

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	1
		ILLINOIS	CONTRACT NO. 62L22	

FOR INDEX OF SHEETS, SEE SHEET NO.

THIS PROJECT IS LOCATED IN THE CITY OF AURORA

**PROPOSED
HIGHWAY PLANS**

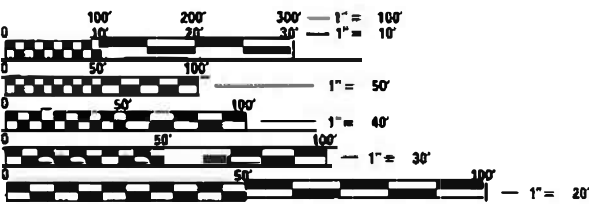
F.A.U. ROUTE 3902: IL. 31 (LAKE ST.)
I-88 TO RATHBONE AVE.
SECTION: 2020-050-RS&SW
SMART OVERLAY AND ADA IMPROVEMENTS
KANE COUNTY

TRAFFIC DATA:

IL. 31

2019 ADT = 15,400 TO 21,600

POSTED SPEED LIMIT = 30 TO 35 MPH



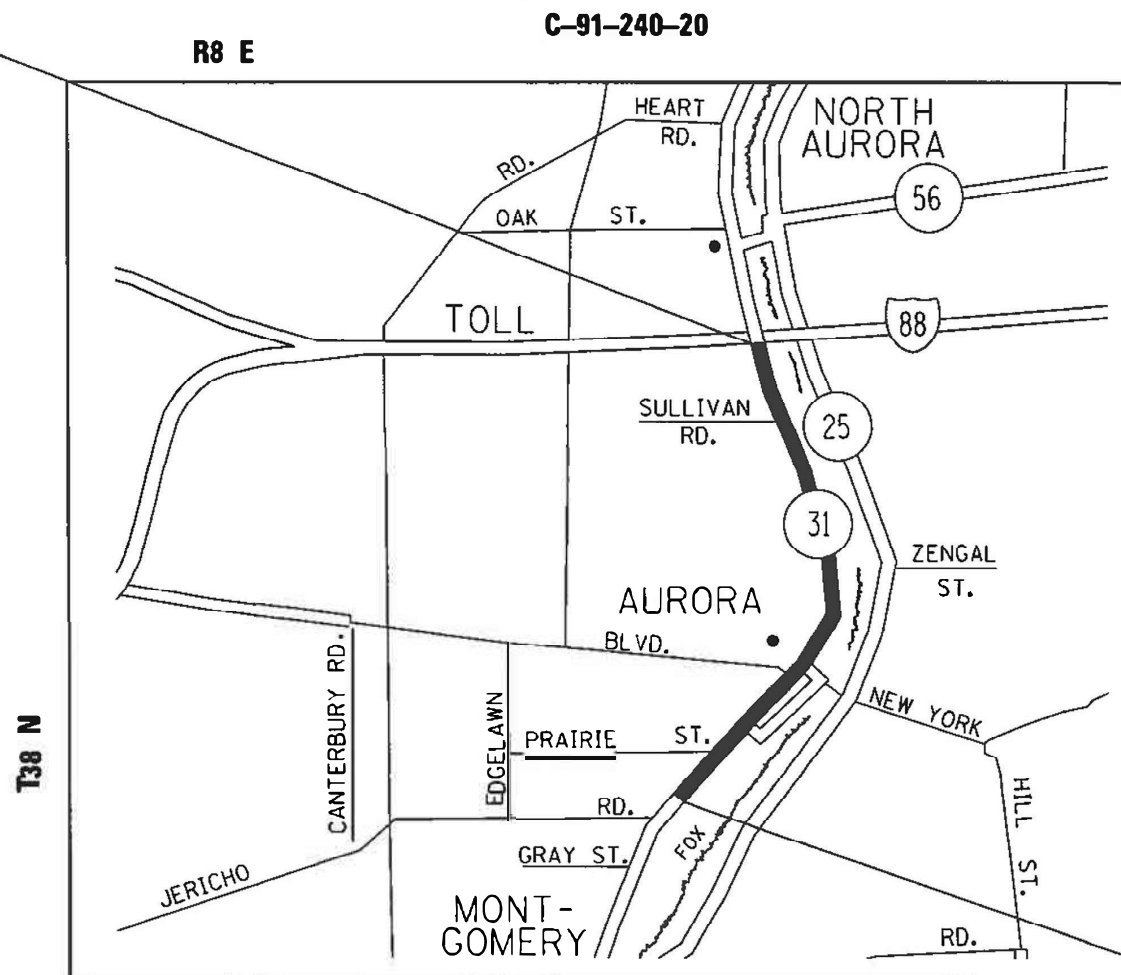
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER DANIEL WILGREEN (847) 705-4240
PROJECT MANAGER FAWAD AQUEEL (847) 705-4247

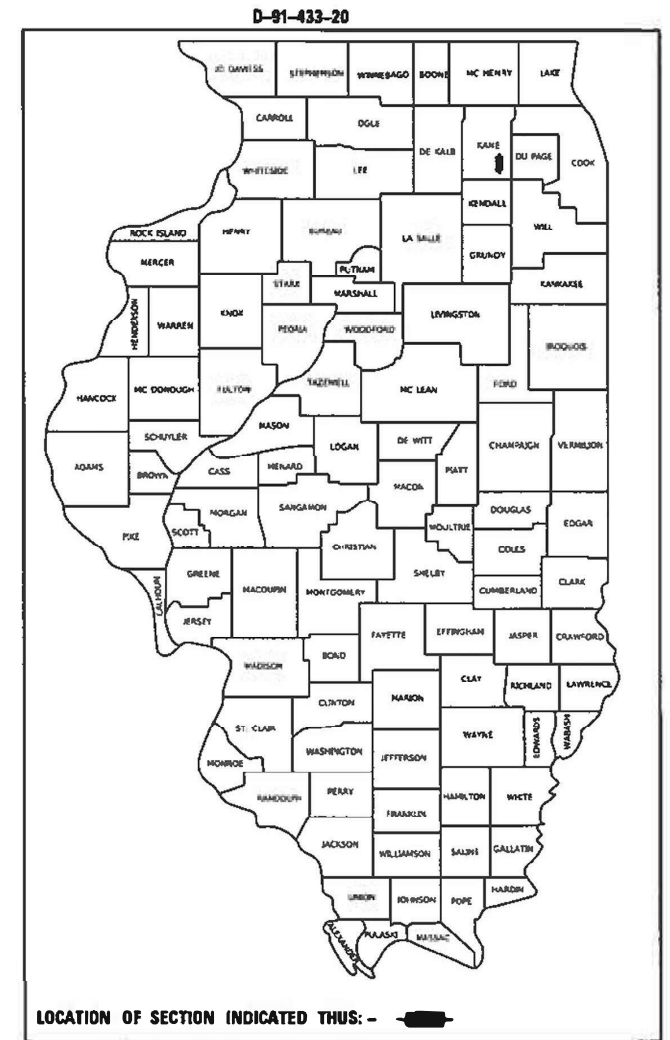
CONTRACT NO. 62L22

IMPROVEMENT ENDS
STA. 226+65



AURORA TOWNSHIP
GROSS LENGTH = 21265 FT. = 4.0 MILE
NET LENGTH = 21265 FT. = 4.0 MILE

IMPROVEMENT BEGINS
STA. 14+00



LOCATION OF SECTION INDICATED THIS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 28, 2020

Quincy J. Dunphy REGIONAL ENGINEER

October 2, 2020

Scott A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

October 2, 2020

James M. Gu
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		100% STATE 0005 ROADWAY				
20200100	EARTH EXCAVATION	CU YD	127	127				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	339	339				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	64	64				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	64	64				
25200110	SODDING, SALT TOLERANT	SO YD	339	339				
25200200	SUPPLEMENTAL WATERING	UNIT	1	1				
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	1021	1021				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	64788	64788				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	215	215				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	901	901				
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, IL-9.5, MIX "F", N80	TON	14021	14021				
42001300	PROTECTIVE COAT	SO YD	1126	1126				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	99	99				
	* SPECIALTY ITEMS							

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		100% STATE 0005 ROADWAY				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	9187	9187				
42400800	DETECTABLE WARNINGS	SO FT	795	795				
44000100	PAVEMENT REMOVAL	SO YD	61	61				
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	143071	143071				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	11	11				
44000300	CURB REMOVAL	FOOT	91	91				
44000600	SIDEWALK REMOVAL	SO FT	8592	8592				
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SO YD	123	123				
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	858	858				
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	215	215				
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	358	358				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5	5				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2				
60255500	MANHOLES TO BE ADJUSTED	EACH	5	5				
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5				

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		100% STATE 0005 ROADWAY				
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2				
60600605	CONCRETE CURB, TYPE B	FOOT	922	922				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	127	127				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9				
67100100	MOBILIZATION	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
* SPECIALTY ITEMS								

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		100% STATE 0005 ROADWAY				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11520	11520				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	3840	3840				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	458	458				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	41000	41000				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4066	4066				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	588	588				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	612	612				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	337	337				
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	3840	3840				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	458	458				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	41000	41000				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4066	4066				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	100% STATE 0005 ROADWAY						CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	100% STATE 0005 ROADWAY					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	588	588						X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	183	183					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	612	612						X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	18658	18658					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	337	337						* X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	42240	42240					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1442	1442						Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	687	687					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1442	1442						Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	20	20					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	9685	9685						Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	52	52					
89502376	REBUILD EXISTING HANDHOLE	EACH	20	20						Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	21265	21265					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1						Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500					
X0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	15957	15957															
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	621	621															
X4400501	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT EQUAL TO OR LESS THAN 10 FEET	FOOT	2063	2063															
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	200	200															
	*SPECIALTY ITEMS																		

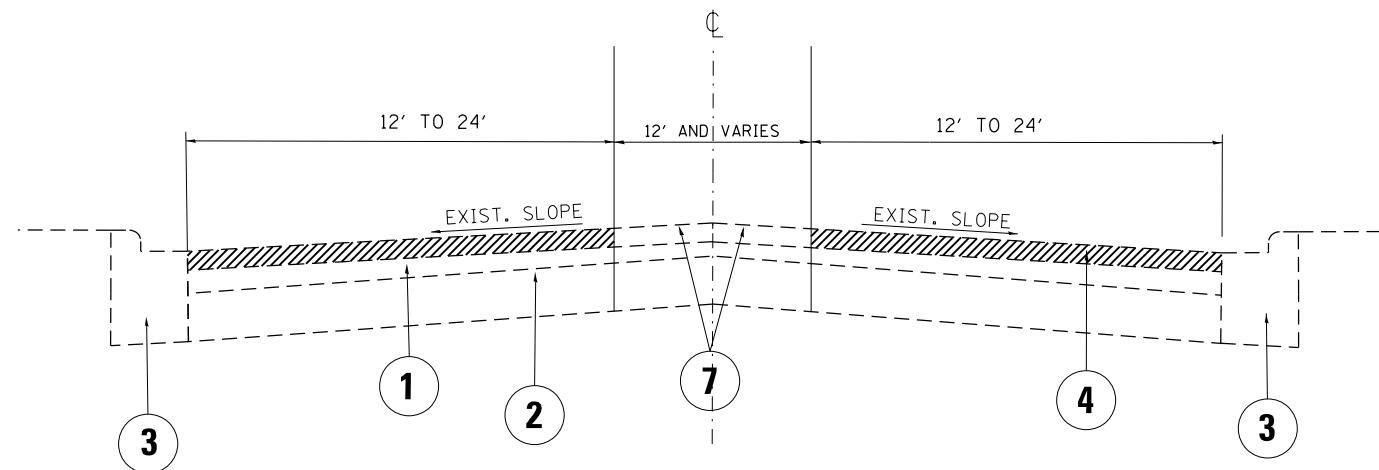
0042

REV-SEP

LEGEND

- ① EXISTING HMA PAVEMENT, VARIES 5" TO 6" (±)
- ② EXISTING PCC PAVEMENT, 9" (±)
- ③ EXISTING COMB. CURB AND GUTTER
- ④ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1¾"
- ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80 1¾"
- ⑥ PROPOSED CENTERLINE RUMBLE STRIP, 16"
- ⑦ EXISTING MEDIAN (LANDSCAPE OR CONCRETE)

IL. 31 (LAKE ST.)

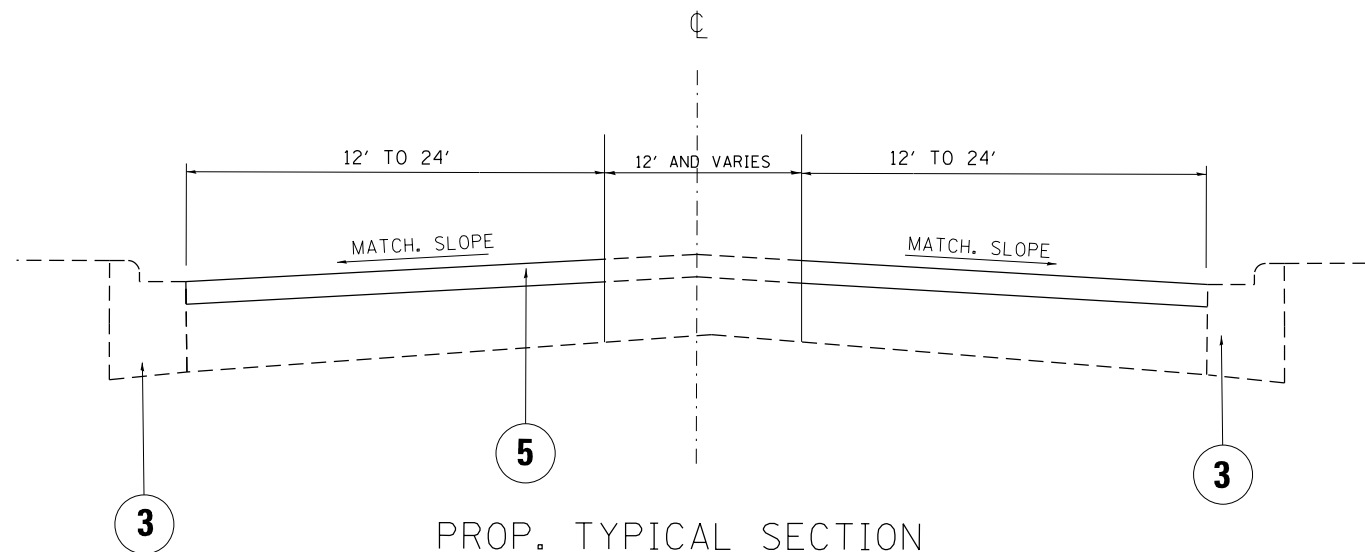


EXIST. TYPICAL SECTION

STA. 123+00 TO STA. 196+00 (LANDSCAPE MEDIAN)

STA. 196+00 TO STA. 226+65 (CONCRETE MEDIAN)

IL. 31 (LAKE ST.)



PROP. TYPICAL SECTION

STA. 123+00 TO STA. 196+00 (LANDSCAPE MEDIAN)

STA. 196+00 TO STA. 226+65 (CONCRETE MEDIAN)

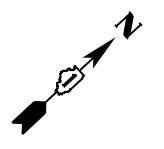
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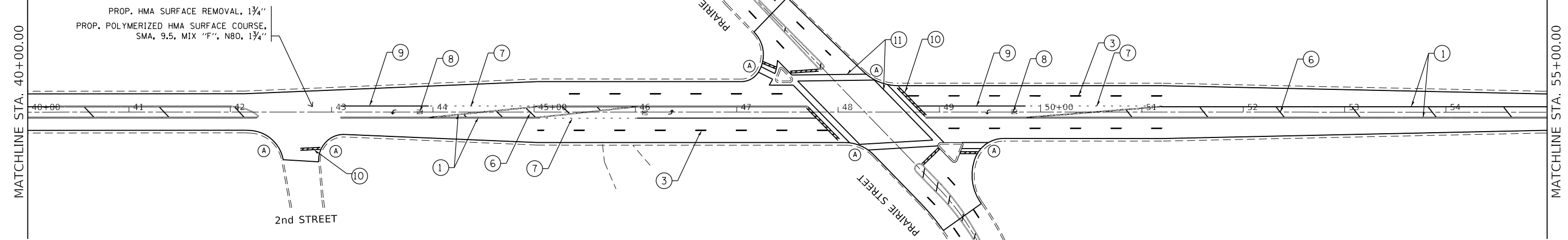
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL. 31 (I-88 TO RATHBONE AVE.)	
TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	7
CONTRACT NO. 62L22				
		ILLINOIS	FED. AID PROJECT	



IL. ROUTE 31
(LAKE STREET)



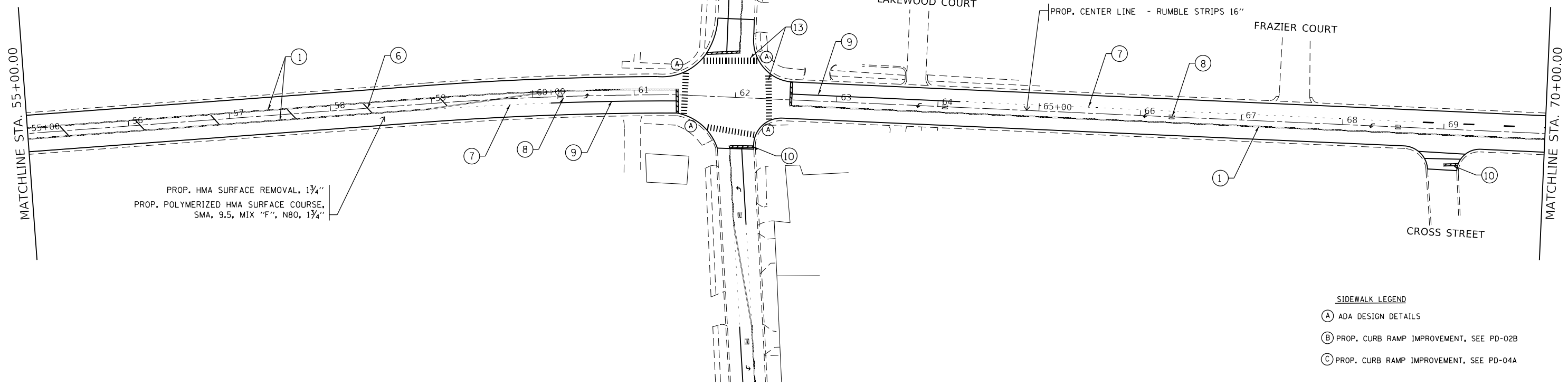
PROP. HMA SURFACE REMOVAL, 1 3/4"
PROP. POLYMERIZED HMA SURFACE COURSE,
SMA, 9.5, MIX "F", N80, 1 3/4"

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
- ② THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)
- ③ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.)
- ④ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW NO PASSING ZONE LINE FOR ONE DIRECTION, 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.)
- ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE SHOULDER DIAGONAL LINE (TYP.)
- ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)
- ⑦ THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
- ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
- ⑨ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE (TYP.)
- ⑩ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
- ⑪ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 10' C-C (TYP.)
- ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE, SPACED 50' C-C APART (TYP.)
- ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.)
- ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE GORE CHEVRON (TYP.)
- ⑮ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.)

2nd STREET

IL. ROUTE 31
(LAKE STREET)



PROP. HMA SURFACE REMOVAL, 1 3/4"
PROP. POLYMERIZED HMA SURFACE COURSE,
SMA, 9.5, MIX "F", N80, 1 3/4"

PROP. CENTER LINE - RUMBLE STRIPS 16"

SIDEWALK LEGEND

- (A) ADA DESIGN DETAILS
- (B) PROP. CURB RAMP IMPROVEMENT, SEE PD-02B
- (C) PROP. CURB RAMP IMPROVEMENT, SEE PD-04A

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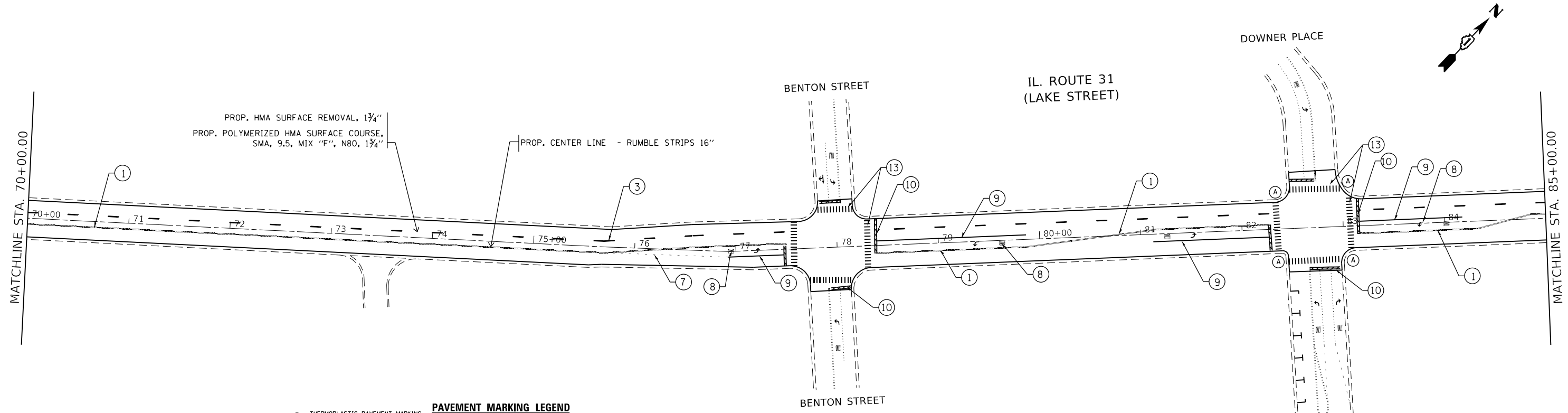
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

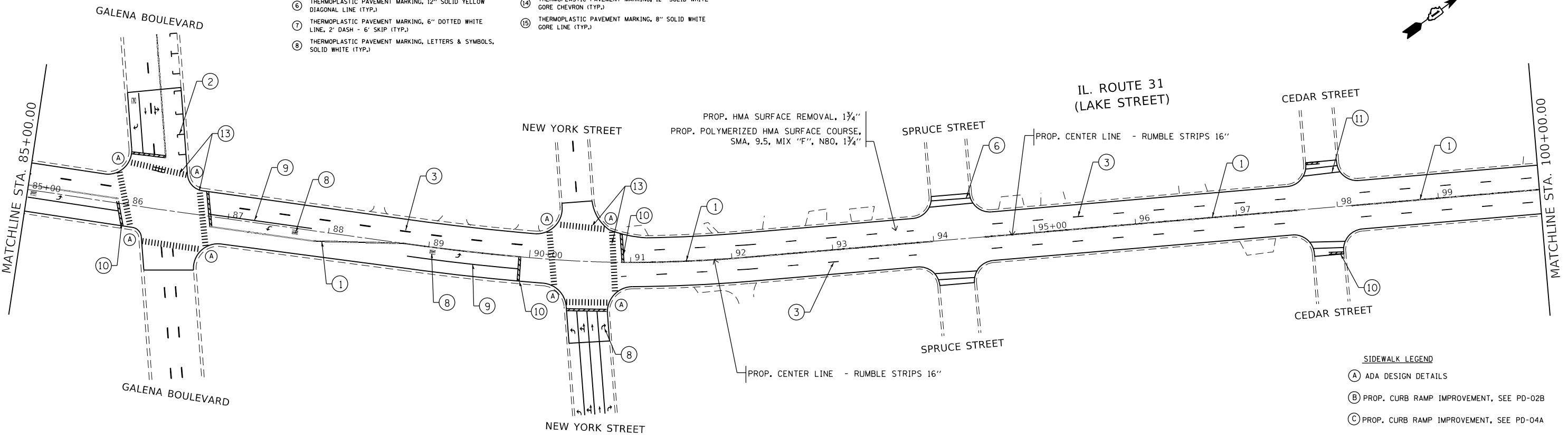
**EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 31 (I-88 TO RATHBONE AVENUE)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	9
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
 - ② THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)
 - ③ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.)
 - ④ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW NO PASSING ZONE LINE FOR ONE DIRECTION, 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.)
 - ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE SHOULDER DIAGONAL LINE (TYP.)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
 - ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
 - ⑨ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE (TYP.)
 - ⑩ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
 - ⑪ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 10' C-C (TYP.)
 - ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE, SPACED 50' C-C APART (TYP.)
 - ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.)
 - ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE GORE CHEVRON (TYP.)
 - ⑮ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.)



- SIDEWALK LEGEND**
- (A) ADA DESIGN DETAILS
 - (B) PROP. CURB RAMP IMPROVEMENT, SEE PD-02B
 - (C) PROP. CURB RAMP IMPROVEMENT, SEE PD-04A

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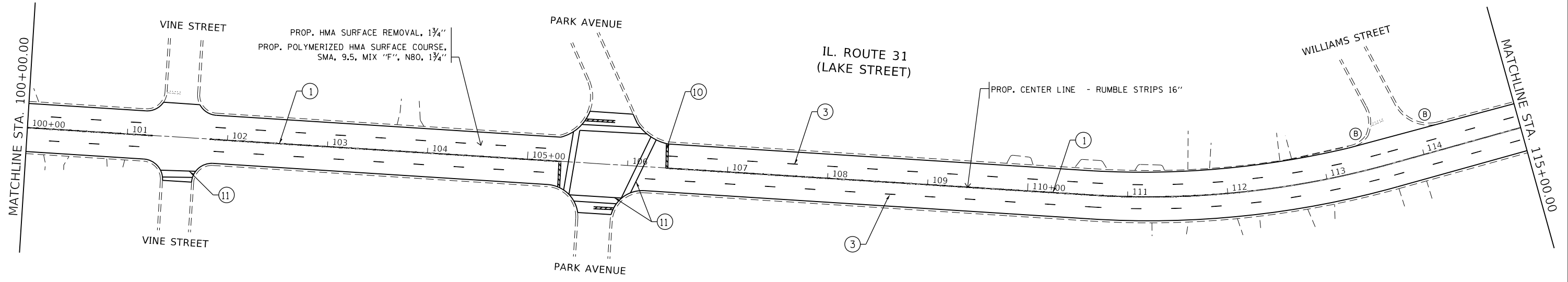
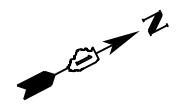
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PLOT DATE = 8/14/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 31 (I-88 TO RATHBONE AVENUE)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	10
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				

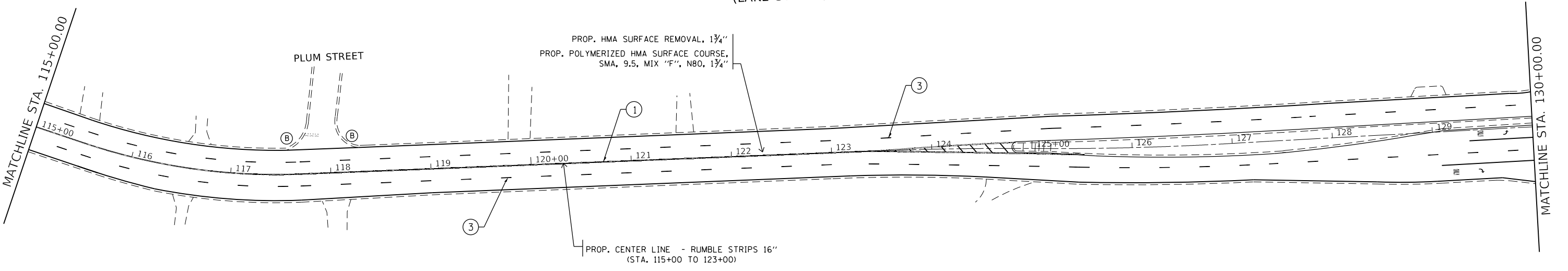


PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
- ② THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)
- ③ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.)
- ④ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW NO PASSING ZONE LINE FOR ONE DIRECTION, 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.)
- ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE SHOULDER DIAGONAL LINE (TYP.)
- ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)
- ⑦ THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
- ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
- ⑨ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE (TYP.)
- ⑩ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
- ⑪ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 10' C-C (TYP.)
- ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE, SPACED 50" C-C APART (TYP.)
- ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2" APART (TYP.)
- ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE GORE CHEVRON (TYP.)
- ⑮ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.)



IL. ROUTE 31 (LAKE STREET)



- SIDEWALK LEGEND**
- (A) ADA DESIGN DETAILS
 - (B) PROP. CURB RAMP IMPROVEMENT, SEE PD-02B
 - (C) PROP. CURB RAMP IMPROVEMENT, SEE PD-04A

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/14/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 31 (I-88 TO RATHBONE AVENUE)**

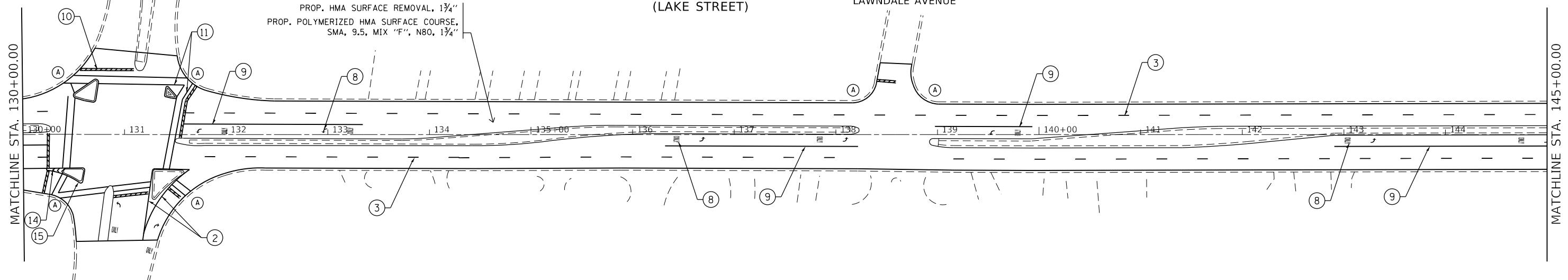
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	11
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				

ILLINOIS AVENUE

IL. ROUTE 31
(LAKE STREET)

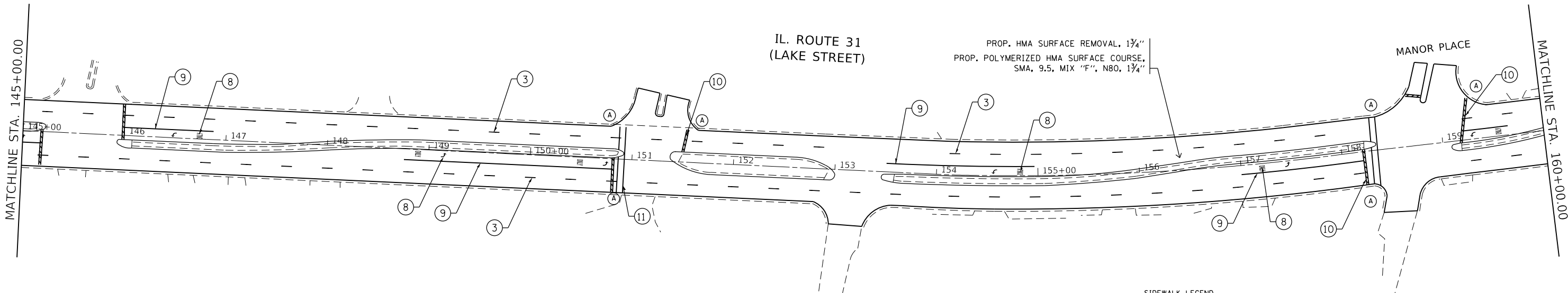
LAWNDALE AVENUE



PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑨ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE (TYP.) |
| ② THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.) | ⑩ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.) |
| ③ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.) | ⑪ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 10' C-C (TYP.) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW NO PASSING ZONE LINE FOR ONE DIRECTION, 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.) | ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE, SPACED 50' C-C APART (TYP.) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE SHOULDER DIAGONAL LINE (TYP.) | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.) |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.) | ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE GORE CHEVRON (TYP.) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.) | ⑮ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.) |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | |

ILLINOIS AVENUE



SIDEWALK LEGEND

- (A) ADA DESIGN DETAILS
- (B) PROP. CURB RAMP IMPROVEMENT, SEE PD-02B
- (C) PROP. CURB RAMP IMPROVEMENT, SEE PD-04A

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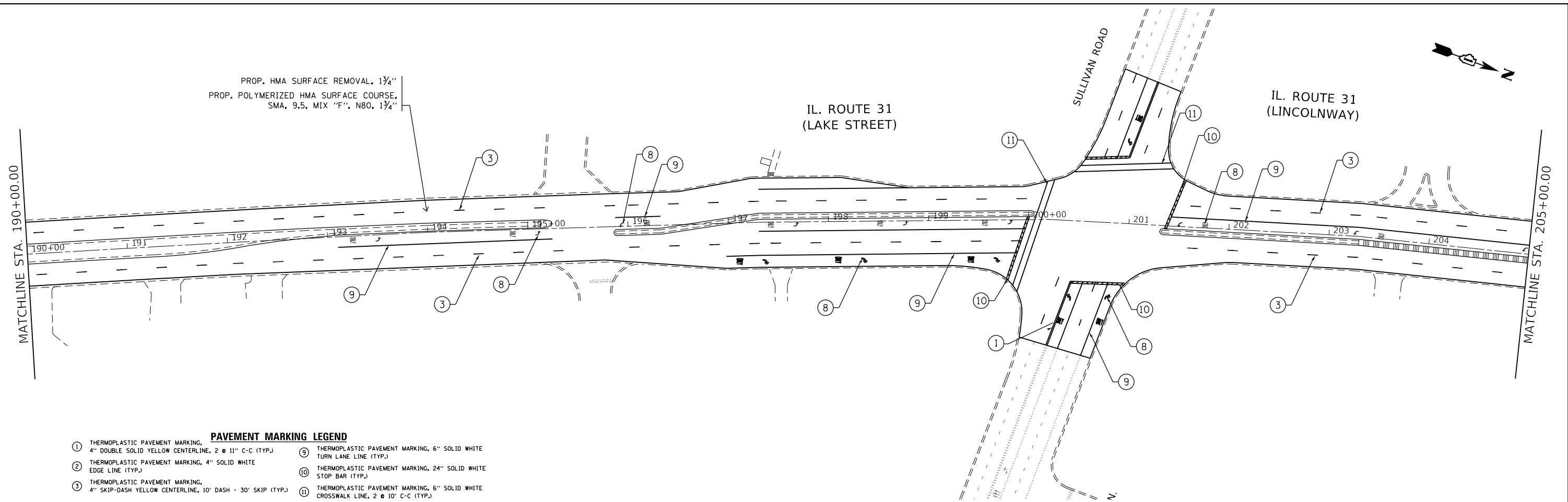
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

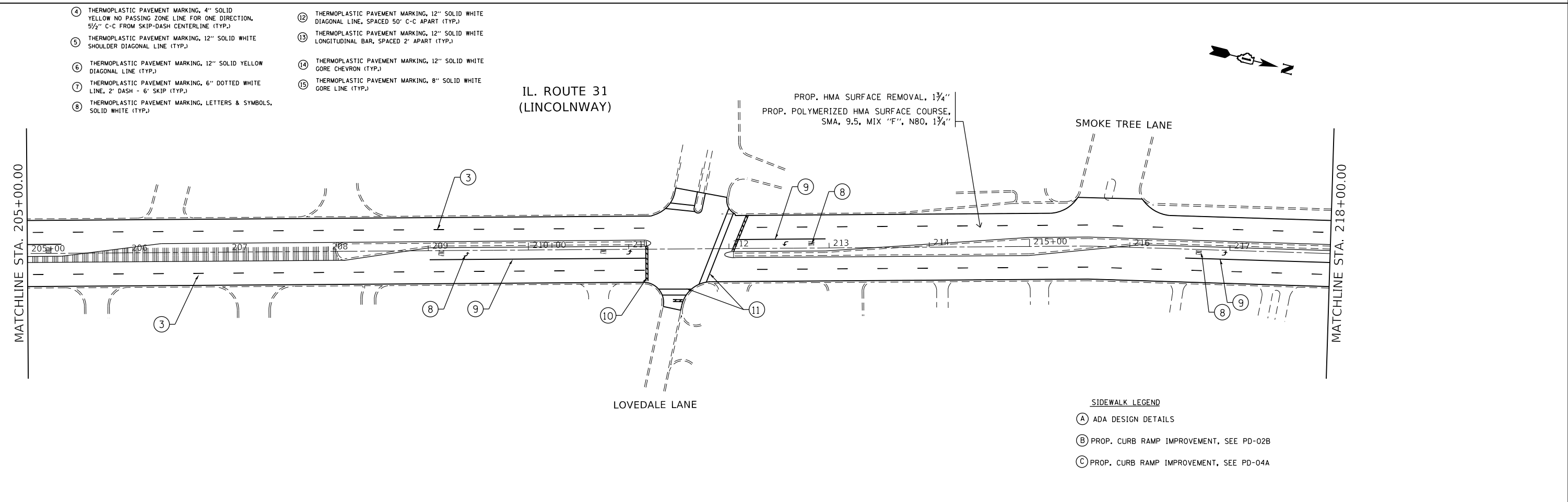
**EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 31 (I-88 TO RATHBONE AVENUE)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	12
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
 - ② THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)
 - ③ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.)
 - ④ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW NO PASSING ZONE LINE FOR ONE DIRECTION, 5/2" C-C FROM SKIP-DASH CENTERLINE (TYP.)
 - ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE SHOULDER DIAGONAL LINE (TYP.)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
 - ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
 - ⑨ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE (TYP.)
 - ⑩ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
 - ⑪ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 10' C-C (TYP.)
 - ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE, SPACED 50' C-C APART (TYP.)
 - ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.)
 - ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE GORE CHEVRON (TYP.)
 - ⑮ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.)



- SIDEWALK LEGEND**
- Ⓐ ADA DESIGN DETAILS
 - Ⓑ PROP. CURB RAMP IMPROVEMENT, SEE PD-02B
 - Ⓒ PROP. CURB RAMP IMPROVEMENT, SEE PD-04A

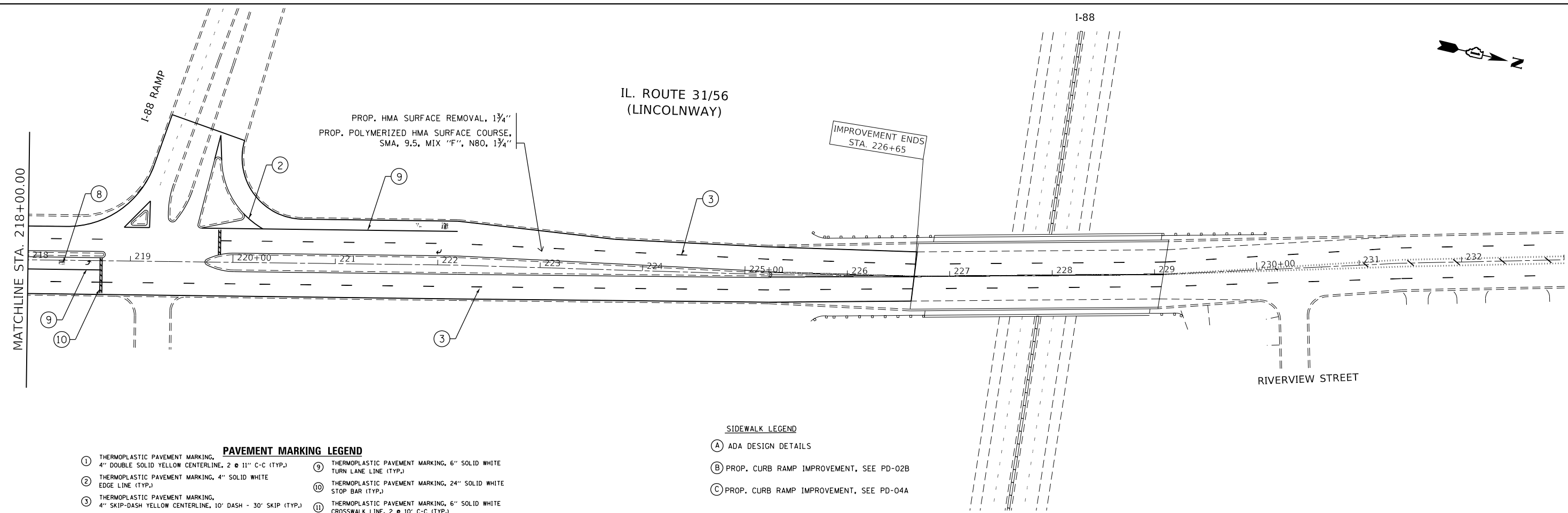
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED ROADWAY PLAN			
IL. ROUTE 31 (I-88 TO RATHBONE AVENUE)			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	14
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
 - ② THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)
 - ③ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.)
 - ④ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW NO PASSING ZONE LINE FOR ONE DIRECTION, 5 1/2" C-C FROM SKIP-DASH CENTERLINE (TYP.)
 - ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE SHOULDER DIAGONAL LINE (TYP.)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
 - ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
 - ⑨ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE (TYP.)
 - ⑩ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
 - ⑪ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 10' C-C (TYP.)
 - ⑫ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE, SPACED 50' C-C APART (TYP.)
 - ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.)
 - ⑭ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE GORE CHEVRON (TYP.)
 - ⑮ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.)

- SIDEWALK LEGEND**
- Ⓐ ADA DESIGN DETAILS
 - Ⓑ PROP. CURB RAMP IMPROVEMENT, SEE PD-02B
 - Ⓒ PROP. CURB RAMP IMPROVEMENT, SEE PD-04A

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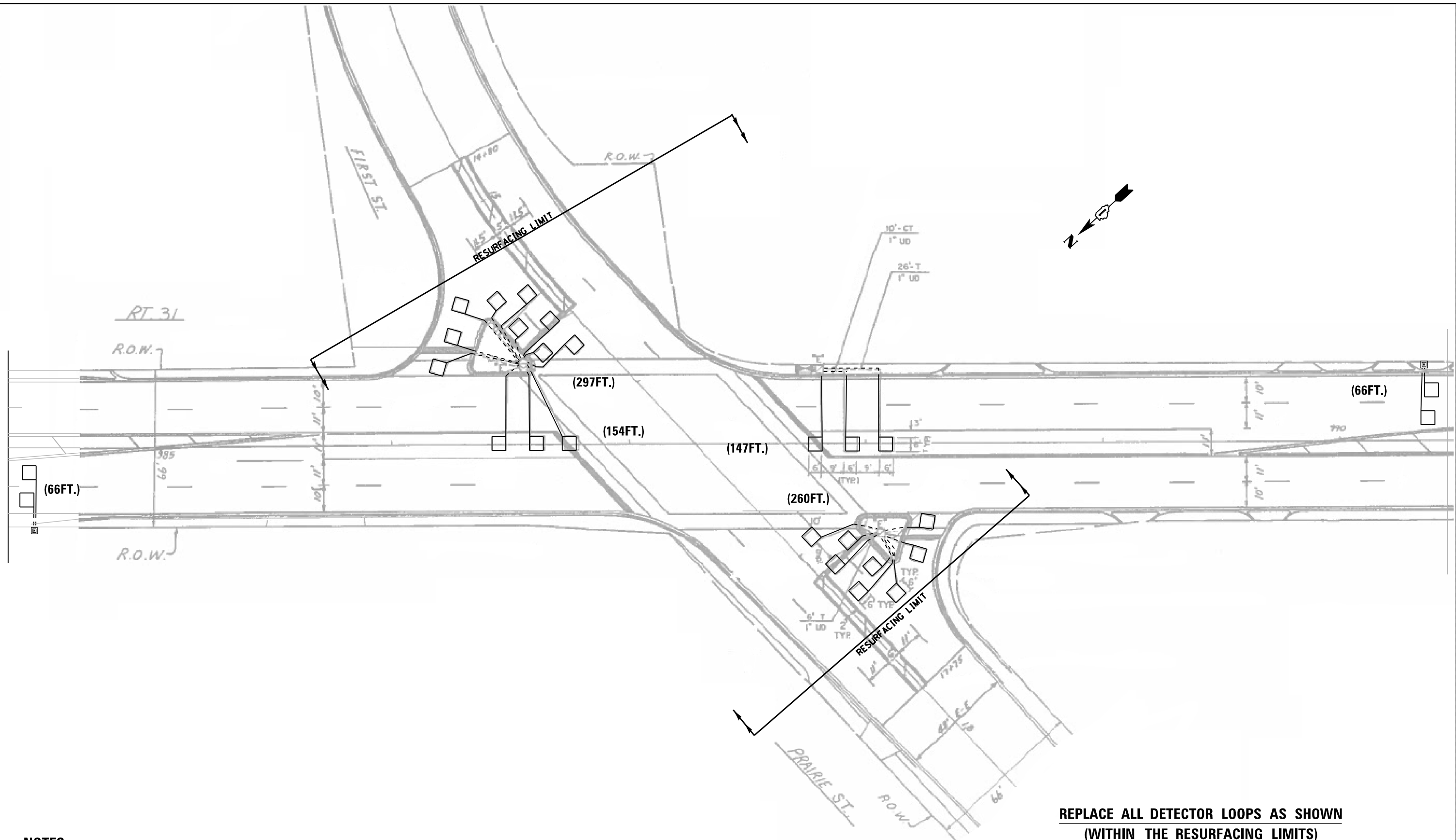
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
 IL. ROUTE 31 (I-88 TO RATHBONE AVENUE)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	15
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



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.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	990	FOOT

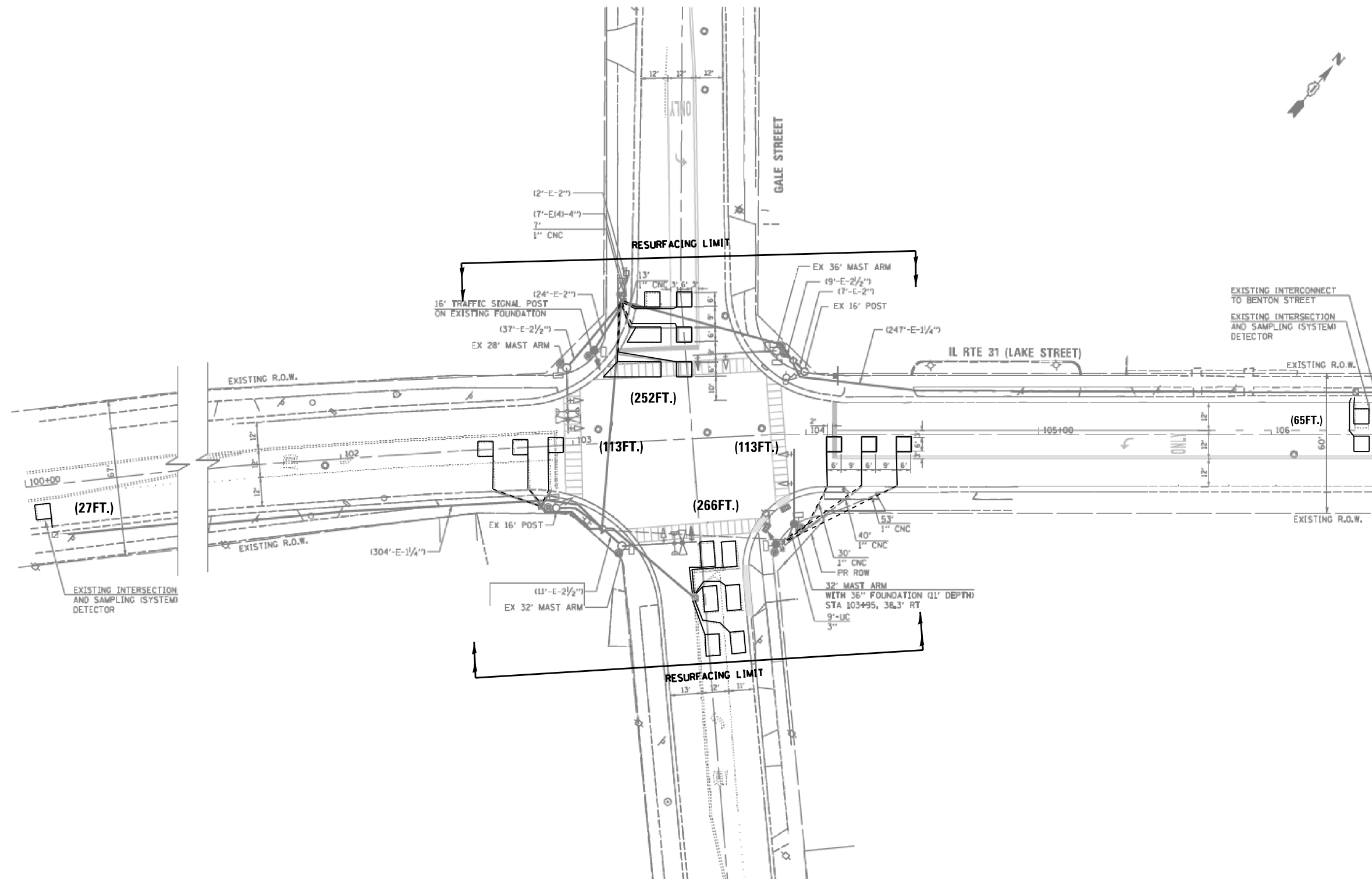
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	PLOT DATE = 7/21/2020	DATE - 04/16/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT PRAIRIE STREET**

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	16
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



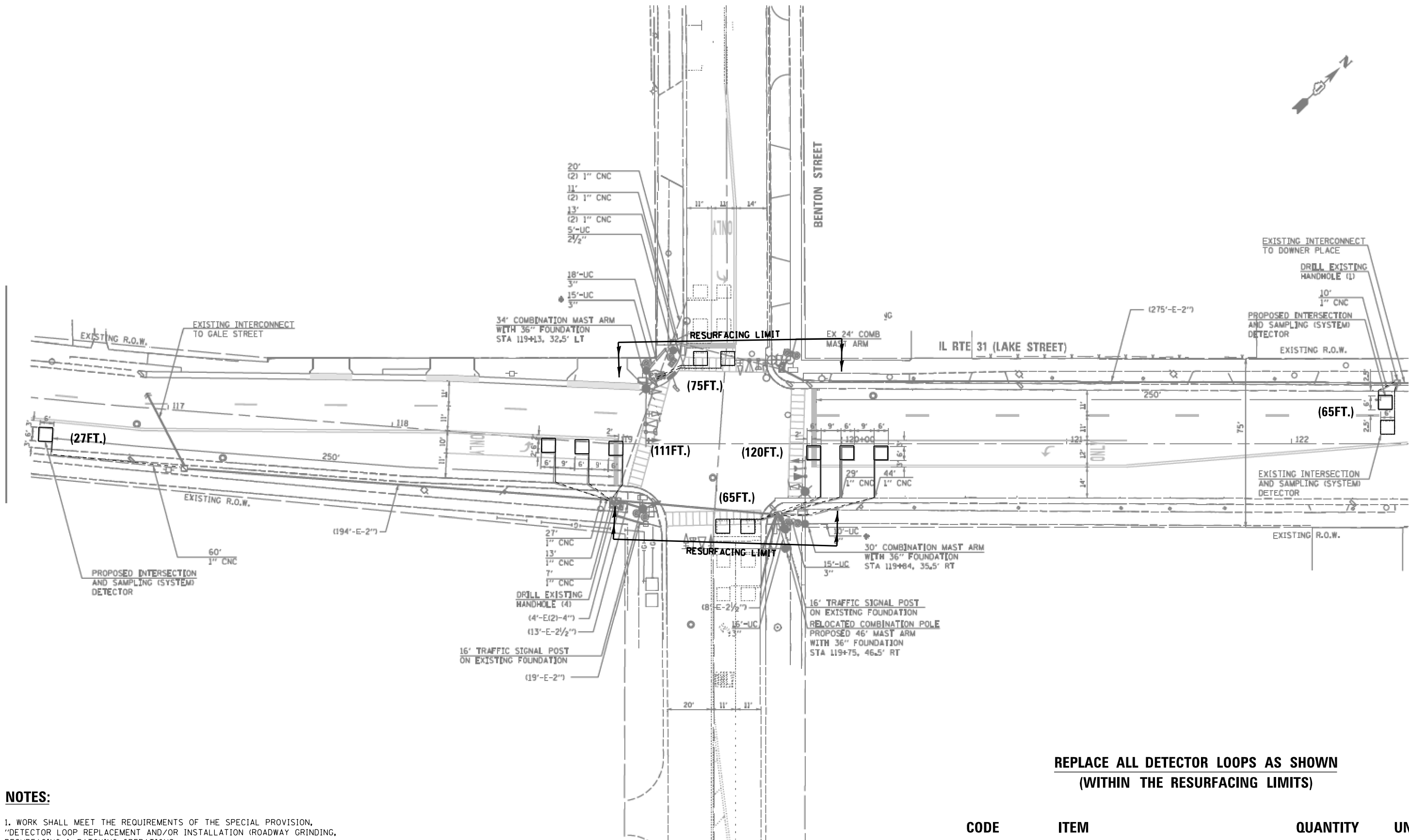
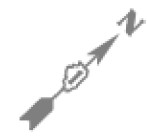
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

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	836	FOOT

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	PLOT DATE = 7/28/2020		REVISED -			ILLINOIS FED. AID PROJECT					



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.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	463	FOOT

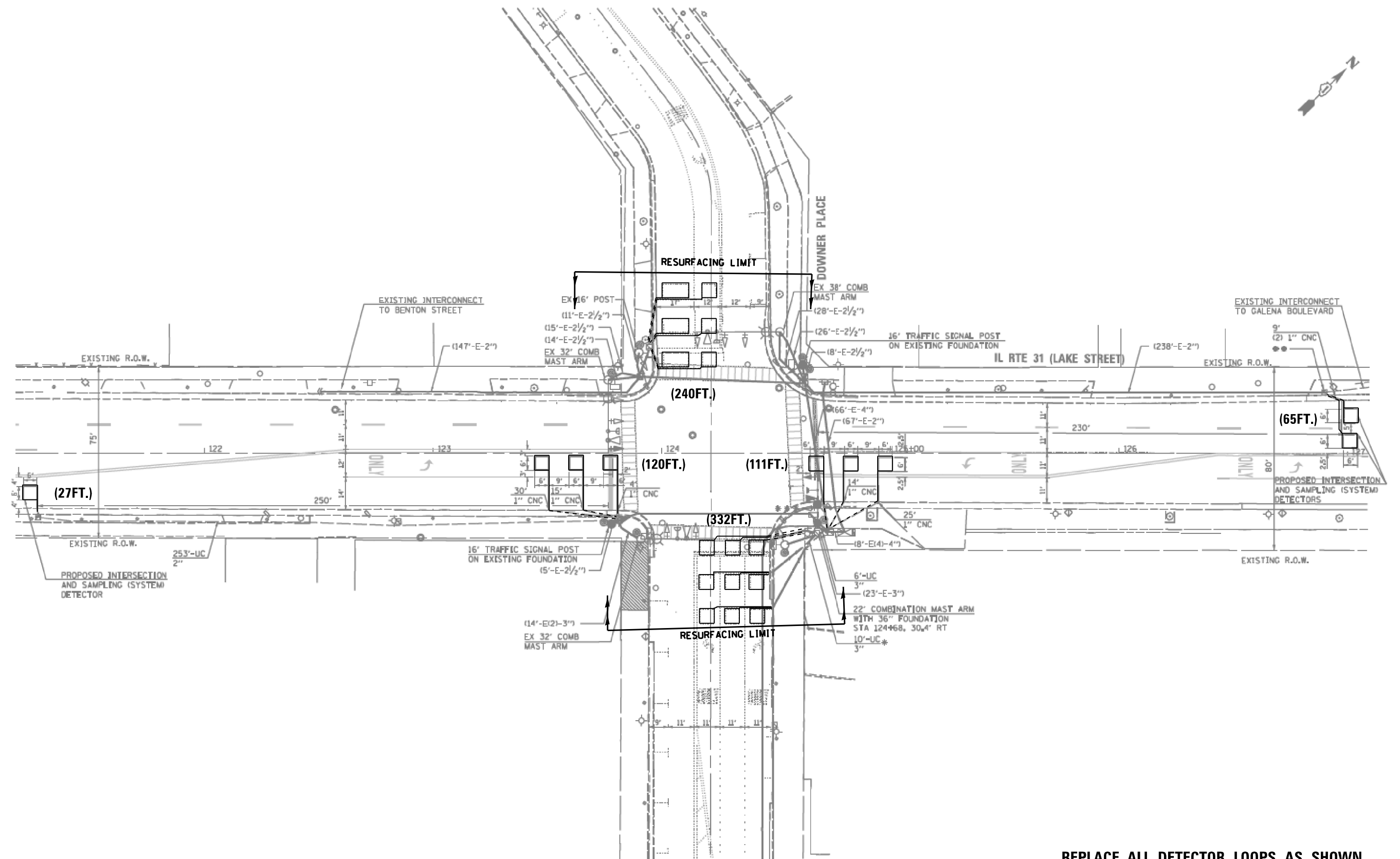
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT BENTON ST.**

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 3902	SECTION 2020-050-RS&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 18
			CONTRACT NO. 62L22	
ILLINOIS FED. AID PROJECT				



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.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	895	FOOT

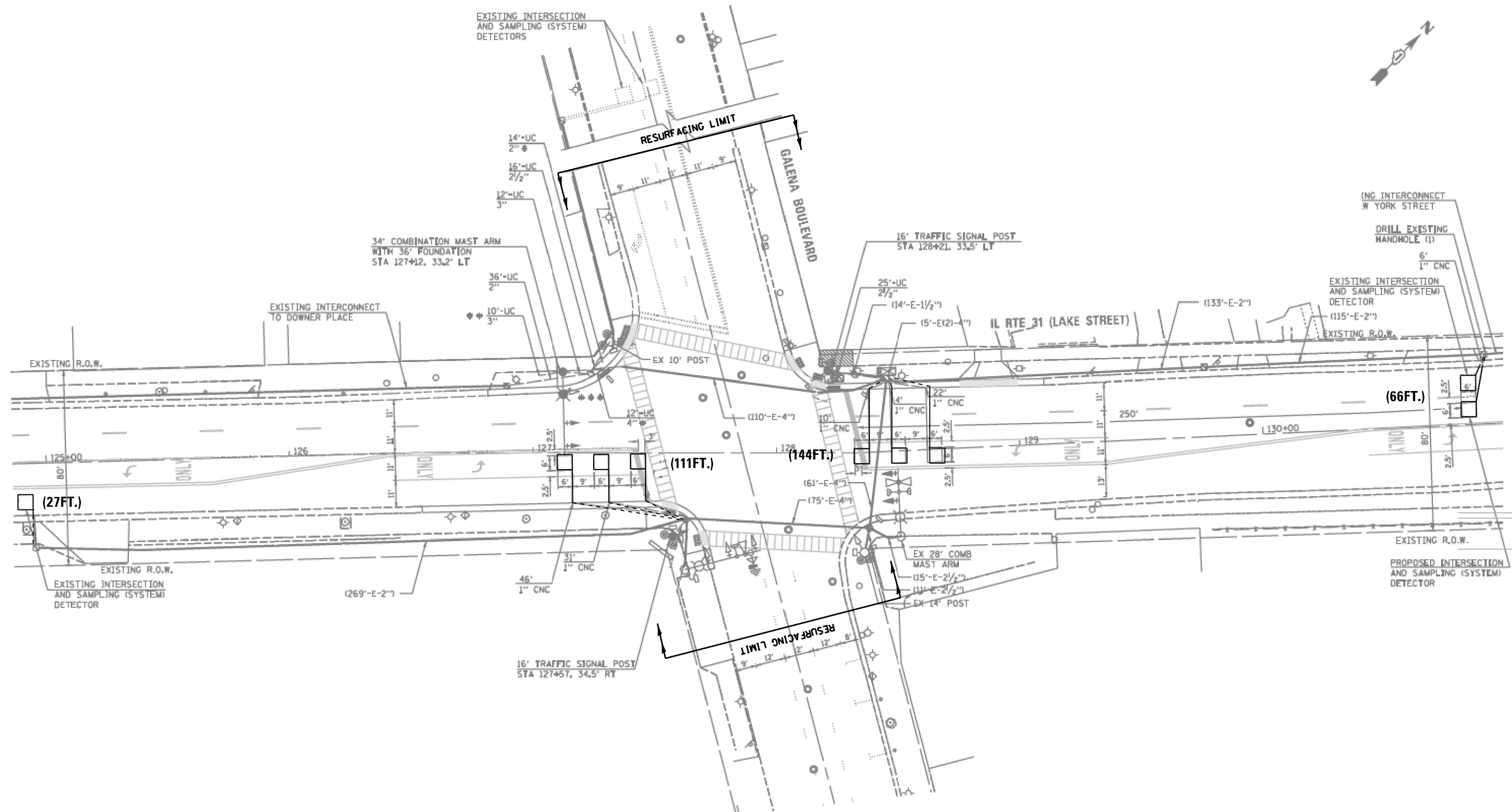
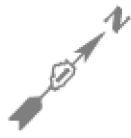
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	PLOT DATE = 7/24/2020	DATE - 04/16/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT DOWNER PLACE**

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	19
CONTRACT NO. 62L22				
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	348	FOOT

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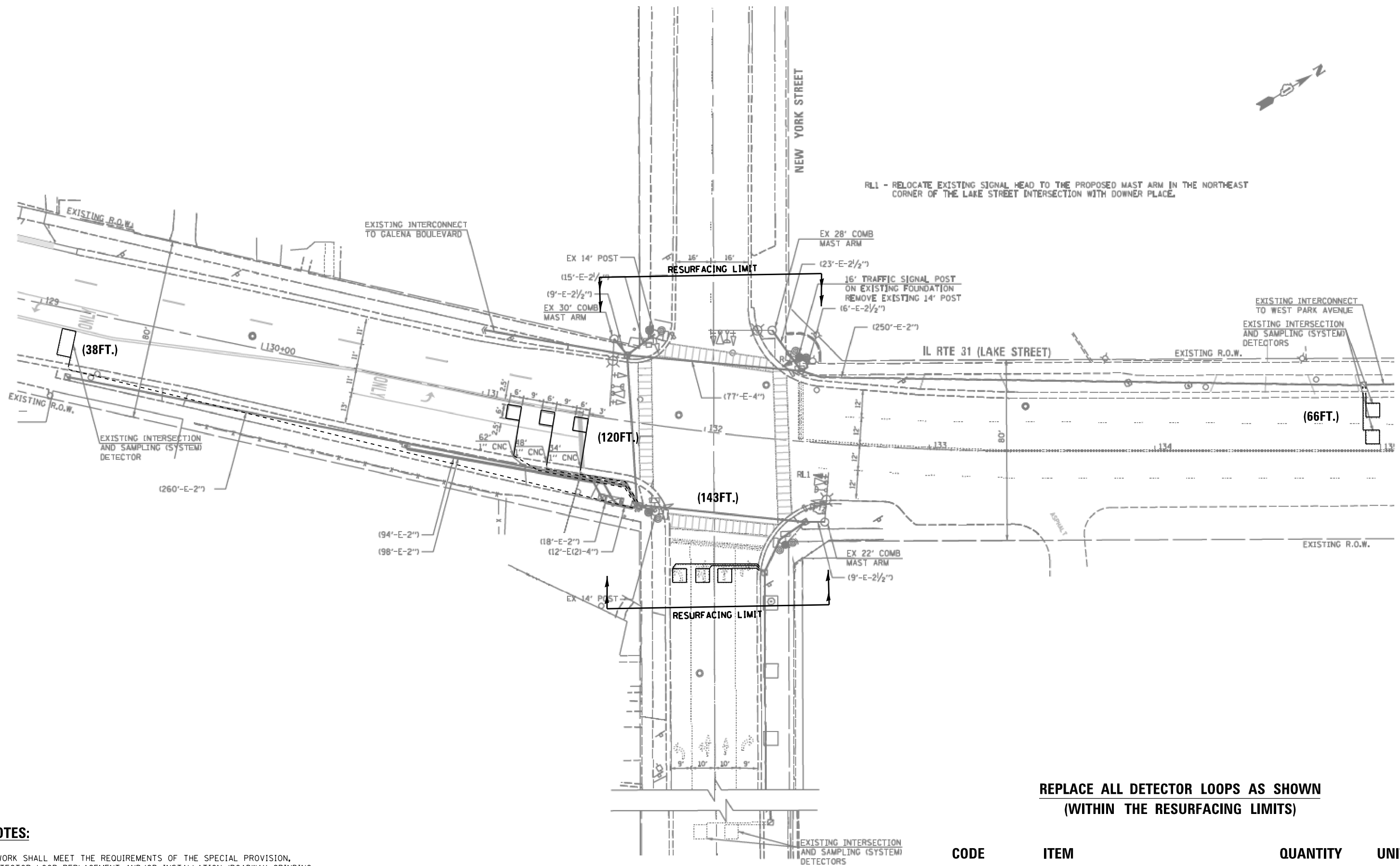
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN	
IL 31 AT GALENA BLV.	
SCALE: _____	SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 3902	SECTION 2020-050-RS&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 20
			CONTRACT NO. 62L22	
ILLINOIS FED. AID PROJECT				



RL1 - RELOCATE EXISTING SIGNAL HEAD TO THE PROPOSED MAST ARM IN THE NORTHEAST CORNER OF THE LAKE STREET INTERSECTION WITH DOWNER PLACE.



**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	367	FOOT

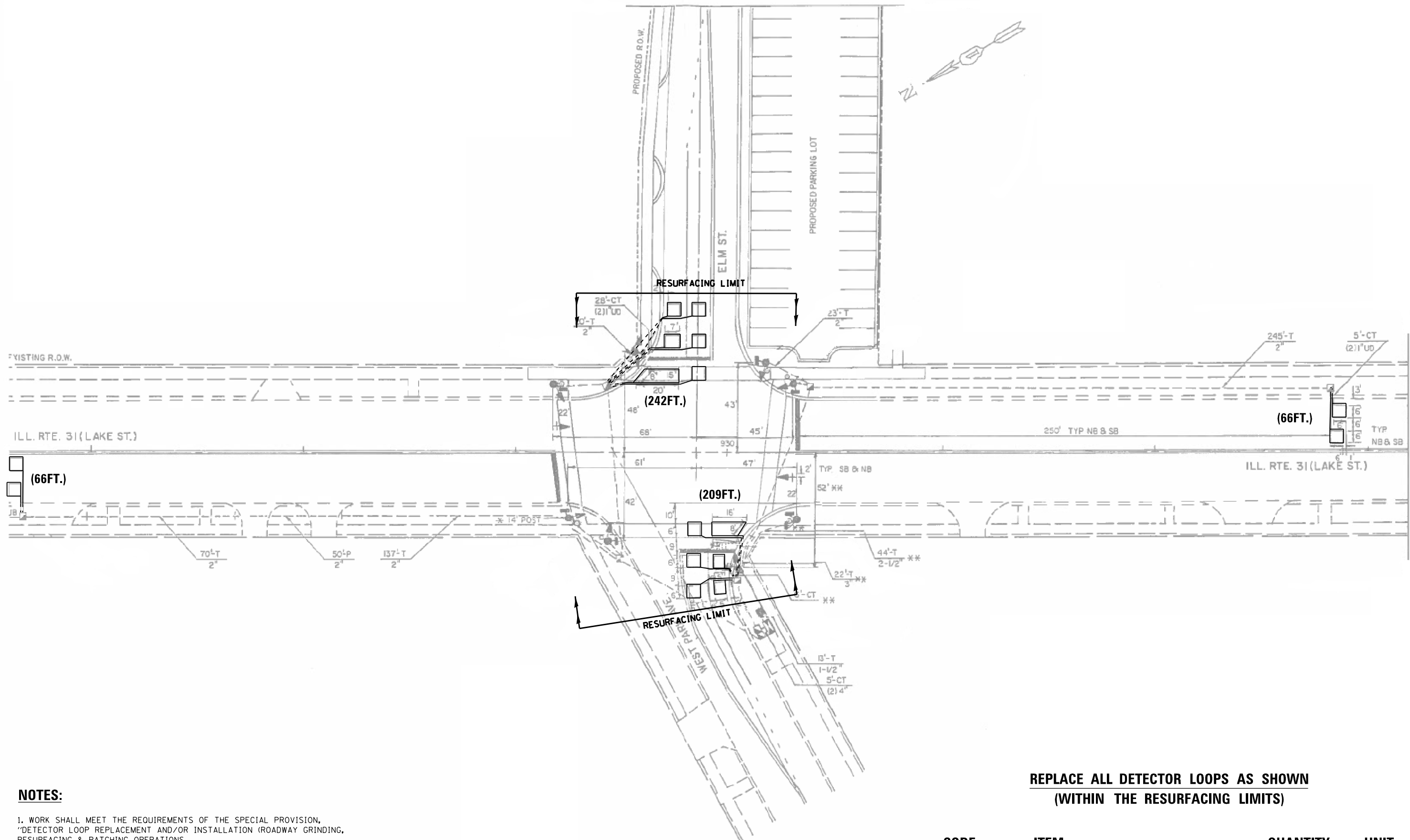
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	PLOT DATE = 7/24/2020	DATE - 04/16/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT NEW YORK ST.**

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8902	2020-050-RS&SW	KANE	69	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L22	



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.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	583	FOOT

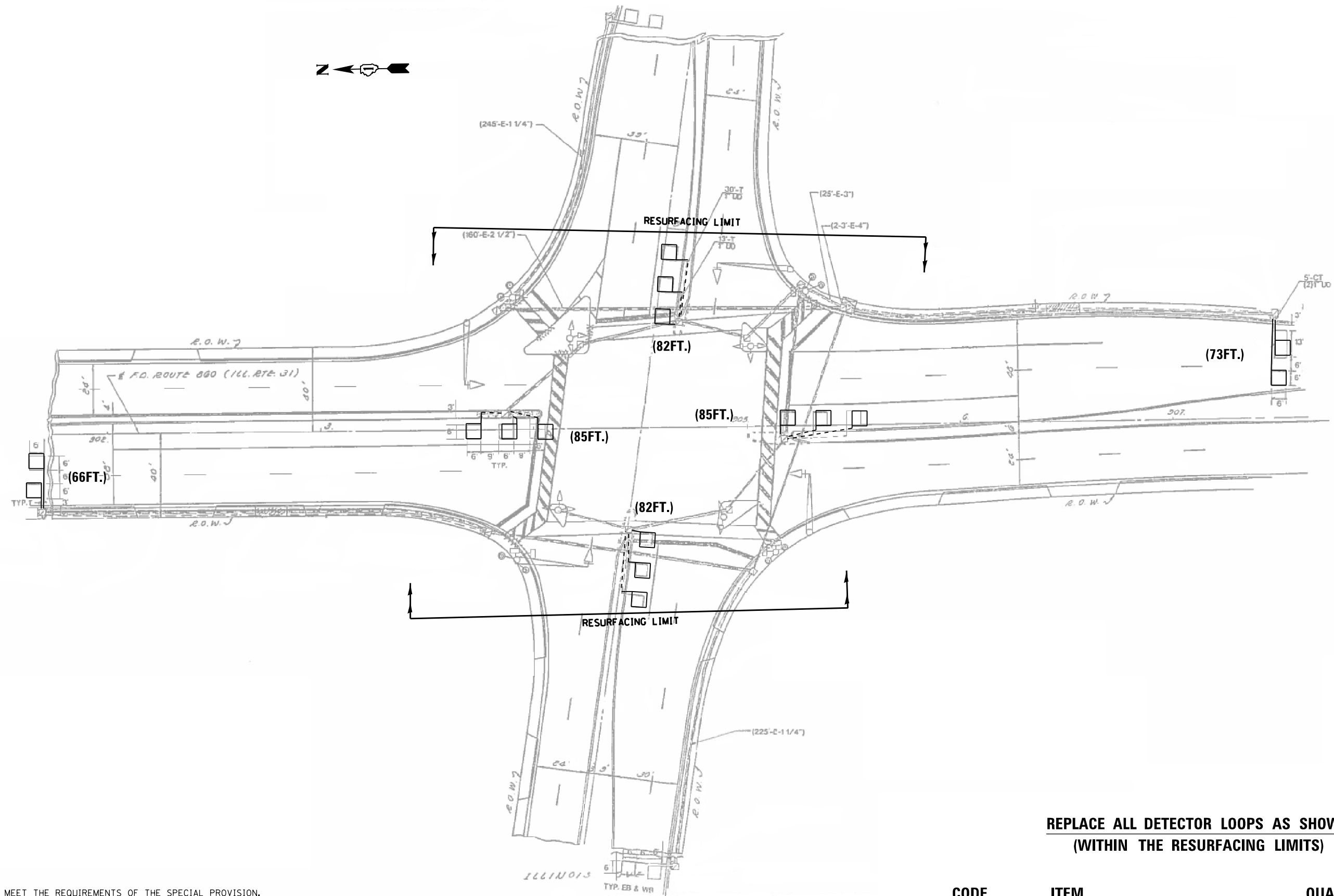
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - S.N.	REVISED -
	PLOT DATE = 7/21/2020	DATE - 04/16/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT WEST PARK AVE.**

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 3902	SECTION 2020-050-RS&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 22
			CONTRACT NO. 62L22	
ILLINOIS FED. AID PROJECT				



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.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	473	FOOT

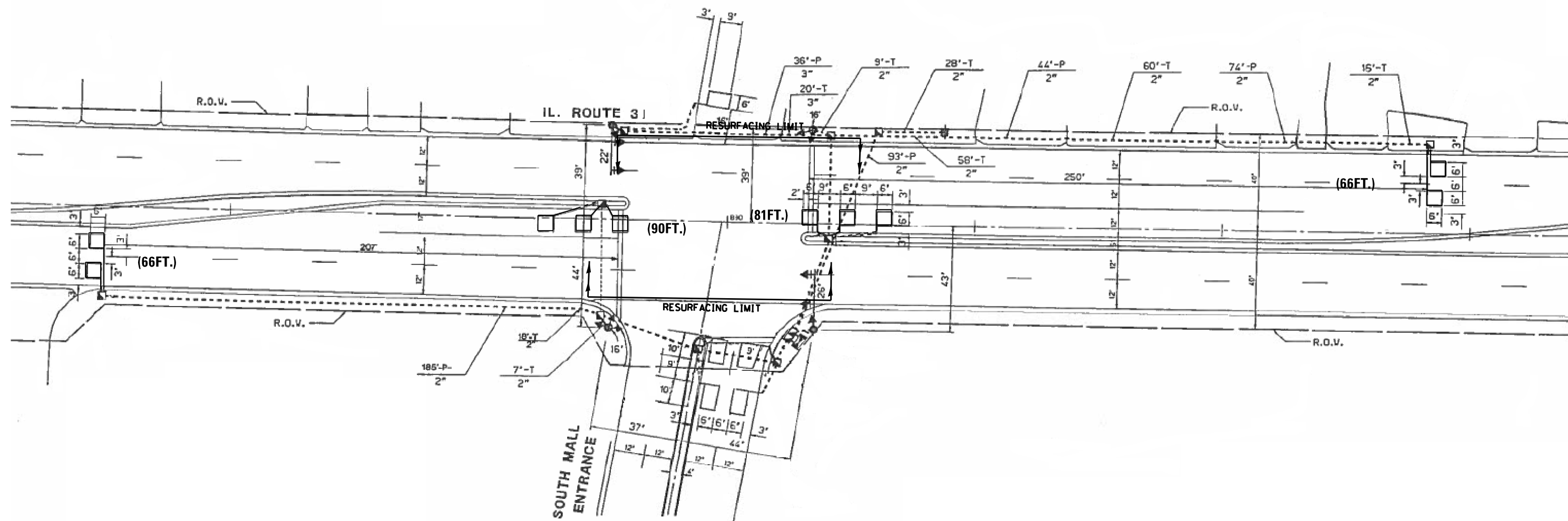
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - S.N.	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT ILLINOIS AVE.**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	23
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____



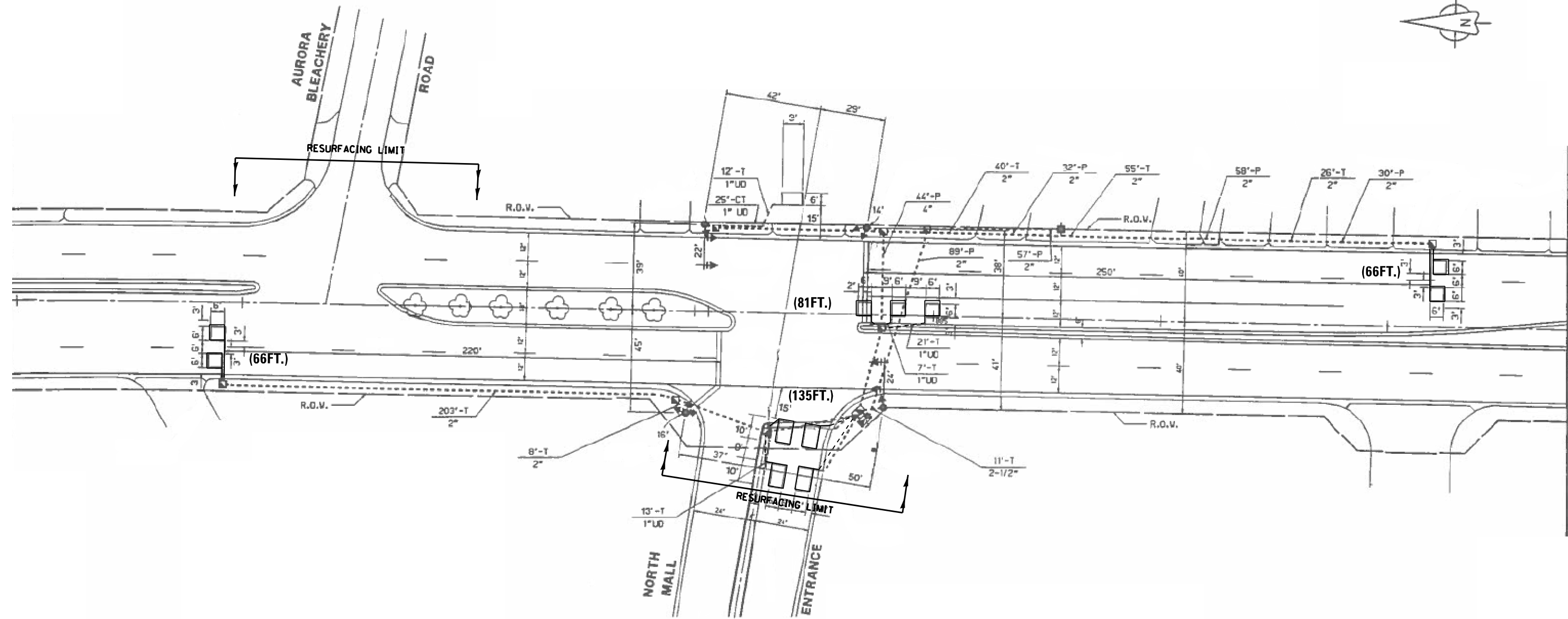
NOTES:

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.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	303	FOOT

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	PLOT DATE = 7/31/2020					ILLINOIS FED. AID PROJECT				



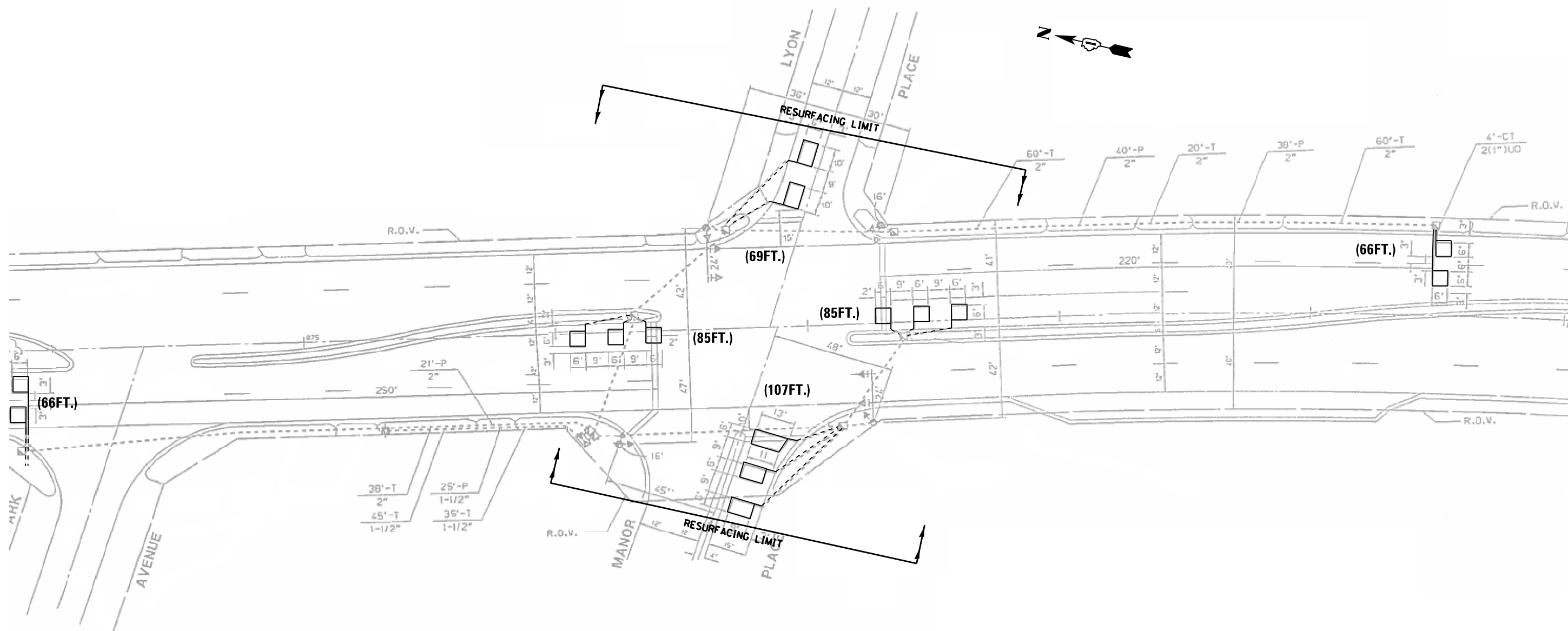
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

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	348	FOOT

FILE NAME =	USER NAME = mezag	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL 31 AT NORTHGATE SHOPPING CENTER NORTH ENTRANCE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 7/31/2020	DATE - 04/16/2020	REVISED -			ILLINOIS FED. AID PROJECT				



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.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	478	FOOT

FILE NAME =	USER NAME = mezag	DESIGNED -	REVISED -
C:\Users\mezag\Desktop\Detector Loops\2019-20\62L22 (IL31-Kane)\CADD\TS 9700 - IL 31		DRAWN - Manor Place	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - S.N.	REVISED -
	PLOT DATE = 7/27/2020	DATE - 04/16/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT LYON PLACE / MANOR PLACE**

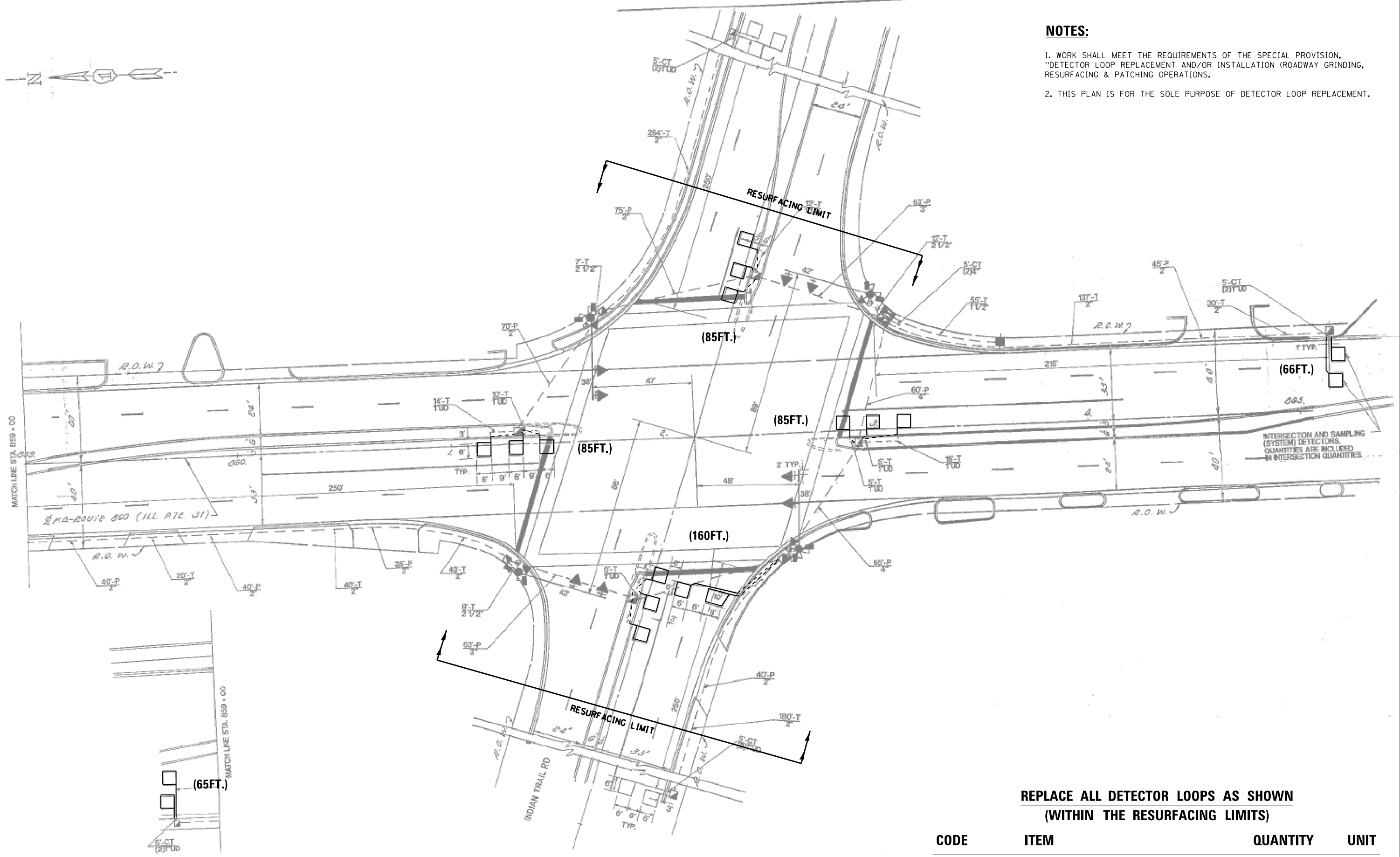
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	26
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



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.



INTERSECTION AND SAMPLING (SYSTEM) DETECTORS. QUANTITIES ARE INCLUDED IN INTERSECTION QUANTITIES.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	546	FOOT

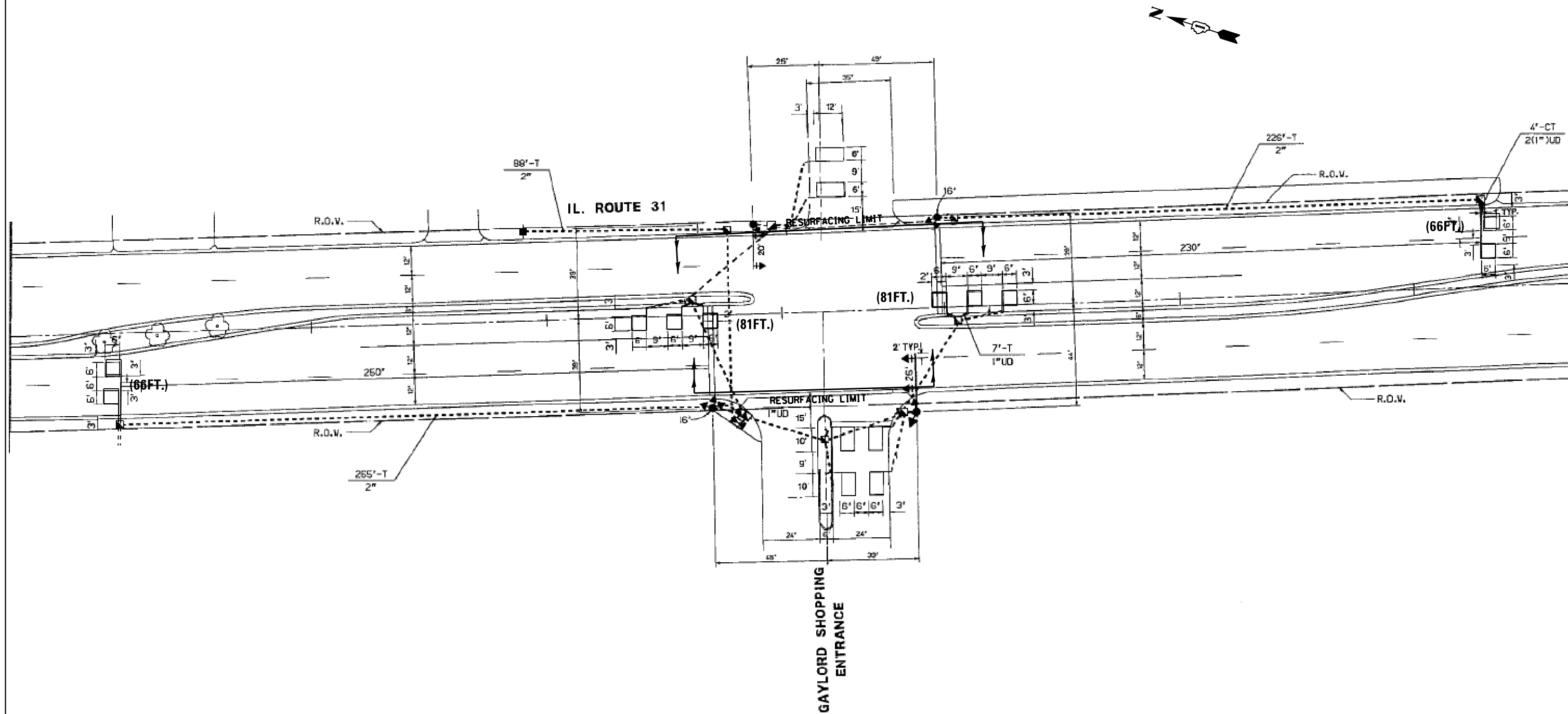
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - S.N.	REVISED -
	PLOT DATE = 7/28/2020	DATE - 04/16/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
ILL 31 AT INDIAN TRAIL RD.**

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	27
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



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.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	294	FOOT

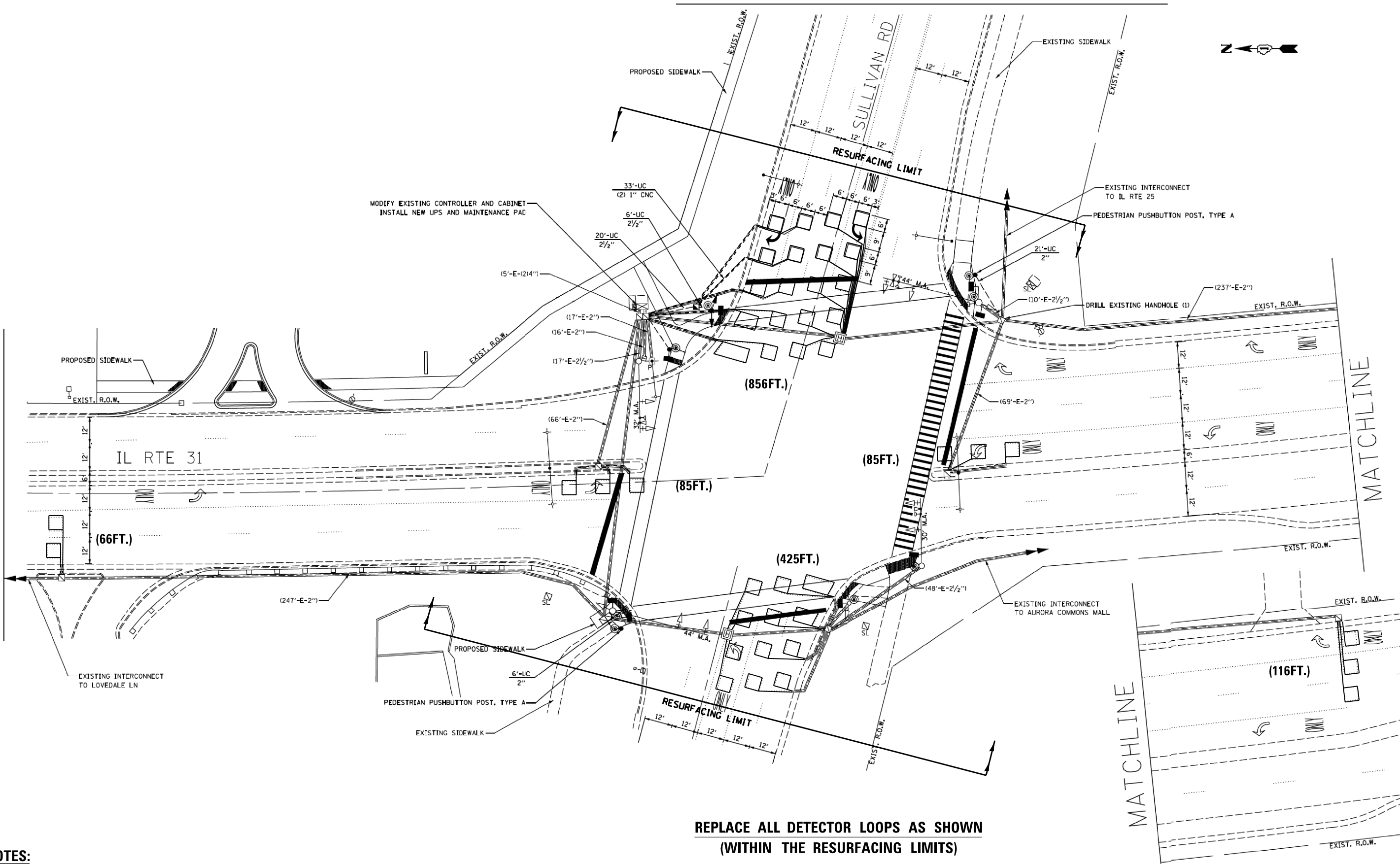
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - S.N.	REVISED -
	PLOT DATE = 7/31/2020	DATE - 04/16/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT GAYLORD SHOPPING ENTRANCE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	28
CONTRACT NO. 62L22				
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	1633	FOOT

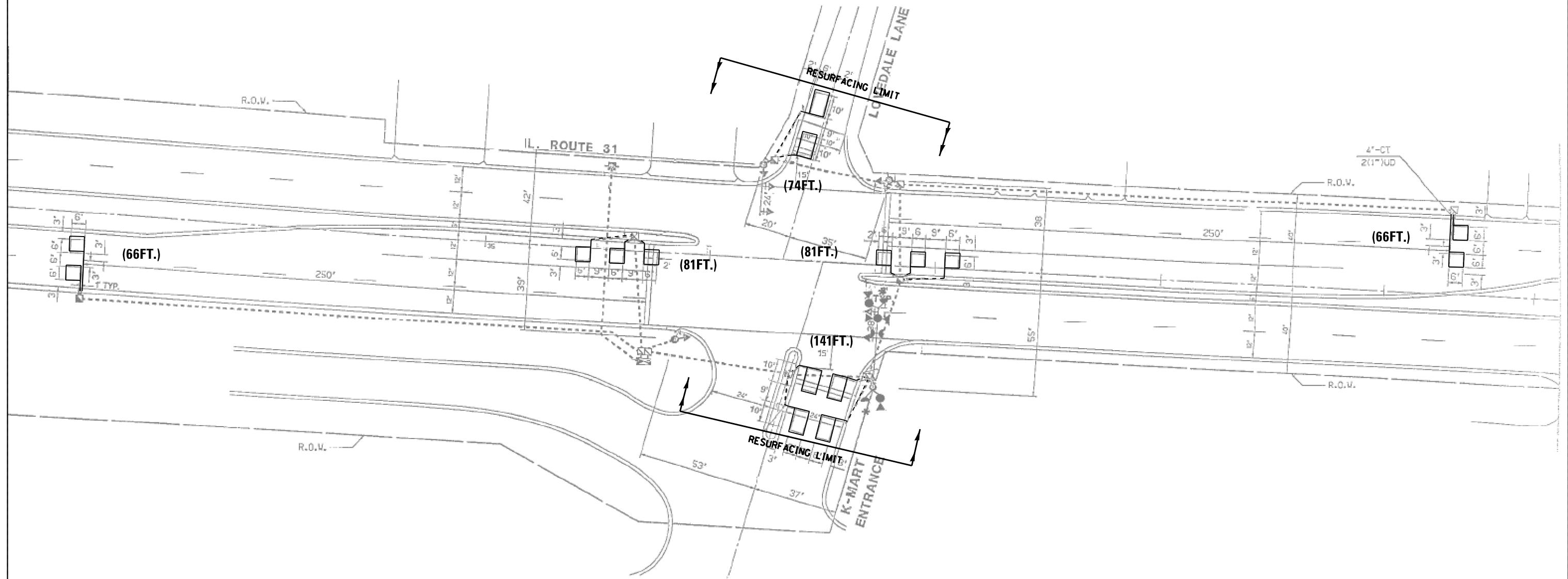
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - S.N.	REVISED -
	PLOT DATE = 7/31/2020	DATE - 04/16/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT SULLIVAN RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	29
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



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.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	509	FOOT

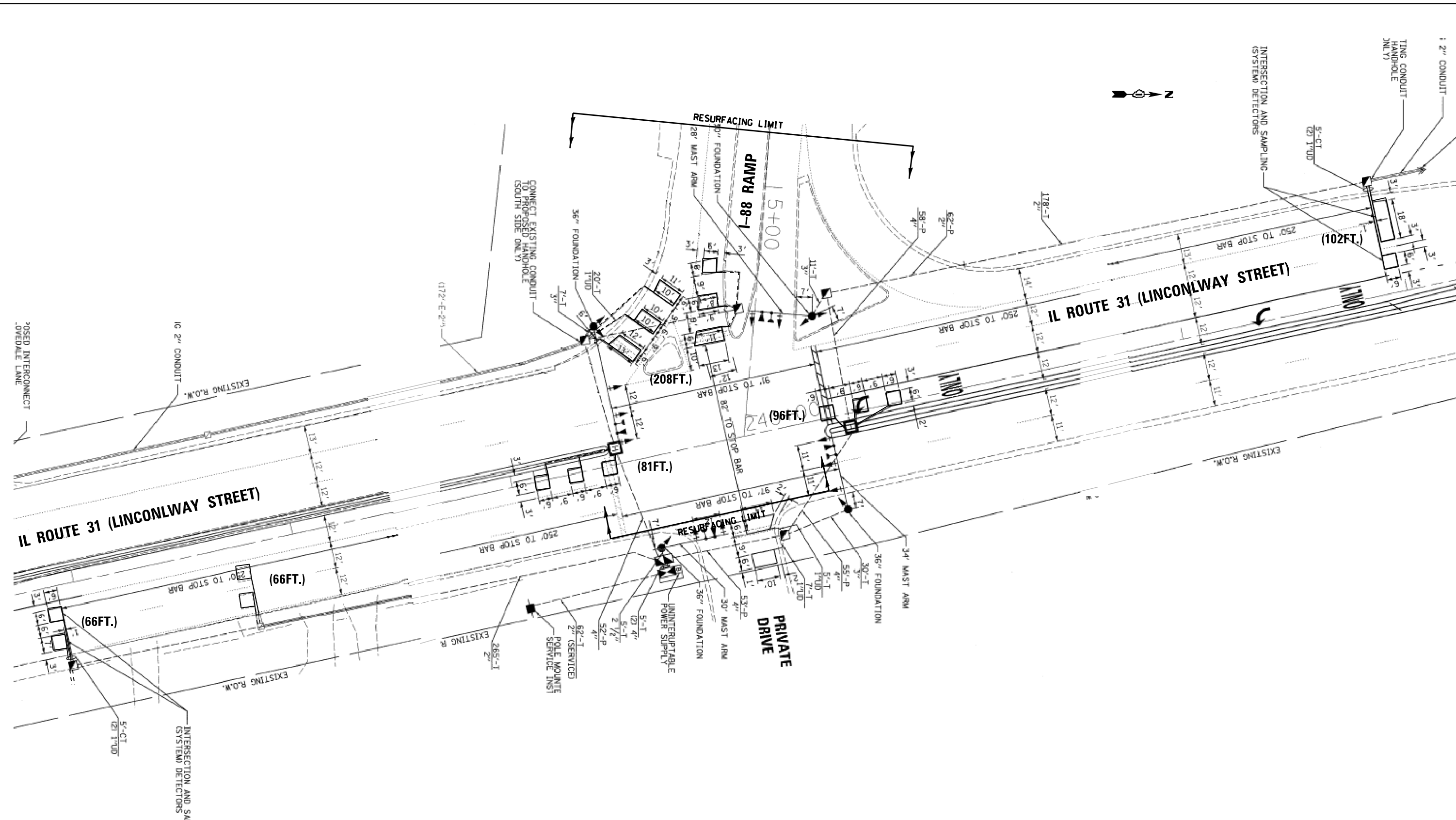
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Default	PLOT DATE = 7/23/2020	DATE - 04/16/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT LOVEDALE LANE**

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 3902	SECTION 2020-050-RS&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 30
CONTRACT NO. 62L22				ILLINOIS FED. AID PROJECT



- 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.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	619	FOOT

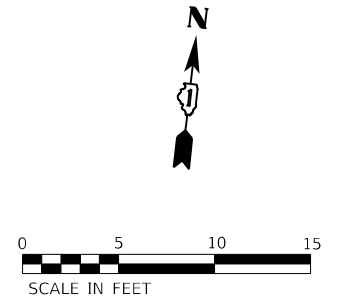
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C:\Users\mezag\Desktop\Detector Loops\2019-20\62L22 (IL31-Kane)\CADD\TS 735 - IL 31		DRAWN - G.M.	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - S.N.	REVISED -
	PLOT DATE = 7/31/2020	DATE - 04/16/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

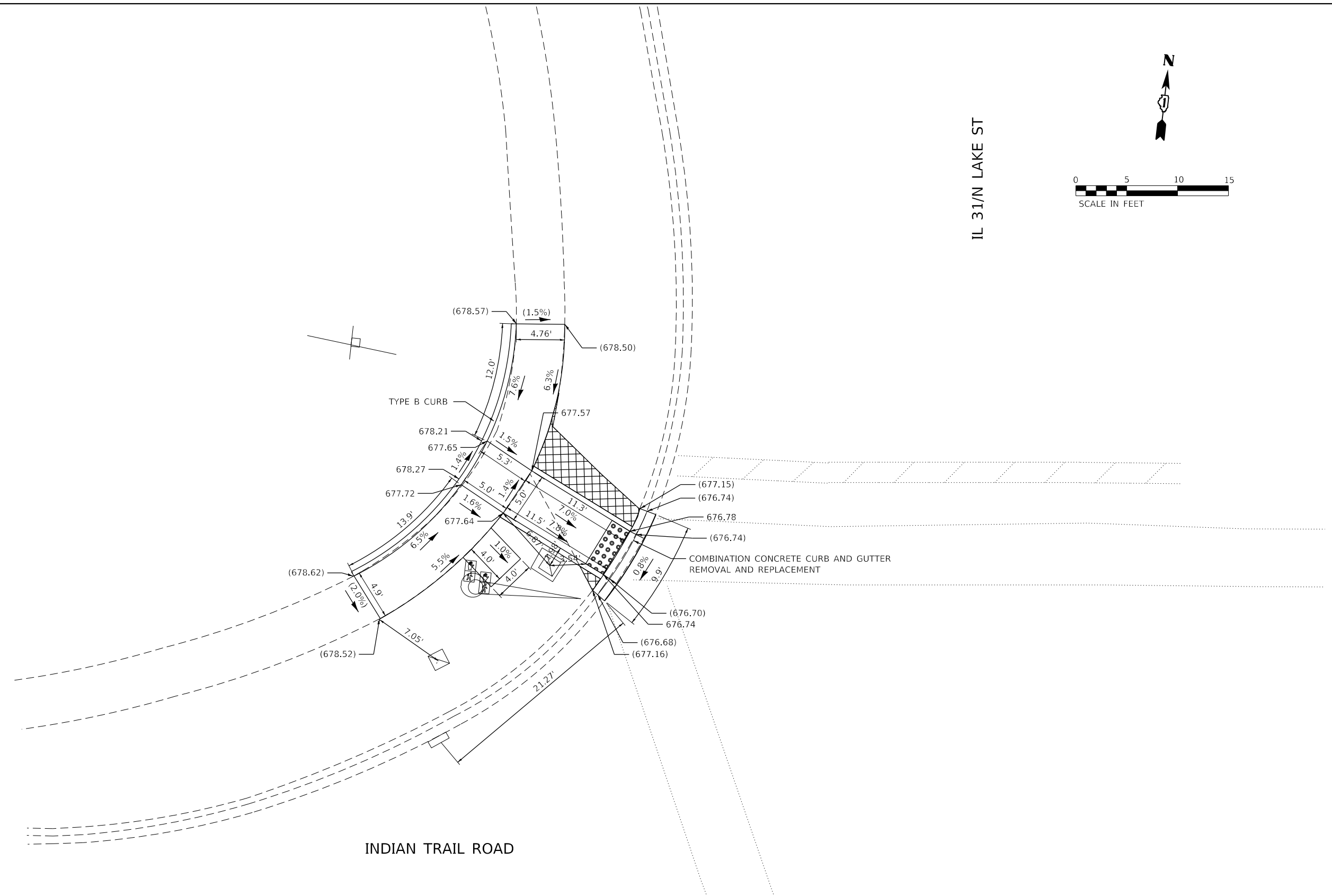
**DETECTOR LOOP REPLACEMENT PLAN
IL 31 AT I-88 ENTRANCE / EXIT RAMP**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RE. 3902	SECTION 2020-050-RS&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 31
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



IL 31/N LAKE ST



INDIAN TRAIL ROAD

TBM #1533
 BOX CUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE SOUTHEAST CORNER OF INDIAN TRAIL ROAD AND IL 31
 ELEV.: 677.041

 N: 1,863,078.340
 E: 988,653.772

LEGEND

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

FILE NAME = X:\OHA\2020\3902\0002-05 Design\00\DL2L22 IL 31 and Indian Trail NW.dgn

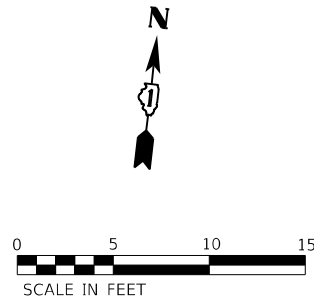


USER NAME = 1489	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 8/5/2020	DATE = 7/10/2020	REVISED -

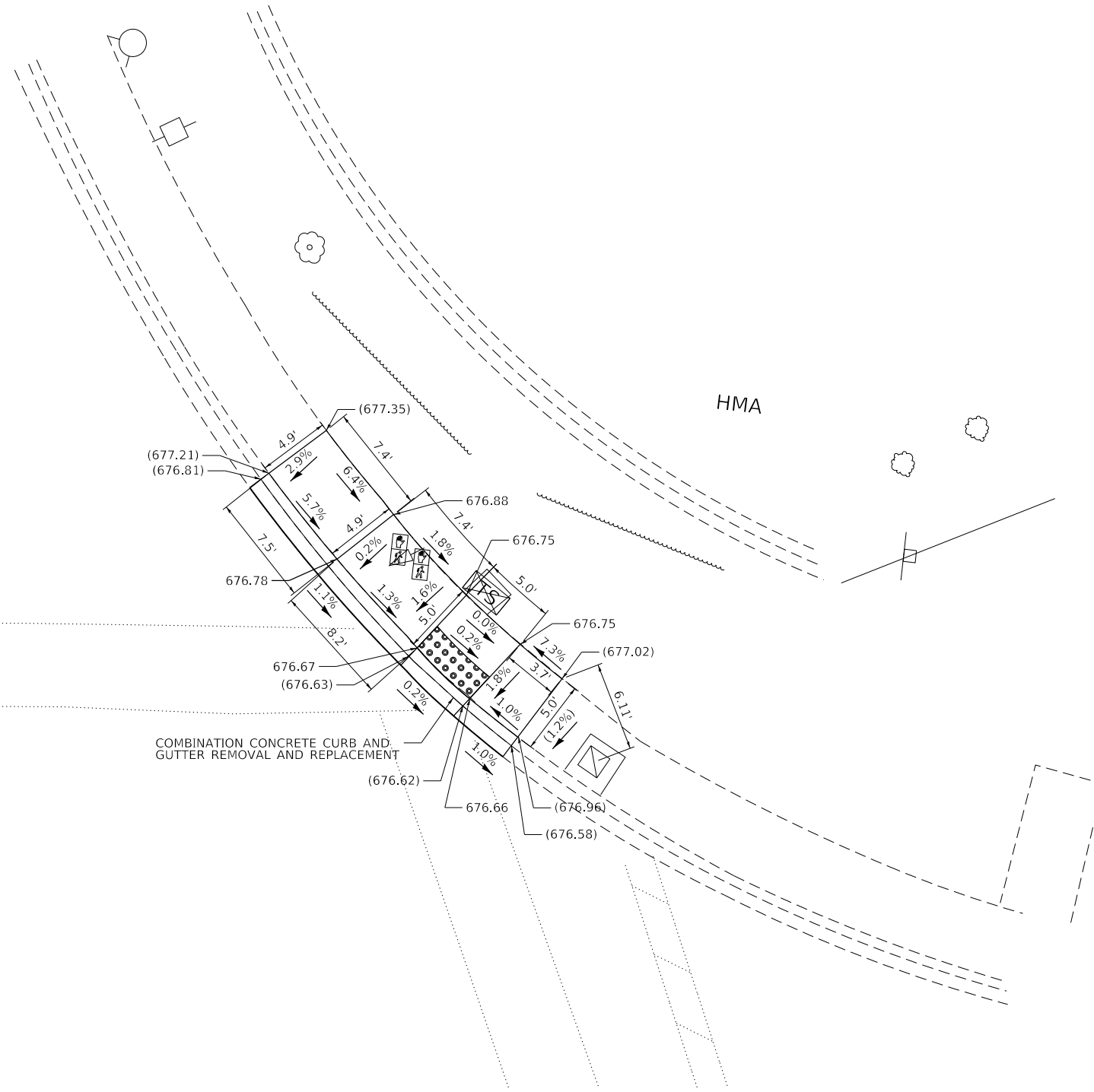
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - NW IL 31 AND INDIAN TRAIL RD
IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	32
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



IL 31/N LAKE ST



INDIAN TRAIL ROAD

TBM #1533
 BOX CUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE SOUTHEAST CORNER OF INDIAN TRAIL ROAD AND IL 31
 ELEV.: 677.041

N: 1,863,078.340
 E: 988,653.772

LEGEND

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - NE IL 31 AND INDIAN TRAIL RD
 IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	33
				CONTRACT NO. 62L22

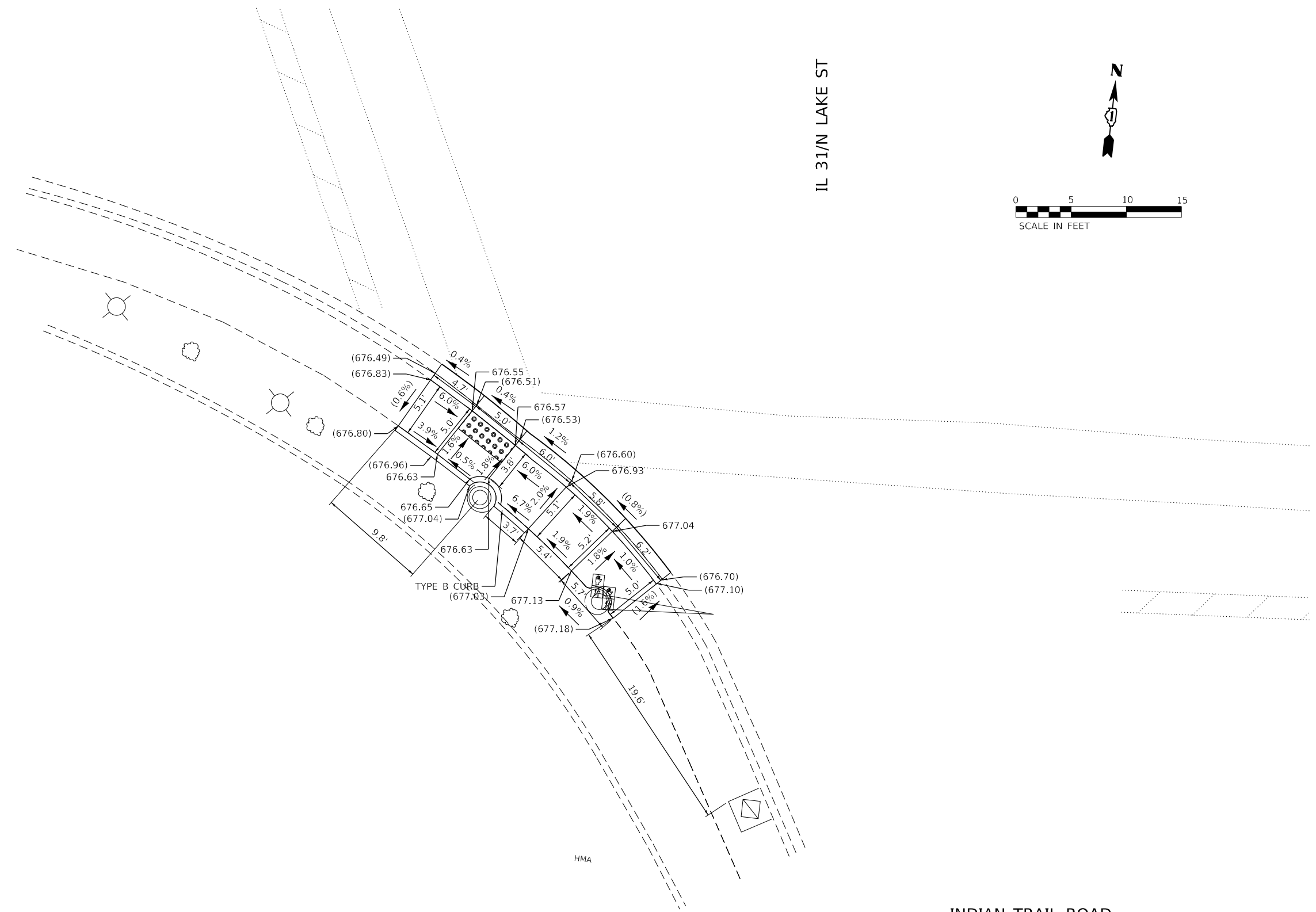
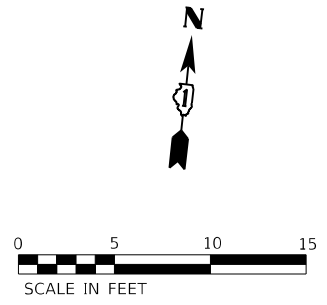
ILLINOIS FED. AID PROJECT

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USER NAME = 1489	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 8/5/2020	DATE = 7/10/2020	REVISED -

IL 31/N LAKE ST



INDIAN TRAIL ROAD

TBM #1533
 BOX CUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE SOUTHEAST CORNER OF INDIAN TRAIL ROAD AND IL 31
 ELEV.: 677.041

 N: 1,863,078.340
 E: 988,653.772

LEGEND

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - SW IL 31 AND INDIAN TRAIL RD
IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	34
CONTRACT NO. 62L22			ILLINOIS FED. AID PROJECT	

FILE NAME = X:\OHA\2020\3902\0002-05 Design\00\DL62L22 IL 31 and Indian Trail SW.dgn



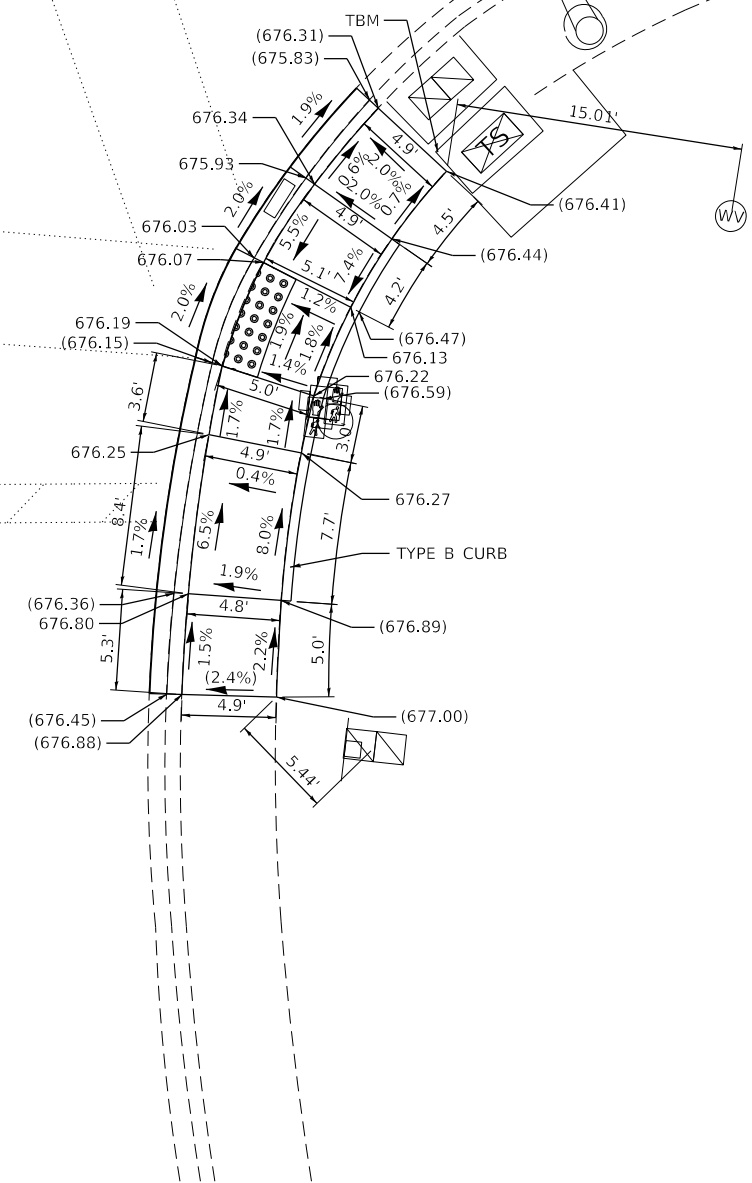
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	DRAWN -	REVISED -
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PLOT DATE = 8/5/2020	DATE = 7/10/2020	REVISED -



INDIAN TRAIL ROAD








IL 31/N LAKE ST



TBM #1533
BOX CUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER
FOUNDATION AT THE SOUTHEAST CORNER OF INDIAN TRAIL ROAD AND IL 31
ELEV.: 677.041

N: 1,863,078.340
E: 988,653.772

LEGEND

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



USER NAME = 1489	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/5/2020	DATE - 7/10/2020	REVISED -

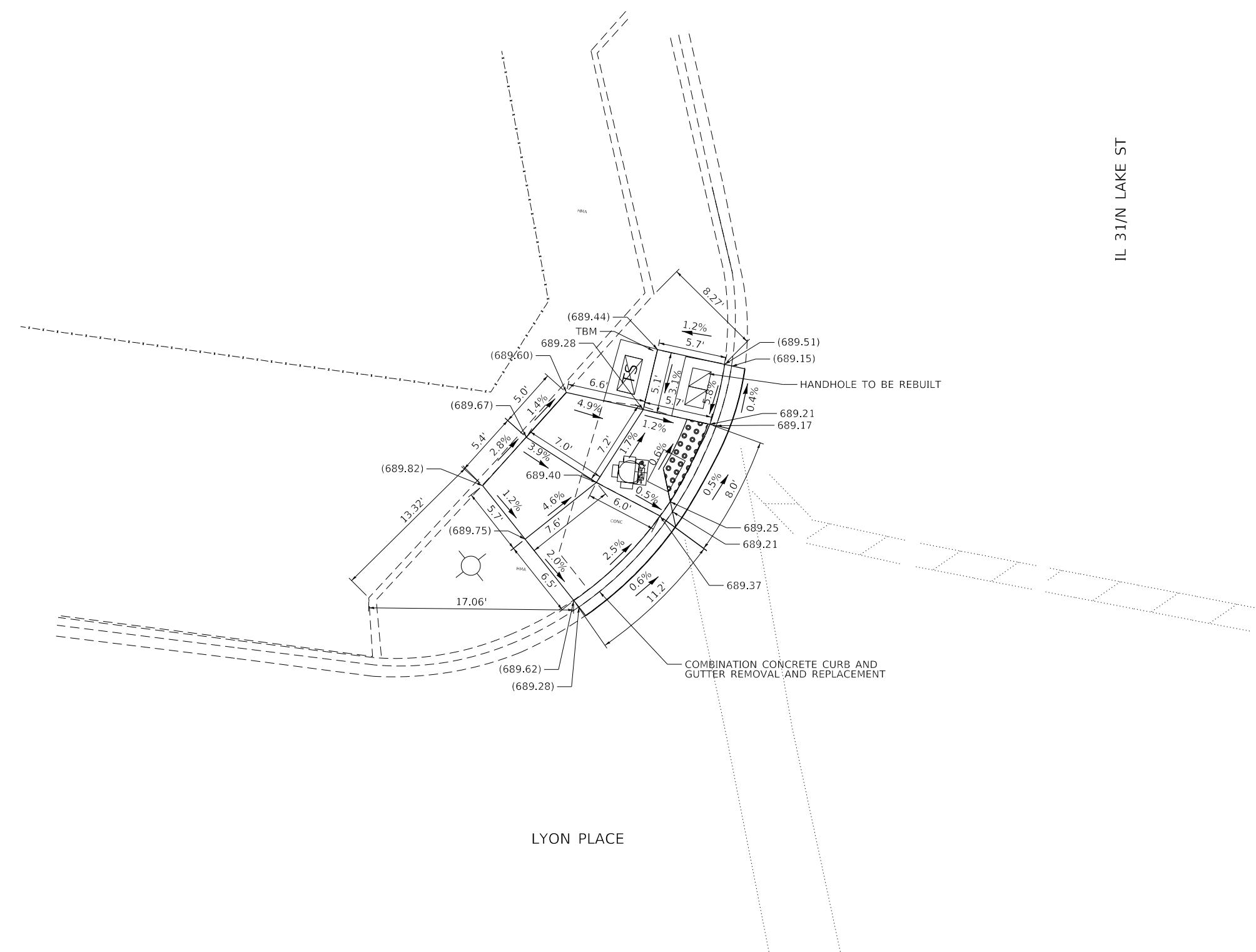
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - SE IL 31 AND INDIAN TRAIL RD
IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	35
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				

FILE NAME = X:\OHA\2020\3902\0002-05 Design\00\DL2L22 IL 31 and Indian Trail SE.dgn



IL 31/N LAKE ST

LYON PLACE

TBM #1834
 BOX CUT ON THE NORTHEAST CORNER OF THE TRAFFIC CONTROLLER FOUNDATION AT THE NORTHWEST CORNER OF LYON PLACE AND IL 31
 ELEV.: 689.819

 N: 1,861,820.849
 E: 989,051.907

LEGEND

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

FILE NAME = X:\OHA\2020\20200002-05 Design\00\DL2L22 IL 31 and Lyon Pl M.dgn

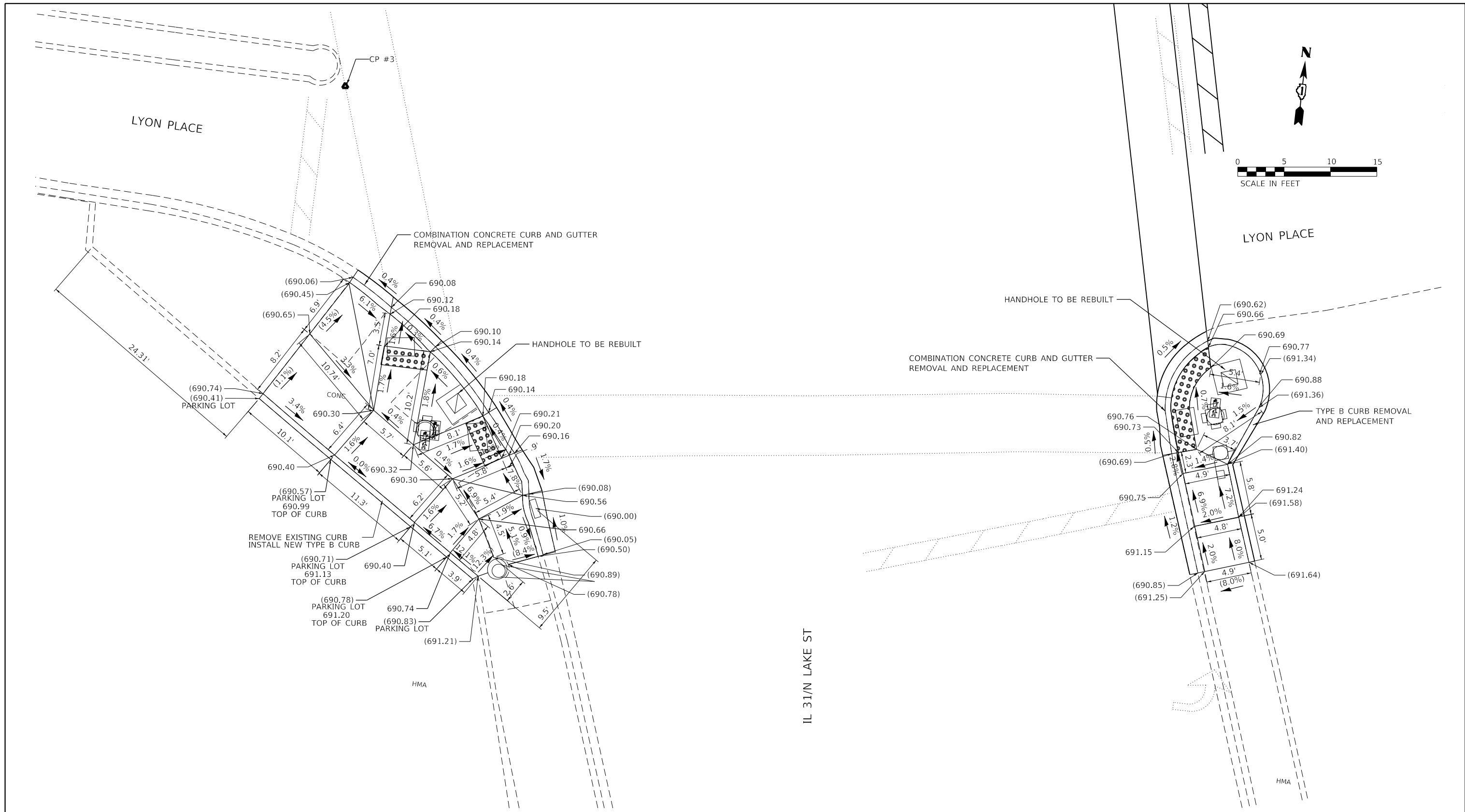


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DRAWN -	REVISOR -	
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISOR -
PLOT DATE = 8/5/2020	DATE = 7/10/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - NW & NE IL 31 AND LYON PL
 IL RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	36
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



TBM #1834
 BOX CUT ON THE NORTHEAST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE NORTHWEST CORNER OF LYON PLACE AND IL 31
 ELEV.: 689.819

N: 1,861,820.849
 E: 989,051.907

LEGEND

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – SW & SE IL 31 AND LYON PL
IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	37
CONTRACT NO. 62L22			ILLINOIS FED. AID PROJECT	

FILE NAME = \$FILEL\$







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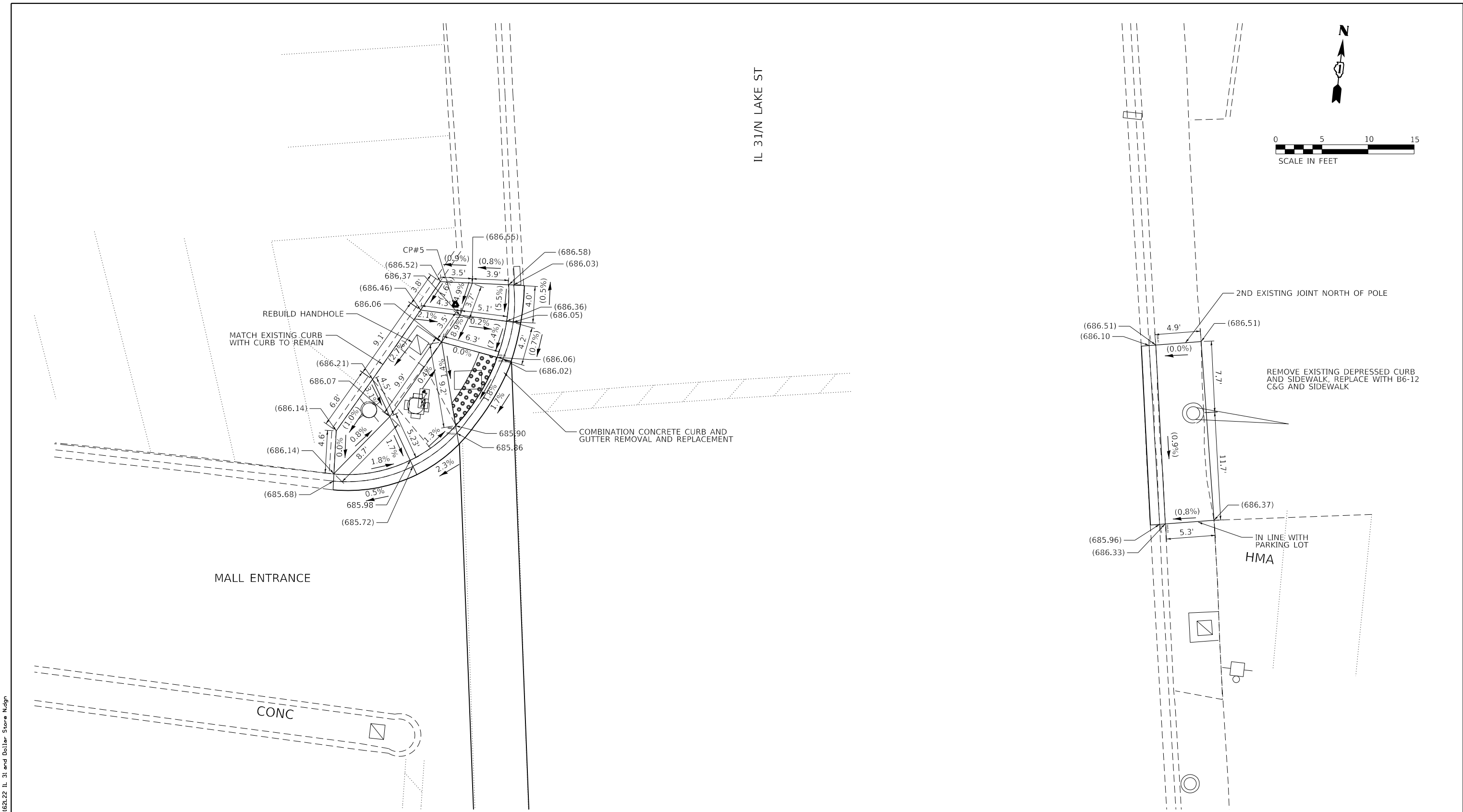
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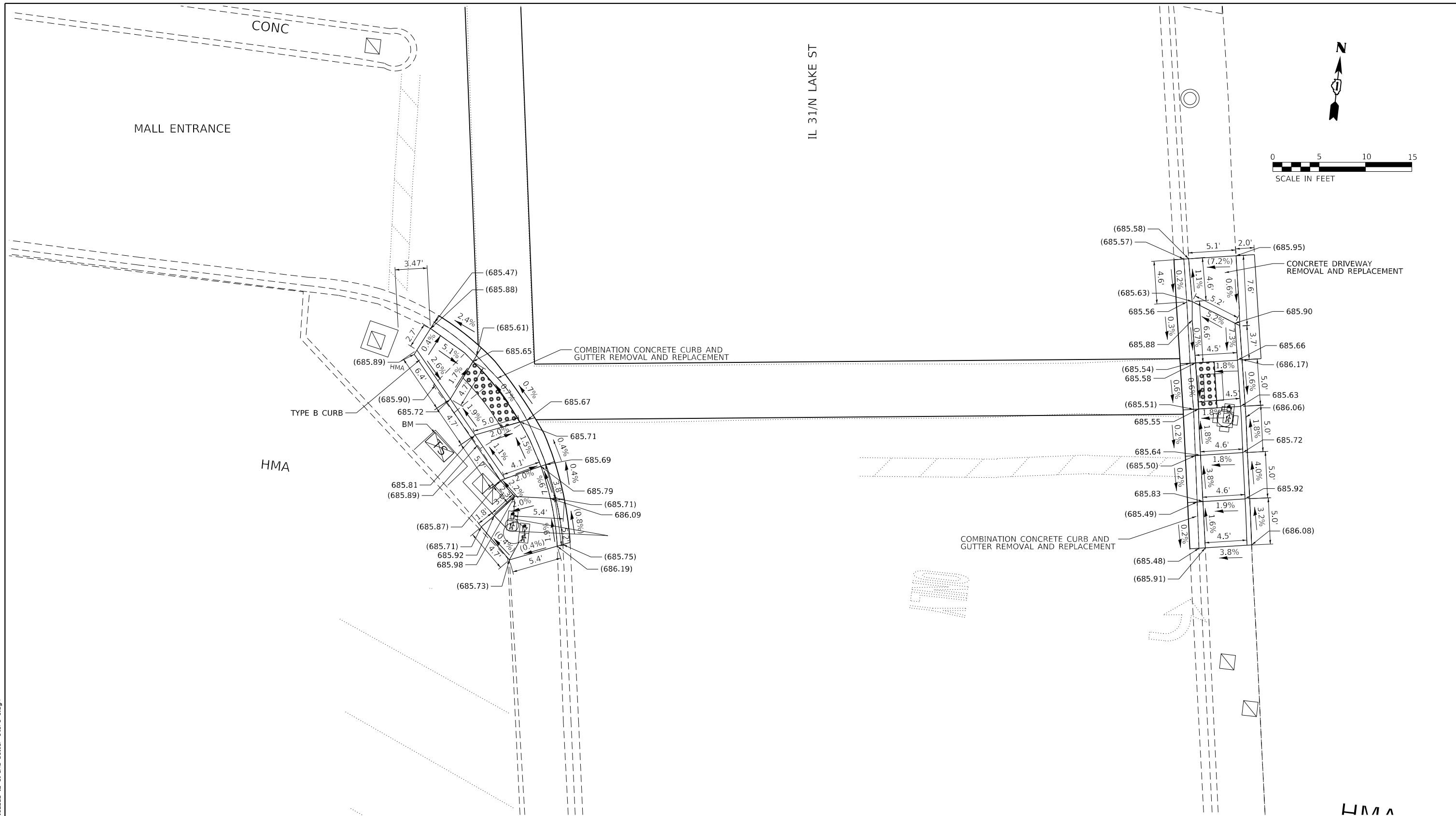
TBM #2661
 BOX CUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER FOUNDATION AT THE SOUTHWEST CORNER OF DOLLAR STORE MALL ENTRANCE AND IL 31
 ELEV.: 686.127
 N: 1,860,438.837
 E: 989,340.020

LEGEND

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SIDEWALK RAMP DETAILS - NW NE IL 31 AND DOLLAR STORE MALL ENTRANCE IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)		F.A.U. RTE. 3902	SECTION 2020-050-R5&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 38
SCALE: 1" = 5'		SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT								





TBM #2661
 BOX CUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER FOUNDATION AT THE SOUTHWEST CORNER OF DOLLAR STORE MALL ENTRANCE AND IL 31
 ELEV.: 686.127

N: 1,860,438.837
 E: 989,340.020

LEGEND

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

FILE NAME = X:\OHA\2020\20200002-05 Design\00\DL2L22 IL 31 and Dollar Store S.dgn



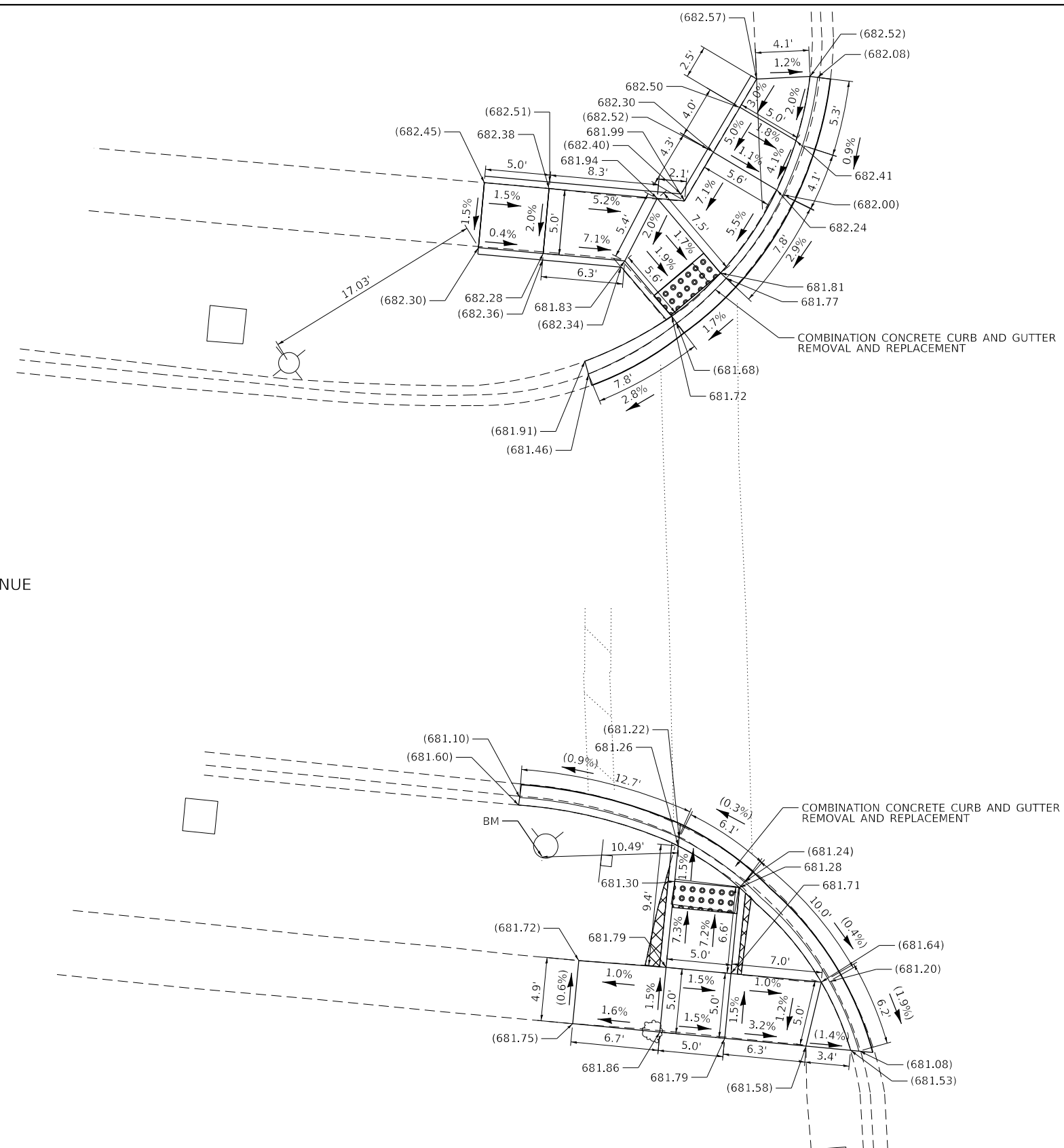
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 8/5/2020	DATE = 7/10/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - SW SE IL 31 AND DOLLAR STORE MALL ENTRANCE
 IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)**

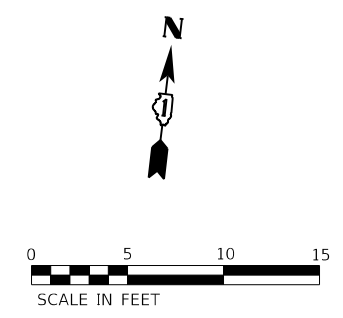
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 3902	SECTION 2020-050-R5&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 39
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



LAWNDALE AVENUE

IL 31/N LAKE ST



TBM #2826
 SOUTHEAST BOLT ON FIRE HYDRANT AT SOUTHWEST CORNER OF
 LAWNDALE AVENUE AND IL 31
 ELEV.: 683.183

 N: 1,859763.307
 E: 989438.323

LEGEND

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

FILE NAME = X:\OHA\2020\20200002-05\Design\00\For Milwaukee\062L22 IL 31 and Lawndale M.dgn



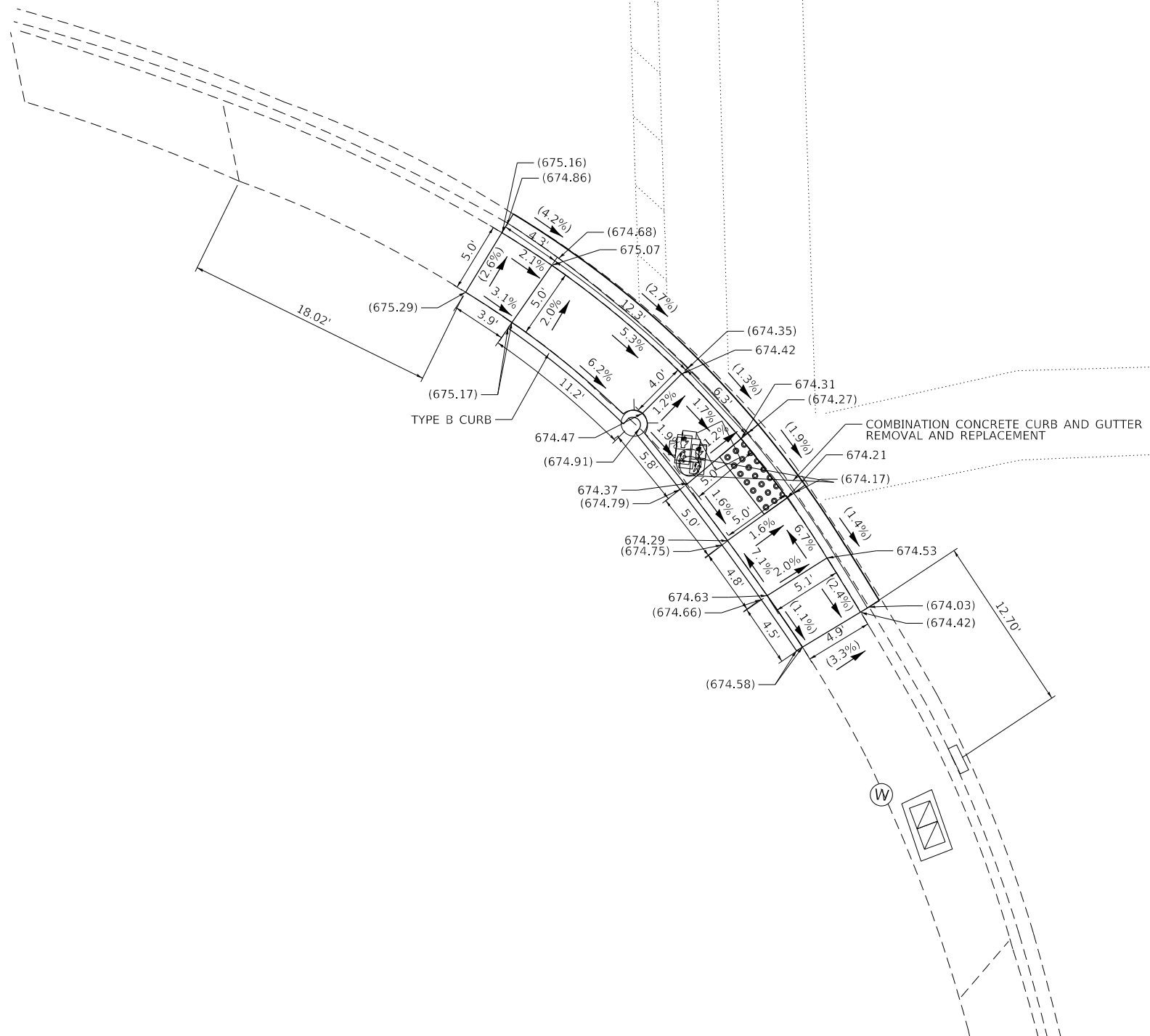
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PLOT DATE = 8/5/2020	CHECKED -	REVISED -
	DATE = 7/10/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS - NW AND SW IL 31 AND LAWNDALE AVE.
 IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	40
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



TBM #3651
 BOXCUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER FOUNDATION AT
 THE SOUTHEAST CORNER OF ILLINOIS AVENUE AND IL 31
 ELEV.: 673.242

N: 1,858960.422
 E: 989690.287

LEGEND	
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
()	EXISTING ELEVATION/SLOPE
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD



USER NAME = 1489	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 8/5/2020	CHECKED -	REVISED -
	DATE = 7/10/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

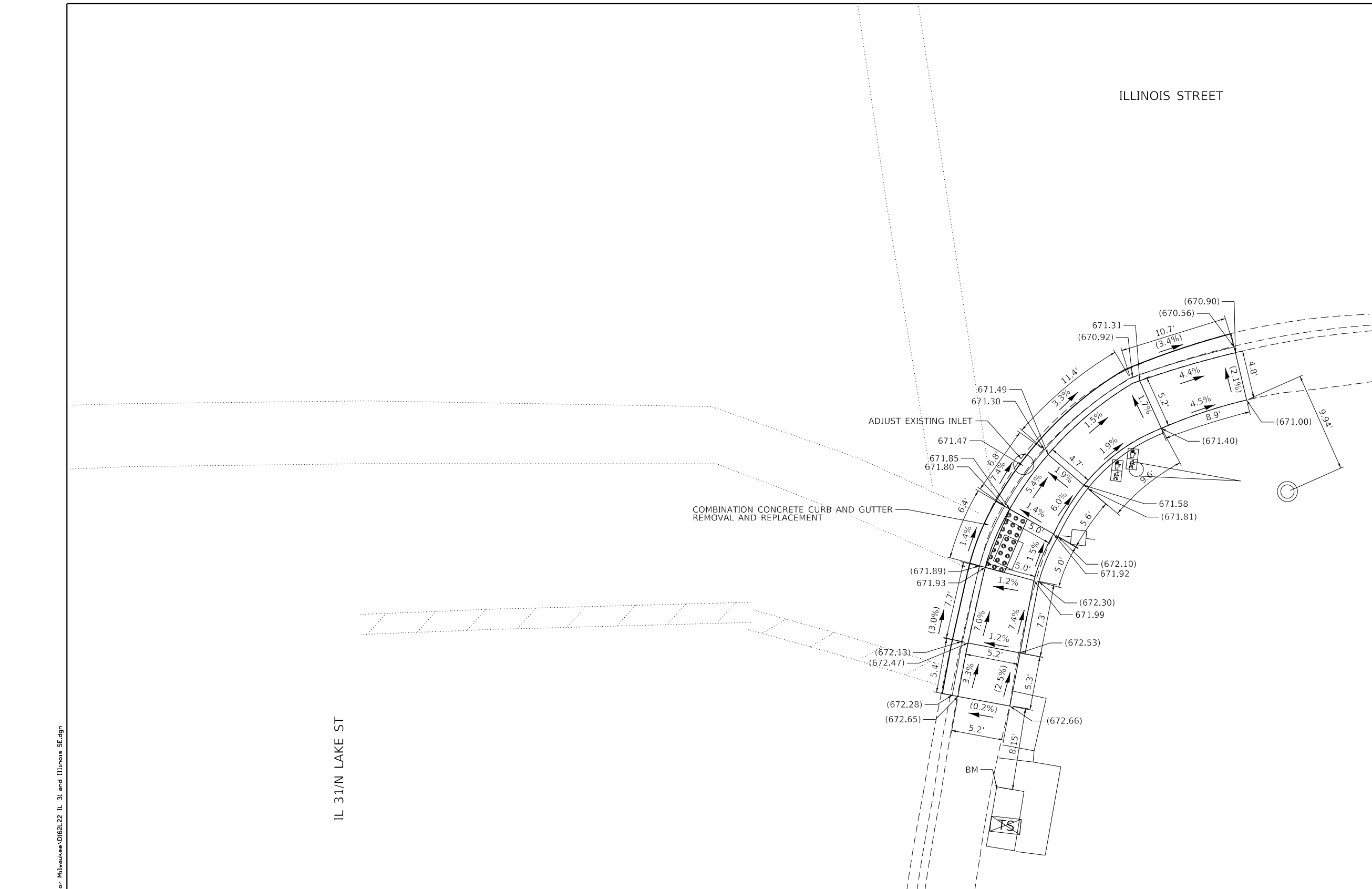
SIDEWALK RAMP DETAILS - SW IL 31 AND ILLINOIS ST.
 IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

SCALE: 1" = 5'

SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	42
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				

FILE NAME = X:\OHA\2020\20200002-05 Design\001 For Milwaukee\0162L22 IL 31 and Illinois SW.dgn



TBM #3651
 BOXCUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER FOUNDATION AT
 THE SOUTHEAST CORNER OF ILLINOIS AVENUE AND IL 31
 ELEV.: 673.242

N: 1,858960.422
 E: 989690.287

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



USER NAME = 1489	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 8/5/2020	DATE = 7/10/2020	REVISED -

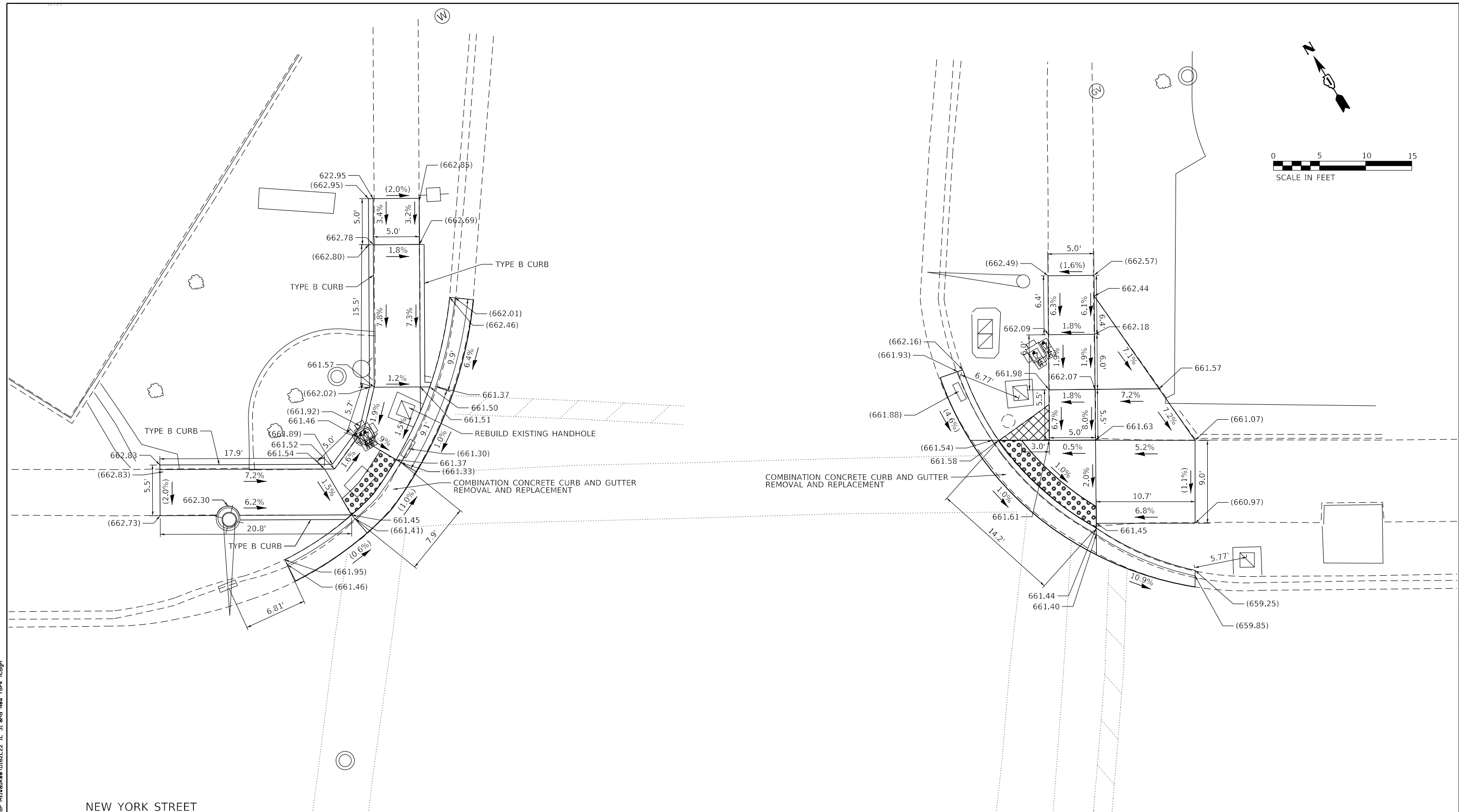
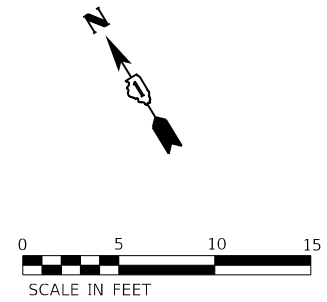
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - SE IL 31 AND ILLINOIS ST.
 IL RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	43
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				

FILE NAME = X:\OHA\2020\3902\0002-05_Design\001\For Milwaukee\0162L22 IL 31 end Illinois SE.dgn



NEW YORK STREET

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

FILE NAME = X:\OHA\2020\30200002-05 Design\001 For Milwaukee\0162L22 IL 31 and New York N.dgn



USER NAME = 1489	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/5/2020	DATE = 7/10/2020	REVISED -

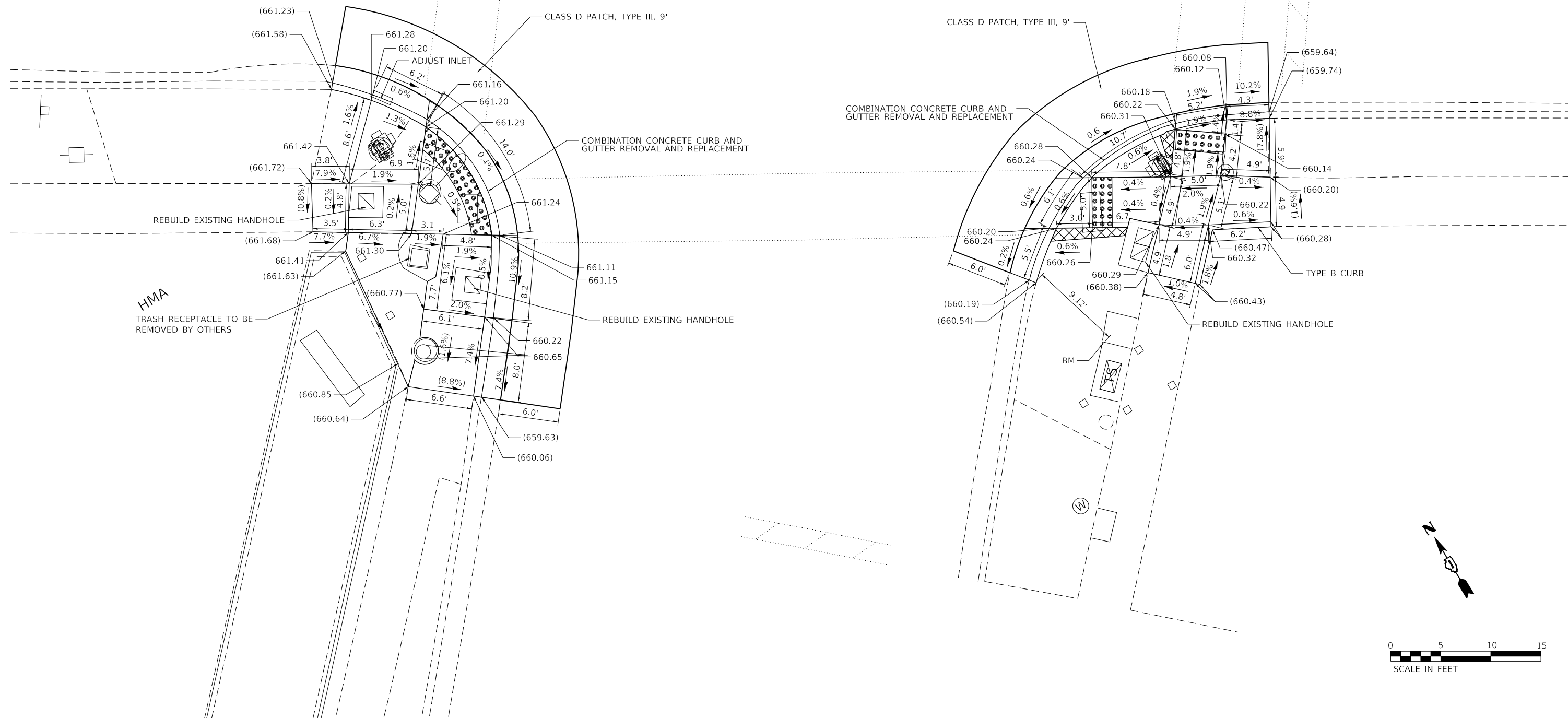
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - NW AND NE IL 31 AND NEW YORK ST
IL RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

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

F.A.U. RTE. 3902	SECTION 2020-050-R5&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 44
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				

NEW YORK STREET



TBM #4080
BOX CUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER FOUNDATION AT THE SOUTHEAST CORNER OF NEW YORK ST AND IL 31
ELEV.: 660.705

N: 1,855,280.1600
E: 988,632.3486

LEGEND

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - S IL 31 AND NEW YORK ST
IL RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

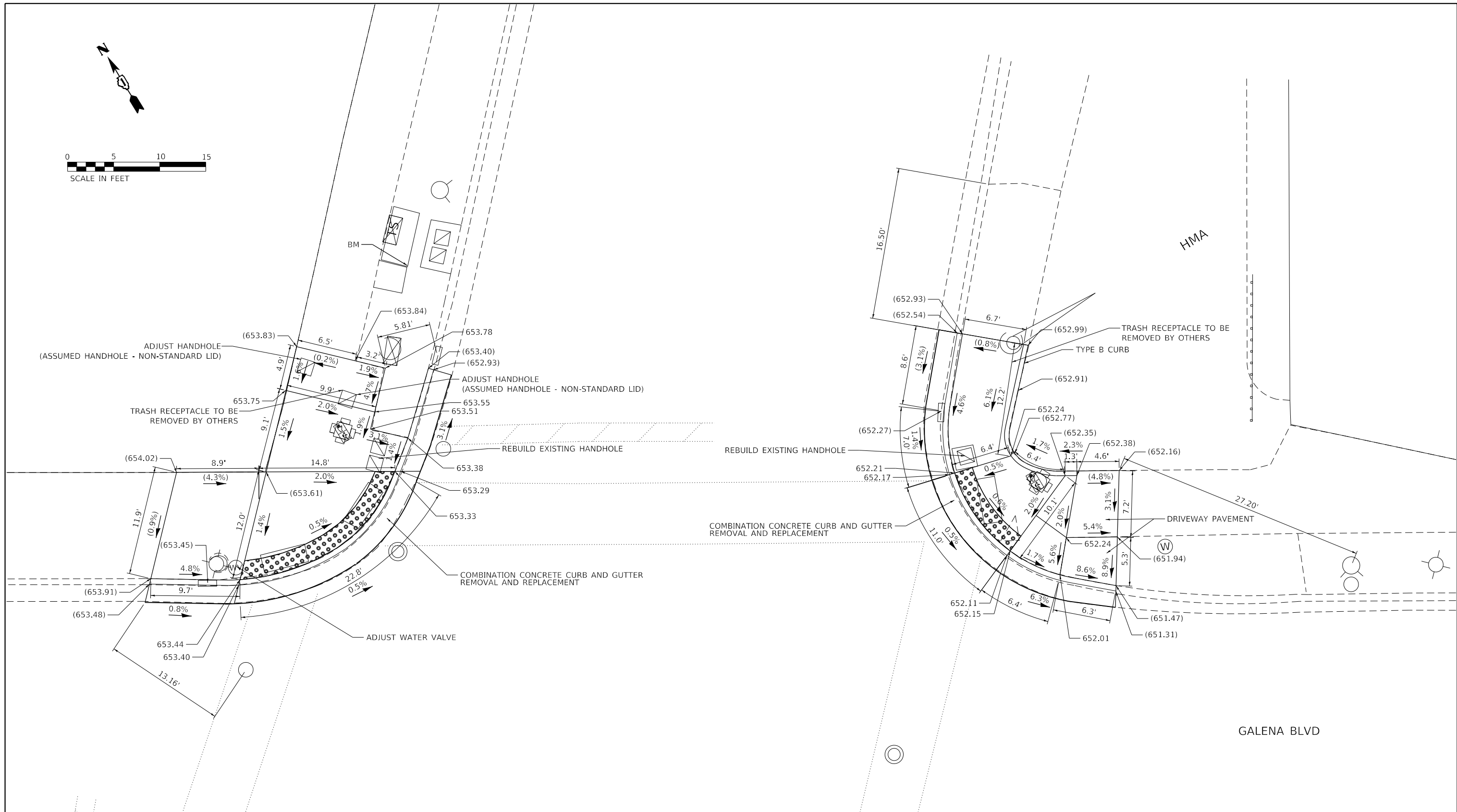
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	45
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				

FILE NAME = \$FILEL\$



USER NAME = \$USER\$	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATE\$	CHECKED -	REVISED -
	DATE - 7/10/2020	REVISED -



TBM #7395
 BOXCUT ON THE SOUTHEAST CORNER OF THE TRAFFIC CONTROLLER FOUNDATION AT
 THE NORTHWEST CORNER OF W GALENA BOULEVARD AND IL 31
 ELEV.: 654.428

N: 1,855088.844
 E: 988365.247

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

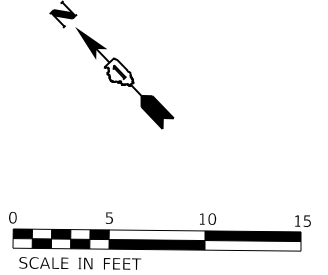
SIDEWALK RAMP DETAILS - NW AND NE IL 31 AND GALENA BLVD
 IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	46
CONTRACT NO. 62L22				

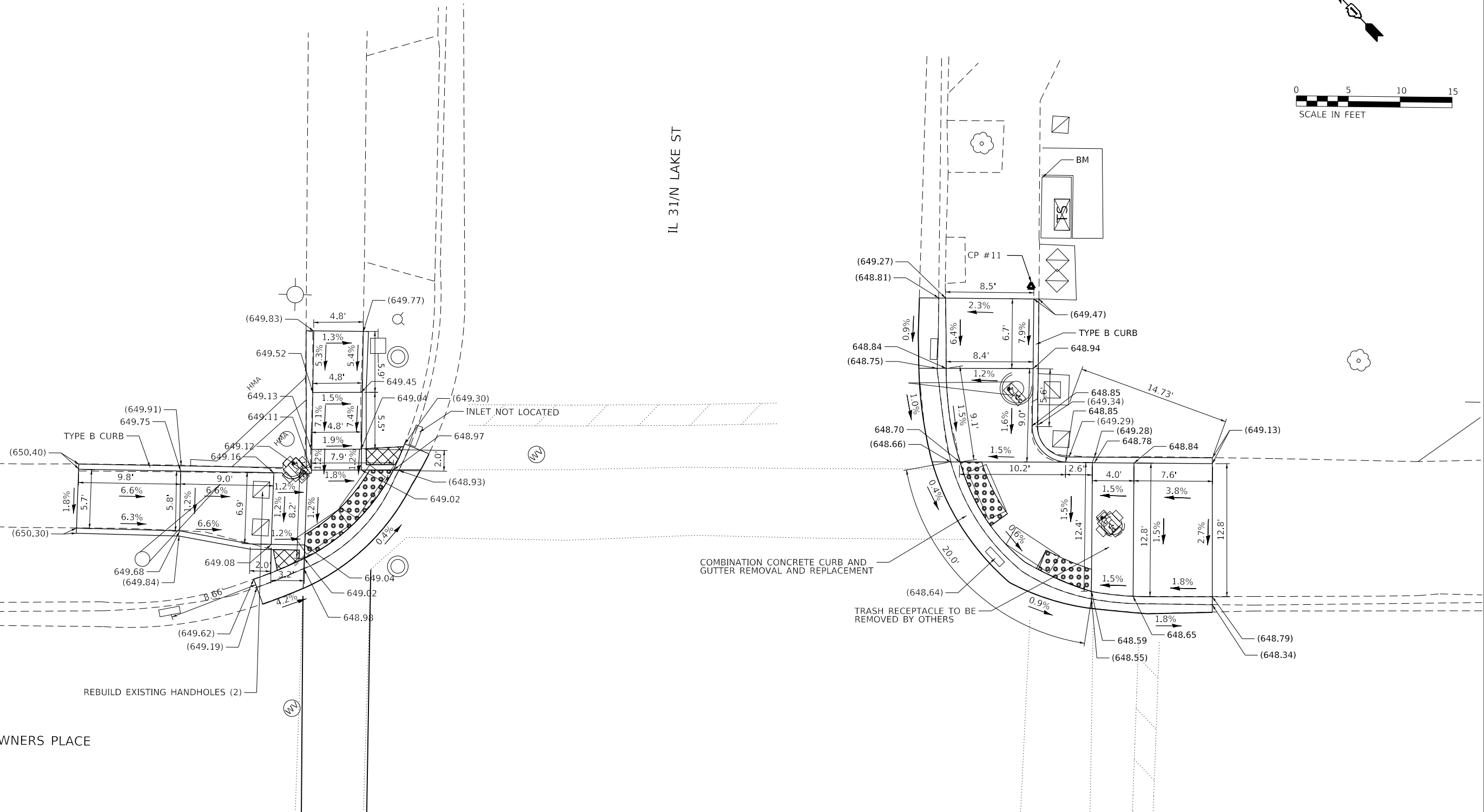


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PLOT DATE = *DATE*	CHECKED -	REVISED -
	DATE - 7/10/2020	REVISED -








IL 31/N LAKE ST

DOWNERS PLACE



LEGEND

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

TBM #7054
 BOX CUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER FOUNDATION AT THE NORTHEAST CORNER OF DOWNER PL AND IL 31
 ELEV.: 650.052
 N: 1,854,791.931
 E: 988,161.468

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS – NE AND NW IL 31 AND DOWNERS PL
 IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	48
CONTRACT NO. 62L22				

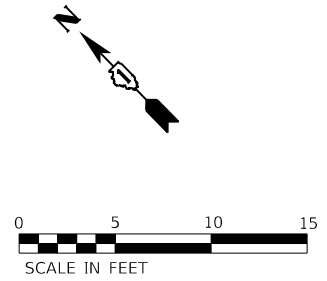


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PLOT DATE = \$DATE*	CHECKED -	REVISED -
	DATE - 7/10/2020	REVISED -

FILE NAME = \$FILEL\$

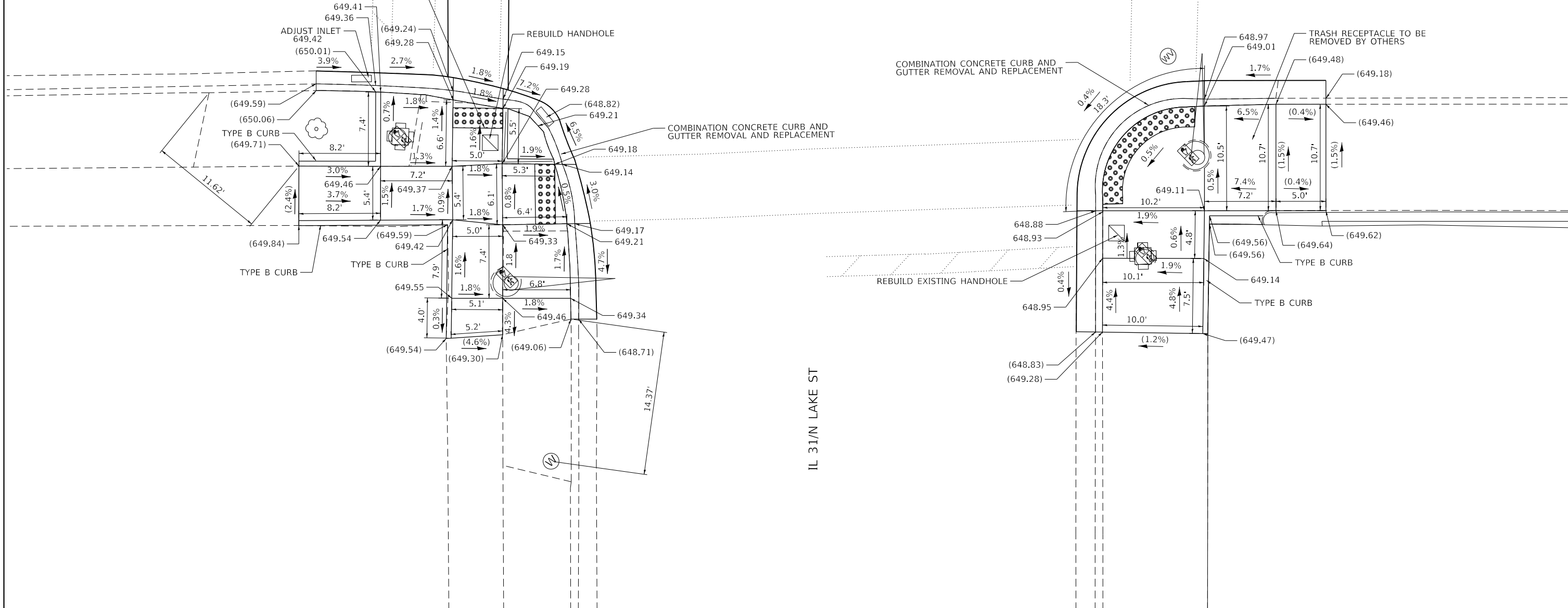
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



DOWNERS PLACE

ENSURE THE GAP BETWEEN THE NEW CURB AND GUTTER AND THE REBUILT HANDHOLE PROVIDES 2' WIDTH FOR THE DETECTABLE WARNING TILES



TBM #7054
 BOX CUT ON THE NORTHWEST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE NORTHEAST CORNER OF DOWNER PL AND IL 31
 ELEV.: 650.052
 N: 1,854,791.931
 E: 988,161.468

LEGEND

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

FILE NAME = \$FILEL\$



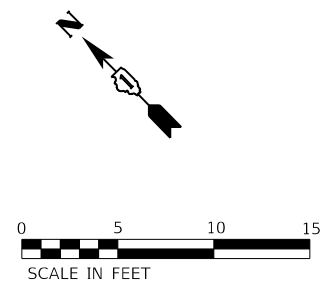
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE - 7/10/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - S IL 31 AND DOWNERS PL
 IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)**

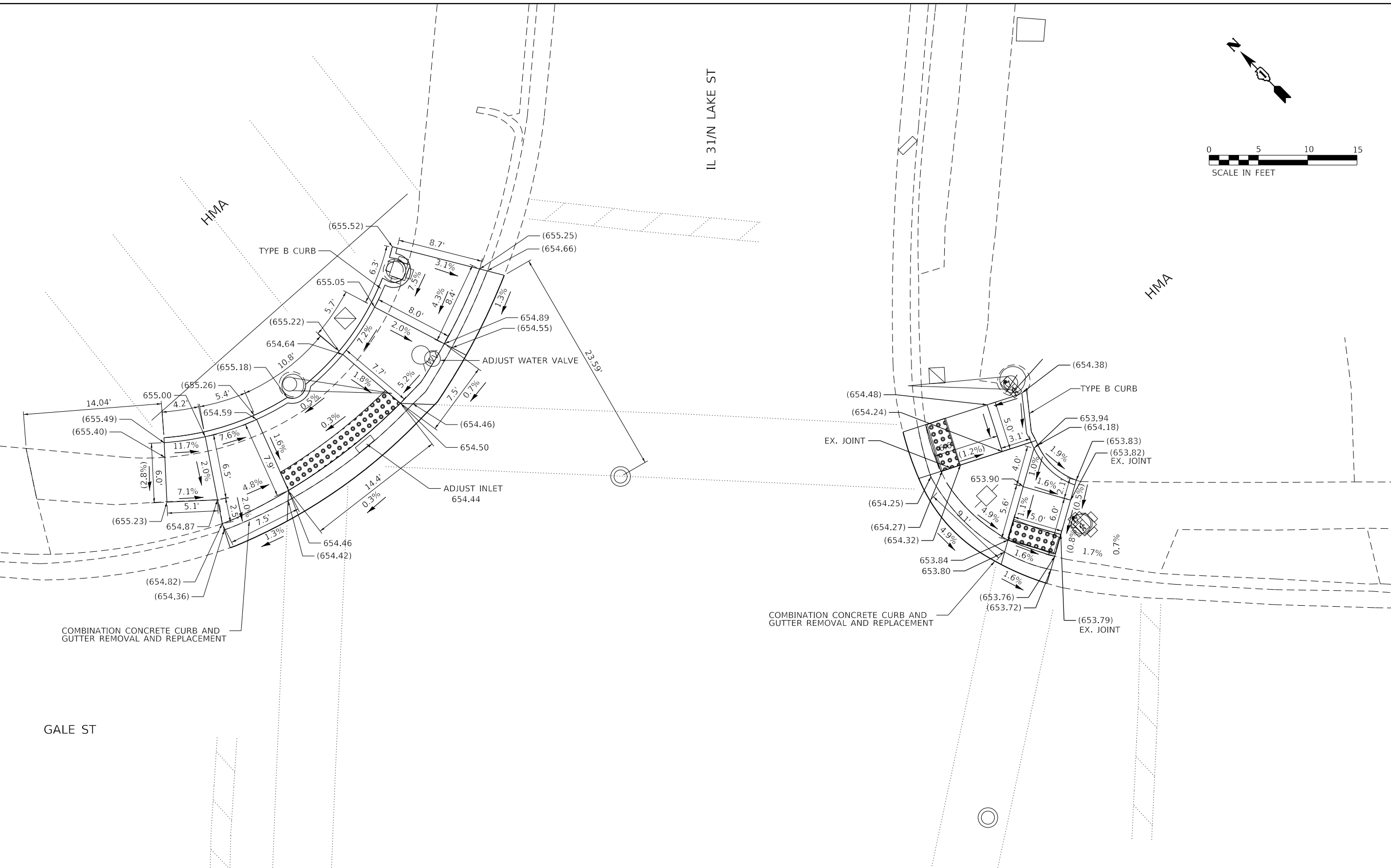
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	49
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				







IL 31/N LAKE ST

GALE ST



TBM #7054
 BOX CUT ON THE SOUTHEAST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE SOUTHWEST CORNER OF GALE ST AND IL 31
 ELEV.: 655.887
 N: 1,853,412.240
 E: 986,485.785

LEGEND

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

FILE NAME = X:\OHA\2020\3902\00002-05\Design\00\DL2L22 IL 31 and Gale Rd.dgn

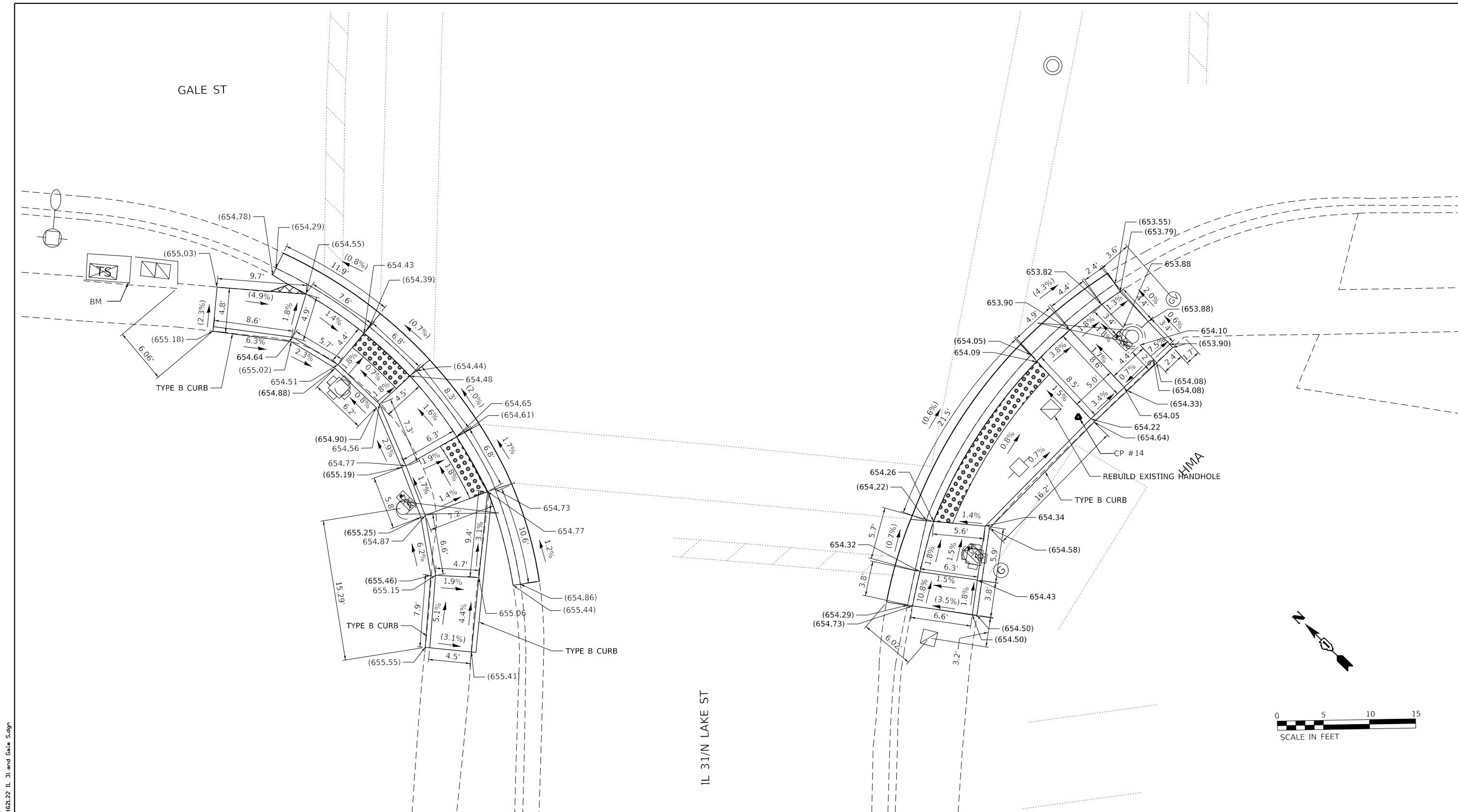


USER NAME = 1489	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/5/2020	DATE = 7/10/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - N IL 31 AND GALE ST
IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 3902	SECTION 2020-050-R5&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 50
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



FILE NAME = X:\OHA\2020\20200002-05\Design\00\DL2L22 IL 31 and Gale S.dgn

TBM #7054
 BOX CUT ON THE SOUTHEAST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE SOUTHWEST CORNER OF GALE ST AND IL 31
 ELEV.: 655.887
 N: 1,853,412.240
 E: 986,485.785

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



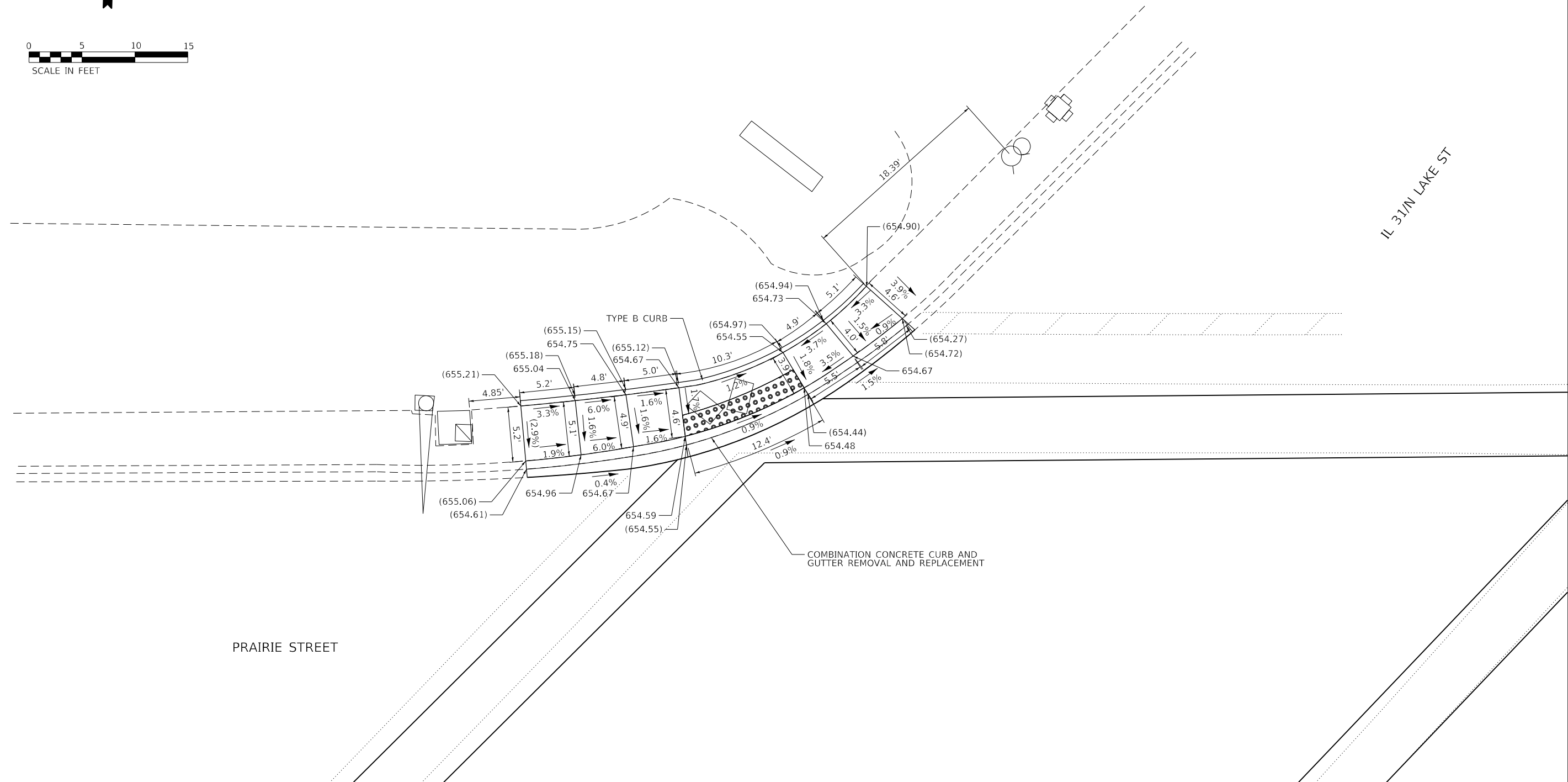
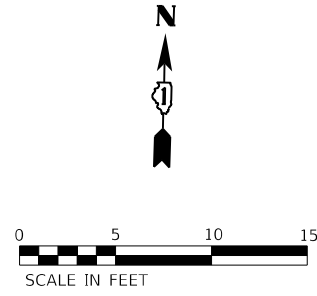
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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/5/2020	CHECKED -	REVISED -
	DATE = 7/10/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - SE AND SW IL 31 AND GALE ST
 IL RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	51
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



TBM #5899
 BOX CUT ON THE SOUTHEAST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE SOUTHEAST CORNER OF PRAIRIE ST AND IL 31
 ELEV.: 656.178
 N: 1,852,329.517
 E: 985,598.488

LEGEND	
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
()	EXISTING ELEVATION/SLOPE
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

FILE NAME = X:\OHA\2020\3902\0002-05_Design\00_DIEZL22_IL_31_and_Prairie_NW.dgn

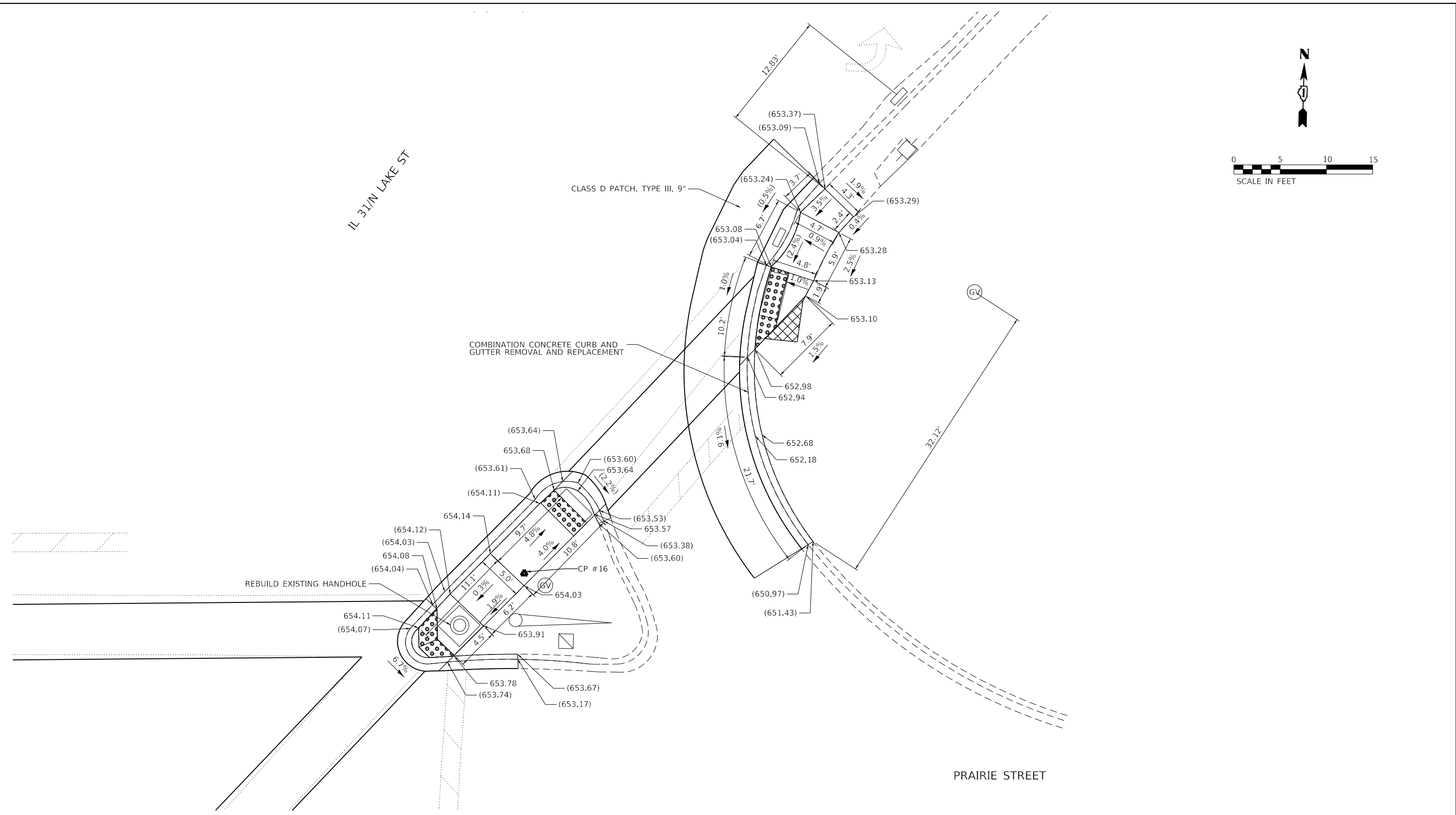
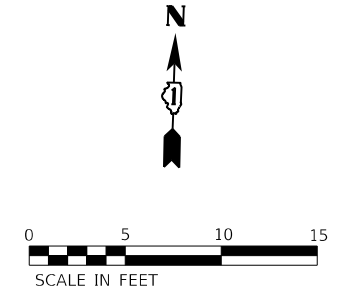


USER NAME = 1489	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 8/5/2020	CHECKED -	REVISED -
	DATE = 7/10/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS - NW IL 31 AND PRAIRIE ST IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)			
SCALE: 1" = 5'	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	52
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



TBM #1834
 BOX CUT ON THE NORTHEAST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE NORTHWEST CORNER OF LYON PLACE AND IL 31
 ELEV.: 689.819

N: 1,861,820.849
 E: 989,051.907

LEGEND

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

FILE NAME = X:\OHA\2020\3902\0002-05_Design\00_DIEZL22_IL_31_and_Prairie_NE.dgn



USER NAME = 1489	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/5/2020	DATE = 7/10/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

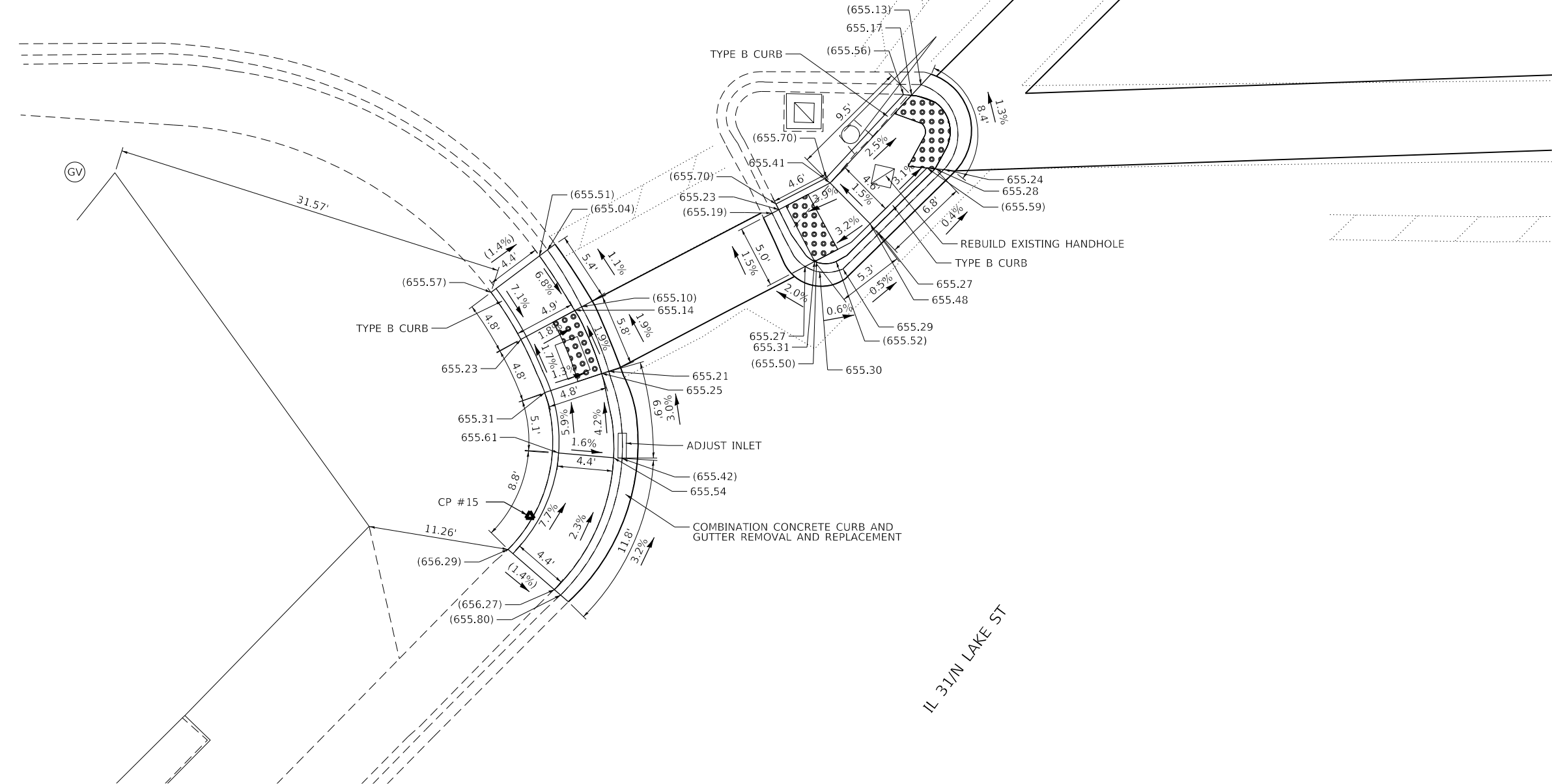
SIDEWALK RAMP DETAILS - NE IL 31 AND PRAIRIE ST
IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	53
				CONTRACT NO. 62L22
ILLINOIS FED. AID PROJECT				



PRAIRIE STREET



IL 31/W LAKE ST

TBM #5899
 BOX CUT ON THE SOUTHEAST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE SOUTHEAST CORNER OF PRAIRIE ST AND IL 31
 ELEV.: 656.178
 N: 1,852,329.517
 E: 985,598.488

LEGEND

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – SW IL 31 AND PRAIRIE ST
IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

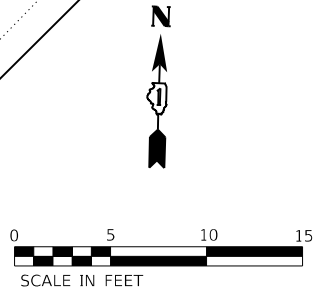
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	54
CONTRACT NO. 62L22				
ILLINOIS FED. AID PROJECT				



USER NAME = 1489	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/5/2020	DATE = 7/10/2020	REVISED -

FILE NAME = X:\OHA\2020\3902\0002-05 Design\00\DL2L22 IL 31 and Prairie SW.dgn



PRAIRIE STREET

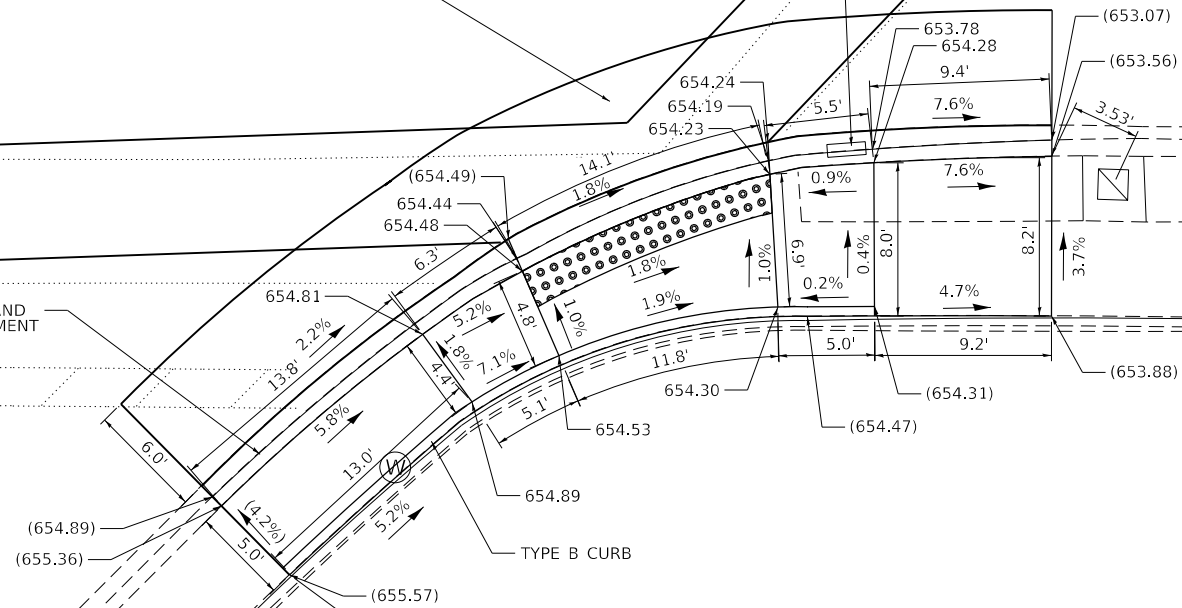
CLASS D PATCH, TYPE III, 9"

ADJUST INLET

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

HMA

IL 31/N LAKE ST



TBM #5899
 BOX CUT ON THE SOUTHEAST CORNER OF THE TRAFFIC CONTROLLER
 FOUNDATION AT THE SOUTHEAST CORNER OF PRAIRIE ST AND IL 31
 ELEV.: 656.178
 N: 1,852,329.517
 E: 985,598.488

LEGEND

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS – SE IL 31 AND PRAIRIE ST
 IL. RTE 31 (LAKE ST.)(I-88 TO RATHBONE AVE.)

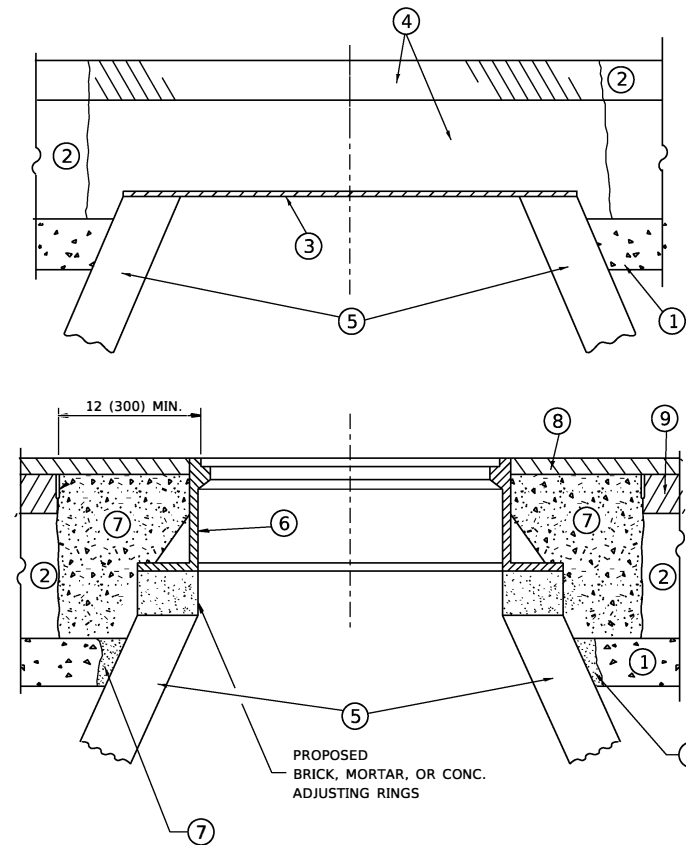
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-R5&SW	KANE	69	55
				CONTRACT NO. 62L22
ILLINOIS FED. AID PROJECT				



USER NAME = 1489	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/5/2020	CHECKED -	REVISED -
	DATE = 7/10/2020	REVISED -

FILE NAME = X:\OHA\2020\20200002-05 Design\00\DL2L22 IL 31 and Prairie SE.dgn



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 AURORA 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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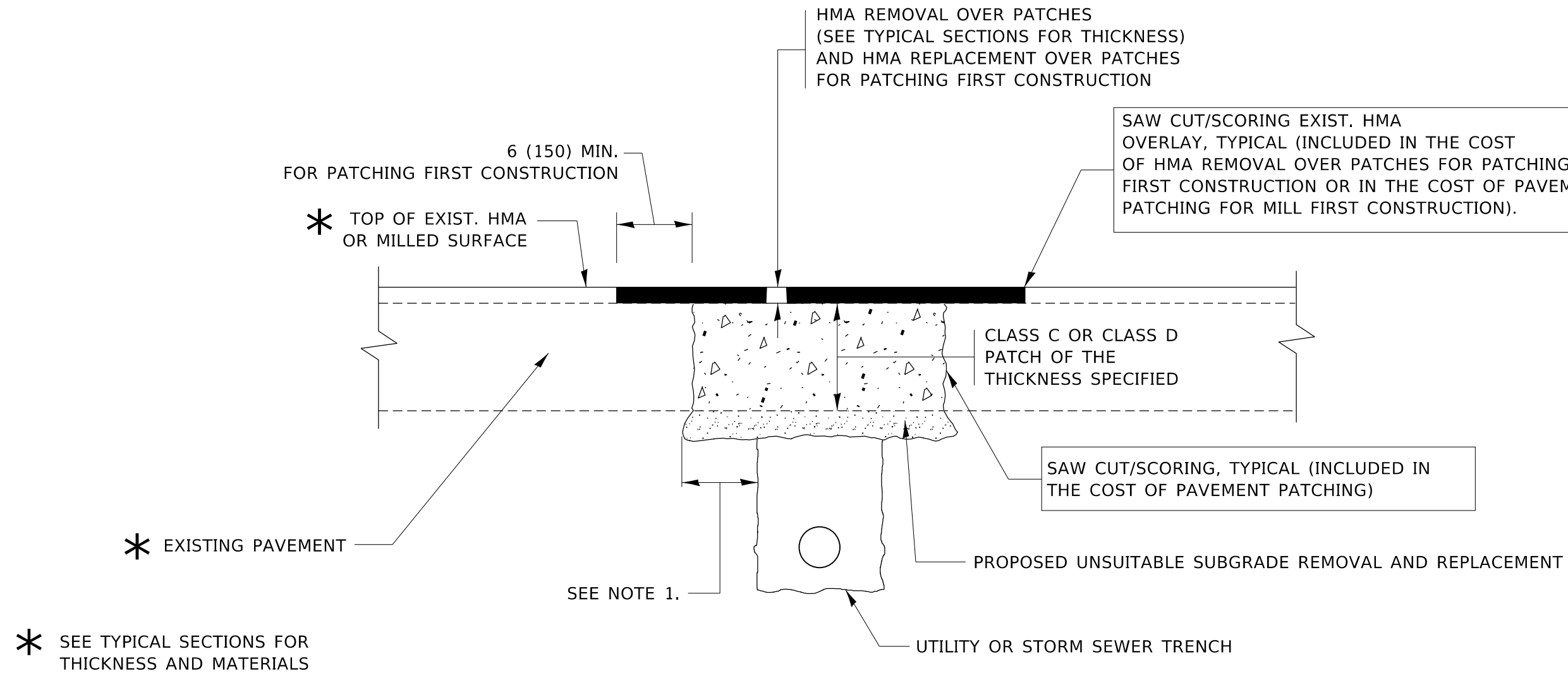
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PLOT DATE = 8/8/2020	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	57
BD600-03 (BD-8)		CONTRACT NO.	62L22	
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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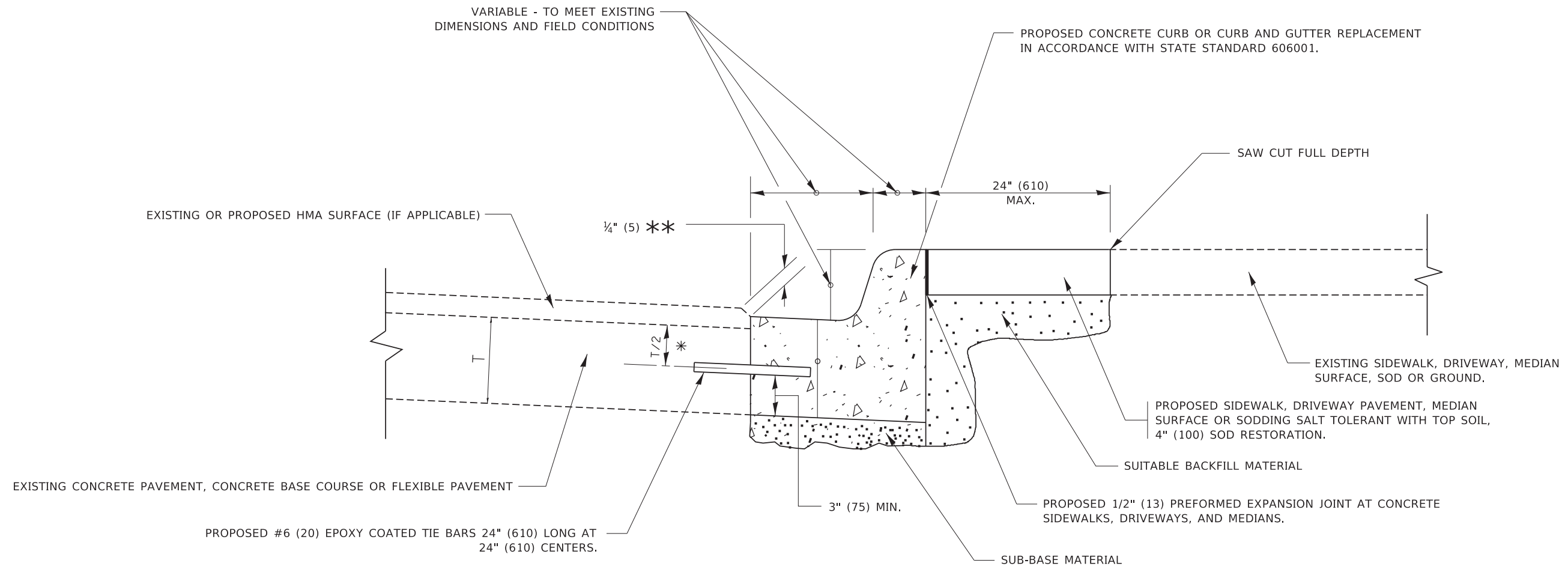
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PLOT DATE = 8/8/2020	DATE - 10-25-94	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	58
BD400-04 (BD-22)		CONTRACT NO. 62L22		
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.

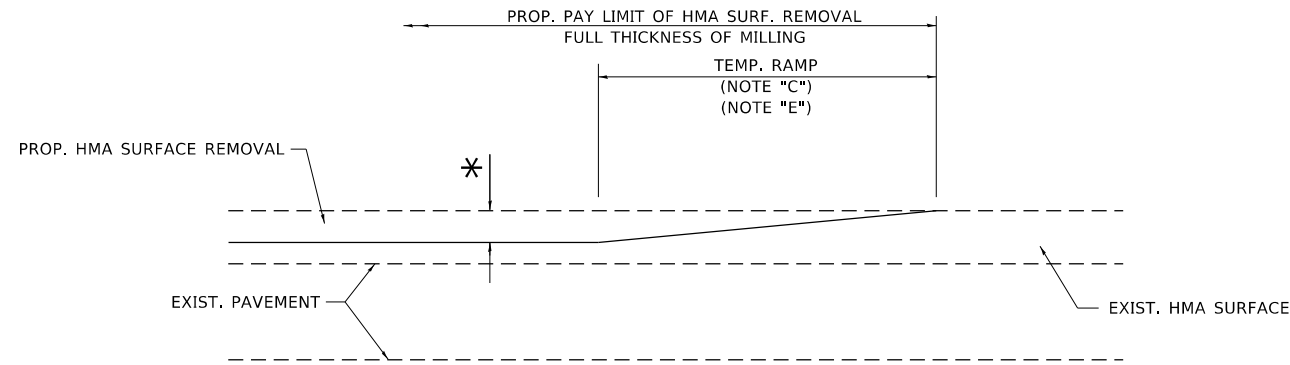
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	
SCALE: NONE	SHEET 1 OF 1 SHEETS
STA.	TO STA.

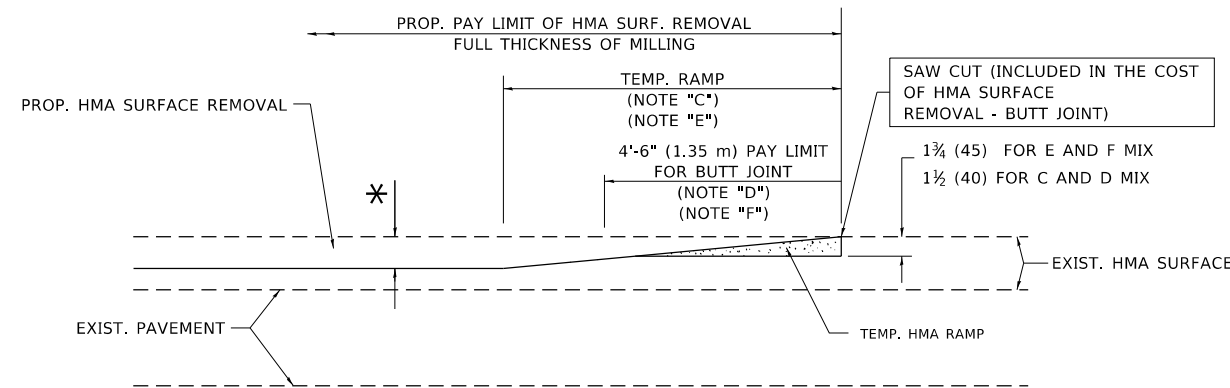
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BD600-06 (BD-24)		CONTRACT NO. 621.22		
<small>ILLINOIS FED. AID PROJECT</small>				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

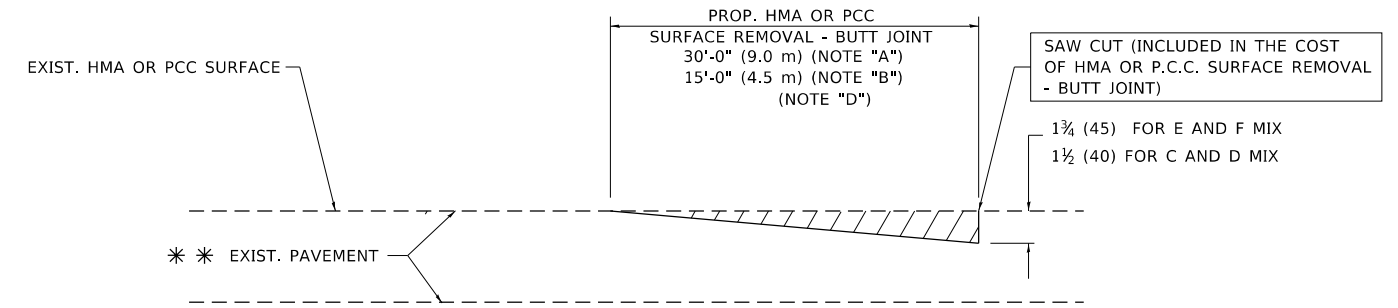


HMA CONSTRUCTED TEMPORARY RAMP

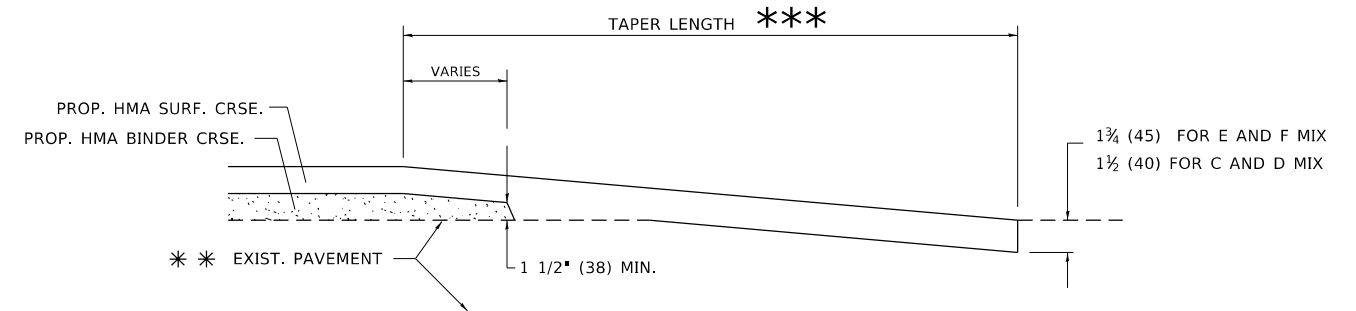
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

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.

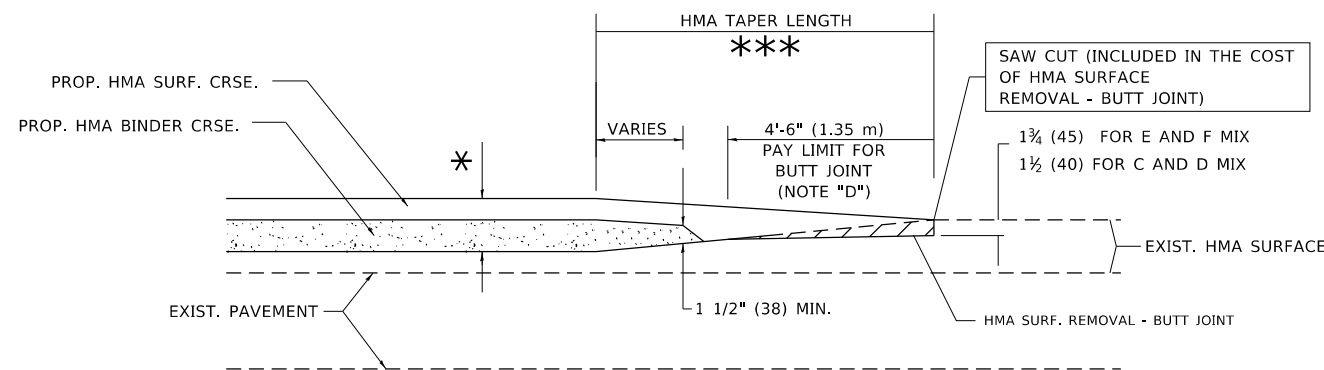
NOTES

- 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.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

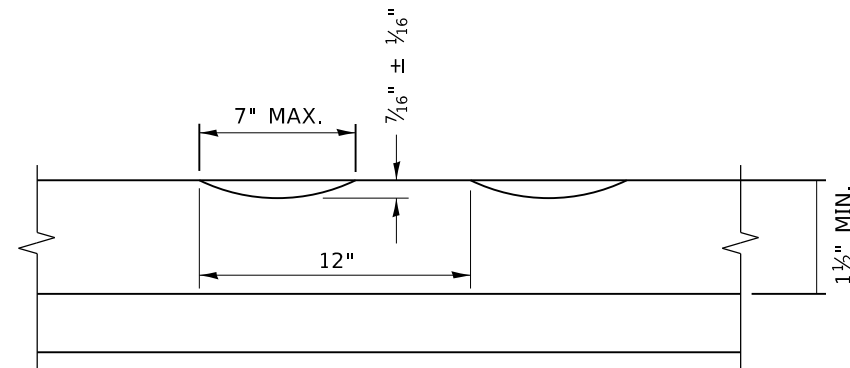
BUTT JOINT AND
HMA TAPER DETAILS

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

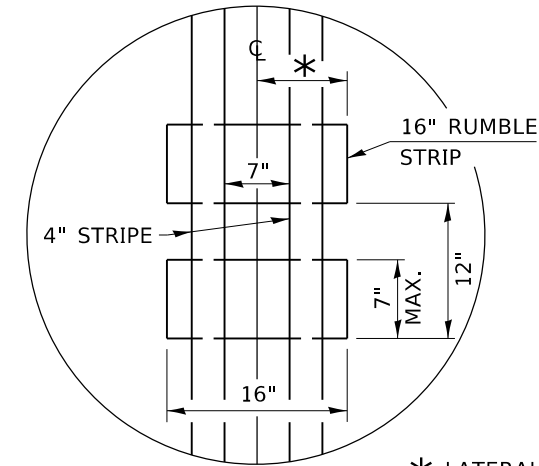
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ILLINOIS FED. AID PROJECT				

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PLOT DATE = 8/8/2020	CHECKED -	REVISED - M. GOMEZ 04-06-01
	DATE - 06-13-90	REVISED - R.BORO 01-01-07



SECTION A-A



* LATERAL DEVIATION SHALL NOT EXCEED ONE INCH IN 100 FEET.

DETAIL B

GENERAL NOTES

CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.

SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS. RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.

ALL RUMBLE STRIPS SHALL BE MILLED.

CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.

DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

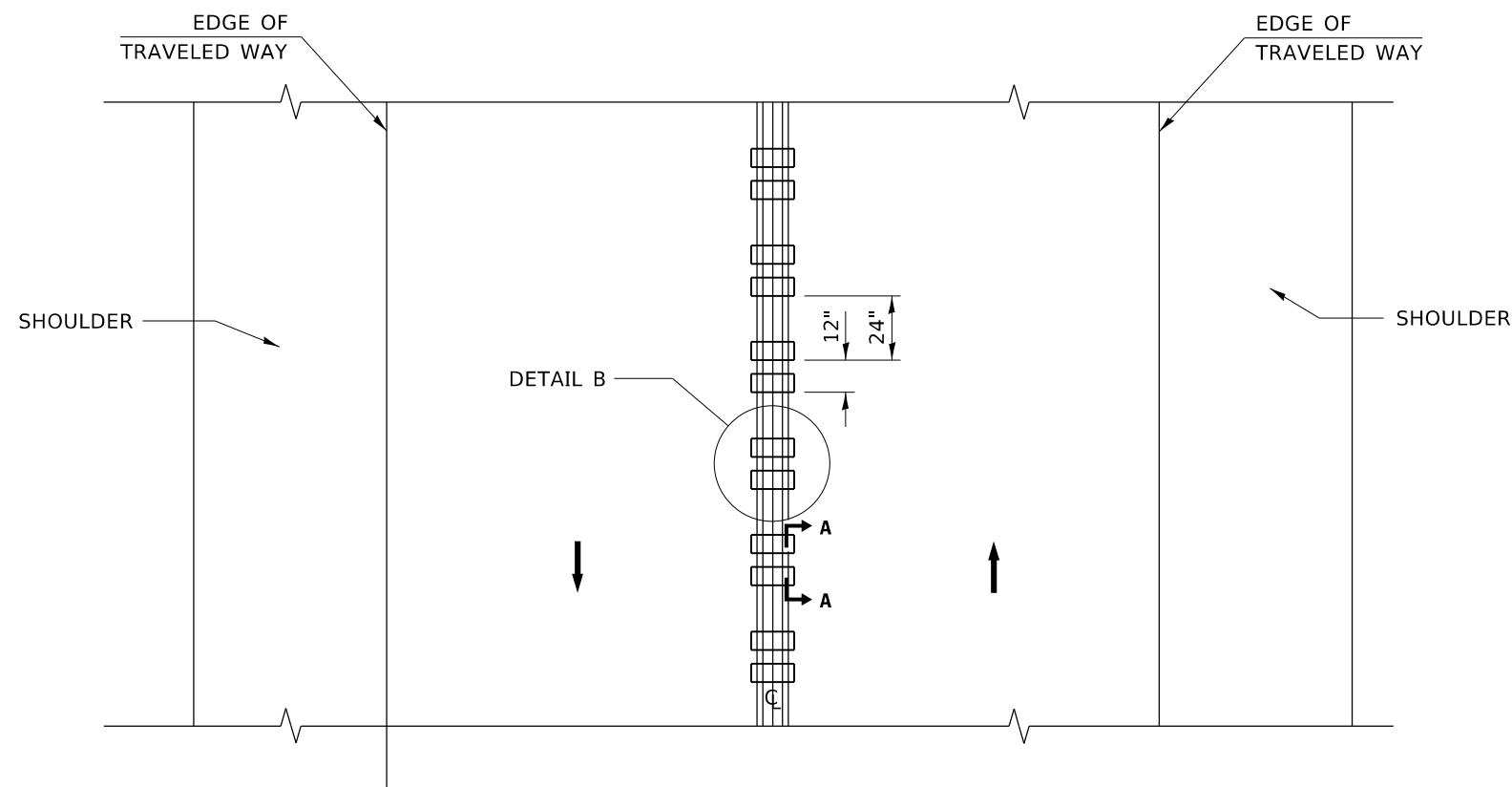
AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEPED CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.

WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

BASIS OF PAYMENT

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.

HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.



TWO-WAY ROAD

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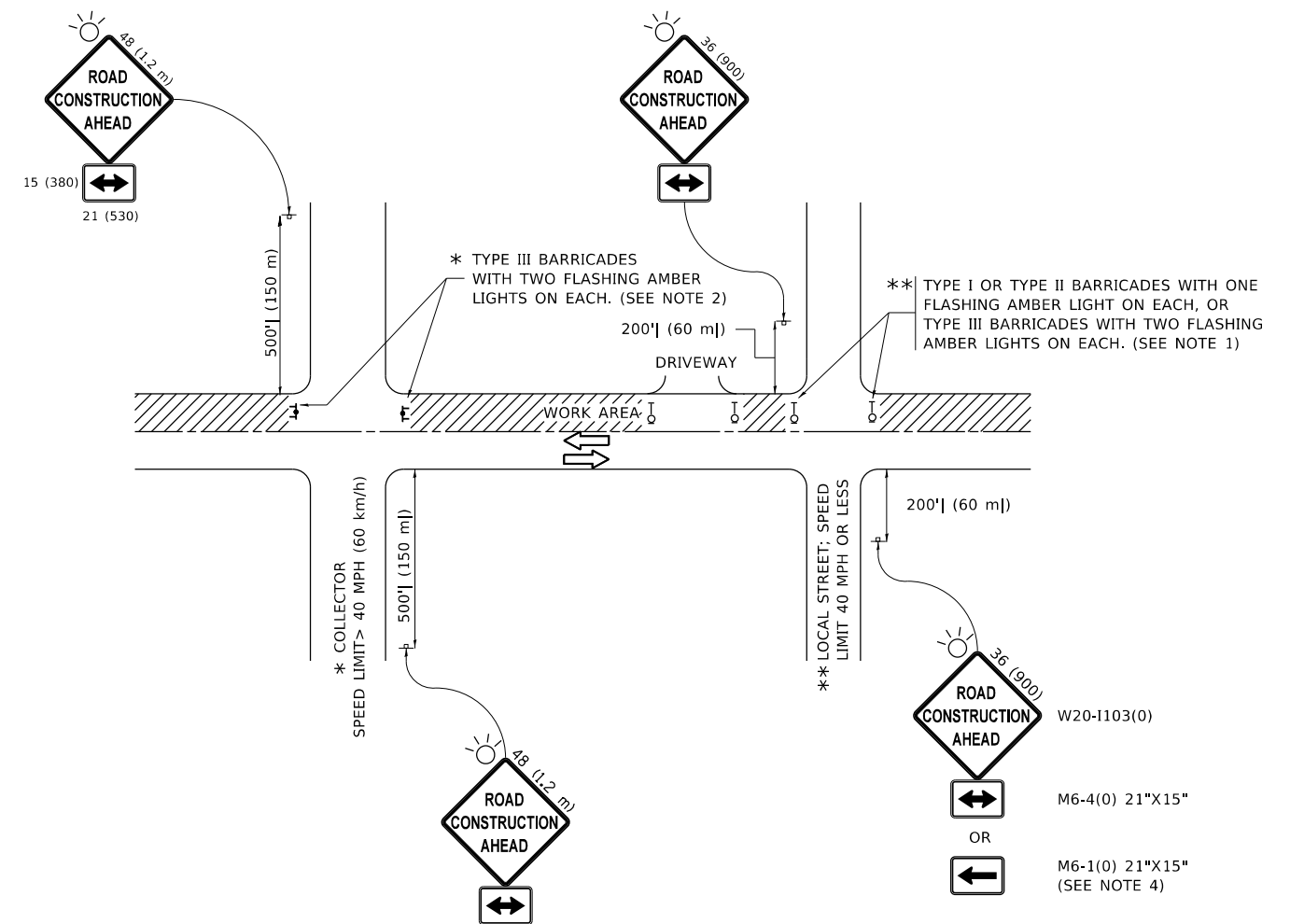
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	61
BD 55			CONTRACT NO. 62L22	
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) 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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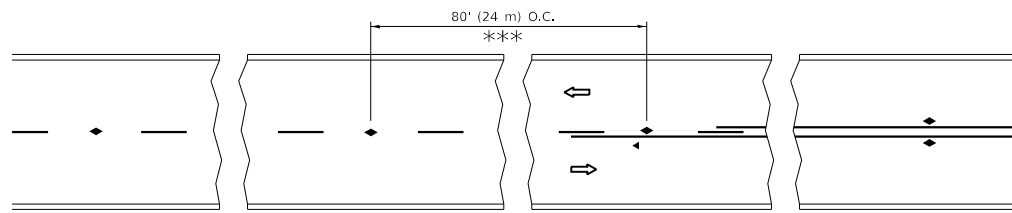
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PLOT DATE = 8/8/2020	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

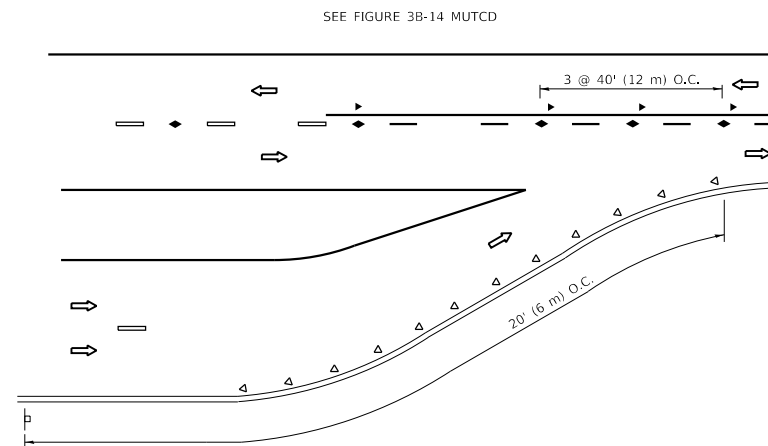
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 62L22	
ILLINOIS FED. AID PROJECT				

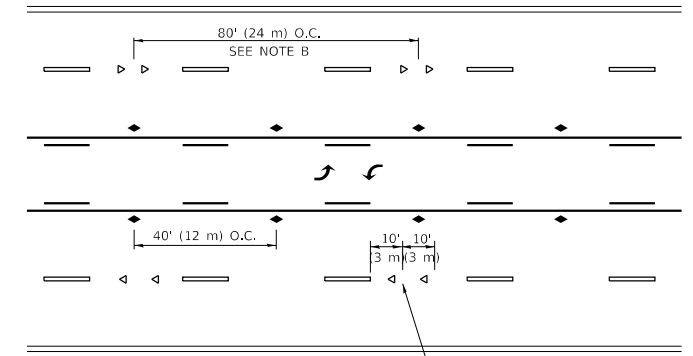


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

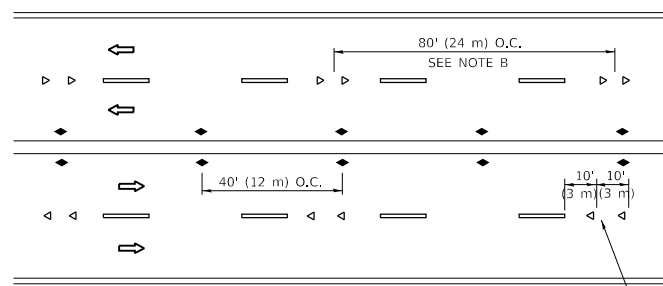
TWO-LANE/TWO-WAY



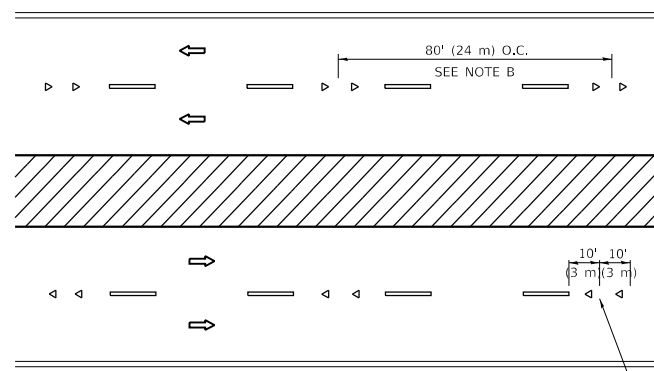
LANE REDUCTION TRANSITION



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

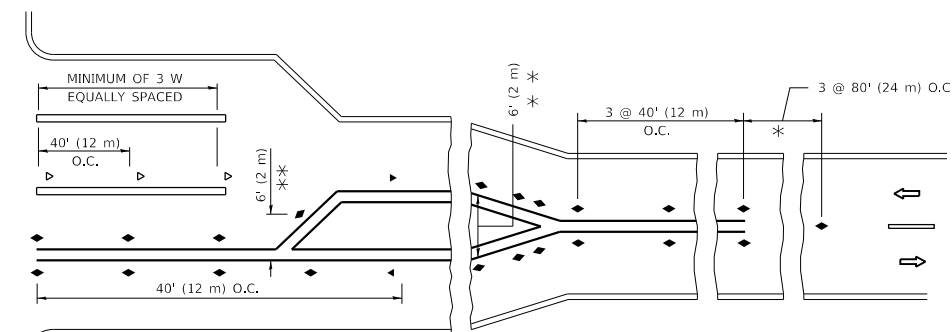
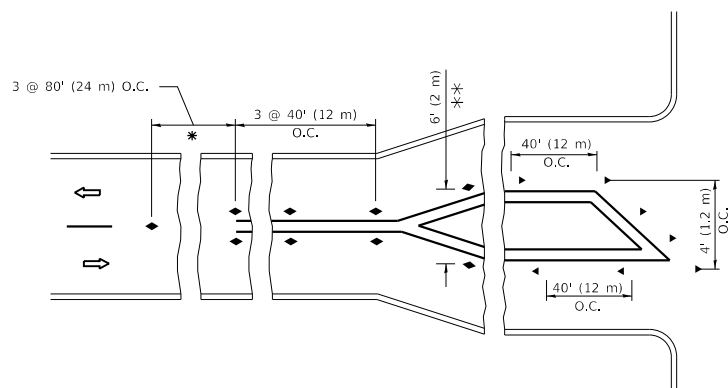
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 8/8/2020	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.U. RTE. 3902	SECTION 2020-050-RS&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 63
TC-11		CONTRACT NO. 62L22		
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

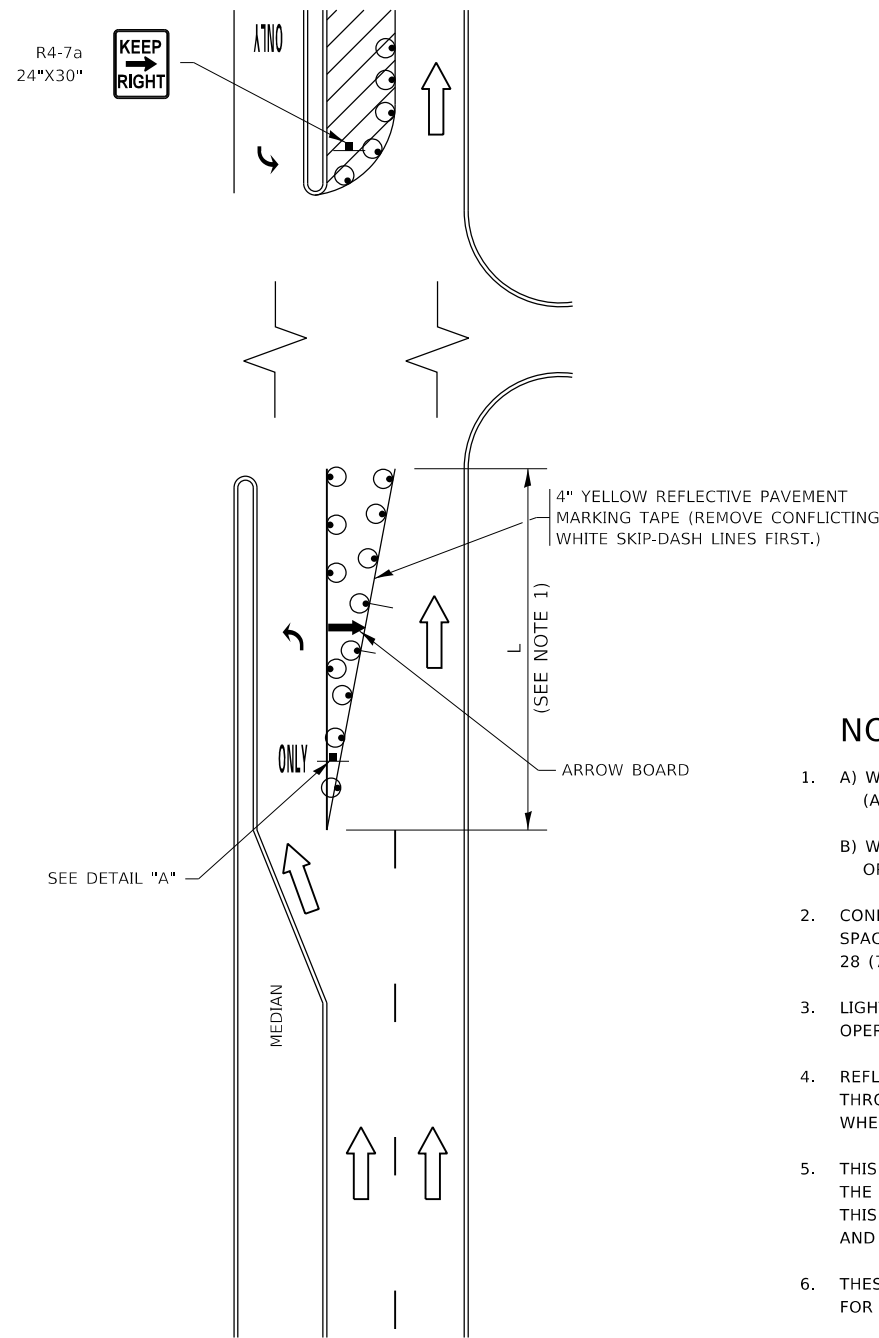


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

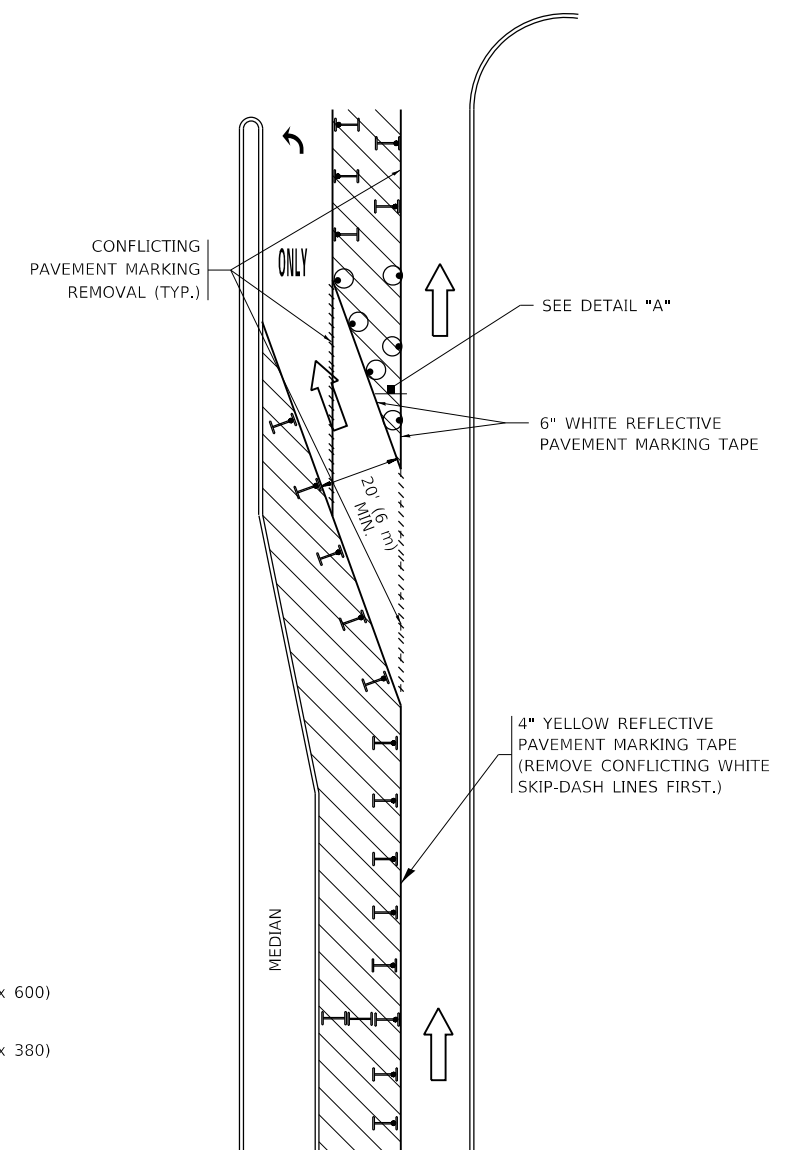
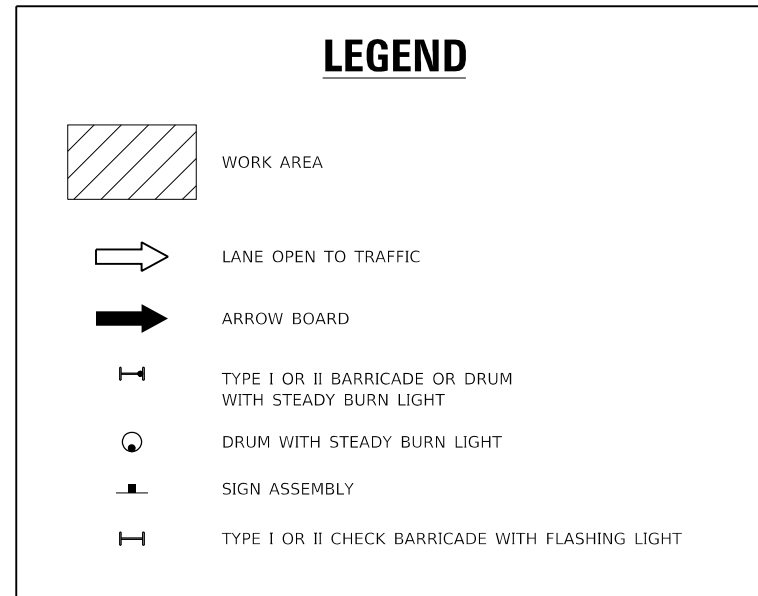
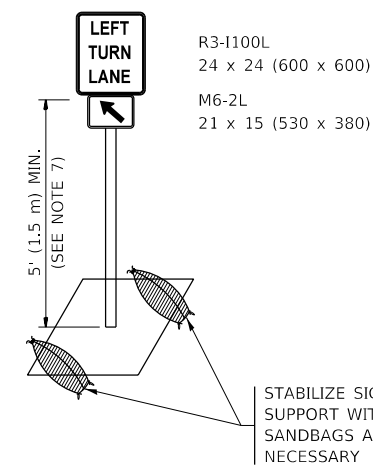


FIGURE 2



NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH 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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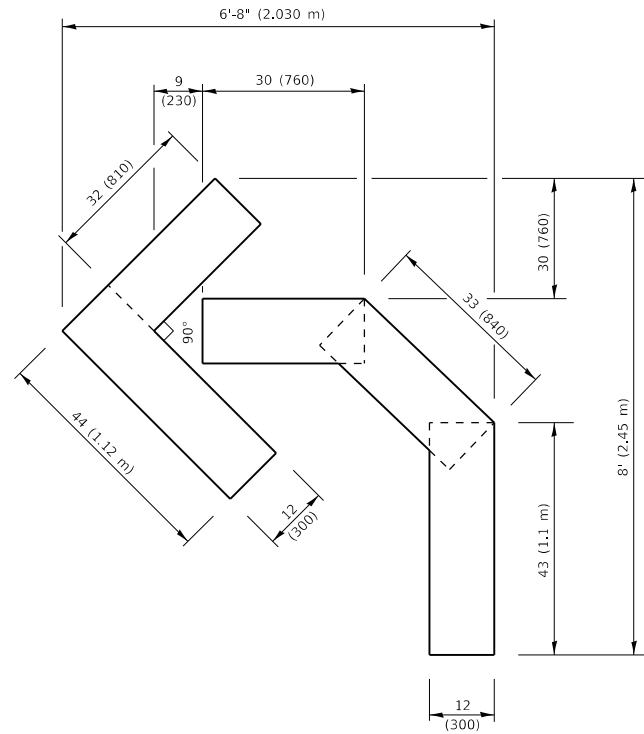
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PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 8/8/2020	DATE - T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

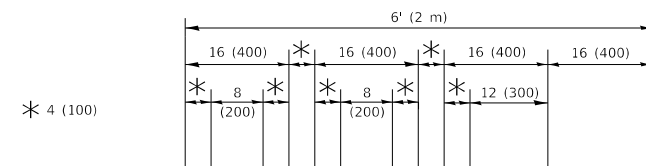
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 3902	SECTION 2020-050-RS&SW	COUNTY KANE	TOTAL SHEETS 69	SHEET NO. 65
TC-14		CONTRACT NO. 62L22		
ILLINOIS FED. AID PROJECT				



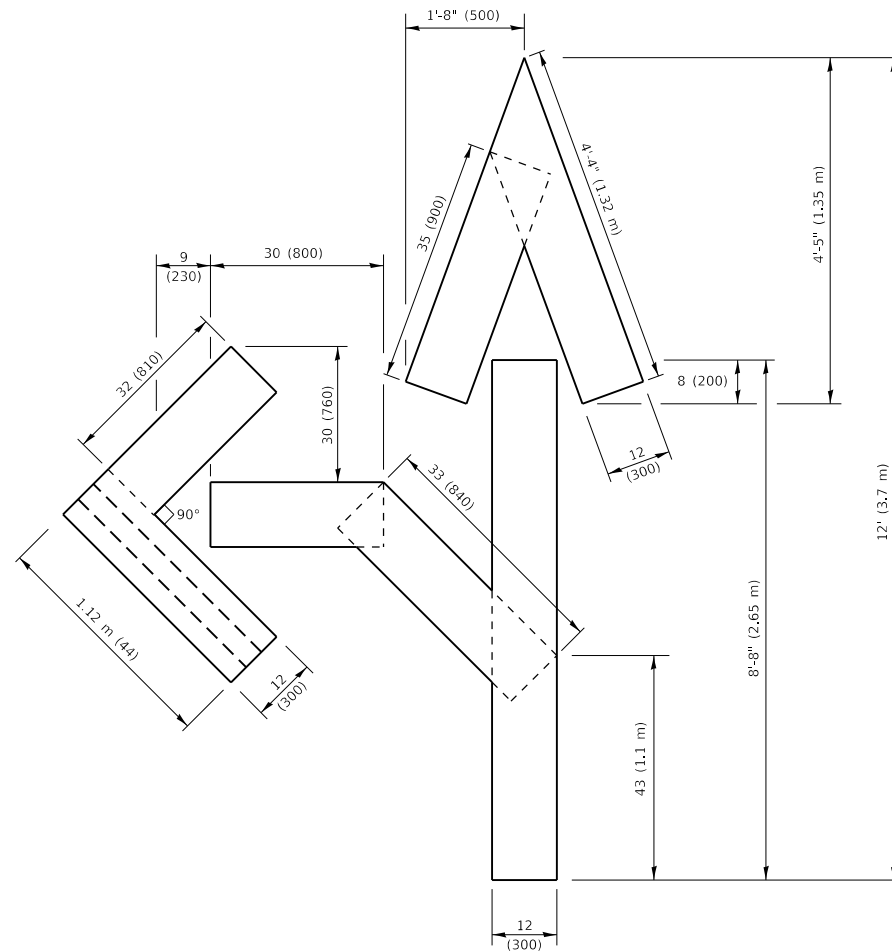
QUANTITY

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)

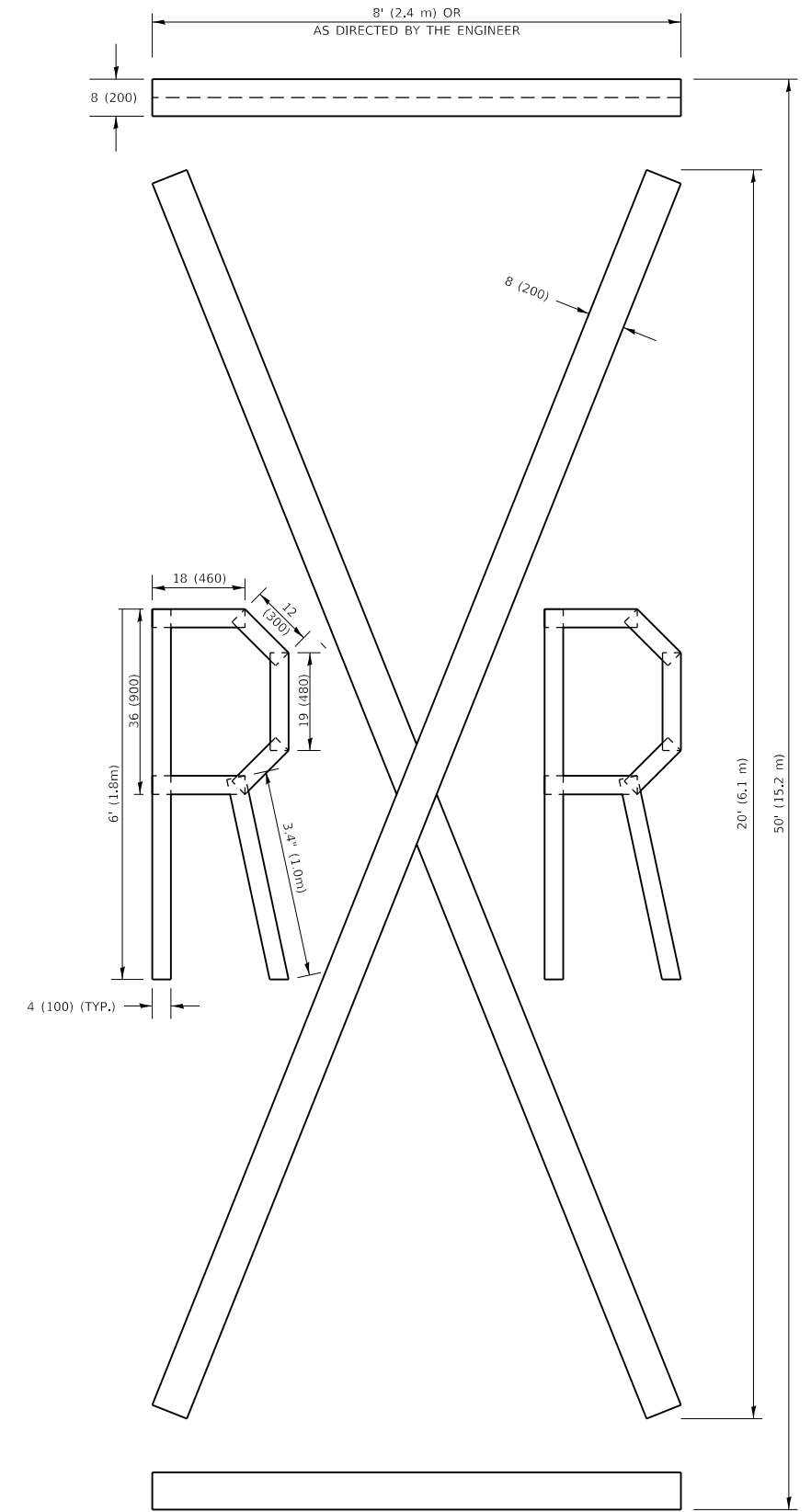


QUANTITY

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
FILE NAME: P:\pub\harcam.com.dwg
PROJECT: I:\projects\143220\CADD\data\Design\BIS\Std.dwg

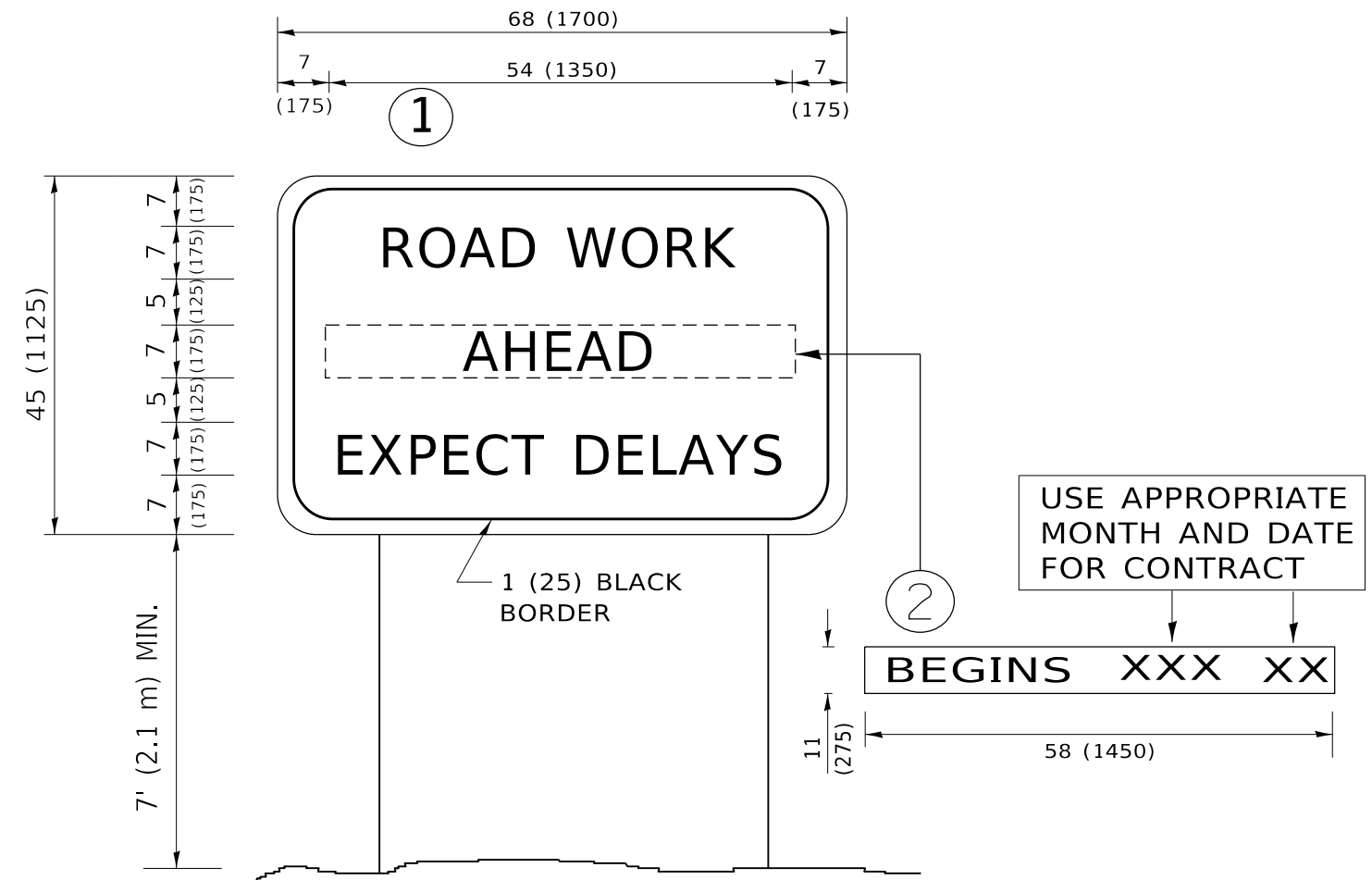
USER NAME = Valladolldv	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 100,0010' / In.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 8/8/2020	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	66
TC-16			CONTRACT NO. 62L22	
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
 FILE: \\nas01c.pw.state.il.us\pub\harcourt\dot\Documents\DOT_Offices\lhartec_1\Project\143220\CADD\Drawings\Design\DRS4.dgn

USER NAME = Valladoliv	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 8/8/2020	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

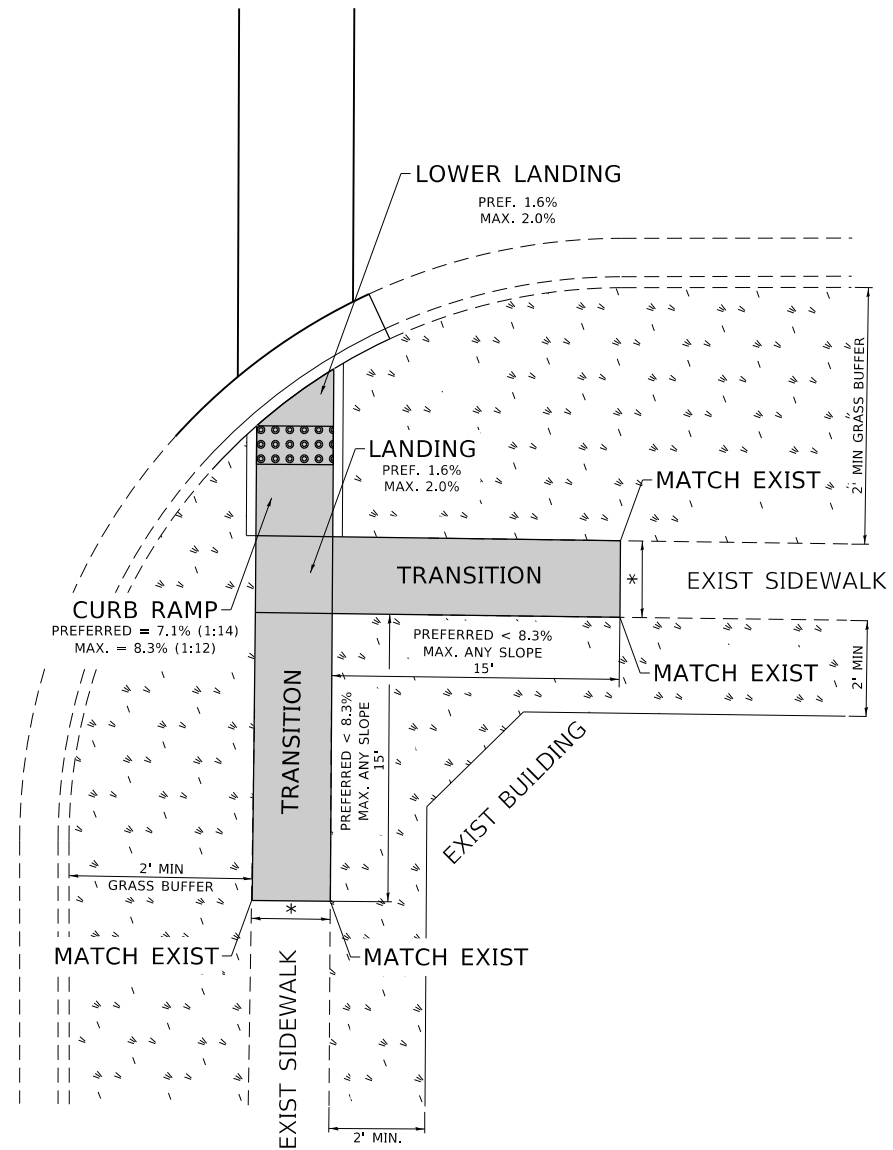
**ARTERIAL ROAD
INFORMATION SIGN**

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

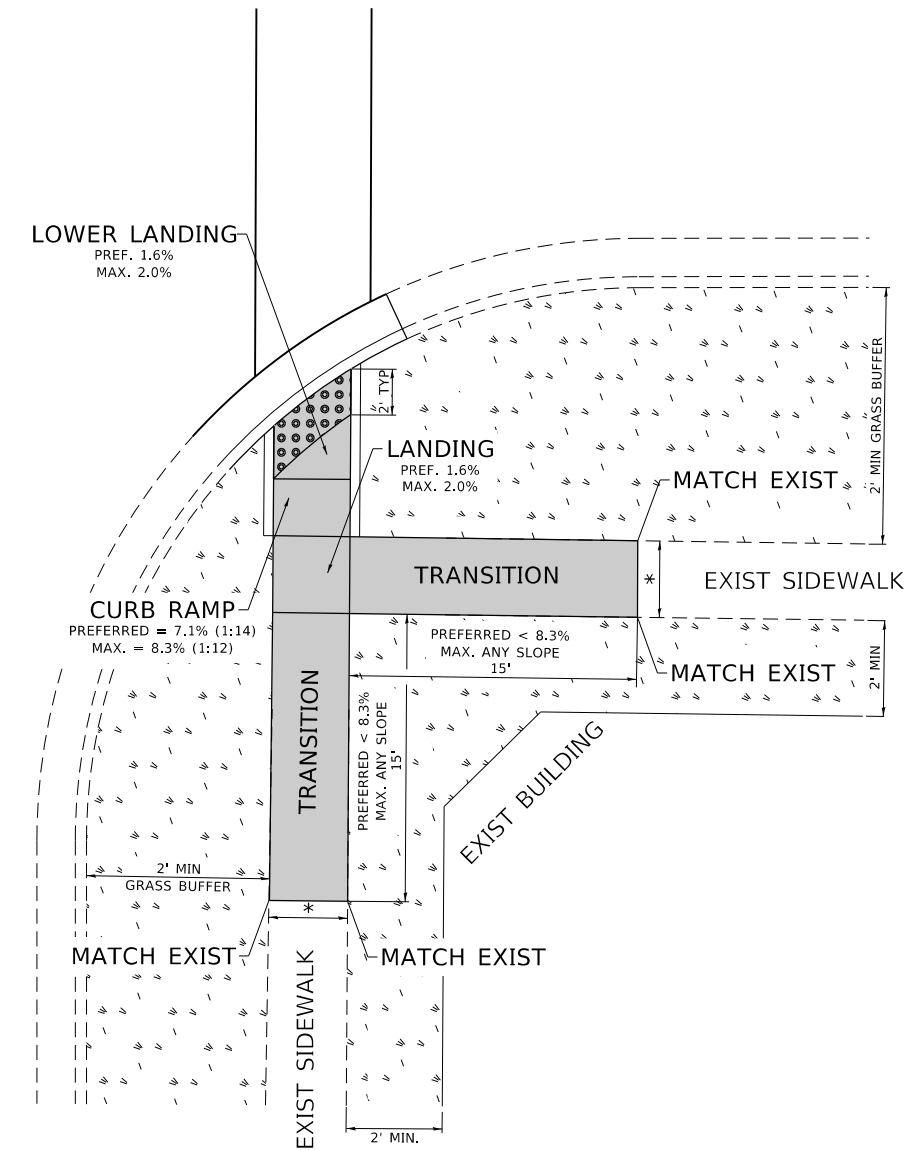
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	67
TC-22			CONTRACT NO. 62L22	
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



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

MODEL: Default
FILE: \\nlsdc-pub\pub\baronm.dwg; \\nlsdc-pub\pub\DOT\Documents\DOT_Offices\District_1\Projects\143270\CADD\Drawings\Design\DES-04.dwg

USER NAME = Valladoliv	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/8/2020	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3902	2020-050-RS&SW	KANE	69	69
PD-04		CONTRACT NO. 62L22		
		ILLINOIS FED. AID PROJECT		