

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	.	MADISON	42	1

• 125RS-1, 125I-2TS-2

19
51

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

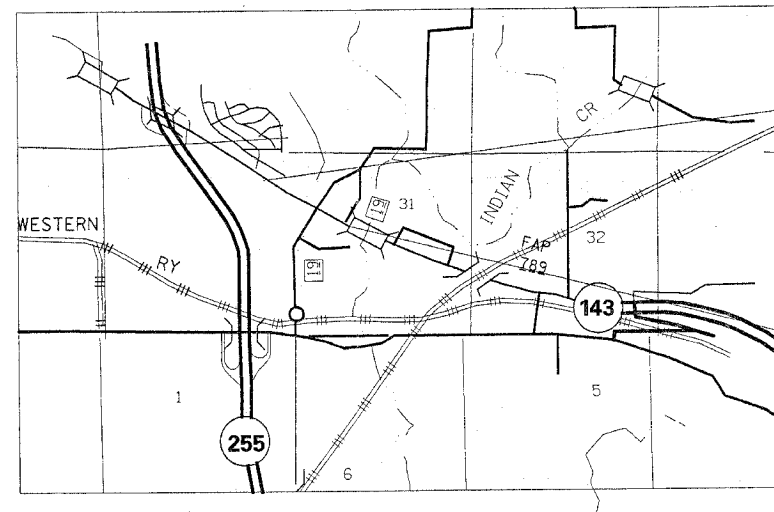
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 789 (IL 143)
SECTION 125RS-1, 125I-2TS-2

MADISON COUNTY
PROJECT: **HSIP-F-0789(046)**
C-98-021-06

INSTALLATION OF LEFT TURN LANE AND TRAFFIC SIGNALS

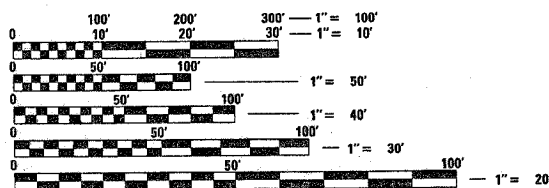
FOR INDEX OF SHEETS, SEE SHEET NO. 2



BEGIN
STA 204+35.00
LAT: N38.84627°
LONG: W90.04327°

END
STA 236+66.68
LAT: N38.84167°
LONG: W90.03385°

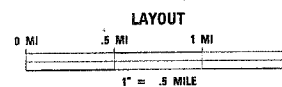
MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS



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

IL 143
OTHER PRINCIPAL ARTERIAL
ADT 2005 (10,700)
SU = 3.7%
MU = 2.3%



GROSS LENGTH = .61 MI = 3,231.68 FT
NET LENGTH = .61 MI = 3,231.68 FT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *January 31, 20 07*

Mary C. Janice
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER

March 23, 20 07
Eric E. Howard
ENGINEER OF DESIGN AND ENVIRONMENT

March 23, 20 07
Melton R. Sewell, P.E.
DIRECTOR, DIVISION OF HIGHWAYS

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

PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179
SQUAD LEADER: CHERYL KEPLAR (618) 346-3186

CONTRACT NO. 76994

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789		MADISON	42	3
• 125RS-1, 125I-2TS-2				

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	1000 90% FED 10% STATE	1000 90% FED 10% STATE	Y031-IF 90% FED 5% STATE 5% COUNTY	△
* 88040332	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1			1	
20200500	EARTH EXCAVATION (WIDENING)	CU YD	291.4		291.4		
25000200	SEEDING, CLASS 2	ACRE	0.7		0.7		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	63		63		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	63		63		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	63		63		
31101900	SUB-BASE GRANULAR MATERIAL, TYPE C	TON	320		320		
35600720	HOT-MIX ASPHALT BASE COURSE WIDENING, 11"	SQ YD	185		185		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	7.04	1.52	5.52		
40600300	AGGREGATE (PRIME COAT)	TON	29.39	7.15	22.24		
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	352.9		352.9		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	976	156	820		
40600990	TEMPORARY RAMP	SQ YD	124	32	92		
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	1224.7	407.2	817.5		
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	12820	4560	8260		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	16		16		
44003100	MEDIAN REMOVAL	SQ FT	10		10		
44004250	PAVED SHOULDER REMOVAL	SQ YD	170		170		
44200176	PAVEMENT PATCHING, TYPE I, 15 INCH	SQ YD	3		3		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	413		413		
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	135		135		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	247		247		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	156		156		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	206.3		206.3		
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	12.5	12.5			
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	3	3			
63200310	GUARDRAIL REMOVAL	FOOT	150	150			
63301210	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	556.25	556.25			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10	4	6		
67100100	MOBILIZATION	L SUM	1	0.5	0.5		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5		

* SPECIALTY ITEMS

△ Rev. 4-16-87

PLOT DATE = 1/23/2007
 FILE NAME = I:\Projects\125RS-1\125I-2TS-2\125I-2TS-2.dgn
 PLOT SCALE = 5/8"=1'-0"
 REFERENCE = #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	*	MADISON	42	4
• 125RS-1, 125I-2TS-2				

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	1000 90% FED 10% STATE	1000 90% FED 10% STATE	Y03I-IF 90% FED 5% STATE 5% COUNTY
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.5	0.5	
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1		1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1			1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10		10	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	8476	1032	7444	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	150.8		150.8	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	15940	7220	8720	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	916	123	793	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	144		144	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	941	114.6	826.4	
72000100	SIGN PANEL - TYPE 1	SQ FT	32		4	28
72000200	SIGN PANEL - TYPE 2	SQ FT	50	20		30
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	2	4	
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	48.7	11.2	25	12.5
73000100	WOOD SIGN SUPPORT	FOOT	48	32	16	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	150.8		150.8	
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15940	7220	8720	
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	405		405	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	916	123	793	
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	175		175	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	112	38	74	
78200410	GUARDRAIL MARKERS, TYPE A	EACH	10	10		
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	99	30	69	
80300100	LOCATING UNDERGROUND CABLE	FOOT	175			175
80500100	SERVICE INSTALLATION, TYPE A	EACH	1			1
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	147			147
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	21			21
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	140			140

*SPECIALTY ITEMS

Rev. 4-10-07

PLOT DATE = 1/23/2007
 FILE NAME = c:\p\projects\m483485\plan\p1n02406a.dgn
 PLOT SCALE = 1/8" = 1'-0"
 REFERENCE = REF A

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	1000 90% FED 10% STATE	1000 90% FED 10% STATE	Y031-1F 90% FED 5% STATE 5% COUNTY
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	10			10
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	30			30
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	8			8
81018400	CONDUIT PUSHED, 1 1/2" DIA., GALVANIZED STEEL	FOOT	46			46
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	80			80
81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	55			55
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	122			122
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4			4
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1			1
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	243			243
81900205	TRENCH AND BACKFILL FOR ELECTRICAL WORK (SPECIAL)	FOOT	36			36
85000500	MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION	EACH	1			1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1			1
* 85800300	FLASHER CONTROLLER, WITHOUT CABINET	EACH	1			1
87301115	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 2C	FOOT	2115			2115
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3100			3100
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	920			920
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3200			3200
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	30			30
87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	3			3
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1			1
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3			3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	46			46
87900200	DRILL EXISTING HANDHOLE	EACH	5			5
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1			1

* SPECIALTY ITEMS

Rev. 4-16-07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	.	MADISON	42	6
• 125RS-1, 125I-2TS-2				

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	1000 90% FED 10% STATE	1000 90% FED 10% STATE	Y031-1F 90% FED 5% STATE 5% COUNTY
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8			8
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2			2
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1			1
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1			1
88200300	TRAFFIC SIGNAL BACKPLATE, PLASTIC	EACH	10			10
88500100	INDUCTIVE LOOP DETECTOR	EACH	12			12
88600100	DETECTOR LOOP, TYPE I	FOOT	1700			1700
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2360			2360
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1
89502380	REMOVE EXISTING HANDHOLE	EACH	1			1
X0301183	GEOMETRICALLY PROGRAMMED LOUVER	EACH	2			2
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	7			7
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2238			2238

PLOT DATE = 1/23/2007
 PLOT NAME = C:\projects\125RS-1\125RS-1.dgn
 PLOT SCALE = 50.2000 / IN.
 REFERENCE = REF

* SPECIALTY ITEMS

△ REV. 4-10-07