

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

P.A. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	36	1
		LUNDS	CONTRACT NO. 62G77	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE
CITY OF CHICAGO

TRAFFIC DATA:

ELSTON AVENUE:
2014 ADT = 12,800
SPEED LIMIT = 30 MPH

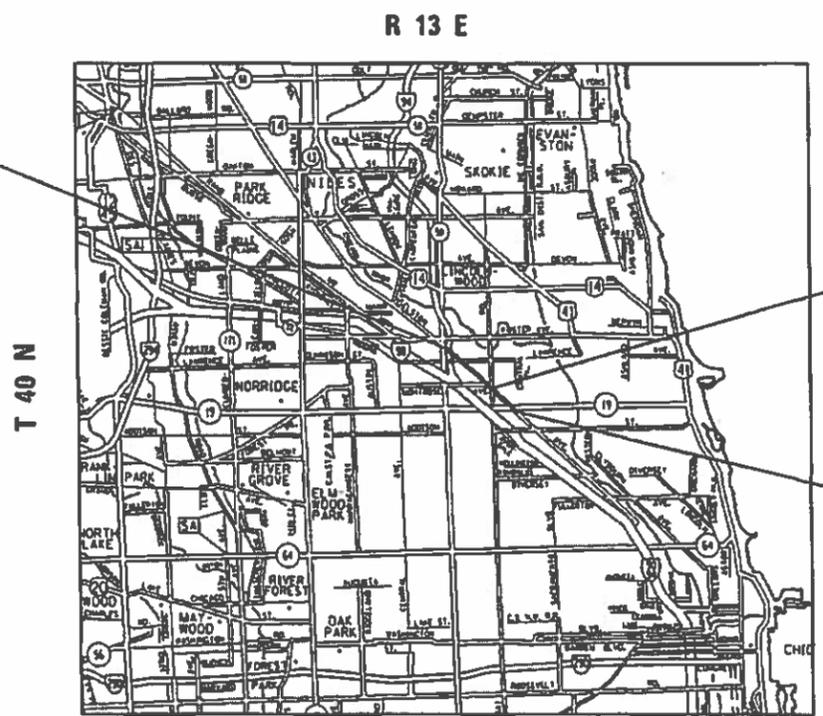
PROPOSED
HIGHWAY PLANS

FAU 3528: ELSTON AVE
FROM I-94 TO CENTRAL PARK AVE
SECTION 2018-013-RS-SW
PROJECT STP-1E9Q(974)
SMART OVERLAY, PEDESTRIAN RAMP
COOK COUNTY

C-91-261-18



PROJECT START
STA 26+77



OMISSION
STA 94+79 TO STA 97+75

PROJECT ENDS
STA 133+97



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.

C.U.A.N.
CHICAGO UTILITY ALERT NETWORK
312-744-7000

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 26 2019

Anthony J. Doughton
REGISTERED PROFESSIONAL ENGINEER

June 14 2019
E.A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

June 14 2019
Paul E. Chy
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER JEAN A. MIDY (847)221-3056
PROJECT MANAGER FAWAD AQUEEL (847)705-4247
CONTRACT NO. 62G77

GROSS LENGTH = 10,720 FT. = 2.030 MILE
NET LENGTH = 10,424 FT. = 1.974 MILE

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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56	CITY OF CHICAGO DETECTABLE WARNINGS BD-58

STATE STANDARDS:

000001-07	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
606001-07	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY
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
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES:

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL C.U.A.N. AT 312-744-7000 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION REQUIRED).
- 10 FEET (3 METER) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTERS 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 WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H) WITH WRITTEN APPROVAL FROM THE ENGINEER. A MAXIMUM GRADE DIFFERENTIAL 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), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, DON CHIARUGI, AT DON.CHIARUGI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
- ALL PAVEMENT PATCHING AND COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 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.
- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- PAVEMENT MARKING TAPE TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 80% FED 20% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ELSTON 80% FED 20% ST 0005				
20200100	EARTH EXCAVATION	CU YD	134	134				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	275	275				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	3	3				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3	3				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3	3				
25200110	SODDING, SALT TOLERANT	SO YD	1381	1381				
25200200	SUPPLEMENTAL WATERING	UNIT	62	62				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	28630	28630				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	95	95				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	759	759				
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	6235	6235				
42001300	PROTECTIVE COAT	SO YD	3760	3760				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	290	290				

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 80% FED 20% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ELSTON 80% FED 20% ST 0005				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	17315	17315				
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	63619	63619				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	295	295				
44000600	SIDEWALK REMOVAL	SO FT	17315	17315				
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SO YD	272	272				
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SO YD	118	118				
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SO YD	660	660				
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2	2				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	19	19				
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	9	9				
60266600	VALVE BOXES TO BE ADJUSTED	EACH	14	14				
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	2	2				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	71	71				
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	43	43				* SPECIALTY ITEM
								△ NON-PARTICIPATING ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELSTON AVE RESURFACING
SUMMARY OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	56	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G77	

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 80% FED 20% STATE	ELSTON 80% FED 20% ST 0005	CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 80% FED 20% STATE	ELSTON 80% FED 20% ST 0005	CONSTRUCTION TYPE CODE							
CODE NO	ITEM	UNIT			CODE NO	ITEM	UNIT	CODE NO	ITEM	UNIT	CODE NO	ITEM			UNIT							
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10	10								70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	7830	7830						
60406530	FRAMES AND LIDS, CLOSED LID (CITY OF CHICAGO)	EACH	39	39								70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	112	112						
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	134	134								70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	594	594						
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4								70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	8042	8042						
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1								* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3						
* 66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	15	15								* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	5	5						
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1								* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6								* 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	5	5						
67100100	MOBILIZATION	L SUM	1	1								* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	485	485						
70300100	SHORT TERM PAVEMENT MARKING	FOOT	34929	34929								* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	65880	65880						
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	10930	10930								* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	7830	7830						
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	255	255								* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	112	112						
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	65880	65880								* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	6336	6336						

* SPECIALTY ITEM
 △ NON-PARTICIPATING ITEM

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 80% FED 20% STATE	ELSTON 80% FED 20% ST 0005	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT							
* 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	271	271					
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	2					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	120	120					
* 89502376	REBUILD EXISTING HANDHOLE	EACH	4	4					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
X0327611	REMOVE AND REINSTALL BRICK PAVER	SO FT	60	60					
* X4240800	DETECTABLE WARNINGS (SPECIAL)	SO FT	1135	1135					
△ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	600	600					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	125	125					
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	80259	80259					
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	5513	5513					
△ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	59	59					
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	257	257					
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	13650	13650					

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 80% FED 20% STATE	ELSTON 80% FED 20% ST 0005	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT							
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1					

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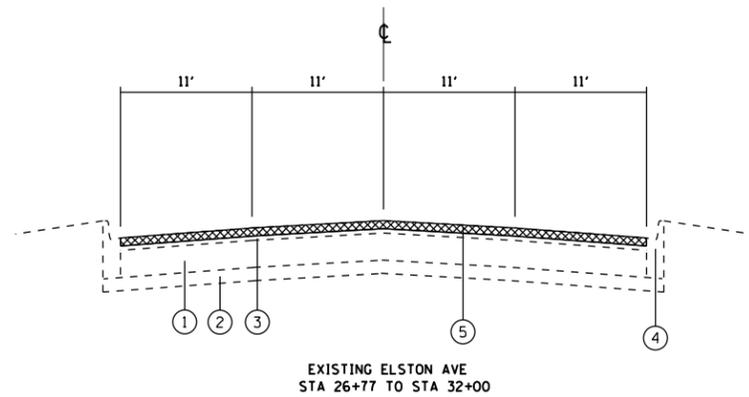
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELSTON AVE RESURFACING
SUMMARY OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	56	5
CONTRACT NO. 62G77				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

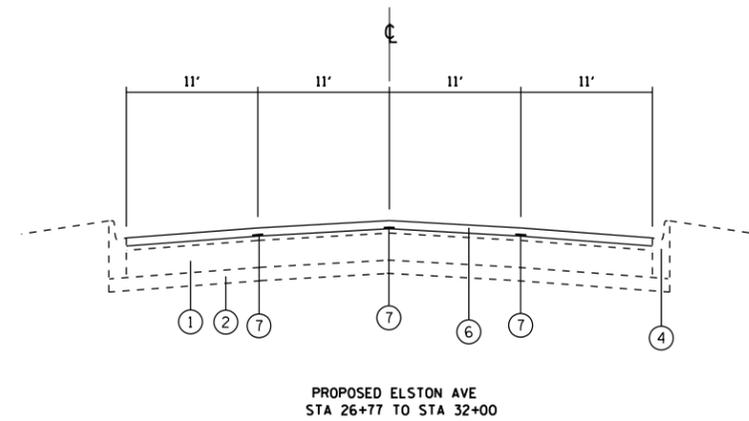
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△ NON-PARTICIPATING ITEM



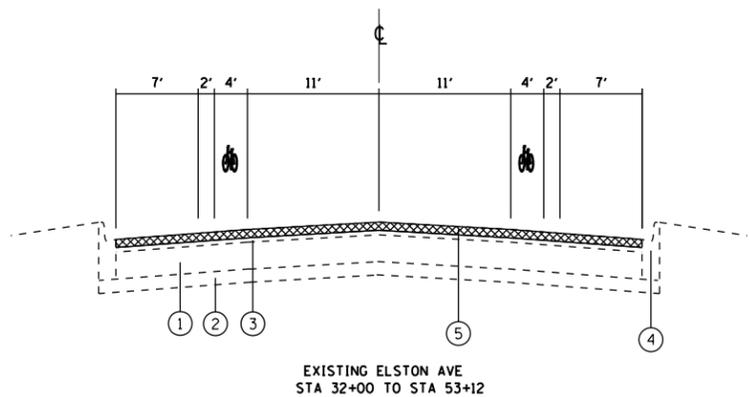
EXISTING ELSTON AVE
STA 26+77 TO STA 32+00

LEGEND

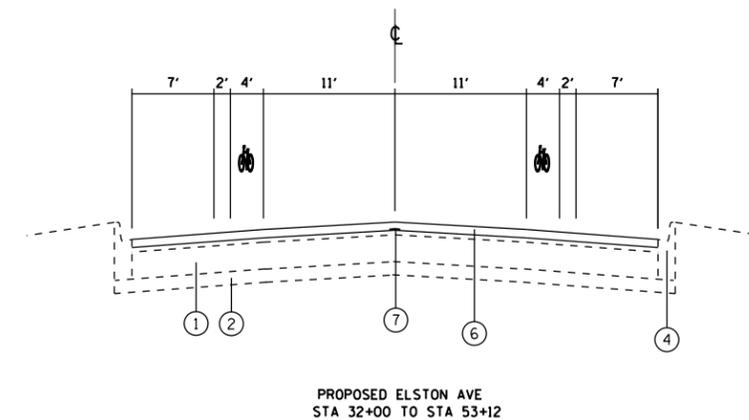
- ① EXISTING PCC PAVEMENT 9"
- ② EXISTING SUB-BASE GRANULAR MATERIAL
- ③ EXISTING HMA SURFACE, 3"±
- ④ EXIST CC&G B6.24
- ⑤ PROPOSED HMA SURFACE REMOVAL, 1¾"
- ⑥ PROPOSED POLY. HMA SURF. CSE. MIX 'E', N70, 1¾"
- ⑦ PROPOSED LONGITUDINAL JOINT SEALANT



PROPOSED ELSTON AVE
STA 26+77 TO STA 32+00



EXISTING ELSTON AVE
STA 32+00 TO STA 53+12



PROPOSED ELSTON AVE
STA 32+00 TO STA 53+12

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS (%) @ NDES	
RESURFACING MAINLINE:		
POLY HMA SURFACE COURSE MIX 'E', N70, 1¾"	4.0% @ 70 GYR.	OCP
HOT-MIX ASPHALT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC/OA
QMP DESIGNATION QUALITY CONTROL/QUALITY ASSURANCE (QC/OA) QUALITY CONTROL FOR PERFORMANCE (QCP)		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 POUND PER SQUARE YARD-INCH

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 PROVISIONS".

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

NOTES:

- THIS PROJECT WILL REQUIRE MILLING BEFORE PATCHING
- HMA LONGITUDINAL JOINT SEALANT SHALL BE APPLIED OVER THE MILLED SURFACE WHERE THE SURFACE JOINT WILL BE LOCATED.

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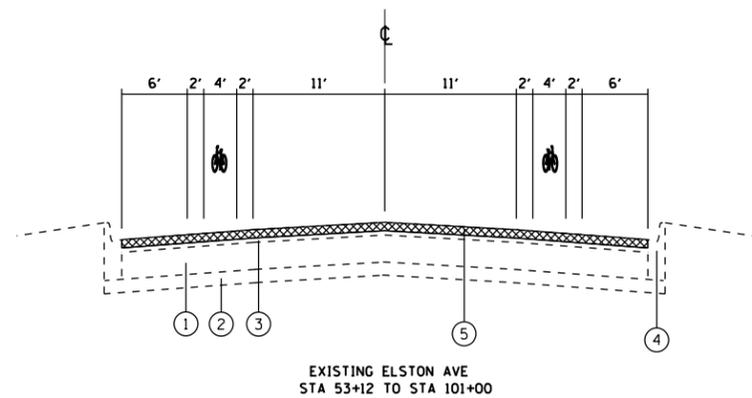
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
ELSTON AVE. FROM I-94 TO CENTRAL PARK AV

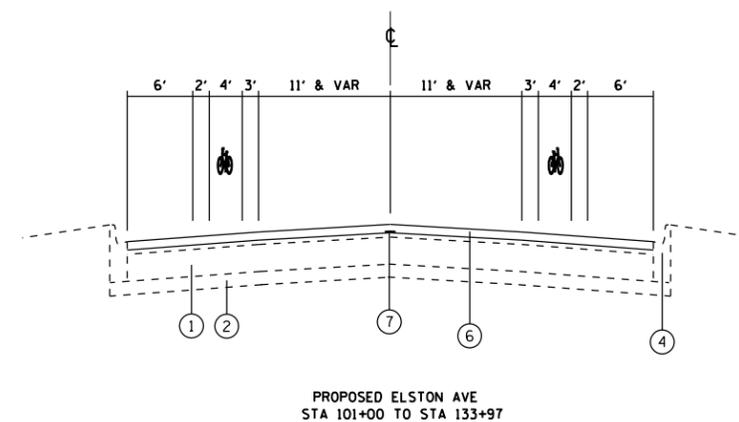
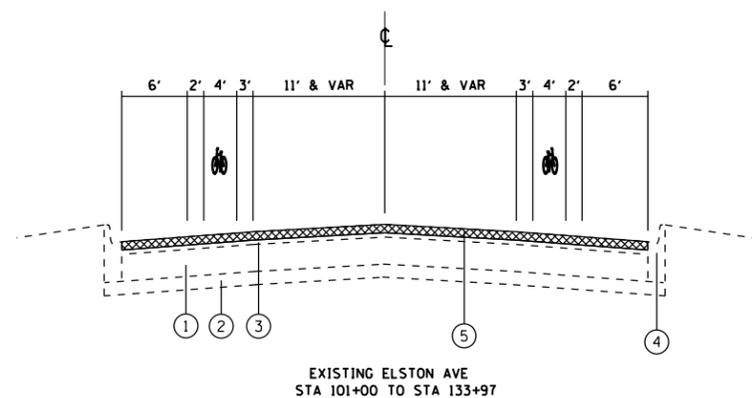
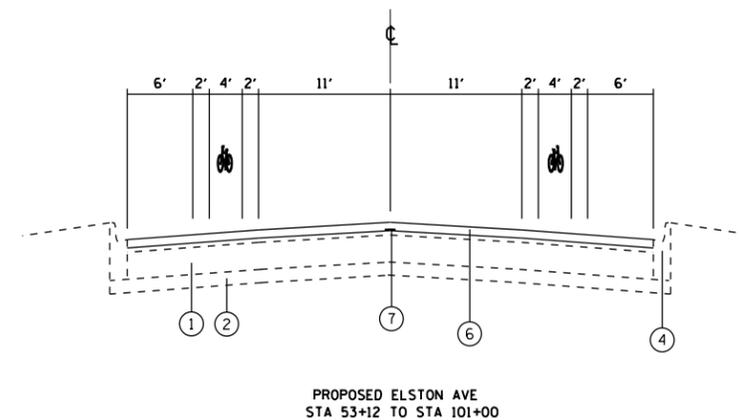
SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	6
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① EXISTING PCC PAVEMENT 9"
- ② EXISTING SUB-BASE GRANULAR MATERIAL
- ③ EXISTING HMA SURFACE, 3"±
- ④ EXIST CC&G B6.24
- ⑤ PROPOSED HMA SURFACE REMOVAL, 1¾"
- ⑥ PROPOSED POLY. HMA SURF. CSE. MIX 'E', N70, 1¾"
- ⑦ PROPOSED LONGITUDINAL JOINT SEALANT



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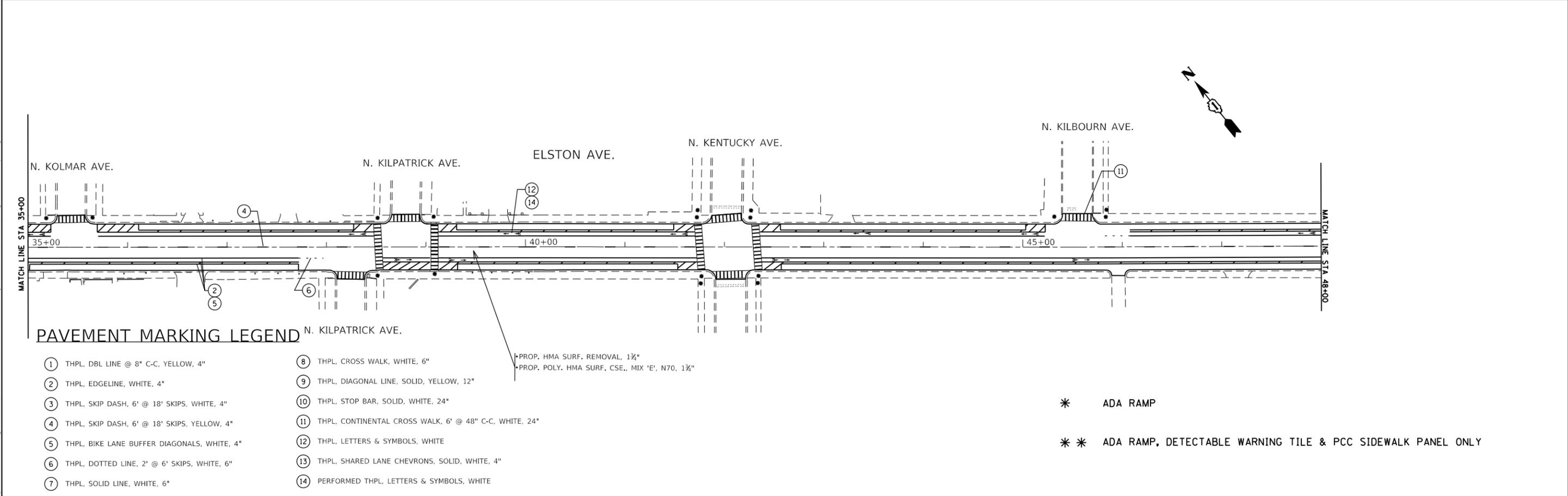
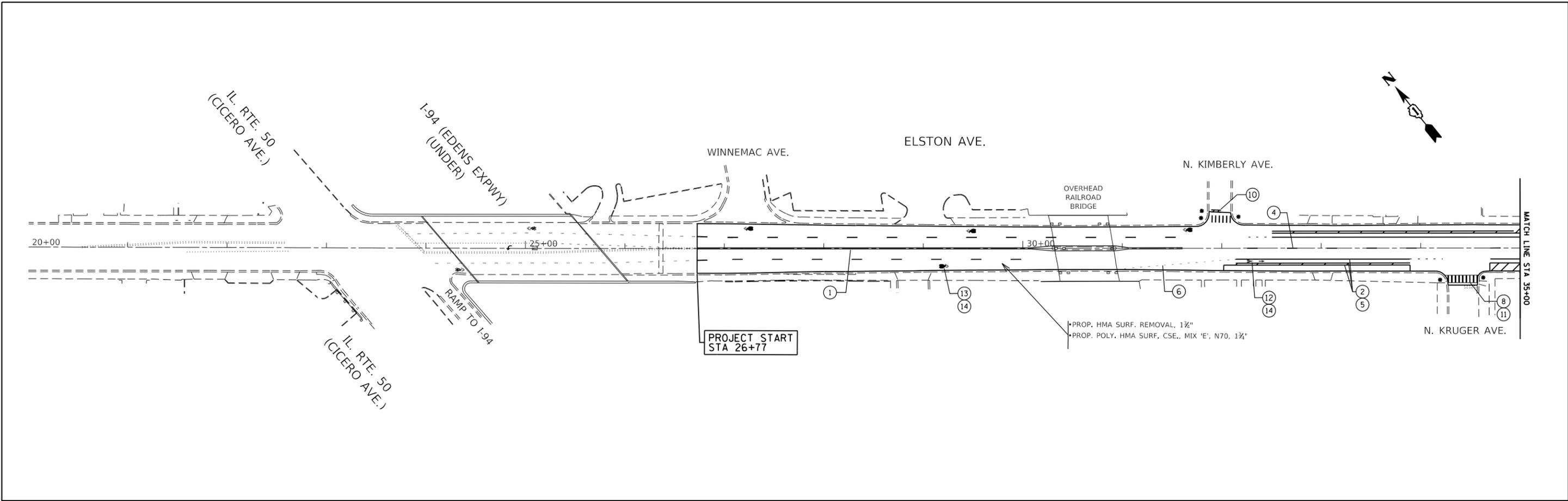
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
ELSTON AVE. FROM I-94 TO CENTRAL PARK AV

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G77	



PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① THPL, DBL LINE @ 8" C-C, YELLOW, 4" | ⑧ THPL, CROSS WALK, WHITE, 6" |
| ② THPL, EDGELINE, WHITE, 4" | ⑨ THPL, DIAGONAL LINE, SOLID, YELLOW, 12" |
| ③ THPL, SKIP DASH, 6' @ 18' SKIPS, WHITE, 4" | ⑩ THPL, STOP BAR, SOLID, WHITE, 24" |
| ④ THPL, SKIP DASH, 6' @ 18' SKIPS, YELLOW, 4" | ⑪ THPL, CONTINENTAL CROSS WALK, 6' @ 48" C-C, WHITE, 24" |
| ⑤ THPL, BIKE LANE BUFFER DIAGONALS, WHITE, 4" | ⑫ THPL, LETTERS & SYMBOLS, WHITE |
| ⑥ THPL, DOTTED LINE, 2' @ 6' SKIPS, WHITE, 6" | ⑬ THPL, SHARED LANE CHEVRONS, SOLID, WHITE, 4" |
| ⑦ THPL, SOLID LINE, WHITE, 6" | ⑭ PERFORMED THPL, LETTERS & SYMBOLS, WHITE |

* ADA RAMP
 * * ADA RAMP, DETECTABLE WARNING TILE & PCC SIDEWALK PANEL ONLY

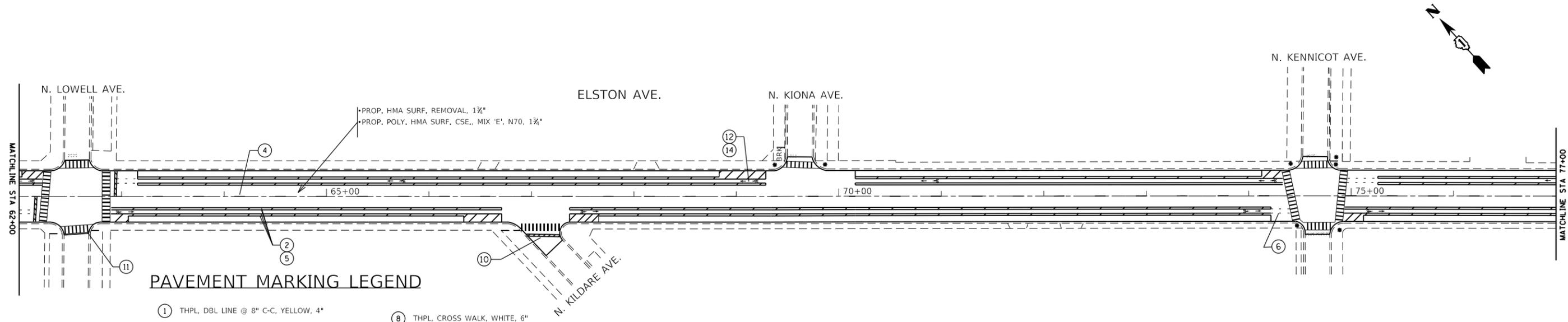
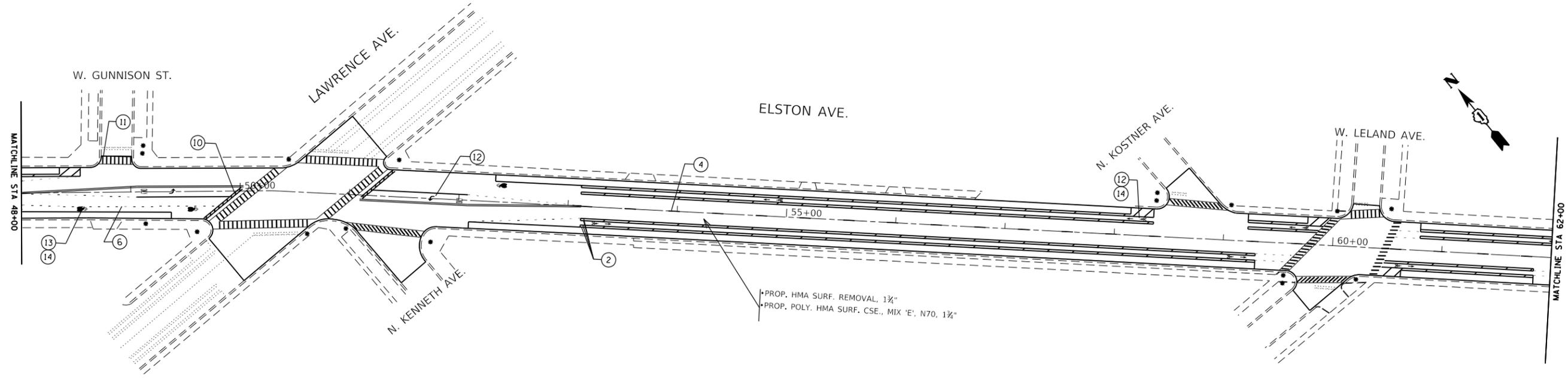
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ELSTON AVE RESURFACING FROM I-94 TO CENTRAL PARK AVE.			
SCALE: 1" = 50'	SHEET	OF	SHEETS
	STA. 26+77		TO STA. 48+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	8
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① THPL, DBL LINE @ 8" C-C, YELLOW, 4" | ⑧ THPL, CROSS WALK, WHITE, 6" |
| ② THPL, EDGELINE, WHITE, 4" | ⑨ THPL, DIAGONAL LINE, SOLID, YELLOW, 12" |
| ③ THPL, SKIP DASH, 6' @ 18' SKIPS, WHITE, 4" | ⑩ THPL, STOP BAR, SOLID, WHITE, 24" |
| ④ THPL, SKIP DASH, 6' @ 18' SKIPS, YELLOW, 4" | ⑪ THPL, CONTINENTAL CROSS WALK, 6' @ 48" C-C, WHITE, 24" |
| ⑤ THPL, BIKE LANE BUFFER DIAGONALS, WHITE, 4" | ⑫ THPL, LETTERS & SYMBOLS, WHITE |
| ⑥ THPL, DOTTED LINE, 2' @ 6' SKIPS, WHITE, 6" | ⑬ THPL, SHARED LANE CHEVRONS, SOLID, WHITE, 4" |
| ⑦ THPL, SOLID LINE, WHITE, 6" | ⑭ PERFORMED THPL, LETTERS & SYMBOLS, WHITE |

- * ADA RAMP
- ** ADA RAMP, DETECTABLE WARNING TILE & PCC SIDEWALK PANEL ONLY

MODEL: Default
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 DATE: 3/26/2019

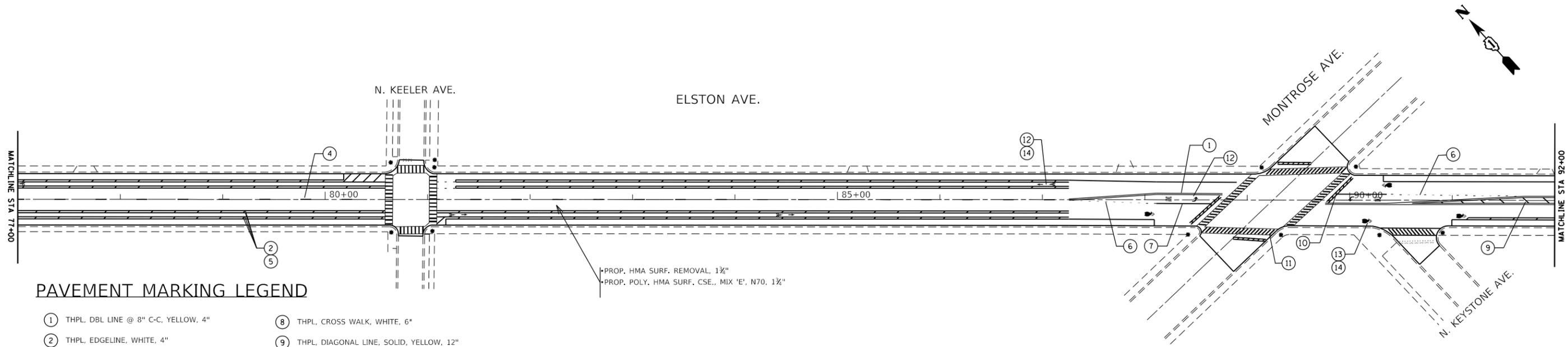
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELSTON AVE RESURFACING
FROM I-94 TO CENTRAL PARK AVE.**

SCALE: 1" = 50' SHEET OF SHEETS STA. 48+00 TO STA. 77+00

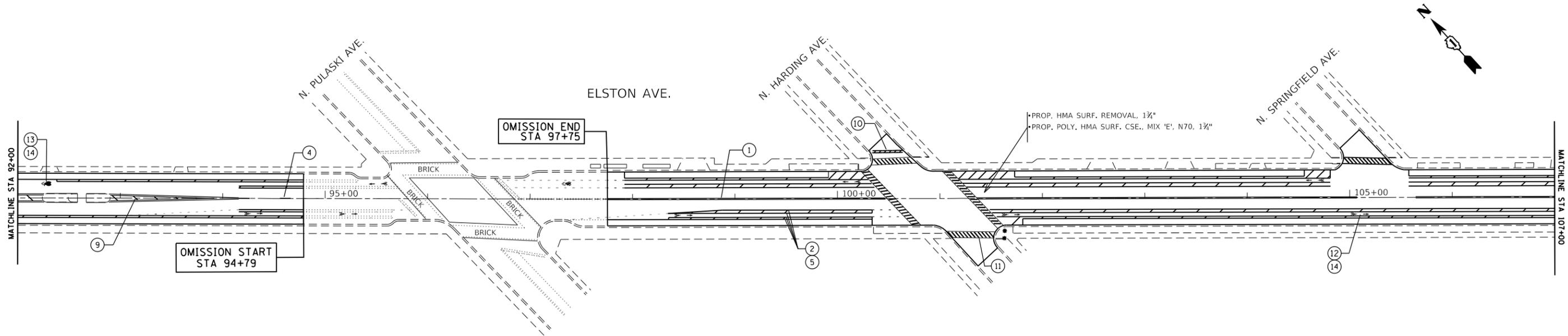
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	9
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① THPL. DBL LINE @ 8" C-C, YELLOW, 4" | ⑧ THPL. CROSS WALK, WHITE, 6" |
| ② THPL. EDGELINE, WHITE, 4" | ⑨ THPL. DIAGONAL LINE, SOLID, YELLOW, 12" |
| ③ THPL. SKIP DASH, 6' @ 18' SKIPS, WHITE, 4" | ⑩ THPL. STOP BAR, SOLID, WHITE, 24" |
| ④ THPL. SKIP DASH, 6' @ 18' SKIPS, YELLOW, 4" | ⑪ THPL. CONTINENTAL CROSS WALK, 6' @ 48" C-C, WHITE, 24" |
| ⑤ THPL. BIKE LANE BUFFER DIAGONALS, WHITE, 4" | ⑫ THPL. LETTERS & SYMBOLS, WHITE |
| ⑥ THPL. DOTTED LINE, 2' @ 6' SKIPS, WHITE, 6" | ⑬ THPL. SHARED LANE CHEVRONS, SOLID, WHITE, 4" |
| ⑦ THPL. SOLID LINE, WHITE, 6" | ⑭ PERFORMED THPL, LETTERS & SYMBOLS, WHITE |

•PROP. HMA SURF. REMOVAL, 1¾"
 •PROP. POLY. HMA SURF. CSE., MIX 'E', N70, 1¾"



OMISSION START
STA 94+79

OMISSION END
STA 97+75

•PROP. HMA SURF. REMOVAL, 1¾"
 •PROP. POLY. HMA SURF. CSE., MIX 'E', N70, 1¾"

- * ADA RAMP
- ** ADA RAMP, DETECTABLE WARNING TILE & PCC SIDEWALK PANEL ONLY

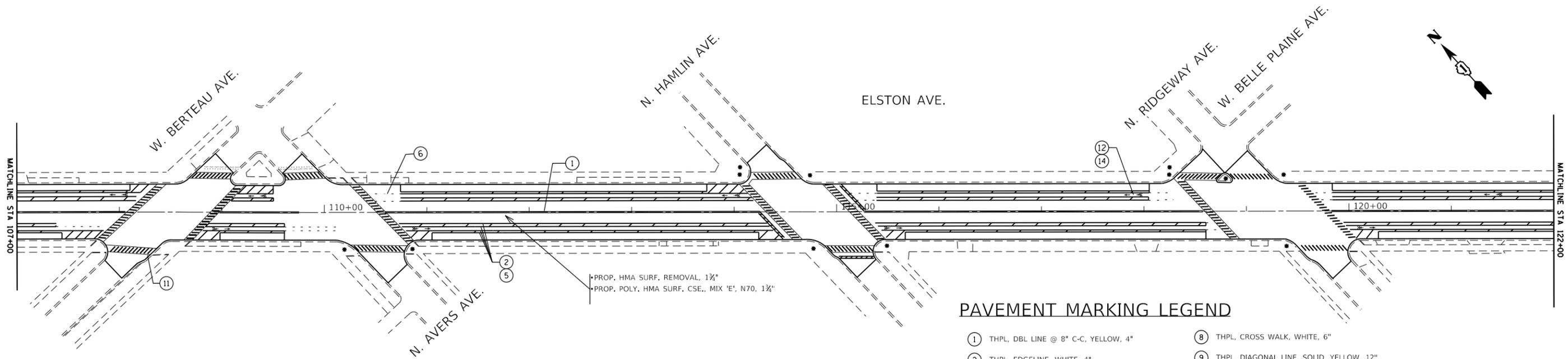
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PLOT DATE = 3/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ELSTON AVE RESURFACING FROM I-94 TO CENTRAL PARK AVE.			
SCALE: 1" = 50'	SHEET	OF	SHEETS
	STA. 77+00		TO STA. 107+00

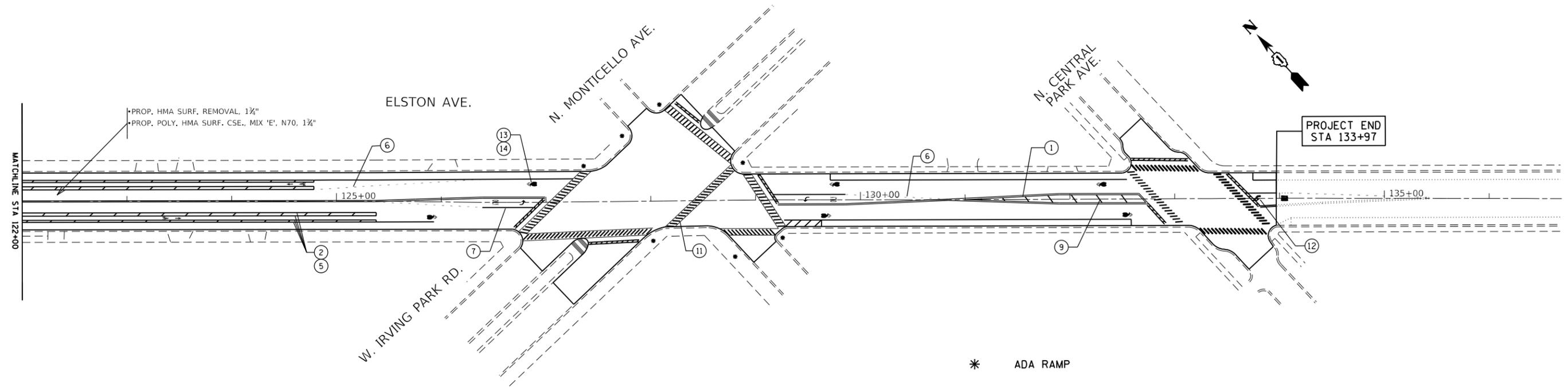
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	10
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



•PROP. HMA SURF. REMOVAL, 1 3/4"
 •PROP. POLY. HMA SURF. CSE., MIX 'E', N70, 1 3/4"

PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① THPL, DBL LINE @ 8" C-C, YELLOW, 4" | ⑧ THPL, CROSS WALK, WHITE, 6" |
| ② THPL, EDGELINE, WHITE, 4" | ⑨ THPL, DIAGONAL LINE, SOLID, YELLOW, 12" |
| ③ THPL, SKIP DASH, 6' @ 18' SKIPS, WHITE, 4" | ⑩ THPL, STOP BAR, SOLID, WHITE, 24" |
| ④ THPL, SKIP DASH, 6' @ 18' SKIPS, YELLOW, 4" | ⑪ THPL, CONTINENTAL CROSS WALK, 6' @ 48" C-C, WHITE, 24" |
| ⑤ THPL, BIKE LANE BUFFER DIAGONALS, WHITE, 4" | ⑫ THPL, LETTERS & SYMBOLS, WHITE |
| ⑥ THPL, DOTTED LINE, 2' @ 6' SKIPS, WHITE, 6" | ⑬ THPL, SHARED LANE CHEVRONS, SOLID, WHITE, 4" |
| ⑦ THPL, SOLID LINE, WHITE, 6" | ⑭ PERFORMED THPL, LETTERS & SYMBOLS, WHITE |



•PROP. HMA SURF. REMOVAL, 1 3/4"
 •PROP. POLY. HMA SURF. CSE., MIX 'E', N70, 1 3/4"

- * ADA RAMP
- ** ADA RAMP, DETECTABLE WARNING TILE & PCC SIDEWALK PANEL ONLY

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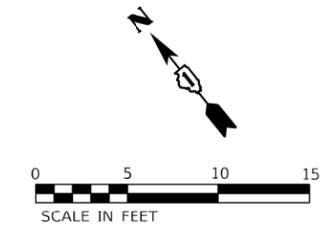
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PLOT DATE = 3/26/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

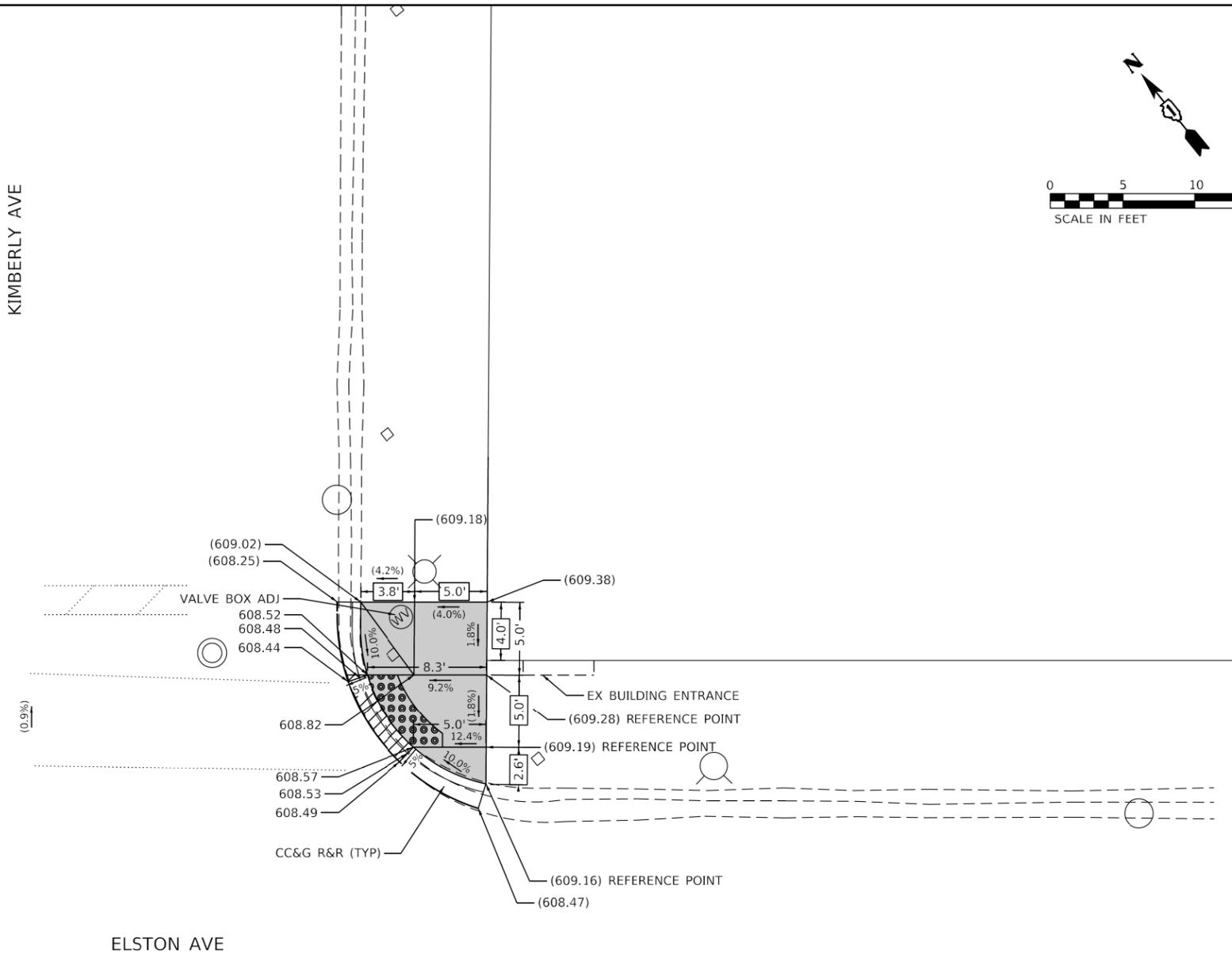
**ELSTON AVE RESURFACING
 FROM I-94 TO CENTRAL PARK AVE.**

SCALE: 1" = 50' SHEET OF SHEETS STA. 107+00 TO STA. 133+97

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	11
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



KIMBERLY AVE



ELSTON AVE

NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Grid Pattern Box] DETECTABLE WARNINGS (SPECIAL)
- [Cross-hatch Pattern Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Line Pattern Box] DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 447 EL 608.68 (NOT SHOWN)
 BENCHMARK: CHISELED SQUARE ON CONC STEP OF HOUSE S OF BRIDGE
 LOCATION: W SIDE ELSTON AVE AND KIMBERLY AVE

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PLOT SCALE = 10.0000' / 1"	CHECKED - RG	REVISED -
PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 ELSTON AVE AT N KIMBERLY AVE**

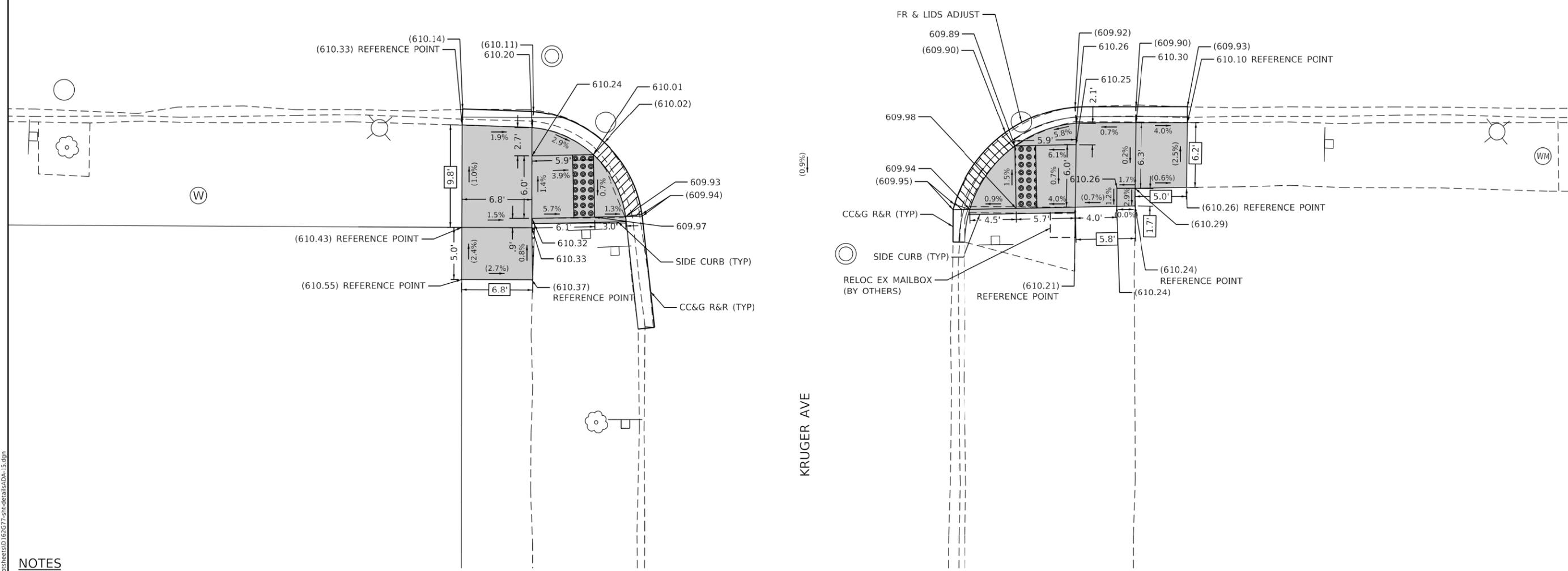
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G77	



ELSTON AVE

KRUGER AVE



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS (SPECIAL)
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

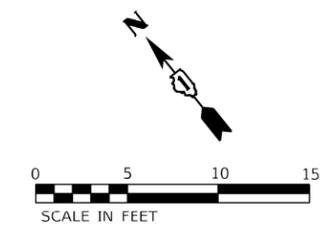
REFERENCE BENCHMARK 445 EL 611.15 (NOT SHOWN)
 BENCHMARK: CHISELED SQUARE ON NE CONC WALL
 LOCATION: W SIDE OF ELSTON AVE AND KOLMAR AVE

MODEL: Default
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

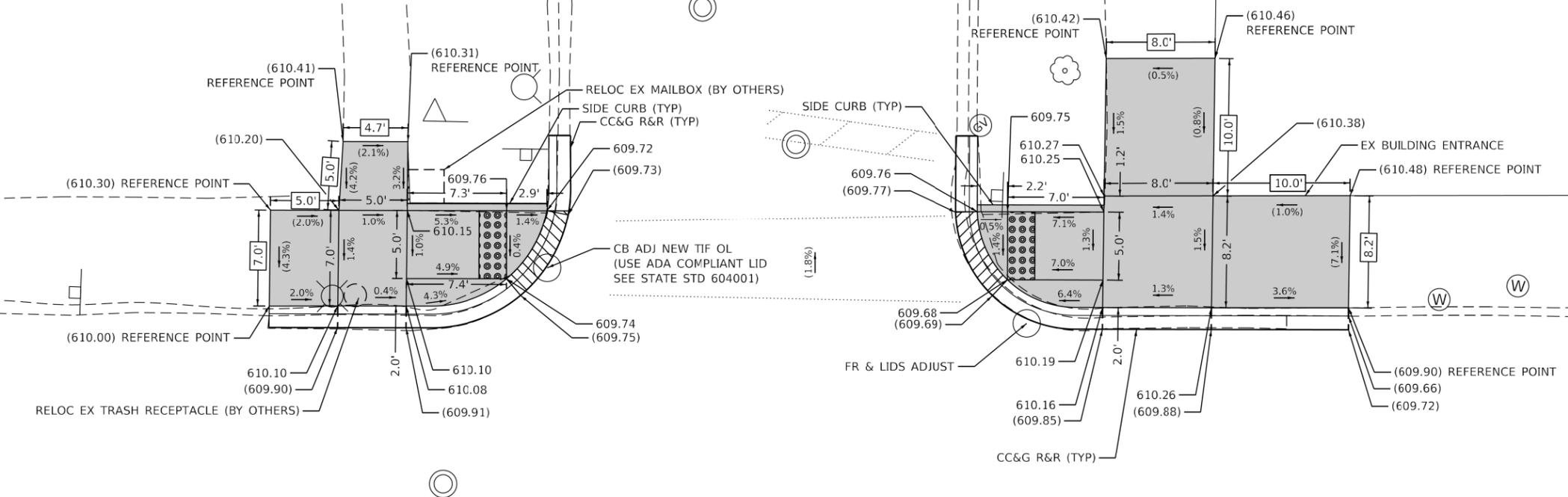
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS ELSTON AVE AT N KRUGER AVE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		3528	2018-013-R5-SW	COOK	56	14
SCALE:		SHEET OF SHEETS		STA. TO STA.		CONTRACT NO. 62G77
				ILLINOIS FED. AID PROJECT		



KOLMAR AVE

ELSTON AVE



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Gray Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS (SPECIAL)
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 445 EL 611.15 (NOT SHOWN)
 BENCHMARK: CHISELED SQUARE ON NE CONC WALL
 LOCATION: W SIDE OF ELSTON AVE AND KOLMAR AVE

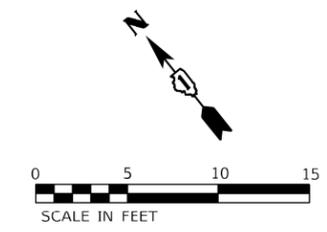
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

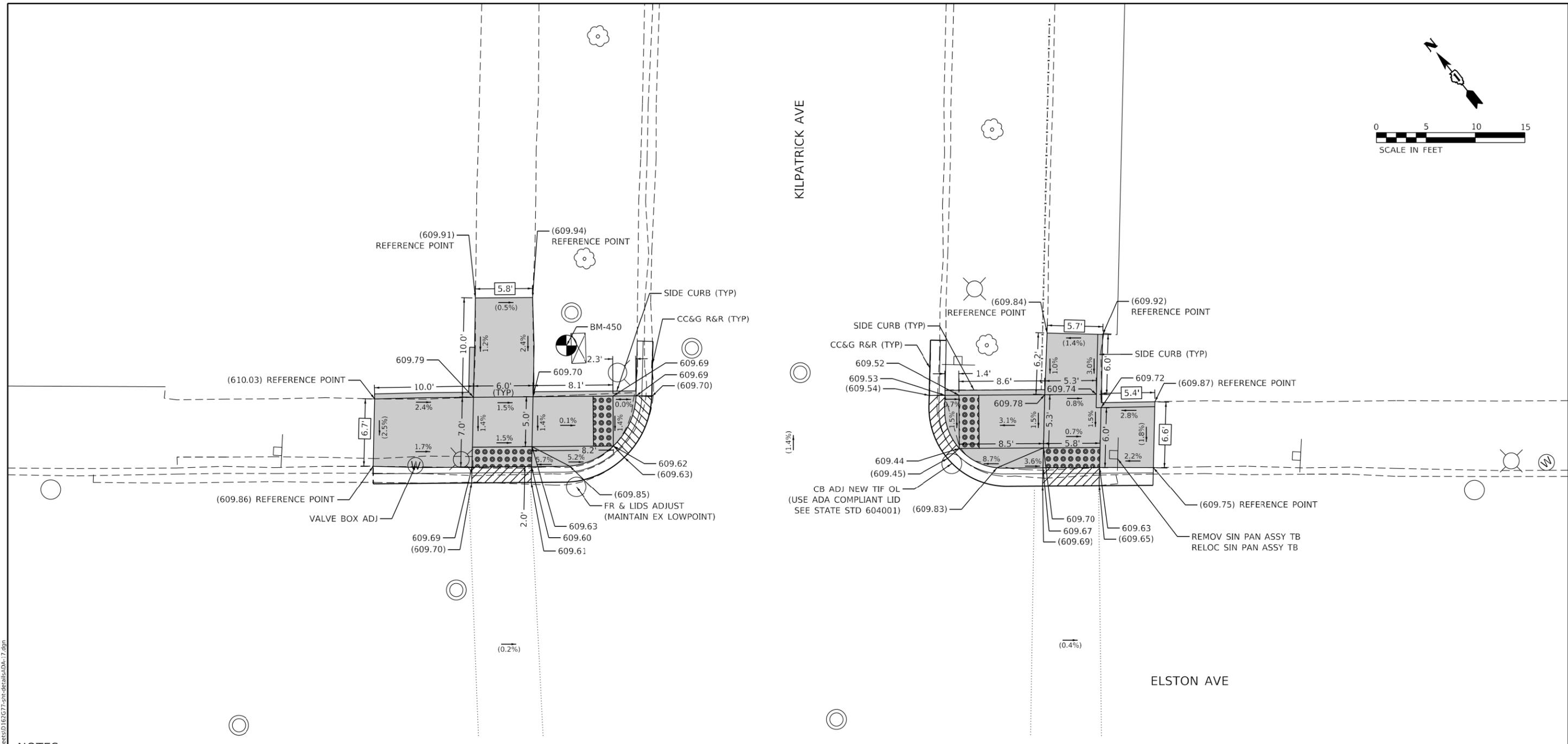
ADA RAMP DETAILS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ELSTON AVE AT N KOLMAR AVE		3528	2018-013-R5-SW	COOK	56	15
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

CONTRACT NO. 62G77	
ILLINOIS	FED. AID PROJECT



KILPATRICK AVE

ELSTON AVE



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK 450 EL 610.16
 BENCHMARK: CHISELED SQUARE ON TRAFFIC CONTROLLER BASE
 LOCATION: NW COR ELSTON AVE AND KILPATRICK AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Gray Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS (SPECIAL)
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

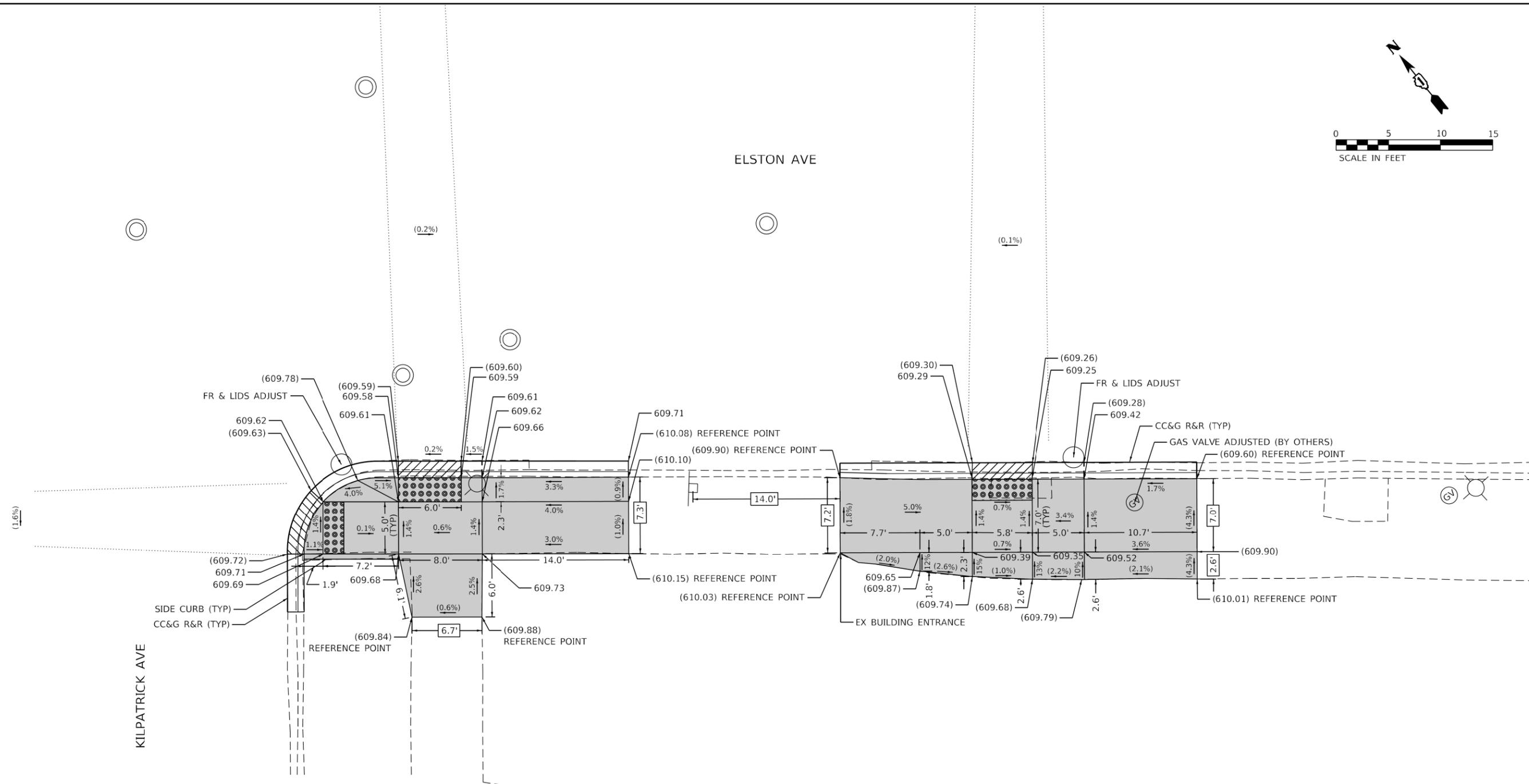
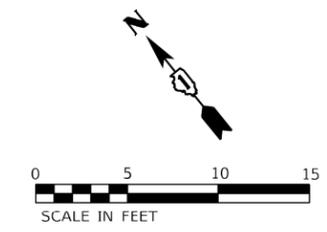
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
ELSTON AVE AT N KILPATRICK AVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	16
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK 450 EL 610.16
 BENCHMARK: CHISELED SQUARE ON TRAFFIC CONTROLLER BASE
 LOCATION: NW COR ELSTON AVE AND KILPATRICK AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

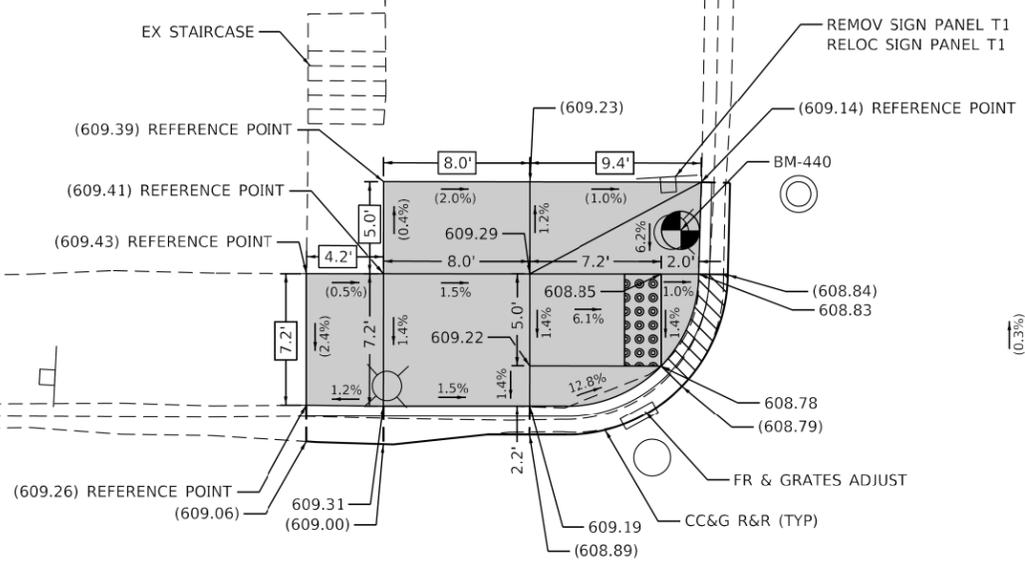
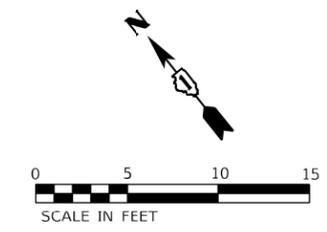
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 ELSTON AVE AT N KILPATRICK AVE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	17
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

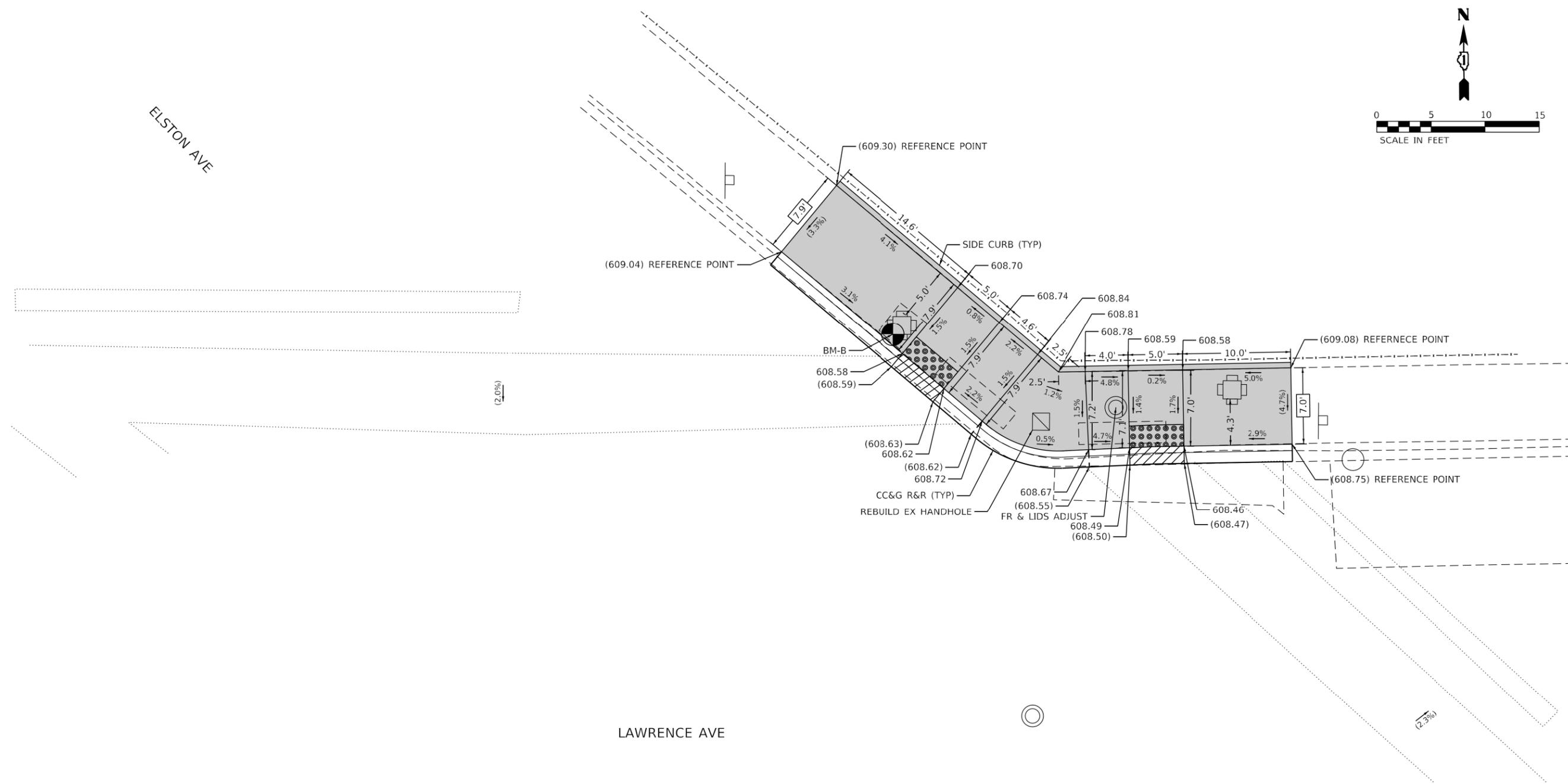
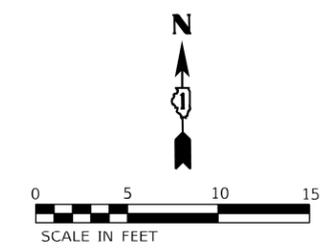
REFERENCE BENCHMARK 440 EL 610.24
 BENCHMARK: CUT X ON FH BOLT
 LOCATION: NW COR ELSTON AVE AND KILBOURNE AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

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SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

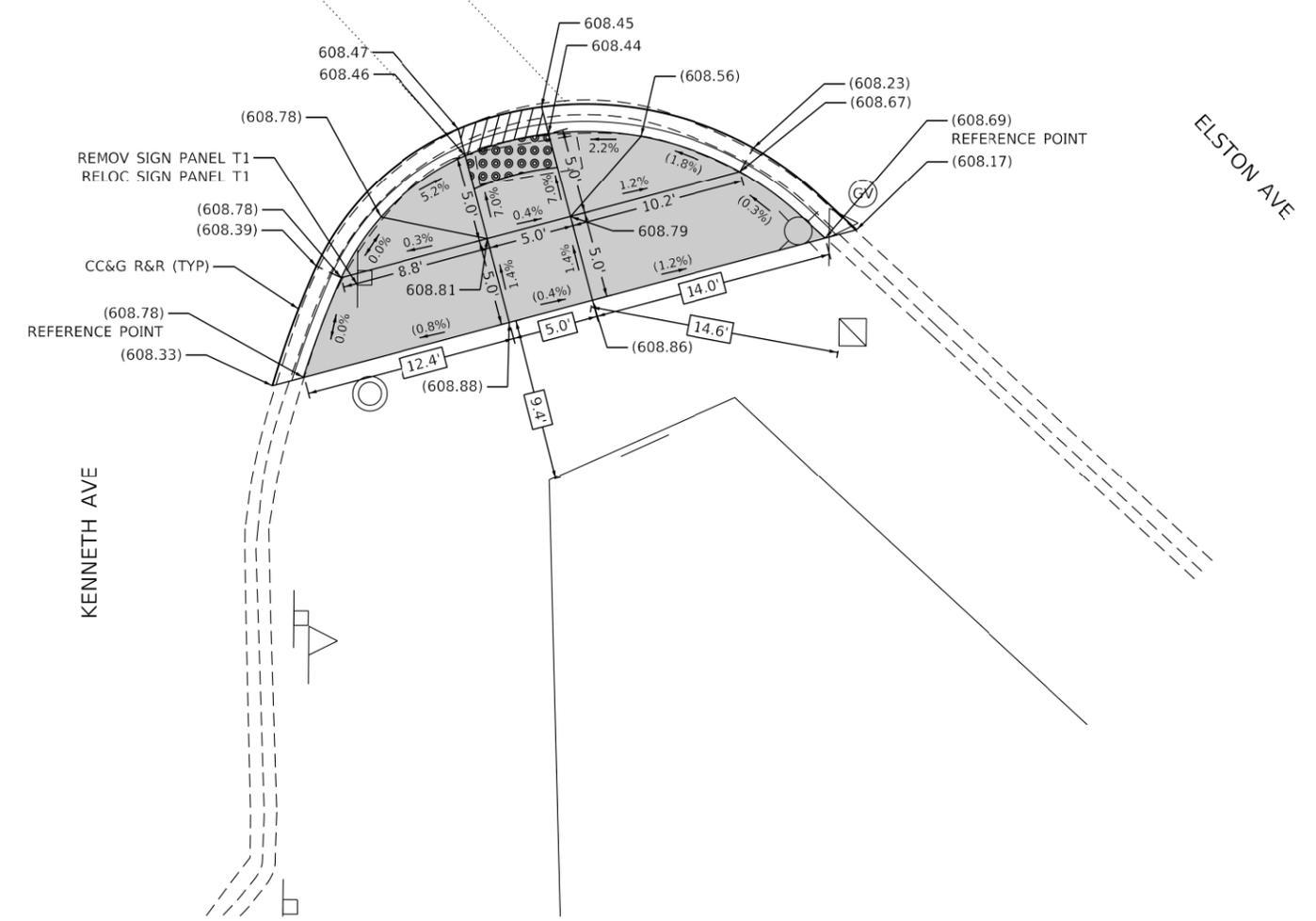
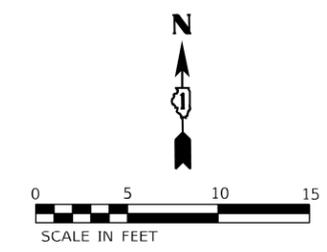
LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK B EL 609.61
 BENCHMARK: TOP OF SE BOLT ON TS
 LOCATION: NE COR OF ELSTON AVE AND LAWRENCE AVE

MODEL: Default
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	PLOT SCALE = 10.0000' / 1"	CHECKED - RG	REVISED -					CONTRACT NO. 62G77				
	PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -					ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK A EL 609.24
 BENCHMARK: TOP OF NW BOLT ON TS
 LOCATION: SE COR OF ELSTON AVE AND LAWRENCE AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Gray Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS (SPECIAL)
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

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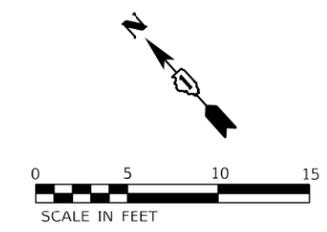
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 ELSTON AVE AT KENNETH AVE**

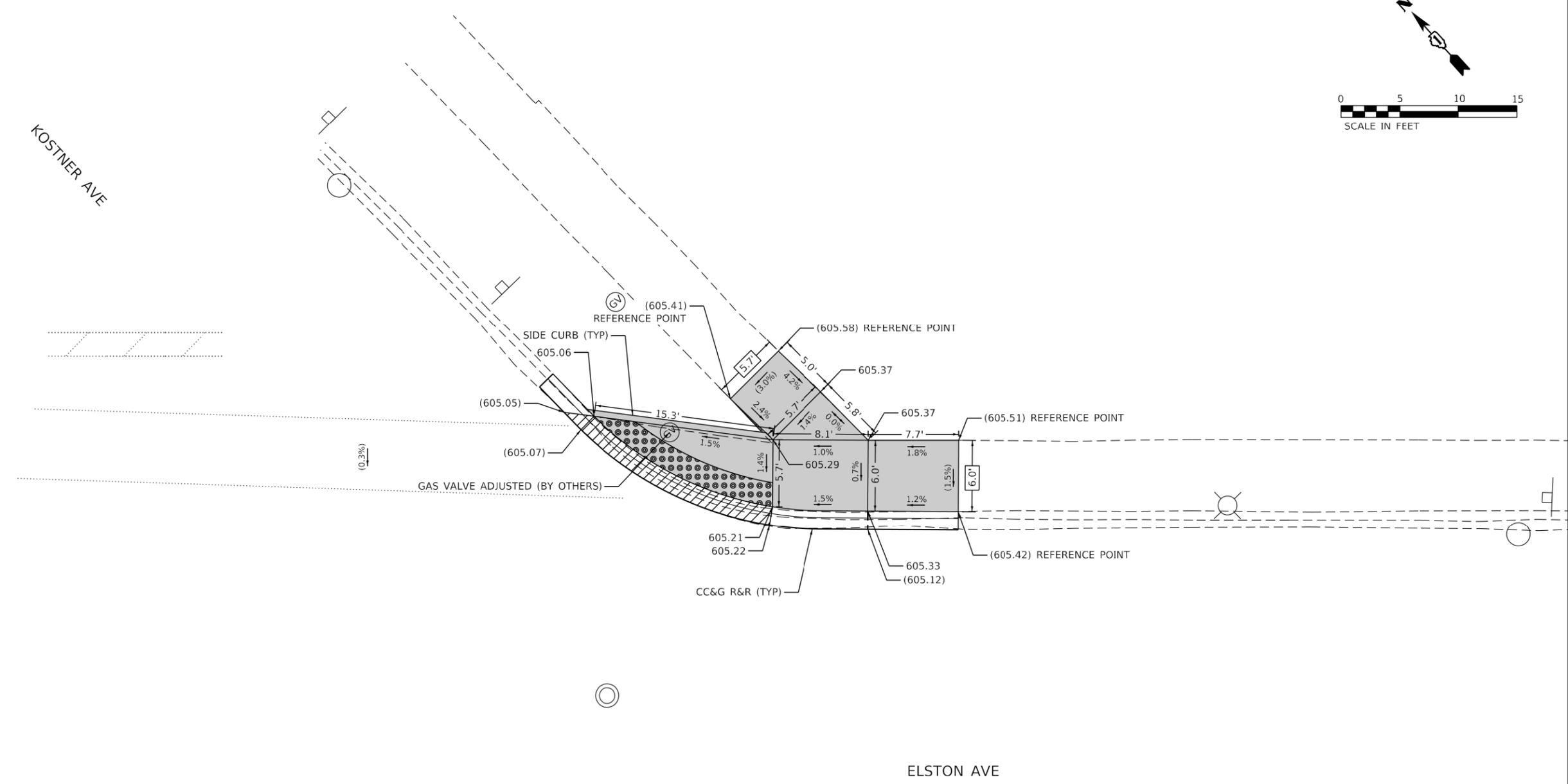
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	21
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



KOSTNER AVE



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

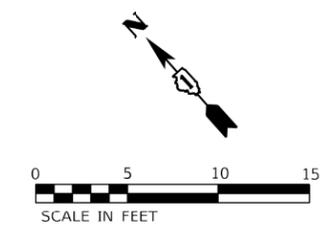
REFERENCE BENCHMARK 436 EL 606.83
 BENCHMARK: CHISELED SQUARE ON TOP OF WALL
 LOCATION: NW COR ELSTON AVE AND KOSTNER AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

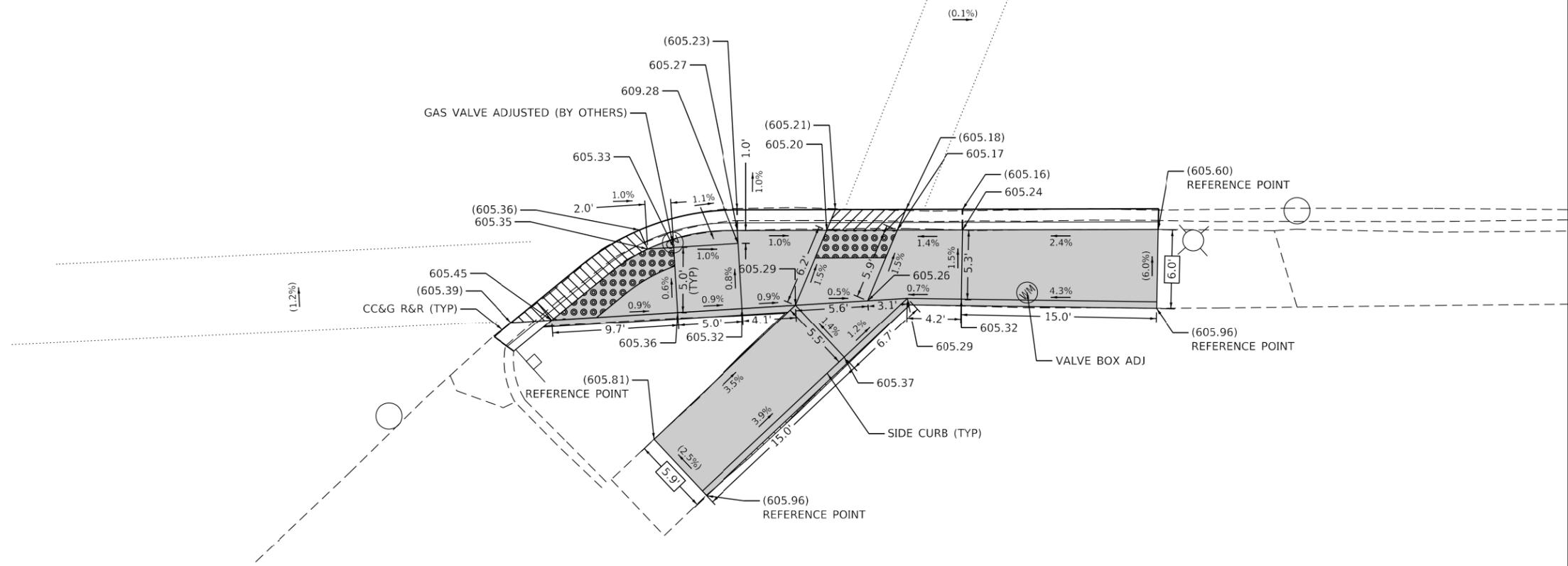
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	USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS ELSTON AVE AT N KOSTNER AVE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / 1"	CHECKED - RG	REVISED -		3528	2018-013-R5-SW	COOK	56	22				
	PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -		CONTRACT NO. 62G77				ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		



LELAND AVE

ELSTON AVE



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK 434 EL 606.16
 BENCHMARK: CUT X ON TRAFFIC CONTROLLER BOLT
 LOCATION: NW COR ELSTON AVE AND LELAND AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

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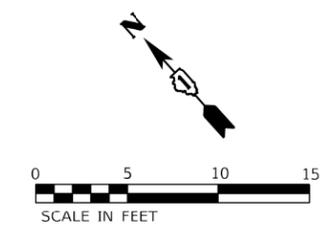
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 ELSTON AVE AT W LELAND AVE**

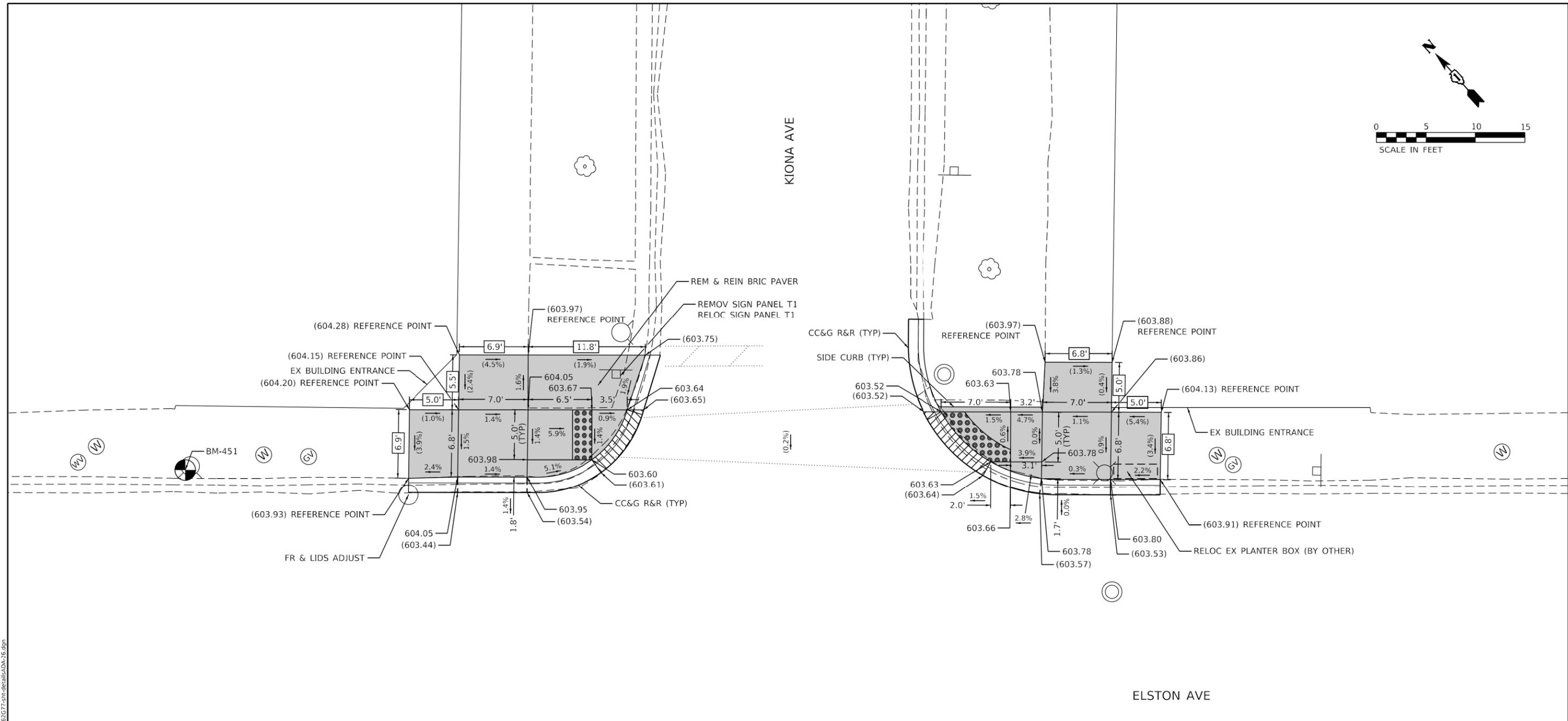
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G77	



KIONA AVE

ELSTON AVE



NOTES

1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
2. AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK 451 EL 605.44
 BENCHMARK: CUT X ON FH BOLT
 LOCATION: NW COR OF ELSTON AVE AND KIONA AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Grey Box]	PROPOSED SIDEWALK
[Dotted Pattern Box]	DETECTABLE WARNINGS (SPECIAL)
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

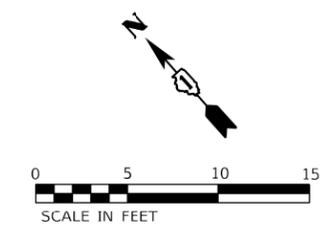
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

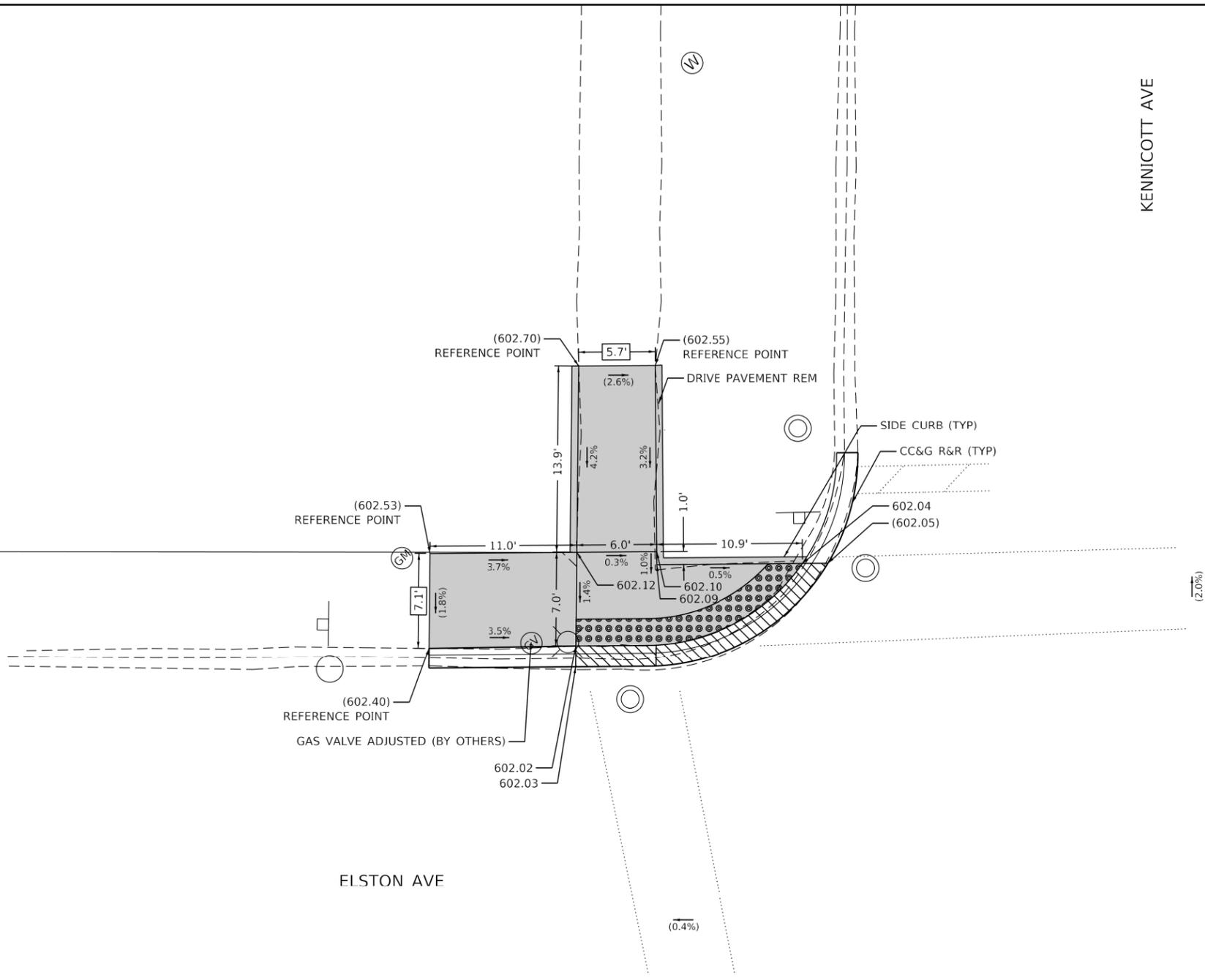
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS ELSTON AVE AT N KIONA AVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	25
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



KENNICOTT AVE



ELSTON AVE

NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Dotted Pattern Box] DETECTABLE WARNINGS (SPECIAL)
- [Cross-hatch Pattern Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Line Pattern Box] DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 428 EL 602.11
 BENCHMARK: CUT X ON SIGN BASE BOLT
 LOCATION: SE COR OF ELSTON AVE AND KENNICOTT AVE

MODEL: Default
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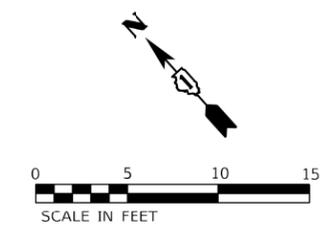
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

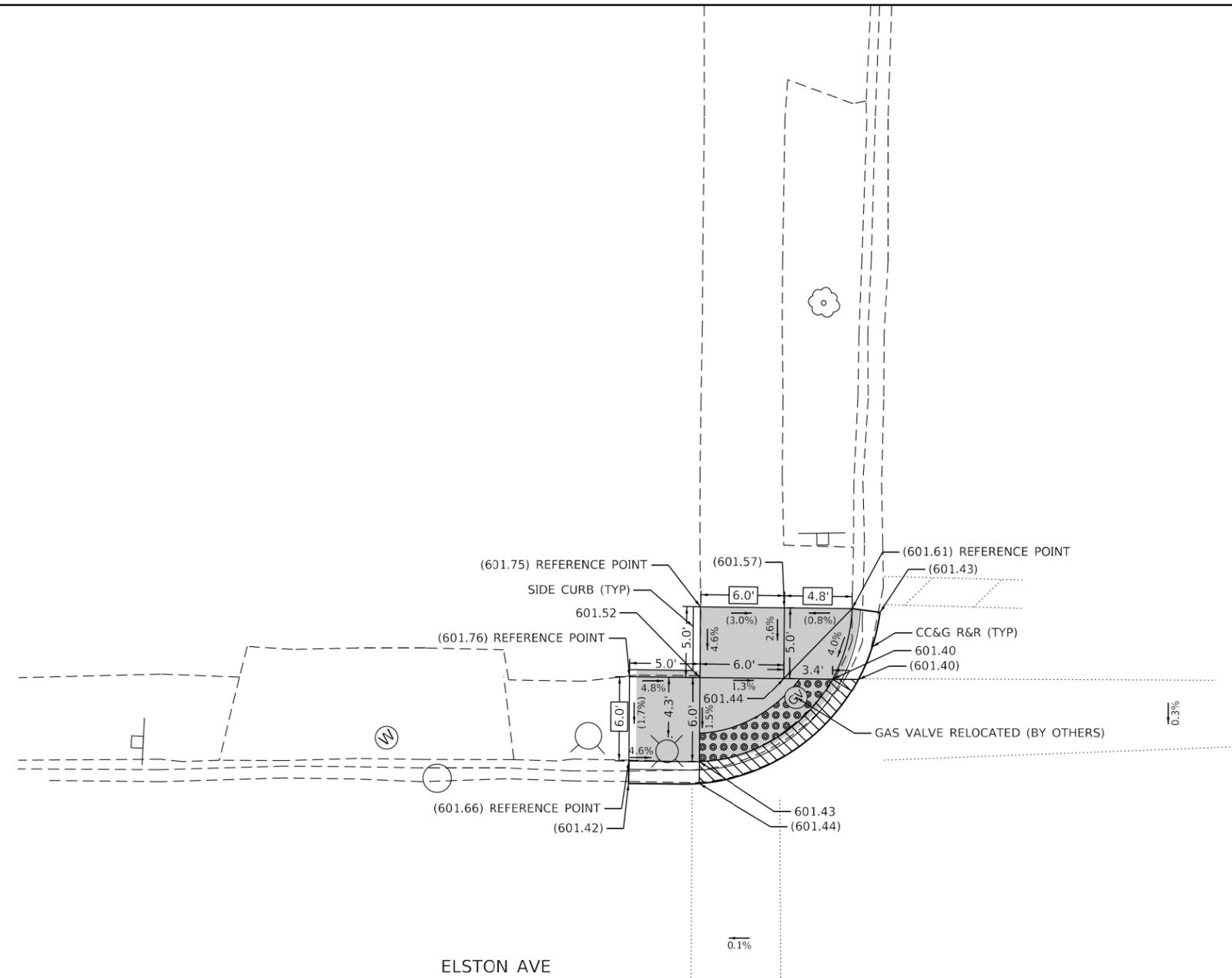
**ADA RAMP DETAILS
 ELSTON AVE AT N KENNICOTT AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	26
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



KEELER AVE



ELSTON AVE

NOTES

1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
2. AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Grey Box] PROPOSED SIDEWALK
- [Grid Pattern Box] DETECTABLE WARNINGS (SPECIAL)
- [Cross-hatch Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Lines Box] DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 425 EL 602.81
 BENCHMARK: NW COR BLDG FOUNDATION
 LOCATION: NE COR OF ELSTON AVE AND KEELER AVE

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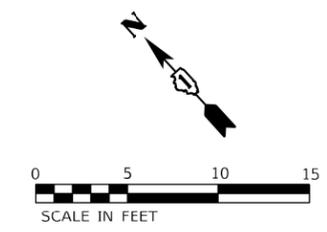
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 ELSTON AVE AT N KEELER AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

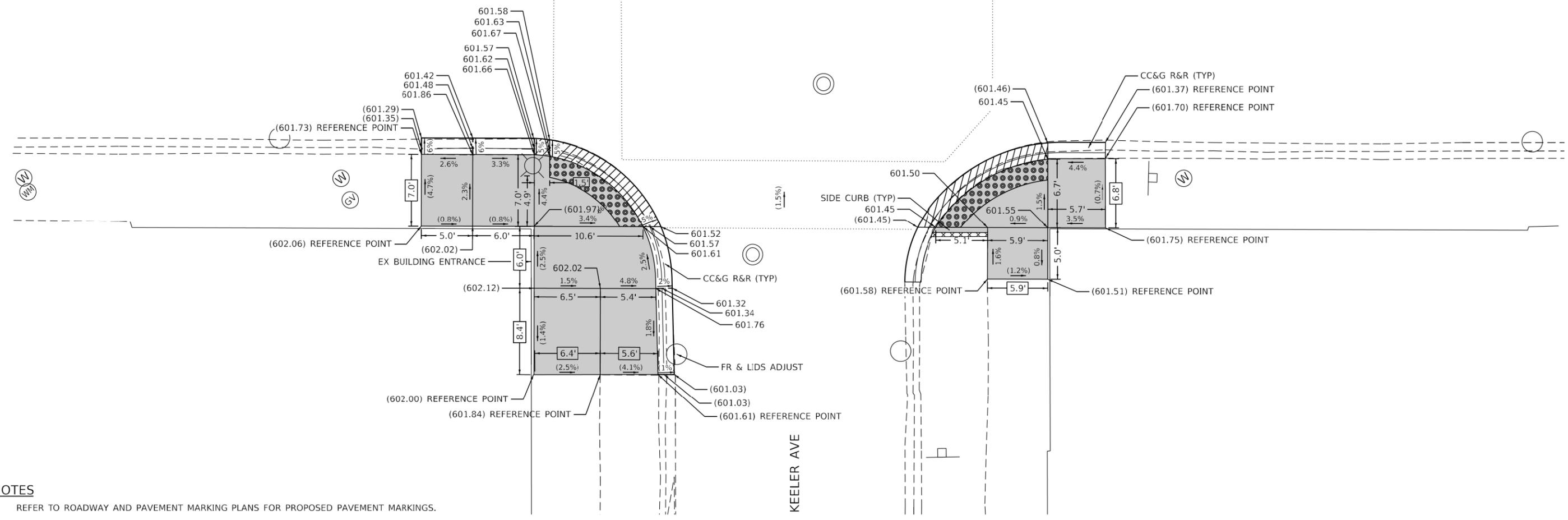
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G77	



ELSTON AVE

(1.5%)

(1.5%)



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Grey Box] PROPOSED SIDEWALK
- [Dotted Box] DETECTABLE WARNINGS (SPECIAL)
- [Cross-hatched Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Line Box] DEPRESSED CURB AND GUTTER

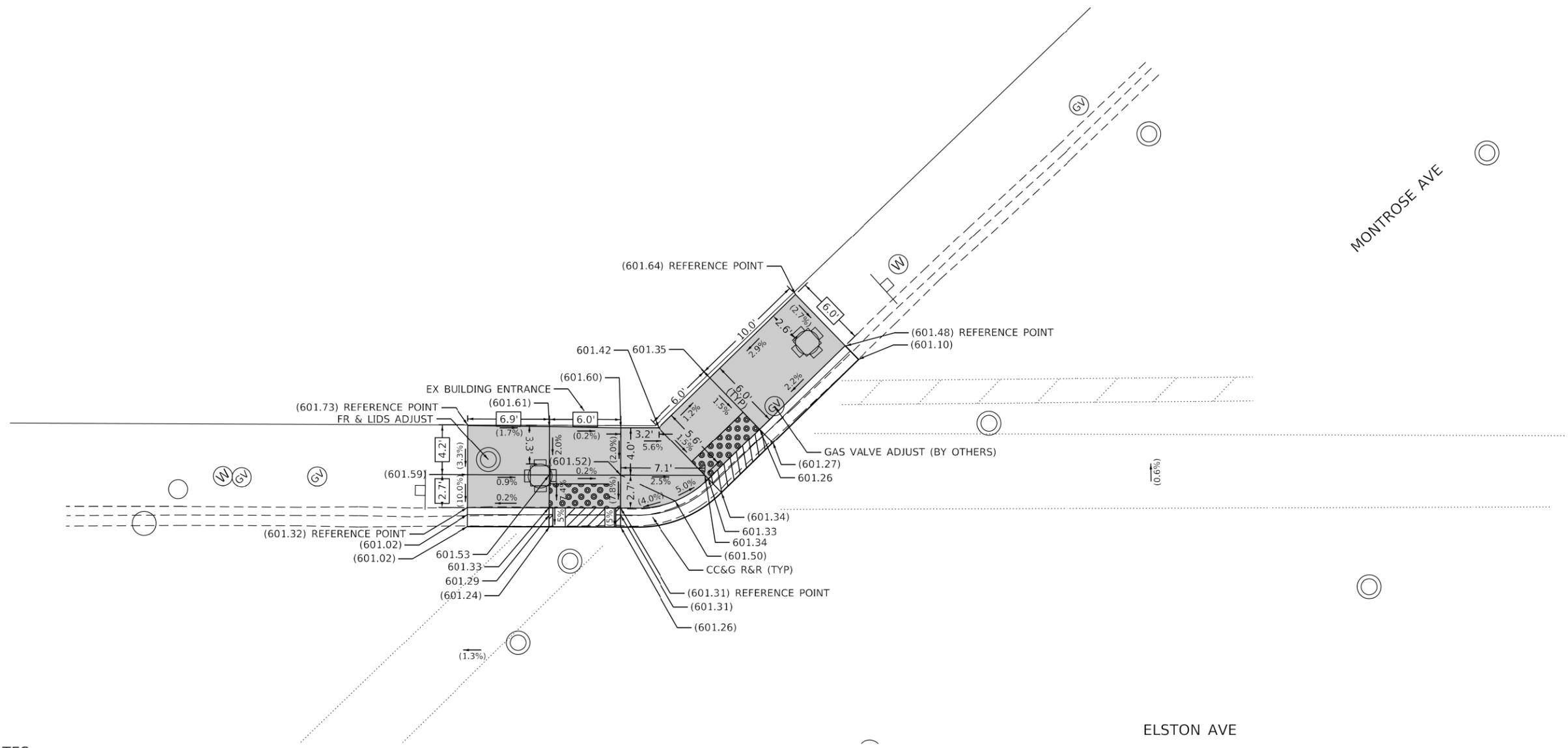
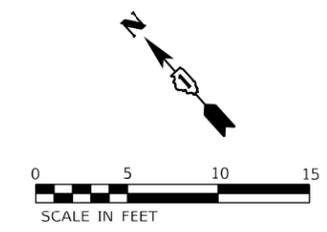
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 BENCHMARK: NW COR BLDG FOUNDATION
 LOCATION: NE COR OF ELSTON AVE AND KEELER AVE

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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS ELSTON AVE AT N KEELER AVE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		3528	2018-013-R5-SW	COOK	56	29
SCALE:		SHEET OF SHEETS		STA. TO STA.		CONTRACT NO. 62G77
				ILLINOIS FED. AID PROJECT		



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Grey Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS (SPECIAL)
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 420 EL 601.29
 BENCHMARK: SET X E SIDE OF ELEC VAULT LID
 LOCATION: NE COR OF ELSTON AVE AND MONTROSE AVE

MODEL: Default
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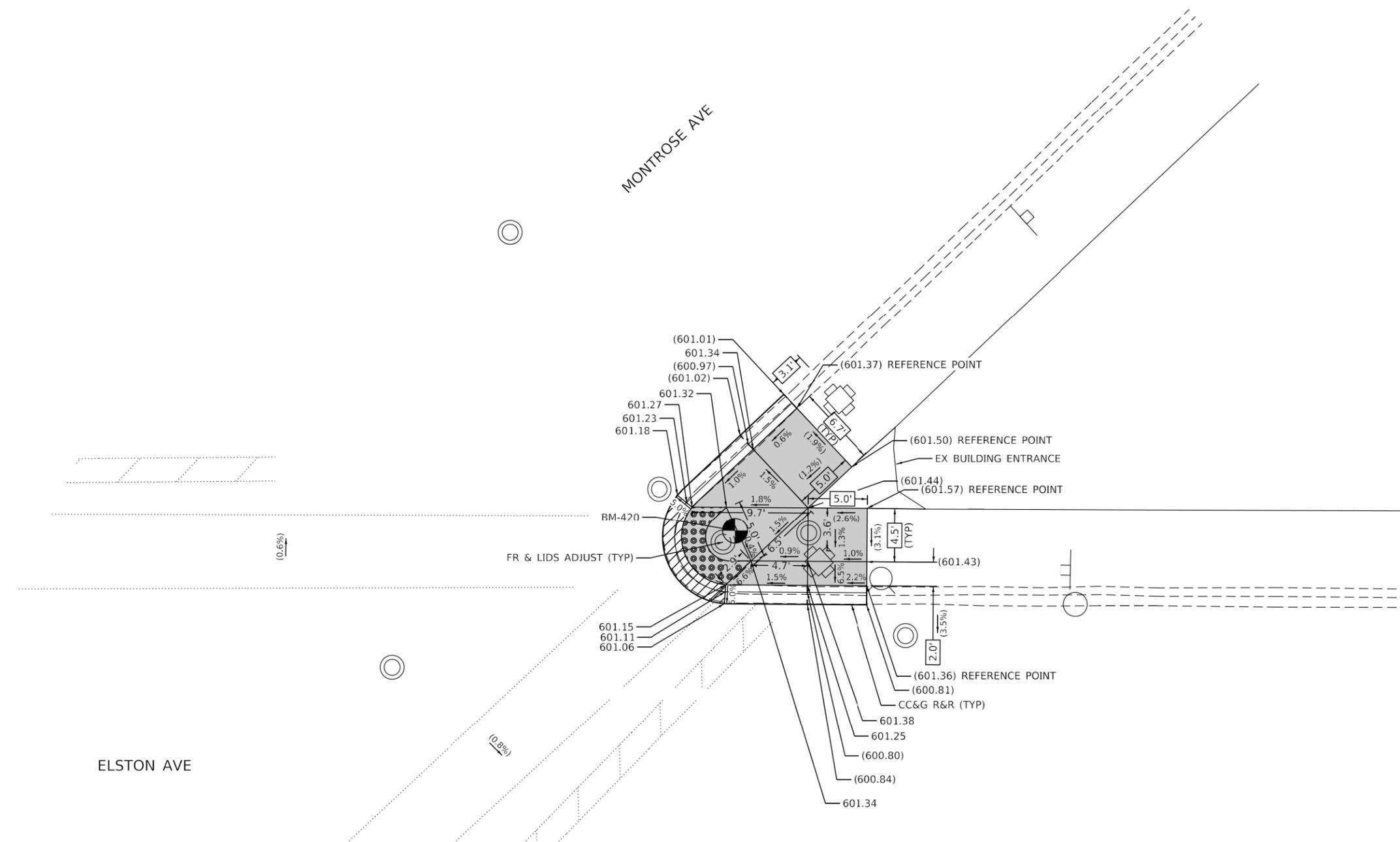
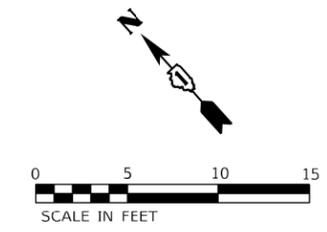
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
ELSTON AVE AT N MONTROSE AVE**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	30
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 420 EL 601.29
 BENCHMARK: SET X E SIDE OF ELEC VAULT LID
 LOCATION: NE COR OF ELSTON AVE AND MONTROSE AVE

MODEL: Default
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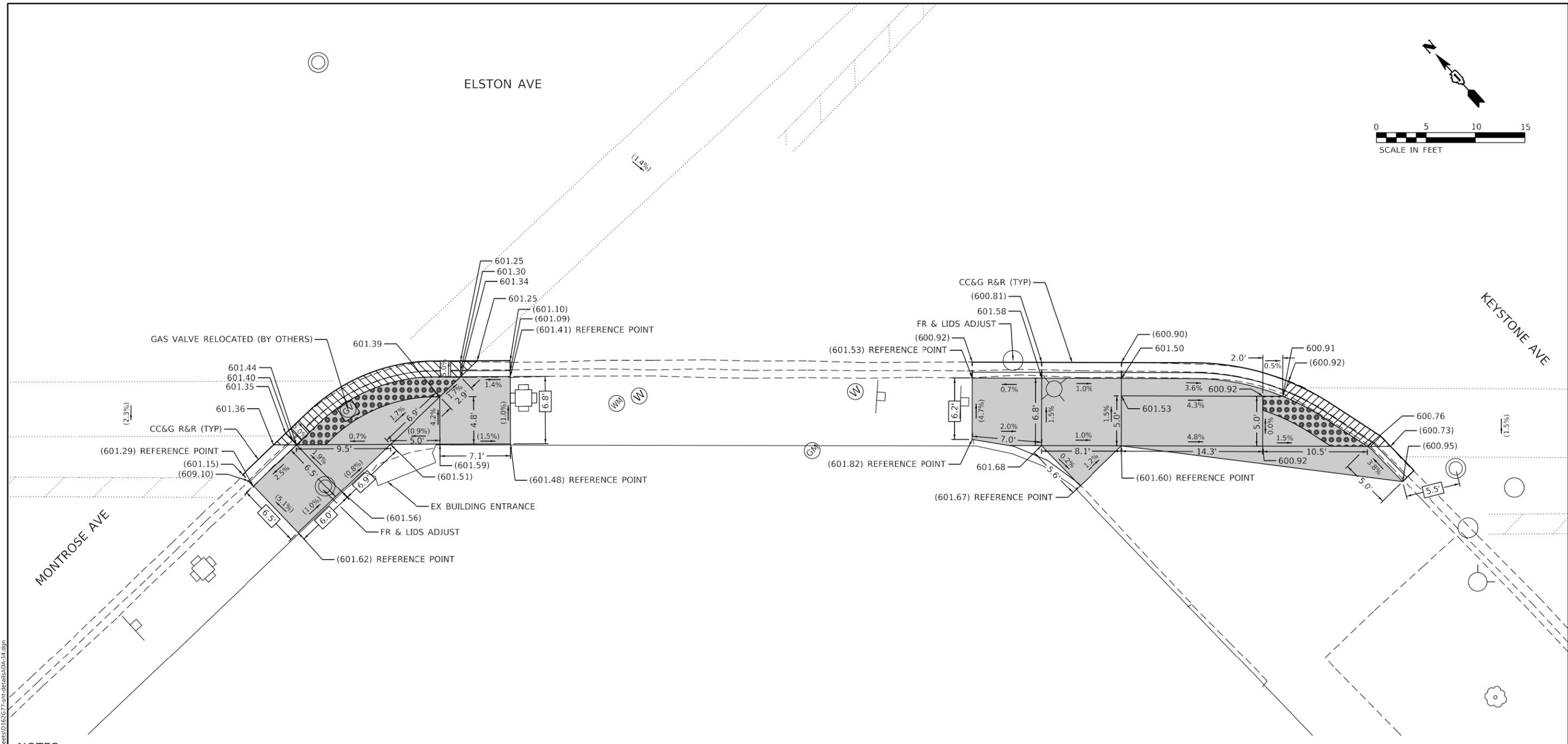
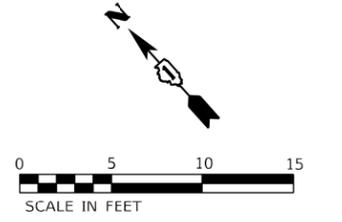
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PLOT SCALE = 10.0000' / 1"	DATE - 3/8/2018	REVISED -
PLOT DATE = 3/13/2019		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 ELSTON AVE AT N MONTROSE AVE**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	31
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 420 EL 601.29
 BENCHMARK: SET X E SIDE OF ELEC VAULT LID
 LOCATION: NE COR OF ELSTON AVE AND MONTROSE AVE

MODEL: Default
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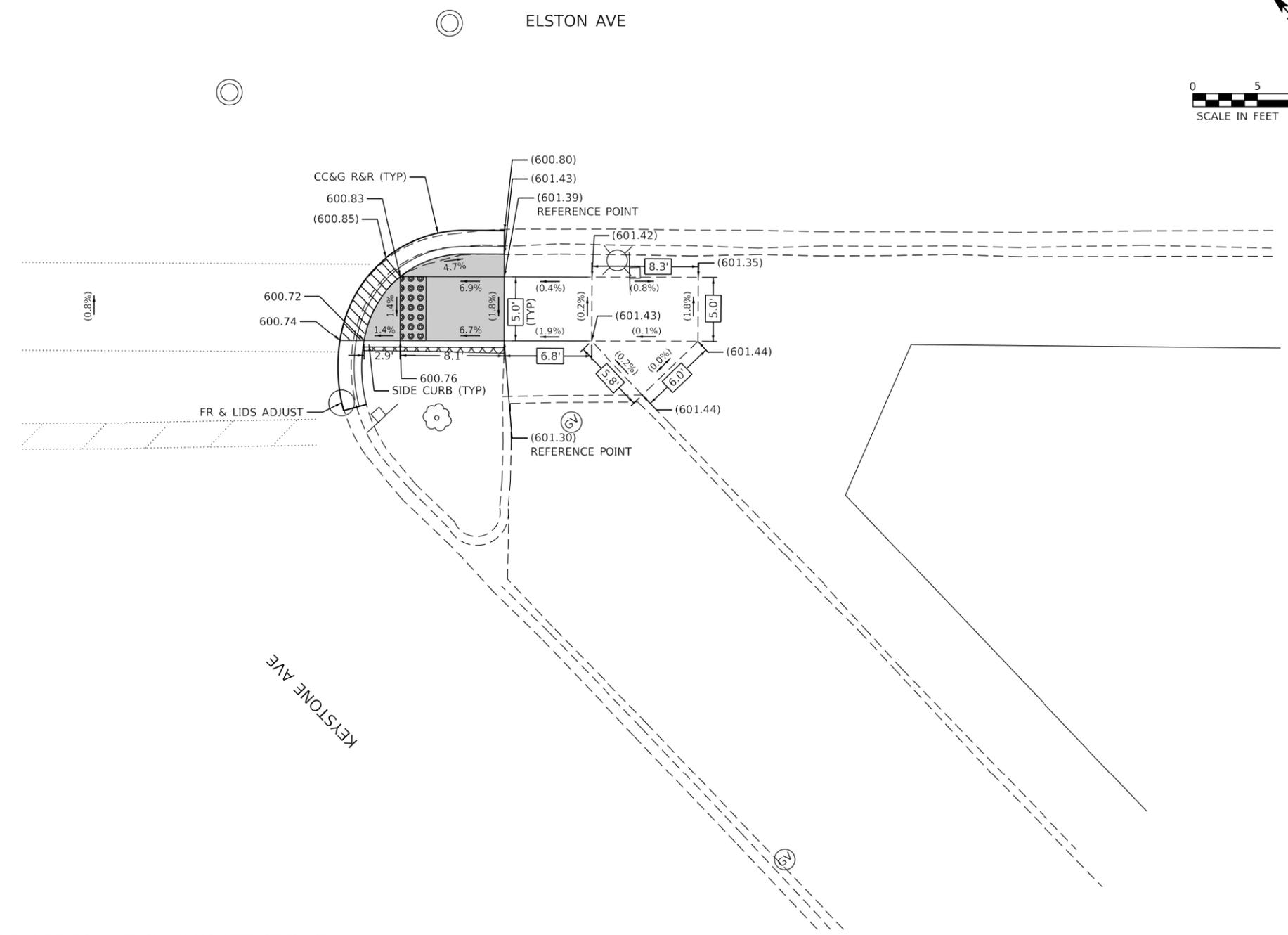
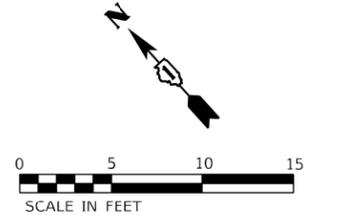
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
ELSTON AVE AT N MONTROSE AVE AND KEYSTONE AVE**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	33
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

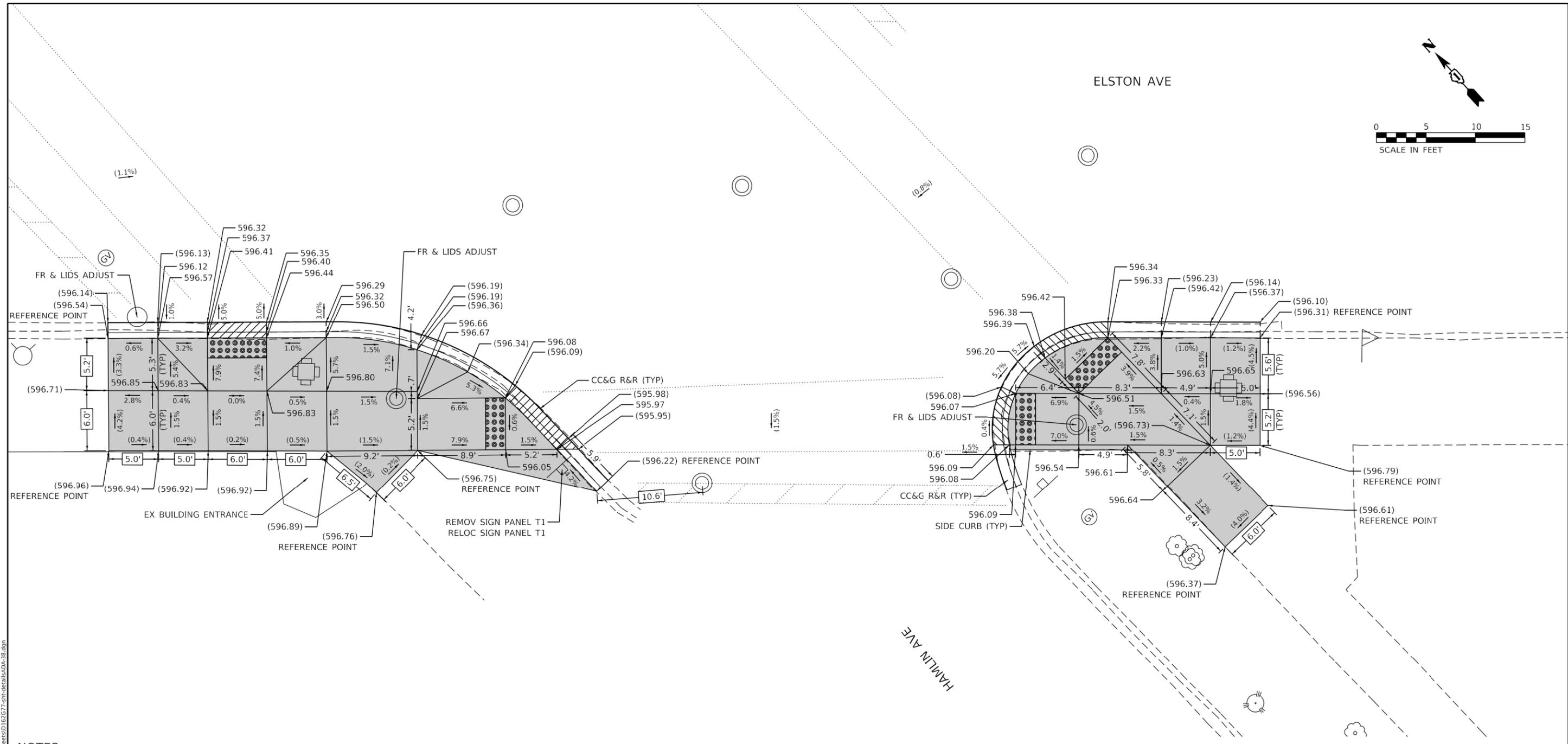
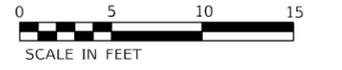
REFERENCE BENCHMARK 420 EL 601.29
 BENCHMARK: SET X E SIDE OF ELEC VAULT LID
 LOCATION: NE COR OF ELSTON AVE AND MONTRORSE AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

MODEL: Default
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	PLOT SCALE = 10.0000' / 1"	CHECKED - RG	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 62G77				
	PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -		ILLINOIS FED. AID PROJECT								



NOTES

1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
2. AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Dotted Box] DETECTABLE WARNINGS (SPECIAL)
- [Cross-hatched Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Line Box] DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 414 EL 596.79
 BENCHMARK: CHISELED SQUARE ON TRAFFIC CONTROLLER BASE
 LOCATION: NE COR ELSTON AVE AND HAMLIN AVE

MODEL: Default
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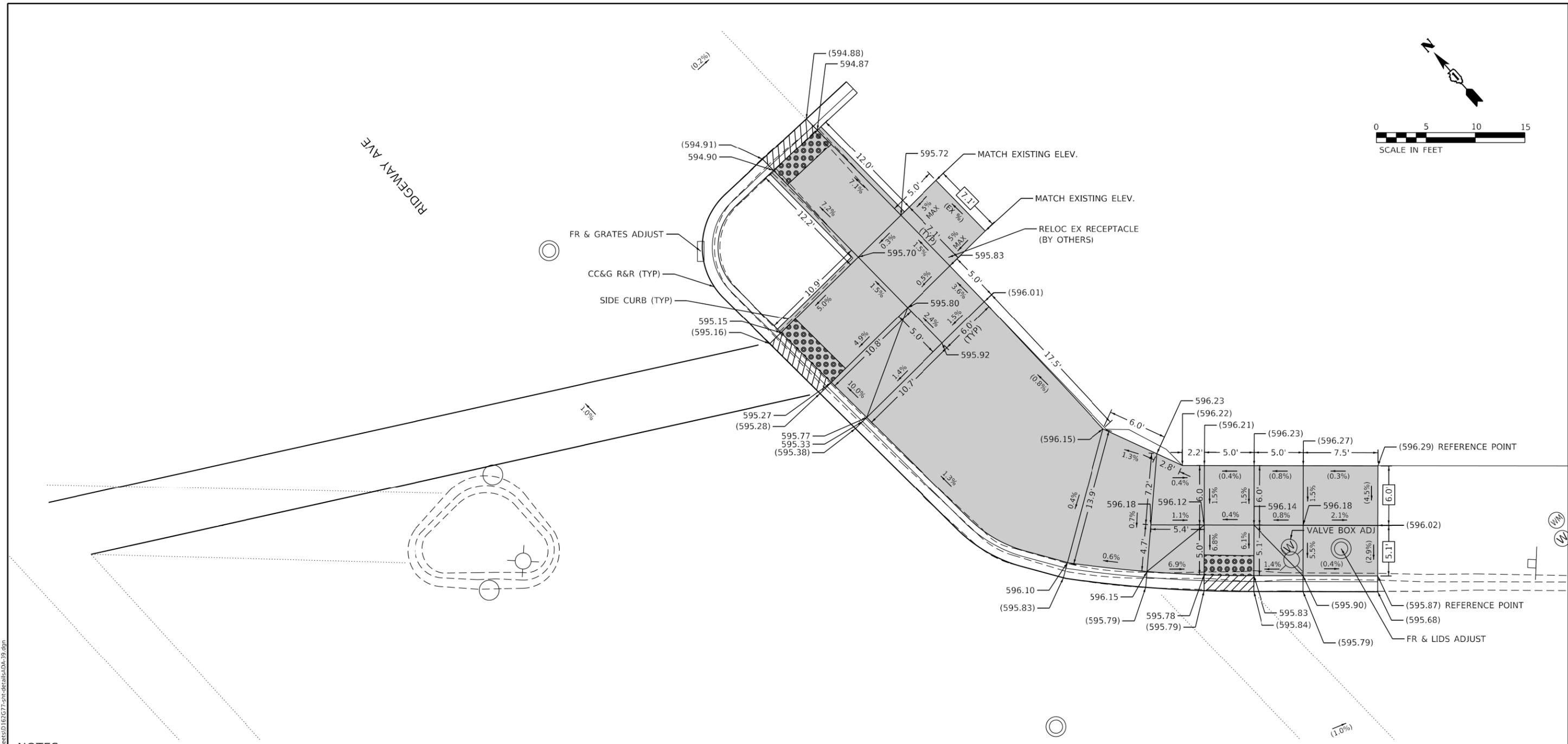
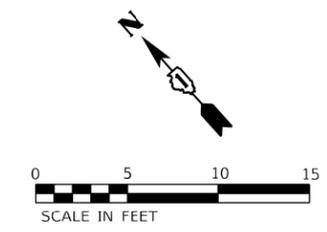
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 ELSTON AVE AT N HAMLIN AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	37
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

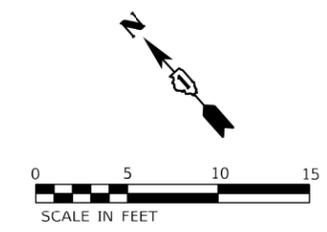
REFERENCE BENCHMARK 407 EL 597.46
 BENCHMARK: CUT X ON FH BOLT
 LOCATION: SW COR OF ELSTON AVE AND RIDGEWAY AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Gray Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS (SPECIAL)
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

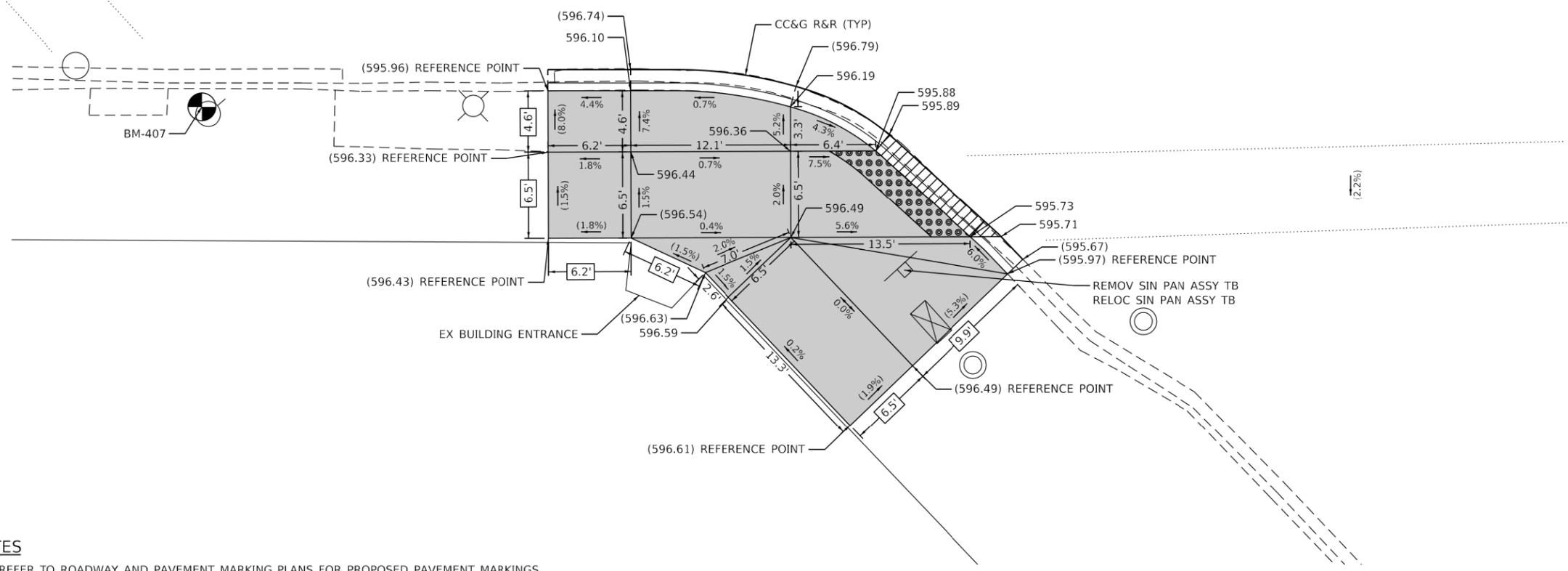
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					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	3528	2018-013-R5-SW	COOK	56	38
	PLOT SCALE = 10.0000' / ft.	CHECKED - RG	REVISED -										CONTRACT NO. 62G77			
	PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -										ILLINOIS FED. AID PROJECT			



ELSTON AVE

RIDGEWAY AVE



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK 407 EL 597.46
 BENCHMARK: CUT X ON FH BOLT
 LOCATION: SW COR OF ELSTON AVE AND RIDGEWAY AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Gray Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS (SPECIAL)
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

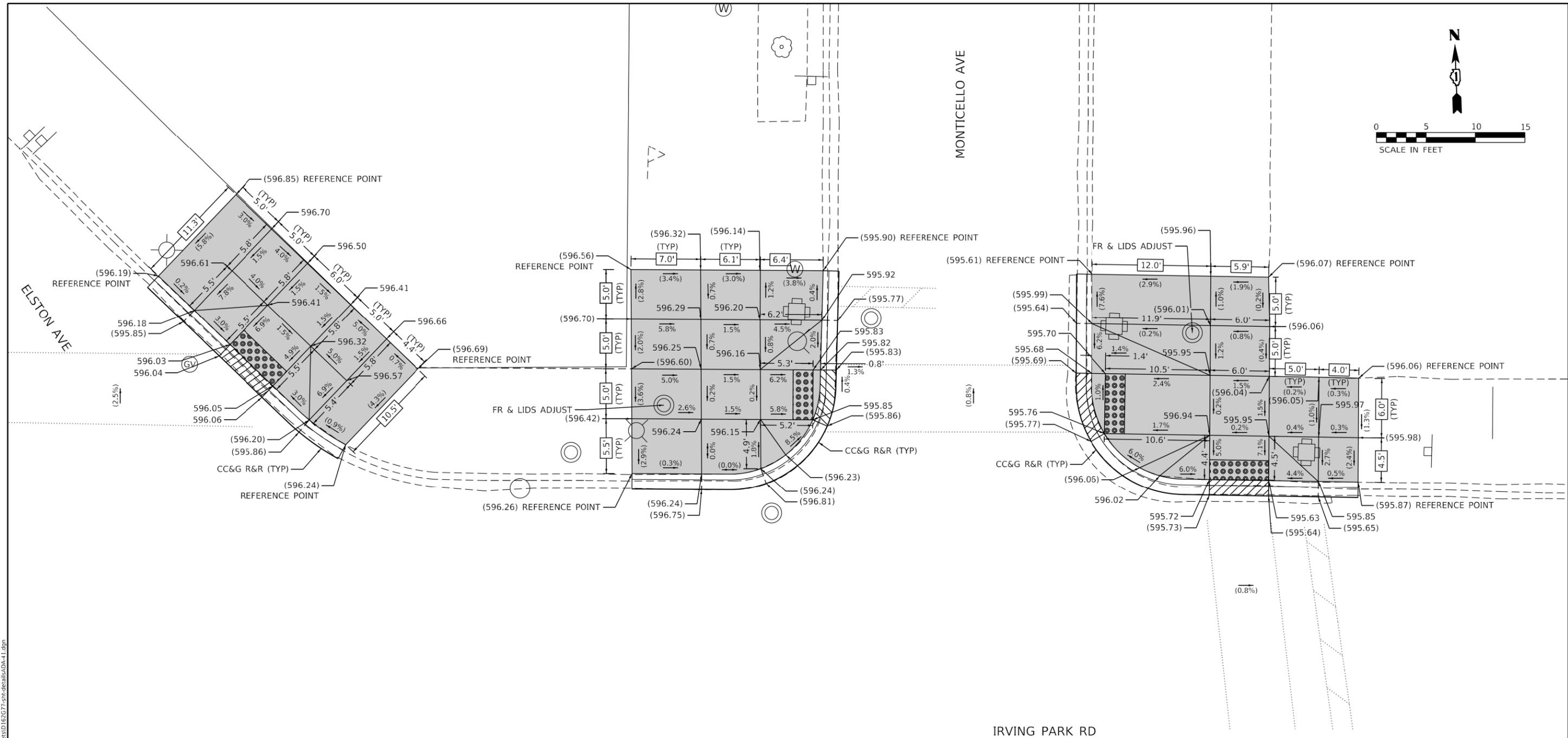
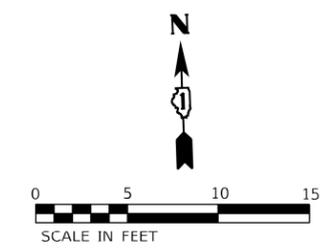
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	DRAWN - KB/CS/MS/AN	REVISED -
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PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS	
ELSTON AVE AT N RIDGEWAY AVE	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	39
CONTRACT NO. 62G77				
ILLINOIS FED. AID PROJECT				



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK 405 EL 597.21
 BENCHMARK: CUT X ON FH BOLT
 LOCATION: SW COR OF ELSTON AVE AND MONTICELLO AVE

LEGEND

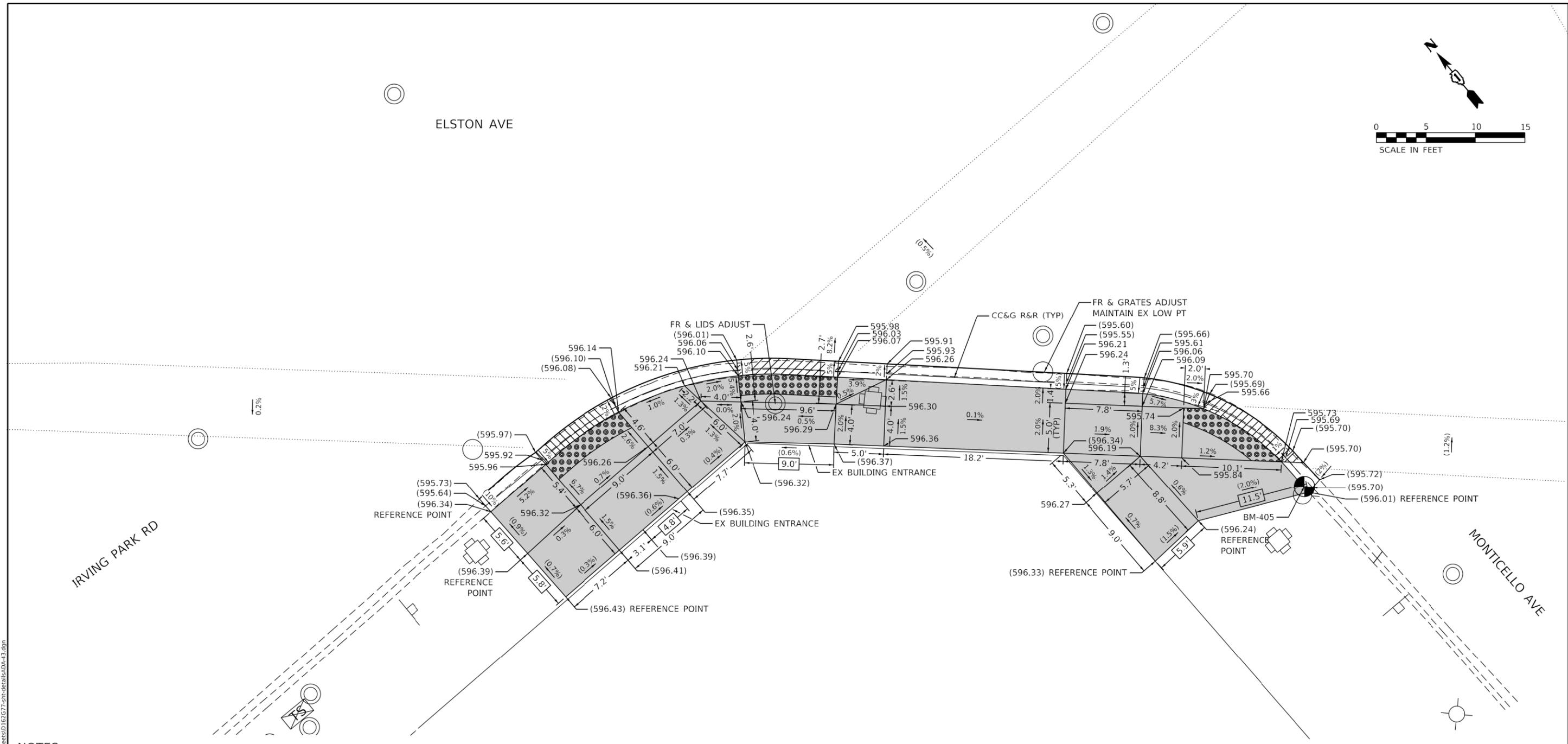
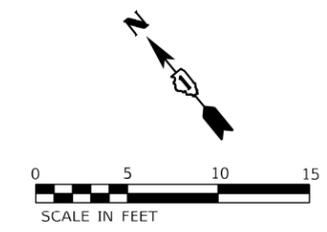
XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 ELSTON AVE AT IRVING PARK RD AND MONTICELLO AVE**

MODEL: Default
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PLOT SCALE = 10.0000' / 1"	CHECKED - RG	REVISED -			CONTRACT NO. 62G77					
PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: SHEET OF SHEETS STA. TO STA.					



NOTES

1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
2. AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Grid Pattern Box] DETECTABLE WARNINGS (SPECIAL)
- [Cross-hatch Pattern Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Line Pattern Box] DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 405 EL 597.21
 BENCHMARK: CUT X ON FH BOLT
 LOCATION: SW COR OF ELSTON AVE AND MONTICELLO AVE

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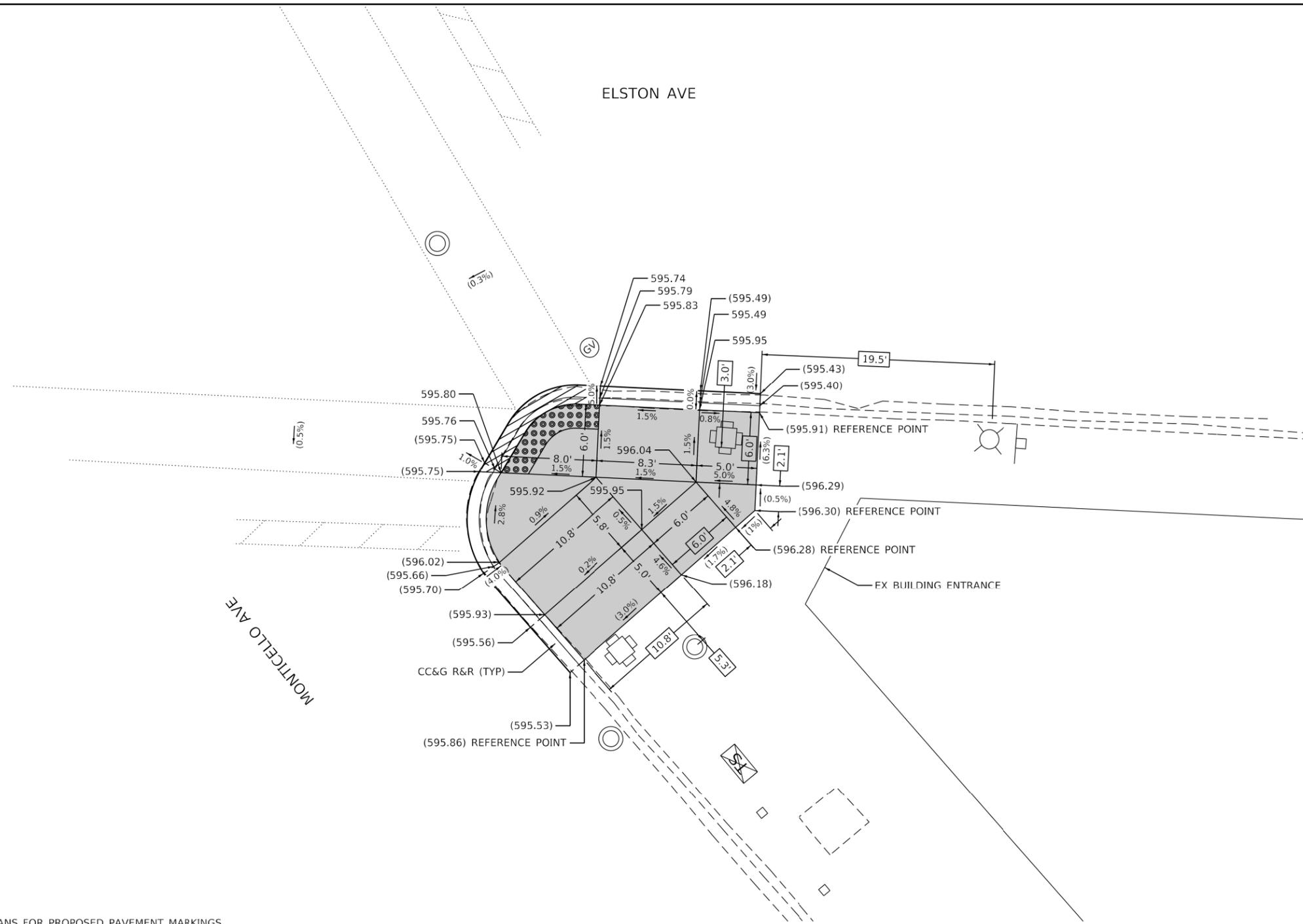
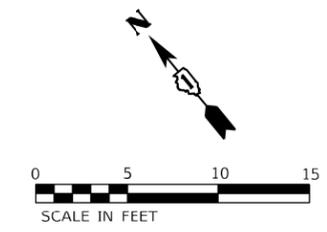
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	DRAWN - KB/CS/MS/AN	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - RG	REVISED -
PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
ELSTON AVE AT W IRVING PARK RD AND N MONTICELLO AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-R5-SW	COOK	56	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G77	



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

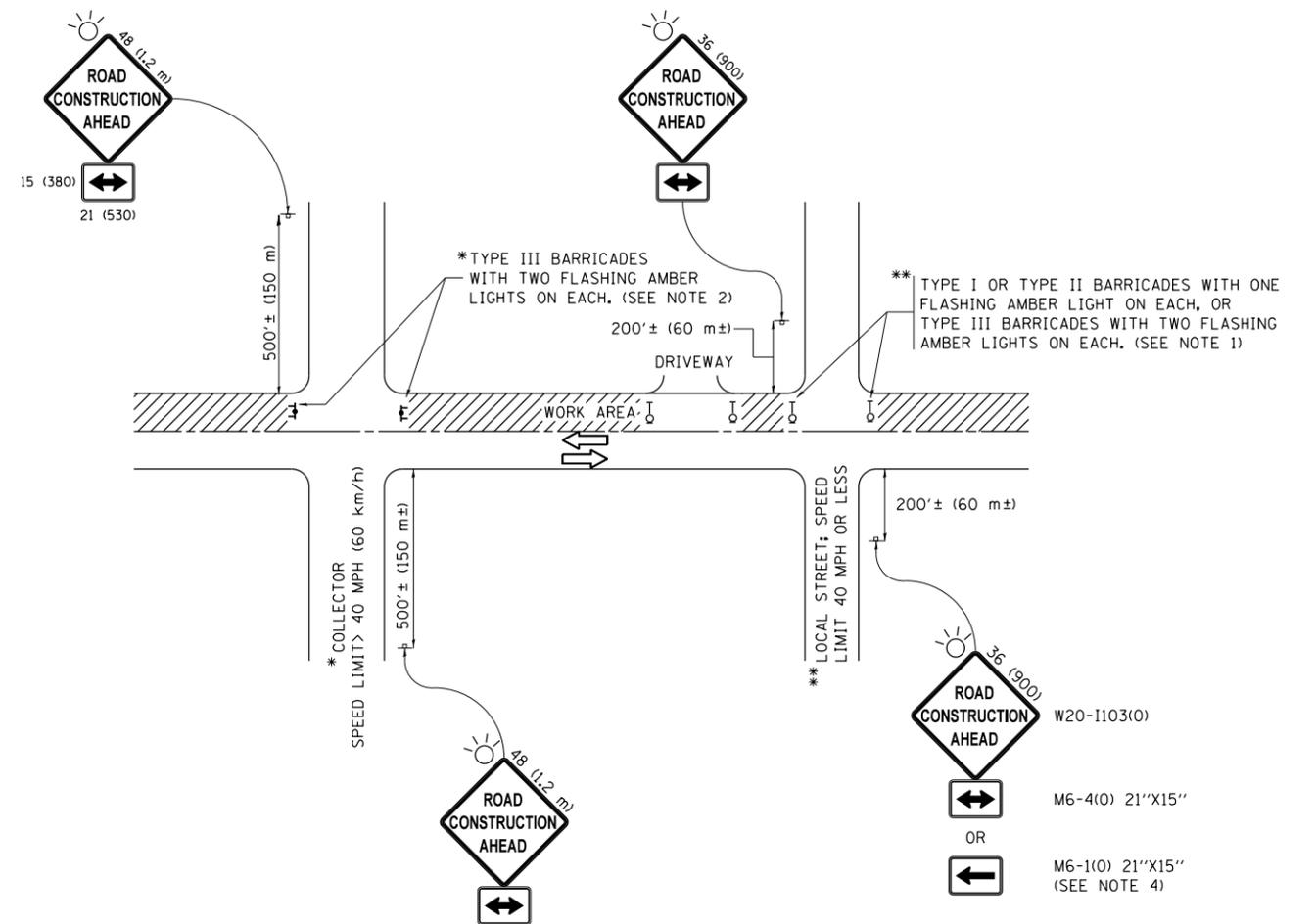
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 BENCHMARK: CUT X ON FH BOLT
 LOCATION: SW COR OF ELSTON AVE AND MONTICELLO AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS (SPECIAL)
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

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	PLOT SCALE = 10.0000' / 1"	CHECKED - RG	REVISED -		3528	2018-013-R5-SW	COOK	56	43				
	PLOT DATE = 3/13/2019	DATE - 3/8/2018	REVISED -		CONTRACT NO. 62G77				ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		



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.

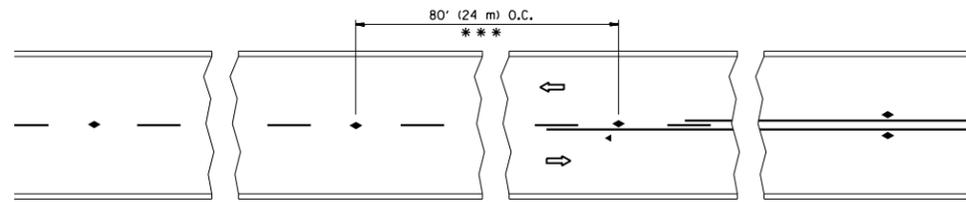
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	PLOT DATE = 3/26/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

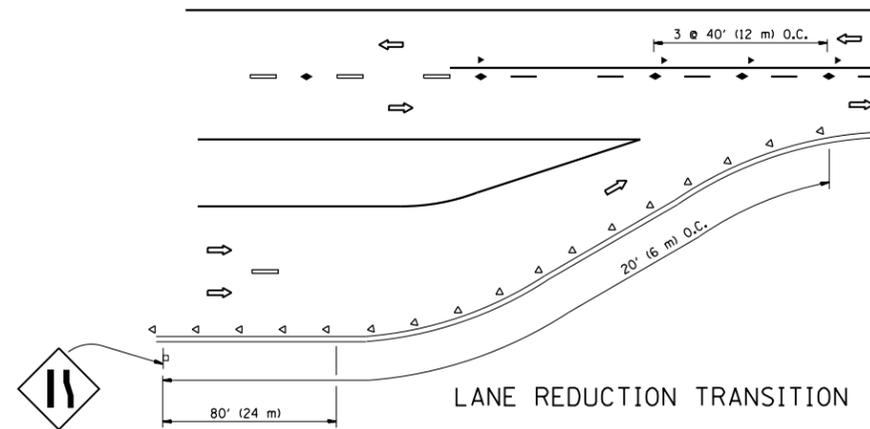
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	56	44
TC-10			CONTRACT NO. 32G77	
ILLINOIS FED. AID PROJECT				

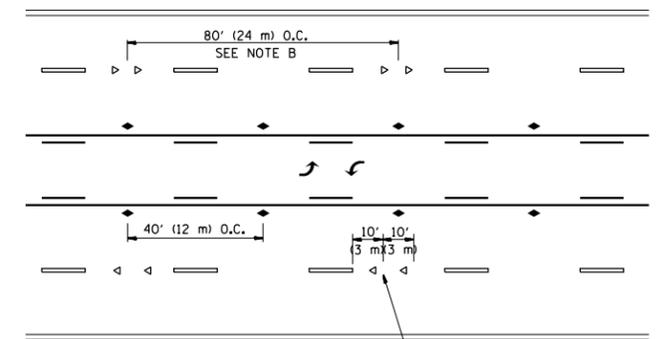


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

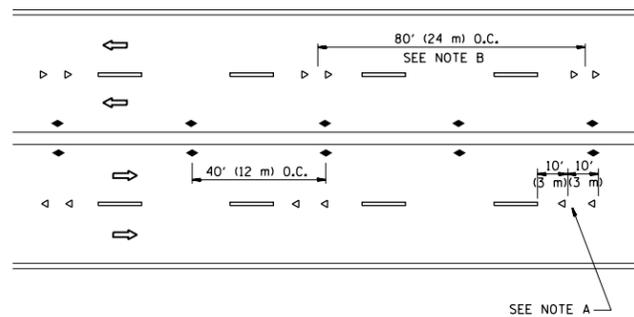
TWO-LANE/TWO-WAY



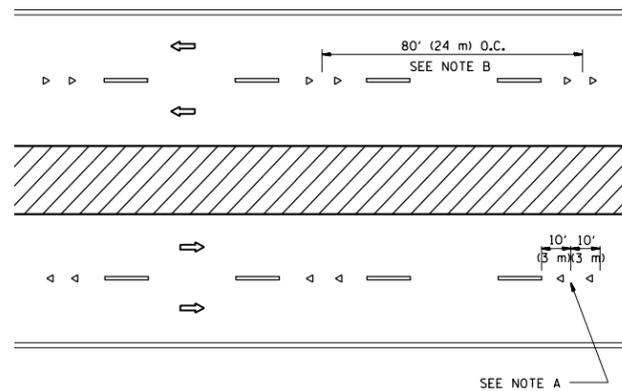
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

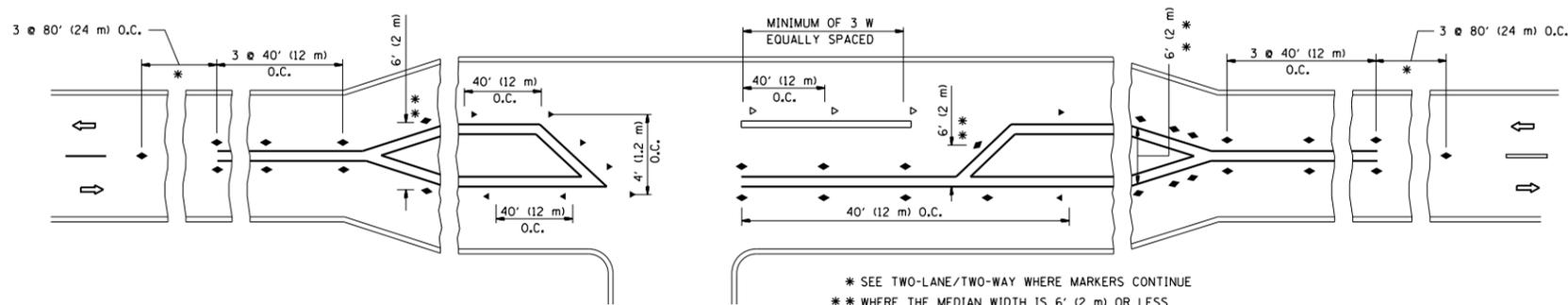
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

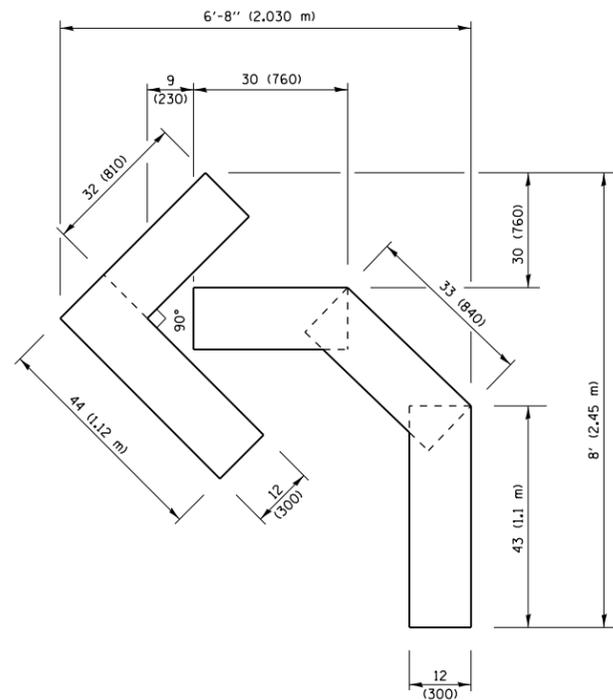
All dimensions are in inches (millimeters) unless otherwise shown.

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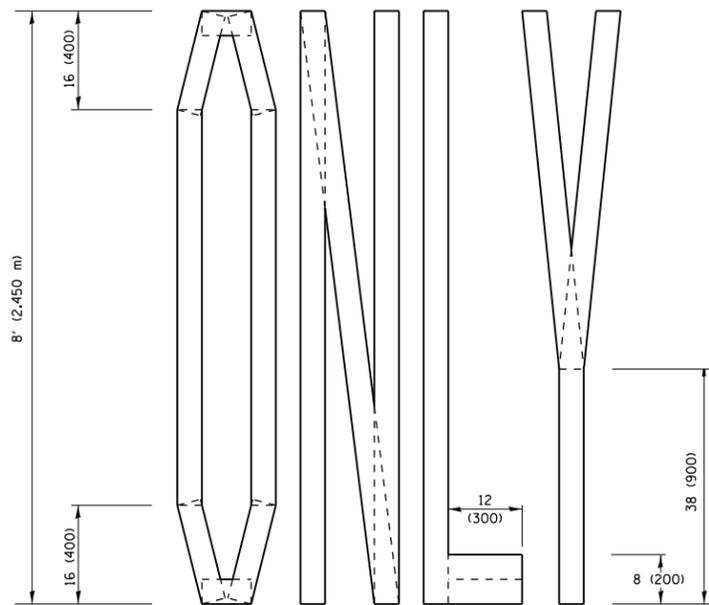
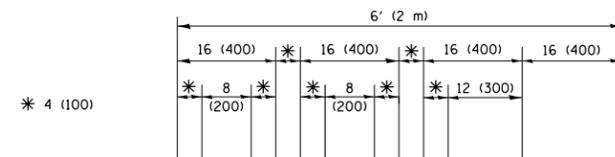
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

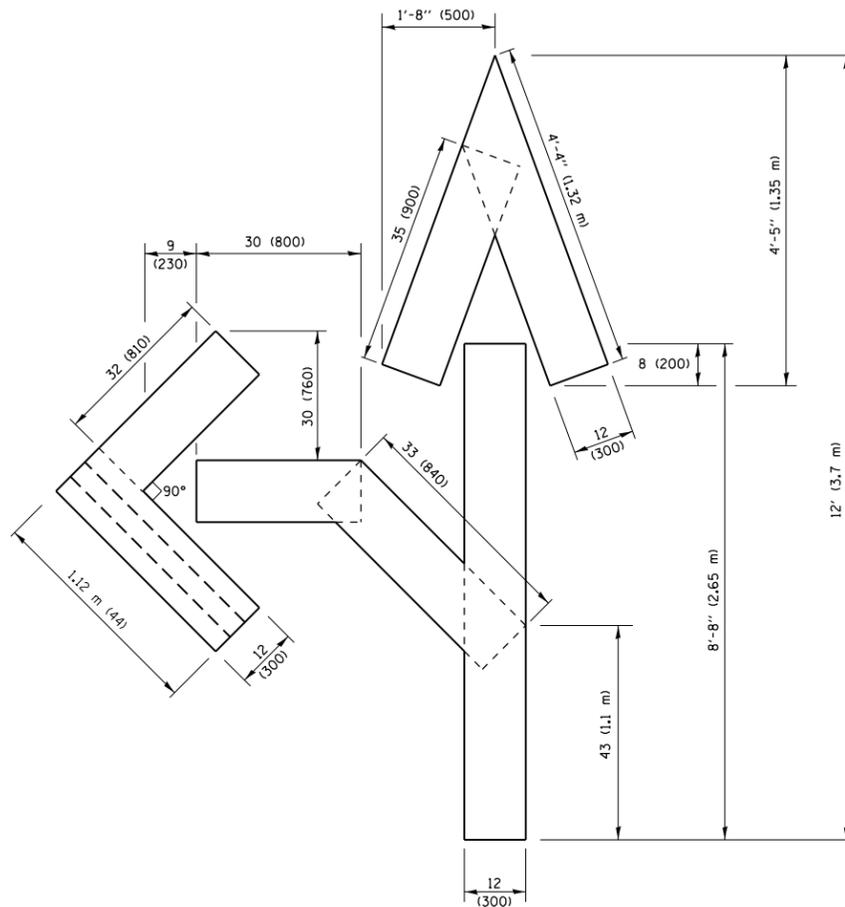
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	56	45
TC-11			CONTRACT NO. 32G77	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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



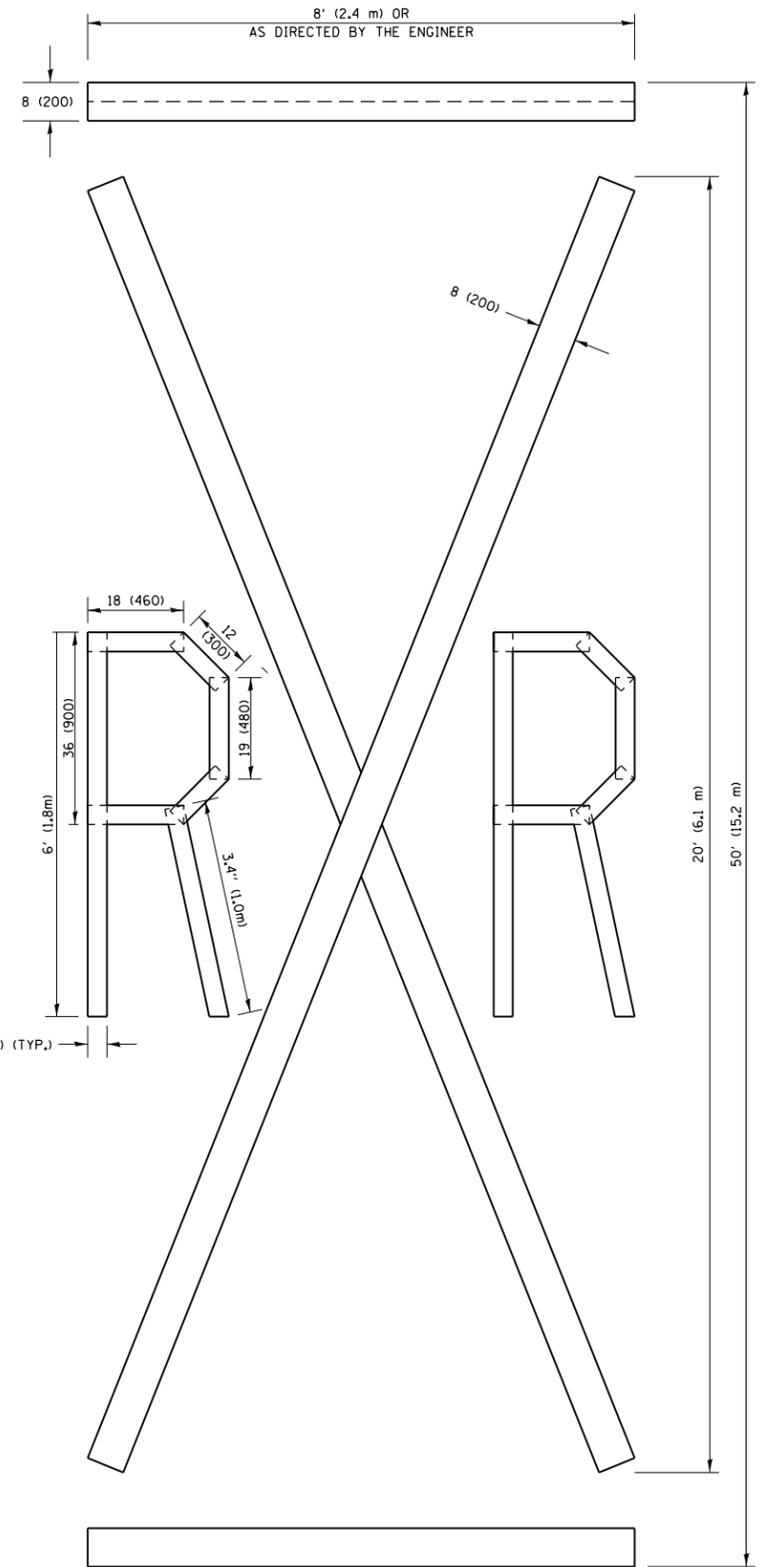
QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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.

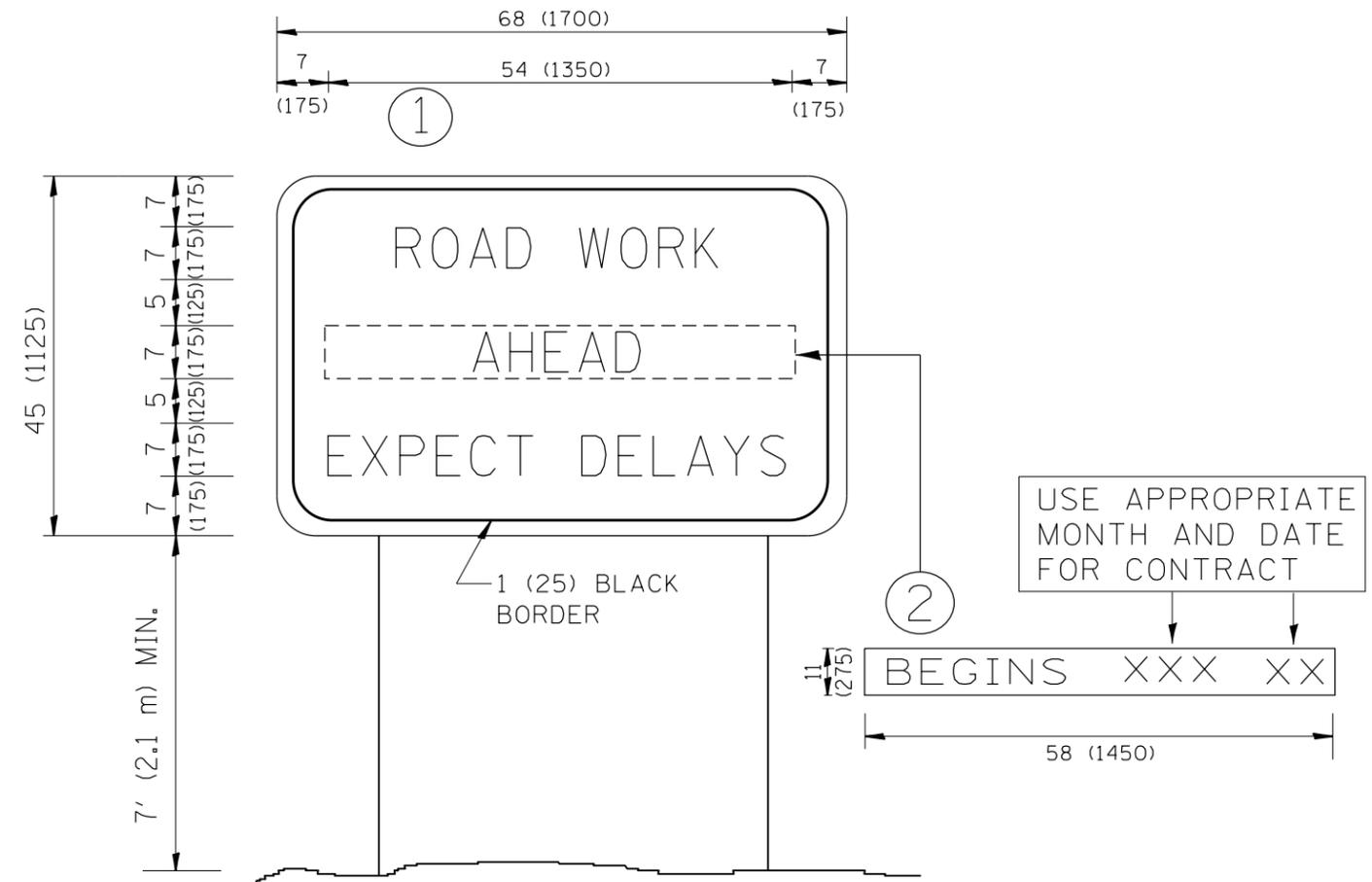
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		DATE -	REVISED -E. GOMEZ 08-28-00
			REVISED -A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	56	46
TC-16		CONTRACT NO. 32G77		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

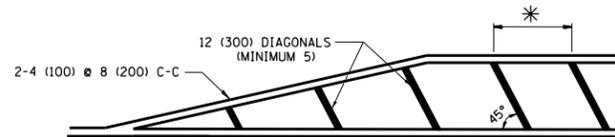
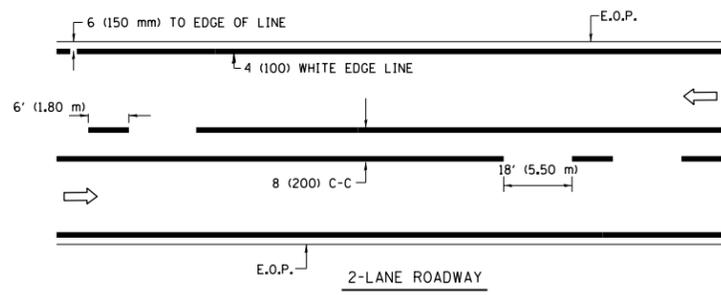


NOTES:

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

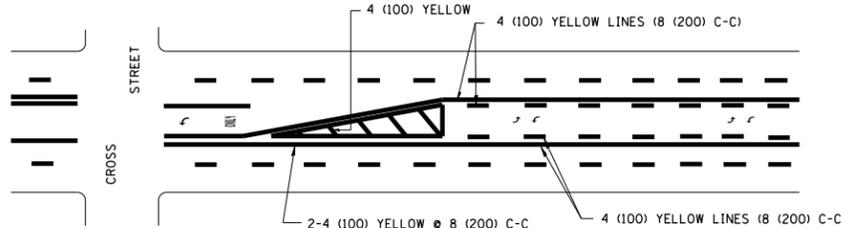
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = ledezmar	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\013381\DRAWING\Design\DistStd.dgn			REVISED - R. MIRS 12-11-97			3528	2018-013-RS-SW	COOK	56	47
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99				TC-22		CONTRACT NO. 32677		
PLOT DATE = 3/26/2019	DATE -	REVISED - C. JUCIUS 01-31-07				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
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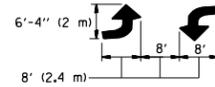


* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 * DIAGONAL LINE SPACING: 20' (6.1 m) C-C

PAINTED MEDIANS

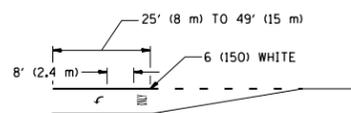
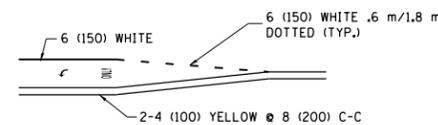


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

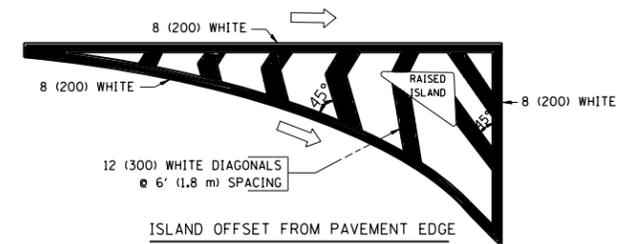
TYPICAL PAINTED MEDIAN MARKING



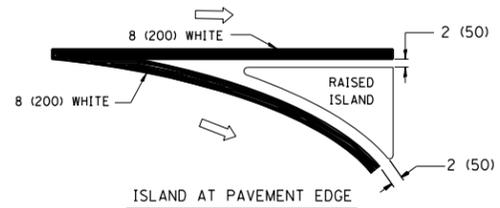
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.8 SQ. FT. (1.47 m²) ONLY AREA = 22.9 SQ. FT. (2.13 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE

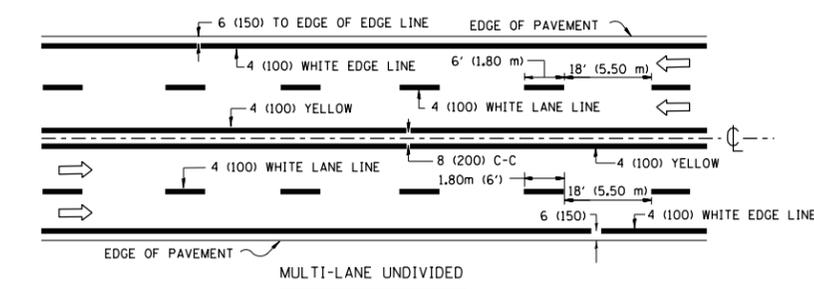


TYPICAL ISLAND MARKING

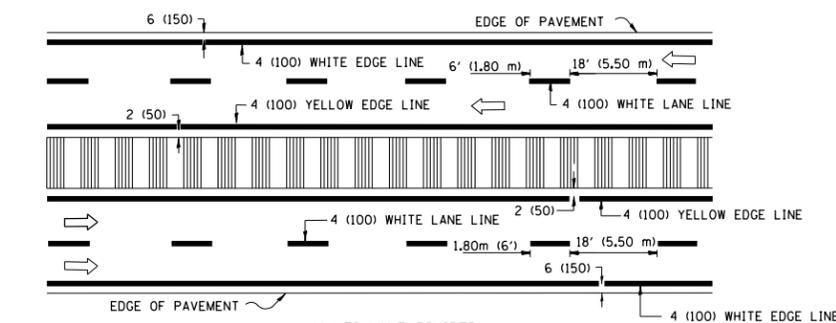
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (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 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	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 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 CROSSWALK, 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 SQ. FT. (0.33m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)

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.



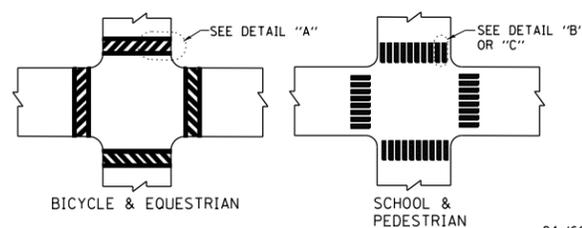
MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

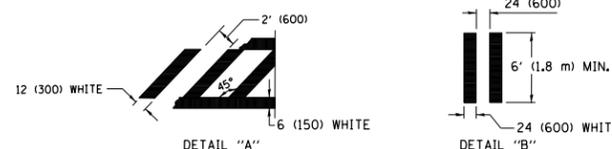
NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

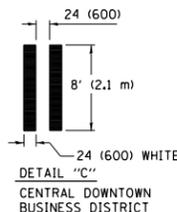


BICYCLE & EQUESTRIAN

SCHOOL & PEDESTRIAN



TYPICAL CROSSWALK MARKING



DETAIL "C"
CENTRAL DOWNTOWN BUSINESS DISTRICT

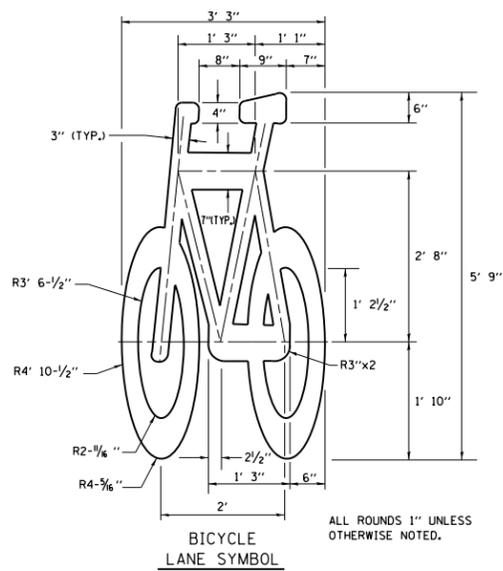
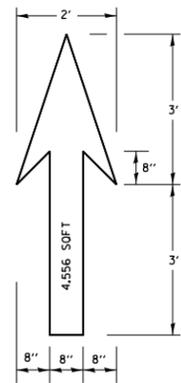
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	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 3/26/2019		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS**

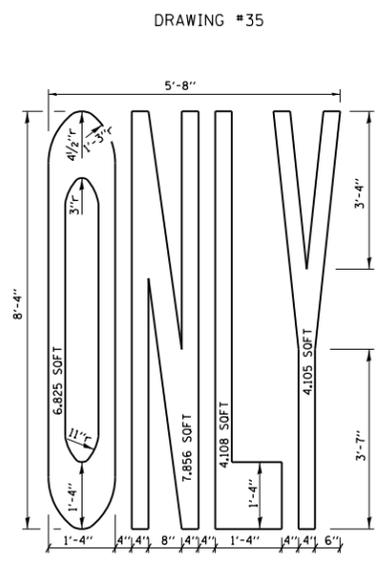
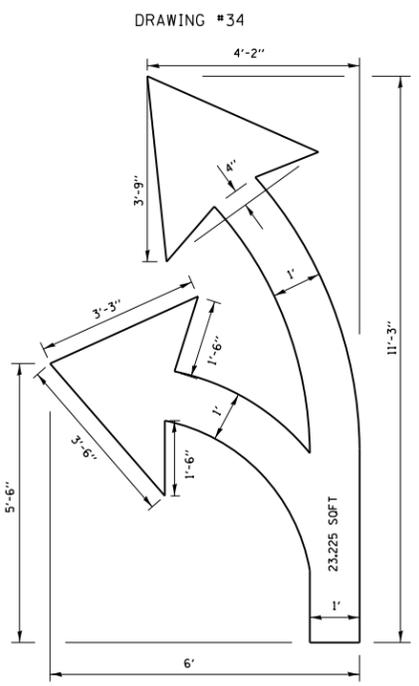
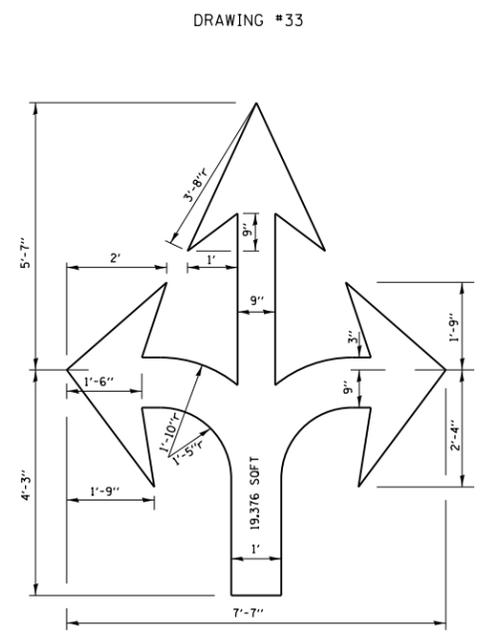
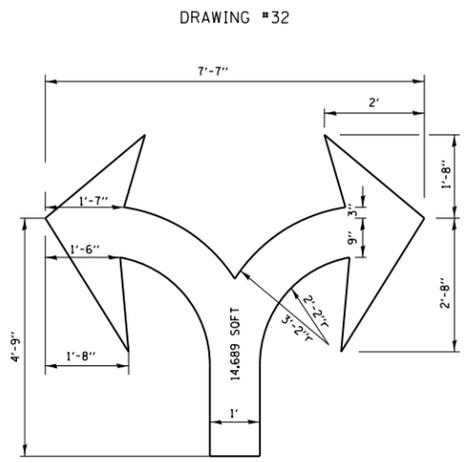
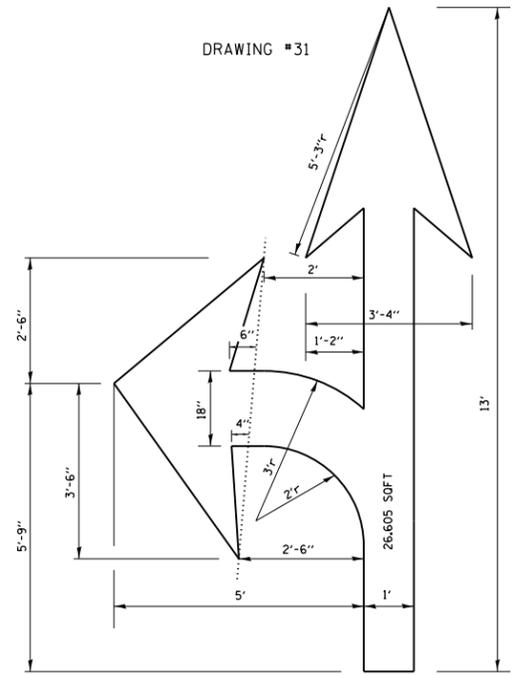
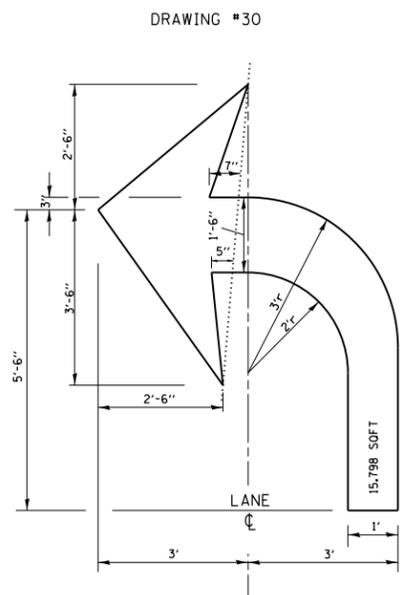
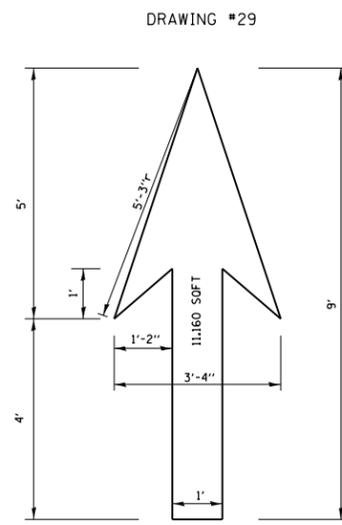
SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	56	48
TC-24		CONTRACT NO. 32677		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- NOTE:**
- 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.
 - 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



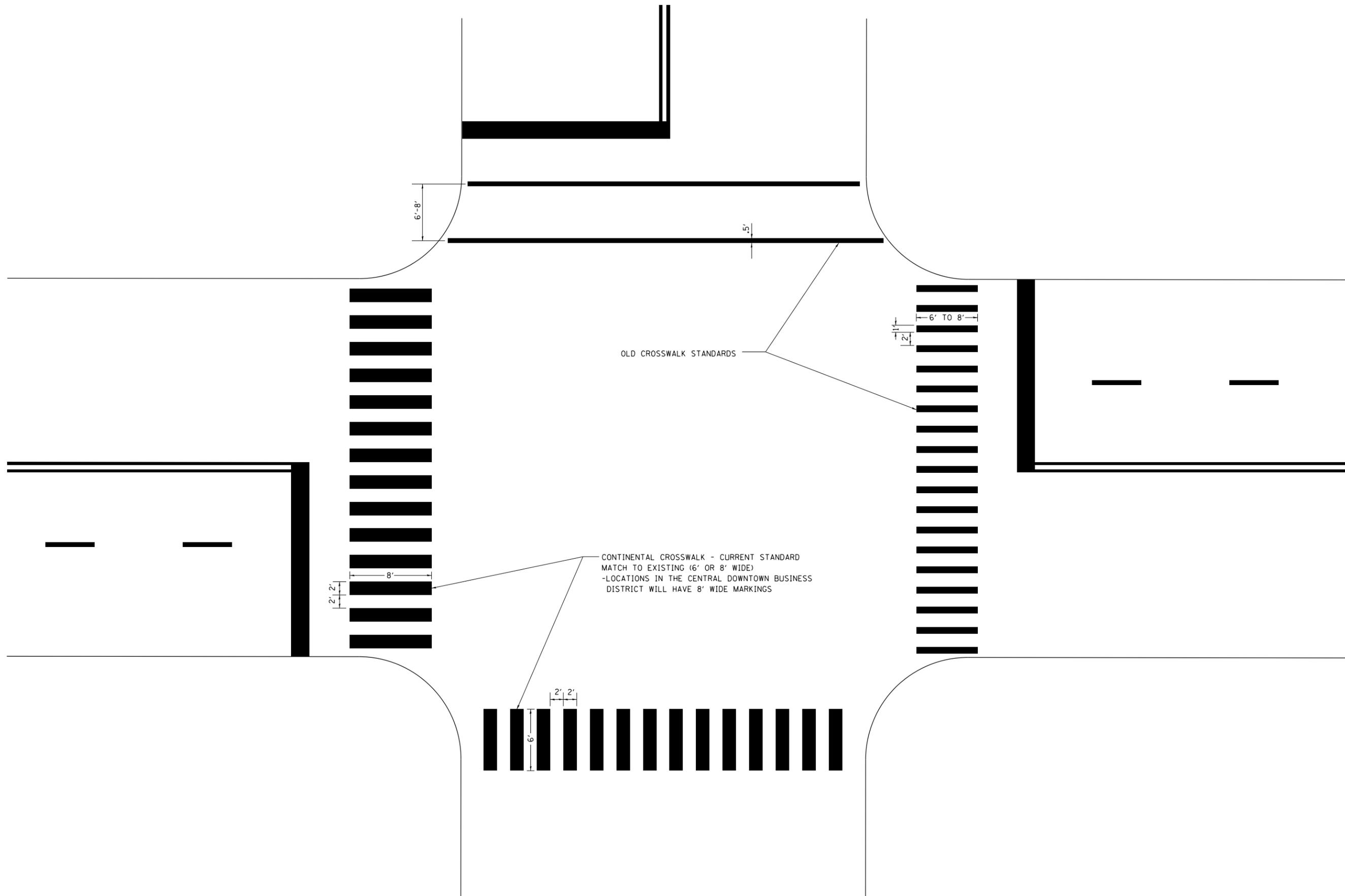
NOTE: ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

FILE NAME =	USER NAME = ledezmar	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
pw:\planroom.dot\illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\0133818\DRAWING\Design\DistStd.dgn		CHECKED -	REVISED - K. ENG 01-12-12
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO	
TYPICAL PAVEMENT MARKINGS	
SCALE: NONE	SHEET NO. 2 OF 3 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	56	49
TC-24		CONTRACT NO. 32677		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



OLD CROSSWALK STANDARDS

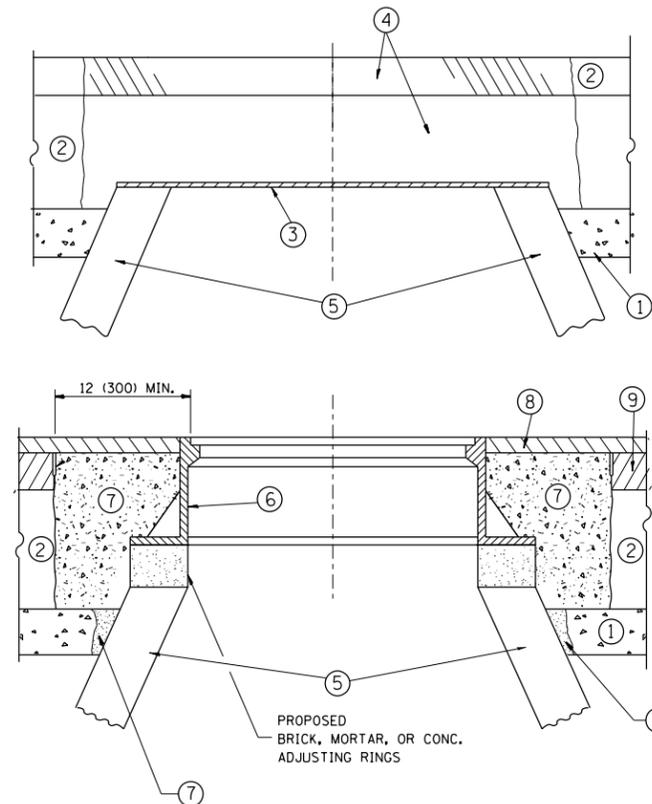
CONTINENTAL CROSSWALK - CURRENT STANDARD
 MATCH TO EXISTING (6' OR 8' WIDE)
 -LOCATIONS IN THE CENTRAL DOWNTOWN BUSINESS
 DISTRICT WILL HAVE 8' WIDE MARKINGS

FILE NAME =	USER NAME = ledeznorm	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\0133818\DRAWING\Design\DistStd.dgn		CHECKED -	REVISED - K. ENG 01-12-12
	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 3/26/2019		REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CITY OF CHICAGO			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	56	50
TC-24			CONTRACT NO. 32G77	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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 1/2 (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 ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- 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 (SPECIAL)."

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.

NOTES:

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

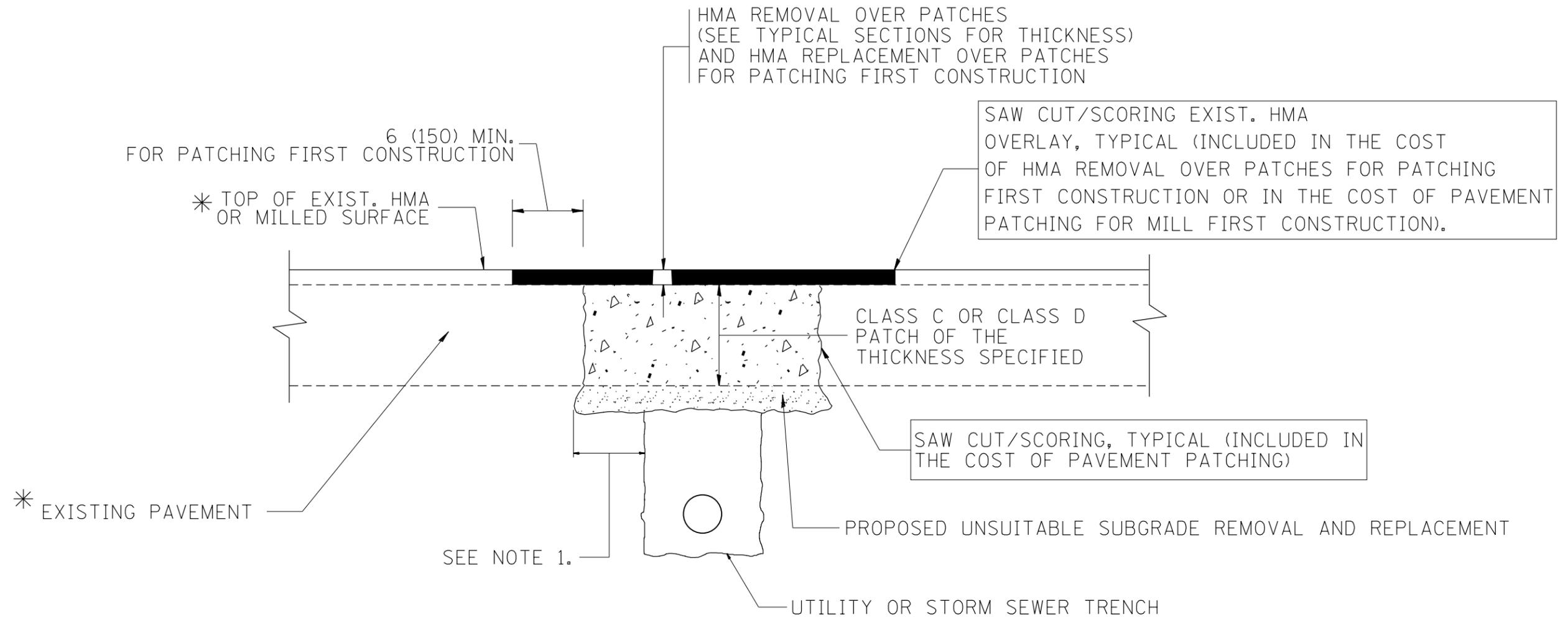
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = ldezma@m	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
pw:\planroom.dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\0133818\DRAWING\Design\DistStd.dgn			REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 3/26/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	56	51
BD600-03 (BD-8)		CONTRACT NO. 32677		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

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)

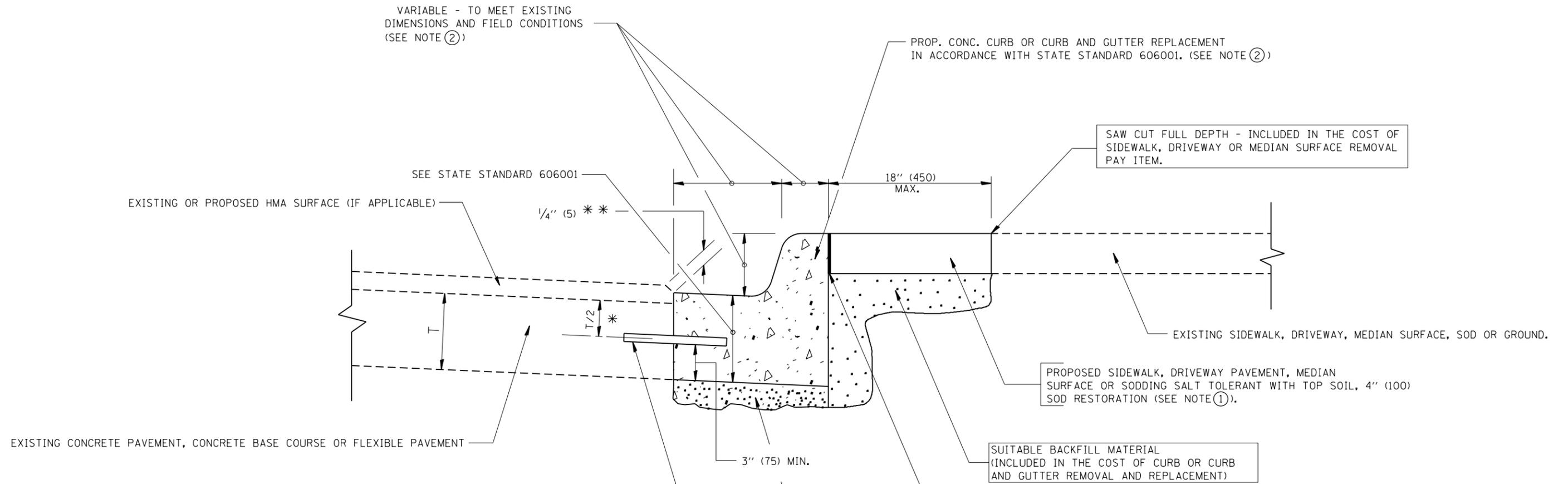
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 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.

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

FILE NAME =	USER NAME = ledezmar	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\0133818\DRAWING\Design\DistStd.dgn	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 01-01-07					3528	2018-013-RS-SW	COOK	56	52
PLOT DATE = 3/26/2019	DATE - 10-25-94	REVISED - R. BORO 09-04-07	REVISED - K. ENG 10-27-08		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			BD400-04 (BD-22)		CONTRACT NO. 32677		
								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.

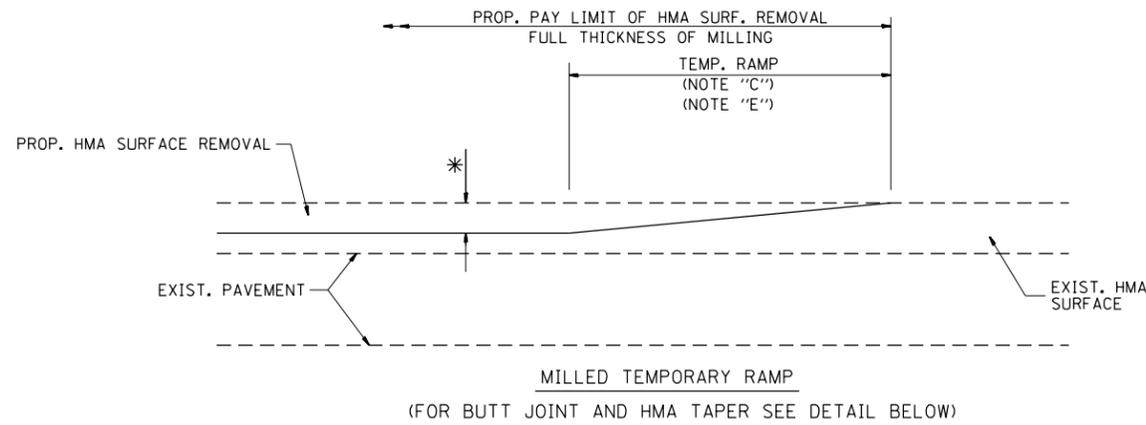
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, 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".

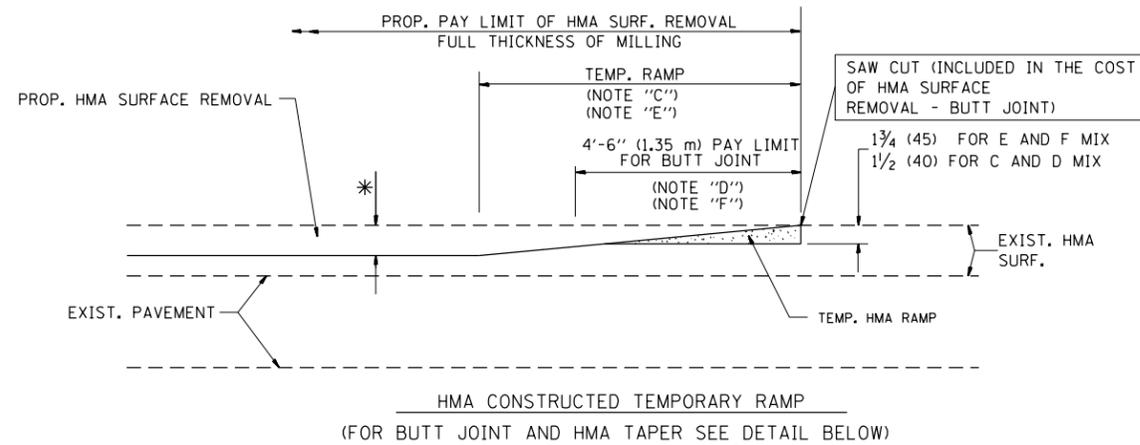
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = ldezma	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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED - A. ABBAS 03-21-97			3528	2018-013-RS-SW	COOK	56	53	
			REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)		CONTRACT NO. 32677			
			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					

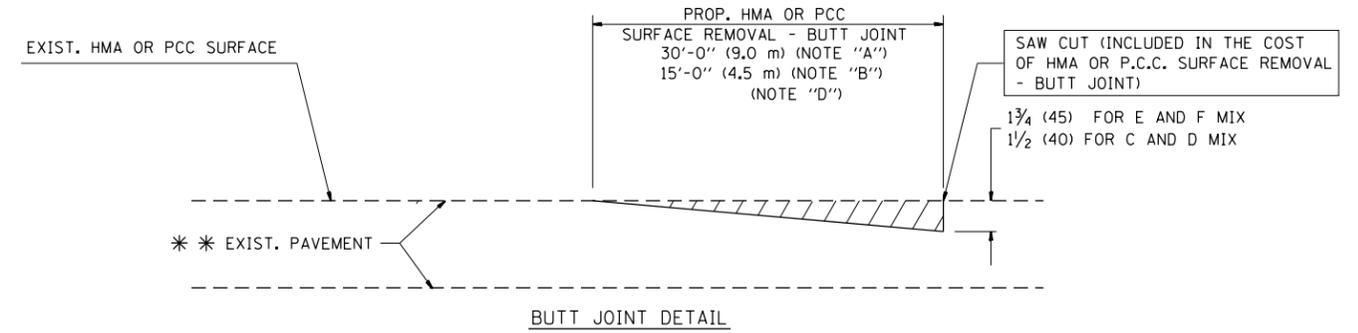


OPTION 1

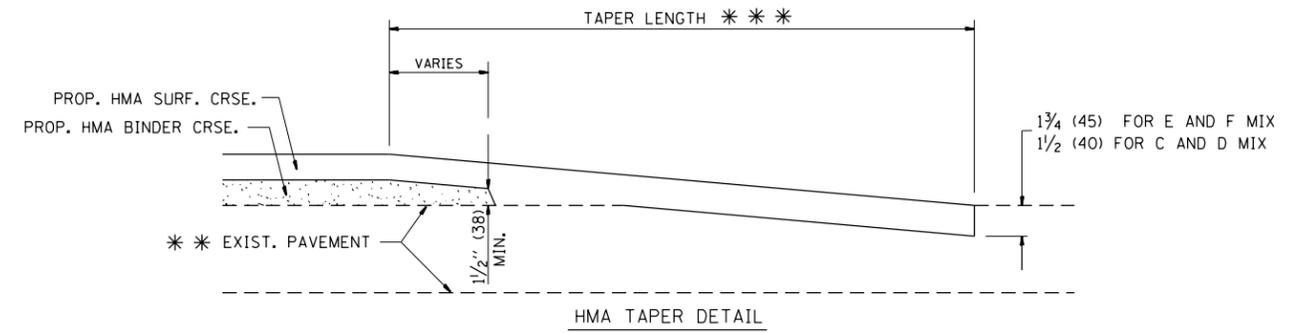


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

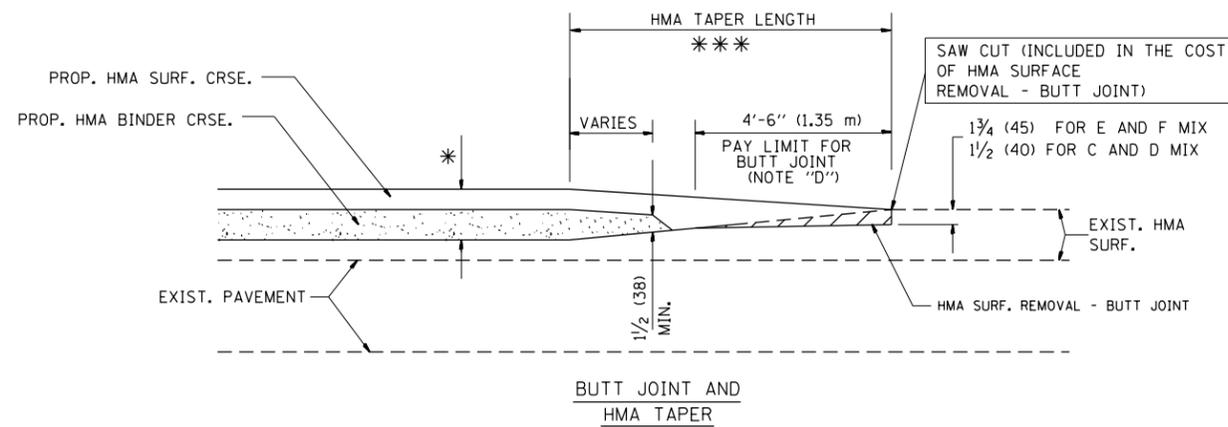
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: 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.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

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

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

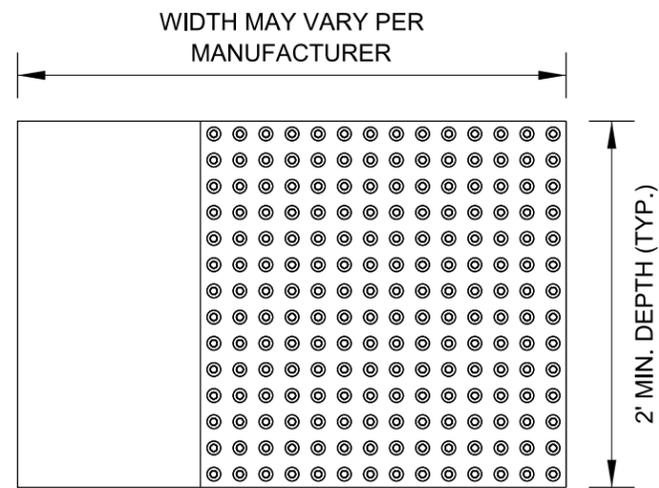
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pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\0133818\DRAWING\Design\DistStd.dgn			REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 3/26/2019	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

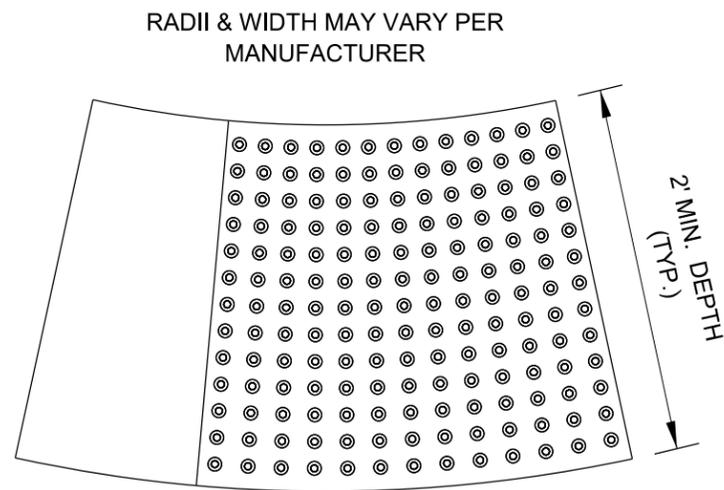
BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3528	2018-013-RS-SW	COOK	56	54
BD400-05 BD32		CONTRACT NO. 32G77		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STRAIGHT DETECTABLE WARNING UNITS



RADIAL DETECTABLE WARNING UNITS

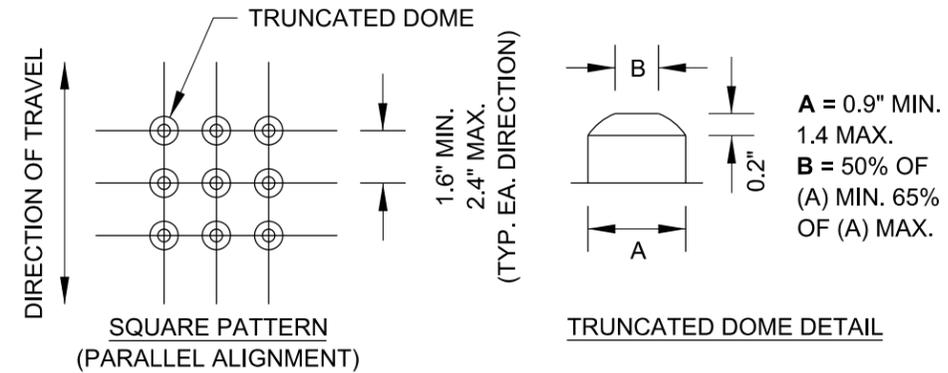


DETECTABLE WARNING UNIT SIZES

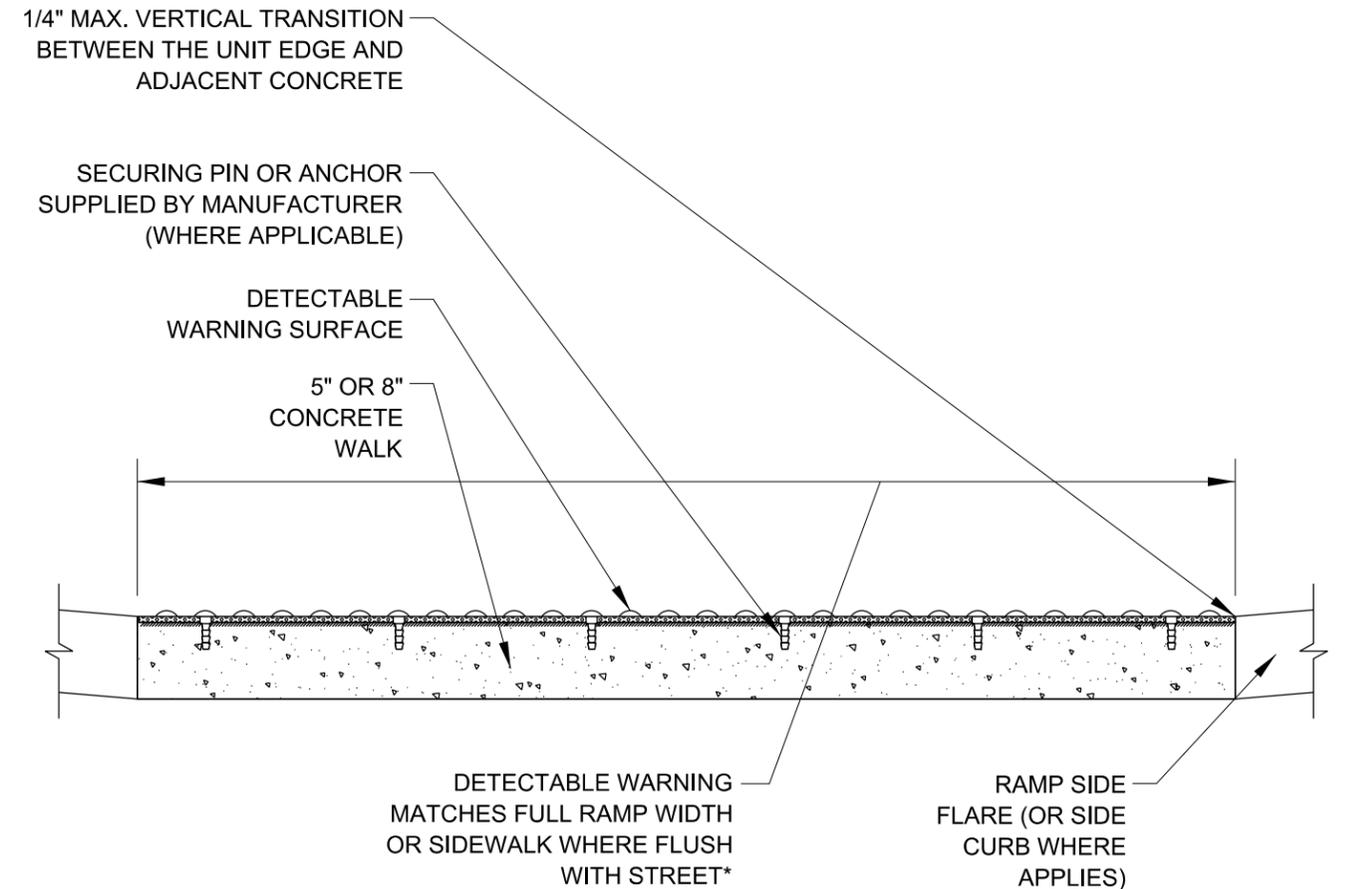
- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.

GENERAL NOTE:

THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.



UNIT PATTERN & DOME DETAIL



*A BORDER OF 2 INCHES OR LESS AROUND THE DETECTABLE WARNING SURFACE IS ACCEPTABLE IF REQUIRED FOR PROPER INSTALLATION OF THE DETECTABLE WARNING SURFACE PRODUCT

DETECTABLE WARNING UNIT SECTION

FILE NAME =	USER NAME = ldezmar	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF CHICAGO DETECTABLE WARNINGS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\013381\DRAWING\Design\DistStd.dgn		CHECKED -	REVISED -		3528	2018-013-RS-SW	COOK	56	56			
Default	PLOT SCALE = 100.0000' / 1in.	DATE - 06-20-2017	REVISED -		BD 58			CONTRACT NO. 32677				
	PLOT DATE = 3/26/2019				ILLINOIS FED. AID PROJECT							