

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	11-1T	COOK	14	1
		ILLINOIS	CONTRACT NO. 62097	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

IMPROVEMENT LOCATED IN THE CITY OF CHICAGO HEIGHTS

FAP ROUTE 353: U.S. RTE. 30 (14TH ST.)
EAST END AVE. TO STATE STREET
SECTION: 11-1T
DRAINAGE (STRUCTURE LINING)
COOK COUNTY

C-91-178-17

PROJECT: STP-0353 (024)
R 14 E

TRAFFIC DATA

2015 ADT : 19,300

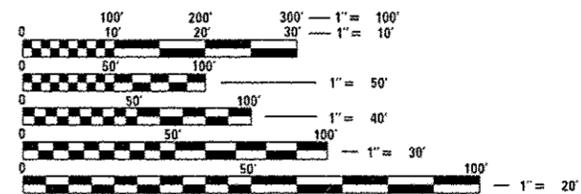
POSTED SPEED LIMIT

20-35 MPH



IMPROVEMENT BEGINS:
EAST END AVE.

IMPROVEMENT ENDS:
STATE ST.



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



BLOOM TOWNSHIP

GROSS LENGTH = 4,243 FT. = 0.88 MILE
NET LENGTH = 4,4243 FT. = 0.88 MILE

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

CONTRACT NO. 62D97

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 7 20 17
Anthony J. Dwyer REGIONAL ENGINEER

Mar 24 20 17
Maween M. Addis P.E. ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24 20 17
David A. ... DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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- 13. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC (TC-14)
- 14. ARTERIAL ROAD INFORMATION SIGN (TC-22)

STATE STANDARDS

- 604001-04 FRAME AND LIDS, TYPE 1
- 604086-03 FRAME AND GRATE TYPE 23
- 604091-03 FRAME AND GRATE TYPE 24
- 701602-08 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTI LANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-06 TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- 1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- 2. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- 3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE CITY OF CHICAGO HEIGHTS.
- 4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 5. USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATIONS, FOR ALL TIE BARS. USE THE "LONGITUDINAL CONSTRUCTION JOINT (TIE BAR GROUTED IN PLACE)" DETAIL SHOWN ON HIGHWAY STANDARD 420001 FOR ALL LONGITUDINAL JOINTS.
- 6. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 8. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 9. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE.
- 10. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

- 11. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 12. FOR FRAMES AND LIDS/GRATES ADJUSTMENT OR RECONSTRUCTION, REUSE EXISTING FRAME AND LID/GRATE UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- 13. FRAME AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THE RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- 14. ALL STRUCTURES SHALL BE BASED ON 4 FT DIAMETER.
- 15. THE ENGINEER SHALL CONTACT THE HARVEY MAINTENANCE YARD AT 708-596-3132 FOR VERIFICATION OF ANY STRUCTURE LOCATION IF REQUIRED.

HMA MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (2")	4% @ 70 CYR	QC /QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA):		

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SOYD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUANTITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

FILE NAME :	USER NAME = dlozie	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 30 FROM EAST END AVE. TO STATE ST. INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			353	11-1T	COOK	14	2	
	PLOT DATE = 2/14/2017	DATE -	REVISED -			SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62D97											

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0044				
25200110	SODDING, SALT TOLERANT	SO YD	70	70				
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	3	3				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6	6				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	100	100				
44000600	SIDEWALK REMOVAL	SO FT	100	100				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	6	6				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	12	12				
60254330	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	2	2				
60254340	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1				
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1				
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60260100	INLETS TO BE ADJUSTED	EACH	8	8				
60261530	INLETS TO BE ADJUSTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	2	2				
60262700	INLETS TO BE RECONSTRUCTED	EACH	6	6				
60264130	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	3	3				

URBAN
80120 (Red/Blue)

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0044				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	LSUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	1				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1				
X1200048	DRAINAGE STRUCTURE LINING	FOOT	616	616				
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	420	420				
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	102.8	102.8				

15

9

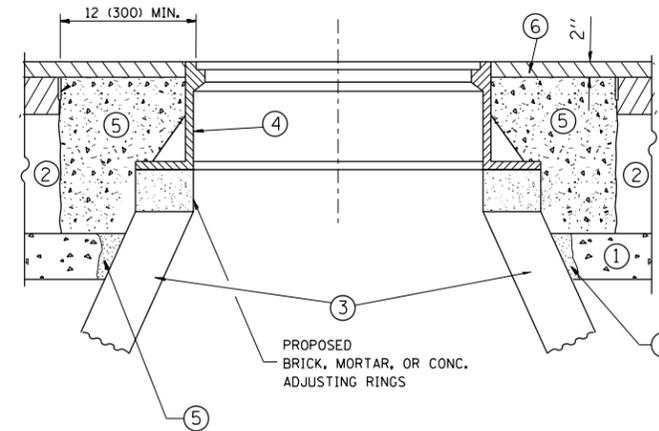
NO.	DESCRIPTION	SCHEDULE													COMMENTS
		STRUC. TYPE	CB TO BE ADJUSTED (EACH)	CB TO BE RECONSTRUCTED (EACH)	CB TO BE RECONSTRUCTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	CB TO BE RECONSTRUCTED W/ NEW TYPE 24 FRAME & GRATE (EACH)	MH TO BE ADJUSTED (EACH)	MH TO BE ADJUSTED W NEW TYPE 1 FRAME, CLOSED LID (EACH)	INLET TO BE ADJUSTED (EACH)	INLET TO BE ADJUSTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	INLET TO BE RECONSTRUCTED (EACH)	INLET TO BE RECONSTRUCTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	COMBINATION CONC. CURB & GUTTER REMOVAL & REPLACEMENT (LF)	DRAINAGE STRUCTURE LINING (LF)	
1	128 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	1	-	10	3	BRICKS AND RINGS NEED TO BE REPAIRED.
2	128 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
3	130 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
4	130 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
5	130 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	3	
6	138 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	3	
7	140 E. Lincoln Hwy.	CB	-	-	-	-	-	-	1	-	-	-	10	3	RING NEEDS REPLACEMENT.
8	154 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	8	
9	154 E. Lincoln Hwy.	CB	1	-	-	-	-	-	-	-	-	-	10	8	
10	160 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	7	
11	170 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	7	
12	182 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	8	
13	190 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	7	
14	200 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	7	
15	210 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	8	
16	210 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	5	
17	214 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	-	10	7	
18	214 E. Lincoln Hwy.	CB	1	-	-	-	-	-	-	-	-	-	10	6	
19	240 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	-	10	8	
20	248 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	-	10	9	
SUB-TOTAL			2	3	-	-	-	-	1	-	1	-	70	128	

NO.	DESCRIPTION	SCHEDULE													COMMENTS
		STRUC. TYPE	CB TO BE ADJUSTED (EACH)	CB TO BE RECONSTRUCTED (EACH)	CB TO BE RECONSTRUCTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	CB TO BE RECONSTRUCTED W/ NEW TYPE 24 FRAME & GRATE (EACH)	MH TO BE ADJUSTED (EACH)	MH TO BE ADJUSTED W NEW TYPE 1 FRAME, CLOSED LID (EACH)	INLET TO BE ADJUSTED (EACH)	INLET TO BE ADJUSTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	INLET TO BE RECONSTRUCTED (EACH)	INLET TO BE RECONSTRUCTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	COMBINATION CONC. CURB & GUTTER REMOVAL & REPLACEMENT (LF)	DRAINAGE STRUCTURE LINING (LF)	
21	254 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	10	7		
22	260 E. Lincoln Hwy.	CB	1	-	-	-	-	-	-	-	-	10	9	MINOR BRICK REPAIR.	
23	270 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	10	7		
24	272 E. Lincoln Hwy.	CB	1	-	-	-	-	-	-	-	-	10	9	MINOR AMOUNT OF BRICKS MISSING.	
25	282 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	9		
26	284 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	10	9	ONE ROW OF BLOCKS MISSING.	
27	300 E. Lincoln Hwy.	CB	1	-	-	-	-	-	-	-	-	10	7		
28	300 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	10	8		
29	300 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	7		
30	304 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	8		
31	304 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
32	304 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	3		
33	320 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	1	10	3		
34	320 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
35	320 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
36	320 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	7		
37	324 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	6		
38	340 E. Lincoln Hwy.	CB	-	-	1	-	-	-	-	-	-	10	7		
39	342 E. Lincoln Hwy.	CB	-	-	1	-	-	-	-	-	-	10	7		
40	342 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
SUB-TOTAL			3	4	2	-	-	-	-	-	-	1	100	141	

NO.	DESCRIPTION	SCHEDULE													COMMENTS
		STRUC. TYPE	CB TO BE ADJUSTED (EACH)	CB TO BE RECONSTRUCTED (EACH)	CB TO BE RECONSTRUCTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	CB TO BE RECONSTRUCTED W/ NEW TYPE 24 FRAME & GRATE (EACH)	MH TO BE ADJUSTED (EACH)	MH TO BE ADJUSTED W NEW TYPE 1 FRAME, CLOSED LID (EACH)	INLET TO BE ADJUSTED (EACH)	INLET TO BE ADJUSTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	INLET TO BE RECONSTRUCTED (EACH)	INLET TO BE RECONSTRUCTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	COMBINATION CONC. CURB & GUTTER REMOVAL & REPLACEMENT (LF)	DRAINAGE STRUCTURE LINING (LF)	
41	342 E. Lincoln Hwy.	MH	-	-	-	-	1	-	-	-	-	10	7		
42	366 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	10	10	BLOCKS AND RINGS NEED TO BE REPLACED. 5 SEWER PIPES.	
43	366 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	10	7		
44	366 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	10	7		
45	368 E. Lincoln Hwy.	CB	-	-	-	1	-	-	-	-	-	10	7		
46	368 E. Lincoln Hwy.	CB	-	-	-	-	-	-	1	-	-	10	3	MINOR DAMAGE TO RINGS.	
47	370 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
48	370 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	6		
49	370 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	1	10	3	SIDEWALK REPAIR (LENGHT: 20FT.)	
50	372 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
51	372 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	10	6		
52	372 E. Lincoln Hwy.	CB	-	-	-	-	-	-	1	-	-	10	3	BLOCK AND RINGS NEED REPLACEMENT.	
53	380 E. Lincoln Hwy.	MH	-	-	-	-	-	-	1	-	-	10	7	FRAME IS CRACKED.	
54	380 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
55	380 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
56	380 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
57	135 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	1	-	10	3		
58	145 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	3		
59	165 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	3		
60	173 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	3		
SUB-TOTAL			-	4	-	1	1	1	2	-	1	1	110	113	

NO.	DESCRIPTION	SCHEDULE													COMMENTS
		STRUC. TYPE	CB TO BE ADJUSTED (EACH)	CB TO BE RECONSTRUCTED (EACH)	CB TO BE RECONSTRUCTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	CB TO BE RECONSTRUCTED W/ NEW TYPE 24 FRAME & GRATE (EACH)	MH TO BE ADJUSTED (EACH)	MH TO BE ADJUSTED W NEW TYPE 1 FRAME, CLOSED LID (EACH)	INLET TO BE ADJUSTED (EACH)	INLET TO BE ADJUSTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	INLET TO BE RECONSTRUCTED (EACH)	INLET TO BE RECONSTRUCTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	COMBINATION CONC. CURB & GUTTER REMOVAL & REPLACEMENT (LF)	DRAINAGE STRUCTURE LINING (LF)	
81	339 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	8	
82	341 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
83	341 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
84	341 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
85	341 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	3	
86	341 E. Lincoln Hwy.	CB	1	-	-	-	-	-	-	-	-	10	8		
87	349 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	3		
88	349 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	1	-	10	3		
89	349 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
90	349 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	3		
91	349 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	3		
92	371 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
93	371 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
94	375 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	1	-	10	3		
95	375 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	8		
96	375 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	8		
97	375 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	7		
98	379 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	1	10	3		
99	381 E. Lincoln Hwy.	CB	-	-	-	-	-	-	1	-	-	10	3		
100	381 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	7		
SUB-TOTAL			1	-	-	-	-	-	-	1	2	1	50	112	

NO.	DESCRIPTION	SCHEDULE													COMMENTS
		STRUC. TYPE	CB TO BE ADJUSTED (EACH)	CB TO BE RECONSTRUCTED (EACH)	CB TO BE RECONSTRUCTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	CB TO BE RECONSTRUCTED W/ NEW TYPE 24 FRAME & GRATE (EACH)	MH TO BE ADJUSTED (EACH)	MH TO BE ADJUSTED W NEW TYPE 1 FRAME, CLOSED LID (EACH)	INLET TO BE ADJUSTED (EACH)	INLET TO BE ADJUSTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	INLET TO BE RECONSTRUCTED (EACH)	INLET TO BE RECONSTRUCTED W/ NEW TYPE 23 FRAME & GRATE (EACH)	COMBINATION CONC. CURB & CUTTER REMOVAL & REPLACEMENT (LF)	DRAINAGE STRUCTURE LINING (LF)	
101	381 E. Lincoln Hwy.	CB	-	-	-	-	-	-	-	-	-	-	-	7	
102	381 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
103	381 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
104	381 E. Lincoln Hwy.	CB	-	1	-	-	-	-	-	-	-	10	8	BLOCKS AND RINGS NEED TO BE REPAIRED.	
105	401 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
106	401 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
107	401 E. Lincoln Hwy.	MH	-	-	-	-	-	-	-	-	-	-	-	7	
SUB-TOTAL			-	1	-	-	-	-	-	-	-	10	50		
GRAND TOTAL			6	12	2	1	1	1	8	2	6	3	420	616	



NOTES:

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

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

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 | ④ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑤ CLASS PP-1* CONCRETE |
| ③ EXISTING STRUCTURE | 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
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI17\Drawings\Design\Diststd.dgn			REVISED - R. BORO 01-01-07
		CHECKED -	REVISED - R. BORO 03-09-11
		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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	XX	COOK	14	10
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D97	

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 USUABLE 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.

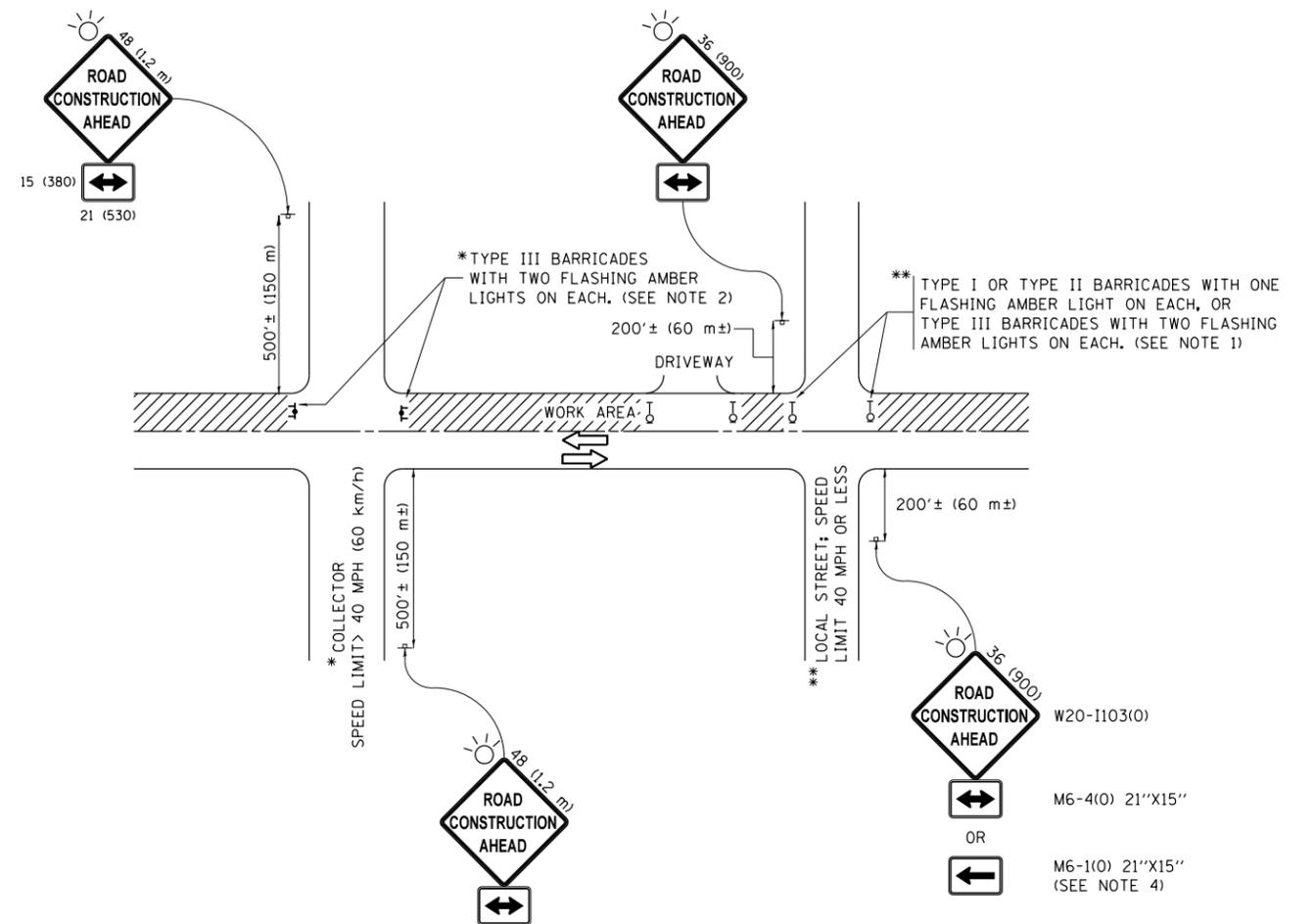
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

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 = diazo	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI1781\Drawings\Design\Diststd.dgn		REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01					353	XX	COOK	14	11
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 12-15-09			BD600-06 (BD-24)			CONTRACT NO. 62D97				
PLOT DATE = 2/14/2017	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:

1. 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:
 - a) 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.
 - b) 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.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) 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.
 - b) 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.
3. 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.
4. 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).
5. 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.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. 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 = diazio	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI1781\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 = 2/14/2017	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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353.	xx	COOK	14	12
TC-10			CONTRACT NO. 62D97	
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

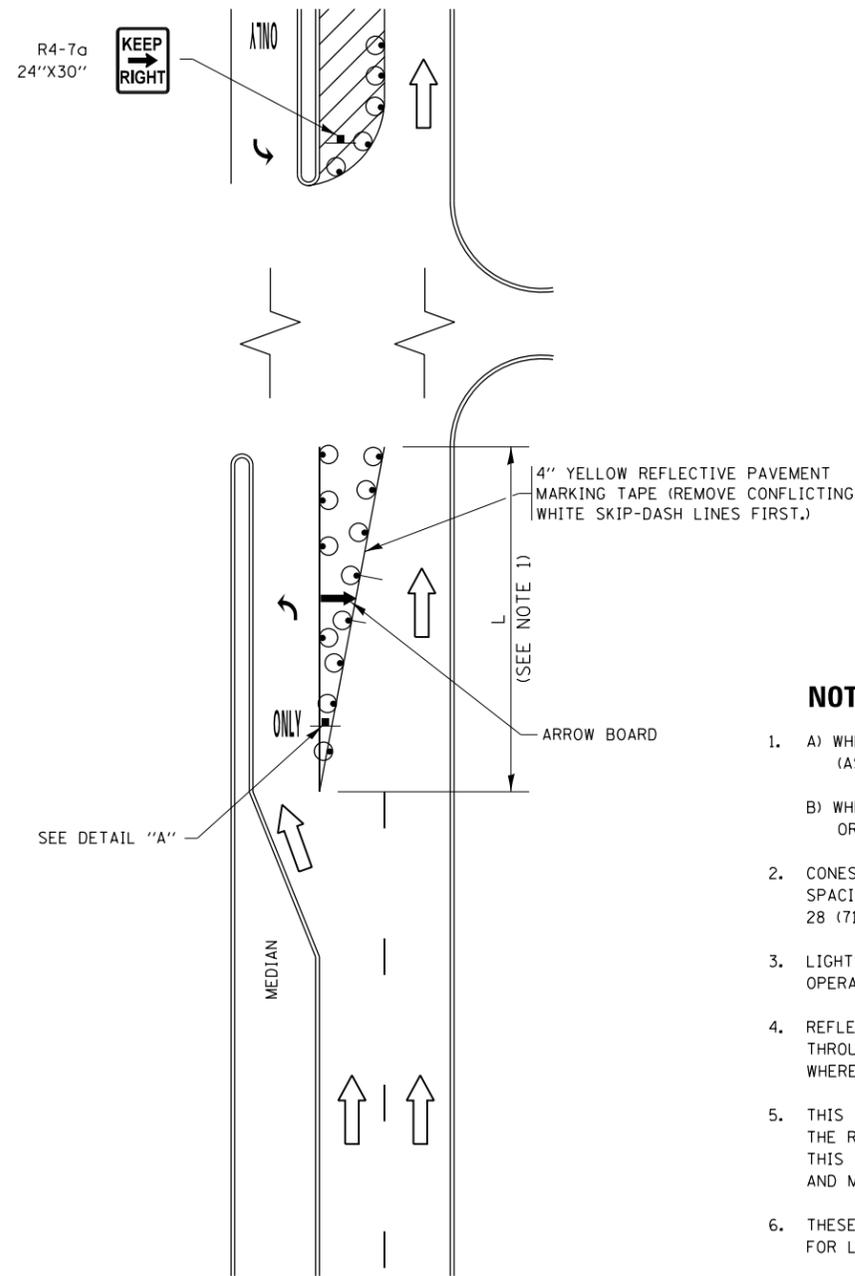


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

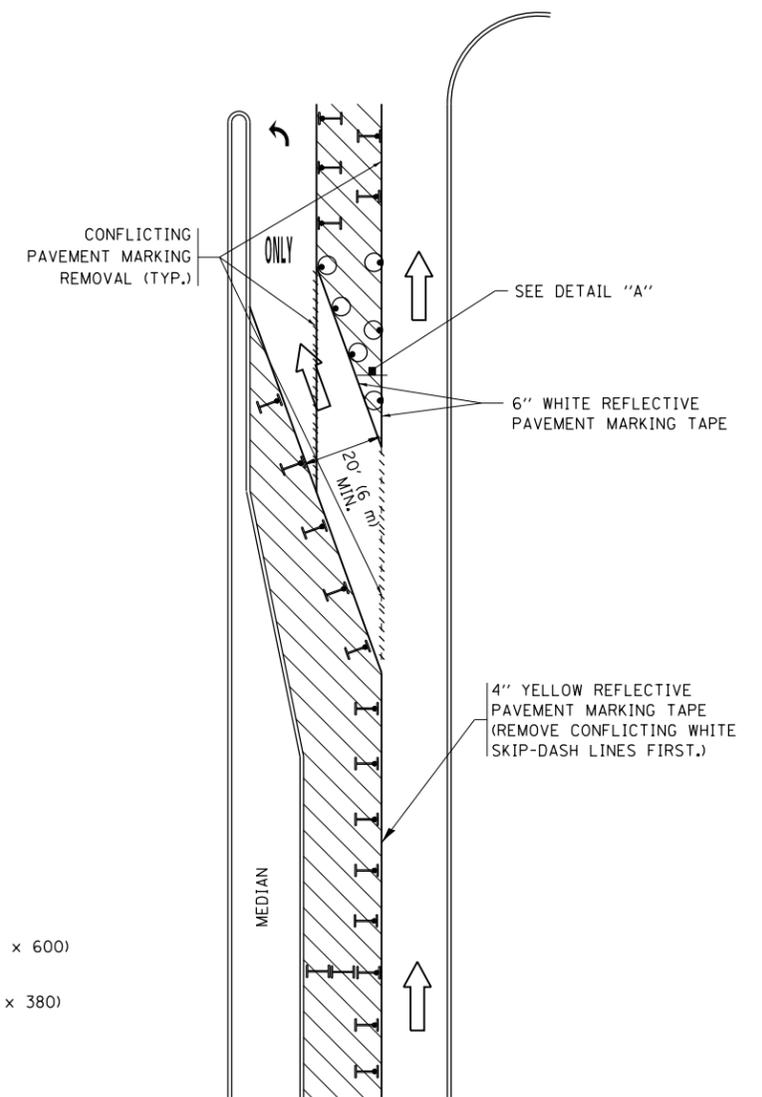


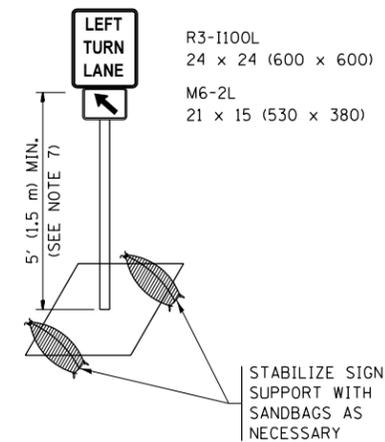
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

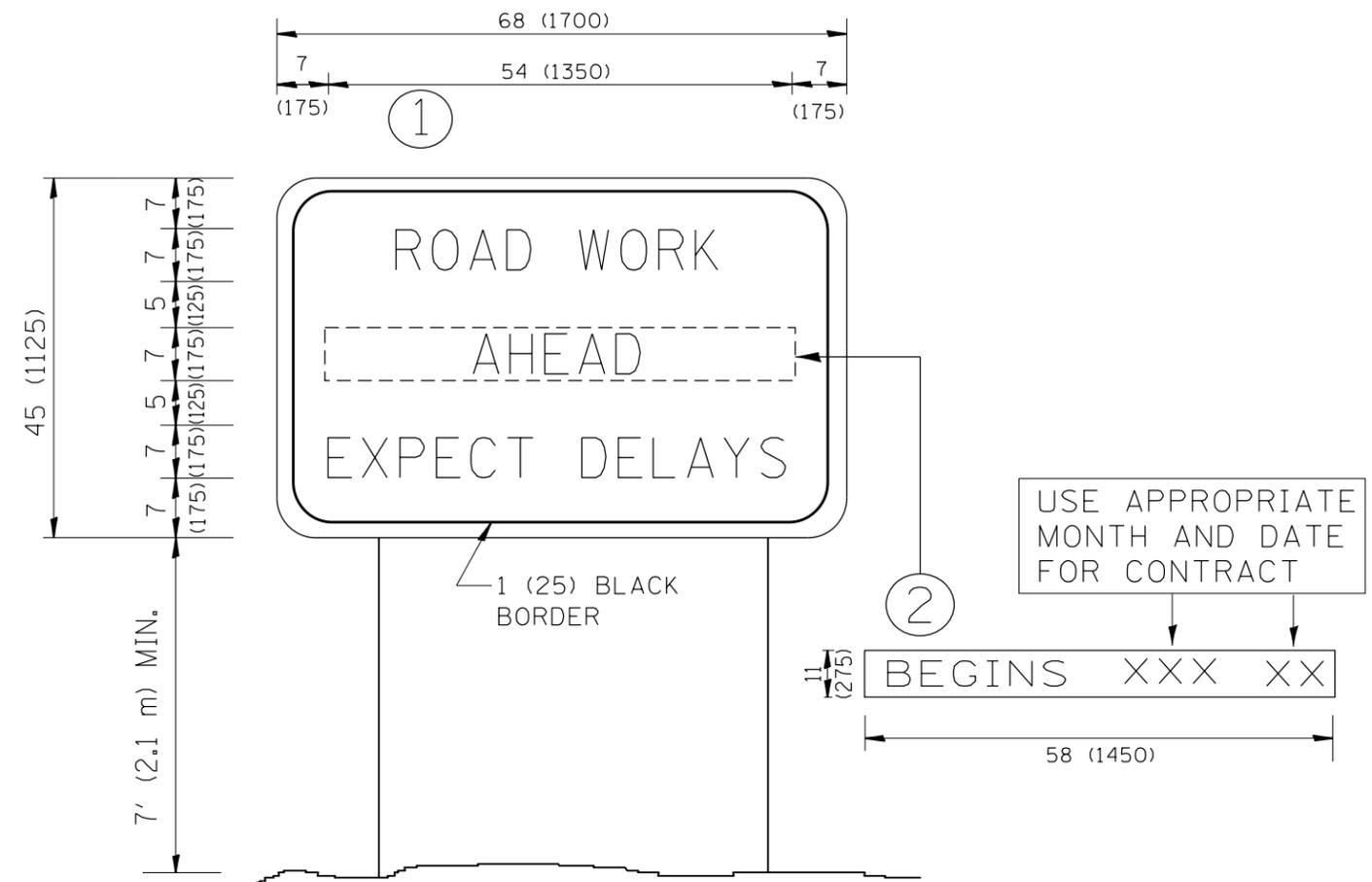
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. 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-I100R 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	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\DI1781\REVISED Design\A11055H 11-07-95	REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	REVISED - A. SCHUETZE 07-01-13			353	XX	COOK	14	13	
Default	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			TC-14		CONTRACT NO. 62D97			
	PLOT DATE = 2/14/2017	REVISED - T. RAMMACHER 01-06-00	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.				



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
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 2/14/2017	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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	XX	COOK	14	14
TC-22			CONTRACT NO. 62D97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				