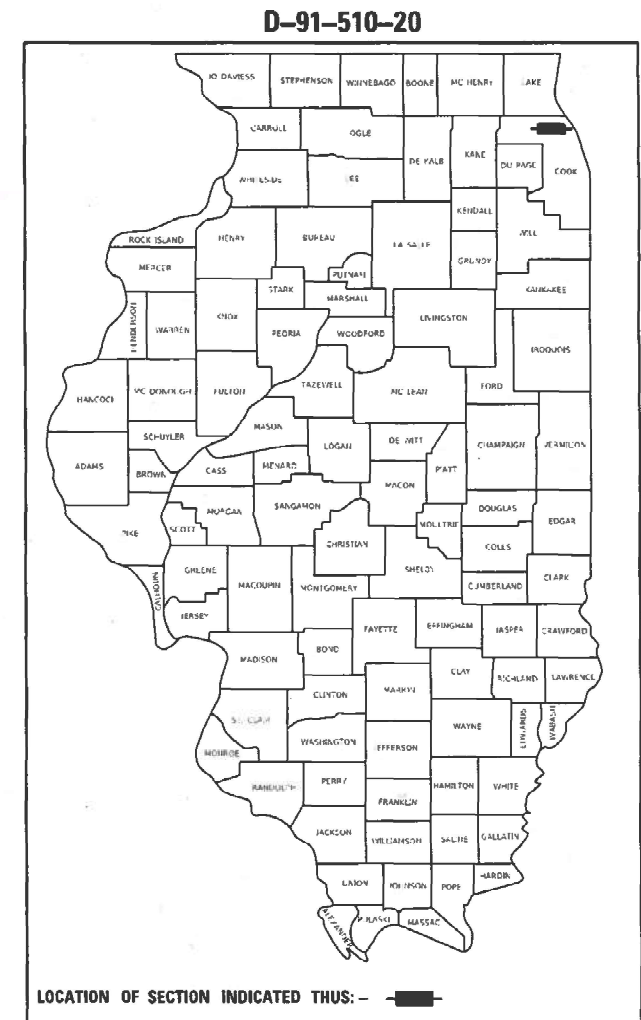


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	WILL	53	1
		ILLINOIS	CONTRACT NO. 62L89	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
**PROPOSED
 HIGHWAY PLANS**

FAP 377 DEMPSTER STREET
 EAST OF US 41 (SKOKIE BOULEVARD) TO McCORMICK BOULEVARD
 SECTION: 2020-111-RS
 PROJECT: NHPP-BQN8(104)
 SMART OVERLAY & ADA IMPROVEMENTS

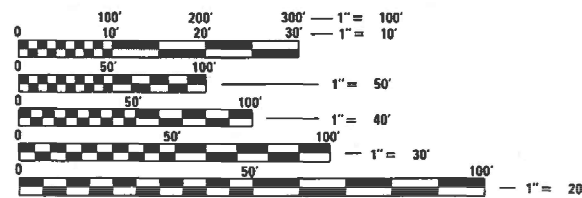
COOK COUNTY
 C-91-308-20



FOR INDEX OF SHEETS, SEE SHEET NO. 2

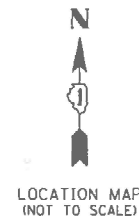
THE PROJECT IS LOCATED IN THE
 VILLAGE OF SKOKIE

TRAFFIC DATA:
 POSTED SPEED LIMIT = 35 MPH
 2019 ADT 32,000 WEST OF CRAWFORD
 2019 ADT 26,600 EAST OF CRAWFORD



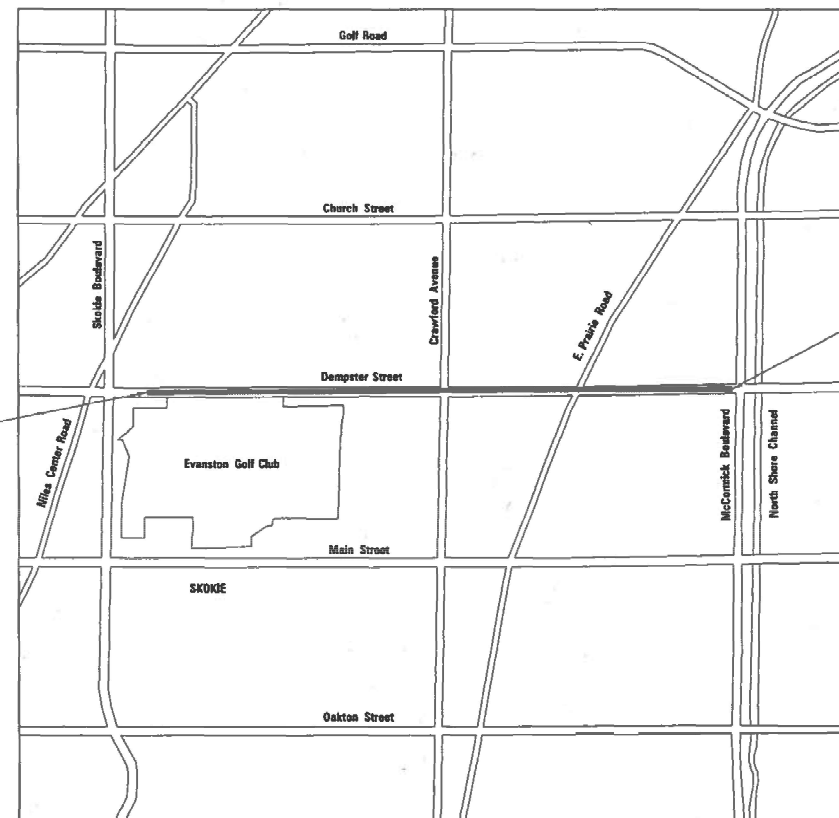
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
 ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
 CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
 ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
 1-800-892-0123 OR 811



PROJECT BEGINS
 STA. 22 + 69

T 41 N



PROJECT ENDS
 STA. 114 + 13

PROJECT ENGINEER: DANIEL WILGREEN, PE PHONE (847-705-4240)
 PROJECT MANAGER: FAWAD AQUEEL, PE, PTOE PHONE (847-705-4247)
 CONTRACT NO. 62L89

NILES TOWNSHIP
 GROSS LENGTH = 9144.0 FT = 1.732 MI
 NET LENGTH = 9144.0 FT = 1.732 MI



THOMAS N. STEVENS, P.E.
 DATE SIGNED: 3-3-2021
 EXPIRATION DATE: 11-30-2021

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

March 4 2021
John Piro / CRB
 REGIONAL ENGINEER

March 19 2021
Scott A. Elk
 ENGINEER OF DESIGN AND ENVIRONMENT

March 19 2021
James J. Gu
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
3-7	SUMMARY OF QUANTITIES
8	TYPICAL SECTIONS AND MIX TABLE
9-12	ROADWAY AND PAVEMENT MARKING PLANS
13-29	CURB RAMP DETAILS (ADA IMPROVEMENT)
30-35	DETECTOR LOOPS
36	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
37	PAVEMENT PATCHING FOR HMA SURFACE PAVEMENT (BD-22)
38	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
39	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
40	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
41	TYPICAL APPLICATION FOR RAISED REFLECTIVE PAVEMENT MARKERS (TC-11)
42	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
43	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
44	PAVEMENT MARKING LETTERS & SYMBOLS FOR TRAFFIC STAGING (TC-16)
45	AERIAL ROAD INFORMATION SIGN (TC-22)
46	DRIVEWAY ENTRANCE SIGNING (TC-26)
47	DISTRICT ONE DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (T5-07)
48-53	PROJECT DETAILS FOR CURB RAMPS (PD-01 TO PD-06)

STATE STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701427-05	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPER. FOR SPEED < 40MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD 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
886001-01	DETECTOR LOOP INSTALLATIONS

GENERAL NOTES

- ① BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
- ② THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE VILLAGE OF SKOKIE.
- ③ THE CONTRACTOR SHALL CONTACT THE DISTRICT ON TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK
- ④ THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ⑤ TWO WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT MR. FADI SULTAN, ARTERIAL TRAFFIC FIELD ENGINEER, AT FADI.SULTAN@ILLINOIS.GOV.
- ⑥ ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- ⑦ ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALLS BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT
- ⑧ 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 ENGINEER.
- ⑨ ALL FINAL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER
- ⑩ LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER
- ⑪ DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER
- ⑫ IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ⑬ FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT
- ⑭ THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT
- ⑮ DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- ⑯ PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- ⑰ WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1¼ INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- ⑱ BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDING IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- ⑲ THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION
- ⑳ ANY DETECTOR LOOPS DAMAGED BY PCC PATCHING OR PCC SURFACE REMOVAL VARIABLE DEPTH SHALL BE REPLACED IN KIND. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO QUANTIFY LOOP REPLACEMENTS NEEDED AND PROVIDE THE RESIDENT ENGINEER THIS INFO PRIOR TO REMOVAL.
- ㉑ CONCRETE SIDEWALK SHALL BE CONSTRUCTED TO PROVIDE ACCESS TO ALL PUSHBUTTONS. PREFERRED SLOPES OF 1.6% (1:64), MAXIMUM 2.0% (1:50).
- ㉒ IDOT FACILITIES ARE NOT LOCATED BY JULIE OR DIGGER. IDOT ELECTRICAL FACILITIES INCLUDING ROADWAY LIGHTING, FIBER OPTIC, ITS EQUIPMENT, TRAFFIC SIGNAL AND PUMP STATION FACILITIES ARE LOCATED BY THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR. AS OF THE LETTING DATE, CONTACT THE MEADE ELECTRIC COMPANY AT 773-287-7672.
- ㉓ THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY OR ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF ENGINEER.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND INDEX OF SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-R5	COOK	53	2
CONTRACT NO. 62L89				
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005
20101200	TREE ROOT PRUNING	EACH	17	17	
20200100	EARTH EXCAVATION	CU YD	134	134	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2019	2019	
25200110	SODDING, SALT TOLERANT	SQ YD	2019	2019	
25200200	SUPPLEMENTAL WATERING	UNIT	4	4	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	722	722	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	28	28	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	27304	27304	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	91	91	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	668	668	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	197	197	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	6	6	
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	5946	5946	
42001300	PROTECTIVE COAT	SQ YD	434	434	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	116	116	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	120	120	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8199	8199	
42400800	DETECTABLE WARNINGS	SQ FT	631	631	
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	60676	60676	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	264	264	

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* Specialty Items.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES		
SCALE:	SHEET OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-R5	COOK	53	3
			CONTRACT NO. 62L89	
		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	80% FED 20% STATE 0005	100% STATE 0005
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	9131	9131	
44000600	SIDEWALK REMOVAL	SQ FT	7450	7450	
44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQ YD	1171	1171	
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	23	23	
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	916	916	
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	132	132	
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	100	100	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	25	25	
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	37	37	
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	11	11	
60260100	INLETS TO BE ADJUSTED	EACH	1	1	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	4	4	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	38	38	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	27	27	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	101	101	
60600605	CONCRETE CURB, TYPE B	FOOT	381	381	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1321	1321	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	100	100	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	134	134	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10	

* Specialty Items.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-R5	COOK	53	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L89	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	80% FED 20% STATE 0005	100% STATE 0005	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	26149	26149		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6367	6367		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3634	3634		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	982	982		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1052	1052		
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1047	1047		
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	7	7		
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	2406	2406		
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	34	34		
* 89502376	REBUILD EXISTING HANDHOLE	EACH	11	11		
	X0320050 CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1		
	X0327611 REMOVE AND REINSTALL BRICK PAVER	SQ FT	490	490		
	X5537800 STORM SEWERS TO BE CLEANED 12"	FOOT	1790		1790	
	X6030310 FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	175	175		
	X7030005 TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	19005	19005		
* X8140238	REBUILD EXISTING DOUBLE HANDHOLE	EACH	5	5		
	Z0018500 DRAINAGE STRUCTURES TO BE CLEANED	EACH	54		54	
	Z0030850 TEMPORARY INFORMATION SIGNING	SQ FT	51	51		
	Z0033700 LONGITUDINAL JOINT SEALANT	FOOT	36576	36576		
<input type="checkbox"/>	Z0076600 TRAINEES	HOURS	500	500		
<input type="checkbox"/>	Z0076604 TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500		

* Specialty Items.

NON-PART 100% STATE

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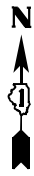
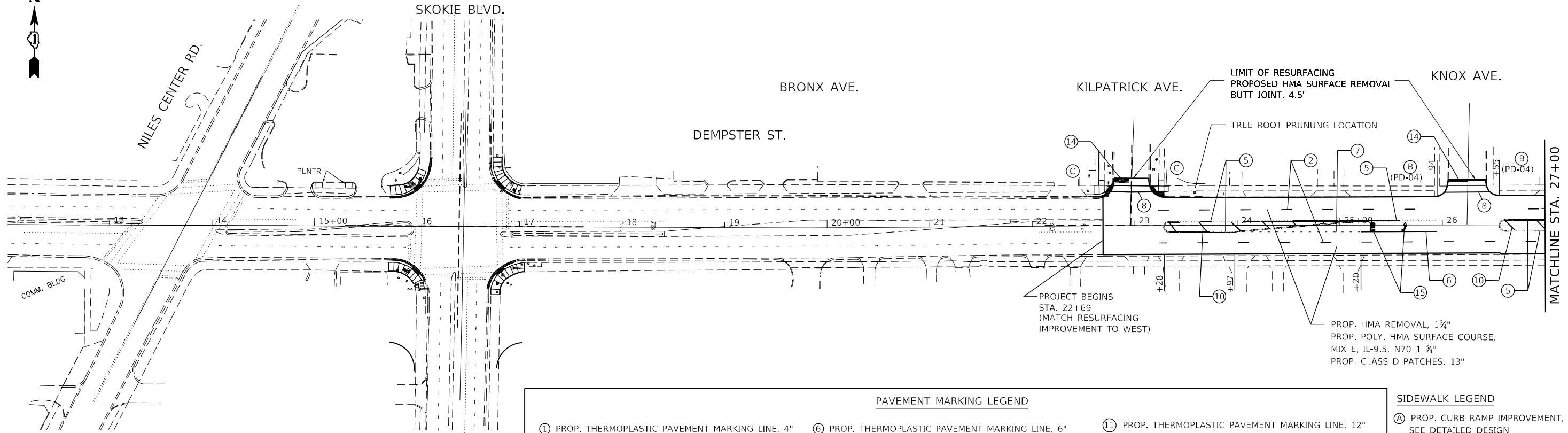
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-R5	COOK	53	6
			CONTRACT NO. 62L89	
ILLINOIS FED. AID PROJECT				



PLAN NOTE:

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D-1 DETAIL TC-13.

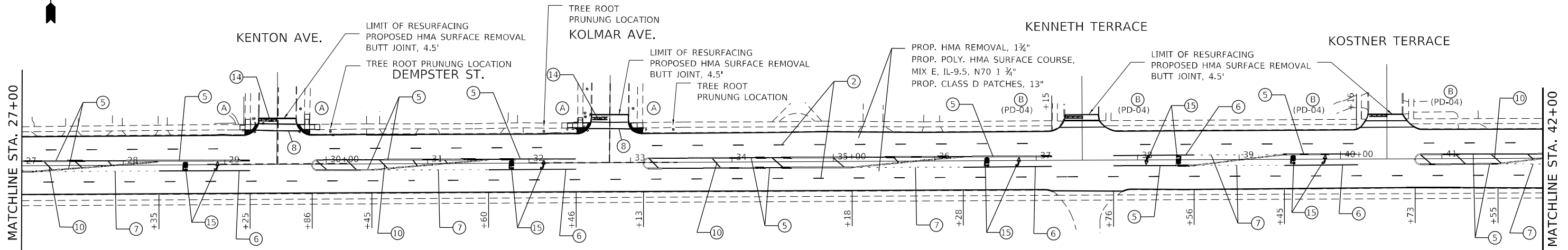
ALL RAISED REFLECTIVE PAVEMENT MARKERS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID WHITE EDGE LINE
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH YELLOW LINE @ 30' SKIP & 10' DASH
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE TURN LANE
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" SOLID WHITE CHANNELIZING LINE
- ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN.
- ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 90°, 2' SPACING
- ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE DIAGONAL @ 45°
- ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE TRANSVERSE LINE
- ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR
- ⑮ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE

SIDEWALK LEGEND

- (A) PROP. CURB RAMP IMPROVEMENT, SEE DETAILED DESIGN
- (B) SUGGESTED PROP. CURB RAMP IMPROVEMENT, SEE PD-01 TO PD-06
- (C) NO CURB RAMP IMPROVEMENT



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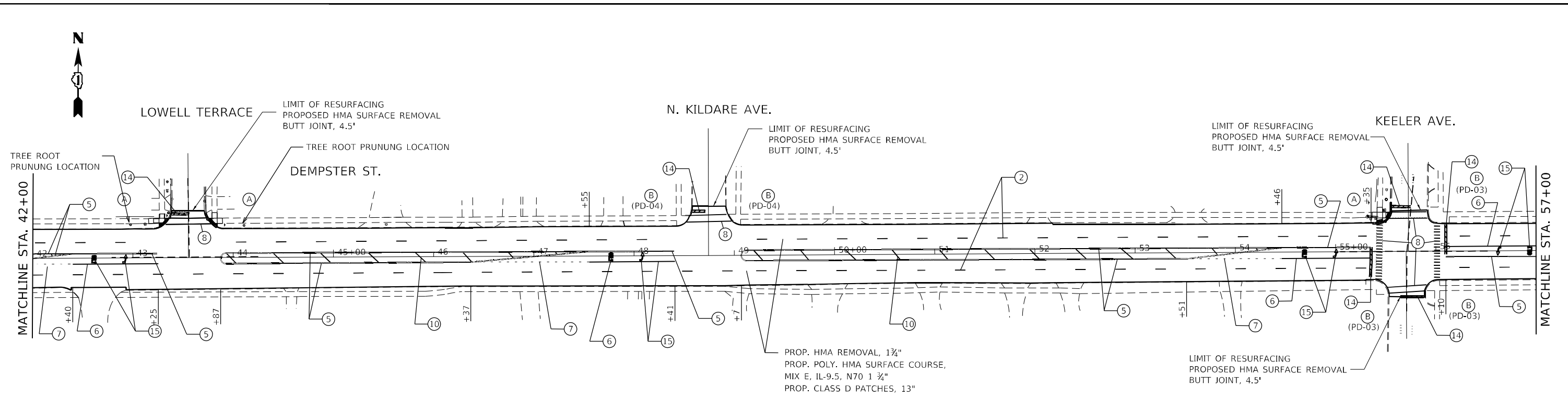
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN DEMPSTER ST.
(U.S. RTE. 41 TO McCORMICK BLVD.)**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

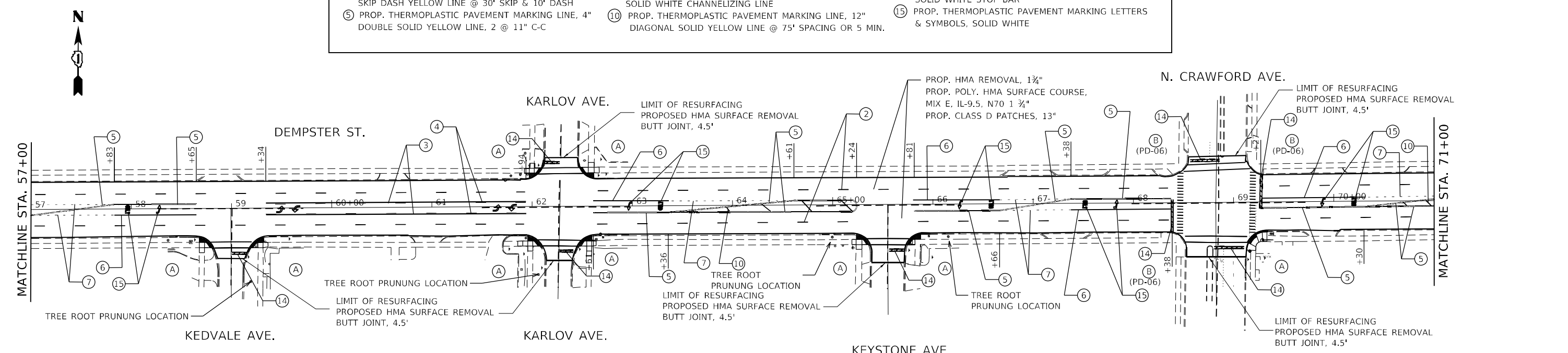
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JOB NO.	CONTRACT NO. 62L89			
ILLINOIS FED. AID PROJECT				



PLAN NOTE:
 ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D-1 DETAIL TC-13.
 ALL RAISED REFLECTIVE PAVEMENT MARKERS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

PAVEMENT MARKING LEGEND			
①	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID WHITE EDGE LINE	⑪	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 90°, 2' SPACING
②	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH	⑫	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE DIAGONAL @ 45°
③	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE	⑬	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE TRANSVERSE LINE
④	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH YELLOW LINE @ 30' SKIP & 10' DASH	⑭	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR
⑤	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C	⑮	PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE
⑥	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE TURN LANE		
⑦	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH		
⑧	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C		
⑨	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" SOLID WHITE CHANNELIZING LINE		
⑩	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN.		

SIDEWALK LEGEND	
(A)	PROP. CURB RAMP IMPROVEMENT, SEE DETAILED DESIGN
(B)	SUGGESTED PROP. CURB RAMP IMPROVEMENT, SEE PD-01 TO PD-06



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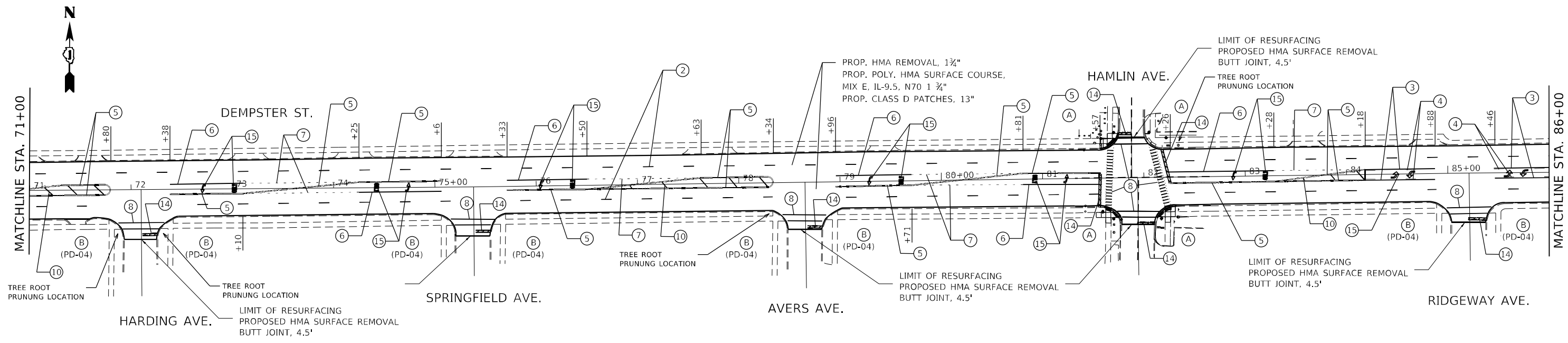


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PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN DEMPSTER ST. (U.S. RTE. 41 TO McCORMICK BLVD.)	
SCALE: 1"=50'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2020-111-R5	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 10
JOB NO.		CONTRACT NO. 62L89		
ILLINOIS FED. AID PROJECT				



PLAN NOTE:

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D-1 DETAIL TC-13.

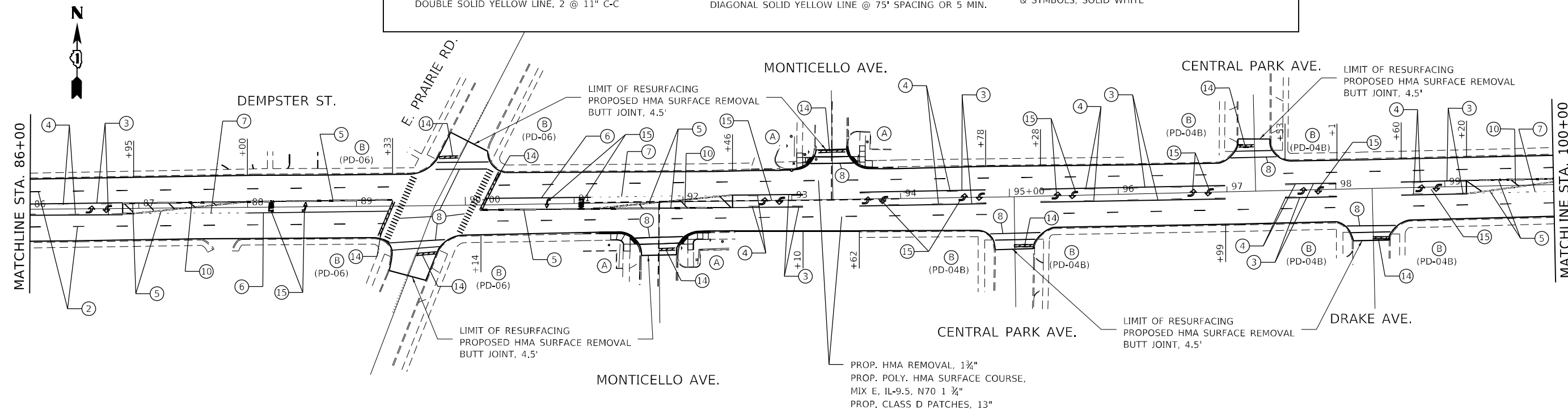
ALL RAISED REFLECTIVE PAVEMENT MARKERS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

PAVEMENT MARKING LEGEND

- | | | |
|---|---|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID WHITE EDGE LINE | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE TURN LANE | ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 90°, 2' SPACING |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH | ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE DIAGONAL @ 45° |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C | ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE TRANSVERSE LINE |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH YELLOW LINE @ 30' SKIP & 10' DASH | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" SOLID WHITE CHANNELIZING LINE | ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN. | ⑮ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE |

SIDEWALK LEGEND

- (A) PROP. CURB RAMP IMPROVEMENT, SEE DETAILED DESIGN
- (B) SUGGESTED PROP. CURB RAMP IMPROVEMENT, SEE PD-01 TO PD-06



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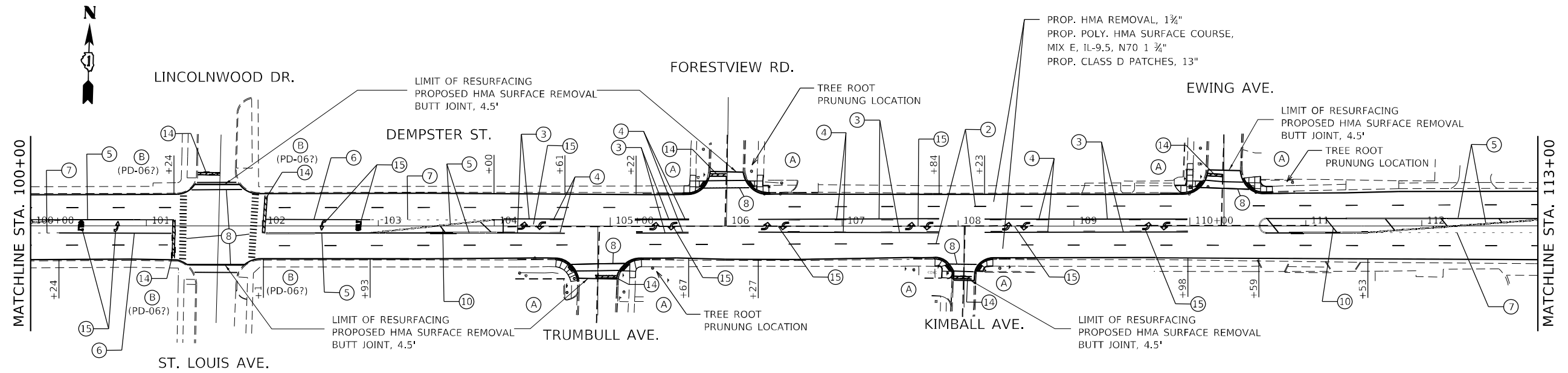


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PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN DEMPSTER ST. (U.S. RTE. 41 TO McCORMICK BLVD.)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		377	2020-111-R5	COOK	53	11
SCALE: 1"=50'		SHEET	OF	SHEETS	STA.	TO STA.

JOB NO.		CONTRACT NO. 62L89	
ILLINOIS		FED. AID PROJECT	



PLAN NOTE:

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D-1 DETAIL TC-13.

ALL RAISED REFLECTIVE PAVEMENT MARKERS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

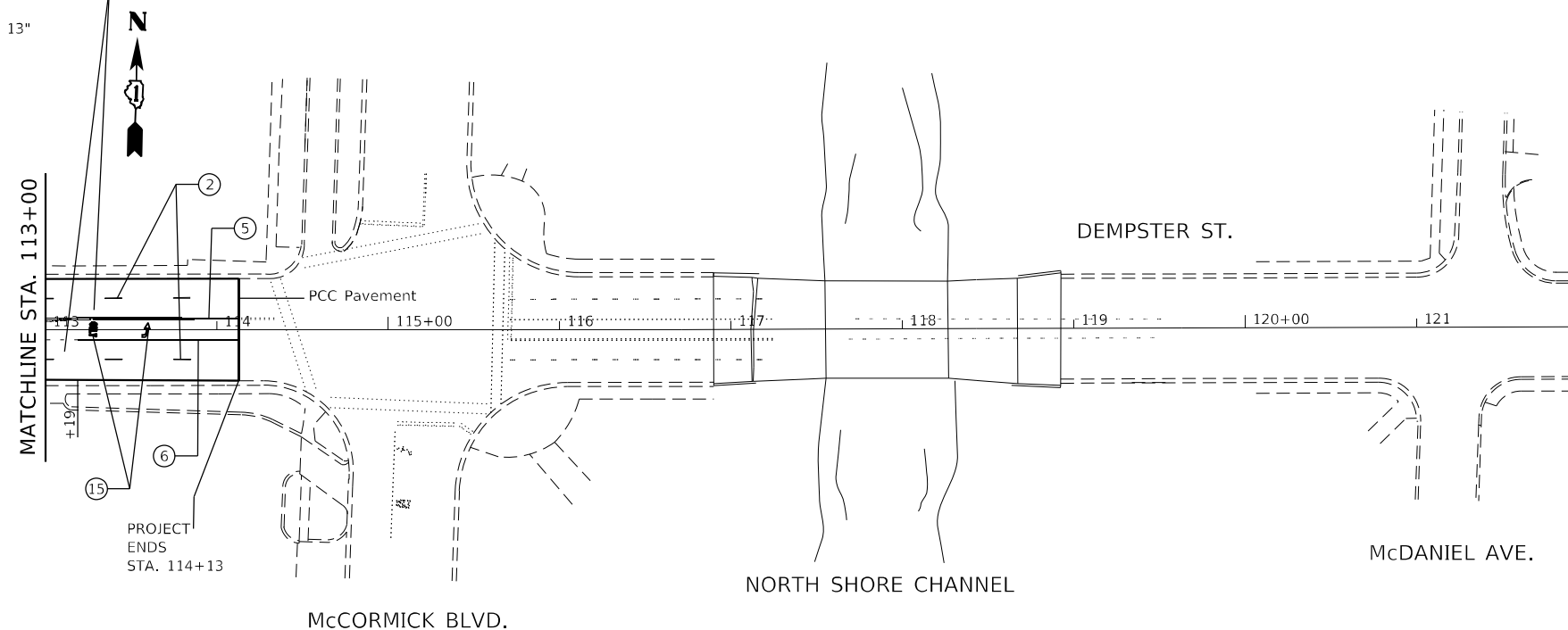
PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID WHITE EDGE LINE
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH YELLOW LINE @ 30' SKIP & 10' DASH
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE TURN LANE
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" SOLID WHITE CHANNELIZING LINE
- ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN.
- ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 90°, 2' SPACING
- ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SOLID WHITE DIAGONAL @ 45°
- ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE TRANSVERSE LINE
- ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR
- ⑮ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE

SIDEWALK LEGEND

- (A) PROP. CURB RAMP IMPROVEMENT, SEE DETAILED DESIGN
- (B) SUGGESTED PROP. CURB RAMP IMPROVEMENT, SEE PD-01 TO PD-06

PROP. HMA REMOVAL, 1 1/2"
 PROP. POLY. HMA SURFACE COURSE,
 MIX E, IL-9.5, N70 1 1/4"
 PROP. CLASS D PATCHES, 13"



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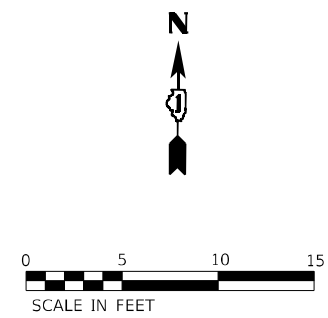
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	DRAWN -	REVISED -
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PLOT DATE = 3/5/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN DEMPSTER ST.
 (U.S. RTE. 41 TO McCORMICK BLVD.)**

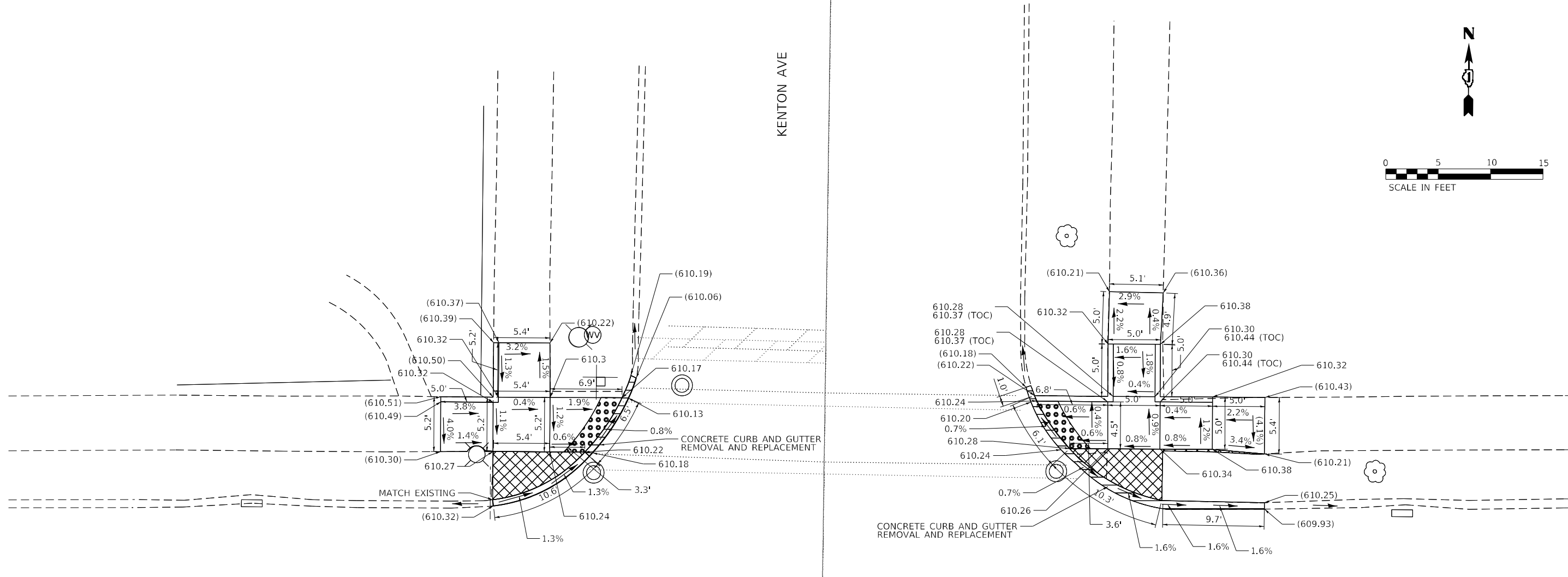
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-R5	COOK	53	12
JOB NO.	CONTRACT NO. 62L89			
ILLINOIS FED. AID PROJECT				



KENTON AVE






DEMPSTER ST.



TBM #1427
 BOLT WITH ARROW ON FIRE HYDRANT IN THE NORTHWEST CORNER OF
 DEMPSTER AND KENTON
 ELEV.: 612.737

 N: 1,958,038.704
 E: 1,144,786.032

LEGEND

	PROPOSED SIDEWALK		DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD		CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

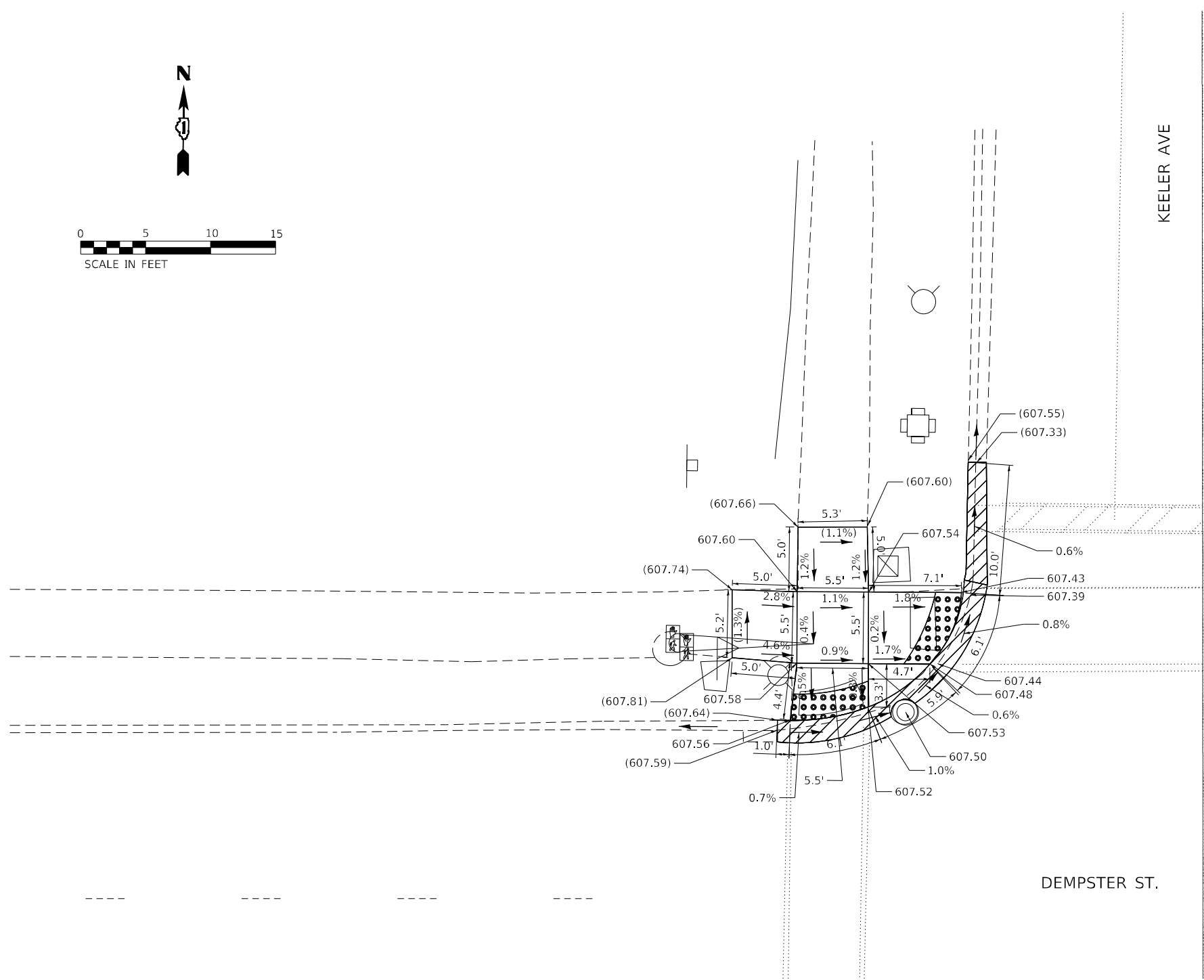
SIDEWALK RAMP DETAILS – DEMPSTER ST. AND KENTON AVE
DEMPSTER ST. (US 41 TO McCORMICK BLVD)
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	13
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				

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USER NAME = 2073	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE = 7/10/2020	REVISED -



KEELER AVE

DEMPSTER ST.

TBM #2157
 ARROW BOLT ON FIRE HYDRANT AT THE NORTHWEST CORNER OF
 DEPSTER AND KEELER
 ELEV.: 610.003

 N: 1,958,076.711
 E: 1,147,408.736

LEGEND

- PROPOSED SIDEWALK
- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
- () EXISTING ELEVATION/SLOPE
- DETECTABLE WARNINGS
- CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- PROPOSED SIDE CURB

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND KEELER AVE
DEMPSTER ST. (US 41 TO McCORMICK BLVD)

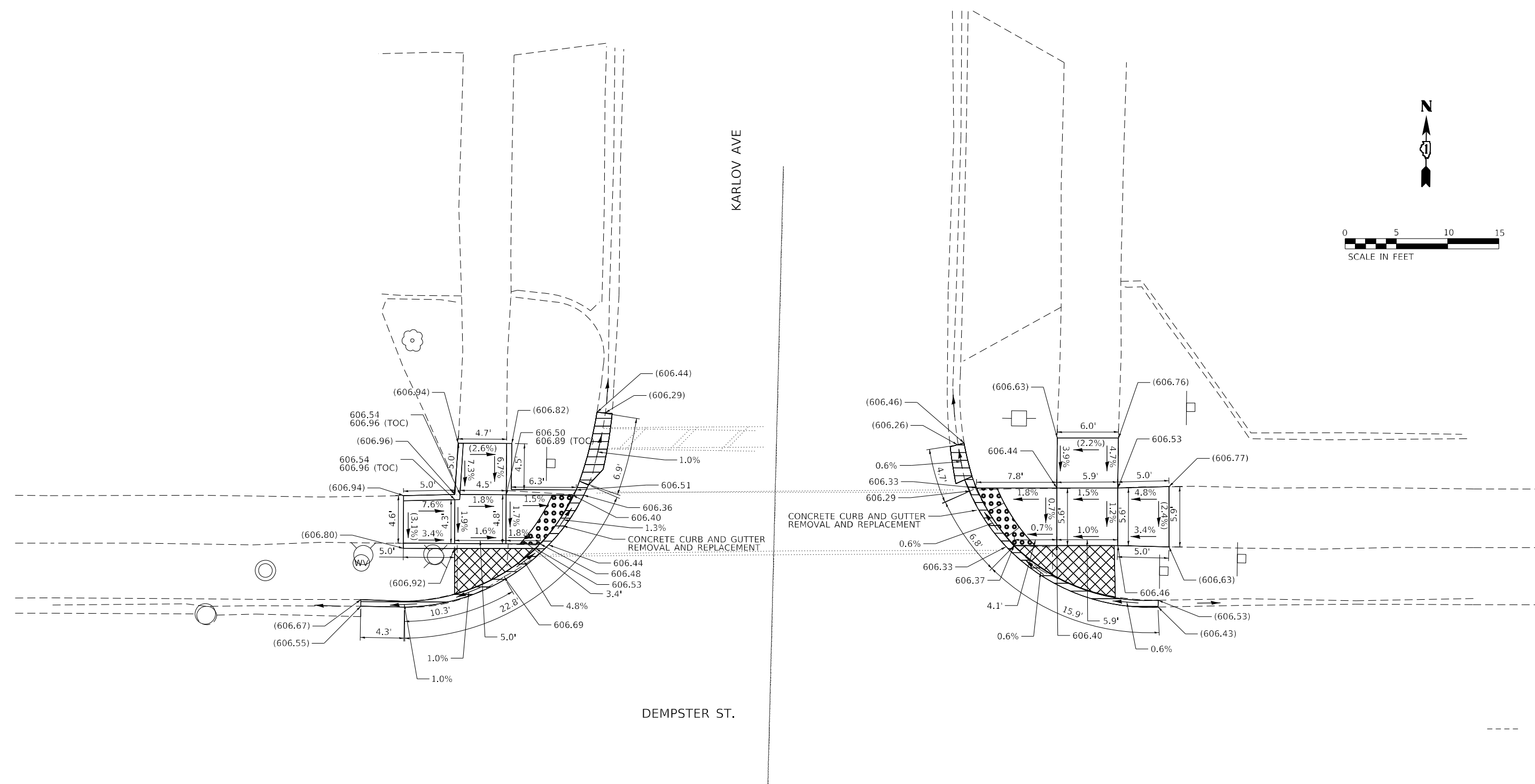
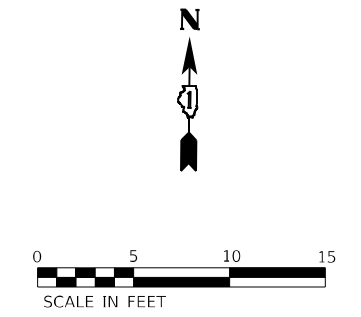
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	16
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				



USER NAME = 2073	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE = 7/10/2020	REVISED -

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TBM #3028
 ARROW BOLT ON FIRE HYDRANT AT THE NORTHWEST CORNER
 OF DEMPSTER AND KARLOV
 ELEV.: 609.228

N: 1,958,054.166
 E: 1,148,046.2704

LEGEND	
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
	EXISTING ELEVATION/SLOPE
	DETECTABLE WARNINGS
	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
	PROPOSED SIDE CURB

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND KARLOV AVE
 DEMPSTER ST. (US 41 TO McCORMICK BLVD)

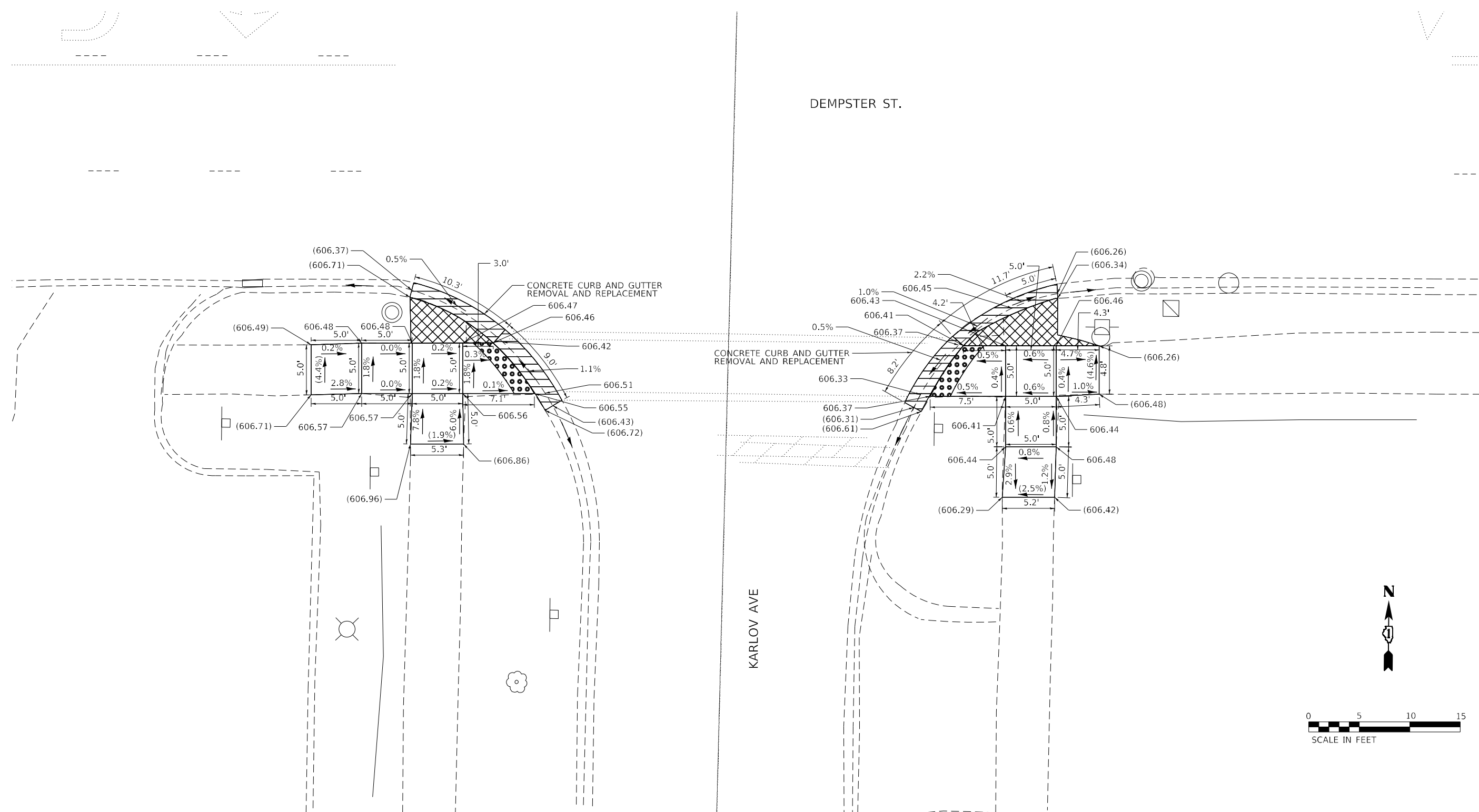


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PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2021	CHECKED -	REVISED -
	DATE = 7/10/2020	REVISED -

F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 18
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				

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TBM #3028
 ARROW BOLT ON FIRE HYDRANT AT THE NORTHWEST CORNER
 OF DEMPSTER AND KARLOV
 ELEV.: 609.228

N: 1,958,054.166
 E: 1,148,046.2704

LEGEND	
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
	EXISTING ELEVATION/SLOPE
	DETECTABLE WARNINGS
	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
	PROPOSED SIDE CURB

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND KARLOV AVE
 DEMPSTER ST. (US 41 TO McCORMICK BLVD)

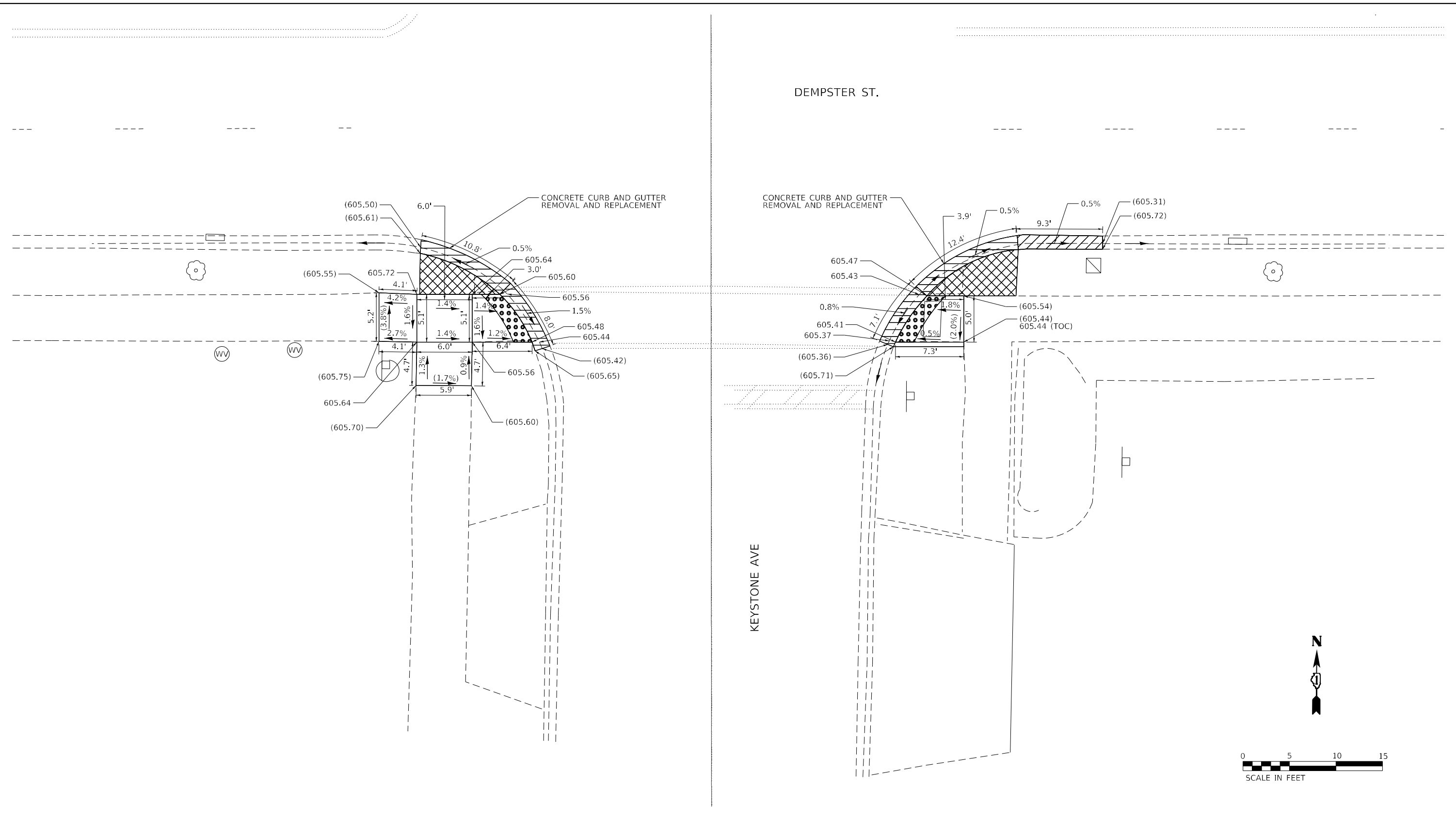
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.



USER NAME = 2073	DESIGNED -	REVISED -
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PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE - 7/10/2020	REVISED -

F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 19
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				






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TBM 3345
 BOX CUT ON NORTH SIDE OF CONCRETE SIGN BASE FOR STRIP MALL
 AT SOUTHWEST CORNER OF DEMPSTER AND KEYSTONE
 ELEV.: 607.857

 N: 1,957,982.149
 E: 1,148,378.675

LEGEND

	PROPOSED SIDEWALK		DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD		CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB



USER NAME = 2073	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2021	CHECKED -	REVISED -
	DATE - 7/10/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND KEYSTONE AVE
DEMPSTER ST. (US 41 TO McCORMICK BLVD)
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

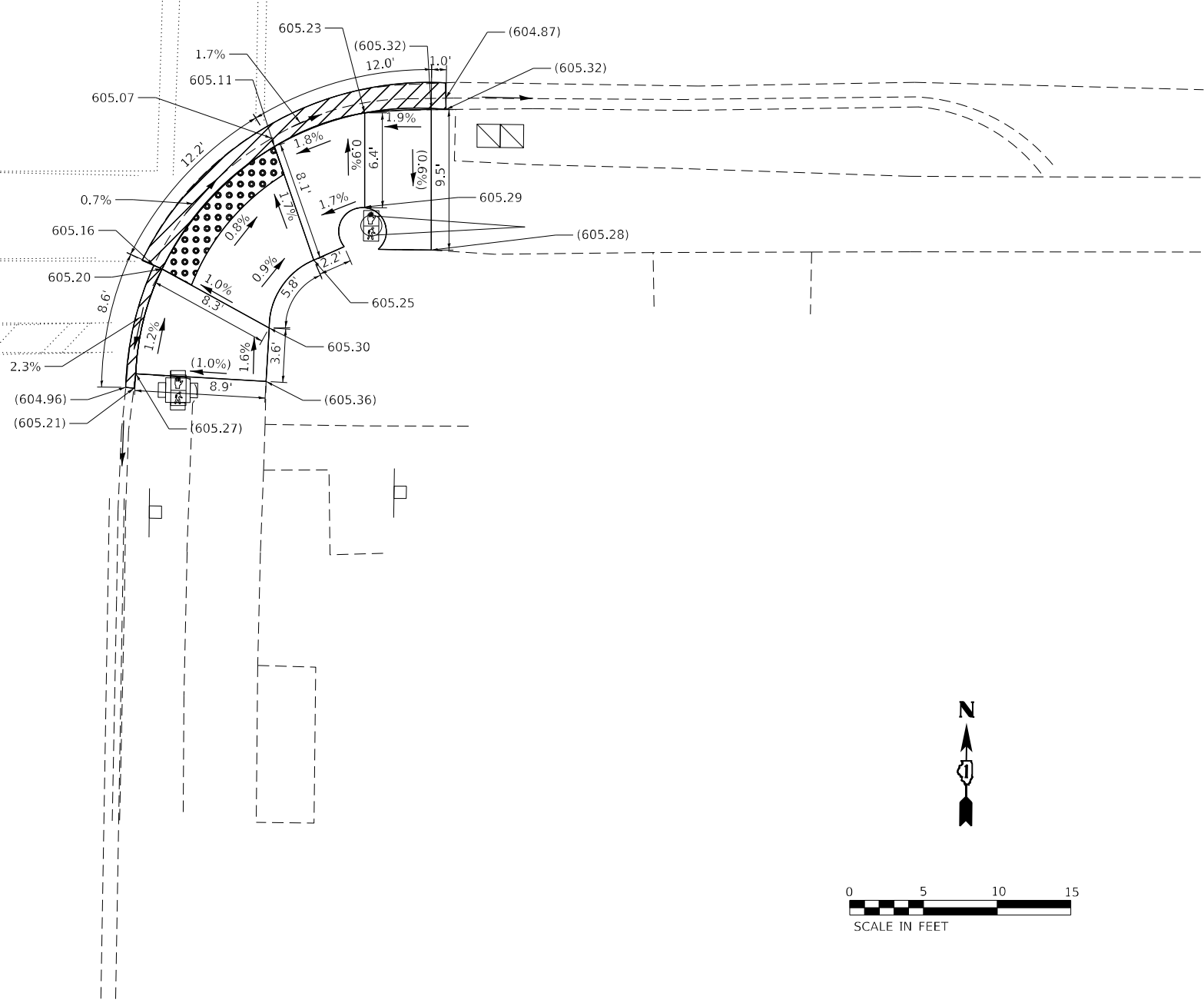
F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 20
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				

DEMPSTER ST.

CRAWFORD AVE



NLY



TBM #3418
 BOX CUT ON WEST SIDE OF CONCRETE T.S. MAST ARM SIGN BASE
 AT THE SOUTHEAST CORNER OF DEMPSTER AND CRAWFORD AVE.
 ELEV.: 605.503

 N: 1,957,990.336
 E: 1,148,785.728

LEGEND

-  PROPOSED SIDEWALK
-  SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
-  () EXISTING ELEVATION/SLOPE
-  DETECTABLE WARNINGS
-  CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
-  PROPOSED SIDE CURB

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND CRAWFORD AVE
 DEMPSTER ST. (US 41 TO McCORMICK BLVD)

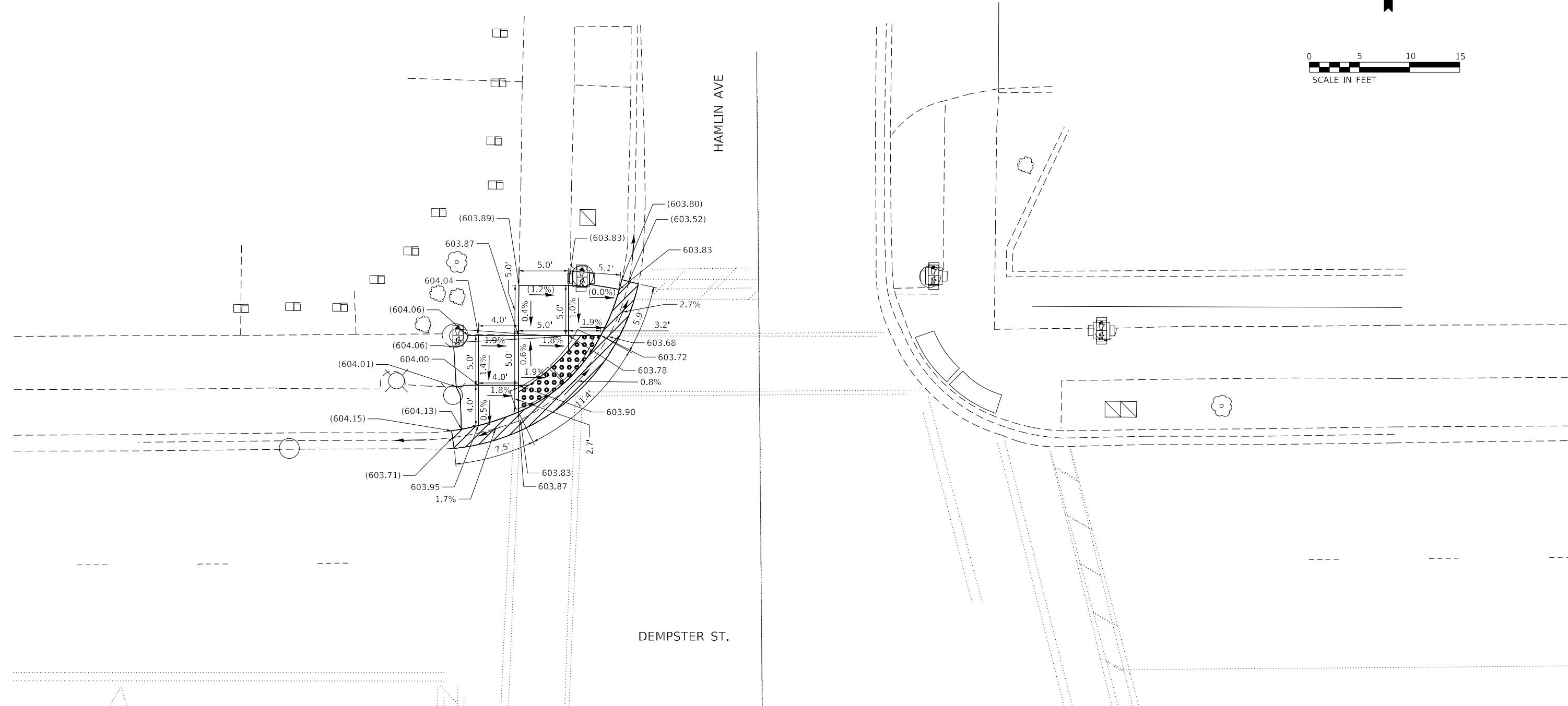
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	21
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				



USER NAME = 2073	DESIGNED -	REVISED -
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PLOT DATE = 3/5/2021	DATE - 7/10/2020	REVISED -

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TBM #3884
 BOX CUT ON THE NORTHWEST CORNER OF TCB AT THE SOUTHEAST CORNER
 OF DEMPSTER AND HAMLIN AVE.
 ELEV.: 604.165

N: 1,958,000.324
 E: 1,150,075.980

LEGEND

-  PROPOSED SIDEWALK
-  SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
-  EXISTING ELEVATION/SLOPE
-  DETECTABLE WARNINGS
-  CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
-  PROPOSED SIDE CURB

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND HAMLIN AVE
 DEMPSTER ST. (US 41 TO McCORMICK BLVD)

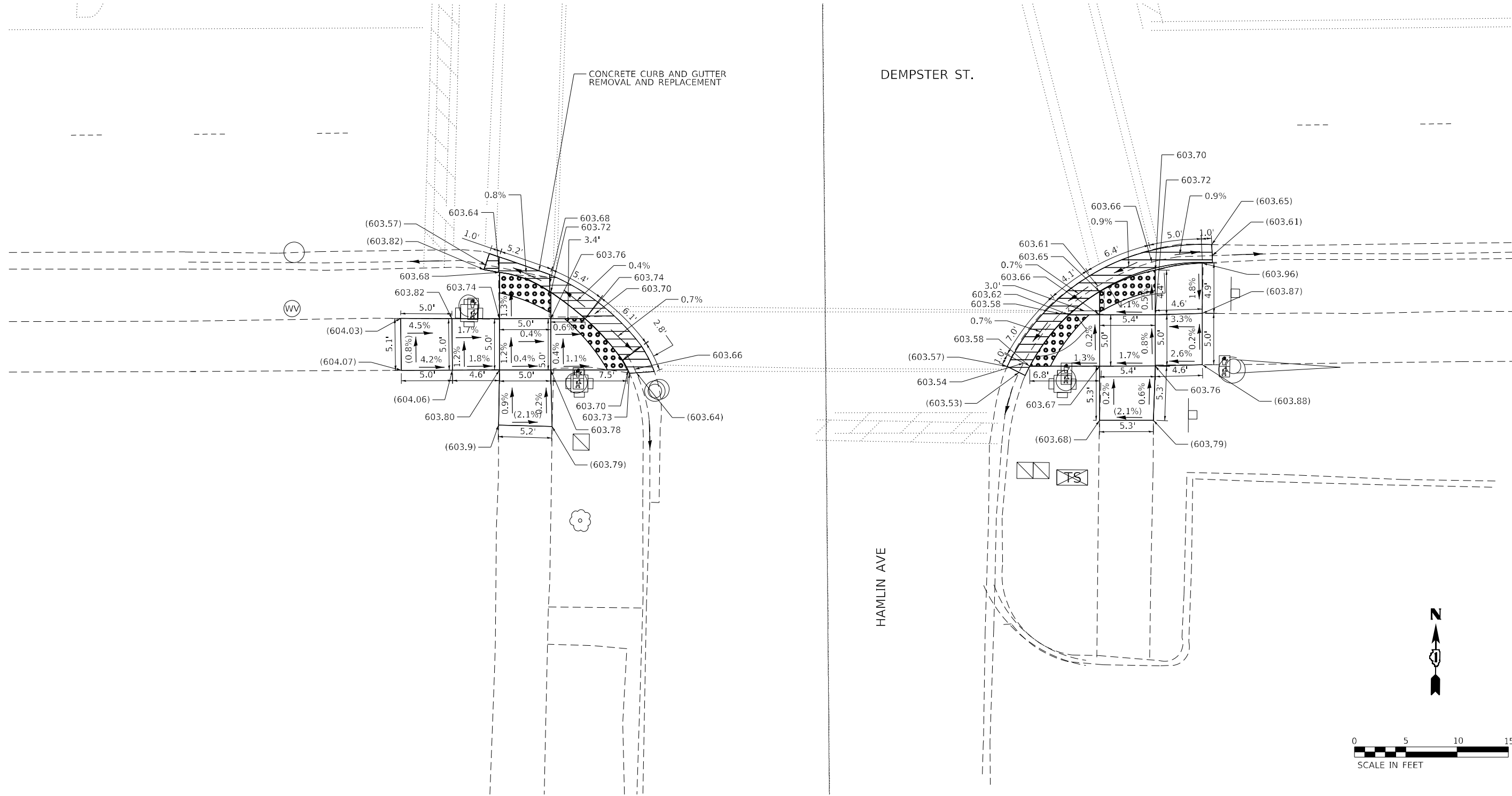
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	22
CONTRACT NO. 62L89				

ILLINOIS FED. AID PROJECT



USER NAME = 2073	DESIGNED -	REVISED -
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PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE = 7/10/2020	REVISED -



TBM #3884
 BOX CUT ON THE NORTHWEST CORNER OF TCB AT THE SOUTHEAST CORNER
 OF DEMPSTER AND HAMLIN AVE.
 ELEV.: 604.165

 N: 1,958,000.324
 E: 1,150,075.980

LEGEND			
[Empty Box]	PROPOSED SIDEWALK	[Grid Pattern]	DETECTABLE WARNINGS
[Cross-hatch Pattern]	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD	[Diagonal Lines]	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
()	EXISTING ELEVATION/SLOPE	[Solid Line]	PROPOSED SIDE CURB

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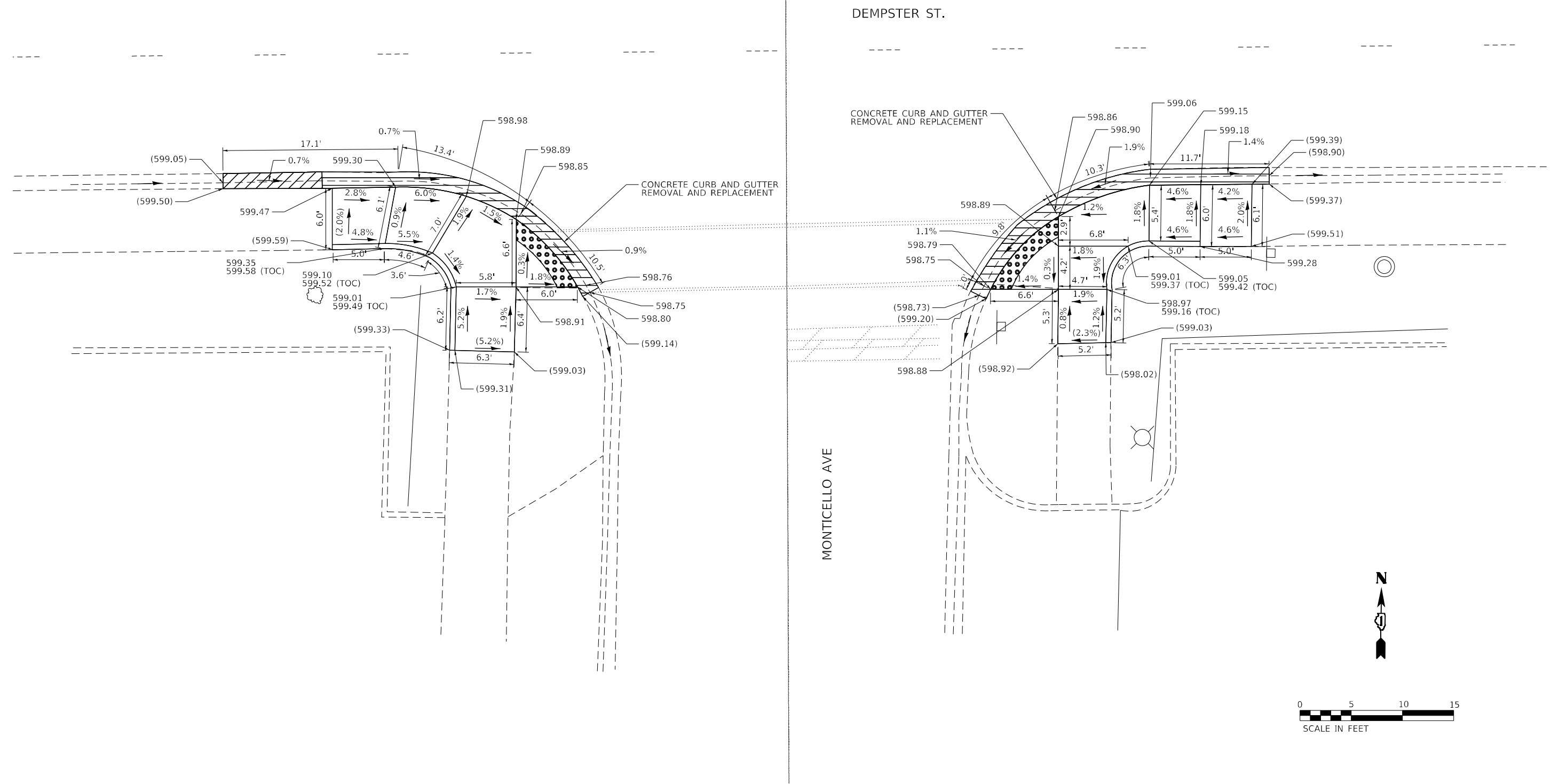
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PLOT DATE = 3/5/2021	CHECKED -	REVISED -
	DATE - 7/10/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - DEMPSTER ST. AND HAMLIN AVE			
DEMPSTER ST. (US 41 TO MCCORMICK BLVD)			
SCALE: 1" = 5'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 23
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				






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TBM #4612
 ARROW BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF
 DEMPSTER AND MONTICELLO AVE.
 ELEV.: 600.764

 N: 1,958,106.637
 E: 1,151,169.067

LEGEND

	PROPOSED SIDEWALK		DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD		CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB

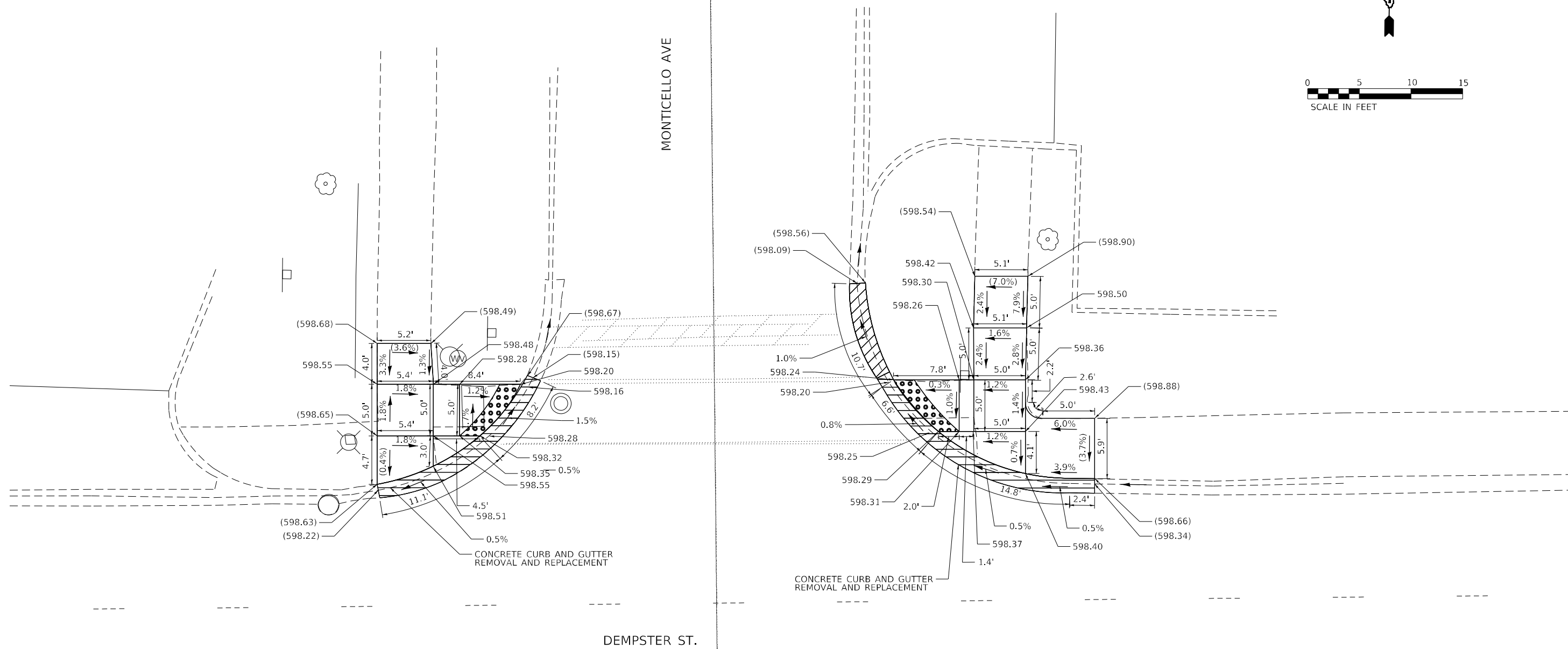
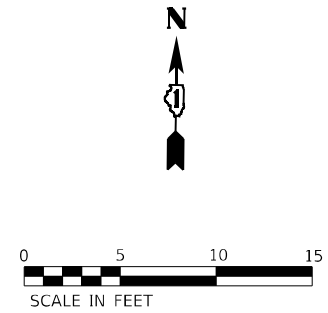


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DRAWN -	REVISIONS -	
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE - 7/10/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND MONTICELLO AVE
DEMPSTER ST. (US 41 TO McCORMICK BLVD)
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 24
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62L89



TBM #4200-4618
 ARROW BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF
 DEMPSTER AND MONTICELLO AVE.
 ELEV.: 600.764

N: 1,958,106.637
 E: 1,151,169.067

LEGEND	
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
	EXISTING ELEVATION/SLOPE
	DETECTABLE WARNINGS
	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
	PROPOSED SIDE CURB



USER NAME = 2073	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2021	CHECKED -	REVISED -
	DATE - 7/10/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

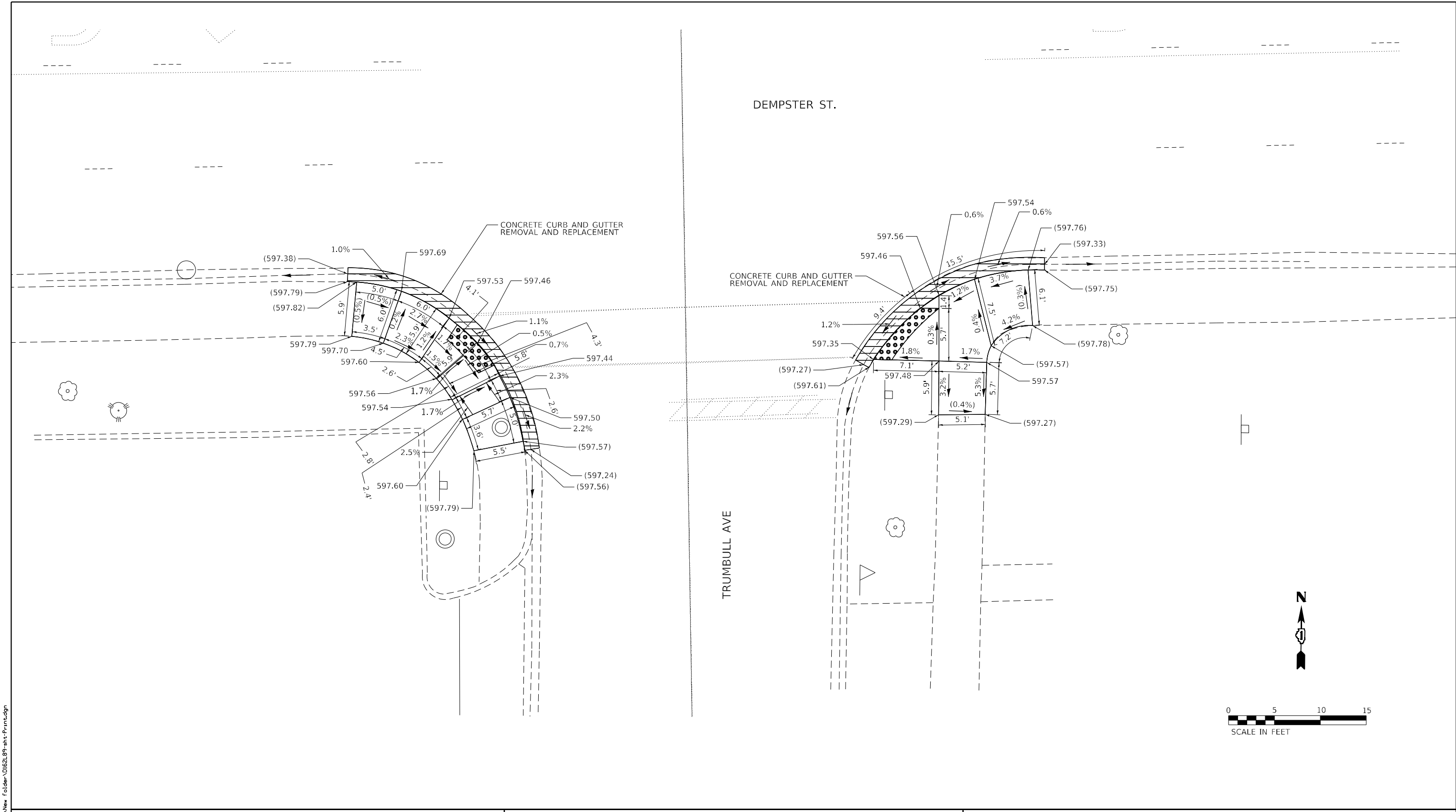
SIDEWALK RAMP DETAILS – DEMPSTER ST. AND MONTICELLO AVE
DEMPSTER ST. (US 41 TO McCORMICK BLVD)

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	25
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				

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FILE NAME = X:\OHA\2020\2020002-07_Design\08\New Folder\0162L89-shr-Print.dgn



TBM #4706
 BOX CUT ON THE SOUTH SIDE OF CONCRETE LIGHT POLE BASE AT THE
 NORTHEAST CORNER OF DEMPSTER AND FORESTVIEW
 ELEV.: 597.58

 N: XXXX
 E: XXXX

LEGEND

	PROPOSED SIDEWALK		DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD		CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
	() EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB



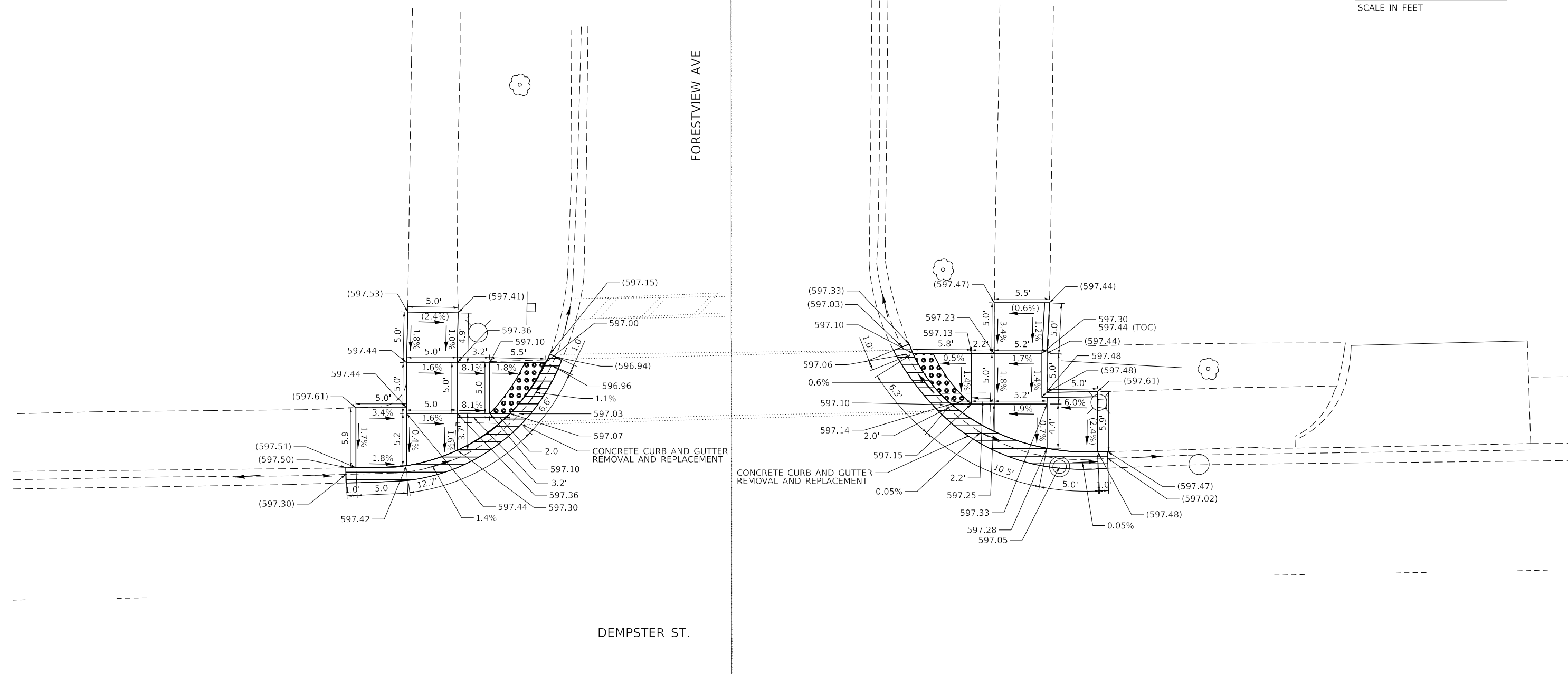
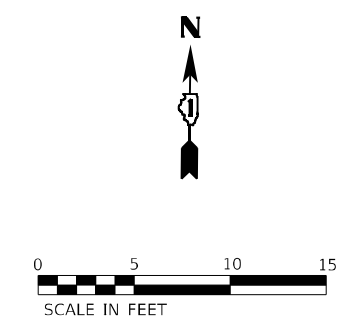
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PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2021	CHECKED -	REVISED -
	DATE = 7/10/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND TRUMBULL AVE
DEMPSTER ST. (US 41 TO McCORMICK BLVD)

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.






F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 26
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				



TBM #4706
 BOX CUT ON THE SOUTH SIDE OF CONCRETE LIGHT POLE BASE AT THE
 NORTHEAST CORNER OF DEMPSTER AND FORESTVIEW
 ELEV.: 597.584

N: 1,958,130.507
 E: 1,152,493.829

LEGEND

	PROPOSED SIDEWALK		DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD		CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND FORESTVIEW AVE
DEMPSTER ST. (US 41 TO McCORMICK BLVD)

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

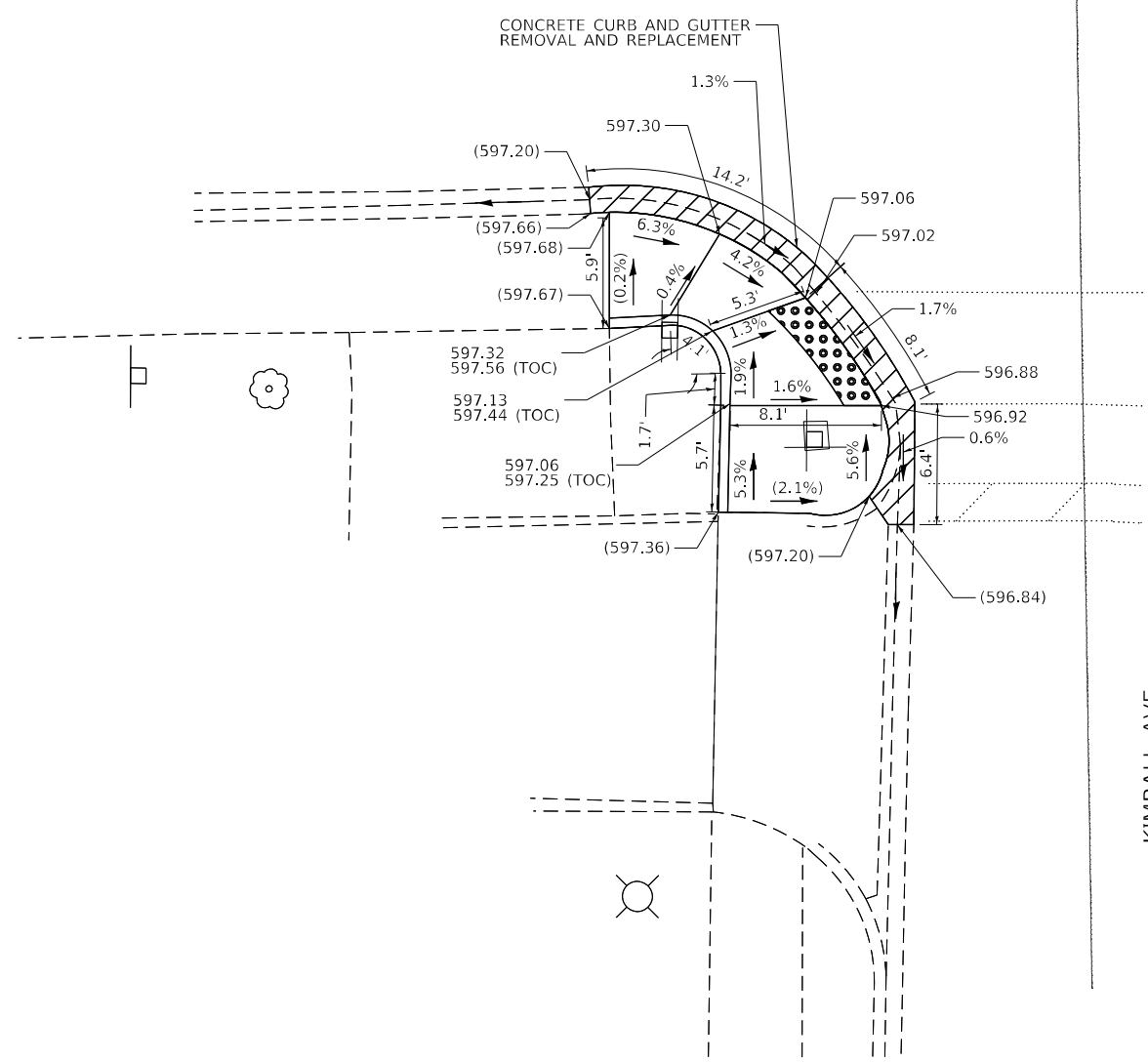
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	27
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				

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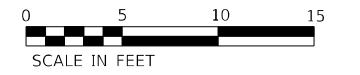


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	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE = 7/10/2020	REVISED -

DEMPSTER ST.



KIMBALL AVE



TBM #5274
 BOX CUT ON THE NORTH SIDE OF CONCRETE SIGN BASE FOR ONEWAY
 SIGN AT THE SOUTHWEST CORNER OF DEMPSTER AND KIMBALL
 ELEV.: 597.275

 N: 1,958,060.807
 E: 1,152,649.330

LEGEND

- PROPOSED SIDEWALK
- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
- EXISTING ELEVATION/SLOPE
- DETECTABLE WARNINGS
- CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- PROPOSED SIDE CURB

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND KIMBALL AVE
 DEMPSTER ST. (US 41 TO McCORMICK BLVD)

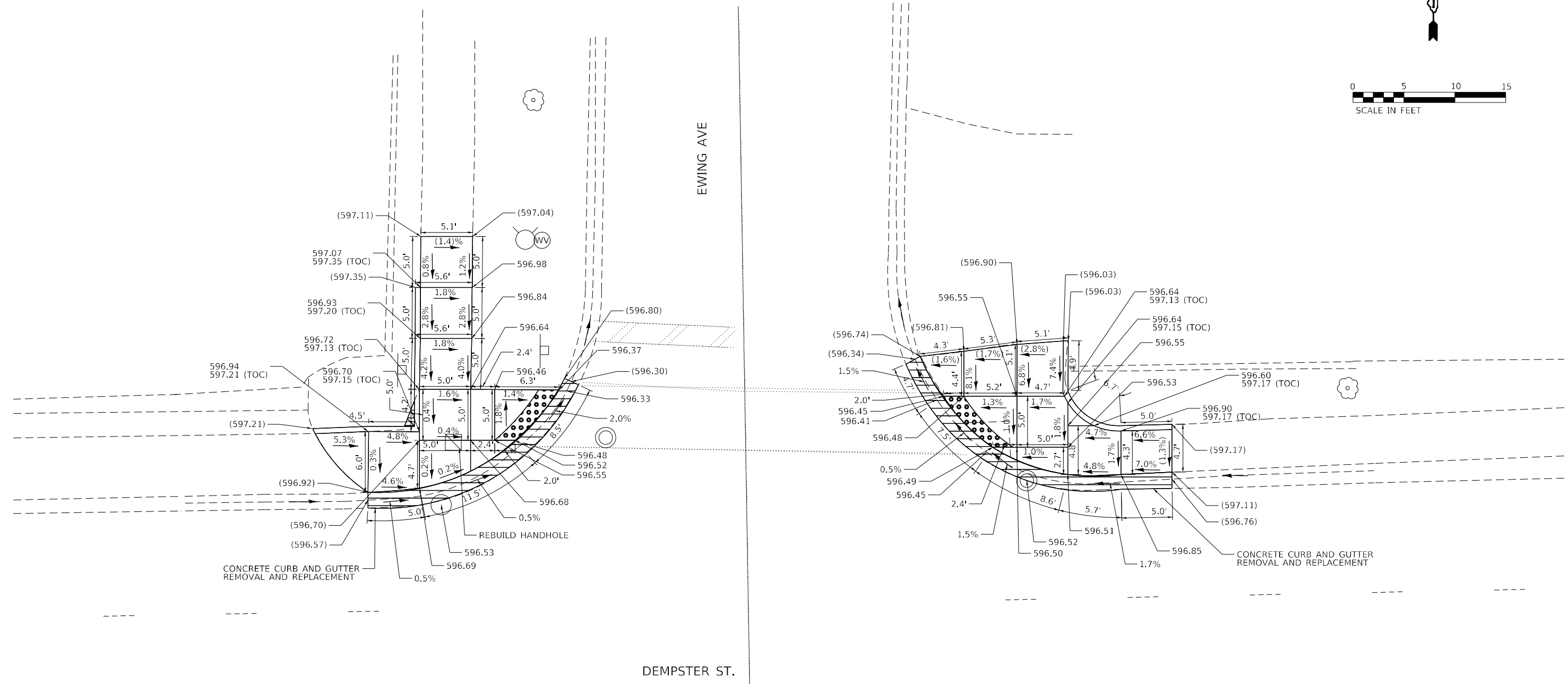
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	28
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				



USER NAME = 2073	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/5/2021	DATE = 7/10/2020	REVISED -

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TBM #5398
ARROW BOLT ON FIRE HYDRANT AT THE NORTHWEST CORNER OF
DEMPSTER AND EWING
ELEV.: 599.415

N: 1,958,159.970
E: 1,152,863.656

LEGEND

-  PROPOSED SIDEWALK
-  SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
-  () EXISTING ELEVATION/SLOPE
-  DETECTABLE WARNINGS
-  CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
-  PROPOSED SIDE CURB



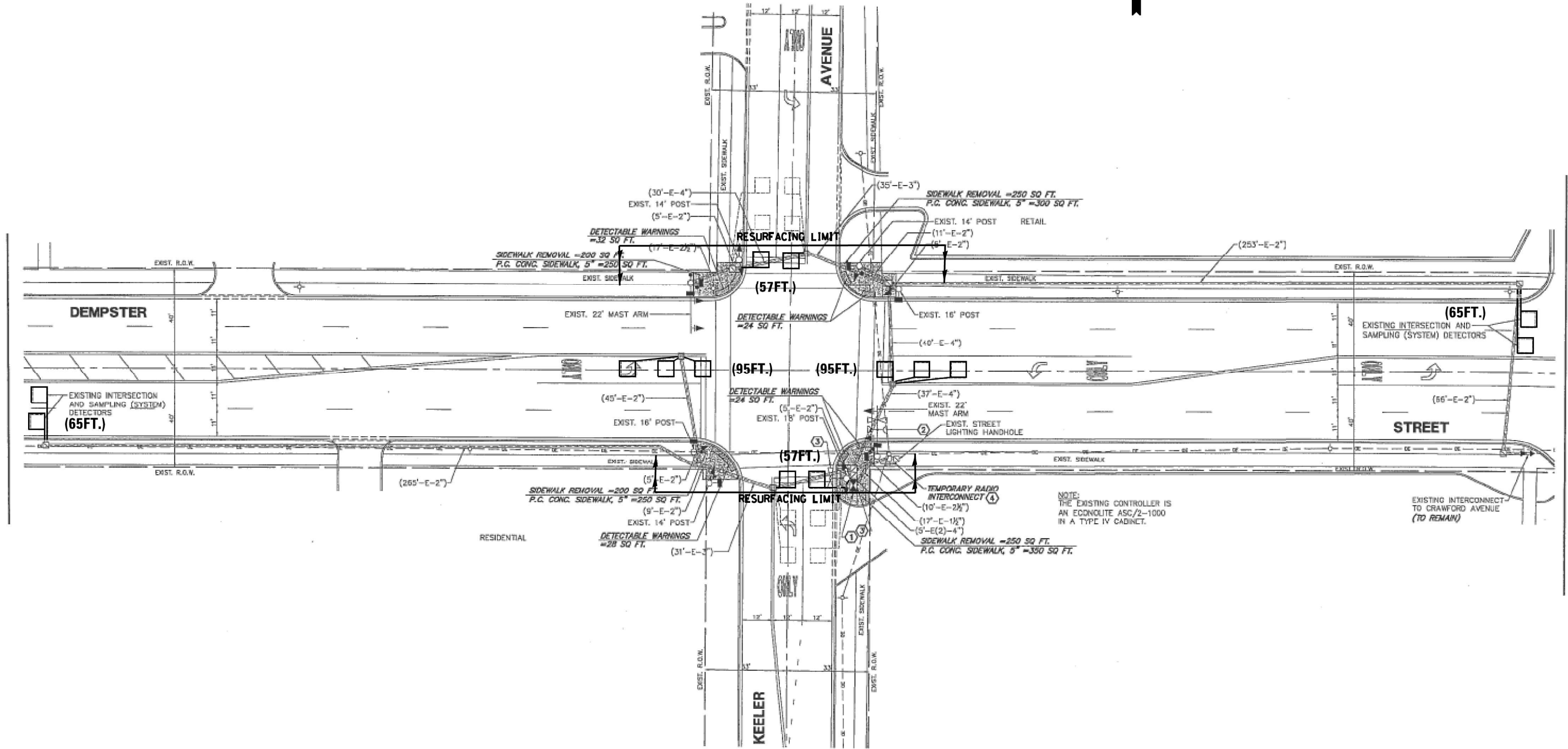
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PLOT DATE = 3/5/2021	DATE - 7/10/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – DEMPSTER ST. AND EWING AVE
DEMPSTER ST. (US 41 TO McCORMICK BLVD)
SCALE: 1" = 5'

F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 29
CONTRACT NO. 62L89				
ILLINOIS FED. AID PROJECT				

SHEET OF SHEETS STA. TO STA.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

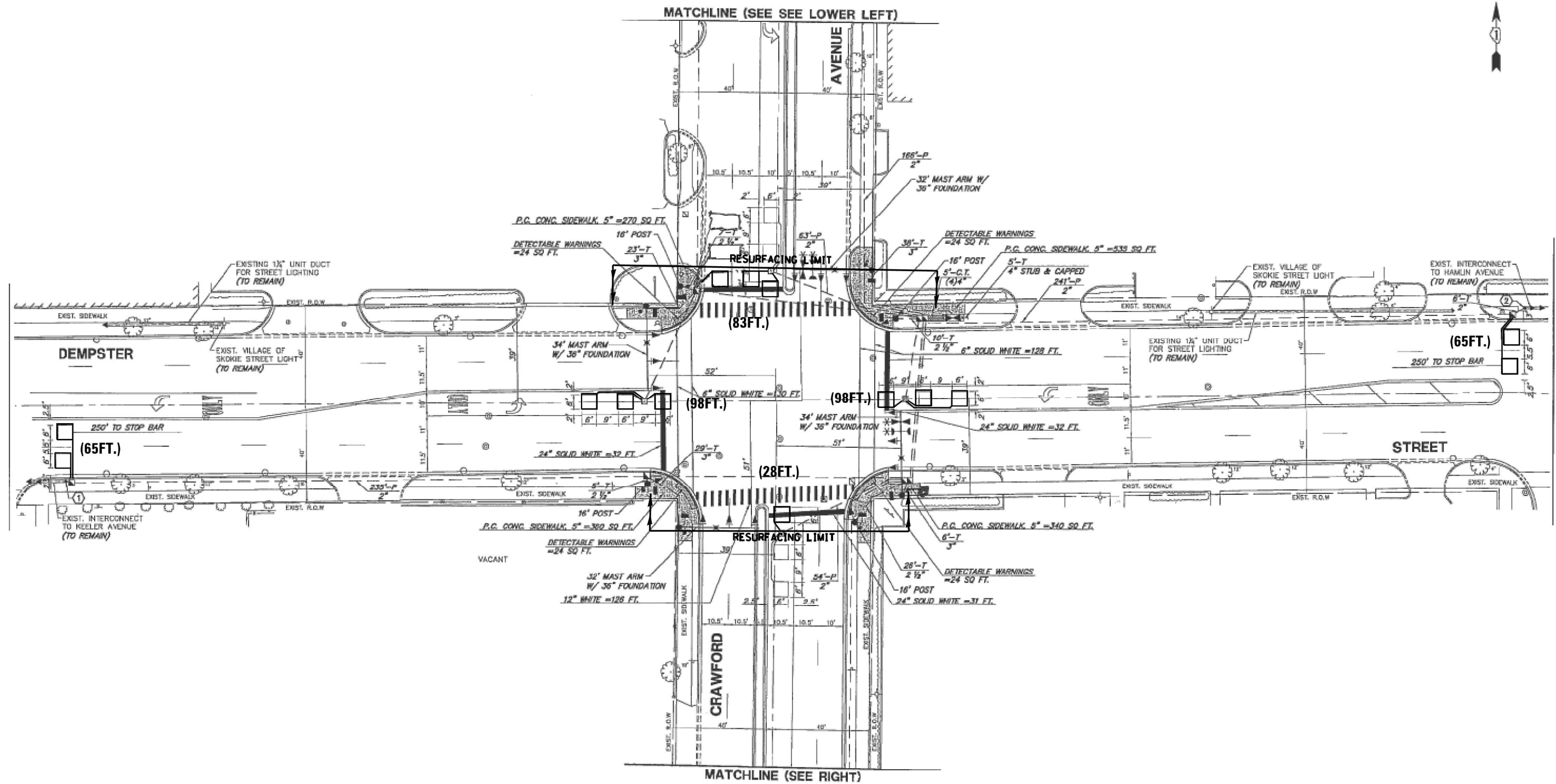
NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	434	FOOT

**TS#5030
ECON 14**

FILE NAME = 	USER NAME = mezag DESIGN - Steven M. Nguyen DRAWN - Gonzalo Meza PLOT SCALE = 48.0000' / in. PLOT DATE = 2/5/2021	REVISIONS: REVISION 1 - Steven M. Nguyen REVISION 2 - Gonzalo Meza REVISION 3 - Steven M. Nguyen REVISION 4 - Steven M. Nguyen DATE - 01/12/2021	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN DEMPSTER ST. AT KEELER AVE.	F.A.P. RTE. 377 SECTION 2020-111-RS COUNTY COOK TOTAL SHEETS 53 SHEET NO. 30 CONTRACT NO. 62L89	ILLINOIS FED. AID PROJECT
	SCALE: SHEET OF SHEETS STA. TO STA.					



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

NOTES:

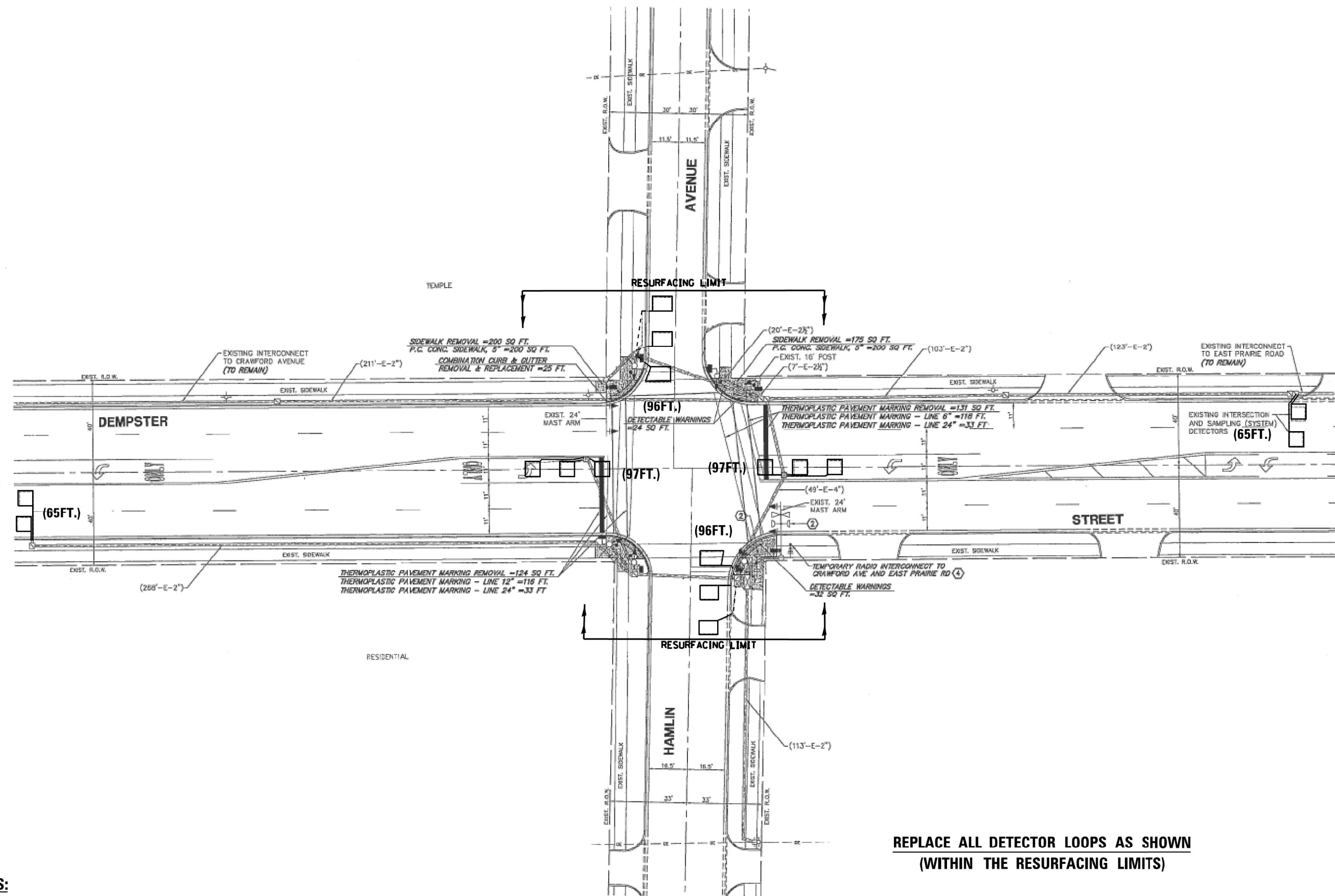
1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	437	FOOT

**TS#5015
ECON 14**

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	PLLOT DATE = 2/5/2021	DATE - 01/12/2021	REVISED -	CONTRACT NO. 62L89						





**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

NOTES:

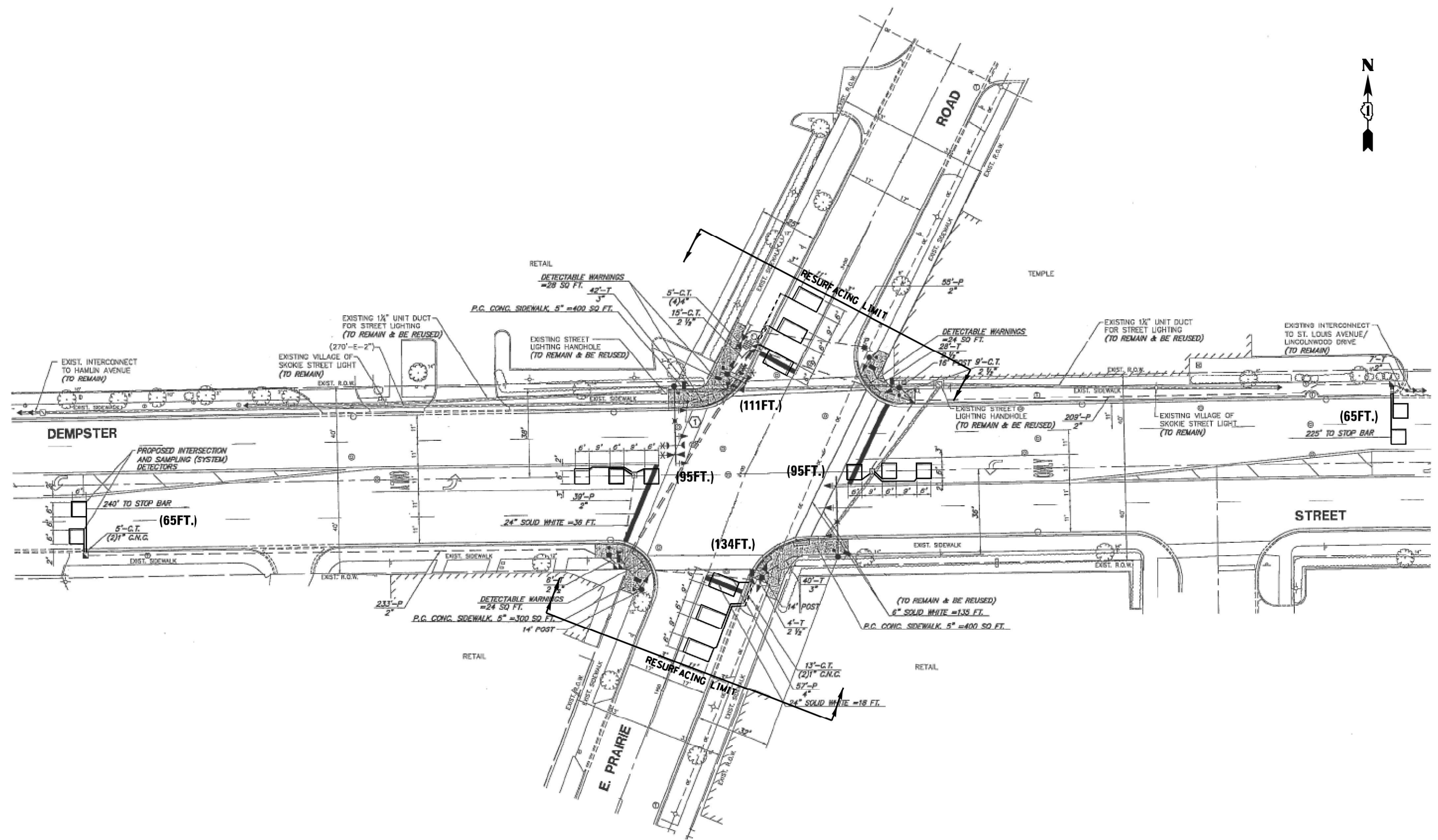
1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	516	FOOT

**TS#5017
ECON 14**

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	PLOT SCALE = 48.0000' / in. PLOT DATE = 2/5/2021	CHECKED - Steven M. Nguyen DATE - 01/12/2021	SCALE:			SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 62L89 ILLINOIS FED. AID PROJECT			





**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

NOTES:

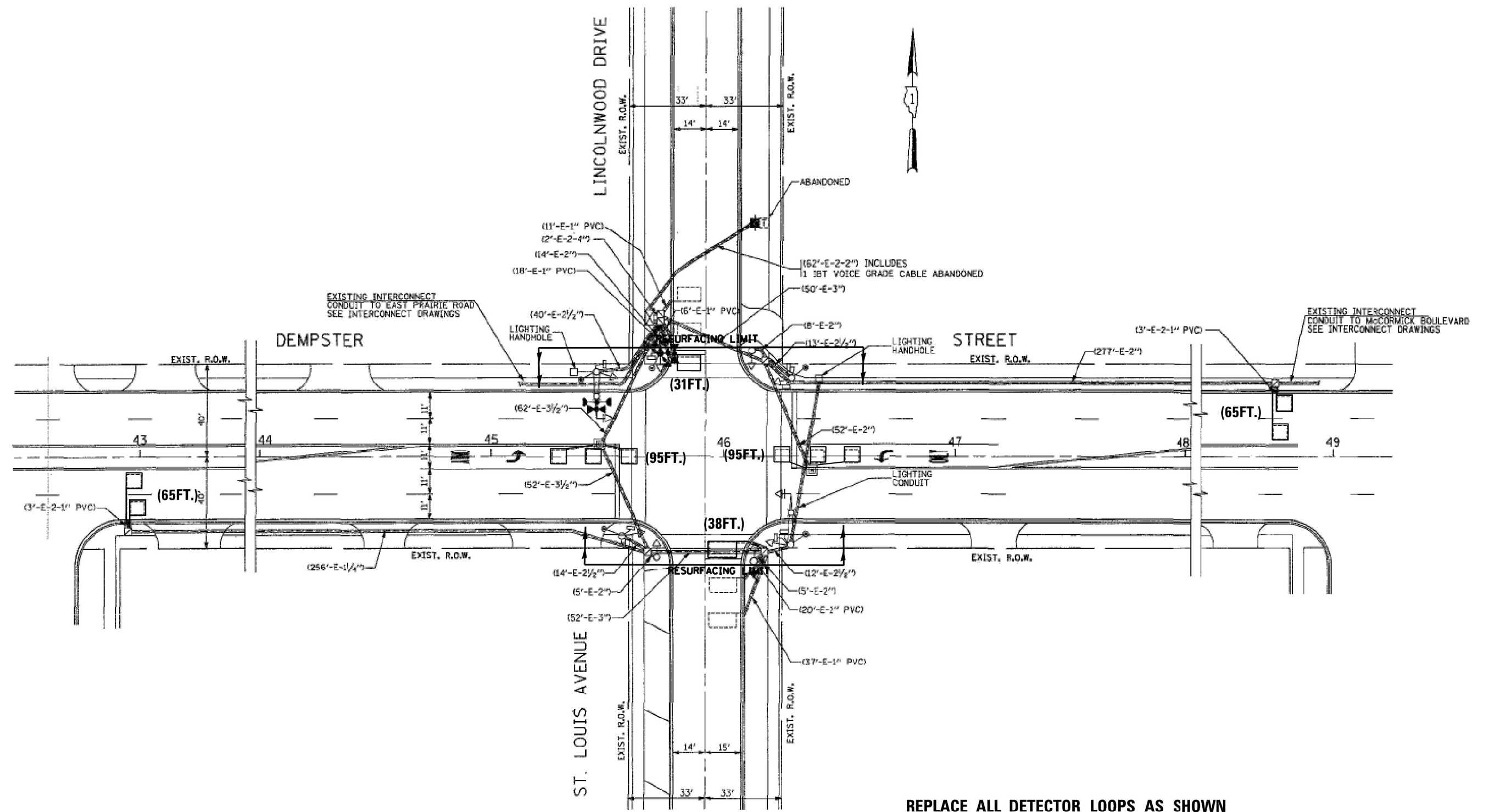
1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	565	FOOT

**TS#5020
ECON 14**

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN DEMPSTER ST. AT E PRAIRIE RD.				F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 33
Plot Date = 2/5/2021	Plot Scale = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	
		DATE - 01/12/2021	REVISED -		CONTRACT NO. 62L89								
					CONTRACT NO. 62L89								





**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	389	FOOT

**TS#C0418
ECON 14**

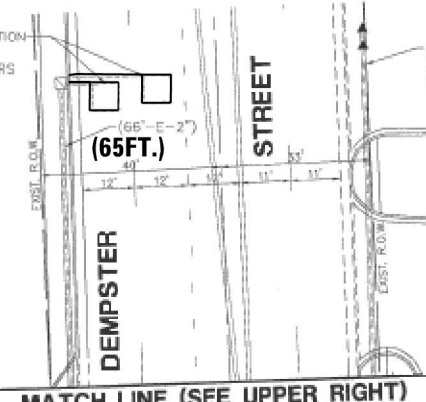
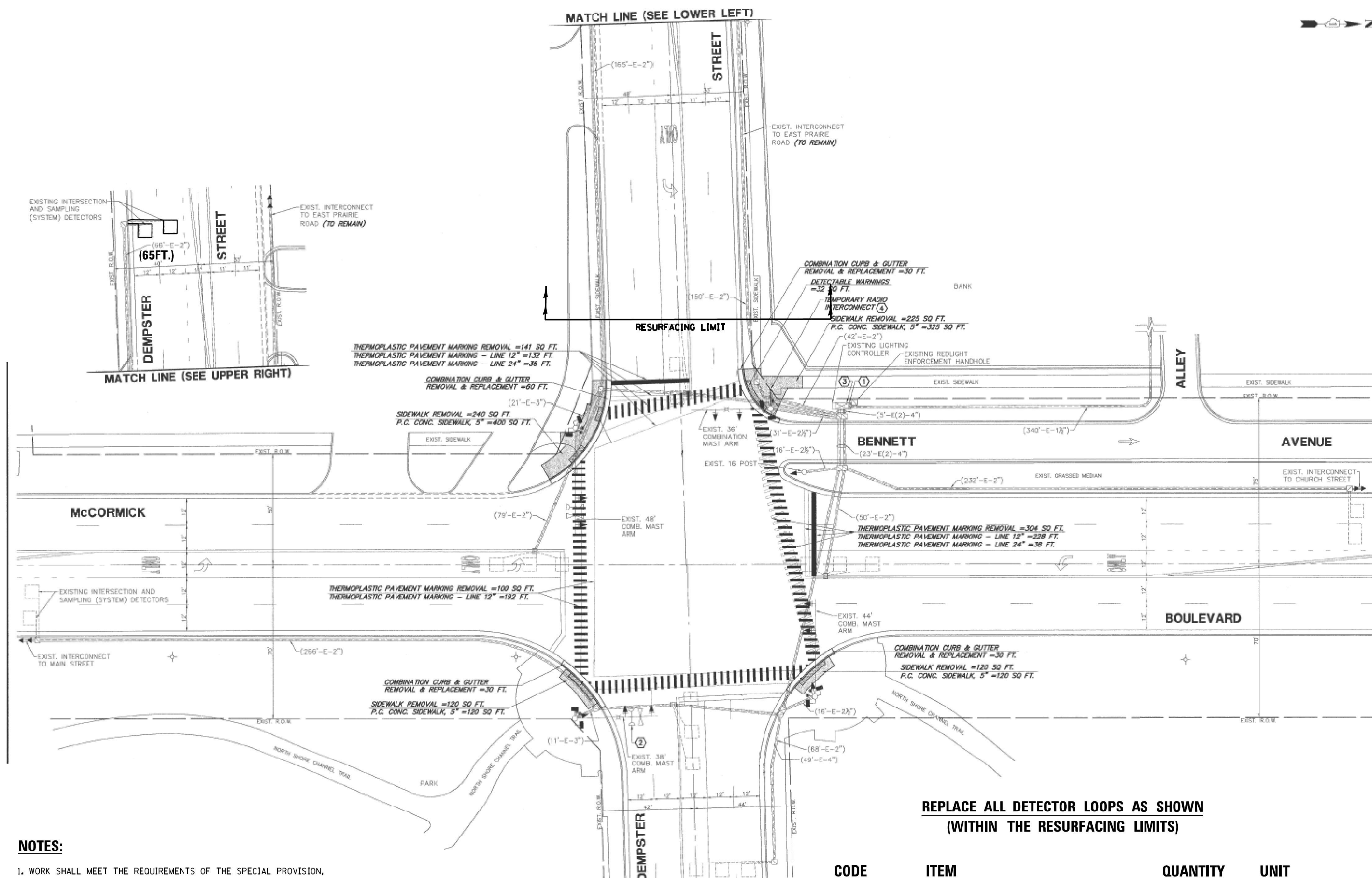
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		DRAWN - Gonzalo Meza	REVISED -
		CHECKED - Steven M. Nguyen	REVISED -
		DATE - 01/12/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN		F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 34
DEMPSTER ST. AT LINCOLNWOOD DR.		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 62L89		
ILLINOIS FED. AID PROJECT						



MATCH LINE (SEE LOWER LEFT)



MATCH LINE (SEE UPPER RIGHT)

RESURFACING LIMIT

**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	65	FOOT

**TS#5035
ECON 14**

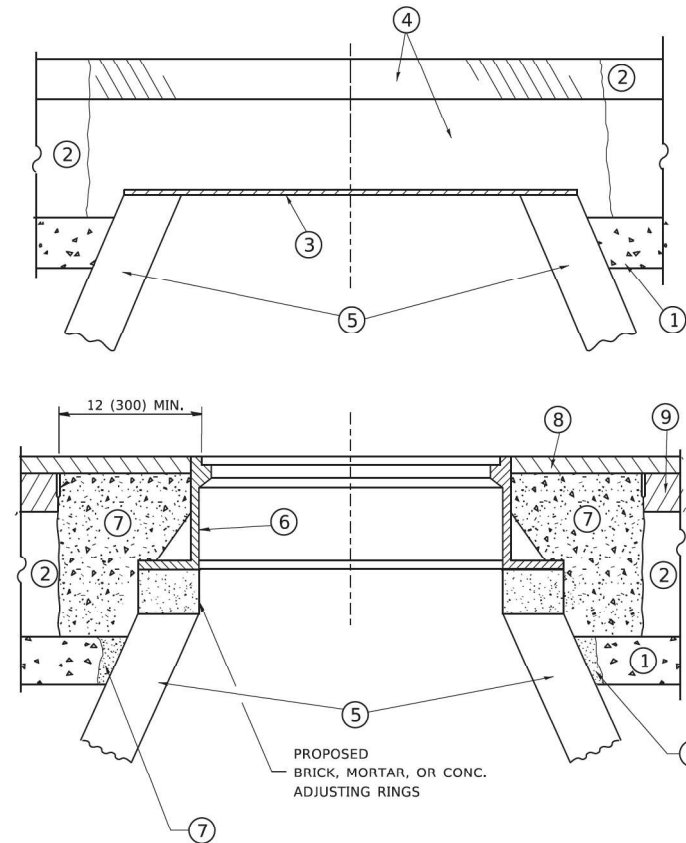


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		CHECKED - Steven M. Nguyen	REVISED -
		DATE - 01/12/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
DEMPSTER ST. AT MCCORMICK BLVD.**

F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 35
SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 62L89	
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 1½ (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

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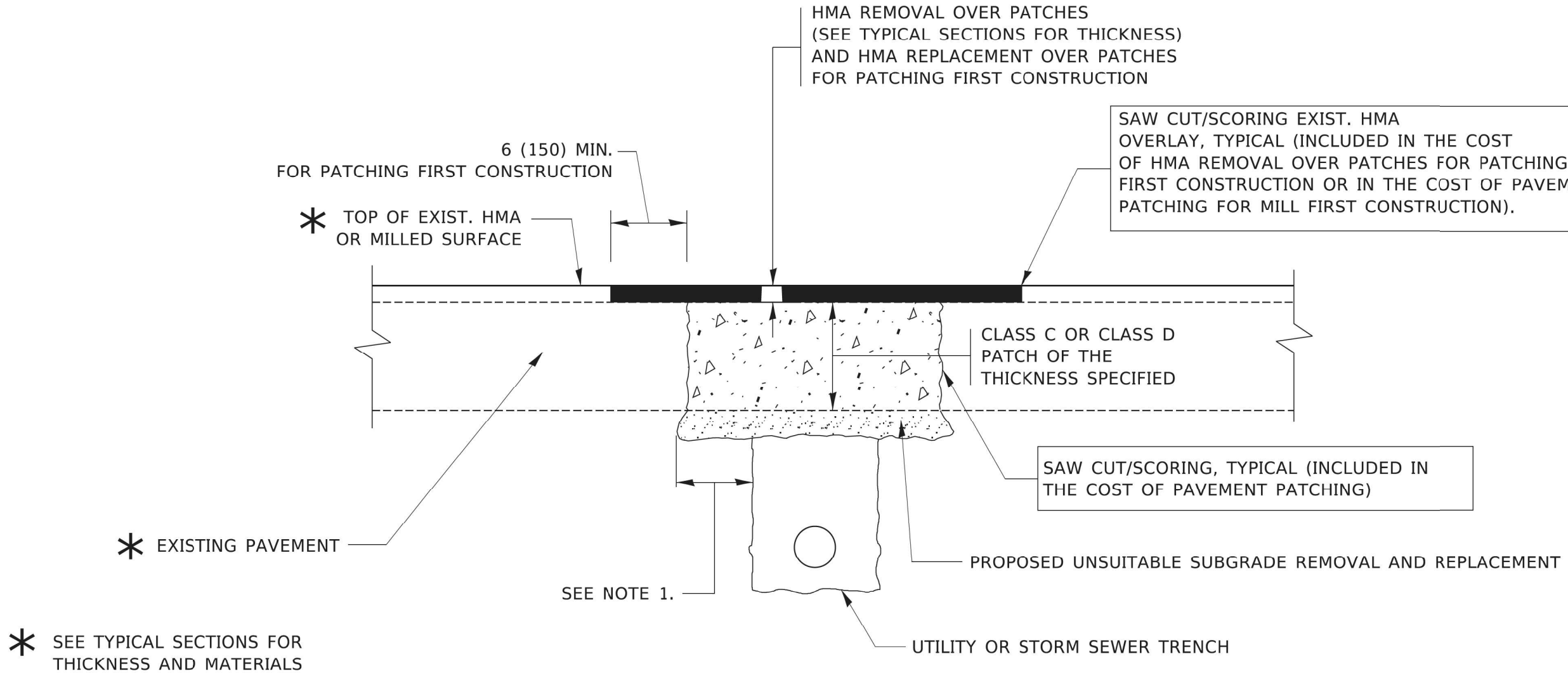
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	DRAWN -	REVISED - R. BORO 01-01-07
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PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 36
BD600-03 (BD-8)		CONTRACT NO. 62L89		
ILLINOIS FED. AID PROJECT				



NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ 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.

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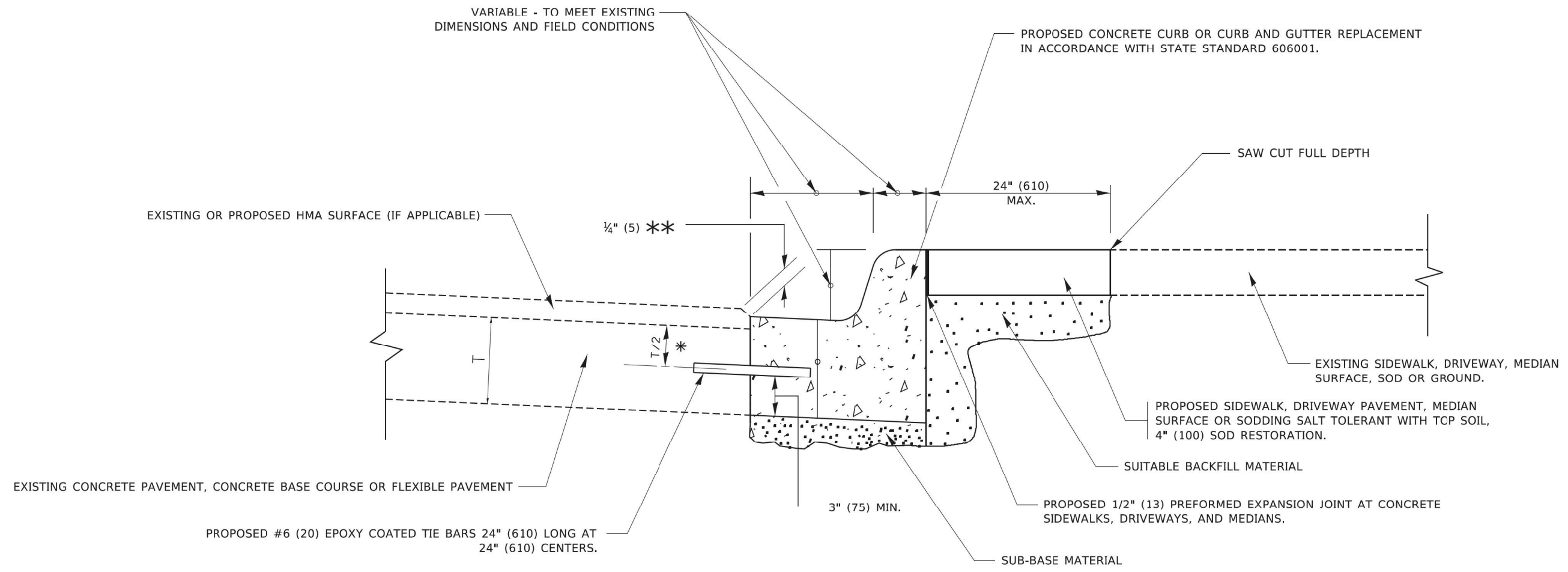


USER NAME = footemj	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED - R. BORO 09-04-07
PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 37
BD400-04 (BD-22)		CONTRACT NO. 62L89		
ILLINOIS FED. AID PROJECT				



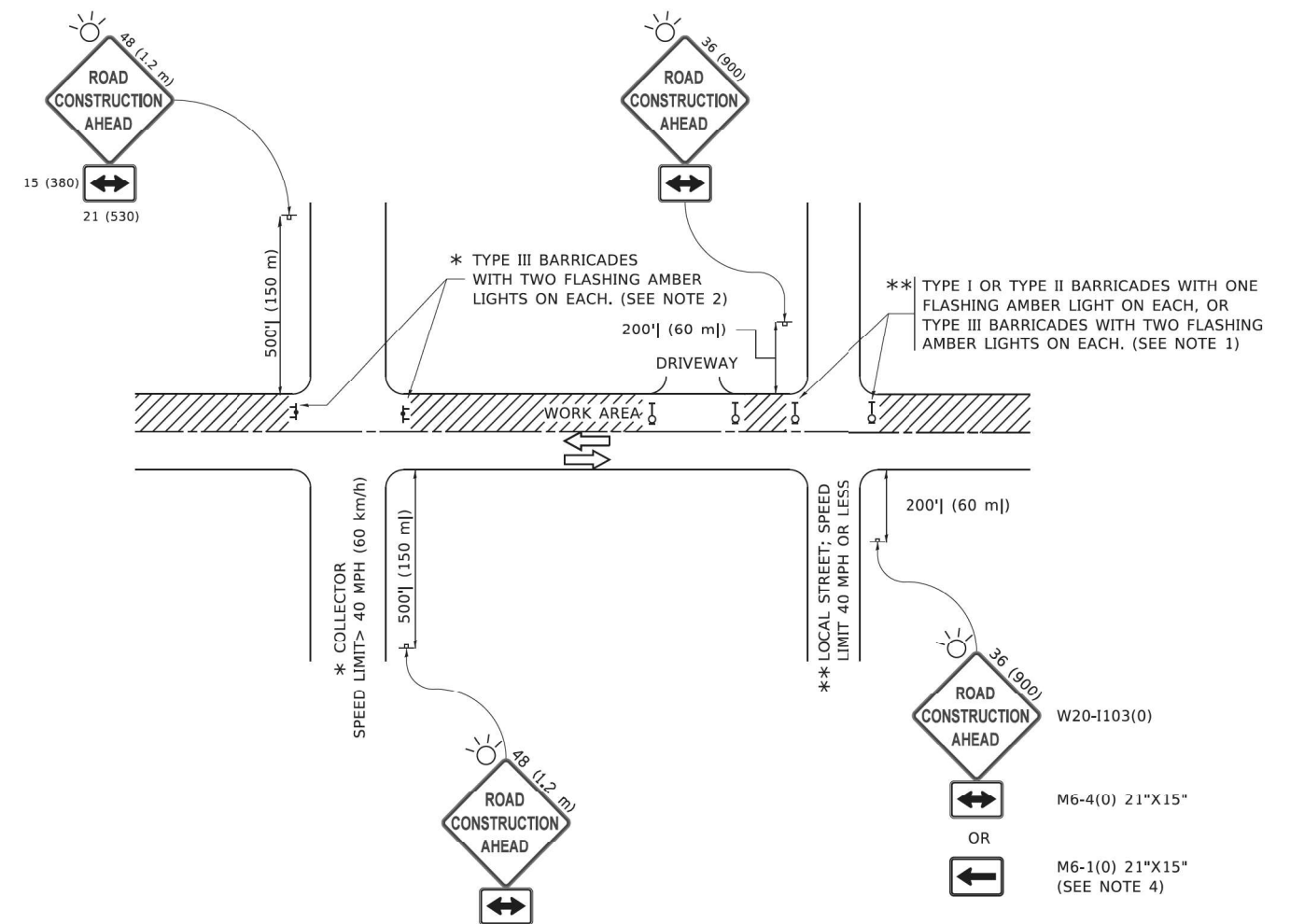
- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

	USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 38	
	PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED - R. BORO 12-15-09			BD600-06 (BD-24)		CONTRACT NO. 62L89		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.			

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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) 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. 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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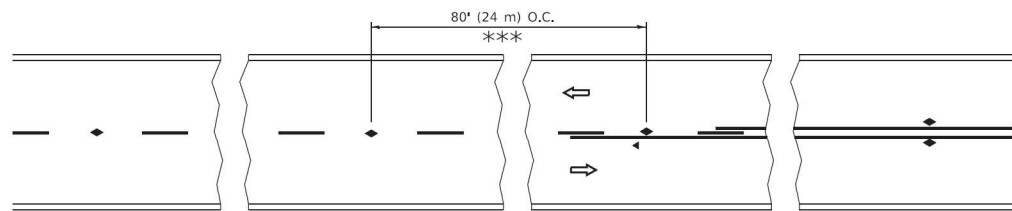
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

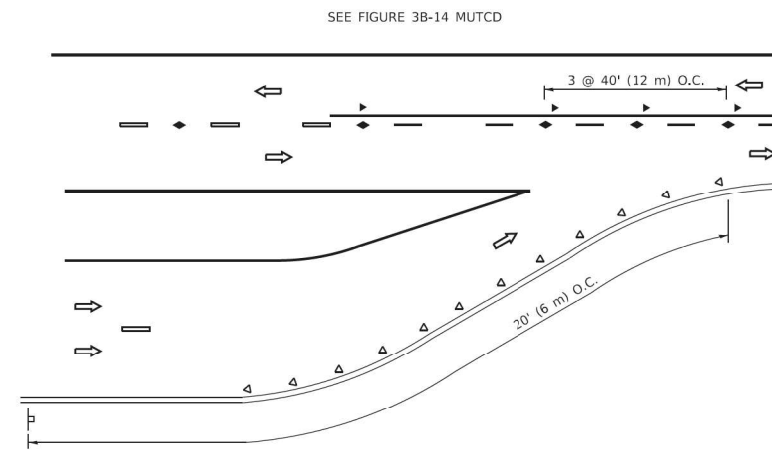
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	40
TC-10		CONTRACT NO. 62L89		
ILLINOIS FED. AID PROJECT				

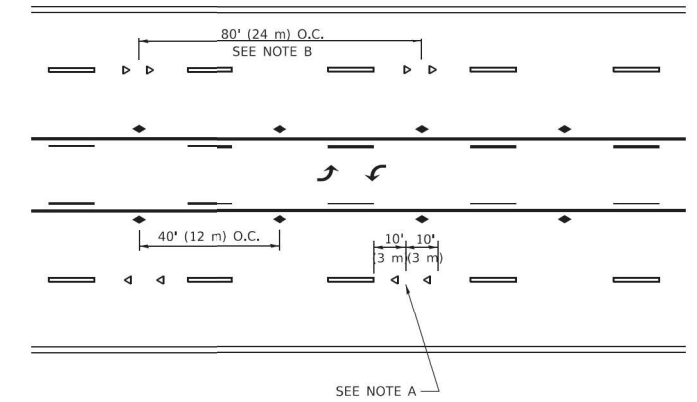


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

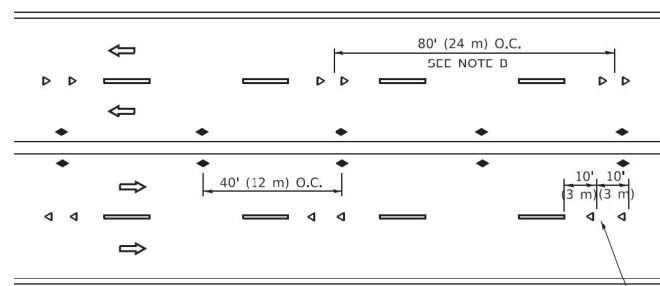
TWO-LANE/TWO-WAY



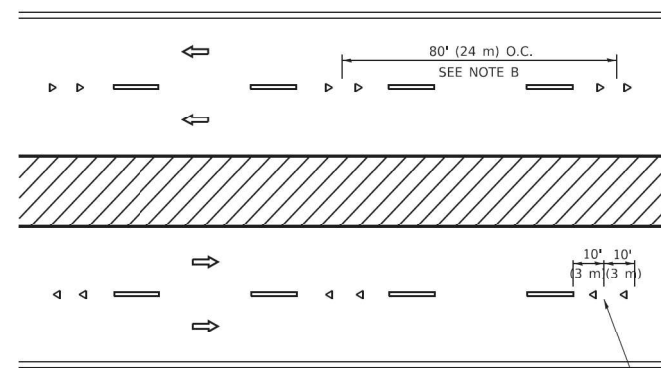
LANE REDUCTION TRANSITION



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.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES.

SYMBOLS

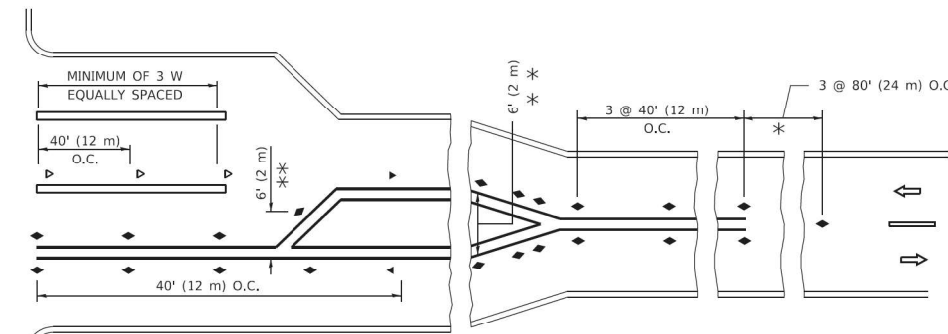
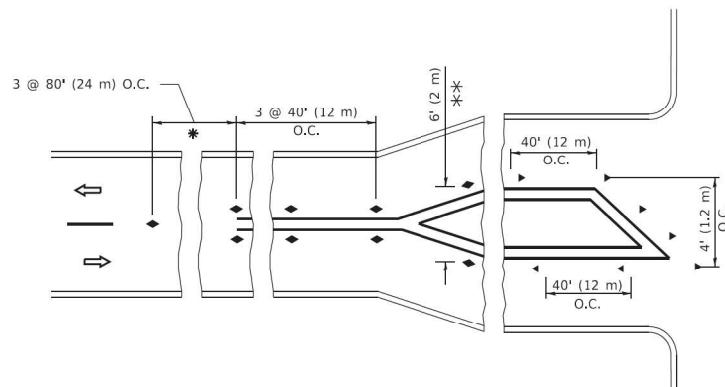
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.



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

TURN LANES

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

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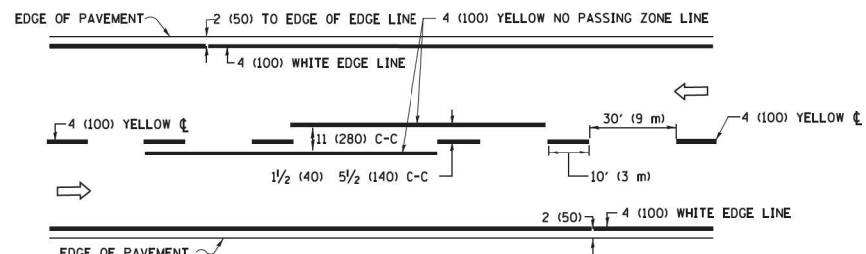
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

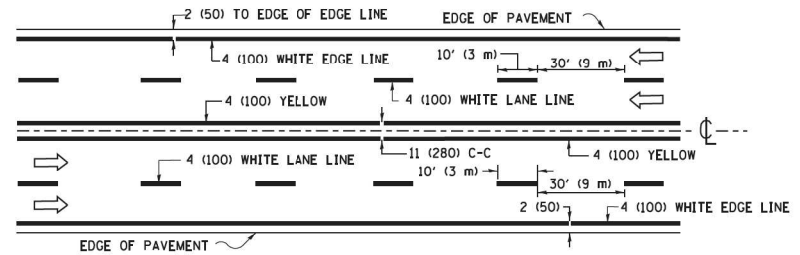
**TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

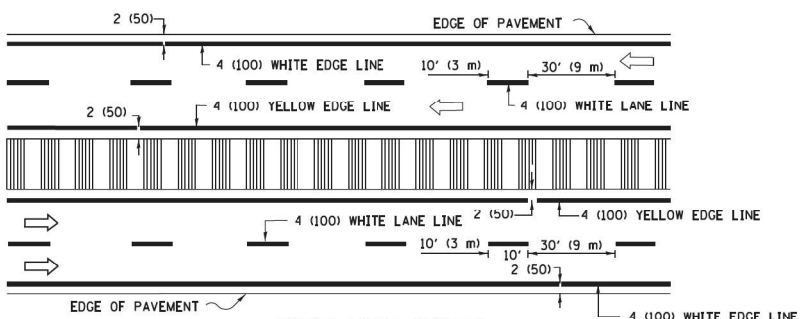
F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 41
TC-11		CONTRACT NO. 62L89		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

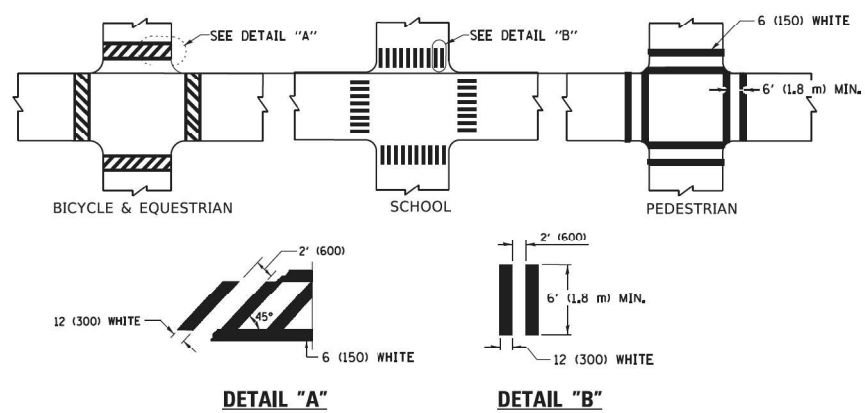


MULTI-LANE UNDIVIDED



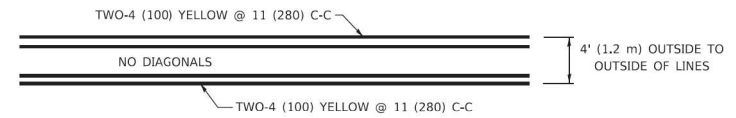
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

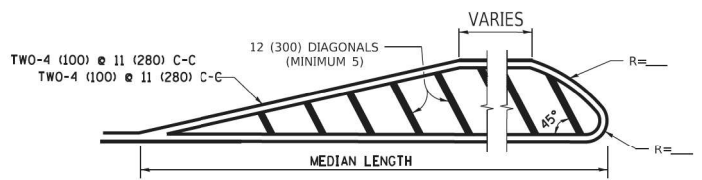


TYPICAL CROSSWALK MARKING

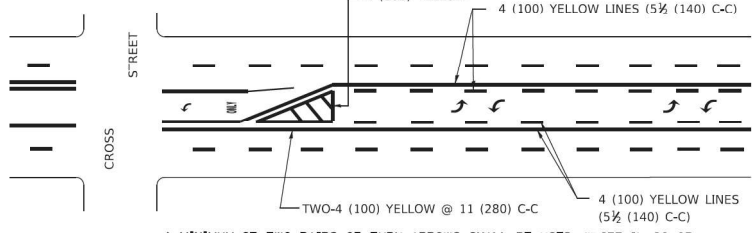
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



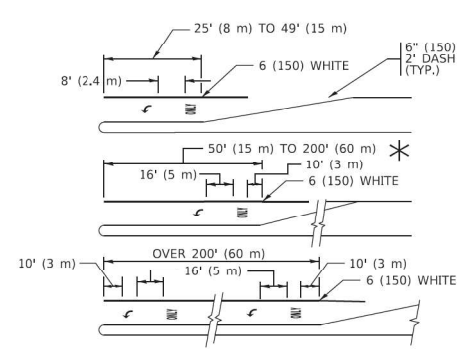
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



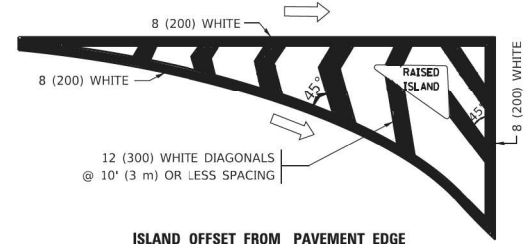
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



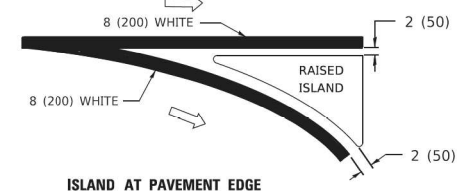
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

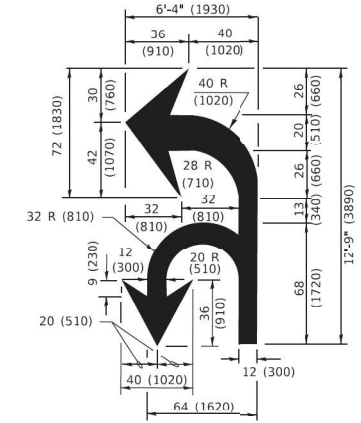
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



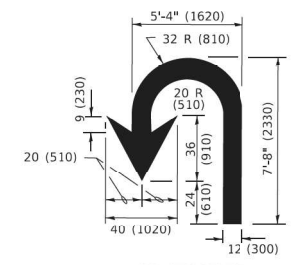
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION
 * LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 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 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 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° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) 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: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 8' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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PLOT SCALE = 50.0000" / ft.	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 12-21-15
	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE		F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 42
TYPICAL PAVEMENT MARKINGS		TC-13		CONTRACT NO. 62L89		
SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.				

ILLINOIS	FED. AID PROJECT
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TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

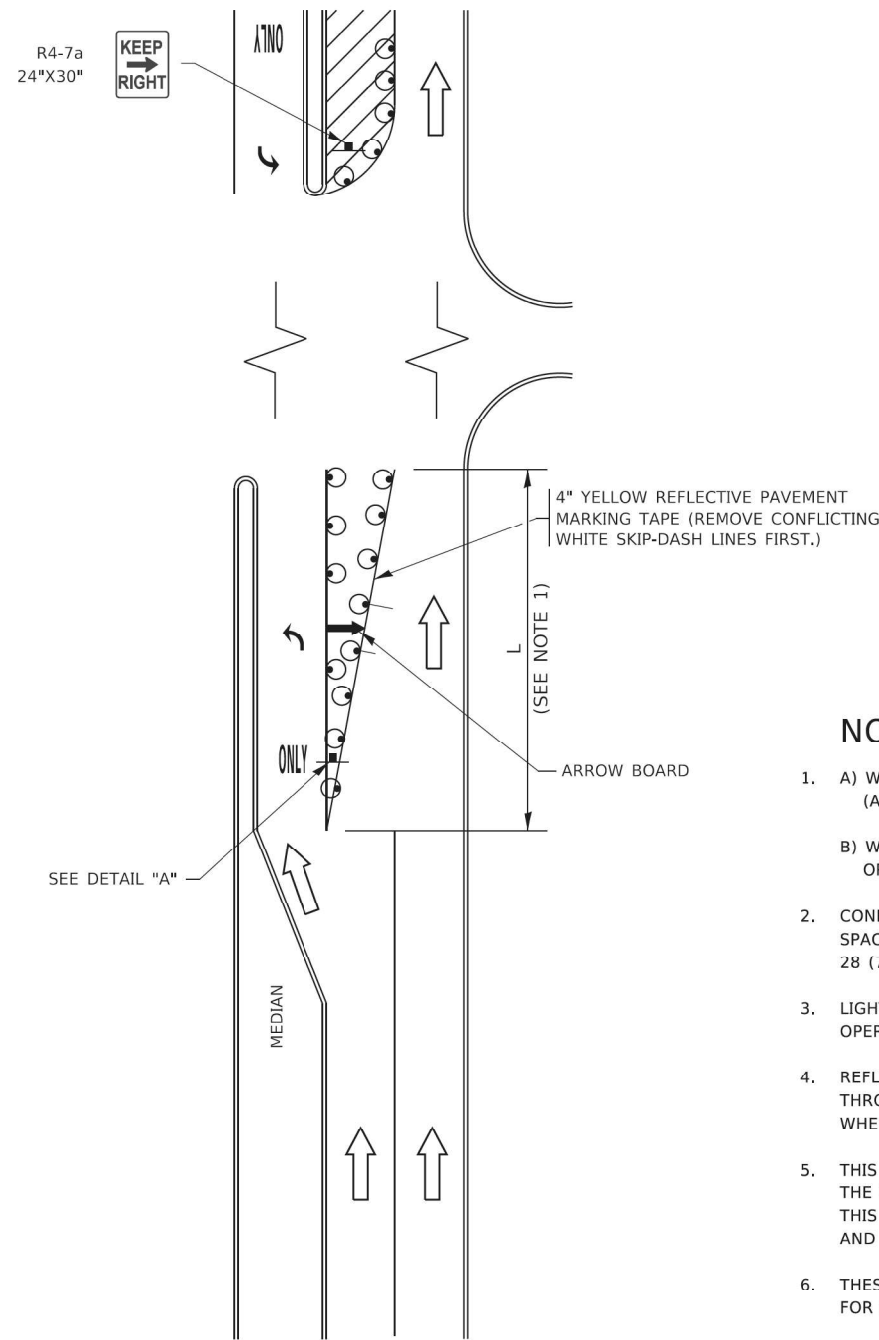


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

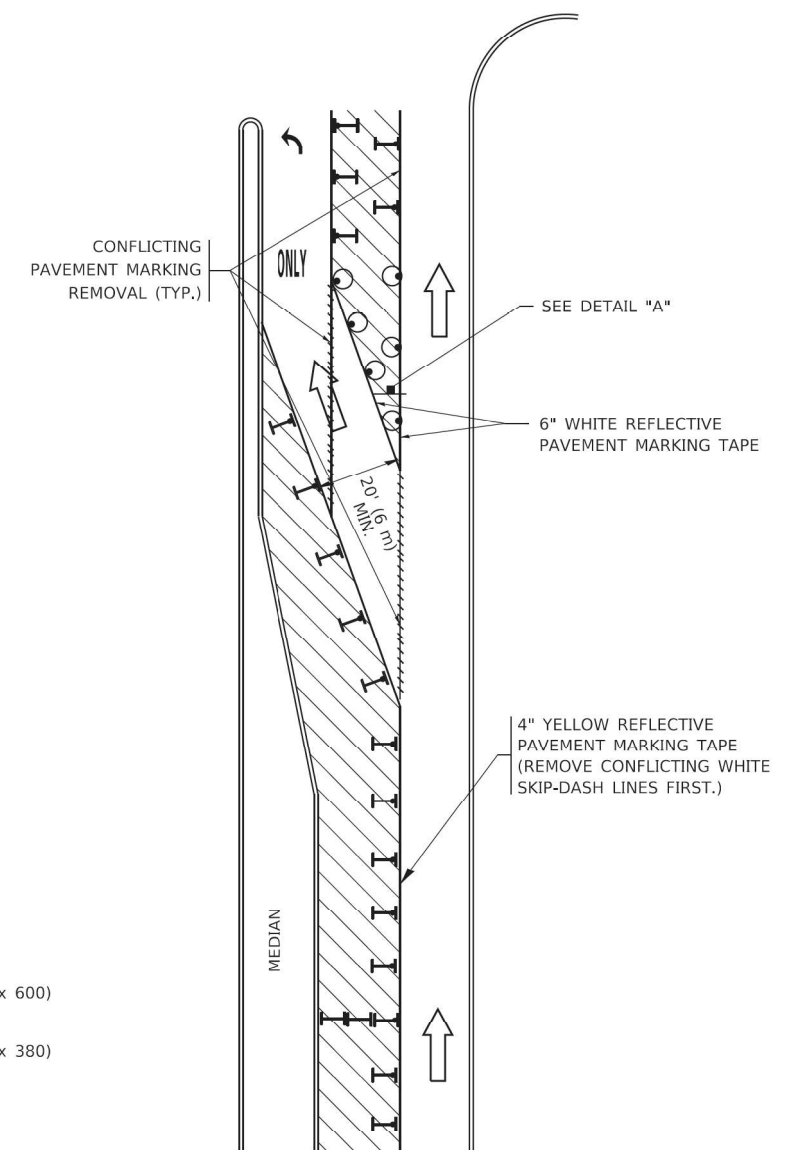


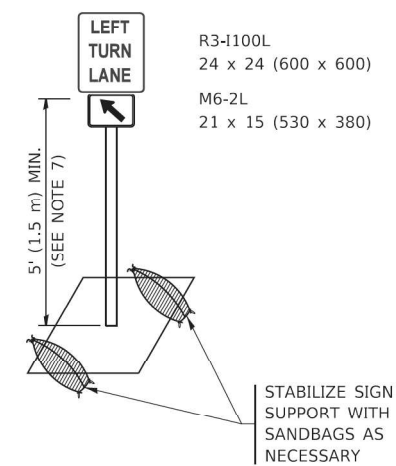
FIGURE 2

LEGEND

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

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (7/10) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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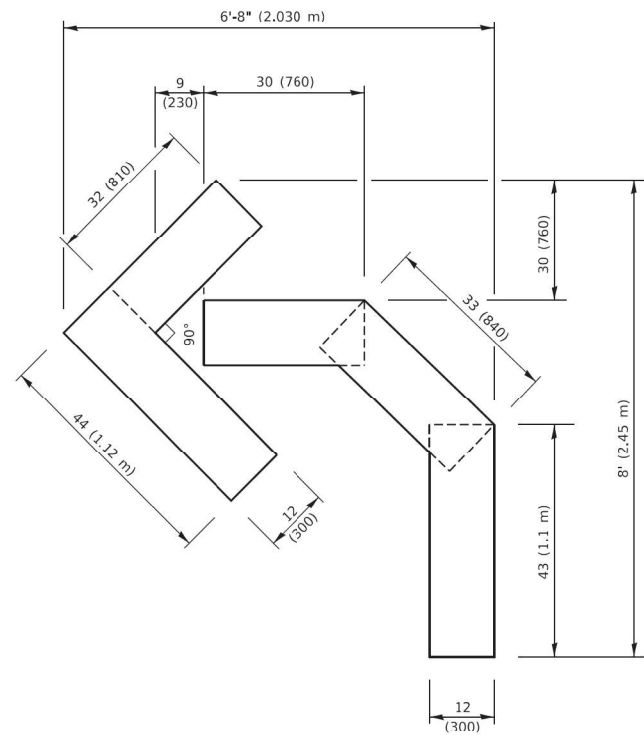
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PLOT SCALE = 50.0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

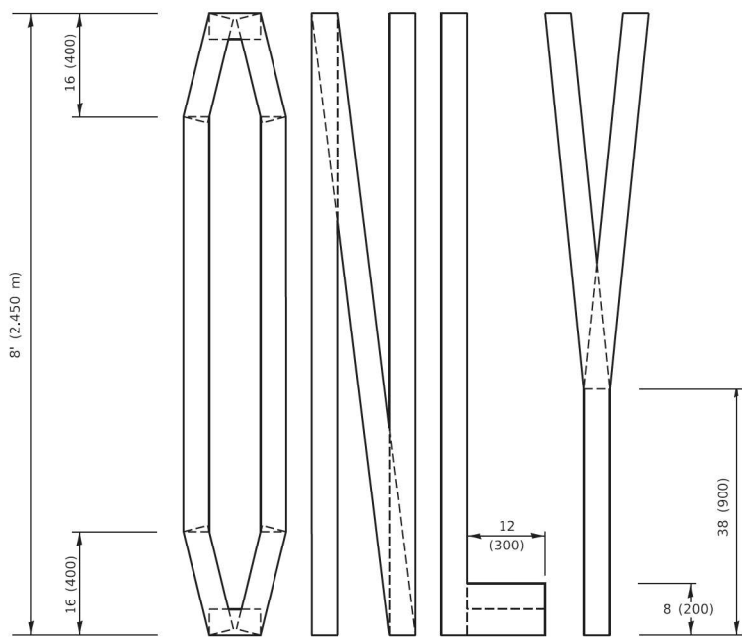
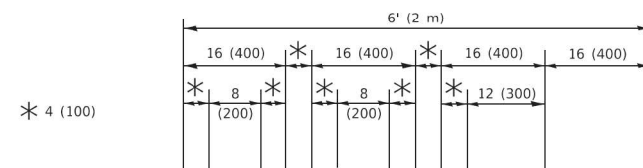
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F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 43
TC-14		CONTRACT NO. 62L89		
ILLINOIS FED. AID PROJECT				



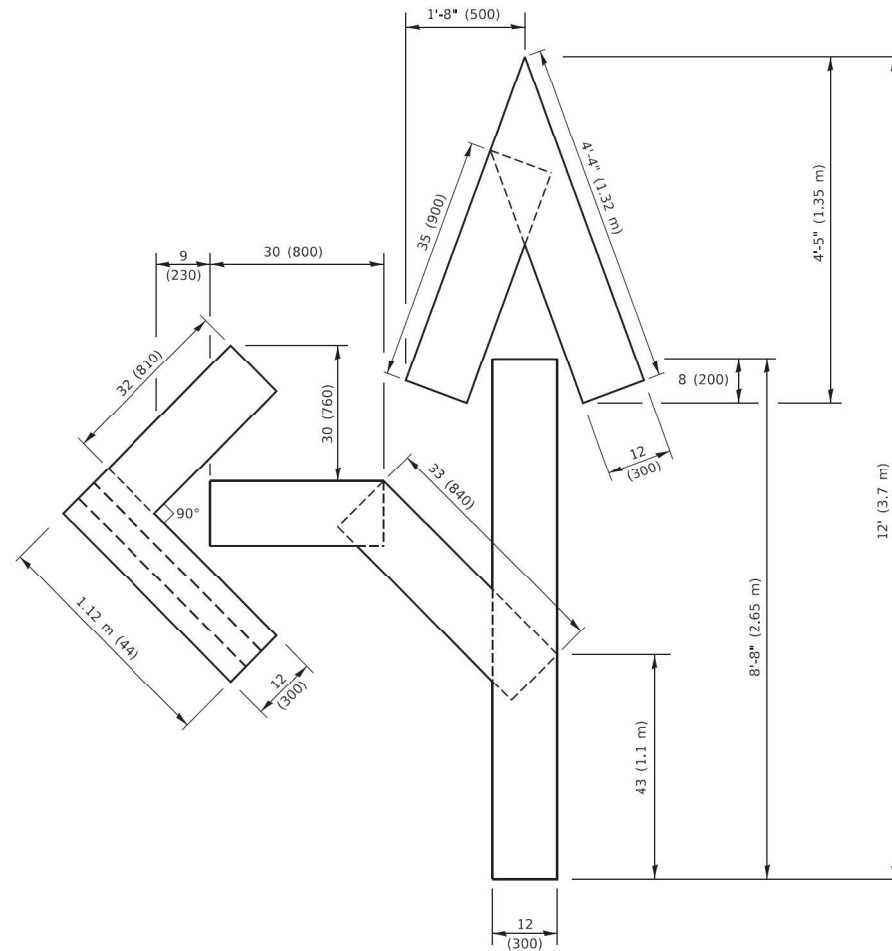
QUANTITY

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)

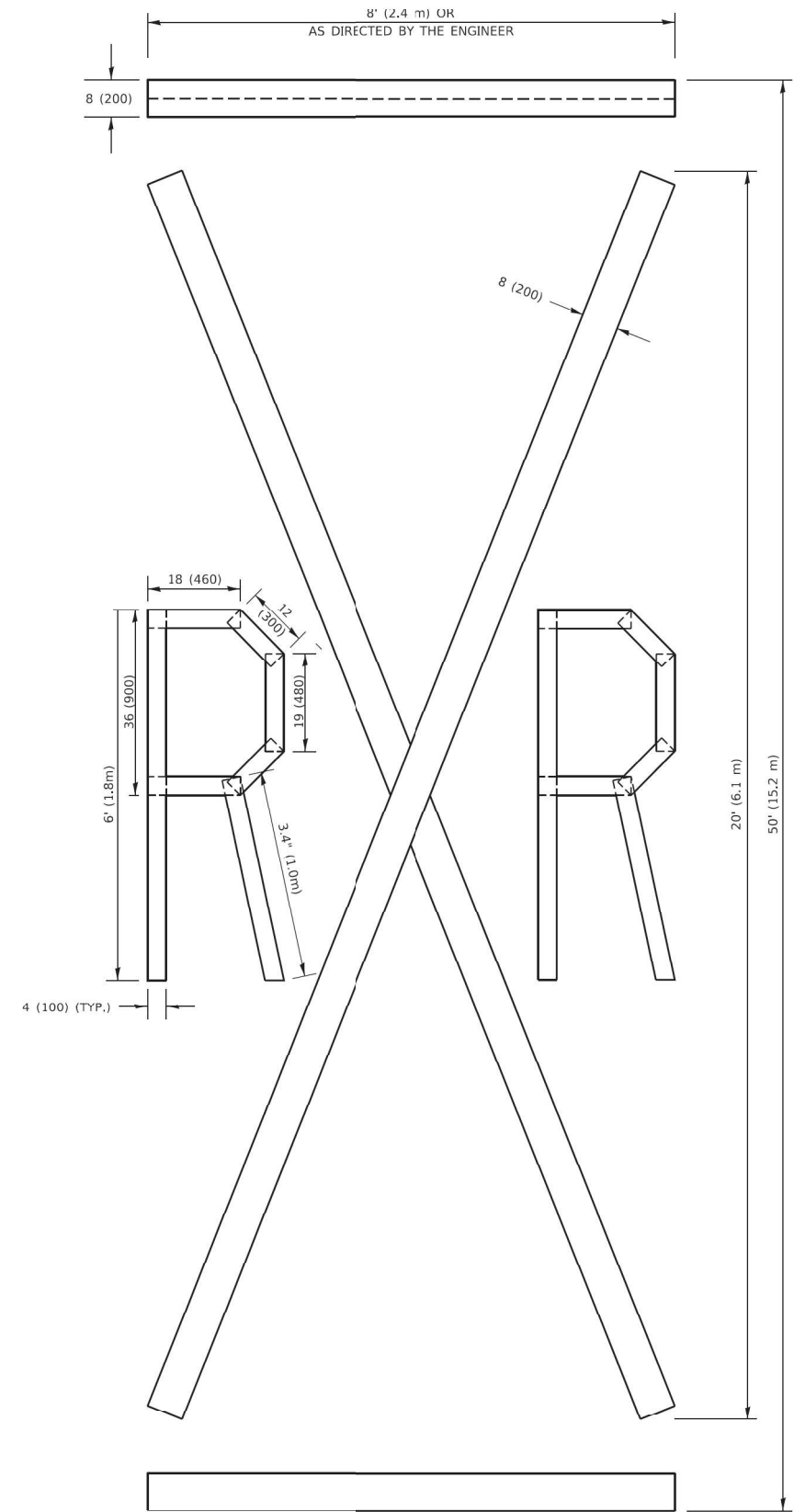


QUANTITY

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.

MODEL: Default
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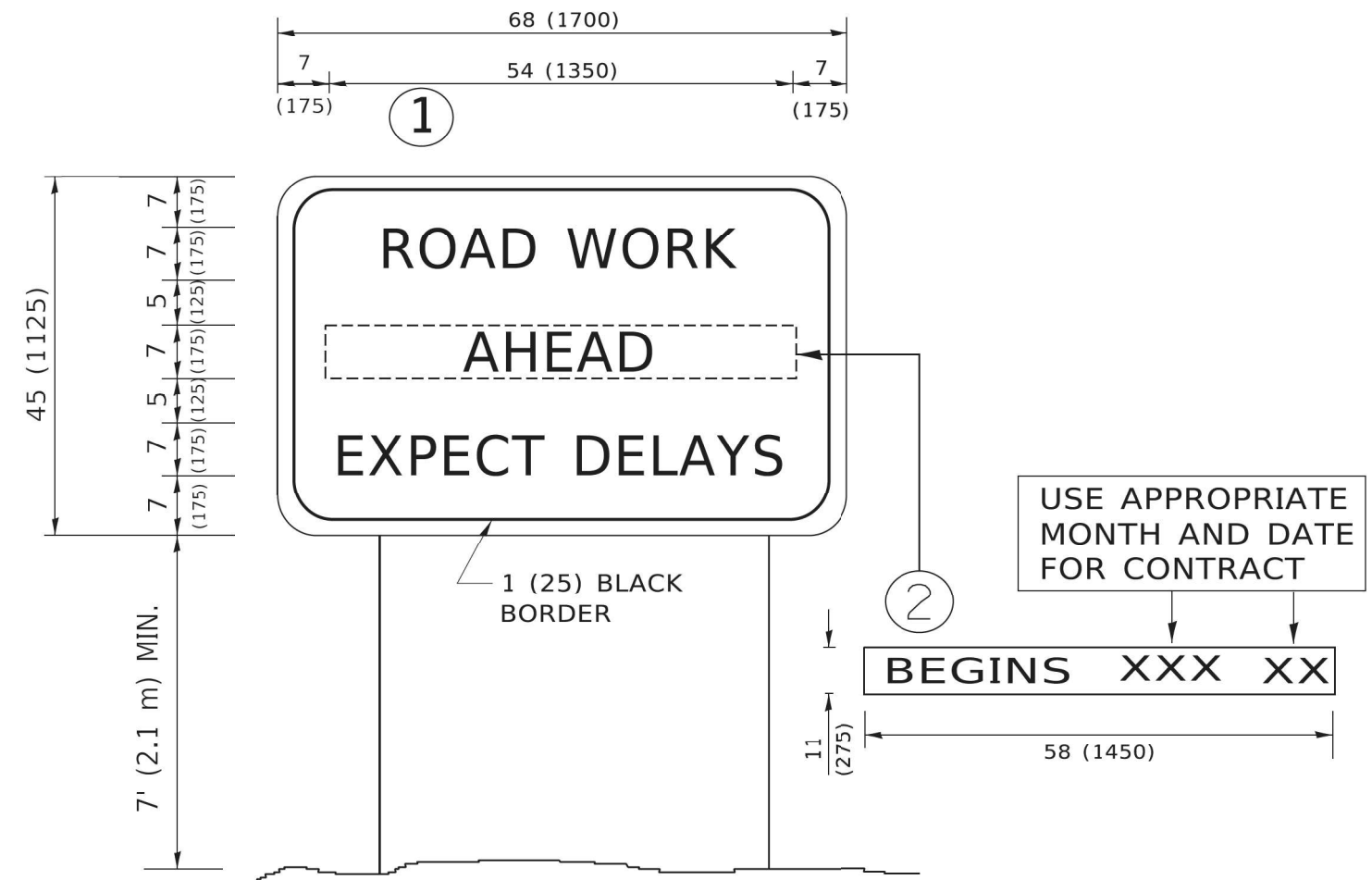
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	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068" / ft.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	44
TC-16		CONTRACT NO. 62L89		
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.

MODEL: Default
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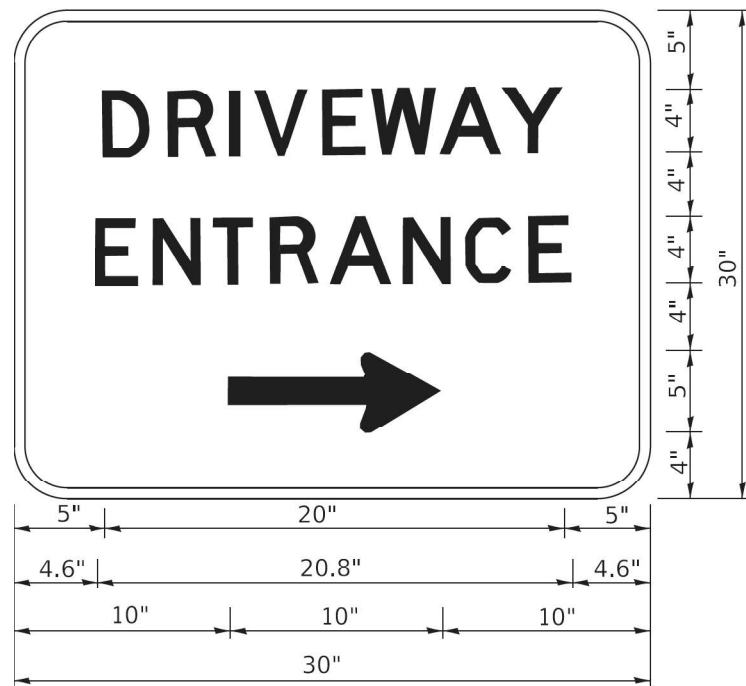
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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50,0000 ' / ft.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 45
TC-22			CONTRACT NO. 62L89	
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL Default
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	DRAWN -	REVISED -
PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

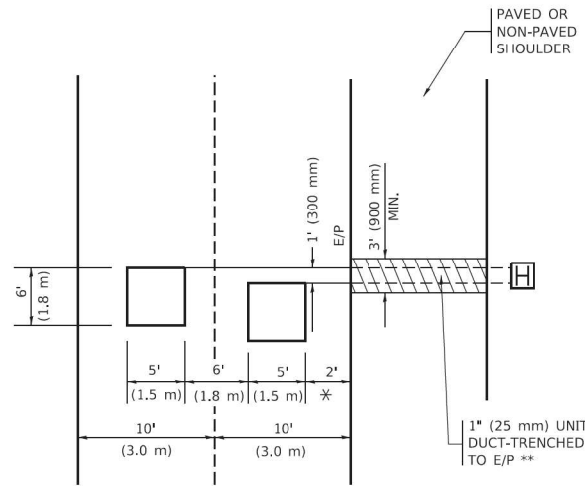
DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	46
TC-26			CONTRACT NO. 62L89	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



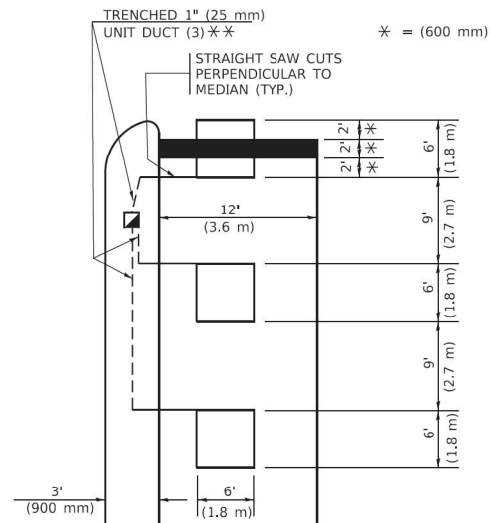
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



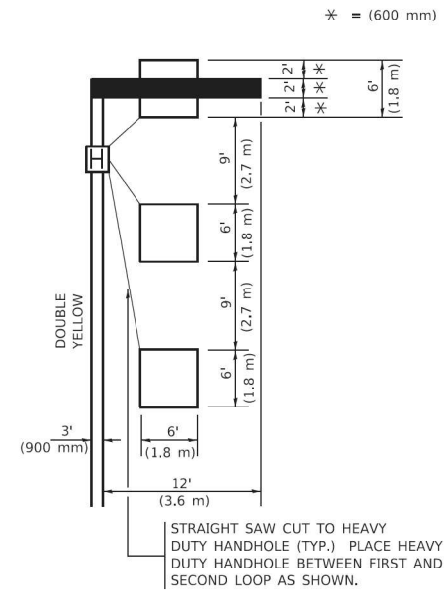
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

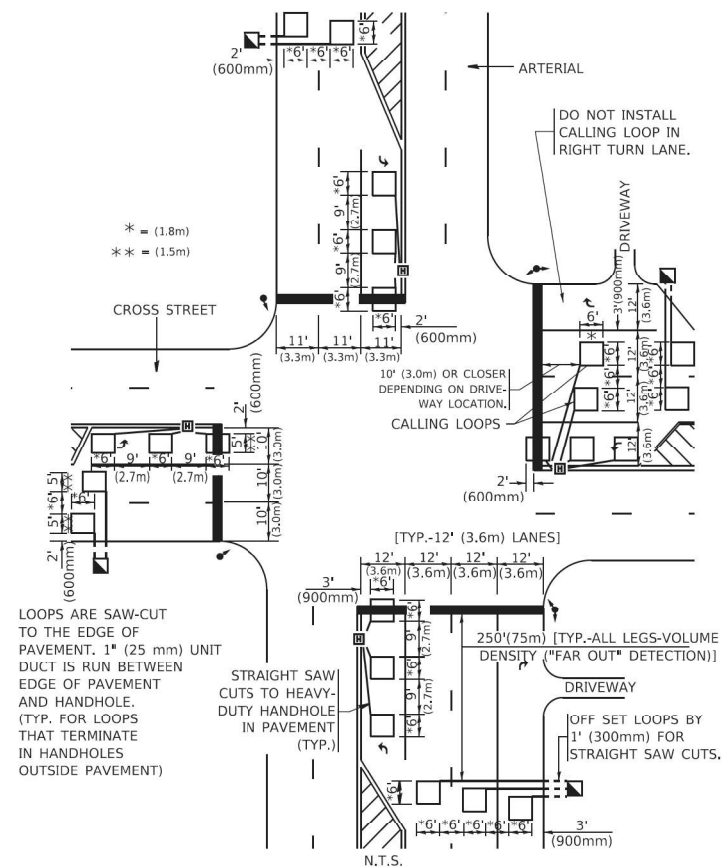
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



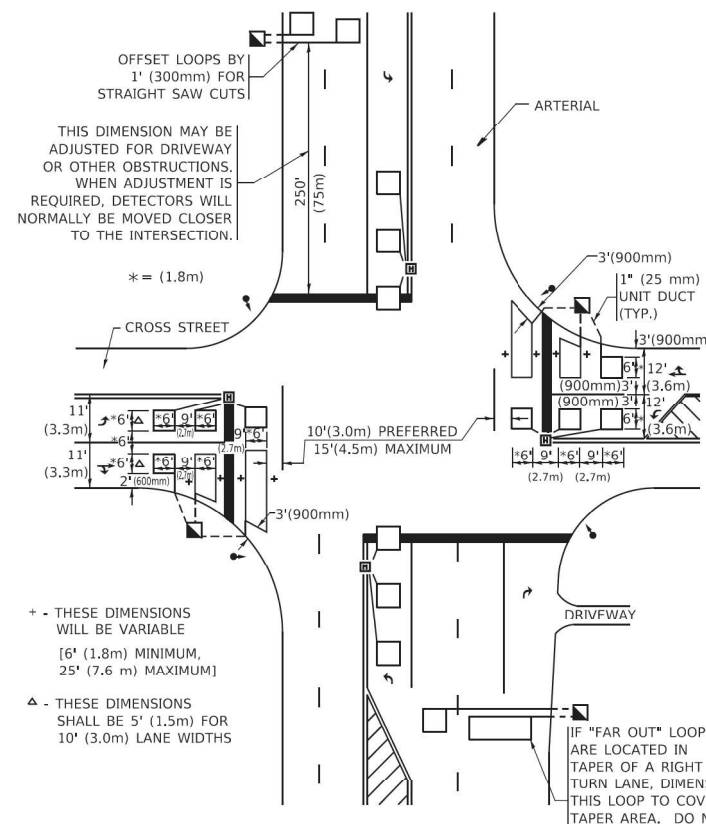
* = (1.8m)
** = (1.5m)

LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

* = (1.8m)

+ THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

Δ THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
N.T.S.

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PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2019	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED - R.K.F.	REVISED -
DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
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DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

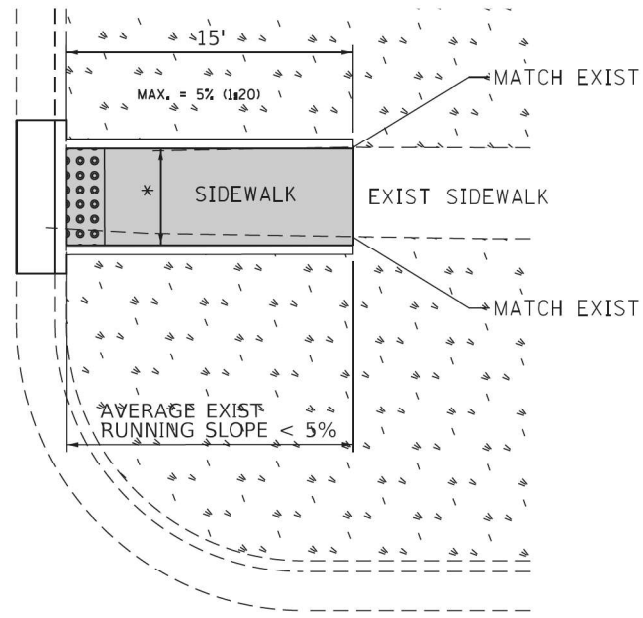
**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

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

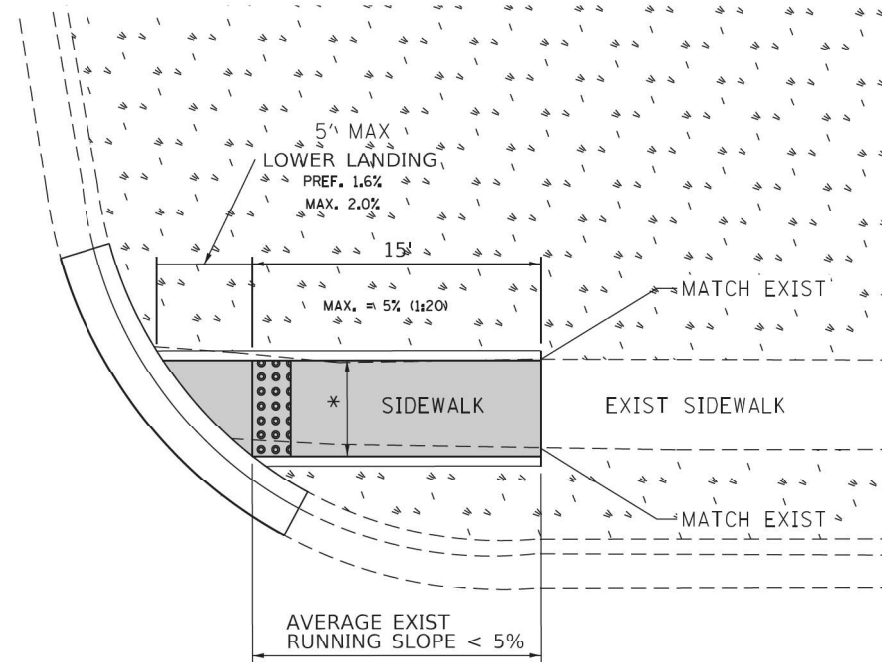
F.A.P. RTE. 377	SECTION 2020-111-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 47
TS-07		CONTRACT NO. 62L89		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

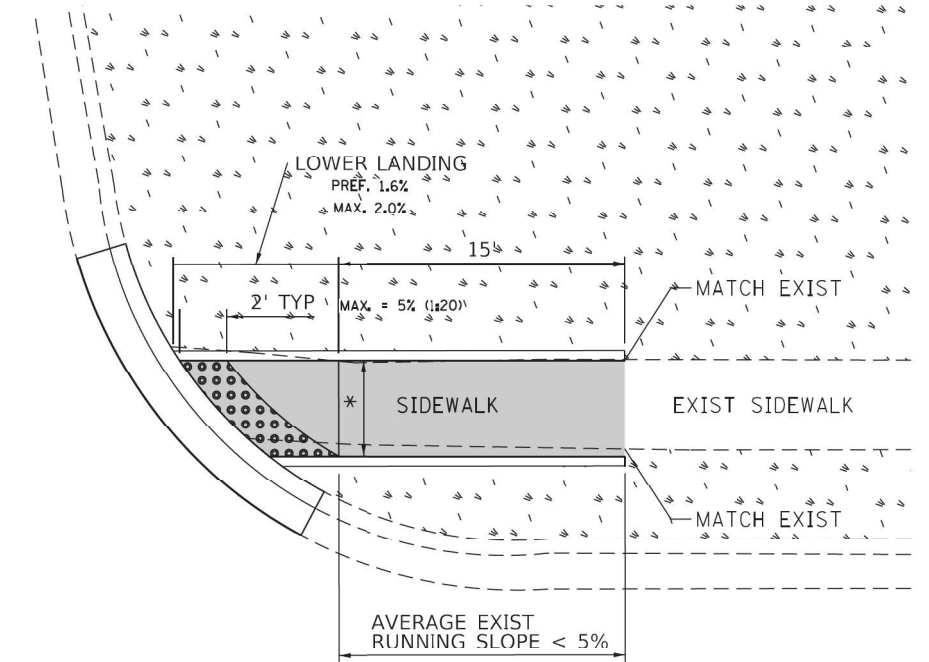
PD-01A



PD-01B

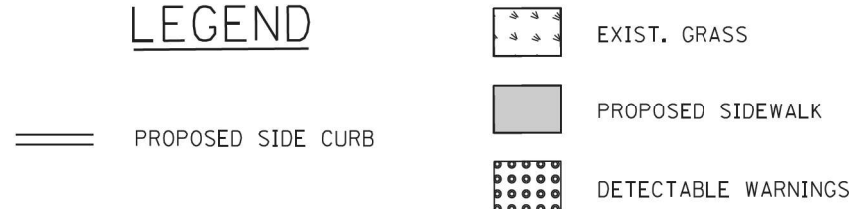


PD-01C



- DESIGNER NOTES:**
- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
 - 2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
 - 3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
 - 4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND



- CONSTRUCTION NOTES:**
- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

FILE NAME =	USER NAME = ledezmar	DESIGNED -	REVISED -
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		DATE -	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

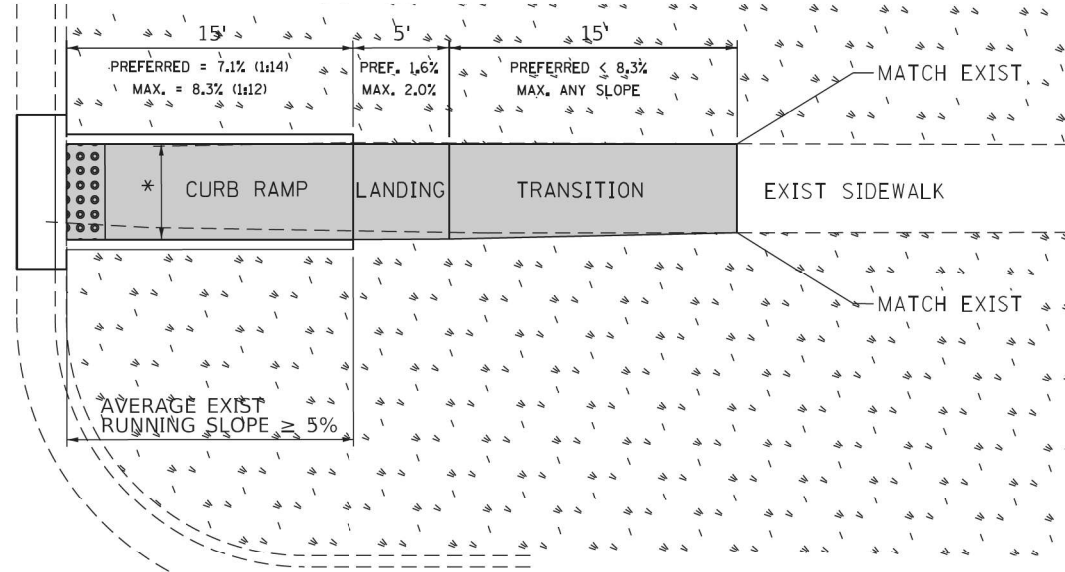
PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	48
PD-01		CONTRACT NO. 62L89		
ILLINOIS FED. AID PROJECT				

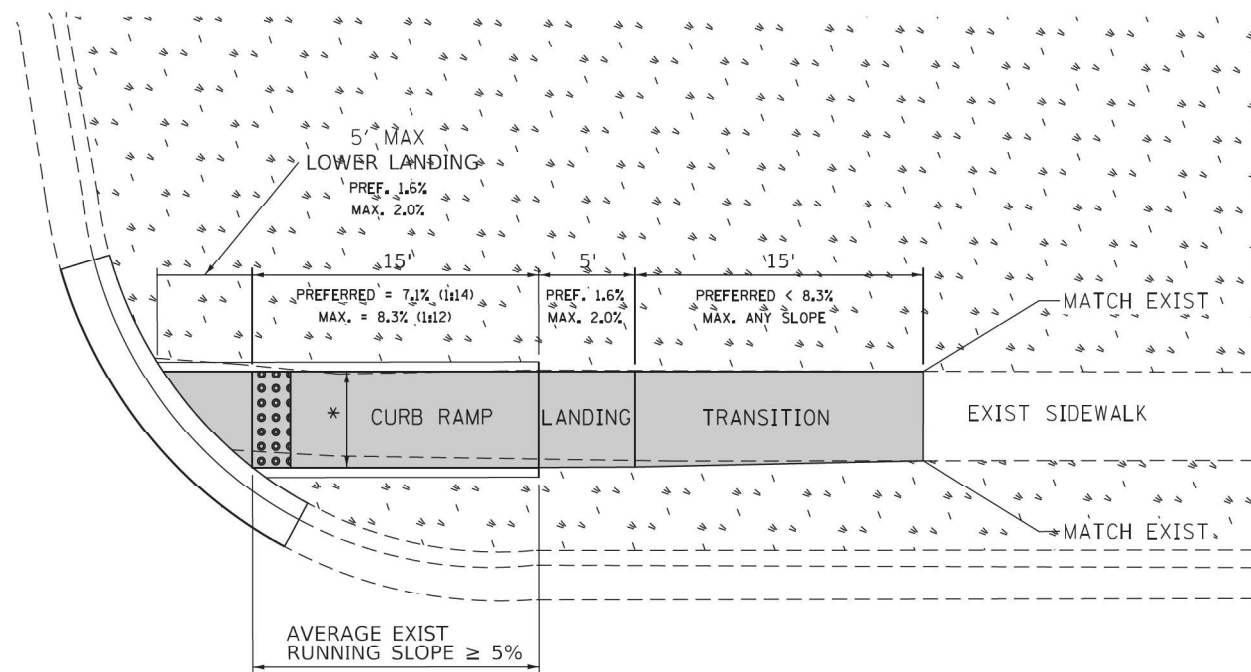
SCALE: SHEET OF SHEETS STA. TO STA.

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR GREATER RUN. SLOPE

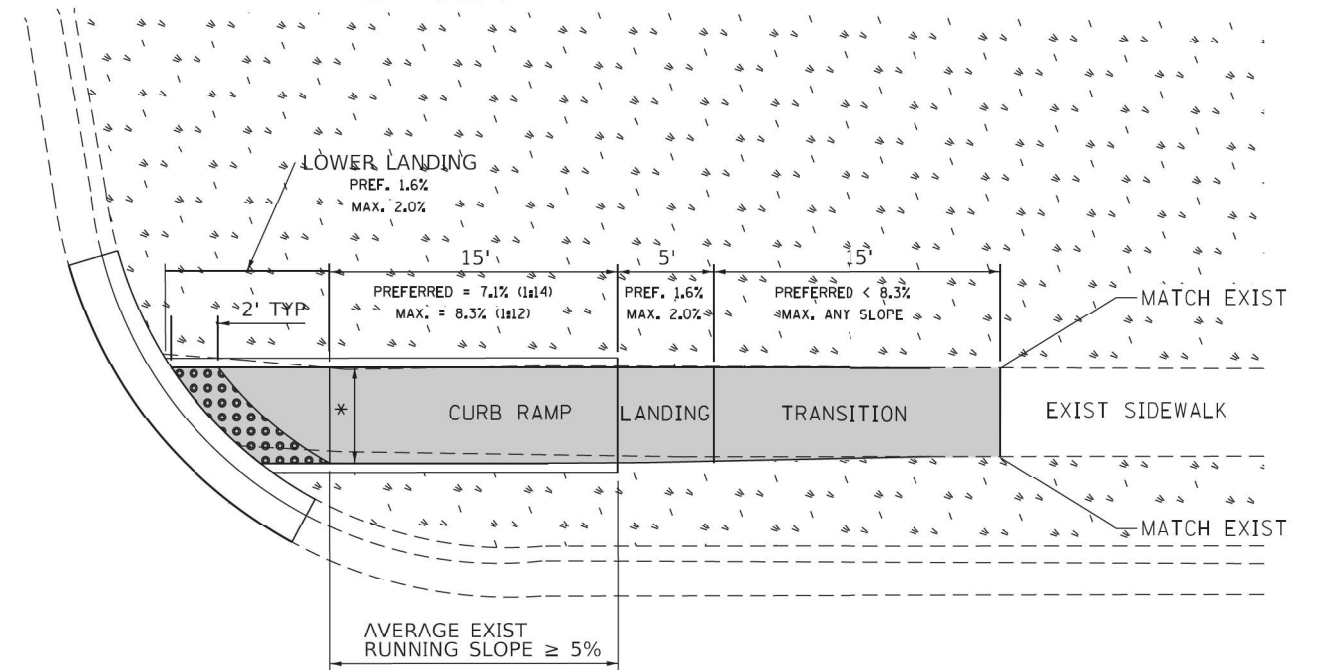
PD-02A



PD-02B



PD-02C



DESIGNER NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
- 2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
- 3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
- 4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH



FILE NAME = USER NAME = ledzerm
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 PLOT DATE = 12/17/2019

DESIGNED - --- --/--/----
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 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

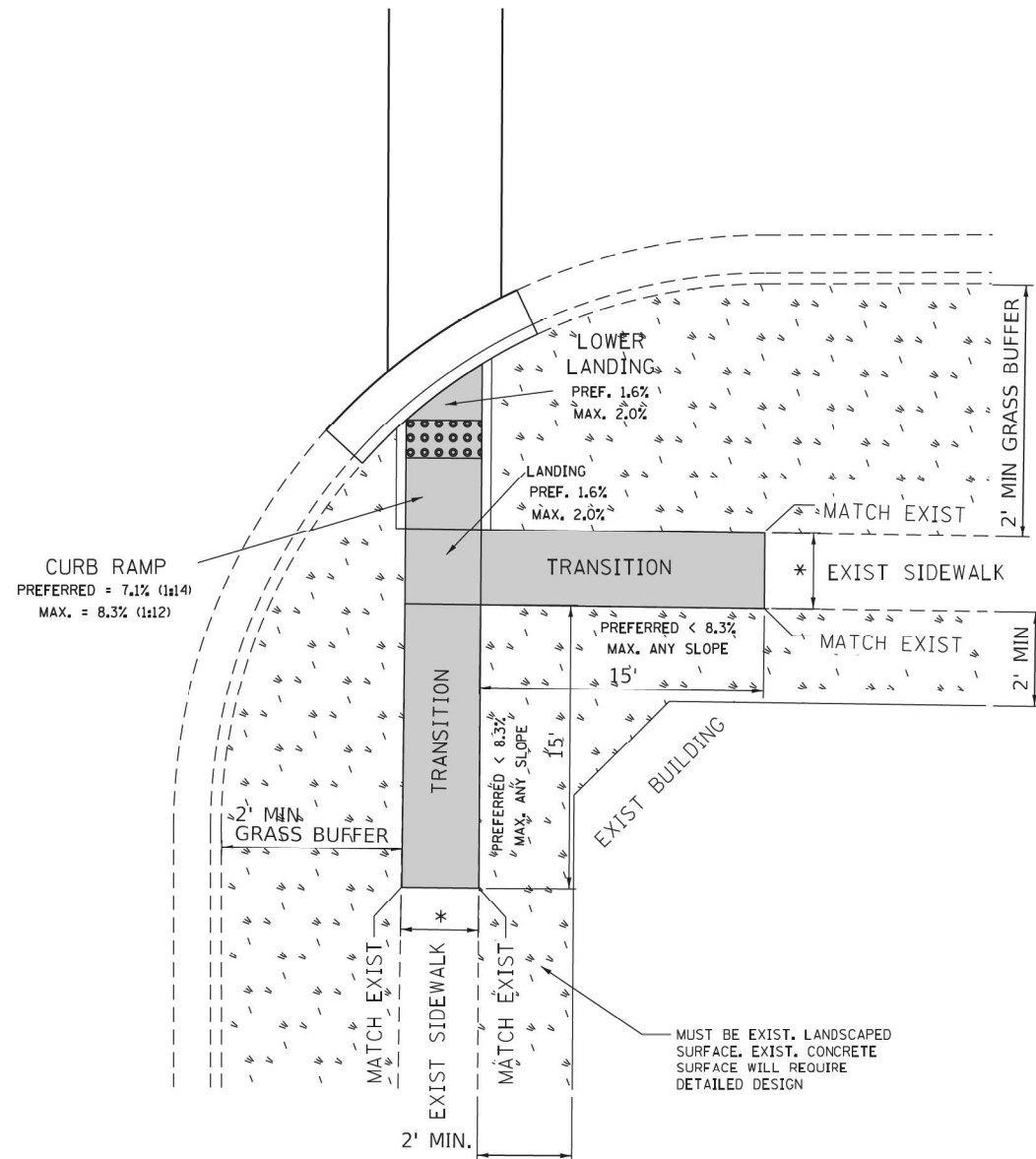
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
 (PD-02)**

SCALE: SHEET OF SHEETS STA. TO STA.

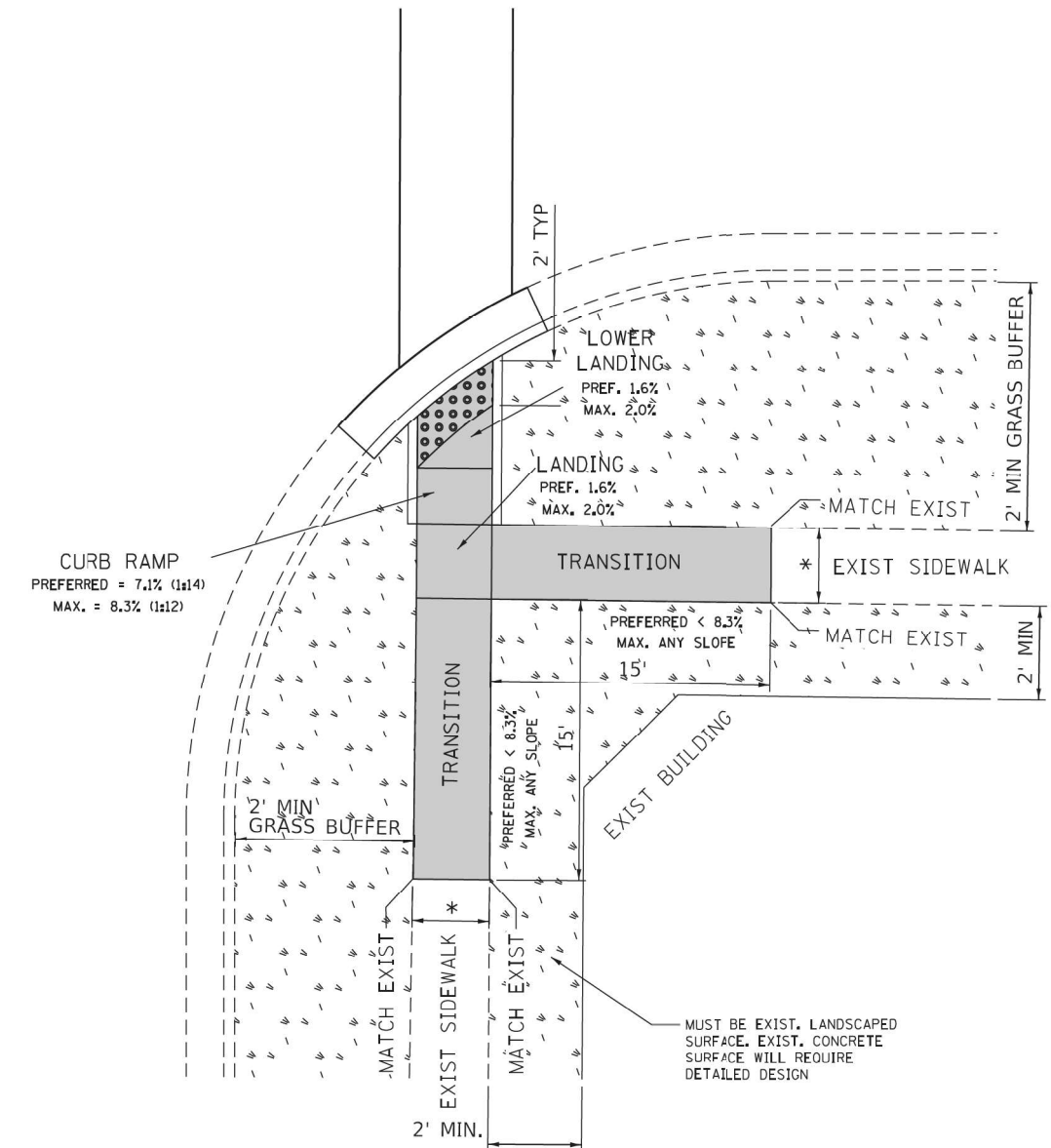
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	49
PD-02			CONTRACT NO. 62L89	
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



- DESIGNER NOTES:**
- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
 - 2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
 - 3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
 - 4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND

	PROPOSED SIDE CURB		EXIST. GRASS
	PROPOSED SIDEWALK		DETECTABLE WARNINGS

- CONSTRUCTION NOTES:**
- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH**

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

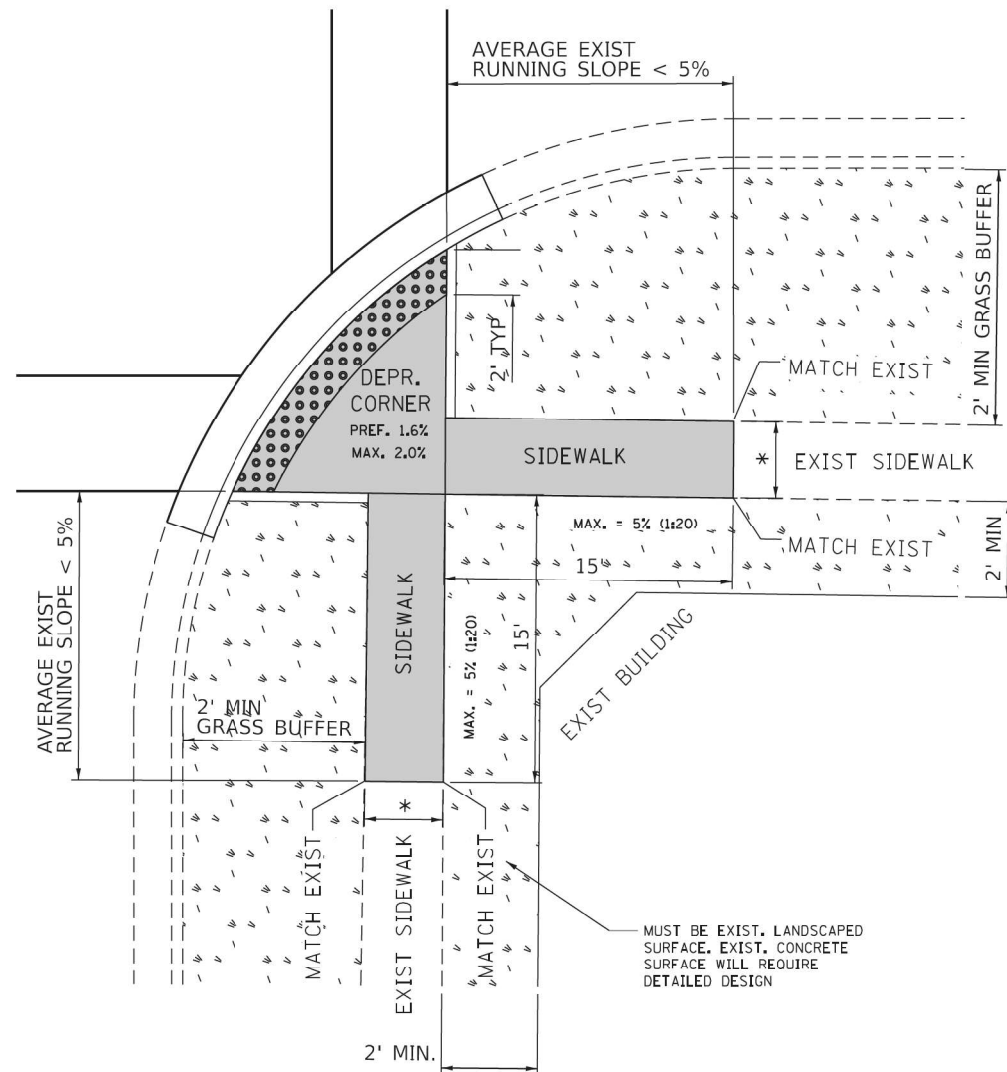
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
W/TURNING SPACE (PD-04)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	51
PD-04			CONTRACT NO. 62L89	
ILLINOIS FED. AID PROJECT				

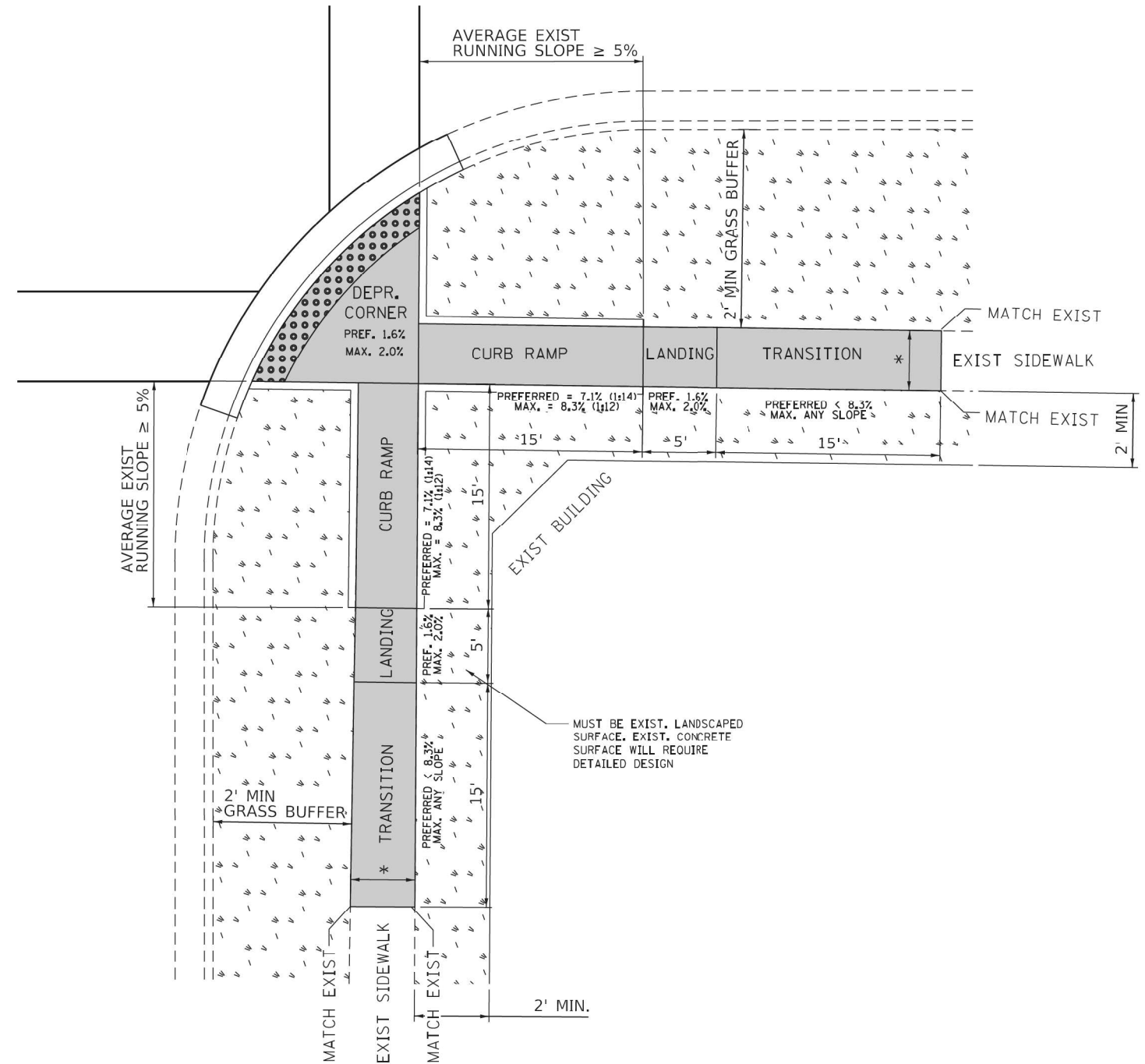
SCALE: SHEET OF SHEETS STA. TO STA.

ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

PD-05A



PD-05B



- DESIGNER NOTES:**
- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
 - 2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
 - 3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
 - 4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND

	PROPOSED SIDE CURB		EXIST. GRASS
	PROPOSED SIDEWALK		DETECTABLE WARNINGS

- CONSTRUCTION NOTES:**
- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH**

FILE NAME =	USER NAME = ledezmar	DESIGNED -	REVISED -
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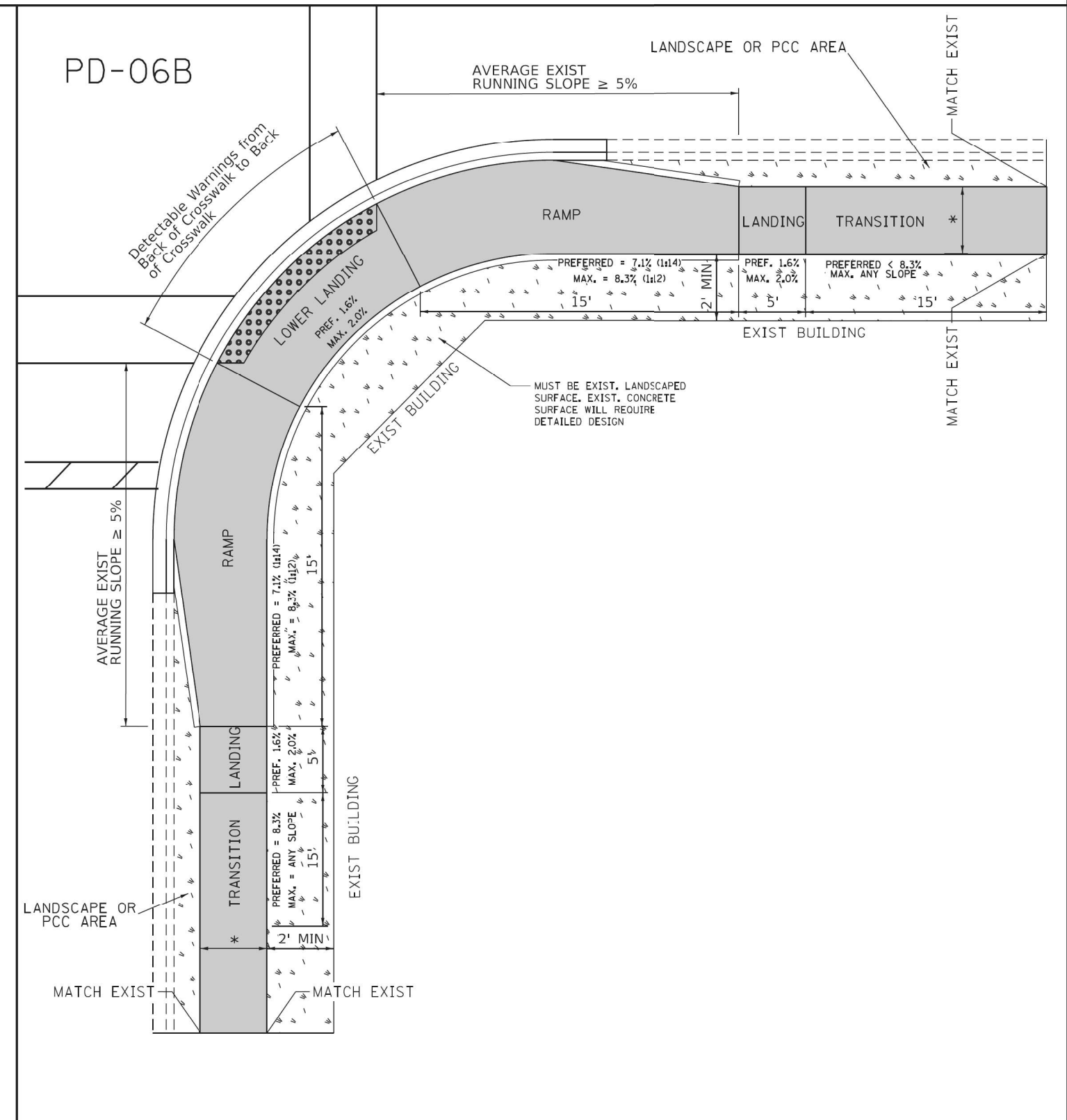
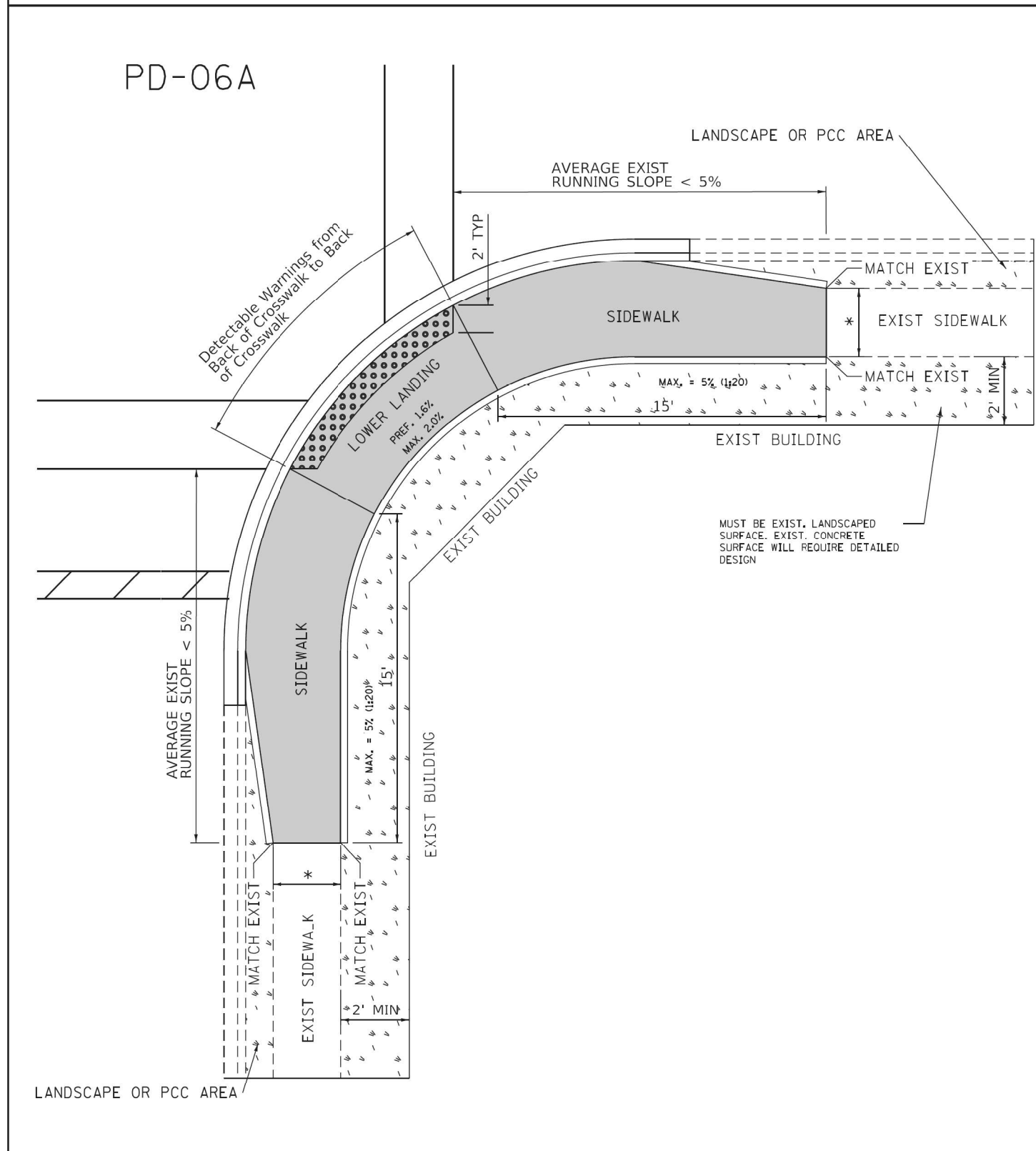
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS
(PD-05)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2020-111-RS	COOK	53	52
PD-05			CONTRACT NO. 62L89	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING



- DESIGNER NOTES:**
- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
 - 2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
 - 3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
 - 4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

LEGEND

	PROPOSED SIDE CURB
	EXIST. GRASS
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS

- CONSTRUCTION NOTES:**
- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

FILE NAME =	USER NAME = ledzerm	DESIGNED -	REVISED -
Gräef	details\Typical-ADA-sht-plan.dgn	DRAWN - RL 11/12/2019	REVISED -
	PLOT SCALE = 10,0000 / 1in.	CHECKED -	REVISED -
	PLOT DATE = 12/17/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROJECT DETAIL FOR PARALLEL CURB RAMPS (PD-06)			
SCALE:	SHEET OF SHEETS	STA. TO STA.	
			F.A.P. RTE. 377 SECTION 2020-111-RS COUNTY COOK TOTAL SHEETS 53 SHEET NO. 53
			PD-06 CONTRACT NO. 62L89
			ILLINOIS FED. AID PROJECT