STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS [217]465-4181 PROPOSED FOR INDEX OF SHEETS, SEE SHEET NO. 2 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4 **HIGHWAY PLANS** GARNETT FAU ROUTE 6401 (US 150) SECTION (ZQ,Z1)RS-3 KENSIL **MCLEAN COUNTY** ENGINEER: C-95-015-07 PROJECT MILLING AND RESURFACING FROM LOCUST STREET TO **EMPIRE STREET IN BLOOMINGTON (US 150)** END SECTION STATION 12+27.50 R 2 E **CURRENT TRAFFIC** DATA ROBERT ADT = 9300LEADER: SQUAD **DESIGN DESIGNATION** 10 NA EFAP 693 BLOOMINGTON POP 57,707 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARI DESIGN ENGINEERING SCALES REDUCED SIZED PLANS WILL NOT SCALE CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED. J.U.L.I.E. 5 000 10 000 15 000 20 000 25 000 FEET JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

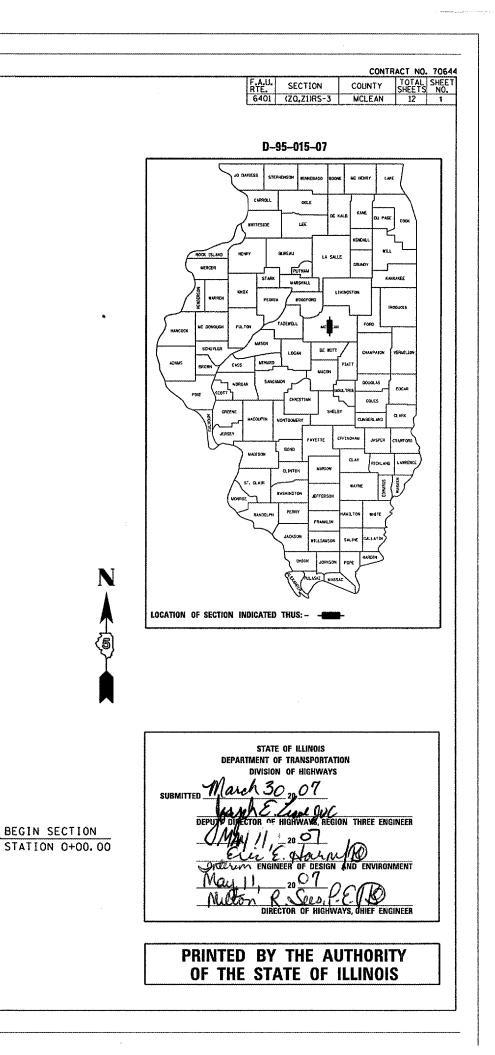
> TOTAL LENGTH OF SECTION & PROJECT = 1227.50 FEET = 0.232 MILES NET LENGTH OF SECTION & PROJECT = 1227.50 FEET = 0.232 MILES

5 MILES

FAU ROUTE 6401 SECTION (ZQ,Z1)RS-3 MCLEAN COUNTY

CONTRACT NO. 70644

3/30/2007



INDEX OF SHEETS

1 DATE = 3/38/2087 NAVE = ct/projecta/d501 1 SCALE = 185,8824 */ 14, 1 NAVE = croigre

PLOT PLOT USER

LIST OF STANDARDS

SHEET	ITEM	STANDARD NO.	DESCRIPTION
1	COVER SHEET	000001-04	STANDARD SY
2	INDEX OF SHEETS/LIST OF HIGHWAY STANDARDS	001006	DECIMAL AND
3	GENERAL NOTES	701301-02	LANE CLOSUR
4	SUMMARY OF QUANTITIES	701311-02	LANE CLOSUR
5	EXISTING TYPICAL CROSS SECTION	701501-03	URBAN LANE
5	PROPOSED TYPICAL CROSS SECTION	701701-04	URBAN LANE
6	SCHEDULES OF QUANTITIES	702001-06	TRAFFIC CON
7-8	PLAN SHEETS	780001-01	TYPICAL PAV
9-12	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	781001-02	TYPICAL APP
	1		

				644	
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
6401	(ZQ,Z1)RS~3	MCLEAN	12	2	

ON

SYMBOLS, ABREVIATIONS AND PATTERNS ND INCH AND OF A FOOT URE 2L, 2W, SHORT TIME OPERATION URE 2L, 2W MOVING OPERATION-DAY ONLY CLOSURE, 2L, 2W, UNDIVIDED CLOSURE, MULTILANE INTERSECTION ONTROL DEVICES AVEMENT MARKINGS PPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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.

G.N.-406

THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT. DESIGN THICKNESS CAN BE BACK CALCULATED BY USING THE CONVERSION FACTOR OF 1 INCH THICKNESS = 112 POUNDS / SQUARE YARD.

G.N. -406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	LOCUST TO EMPIRE ON US 150
Mixture Use(s):	SURFACE
AC/PG:	SBS PG 70-22
RAP %: (Max)**	10%
Design Air Voids:	4.0% @ Ndes = 90
Mixture Composition:	
(Gradation Mixture)	IL 9.5
Friction Aggregate:	MIX "D"

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.-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).

COMMITMENTS: THERE ARE NO COMMITMENTS FOR THIS PROJECT

		CONTRACT	NO. 70	644
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6401	(Z0,Z1)RS-3	MCLEAN	12	3

SUMMARY OF QUANTITIES

LOCATION OF WORK:

CONSTRUCTION TYPE CODE:

	CODE NO	ITEM	UNIT	QUANTITY
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	479.0
	40600300	AGGREGATE (PRIME COAT)	TON	10.0
	40600990	TEMPORARY RAMP	SQ YD	42.0
	40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	402.0
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	4,782.0
	60255500	MANHOLES TO BE ADJUSTED	EACH	1.0
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	2.0
	67100100	MOBILIZATION	L SUM	1.0
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	264.0
	70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	63.0
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1,475.0
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	148.0
	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	151.0
	70300280	TEMPORARY PAVEMENT MARKING ~ LINE 24"	FOOT	50.0
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	44.0
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	63.0
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,475.0
∗	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	148.0
₩	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	151.0
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	50.0
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	27.0
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	910.0
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	27.0

* SPECIALTY ITEM

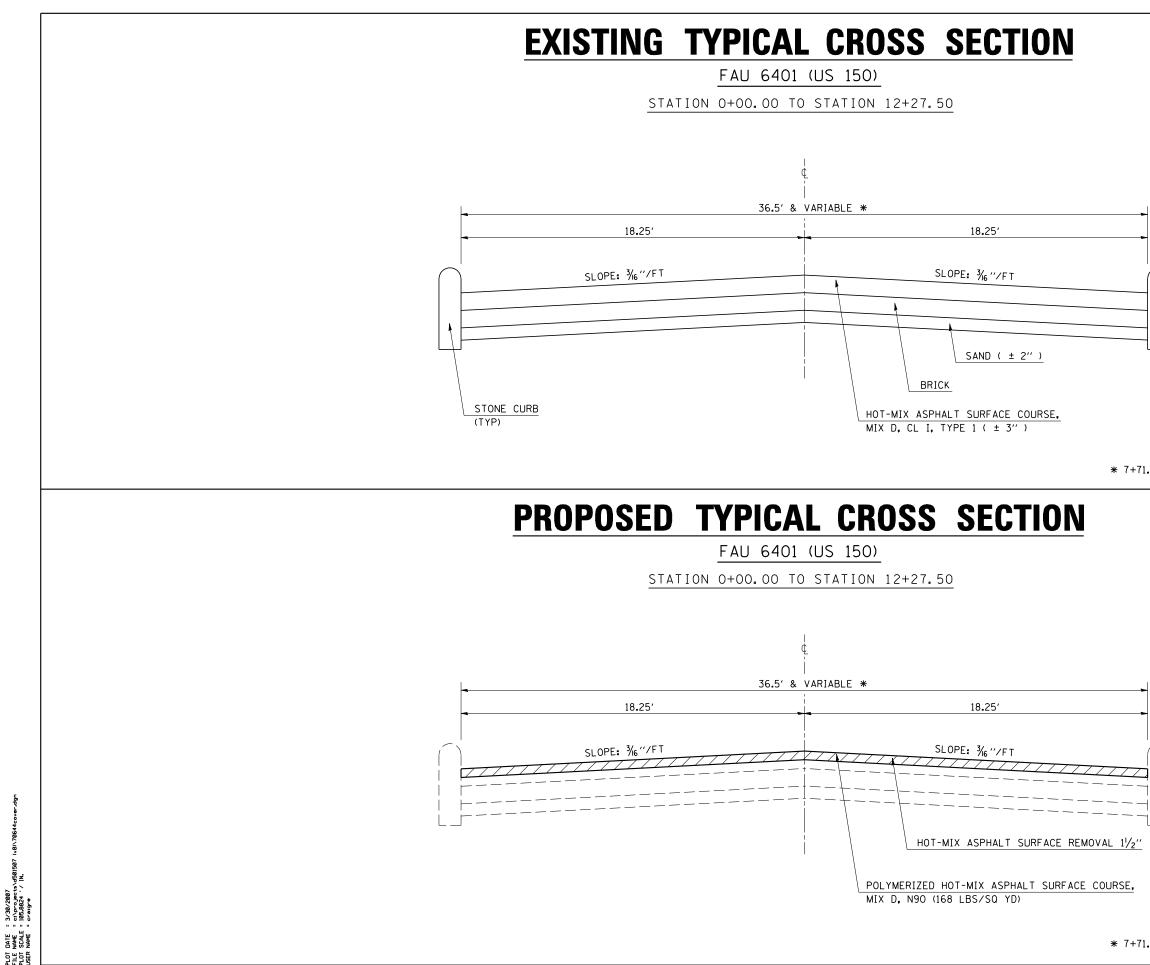
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PLOT DATE : 3/30/2007 FILE NANE : criprojecta/0501507 PLOT SCALE : 182.6824 / JN. USER NAME : cratore

			CONTRACT	NO. 70	644
	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	
	6401	(20,21)RS-3	MCLEAN	12	4
MCLEAN COUNTY					
URBAN MINOR AR	TERI	AL.			
ROADWAY/STRUCTU	JRE				
IMPROVEMENTS					
FAU 6401 (US 15	50)				
STA. 0+00					
STA. 12+27.5 100% STATE					
1000-2A					
TOTAL					
QUANTITY					
479.0	•				
10.0					
42.0					
402.0					
4,782.0					
1.0					
2.0					
1.0					
1.0					
1.0					
264.0					
63.0					
1,475.0					
148.0					
151.0					
50.0					
44.0					
63.0					
1,475.0					
148.0					
151.0					
50.0					
27.0					
010 0					

910.0

27.0



CONTRACT NO. 70644	DO TO 12+27.50 VARIABLE 31.0' TO 39.0'
6401 (ZO,ZI)RS-3 MCLEAN 12 5	6401 (ZO,Z)/RS-3 MCLEAN 12 5
)0 TO 12+27.50 VARIABLE 31.0' TO 39.0'
	DO TO 12+27.50 VARIABLE 31.0′ TO 39.0′

* 7+71.00 TO 12+27.50 VARIABLE 31.0' TO 39.0'

SUMMARY OF QUANTITIES

MANHOLES TO BE ADJUSTED

STATION	OFFSET	QUANTITY
0+412	10.6	1
0+751	1.8	1

TOTAL = 2 *

* AS PER PLAN PREPARATION MEMORANDUM 60-11, ONE MANHOLE WILL BE USED TO ESTABLISH PAY QUANTITY.

VALVE BOXES TO BE ADJUSTED

STATION	OFFSET	QUANTITY
12+19.2	17.5′ L+.	1
12+20.9	13.1′ R+.	1

TOTAL = 2

PAVEMENT MARKING

US 150 LETTERS 4" 4″ 6″ 12" 24" RRPM SYMBOLS WHITE YELLOW WHITE WHITE WHITE CRYSTAL STATION TO STATION (SQ FT) (FOOT) (FOOT) (FOOT) (FOOT) (FOOT) (EACH) 0+00 12+27.5 63.0 267.0 1208.0 151.0 148.0 50.0 27.0 TOTALS = 63.0 267.0 1208.0 148.0 151.0 50.0 27.0

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

US 150				
STATION	ΤO	STATION	TYPE	EACH
0+00		12+27.5 27	CRYSTAL	10
0+00		12+27.5 27	AMBER	17

TOTAL = 27

TEMPORARY RAMP

US 150					
STATION	ΤO	STATIO	N		SQ YD
0+00		0+05	_		20.27
12+22.50		12+27.	50		21.66
			USE	=	41.93
			TOTAL	=	42

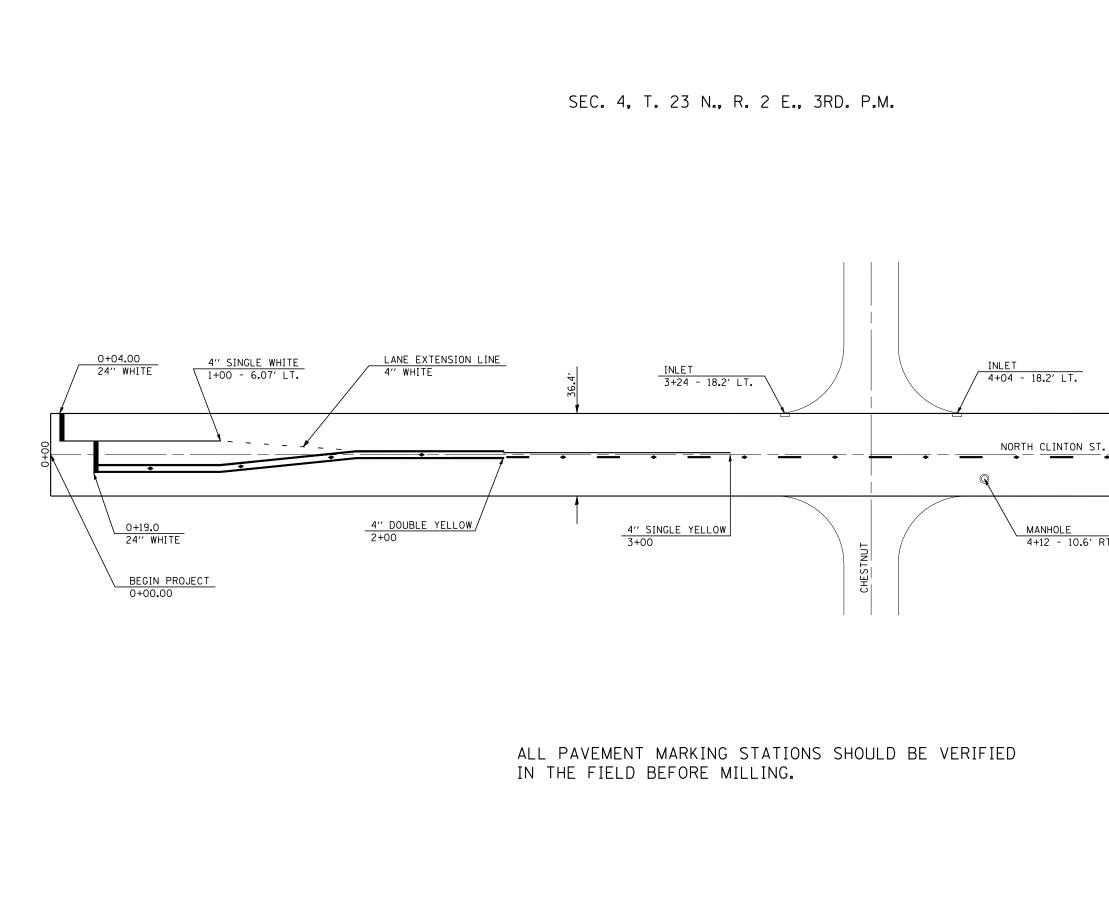
STATION TO 0+00

REMOVAL AREA FOR CROSSWALK AT LOCUST ST.

		CONTRACT	NO. 70	644	
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
6401	(Z0,Z1)RS-3	MCLEAN	12	6	

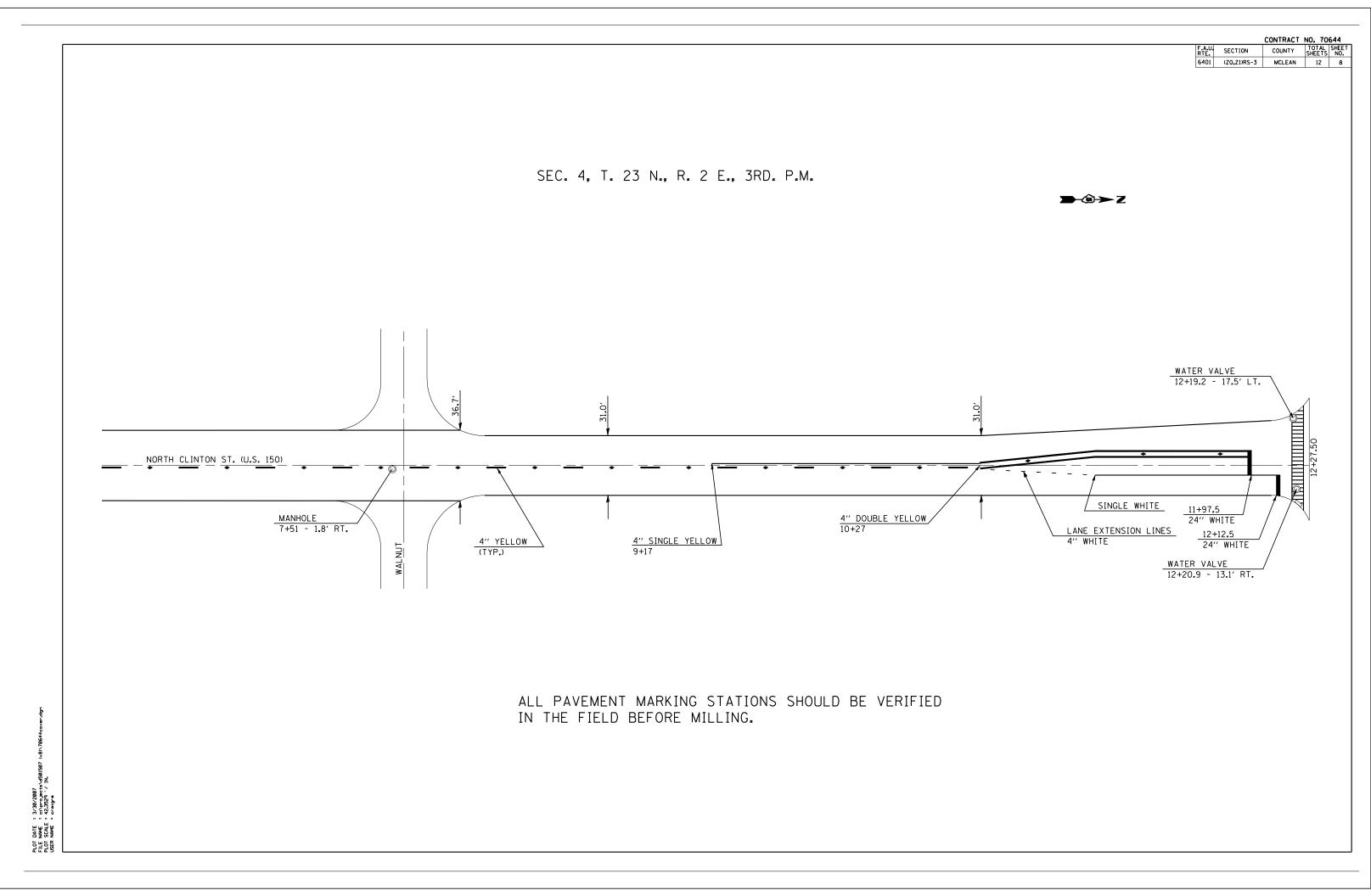
PAVEMENT MARKING REMOVAL

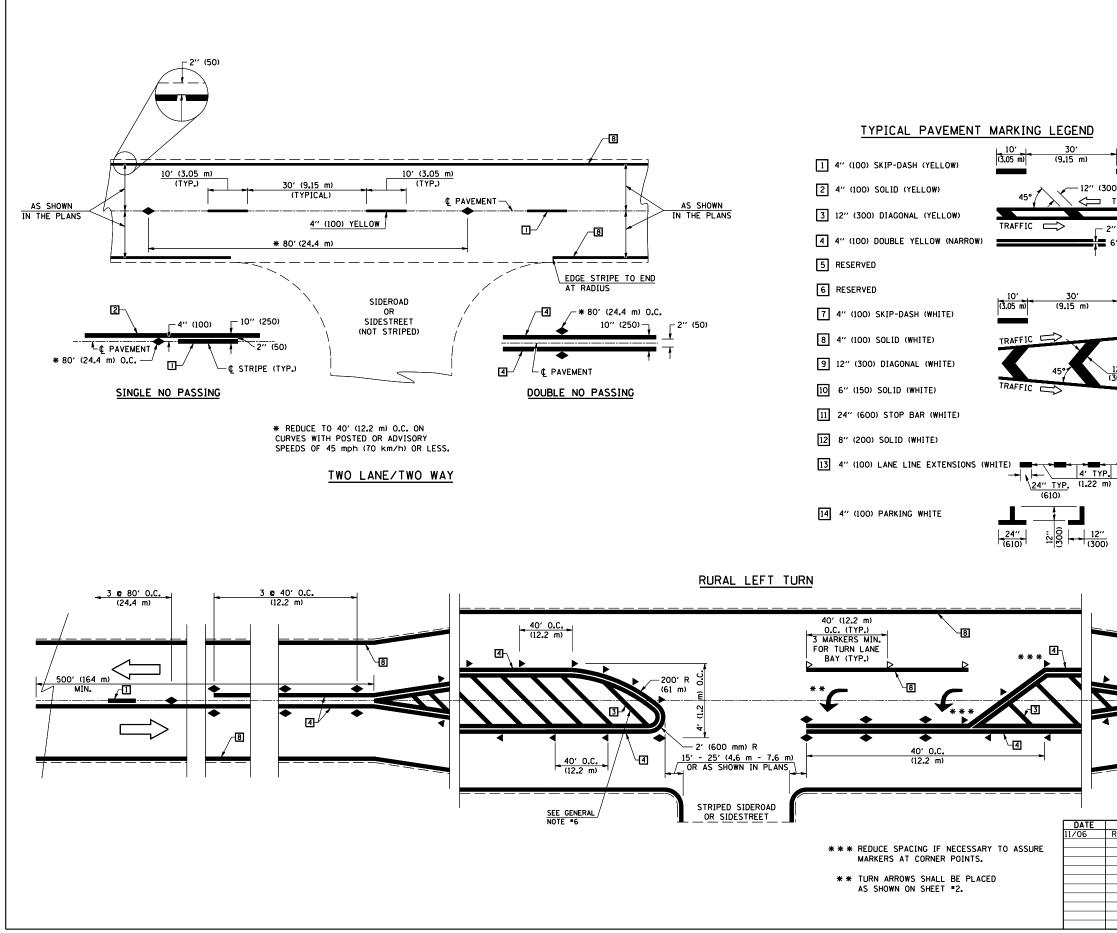
STATION		S0.	FT.	
0+06		910.	. 00	
	TOTAL =	910	SQ.	FΤ.



PLOT DATE = 3/30/2007 FILE NAME = city-cymeraid201507 (v81\70644cover.dgn PLOT GCALE = 42.3529 / / N. USER NAME = crougre

	CONTRACT NO. 7064
	F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEETS 6401 (ZO,Z1)RS-3 MCLEAN 12
> -(ŵ)→ Z	
(U.S. 150)	
_	4" YELLOW (TYP.)
•	

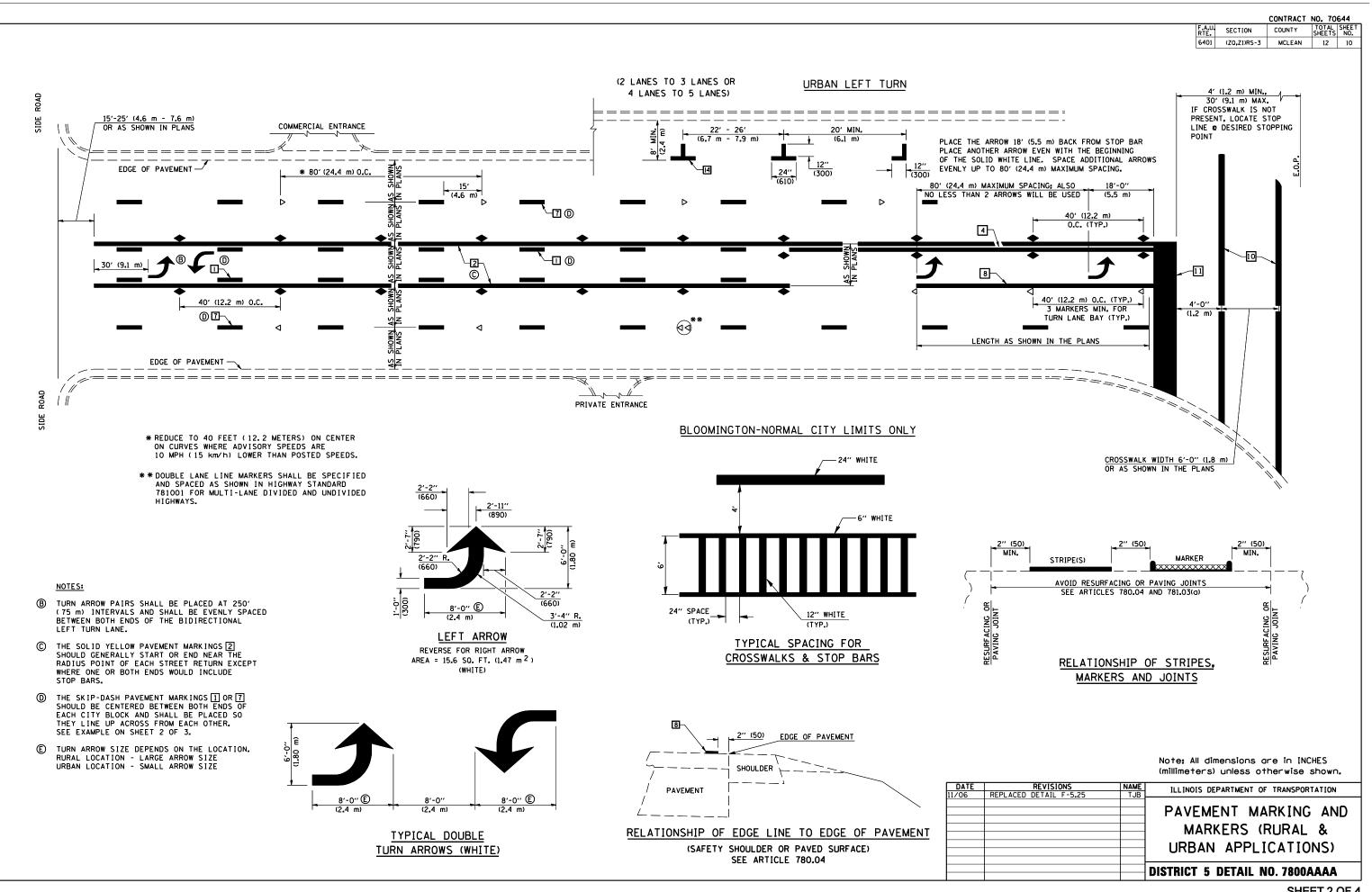




(v8)\70644cc T DATE : 3/30/2007 E NAME : c:\projects\d501507 (v T SCALE : 105.8824 '/ IN. R NAME : croigre

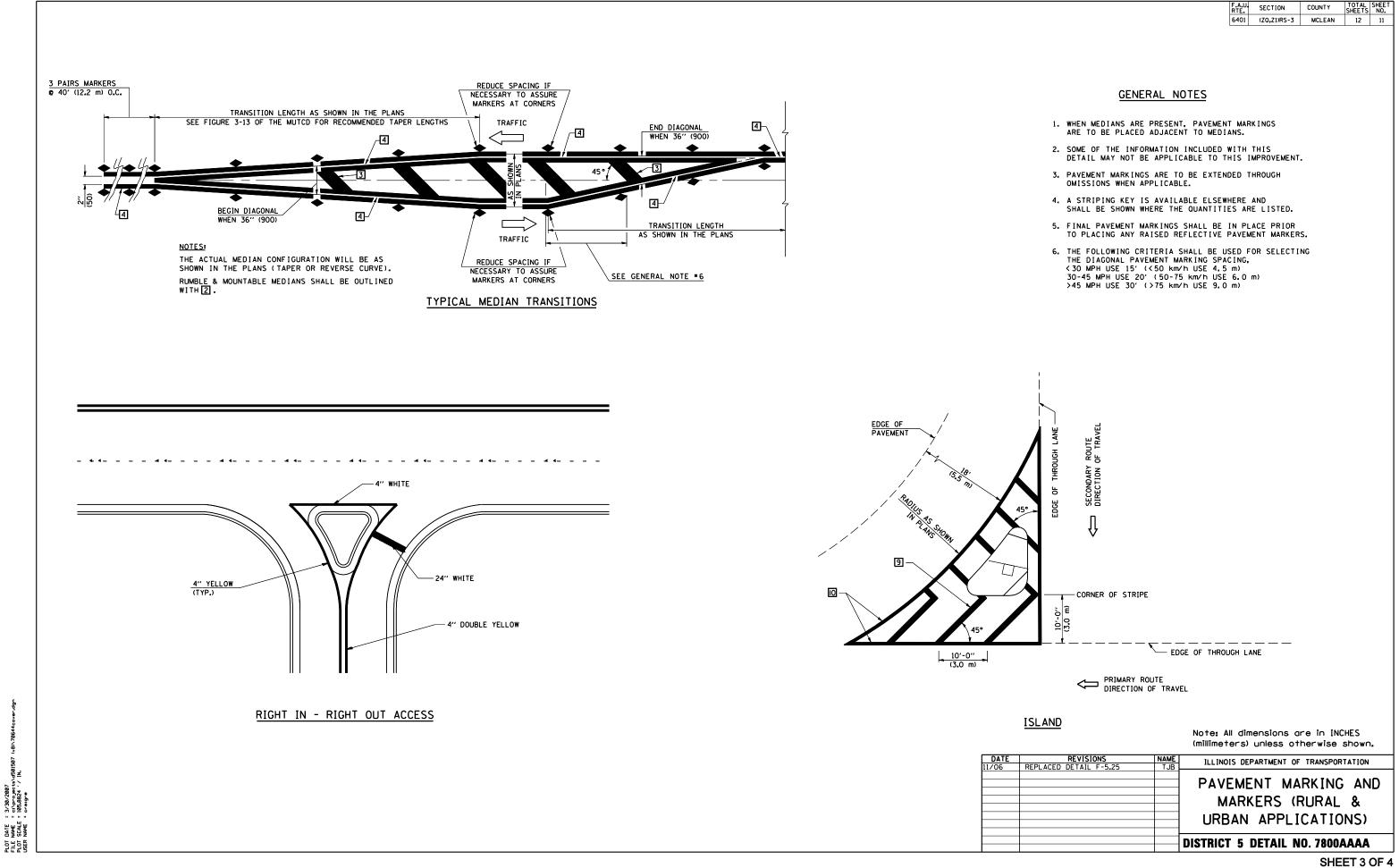
PLOT FILE VSER

						CONTRACT	NO 70644
				F.A.U. RTE.	SECTION	COUNTY	NO. 70644 TOTAL SHEET SHEETS NO.
				6401	(ZQ,Z1)RS-3	MCLEAN	12 9
10' (3,05 m) RAFFIC (50) (150) CTS.		<u>TYPIC</u>	▼ T▶ 0	WO-WAY NE-WAY	T MARKEI AMBER MARKE AMBER MARKE CRYSTAL MAF	ER IR	<u>END</u>
	<u>2"</u> 00) <u>TYP</u> . 510)						
		40' O.C. .2 m)				. <u>c.</u>	
					nensions a unless ot		
REVIS EPLACED DETAIL	IONS F-5.25	TJB			PARTMENT OF		
			I	MAR	NT MA (ERS (F APPLI	RURAL	&
			UN	DAIN	AFFLI	CATIC	N2)



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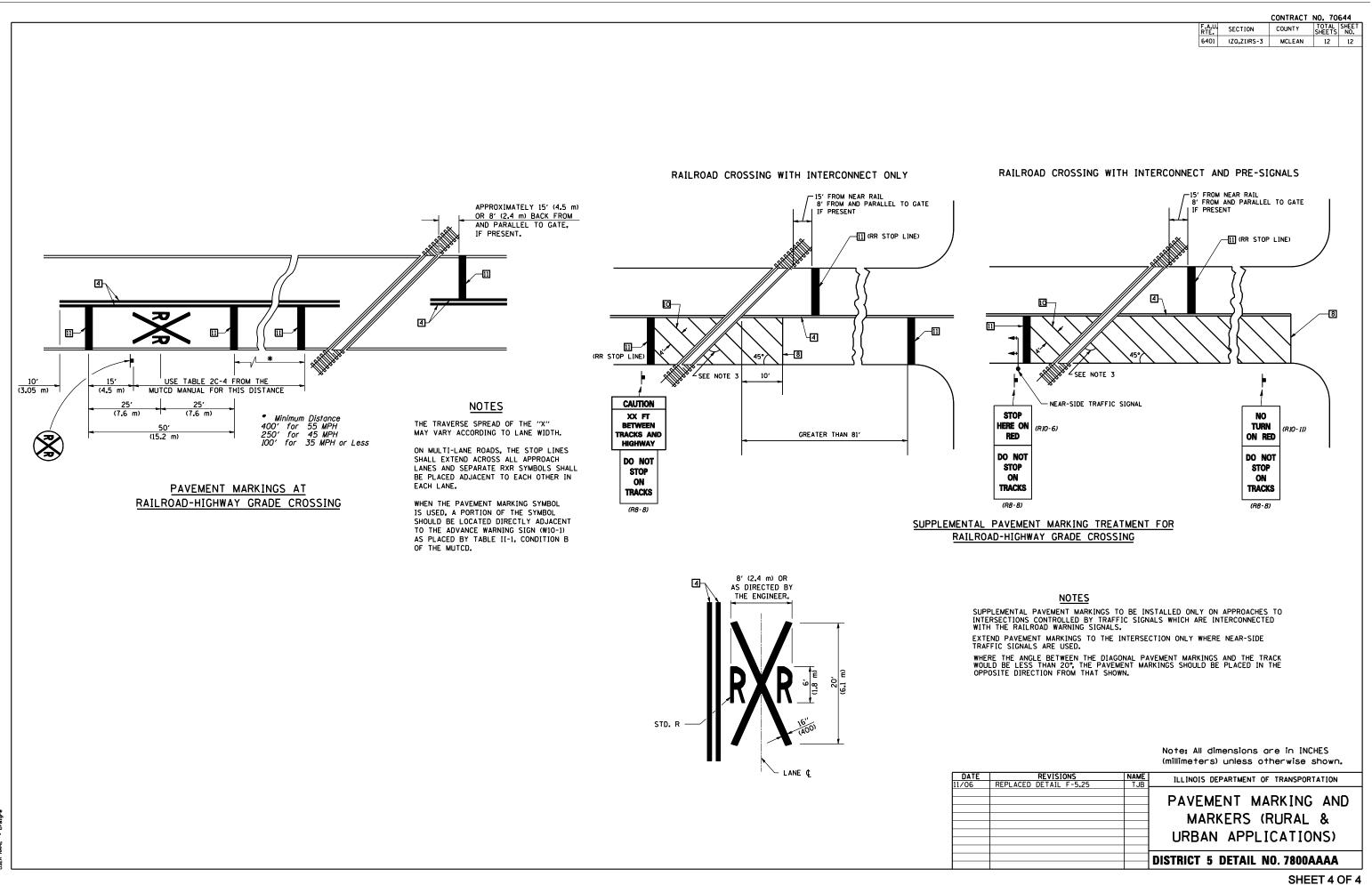
SHEET 2 OF 4



= 3/30/2007 = ci\projects\d501507 (= 105.8824 '/ IN.

		CONTRACT	NO. 70	644
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6401	(Z0,Z1)RS-3	MCLEAN	12	11

REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
REPLACED DETAIL F-5.25	TJB	
		PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
		DISTRICT 5 DETAIL NO. 7800AAAA



PLOT DATE = 3/30/2007 File NAME = cr/projects/4501507 (v8)/70644cc PLOT SCALE = 105,8024 * / IN. USER NAME = croigre