

INDEX OF SHEETS: 04-28-2023 LETTING ITEM 027

- 1 COVER SHEET
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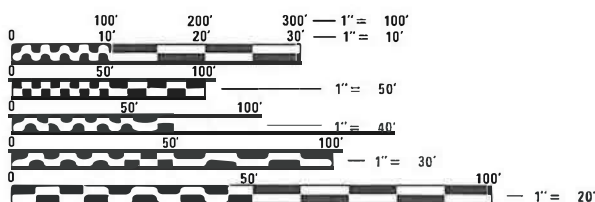
HIGHWAY STANDARDS

- 701400-11
- 701406-13
- 701411-09
- 701426-09
- 701901-08
- 780001-05
- 781001-04

DISTRICT STANDARDS

780001

ADT = 4,980 (2019)
 %SU = 6.62 (2019)
 %MU = 21.58 (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
 OR 811

PROJECT ENGINEER RICH DOTSON (309-671-3455)
 PROJECT MANAGER MICHAEL JACOB (309-671-3460)
 CATALOG NO. 036203-00D
 CONTRACT NO. 68G37

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

F.A.P. ROUTE 313 (US 34)
 SECTION (6-1, 7-2)
 PROJECT NHPP-NVE0(902)
 PAVEMENT PRESERVATION
 HENDERSON COUNTY
 C-94-058-21



BRIDGE OMISSION
 S.N. 036-0062 WB
 S.N. 036-0063 EB

GROSS LENGTH = 30960 FT. = 5.86 MILES
 NET LENGTH = 30590 FT. = 5.79 MILES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313	6-1,7-2	HENDERSON	13	1
		ILLINOIS	CONTRACT NO. 68G37	

D-94-039-21



DESCRIPTION OF WORK:
 MICROSURFACE (1-PASS) ON US 34 ALONG BIGGSVILLE BYPASS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED January 24 20 23
Kensil Dorneth REGIONAL ENGINEER
 March 24, 2023

[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT
 March 24, 2023

[Signature]
 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 701406"

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

PRIOR TO MICRO-SURFACING THE CONTRACTOR SHALL BE RESPONSIBLE OF CAPTURING THE ORIGINAL CENTER LINE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE "TRAFFIC CONTROL AND PROTECTION STANDARD 701406"

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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. 313	SECTION (6-1,7-2)	COUNTY HENDERSON	TOTAL SHEETS 13	SHEET NO. 2
CONTRACT NO: 68G37				ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE
				HENDERSON 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	SQ YD	186996	186996
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	42077	42077
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	17430	17430
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5780	5780
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3682	3682
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	247680	247680
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	28586	28586
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	19184	19184

*= SPECIALTY ITEM

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PLOT DATE = 1/31/2023	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.
313	(6-1,7-2)	HENDERSON	13	3
			CONTRACT NO. 68G37	
		ILLINOIS	FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE	
				HENDERSON COUNTY	80% FEDERAL 20% STATE 0005
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1077	1077	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1077	1077	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	58904	58904	

*= SPECIALTY ITEM

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PLOT DATE = 1/31/2023	CHECKED -	REVISED -
	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.
313	(6-1,7-2)	HENDERSON	13	4
CONTRACT NO. 68G37				
ILLINOIS			FED. AID PROJECT	

MICRO-SURFACING, SINGLE PASS					
LOCATION			LENGTH	WIDTH	AREA
EBL			FT	FT	SQ YD
515+20	TO	520+20	500	12	667
520+20	TO	522+30	210	VAR 12-24	420
522+30	TO	755+40	23310	24	62160
BRIDGE OMISSION					
759+10	TO	807+40	4830	24	12880
807+40	TO	812+50	510	VAR 24-12	1020
812+50	TO	824+80	1230	24	3280
TURN LANES & MEDIAN			8450	VARIES	8549
SHOULDERS ADJACENT TO TURN LANES*			6847	VARIES	4564
WBL					
515+20	TO	517+10	190	12	254
517+10	TO	529+95	1285	VAR 12-24	2570
529+95	TO	755+40	22545	24	60120
BRIDGE OMISSION					
759+10	TO	816+75	5765	24	15374
816+75	TO	820+05	330	VAR 24-12	660
820+05	TO	824+80	475	12	634
TURN LANES & MEDIAN			8940	VARIES	8983
SHOULDERS ADJACENT TO TURN LANES*			7291	VARIES	4861
TOTAL					186996
*Shoulders with no rumble strips					

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)					
LOCATION			LENGTH	WIDTH	POUND
EBL			FT	FT	
515+20	TO	520+20	500	12	150
520+20	TO	522+30	210	VAR 12-24	95
522+30	TO	755+40	23310	24	13986
BRIDGE OMISSION					
759+10	TO	807+40	4830	24	2898
807+40	TO	812+50	510	VAR 24-12	230
812+50	TO	824+80	1230	24	738
TURN LANES & MEDIAN			8450	VARIES	1924
SHOULDERS ADJACENT TO TURN LANES*			6847	VARIES	1027
WBL					
515+20	TO	517+10	190	12	57
517+10	TO	529+95	1285	VAR 12-24	579
529+95	TO	755+40	22545	24	13527
BRIDGE OMISSION					
759+10	TO	816+75	5765	24	3459
816+75	TO	820+05	330	VAR 24-12	149
820+05	TO	824+80	475	12	143
TURN LANES & MEDIAN			8940	VARIES	2021
SHOULDERS ADJACENT TO TURN LANES*			7291	VARIES	1094
TOTAL					42077
*Shoulders with no rumble strips					

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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.
313	(6-1,7-2)	HENDERSON	13	5
			CONTRACT NO. 68G37	
ILLINOIS FED. AID PROJECT				

MOBILIZATION	
LOCATION	LSUM
JOBSITE	
TOTAL	1

TRAFFIC CONTROL AND PROTECTION STANDARD 701406	
LOCATION	LSUM
JOBSITE	
TOTAL	1

TRAFFIC CONTROL AND PROTECTION STANDARD 701411	
LOCATION	EACH
US 34/ IL 94/IL 116 (INTERCHANGE)	
TOTAL	4

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

BUMP REMOVAL	
LOCATION	EACH
STA. 515+20 TO STA 824+80	
TOTAL	25

SHORT TERM PAVEMENT MARKING*	
LOCATION	LENGTH FT
EBL	
STA. 515+20 TO STA 824+80	4335
WBL	
STA. 515+20 TO STA 824+80	4335
SUBTOTAL	8670
TWO APPLICATIONS	17340

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

SHORT TERM PAVEMENT MARKING REMOVAL		
LOCATION	LENGTH FT	AREA SQ FT
EBL		
STA. 515+20 TO STA 824+80	4335	1445
WBL		
STA. 515+20 TO STA 824+80	4335	1445
TOTAL		2890
TWO APPLICATIONS		5780

FIBER-MODIFIED ASPHALT CRACK SEALING*	
LOCATION	LENGTH FT
STA. 515+20 TO STA 824+80	1,000
TOTAL	1,000

*ROUT AND SEAL TRANSVERSE (WORKING) CRACKS AND SEAL LONGITUDINAL CRACKS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313	(6-1,7-2)	HENDERSON	13	6
				CONTRACT NO. 68G37
				ILLINOIS FED. AID PROJECT

MODIFIED URETHANE PAVEMENT MARKING- LINE 4"				
LOCATION			EDGE LINE SOLID	CENTER DOUBLE YELLOW
			FOOT	FOOT
515+20	TO	517+70	500	500
517+70	TO	818+30	120,240	0
818+30	TO	824+80	1,300	1300
SUB TOTAL			122,040	1800
SUBTOTAL			123,040	
TWO APPLICATIONS			247,680	

MODIFIED URETHANE PAVEMENT MARKING- LINE 6"			
LOCATION			FOOT
EBL			
522+55	TO	807+36	7,121
WBL			
529+95	TO	816+80	7,172
SUBTOTAL			14,293
TWO APPLICATIONS			28,586

MODIFIED URETHANE PAVEMENT MARKING- LETTERS AND SYMBOLS		
LOCATION	Lane Drop Arrow	LEFT OR RIGHT ARROW
	SQ FT	SQ FT
EBL		
803+79	41.5	
807+16	41.5	
810+50	41.5	
Turn Lanes		749
WBL		
523+60	41.5	
526+66	41.5	
529+95	41.5	
Turn Lanes		843
SUBTOTAL		1841
TWO APPLICATIONS		3682

PAVEMENT MARKING REMOVAL WATER BLASTING	
LOCATION	SQ FT.
EBL	
STA. 515+20 TO STA. 824+80	29452
WBL	
STA. 515+20 TO STA. 824+80	29452
TOTAL	58904

MODIFIED URETHANE PAVEMENT MARKING- LINE 8"		
INTERSECTION:	SOLID FOOT	SKIP DASH FOOT
	EBL	
TR 1350 LEFT TURN	225	63
TR 1350 RIGHT TURN	260	54
TR 1400 LEFT TURN	275	54
TR 1400 RIGHT TURN	230	51
TR 1650 LEFT TURN	270	54
TR 1650 RIGHT TURN	255	54
TR 1700 LEFT TURN	320	75
TR 1700 RIGHT TURN	343	69
TR 1800 LEFT TURN	250	54
TR 1800 RIGHT TURN	265	54
TR 1850 LEFT TURN	265	48
GORE AREA (2 SEGMENTS)	790	300
WBL		
TR 1350 LEFT TURN	204	81
TR 1350 RIGHT TURN	222	57
TR 1400 LEFT TURN	280	57
TR 1400 RIGHT TURN	225	59
TR 1650 LEFT TURN	272	57
TR 1650 RIGHT TURN	250	54
TR 1700 LEFT TURN	345	66
TR 1700 RIGHT TURN	320	81
TR 1800 LEFT TURN	220	66
TR 1800 RIGHT TURN	261	54
TR 1850 LEFT TURN	250	57
TR 1850 RIGHT TURN	245	57
GORE AREA (2 SEGMENTS)	800	273
SUBTOTAL	7,642	1950
SUBTOTAL	9,592	
TWO APPLICATIONS	19,184	

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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE. 313	SECTION (6-1,7-2)	COUNTY HENDERSON	TOTAL SHEETS 13	SHEET NO. 7
CONTRACT NO. 68G37				
ILLINOIS FED. AID PROJECT				

LOCATION			RAISED REFLECTIVE PAVEMENT MARKER						
			*Spacing						
			ONE - WAY CRYSTAL			ONE - WAY AMBER		TWO WAY AMBER	
EACH	EACH	EACH	EACH	EACH	EACH	EACH			
80'*	40'*	20'*	40'*	20'*					
US ROUTE 34									
515+00	TO	519+00		7	13			8	
519+00	TO	534+00	25	28	30	21			
534+00	TO	549+00	38						
549+00	TO	564+00	35	24					
564+00	TO	579+00	37						
579+00	TO	594+00	37						
594+00	TO	609+00	38	10					
609+00	TO	624+00	37						
624+00	TO	639+00	38	10					
639+00	TO	654+00	38						
654+00	TO	669+00	37						
669+00	TO	684+00	37						
684+00	TO	699+00	35	24					
699+00	TO	714+00	37						
714+00	TO	729+00	34	32					
729+00	TO	744+00	37						
744+00	TO	756+00	29	12					
756+00	TO	768+00	22						
768+00	TO	783+00	35	24					
783+00	TO	798+00	37						
798+00	TO	813+00	32	21	8	7			
813+000	TO	825+00	6	27	21	22	15	12	
SUBTOTAL			701	219	72	50	15	20	
Total			1077						

LOCATION			RAISED REFLECTIVE PAVEMENT MARKER REMOVAL						
			*Spacing						
			ONE - WAY CRYSTAL			ONE - WAY AMBER		TWO WAY AMBER	
EACH	EACH	EACH	EACH	EACH	EACH	EACH			
80'*	40'*	20'*	40'*	20'*					
US ROUTE 34									
515+00	TO	519+00		7	13			8	
519+00	TO	534+00	25	28	30	21			
534+00	TO	549+00	38						
549+00	TO	564+00	35	24					
564+00	TO	579+00	37						
579+00	TO	594+00	37						
594+00	TO	609+00	38	10					
609+00	TO	624+00	37						
624+00	TO	639+00	38	10					
639+00	TO	654+00	38						
654+00	TO	669+00	37						
669+00	TO	684+00	37						
684+00	TO	699+00	35	24					
699+00	TO	714+00	37						
714+00	TO	729+00	34	32					
729+00	TO	744+00	37						
744+00	TO	756+00	29	12					
756+00	TO	768+00	22						
768+00	TO	783+00	35	24					
783+00	TO	798+00	37						
798+00	TO	813+00	32	21	8	7			
813+000	TO	825+00	6	27	21	22	15	12	
SUBTOTAL			701	219	72	50	15	20	
Total			1077						

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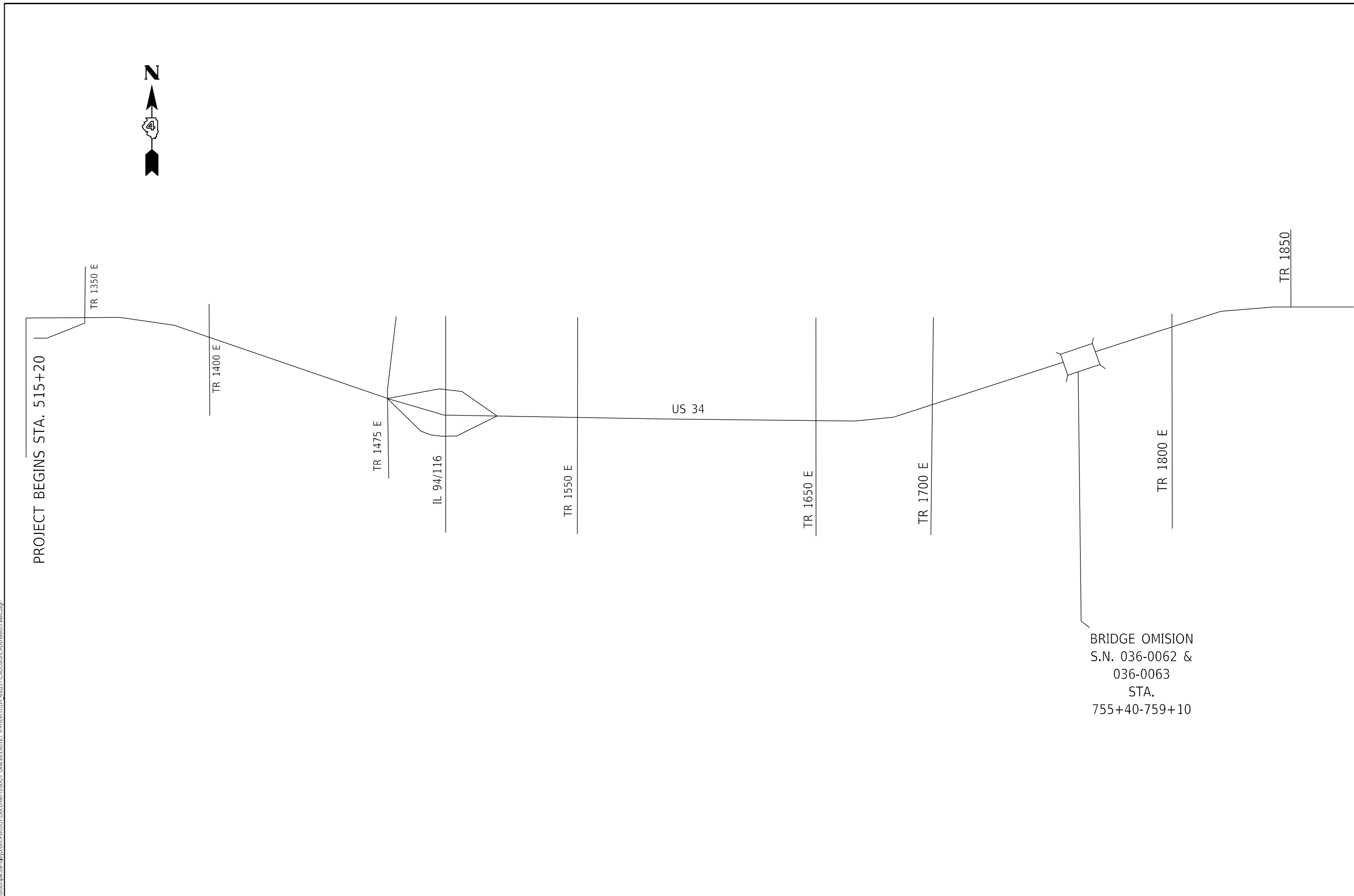
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE. 313	SECTION (6-1,7-2)	COUNTY HENDERSON
		CONTRACT
	ILLINOIS	FED. AID PROJECT

TOTAL SHEETS	SHEET NO.
13	8
T NO. 68G37	

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PROJECT BEGINS STA. 515+20

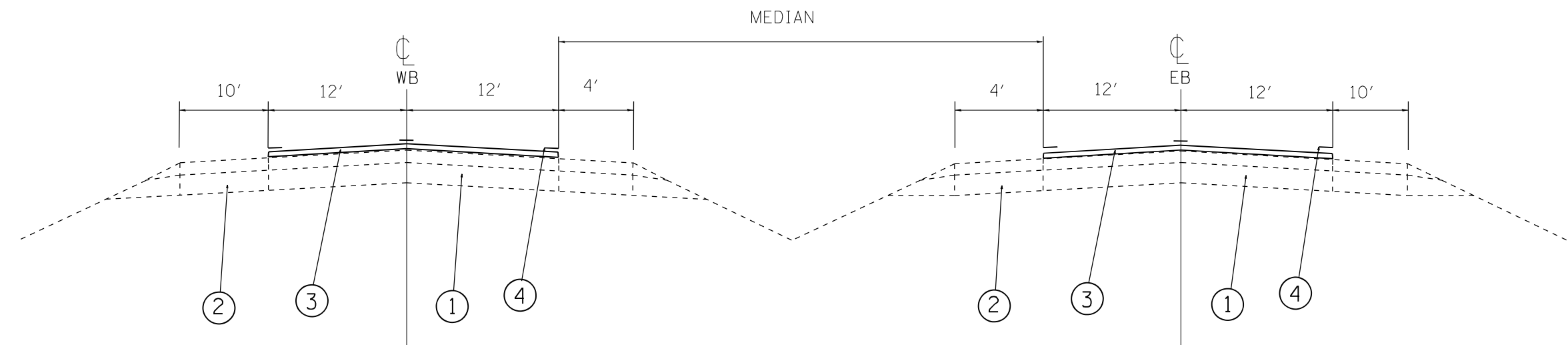
BRIDGE OMISION
S.N. 036-0062 &
036-0063
STA.
755+40-759+10

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE. 313	SECTION (6-1,7-2)	COUNTY HENDERSON
		CONTRACT
ILLINOIS		FED. AID PROJECT



STA. 515+20 TO STA. 824+80

BRIDGE OMISSIONS

(STA 755+40 TO STA 759+10) (SN 036-0062,0063 EB & WB)

LEGEND

- ① EXISTING HMA PAVEMENT
- ② EXISTING HMA SHOULDER
- ③ PROPOSED MICROSURFACING
- ④ PROPOSED PAVEMENT MARKING

NOT DRAWN TO SC.

TOTAL SHEETS	SHEET NO.
13	9
T NO. 68G37	

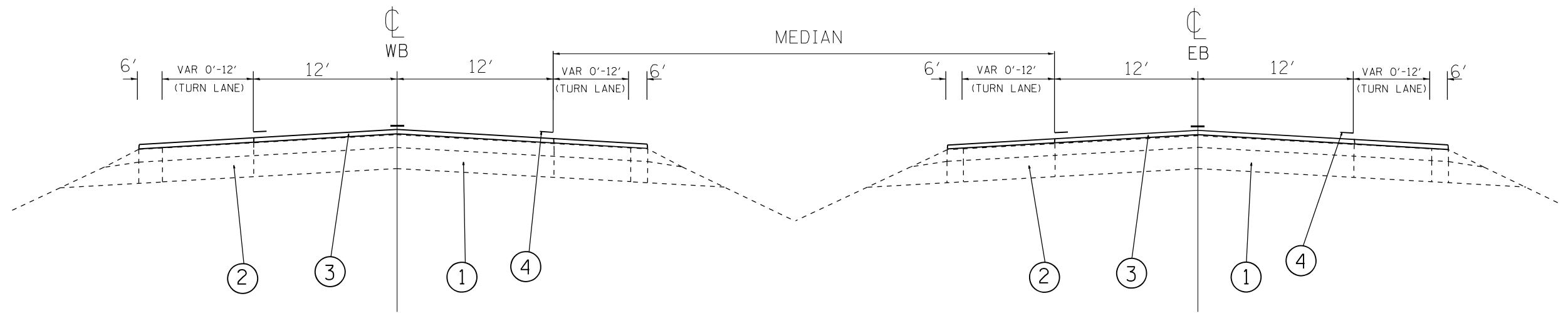
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PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY
313	(6-1,7-2)	HENDERSON
		CONTRACT
ILLINOIS		FED. AID PROJECT



TURN LANES

STA 523+30.60	TO	STA 527+00.00
STA 527+00.00	TO	STA 533+33.05
STA 533+33.05	TO	STA 534+06.47
STA 550+33.11	TO	STA 552+34.80
STA 552+34.80	TO	STA 561+18.12
STA 688+63.93	TO	STA 698+53.45
STA 698+53.45	TO	STA 699+15.91
STA 714+56.72	TO	STA 718+50.83
STA 718+50.83	TO	STA 727+95.41
STA 743+75.27	TO	STA 754+25.00
STA 771+48.93	TO	STA 779+31.42
STA 779+31.42	TO	STA 782+18.79
STA 798+04.58	TO	STA 802+69.13
STA 802+69.13	TO	STA 805+99.12
STA 805+99.12	TO	STA 808+42.68

LEGEND

- ① EXISTING HMA PAVEMENT
- ② EXISTING HMA SHOULDER
- ③ PROPOSED MICROSURFACING
- ④ PROPOSED PAVEMENT MARKING

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SCALE

NOT DRAWN TO SCALE

TOTAL SHEETS	SHEET NO.
13	10
T NO. 68G37	

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

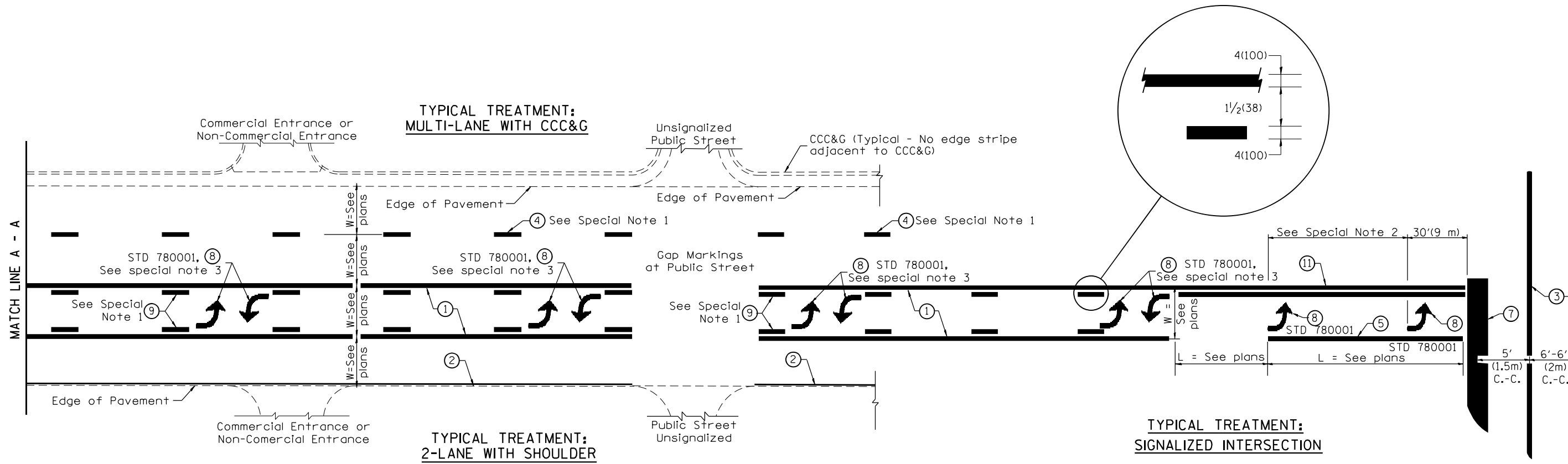
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F.A.P. RTE.	SECTION	COUNTY
313	(6-1,7-2)	HENDERSON
		CONTRACT
		ILLINOIS FED. AID PROJECT

DESIGNER NOTES:

1. Include State Standard 780001 (Typical Pavement Markings)

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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 (
 - 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)

SCALE

TOTAL SHEETS	SHEET NO.
13	11
T NO. 68G37	

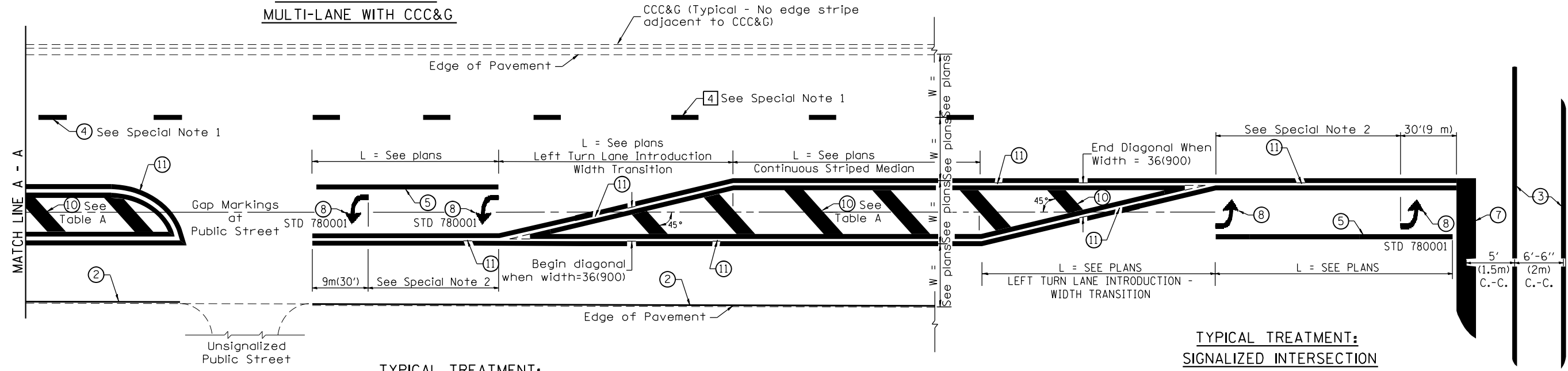
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PLOT SCALE = 100,0000' / in.	DATE -	REVISED -
PLOT DATE = 1/31/2023		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS		SHT. 1 OF 2 CADD STD. 780001-04	
SCALE: NO SCALE	SHEET OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY
313	(6-1,7-2)	HENDERSON
		CONTRACT
		ILLINOIS FED. AID PROJECT

**TYPICAL TREATMENT:
MULTI-LANE WITH CCC&G**



MATCH LINE A - A

See plans See plans See plans See plans See plans

MATCH LINE A - A

**TYPICAL TREATMENT:
SIGNALIZED INTERSECTION**

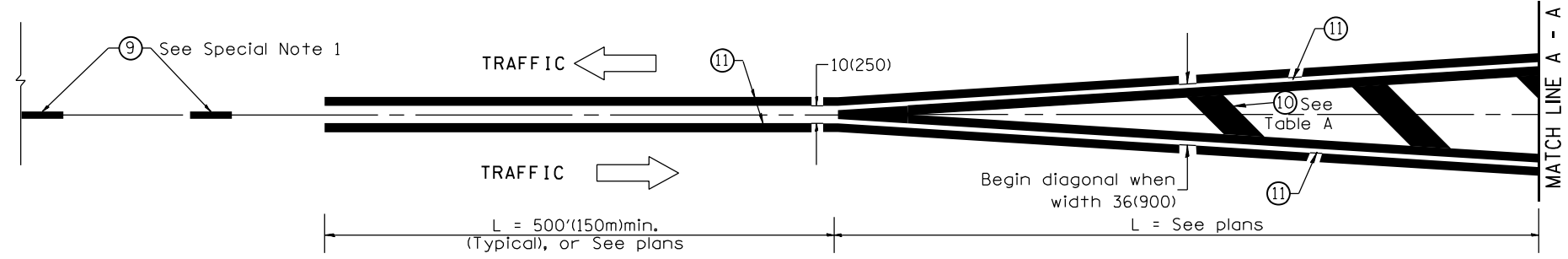
**TYPICAL TREATMENT:
2-LANE WITH SHOULDER**

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 (m) unless otherwise noted.

TOTAL SHEETS	SHEET NO.
13	12

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USER NAME = Mike.Jacobs	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS		
SCALE: NO SCALE	SHEET OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY
313	(6-1,7-2)	HENDERSON
SHT. 2 OF 2 CADD STD. 780001-04		CONTRACT
ILLINOIS		FED. AID PROJECT