

199

06-14-2019 LETTING ITEM 199

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	(520,108,109,110,111)PP-2	MADISON	7	1
		ILLINOIS	CONTRACT NO. 76M31	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA	
LOCATION	IL 4
2019 ADT	7500 (ACTUAL)
2039 ADT	9200 (ESTIMATED)
MU%	11.5
SU%	5.3

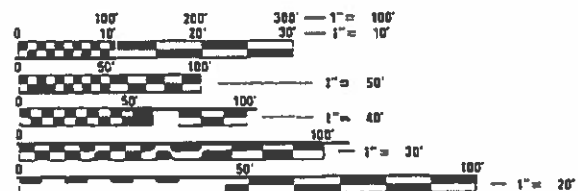
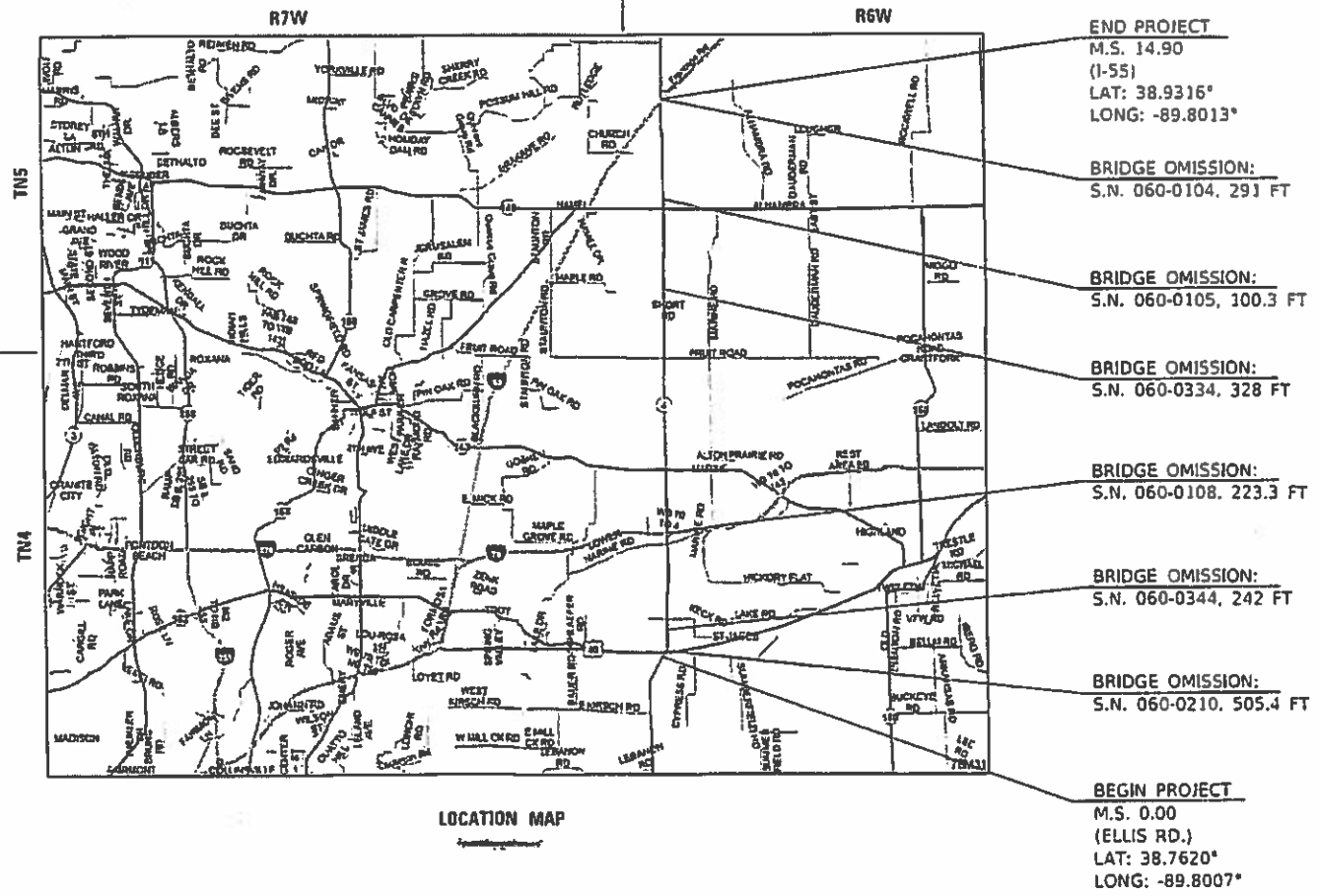
FUNCTIONAL CLASSIFICATION: OTHER ARTERIAL

PROPOSED HIGHWAY PLANS

FAP ROUTE 314 (IL 4)
SECTION (520,108,109,110,111)PP-2

PATCHING - IL 4 FROM I-55 TO US 40
MADISON COUNTY

C-98-051-19



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 EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: TIM PADGETT (618) 346-3325
PROJECT MANAGER: RAHSHUN J. MILLER (618) 346-3196

CONTRACT NO. 76M31

GROSS LENGTH = 78,672.00 FT. = 14.90 MILE
NET LENGTH = 76,982.00 FT. = 14.57 MILE

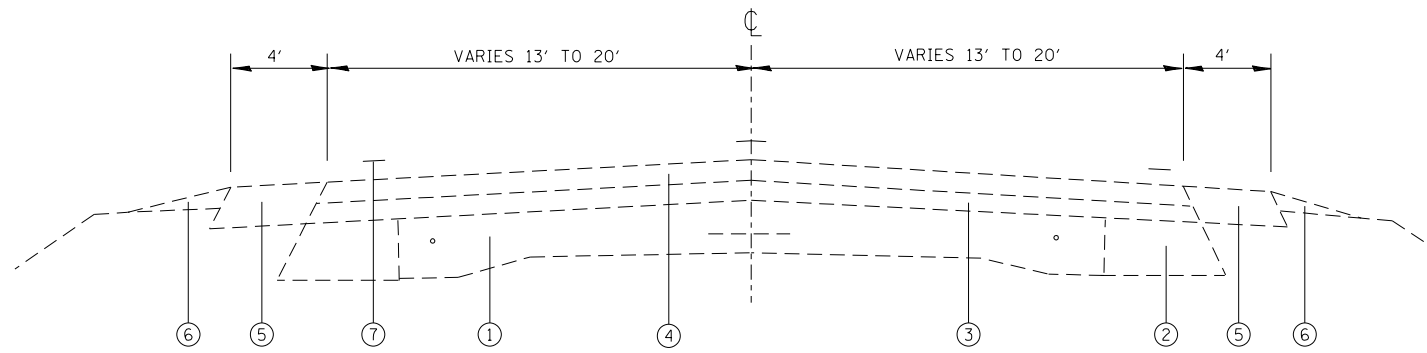
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 18 2019
K. Roberts
REGIONAL ENGINEER

May 10 2019
A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

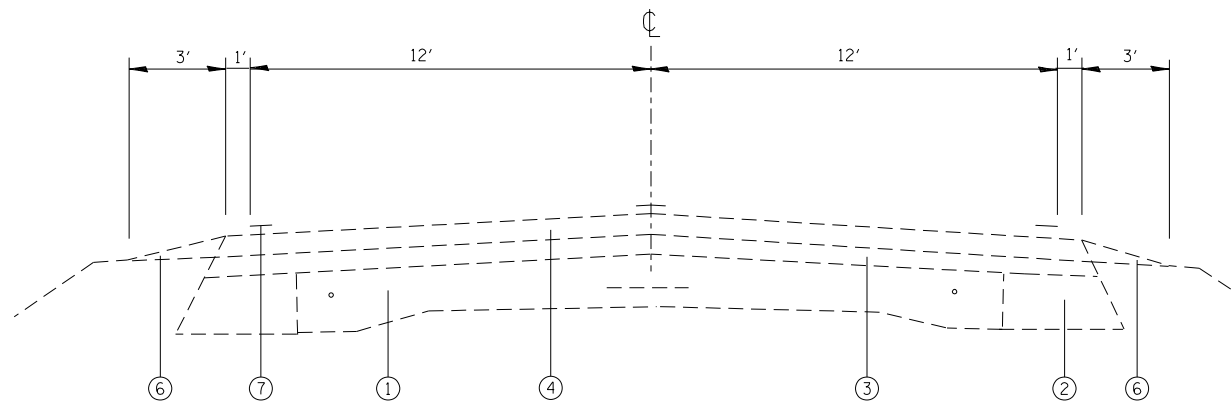
May 10 2019
Paul J. [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS



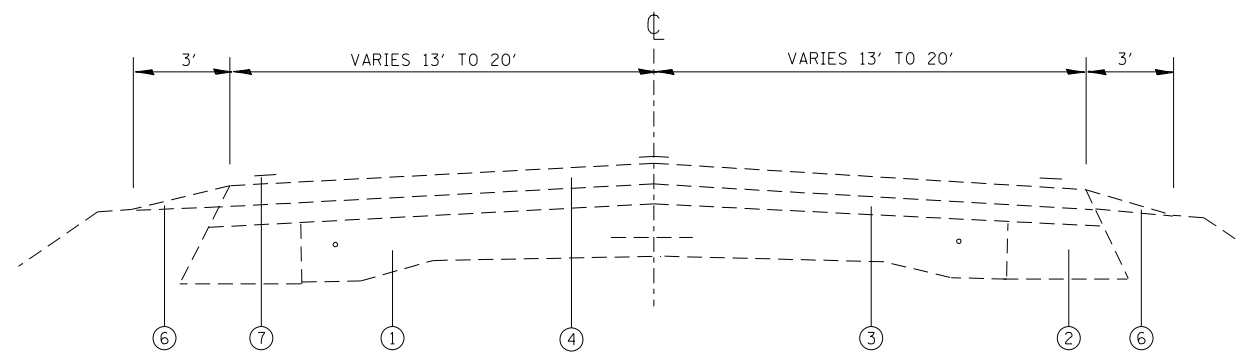
TYPICAL SECTION

M.S. 0.00 TO M.S. 0.39
M.S. 2.9 TO M.S. 3.50
M.S. 14.60 TO M.S. 14.90



TYPICAL SECTION

M.S. 0.39 TO M.S. 2.9
M.S. 3.50 TO M.S. 11.95.
M.S. 12.15 TO M.S. 14.60



TYPICAL SECTION

M.S. 11.95 TO M.S. 12.15

LEGEND

- ① EXISTING PCC PAVEMENT 9"-6"-9"
- ② EXISTING HMA BASE COURSE, 9"
- ③ EXISTING HMA RESURFACING, 3 1/4"
- ④ EXISTING HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 1 1/2"
- ⑤ EXISTING HMA SHOULDER, 8"
- ⑥ EXISTING AGGREGATE WEDGE SHOULDER
- ⑦ EXISTING PAVEMENT MARKINGS

MODEL: Default
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USER NAME = millerraj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/21/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	(520,108,109,110,111)PP-2	MADISON	7	4
CONTRACT NO. 76M31				
ILLINOIS		FED. AID PROJECT		

12" PAVEMENT PATCHING SCHEDULE							
MILE STATION	LENGTH	WIDTH	PAVEMENT PATCHING				
			TY-I	TY-II	TY-III	TY-IV	
			SQ YDS	SQ YDS	SQ YDS	SQ YDS	
NB	0.10	8	6		5.3		
NB	1.30	40	4			17.8	
NB	5.30	12	13			17.3	
SB	5.30	6	13		8.7		
SB	5.72	8	13		11.6		
NB	5.88	12	13			17.3	
SB	5.88	6	13		8.7		
SB	5.90	8	13		11.6		
SB	6.45	6	13		8.7		
NB	6.45	6	13		8.7		
SB	6.51	8	13		11.6		
NB	7.10	7	13		10.1		
SB	7.10	4	13		5.8		
SB	9.20	8	13		11.6		
SB	9.30	6	13		8.7		
SB	9.40	10	13		14.4		
NB	9.40	8	13		11.6		
SB	9.90	6	6	4.0			
SB	11.68	25	13			36.1	
NB	11.71	4	13		5.8		
NB	12.3	6	13		8.7		
SB	12.3	6	13		8.7		
NB	12.4	10	13		14.4		
SB	12.4	10	13		14.4		
NB	12.41	10	13		14.4		
NB	12.45	10	13		14.4		
SB	12.55	8	13		11.6		
NB	13.20	13	13			18.8	
NB	13.30	35	6			23.3	
NB	13.40	4	13		5.8		
SB	13.40	25	6			16.7	
NB	13.60	20	6		13.3		
NB	13.80	8	13		11.6		
SB	13.80	6	13		8.7		
SUB TOTAL				4	268.6	111.2	36.1
20% SUBTOTAL*				1	52.6	22.2	7.2
TOTAL				5	322	133	43

*NOTE: AN ADDITIONAL 20% HAS BEEN ADDED TO THE FINAL PATCHING QUANTITY TO ALLOW FOR WINTER DAMAGE FOR 2 SEASONS.

PAVEMENT MARKING SCHEDULE					
MILE STATION	LENGTH	NB/SB	THERMOPLASTIC PAVEMENT MARKING 4"		RAISED REFLECTIVE PAVEMENT MARKERS
			WHITE	YELLOW	
			(FOOT)	(FOOT)	(EACH)
0.10	8	NB	8	2	1
1.30	40	NB	80	10	1
5.30	12	NB	24	3	1
5.30	6	SB	6	2	1
5.72	8	SB	8	2	1
5.88	12	NB	24	3	1
5.88	6	SB	6	2	1
5.90	8	SB	8	2	1
6.45	6	SB	6	2	1
6.45	6	NB	6	2	1
6.51	8	SB	8	2	1
7.10	7	NB	7	2	1
7.10	4	SB	4	1	1
9.20	8	SB	8	2	1
9.30	6	SB	6	2	1
9.40	10	SB	10	3	1
9.40	8	NB	8	2	1
9.90	6	SB	6	2	1
11.68	25	SB	50	6	1
11.71	4	NB	4	1	1
12.3	6	NB	6	2	1
12.3	6	SB	6	2	1
12.4	10	NB	10	3	1
12.4	10	SB	10	3	1
12.41	10	NB	10	3	1
12.45	10	NB	10	3	1
12.55	8	SB	8	2	1
13.20	13	NB	26	3	1
13.30	35	NB	70	9	1
13.40	4	NB	4	1	1
13.40	25	NB	50	6	1
13.60	20	NB	40	5	1
13.80	8	NB	8	2	1
13.80	6	SB	6	2	1
SUBTOTAL			551.0	92.3	34.0
SUBTOTAL OF PARTIAL DEPTH			1583.1	395.8	19.8
TOTAL:			2622		54

*NOTE: AN ADDITIONAL 20 RRPM REMOVAL HAS BEEN ADDED FOR THE PARTIAL DEPTH PATCHING LOCATIONS.

MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NTS		SHEET 2 OF 2 SHEETS		STA.	TO STA.
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SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	(520,108,109,110,111)PP-2	MADISON	7	6
CONTRACT NO. 76M31				
ILLINOIS FED. AID PROJECT				

