

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

VAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2017-003T	COOK	13	1
		ILLINOIS	CONTRACT NO. 62F01	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT LOCATED IN THE VILLAGES OF LA GRANGE, BROOKFIELD, LYONS, JUSTICE AND BRIDGEVIEW.

**TRAFFIC DATA**

2015 ADT (US RTE. 34): 25,500

2014 ADT (79TH ST.): 29,900

**POSTED SPEED LIMIT**

US RTE. 34: 25-30 MPH

79TH ST.: 35-45 MPH

# PROPOSED HIGHWAY PLANS

- 1) FAP ROUTE 311: U.S. RTE. 34 (OGDEN AVE.),
- 2) FAU ROUTE 1548: 79TH ST.
- 1) EAST AVE./EBERLY AVE. TO LAWNDALE AVE.,
- 2) 88TH AVE. TO 78TH AVE.

SECTION: 2017-003T  
DRAINAGE (STRUCTURE LINING)  
COOK COUNTY

PROJECT NHPP-STP-000V(116)  
C-91-183-17

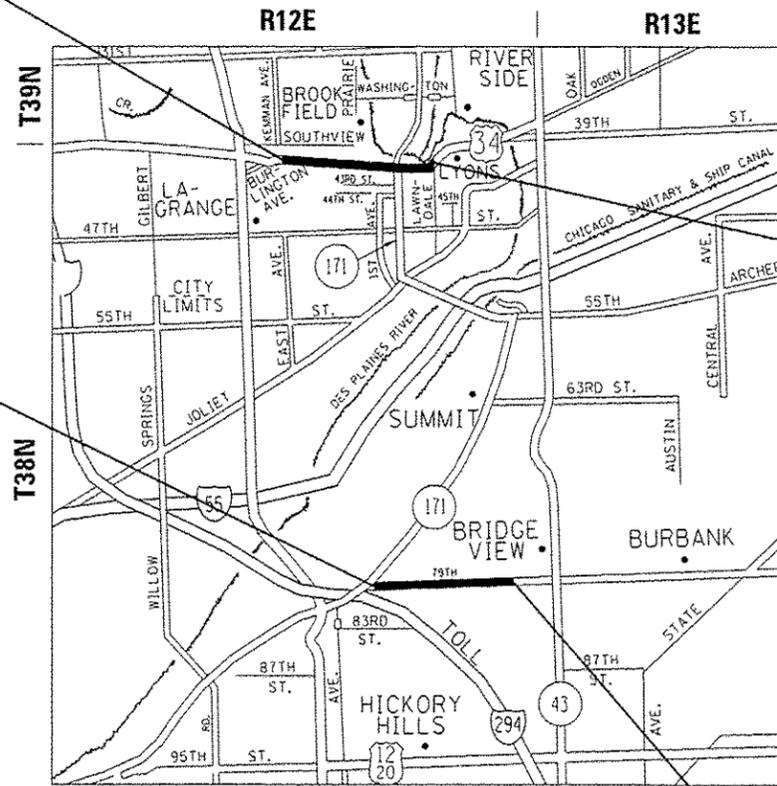


LOC. 1  
IMPROVEMENT BEGINS:  
US RTE. 34 AND EAST AVE./EBERLY AVE.

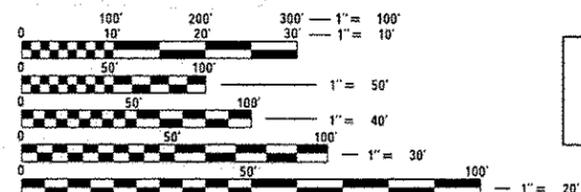
LOC. 1  
IMPROVEMENT ENDS:  
US RTE. 34 AND LAWNDALE AVE.

LOC. 2  
IMPROVEMENT BEGINS:  
79TH ST. AND 88TH AVE.

LOC. 2  
IMPROVEMENT ENDS:  
79TH ST. AND 78TH AVE.



LYONS TOWNSHIP  
GROSS LENGTH = 15,965.95 FT. = 3.024 MILE  
NET LENGTH = 9,268.85 FT. = 1.755 MILE



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: J. ALAIN MIDY (847) 221-3056  
PROJECT MANAGER: ISSAM RAYYAN (847) 705-4178

CONTRACT NO. 62F01

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 23 2017  
Anthony J. Ruffalo  
REGIONAL ENGINEER

May 12 2017  
Mohammed M. Adis  
ENGINEER OF DESIGN AND ENVIRONMENT

May 12 2017  
[Signature]  
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS



URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80/20	80/20			
				(FED/STATE) LOC. 1	(FED/STATE) LOC. 2			
				0044	0044			
				NHPP	STP			
25200110	SODDING, SALT TOLERANT	SO YD	62	5	57			
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	3	3				
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	40	20.2	19.8			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	10	4.5	5.5			
42001300	PROTECTIVE COAT	SO YD	12	12				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	100	100				
44000600	SIDEWALK REMOVAL	SO FT	100	100				
44201713	CLASS D PATCHES, TYPE 1, 6 INCH	SO YD	10	10				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	14	3	11			
60251400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 10 FRAME AND GRATE	EACH	1	1				
60251600	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 12 FRAME AND GRATE	EACH	2	2				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	27	15	12			
60260100	INLETS TO BE ADJUSTED	EACH	9	2	7			
60260600	INLETS TO BE ADJUSTED WITH NEW TYPE 4 FRAME AND GRATE	EACH	1	1				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80/20	80/20			
				(FED/STATE) LOC. 1	(FED/STATE) LOC. 2			
				0044	0044			
				NHPP	STP			
60262700	INLETS TO BE RECONSTRUCTED	EACH	4	2	2			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3			
67100100	MOBILIZATION	LSUM	1	0.5	0.5			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	0.5	0.5			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	0.5	0.5			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	0.5	0.5			
X1200048	DRAINAGE STRUCTURE LINING	FOOT	447	138	309			
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	580	260	320			
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	102.8	51.4	51.4			

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
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		CHECKED :	REVISED :
		-	-
		DATE :	REVISED :
		-	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 34 (OGDEN AVE.) AND 79TH STREET.  
SUMMARY OF QUANTITIES**

VAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2017-003T	COOK	13	3
CONTRACT NO. 62F01				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

14

9

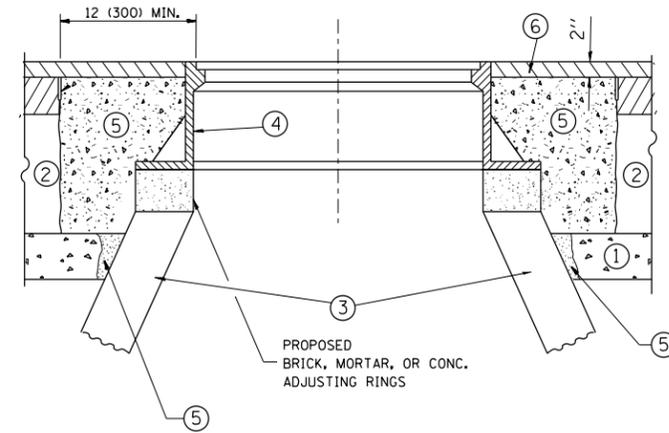
NO.	DESCRIPTION	SCHEDULE											COMMENTS	
		STRUC. TYPE	CB TO BE ADJUSTED (EACH)	CB TO BE RECONSTRUCTED (EACH)	CB TO BE ADJUSTED W/ NEW TYPE 10 FRAME & GRATE (EACH)	CB TO BE ADJUSTED W/ NEW TYPE 12 FRAME & GRATE (EACH)	INLET TO BE ADJUSTED (EACH)	INLET TO BE RECONSTRUCTED (EACH)	INLET TO BE ADJUSTED W/ NEW TYPE 4 FRAME & GRATE (EACH)	COMBINATION CONC. CURB & GUTTER REMOVAL & REPLACEMENT (LF)	DRAINAGE STRUCTURE LINING (LF)			
1	9115 Ogden Ave. (EB)	CB	-	-	-	1	-	-	-	10	7			
2	8863 Ogden Ave. (EB)	CB	-	1	-	-	-	-	-	10	7			
3	8853 Ogden Ave. (EB)	CB	-	1	-	-	-	-	-	10	7			
4	8819 Ogden Ave. (EB)	CB	-	1	-	-	-	-	-	10	7			
5	8815 Ogden Ave. (EB)	CB	-	-	-	-	-	-	1	10	3			
6	8809 Ogden Ave. (EB)	CB	-	1	-	-	-	-	-	10	5			
7	8553 Ogden Ave. (EB)	CB	-	1	-	-	-	-	-	10	7			
8	8501 Ogden Ave. (EB)	CB	1	-	-	-	-	-	-	10	10			
9	8285 Ogden Ave. (EB)	CB	-	1	-	-	-	-	-	10	5			1/2 BLOCK EAST OF PLAINFIELD RD.
10	8260 Ogden Ave. (WB)	CB	-	1	-	-	-	-	-	10	4			700FT. WEST OF LAWDALE AVE.
11	8282 Ogden Ave. (WB)	CB	-	1	-	-	-	-	-	10	5			975FT. WEST OF LAWDALE AVE.
12	8542 Ogden Ave. (WB)	CB	-	1	-	-	-	-	-	10	5			
13	8904 Ogden Ave. (WB)	CB	-	1	-	-	-	-	-	10	5			
14	8934 Ogden Ave. (WB)	CB	-	-	-	-	-	1	-	10	3			HOLE BEHIND STRUCTURE USE CLASS D PATCH IF NECESSARY
15	9000 Ogden Ave. (WB)	CB	-	1	-	-	-	-	-	10	5			
16	9018 Ogden Ave. (WB)	CB	-	1	-	-	-	-	-	10	5			
17	9022 Ogden Ave. (WB)	CB	-	-	-	-	-	-	-	-	10			HOLE BEHIND STRUCTURE USE CLASS D PATCH IF NECESSARY
18	9034 Ogden Ave. (WB)	CB	-	-	-	-	-	1	-	10	3			
19	9100 Ogden Ave. (WB)	CB	-	-	-	-	-	1	-	10	3			
20	9124 Ogden Ave. (WB)	CB	-	-	-	-	-	-	1	10	3			ROAD IS COLLAPSING AROUND STRUCTURE USE CLASS D PATCH AND/OR NEW SIDEWALK QTY IF NECESSARY
SUB-TOTAL			1	12	-	1	2	2	1	190	109			

NO.	DESCRIPTION	SCHEDULE											COMMENTS	
		STRUC. TYPE	CB TO BE ADJUSTED (EACH)	CB TO BE RECONSTRUCTED (EACH)	CB TO BE ADJUSTED W/ NEW TYPE 10 FRAME & GRATE (EACH)	CB TO BE ADJUSTED W/ NEW TYPE 12 FRAME & GRATE (EACH)	INLET TO BE ADJUSTED (EACH)	INLET TO BE RECONSTRUCTED (EACH)	INLET TO BE ADJUSTED W/ NEW TYPE 4 FRAME & GRATE (EACH)	COMBINATION CONC. CURB & GUTTER REMOVAL & REPLACEMENT (LF)	DRAINAGE STRUCTURE LINING (LF)			
21	9230 Ogden Ave. (WB)	CB	-	-	-	1	-	-	-	10	5			
22	9260 Ogden Ave. (WB)	CB	1	-	-	-	-	-	-	10	5			
23	9414 Ogden Ave. (WB)	CB	1	-	-	-	-	-	-	10	5			
24	9450 Ogden Ave. (WB)	CB	-	1	-	-	-	-	-	10	5			
25	9526 Ogden Ave. (WB)	CB	-	-	1	-	-	-	-	10	5			
26	9542 Ogden Ave. (WB)	CB	-	1	-	-	-	-	-	10	7			
27	9600 Ogden Ave. (WB)		-	1	-	-	-	-	-	10	7			ROAD IS COLLAPSING AROUND STRUCTURE USE CLASS D PATCH IF NECESSARY
SUB-TOTAL			2	3	1	1	-	-	-	70	39			
US 34 (OGDEN AVE.) TOTAL			3	15	1	2	2	2	1	260	148			

NO.	DESCRIPTION	SCHEDULE											COMMENTS	
		STRUC. TYPE	CB TO BE ADJUSTED (EACH)	CB TO BE RECONSTRUCTED (EACH)	CB TO BE ADJUSTED W/ NEW TYPE 10 FRAME & GRATE (EACH)	CB TO BE ADJUSTED W/ NEW TYPE 12 FRAME & GRATE (EACH)	INLET TO BE ADJUSTED (EACH)	INLET TO BE RECONSTRUCTED (EACH)	INLET TO BE ADJUSTED W/ NEW TYPE 4 FRAME & GRATE (EACH)	COMBINATION CONC. CURB & GUTTER REMOVAL & REPLACEMENT (LF)	DRAINAGE STRUCTURE LINING (LF)			
1	8755 W. 79TH St. (EB)	CB	-	1	-	-	-	-	-	10	7			
2	8709 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	7			NEAR LIGHT POLE #62
3	8665 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	7			NEAR LIGHT POLE #60
4	8633 W. 79TH St. (EB)	CB	-	1	-	-	-	-	-	10	7			30FT. WEST 86th CT.
5	8615 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	5			80FT. EAST OF 86th CT.
6	8545 W. 79TH St. (EB)	CB	-	1	-	-	-	-	-	10	7			
7	8527 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	7			
8	8501 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	10			
9	8447 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	5			
10	8419 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	5			
11	8381 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	7			30FT. EAST OF 84th AVE.
12	8321 W. 79TH St. (EB)	CB	-	1	-	-	-	-	-	10	7			JUST EAST OF 83rd CT.
13	8301 W. 79TH St. (EB)	CB	1	-	-	-	-	-	-	10	7			
14	8231 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	7			
15	8201 W. 79TH St. (EB)	CB	1	-	-	-	-	-	-	10	7			
16	8149 W. 79TH St. (EB)	CB	1	-	-	-	-	-	-	10	5			NEAR LIGHT POLE #36, EAST OF 82ND AVE.
17	8127 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	5			NEAR TRAILER PARK
18	8049 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	5			
19	8063 W. 79TH St. (EB)	CB	-	-	-	-	1	-	-	10	3			NEAR TRAILER PARK
20	8047 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	3			NEAR LIGHT POLE #30
SUB-TOTAL			3	4	-	-	1	-	-	80	123			

NO.	DESCRIPTION	SCHEDULE											COMMENTS	
		STRUC. TYPE	CB TO BE ADJUSTED (EACH)	CB TO BE RECONSTRUCTED (EACH)	CB TO BE ADJUSTED W/ NEW TYPE 10 FRAME & GRATE (EACH)	CB TO BE ADJUSTED W/ NEW TYPE 12 FRAME & GRATE (EACH)	INLET TO BE ADJUSTED (EACH)	INLET TO BE RECONSTRUCTED (EACH)	INLET TO BE ADJUSTED W/ NEW TYPE 4 FRAME & GRATE (EACH)	COMBINATION CONC. CURB & GUTTER REMOVAL & REPLACEMENT (LF)	DRAINAGE STRUCTURE LINING (LF)			
21	8001 W. 79TH St. (EB)	CB	-	-	-	-	1	-	-	10	7			JUST WEST OF ROBERTS RD.
22	7987 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	3			NEAR CLARK STATION
23	7947 W. 79TH St. (EB)	CB	-	-	-	-	-	1	-	10	7			
24	7887 W. 79TH St. (EB)	CB	-	-	-	-	-	1	-	10	3			
25	7869 W. 79TH St. (EB)	CB	1	-	-	-	-	-	-	10	5			NEAR SUPER 8 MOTEL
26	7835 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	7			NEAR AUTOZONE
27	7801 W. 79TH St. (EB)	CB	-	-	-	-	-	-	-	-	7			
28	7812 W. 79TH St. (WB)	CB	-	1	-	-	-	-	-	10	5			
29	7844 W. 79TH St. (WB)	CB	-	-	-	-	-	-	-	-	7			NEAR THE LIBRARY
30	7920 W. 79TH St. (WB)	CB	-	-	-	-	1	-	-	10	3			NEAR MCDONALD'S DRIVEWAY
31	7948 W. 79TH St. (WB)	CB	-	-	-	-	1	-	-	10	7			
32	7860 W. 79TH St. (WB)	CB	-	-	-	-	1	-	-	10	3			EAST OF ROBERTS RD. IN FRONT OF BP STATION
33	8001 W. 79TH St. (WB)	CB	-	1	-	-	-	-	-	10	5			NEAR CEMETARY
34	8014 W. 79TH St. (WB)	CB	1	-	-	-	-	-	-	10	7			ACROSS DUNKIN DONUTS
35	8042 W. 79TH St. (WB)	CB	1	-	-	-	-	-	-	10	7			
36	8072 W. 79TH St. (WB)	CB	1	-	-	-	-	-	-	10	7			
37	8112 W. 79TH St. (WB)	CB	-	1	-	-	-	-	-	10	5			
38	8200 W. 79TH St. (WB)	CB	-	-	-	-	-	-	-	-	7			
39	8224 W. 79TH St. (WB)	CB	1	-	-	-	-	-	-	10	7			
40	8250 W. 79TH St. (WB)	CB	1	-	-	-	-	-	-	10	7			
SUB-TOTAL			6	3	-	-	4	2	-	150	116			

NO.	DESCRIPTION	SCHEDULE											COMMENTS	
		STRUC. TYPE	CB TO BE ADJUSTED (EACH)	CB TO BE RECONSTRUCTED (EACH)	CB TO BE ADJUSTED W/ NEW TYPE 10 FRAME & GRATE (EACH)	CB TO BE ADJUSTED W/ NEW TYPE 12 FRAME & GRATE (EACH)	INLET TO BE ADJUSTED (EACH)	INLET TO BE RECONSTRUCTED (EACH)	INLET TO BE ADJUSTED W/ NEW TYPE 4 FRAME & GRATE (EACH)	COMBINATION CONC. CURB & GUTTER REMOVAL & REPLACEMENT (LF)	DRAINAGE STRUCTURE LINING (LF)			
41	8320 W. 79TH St. (WB)	CB	-	-	-	-	-	-	-	-	7			
42	8346 W. 79TH St. (WB)	CB	-	-	-	-	-	-	-	-	7			
43	8406 W. 79TH St. (WB)	CB	1	-	-	-	-	-	-	10	7			
44	8430 W. 79TH St. (WB)	CB	1	-	-	-	-	-	-	10	7			
45	8470 W. 79TH St. (WB)	CB	-	1	-	-	-	-	-	10	7			DRIVEWAY NEAR GOLF RANGE
46	8528 W. 79TH St. (WB)	CB	-	-	-	-	-	-	-	-	5			
47	8546 W. 79TH St. (WB)	CB	-	1	-	-	-	-	-	10	7			
48	8616 W. 79TH St. (WB)	CB	-	1	-	-	-	-	-	10	5			
49	8634 W. 79TH St. (WB)	CB	-	1	-	-	-	-	-	10	5			NEAR LIGHT POLE #59
50	8666 W. 79TH St. (WB)	CB	-	1	-	-	-	-	-	10	7			
51	8750 W. 79TH St. (WB)	CB	-	-	-	-	1	-	-	10	3			NEAR LIGHT POLE #60
52	8780 W. 79TH St. (WB)	CB	-	-	-	-	1	-	-	10	3			FIRST STRUCTURE EAST OF 88TH AVE.
SUB-TOTAL			2	5	-	-	2	-	-	90	70			
79TH STREET TOTAL			11	12	-	-	7	2	-	320	309			



**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ EXISTING STRUCTURE
- ④ FRAME AND LID (SEE NOTES)
- ⑤ CLASS PP-1\* CONCRETE
- ⑥ PROPOSED HMA SURFACE COURSE MIX "D", N70

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT  
DETAIL**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = diazo	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI181\Drawings\Design\Diststd.dgn			REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 3/24/2017	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2017-003T	COOK	13	9
CONTRACT NO. 62F01			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

**BASIS OF PAYMENT:**  
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

SEE STATE STANDARD 606001  
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)  
1/4" (5) \*\*

18" (450) MAX.

3" (75) MIN.

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

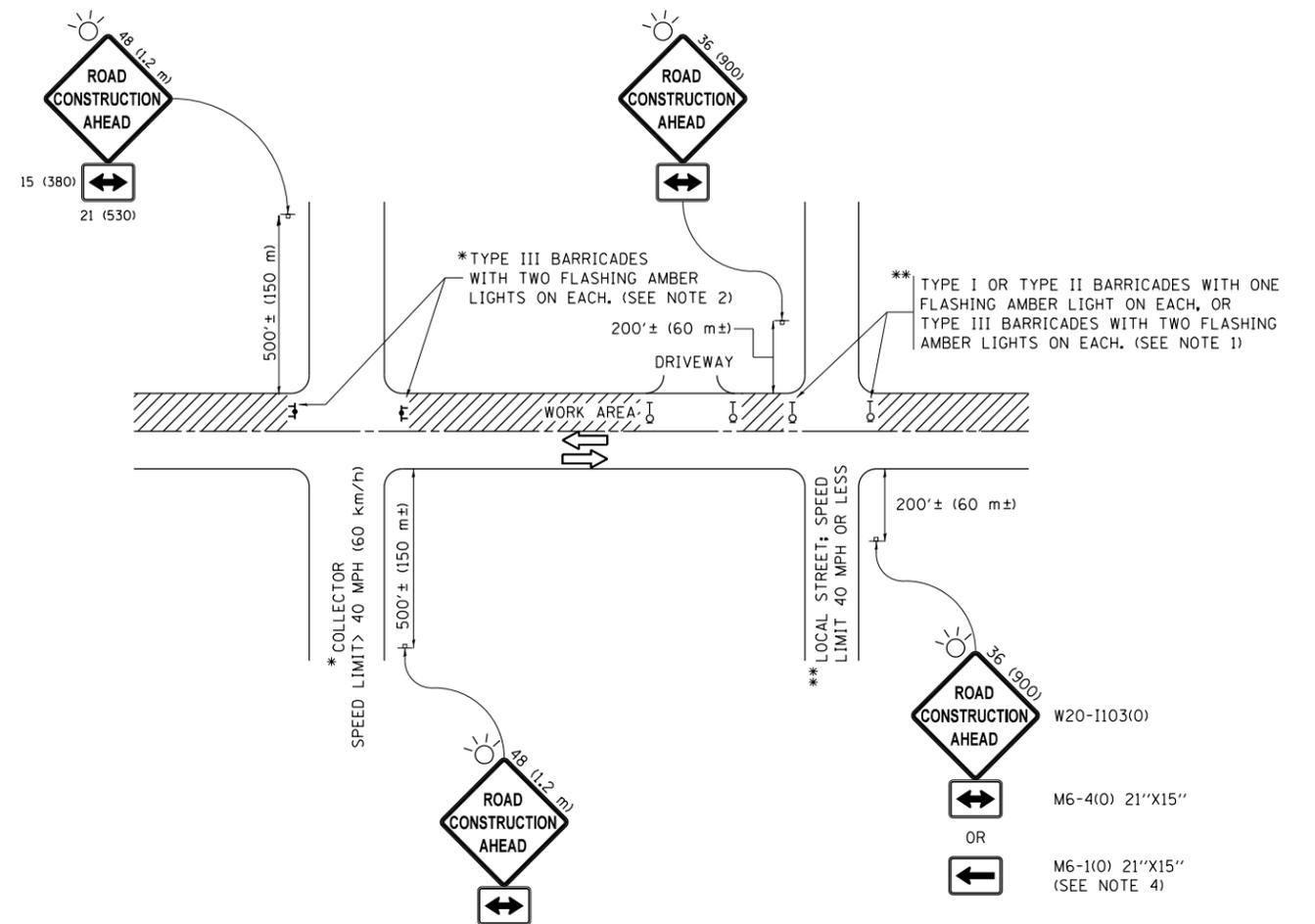
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = diazio	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\1\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI181\Drawings\Design\Diststd.dgn		REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01					VAR.	2017-003T	COOK	13	10
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 12-15-09			<b>BD600-06 (BD-24)</b>			<b>CONTRACT NO. 62F01</b>				
PLOT DATE = 3/24/2017	DATE - 03-11-94				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT		



**NOTES:**

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME =	USER NAME = diazo	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI181\Drawings\Design\Diststd.dgn			REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 3/24/2017	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

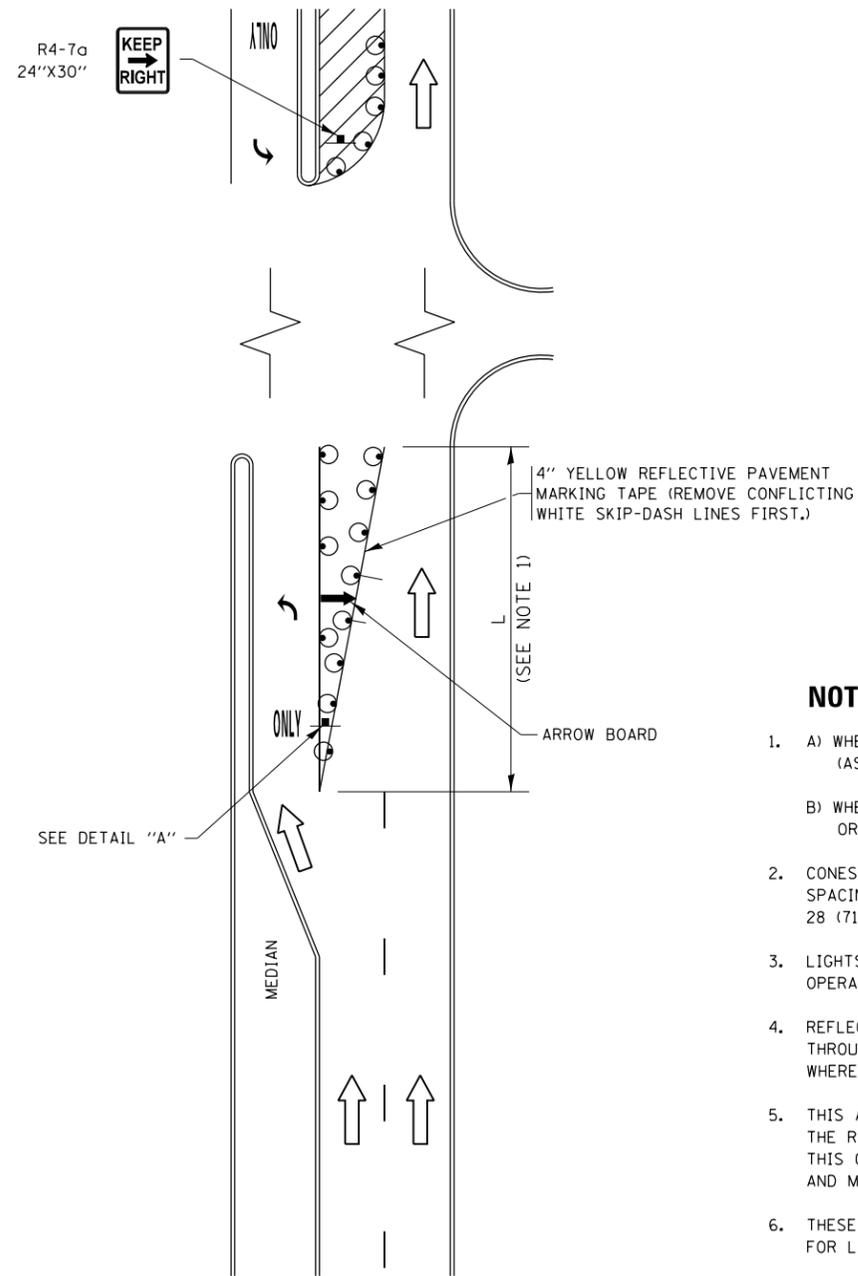
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

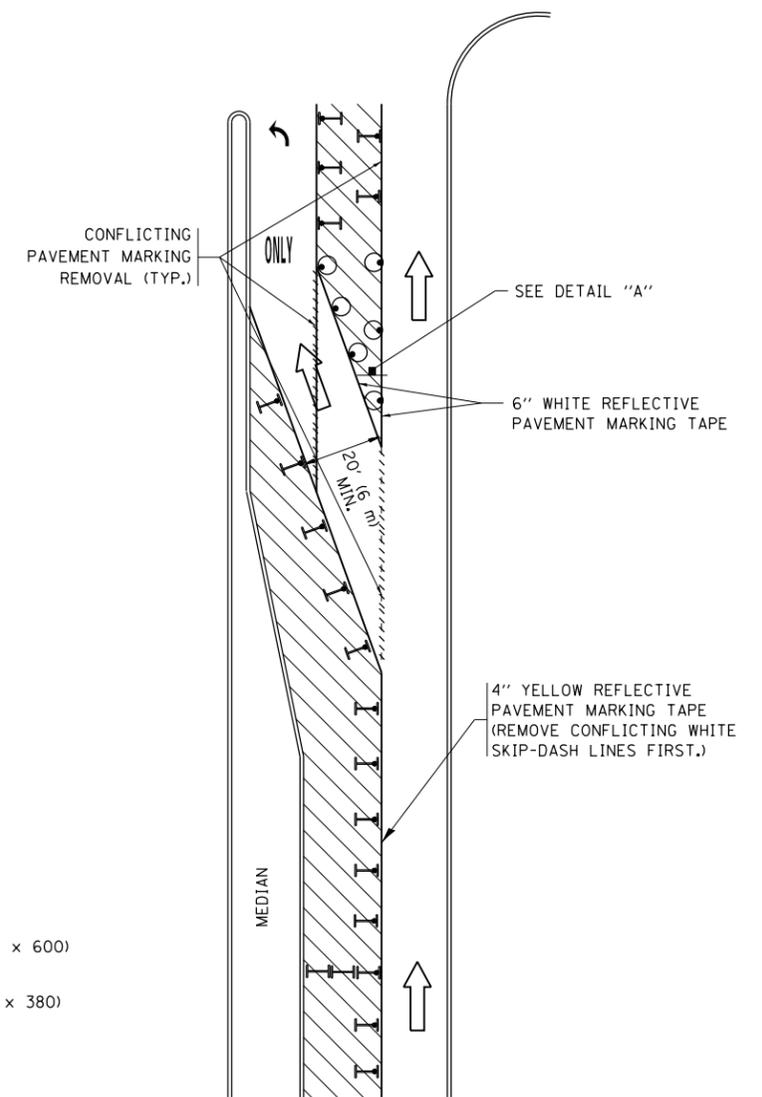
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2017-003T	COOK	13	11
<b>TC-10</b>			<b>CONTRACT NO. 62F01</b>	
ILLINOIS FED. AID PROJECT				

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

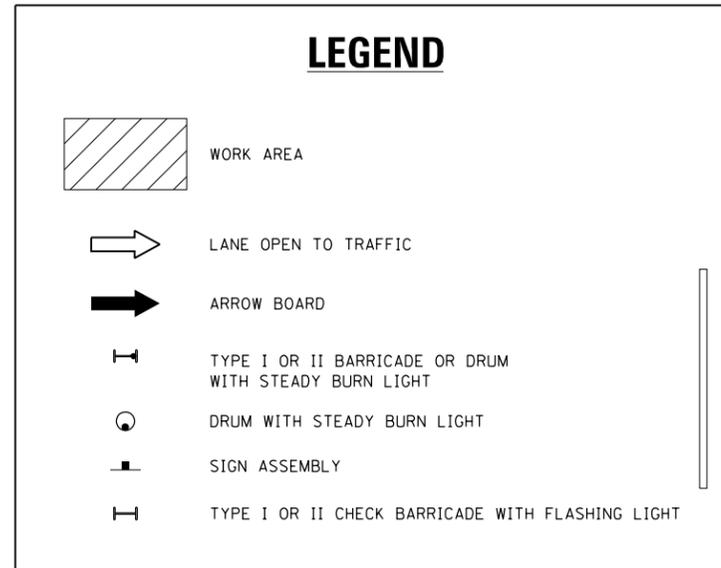


**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE

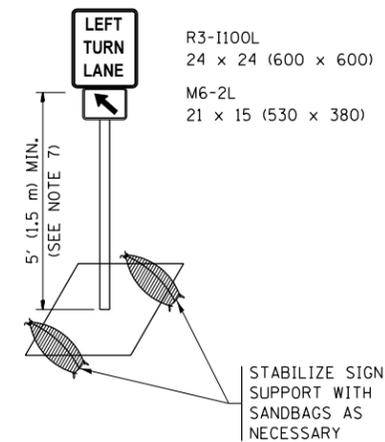


**FIGURE 2**



### NOTES:

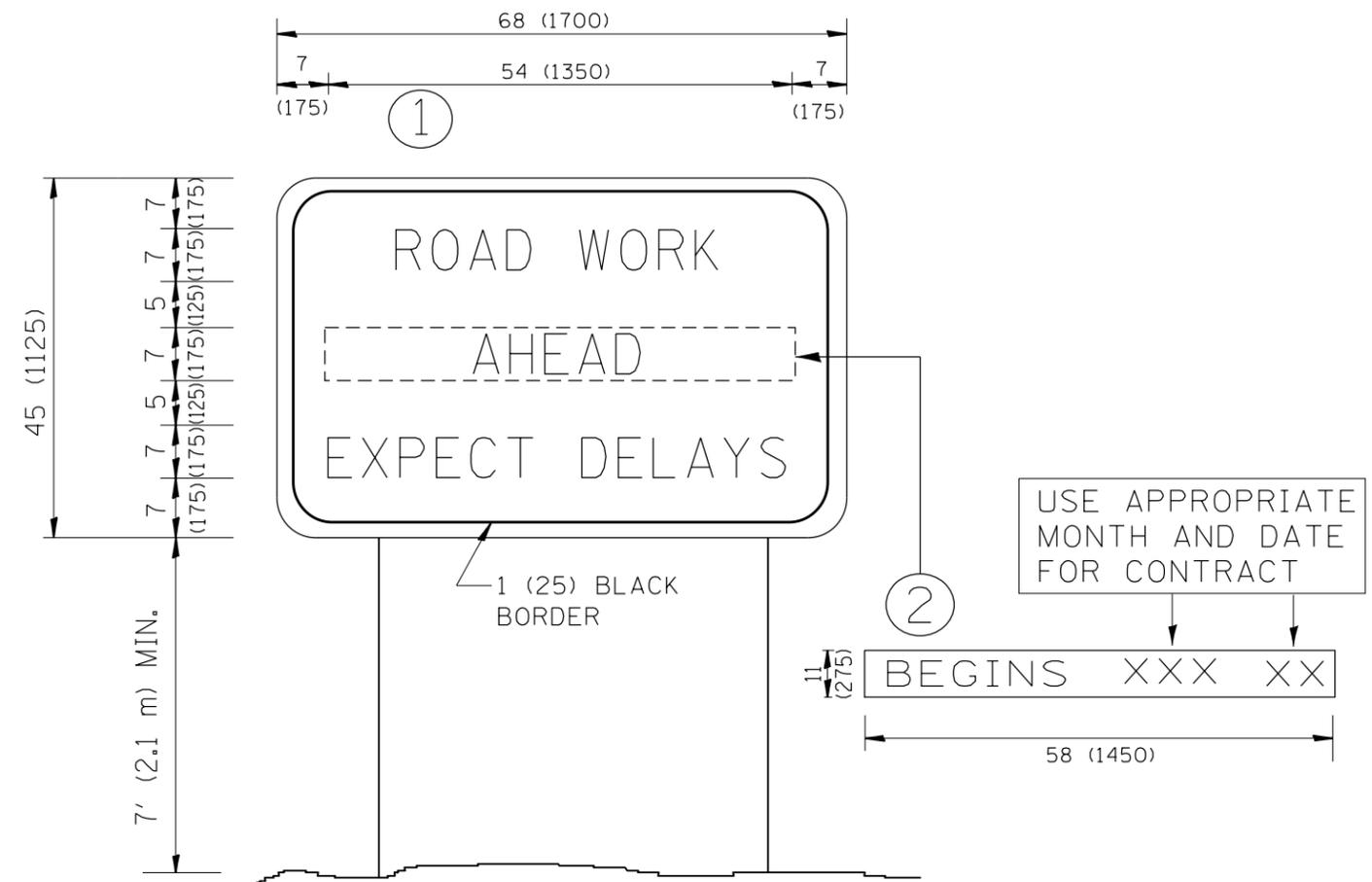
1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



**DETAIL A**

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

FILE NAME =	USER NAME = diazo	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)</b>			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13					VAR.	2017-003T	COOK	13	12
		REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		<b>TC-14</b>			<b>CONTRACT NO. 62F01</b>				
		REVISED - T. RAMMACHER 01-06-00	REVISED -		ILLINOIS FED. AID PROJECT							



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = diazo	DESIGNED -	REVISED - R. MIRS 09-15-97
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI181\Drawings\Design\Diststd.dgn			REVISED - R. MIRS 12-11-97
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 3/24/2017	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2017-003T	COOK	13	13
TC-22		CONTRACT NO. 62F01		
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				