

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(78-1)RS-2;(1,2)RS-3	PUTNAM	10	1
FED. ROAD DIST. NO. 4		ILLINOIS	CONTRACT NO. 68F77	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 COMMITMENTS AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-5 SCHEDULES OF QUANTITIES
- 6 LINE DIAGRAM
- 7-8 TYPICAL SECTION
- 9-10 CADD STANDARDS

HIGHWAY STANDARDS:

000001-08	701421-08
701011-04	701426-09
701301-04	701901-08
701306-04	780001-05
701311-03	781001-04

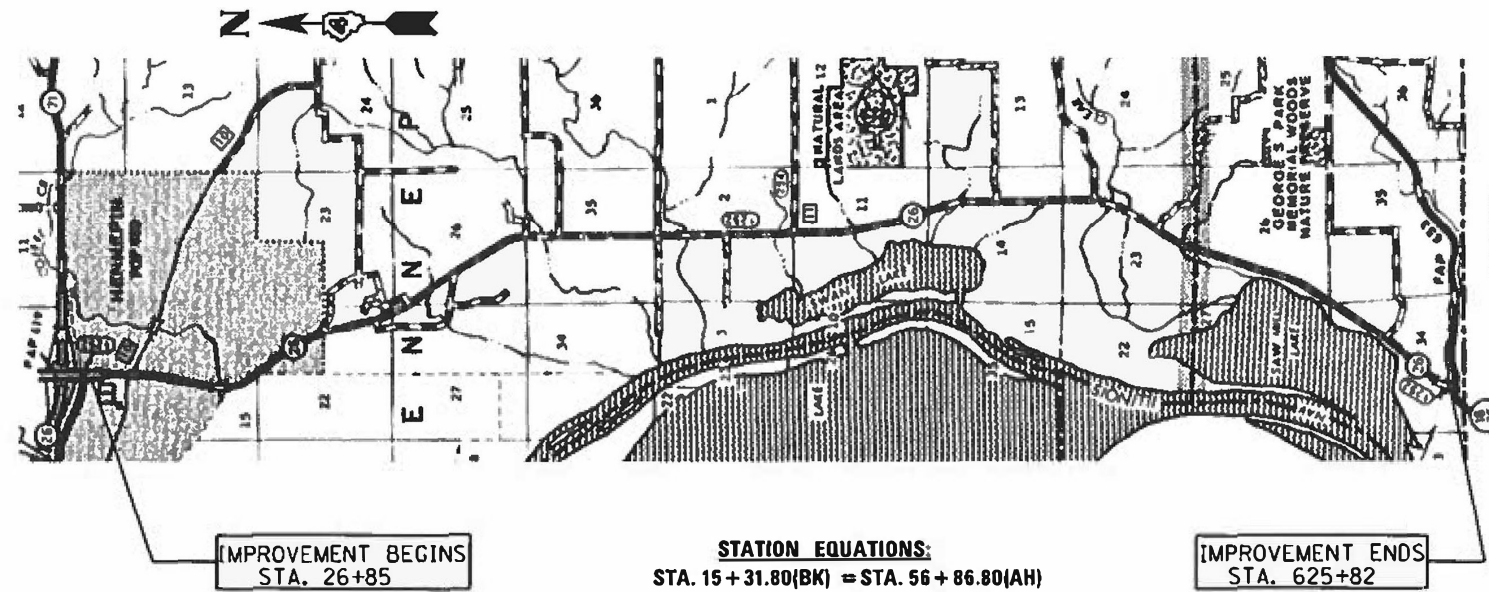
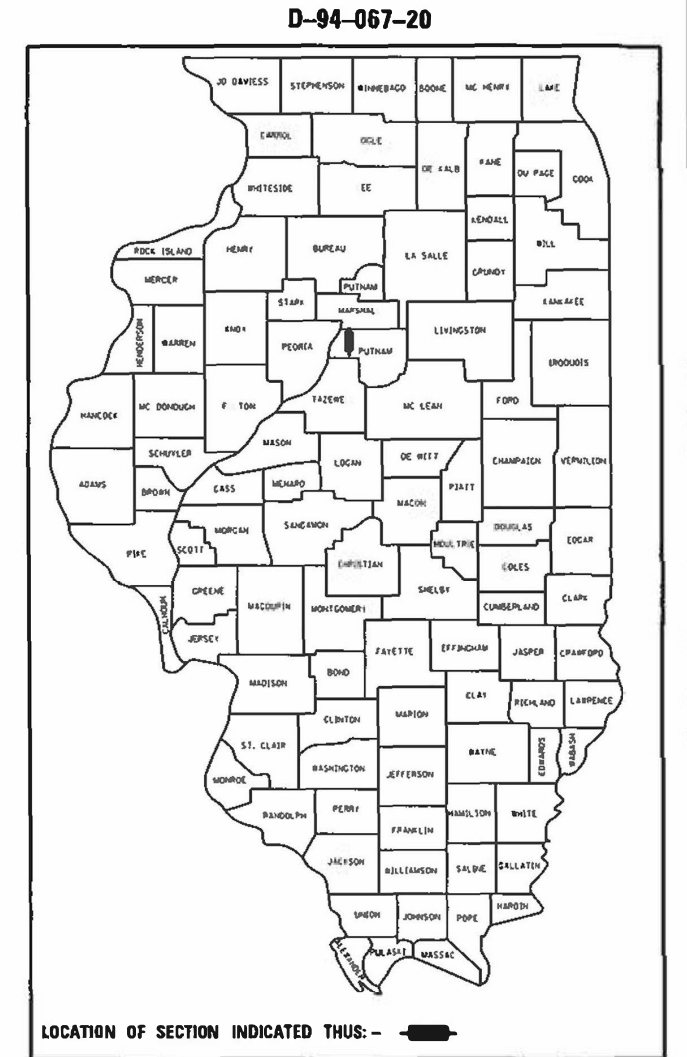
CADD STANDARDS:

780001-D4

ADT: 1000	(2019)
HCV: 20%	(2019)
SU: 13%	(2019)
MU: 7%	(2019)

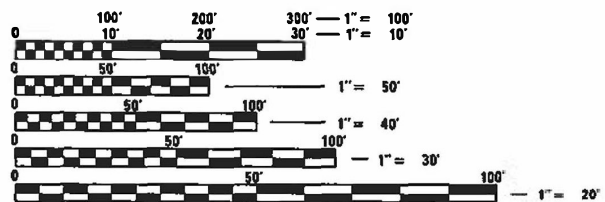
**PROPOSED
HIGHWAY PLANS**

FAS ROUTE 2370 (IL 26)
SECTION (78-1)RS-2;(1,2)RS-3
PROJECT STP - U60J(462)
PAVEMENT PRESERVATION
PUTNAM COUNTY
C-94-099-20



PROJECT DESCRIPTION:

CHIP SEAL A-2 WITH FOG SEAL ON IL 26
SOUTH OF IL 71 TO IL 18



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
OR 811

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

CATALOG NO. 036078-00D
CONTRACT NO. 68F77

GROSS LENGTH = 57,948 FT. = 10.98 MILE
NET LENGTH = 55,737 FT. = 10.56 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 9, 2021
[Signature] REGIONAL ENGINEER

February 4, 2022
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

February 4, 2022
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE	
				PUTNAM	COUNTY
				20% STATE	80% FEDERAL
				0005	
67100100	MOBILIZATION	L SUM	1	1	
70100310	TRAFFIC CONTROL AND PROTECTION STANDARD 701421	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION. STANDARD 701306	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	10	10	
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	32	32	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	109612	109612	
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	232752	232752	
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	120	120	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	EACH	30	30	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	453	453	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	453	453	
X0300010	BITUMINOUS MATERIALS (FOG SEAL)	POUND	67959	67959	
X1500005	BITUMINOUS SURFACE TREATMENT. A2	SQ YD	138700	138700	
X7810400	TEMPORARY RAISED PAVEMENT MARKER	EACH	2898	2898	

*= SPECIALTY ITEM

USER NAME : jw-150	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES				F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE : 9855.7943 / 1" = 100'	DRAWN -	REVISED -							2370	(78-1)RS-2(1,2)RS-3	PUTNAM	10	3
PLOT DATE : 11/30/2021	CHECKED -	REVISED -							CONTRACT NO. 6BF77				
	DATE -	REVISED -							SCALE:	SHEET	OF	SHEETS	STA.

PAINT PAVEMENT MARKINGS

STA.	TO	STA	LENGTH	LINE 4"				LINE 6"		LINE 8"	LINE 24"	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
				SKIP DASH YELLOW	DOUBLE YELLOW	NO PASSING ONE WAY		WHITE SKIP DASH	WHITE SOLID	WHITE SOLID	WHITE SOLID	
						SKIP DASH YELLOW	SOLID YELLOW					
			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT		
26+85	TO	18+27	295				295		590			
18+27	TO	15+31.8	858		1716			280	1716	60	15.6	
STA EQT 15+31.8 BK = 56+86.8 AH												
56+86	TO	58+32	145				145		290			
58+32	TO	66+62	830	210					1660		15.6	
66+62	TO	76+12	950				950		1900			
76+12	TO	103+32	2720		5440				5440			
103+32	TO	114+42	1110				1110		2220			
114+42	TO	130+42	1600	400					3200			
130+42	TO	142+12	1170				1170		2340			
142+12	TO	179+92	3780		7560				7560			
179+92	TO	190+92	1100				1100		2200			
190+92	TO	220+92	3000	750					6000			
220+92	TO	228+92	800				800		1600			
228+92	TO	239+42	1050		2100				2100			
239+42	TO	250+02	1060				1060		2120			
250+02	TO	394+02	14400	3600					28800			
394+02	TO	402+62	860				860		1720			
402+62	TO	407+72	510		1020				1020			
407+72	TO	414+52	680				680		1360			
414+52	TO	449+32	3480	870					6960			
449+32	TO	461+32	1200			300	1200		2400			
461+32	TO	478+32	1700		3400				3400			
478+32	TO	491+12	1280			320	1280		2560			
491+12	TO	496+62	550	140					1100			
496+62	TO	508+32	1170			300	1170		2340			
508+32	TO	531+32	2300		4600				4600			
531+32	TO	541+32	1000			250	1000		2000			
541+32	TO	562+82	2150			540	2150		4300			
562+82	TO	583+82	2100			530	2100		4200			
583+82	TO	605+82	2200	550					4400			
605+82	TO	617+32	1150			290	1150		2300			
617+32	TO	625+82	850		1700				1700	15		
SUBTOTAL			55,920	6,520	27,536	2,530	18,220	280	116,096	60	15	
TOTAL					54,806				116,376	60	15	
TWO APPLICATIONS					109,612				232,752	120	30	

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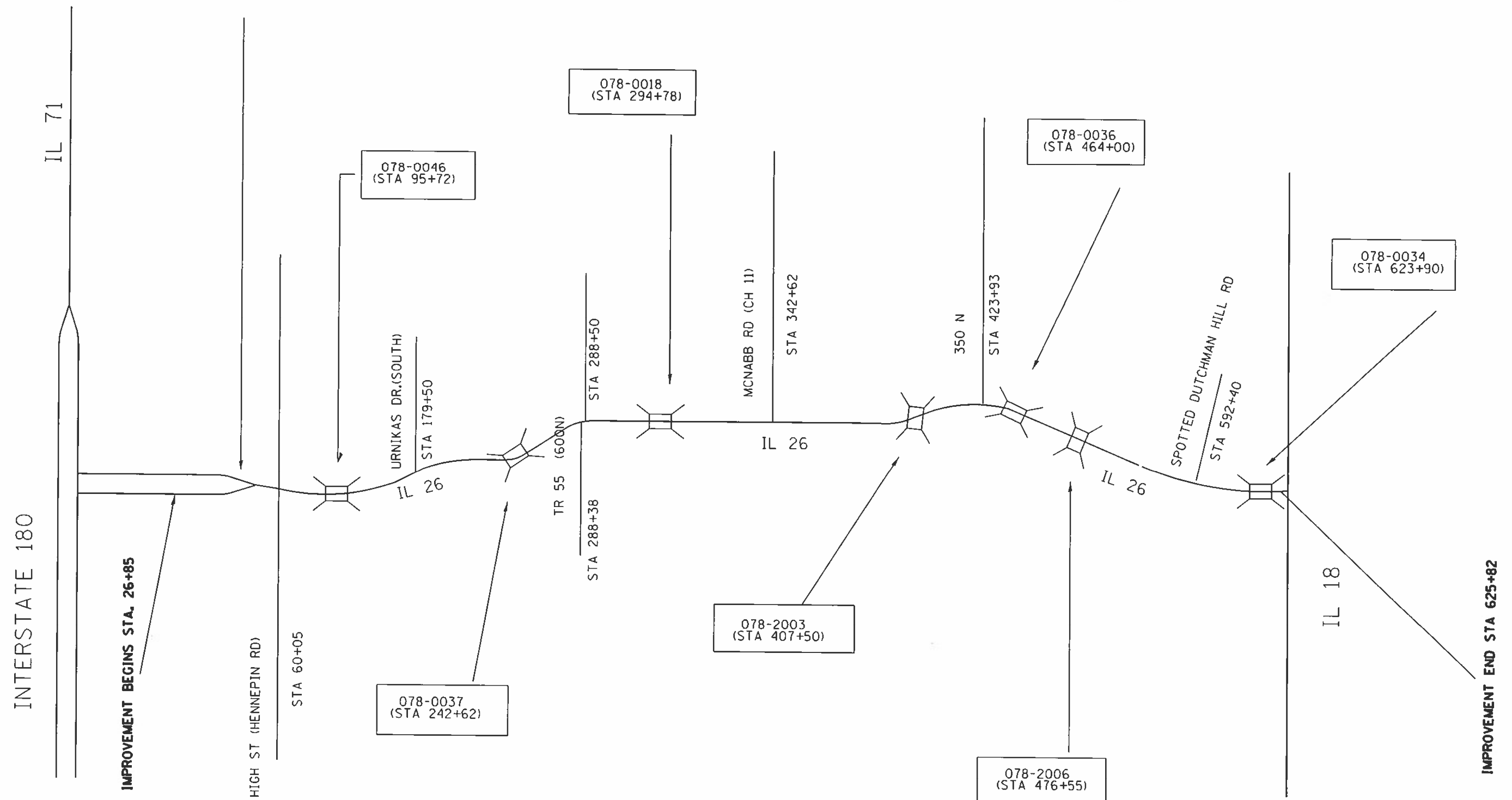
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PLOT DATE : 11/30/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	178-1RS-2(1.2)RS-3	PUTNAM	10	5
CONTRACT NO. 68F77			ILLINOIS FED. AID PROJECT	

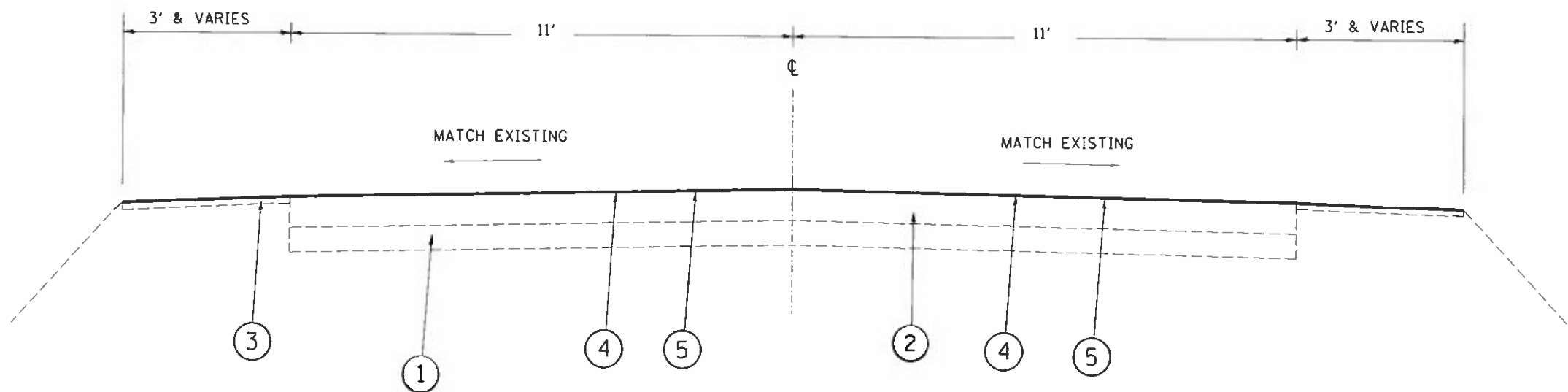
STA EQUA 15+31.8(BK) = 56+86.8(AH)



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(78-11RS-2)(1,2)RS-3	PUTNAM	10	6
CONTRACT NO. 68F77			ILLINOIS FED. AID PROJECT	



STA 56 + 86.80(AH) - 625 + 82

LEGEND

- ① EXISTING AGGREGATE SUBBASE
- ② EXISTING OVERLAY (±7.0")
- ③ EXISTING AGG/HMA SHOULDER
- ④ PROPOSED BITUMINOUS SURFACE TREATMENT, A2
- ⑤ PROPOSED BUTUMINOUS MATERIALS (FOG SEAL)

NOT DRAWN TO SCALE

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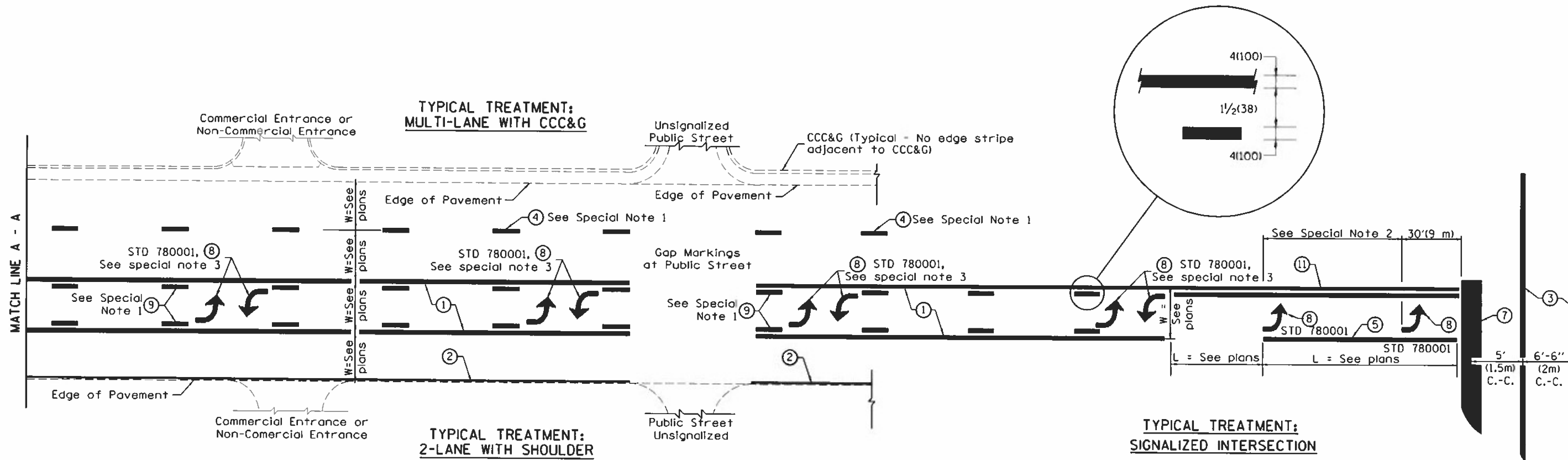
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PLOT DATE = 12/7/2021	CHECKED =	REVISED =
	DATE =	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	178-1RS-2(1,2)RS-3	PUTNAM	10	B
CONTRACT NO. 68F77				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



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

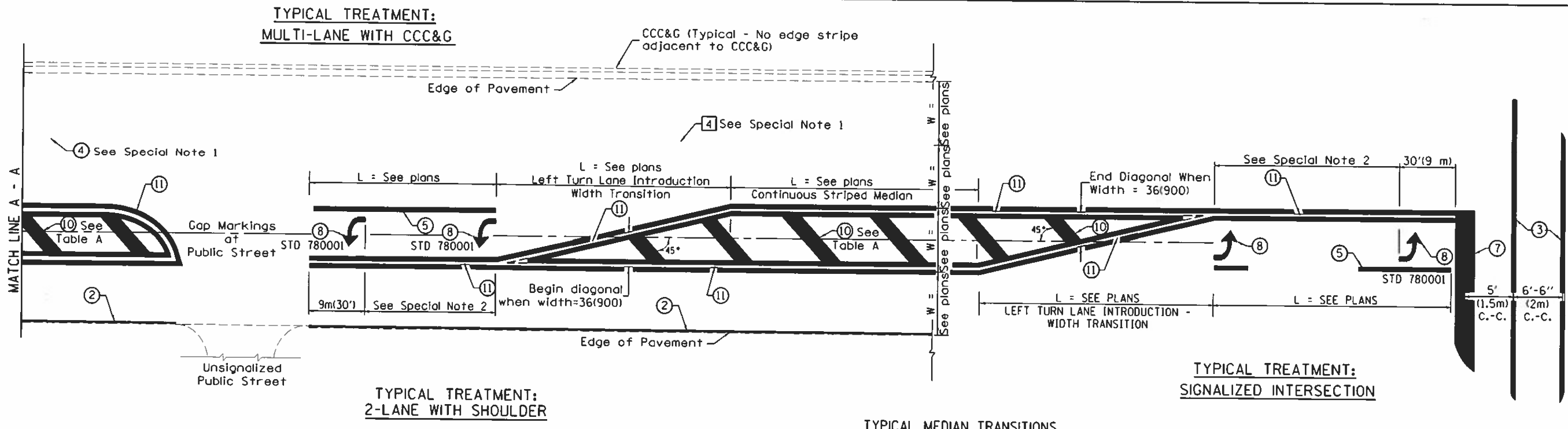
SPECIAL NOTES

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.
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)

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.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.			2370	(78-1)RS-2,1,2)RS-3	POTNAM	10	9
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. 780001-04	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	CONTRACT NO 68F77		



TYPICAL TREATMENT:
MULTI-LANE WITH CCC&G

TYPICAL TREATMENT:
2-LANE WITH SHOULDER

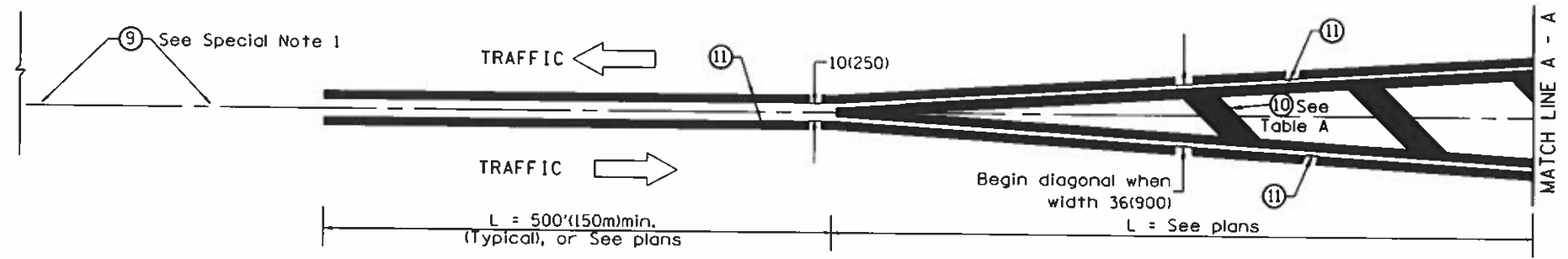
TYPICAL TREATMENT:
SIGNALIZED INTERSECTION

TYPICAL MEDIAN TRANSITIONS

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)



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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.
2370	178-11RS-2(1,2)RS-3	PUTNAM	10	10
CONTRACT NO. 68F77				

PUTNAM 15 14
NOT TO SCALE

SHT. 2 OF 2
CADD STD. 780001-D4

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