

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1594	2019-043-T	COOK	10	1
CONTRACT NO. 62J21				

X

PROPOSED HIGHWAY PLANS

F.A.U ROUTE 1594: VERMONT ST.
WESTERN AVE TO ASHLAND AVE.
SECTION: 2019-043-T
PROJECT: STP-P8W4(209)
DRAINAGE (STRUCTURE LINING)
COOK COUNTY

C-91-376-19

R14E



PROJECT BEGINS
WESTERN AVE.

PROJECT ENDS
ASHLAND AVE.

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT LOCATED IN THE CITY OF BLUE ISLAND

TRAFFIC DATA

2018 ADT: 6050

POSTED SPEED LIMIT

35 MPH



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: FAWAD AQUEEL (847) 705-4247

GROSS & NET LENGTH = 5525.46 FT. = 1.05 MILE

CONTRACT NO. 62J21

D-91-165-19



LOCATION OF SECTION INDICATED THIS =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MAY 17 2019

Justin P. Dwyer / CAP
REGIONAL ENGINEER

Justin P. Dwyer
ENGINEER OF DESIGN AND ENVIRONMENT

David P. Chaffin
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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STATE STANDARDS

- 604006-05 FRAME AND LIDS TYPE 3
- 604011-05 FRAME AND GRATE TYPE 3V
- 604051-04 FRAME AND GRATE TYPE 11
- 604056-04 FRAME AND GRATE TYPE 11V
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24"
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURES, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURES, 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701427-05 OFF-ROAD ,MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 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 THE VILLAGE OF BLUE ISLAND.
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 KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV, 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 BILAL ALMASRI FROM THE ALSIP MAINTENANCE FACILITY AT (708) 448-0050 FOR VERIFICATION OF ANY STRUCTURE LOCATION IF REQUIRED.

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

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/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 = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHERIDAN ROAD (ASPEN LANE TO SCOTT AVENUE) INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\DI20517\Drawings\Design\DI20517-sht-plan.dgn		CHECKED -	REVISED -			1594	2019-043-T	COOK	10	2	
Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -			CONTRACT NO. 62J21					
	PLOT DATE = 5/22/2019					SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 80% FED 20% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0044				
25200110	SODDING, SALT TOLERANT	SO YD	48	48				
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	12.5	12.5				
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	3	3				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	28	28				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2				
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	10	10				
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10	10				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 80% FED 20% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0044				
X1200048	DRAINAGE STRUCTURE LINING	FOOT	337	337				
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	290	290				
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	55	55				
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	102.8	102.8				
* 100% STATE								

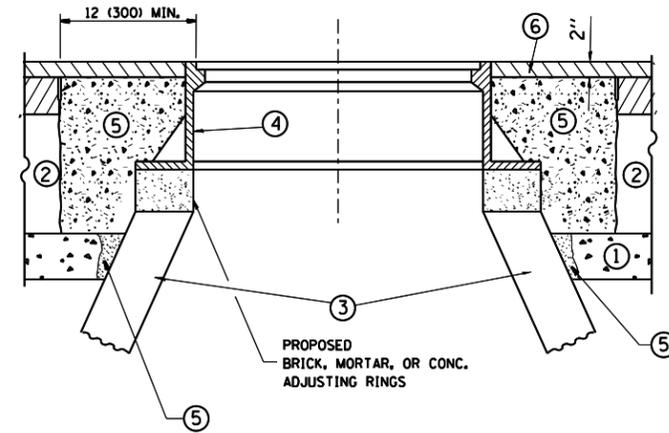
FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VERMONT ST. (WESTERN AVE TO ASHLAND AVENUE) SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\planroom\dtd\illinois\gov\PIW\DOT\Documents\VDOT	Offices\District\Projects\DI20517\CADData\Design\DI20517	DRAWN -	REVISED -			1594	2019-043-T	COOK	10	3	
	PLOT SCALE = 100,0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 62J21					
	PLOT DATE = 5/22/2019	DATE -	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

SCHEDULE

NO.	LOCATION	CATCH BASINS TO BE ADJUSTED	CATCH BASINS TO BE RECONSTRUCTION	DRAIN STRUCTURES TO BE CLEANED	DRAIN STRUCTURES LINING	COMB. CC&G REMOVAL AND REPLACEMENT				COMMENTS
		EACH	EACH	EACH	LF	LF				
1	2409 VERMONT ST.	1	0	1	7	10				
2	2357 VERMONT ST.	1	0	1	7	10				VOID UNDER FRAME
3	2347 VERMONT ST.	1	0	1	9	10				IN FRONT OF BUS STOP VOID UNDER FRAME
4	2345 VERMONT ST.	0	0	1	0	0				UNDER BRIDGE
5	XXXXXXXXXXXX	-	-	-	-	-				
6	2259 VERMONT ST.	0	0	1	0	0				
7	2227 VERMONT ST.	1	0	1	6	10				
8	2209 VERMONT ST.	1	0	1	5	10				
9	2151 VERMONT ST.	1	0	1	7	10				
10	2105 VERMONT ST.	1	0	1	6	10				
11	2001 VERMONT ST.	1	0	1	7	10				
12	2051 VERMONT ST.	0	1	1	0	10				STRUCTURE COLLAPSED
13	2027 VERMONT ST.	0	0	1	0	0				
14	2015 VERMONT ST.	0	0	1	6	0				
15	1965 VERMONT ST.	1	0	1	9	10				
16	1949 VERMONT ST.	0	0	1	9	0				
17	1929 VERMONT ST.	0	0	1	9	0				
18	1911 VERMONT ST.	0	0	1	9	0				
19	1851 VERMONT ST.	0	0	1	9	0				
20	1821 VERMONT ST.	0	0	1	5	0				
21	1801 VERMONT ST.	1	0	1	5	10				VERMONT ST. & WOOD VOID UNDER FRAME
22	1747 VERMONT ST.	1	0	1	5	10				VOID UNDER FRAME
23	1729 VERMONT ST.	0	0	1	5	0				
24	1705 VERMONT ST.	1	0	1	5	10				VOID UNDER FRAME
25	1701 VERMONT ST.	1	0	1	5	10				
26	VERMONT ST. & MASHFIELD BY I-57	0	0	1	5	0				SOUTHSIDE OF STREET (EB) VOID UNDER FRAME
27	VERMONT ST. & MASHFIELD	0	0	1	10	0				ACROSS FROM WALGREEN (EB)
28	VERMONT ST. & ASHLAND (EB)	0	0	1	6	0				
29	VERMONT ST. & MARSHFIELD (WB)	1	0	1	7	10				
30	VERMONT ST. & PAULINA (WB)	1	0	1	6	10				VOID UNDER FRAME
SUB-TOTAL		15	0	29	169	160				

SCHEDULE

NO.	LOCATION	CATCH BASINS TO BE ADJUSTED	CATCH BASINS TO BE RECONSTRUCTION	DRAIN STRUCTURES TO BE CLEANED	DRAIN STRUCTURES LINING	COMB. CC&G REMOVAL AND REPLACEMENT				
		EACH	EACH	EACH	EACH	EACH				
31	1706 VERMONT ST.	0	0	1	6	0				WESTBOUND PARK ENTRANCE
32	1728 VERMONT ST.	0	0	1	9	0				
33	1748 VERMONT ST.	0	0	1	6	0				
34	VERMONT ST. & WOOD (WB)	1	0	1	6	10				
35	1800 VERMONT ST.	1	0	1	9	10				
36	1822 VERMONT ST.	1	0	1	3	10				
37	1850 VERMONT ST.	0	0	1	4	0				
38	1908 VERMONT ST.	1	0	1	6	10				
39	1932 VERMONT ST. (WB)	1	0	1	6	10				
40	1946 VERMONT ST. (WB)	1	0	1	6	10				
41	1964 VERMONT ST. (WB)	1	0	1	6	10				VOID UNDER FRAME
42	2014 VERMONT ST. (WB)	1	0	1	7	10				VOID UNDER FRAME
43	2016 VERMONT ST. (WB)	1	0	1	7	10				VOID UNDER FRAME
44	2028 VERMONT ST. (WB)	1	0	1	6	10				VOID UNDER FRAME
45	2036 VERMONT ST. (WB)	0	0	1	3	0				
46	2050 VERMONT ST. (WB)	0	0	1	4	0				VOID UNDER FRAME
47	2100 VERMONT ST. (WB)	0	0	1	6	0				
48	2106 VERMONT ST. (WB)	0	0	1	7	0				
49	2146 VERMONT ST. (WB)	0	0	1	9	0				
50	2148 VERMONT ST. (WB)	0	1	1	6	0				STRUCTURE COLLAPSED
51	2238 VERMONT ST. (WB)	0	0	1	6	0				
52	2240 VERMONT ST. (WB)	0	0	1	7	0				BETWEEN TRACKS
53	2300 VERMONT ST. (WB)	1	0	1	6	10				VOID UNDER FRAME
54	2308 VERMONT ST. (WB)	1	0	1	9	10				VOID UNDER FRAME
55	2310 VERMONT ST. (WB)	0	0	1	9	0				
56	2410 VERMONT ST. (WB)	1	0	1	9	10				VOID UNDER FRAME
SUB-TOTAL		13	0	26	168	130				
TOTAL =		28	0	55	337	290				



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

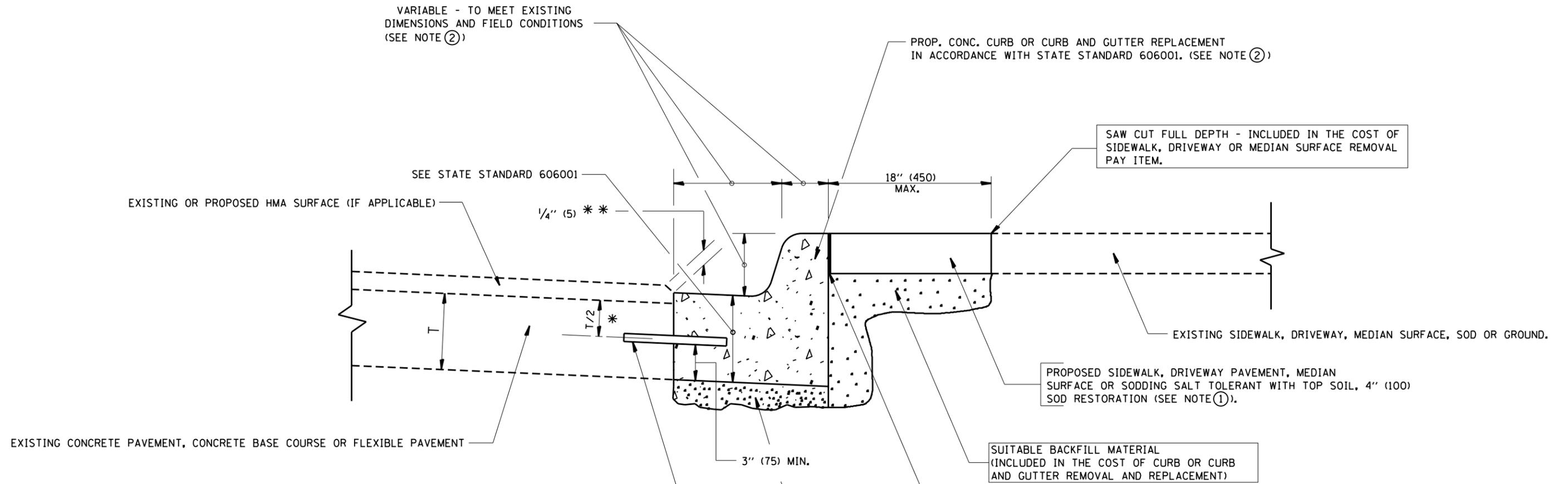
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PLOT SCALE = 100.0000' / 1in.	DATE - 10-25-94	REVISED - R. BORO 03-09-11	REVISED - R. BORO 12-06-11
PLOT DATE = 5/21/2019			

**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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1594	2019-043-T	COOK	10	6
CONTRACT NO. 62J21				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- * 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.

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.

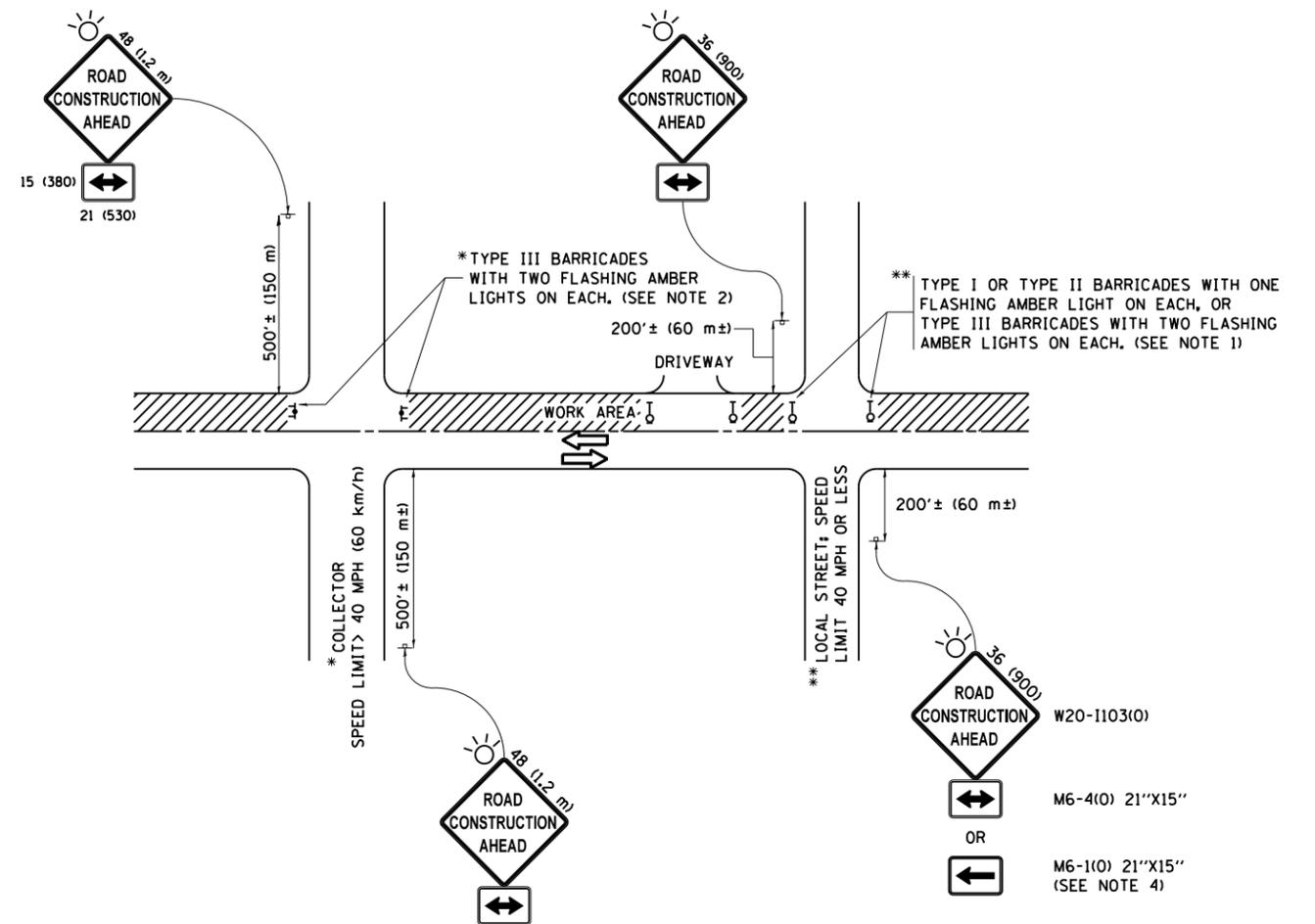
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE 3).

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".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = abebawa	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.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\0120517\DRAWING\Design\Diststd.dgn			REVISED - A. ABBAS 03-21-97			3509	2019-043-T	COOK	10	7
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 01-22-01				BD600-06 (BD-24)		CONTRACT NO. 62J21		
PLOT DATE = 5/21/2019	DATE - 03-11-94	REVISED - R. BORO 12-15-09				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 = abebawa	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 5/21/2019	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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1594	2019-043-T	COOK	10	8
TC-10			CONTRACT NO. 62J21	
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

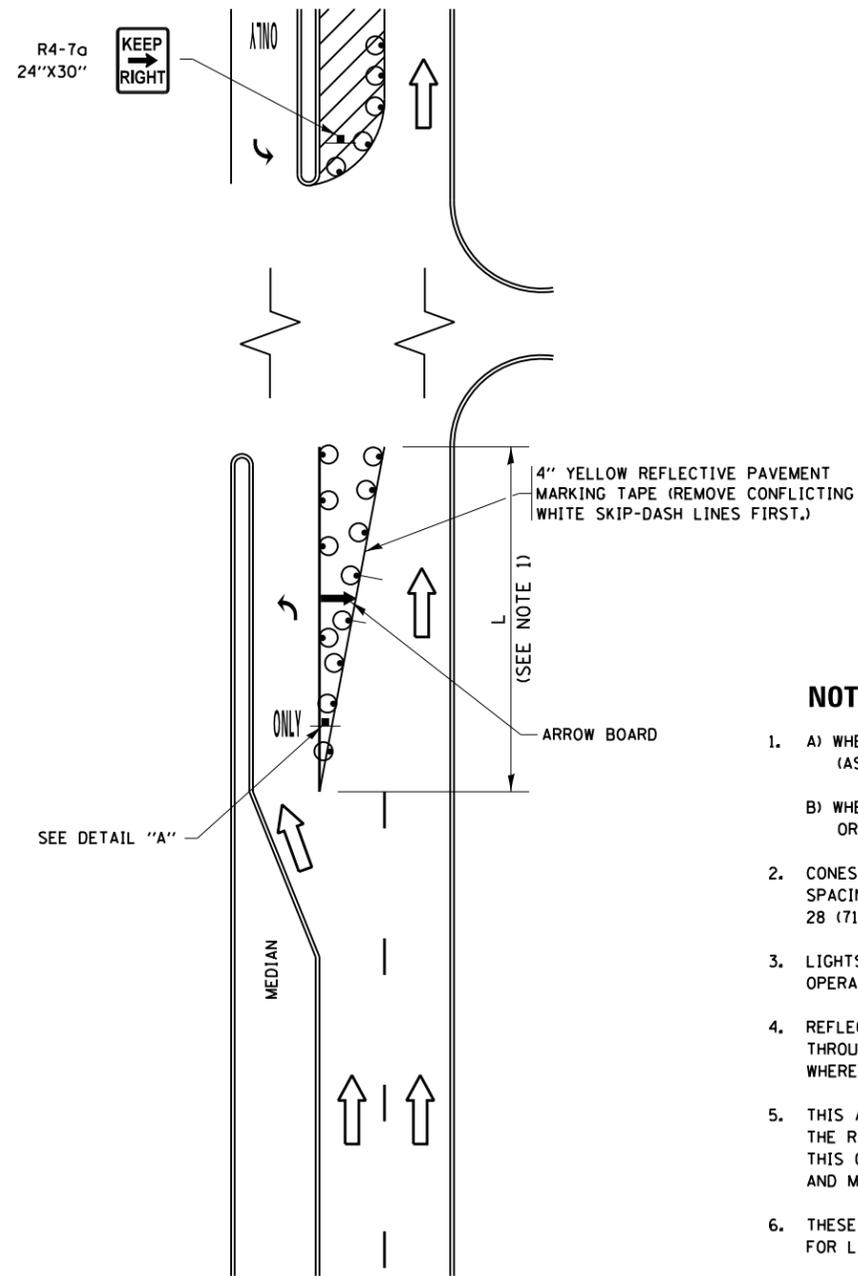


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

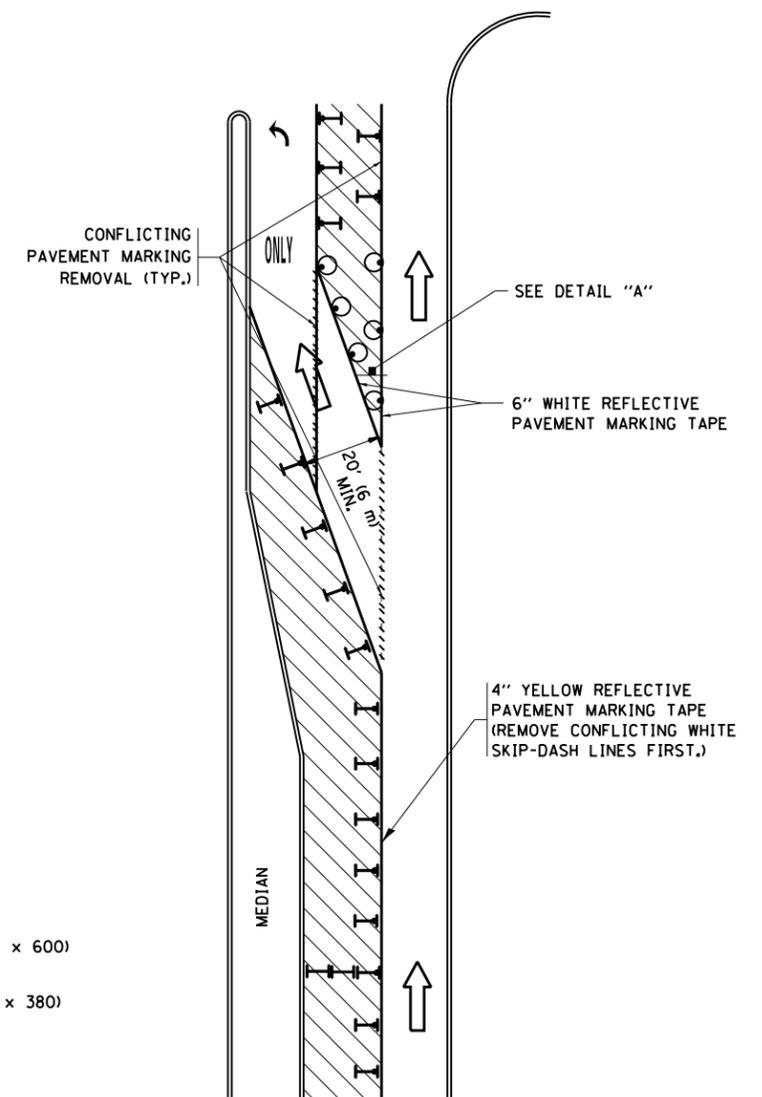
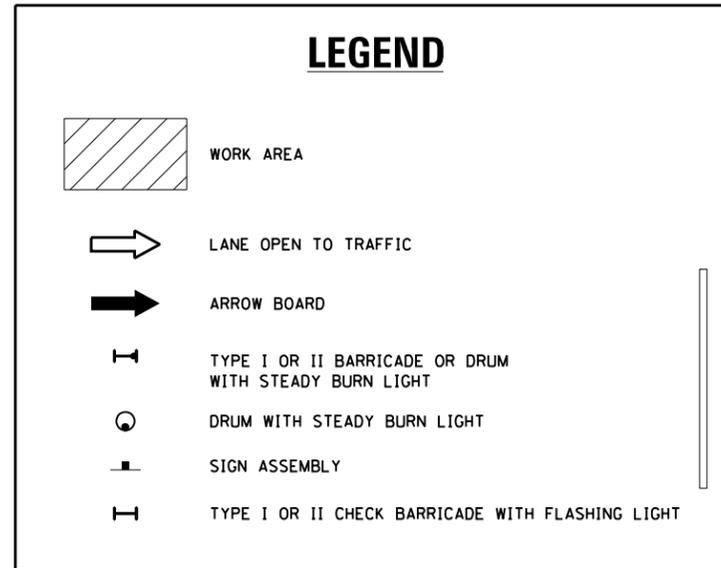
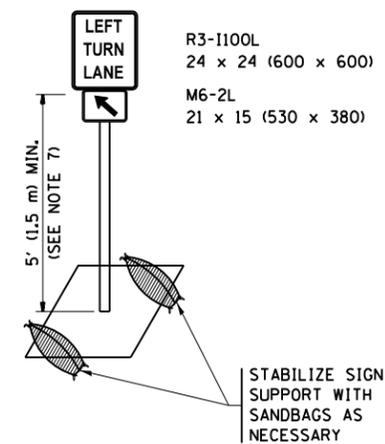


FIGURE 2



NOTES:

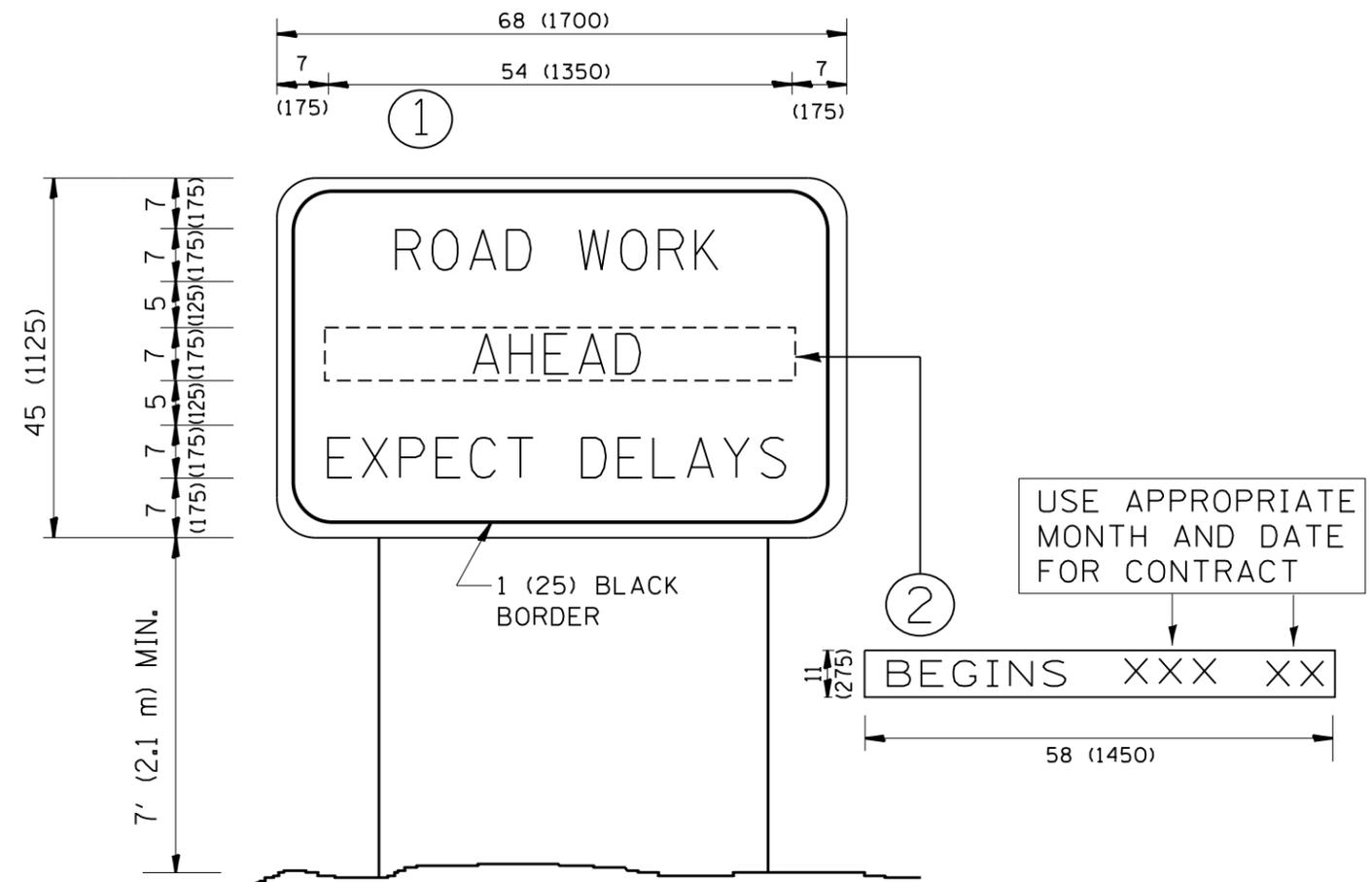
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. 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 = abebawa	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.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\0120517	REVISED Design\A1-HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	1594			2019-043-T	COOK	10	9		
Default	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			TC-14	CONTRACT NO. 62J21	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 5/21/2019	REVISED - T. RAMMACHER 01-06-00	REVISED -			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 = abebawa	DESIGNED -	REVISED - R. MIRS 09-15-97
pw:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\0120517\	DRAWN = Diststd.dgn	CHECKED -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 100.0000' / 1in.	DATE -	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 5/21/2019	DATE -	CHECKED -	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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1594	2019-043-T	COOK	10	10
TC-22		CONTRACT NO. 62F06		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				