

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

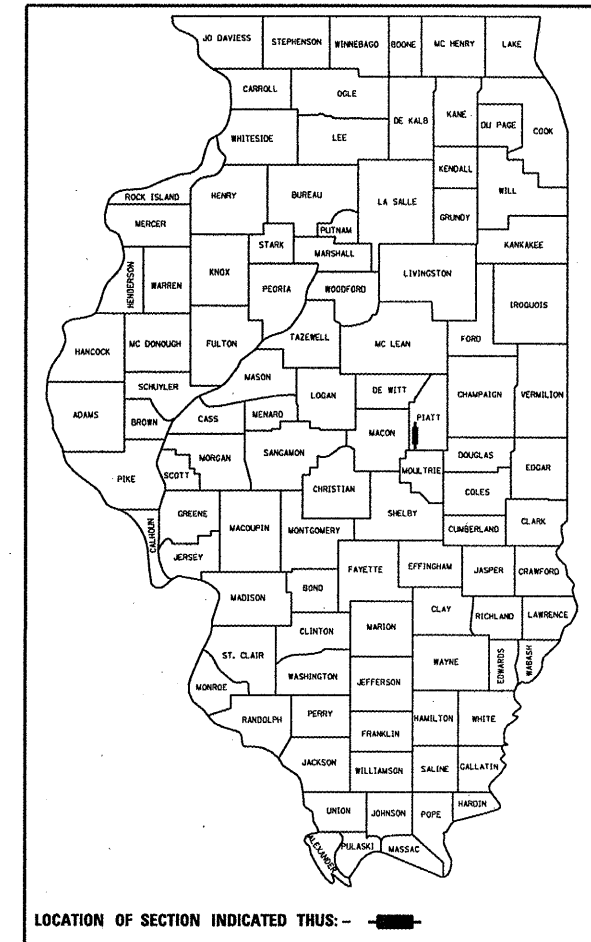
FAP ROUTES 760 & 758 (IL 32)
SECTION (M-15D, 27, 206, 205, 12-15D) Q
PIATT COUNTY
NCL OF CISCO TO NCL OF CERRO GORDO
AND IL 105 TO U.S. 36

C-95-060-06
MICROSURFACING

CONTRACT NO. 70543				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	PIATT	17	1

* 760 & 758
** PAVEMENT PRESERVATION 2006

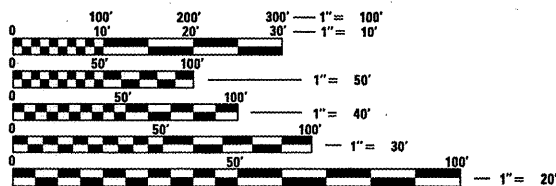
D-95-059-06



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

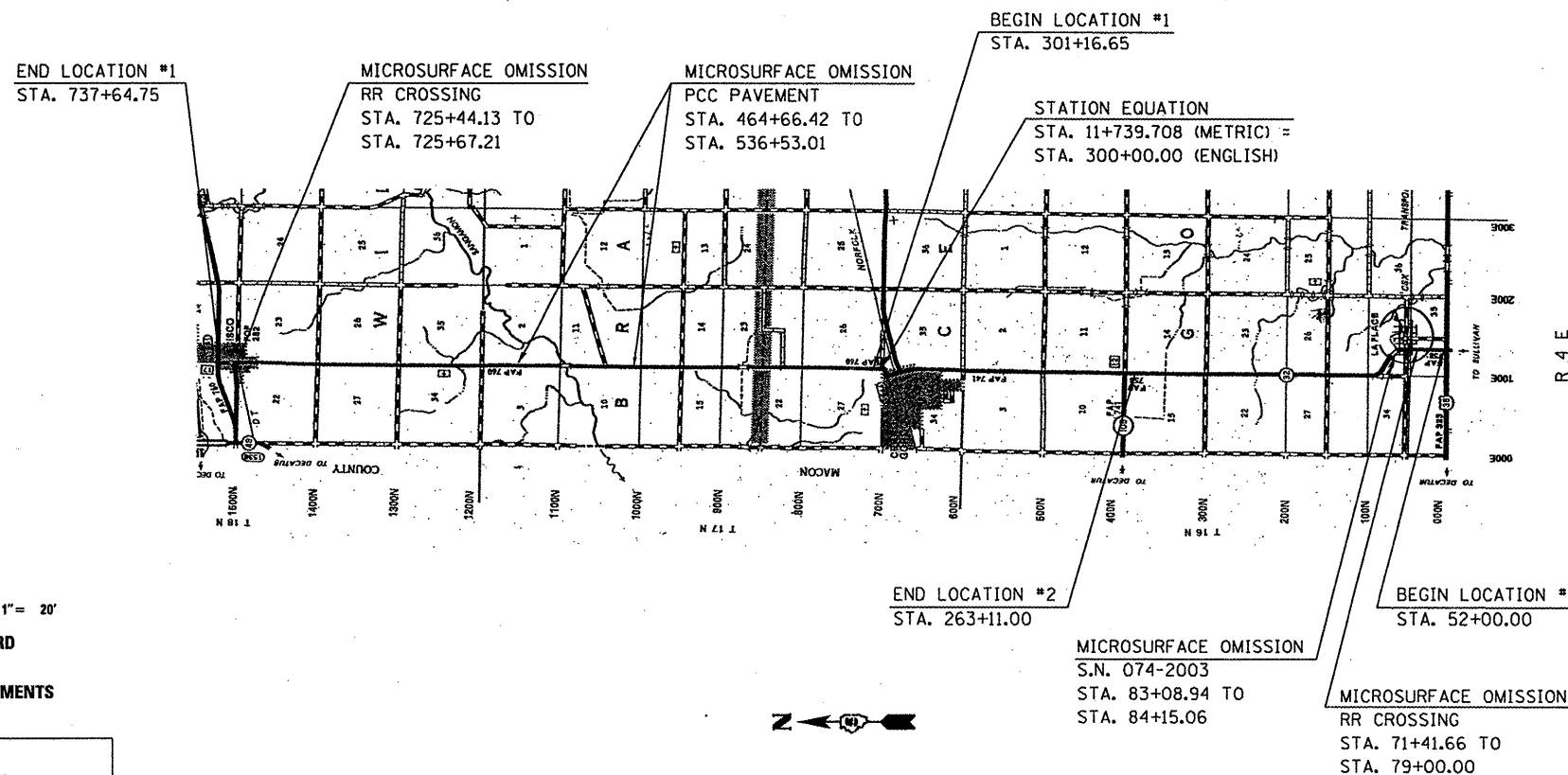
CURRENT ADT
1,550 (2005) SU %=10% MU %=18.5%

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 WILLOW, BRANCH & CERRO GORDO TOWNSHIPS



TOTAL LENGTH OF SECTION & PROJECT = 64,759.10 FEET = 12.265 MILES
NET LENGTH OF SECTION & PROJECT = 56,684.97 FEET = 10.736 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED *Memo 31 20 06*
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 12, 20 06
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT
May 12, 20 06
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

CONTRACT NO. 70543

DESIGNER: BRIAN J. HOGAN
 SQUAD LEADER: NANCY FASIG
 PROJECT ENGINEER: KENSIL GARNETT
 (217)465-4181
 PLOT DATE = 3/1/2006
 FILE NAME = c:\projects\0505906 (v8)\plan.dgn
 PLOT SCALE = 43.2335 / IN.
 USER NAME = plersobr

CONTRACT NO. 70543

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	PIATT	17	2

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

* 760 & 758
 ** PAVEMENT PRESERVATION 2006

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>ITEM</u>
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF HIGHWAY STANDARDS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5-8	EXISTING TYPICAL CROSS SECTIONS
9-12	PROPOSED TYPICAL CROSS SECTIONS
13	SCHEDULE OF QUANTITIES
14-17	TYPICAL APPLICATION OF PAVEMENT MARKINGS DETAIL

LIST OF STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS = 45 MPH
701311-02	LANE CLOSURE 2L, 2W, MOVING OPERATIONS DAY ONLY
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVMENT MARKINGS

PLOT DATE = 3/13/2006
 FILE NAME = c:\p06\p06s\4505906\148\plan.dgn
 PLOT SCALE = 43.2384 / IN.
 USER NAME = pliersonbr

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS & LIST OF STANDARDS

SCALE: NOT TO SCALE
 DATE: 02/28/06

DRAWN BY: B.B.P.
 CHECKED BY: B.J.H.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	PIATT	17	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 760 & 758				
** PAVEMENT PRESERVATION 2006				

GENERAL NOTES

G. N. -100
 ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G. N. -107.12
 THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:
 Mr. Eric Clements
 Operations manager
 Topflight Grain Company
 400 East Bodman Street
 Bement, IL 61813
 217-678-2261

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:
 Mr. Eric Clements
 Operations manager
 Topflight Grain Company
 400 East Bodman Street
 Bement, IL 61813
 217-678-2261

G. N. -107.12A SPL
 RAILROAD PROTECTIVE LIABILITY INSURANCE IS NOT INCLUDED FOR LOCATION 2. ALL MICROSURFACING OPERATIONS SHALL STOP AT OR BEFORE THE RAILROAD RIGHT-OF-WAY LINE. THE RAILROAD RIGHT-OF-WAY LINE SHALL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

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).

THE CONTRACTOR SHALL DEVISE AND SUBMIT A JOINT PLAN THAT MEETS THE APPROVAL OF THE ENGINEER.

NO COMMITMENTS

PLOT DATE = 3/1/2006
 FILE NAME = c:\projects\ad505906\vb\plan.dgn
 PLOT SCALE = 43.2355 / IN.
 USER NAME = dlersobr

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: NOT TO SCALE
 DATE: 02/28/06

DRAWN BY: B.B.P.
 CHECKED BY: E.J.H.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	PIATT	17	4

STA. TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* 760 & 758

** PAVEMENT PRESERVATION 2006

SUMMARY OF QUANTITIES

LOCATION OF WORK: COUNTY: PIATT
 FAP 760 & 758
 (IL 32)
 100% STATE
 RURAL
 TWO-LANE
 FOOD

CONSTRUCTION TYPE CODE:

CODE NO	ITEM	UNIT	TOTAL QUANTITY
44800100	MICRO-SURFACING, 1 PASS	SO YD	162,850.0
67100100	MOBILIZATION	L SUM	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0
70300100	SHORT-TERM PAVMENT MARKING	FOOT	5,680.0
70301000	WORK ZONE PAVMENT MARKING REMOVAL	SO FT	1,900.0
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	123.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	143,500.0
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	72.0
20048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0

* SPECIALTY ITEM

PLOT DATE = 2/15/2006
 FILE NAME = C:\pwork\es\6505906\p611\p611.dgn
 PLOT SCALE = 43.2354 / IN.
 USER NAME = plersonbr

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

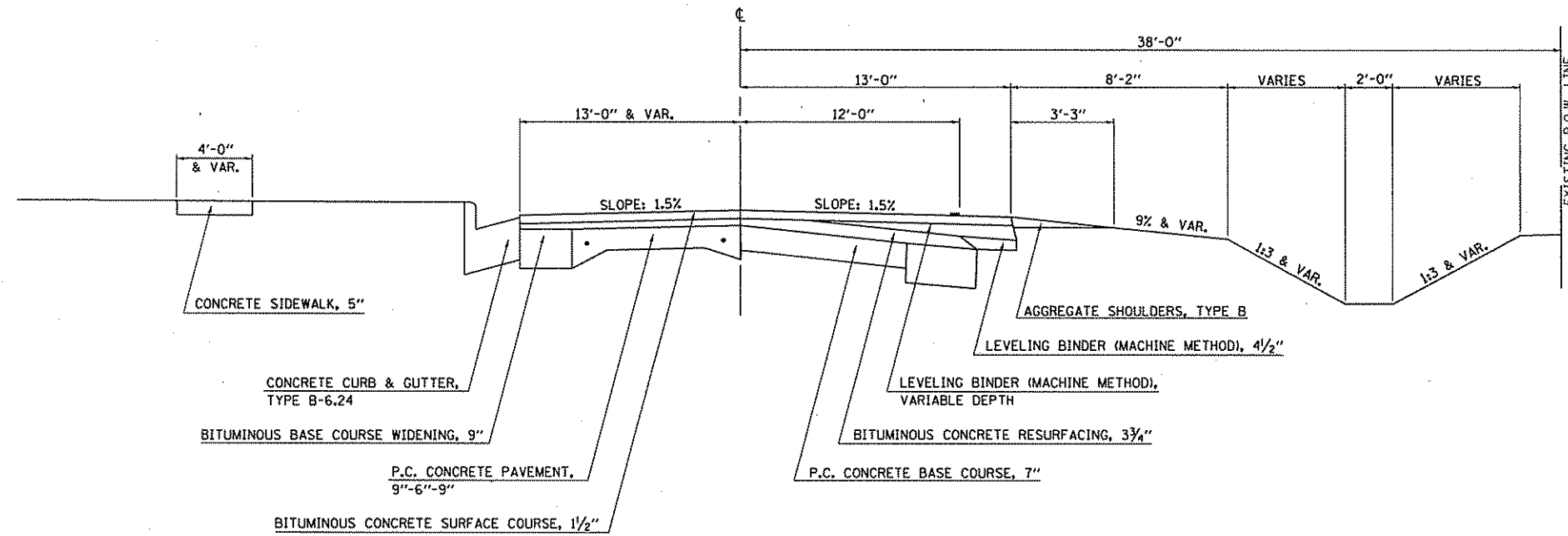
SCALE: NOT TO SCALE
 DATE: 02/28/06

DRAWN BY: B.B.P.
 CHECKED BY: B.L.H.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	PIATT	17	5
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		• 760 & 758		
		•• PAVEMENT PRESERVATION 2006		

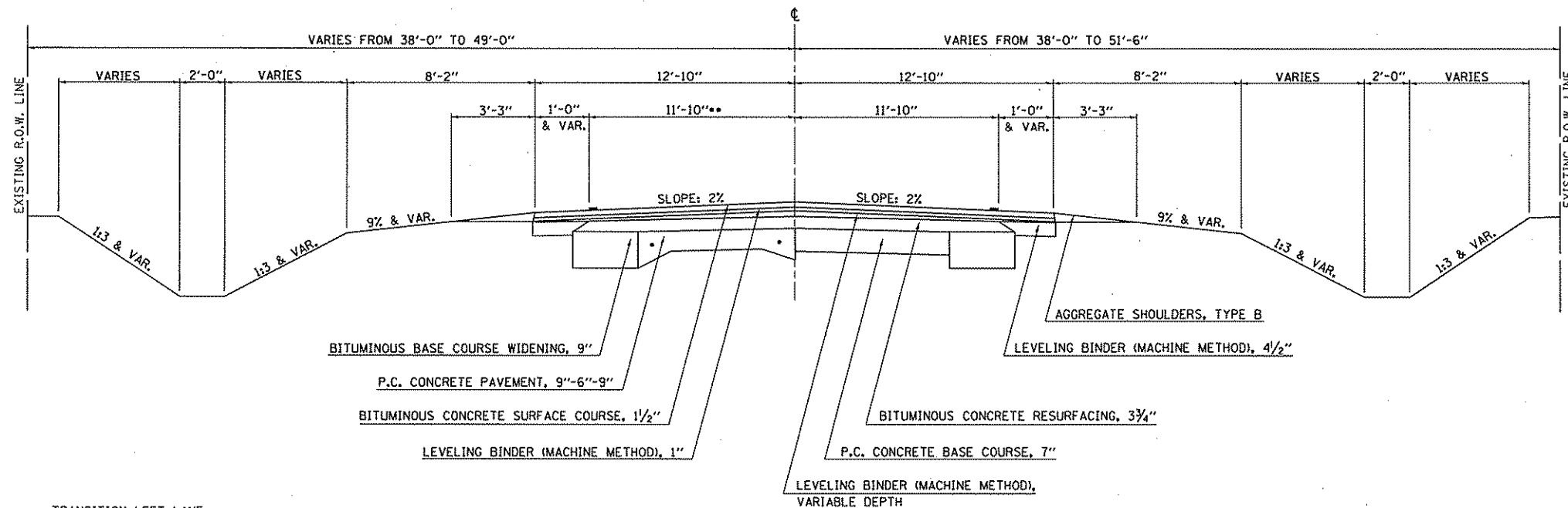
① EXISTING TYPICAL CROSS SECTION

LOCATION #1
STATION 301+16.65 TO STATION 304+74.76 ②



② EXISTING TYPICAL CROSS SECTION

LOCATION #1
① STATION 304+74.76 TO STATION 358+02.45 ③



••TRANSITION LEFT LANE
FROM 12'-10" AT STATION 305+04.30
TO 12'-0" AT STATION 305+54.16

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NOT TO SCALE
DATE: 02/28/06

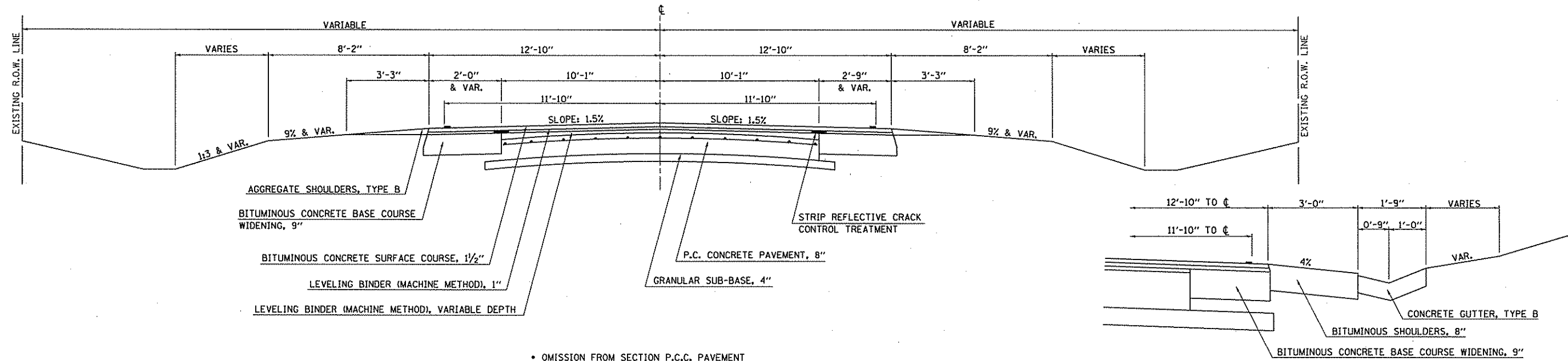
DRAWN BY: B.B.P.
CHECKED BY: B.J.H.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	PIATT	17	6
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* 760 & 758				
** PAVEMENT PRESERVATION 2006				

③ EXISTING TYPICAL CROSS SECTION

LOCATION #1

- ② STATION 358+02.45 TO STATION 464+66.42 *
- * STATION 536+53.01 TO STATION 550+95.75 ④
- ④ STATION 561+08.73 TO STATION 570+72.38 ④
- ④ STATION 580+76.94 TO STATION 619+84.06 ⑤



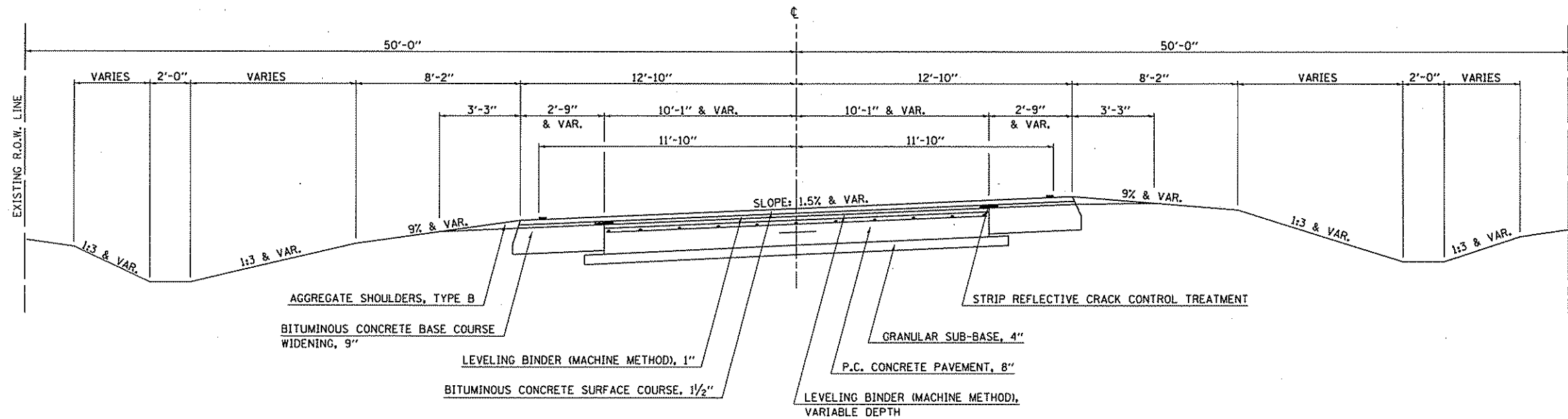
• OMISSION FROM SECTION P.C.C. PAVEMENT STATION 464+66.42 TO STATION 536+53.01

TYPICAL THRU GUTTER SECTIONS
LT. STA. 586+12.54 TO LT. STA. 589+19.03

④ EXISTING TYPICAL CROSS SECTION

LOCATION #1

- ③ STATION 550+95.75 TO STATION 561+08.73 ③
- ③ STATION 570+72.38 TO STATION 580+76.94 ③



ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NOT TO SCALE
DATE: 02/28/06

DRAWN BY: B.B.P.
CHECKED BY: B.J.H.

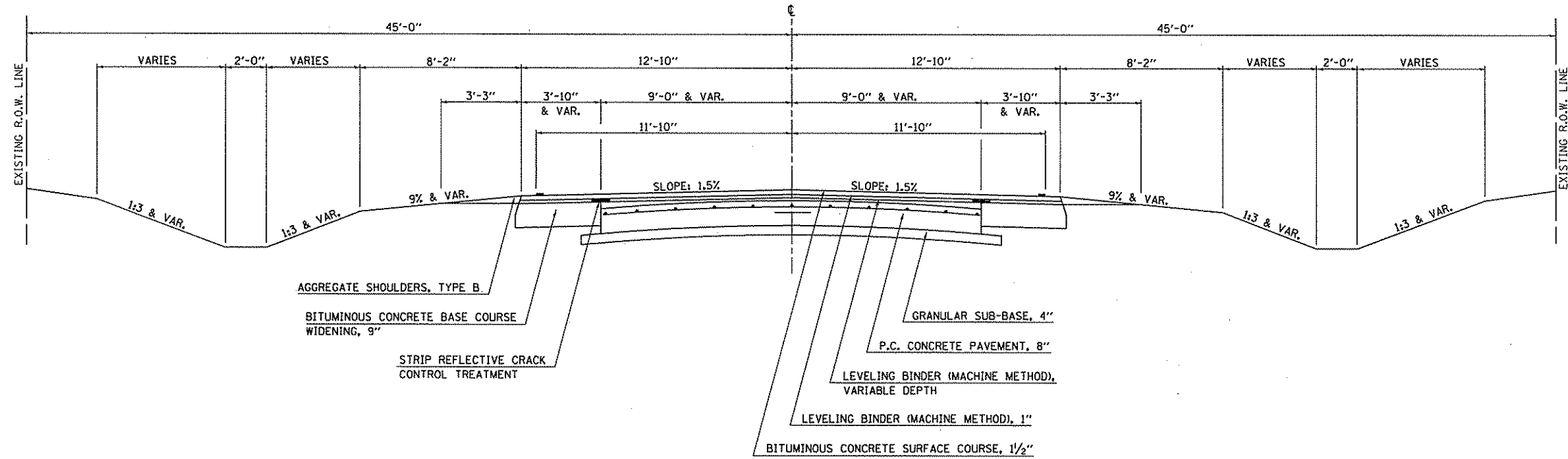
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-	**	PIATT	17	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 760 & 758
 •• PAVEMENT PRESERVATION 2006

⑤ EXISTING TYPICAL CROSS SECTION

LOCATION #1

③ STATION 619+84.06 TO STATION 711+00.79 ⑥

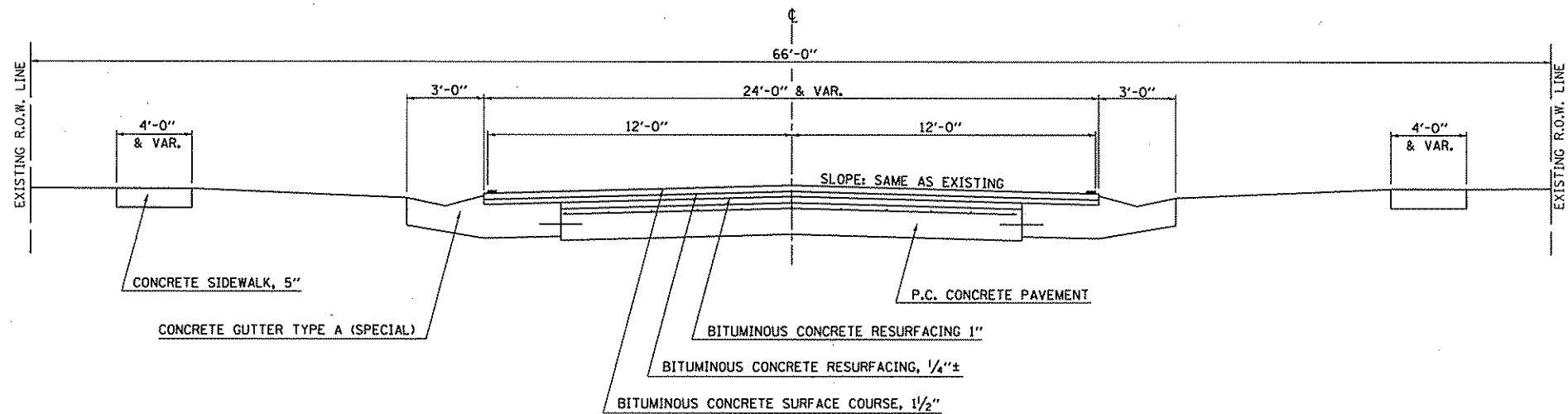


⑥ EXISTING TYPICAL CROSS SECTION

LOCATION #1

⑤ STATION 711+00.79 TO STATION 725+44.13 *
 * STATION 725+67.21 TO STATION 737+64.75

*OMISSION FROM RESURFACING:
 RAILROAD CROSSING
 STATION 725+44.13 TO STATION 725+67.21



PLOT DATE = 3/13/2006
 FILE NAME = c:\projects\70543\plan.dgn
 PLOT SCALE = 43.2354 / IN.
 USER NAME = plersonbr

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NOT TO SCALE
 DATE: 02/28/06

DRAWN BY: B.B.P.
 CHECKED BY: B.J.H.

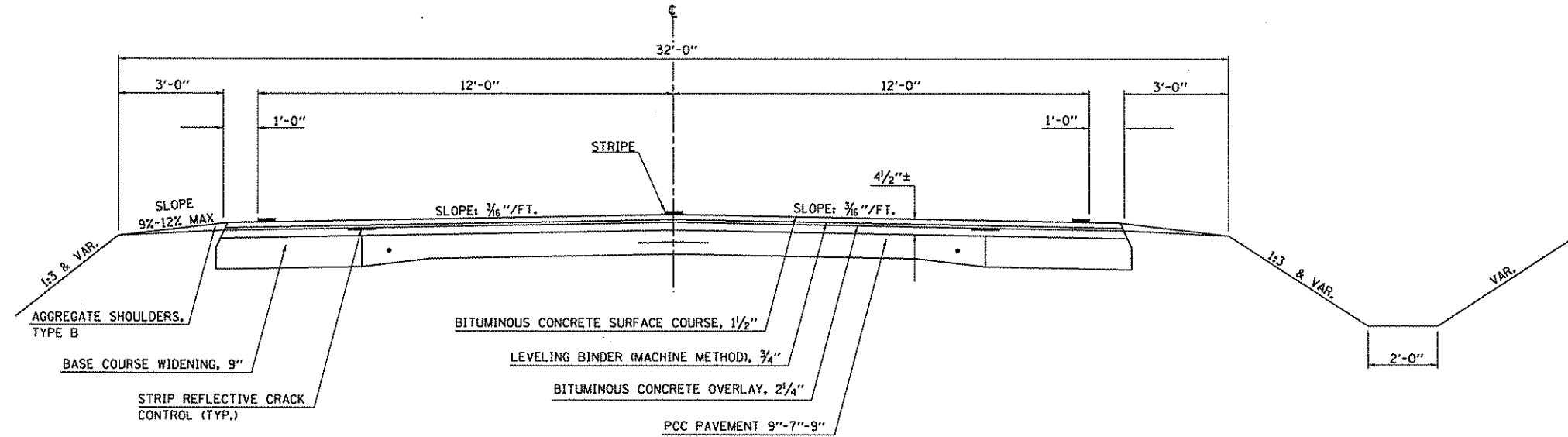
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*	**	PIATT	17	8
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• 760 & 758				
** PAVEMENT PRESERVATION 2006				

⑦ EXISTING TYPICAL CROSS SECTION

LOCATION #2

- STATION 52+00.00 TO STATION 77+40.72 ⑧
- ⑧ STATION 89+56.75 TO STATION 97+70.64 ⑧
- ⑧ STATION 111+00.18 TO STATION 263+11.00

OMISSION FROM RESURFACING:
RAILROAD CROSSING
STATION 71+41.66 TO STATION 79+00.00

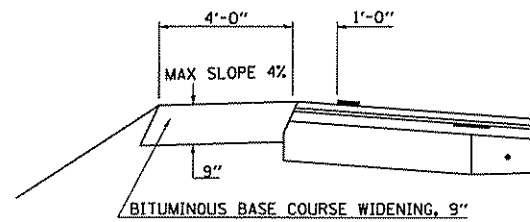


⑧ EXISTING TYPICAL CROSS SECTION

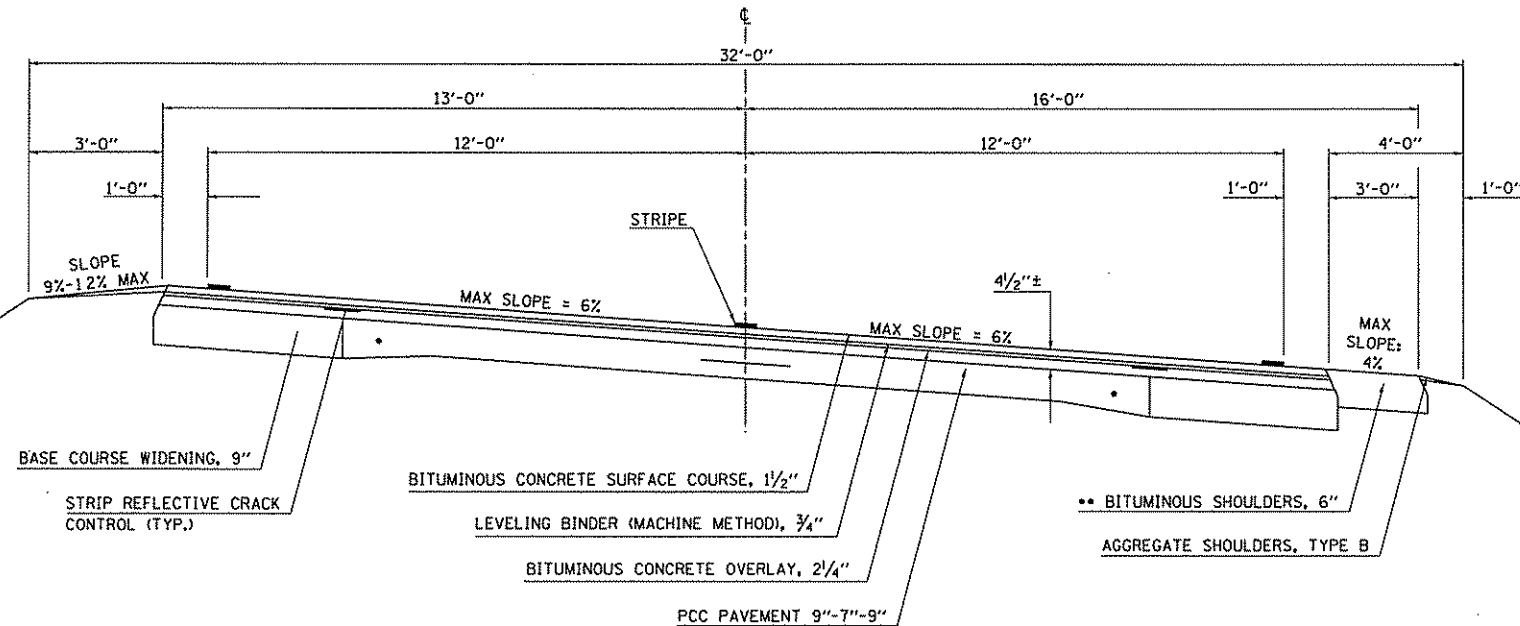
LOCATION #2

- ⑦ STATION 77+40.72 TO STATION 89+56.75 ⑦
- ⑦ STATION 97+70.64 TO STATION 111+00.18 ⑦

OMISSION FROM RESURFACING:
STRUCTURE NUMBER: 074-2003
STATION 83+08.94 TO STATION 84+15.06



STATION	TO	STATION
LT. 81+65		83+43
LT. 84+91		86+59
RT. 80+44		83+43
RT. 84+91		86+29



•• BITUMINOUS SHOULDERS, 6"

STATION	TO	STATION
LT. 77+40.72		81+65.00
LT. 86+59.00		89+56.75
RT. 97+70.64		111+00.18

PLOT DATE = 3/1/2006
FILE NAME = c:\projects\4505906\vb\plan.dgn
PLOT SCALE = 43.2955' / IN.
USER NAME = plbrsonbr

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

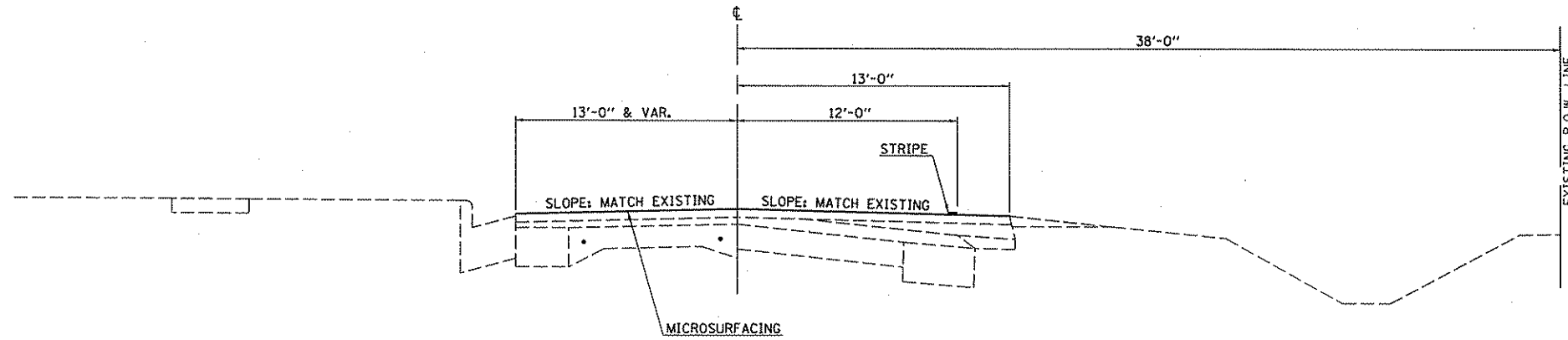
SCALE: NOT TO SCALE
DATE: 02/28/06

DRAWN BY: B.B.P.
CHECKED BY: B.J.H.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	PIATT	17	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		• 760 & 758		
		•• PAVEMENT PRESERVATION 2006		

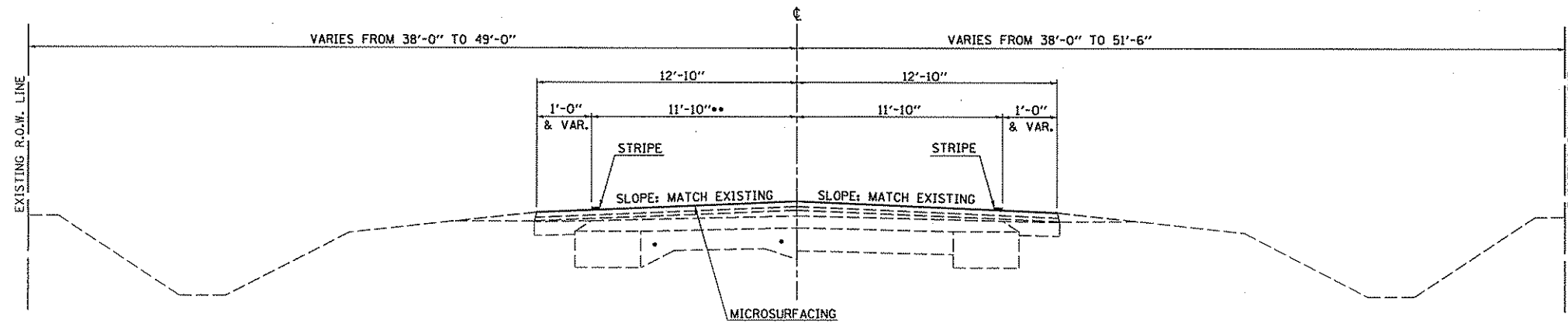
① PROPOSED TYPICAL CROSS SECTION

LOCATION #1
STATION 301+16.65 TO STATION 304+74.76 ②



② PROPOSED TYPICAL CROSS SECTION

LOCATION #1
① STATION 304+74.76 TO STATION 358+02.45 ③



**TRANSITION LEFT LANE
FROM 12'-10" AT STATION 305+04.30
TO 12'-0" AT STATION 305+54.16

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NOT TO SCALE
DATE: 02/28/06

DRAWN BY: B.B.P.
CHECKED BY: B.J.H.

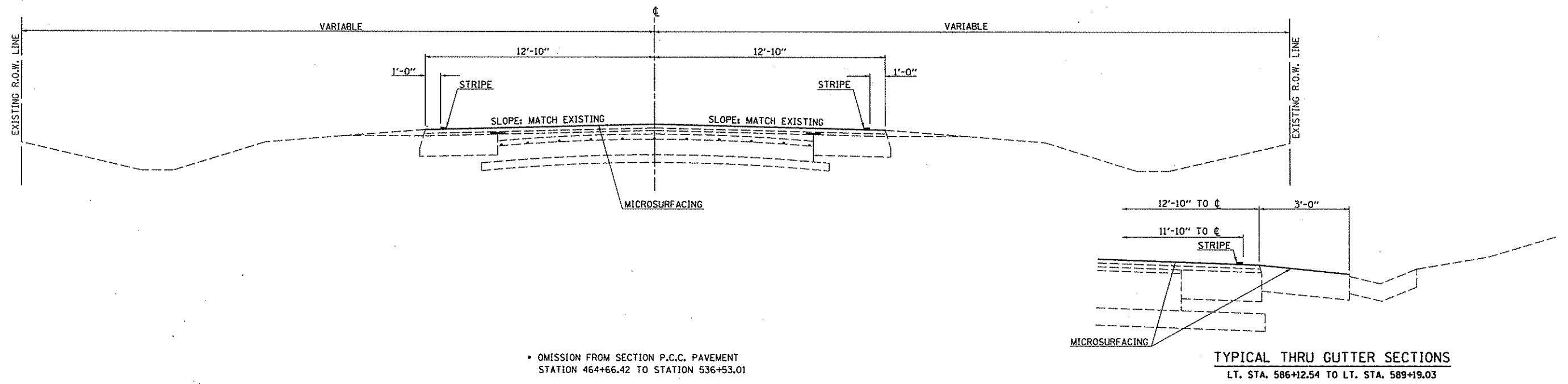
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*	**	PIATT	17	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 760 & 758
 ** PAVEMENT PRESERVATION 2006

③ PROPOSED TYPICAL CROSS SECTION

LOCATION #1

- ② STATION 358+02.45 TO STATION 464+66.42 *
- * STATION 536+53.01 TO STATION 550+95.75 ④
- ④ STATION 561+08.73 TO STATION 570+72.38 ④
- ④ STATION 580+76.94 TO STATION 619+84.06 ⑤



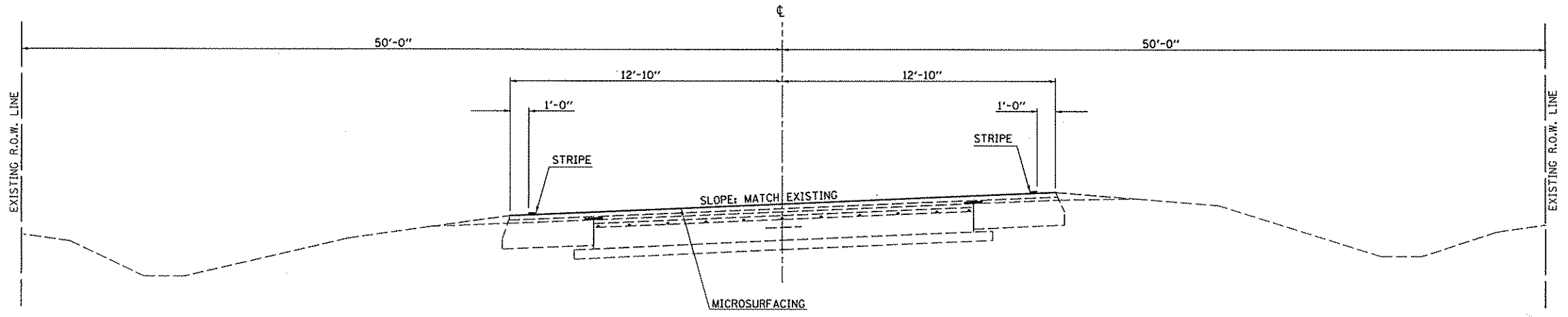
• OMISSION FROM SECTION P.C.C. PAVEMENT
 STATION 464+66.42 TO STATION 536+53.01

TYPICAL THRU GUTTER SECTIONS
 LT. STA. 586+12.54 TO LT. STA. 589+19.03

④ PROPOSED TYPICAL CROSS SECTION

LOCATION #1

- ③ STATION 550+95.75 TO STATION 561+08.73 ③
- ③ STATION 570+72.38 TO STATION 580+76.94 ③



PLOT DATE = 3/1/2006
 FILE NAME = c:\projects\0505906 (v8)\plan.dgn
 PLOT SCALE = 43.2354 / IN.
 USER NAME = dlrsonbr

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NOT TO SCALE
 DATE: 02/28/06
 DRAWN BY: B.B.P.
 CHECKED BY: B.J.H.

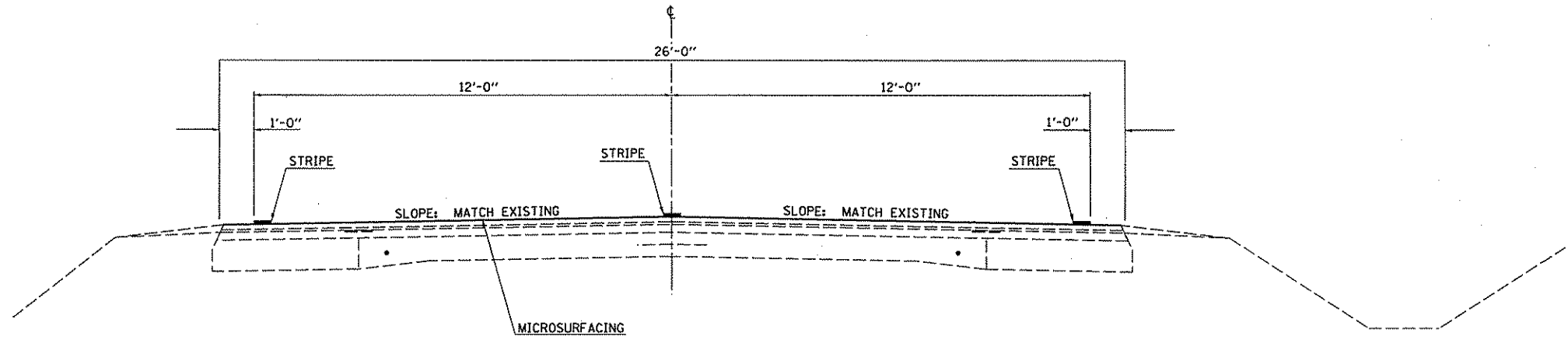
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	PIATT	17	12
STA. TO STA.		FED. AID PROJECT		
FED. ROAD DIST. NO.		ILLINOIS		
		• 760 & 758		
		•• PAVEMENT PRESERVATION 2006		

⑦ PROPOSED TYPICAL CROSS SECTION

LOCATION #2

- STATION 52+00.00 TO STATION 77+40.72 ⑧
- ⑧ STATION 89+56.75 TO STATION 97+70.64 ⑧
- ⑧ STATION 111+00.18 TO STATION 263+11.00

OMISSION FROM RESURFACING:
RAILROAD CROSSING
STATION 71+41.66 TO STATION 79+00.00

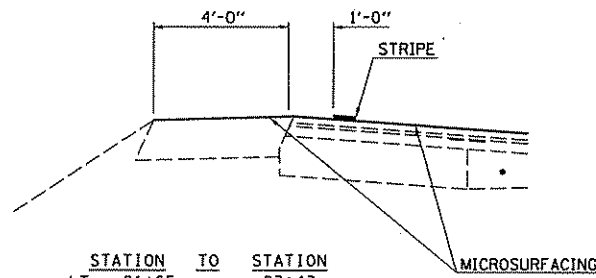


⑧ PROPOSED TYPICAL CROSS SECTION

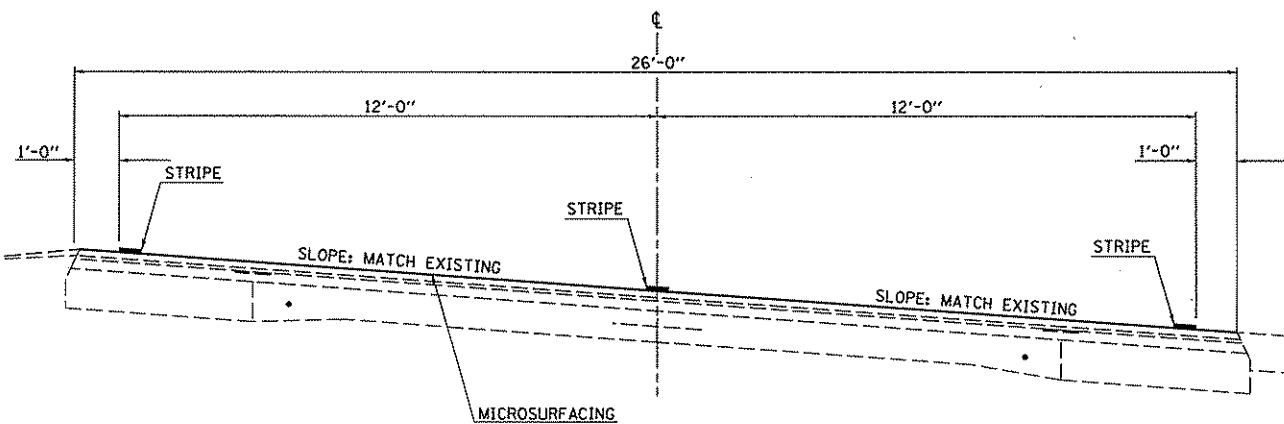
LOCATION #2

- ⑦ STATION 77+40.72 TO STATION 89+56.75 ⑦
- ⑦ STATION 97+70.64 TO STATION 111+00.18 ⑦

OMISSION FROM RESURFACING:
STRUCTURE NUMBER: 074-2003
STATION 83+08.94 TO STATION 84+15.06



STATION	TO	STATION
LT. 81+65		83+43
LT. 84+91		86+59
RT. 80+44		83+43
RT. 84+91		86+29



•• BITUMINOUS SHOULDERS, 6"

	STATION	TO	STATION
LT.	77+40.72		81+65.00
LT.	86+59.00		89+56.75
RT.	97+70.64		111+00.18

PLOT DATE = 3/1/2006
FILE NAME = c:\projects\4505306\lv81\plan.dgn
PLOT SCALE = 43.2354' / IN.
USER NAME = pler-boonbr

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NOT TO SCALE
DATE: 02/28/06

DRAWN BY: B.B.P.
CHECKED BY: B.J.H.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	PIATT	17	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 760 & 758				
** PAVEMENT PRESERVATION 2006				

SCHEDULE OF QUANTITIES

44800100 MICROSURFACING, 1 PASS •

LOCATION 1

LT/RT	STA	TO	STA	WIDTH FT	LENGTH FT	AREA SQ YD
LT&RT	301+16.65	TO	304+74.76	26.0	358.1	1034.6
LT&RT	304+74.76	TO	464+66.42	25.6	15991.7	45487.4
LT&RT	536+53.01	TO	711+00.79	25.6	17447.8	49629.3
LT&RT	711+00.79	TO	725+44.13	24.0	1443.3	3848.9
LT&RT	725+67.21	TO	737+64.75	24.0	1197.5	3193.5
LT	586+12.54	TO	589+19.03	3.0	306.5	102.2

LOCATION 1 TOTAL = 103,295.7

LOCATION 2

LT/RT	STA	TO	STA	WIDTH FT	LENGTH FT	AREA SQ YD
LT&RT	52+00.00	TO	71+41.66	26.0	1941.66	5609.2
LT&RT	79+00.00	TO	83+08.94	26.0	408.94	1181.4
LT&RT	84+15.06	TO	263+11.00	26.0	17895.94	51699.4
LT	77+40.72	TO	81+65.00	3.0	424.28	141.4
LT	81+65.00	TO	83+43.00	4.0	178.00	79.1
LT	84+91.00	TO	86+59.00	4.0	168.00	74.7
RT	80+44.00	TO	83+43.00	4.0	299.00	132.9
RT	84+91.00	TO	86+29.00	4.0	138.00	61.3
LT	86+59.00	TO	89+56.75	3.0	297.75	99.3
RT	97+70.64	TO	111+00.18	3.0	1329.54	443.2

LOCATION 2 TOTAL = 59,521.9

• APPLICATION RATE = 20 LB/SQ YD
(11 KG/M²)

GRAND TOTAL = 162,817.6 SQ YD

USE 162,850.0 SQ YD

78001110 PAINT PAVEMENT MARKING - LINE 4"

NO PASSING ZONE STRIPING

LOCATION 1

FROM FIELD SURVEY
NB = 4,657 FEET
SB = 5,653 FEET

LOCATION 2

NB/SB	STA	TO	STA	LENGTH FT
SB	52+00.00	TO	58+00.00	600.0
NB	79+00.00	TO	89+50.00	1050.0
SB	79+00.00	TO	91+00.00	1200.0
NB	97+50.00	TO	109+60.00	1210.0
SB	99+10.00	TO	113+50.00	1440.0

LOCATION 2 TOTAL = 5,500.0 FEET

LOCATION 1 TOTAL = 10,310.0 FEET

GRAND TOTAL = 15,810.0 FEET

78001180 PAINT PAVEMENT MARKING - LINE 24"

LOCATION 1
RR STRIPING

6 @ 12' = 72 FEET

78001100 PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS

LOCATION 1

TYPE	SQ FT	NUMBER	TOTAL SQ FT
RAILROAD R	3.6	4	14.4
RAILROAD X	54.0	2	108.0
TOTAL =			122.4 SQ FT
USE			123.0 SQ FT

PLOT DATE = 3/1/2006
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 PLOT SCALE = 43.2355' / IN.
 USER NAME = plr-sombf

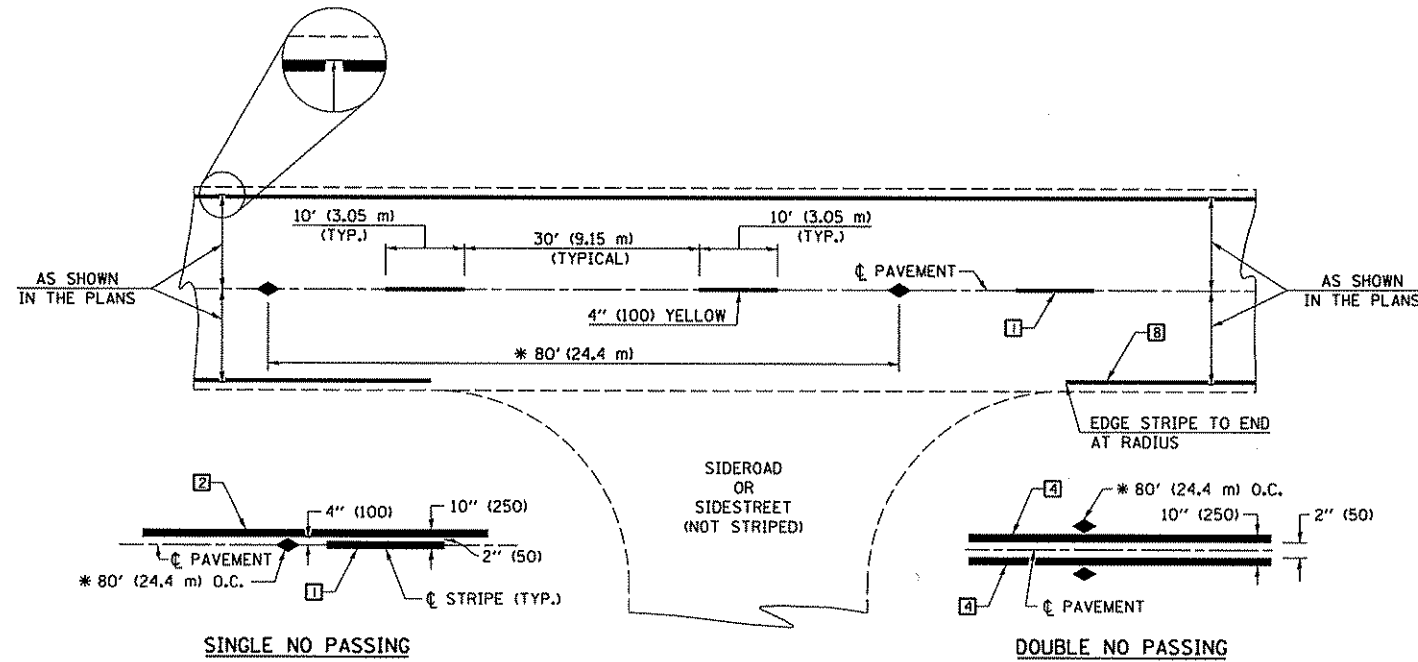
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NOT TO SCALE
DATE: 02/28/06

DRAWN BY: B.S.P.
CHECKED BY: B.J.H.

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



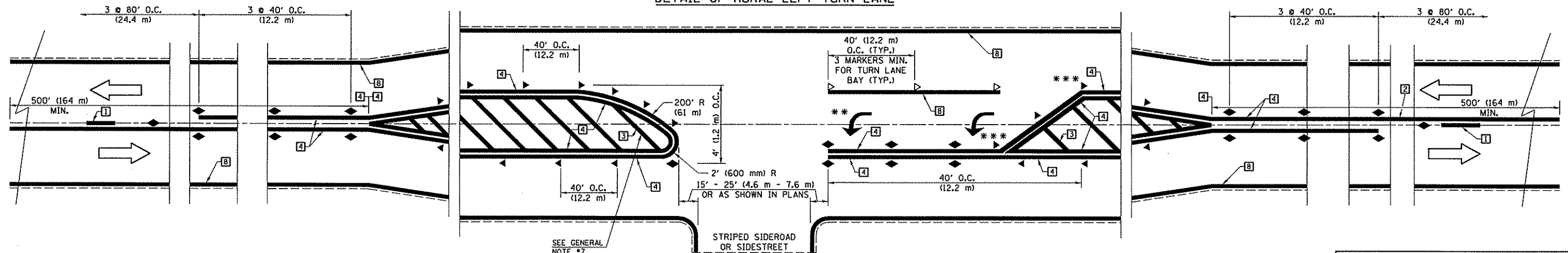
TYPICAL PAVEMENT MARKING LEGEND

- 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) CROSS WALK (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

DETAIL OF RURAL LEFT TURN LANE



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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS DETAIL

DATE: 02/28/06

PLOT DATE = 3/1/2006
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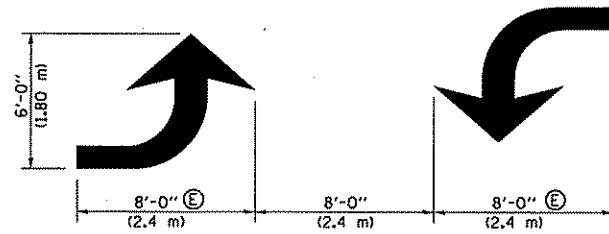
SHEET 1 OF 4

DESIGNED	NAME	DATE	REVISIONS	DATE
J.M.H.	J.M.H.	5/85		
CHECKED	FMS	6/85		
CADD NO.	F-5,25	6/88		
			GEOMETRICS/K.A.G.	07/02
			K.A.G.	09/05

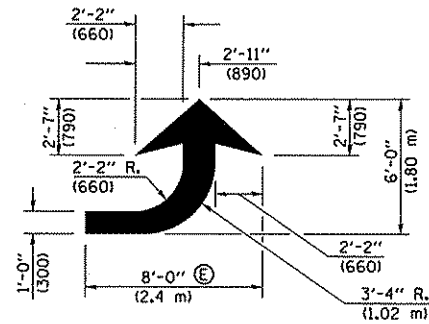
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	PIATT	17	16

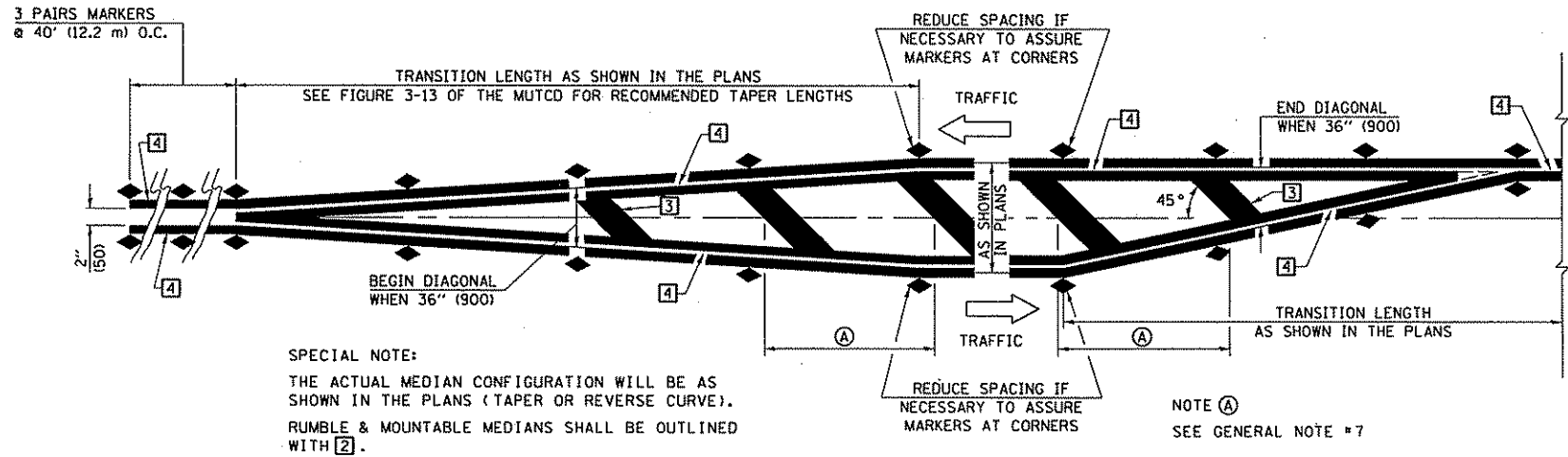
TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



TYPICAL DOUBLE TURN ARROWS (WHITE)



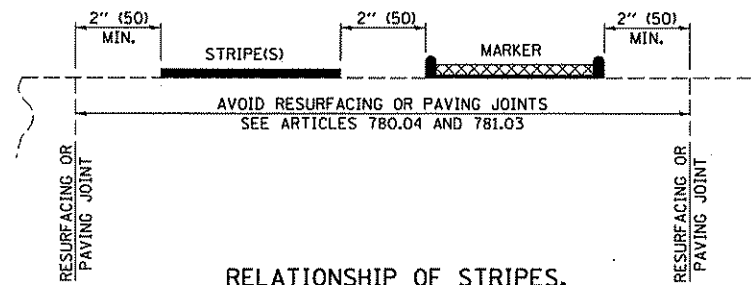
LEFT ARROW
 REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m²)
 (WHITE)



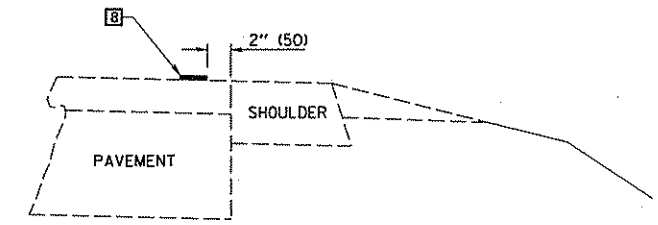
SPECIAL NOTE:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

NOTE (A)
 SEE GENERAL NOTE # 7

TYPICAL MEDIAN TRANSITIONS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RELATIONSHIP OF EDGE STRIPE TO SAFETY SHOULDER OR PAVED SURFACE

SPECIAL NOTES:

- (B) 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.
- (C) 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.
- (D) 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.
- (E) TURN ARROW SIZE DEPENDS ON THE LOCATION.
 RURAL LOCATION - LARGE ARROW SIZE
 URBAN LOCATION - SMALL ARROW SIZE

GENERAL NOTES

- 1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
- 2. SCALE: NONE
- 3. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
- 4. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
- 5. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
- 6. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
- 7. 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)

PLOT DATE = 3/1/2006
 FILE NAME = c:\projects\505906\w81\plan.dgn
 PLOT SCALE = 43.2355' / IN.
 USER NAME = plersonbr

SHEET 3 OF 4

DESIGNED	NAME	DATE	REVISIONS	DATE
J.M.H.	J.M.H.	5/85		
CHECKED	FMS	6/88		
CADD NO.	F-5.25		GEOMETRICS/K.A.G.	07/02
			K.A.G.	09/05

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

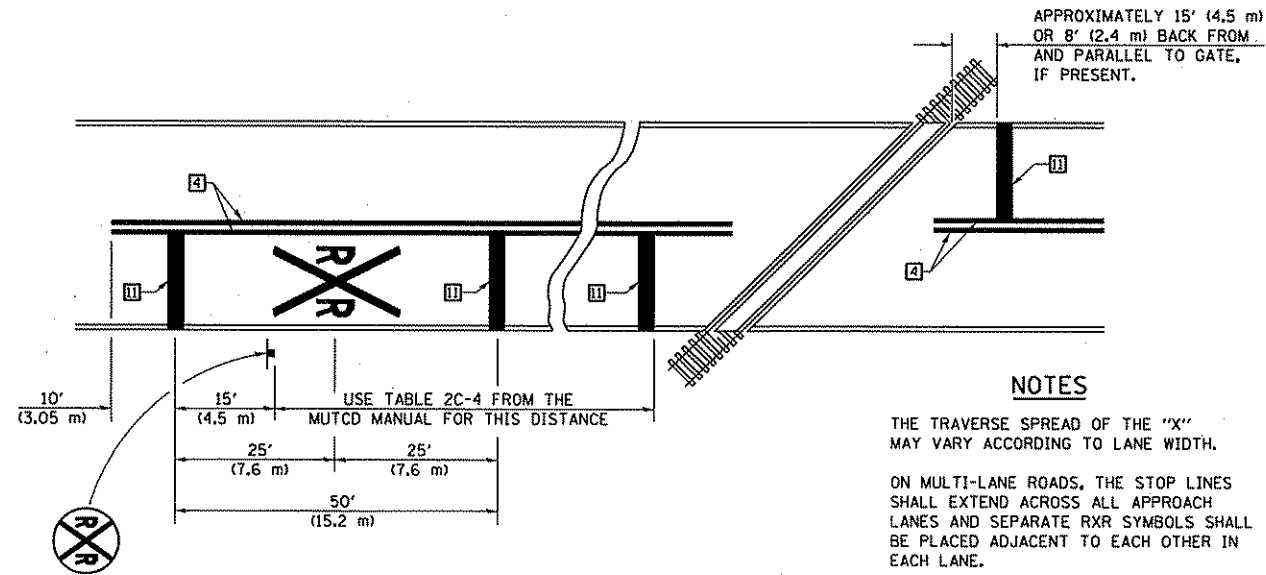
PAVEMENT MARKINGS DETAIL

DATE: 02/28/06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	PIATT	17	17

• 760 & 758
 •• PAVEMENT PRESERVATION 2006

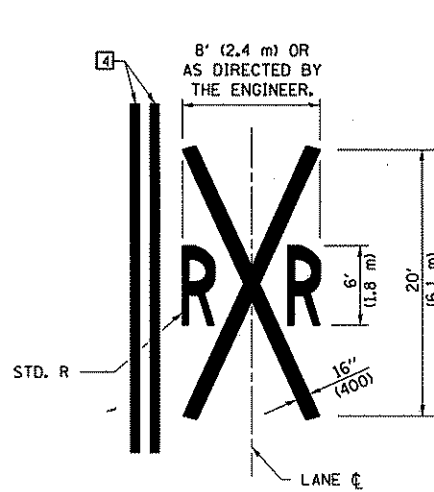
TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



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.



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

PLOT DATE = 3/1/2006
 FILE NAME = g:\projects\4505906\trb\plan.dgn
 PLOT SCALE = 43.2355' / IN.
 USER NAME = pler\sonbr

SHEET 4 OF 4

	NAME	DATE	REVISIONS
DESIGNED	J.M.H.	5/85	6/88
CHECKED	FMS	6/85	6/88
CADD NO.	F-5.25		K.A.G.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS DETAIL

DATE: 02/28/06