STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

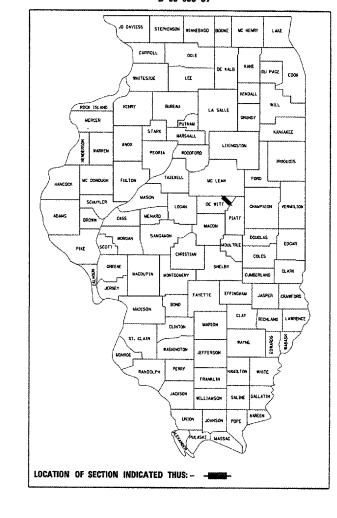
FAS ROUTE 1517 (US 150) SECTION 08PPP DEWITT COUNTY

C-95-053-07

MICROSURFACING US 150 IN DEWITT COUNTY FROM MCLEAN COUNTY LINE TO PIATT COUNTY LINE



D-95-053-07



CURRENT ADT

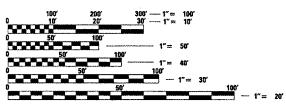
FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

F.A.S. 1517 (US 150) CURRENT ADT (2007) 18,400

DESIGN DESIGNATION

FUNCTIONAL CLASSIFICATION OTHER PRINCIPAL 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.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

CONTRACT NO. 70673

SECTION OSPPP ENDS STATION 264+36.5 PAVING OMISSION - STATION 124+61.00 TO STATION 124+70.00 I.C.R.R. PAVING OMISSION - STATION 57+84.50 TO STATION 60+19.50 S.N. 020-0058 SECTION OSPPP BEGINS STA 0+00.00

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION **DIVISION OF HIGHWAYS**

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

TOTAL LENGTH OF SECTION & PROJECT = 26,436.50 FEET = 5.001 MILES NET LENGTH OF SECTION & PROJECT = 25,614.50 FEET = 4.851 MILES

		CONTINACT		
A.S. IE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
517	08PPP	DEWITT	11	2

INDEX OF SHEETS

INDEX OF SHEETS

	DECORIDATION.
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS/LIST OF HIGHWAY STANDARDS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	EXISTING TYPICAL CROSS-SECTIONS
5	PROPOSED TYPICAL CROSS-SECTIONS
6	SCHEDULE OF QUANTITIES
7	DETAIL - PERMANENT SURVEY MARKERS TO BE PRESERVED
8-11	DETAIL - TYPICAL APPLICATIONS OF PAVEMENT MARKINGS & MARKERS (URBAN AND RURAL)

LIST OF STANDARDS

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
001006	DECIMAL OF AN INCH AND A FOOT
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
701901	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

ILLINOIS DEPARTMENT OF TRANSPORTATION INDEX OF SHEETS &

LIST OF STANDARDS

F.A.S. 1517 (U.S. 150) SECTION 08PPP CHAMPAIGN COUNTY

SCALE: N/A DATE: 08/28/07

DRAWN BY1 RC

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.-1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Mr. Hardy Taylor 1907 Marion Ave Mattoon, IL 61938 (217) 238-2443

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. Tom Tucker 2800 Livernois Rd Troy, MI 48083 (248) 740-6227

G.N. - 451 (SPECIAL)

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

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR SETTING THESE MARKERS.

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).

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPENCY 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. (SPECIAL)

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

NO COMMITMENTS

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES F.A.S. 1517 (U.S. 150)

SECTION 08PPP CHAMPAIGN COUNTY

DATE: 08/28/07

CHECKED BY: MAL

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	08PPP	DEWITT	11	4

SUMMARY OF QUANTITIES

LOCATION:

RURAL DEWITT

FAS 1517 (US 150) STA. 0+00 TO STA. 264+36.5

100% STATE

CONSTRUCTION CODE:

PAY ITEM CODE PAY ITEM		UNIT	QTY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLA	7,567.0
40600300	AGGREGATE (PRIME COAT)	TON	152.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	882.0
67100100	MOBILIZATION	LSUM	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5,132.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQFT	855.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQFT	123.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	60,916.0
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	106.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	333.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	333.0
X0325223	FIBER ASPHALT	POUND	11,040.0
X4480205	MICRO-SURFACING, 2 PASSES, TYPE 2	SQYD	75,666.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1.0

^{*} SPECIALTY ITEMS

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.S. 1517 (U.S. 150) SECTION OBPPP CHAMPAIGN COUNTY

SCALE: N/A DATE: 08/28/07

DRAWN BY: RC CHECKED BY: MAL

			10. 10	
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	08PPP	DEWITT	11	5

SCHEDULE OF QUANTITIES

PERMANENT SURVEY MARKERS TO BE PRESERVED (COST INCIDENTAL TO CONTRACT)

CL. STA. EACH

171+03.831

192+84.80

TOTAL =

2 EACH

PAVEMENT MARKINGS

STATION TO	STATION	4" SKIP DASH YELLOW (FOOT) (78001110)	4" NO PASSING YELLOW (FOOT) (78001110)	4" EDGE LINE WHITE (FOOT) (78001110)	SHORT TERM PAVEMENT MARKINGS (FOOT) (70300100)	WORK ZONE PAVEMENT MARKING REMOVAL (SQ.FT.) (70301000)
0+00	55+50	1,398	0	11,100	1,110	185
55+50	62+54	0	0	0	0	. 0
62+54	68+75	165	0	1,242	124	21
68+75	69+50	 . 29	0	150	0	0
69+50	77+50	210	0	1,600	160	27
77+50	82+50	0	1,000	1,000	100	17
82+50	97+50	385	0	3,000	300	50
97+50	107+50	260	2,000	2,000	200	33
107+50	124+50	435	0	3,400	340	57
124+50	124+85	0	70	70	7	1
124+85	264+37	3,498	0	27,904	2,790	465
	SUB-TOTAL	6,380	3,070	51,466	5,132	855
	TOTAL 4"		60,916			

PAINT PAVEMENT MARKINGS LINE 24" (78001180)

RAILROAD CROSSING:

LT.. 124+50 ~ (1' - 11') RT. = 36 FT RT. 124+85 ~ (1' - 11') RT. = 36 FT

TOTAL=

IL 105/1L 54 INTERSECTION:

LT. 69+50 RT. 68+75 = 17 FT =17 FT

106 FT

THERMOPLASTIC PAVEMENT MARKINGS LETTERS & SYMBOLS (78000100)

STA. RT. '122+29 ~ RT. 122+59 (1.5 ~ 9.5' RT.) = X = 54.0 SQ FT STA. RT. '122+40 ~ RT. 122+50 = R = 3.6 SQ FT

STA, RT. '122+40 ~ RT, 122+50

= R = 3.6 SQ FT

STA. LT. '122+97 ~ LT. 122+70 (1.5 ~ 9.5' LT.) = X = 54.0 SQ FT STA. LT. '122+72 ~ 122+87

= R = 3.6 SQ FT

STA. LT. 122+72 ~ 122+87

STATION TO STATION

= R = 3.6 SQ FT

TOTAL=

123.0 SQ.FT.

RAISED REFLECTIVE PAVEMENT MARKER (78100100)

264+36.5

264+36.5

EACH

0+00

333

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (78300200)

STATION TO STATION

EACH

0+00

333

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

F.A.S. 1517 (U.S. 150) SECTION 08PPP CHAMPAIGN COUNTY

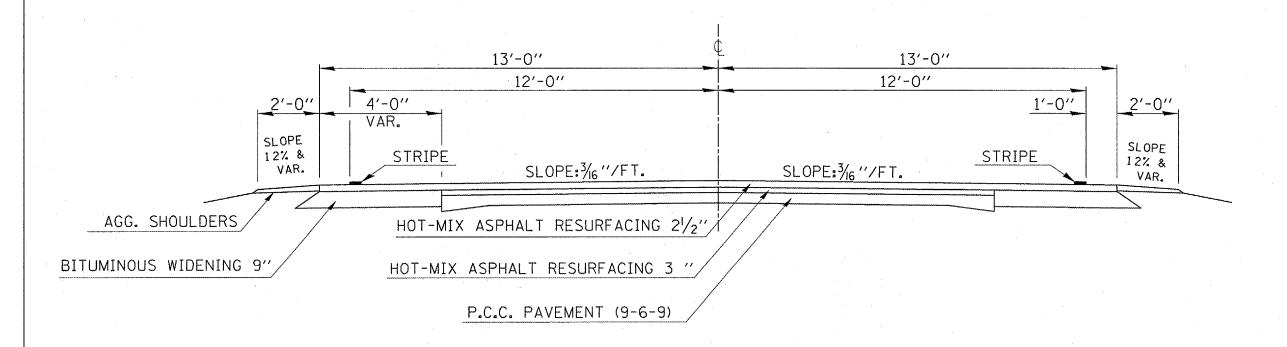
SCALE: N/A DATE: 08/28/07 DRAWN BY1 RC CHECKED BY; MAL

CONTRACT NO. 70673

| F.A.S. | SECTION | COUNTY | TOTAL | SHEET | SHEE

EXISTING ROADWAY CROSS SECTION

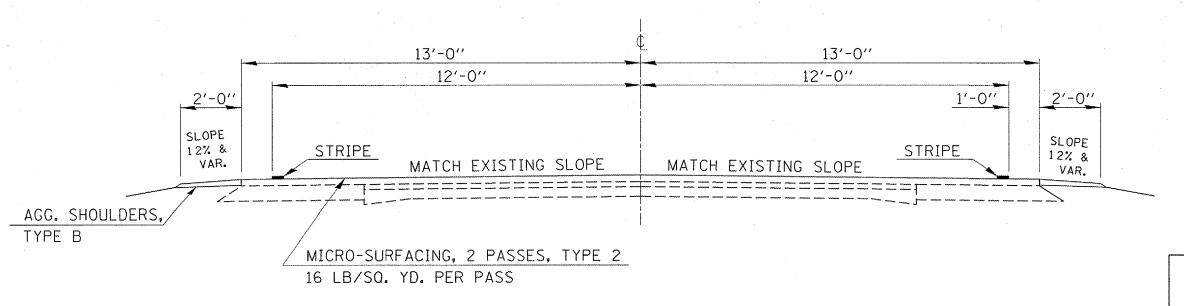
STA. 0+00.00 to STA. 264+36.50



PROPOSED ROADWAY CROSS SECTION

STA. 0+00.00 to STA. 264+36.50

OMISSIONS: STA. 55+50 TO STA. 62+54 (S.N. 020-0058) STA. 124+61 TO STA. 124+70 (I.C.R.R.)



ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS-SECTIONS

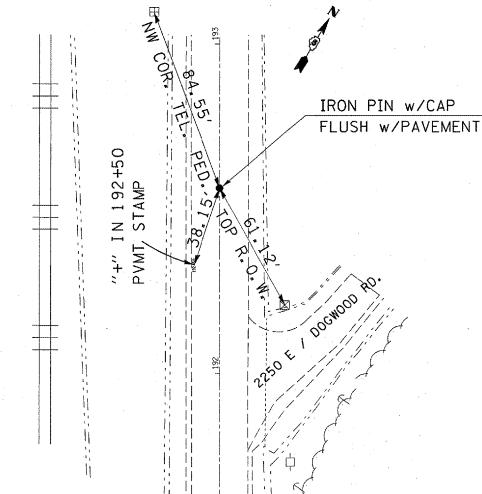
F.A.S. 1517 (U.S. 150) SECTION OBPPP CHAMPAIGN COUNTY

SCALE: N/A DATE: 08/28/07 DRAWN BY: RC CHECKED BY: MAI

1445 - 175 - 175 - 1767 (481 / 7867) 5C41 : 42,3529 - / [N.

CENTERLINE ALIGNMENT TIES

POT #2 STATION 192+84.80



¢ FAS 1517

(US-150)

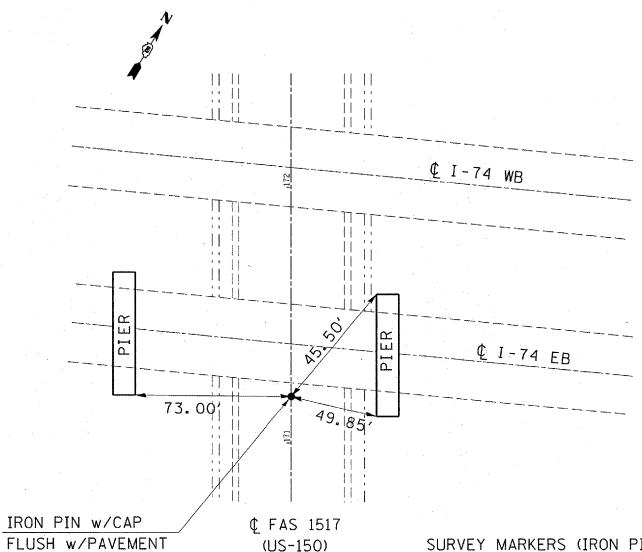
SURVEY MARKERS TO BE PRESERVED

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.S. 1517 (U.S. 150) SECTION OBPPP CHAMPAIGN COUNTY

CENTERLINE ALIGNMENT TIES

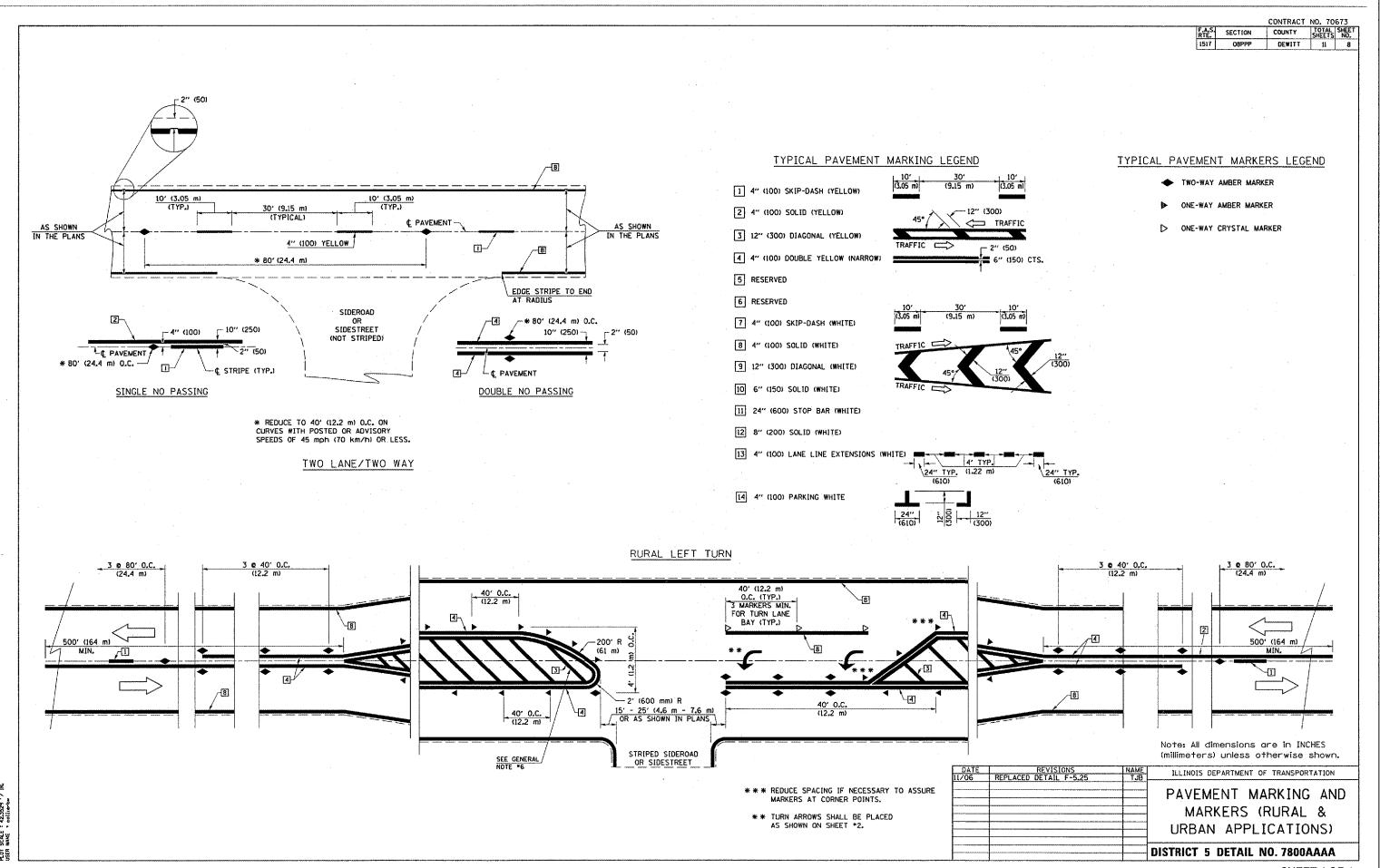
POT #1 STATION 171+03.831



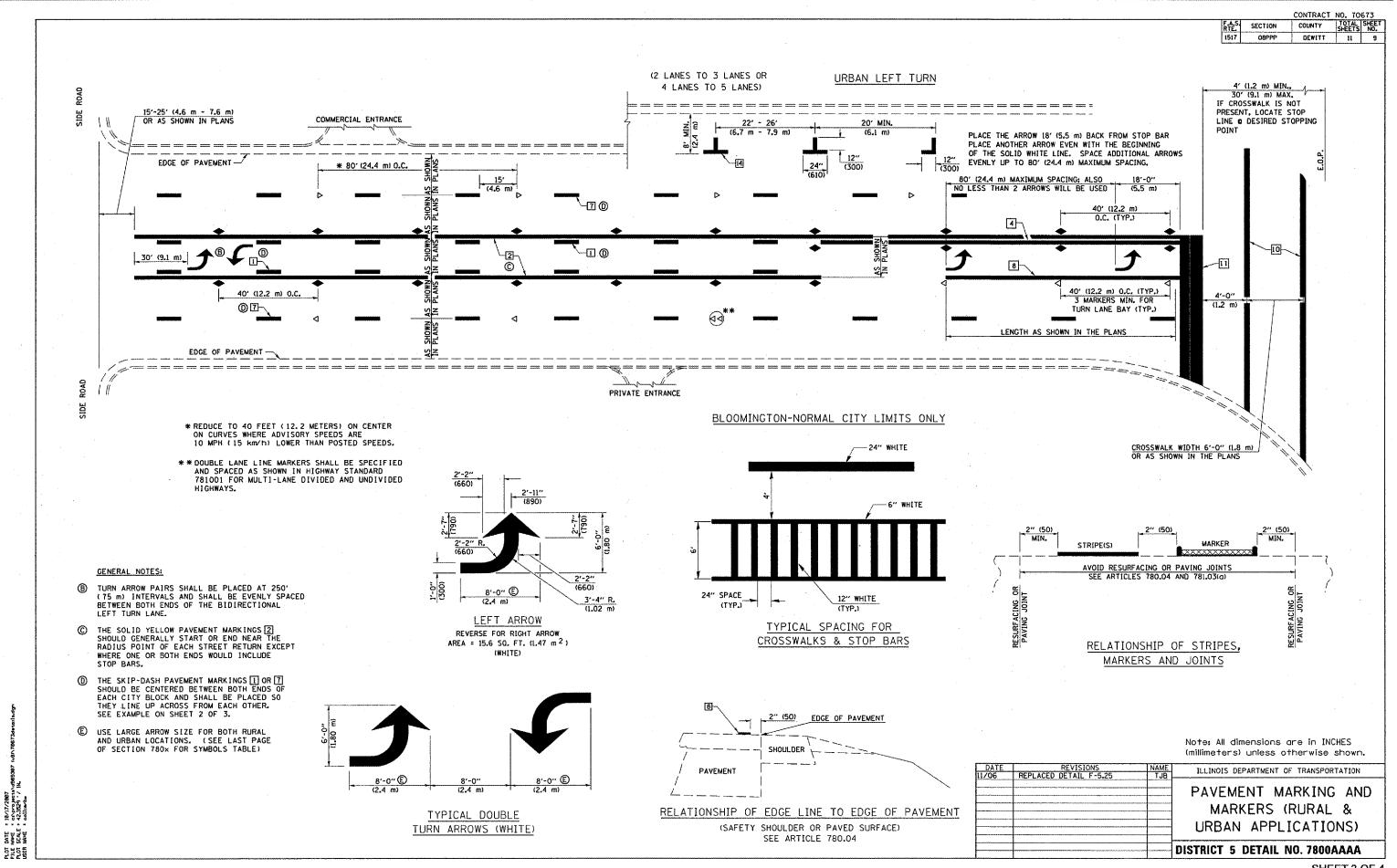
SURVEY MARKERS (IRON PIN AND CAP) SHALL BE PRESERVED BY COVERING THEM WITH A 2"x2" SQUARE OF SHORT TERM PAVEMENT MARKING TAPE PRIOR TO MICRO-SURFACING. COST SHALL BE INCLUDED WITH OTHER VARIOUS ITEMS IN THE CONTRACT.

SEE SURVEY BOOK 4744 PG. 5-3 NOT TO SCALE

SEE SURVEY BOOK 4744 PG. 5-3 NOT TO SCALE



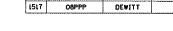
SHEET 1 OF 4

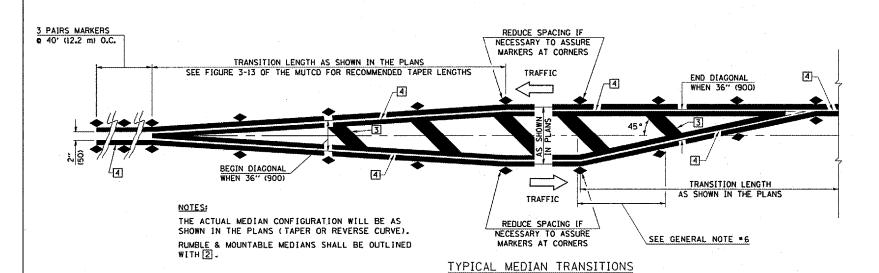


SHEET 2 OF 4

CONTRACT NO. 70673

F.A.S. SECTION COUNTY TOTAL SHEET NO.





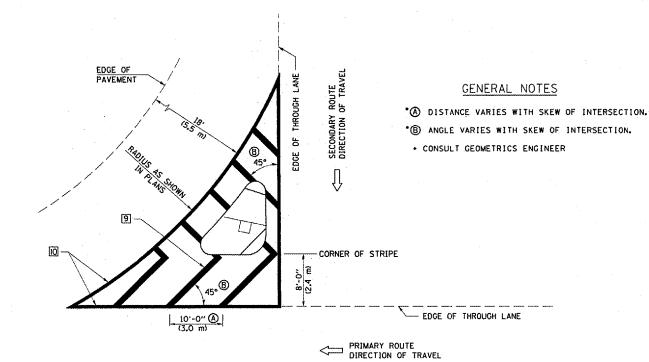
4" YELLOW (TYP.) 4" DOUBLE YELLOW

RIGHT IN - RIGHT OUT ACCESS

DATE : 18/17/2087
NAME : colprojectale
SCALE : 42,3529 / / II
NAME : collierts

GENERAL NOTES

- 1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
- 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)



ISLAND

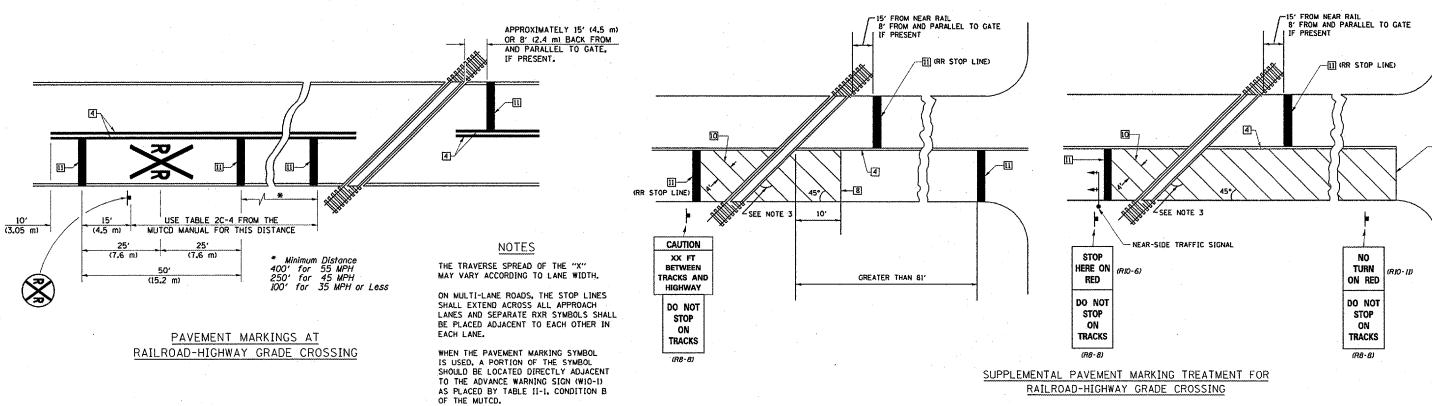
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

			DISTRICT 5 DETAIL NO. 7800AAAA
		ļ	URBAN APPLICATIONS)
			MARKERS (RURAL &
		1	PAVEMENT MARKING AND
11/06	REPLACED DETAIL F-5.25	TJB	ILLINOIS DEPARTMENT OF TRANSPORTATION
UAIL	KE VISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET 3 OF 4

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



8' (2.4 m) OR AS DIRECTED BY THE ENGINEER.

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.

DATE 11/06	REVISIONS REPLACED DETAIL F-5.25	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
117 00	THE FLACED DETAIL 1 3/23	,,,,,	PAVEMENT MARKING AND
			MARKERS (RURAL &
			URBAN APPLICATIONS)
			DISTRICT 5 DETAIL NO. 7800AAAA

| DATE = 18/17/2007 | NAME = ciprojectale | SCALE = 42.3559 / F

SHEET 4 OF 4