

040

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	16RS-6;17RS-4	FULTON	9	1
FEB. ROAD DIST. NO. 4		ILLINOIS	CONTRACT NO. 68F01	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

INDEX OF SHEETS:

- 1 COVER SHEET
- 2 COMMITMENTS AND JOB SPECIFIC NOTES
- 3 SUMMARY OF QUANTITIES
- 4-5 SCHEDULE OF QUANTITIES
- 6 LINE DIAGRAM
- 7 TYPICAL SECTION
- 8-9 DISTRICT STANDARDS

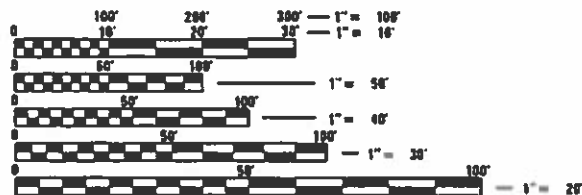
HIGHWAY STANDARDS

- 701301-04
- 701306-04
- 701311-03
- 701901-08
- 780001-05
- 781001-04

DISTRICT STANDARDS

- 780001-D4

ADT: 2,400 (2017)
 HCV: 330 (13.75%)
 SU: 150 (6.25%)
 MU: 180 (7.50%)



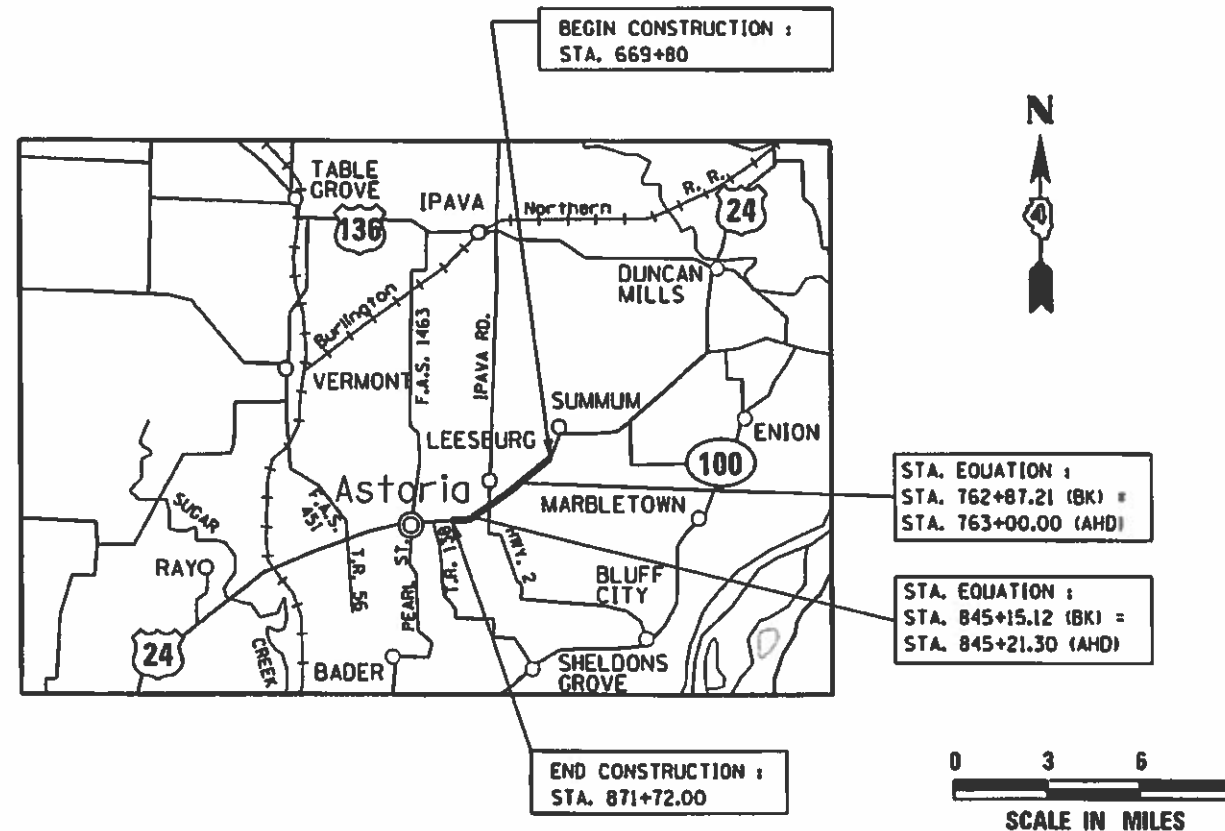
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-992-0123
 OR 811

PROJECT ENGINEER: RICHARD DOTSON (309) 671-3455
 PROJECT MANAGER: MICHAEL JACOBS (309) 671-3460

CATALOG NO. 035759-00D
 CONTRACT NO. 68F01

F.A.P. ROUTE 317 (US 24)
 SECTION 16RS-6;17RS-4
 PROJECT NHPP-NYF2(409)
 PAVEMENT PRESERVATION
 FULTON COUNTY
 C-94-056-19



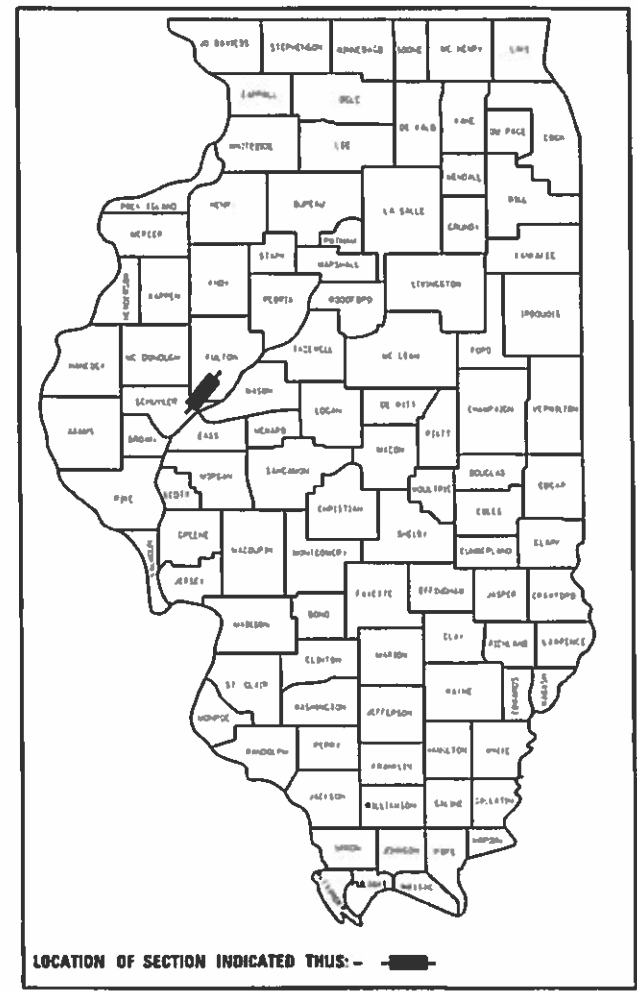
BEGIN CONSTRUCTION :
 STA. 669+80

STA. EQUATION :
 STA. 762+87.21 (BK) =
 STA. 763+00.00 (AHD)

STA. EQUATION :
 STA. 845+15.12 (BK) =
 STA. 845+21.30 (AHD)

END CONSTRUCTION :
 STA. 871+72.00

D-94-037-19



PROJECT DESCRIPTION:
 THE PROPOSED IMPROVEMENT CONSISTS OF MICROSURFACING (1 PASS) ON US 24 FROM ECL OF ASTORIA TO W OF IZAAK WALTON RD NEAR SUMMUM

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED Jan 31 20 20
Karol A. Garnett KSP
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 20 20
A. E. K.
 ENGINEER OF DESIGN AND ENVIRONMENT

March 20 20
James J. ...
 DIRECTOR OF HIGHWAYS, PROJECT IMPLEMENTATION

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

GROSS LENGTH OF IMPROVEMENT = 20192.00 FEET = 3.824 MILES
 NET LENGTH OF IMPROVEMENT = 20192.00 FEET = 3.824 MILES

COMMITMENTS:

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

JOB SPECIFIC NOTES:

NO PASSING ZONE VERIFICATION

THE RESIDENT ENGINEER SHALL CONTACT OPERATIONS TO VERIFY THE LOCATION OF NO PASSING ZONES PRIOR TO PLACEMENT OF CENTERLINE STRIPING.

SURFACE TESTS APPLICATION

SMOOTHNESS TESTS ON THE COMPLETED SURFACE WILL NOT BE REQUIRED; BUT THE ENGINEER RESERVES THE RIGHT TO REQUIRE CORRECTIVE MEASURES WHEN OBVIOUS SURFACE VARIATIONS ARE PRESENT.

STATIONING

**THE EXISTING ROADWAY STATIONS SHALL BE COVERED PRIOR TO THE MICRO-SURFACING APPLICATION.
THE COVER SHALL BE REMOVED AFTER WORK IS COMPLETED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE
"TRAFFIC CONTROL AND PROTECTION STANDARD 701306"**

PAINT PAVEMENT MARKING

TWO APPLICATIONS SHALL BE APPLIED. THE FIRST APPLICATION SHALL BE APPLIED AFTER THE PROPOSED TREATMENT CURING TIME AS SPECIFIED IN THE STANDARD SPECIFICATIONS. THE SECOND APPLICATION SHALL BE APPLIED THIRTY (30) DAYS AFTER THE FIRST APPLICATION IS APPLIED.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COMMITMENTS & JOB SPECIFIC NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	16RS-6;17RS-4	FULTON	9	2
CONTRACT NO. 68F01				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE	
				FULTON COUNTY	80% FEDERAL 20% STATE 0005
4040001	FIBER-MODIFIED ASPHALT CRACK SEALING	FOOT	12000	12000	
4040020	BUMP REMOVAL	EACH	20	20	
40400118	MICRO-SURFACING, SINGLE PASS	SQ YD	59847	59847	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	13465	13465	
67100100	MOBILIZATION	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	10	10	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2017	2017	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	672	672	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	117892	117892	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	252	252	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	252	252	
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	19763	19763	

*= SPECIALTY ITEM

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DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	16RS-6;17RS-4	FULTON	9	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F01	

MOBILIZATION	
LOCATION	LSUM
STA. 669+80 TO STA. 871+72	1
TOTAL	1

BUMP REMOVAL	
LOCATION	EACH
STA. 669+80 TO STA. 871+72	20
TOTAL	20

FIBER-MODIFIED ASPHALT CRACK SEALING	
LOCATION	LENGTH FT
STA. 669+80 TO STA. 871+72	12,000
TOTAL	12,000

TRAFFIC CONTROL AND PROTECTION STANDARD 701306	
LOCATION	LSUM
STA. 669+80 TO STA. 871+72	1
TOTAL	1

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
NBL & SBL	
STA. 669+80 TO STA. 871+72	252
TOTAL	252

RAISED REFLECTIVE PAVEMENT MARKER	
LOCATION	EACH
NBL & SBL	
STA. 669+80 TO STA. 871+72	252
TOTAL	252

CHANGEABLE MESSAGE SIGN	
	CAL DAY
2 SIGNS @ 5 DAYS EACH	10
TOTAL	10

SHORT TERM PAVEMENT MARKING REMOVAL		
LOCATION	LENGTH FT	AREA SQ FT
NBL & SBL		
STA. 669+80 TO STA. 871+72	2,017	672
TOTAL	2,017	672

SHORT TERM PAVEMENT MARKING	
LOCATION	LENGTH FT
NBL & SBL	
STA. 669+80 TO STA. 871+72	2,017
TOTAL	2,017

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

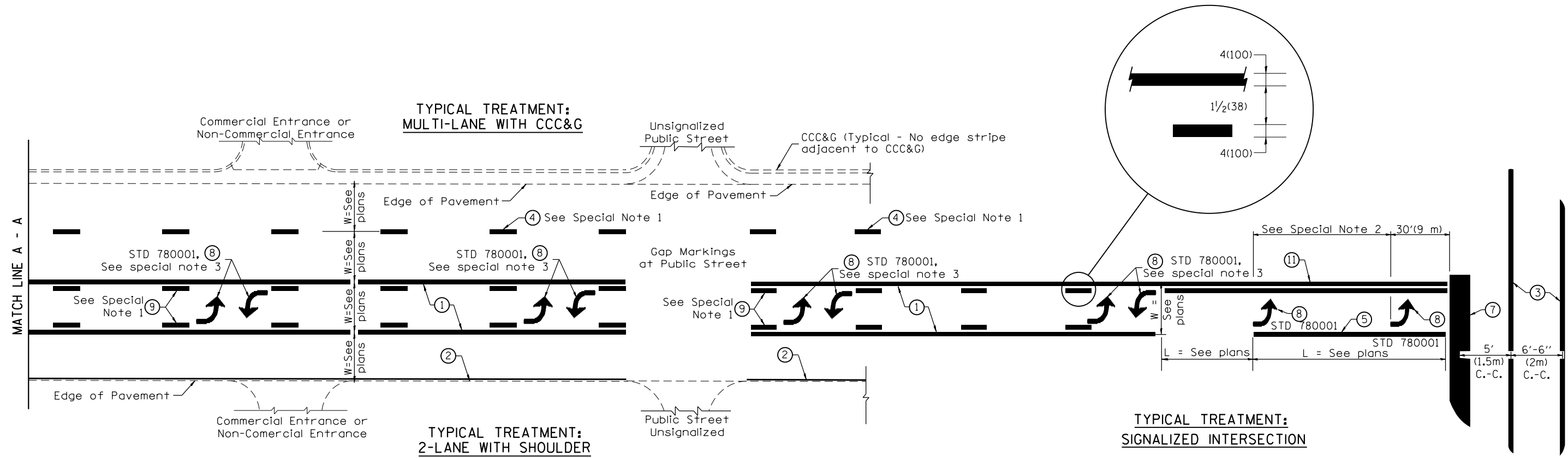
SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	16RS-6;17RS-4	FULTON	9	5
			CONTRACT NO. 68F01	
		ILLINOIS	FED. AID PROJECT	

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)

MODEL: Default
FILE: Model - PavementMarkings.DWG
PROJECT: 16R5-6-17R5-4
OFFICE: District
DATE: 1/31/2020



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m) min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m) min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 45°
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.).
4. Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	16R5-6-17R5-4	FULTON	9	8
CONTRACT NO. 68F01				
ILLINOIS FED. AID PROJECT				

SHT. 1 OF 2
CADD STD. 780001-D4

