerm1	DESIGNED - MLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CORRUGATED MEDIAN (DOWELLED)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwwork\pwwid01\BOWERML\d0112471\70763-sht-details.dgn		DRAWN -	REVISED -		91	(1,2)RS-4 & 3RS-3	EDGAR	23	18				
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 70763				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/7/2009		DATE - 07/06/09	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

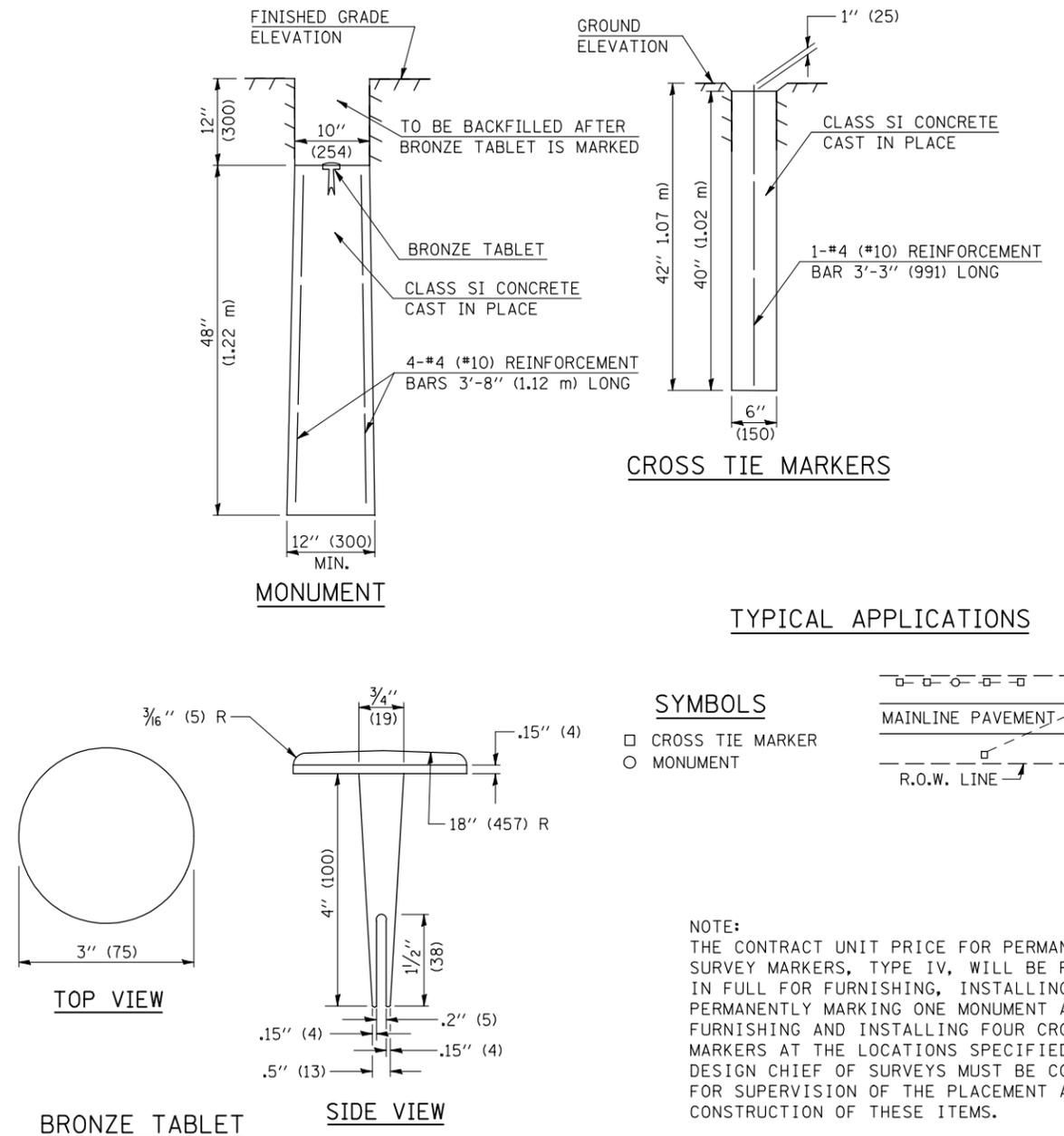
66700110 – PERMANENT SURVEY MARKERS TO BE ADJUSTED

TO BE INSTALLED FOR PRESERVING EXISTING CAST IRON PERMANENT SURVEY MARKERS, TYPE III



66700505 – PERMANENT SURVEY MARKERS, TYPE IV

TO BE INSTALLED IN PAVEMENT OR TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS) UNDER DIRECTION OF THE CHIEF OF SURVEYS



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

FILE NAME =	USER NAME = bowerml	DESIGNED -	REVISED - 11/06
ct:\pw\work\PWIDOT\BOWERML\d0112471\70763-sht-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 40.0000' / IN.			
PLOT DATE = 8/7/2009			

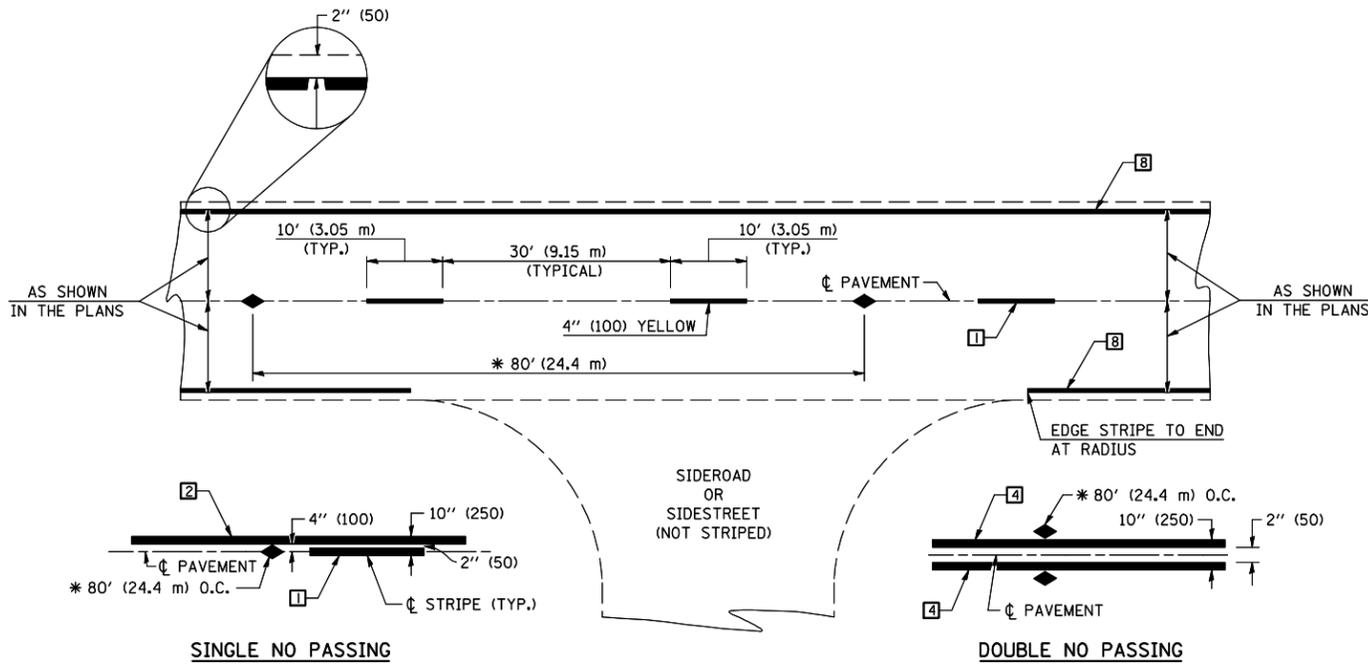
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT SURVEY MARKERS (TYPE IV AND ADJUSTED)

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

DISTRICT 5 DETAIL NO. 66700AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	(1,2)RS-4&3RS-3	EDGAR	23	19
CONTRACT NO. 70763				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

TWO LANE/TWO WAY

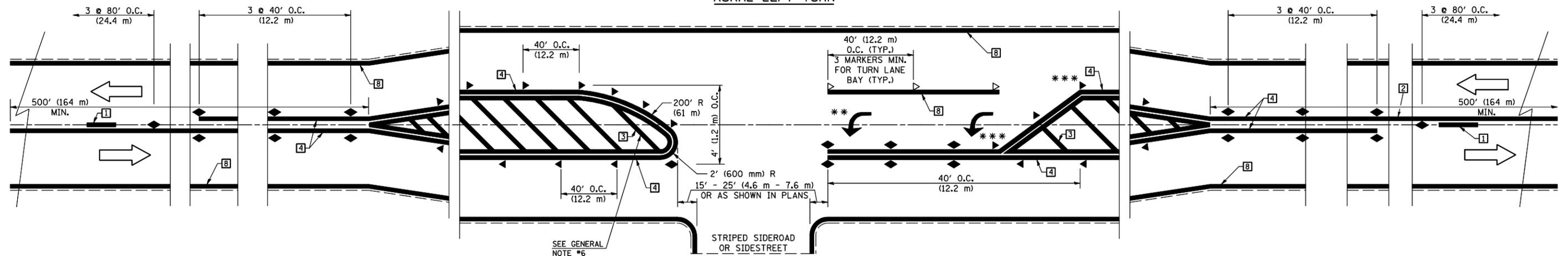
TYPICAL PAVEMENT MARKING LEGEND

- 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

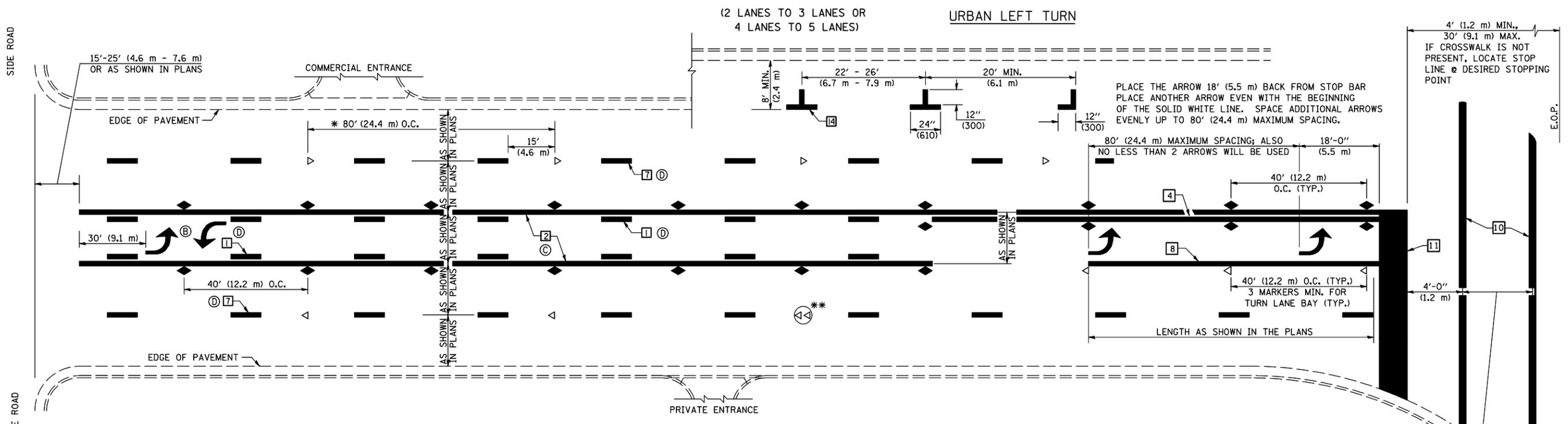
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 8/7/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

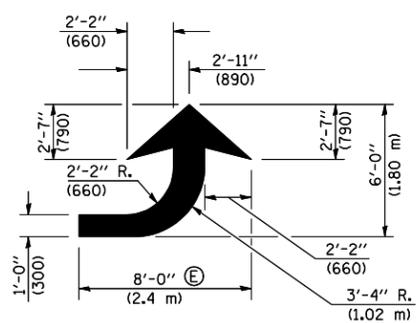
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	(1,2)RS-4&3RS-3	EDGAR	23	20
CONTRACT NO. 70763				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



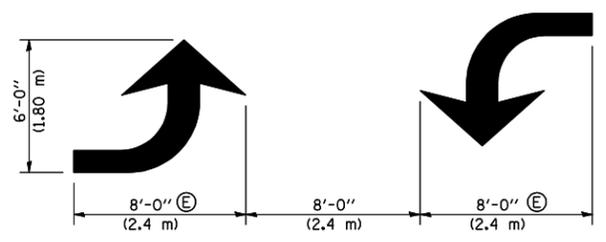
* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** 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)

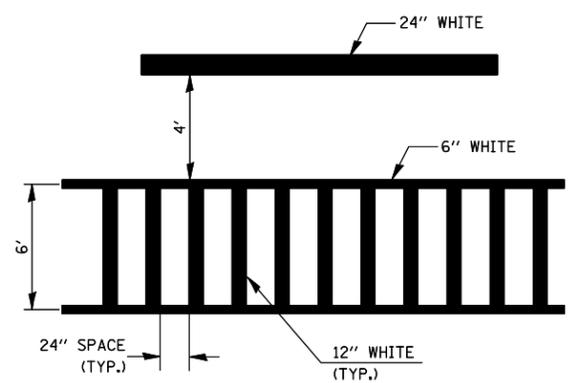


LEFT ARROW
 REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m²)
 (WHITE)

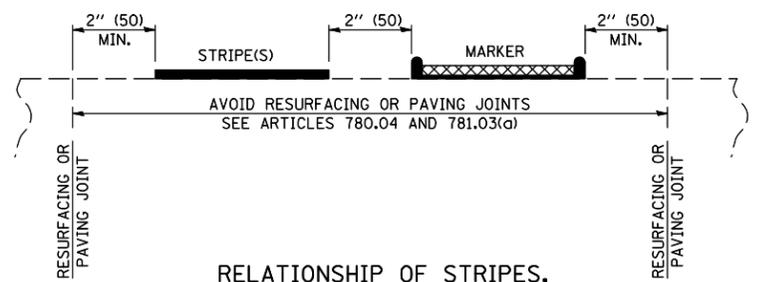


TYPICAL DOUBLE TURN ARROWS (WHITE)

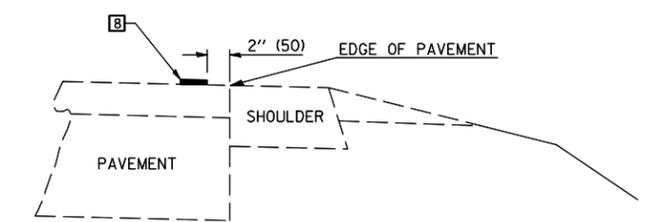
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



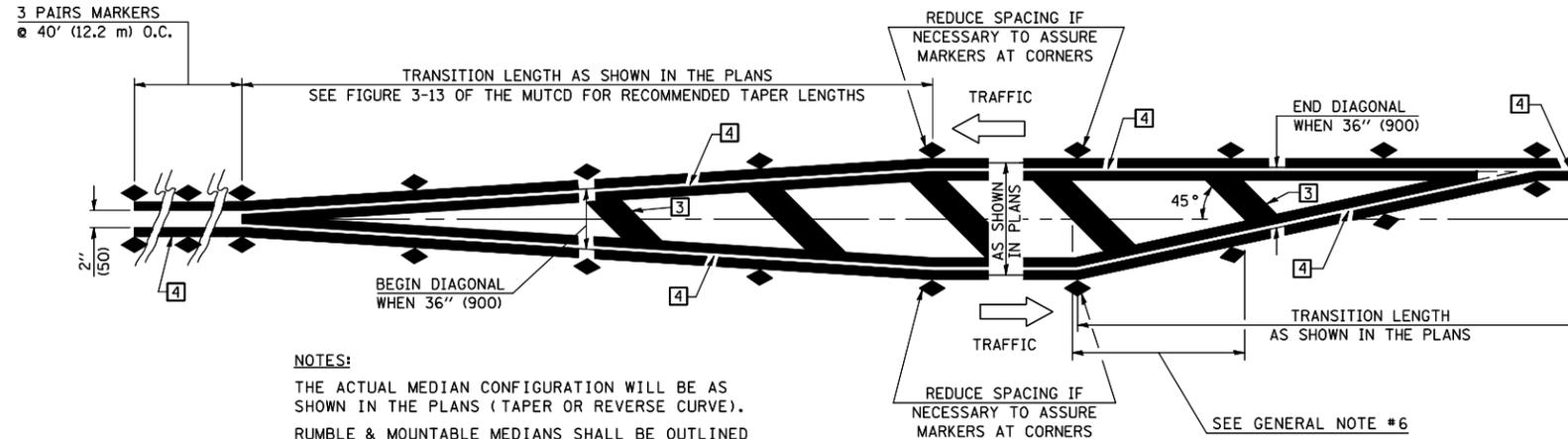
RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
 (SAFETY SHOULDER OR PAVED SURFACE)
 SEE ARTICLE 780.04

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

4' (1.2 m) MIN., 30' (9.1 m) MAX. IF CROSSWALK IS NOT PRESENT, LOCATE STOP LINE @ DESIRED STOPPING POINT

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

FILE NAME =	USER NAME = bowerml	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pw\work\pwidot\BOWERML\d0112471\0570763-sht-striping.dgn	DRAWN -	REVISED -	91			(1,2)RS-4&3RS-3	EDGAR	23	21	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 70763							
PLOT DATE = 8/7/2009	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			

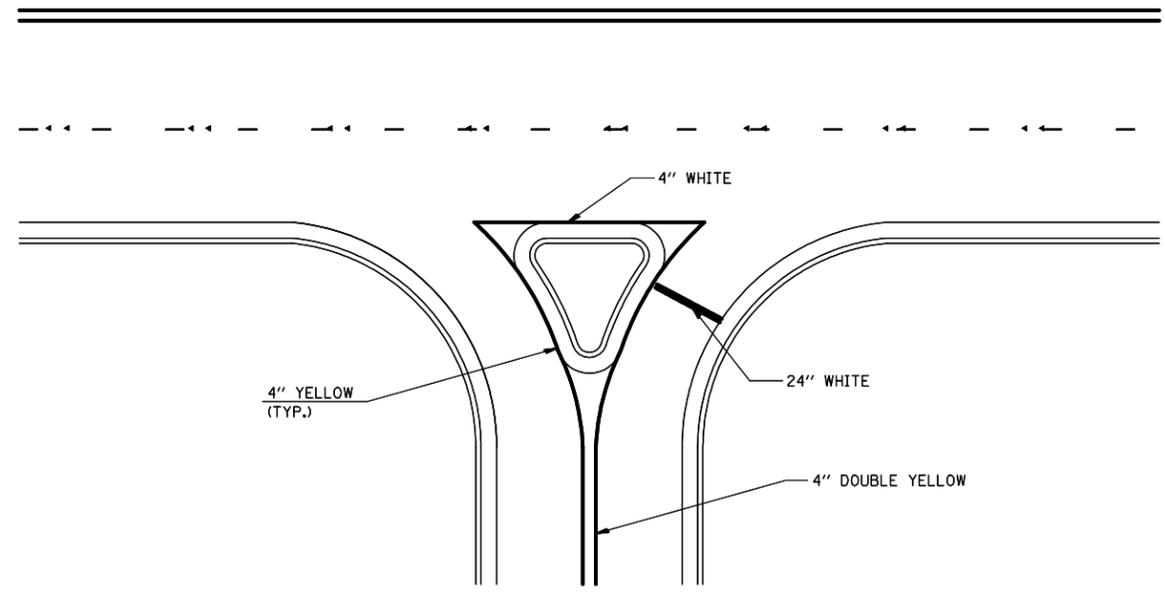


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

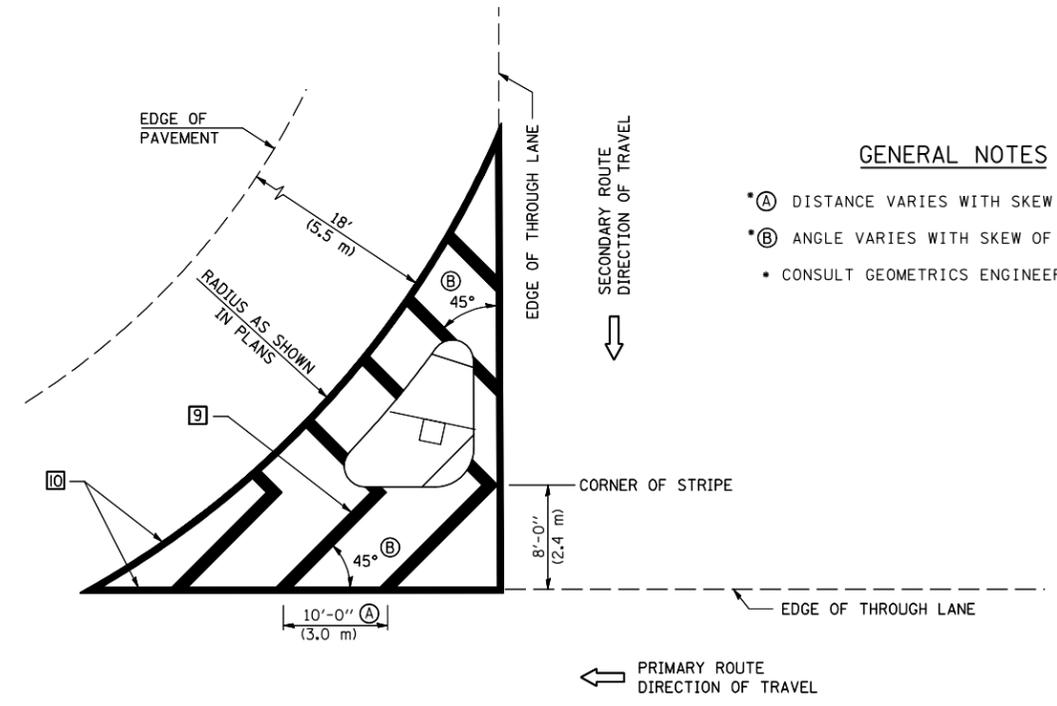
TYPICAL MEDIAN TRANSITIONS

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.

FILE NAME =	USER NAME = bowerml	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 8/7/2009	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

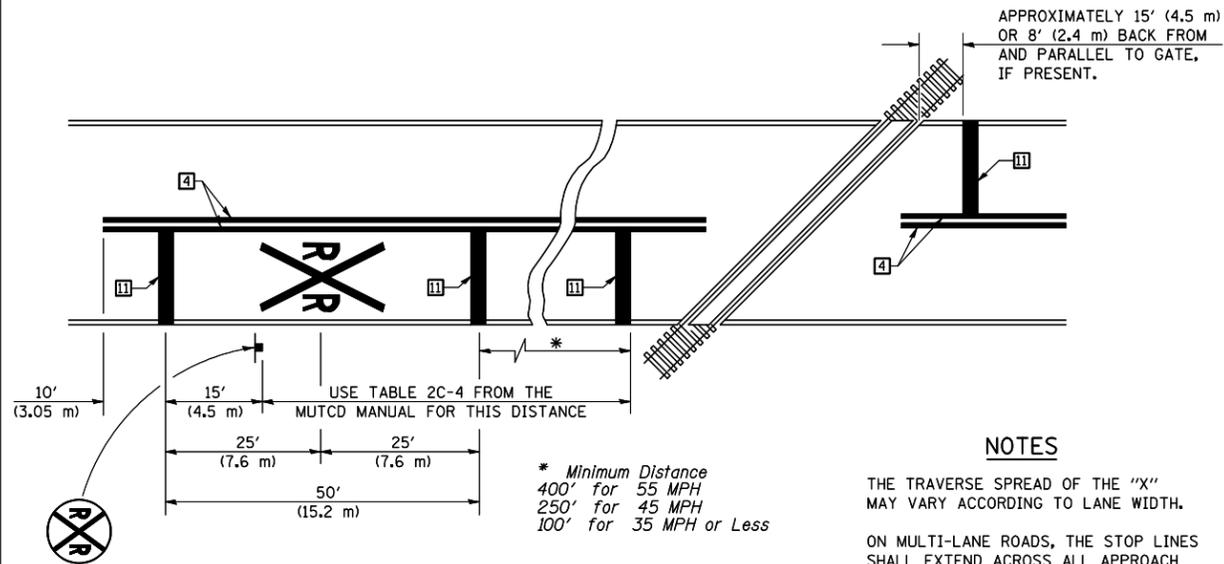
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	(1,2)RS-4&3RS-3	EDGAR	23	22
CONTRACT NO. 70763				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



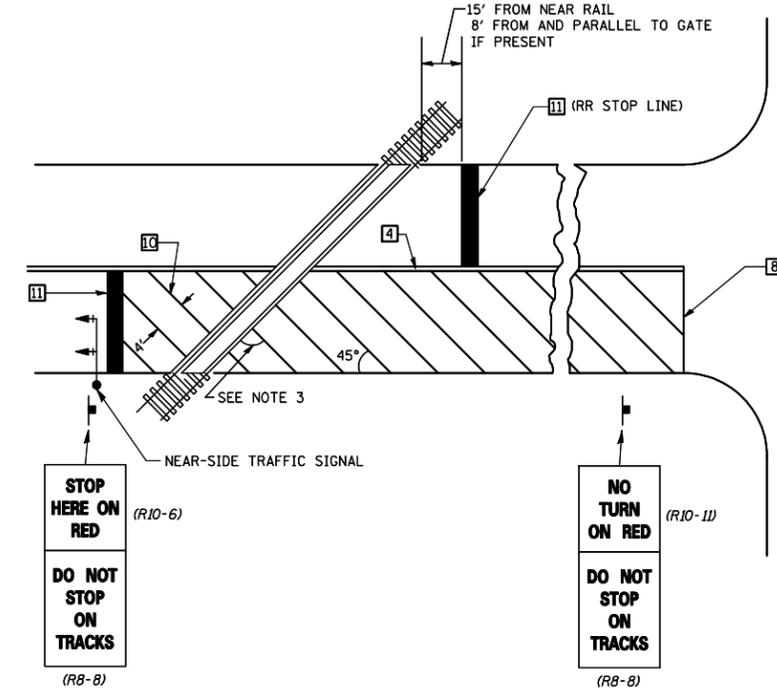
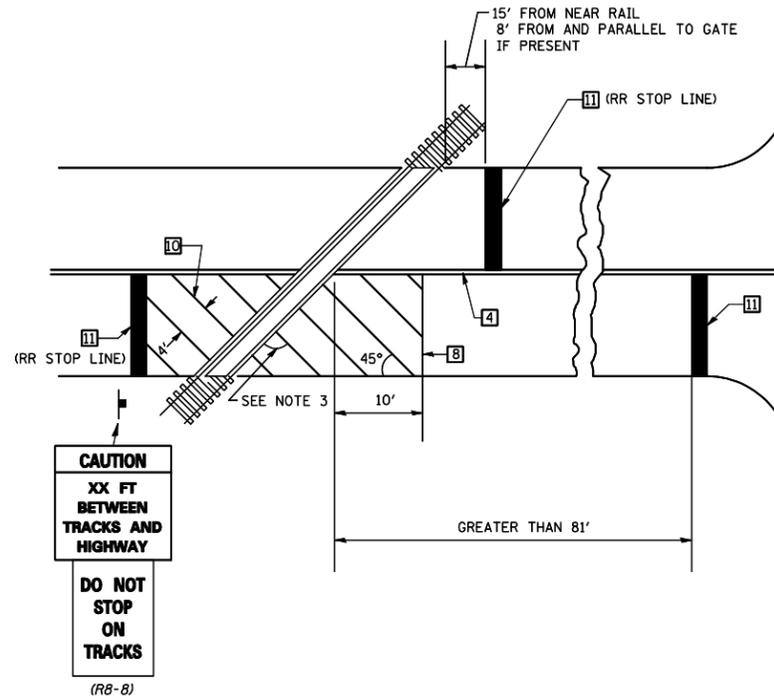
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

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.

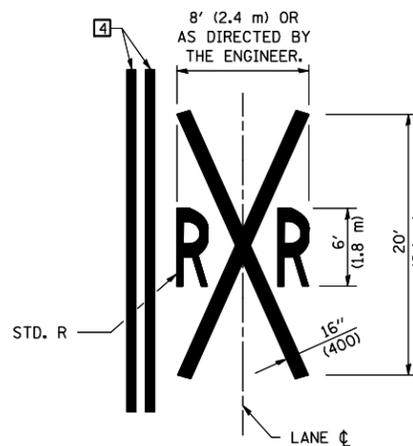
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



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 = bowerml	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 8/7/2009	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.
91	(1,2)RS-4&3RS-3	EDGAR	23	23
CONTRACT NO. 70763				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				