

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

FAP ROUTE 315 (IL 41 AND US 136)
SECTION 33-PP
CONTRACT MAINTENANCE
McDONOUGH COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	33-PP	McDONOUGH	14	1
		ILLINOIS	CONTRACT NO. 68D08	

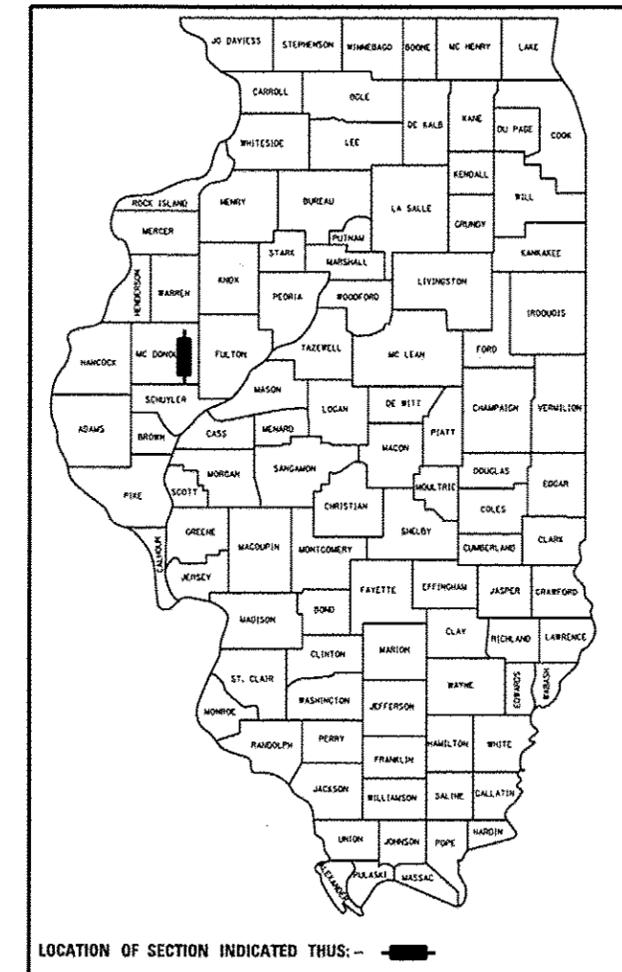
D-94-017-16

INDEX OF SHEETS

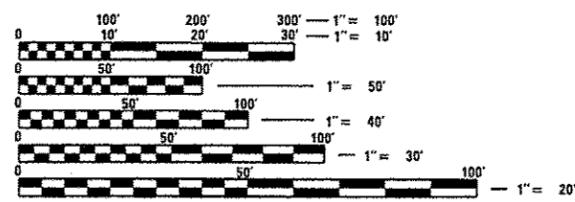
- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
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- 7 SCHEDULE OF QUANTITIES
- 8 PLAN
- 9-11 STAGING DETAILS
- 12 PAVEMENT MARKING PLAN
- 13-14 DISTRICT 4 CADD STANDARDS

HIGHWAY STANDARDS

- 420001-08
- 420701-03
- 442101-07
- 701201-04
- 701502-06
- 701901-05
- 780001-05

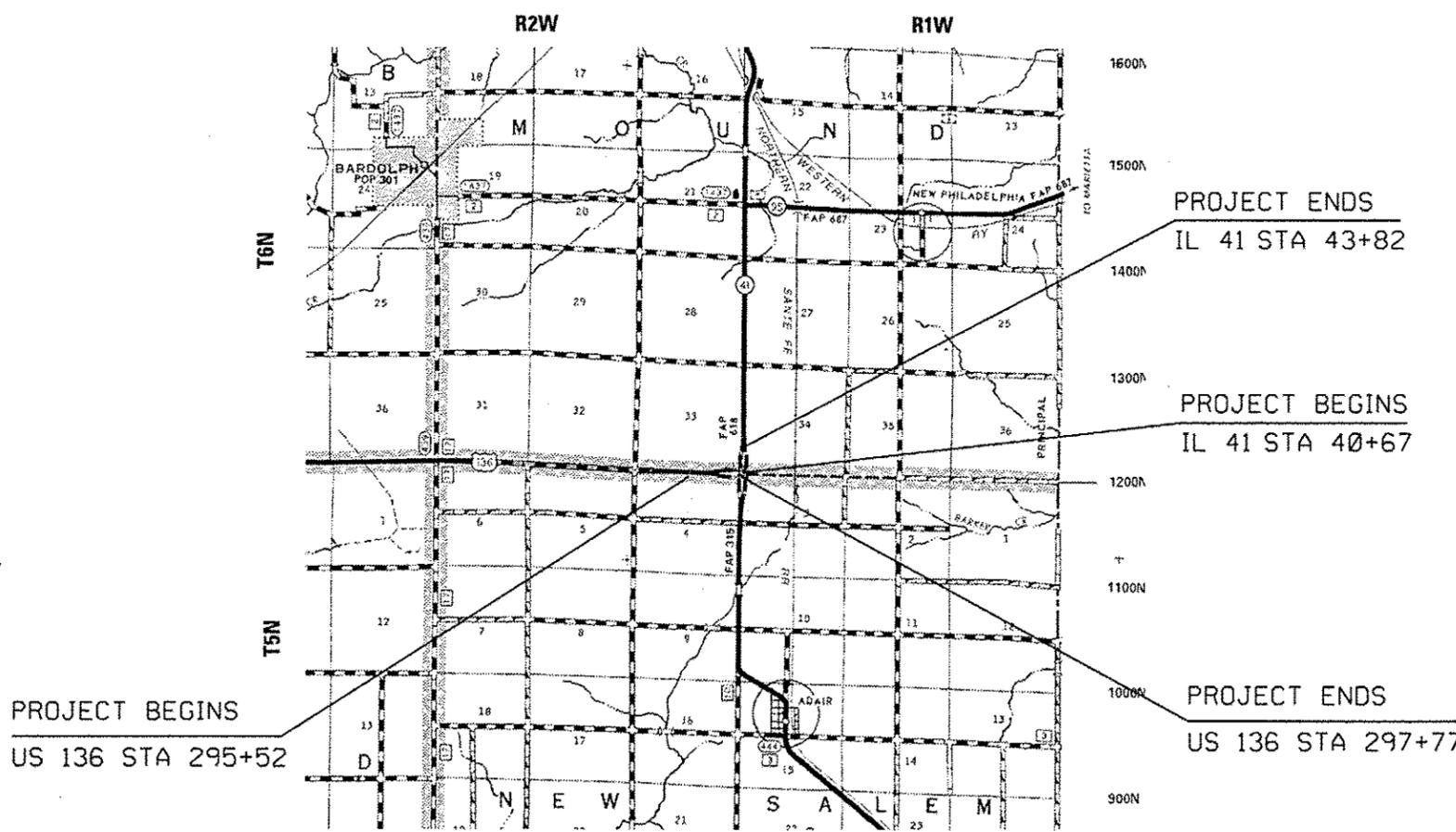


C-94-039-16



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: KEVIN HORST /JOSH JOCHUMS (309-671-3472)
CATALOG NO. 035379-00D
CONTRACT NO. 68D08

GROSS LENGTH = 540 FT. = 0.1023 MILE
 NET LENGTH = 540 FT. = 0.1023 MILE

CONCRETE PATCHING ON IL 41 (SB LEFT TURN LANE) AND ON US 136 (EB LANE AT STOP SIGN), AT THE INTERSECTION OF IL 41 AND US 136 EAST OF MACOMB.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED February 11, 2016

James J. James
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 10, 2016
Maureen M. Addis, PE
 ENGINEER OF DESIGN AND ENVIRONMENT

March 10, 2016
Onur Osman, PE
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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GENERAL NOTES

COMMITMENTS

NO Commitments have been made on this project.

PROPERTY OWNER ACCESS REQUIREMENT

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Cultural and Natural Resources Review of Borrow Areas)
- * BDE Form 2290 (Waste/Use Area Review)
- * A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form * D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

PAVEMENT STATION NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20 mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval - 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers - 6 inches (150 mm) from the inside edge of the pavement marking

Location:

- 2, 3, & 5 Lane Pavements - right edge of pavement in direction of increasing stations
- Multi-Lane Divided Roadways - outside edge of pavement in both directions
- Ramps - along baseline edge of pavement

Position - stations shall be placed so they can be read from the adjacent shoulder

Format - English (Metric) pavement stations shall use this format *XXX (XX + X00)*,

where X represents the pavement station

This work will not be paid for separately, but will be included in the cost of the associated pavement and/or overlay pay items.

PROJECT SPECIFIC NOTES

1. The contractor shall notify the District Four Traffic Control Technician, Don Hoffman (309-671-4488), 3 weeks prior to beginning work.
2. The proposed patches are 10" thick. Pavement cores showed the existing pavement thickness is 11" and variable. The removal of any existing pavement beyond the proposed patch thickness of 10" will be paid for as earth excavation. There shall be no adjustment of patching quantity based on the thickness of the existing pavement. Saw cut quantity may be adjusted based on the thickness of the existing pavement. The saw cut quantity in these plans is based on an existing pavement thickness of 11". Therefore, any adjustment of saw cut quantities will be based on the change of thickness from the assumed 11".
3. A 1/4" edger shall be used along edges of the proposed patches, as directed by the engineer.
4. The proposed patches shall receive a Type A finish as described in Article 420.09 (e)(1) of the Standard Specifications.
5. A culvert near the intersection shall be cleaned as directed by the engineer. This work shall be paid for according to article 109.04 of the Standard Specifications.

FILE NAME : D468000-shaets.dgn	USER NAME : eubroyga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND PROJECT SPECIFIC NOTES	F.A.P. RTE. 315	SECTION 33-PP	COUNTY McDONOUGH	TOTAL SHEETS 14	SHEET NO. 2
Default	PLOT SCALE : 100.0000 / 1" = 100'	DRAWN -	REVISED -	SCALE:	SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 68008				
	PLOT DATE : 2/11/2016	CHECKED -	REVISED -							
		DATE -	REVISED -							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	
				0005	
20200100	EARTH EXCAVATION	CU YD	130	130	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	780	780	
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	267	267	
44200050	WELDED WIRE REINFORCEMENT	SO YD	780	780	
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SO YD	780	780	
44201299	DOWEL BARS 1 1/2"	EACH	380	380	
44213200	SAW CUTS	FOOT	1698	1698	
44213204	TIE BARS 3/4"	EACH	544	544	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	3	3	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1901	1901	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	13	13	

FILE NAME :
0468008-shaets.dgn

USER NAME : eubroya

DESIGNED -

REVISED -

DRAWN -

REVISED -

CHECKED -

REVISED -

DATE -

REVISED -

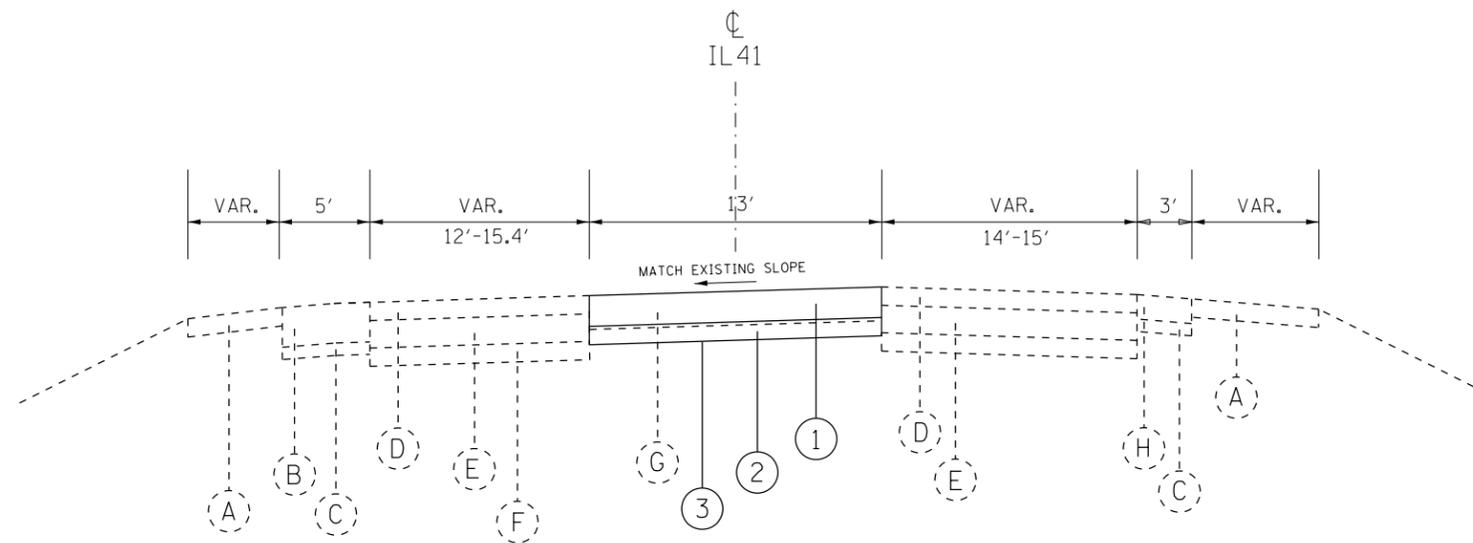
PLOT SCALE : 100.0000 1/16"

PLOT DATE : 2/11/2016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	33-PP	MCDONOUGH	14	3
CONTRACT NO. 69008				
[ILLINOIS] FED. AID PROJECT				



STA. 40+67 TO 43+82

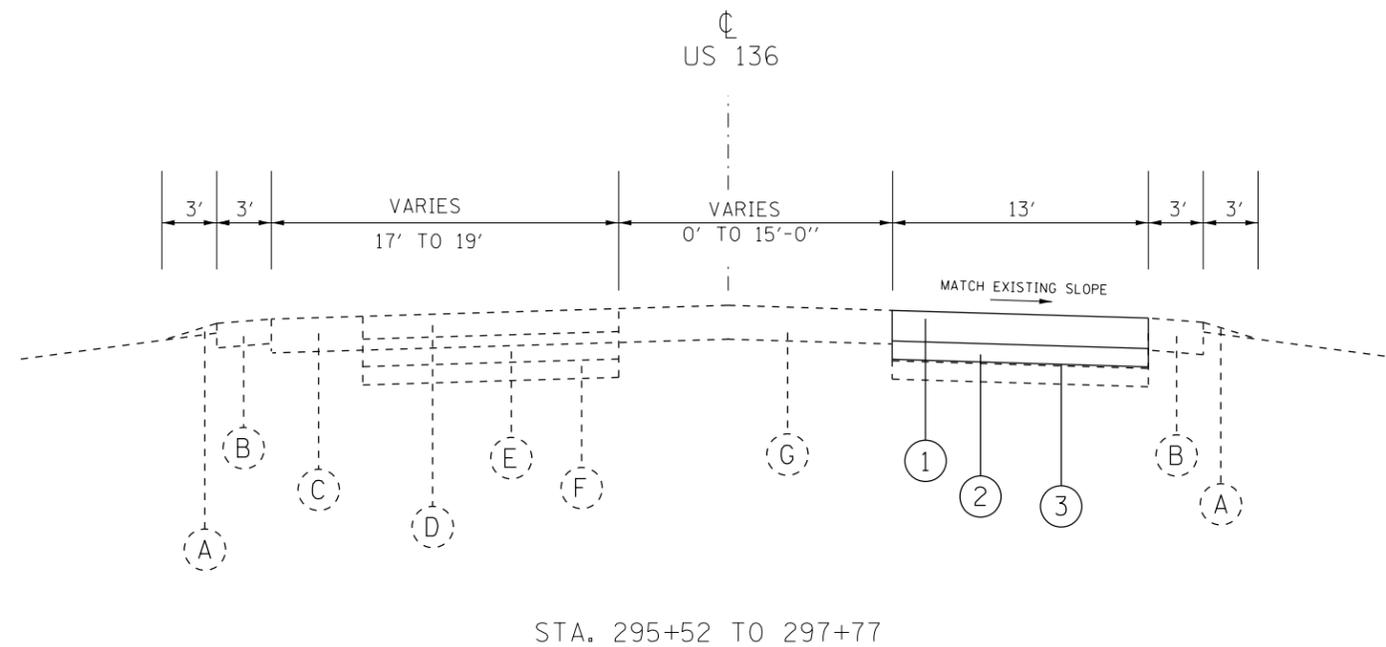
EXISTING

- (A) EXISTING AGGREGATE SHOULDERS
- (B) EXISTING HMA BINDER COURSE, 13''
- (C) EXSITING SUB-BASE GRANULAR MATERIAL, TYPE B, 4''
- (D) EXISTING HMA OVERLAY, 6''
- (E) EXISTING PCC PAVEMENT, 9''
- (F) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A, 6''
- (G) EXISTING HMA PATCH, 11''
- (H) EXISTING HMA SHOULDER, 8''

PROPOSED

- (1) PROPOSED CLASS B PATCHES, TYPE IV, 10''
- (2) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT (6'')
- (3) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

FILE NAME = Typicals.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 41			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					315	33-PP	McDONOUGH	14	5
Sheets	PLOT DATE = 2/11/2016	DATE -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68D08 ILLINOIS FED. AID PROJECT					



EXISTING

- (A) EXISTING AGGREGATE SHOULDERS
- (B) EXISTING HMA SHOULDER, 8"
- (C) EXSITING HMA WIDENING 10 1/2"
- (D) EXISTING HMA OVERLAY, 7 1/2"
- (E) EXISTING PCC PAVEMENT, 9"
- (F) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A, 6"
- (G) EXISTING HMA PATCH, 11"

PROPOSED

- (1) PROPOSED CLASS B PATCHES, TYPE IV, 10"
- (2) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT (6")
- (3) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

FILE NAME = Typicals.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS US 136			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		315	33-PP	McDONOUGH	14	6			
Sheets	PLOT DATE = 2/11/2016	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68D08				
							ILLINOIS FED. AID PROJECT					

CLASS B PATCHES, TY IV, 10 INCH			
LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SY)
US 136 STA 295+52 TO 297+77 (2 PATCHES)	225	13	325
IL 41 STA 40+67 TO 43+82	315	13	455
TOTAL			780

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION			
LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SY)
US 136 STA 295+52 TO 297+77	225	13	325
IL 41 STA 40+67 TO 43+82	315	13	455
TOTAL			780

WELDED WIRE REINFORCEMENT			
LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SY)
US 136 STA 295+52 TO 297+77	225	13	325
IL 41 STA 40+67 TO 43+82	315	13	455
TOTAL			780

AGGREGATE SUBGRADE IMPROVEMENT				
LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	TONS
US 136 STA 295+52 TO 297+77	225	13	0.5	111
IL 41 STA 40+67 TO 43+82	315	13	0.5	156
TOTAL				267

SAW CUTS	
LOCATION	LENGTH (FT)
US 136	714
IL 41	984
TOTAL	1,698

DOWEL BARS, 1 1/2"	
LOCATION	EACH
US 136	160
IL 41	220
TOTAL	380

TIE BARS, 3/4"	
LOCATION	EACH
US 136	227
IL 41	317
TOTAL	544

MOBILIZATION	
LOCATION	L. SUM
US 136 & IL 41	1
TOTAL	1

TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL DAY
US 136 & IL 41	3
TOTAL	3

TRAFFIC CONTROL & PROTECTION STANDARD 701201	
LOCATION	L. SUM
US 136 & IL 41	1
TOTAL	1

TRAFFIC CONTROL & PROTECTION STANDARD 701502	
LOCATION	L. SUM
US 136 & IL 41	1
TOTAL	1

EARTH EXCAVATION				
LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	VOLUME (CY)
US 136 STA 295+52 TO 297+77	225	13	0.5	54
IL 41 STA 40+67 TO 43+82	315	13	0.5	76
TOTAL				130

TEMPORARY PAVEMENT MARKING-LINE 4"		
LOCATION	WHITE (FT)	DOUBLE YELLOW (FT)
US 136 STA 295+52 TO 297+77	765	1,136
TOTAL		1,901

TEMPORARY PAVEMENT MARKING-LINE 24"	
LOCATION	WHITE (FT)
US 136 STA 295+52 TO 297+77	13
TOTAL	13

PAVEMENT MARKING SCHEDULE					
LOCATION	MODIFIED URETHANE PAVEMENT MARKING LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING-LINE 4"	MODIFIED URETHANE PAVEMENT MARKING-LINE 8"	MODIFIED URETHANE PAVEMENT MARKING-LINE 12"	MODIFIED URETHANE PAVEMENT MARKING-LINE 24"
	(SF)	(FT)	(FT)	(FT)	(FT)
US 136	WHITE		660	50	
	YELLOW				223
	DOUBLE YELLOW		2340		
IL 41	WHITE	31.2		283	
	YELLOW				29
	DOUBLE YELLOW		670		
TOTAL	31.2	3,670	333	223	42

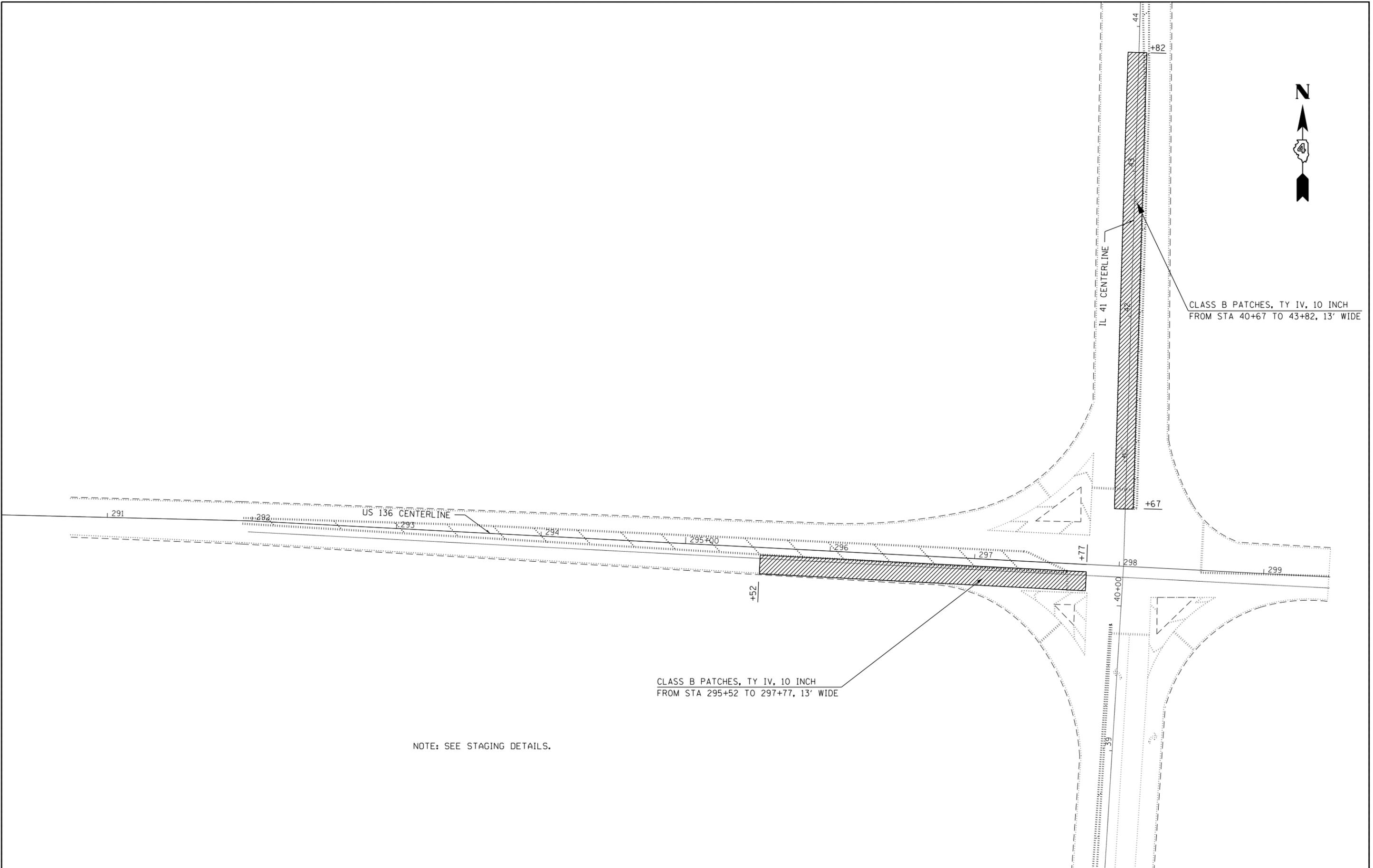
PAVEMENT MARKING REMOVAL	
LOCATION	AREA (SF)
US 136: 4" DOUBLE YELLOW	413
US 136: 12" YELLOW	220
ALL TEMPORARY PAVEMENT MARKING - 4"	634
ALL TEMPORARY PAVEMENT MARKING - 24"	26
TOTAL	1,293



CLASS B PATCHES, TY IV, 10 INCH
FROM STA 40+67 TO 43+82, 13' WIDE

CLASS B PATCHES, TY IV, 10 INCH
FROM STA 295+52 TO 297+77, 13' WIDE

NOTE: SEE STAGING DETAILS.



FILE NAME =
D468008-Design.dgn
Plan

USER NAME = aubreys
PLOT SCALE = 60.0000' / in.
PLOT DATE = 2/11/2016

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

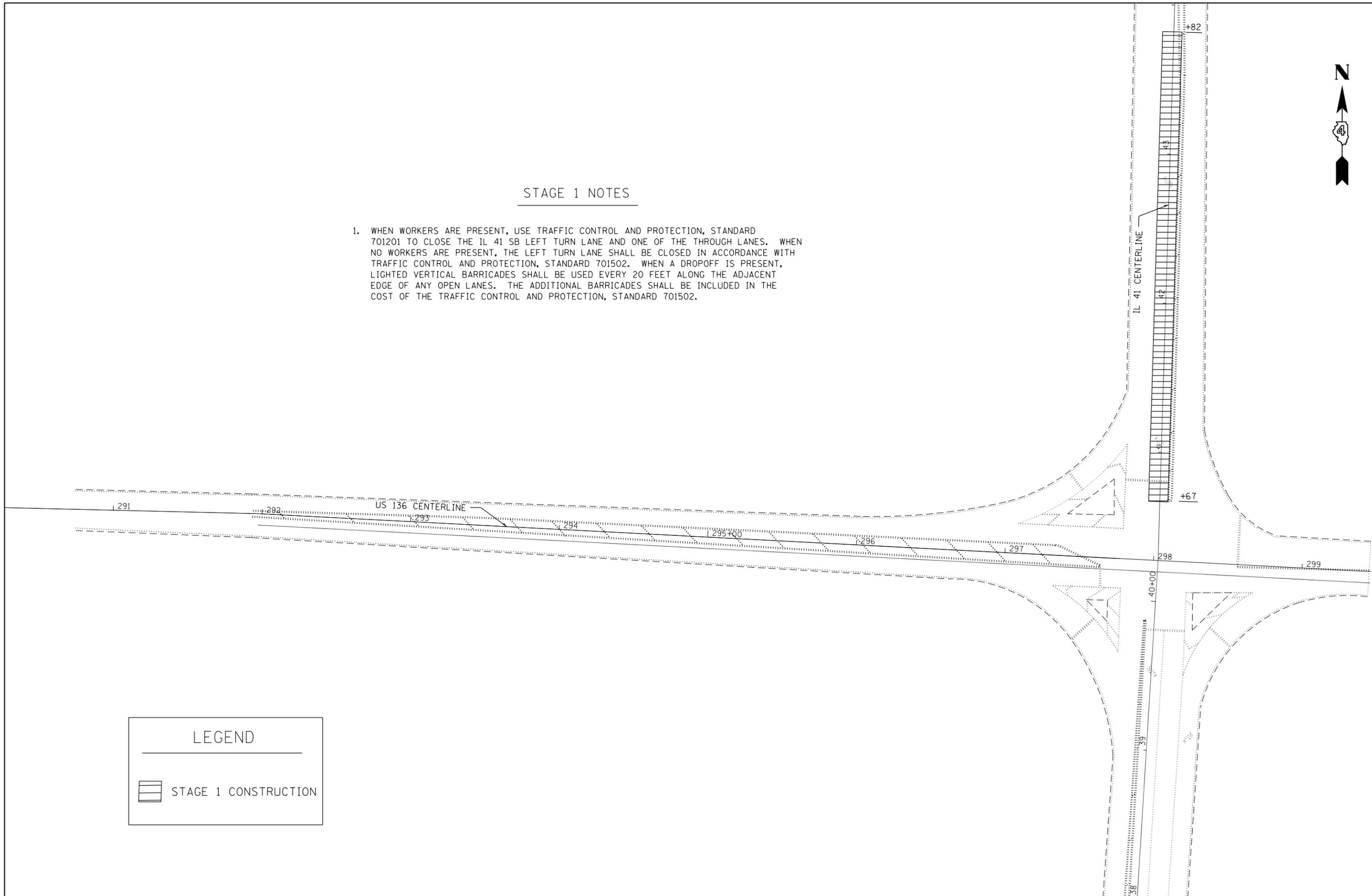
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	33-PP	McDONOUGH	14	8
CONTRACT NO. 68D08				
ILLINOIS FED. AID PROJECT				



STAGE 1 NOTES

1. WHEN WORKERS ARE PRESENT, USE TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 TO CLOSE THE IL 41 SB LEFT TURN LANE AND ONE OF THE THROUGH LANES. WHEN NO WORKERS ARE PRESENT, THE LEFT TURN LANE SHALL BE CLOSED IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION, STANDARD 701502. WHEN A DROPOFF IS PRESENT, LIGHTED VERTICAL BARRICADES SHALL BE USED EVERY 20 FEET ALONG THE ADJACENT EDGE OF ANY OPEN LANES. THE ADDITIONAL BARRICADES SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION, STANDARD 701502.



LEGEND

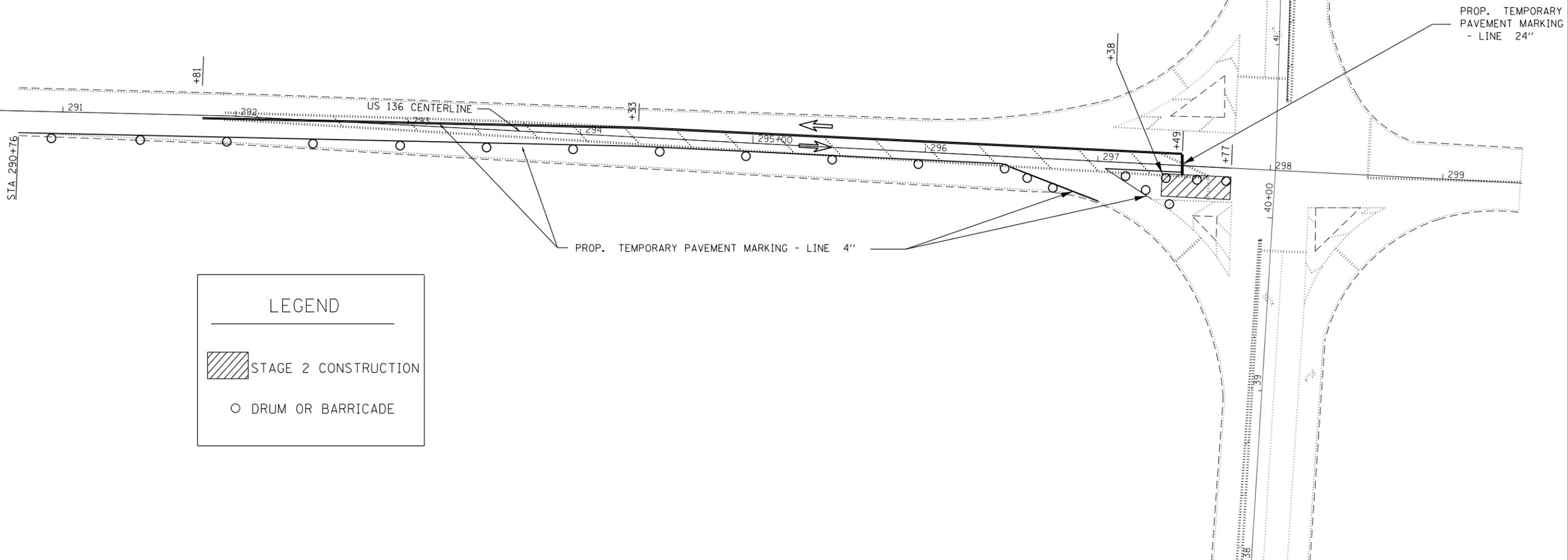
STAGE 1 CONSTRUCTION

FILE NAME = D468008-Design.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING DETAILS STAGE 1				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Staging 1	PLOT SCALE = 60.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	315	33-PP	McDONOUGH	14	9
	PLOT DATE = 2/11/2016	CHECKED -	REVISED -									CONTRACT NO. 68D08				
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT				



STAGE 2 NOTES

1. CLOSE SB AND NB LEFT TURN LANES ON IL 41 USING TRAFFIC CONTROL AND PROTECTION, STANDARD 701502.
2. WHEN NO WORKERS ARE PRESENT, CLOSE THE EASTBOUND US 136 THROUGH LANE AS SHOWN HERE AND IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION, STANDARD 701502. WHEN WORKERS ARE PRESENT, CLOSE THE EASTBOUND US 136 THROUGH LANE AND TEMPORARY EASTBOUND US 136 THROUGH LANE USING TRAFFIC CONTROL AND PROTECTION, STANDARD 701201.
3. WHEN A DROPOFF IS PRESENT, LIGHTED VERTICAL BARRICADES SHALL BE USED EVERY 20 FEET ALONG THE ADJACENT EDGE OF ANY OPEN LANE. THE ADDITIONAL BARRICADES SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701502.
4. ALL CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.



LEGEND

 STAGE 2 CONSTRUCTION

 DRUM OR BARRICADE

FILE NAME = D468008-Design.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING DETAILS STAGE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 60.0000' / in.	CHECKED -	REVISED -		REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	315	33-PP	McDONOUGH
Staging 2	PLOT DATE = 2/11/2016	DATE -	REVISED -						CONTRACT NO. 68D08						
												ILLINOIS FED. AID PROJECT			



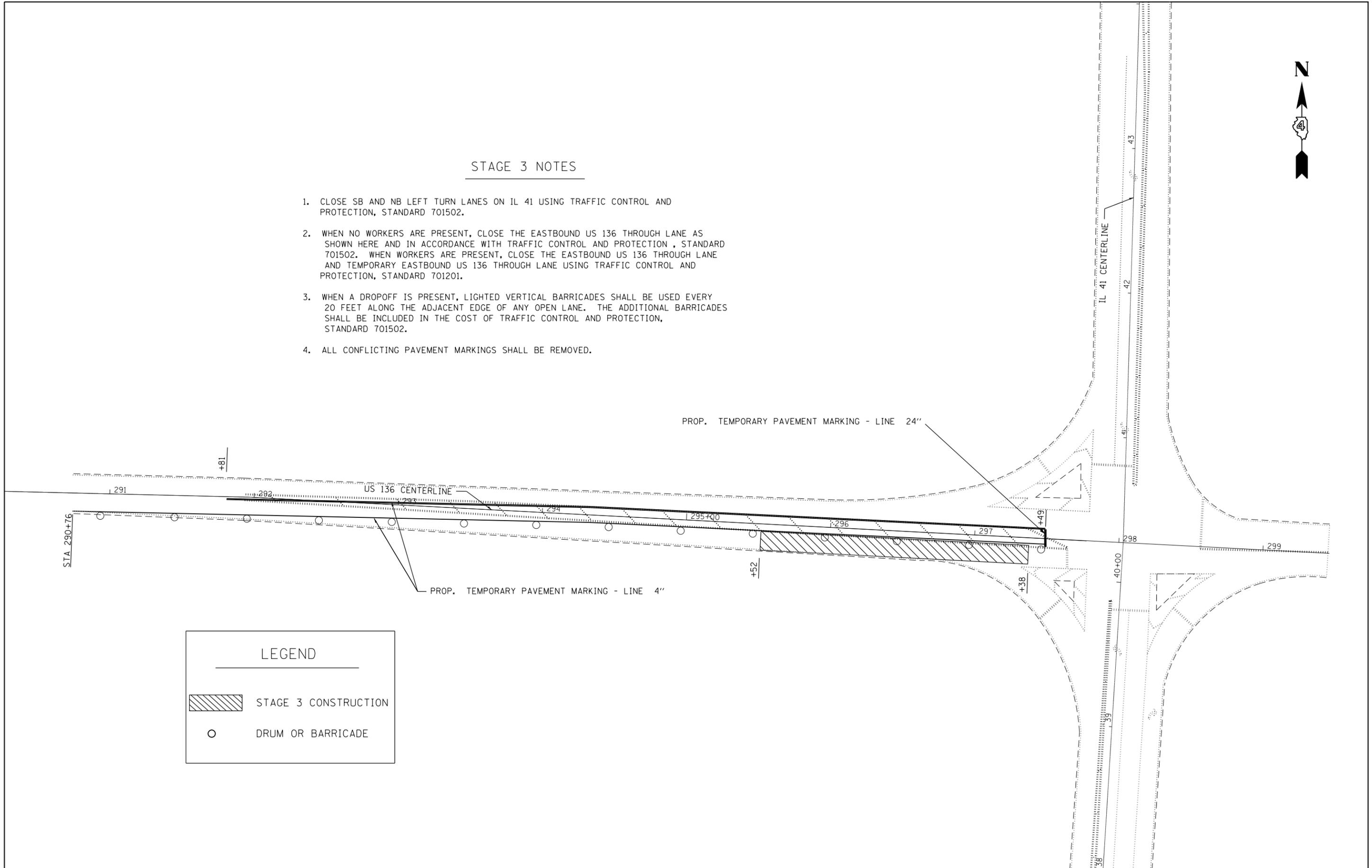
STAGE 3 NOTES

1. CLOSE SB AND NB LEFT TURN LANES ON IL 41 USING TRAFFIC CONTROL AND PROTECTION, STANDARD 701502.
2. WHEN NO WORKERS ARE PRESENT, CLOSE THE EASTBOUND US 136 THROUGH LANE AS SHOWN HERE AND IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION, STANDARD 701502. WHEN WORKERS ARE PRESENT, CLOSE THE EASTBOUND US 136 THROUGH LANE AND TEMPORARY EASTBOUND US 136 THROUGH LANE USING TRAFFIC CONTROL AND PROTECTION, STANDARD 701201.
3. WHEN A DROPOFF IS PRESENT, LIGHTED VERTICAL BARRICADES SHALL BE USED EVERY 20 FEET ALONG THE ADJACENT EDGE OF ANY OPEN LANE. THE ADDITIONAL BARRICADES SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701502.
4. ALL CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

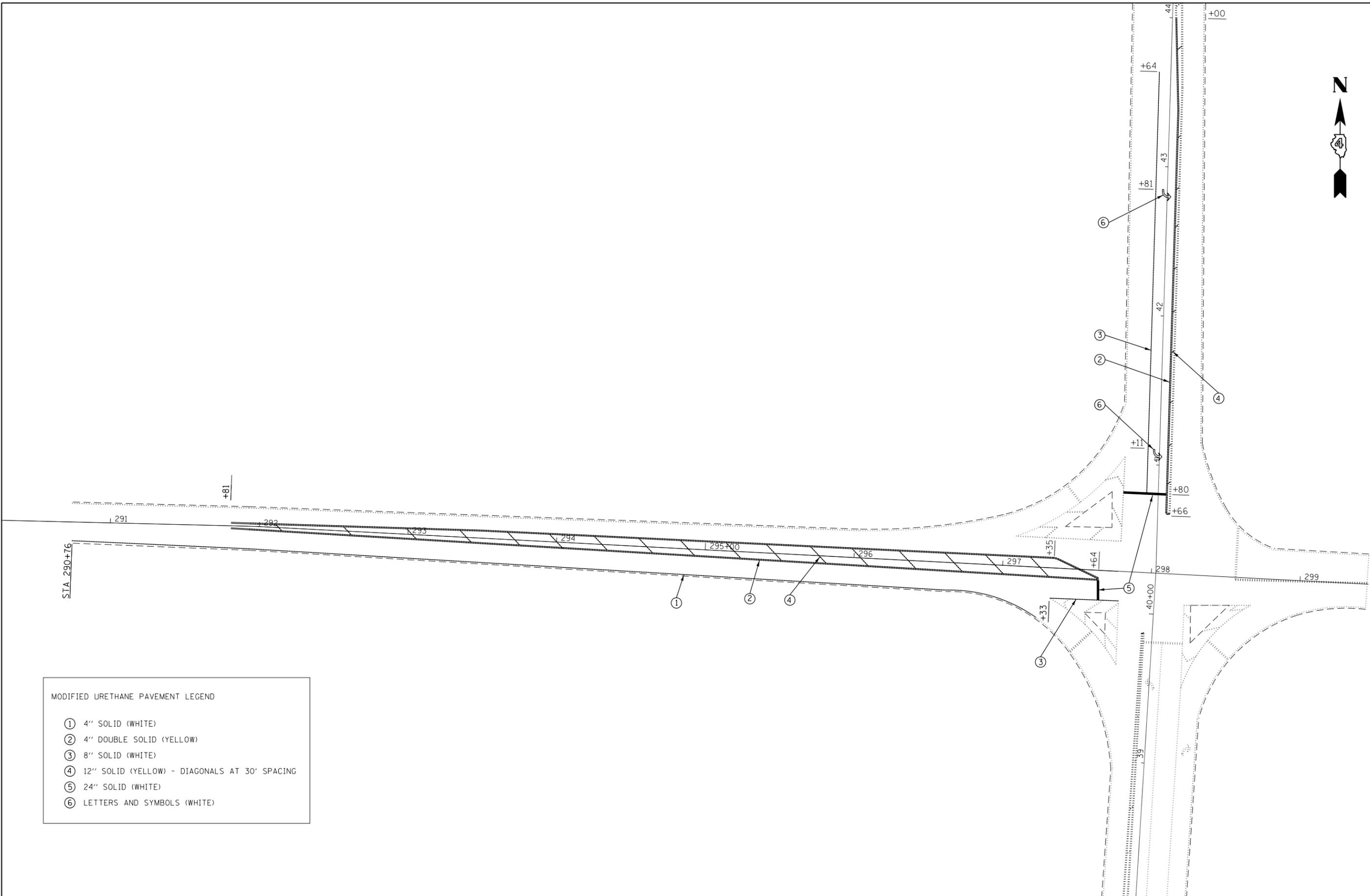
PROP. TEMPORARY PAVEMENT MARKING - LINE 24"

PROP. TEMPORARY PAVEMENT MARKING - LINE 4"

LEGEND	
	STAGE 3 CONSTRUCTION
	DRUM OR BARRICADE



FILE NAME = D468008-Design.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING DETAILS STAGE 3				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
Staging 3	PLOT DATE = 2/11/2016	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	315	33-PP	McDONOUGH	14	11
		CHECKED -	REVISED -								CONTRACT NO. 68D08				
											ILLINOIS FED. AID PROJECT				



MODIFIED URETHANE PAVEMENT LEGEND

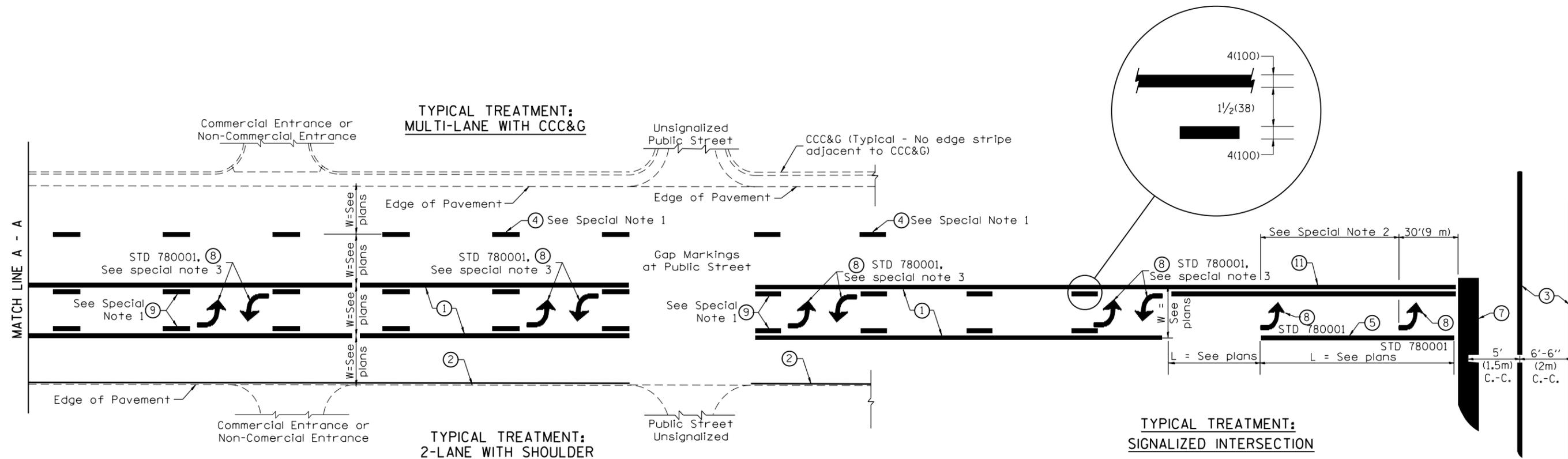
- ① 4" SOLID (WHITE)
- ② 4" DOUBLE SOLID (YELLOW)
- ③ 8" SOLID (WHITE)
- ④ 12" SOLID (YELLOW) - DIAGONALS AT 30' SPACING
- ⑤ 24" SOLID (WHITE)
- ⑥ LETTERS AND SYMBOLS (WHITE)

FILE NAME = D468008-Design.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
		DRAWN -	REVISED -
pvt markings	PLOT SCALE = 60.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/11/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	33-PP	McDONOUGH	14	12
CONTRACT NO. 68D08				
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.

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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.					315	33-PP	McDONOUGH	14	13
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.					SHT. 1 OF 2 CADD STD. 780001-D4				
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.					CONTRACT NO. 68D08				

NOT TO SCALE

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

