

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
684	60PT	EDGAR	18	1
		ILLINOIS	CONTRACT NO. 70817	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAS ROUTE 684
SECTION 60PT
PAVEMENT PATCHING
FAS 684 (CLINTON RD.), FROM EAST OF
CSX RR TO THE INDIANA STATE LINE
EDGAR COUNTY

C-95-050-09

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

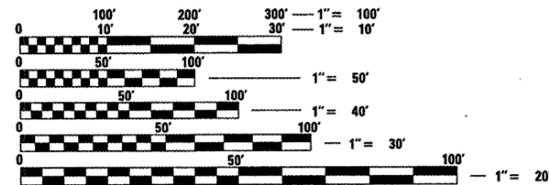
CURRENT ADT

LEG A = 1,000 2009
LEG B = 800 2009
LEG C = 1,050 2009

D-95-050-09



SEE PAGE 3 FOR LOCATION MAP



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

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

PROJECT ENGINEER: KEVIN TRAPP
SQUAD LEADER: MICHAEL LEROY
DESIGNER: MICHAEL BRENNAN
CONTRACT NO. 70817

GROSS & NET LENGTH = 41,955.81 FT. = 7.946 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 1/15 2010
Joseph H. Abner
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19, 2010
Scott E. Still, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
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15-18	PAVEMENT MARKING DETAILS (RURAL AND URBAN APPLICATIONS)

HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442101-07	CLASS B PATCHES
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATION - DAY ONLY
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS

701301-03

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.-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.-780 SPECIAL
 PAINT PAVEMENT MARKINGS SHALL BE APPLIED UPON COMPLETION OF THE PATCH WORK. PAINT PAVEMENT MARKINGS SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. PAINT PAVEMENT MARKINGS SHALL BE LIMITED TO ONLY THE LENGTH SEGMENTS ASSOCIATED WITH INDIVIDUAL PATCH LOCATIONS AND SHALL NOT BE APPLIED CONTINUOUSLY THROUGH THE PROJECT BETWEEN PATCH LOCATIONS.

G.N. - 783 SPECIAL
 ANY RAISED REFLECTIVE PAVEMENT MARKERS THAT FALL IN TO A PATCH AREA ARE TO BE REMOVED AND SHALL NOT BE REPLACED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CLASS B PATCHES, TYPE 2, 8" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

NO COMMITMENTS ASSOCIATED WITH PROJECT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
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	PLOT DATE = 1/15/2010	DATE -	REVISED -

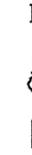
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES /INDEX OF SHEETS
 HIGHWAY STANDARDS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
684	60PT	EDGAR	18	2
CONTRACT NO. 70817				
ILLINOIS FED. AID PROJECT				

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

**FAS ROUTE 684 (CLINTON RD.)
SECTION 60PT
FROM EAST OF CSX RR TO THE INDIANA STATE LINE**



STATION EQUATION
292+75.17BK = 292+74.50AH

STATION EQUATION
240+25.41BK = 240+23.95AH

STATION EQUATION
187+95.36BK = 187+94.26AH

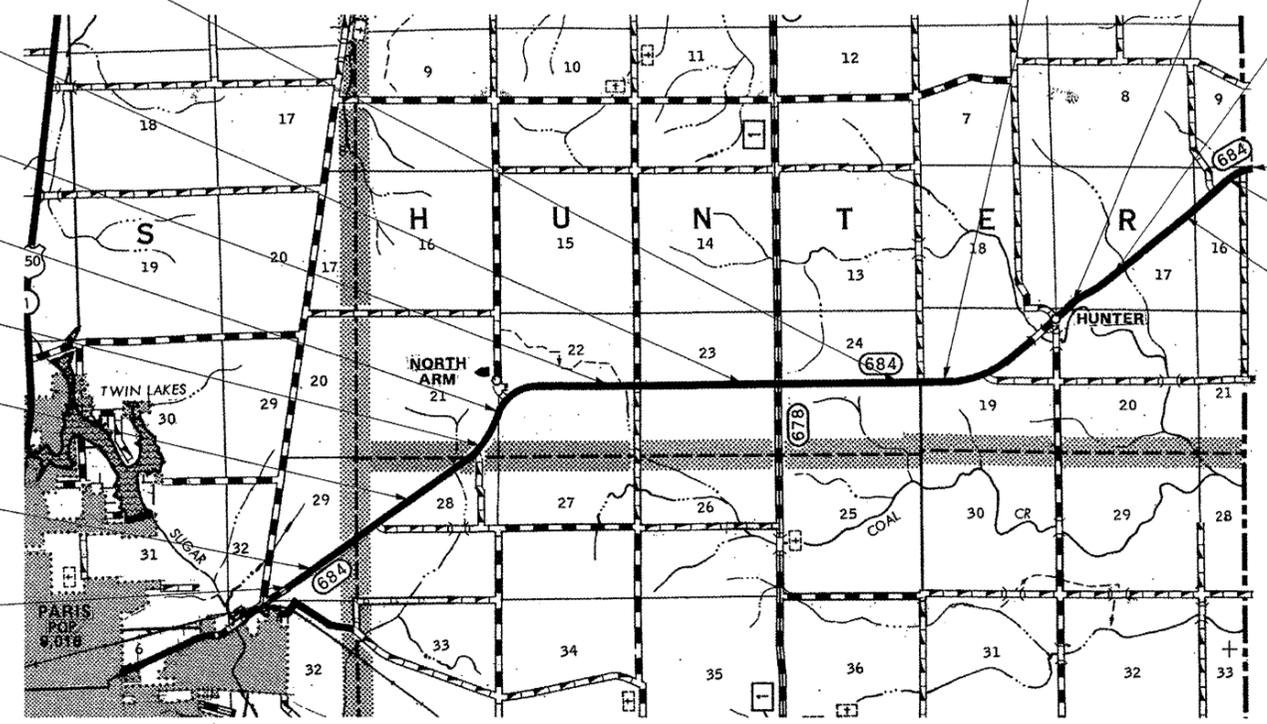
STATION EQUATION
134+25.77BK = 134+25.46AH

STATION EQUATION
119+37.19BK = 119+35.69AH

STATION EQUATION
84+96.67BK = 84+96.17AH

STATION EQUATION
38+85.15BK = 35+85.28AH

SECTION 60PT
BEGINING STA. 27+50



STATION EQUATION
313+73.84BK = 313+73.50AH

STATION EQUATION
359+29.61BK = 359+30.32AH

STATION EQUATION
368+18.66BK = 368+18.77AH

SECTION 60PT
ENDING STA. 444+00.59

STATION EQUATION
440+05.84BK = 440+05.45AH

STATION EQUATION
410+46.51BK = 410+46.61AH

GROSS & NET LENGTH = 41,955.81 FT. = 7.946 MILE

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DESIGNED -
DRAWN -
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DATE -

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PLOT DATE = 1/15/2010

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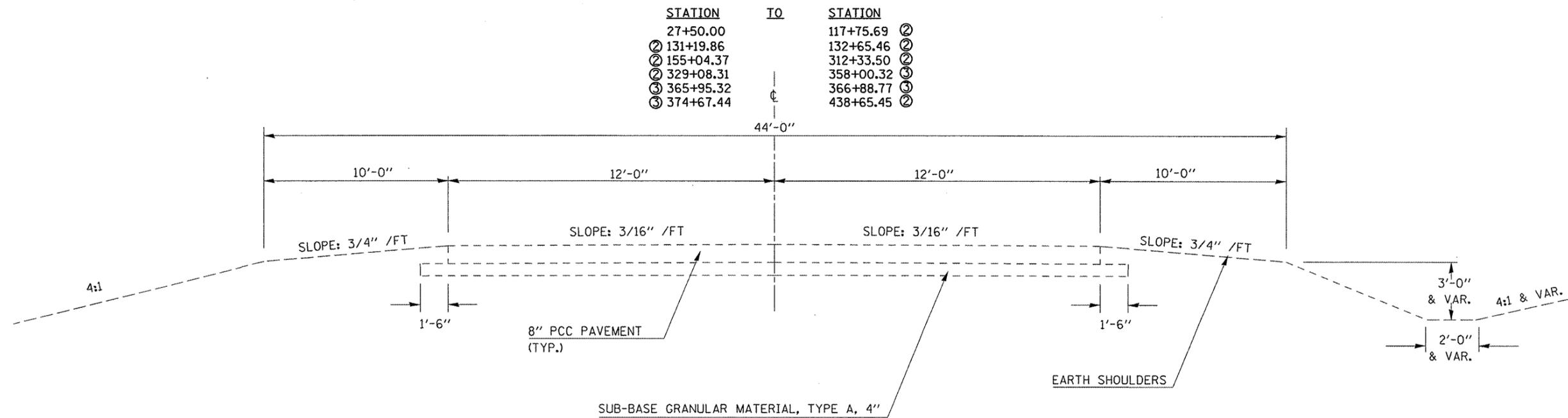
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SECTION 60PT LOCATION MAP

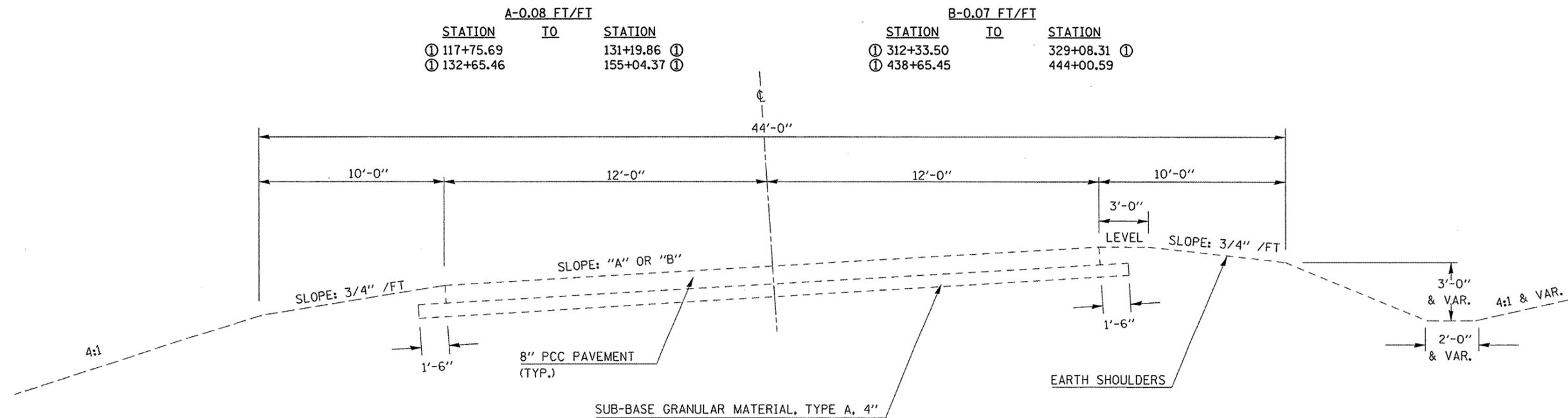
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE. 684	SECTION 60PT	COUNTY EDGAR	TOTAL SHEETS 18	SHEET NO. 3
CONTRACT NO. 70817				
ILLINOIS FED. AID PROJECT				

1 **EXISTING TYPICAL CROSS SECTION**
F.A.S. 684 (CLINTON RD.)

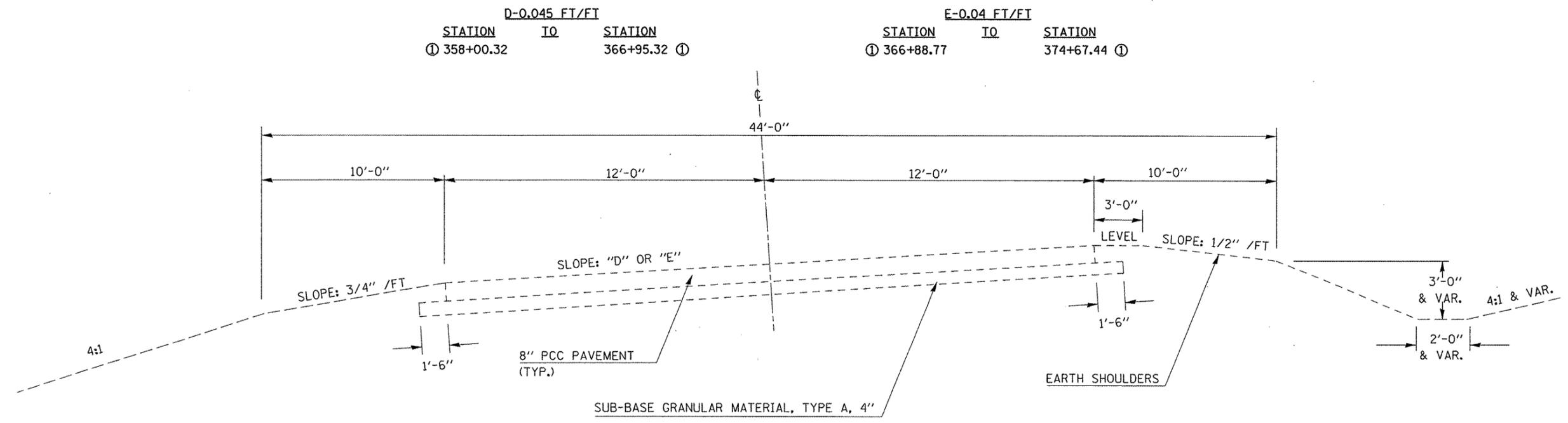


2 **EXISTING TYPICAL CROSS SECTION SUPERELEVATION**
F.A.S. 684 (CLINTON RD.)

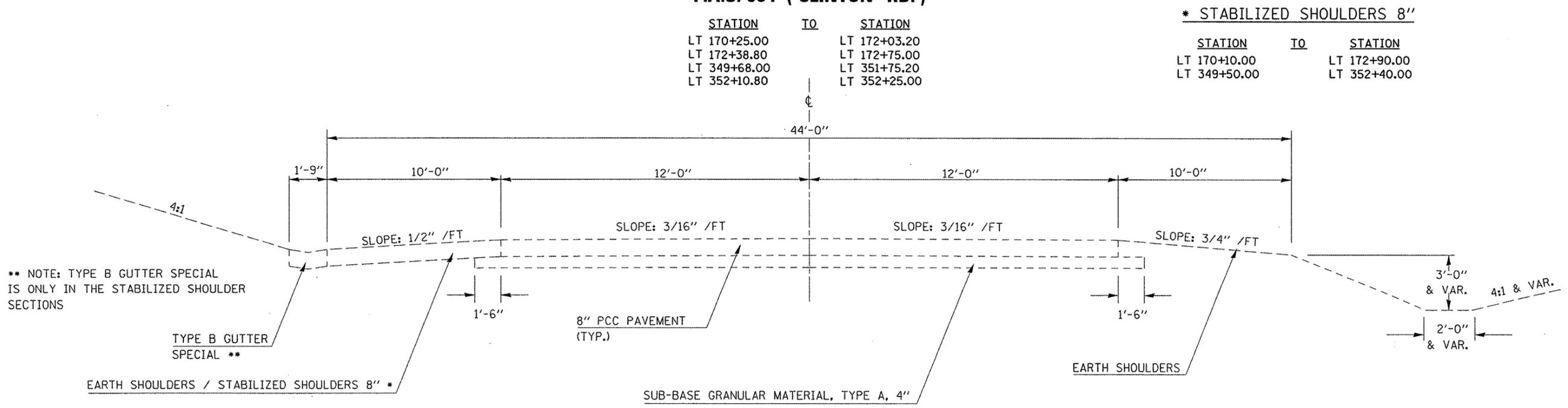


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cc:\pw\work\PWID01\BUCKLESJJ\0176654\0370817-Typical.dgn		DRAWN -	REVISED -			684	60PT	EDGAR	18	4	
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70817					
PLOT DATE = 1/15/2010		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.	

**3 EXISTING TYPICAL CROSS SECTION SUPERELEVATION
F.A.S. 684 (CLINTON RD.)**



**4 EXISTING TYPICAL CROSS SECTION WITH TYPE B GUTTER SPECIAL
F.A.S. 684 (CLINTON RD.)**



SUMMARY OF QUANTITIES

LOCATION OF WORK: FAS 684 (CLINTON RD.)
SECTION 60PT
EDGAR COUNTY

FUNDING BREAKOUT: 100% STATE

CONSTRUCTION TYPE CODE: J000

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	1,347.0
44213200	SAW CUTS	FOOT	9,362.0
67100100	MOBILIZATION	L SUM	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0
* 78001110	PAINT PAVEMENT MARKING- LINE 4"	FOOT	1,137.0
Z0017100	DOWEL BARS	EACH	4,640.0
*SPECIALTY ITEM			

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PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -	SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 70817			
PLOT DATE = 1/15/2010	DATE -	REVISED -	ILLINOIS FED. AID PROJECT										

PATCHING SCHEDULE

(44200934)

STATION	LANE	LENGTH (FT)	WIDTH (FT)	PATCH AREA	DOWEL	SAW CUTS
				TYPE II 8.0" (SQ. YD)	BARS Z0017100 (EACH)	44213200 (FT)
131+87	EB	4	12	5.3	20	40.0
131+87	WB	4	12	5.3	20	40.0
144+47	EB	4	12	5.3	20	40.0
144+99	EB	4	12	5.3	20	40.0
144+99	WB	4	12	5.3	20	40.0
148+13	EB	4	12	5.3	20	40.0
148+13	WB	4	12	5.3	20	40.0
149+13	EB	4	12	5.3	20	40.0
149+13	WB	4	12	5.3	20	40.0
150+13	EB	4	12	5.3	20	40.0
150+13	WB	4	12	5.3	20	40.0
154+11	EB	4	12	5.3	20	40.0
154+11	WB	4	12	5.3	20	40.0
154+58	EB	4	12	5.3	20	40.0
154+58	WB	4	12	5.3	20	40.0
155+12	EB	4	12	5.3	20	40.0
155+12	WB	4	12	5.3	20	40.0
155+82	EB	4	12	5.3	20	40.0
155+82	WB	4	12	5.3	20	40.0
156+11	EB	4	12	5.3	20	40.0
156+11	WB	4	12	5.3	20	40.0
156+63	EB	4	12	5.3	20	40.0
156+63	WB	4	12	5.3	20	40.0
158+11	EB	4	12	5.3	20	40.0
158+11	WB	4	12	5.3	20	40.0
162+08	EB	4	12	5.3	20	40.0
162+08	WB	4	12	5.3	20	40.0
163+07	EB	4	12	5.3	20	40.0
163+07	WB	4	12	5.3	20	40.0
SUB TOTALS				154.7 (SQ. YD)	580.0 (EACH)	1160.0 (FT)

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	PLOT DATE = 1/15/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
684	60PT	EDGAR	18	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70817	

PATCHING SCHEDULE CONT.

(4200934)

STATION	LANE	LENGTH (FT)	WIDTH (FT)	PATCH AREA TYPE II 8.0" (SQ. YD)	DOWEL BARS Z0017100 (EACH)	SAW CUTS 44213200 (FT)
164+08	EB	4	12	5.3	20	40.0
164+08	WB	4	12	5.3	20	40.0
166+06	EB	4	12	5.3	20	40.0
166+06	WB	4	12	5.3	20	40.0
168+05	EB	4	12	5.3	20	40.0
168+05	WB	4	12	5.3	20	40.0
169+05	EB	4	12	5.3	20	40.0
169+05	WB	4	12	5.3	20	40.0
169+70	EB	4	12	5.3	20	40.0
169+70	WB	4	12	5.3	20	40.0
171+05	EB	4	12	5.3	20	40.0
171+05	WB	4	12	5.3	20	40.0
171+68	EB	4	12	5.3	20	40.0
171+68	WB	4	12	5.3	20	40.0
173+04	EB	6	12	8.0	20	42.0
173+04	WB	6	12	8.0	20	42.0
174+04	EB	4	12	5.3	20	40.0
174+04	WB	4	12	5.3	20	40.0
175+03	EB	8	12	10.7	20	44.0
175+03	WB	8	12	10.7	20	44.0
175+86	EB	4	12	5.3	20	40.0
175+86	WB	10	12	13.3	20	46.0
177+00	EB	4	12	5.3	20	40.0
177+00	WB	4	12	5.3	20	40.0
179+00	EB	4	12	5.3	20	40.0
179+00	WB	4	12	5.3	20	40.0
180+00	EB	4	12	5.3	20	40.0
180+00	WB	4	12	5.3	20	40.0
181+06	EB	4	12	5.3	20	40.0
181+06	WB	4	12	5.3	20	40.0
SUB TOTALS				184.0 (SQ. YD)	600.0 (each)	1218.0 (FT)

FILE NAME =	USER NAME = bucklesJJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\PWIDOT\BUCKLESJJ\d0176654\0570817-Schedule.dgn		DRAWN -	REVISED -					684	60PT	EDGAR	18	8	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE:			SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 70817
	PLOT DATE = 1/15/2010	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

PATCHING SCHEDULE CONT.

(44200934)

STATION	LANE	LENGTH (FT)	WIDTH (FT)	PATCH AREA TYPE II 8.0" (SQ. YD)	DOWEL BARS Z0017100 (EACH)	SAW CUTS 44213200 (FT)
183+04	EB	4	12	5.3	20	40.0
183+04	WB	4	12	5.3	20	40.0
184+04	EB	4	12	5.3	20	40.0
184+04	WB	4	12	5.3	20	40.0
185+03	EB	4	12	5.3	20	40.0
185+03	WB	4	12	5.3	20	40.0
186+02	EB	4	12	5.3	20	40.0
186+02	WB	4	12	5.3	20	40.0
187+03	EB	4	12	5.3	20	40.0
187+03	WB	4	12	5.3	20	40.0
189+02	EB	4	12	5.3	20	40.0
189+02	WB	4	12	5.3	20	40.0
190+04	EB	4	12	5.3	20	40.0
190+04	WB	4	12	5.3	20	40.0
194+00	EB	4	12	5.3	20	40.0
194+00	WB	4	12	5.3	20	40.0
197+00	EB	4	12	5.3	20	40.0
197+00	WB	4	12	5.3	20	40.0
198+00	EB	4	12	5.3	20	40.0
198+00	WB	4	12	5.3	20	40.0
199+06	EB	6	12	8.0	20	42.0
199+06	WB	6	12	8.0	20	42.0
200+06	EB	4	12	5.3	20	40.0
200+06	WB	4	12	5.3	20	40.0
201+04	EB	4	12	5.3	20	40.0
201+04	WB	4	12	5.3	20	40.0
202+04	EB	6	12	8.0	20	42.0
202+04	WB	6	12	8.0	20	42.0
203+04	EB	8	12	10.7	20	44.0
203+04	WB	4	12	5.3	20	40.0
SUB TOTALS				176.0 (SQ. YD)	600.0 (EACH)	1212.0 (FT)

FILE NAME =	USER NAME = bucklesJJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70817				
	PLOT DATE = 1/15/2010	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PATCHING SCHEDULE CONT.

(44200934)

STATION	LANE	LENGTH (FT)	WIDTH (FT)	PATCH AREA	DOWEL	SAW CUTS
				TYPE II 8.0" (SQ. YD)	BARS Z0017100 (EACH)	44213200 (FT)
204+03	EB	8	12	10.7	20	44.0
204+03	WB	8	12	10.7	20	44.0
205+03	EB	4	12	5.3	20	40.0
205+03	WB	4	12	5.3	20	40.0
207+03	EB	4	12	5.3	20	40.0
207+03	WB	4	12	5.3	20	40.0
207+32	EB	4	12	5.3	20	40.0
207+32	WB	4	12	5.3	20	40.0
208+02	EB	4	12	5.3	20	40.0
208+02	WB	4	12	5.3	20	40.0
210+00	EB	4	12	5.3	20	40.0
210+00	WB	4	12	5.3	20	40.0
211+00	EB	8	12	10.7	20	44.0
211+00	WB	8	12	10.7	20	44.0
212+00	EB	4	12	5.3	20	40.0
212+00	WB	4	12	5.3	20	40.0
213+00	EB	6	12	8.0	20	42.0
213+00	WB	6	12	8.0	20	42.0
214+04	EB	6	12	8.0	20	42.0
214+04	WB	6	12	8.0	20	42.0
215+02	EB	4	12	5.3	20	40.0
215+02	WB	4	12	5.3	20	40.0
216+00	EB	4	12	5.3	20	40.0
216+00	WB	4	12	5.3	20	40.0
218+00	EB	4	12	5.3	20	40.0
218+00	WB	4	12	5.3	20	40.0
218+78	EB	6	12	8.0	20	42.0
218+78	WB	6	12	8.0	20	42.0
218+98	EB	4	12	5.3	20	40.0
218+98	WB	4	12	5.3	20	40.0
SUB TOTALS				197.3 (SQ. YD)	600.0 (EACH)	1228.0 (FT)

FILE NAME =	USER NAME = bucklesJJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct\pwork\pwork\PWIDOT\BUCKLESJJ\d0176654\0570817-Schedule.dgn		DRAWN -	REVISED -					684	60PT	EDGAR	18	10
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70817				
	PLOT DATE = 1/15/2010	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PATCHING SCHEDULE CONT.

(44200934)

STATION	LANE	LENGTH (FT)	WIDTH (FT)	PATCH AREA TYPE II 8.0" (SQ. YD)	DOWEL BARS Z0017100 (EACH)	SAW CUTS 44213200 (FT)
220+00	EB	4	12	5.3	20	40.0
220+00	WB	4	12	5.3	20	40.0
221+10	EB	4	12	5.3	20	40.0
221+10	WB	4	12	5.3	20	40.0
222+10	EB	4	12	5.3	20	40.0
222+10	WB	4	12	5.3	20	40.0
223+09	EB	4	12	5.3	20	40.0
223+09	WB	4	12	5.3	20	40.0
224+09	EB	4	12	5.3	20	40.0
224+09	WB	4	12	5.3	20	40.0
225+09	EB	4	12	5.3	20	40.0
225+09	WB	4	12	5.3	20	40.0
226+09	EB	4	12	5.3	20	40.0
226+09	WB	4	12	5.3	20	40.0
227+06	EB	4	12	5.3	20	40.0
227+06	WB	4	12	5.3	20	40.0
228+06	EB	4	12	5.3	20	40.0
228+06	WB	4	12	5.3	20	40.0
230+05	EB	4	12	5.3	20	40.0
230+05	WB	4	12	5.3	20	40.0
231+04	EB	4	12	5.3	20	40.0
231+04	WB	4	12	5.3	20	40.0
234+01	EB	4	12	5.3	20	40.0
234+01	WB	4	12	5.3	20	40.0
235+00	EB	4	12	5.3	20	40.0
235+00	WB	4	12	5.3	20	40.0
236+04	EB	4	12	5.3	20	40.0
236+04	WB	4	12	5.3	20	40.0
237+03	EB	4	12	5.3	20	40.0
237+03	WB	4	12	5.3	20	40.0
SUB TOTALS				160.0 (SQ. YD)	600.0 (EACH)	1200.0 (FT)

PATCHING SCHEDULE CONT.

(44200934)

STATION	LANE	LENGTH (FT)	WIDTH (FT)	PATCH AREA TYPE II 8.0" (SQ. YD)	DOWEL BARS Z0017100 (EACH)	SAW CUTS 44213200 (FT)
239+02	EB	4	12	5.3	20	40.0
239+02	WB	4	12	5.3	20	40.0
240+00	EB	4	12	5.3	20	40.0
240+00	WB	4	12	5.3	20	40.0
241+02	EB	4	12	5.3	20	40.0
241+02	WB	4	12	5.3	20	40.0
243+00	EB	4	12	5.3	20	40.0
243+00	WB	4	12	5.3	20	40.0
244+00	EB	4	12	5.3	20	40.0
244+00	WB	4	12	5.3	20	40.0
245+99	EB	4	12	5.3	20	40.0
245+99	WB	4	12	5.3	20	40.0
246+99	EB	4	12	5.3	20	40.0
246+99	WB	4	12	5.3	20	40.0
250+00	EB	4	12	5.3	20	40.0
250+00	WB	4	12	5.3	20	40.0
251+07	EB	4	12	5.3	20	40.0
251+07	WB	4	12	5.3	20	40.0
256+03	EB	4	12	5.3	20	40.0
256+03	WB	4	12	5.3	20	40.0
264+12	EB	4	12	5.3	20	40.0
264+12	WB	4	12	5.3	20	40.0
266+11	EB	4	12	5.3	20	40.0
266+11	WB	4	12	5.3	20	40.0
267+11	EB	4	12	5.3	20	40.0
267+11	WB	4	12	5.3	20	40.0
270+08	EB	4	12	5.3	20	40.0
270+08	WB	4	12	5.3	20	40.0
277+03	EB	4	12	5.3	20	40.0
277+03	WB	4	12	5.3	20	40.0
SUB TOTALS				160.0 (SQ. YD)	600.0 (EACH)	1200.0 (FT)

FILE NAME = ct:\pw\work\PWIDOT\BUCKLESJJ\d0176654\05	USER NAME = bucklesJJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	70817-Schedule.dgn	DRAWN -	REVISED -					684	60PT	EDGAR	18	12
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70817				
	PLOT DATE = 1/15/2010	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PATCHING SCHEDULE CONT.

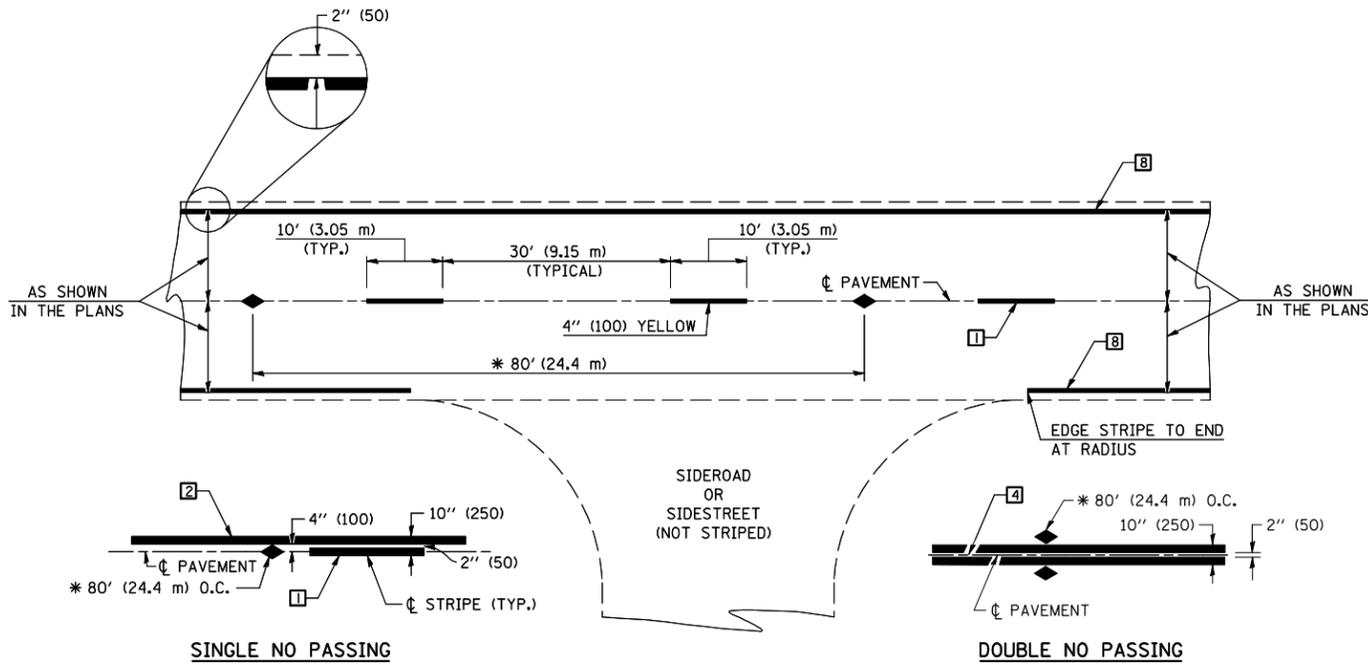
(44200934)

STATION	LANE	LENGTH (FT)	WIDTH (FT)	PATCH AREA TYPE II 8.0" (SQ. YD)	DOWEL BARS Z0017100 (EACH)	SAW CUTS 44213200 (FT)
279+08	EB	4	12	5.3	20	40.0
279+08	WB	4	12	5.3	20	40.0
282+05	EB	6	12	8.0	20	42.0
282+05	WB	6	12	8.0	20	42.0
284+02	EB	4	12	5.3	20	40.0
284+02	WB	4	12	5.3	20	40.0
290+97	EB	4	12	5.3	20	40.0
290+97	WB	4	12	5.3	20	40.0
291+97	EB	4	12	5.3	20	40.0
291+97	WB	4	12	5.3	20	40.0
293+97	EB	4	12	5.3	20	40.0
293+97	WB	4	12	5.3	20	40.0
295+06	EB	4	12	5.3	20	40.0
295+06	WB	4	12	5.3	20	40.0
296+06	EB	4	12	5.3	20	40.0
296+06	WB	4	12	5.3	20	40.0
297+00	EB	4	12	5.3	20	40.0
297+00	WB	4	12	5.3	20	40.0
301+00	EB	4	12	5.3	20	40.0
301+00	WB	4	12	5.3	20	40.0
304+00	EB	4	12	5.3	20	40.0
304+00	WB	4	12	5.3	20	40.0
305+00	EB	4	12	5.3	20	40.0
305+00	WB	4	12	5.3	20	40.0
342+16	EB	4	12	5.3	20	40.0
342+16	WB	4	12	5.3	20	40.0
343+02	EB	4	12	5.3	20	40.0
343+02	WB	4	12	5.3	20	40.0
344+01	EB	4	12	5.3	20	40.0
344+01	WB	4	12	5.3	20	40.0
SUB TOTALS				165.3 (SQ. YD)	600.0 (EACH)	1204.0 (FT)

PATCHING SCHEDULE CONT.

(44200934)

STATION	LANE	LENGTH (FT)	WIDTH (FT)	PATCH AREA TYPE II 8.0" (SQ. YD)	DOWEL BARS Z0017100 (EACH)	SAW CUTS 44213200 (FT)
346+02	EB	4	12	5.3	20	40.0
346+02	WB	4	12	5.3	20	40.0
347+02	EB	4	12	5.3	20	40.0
347+02	WB	4	12	5.3	20	40.0
348+02	EB	4	12	5.3	20	40.0
348+02	WB	4	12	5.3	20	40.0
350+00	WB	4	12	5.3	20	40.0
350+99	EB	4	12	5.3	20	40.0
350+99	WB	4	12	5.3	20	40.0
351+99	EB	4	12	5.3	20	40.0
351+99	WB	4	12	5.3	20	40.0
353+17	EB	4	12	5.3	20	40.0
353+17	WB	4	12	5.3	20	40.0
355+16	EB	4	12	5.3	20	40.0
355+16	WB	4	12	5.3	20	40.0
356+14	EB	4	12	5.3	20	40.0
356+14	WB	4	12	5.3	20	40.0
359+13	EB	6	12	8.0	20	42.0
359+13	WB	6	12	8.0	20	42.0
359+61	EB	6	12	8.0	20	42.0
359+61	WB	6	12	8.0	20	42.0
367+11	EB	10	12	13.3	20	46.0
367+11	WB	10	12	13.3	20	46.0
SUB TOTALS				149.3 (SQ. YD)	460.0 (EACH)	940.0 (FT)
TOTALS				1347.0 (SQ. YD)	4640.0 (EACH)	9362.0 (FT)



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

TWO LANE/TWO WAY

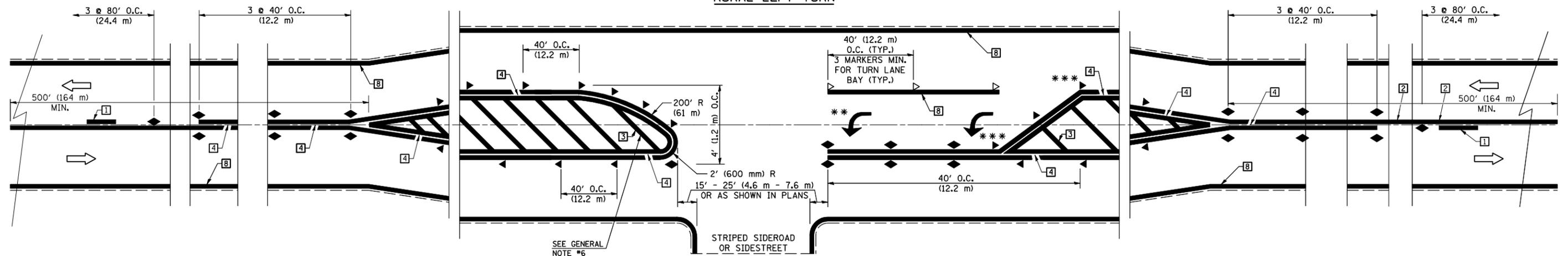
TYPICAL PAVEMENT MARKING LEGEND

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

TYPICAL PAVEMENT MARKERS LEGEND

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

RURAL LEFT TURN



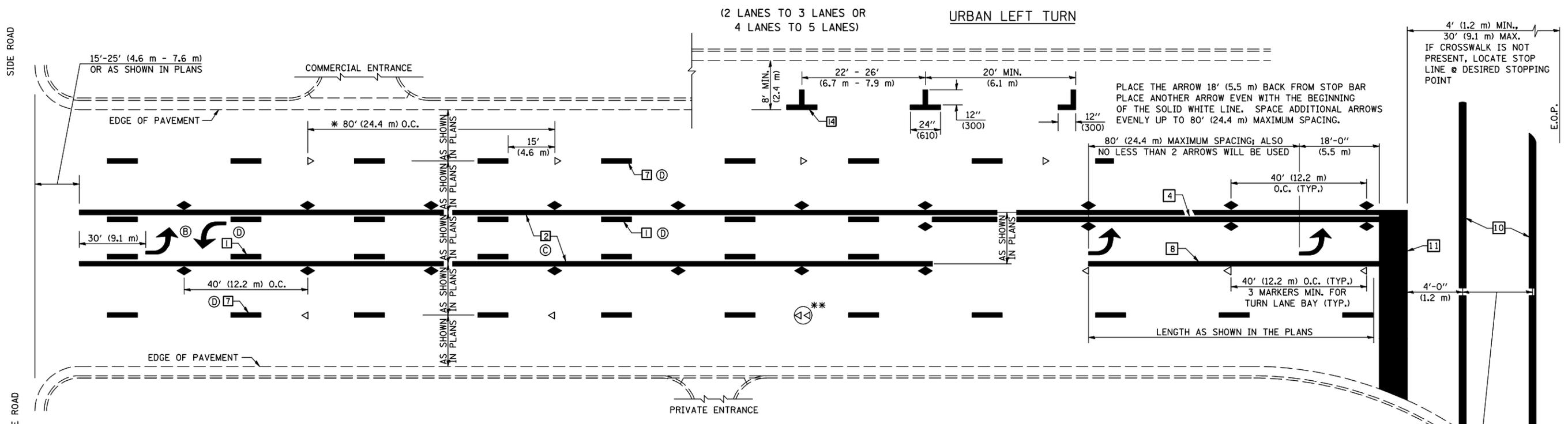
*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

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

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

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PWIDOT\BUCKLESJJ\d0176654\0970817-Details.dgn	70817-Details.dgn	DRAWN -	REVISED -				684	60PT	EDGAR	18	15
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 70817			ILLINOIS FED. AID PROJECT			
PLOT DATE = 1/15/2010		DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.			

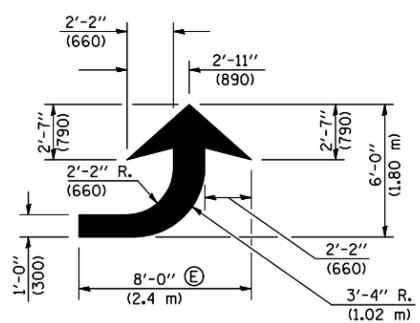


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

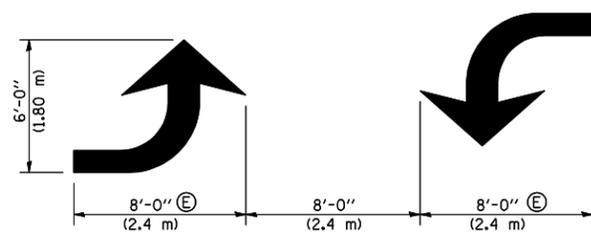
GENERAL NOTES:

- ⓑ 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)



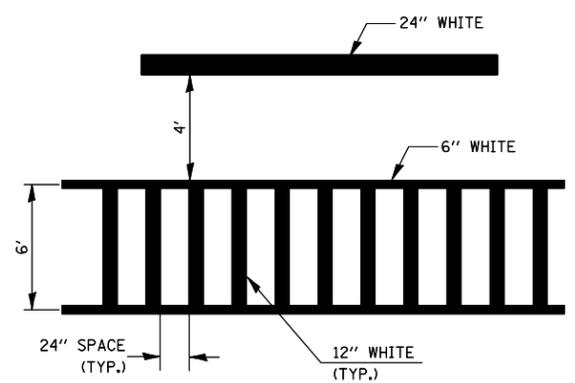
LEFT ARROW

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

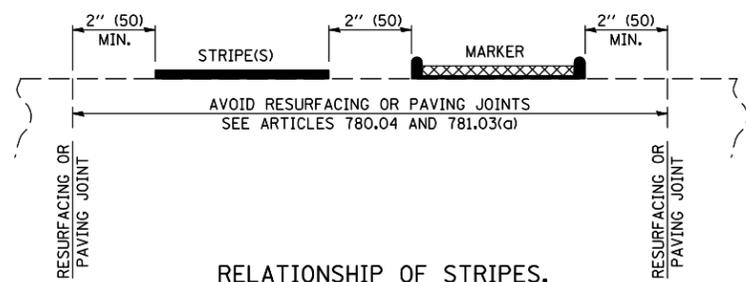


TYPICAL DOUBLE TURN ARROWS (WHITE)

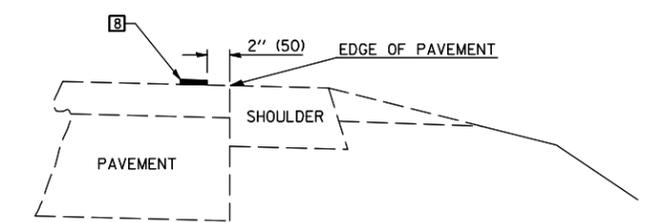
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



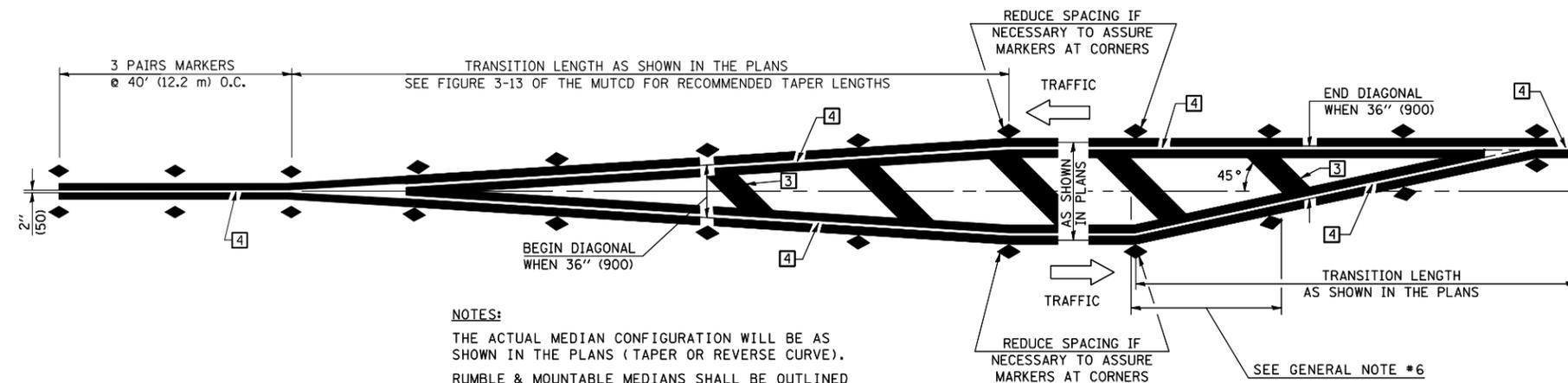
RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

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

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

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwwork\pwwork\pwwork\BUCKLESJJ\d0176654\070817-Details.dgn	DRAWN -	REVISED -	684			60PT	EDGAR	18	16	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 70817							
PLOT DATE = 1/15/2010	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. 1 OF 4 SHEETS		STA.		TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

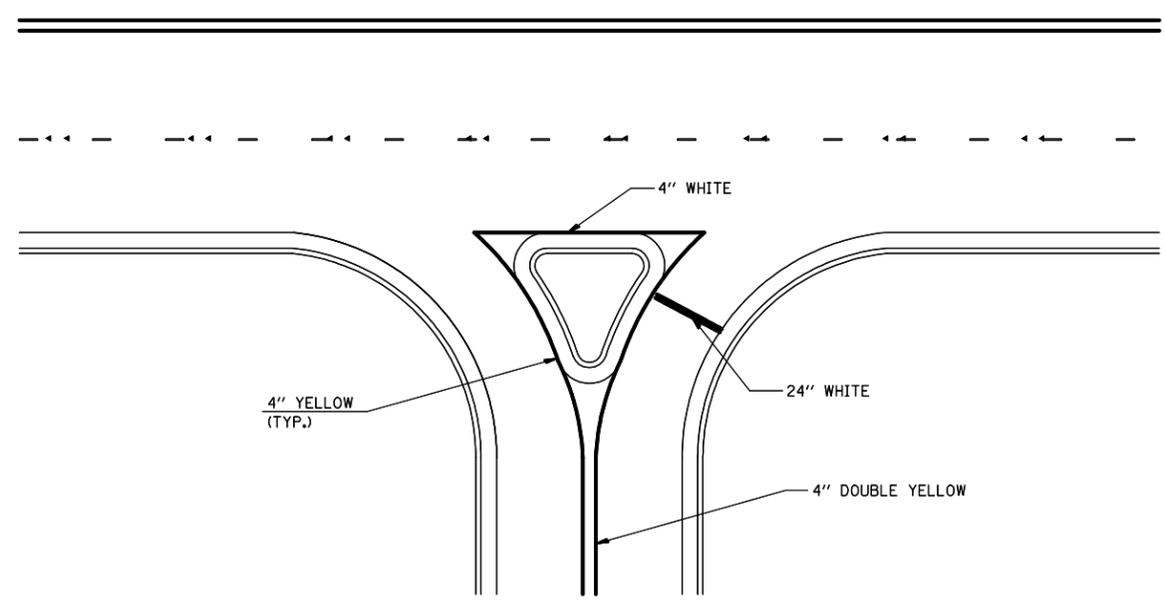


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

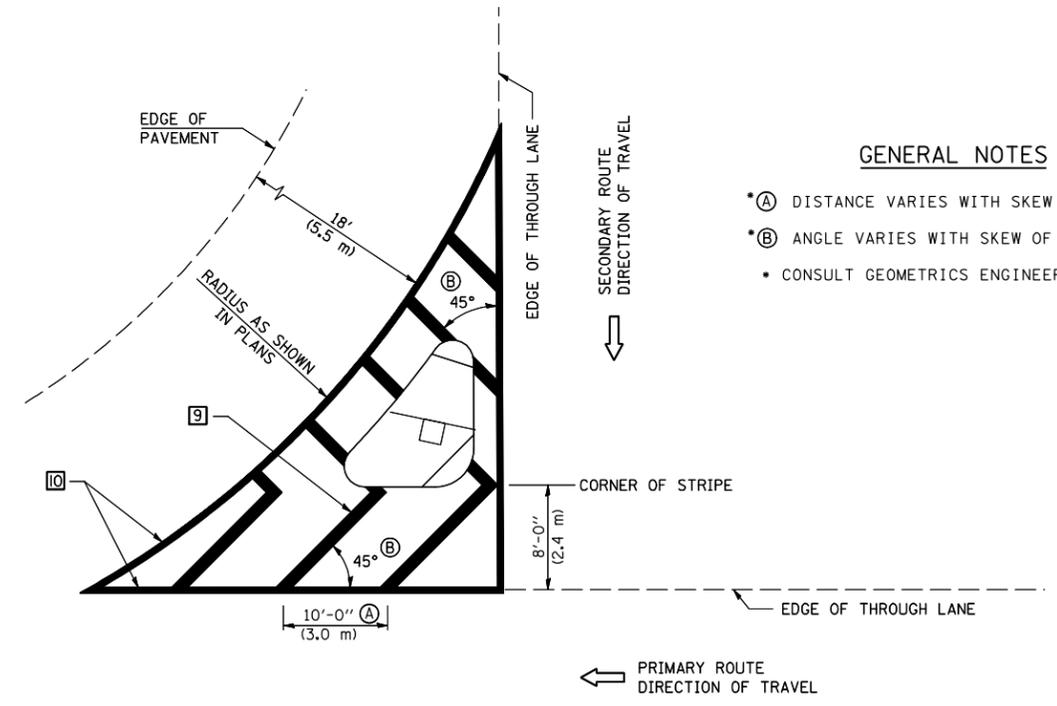
GENERAL NOTES

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)

TYPICAL MEDIAN TRANSITIONS



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

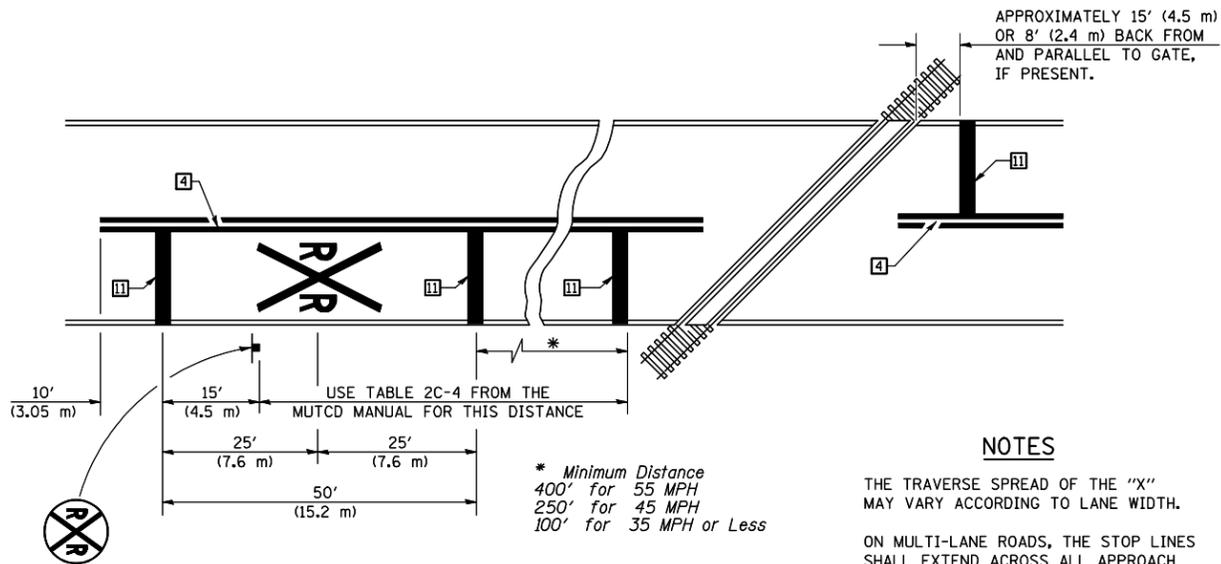
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME = c:\pwwork\pwidot\BUCKLESJJ\d0176654\070817-Details.dgn	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -				684	60PT	EDGAR	18	17
PLOT DATE = 1/15/2010	DATE -	REVISED -	REVISED -	SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.		CONTRACT NO. 70817		ILLINOIS FED. AID PROJECT			

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

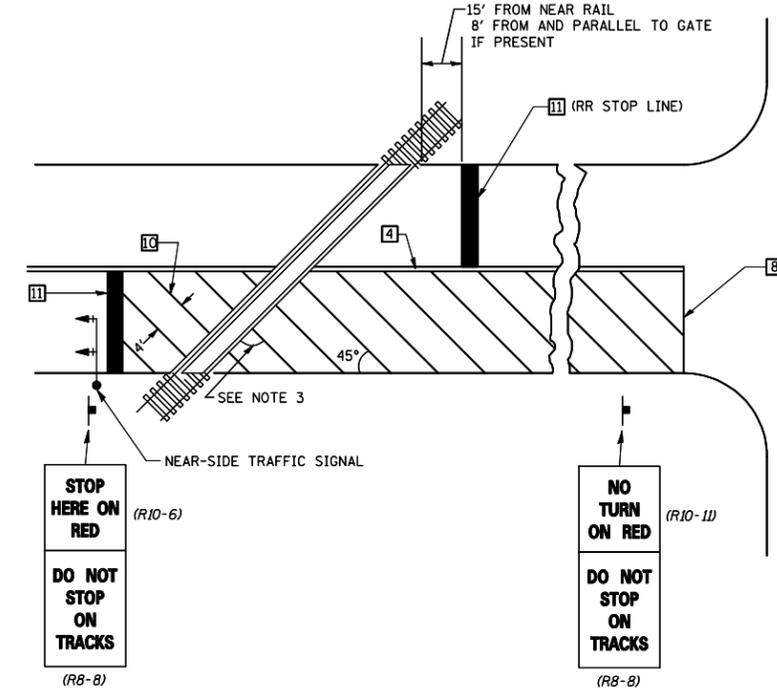
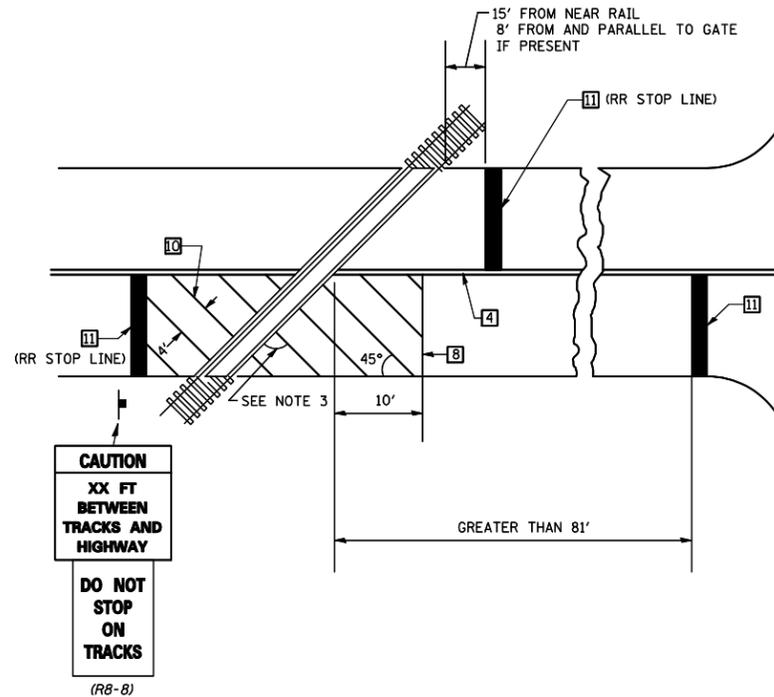
APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

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

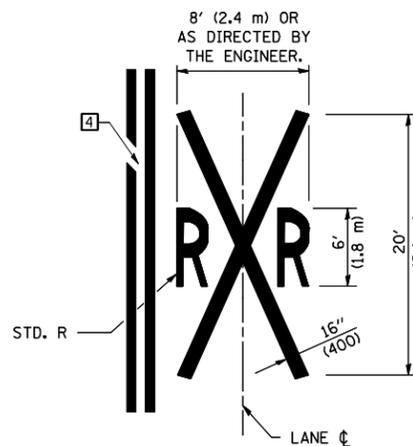
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BUCKLESJJ\d0176654\0570817-Details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/15/2010	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.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
684	60PT	EDGAR	18	18
CONTRACT NO. 70817				
ILLINOIS FED. AID PROJECT				