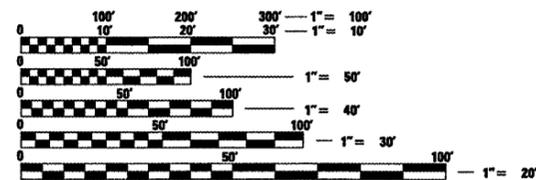


FOR INDEX OF SHEETS, SEE SHEET NO. 3
 FOR SUMMARY OF QUANTITIES SEE SHEET NO. 5

CURRENT TRAFFIC DATA			
	LEG "A"	LEG "B"	LEG "C"
2010 ADT	19,500	3,150	2,450
P.U. %	61.5	91.2	87.8
S.U. %	4.3	5.3	7.8
M.U. %	34.2	3.5	4.4

LEG "A" IS I-74 FROM IL 54 TO APPROXIMATELY 3 MILES WEST OF MANSFIELD.
 LEG "B" IS IL 10 FROM IL 54 TO REVERE RD IN CLINTON.
 LEG "C" IS IL 10 FROM REVERE RD TO WELDON SPRINGS RD IN CLINTON.

DESIGN DESIGNATION
 NA



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 (CLINTONIA, & BLUE RIDGE TOWNSHIPS)
 OR 811

PROJECT ENGINEER: NANCY FASIG
 SQUAD LEADER: BRIAN J. HOGAN
 DESIGNER: ANDREW J. BERGAN
 (217)-465-4181

CONTRACT NO. 70890

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

F.A.I. ROUTE 74(I-74) & F.A.P. ROUTE 721 (IL 10)
 SECTION (74-2) & (113) I

MICRO-SURFACING
 DEWITT & PIATT COUNTY

C-95-067-10

I-74: DEWITT CO. LINE TO 2 MI W OF MANSFIELD
 IL 10: IL 54 TO WELDON SPRINGS RD E OF CLINTON

FOR LOCATION MAP, SEE SHEET #2

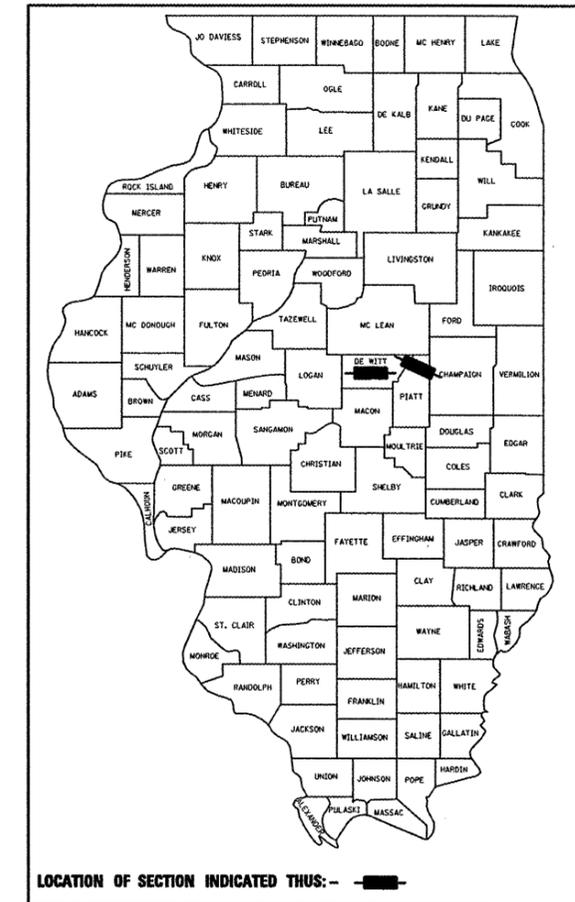
GROSS LENGTH = 21,100.00 FT. = 4.011 MILE
 NET LENGTH = 20,875.40 FT. = 3.954 MILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(74-2)&(113)	**	15	1

ILLINOIS CONTRACT NO. 70890

* F.A.I. ROUTE 74 & F.A.P. ROUTE 721
 ** DEWITT & PIATT COUNTY

D-95-067-10



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

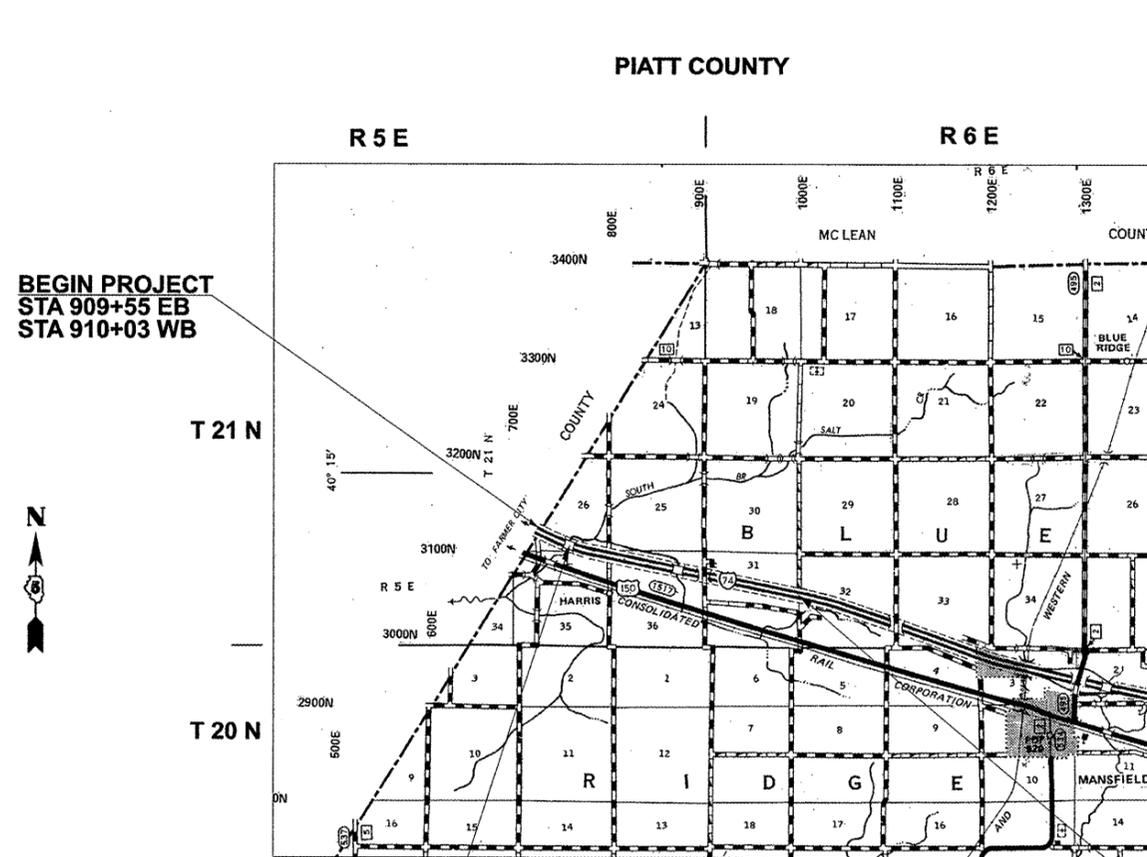
SUBMITTED 12/14 20 10
Jessell R. Gowan
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Feb 4 20 11
Scott E. Still, P.E.
 acting ENGINEER OF DESIGN AND ENVIRONMENT

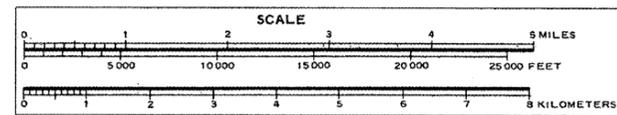
Feb 4 20 11
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

LOCATION MAP

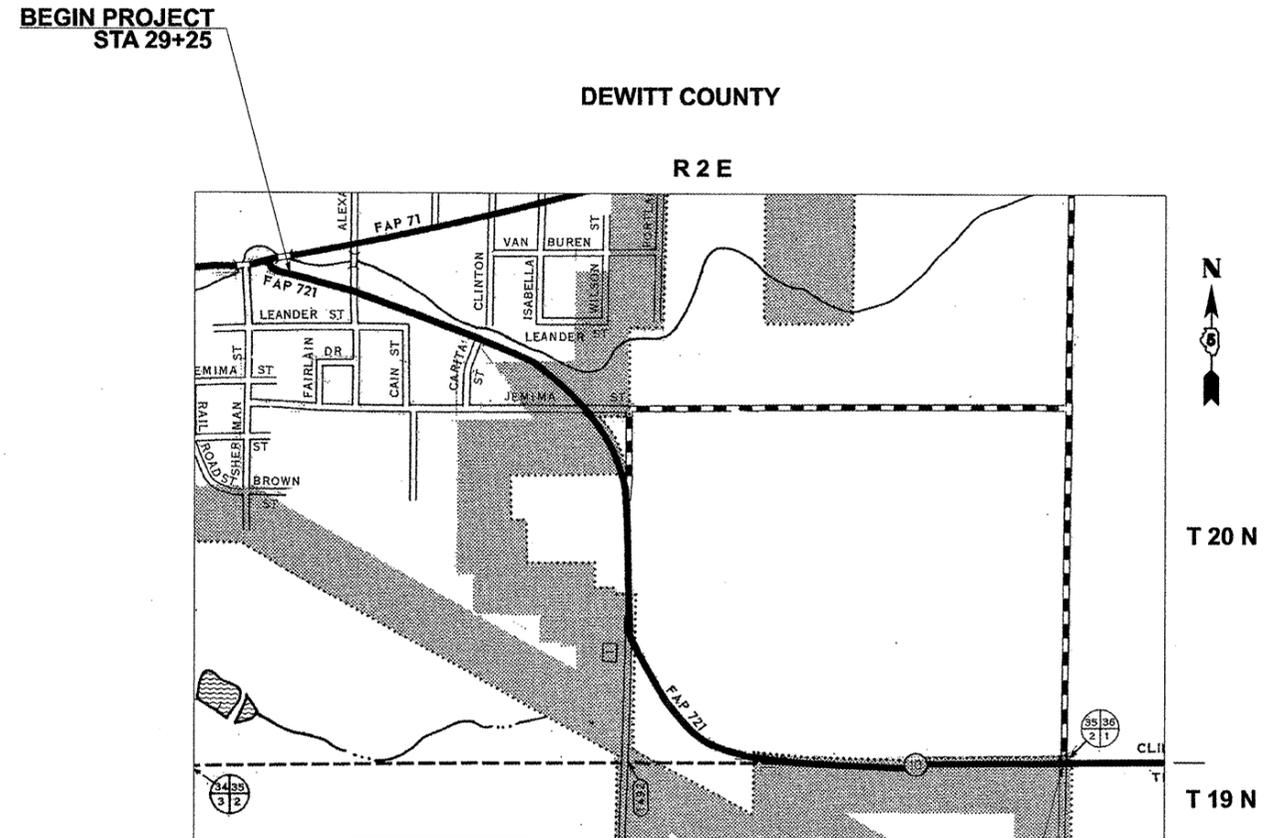


BRIDGE OMISSION
 S.N. 074-0037 EB
 STA. 921+03.15 TO STA. 924+07.75 EB
 S.N. 074-0038 WB
 STA. 921+44.98 TO STA. 924+55.69 WB

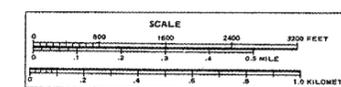


LOCATION #1

GROSS LENGTH = 14,855.00' = 2.813 MILES
 NET LENGTH = 14,550.40' = 2.756 MILES



END PROJECT
 STA 92+50



LOCATION #2

GROSS LENGTH = 6,325.00' = 1.198 MILES
 NET LENGTH = 6,325.00' = 1.198 MILES

TOTAL PROJECT

GROSS LENGTH = 21,180.00' = 4.011 MILES
 NET LENGTH = 20,875.40' = 3.954 MILES

FILE NAME =	USER NAME = berganAJ	DESIGNED -	AJB 11/24/2010	REVISED -	
ct:\pwwork\pwwidot\berganaj\d0243642\0570890-sht-cover.CEL		DRAWN -		REVISED -	
		CHECKED -		REVISED -	
		DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAPS	
SCALE: -----	SHEET NO. <u>1</u> OF <u>1</u> SHEETS STA. ----- TO STA. -----

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
***	(74-2) & (113) I	**	15	2
CONTRACT NO. 70890				
ILLINOIS FED. AID PROJECT				

** DEWITT & PIATT
 *** F.A.I. 74 & F.A.P. 721

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	LOCATION MAPS
3	INDEX OF SHEETS
3	LIST OF HIGHWAY STANDARDS
4	GENERAL NOTES
5	SUMMARY OF QUANTITIES
6-7	EXISTING TYPICAL CROSS SECTIONS
8-9	PROPOSED TYPICAL CROSS SECTIONS
10	SCHEDULE OF QUANTITIES
11	PAVEMENT MARKING (INTERSTATE & MULTILANE APPLICATIONS)
12-15	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001 - 06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701201 - 04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701311 - 03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701400 - 05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406 - 06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426 - 04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701501 - 06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901 - 01	TRAFFIC CONTROL DEVICES
780001 - 02	TYPICAL PAVEMENT MARKINGS
781001 - 03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

** DEWITT & PIATT
*** F.A.I. 74 & F.A.P. 721

FILE NAME =	USER NAME = berganAJ	DESIGNED - AJB 11/24/2010	REVISED -	STATE OF ILLINOIS	INDEX OF SHEETS & LIST OF HIGHWAY STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\berganaj\d0243642\0570890-sht-gennote.CEL	PLOT SCALE = 40,0000 "/ IN.	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____	***	(74-2) & (113) I	**	15	3
PLOT DATE = 12/13/2010	DATE -	CHECKED -	REVISED -							CONTRACT NO. 70890
							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.-105.09A

ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

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.-703-SPL

PAINT WILL NOT BE ALLOWED TO BE USED FOR SHORT TERM PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS. PAVEMENT MARKING TAPE SHALL BE USED AT ALL LOCATIONS WHERE WORK ZONE PAVEMENT MARKINGS ARE CALLED OUT IN THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-781-SPL

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). THE RAISED REFLECTIVE PAVEMENT MARKERS ON I-74 SHALL BE PLACED ONE (EACH) AT EVEN SPACING IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPS.

NO COMMITMENTS

** DEWITT & PIATT
*** F.A.I. 74 & F.A.P. 721

FILE NAME = <small>cs:\pwork\pwork\bergenaj\d0243642\0570890-sh1-gennote.CEL</small>	USER NAME = berganAJ <small>0890-sh1-gennote.CEL</small>	DESIGNED - AJB 11/24/2010 DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE. ***	SECTION (74-2) & (113) I	COUNTY **	TOTAL SHEETS 15	SHEET NO. 4	CONTRACT NO. 70890 <small>ILLINOIS FED. AID PROJECT</small>
				SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____					

SUMMARY OF QUANTITIES

LOCATION OF WORK:

FAI 74 (I 74)
RURAL
INTERSTATE
PIATT COUNTY

FAP 721 (IL 10)
URBAN
OTHER PRINCIPAL ARTERIAL
DEWITT COUNTY

LOCATION #1: STA 909+55 TO 1058+10
PIATT CO LINE TO 2 MI W OF MANSFIELD

LOCATION #2: STA 29+25 TO 92+50
IL 54 TO WELDON SPRINGS ROAD E OF CLINTON

FUNDING BREAKOUT:
CONSTRUCTION CODE:

100 % STATE
0005

100 % STATE
0005

PAY ITEM CODE	PAY ITEM	UNIT	TOTAL QUANTITY	QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,450.0	150.0
67100100	MOBILIZATION	L SUM	1.0	0.3
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	1.0
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0	1.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	1.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,150.0	650.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,450.0	250.0
*78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	23,200.0	1,600.0
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	500.0	100.0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	7,750.0	550.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	500.0	100.0
X0326240	MICRO-SURFACING TEST STRIP	EACH	1.0	1.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14.0	14.0
Z0004005	FIBER ASPHALT	POUND	20,400.0	2,800.0
Z0063805	MICRO-SURFACING, SINGLE PASS, TYPE II	SQ YD	14,350.0	1,450.0

* DENOTES SPECIALTY ITEM

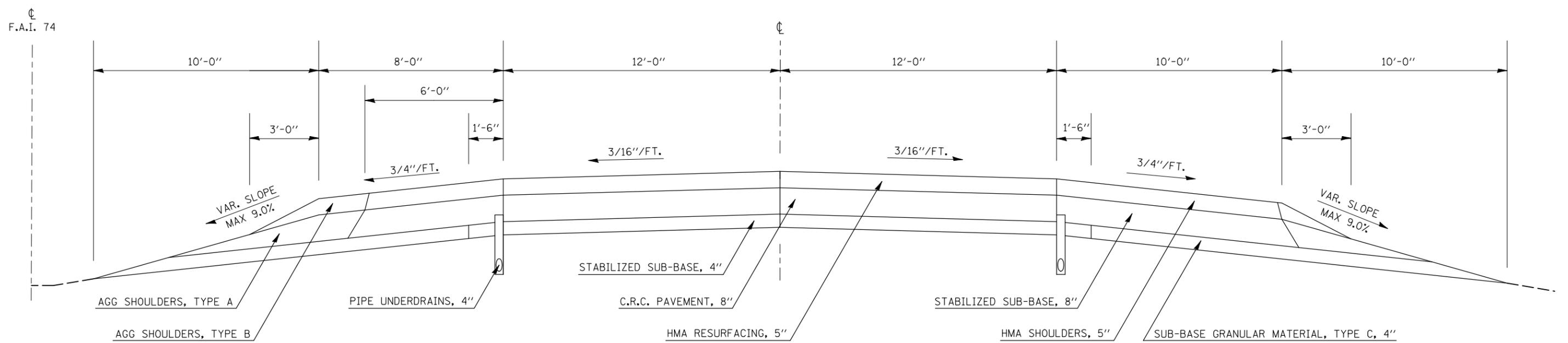
.. DEWITT & PIATT
... F.A.I. 74 & F.A.P. 721

FILE NAME =	USER NAME = bergana.j	DESIGNED - AJB 11/24/2010	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -				CONTRACT NO. 70890				
PLOT DATE = 12/14/2010	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____										

EXISTING TYPICAL CROSS SECTION ①

EB STATION 909+55.00 TO EB STATION 1058+10.00
 WB 910+03.00 WB 1056+78.00

OMISSIONS FROM SECTION (SN 074-0037) TO (SN 074-0038)
 EB STATION 921+03.15 TO EB STATION 924+07.75
 WB 921+44.98 WB 924+55.69



FILE NAME =	USER NAME = berganAJ	DESIGNED - AJB 11/24/2010	REVISED -
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2010	DATE -	REVISED -

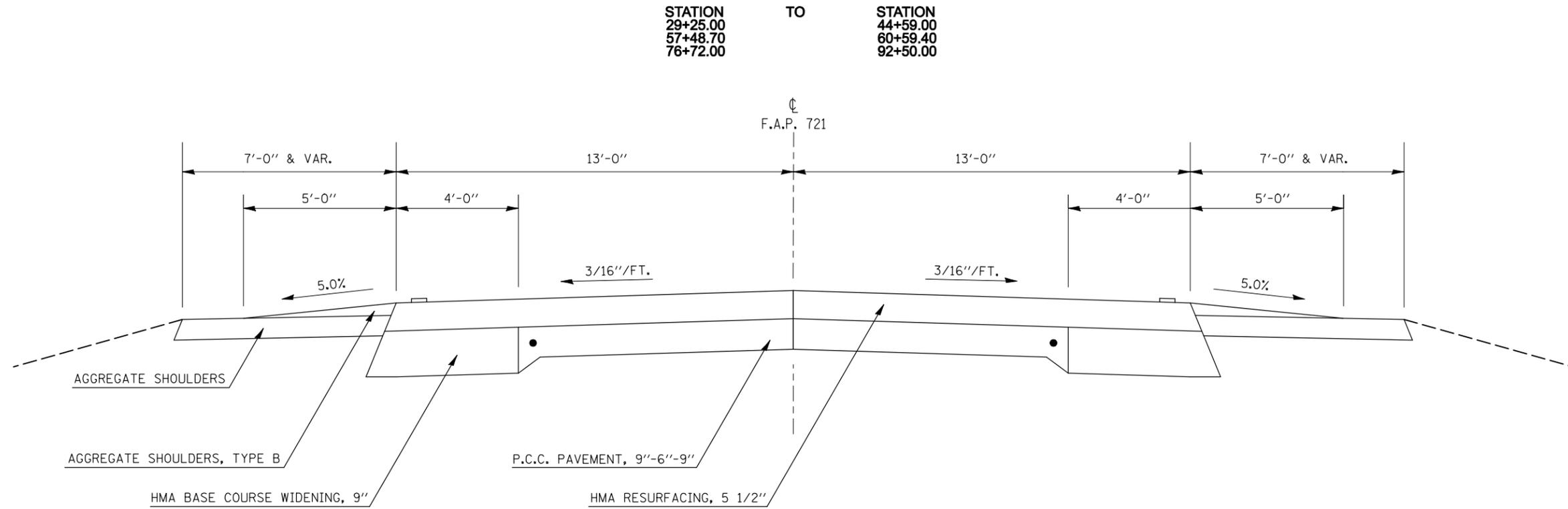
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS	
SCALE: -----	SHEET NO. 2 OF 3 SHEETS
STA. -----	TO STA. -----

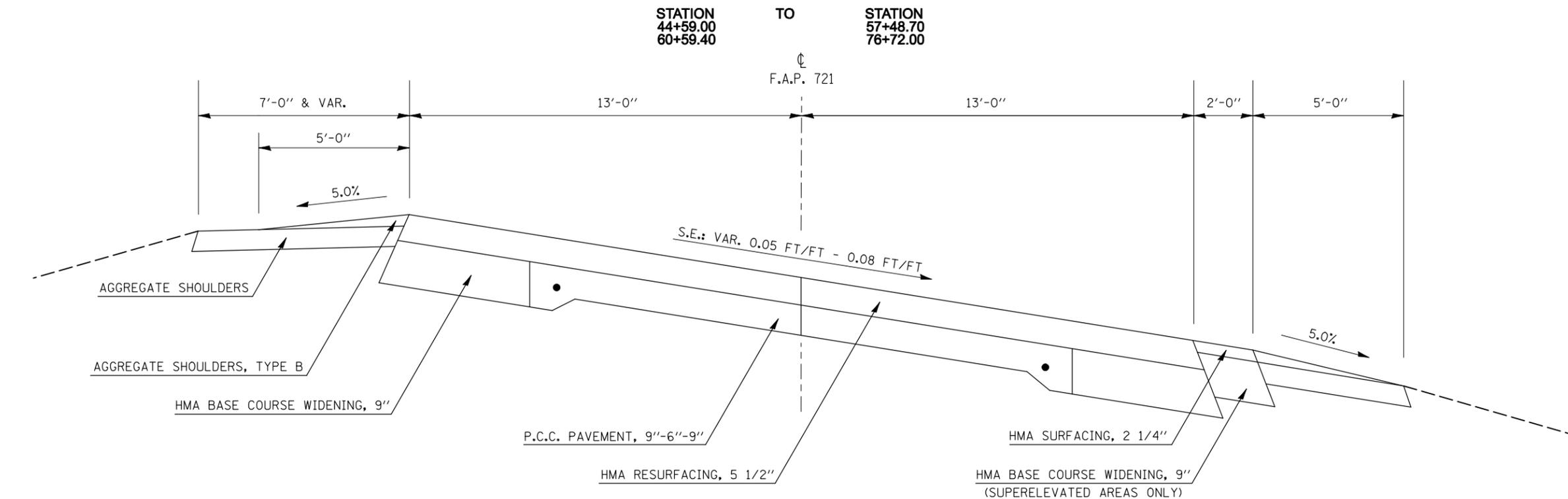
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
***	(74-2) & (113) I	**	15	6
CONTRACT NO. 70890			ILLINOIS FED. AID PROJECT	

** DEWITT & PIATTT
 *** F.A.I. 74 & F.A.P. 721

EXISTING TYPICAL CROSS SECTION ②



EXISTING TYPICAL CROSS SECTION ③



•• DEWITT & PIATTT
••• F.A.I. 74 & F.A.P. 721

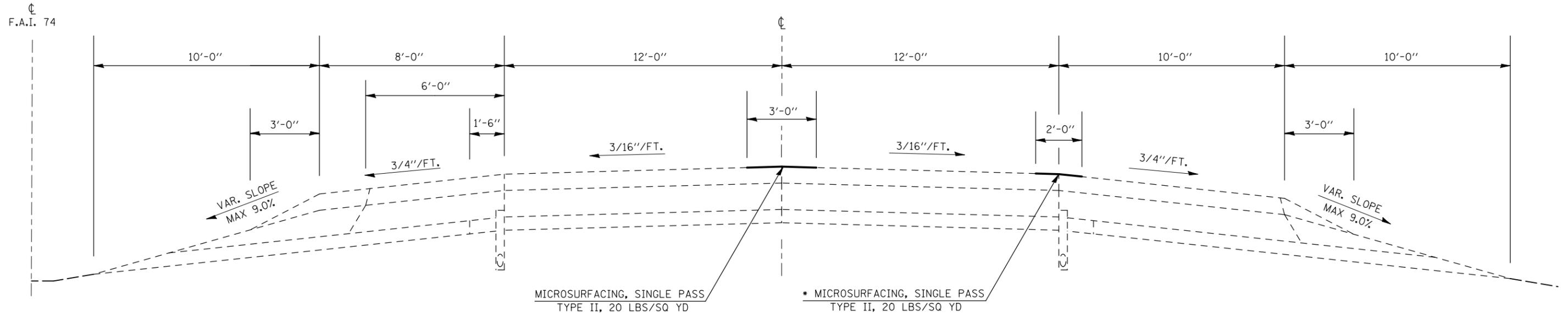
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ct:\pw\work\p\dot\berganAJ\0243642\0570890-shr-typico1.CEL		DRAWN -	REVISED -			•••	(74-2) & (113) I	••	15	7
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		SCALE: _____					
PLOT DATE = 12/13/2010		DATE -	REVISED -		SHEET NO. 3 OF 3 SHEETS	STA. _____	TO STA. _____			
										CONTRACT NO. 70890 ILLINOIS FED. AID PROJECT

PROPOSED TYPICAL CROSS SECTION ①

* MICROSURFACING ON EDGE LINE IS TO BE COMPLETED IN THE WB LANES ONLY

EB STATION 909+55.00 TO EB STATION 1058+10.00
 WB 910+03.00 WB 1056+78.00

OMISSIONS FROM SECTION (SN 074-0037) TO (SN 074-0038)
 EB STATION 921+03.15 TO EB STATION 924+07.75
 WB 921+44.98 WB 924+55.69



F.A.I. 74

** DEWITT & PIATTT
 *** F.A.I. 74 & F.A.P. 721

FILE NAME =	USER NAME = berganAJ	DESIGNED - AJB 11/24/2010	REVISED - _____
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PLOT DATE = 12/13/2010		DATE - _____	REVISED - _____

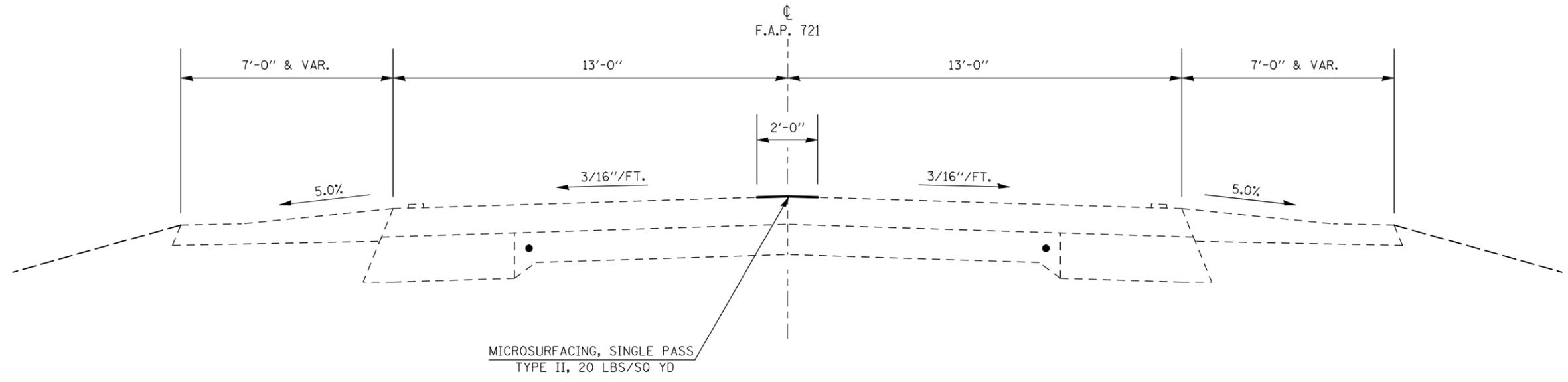
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS	
SCALE: _____	SHEET NO. 2 OF 3 SHEETS
STA. _____	TO STA. _____

F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
***	(74-2) & (113) I	**	15	8
CONTRACT NO. 70890				
ILLINOIS FED. AID PROJECT				

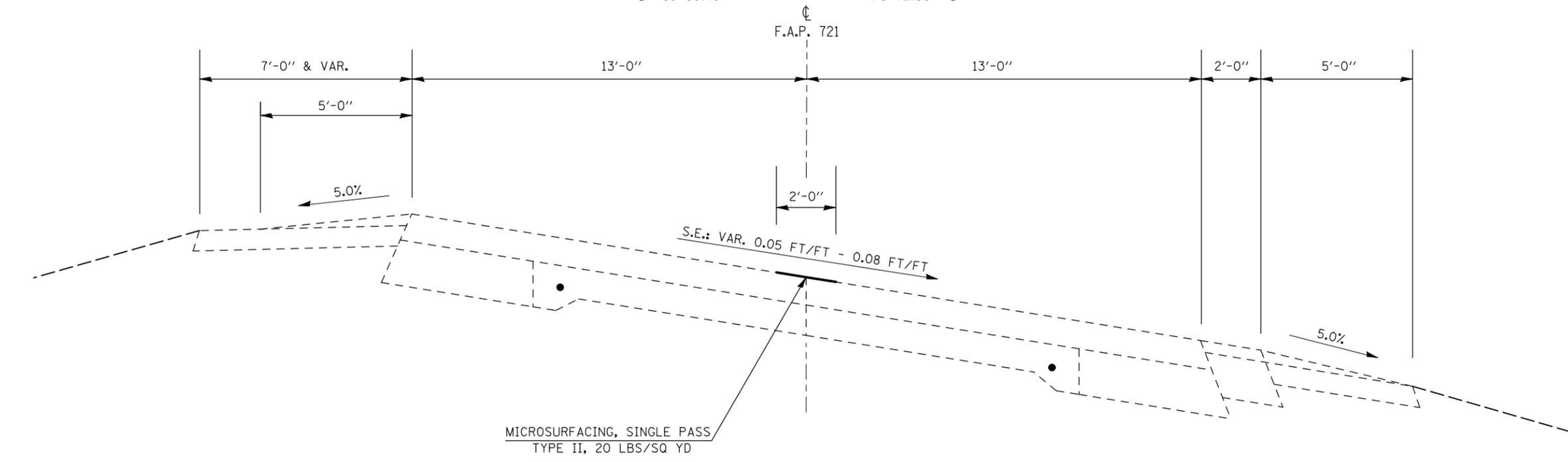
PROPOSED TYPICAL CROSS SECTION ②

STATION	TO	STATION
② 29+25.00		② 44+59.00
③ 57+48.70		③ 60+59.40
③ 76+72.00		③ 92+50.00



PROPOSED TYPICAL CROSS SECTION ③

STATION	TO	STATION
② 44+59.00		② 57+48.70
② 60+59.40		② 76+72.00



•• DEWITT & PIATTT
••• F.A.I. 74 & F.A.P. 721

FILE NAME =	USER NAME = berganAJ	DESIGNED - AJB 11/24/2010	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\berganAJ\0243642\0570890-sh-typical.CEL		DRAWN -	REVISED -			•••	(74-2) & (113) I	••	15	9
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		SCALE: _____					
PLOT DATE = 12/13/2010		DATE -	REVISED -		SHEET NO. 3 OF 3 SHEETS	STA. _____	TO STA. _____			
										ILLINOIS FED. AID PROJECT CONTRACT NO. 70890

SCHEDULE OF QUANTITIES

CROSS SECTION	LOCATION	STA.	TO	STA.	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) 40600100 GALLONS	SHORT TERM PAVEMENT MARKING 70300100 FOOT	WORK ZONE PAVEMENT MARKING REMOVAL 70301000 SQ FT	EPOXY PAVEMENT MARKING - LINE 4" 78005110 FOOT	RAISED REFLECTIVE PAVEMENT MARKER 78100100 EACH	
1	EB	909+55.00		921+03.15	1,148.1	3.0	382.7	38.3	114.8	38.3	287.0	14.4	
	(SN 074-0037)	921+03.15		924+07.75									
1	EB	924+07.75		1058+10.00	13,402.3	3.0	4,467.4	446.7	1340.2	446.7	3350.6	167.5	
1	WB	910+03.00		921+44.98	1,142.0	5.0	634.4	63.4	159.9	53.3	1427.5	14.3	
	(SN 074-0038)	921+44.98		924+55.69									
1	WB	924+55.69		1056+78.00	13,222.3	5.0	7,345.7	734.6	1851.1	617.0	16527.9	165.3	
2	FAP 721	29+25.00		44+59.00	1,534.0	2.0	340.9	34.1	153.4	51.1	383.5	19.2	
2	FAP 721	57+48.70		60+59.40	310.7	2.0	69.0	6.9	31.1	10.4	77.7	3.9	
2	FAP 721	76+72.00		92+50.00	1,578.0	2.0	350.7	35.1	157.8	52.6	394.5	19.7	
3	FAP 721	44+59.00		57+48.70	1,289.7	2.0	286.6	28.7	129.0	43.0	322.4	16.1	
3	FAP 721	60+59.40		76+72.00	1,612.6	2.0	358.4	35.8	161.3	53.8	403.2	20.2	
								TOTAL	1,423.6	4,098.5	1,366.2	23,174.2	440.5
								ROUND	1,450.0	4,150.0	1,450.0	23,200.0	500.0

CROSS SECTION	LOCATION	STA.	TO	STA.	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	PAVEMENT MARKING REMOVAL 78300100 SQ FT	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL 78300200 EACH	FIBER ASPHALT Z0004005 POUND	MICRO-SURFACING, SINGLE PASS, TYPE II Z0063805 SQ YD	
1	EB	909+55.00		921+03.15	1,148.1	3.0	382.7	95.7	14.4	470.7	382.7	
	(SN 074-0037)	921+03.15		924+07.75								
1	EB	924+07.75		1058+10.00	13,402.3	3.0	4,467.4	1116.9	167.5	5494.9	4467.4	
1	WB	910+03.00		921+44.98	1,142.0	5.0	634.4	475.8	14.3	936.4	634.4	
	(SN 074-0038)	921+44.98		924+55.69								
1	WB	924+55.69		1056+78.00	13,222.3	5.0	7,345.7	5509.3	165.3	10842.3	7345.7	
2	FAP 721	29+25.00		44+59.00	1,534.0	2.0	340.9	127.8	19.2	628.9	340.9	
2	FAP 721	57+48.70		60+59.40	310.7	2.0	69.0	25.9	3.9	127.4	69.0	
2	FAP 721	76+72.00		92+50.00	1,578.0	2.0	350.7	131.5	19.7	647.0	350.7	
3	FAP 721	44+59.00		57+48.70	1,289.7	2.0	286.6	107.5	16.1	528.8	286.6	
3	FAP 721	60+59.40		76+72.00	1,612.6	2.0	358.4	134.4	20.2	661.2	358.4	
								TOTAL	7,724.7	440.5	20,337.6	14,235.9
								ROUND	7,750.0	500.0	20,400.0	14,350.0

FILE NAME =	USER NAME = berganAJ	DESIGNED - AJB 11/24/2010	REVISED -
ct:\pw\work\p\dot\berganAJ\0243642\0570890-sh-t-schedule.CEL		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

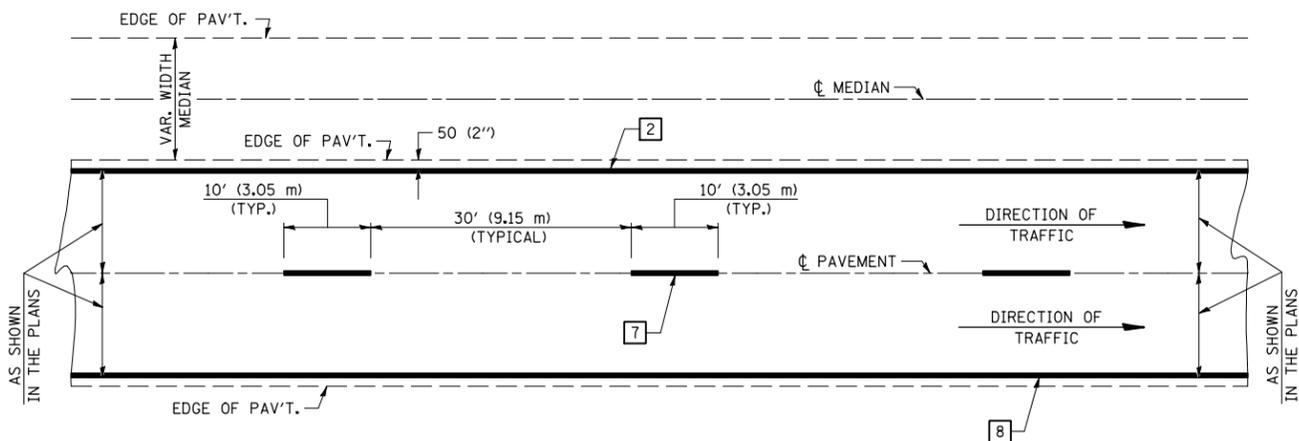
SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
***	(74-2) & (113) I	**	15	10
			CONTRACT NO. 70890	
<small>ILLINOIS FED. AID PROJECT</small>				

** DEWITT & PIATTT
*** F.A.I. 74 & F.A.P. 721

CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY

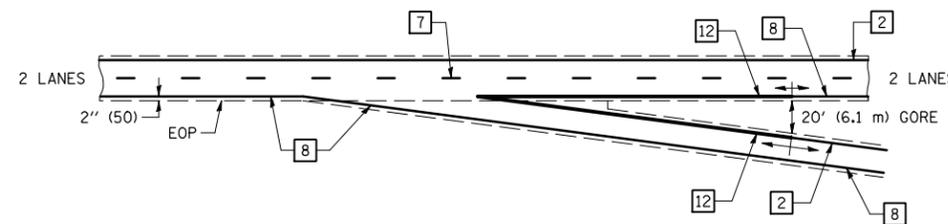


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

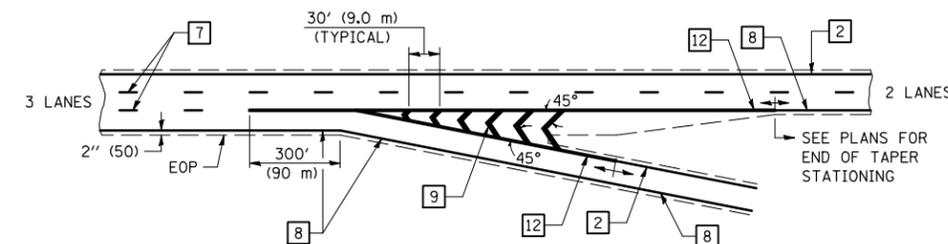
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

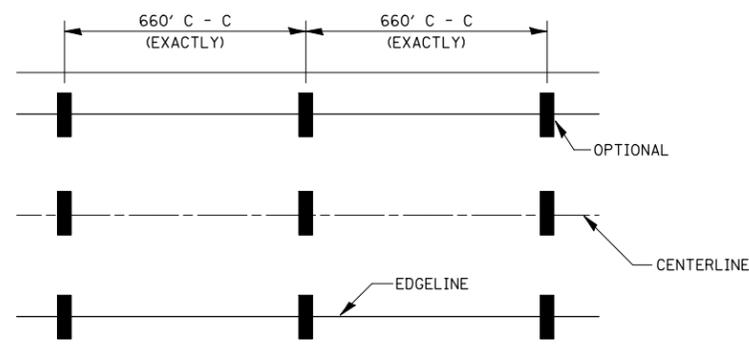
TYPICAL EXIT RAMP TERMINAL



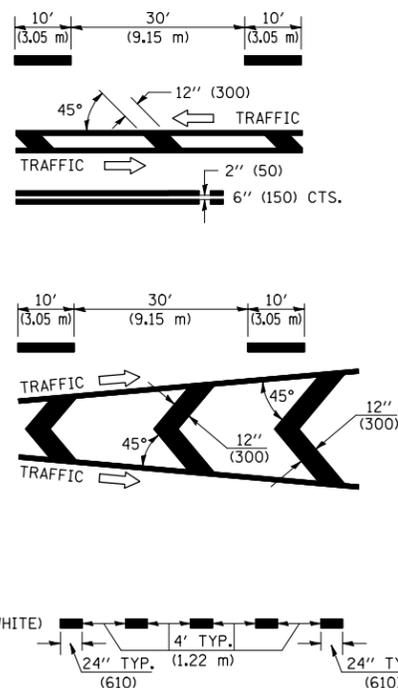
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



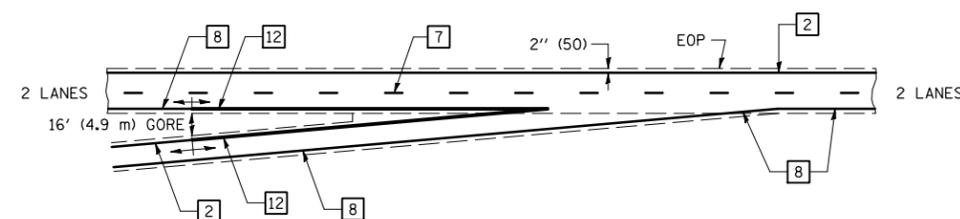
TYPICAL PAVEMENT MARKING LEGEND



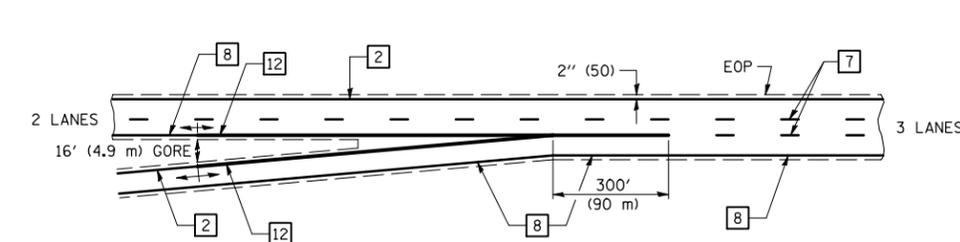
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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



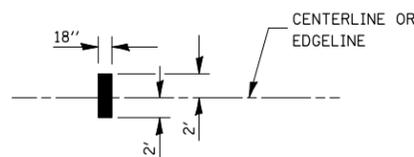
TYPICAL ENTRANCE RAMP TERMINAL



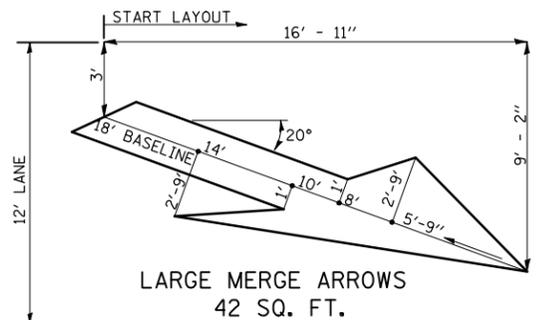
ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



AERIAL SPEED CHECK ZONES



•• DEWITT & PIATTT
••• F.A.I. 74 & F.A.P. 721

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

DISTRICT 5 DETAIL NO. 7800BBBB

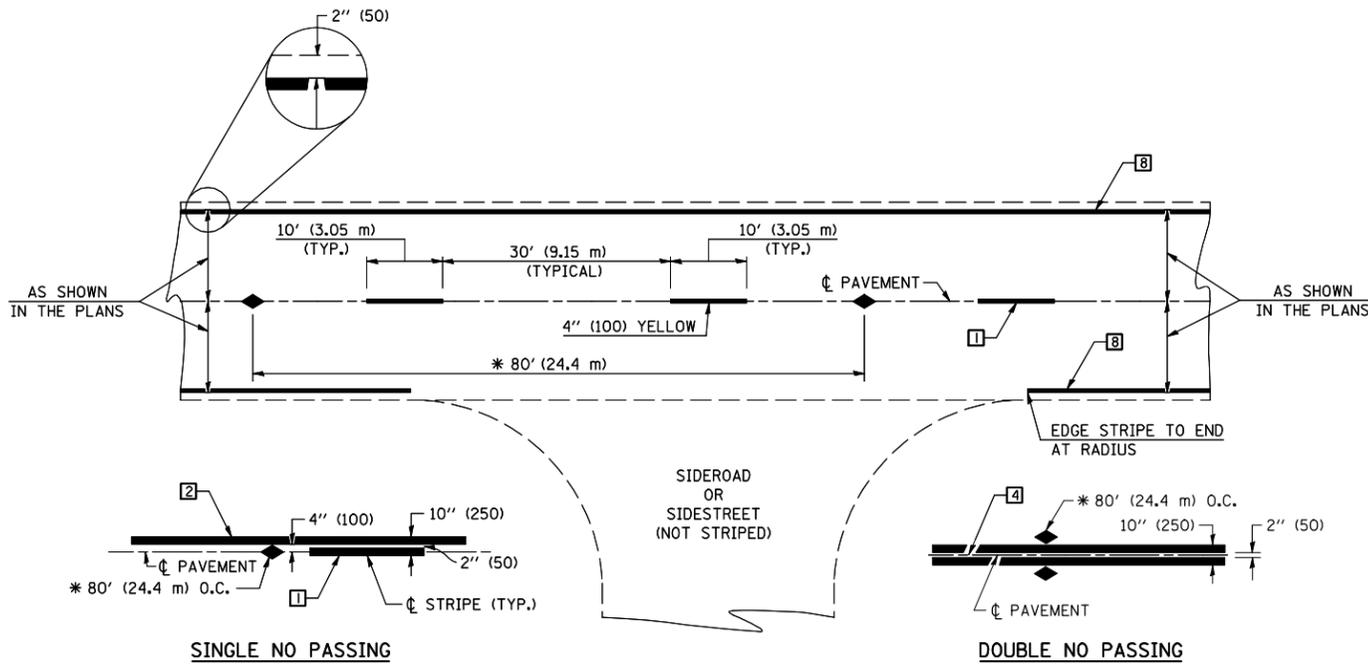
FILE NAME =	USER NAME = berganAJ	DESIGNED -	REVISED - 11/06
ct:\pw\work\p\dot\berganAJ\0243642\0570890-sht-details.CEL		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/13/2010		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•••	(74-2) & (113) I	••	15	11
CONTRACT NO. 70890				
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

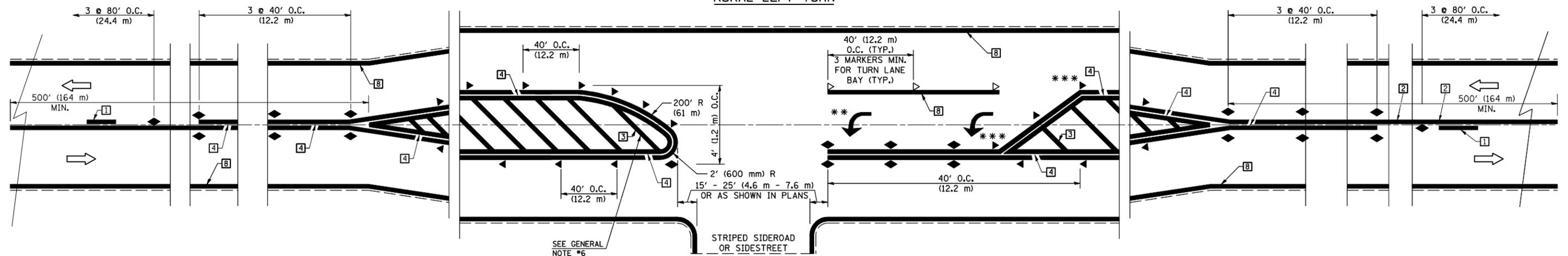
TYPICAL PAVEMENT MARKING LEGEND

- 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.

DEWITT & PIATTT
F.A.I. 74 & F.A.P. 721

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

DISTRICT 5 DETAIL NO. 7800AAA

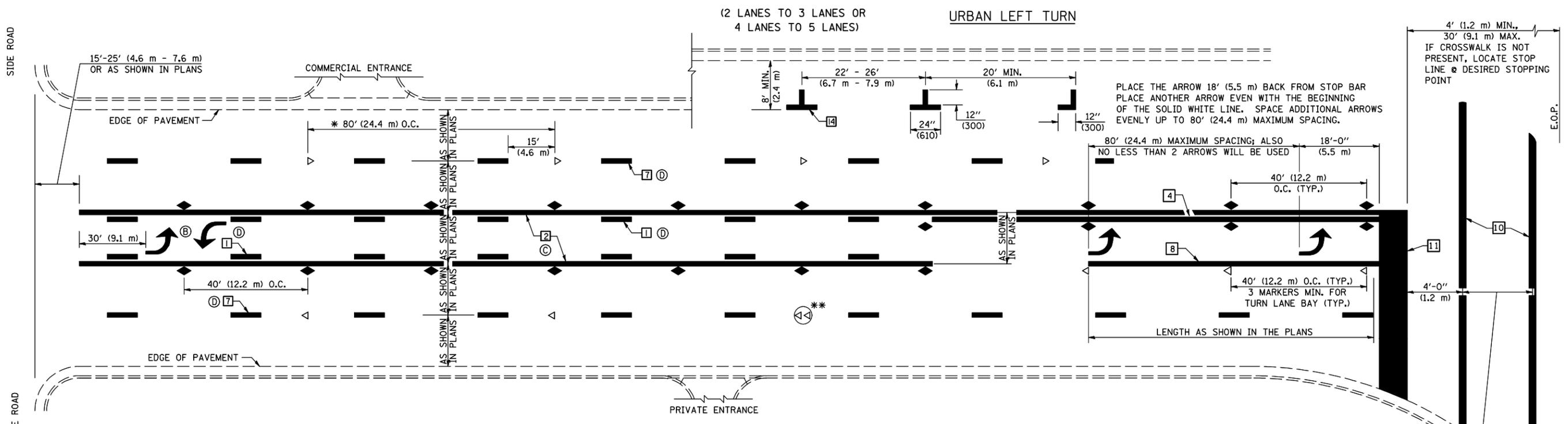
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/13/2010		DATE -	REVISED -

**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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
***	(74-2) & (113) I	**	15	12
CONTRACT NO. 70890				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

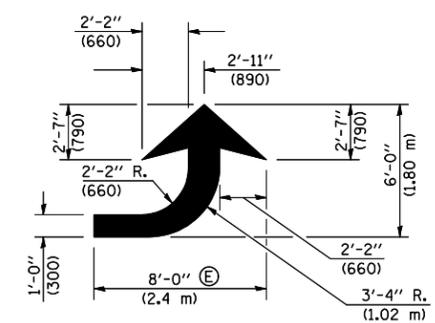


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

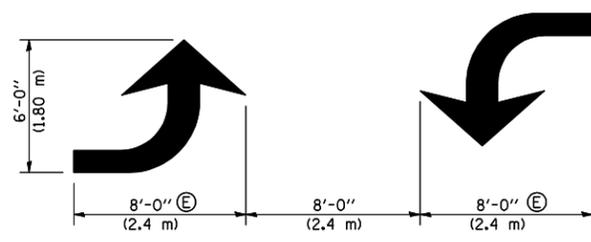
GENERAL NOTES:

- Ⓑ 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)



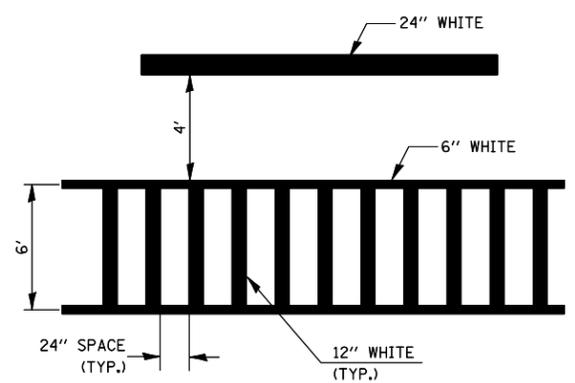
LEFT ARROW

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

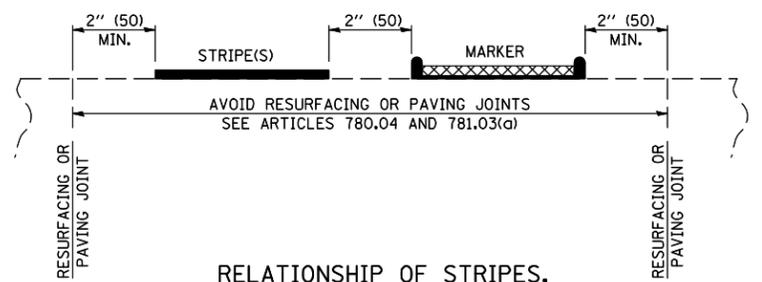


TYPICAL DOUBLE TURN ARROWS (WHITE)

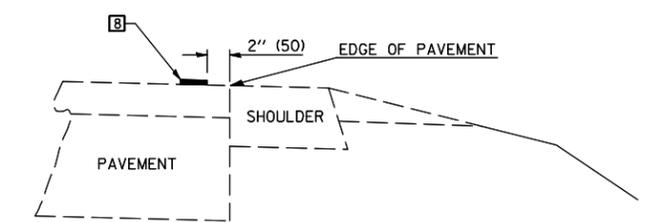
BLOOMINGTON-NORMAL CITY LIMITS ONLY



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

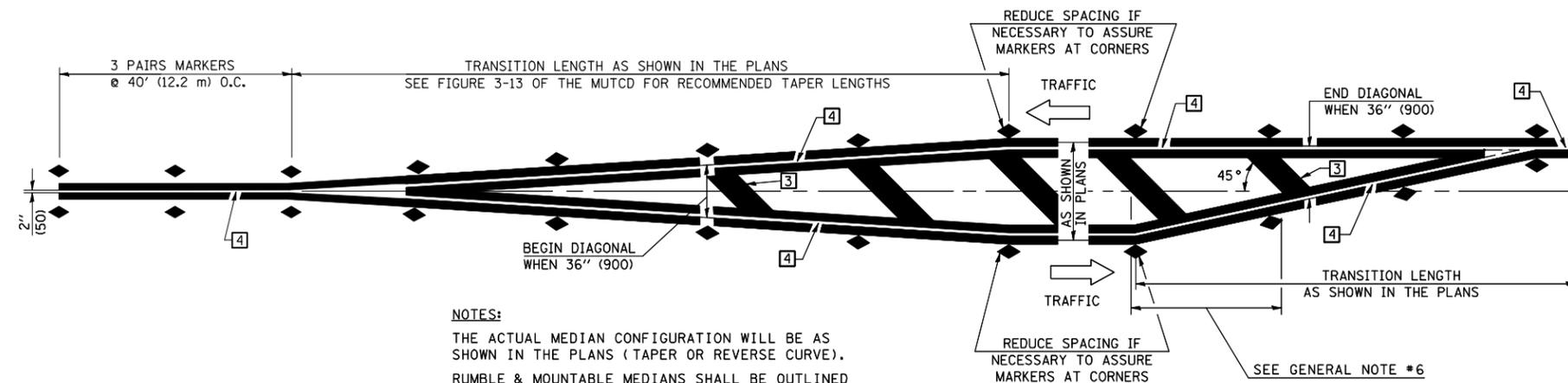
CROSSWALK WIDTH 6'-0" (1.8 m) OR AS SHOWN IN THE PLANS

** DEWITT & PIATTT
*** F.A.I. 74 & F.A.P. 721

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

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = berganAJ	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\pwwork\berganAJ\0243642\0570890-sht-details.CEL		DRAWN -	REVISED - 09/2009 - KJI			***	(74-2) & (113) I	**	15	13	
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70890					
PLOT DATE = 12/13/2010		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

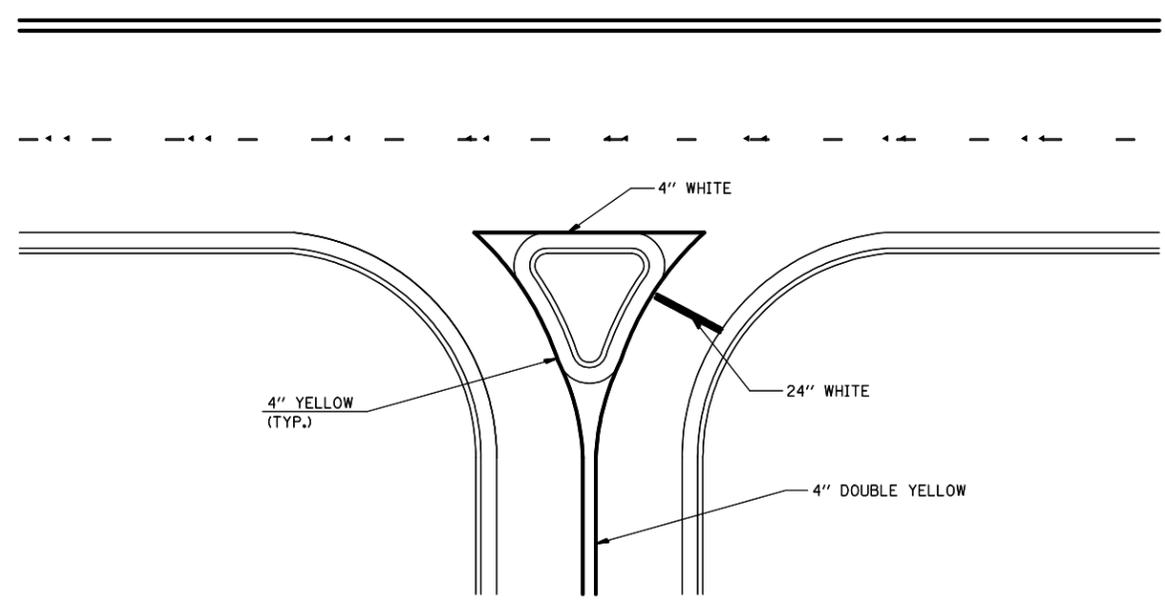


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

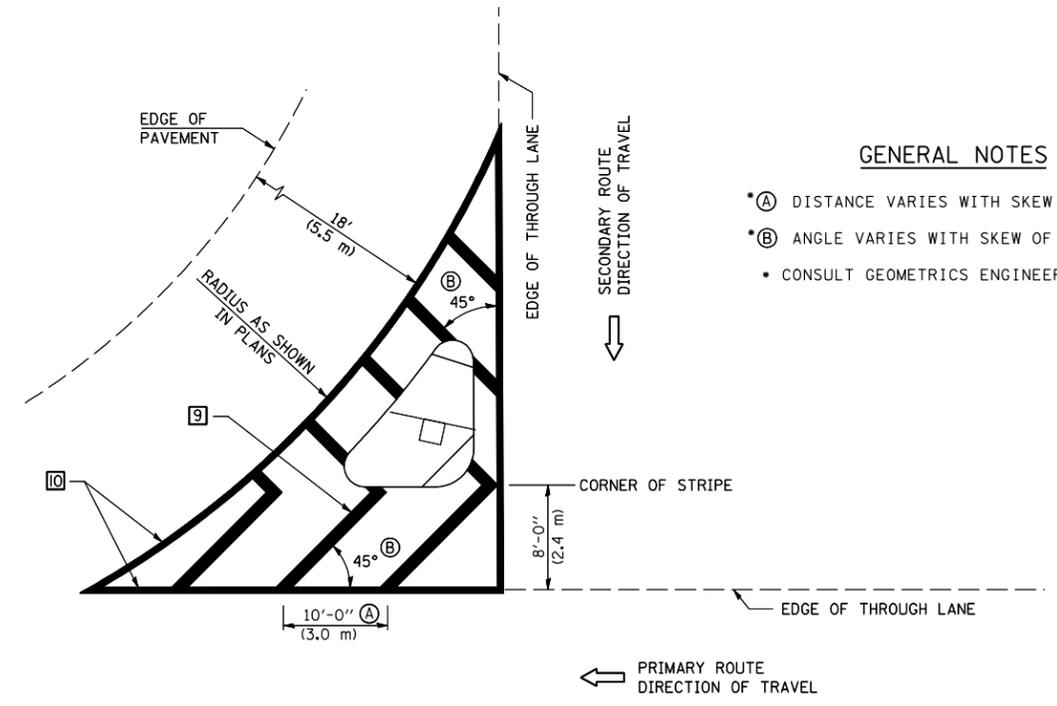
TYPICAL MEDIAN TRANSITIONS

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



ISLAND

GENERAL NOTES

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

•• DEWITT & PIATTT
 ••• F.A.I. 74 & F.A.P. 721

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

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = berganAJ	DESIGNED -	REVISED - 11/06
ct:\pw\work\p\dot\berganaj\0243642\0570890-sht-details.CEL		DRAWN -	REVISED - 09/2009 - KJI
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2010	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

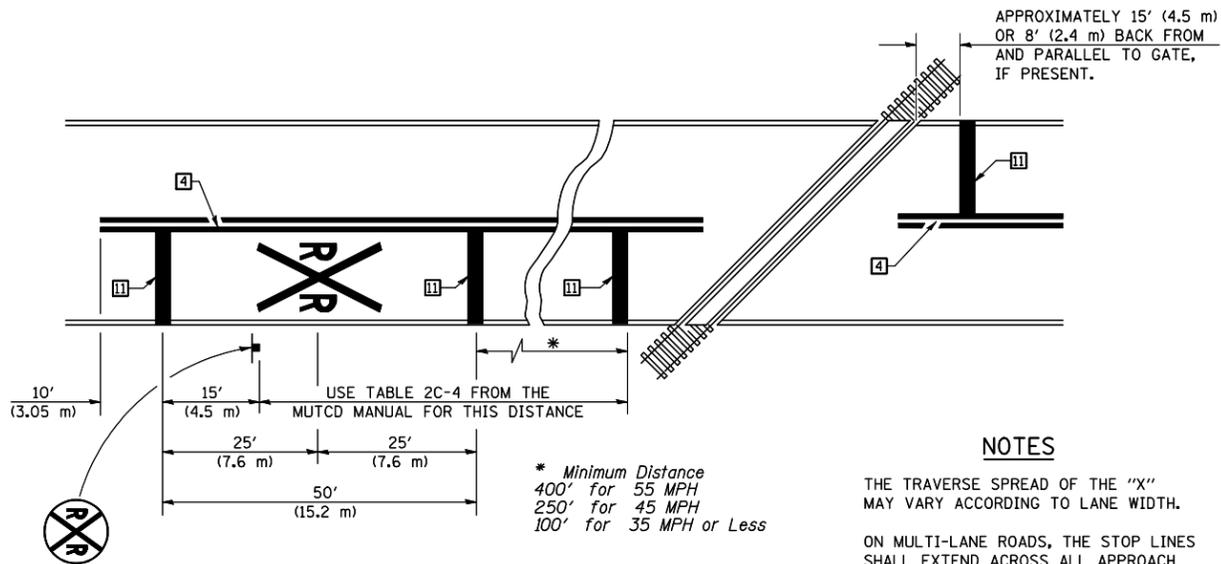
**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•••	(74-2) & (113) I	••	15	14
CONTRACT NO. 70890				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



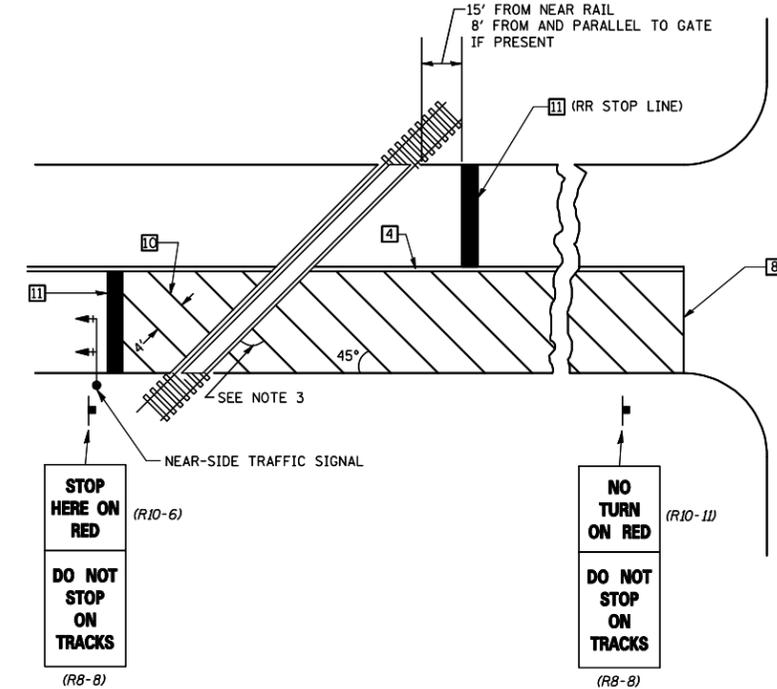
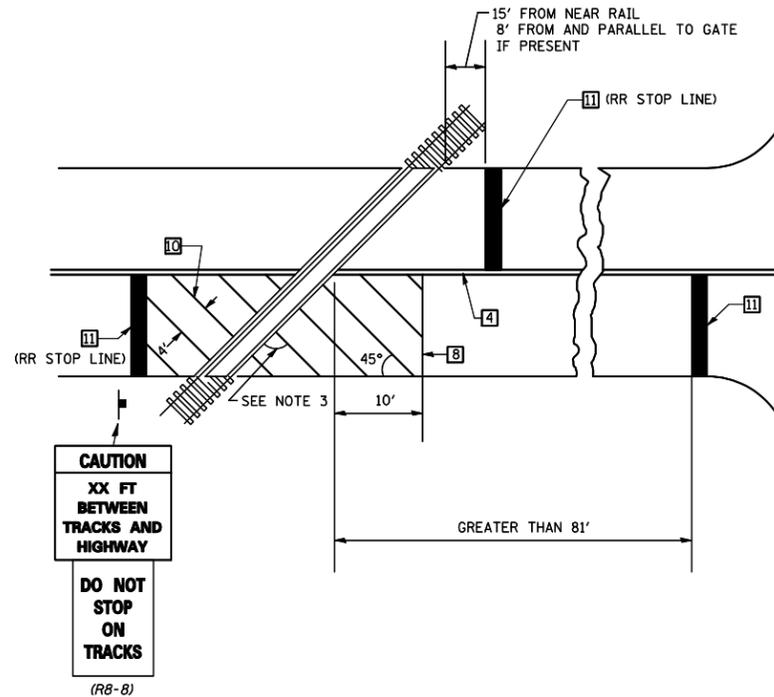
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

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.

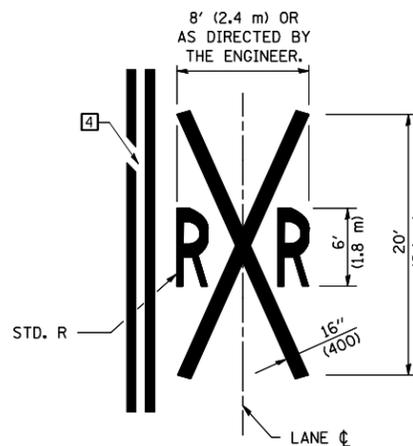
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



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.



•• DEWITT & PIATTT
••• F.A.I. 74 & F.A.P. 721

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

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = berganAJ	DESIGNED -	REVISED - 11/06
ct:\pw\work\p\dot\berganAJ\0243642\0570890-sht-details.CEL		DRAWN -	REVISED - 09/2009 - KJI
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2010	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. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•••	(74-2) & (113) I	••	15	15
CONTRACT NO. 70890				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				