

INDEX OF SHEETS: 03-10-2023 LETTING ITEM 091

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

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

DISTRICT STANDARDS

780001

ADT = 1,550 (2019)
 %SU = 2.58 (2019)
 %MU = 4.52 (2019)



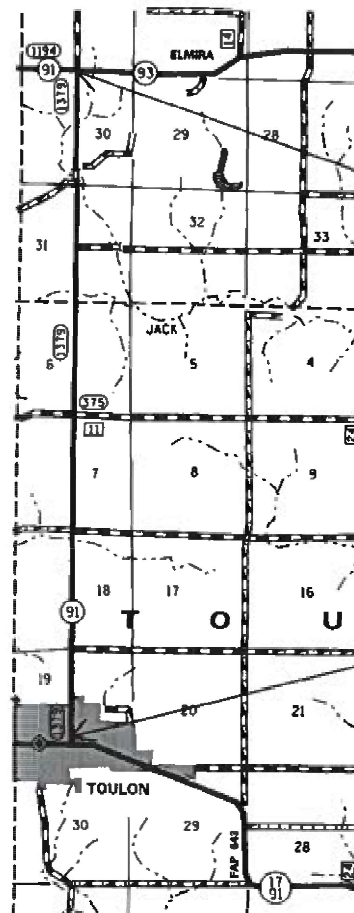
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 QR 811

PROJECT ENGINEER RICH DOTSON (309-671-3455)
 PROJECT MANAGER MICHAEL JACOBS (309-671-3460)
 CATALOG NO. 036201-00D
 CONTRACT NO. 68G35

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

F.A.S. ROUTE 1379 (IL 91)
 SECTION 108RS-6
 PROJECT STP-XH05(599)
 PAVEMENT PRESERVATION
 STARK COUNTY
 C-94-056-21



PROJECT BEGINS
 STA. 0 + 72

PROJECT ENDS
 STA. 306 + 79

GROSS LENGTH = 30607 FT. = 5.80 MILES
 NET LENGTH = 30607 FT. = 5.80 MILES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1379	108RS-6	STARK	11	1
ILLINOIS CONTRACT NO. 68G35				

D-94-037-21



LOCATION OF SECTION INDICATED THIS: —■—

DESCRIPTION OF WORK:

MICROSURFACING (1-PASS) ON IL 91 FROM IL 93 TO IL 17

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED November 30, 2022

Ronald A. James
 REGIONAL ENGINEER

February 3, 2023 *San E. A. Etk*
 ENGINEER OF DESIGN AND ENVIRONMENT

February 3, 2023 *Stephen M. Smith*
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

COMMITMENTS:

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

JOB SPECIFIC NOTES:

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"

MODIFIED URETHANE 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.

NO PASSING ZONE VERIFICATION

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

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	DRAWN -	REVISED -
PLOT SCALE = 100 0000 1/16"	CHECKED -	REVISED -
PLOT DATE = 9/9/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COMMITMENTS & JOB SPECIFIC NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1379	108RS-6	STARK	11	2
CONTRACT NO 68G35				
ILLINOIS FED AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PEORIA COUNTY
				80% FEDERAL 20% STATE 0005
40400001	FIBER-MODIFIED ASPHALT CRACK SEALING	FOOT	1000	1000
40400020	BUMP REMOVAL	EACH	25	25
40400118	MICRO-SURFACING, SINGLE PASS	SO YD	94782	94782
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	21327	21327
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	17264	17264
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	5754	5754
* 78009004	MODIFIED URETHANE PAVEMENT MARKING- LINE 4"	SO FT	163982	163982
* 78009024	MODIFIED URETHANE PAVEMENT MARKING- LINE 24"	SO FT	26	26
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	382	382
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	382	382
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	27339	27339

*= 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 1375	SECTION 108RS-6	COUNTY STARK	TOTAL SHEETS 11	SHEET NO. 3
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CONTRACT NO: 68G35

MOBILIZATION	
LOCATION	LSUM
JOB SITE	1
TOTAL	1

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
STA. 0+72 TO STA. 306+79	382
TOTAL	382

RAISED REFLECTIVE PAVEMENT MARKER	
LOCATION	EACH
STA. 0+72 TO STA. 306+79	382
TOTAL	382

TRAFFIC CONTROL AND PROTECTION STANDARD 701306	
LOCATION	LSUM
JOB SITE	1
TOTAL	1

SHORT TERM PAVEMENT MARKING REMOVAL		
LOCATION	LENGTH	AREA
	FT	SQ FT
STA. 0+72 TO STA. 306+79	8632	2877
TOTAL		2877
TWO APPLICATIONS		5754

SHORT TERM PAVEMENT MARKING	
LOCATION	LENGTH
	FT
STA. 0+72 TO STA. 306+79	8632
TOTAL	8632
TWO APPLICATIONS	17264

*2 APPLICATIONS, ONE AFTER THE PAVEMENT MARKING REMOVAL AND ONE AFTER THE MICROSURFACING IS APPLIED

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL DAY
JOBSITE	
2 SIGNS @ 7 DAYS EACH	14
TOTAL	14

MICRO-SURFACING SINGLE PASS					
LOCATION			LENGTH	WIDTH	AREA
MAINLINE			FT	FT	SQ.YD
STATION	TO	STATION			
0+72	TO	294+87	29415	28	91514
294+87	TO	301+48	661	22	1616
301+48	TO	306+79	531	28	1652
TOTAL					94782

POLYMERIZED BITUMIN MATERIALS (TACK COAT)					
LOCATION			LENGTH	WIDTH	POUND
MAINLINE			FT	FT	
STATION	TO	STATION			
0+72	TO	294+87	29415	28	20591
294+87	TO	301+48	661	22	364
301+48	TO	306+79	531	28	372
TOTAL					21327

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE SHEET OF SHEETS STA TO STA

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1379	108RS-6	STARK	11	5
CONTRACT NO: 68G35			ILLINOIS FED. AID PROJECT	

PROJECT BEGINS

STA. 0+72

IL 91/IL 93

N 1320 RD

N 1300 RD

N 1250 RD

N 1100 RD / CH 11

IL 91

N1000 RD

N900 RD

CLINTON ST.

PROJECT ENDS

STA. 306+79

TOULON
IL 91/IL 17



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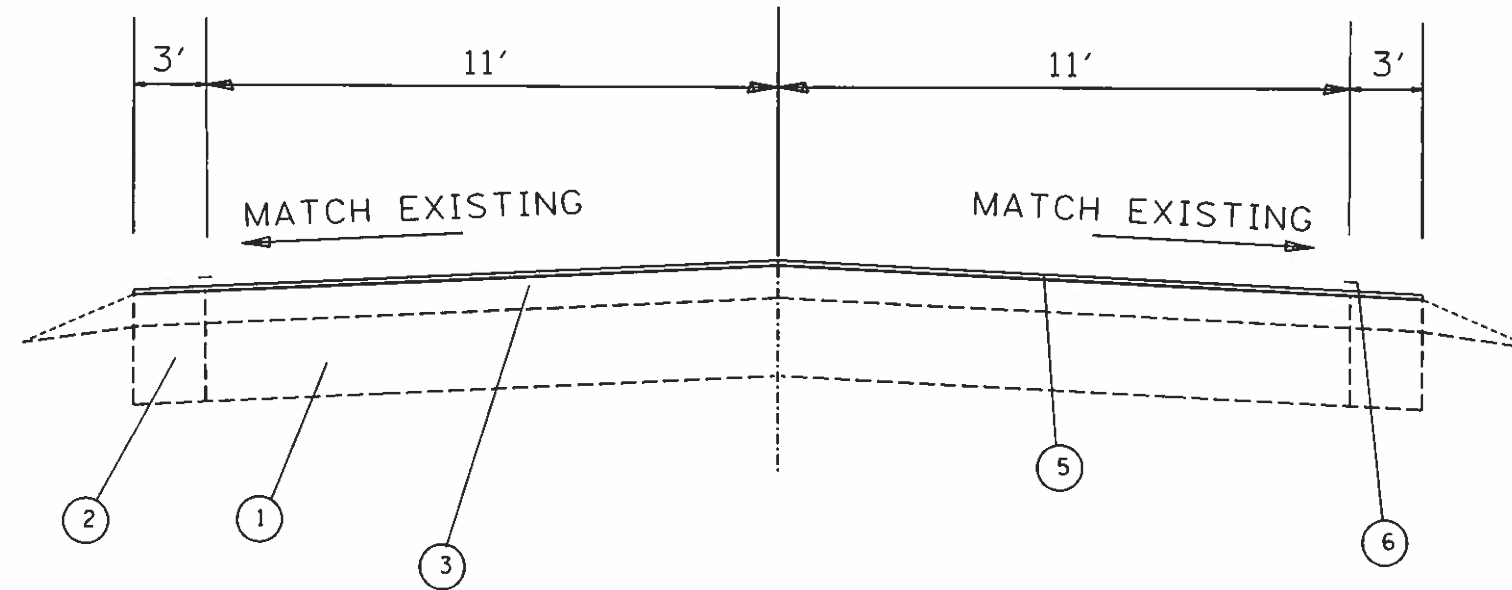
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 91
LINE DIAGRAM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1379	108RS-6	STARK	11	6

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT CONTRACT NO. 68G35

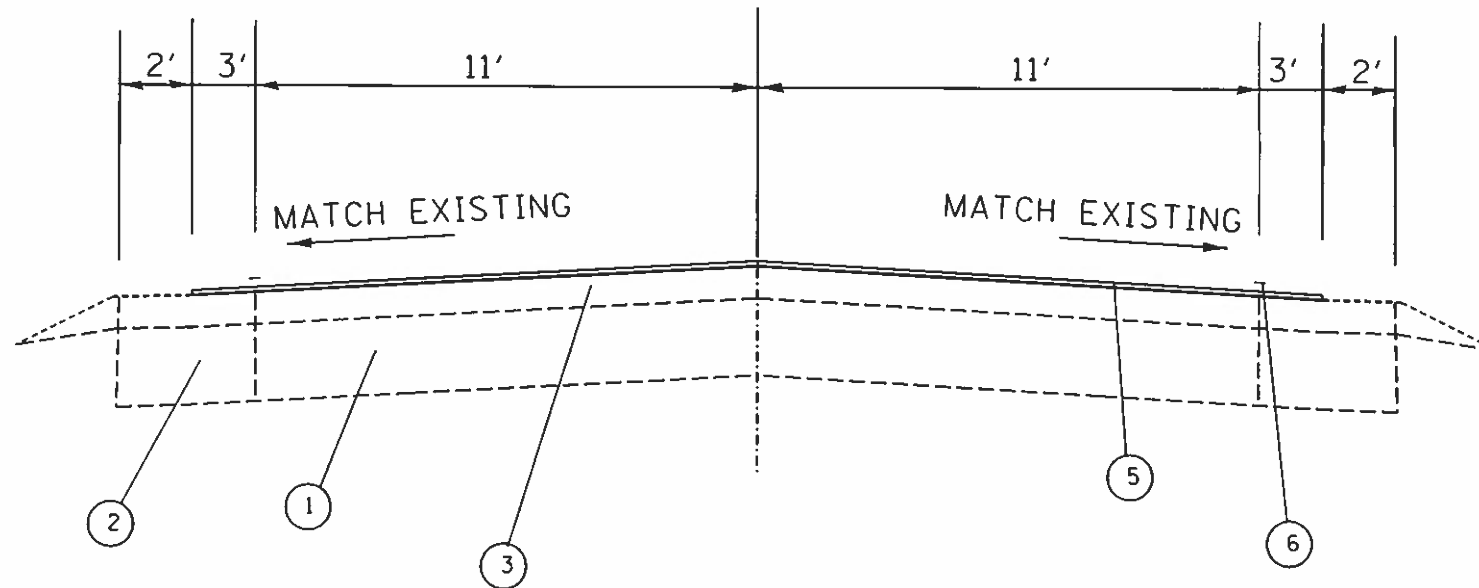


STA. 0+72 - 210+95
 STA. 217+32 - 294+87
 STA. 301+48 - 306+75

LEGEND:

- ① EXISTING P.C.C. PAVEMENT
- ② EXISTING HOT-MIX ASPHALT SHOULDERS
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING CONCRETE GUTTER
- ⑤ PROPOSED MICROSURFACING
- ⑥ PROPOSED PAVEMENT MARKING

FILE NAME *	USER NAME * lewis*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION ILLINOIS ROUTE 91			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT												

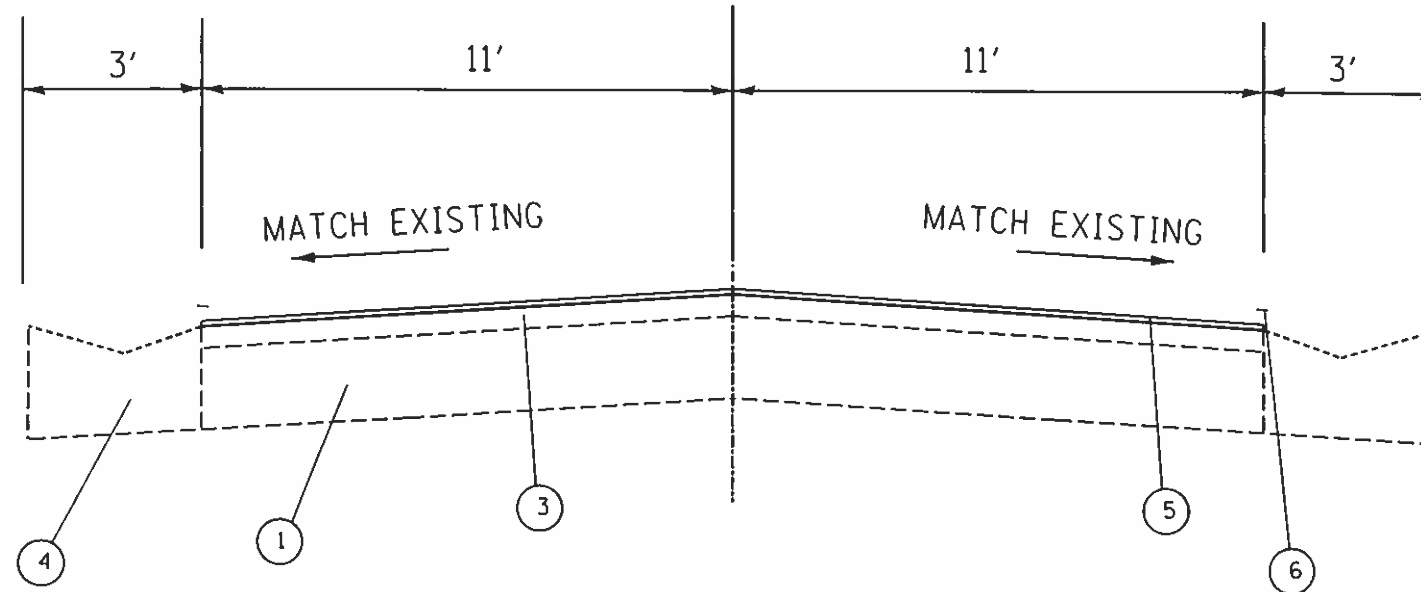


STA. 210+95 - 217+32

LEGEND:

- ① EXISTING P.C.C. PAVEMENT
- ② EXISTING HOT-MIX ASPHALT SHOULDERS
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING CONCRETE GUTTER
- ⑤ PROPOSED MICROSURFACING
- ⑥ PROPOSED PAVEMENT MARKING

FILE NAME *	USER NAME * Jewiser	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION ILLINOIS ROUTE 91				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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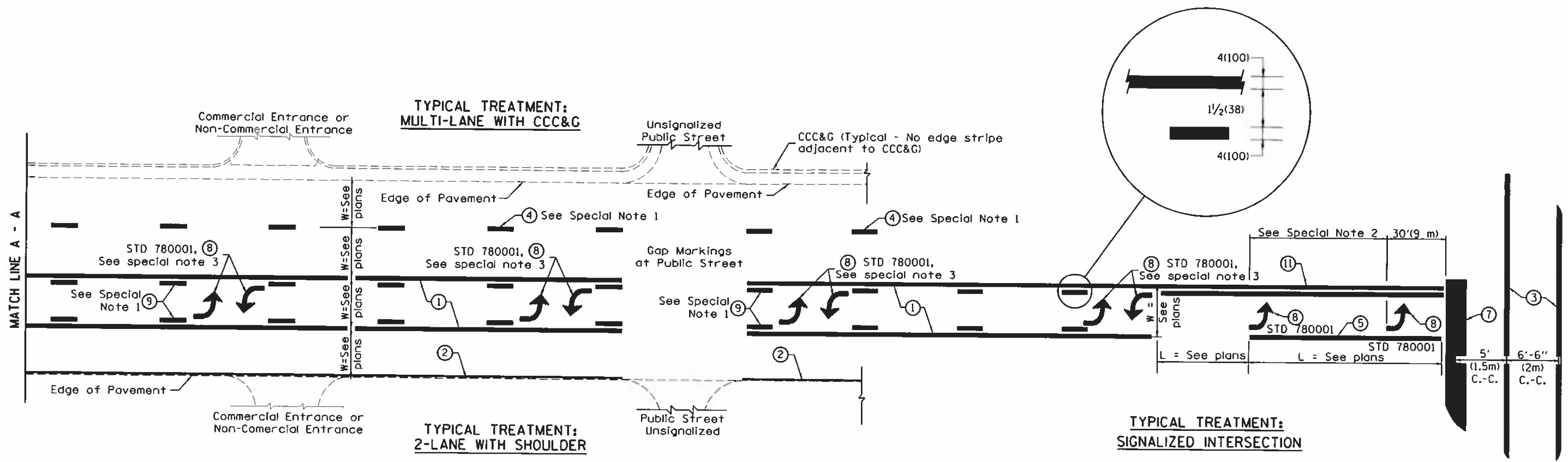


STA. 294+87 - 301+48

LEGEND:

- ① EXISTING P.C.C. PAVEMENT
- ② EXISTING HOT-MIX ASPHALT SHOULDERS
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING CONCRETE GUTTER
- ⑤ PROPOSED MICROSURFACING
- ⑥ PROPOSED PAVEMENT MARKING

FILE NAME *	USER NAME * lewster	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION ILLINOIS ROUTE 91				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default		DATE -	REVISOR -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



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) ⑩
- ⑪ 4(100) Double Solid (Yellow) ⑪

SPECIAL NOTES

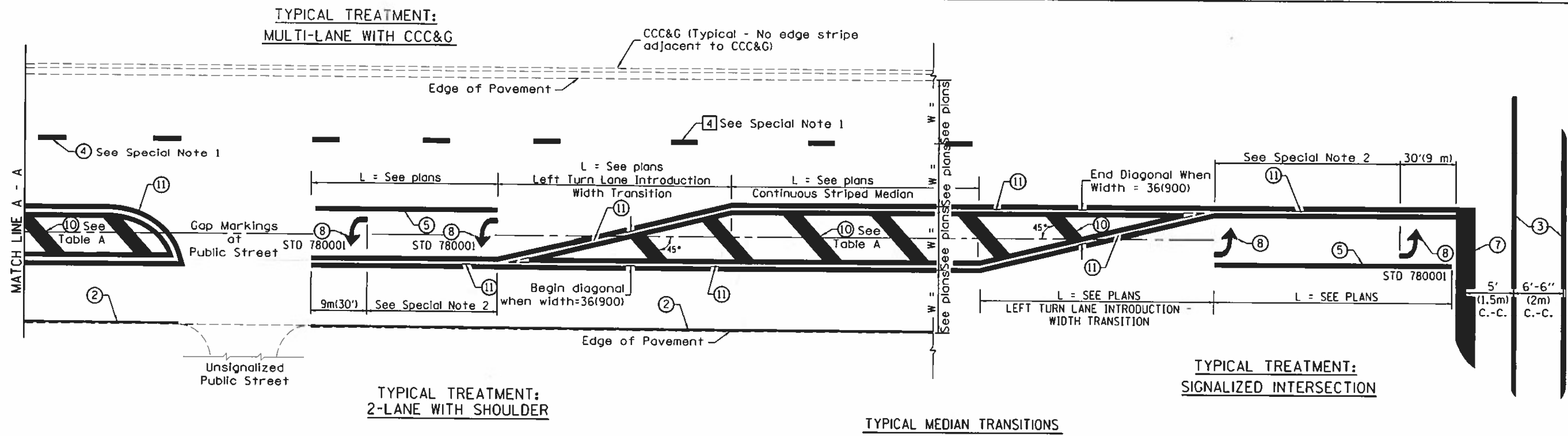
1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows 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.

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

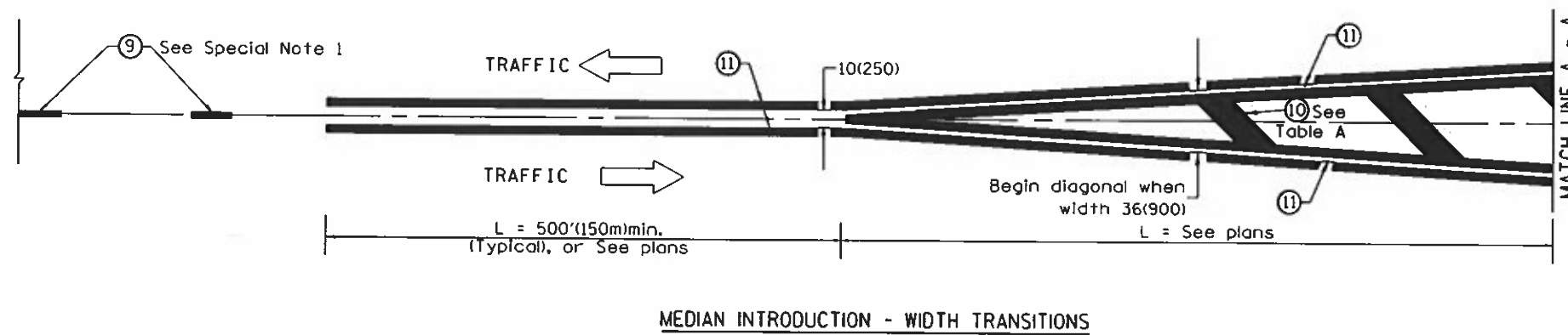
01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.					1379	108RS-6	STARK	11	10
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.									
08-02	ADD CROSSWALK DIMS. WITH T.S.	M.A.									
NOT TO SCALE						SHT. 1 OF 2 CADD STD. 780001-D4		CONTRACT NO. 68G35			



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1379	108RS-6	STARK	11	11
CONTRACT NO. 68G35				

NOT TO SCALE

SHT. 2 OF 2
CADD STD. 780001-04

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT