

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(104)PP07	CHAMPAIGN	11	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 709 (U.S. 136)

SECTION (104)PP07

CHAMPAIGN COUNTY

MCLEAN CO. LINE TO WCL OF FISHER

C-95-071-06

MICROSURFACING

D-95-071-06



LOCATION OF SECTION INDICATED THUS: - [Symbol] -

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

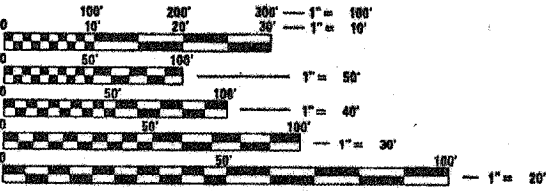
(217)465-4181

PROJECT ENGINEER: KENSIL GARNETT

SQUAD LEADER: ROBERT M. NELSON

CURRENT ADT
2,700 (2006) SU = 5.5% MU = 4.5%

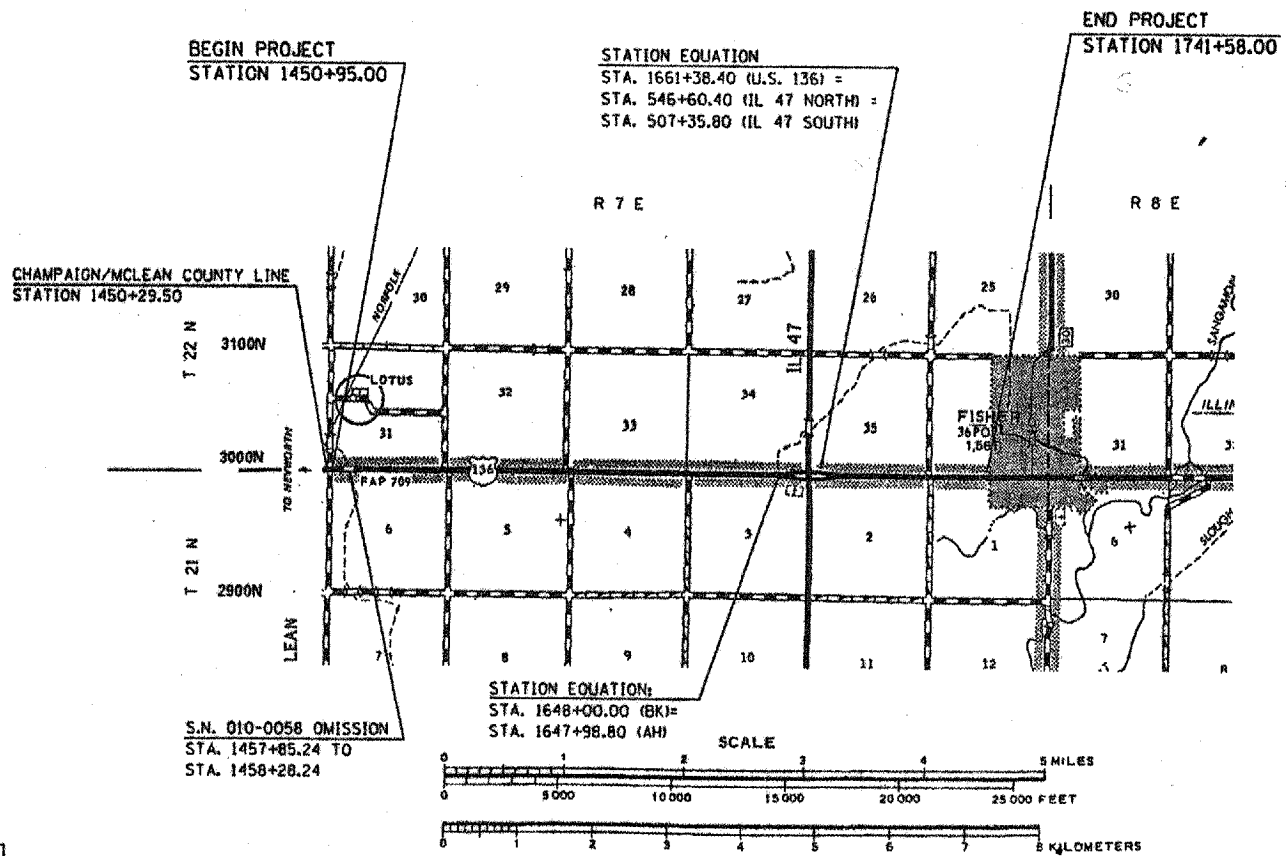
DESIGN DESIGNATION
MINOR ARTERIAL



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 BROWN, EAST BEND, NEWCOMB & CONDIT TOWNSHIPS

CONTRACT NO. 70557



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *02/27/07* 20 06

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

February 2, 2007
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 2, 2007
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

TOTAL LENGTH OF SECTION & PROJECT = 29,064.20 FEET = 5.505 MILES
NET LENGTH OF SECTION & PROJECT = 29,021.20 FEET = 5.496 MILES

12/5/2006
C:\p\70557\70557.dgn
43.2553
Pier 3000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	1041PP07	CHAMPAIGN	11	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF HIGHWAY STANDARDS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	EXISTING TYPICAL CROSS SECTIONS
6	PROPOSED TYPICAL CROSS SECTIONS
7	SCHEDULE OF QUANTITIES
8 - 11	TYPICAL APPLICATION OF PAVEMENT MARKINGS AND MARKERS DETAIL

LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH
701311-02	LANE CLOSURE 2L, 2W, MOVING OPERATIONS DAY ONLY
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

PLOT DATE = 12/5/2006
 FILE NAME = 0197010705\vd07106.tbl\70557plan.dgn
 USER = 012335 / IN
 USER NAME = 012335

ILLINOIS DEPARTMENT OF TRANSPORTATION
**INDEX OF SHEETS &
 LIST OF STANDARDS**
 F.A.P. 709 (U.S. 136)
 SECTION 104.1051PP07
 CHAMPAIGN COUNTY
 SCALE: NOT TO SCALE
 DATE: 09/01/06
 DRAWN BY: B.B.P.
 CHECKED BY: R.M.N.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(104)PP07	CHAMPAIGN	11	3
STA.		TO STA.		
FED. ROAD DIST. NO.	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. - 451 (SPECIAL)

CRACK FILLING CONSISTS OF BOTH LONGITUDINAL AND TRANSVERSE CRACKS. AN APPLICATION RATE OF 0.40 LBS. / FOOT WAS USED TO DETERMINE THE FIBER ASPHALT QUANTITY.

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 AND MICRO-SURFACING. 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.

G. N. (SPECIAL)

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

COMMITMENTS:

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

PLOT DATE = 12/15/2006
 FILE NAME = G:\projects\70557\104\105\709.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = pbrsonbr

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

F.A.P. 709 (U.S. 136)
 SECTION (104,105)PP07
 CHAMPAIGN COUNTY

SCALE: NOT TO SCALE
 DATE: 09/01/06

DRAWN BY: B.B.P.
 CHECKED BY: R.M.N.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(104)PP07	CHAMPAIGN	11	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

LOCATION OF WORK:

CHAMPAIGN COUNTY

ROADWAY
FAP 709 (US 136)
STA. 1450+95.00
STA. 1741+58.00
100% STATE
FOOD

CONSTRUCTION TYPE CODE:

CODE NO	ITEM	CONSTRUCTION TYPE CODE	UNIT	TOTAL QUANTITY	QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)		GALLON	8,556.0	8,556.0
40600300	AGGREGATE (PRIME COAT)		TON	171.0	171.0
48101200	AGGREGATE SHOULDERS, TYPE B		TON	968.0	968.0
67100100	MOBILIZATION		L SUM	1.0	1.0
70100460	TRAFFIC CONTROL AND PROTECTION,	STANDARD 701306	L SUM	1.0	1.0
70300100	SHORT-TERM PAVEMENT MARKING		FOOT	6,226.0	6,226.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL		SO FT	2,080.0	2,080.0
78001110	PAINT PAVEMENT MARKING - LINE 4"		FOOT	71,795.0	71,795.0
78001180	PAINT PAVEMENT MARKING - LINE 24"		FOOT	172.0	172.0
78100100	RAISED REFLECTIVE PAVEMENT MARKER		EACH	90.0	90.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER	REMOVAL	EACH	90.0	90.0
X0325223	FIBER ASPHALT		POUND	19,892.0	19,892.0
X4480205	MICRO-SURFACING, 2 PASSES, TYPE 2		SO YD	85,530.0	85,530.0
• SPECIALTY ITEMS					

PLOT DATE = 12/15/2006
 FILE NAME = c:\projects\705706 (w8)\70557\plan.dgn
 PLOT SCALE = 43.2355' / IN.
 USER NAME = plr:snbr

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. 709 (U.S. 136)
SECTION (104,105)PP07
CHAMPAIGN COUNTY

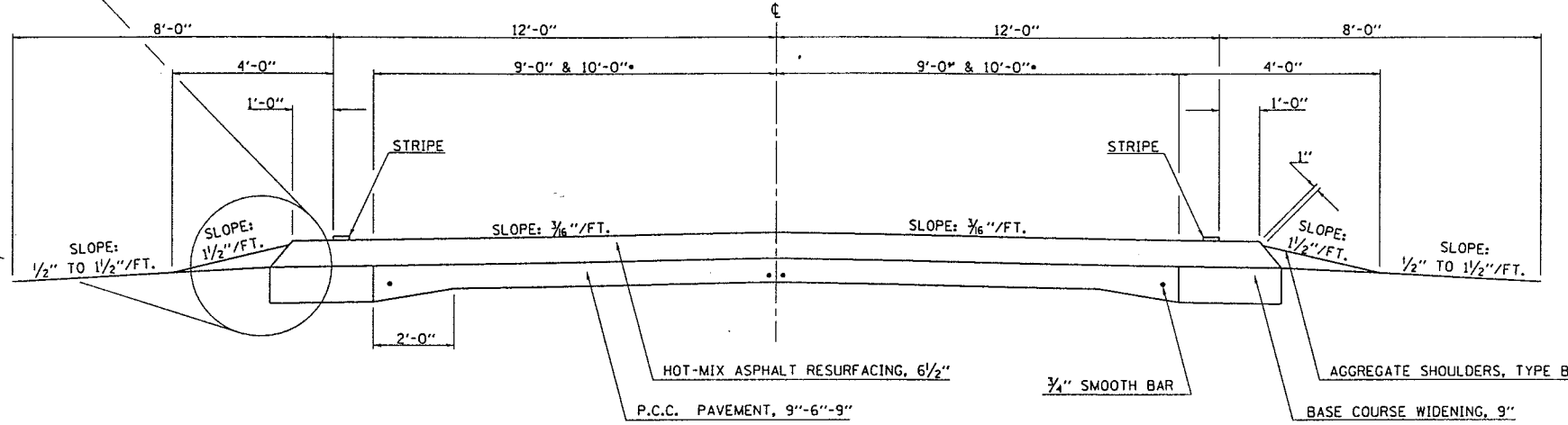
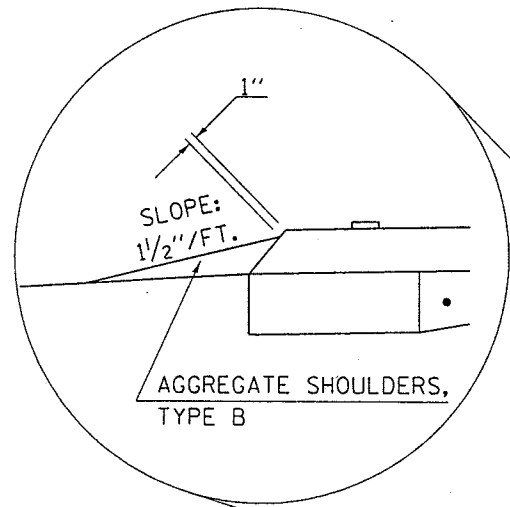
SCALE: NOT TO SCALE
DATE: 11/09/06

DRAWN BY: B.B.P.
CHECKED BY: R.M.N.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(104)PP07	CHAMPAIGN	11	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EXISTING TYPICAL CROSS SECTION

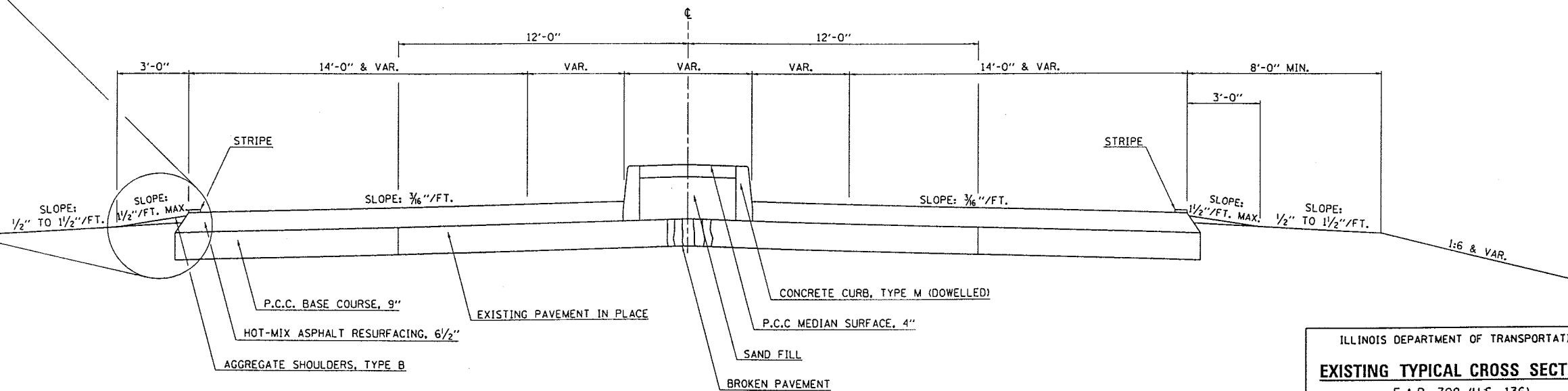
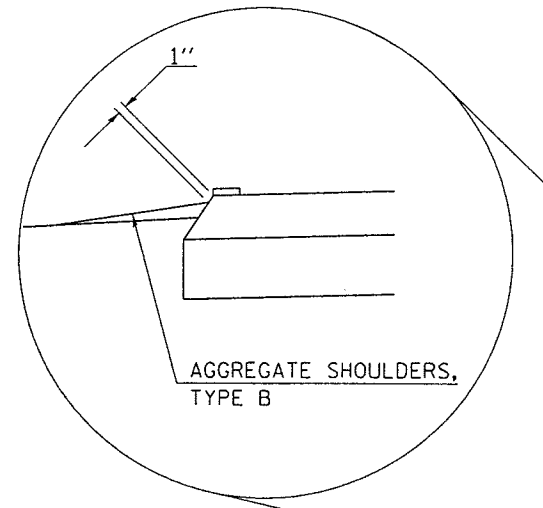
STATION 1450+95.00 TO STATION 1648+00.00 (BK)
 STATION 1647+98.80 (AH) TO STATION 1650+68.35
 RT. STATION 1650+68.35 TO RT. STATION 1653+54.78
 LT. STATION 1673+21.54 TO LT. STATION 1676+09.97
 STATION 1676+09.97 TO STATION 1741+58.00



• 10'-0" 9-6-9 P.C.C. PAVEMENT
 STA. 1450+95.00 TO STA. 1650+68.35
 RT. STA. 1650+68.35 TO RT. STA. 1653+54.78
 LT. STA. 1673+21.54 TO LT. STA. 1676+09.97
 STA. 1676+09.97 TO STA. 1741+58.00

EXISTING TYPICAL CROSS SECTION

LT. STATION 1650+68.35 TO LT. STATION 1653+54.78
 STATION 1653+54.78 TO STATION 1673+21.54
 RT. STATION 1673+21.54 TO RT. STATION 1676+09.97



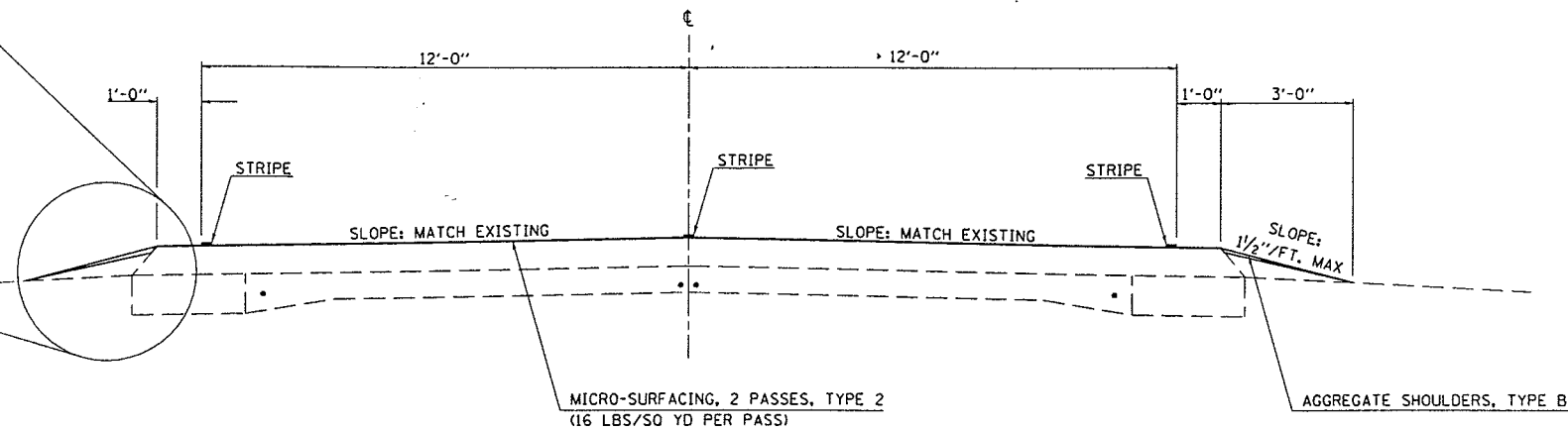
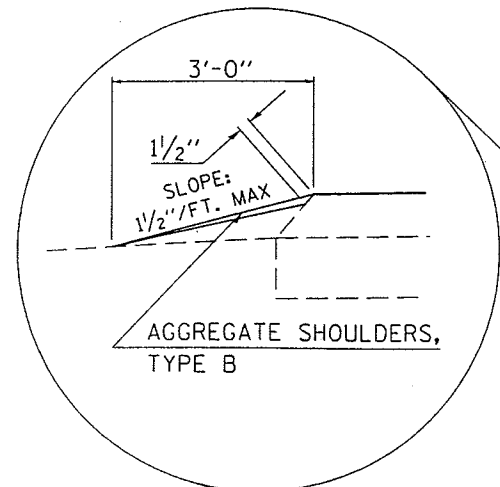
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 USER NAME = pler-sonbr

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TYPICAL CROSS SECTIONS
 F.A.P. 709 (U.S. 136)
 SECTION (104,105)PP07
 CHAMPAIGN COUNTY
 SCALE: NOT TO SCALE DRAWN BY: B.B.P.
 DATE: 11/02/06 CHECKED BY: R.M.N.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(104)PP07	CHAMPAIGN	11	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

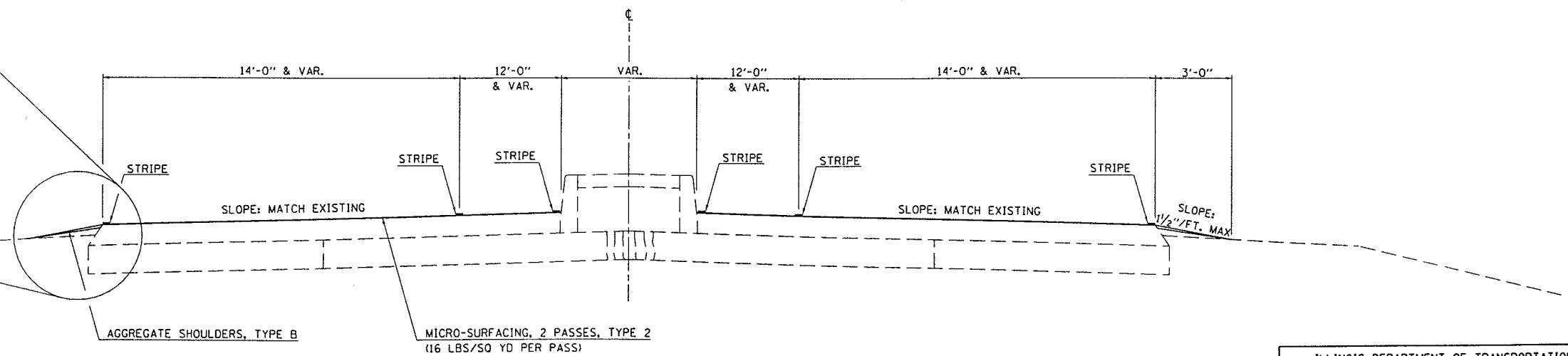
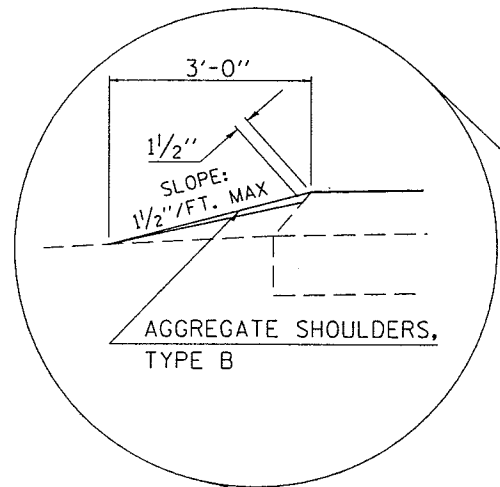
PROPOSED TYPICAL CROSS SECTION ①

STATION 1450+95.00 TO STATION 1648+00.00 (BK)
 STATION 1647+98.80 (AH) TO STATION 1650+68.35 ②
 RT. STATION 1650+68.35 TO RT. STATION 1653+54.78 ②
 ② LT. STATION 1673+21.54 TO LT. STATION 1676+09.97 ②
 STATION 1676+09.97 TO STATION 1741+58.00



PROPOSED TYPICAL CROSS SECTION ②

① LT. STATION 1650+68.35 TO LT. STATION 1653+54.78 ①
 ① STATION 1653+54.78 TO STATION 1673+21.54 ①
 ① RT. STATION 1673+21.54 TO RT. STATION 1676+09.97 ①



PLOT DATE = 12/15/2006
 FILE NAME = C:\Users\p1er50n\Documents\70557\104105\104105.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = p1er50n

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL CROSS SECTIONS
 F.A.P. 709 (U.S. 136)
 SECTION (104,105)PP07
 CHAMPAIGN COUNTY
 SCALE: NOT TO SCALE DRAWN BY: B.B.P.
 DATE: 11/02/06 CHECKED BY: R.M.N.

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	1041PP07	CHAMPAIGN	11	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SHORT-TERM PAVEMENT MARKING

ROUTE	STATION	TO	STATION		SKIP DASH YELLOW (FOOT)	NO PASSING YELLOW (FOOT)	TURN LANE WHITE (FOOT)
US 136	1450+95.00		1457+85.24	BO	63	--	--
US 136	1458+28.24	BO	1519+46.30		557	--	--
US 136	1519+46.30		1524+74.30		48	48	--
US 136	1524+74.30		1530+02.30		48	--	--
US 136	1530+02.30		1535+83.10		53	53	--
US 136	1535+83.10		1587+04.70		465	--	--
US 136	1587+04.70		1592+32.70		48	48	--
US 136	1592+32.70		1597+60.70		48	--	--
US 136	1597+60.70		1602+88.70		48	48	--
US 136	1602+88.70		1648+00.00	BK	410	--	--
US 136	1647+98.80	AH	1648+60.00		6	--	--
US 136	1648+60.00		1654+26.16		52	52	--
US 136	1654+26.16		1659+20.00		--	90	--
US 136	1659+20.00		1661+00.00		--	33	17
US 136	1661+87.12		1664+40.00		--	46	23
US 136	1664+40.00		1673+02.16		--	157	--
US 136	1673+02.16		1676+02.16		28	28	--
US 136	1676+02.16		1741+58.00		596	--	--
SUB-TOTALS					2,470	603	40
X 2 APPLICATIONS					4,940	1,206	80
TOTAL SHORT-TERM PAVEMENT MARKING					6,226		

BO = BRIDGE OMISSION
AH = AHEAD
BK = BACK

MICRO-SURFACING, 2 PASSES, TYPE 2 *

LANE	STATION	WIDTH (FOOT)	TO	STATION	WIDTH (FOOT)	SQ YDS
EB / WB	1450+95.00	26.00		1457+85.24	BO 26.00	1,994.03
EB / WB	1458+28.24	BO 26.00		1648+00.00	BK 26.00	54,807.31
EB / WB	1647+98.80	AH 26.00		1650+68.35		778.70
EB / WB	1650+68.35	26.00		1651+93.35		361.11
EB	1651+93.35	13.00		1653+54.78		233.18
WB	1651+93.35	13.00		1653+62.74		272.91
EB	1653+54.78	13.00		1654+76.16		195.56
WB	1653+62.74	16.00		1654+76.16		195.33
EB	1654+76.16	16.00		1657+11.02		430.58
WB	1654+76.16	15.00		1660+81.43		975.16
EB	1657+11.02	17.00		1658+10.00		170.47
EB	1658+10.00	14.00		1658+60.00		94.92
EB	1658+60.00	20.17		1659+00.00		102.60
EB	1659+00.00	26.00		1661+87.12		829.46
WB	1660+81.43	14.00		1660+97.00		29.41
WB	1660+97.00	20.00		1661+87.12		200.27
EB	1661+87.12	14.00		1672+02.16		1,578.95
WB	1661+87.12	26.00		1664+40.00		730.54
WB	1664+40.00	26.00		1666+90.00		555.56
WB	1666+90.00	14.00		1667+26.50		56.78
WB	1667+26.50	14.00		1669+67.30		414.71
WB	1669+67.30	15.00		1672+02.16		391.43
EB	1672+02.16	14.00		1676+09.79		611.45
WB	1672+02.16	15.00		1673+23.54		188.81
WB	1673+23.54	13.00		1676+09.79		413.47
EB / WB	1676+09.79	26.00		1741+58.00		18,917.05
TOTAL						85,529.75
USE						85,530.00

* APPLICATION RATES: FIRST PASS = 16 LBS/ SQ YD
SECOND PASS = 16 LBS/SQ YD

PAINT PAVEMENT MARKING - LINE 4"

ROUTE	STATION	TO	STATION	LENGTH	4" WHITE (FOOT)	4" SKIP DASH YELLOW (FOOT)	4" NO PASSING YELLOW (FOOT)
US 136	1450+95.00		1648+00.00	BK 19,705.00	39,410.00	4,927.00	2,164.80
US 136	1647+98.80	AH	1741+58.00	9,359.20	18,977.04	1,871.00	4,443.92
SUB-TOTALS					58,387.04	6,798.00	6,608.72
TOTAL WHITE					58,387.04		
TOTAL YELLOW					13,406.72		
TOTAL					71,793.76		
USE					71,795.00		

PAINT PAVEMENT MARKING - LINE 24"

STATION EQUATION
STA 1661+38.40 (US 136) =
STA 546+60.40 (IL 47 NORTH) DECREASE STA NORTH
STA 507+35.80 (IL 47 SOUTH) DECREASE STA SOUTH

ROUTE	STATION	OFFSET	FOOT
US 136	1160+96.00	RT	26
US 136	1661+06.00	RT	17
US 136	1661+70.00	LT	17
US 136	1661+88.00	LT	26
IL 47 N	546+10.00	RT	26
IL 47 N	546+25.00	RT	17
IL 47 S	506+80.00	RT	26
IL 47 S	507+00.00	RT	17
TOTAL			172

RAISED REFLECTIVE PAVEMENT MARKER

STATION	TO	STATION	EACH
1672+02.16		1741+58.00	90
TOTAL			90

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

STATION	TO	STATION	EACH
1672+02.16		1741+58.00	90
TOTAL			90

ILLINOIS DEPARTMENT OF TRANSPORTATION

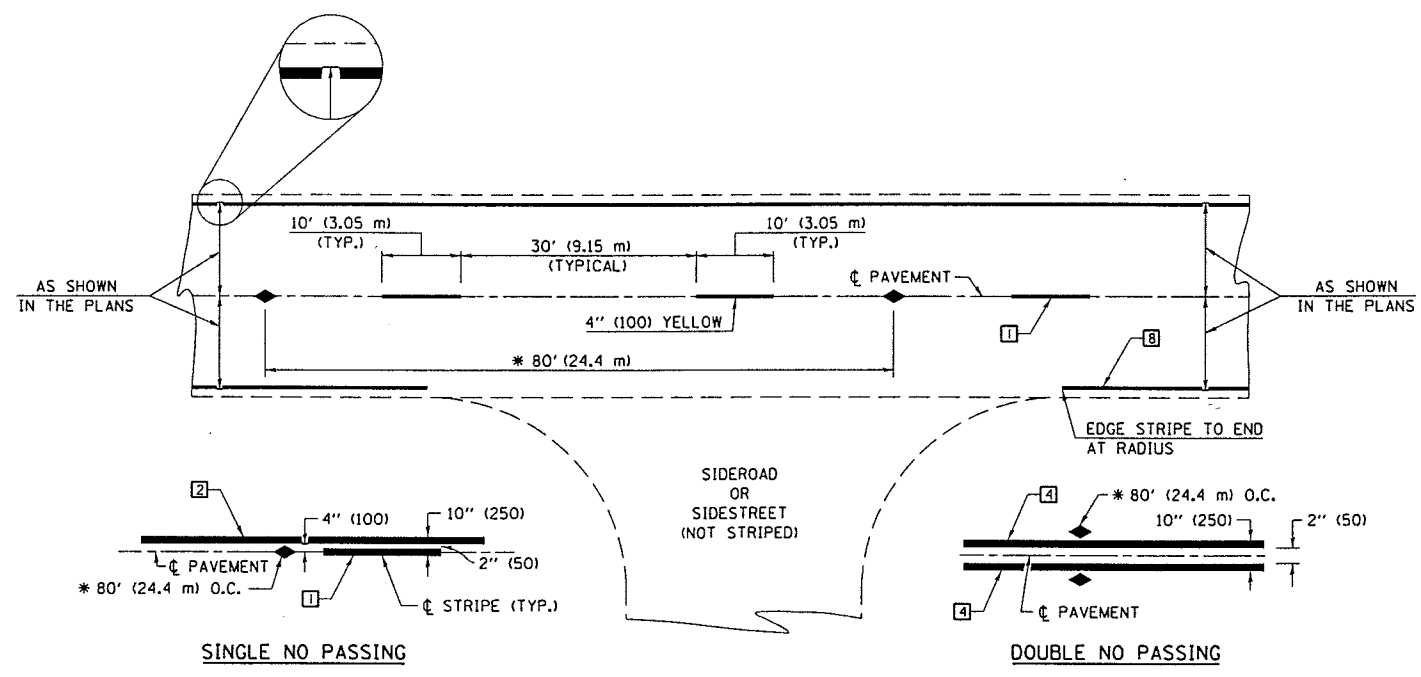
SCHEDULE OF QUANTITIES

F.A.P. 709 (U.S. 136)
SECTION 104,1051PP07
CHAMPAIGN COUNTY

SCALE: NOT TO SCALE
DATE: 09/01/06
DRAWN BY: B.B.P.
CHECKED BY: R.M.N.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(104)PP07	CHAMPAIGN	11	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



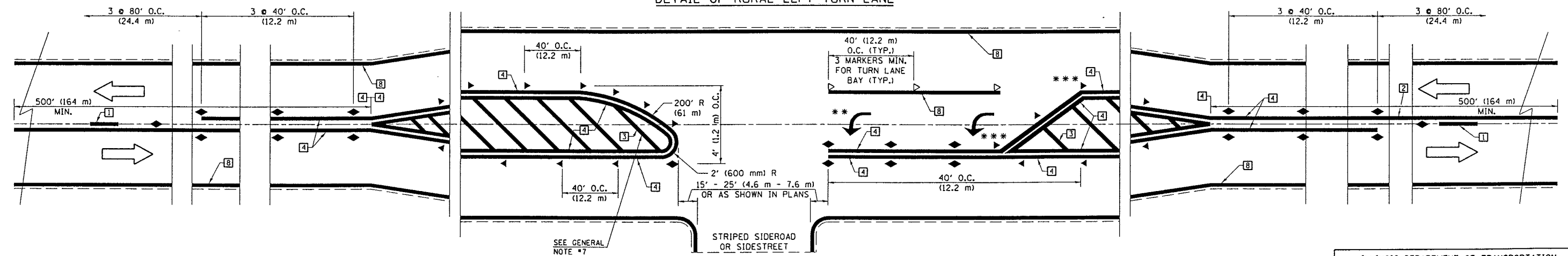
TYPICAL PAVEMENT MARKING LEGEND

- 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.

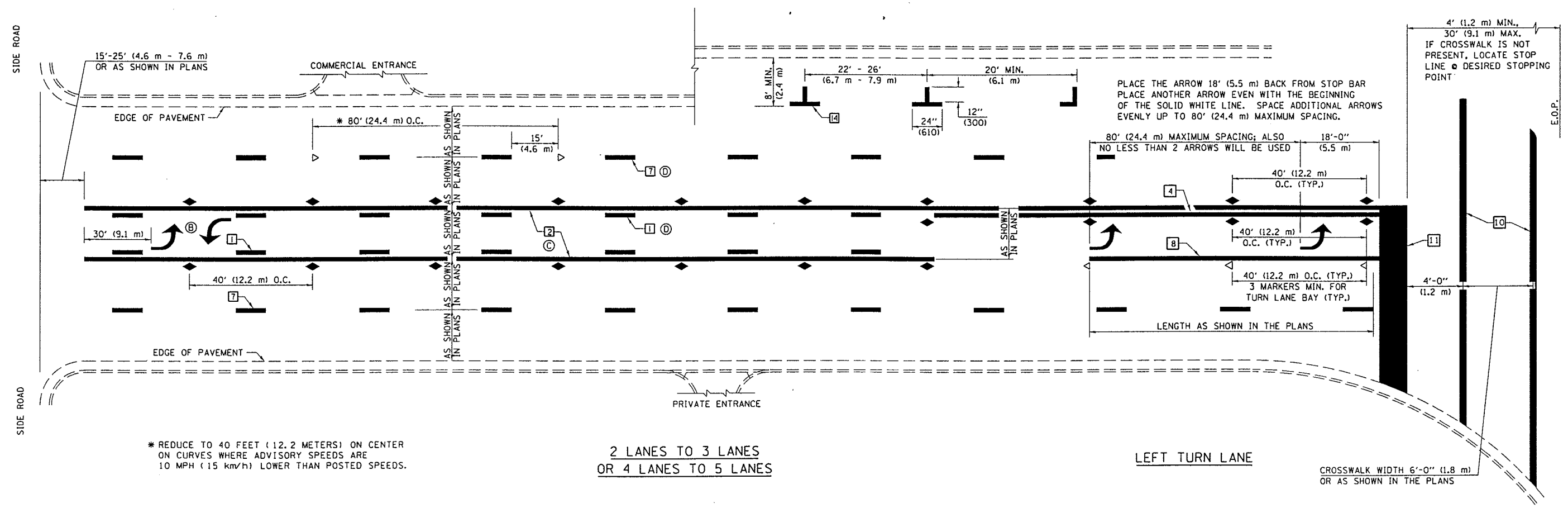
ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS DETAIL

PLOT DATE = 12/15/2006
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 USER NAME = d1er3onbr

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	1041PP07	CHAMPAIGN	11	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



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

2 LANES TO 3 LANES
OR 4 LANES TO 5 LANES

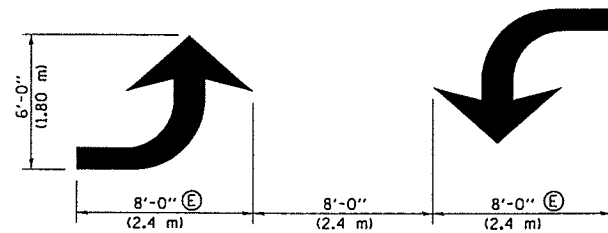
LEFT TURN LANE

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

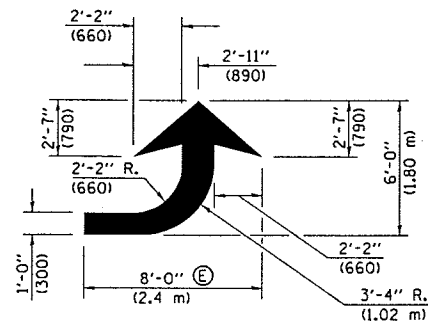
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 USER NAME = p1er_sonbr

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(104)PP07	CHAMPAIGN	11	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

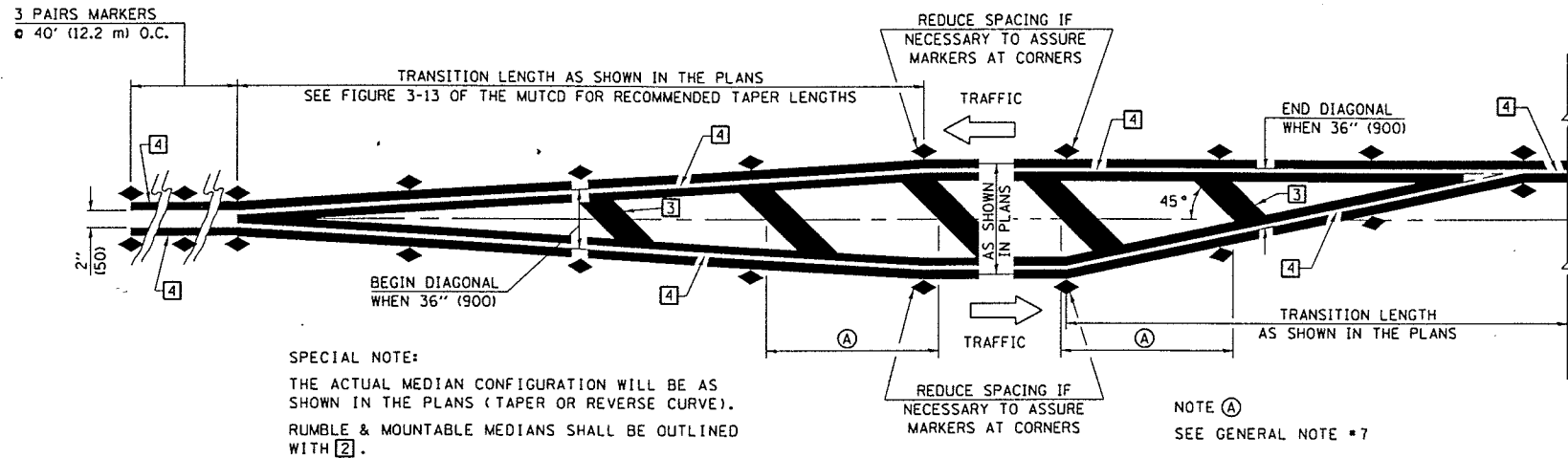
TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



TYPICAL DOUBLE TURN ARROWS (WHITE)



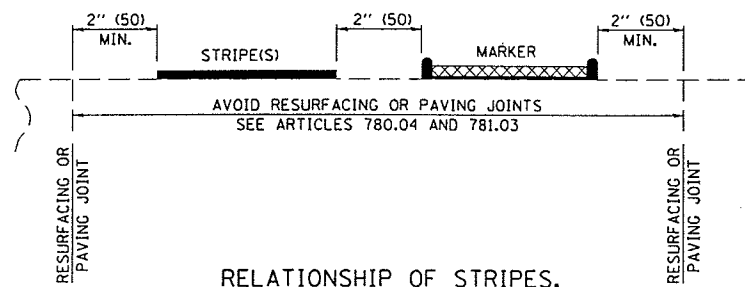
LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



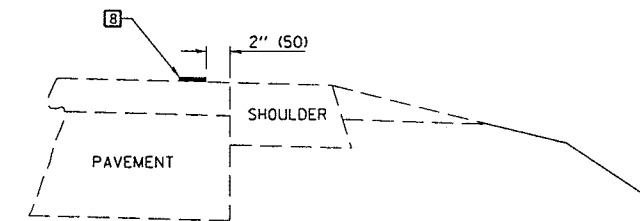
SPECIAL NOTE:
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

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

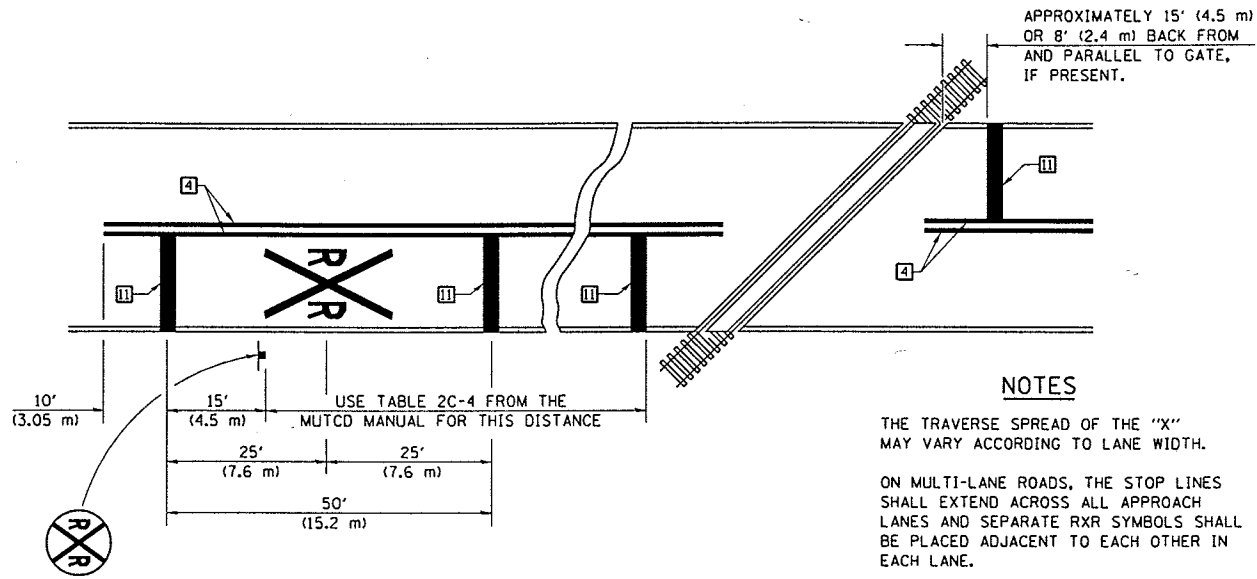
1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SCALE: NONE
3. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
4. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
5. A STRIPING KEY IS AVAILABLE 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)

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	(104)PPO7	CHAMPAIGN	11	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



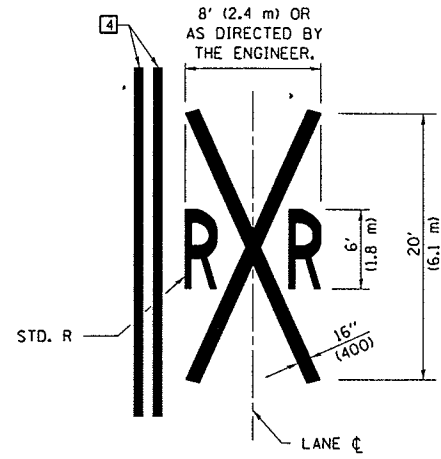
APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

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 = 12/5/2006
 FILE NAME = c:\pwork\10557\10557plan.dgn
 PLOT SCALE = 43.2857 IN.
 USER NAME = pler-sonbr