F.A.U. SECTION COUNTY TOTAL SHEE SHEETS NO. 3513 2014-058-RS COOK 30 1

DEPARTMENT OF TRANSPORTATION

STATE OF ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

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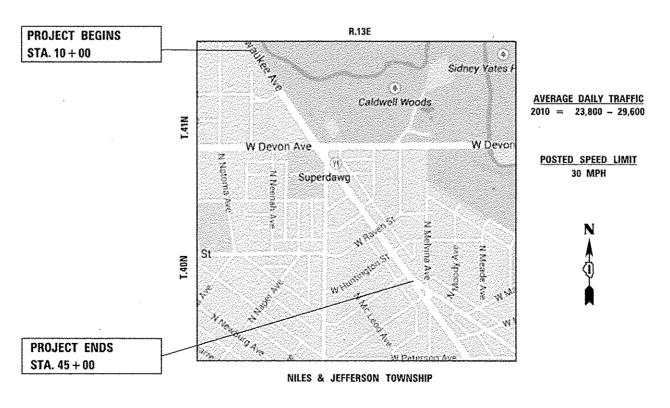
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PROJECT IS LOCATED IN THE CITY OF CHICAGO

PROPOSED HIGHWAY PLANS

F.A.U. 3513 MILWAUKEE AVE.
ALBION AVE. TO ELSTON AVE.
SECTION 2014–058–RS
PROJECT ACNHPP-3513(002)
RESURFACING (3P) AND ADA

COOK COUNTY C-91-034-15



GROSS LENGTH AND NET LENGTH = 3500 FT. (0.663 MILES)

CONTRACT NO. 60Y90

CHICAGO UTILITY ALERT NETWORK

312-744-7000

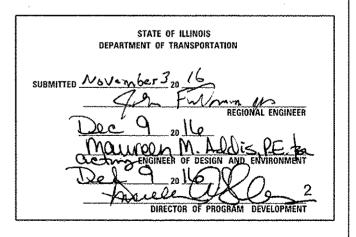
DIGGER

ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

PROJECT ENGINEER JENPAI CHANG 847-705-4432
PROJECT MANAGER FAWAD AQUEEL 847-705-4247

D-91-034-15





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

STANDARDS

	INDEX OF SHEETS	STD. NO.	DESCRIPTION
		000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
<u>sheet no.</u>	DESCRIPTION	424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
1	COVER SHEET	424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
2	INDEX OF SHEETS, LIST OF STATE STANDARDS, AND PLAN NOTES	424011-03	CORNER CURB RAMPS FOR SIDEWALKS
3, 3A, 4	SUMMARY OF QUANTITIES	424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
5~6	EXISTING AND PROPOSED TYPICAL SECTIONS	442201-03	CLASS C & D PATCHES
7-8	EXISTING AND PROPOSED ROADWAY AND PAVEMENT MARKING PLANS	606001-06	COMBINATION CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
9-16	ADA RAMP DETAILS	701101-05	OFF-RD OPERATIONS, MULTILANE 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
17	DETAILS FOR FRAMES & LIDS ADJUSTMENT WITH MILLING (BD-8)	701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH
18	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701602-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH
19	CURB OR CURB & GUTTER REMOVAL & REPLACEMENT (BD-24)		BIDIRECTIONAL LEFT TURN LANE
20	BUTT JOINT AND HMA TAPER DETAIL (BD-32)	701606-10	URBAN LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
21	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
22	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m) (BD-01)	701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
		701901-06	TRAFFIC CONTROL DEVICES
23	DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m) (BD-02)	728001-01	TELESCOPING STEEL SIGN SUPPORT
24-26	TYPICAL PAVEMENT MARKING (CITY OF CHICAGO) - TC-24	731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
27	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	814001-03	HANDHOLES
28	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)		
29	ARTERIAL ROAD INFORMATION SIGN (TC-22)		

PLAN NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "DIGGER" AT (312) 744-7000 FOR FJELD LOCATIONS IN CHICAGO OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION

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.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE CITY OF CHICAGO.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL CONTACT CORY JUCIUS, ARTERIAL TRAFFIC FIELD ENGINEER AT (847)-705-4411 A MINIMUM OF TWO WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS,

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF CONSTRUCTION.

THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT,

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SALL BE REPLACED AS DIRECTED BY THE ENGINEER, REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS-RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL

WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BEIWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 mm) WHERE THE SPEED LIMIT IS 40 MPH (80 Km/h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 Km/h), WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

THE DEPARTMENT WILL NOT REINSTALL OR REIMBURSE ANY DAMAGE CAUSED BY THIS CONTRACT WHICH INVOLVES WITH THE EQUIPMENT OR/AND APPARATUS OF THE RED LIGHT CAMERA OWNED BY THE CITY

THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN/STATED, AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTRIBUTED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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					and the second s					44201789	CLASS D PATCH	ES. TYPE II. 12 INCH	SO YD	393	393					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	43	43																
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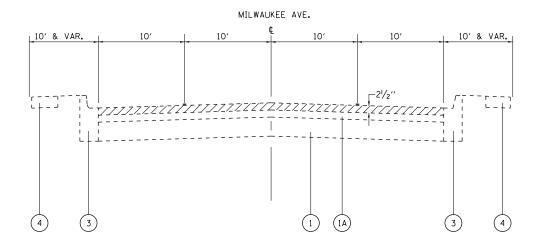
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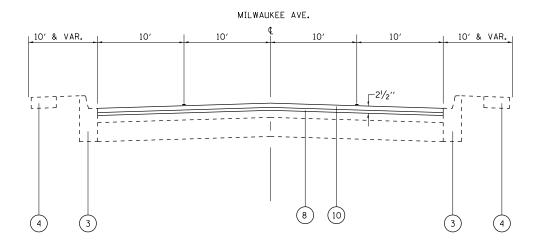
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EXISTING TYPICAL CROSS SECTION MILWAUKEE AVENUE (ALBION AVENUE TO TO IMLAY AVENUE)

STA. 10+00 TO STA. 17+38



PROPOSED TYPICAL CROSS SECTION MILWAUKEE AVENUE (ALBION AVENUE TO TO IMLAY AVENUE)

STA. 10+00 TO STA. 17+38

NOTE: THE CONTRACTOR SHALL MILL FIRST

HOT MIX ASPHALT MIXTURE	REQUIREMENTS	
MIXTURE USES	DESIGN AIR VOIDS	QMP
RESURFACING: POLYMERIZED HMA SURFACE COURSE, MIX "E", N 70, (IL-9.5mm), 1 3/4 "	4% @ 70 GYR	QCP
POLYMERIZED LEVELING BINDER (MM), IL-4.75mm, N50, 3/4"	3.5% @ 50 GYR.	QCP
PARKING AND BIKE LANES: HMA SURFACE COURSE MIX "D", N70, (IL-9.5mm), 11/2"	4% @ 70 GYR.	QC/QA
PATCHING: CLASS "D" PATCHES, 12" (HMA BINDER IL-19mm)	4% @ 70 GYR	QC/QA

QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA)
QUALITY CONTROL FOR PERFORMANCE (QCP)

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANT. IS 112 LBS/SQ YD/IN.

AC TYPE NOTE:

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 DISTRICT ONE SPECIAL PROVISION.

QMP NOTE:

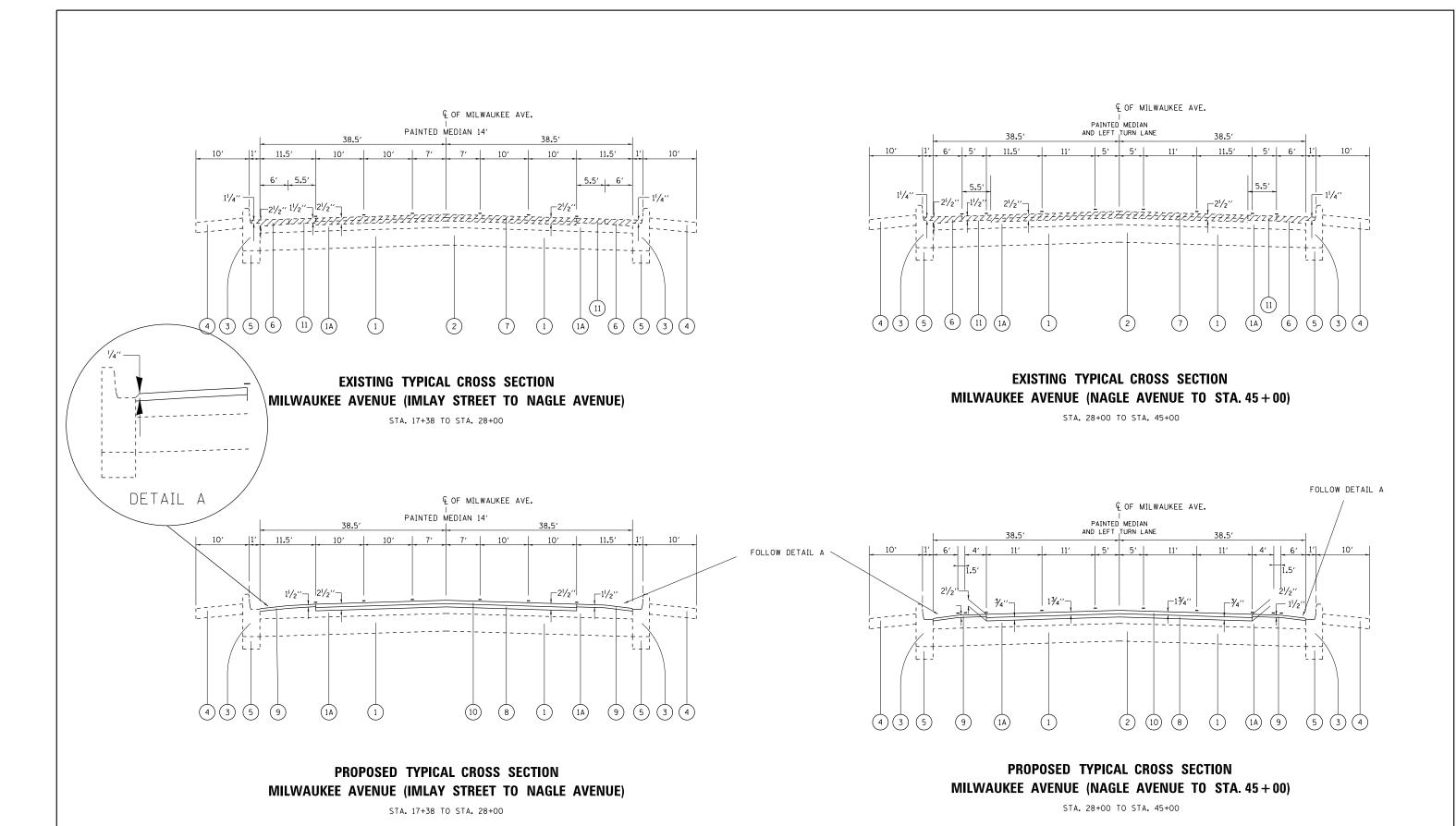
"OUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE"

LEGEND

- 1) EXISTING P.C.C. PAVEMENT, 8"±
- (1A) EXISTING HMA SURFACE REMAIN AFTER MILLING, 4" TO 6"±
- 2) EXISTING BRICK PAVEMENT, 8"±
- (3) EXISTING COMBINATION CONC. CURB AND GUTTER B-6.12
- (4) EXISTING P.C.C. SIDEWALK, 5"
- 5 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE "B", 4"
- 6 PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH (11/2" TO 21/2")*
- 7) PROPOSED HMA SURFACE REMOVAL, 21/2"
- 8) PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- 9 PROPOSED HMA SURFACE COURSE, MIX "D", N 70, $(1\frac{1}{2})$ "
- (10) PROPOSED POLYMERIZED HMA SURFACE, MIX "E", N 70, 1 3/4 "
- (11) PROPOSED HMA SURFACE REMOVAL, 11/2"

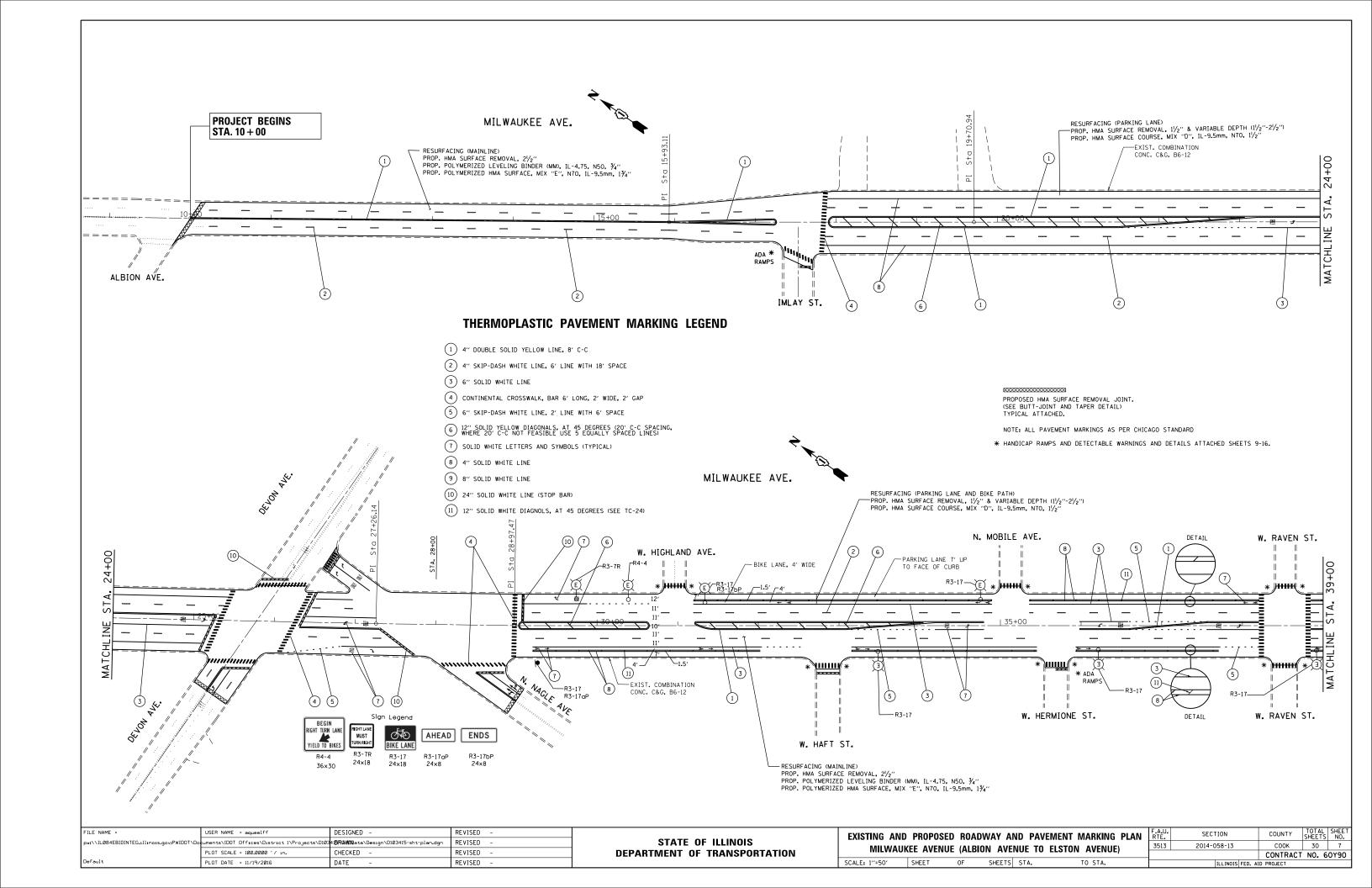
*REMOVAL OF HMA OVER GUTTER FLAG INCLUDED IN HMA SURFACE REMOVAL, VARIABLE DEPTH

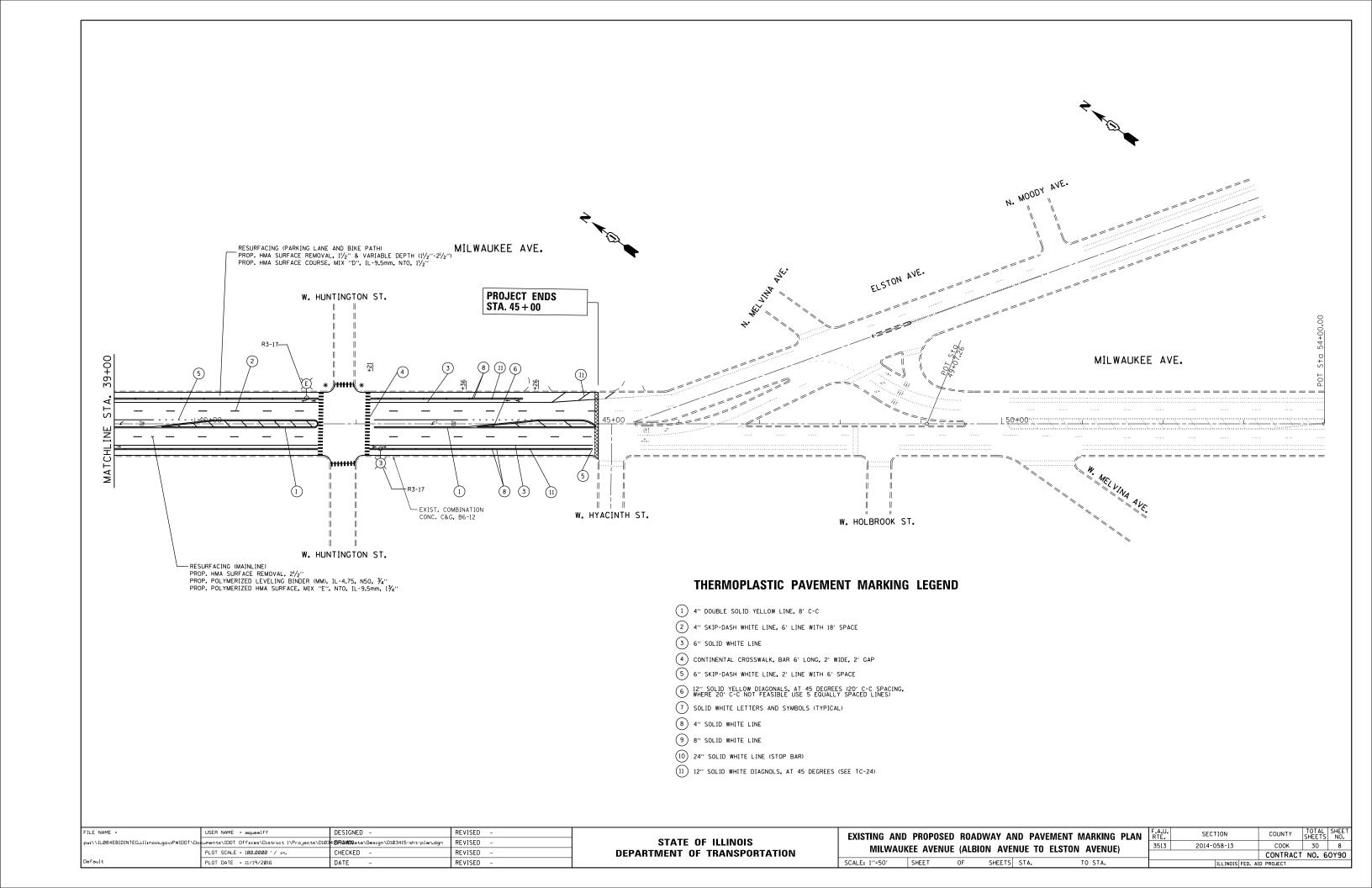
FILE NAME =	USER NAME = aqueelff	DESIGNED -	REVISED -		MIIW	/AUKEE AVEN	MIIF (ALRI	ON AVE	NUE TO E	LSTON AVENUE)	F.A.U.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
pw:\\IL084EBIDINTEG.:111:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D103	4 BROWN)ata\Design\D103415-sht-typical.dgr	REVISED -	STATE OF ILLINOIS		MOREE AVE		ICAL SEC		LOTOIT AVEILUE,	3513	2014-058-RS	соок	30 5
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			ITP	ICAL SEC	, I IUN 5				CONTRAC	T NO. 60Y90
Default	PLOT DATE = 11/3/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT	

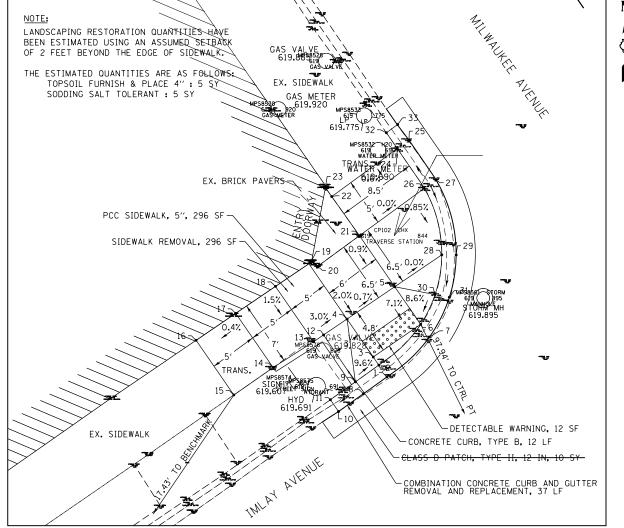


* SEE PLANS FOR SHOULDER RESURFACING STATION 18+00 TO STATION 25+50

FILE NAME = DESIGNED -REVISED USER NAME = aqueelff SECTION MILWAUKEE AVENUE (ALBION AVENUE TO ELSTON AVENUE) STATE OF ILLINOIS ow:\\ILØ84EBIDINTEG.ıllıno ments\IDOT Offices\District 1\Projects\D103**4|BRAWIN**ata\Design\D103415-sht-typical.d REVISED 2014-058-RS соок 3513 30 6 TYPICAL SECTIONS PLOT SCALE = 100.0000 '/ in. CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 60Y90 SCALE: SHEET OF SHEETS STA. TO STA. PLOT DATE = 11/1/2016 DATE REVISED







CONTROL POINTS:
BENCHMARK CUT CROSS
TOP OF CURB ELEV: 619.65

OS: 69.13' RT N: 1942751.925 E: 1131981.988

ELEV: 619.72 STA: 18+30.12 OS: 46.88' RT STA: 17+34.54 N: 1942685.881 E: 1132054.576

ELEV: 619.65

WEST CORNER MILWAUKEE AVENUE AND IMLAY AVENUE

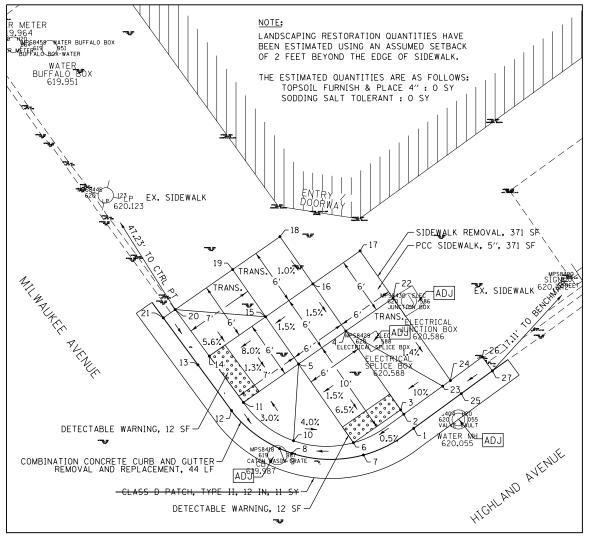
1 2 3 4 5 6 7 8 8	STATION 17+35.73 17+34.23 17+33.21 17+28.40 17+28.45 17+33.21 17+34.81 17+35.78 17+34.28	OFFSET 38.69' RT 38.69' RT 38.69' RT 38.69' RT 32.69' RT 32.69' RT 41.70' RT	ELEV. 619.54 619.53 619.54 619.92 619.91 619.57 619.58
2 3 4 5 6 7 8 8 1	17+34.23 17+33.21 17+28.40 17+28.45 17+33.21 17+34.81 17+35.78	38.69' RT 38.69' RT 38.69' RT 32.69' RT 32.69' RT 32.69' RT	619.53 619.54 619.92 619.91 619.57 619.58
3 4 5 5 6 7 8 8 5 6	17+33.21 17+28.40 17+28.45 17+33.21 17+34.81 17+35.78	38.69' RT 38.69' RT 32.69' RT 32.69' RT 32.69' RT	619.54 619.92 619.91 619.57 619.58
4 5 6 7 8 ::	17+28.40 17+28.45 17+33.21 17+34.81 17+35.78	38.69' RT 32.69' RT 32.69' RT 32.69' RT	619.92 619.91 619.57 619.58
5 6 7 8	17+28.45 17+33.21 17+34.81 17+35.78	32.69' RT 32.69' RT 32.69' RT	619.91 619.57 619.58
6 7 8	17+33.21 17+34.81 17+35.78	32.69' RT 32.69' RT	619 . 57 619 . 58
7 8	17+34.81 17+35.78	32.69' RT	619.58
8	17+35.78		
		41.70' RT	CIOEC
9	17_3/1 20		619.56
	11734.20	41.69' RT	619.83
10	17+35.83	44.89' RT	MATCH EX.
11	17+34.33	44.89' RT	MATCH EX.
12	17+28.38	41.64' RT	620.01
13	17+28.37	42.89' RT	620.05
14	17+28.19	47.89' RT	620.04
15	17+28.21	52.89' RT	MATCH EX.
16	17+21.29	52.89′ RT	MATCH EX.
17	17+21.33	47.89' RT	620.14
18	17+21.37	42.89' RT	620.16
19	17+21.40	38.30' RT	620.18
20	17+22.13	38.09' RT	620.05
21	17+21.98	32.69' RT	619.97
22	17+16.98	32.75′ RT	619.94
23	17+15.96	32.77' RT	MATCH EX.
24	17+16.75	24.29' RT	619.94
25	17+16.71	22.79' RT	619.67
26	17+21.75	24.33′ RT	619.92
27	17+21.71	22.82′ RT	619.70
28	17+28.49	26.76′ RT	619.91
29	17+29.36	25.54′ RT′	619.64
30	17+31.51	29.69' RT	619.88
31	17+32.59	28.63' RT	619.61
32	17+14.75	24.29' RT	MATCH EX.
33	17+14.71	22.87' RT	MATCH EX.

Bollinger, Lach & Associates, Inc.

1	USER NAME = aqueelff	DESIGNED	-		REVISED	=
I		DRAWN	-		REVISED	-
I	PLOT SCALE = 100.0000 ' / in.	CHECKED	-	MTC	REVISED	-
	PLOT DATE = 11/1/2016	DATE	-	09/05/2016	REVISED	-

STATI	E 01	F ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

						F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE 1	
						3513	2014-058-RS	COOK	30	9	
								CONTRACT	NO. 6	0Y90	
	SCALE: 1" = 5"	SHEET 1	0F 8	SHEETS	STA.	TO STA.		ILLINOIS FED. A	D PROJECT		



CONTROL POINTS:
CUT CROSS BENCHMARK
ELEV: 619.88 TOP OF CURB
STA: 30+14.79 ELEV: 620.42
OS: 43.85' LT STA: 30+84.98
N: 1941765.551 OS: 81.67' LT
E: 1132804.975 N: 1941730.835

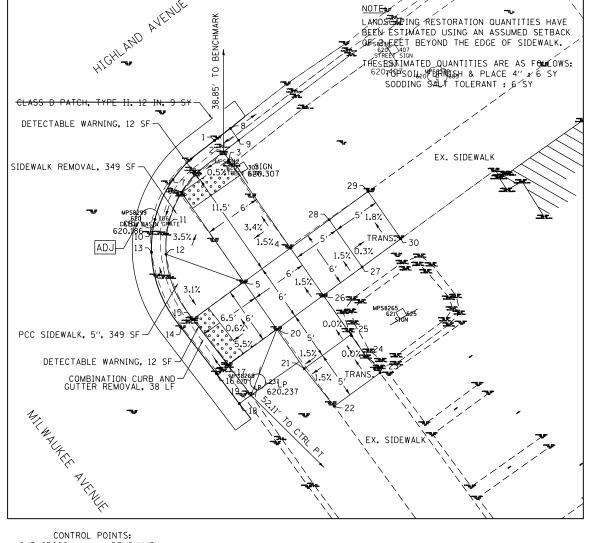
NORTH CORNER MILWAUKEE AVENUE AND HIGHLAND AVENUE

E: 1132876.745

ADA RAMP ELEVATION TABLE								
POINT No.:	STATION	OFFSET	ELEV.					
1	30+86.56	54.45′ LT	619.85					
2	30+84.77	54.48′ LT	619.84					
3	30+84.21	54.49′ LT	619.84					
4	30+74.21	54.67′ LT	620.49					
5	30+74.10	48.67′ LT	620.40					
6	30+84.10	48.50′ LT	619.81					
7	30+85.70	48.47′ LT	619.82					
8	30+81.31	42.71′ LT	619.78					
9	30+80.14	41 . 94′ LT	619.76					
10	30+80.28	43.56′ LT	620.05					
11	30+73.98	41.67' LT	620.13					
12	30+73.95	40.17' LT	619.86					
13	30+67.95	40.12' LT	619.94					
14	30+67.98	41.62' LT	620.21					

NORTH CORNER MILWAUKEE AVENUE AND HIGHLAND AVENUE

ADA RAMP ELEVATION TABLE								
POINT No.:	STATION	OFFSET	ELEV.					
15	30+68.10	48.77′ LT	620.49					
16	30+68.21	54.77′ LT	620.58					
17	30+68.31	60.77' LT	MATCH EX.					
18	30+62.21	54.88′ LT	MATCH EX.					
19	30+62.10	48.88′ LT	MATCH EX.					
20	30+61.98	413 . 57′ LT	MATCH EX.					
21	30+61.95	40.07′ LT	MATCH EX.					
22	30+74.31	60.67' LT	MATCH EX.					
23	30+84.77	59.49′ LT	620.44					
24	30+84.78	60.49′ LT	MATCH EX.					
25	30+86.54	60.45′ LT	619.88					
26	30+84.73	64.61' LT	MATCH EX.					
27	30+86.52	64.62′ LT	MATCH EX.					



CUT CROSS BENCHMARK
ELEV: 620.77 TOP OF CURB
STA: 31+86.13 ELEV: 620.42
OS: 48.39' LT STA: 30+84.98
N: 1941629.373 OS: 81.67' LT
E: 1132909.051 N: 1941730.8350
E: 1132876.7450

SOUTH CORNER
MILWAUKEE AVENUE AND HIGHLAND AVENUE

ADA RAMP ELEVATION TABLE									
POINT No.:	STATION	OFFSET	ELEV.						
1	31+10.76	54.03′ LT	620.17						
2	31+12.26	51.01' LT	620.16						
3	31+13.25	53 . 99′ LT	620.17						
4	31+24.48	53.79′ LT	620.56						
5	31+24.50	47.79' LT	620.47						
6	31+13.15	47.99' LT	620.14						
7	31+11.53	48.02′ LT	620.15						
8	31+10.71	56.03′ LT	MATCH EX.						
9	31+12.21	56.01′ LT	MATCH EX.						
10	31+13.84	44.03′ LT	620.10						
11	31+15.00	44.98′ LT	620.37						
12	31+17.40	42.91′ LT	620.39						
13	31+16.71	41.57′ LT	620.12						
14	31+24.54	39.71′ LT	620.18						
15	31+24.54	41.21′ LT	620.45						

SOUTH CORNER
MILWAUKEE AVENUE AND HIGHLAND AVENUE

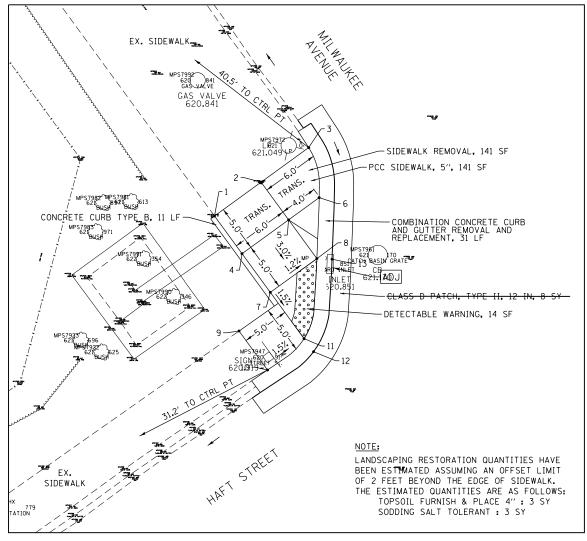
ADA RAMP ELEVATION TABLE								
POINT No.:	STATION	OFFSET	ELEV.					
16	31+30.54	39.88′ LT	620.22					
17	31+30.53	41.38' LT	620.49					
18	31+34.49	39.98′ LT	MATCH EX.					
19	31+34.48	41.48' LT	MATCH EX.					
20	31+30.51	47.69′ LT	620.56					
21	31+35.51	47 . 60′ LT	620.56					
22	31+40.50	47.84′ LT	MATCH EX.					
23	31+40.48	53.75′ LT	MATCH EX.					
24	31+38.26	53 . 55′ LT	620.65					
25	31+35.48	53 . 60′ LT	620.65					
26	31+30.48	53 . 69′ LT	620.65					
27	31+30.45	58.69′ LT	620.64					
28	31+24.45	58.79′ LT	620.54					
29	31+24.43	63.79′ LT	MATCH EX.					
30	31+30.43	63 . 69′ LT	MATCH EX.					



	USER NAME = aqueelff	DESIGNED -	-		REVISED	-
		DRAWN -	-		REVISED	
-	PLOT SCALE = 100.0000 ' / in.	CHECKED -	-	MTC	REVISED	
	PLOT DATE = 11/1/2016	DATE -	-	09/05/2016	REVISED	1

							F.A.U. RTE.				
ı							3513				
ı	ADA NAIVIF DETAILS										
	SCALE: 1	1'' = 5'	SHEET	2	OF	8	SHEETS	STA.	TO STA.		

	TILINOIS EED AT	ID PROJECT		
		CONTRACT	NO. 6	0Y90
3513	2014-058-RS	соок	30	10
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.

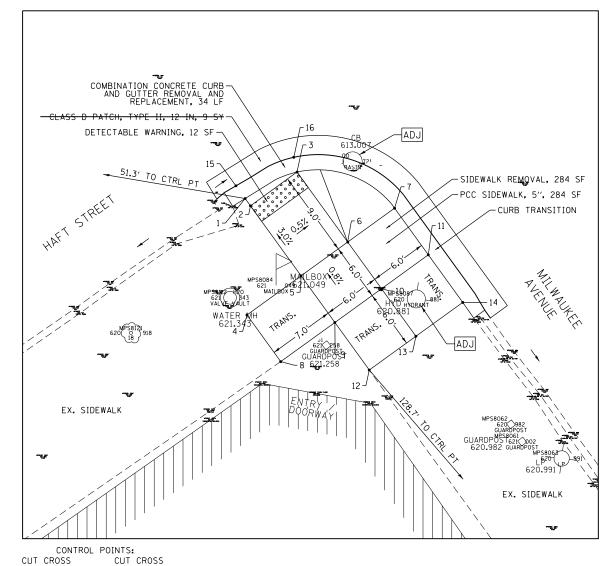


CONTROL POINTS:
CUT CROSS CUT CROSS
ELEV: 620.78 ELEV: 620.97

ELEV: 620.78 ELEV: 620.97 STA: 32+68.93 STA: 32+18.53 OS: 86.28' RT OS: 49.86' RT N: 1941483.366 N: 1941545.544 E: 1132848.450 E: 1132848.425

WEST CORNER
MILWAUKEE AVENUE AND HAFT STREET

ADA RAMP ELEVATION TABLE								
POINT No.:	STATION	OFFSET	ELEV.					
1	32+57.34	50.48' RT	MATCH EX.					
2	32+57.32	44.48′ RT	MATCH EX.					
3	32+57.31	38.34' RT	MATCH EX.					
4	32+62.20	50.46′ RT	621.12					
5	32+62.19	44.46′ RT	621.05					
6	32+62.18	40.52' RT	621.04					
7	32+67.20	50.43′ RT	620.97					
8	32+67.19	44.43′ RT	620.90					
9	32+68.55	55.43′ RT	MATCH EX.					
10	32+73.58	55.40′ RT	MATCH EX.					
11	32+73.17	50.41' RT	620.88					
12	32+74.84	50.40' RT	620.89					
13	32+68.16	43.19' RT	620.91					



CUT CROSS ELEV: 620.78 ELEV: 621.27 STA: 32+68.93 STA: 34+55.87 OS: 86.28' RT OS: 39.48' RT N: 1941483.366 N: 1941359.305 E: 1132848.450 E: 1132995.922

SOUTH CORNER
MILWAUKEE AVENUE AND HAFT STREET

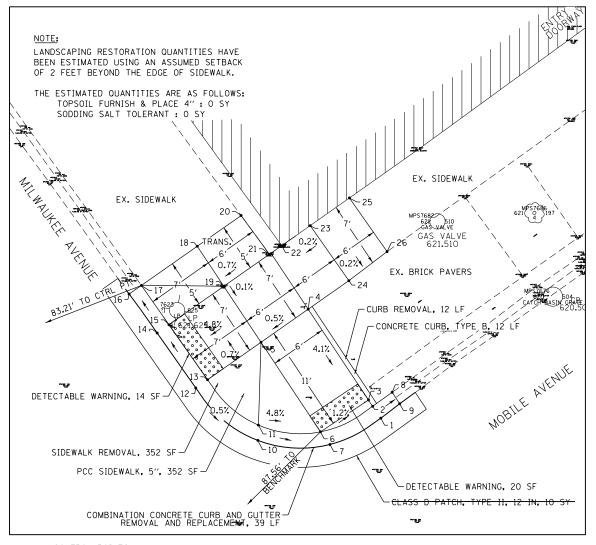
ADA RAMP ELEVATION TABLE									
POINT No.:	STATION	OFFSET	ELEV.						
1	33+05.55	50.35′ RT	620.85						
2	33+06.49	50.35′ RT	620.86						
3	33+06.48	44.35′ RT	620.83						
4	33+15.49	57.31′ RT	MATCH EX.						
5	33+15.49	50.35' RT	621.16						
6	33+15.49	44.35' RT	621.13						
7	33+15.49	38.33' RT	621.17						
8	33+21.49	57.31' RT	MATCH EX.						
9	33+21.49	50.35' RT	MATCH EX.						
10	33+21.49	44.35′ RT	621.18						
11	33+21.49	38.32′ RT	621.22						
12	33+27.61	50.34' RT	MATCH EX.						
13	33+27.61	44.34' RT	MATCH EX.						
14	33+27.60	38.32' RT	MATCH EX.						
15	33+03.91	50.35' RT	620.86						
16	33+05.03	43.73′ RT	620.84						



USER NAME = aqueelff	DESIGNED -		REVISED -
	DRAWN -		REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	MTC	REVISED -
PLOT DATE = 11/1/2016	DATE -	09/05/2016	REVISED -



MILWAUK	(EE AVE	NUE (IM	LAY ST.	TO ELS	STON AVENUE)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	
		ADA R	AMP DE	PHAT	•	3513	2014-058-RS	соок	30	11
		מטא ווו						CONTRACT	NO. 6	0Y90
SCALE: 1" = 5' SH	HEET 3	OF 8	SHEETS	STA.	TO STA.		ILLINOIS FED. A	D PROJECT		



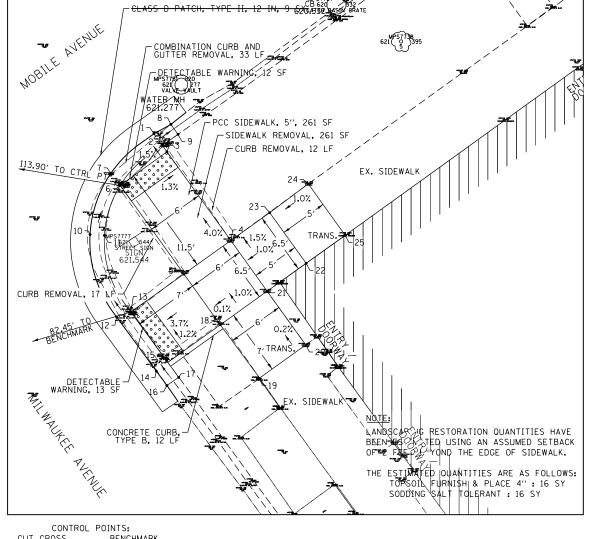
CONTROL POINTS:
CUT CROSS BENCHMARK
ELEV: 621.26 TOP OF CURB
STA: 34+55.88 ELEV: 621.32
OS: 39.56' RT STA: 35+17.48
N: 1941359.305 OS: 38.04' RT
E: 1132995.922 N: 1941310.227
E: 1133033.182

NORTH CORNER MILWAUKEE AVENUE AND MOBILE AVENUE

ADA RAMP ELEVATION TABLE					
POINT No.:	STATION	OFFSET	ELEV.		
1	35+01.38	53.43′ LT	621.20		
2	34+99.89	53 . 49′ LT	621.19		
3	34+99.10	53 . 52′ LT	621.20		
4	34+87.75	53.97′ LT	621.67		
5	34+87.66	47.97' LT	621.63		
6	34+98.86	47.52′ LT	621.27		
7	35+00.46	47.46′ LT	621.28		
8	34+99.90	55.99′ LT	MATCH EX.		
9	35+01.32	55.93′ LT	MATCH EX.		
10	34+95.76	41.72' LT	621.32		
11	34+94.50	42.69′ LT	621.59		
12	34+87.54	39.67′ LT	621.36		
13	34+87.56	41.17' LT	621.35		

NORTH CORNER MILWAUKEE AVENUE AND MOBILE AVENUE

ADA RAMP ELEVATION TABLE					
POINT No.:	STATION	OFFSET	ELEV.		
14	34+80.54	39.7′ LT	621.31		
15	34+80.56	41.27' LT	621.30		
16	34+75.54	39.78′ LT	MATCH EX.		
17	34+75.56	41.38' LT	MATCH EX.		
18	34+75.67	48.45′ LT	MATCH EX.		
19	34+80.66	48.25′ LT	621.64		
20	34+75.75	54.03′ LT	MATCH EX.		
21	34+80.75	54.05′ LT	621.67		
22	34+80.80	57.40′ LT	621.68		
23	34+80.82	59.25′ LT	621.69		
24	34+87.83	59 . 15′ LT	621.68		
25	34+80.90	64.25′ LT	MATCH EX.		
26	34+87.71	64 . 15′ LT	MATCH EX.		



CUT CROSS BENCHMARK
ELEV: 621.26 TOP OF CURB
STA: 34+55.88 ELEV: 621.32
OS: 39.56' RT STA: 35+17.48
N: 1941359.305 OS: 38.04' RT
E: 1132995.922 N: 1941310.227
E: 1133033.182

EAST CORNER MILWAUKEE AVENUE AND MOBILE AVENUE

ADA RAMP ELEVATION TABLE						
POINT No.:	STATION	OFFSET	ELEV.			
1	35+26.40	54.11′ LT	621.12			
2	35+27.90	54 . 10′ LT	621.11			
3	35+28.72	51 . 10′ LT	621.12			
4	35+40.11	54.07′ LT	621.56			
5	35+40.08	48.07′ LT	621.56			
6	35+28.70	48.10′ LT	621.20			
7	35+27.09	48.11′ LT	621.21			
8	35+26.64	56.11′ LT	MATCH EX.			
9	35+27.92	56.10′ LT	MATCH EX.			
10	35+29.54	43.95′ LT	621.24			
11	35+30.62	45.00′ LT	621.62			
12	35+40.04	39.77′ LT	621.32			
13	35+40.04	41.27′ LT	621.31			

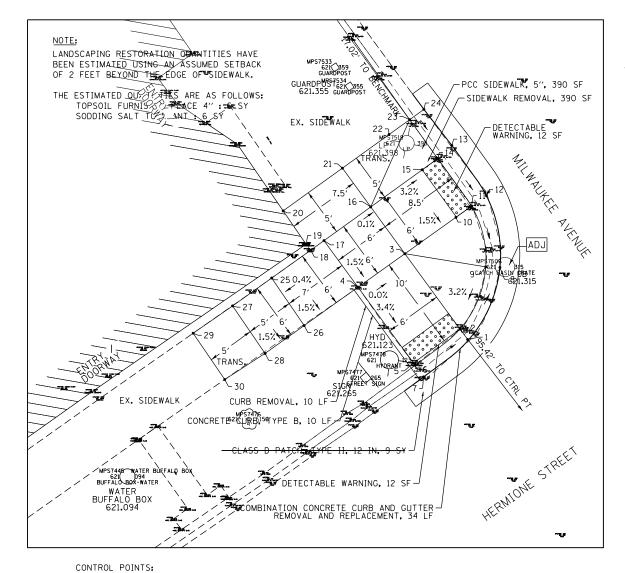
EAST CORNER
MILWAUKEE AVENUE AND MOBILE AVENUE

ADA RAMP ELEVATION TABLE						
POINT No.:	STATION	OFFSET	ELEV.			
14	35+46.54	39.81′ LT	621.40			
15	35+46.54	41.31′ LT	621.39			
16	35+48.45	39.82′ LT	MATCH EX.			
17	35+48.48	41.33′ LT	MATCH EX.			
18	35+46.58	48.05′ LT	621.62			
19	35+53.47	48.11′ LT	MATCH EX.			
20	35+53.50	54 . 03′ LT	MATCH EX.			
21	35+46.61	54 . 05′ LT	621.63			
22	35+46.63	59 . 05′ LT	621.65			
23	35+40.13	59 . 07′ LT	621.60			
24	35+40.06	64.07′ LT	MATCH EX.			
25	35+46.66	64.05′ LT	MATCH EX.			



USER NAME = aqueelff	DESIGNED -		REVISED	=
	DRAWN -		REVISED	=
PLOT SCALE = 100.0000 ' / in.	CHECKED -	MTC	REVISED	=
PLOT DATE = 11/1/2016	DATE -	09/05/2016	REVISED	-

_						
l	MILWAUKEE AVENUE (IMLAY ST. TO ELSTON AVENUE)	F.A.U. RTE.	SECTION	COUNTY	SHEETS	SHEET NO.
ı	ADA RAMP DETAILS	3513	2014-058-RS	соок	30	12
ļ				CONTRACT	NO. 6	0Y90
ı	SCALE: 1'' = 5' SHEET 4 OF 8 SHEETS STA. TO STA.		ILLINOIS FED. A	D PROJECT		



CUT CROSS BENCHMARK
ELEV: 621.51 TOP OF CURB
STA: 36+50.64 ELEV: 621.32
OS: 44.03' RT
N: 1941198.814 OS: 38.04' RT
E: 1133106.360 N: 1941310.227

E: 1133033.182

WEST CORNER
MILWAUKEE AVENUE AND HERMIONE STREET

ADA RAMP ELEVATION TABLE					
POINT No.:	STATION	OFFSET	ELEV.		
1	35+56.70	46.74′ RT	621.09		
2	35+55 . 25	46.75′ RT	621.08		
3	35+45.53	46.80′ RT	621.43		
4	35+45.49	52.80′ RT	621.43		
5	35+55.28	52.75′ RT	621.09		
6	35+55.57	52.75′ RT	621.09		
7	35+57.07	52.74′ RT	621.10		
8	35+52.62	39.73′ RT	621.04		
9	35+51.57	40.77′ RT	621.31		
10	35+45.57	40.22′ RT	621.21		
11	35+45.58	38.27′ RT	621.15		
12	35+45.60	36.37′ RT	621.16		
13	35+39.50	36.21' RT	621.25		
14	35+39.50	38.21' RT	621.24		
15	35+39.49	40.21' RT	621.30		

WEST CORNER MILWAUKEE AVENUE AND HERMIONE STREET

ADA RAMP ELEVATION TABLE					
POINT No.:	STATION	OFFSET	ELEV.		
16	35+39.49	46.82′ RT	621.51		
17	35+39.48	52.82′ RT	621.52		
18	35+39.47	54.53′ RT	621.53		
19	35+38.69	54.55′ RT	621.55		
20	35+34.47	54.46′ RT	MATCH EX.		
21	35+34.49	46.85′ RT	MATCH EX.		
22	35+34.49	40.85′ RT	MATCH EX.		
23	35+34.50	38.20′ RT	MATCH EX.		
24	35+34.50	36.38′ RT	MATCH EX.		
25	35+39.44	59 . 53′ RT	621.51		
26	35+45.44	59.39′ RT	621.42		
27	35+39.41	64.53′ RT	621.50		
28	35+45.41	65.49′ RT	621.41		
29	35+39.31	69.53′ RT	MATCH EX.		
30	35+45.14	69.69' RT	MATCH EX.		

DETECTABLE WARNING 12 SF -DETECTABLE WARNING, 12 SF -PCC SIDEWALK, 5", 339 SF -SIDEWALK REMOVAL, 339 SF EX. SIDEWALK EX. SIDEWALK LANDSCAPING RESTORATION QUANTITIES HAVE BEEN ESTIMATED USING AN ASSUMED SETBACK OF 2 FEET BEYOND THE EDGE OF SIDEWALK. APS7420 278 THE ESTIMATED QUANTITIES ARE AS FOLLOWS: TOPSOIL FURNISH & PLACE 4": 8 SY 621**.**278 SODDING SALT TOLERANT : 8 SY CONTROL POINTS: CUT CROSS ELEV: 621.51 BENCHMARK TOP OF CURB ELEV: 621.32

STA: 36+50.64
OS: 44.03' RT
N: 1941198.814
E: 1133106.360
STA: 35+17.48
OS: 38.04' RT
E: 1133106.360
N: 1941310.227
E: 1133033.182
SOUTH CORNER

SOUTH CORNER
MILWAUKEE AVENUE AND HERMIONE STREET

ADA RAMP ELEVATION TABLE						
POINT No.:	STATION	OFFSET	ELEV.			
1	35+85.99	50.43′ RT	621.20			
2	35+87.48	50.46′ RT	621.19			
3	35+88.53	50.48′ RT	621.21			
4	35+97.52	50.65′ RT	621.51			
5	35+97.61	44.65′ RT	621.51			
6	35+88.64	44.48′ RT	621.24			
7	35+87.01	44.45′ RT	621.25			
8	35+85.98	50.93′ RT	MATCH EX.			
9	35+87.48	50.96′ RT	MATCH EX.			
10	35+97.42	57 . 65′ RT	MATCH EX.			
11	36+03.42	57.76′ RT	MATCH EX.			
12	36+03.52	50.76′ RT	621.60			
13	36+08.52	50.86′ RT	621.62			
14	36+13.52	50.84′ RT	MATCH EX.			

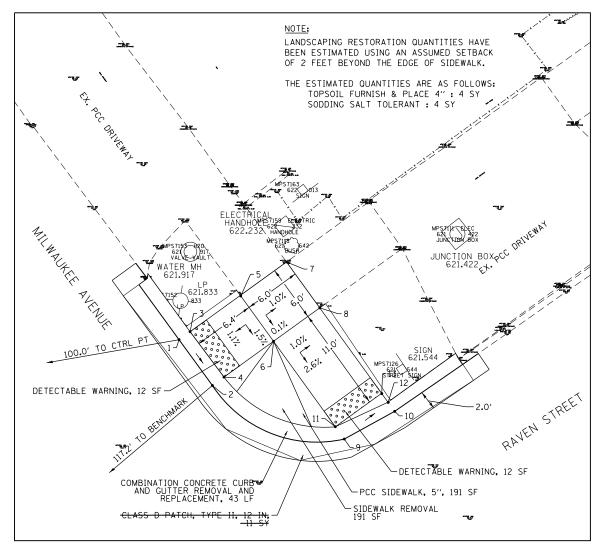
SOUTH CORNER MILWAUKEE AVENUE AND HERMIONE STREET

Д	ADA RAMP ELEVATION TABLE							
POINT No.:	STATION	OFFSET	ELEV.					
15	36+13.61	44.96′ RT	MATCH EX.					
16	36+08.61	44.86′ RT	621.54					
17	36+03.61	44.76′ RT	621.53					
18	36+13.71	38.33′ RT	MATCH EX.					
19	36+13.73	36.72′ RT	MATCH EX.					
20	36+08.71	38.33′ RT	621.66					
21	36+08.73	36.83′ RT	621.39					
22	36+03.71	38.33′ RT	621.31					
23	36+03.73	36.83′ RT	621.32					
24	35+97.71	38.37′ RT	621.23					
25	35+97.73	36.86′ RT	621.24					
26	35+91.91	40.54′ RT	621.42					
27	35+90.64	39.63′ RT	621.15					



	USER NAME = aqueelff	DESIGNED	-		REVISED	-
		DRAWN	-		REVISED	=
•	PLOT SCALE = 100.0000 ' / in.	CHECKED	-	MTC	REVISED	=
	PLOT DATE = 11/1/2016	DATE	-	09/05/2016	REVISED	=

MILWAUKEE AVENUE (IMLAY ST. TO ELSTON AVENUE)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ADA RAMP DETAILS	3513	2014-058-RS	COOK	30	13
ADA IIAIVII DEIAILO			CONTRACT	NO. 6	0Y90
SCALE: 1" = 5' SHEET 5 OF 8 SHEETS STA. TO STA.		ILLINOIS FED. AI	D PROJECT		

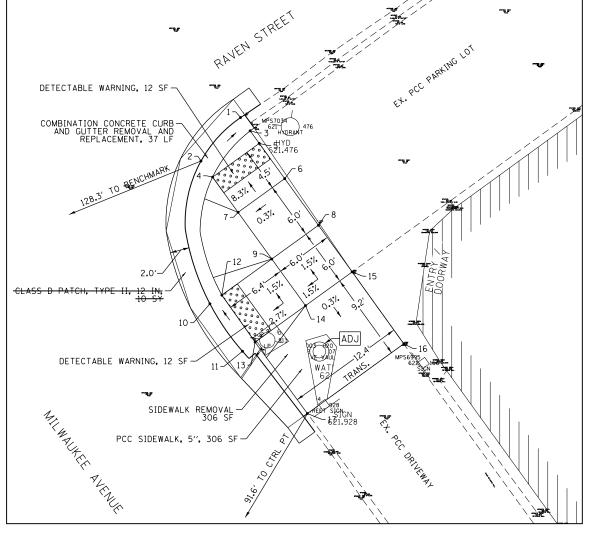


CONTROL POINTS:
BENCHMARK CUT
BACK OF CURB ELEV
ELEV: 621.36 STA:
STA: 38+37.49 OS: 76.80' RT N: 19
N: 1941028.204 E: 1133189.301

CUT CROSS ELEV: 621.75 STA: 37+78.92 OS: 49.89' RT N: 1941091.430 E: 1133176.789

NORTH CORNER
MILWAUKEE AVENUE AND RAVEN STREET

ADA RAMP ELEVATION TABLE							
POINT No.:	STATION	OFFSET	ELEV.				
1	38+22.70	40.09' LT	621.77				
2	38+28.60	40.11′ LT	621.68				
3	38+22.70	41.51′ LT	621.76				
4	38+28.60	41.60' LT	621.67				
5	38+22.70	47.97′ LT	MATCH EX.				
6	38+28.60	47.97' LT	621.74				
7	38+22.70	53 . 91′ LT	MATCH EX.				
8	38+28.62	53 . 91′ LT	MATCH EX.				
9	38+41.18	47.97' LT	621.46				
10	38+41.92	53 . 91′ LT	621.38				
11	38+39.59	47.97' LT	621.45				
12	38+40.73	53 . 91′ LT	621.37				
13	38+39.59	53 . 91′ LT	621.39				



CONTROL POINT

BENCHMARK BACK OF CURB ELEV: 621.36 STA: 38+37.49 OS: 76.80' RT N: 1941028.204 E: 1133189.301 POINTS: CUT CROSS ELEV: 621.871 STA: 39+31.95 OS: 42.78' RT N: 1940971.601 E: 1133272.220

EAST CORNER
MILWAUKEE AVENUE AND RAVEN STREET

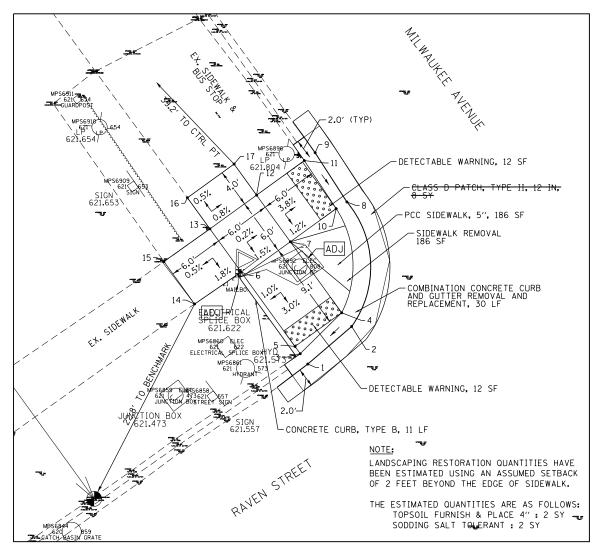
ADA RAMP ELEVATION TABLE						
POINT No.:	STATION	OFFSET	ELEV.			
1	38+66.83	53.84′ LT	621.51			
2	38+68.09	47.84′ LT	621.61			
3	38+68.54	53.84′ LT	621.50			
4	38+70.16	47.84′ LT	621.60			
5	38+70.16	53.84′ LT	621.53			
6	38+74.69	53.84′ LT	621.90			
7	38+74.69	47.84' LT	621.88			
8	38+80.69	53.84′ LT	622.02			
9	38+80.69	47.84' LT	621.97			
10	38+80.69	39.88′ LT	621.87			
11	38+86.69	39.73′ LT	621.90			
12	38+80.69	41.42′ LT	621.86			
13	38+86.69	41.35′ LT	621.89			
14	38+86.69	47.84′ LT	622.06			
15	38+86.69	53.84′ LT	MATCH EX.			
16	38+95.91	53.81′ LT	MATCH EX.			
17	38+95.91	41.41′ LT	MATCH EX.			



USER NAME = aqueelff	DESIGNED	-		REVISED	=
	DRAWN	-		REVISED	-
PLOT SCALE = 100.0000 ' / in.	CHECKED	-	MTC	REVISED	-
PLOT DATE = 11/1/2016	DATE	-	09/05/2016	REVISED	=



MILWAUKEE AVENUE (IMLAY ST. TO ELSTON AVENUE)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	
ADA RAMP DETAILS	3513	2014-058-RS	соок	30	14
			CONTRACT	NO. 6	0Y90
SCALE: 1" = 5" SHEET 6 OF 8 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT		

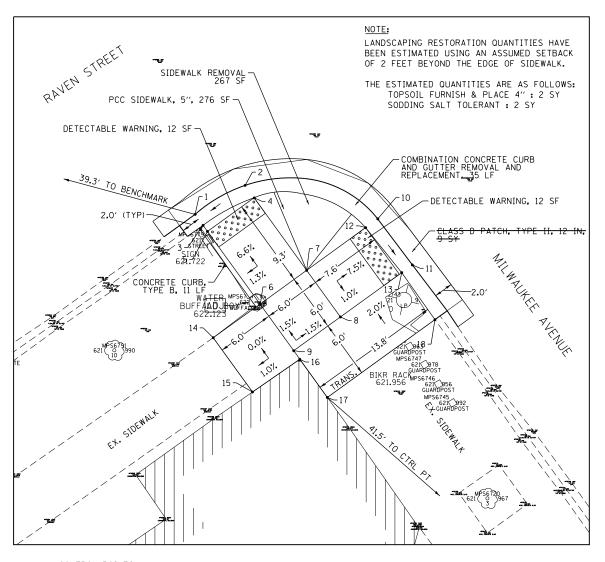


CONTROL POINTS:
BENCHMARK CUT
BACK OF CURB ELEV
ELEV: 621.36 STA:
STA: 38+37.49 OS: 76.80' RT N: 19
N: 1941028.204 E: 1133189.301

CUT CROSS ELEV: 621.75 STA: 37+78.92 OS: 49.89' RT N: 1941091.430 E: 1133176.789

WEST CORNER
MILWAUKEE AVENUE AND RAVEN STREET

ADA RAMP ELEVATION TABLE						
POINT No.:	STATION	OFFSET	ELEV.			
1	38+39.15	50.54' RT	621.43			
2	38+38.66	44.54' RT	621.50			
3	38+37.82	50 . 54′ RT	621.42			
4	38+36.89	44.54′ RT	621.49			
5	38+36.89	50.54′ RT	621.43			
6	38+27.32	50.54' RT	621.75			
7	38+27.76	44.54' RT	621.76			
8	38+27.76	37.33' RT	621.59			
9	38+21.76	37.01' RT	621.61			
10	38+27.76	38.64' RT	621.58			
11	38+21.76	38.41′ RT	621.60			
12	38+21.76	44.54′ RT	621.83			
13	38+21.76	50.54' RT	MATCH EX.			
14	38+27.17	56.42′ RT	MATCH EX.			
15	38+21.72	56.42′ RT	MATCH EX.			
16	38+17.76	50.54′ RT	MATCH EX.			
17	38+17.76	44.54′ RT	MATCH EX.			



CONTROL POINTS:

BENCHMARK BACK OF CURB ELEV: 621.36 STA: 38+37.49 OS: 76.80' RT N: 1941028.204 E: 1133189.301 POINTS: CUT CROSS ELEV: 621.871 STA: 39+31.95 OS: 42.78' RT N: 1940971.601 E: 1133272.220

SOUTH CORNER
MILWAUKEE AVENUE AND RAVEN STREET

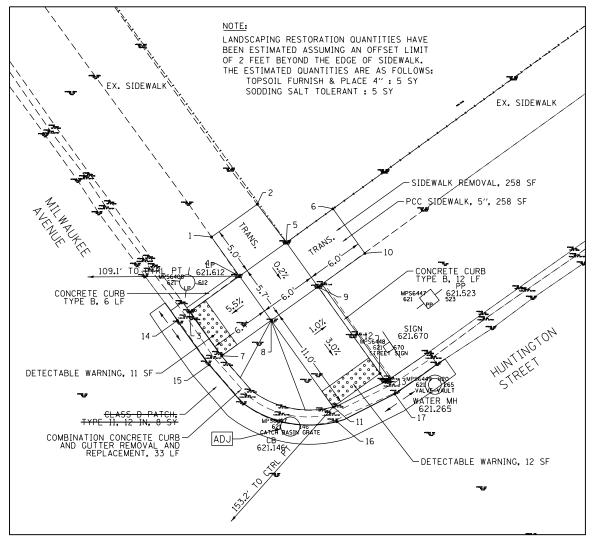
ADA RAMP ELEVATION TABLE						
POINT No.:	STATION	OFFSET	ELEV.			
1	38+67.99	52.06′ RT	621.36			
2	38+68.59	46.06' RT	621.45			
3	38+69.41	52 . 06′ RT	621.35			
4	38+70.19	46.06′ RT	621.44			
5	38+70.19	52 . 06′ RT	621.36			
6	38+79.52	52 . 06′ RT	622.03			
7	38+79.52	46.06′ RT	622.05			
8	38+85.52	46.06' RT	622.03			
9	38+85.52	52 . 06′ RT	622.12			
10	38+79.52	36.91′ RT	621.51			
11	38+85.52	36.80′ RT	621.45			
12	38+79.52	38.47' RT	621.50			
13	38+85.52	38.17′ RT	621.40			
14	38+79.51	58.06′ RT	MATCH EX.			
15	38+86.49	58.06′ RT	MATCH EX.			
16	38+86.62	52 . 07′ RT	MATCH EX.			
17	38+91.52	52.08' RT	MATCH EX.			
18	38+91.52	38.24' RT	MATCH EX.			



USER NAME = aqueelff	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.00000 '/ in.	CHECKED - MTC	REVISED -
PLOT DATE = 11/1/2016	DATE - 09/05/2016	REVISED -



MILWAUKEE AVENUE (IMLAY ST. TO ELSTON AVENUE)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ADA RAMP DETAILS	3513	2014-058-RS	соок	30	15
ADA NAIVII DETAILO			CONTRACT	NO. 6	0Y90
SCALE: 1" = 5' SHEET 7 OF 8 SHEETS STA. TO STA.		ILLINOIS FED. AI	D PROJECT		



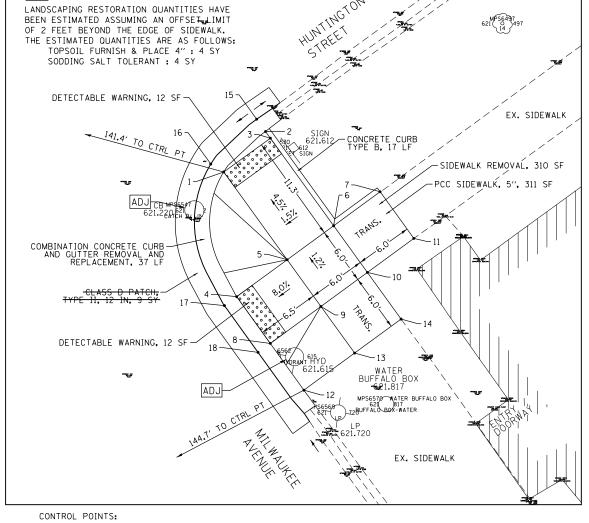
CONTROL POINTS:
CUT CROSS
ELEV: 621.46 ELEV: 621.22
STA: 40+91.69 STA: 42+04.74
OS: 41.20' RT
N: 1940843.081 N: 1940715.742

E: 1133383.934

E: 1133367.113

NORTH CORNER
MILWAUKEE AVENUE AND HUNTINGTON STREET

ADA RAMP ELEVATION TABLE							
POINT No.:	STATION	OFFSET	ELEV.				
1	41+50.11	47.55′ LT	MATCH EX.				
2	41+50.14	53.41′ LT	MATCH EX.				
3	41+55.07	41.13′ LT	621.45				
4	41+55.11	47.52′ LT	621.80				
5	41+55.14	53.52′ LT	MATCH EX.				
6	41+55.14	59 . 52′ LT	MATCH EX.				
7	41+60.76	41.14' LT	621.44				
8	41+60.79	47.50′ LT	621.79				
9	41+60.82	53 . 50′ LT	621.89				
10	41+60.85	59 . 50′ LT	MATCH EX.				
11	41+71.88	47.45′ LT	621.12				
12	41+71.91	53.44′ LT	621.18				
13	41+72.95	53.44′ LT	621.17				
14	41+55.07	39.57' LT	621.46				
15	41+60.75	39 . 55′ LT	621.45				
16	41+73.35	46.87′ LT	621.13				
17	41+74.54	53.43' LT	621.18				



CONTROL POINTS:
CUT CROSS
ELEV: 621.46
STA: 40+91.69
OS: 41.20' RT
N: 1940843.081
E: 1133367.113
CONTROL POINTS:
CUT CROSS
ELEV: 621.22
STA: 42+04.74
OS: 102.18' RT
N: 1940715.742
E: 1133387.113
E: 1133383.934

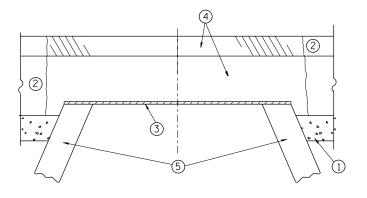
EAST CORNER
MILWAUKEE AVENUE AND HUNTINGTON STREET

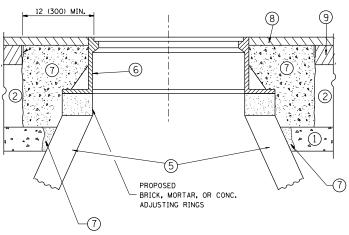
ADA RAMP ELEVATION TABLE							
POINT No.:	STATION	OFFSET	ELEV.				
1	42+01.72	47.62' LT	621.22				
2	42+00.86	53.62′ LT	621.26				
3	42+01.72	53 . 62′ LT	621.27				
4	42+13.04	41.10′ LT	621.21				
5	42+13.01	47.62' LT	621.73				
6	42+12.97	53.62′ LT	621.82				
7	42+12.94	59 . 62′ LT	MATCH EX.				
8	42+19.04	41 . 09′ LT	621.28				
9	42+19.01	47.62′ LT	621.80				
10	42+18.97	53 . 62′ LT	MATCH EX.				
11	42+18.94	59 . 62′ LT	MATCH EX.				
12	42+25.04	41 . 07′ LT	MATCH EX.				
13	42+25.01	47.61' LT	MATCH EX.				
14	42+24.97	53.61′ LT	MATCH EX.				
15	41+99.28	53 . 62′ LT	621.27				
16	42+00.26	47.01' LT	621.23				
17	42+13.05	39 . 52′ LT	621.22				
18	42+19.05	39 . 51′ LT	621.29				



USER NAME = aqueelff	DESIGNED -		REVISED	9
	DRAWN -		REVISED	=
PLOT SCALE = 100.0000 ' / in.	CHECKED -	MTC	REVISED	=
PLOT DATE = 11/1/2016	DATE -	09/05/2016	REVISED	=

MILWAUKEE AVENUE (IMLAY ST. TO ELSTON AVENUE)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ADA RAMP DETAILS	3513	2014-058-RS	COOK	30	16
			CONTRACT	NO. 6	0Y90
SCALE: 1" = 5' SHEET 8 OF 8 SHEETS STA. TO STA.		ILLINOIS FED. AI	D PROJECT		





EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

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

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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.

SCALE: NONE

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM
- AROUND THE STRUCTURE.

 B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE. D) BACKFILL WITH CRUSHED STONE AND A MINIMUM $1\frac{1}{2}$ (40)
- THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE

LEGEND

- 1 SUB-BASE GRANULAR MATERIAL
- (6) FRAME AND LID (SEE NOTES)
- 2 EXISTING PAVEMENT

(5) EXISTING STRUCTURE

- (7) CLASS PP-1* CONCRETE
- 3 36 (900) DIAMETER METAL PLATE
- (8) PROPOSED HMA SURFACE COURSE
- PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- (9) PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK. THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

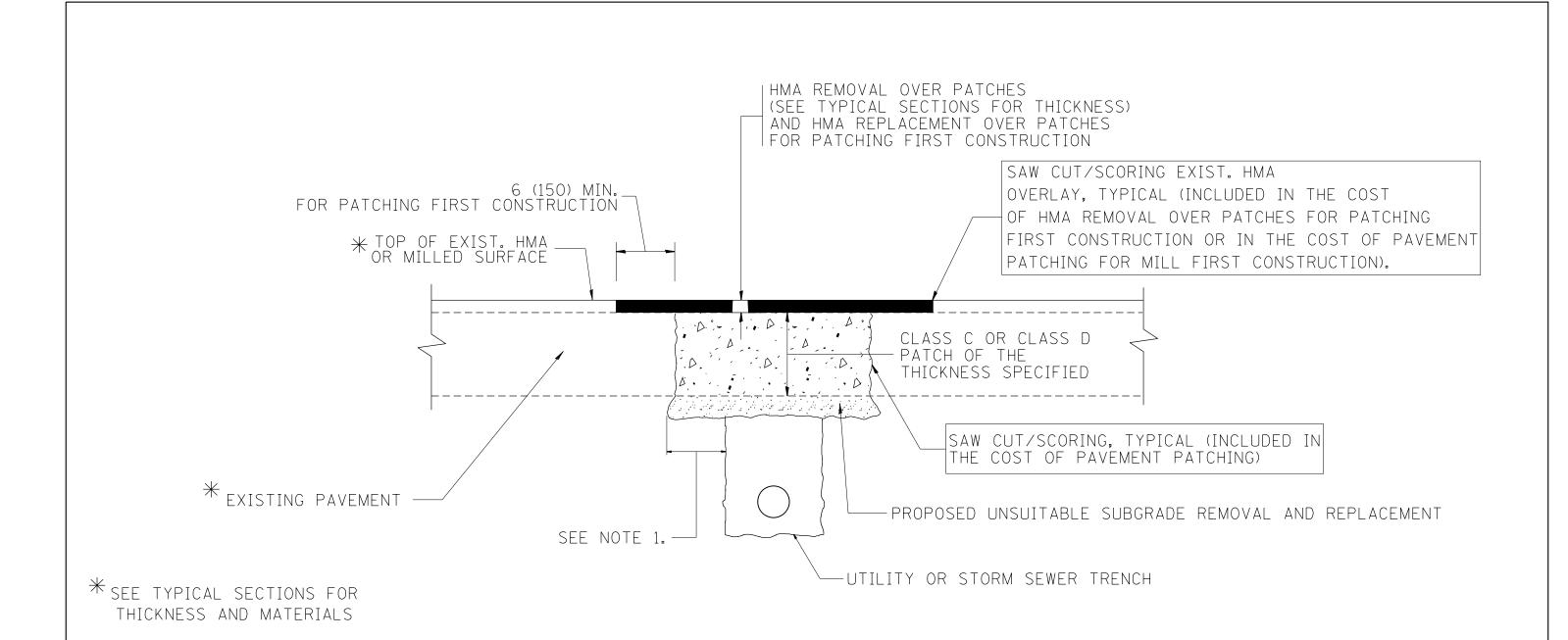
NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = aqueelff	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
pw:\\IL084EBIDINTEG.:1ll:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D103	4 BR(AMDI)ata\Design\DistStd.dgn	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 11/1/2016	DATE - 10-25-94	REVISED - R. BORO 12-06-11

	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING					SECTION	COUNTY TOTAL SHEETS				
						2014-058-RS	соок	30	17		
	THAINLS AND LIDS	ADJUSTIN	CIVI VVIIII	WILLING		BD600-03 (BD-8) CONTRACT NO. 60YS					
SHEET NO. 1 OF 1 SHEETS STA. TO STA.				FED. R	OAD DIST. NO. 1 ILLINOIS FED. A	ID PROJECT					



NOTES:

- 1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
- 2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

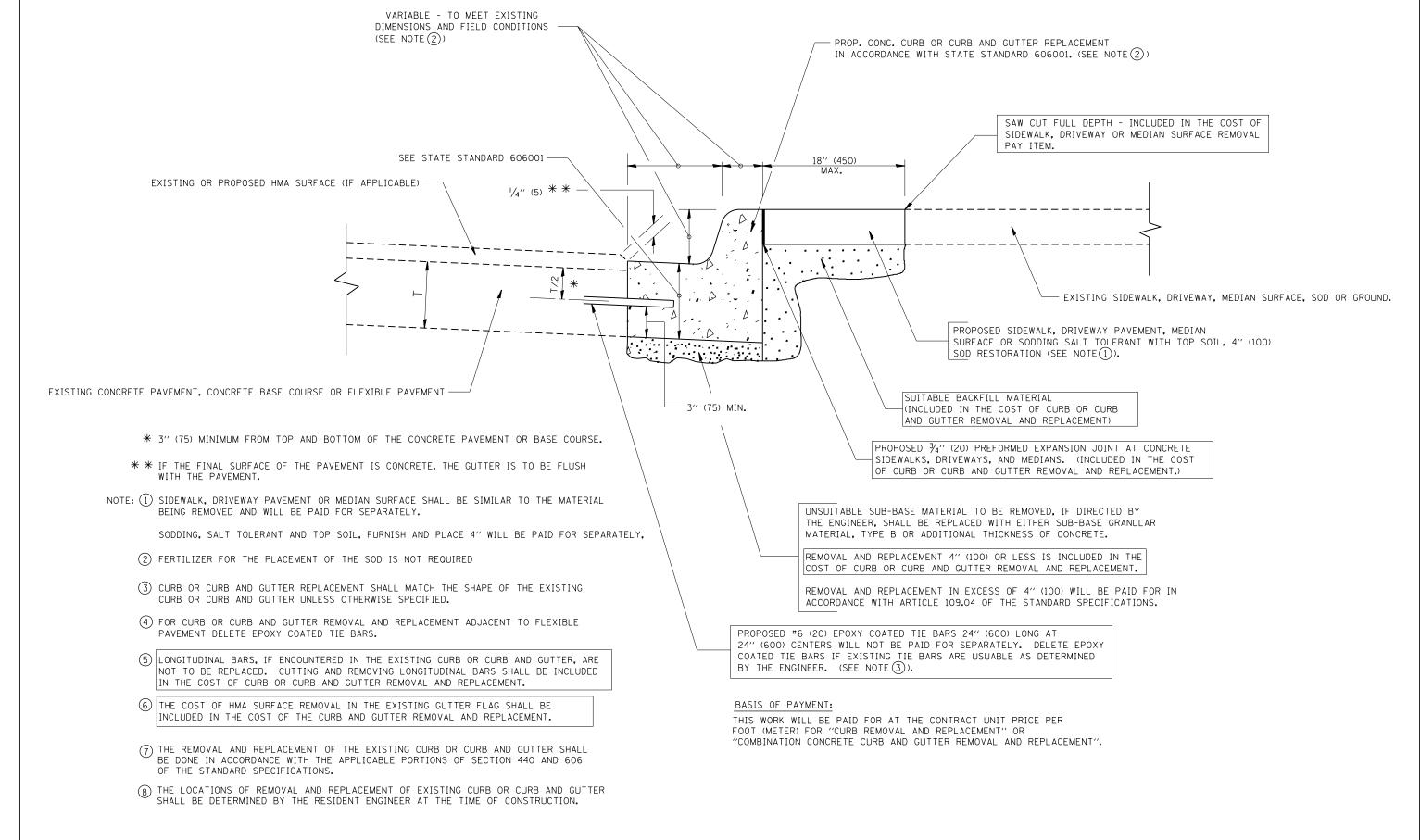
SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

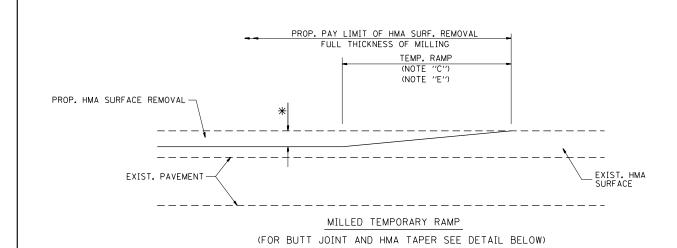
- 1. MILL HMA FIRST IF THERE IS AT LEAST 41/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

- [FILE NAME =	USER NAME = aqueelff	DESIGNED - R. SHAH	REVISED -	A. ABBAS 04-27-98			PAVEMENT PATCHING FOR		RTE.	SECTION	COUNTY	SHEETS	40.
- 1	pw:\\IL084EBIDINTEG.:ll:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D103	4 BR/AWIN ata\Design\DistStd.dgn	REVISED -	R. BORO 01-01-07	STATE OF ILLINOIS				3513	2014-058-RS	соок	30	18
		PLOT SCALE = 100.00000 '/ in.	CHECKED -	REVISED -	R. BORO 09-04-07	DEPARTMENT OF TRANSPORTATION		HMA SURFACED PAVEMENT			BD400-04 (BD-22)	CONTRACT	NO. 60Y	90
L		PLOT DATE = 11/1/2016	DATE - 10-25-94	REVISED -	K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. RO	AD DIST. NO. 1 ILLINOIS FED. A			-

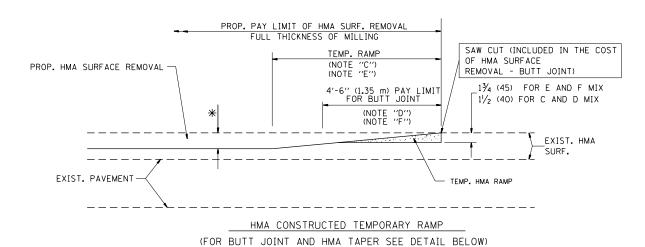


CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

FILE NAME =	USER NAME = aqueelff	DESIGNED - A. HOUSEH	REVISED -	R. SHAH 10-03-96			CURB OR CURB ANI	GUTTER		F.A.U. RTF.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
pw:\\IL084EBIDINTEG.ıllınoıs.gov:PWI	00T\Documents\ID0T Offices\District 1\Projects\D10	34 IBRIANINata\Design\DistStd.dgn	REVISED -	A. ABBAS 03-21-97	STATE OF ILLINOIS	REMOVAL AND REPLACEMENT				3513 2014-058-RS		соок	30 19
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	M. GOMEZ 01-22-01	DEPARTMENT OF TRANSPORTATION			ACEIVIENI		В	D600-06 (BD-24)	CONTRAC	CT NO. 60Y90
	PLOT DATE = 11/1/2016	DATE - 03-11-94	REVISED -	R. BORO 12-15-09		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED.		.D. AID PROJECT		



OPTION 1



OPTION 2

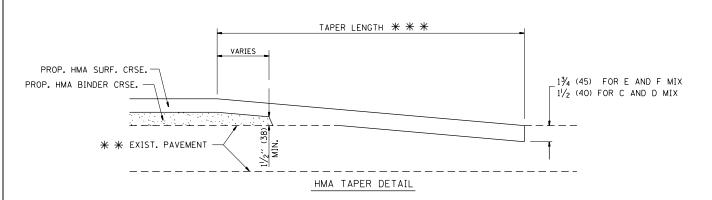
TYPICAL TEMPORARY RAMP

HMA TAPER LENGTH *** SAW CUT (INCLUDED IN THE COST OF HMA SURFACE PROP. HMA SURF. CRSE. REMOVAL - BUTT JOINT) PROP. HMA BINDER CRSE. 4'-6" (1.35 m) VARIES _ 13/4 (45) FOR E AND F MIX PAY LIMIT FOR BUTT JOINT (NOTE "D") 11/2 (40) FOR C AND D MIX EXIST. HMA SURF. EXIST. PAVEMENT HMA SURF. REMOVAL - BUTT JOINT BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROP. HMA OR PCC SURFACE REMOVAL - BUTT JOINT 30'-0" (9.0 m) (NOTE "A") 15'-0" (4.5 m) (NOTE "B") (NOTE "D") ** * EXIST. PAVEMENT BUTT JOINT DETAIL



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

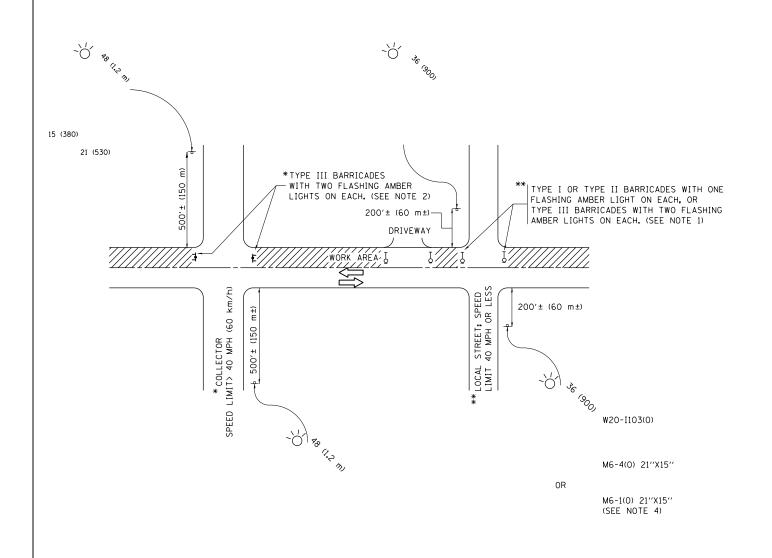
* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- : MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOTT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".



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:
 - 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).

SCALE: NONE

- 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 ENGINFER.
- 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.

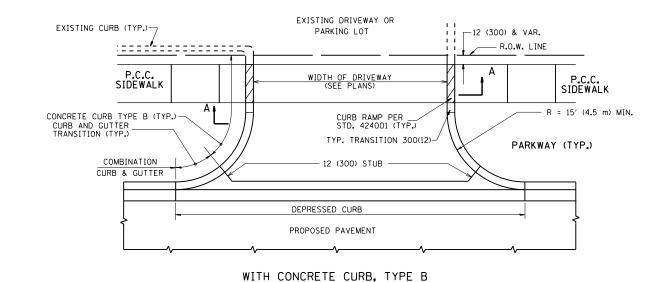
All dimensions are in inches (millimeters) unless otherwise shown.

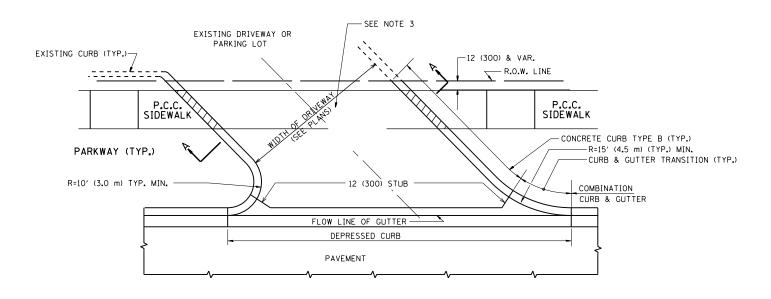
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pw:\\ILØ84EBIDINTEG.:ll:nois.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D103	4 BROWN ata\Design\DistStd.dgn	REVISED	-T. RAMMACHER 01-06-00
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED	- A. SCHUETZE 07-01-13
Default	PLOT DATE = 11/1/2016	DATE - 06-89	REVISED	- A. SCHUETZE 09-15-16

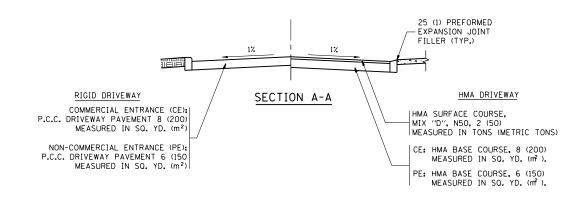
STATI	E OF	ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR									
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS									
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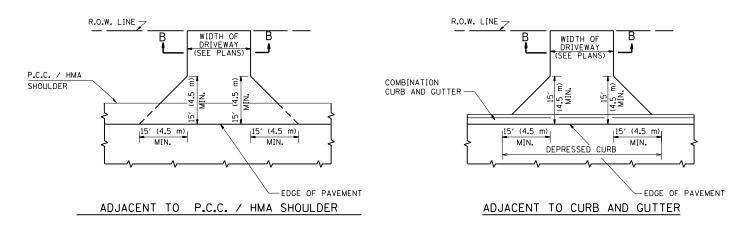
F.A.U RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.
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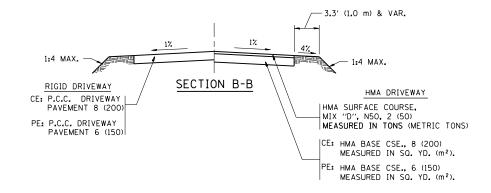






WITH CONCRETE CURB, TYPE B





RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX "D", N50, 2 (50) MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m^2) .

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY OUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

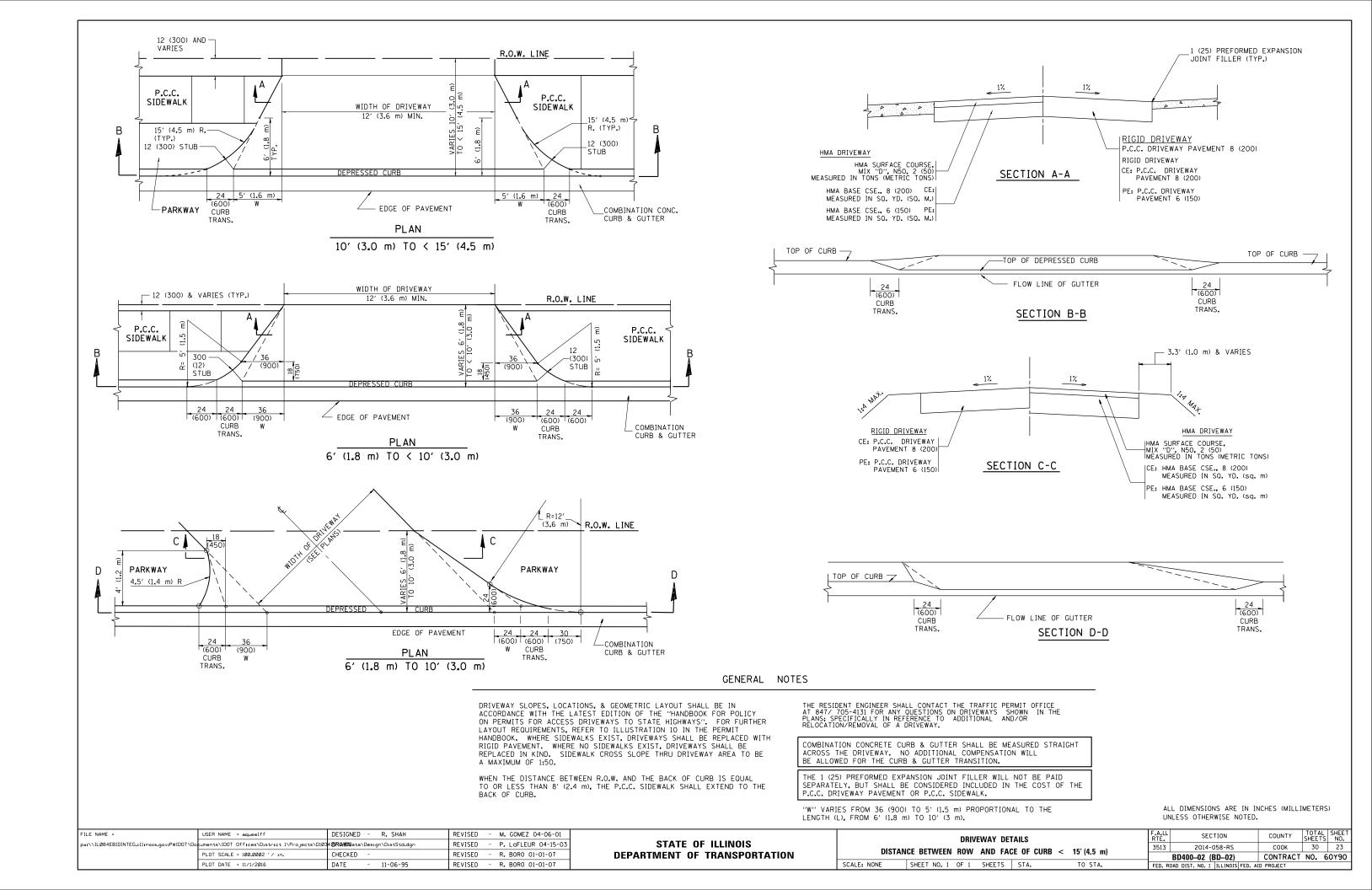
1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

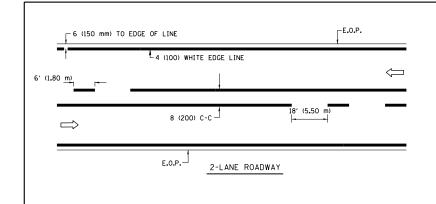
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

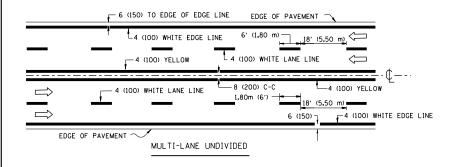
SCALE: NONE

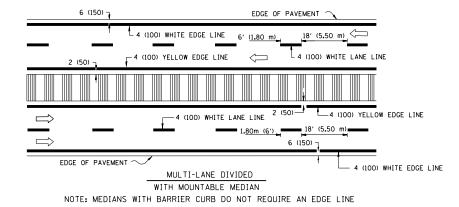
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	PLOT SCALE = 100.0002 ' / in.	CHECKED -	REVISED - R. BORO 06-11-08
	PLOT DATE = 11/1/2016	DATE - 11-04-95	REVISED - R. BORO 09-06-11

DR	DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER $>$ = 15' (4.5 m)				SECTION	COUNTY	TOTAL	SHEET NO.
AND E					2014-058-RS	соок	30	22
AND I					BD0156-07 (BD-01)	CONTRACT	NO.	60Y90
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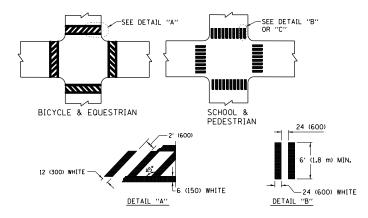




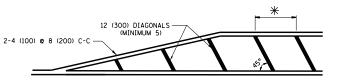




TYPICAL LANE AND EDGE LINE MARKING



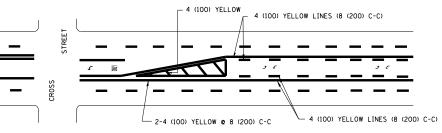
TYPICAL CROSSWALK MARKING



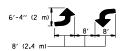
*FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

PAINTED MEDIANS

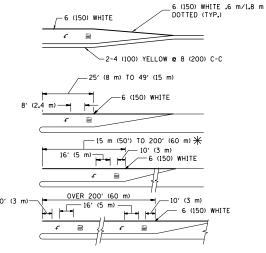


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

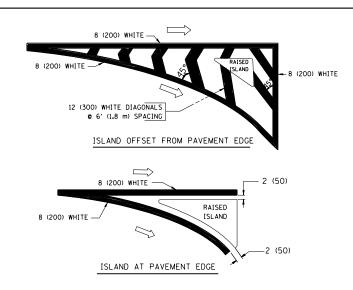


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. \P_1 AREA = 15.8 SO. FT. (1.47 m²) ONLY AREA = 22.9 SO. FT. (2.13 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TURE OF HARMING				CD LOVID / DELLIBUS
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW: EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH: 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4 m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) © 45° 24 (600) © 90°	SOLID SOLID	WHITE WHITE	2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSMALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	8 (200) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R":3.6 SO. FT. (0.33m²) EACH "X":54.0 SO. FT. (5.0 m²)

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

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

FILE NAME =	USER NAME = aqueelff	DESIGNED -	REVISED	-T. RAMMACHER	12-07-00
pw:\\IL084EBIDINTEG.:111:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D103	4 BRAWM ata\Design\DistStd.dgn	REVISED	- K. ENG	02-28-1
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED	-	
	PLOT DATE = 11/1/2016	DATE -	REVISED	-	

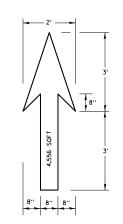
24 (600) WHITE

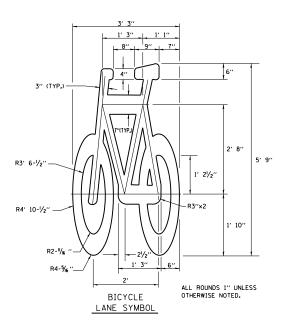
DETAIL "C"

CENTRAL DOWNTOWN

BUSINESS DISTRICT

	CITY	OF CHICA	AGO		RTE.	SECTION	COUNTY	SHEETS	S NO.		
	TYPICAL PAVEMENT MARKINGS					2014-058-RS	соок	30	24		
	TIFICAL FAV	LIVILIAI	WANKINGS			TC-24 CONTRACT N					
SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.						DAD DIST. NO. 1 ILLINOIS FED. A	ID PROJECT				

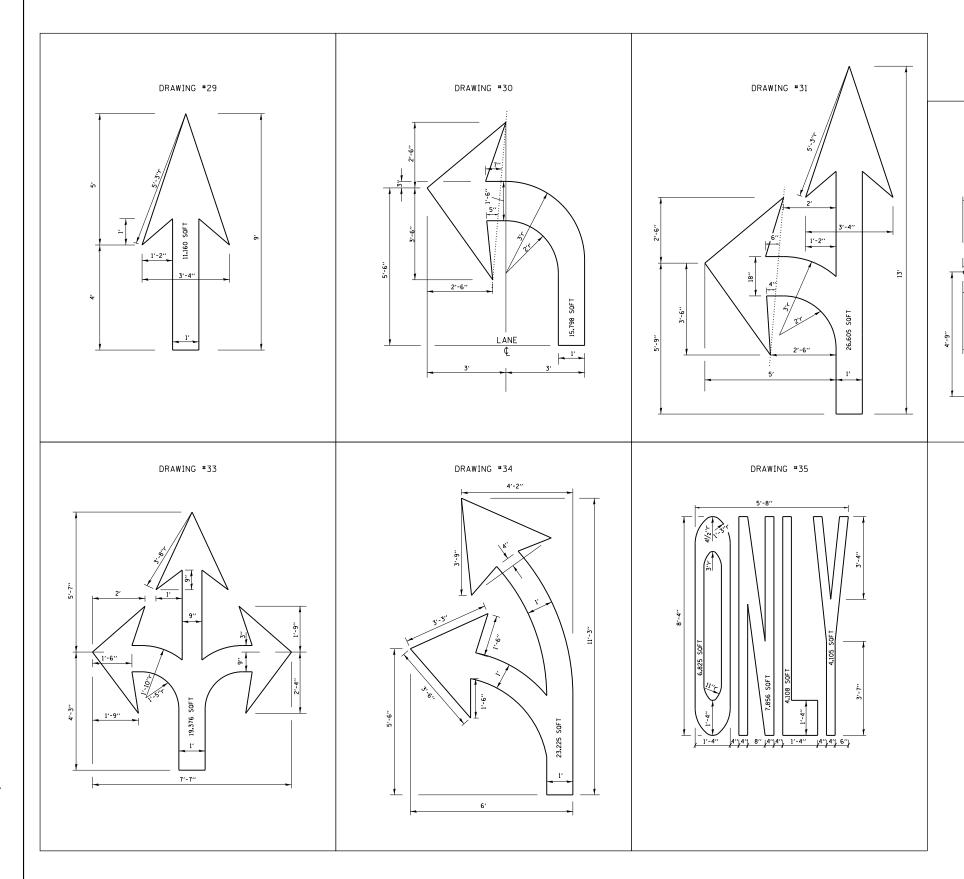




- NOTE:

 1.) FOR BIKE LANE SYMBOLS ONLY,
 USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
- 2.) THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS DRAWING #28

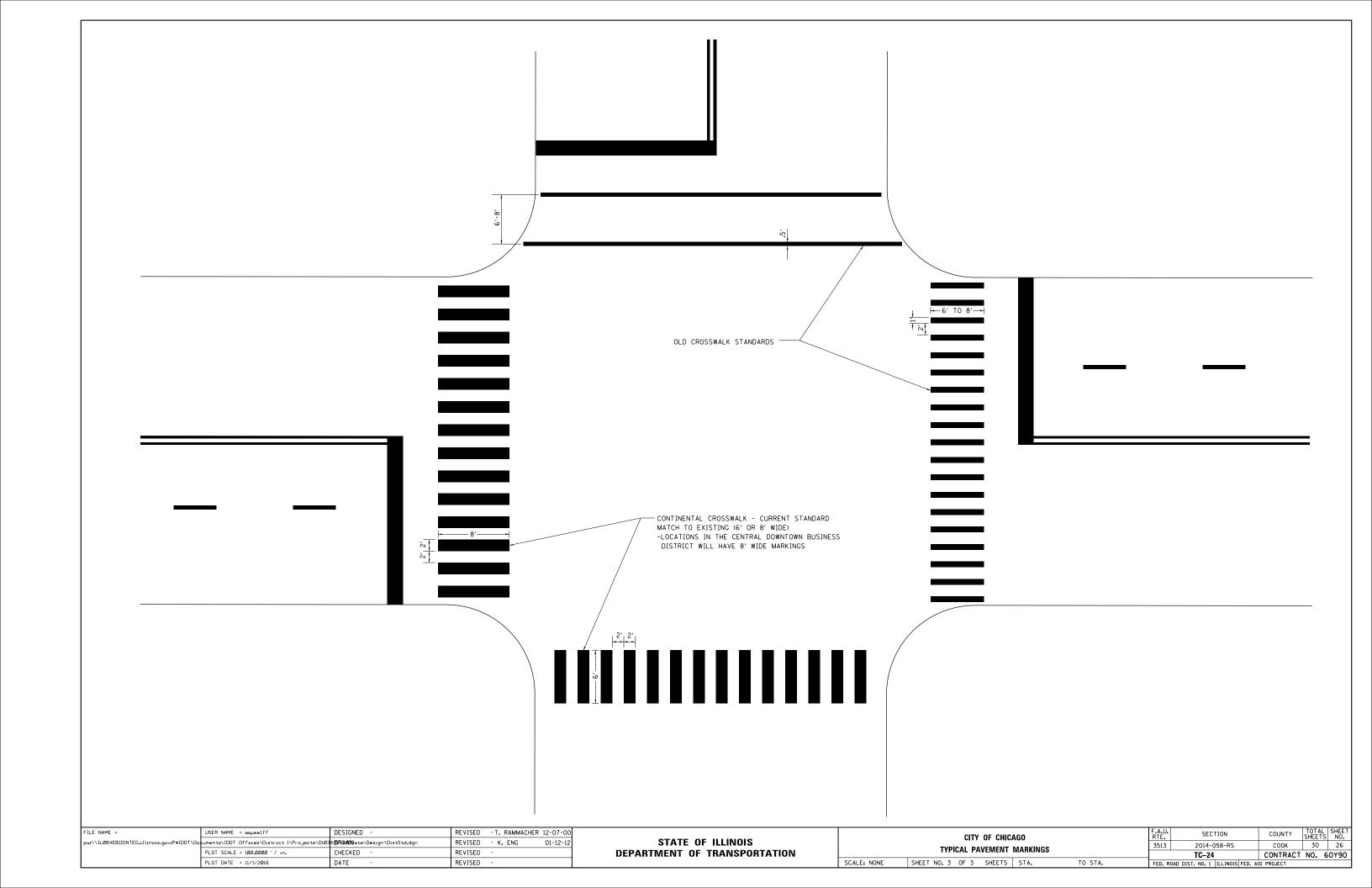


DRAWING #32

ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE

PLANS

COUNTY TOTAL SHEET NO. COOK 30 25 FILE NAME = USER NAME = aqueelff DESIGNED -REVISED - T. RAMMACHER 12-07-00 SECTION CITY OF CHICAGO STATE OF ILLINOIS numents\IDOT Offices\District 1\Projects\D1034BR@WMata\Design\DistStd.dgn pw:\\ILØ84EBIDINTEG.:ll:nois.gov:PWIDOT\Do REVISED - K. ENG 01-12-12 3513 2014-058-RS TYPICAL PAVEMENT MARKINGS CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 60Y90 TC-24 PLOT DATE = 11/1/2016 DATE REVISED SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

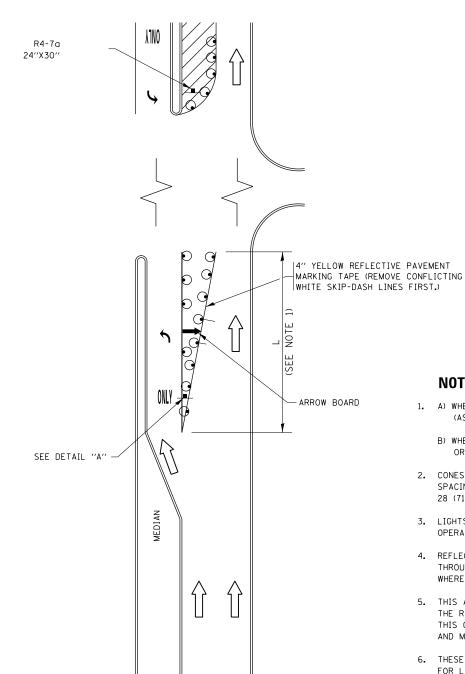


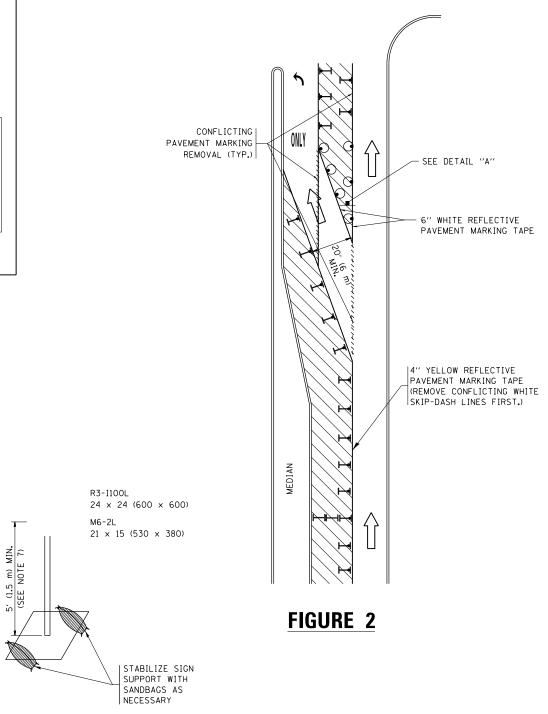
FIGURE 1

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 < 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 \times 15 (530 \times 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.

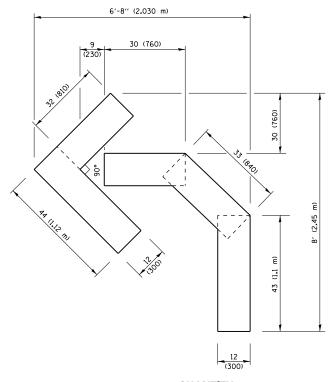
TURN BAY ENTRANCE WITHIN A LANE CLOSURE



DETAIL A

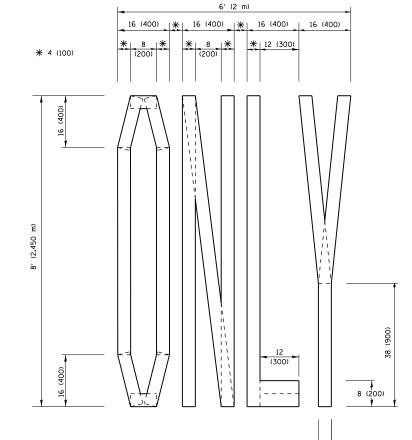
All dimensions are in inches (millimeters) unless otherwise shown.

· · ····-	USER NAME = aqueelff	REVISED -	T. RAMMACHER 09-08-9		- R. BORO 09-14-09		TRAF	FIC CONTI	ROL AND	PROTE	CTION AT TU	RN BAYS	RTE.	SECTION	COUNTY	SHEET	TS NO.	, '
pw:\\ILØ84EBIDINTEG.:111:no:s.gov:PWIDOT\Do	ouments\IDOT Offices\District 1\Projects\D103	41R5E0V41S0EaD:a∖De	sign WusHOUSEJH 11-07-9	REVISED	- A. SCHUETZE 07-01-13						TO TRAFFIC)		3513	2014-058-RS	соок	30	27	
	PLOT SCALE = 100.0000 '/ in.	REVISED -	A. HOUSEH 10-12-96	REVISED	- A. SCHUETZE 09-15-16	DEPARTMENT OF TRANSPORTATION		(10	NEIVIAIIN	OFEN	IU INAFFIC)			TC-14	CONTRACT	T NO.	60Y90	
Default	PLOT DATE = 11/1/2016	REVISED -	T. RAMMACHER 01-06-0	O REVISED	-		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILLINOIS FED	. AID PROJECT			



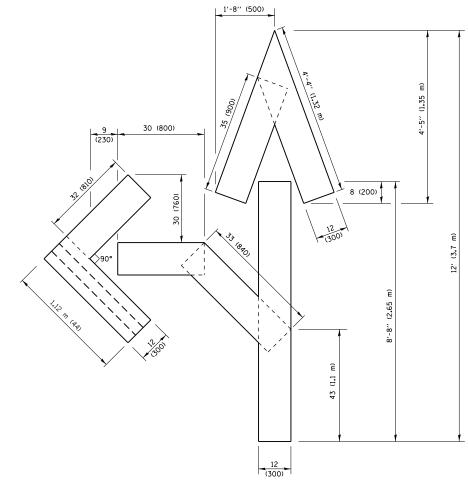
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m) 15.2 sq. ft. (1.41 sq. m)



4 (100) LINE = 64.1 ft. (19.5 m) 21.4 sq. ft. (1.99 sq. m)

QUANTITY

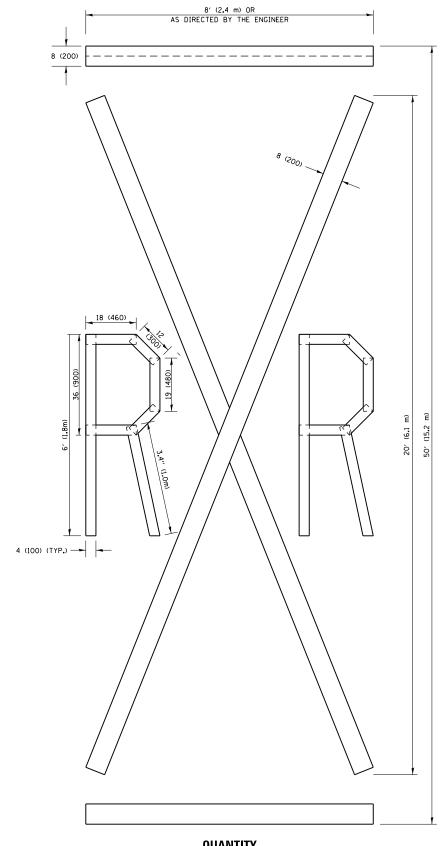


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m) 27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.

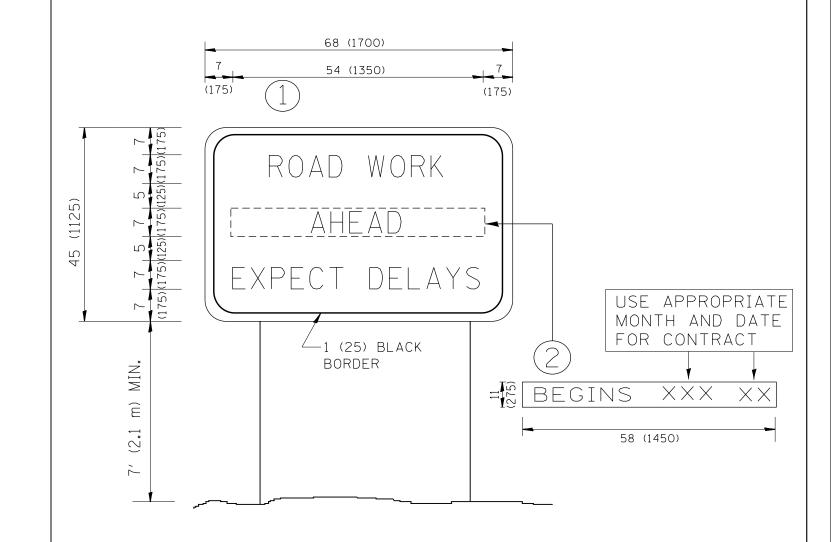


QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m) 75.3 sq. ft. (6.99 sq. m)

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

FILE NAME =	USER NAME = aqueelff	DESIGNED -	REVISED -T. RAMMACHER 03-02-98			F.A.U. RTF.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
pw:\\IL084EBIDINTEG.1111no1s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D103		REVISED -E. GOMEZ 08-28-00	STATE OF ILLINOIS	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS	3513	2014-058-RS	соок	30 28
	PLOT SCALE = 100.0010 '/ in.	CHECKED -	REVISED -E. GOMEZ 08-28-00	DEPARTMENT OF TRANSPORTATION			TC-16	CONTRACT	NO. 60Y90
	PLOT DATE = 11/1/2016	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD	D DIST. NO. 1 ILLINOIS FED. A	ID 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.

FIL	E NAME =	USER NAME = aqueelff	DESIGNED -	REVISED - R. MIRS 09-15-97			ARTERIAL ROAD		F.A.U. RTF	SECTION	COUNTY	TOTAL	SHEET
pw:	\\IL084EBIDINTEG.ıllınoıs.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D103	4 BRANDNata\Design\DistStd.dgn	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS		INFORMATION SIGN		3513	2014-058-RS	соок	30	29
		PLOT SCALE = 100.0010 '/ in.	CHECKED -	REVISED -T. RAMMACHER 02-02-	DEPARTMENT OF TRANSPORTATION		INFURIMATION SIGN			TC-22	CONTRACT	NO. 60)Y90
		PLOT DATE = 11/1/2016	DATE -	REVISED - C. JUCIUS 01-31-0		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. ROAD	DIST. NO. 1 ILLINOIS FED. A	ID PROJECT		

SHEET LEFT INTENTIONALLY BLANK

FILE NAME =	USER NAME = aqueelff	DESIGNED -	REVISED -
pw:\\IL084EBIDINTEG.:ll:nois.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D103	4 BRØM Ø0ata\Design\D103415-sht-plan.dgn	REVISED -
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -
Default	PLOT DATE = 11/3/2016	DATE -	REVISED -

				_		F.A.U. RTE.	SECTION	COUNT	Y TOTA	L SHEET S NO.
		BLA	ANK SHE	El		3513	2014-058-13	C00	₹ 30	30
								CONTR	RACT NO.	60Y90
ALE: 1"=50"	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT		