

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENTS ARE LOCATED IN THE CITY OF ARLINGTON HEIGHTS

**TRAFFIC DATA**

FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL

2019

IL 72 TO IL 62

ADT = 34,100

IL 62 TO CENTRAL RD

ADT = 32,300

CENTRAL RD TO THOMAS ST

ADT = 21,700

THOMAS ST TO PALATINE RD

ADT = 23,100

% TRUCKS = 5%

IL 72 TO IL 62

POSTED SPEED = 45 MPH

IL 62 TO CENTRAL RD

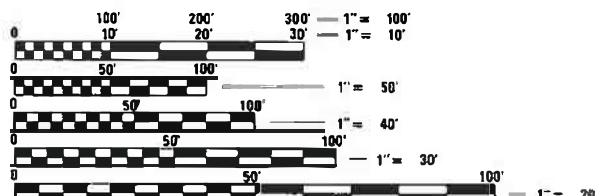
POSTED SPEED = 35 MPH

CENTRAL RD TO THOMAS ST

POSTED SPEED = 30 MPH

THOMAS ST TO PALATINE RD

POSTED SPEED = 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: DAN WILGREEN, PE (847) 705-4240

PROJECT MANAGER: FAWAD AQUEEL, PE (847) 705-4247

CONTRACT NO. 62L93

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

FAU ROUTE 2626 (ARLINGTON HEIGHTS RD)  
IL 72 (HIGGINS RD) TO PALATINE RD  
SECTION 2020-115-RS&SW  
PROJECT STP-NHPP-K9ZC(737)  
SMART OVERLAY, ADA IMPROVEMENTS  
COOK COUNTY

C-91-312-20

OMISSION  
STA 315 + 83.10 TO  
STA 317 + 50.00

OMISSION  
STA 217 + 13.68 TO  
STA 219 + 90.90

OMISSION  
STA 157 + 00.00 TO  
STA 159 + 65.51

OMISSION  
STA 101 + 32.19 TO  
STA 103 + 72.10

OMISSION  
STA 54 + 65.96 TO  
STA 77 + 44.86



LOCATION MAP  
NOT TO SCALE

WHEELING AND ELK GROVE TOWNSHIPS

GROSS LENGTH = 30,179 FT. = 5.716 MILE  
NET LENGTH = 26,956 FT. = 5.105 MILE

END IMPROVEMENT  
STA 317 + 50.00

BEGIN IMPROVEMENT  
STA. 15 + 65.79



Signed: [Signature]  
Date: 12/01/2020  
License Expires: 11/30/2021  
The seal shown above is valid for Sheets 01-26, and XX-XX.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-RS&SW	COOK	129	1
		ILLINOIS	CONTRACT NO. 62L93	

D-91-514-20



LOCATION OF SECTION INDICATED THUS: - [Symbol]

**EFK Moen**  
Civil Engineering Design

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 9, 2020  
[Signature] REGIONAL ENGINEER  
January 29, 2021  
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT  
January 29, 2021  
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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## HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND CLASS D PATCHES
604001-05	FRAME AND LIDS TYPE 1
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEED ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS

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REV-SEP

USER NAME = RGall DESIGNED - RG DRAWN - CS CHECKED - JH DATE -		REVISED - REVISED - REVISED - REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>ARLINGTON HEIGHTS RD INDEX, GENERAL NOTES, STANDARDS</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in. PLOT DATE = 12/9/2020								2626	2020-115-R5&SW	COOK	129	2
						SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
								ILLINOIS		FED. AID PROJECT		
										CONTRACT NO. 62L93		

**GENERAL NOTES**

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF ARLINGTON HEIGHTS.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
6. THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, AT WALTER.CZARNY@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
7. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
8. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
9. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
10. THE ALIGNMENTS AND SUPPORTING DATA SHOWN IN THE PLANS IS FOR REFERENCE PURPOSES ONLY. THE RELATIVE ACCURACY OF THE INFORMATION IS UNKNOWN AND CANNOT BE GUARANTEED. THE CONTRACTOR MAY BE REQUESTED TO ADJUST LAYOUT TO MATCH ACTUAL FIELD CONDITIONS AND THE INTENT OF THE PLANS.
11. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
12. 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.
13. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
14. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE IN ACCORDANCE WITH THE DISTRICT ONE DETAIL TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" INCLUDED IN THE PLANS.
15. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
16. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO DETAILS TC-13 AND TC-23.
17. COMED COMPANY WIRES ARE NOT INSULATED AND EXTRA CAUTION AND VIGILANCE MUST BE ADHERED TO WHEN WORKING AROUND THEM. CONTRACTORS SHOULD ALWAYS USE CAUTION IN OPERATING CRANES AND OR OTHER EQUIPMENT NEAR OVERHEAD ELECTRICAL FACILITIES. THE OCCUPATIONAL HEALTH AND SAFETY ORGANIZATION (OSHA) RULES REQUIRE THAT WORKERS AND EQUIPMENT SHALL NOT APPROACH WITHIN TEN (10) FEET AWAY OF OVERHEAD ELECTRICAL EQUIPMENT WITHOUT APPROPRIATE SUPPLEMENTAL PROTECTION. PLEASE BE CERTAIN THAT ALL WORKERS ON THIS PROJECT HAVE BEEN FULLY TRAINED AND CONFORM TO OSHA RULES AND OTHER APPLICABLE GUIDELINES REGARDING WORKING SAFELY AROUND ELECTRICAL POWER LINES.
18. THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION WHEN USING ARTIFICIAL LIGHTING DURING NIGHT TIME OPERATIONS TO PREVENT ADVERSE VISIBILITY TO THE MOTERING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

**GENERAL NOTES (CONT.)**

19. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIAN ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED LARGER ITEM OF SPECIFIED WORK.
20. CATCH BASINS, MANHOLES, INLETS, VALVE VAULTS, AND DRAINAGE STRUCTURE ADJUSTMENT AND/OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
21. ALL PAVEMENT PATCHING LOCATIONS AND COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS WILL BE AS SHOWN ON THE PLANS AND AS DETERMINED IN THE FIELD BY THE ENGINEER.
22. 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 ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATION, UNLESS A SEPERATE PAY ITEM HAS BEEN PROVIDED.
23. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO THE EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.
24. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
25. LIMITS OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
26. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE DITRICT 1 DETAIL BD-32 "BUTT JOINT AND HMA TAPER DETAILS" INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
27. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).
28. ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENT, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.
29. DURING CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED AT HIS EXPENSE TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS.
30. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO THE ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
31. NO MATERIAL SHOULD BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
32. THE CONTRACTOR MUST APPLY FOR A RIGHT OF ENTRY PERMIT FROM THE UNION PACIFIC RAILROAD AND REFERENCE THE UNION PACIFIC FOLDER NO.: 3253-74, WHEN FILLING OUT THE PERMIT APPLICATION.

**COMMITMENTS**

NONE.

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PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD  
INDEX, GENERAL NOTES, STANDARDS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	3
			CONTRACT NO. 62L93	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED (STP-URB) / 20% STATE	80% FED (NHPP) / 20% STATE	80% FED (STP-URB) / 20% STATE	80% FED (NHPP) / 20% STATE
				ROADWAY	ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS
				0005 URBAN	0005 URBAN	0021 URBAN	0021 URBAN
20200100	EARTH EXCAVATION	CU YD	263	158	105		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2420	1452	968		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	31	19	12		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	31	19	12		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	31	19	12		
25200110	SODDING, SALT TOLERANT	SQ YD	2420	1452	968		
25200200	SUPPLEMENTAL WATERING	UNIT	113	68	45		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	82493	49496	32997		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	185	111	74		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1434	860	574		
* 40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	776	466	310		
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	19	11	8		
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	17988	10793	7195		
42001300	PROTECTIVE COAT	SQ YD	5399	3239	2160		

\* DENOTES SPECIAL PROVISION REQUIRED

\*\* DENOTES SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	4
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED (STP-URB) / 20% STATE	80% FED (NHPP) / 20% STATE	80% FED (STP-URB) / 20% STATE	80% FED (NHPP) / 20% STATE
				ROADWAY	ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS
				0005 URBAN	0005 URBAN	0021 URBAN	0021 URBAN
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	30	18	12		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	30	18	12		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	25650	15390	10260		
42400800	DETECTABLE WARNINGS	SQ FT	1828	1097	731		
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	181910	109146	72764		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	88	53	35		
44000600	SIDEWALK REMOVAL	SQ FT	26261	15757	10504		
* 44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQ YD	170	102	68		
* 44002213	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/4"	SQ YD	1410	846	564		
* 44002235	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 8 3/4"	SQ YD	1000	600	400		
44003100	MEDIAN REMOVAL	SQ FT	145	87	58		
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	2291	1375	916		
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	1410	846	564		
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	60	36	24		

\* DENOTES SPECIAL PROVISION REQUIRED  
 \*\* DENOTES SPECIALTY ITEM

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PLOT DATE = 1/15/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
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**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	5
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED (STP-URB) / 20% STATE	80% FED (NHPP) / 20% STATE	80% FED (STP-URB) / 20% STATE	80% FED (NHPP) / 20% STATE
				ROADWAY	ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS
				0005 URBAN	0005 URBAN	0021 URBAN	0021 URBAN
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	1110	666	444		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	10	6	4		
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	18	11	7		
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	80	48	32		
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	14	8	6		
60266600	VALVE BOXES TO BE ADJUSTED	EACH	7	4	3		
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	17	10	7		
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10	6	4		
* 60618210	HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH	SQ FT	86	52	34		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	9	5	4		
60624600	CORRUGATED MEDIAN	SQ FT	60	36	24		
** 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	263	158	105		
* ** 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	3	2		
* ** 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	0.6	0.4		

\* DENOTES SPECIAL PROVISION REQUIRED  
\*\* DENOTES SPECIALTY ITEM

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PLOT SCALE = 100.0000' / in.	CHECKED - JH	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	6
CONTRACT NO. 62L93			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED (STP-URB) / 20% STATE ROADWAY	80% FED (NHPP) / 20% STATE ROADWAY	80% FED (STP-URB) / 20% STATE TRAFFIC SIGNALS	80% FED (NHPP) / 20% STATE TRAFFIC SIGNALS
				0005 URBAN	0005 URBAN	0021 URBAN	0021 URBAN
* ** 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	0.6	0.4		
* ** 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	30	18	12		
* 67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	7	5		
67100100	MOBILIZATION	L SUM	1	0.6	0.4		
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	0.6	0.4		
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	0.6	0.4		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.6	0.4		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.6	0.4		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	0.6	0.4		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.6	0.4		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.6	0.4		
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.6	0.4		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	143869	86321	57548		

\* DENOTES SPECIAL PROVISION REQUIRED  
\*\* DENOTES SPECIALTY ITEM

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	7
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED (STP-URB) / 20% STATE ROADWAY	80% FED (NHPP) / 20% STATE ROADWAY	80% FED (STP-URB) / 20% STATE TRAFFIC SIGNALS	80% FED (NHPP) / 20% STATE TRAFFIC SIGNALS
				0005	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	47957	28774	19183		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	2659	1595	1064		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	76832	46099	30733		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	16481	9889	6592		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	595	357	238		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	6672	4003	2669		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	2298	1379	919		
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	47957	28774	19183		
** 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	3	2		
** 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	9	5	4		
** 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	3	2		
** 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	9	5	4		
** 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2659	1595	1064		
** 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	76832	46099	30733		

\* DENOTES SPECIAL PROVISION REQUIRED

\*\* DENOTES SPECIALTY ITEM

REV-SEP

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	8
			CONTRACT NO. 62L93	
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED (STP-URB) / 20% STATE ROADWAY	80% FED (NHPP) / 20% STATE ROADWAY	80% FED (STP-URB) / 20% STATE TRAFFIC SIGNALS	80% FED (NHPP) / 20% STATE TRAFFIC SIGNALS
				0005 URBAN	0005 URBAN	0021 URBAN	0021 URBAN
** 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	16481	9889	6592		
** 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	595	357	238		
** 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	6672	4003	2669		
** 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2298	1379	919		
** 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	20	12	8		
** 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	216	130	86		
** 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	29	17	12		
** 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2894	1736	1158		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2874	1724	1150		
** 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	53			32	21
* ** 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	12	7	4	1	
** 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2638			1583	1055
** 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	413			248	165
** 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	786			472	314

\* DENOTES SPECIAL PROVISION REQUIRED  
\*\* DENOTES SPECIALTY ITEM

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PLOT DATE = 1/15/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	9
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED (STP-URB) / 20% STATE ROADWAY	80% FED (NHPP) / 20% STATE ROADWAY	80% FED (STP-URB) / 20% STATE TRAFFIC SIGNALS	80% FED (NHPP) / 20% STATE TRAFFIC SIGNALS
				0005	0005	0021	0021
				URBAN	URBAN	URBAN	URBAN
** 87900200	DRILL EXISTING HANDHOLE	EACH	10			6	4
** 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	12			7	5
** 88600100	DETECTOR LOOP, TYPE I	FOOT	226			136	90
* ** 88600600	DETECTOR LOOP REPLACEMENT	FOOT	8508	5105	3403		
** 88800100	PEDESTRIAN PUSH-BUTTON	EACH	11			7	4
** 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	63	38	25		
** 89502200	MODIFY EXISTING CONTROLLER	EACH	1			1	
* ** 89502376	REBUILD EXISTING HANDHOLE	EACH	44	26	18		
* ** 89502378	REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	2	1	1		
* X0320015	MAINTENANCE OF TRAFFIC (ILLINOIS TOLLWAY)	L SUM	1	0.6	0.4		
* ** X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	0.6	0.4		
* X0326681	REMOVE AND RE-ERECT BOULDERS	L SUM	1	0.6	0.4		
* X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	371	223	148		
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	461	277	184		

\* DENOTES SPECIAL PROVISION REQUIRED  
\*\* DENOTES SPECIALTY ITEM

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PLOT DATE = 1/15/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-RS&SW	COOK	129	10
			CONTRACT NO. 62L93	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FED (STP-URB) / 20% STATE ROADWAY	80% FED (NHPP) / 20% STATE ROADWAY	80% FED (STP-URB) / 20% STATE TRAFFIC SIGNALS	80% FED (NHPP) / 20% STATE TRAFFIC SIGNALS	
				0005 URBAN	0005 URBAN	0021 URBAN	0021 URBAN	
* **	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4			2	2
*	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	848	509	339		
*	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	226	136	90		
*	X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	0.6	0.4		
*	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	64162	38497	25665		
* **	X8780010	CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER	FOOT	16			10	6
*	Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	5	3	2		
*	Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	20	12	8		
*	Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	7896	4738	3158		
*	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	69	41	28		
*	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	424	254	170		
*	Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	20	12	8		
*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	202	121	81		
*	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	111531	66919	44612		

\* DENOTES SPECIAL PROVISION REQUIRED  
\*\* DENOTES SPECIALTY ITEM

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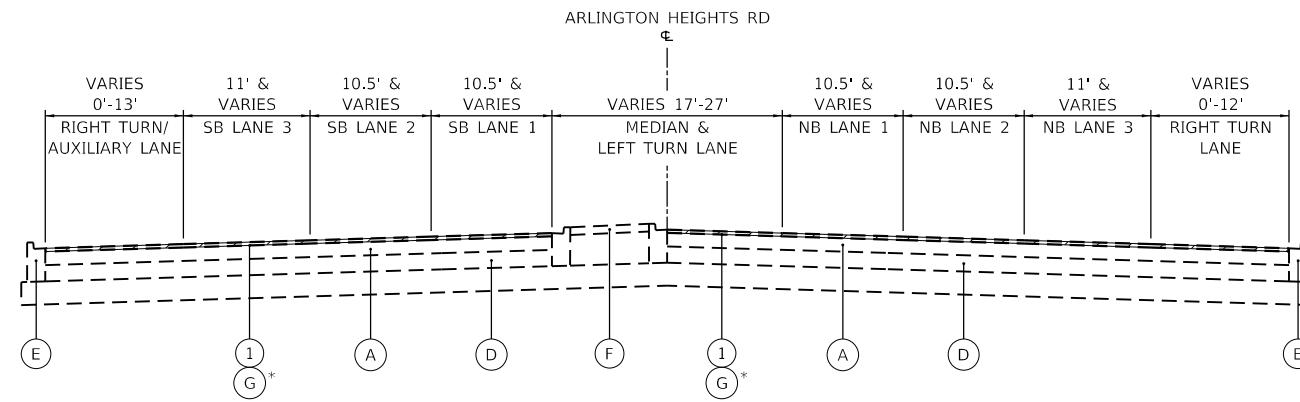
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

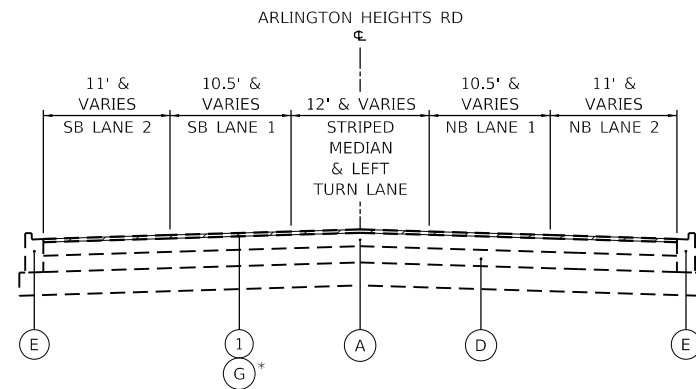
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	11
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				





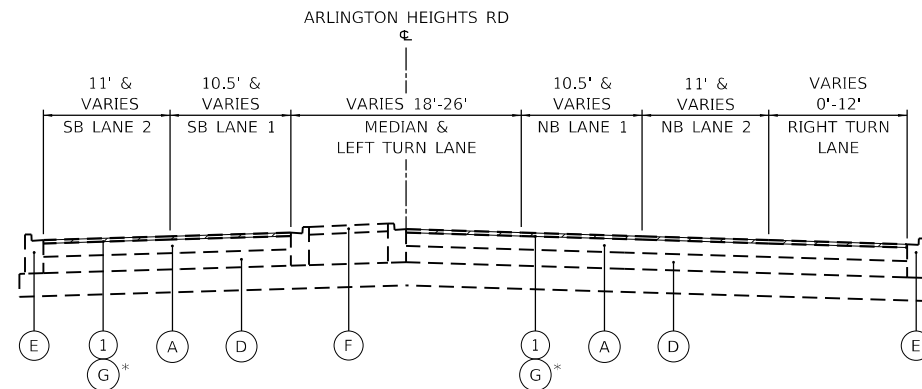
**ARLINGTON HEIGHTS RD EXISTING TYPICAL CROSS SECTION**

STA 15+65.79 TO STA 54+65.96  
 STA 77+44.86 TO STA 101+32.19  
 STA 103+72.10 TO STA 112+32.30



**ARLINGTON HEIGHTS RD EXISTING TYPICAL CROSS SECTION**

STA 112+32.30 TO STA 150+39.90



**ARLINGTON HEIGHTS RD EXISTING TYPICAL CROSS SECTION**

STA 150+39.90 TO STA 157+00.00

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT OVERLAY, 3-1/4"±
- (B) EXISTING HOT-MIX ASPHALT OVERLAY, 8-3/4"±
- (C) EXISTING HOT-MIX ASPHALT OVERLAY, 2-1/2"±
- (D) EXISTING PCC PAVEMENT, 8"±
- (E) EXISTING COMBINATION CURB AND GUTTER
- (F) EXISTING MEDIAN
- (G) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 1-1/2"±\*
- (H) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 7"±\*
- (I) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 3/4"±\*

\* THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

**PROPOSED LEGEND**

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"
- (2) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (3) PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- (4) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"

**OMISSIONS**

STA 54+65.96 TO STA 77+44.86  
 STA 101+32.19 TO STA 103+72.10  
 STA 157+00.00 TO STA 159+65.51  
 STA 217+13.68 TO STA 219+90.90  
 STA 315+83.10 TO STA 317+50.00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"	4.0% AT 70 GYR	PFP
MEDIAN REMOVAL PARTIAL DEPTH		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"	4.0% AT 70 GYR	PFP
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"	4.0% AT 70 GYR	QC/QA
PAVEMENT PATCHING		
CLASS D PATCHES, (HMA BINDER IL-19.0 mm)	4.0% AT 70 GYR	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	4.0% AT 70 GYR	QC/QA
HMA DRIVEWAY PAVEMENT, 8"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4.0% AT 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6"	4.0% AT 50 GYR	QC/QA
HMA DRIVEWAY PAVEMENT, 10"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4.0% AT 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8"	4.0% AT 50 GYR	QC/QA
HMA MEDIAN SURFACE 4"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"	4.0% AT 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/2"	4.0% AT 50 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

NOTES:

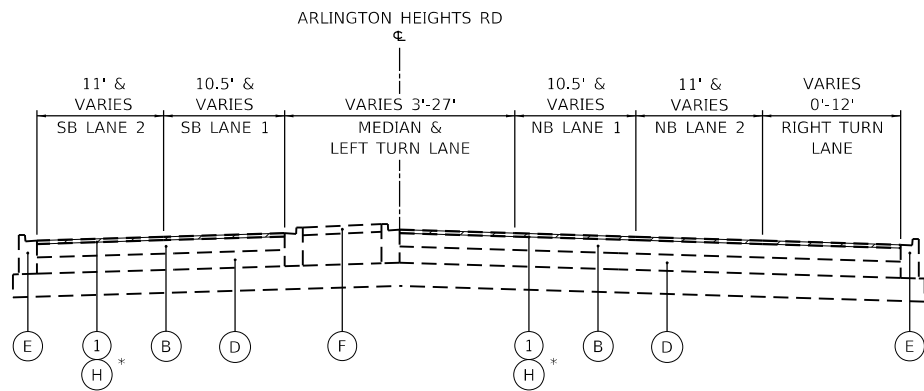
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
- LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE AT LANE LINES.

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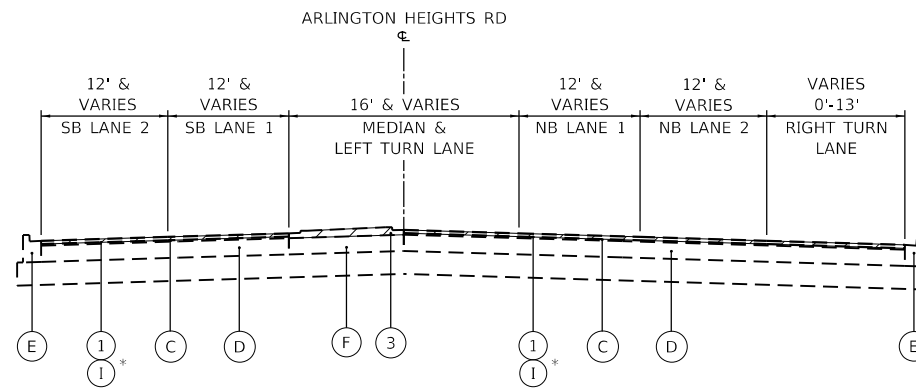
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TYPICAL SECTIONS</b>		2626	2020-115-R5&SW	COOK	129	13
SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 62L93				
		ILLINOIS FED. AID PROJECT				



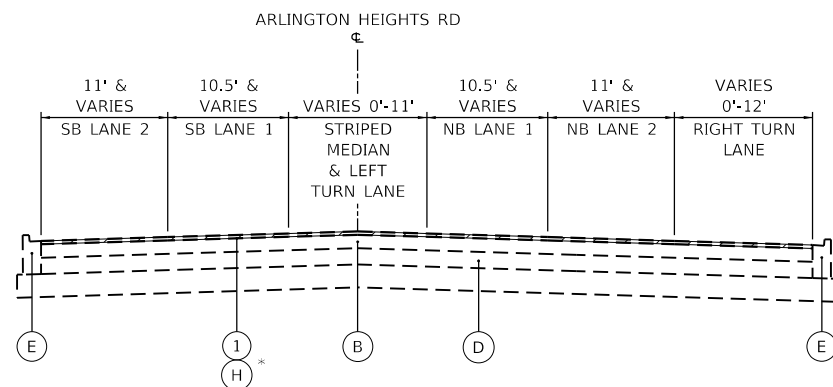
**ARLINGTON HEIGHTS RD EXISTING TYPICAL CROSS SECTION**

STA 159+65.51 TO STA 164+56.42



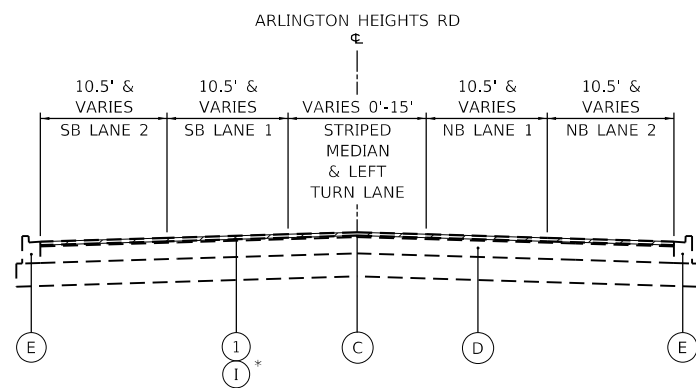
**ARLINGTON HEIGHTS RD EXISTING TYPICAL CROSS SECTION**

STA 311+68.26 TO STA 315+83.10



**ARLINGTON HEIGHTS RD EXISTING TYPICAL CROSS SECTION**

STA 164+56.42 TO STA 217+13.68  
STA 219+90.90 TO STA 295+26.55



**ARLINGTON HEIGHTS RD EXISTING TYPICAL CROSS SECTION**

STA 295+26.55 TO STA 311+68.26

**OMISSIONS**

STA 54+65.96 TO STA 77+44.86  
STA 101+32.19 TO STA 103+72.10  
STA 157+00.00 TO STA 159+65.51  
STA 217+13.68 TO STA 219+90.90  
STA 315+83.10 TO STA 317+50.00

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT OVERLAY, 3-1/4"±
- (B) EXISTING HOT-MIX ASPHALT OVERLAY, 8-3/4"±
- (C) EXISTING HOT-MIX ASPHALT OVERLAY, 2-1/2"±
- (D) EXISTING PCC PAVEMENT, 8"±
- (E) EXISTING COMBINATION CURB AND GUTTER
- (F) EXISTING MEDIAN
- (G) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 1-1/2"±\*
- (H) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 7"±\*
- (I) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 3/4"±\*

\* THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

**PROPOSED LEGEND**

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"
- (2) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (3) PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- (4) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"

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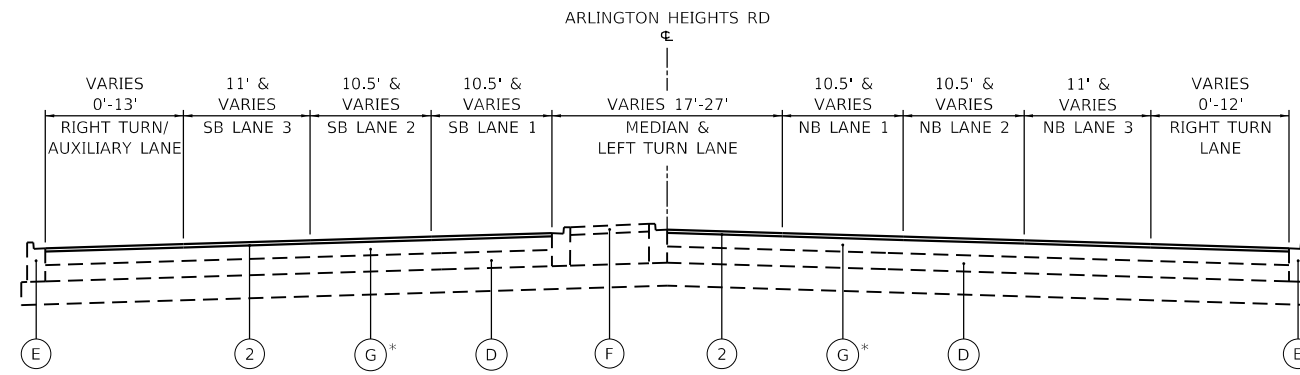
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
TYPICAL SECTIONS**

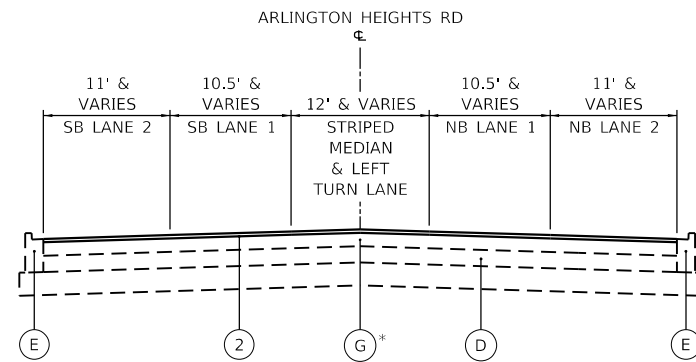
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62L93				
ILLINOIS		FED. AID PROJECT		



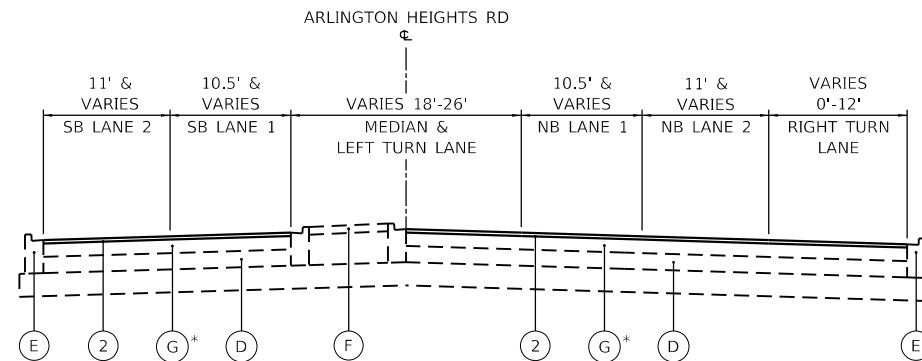
**ARLINGTON HEIGHTS RD PROPOSED TYPICAL CROSS SECTION**

STA 15+65.79 TO STA 54+65.96  
 STA 77+44.86 TO STA 101+32.19  
 STA 103+72.10 TO STA 112+32.30



**ARLINGTON HEIGHTS RD PROPOSED TYPICAL CROSS SECTION**

STA 112+32.30 TO STA 150+39.90



**ARLINGTON HEIGHTS RD PROPOSED TYPICAL CROSS SECTION**

STA 150+39.90 TO STA 157+00.00

**OMISSIONS**

STA 54+65.96 TO STA 77+44.86  
 STA 101+32.19 TO STA 103+72.10  
 STA 157+00.00 TO STA 159+65.51  
 STA 217+13.68 TO STA 219+90.90  
 STA 315+83.10 TO STA 317+50.00

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT OVERLAY, 3-1/4"±
- (B) EXISTING HOT-MIX ASPHALT OVERLAY, 8-3/4"±
- (C) EXISTING HOT-MIX ASPHALT OVERLAY, 2-1/2"±
- (D) EXISTING PCC PAVEMENT, 8"±
- (E) EXISTING COMBINATION CURB AND GUTTER
- (F) EXISTING MEDIAN
- (G) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 1-1/2"±\*
- (H) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 7"±\*
- (I) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 3/4"±\*

\* THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

**PROPOSED LEGEND**

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"
- (2) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (3) PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- (4) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"

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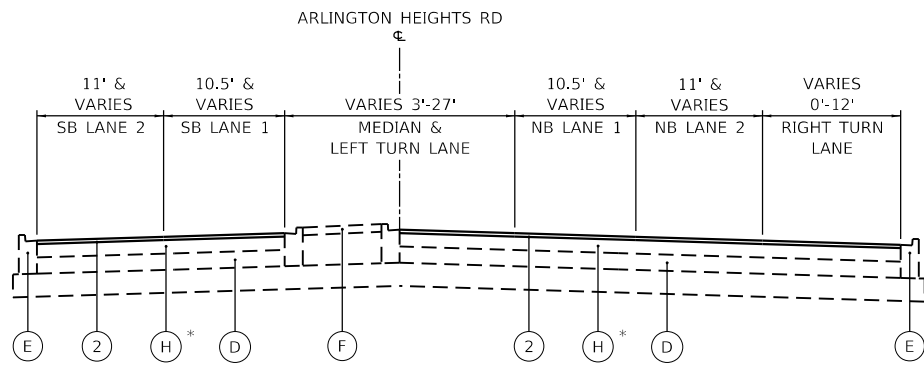
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 TYPICAL SECTIONS**

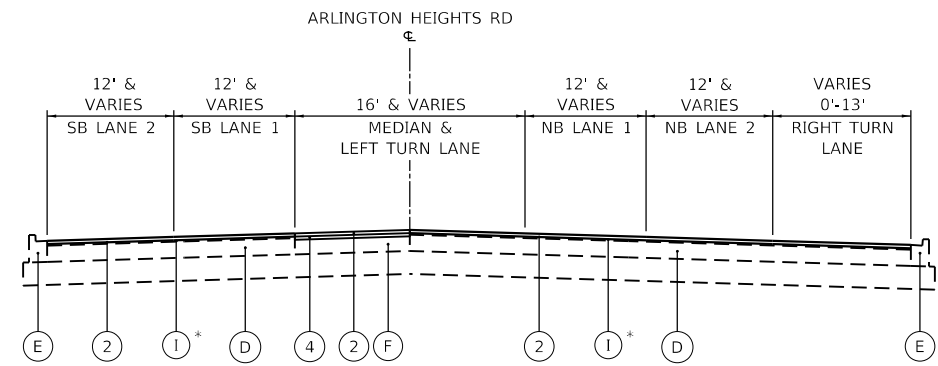
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CONTRACT NO. 62L93				
ILLINOIS		FED. AID PROJECT		



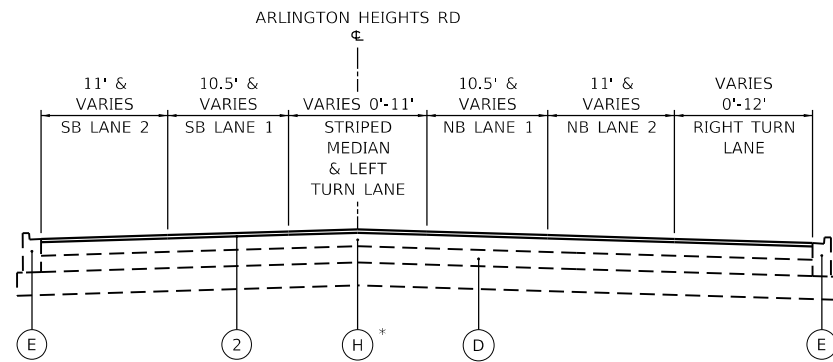
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STA 159+65.51 TO STA 164+56.42



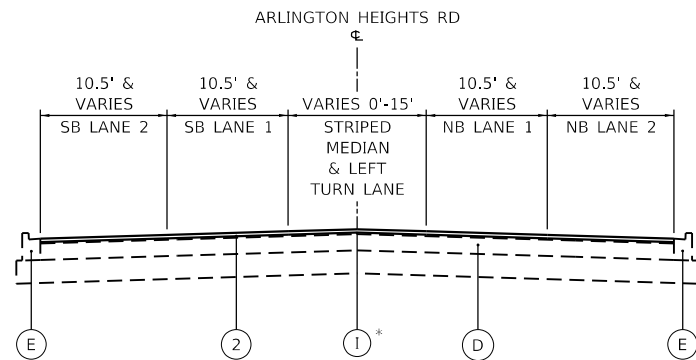
**ARLINGTON HEIGHTS RD PROPOSED TYPICAL CROSS SECTION**

STA 311+68.26 TO STA 315+83.10



**ARLINGTON HEIGHTS RD PROPOSED TYPICAL CROSS SECTION**

STA 164+56.42 TO STA 217+13.68  
STA 219+90.90 TO STA 295+26.55



**ARLINGTON HEIGHTS RD PROPOSED TYPICAL CROSS SECTION**

STA 295+26.55 TO STA 311+68.26

**OMISSIONS**

STA 54+65.96 TO STA 77+44.86  
STA 101+32.19 TO STA 103+72.10  
STA 157+00.00 TO STA 159+65.51  
STA 217+13.68 TO STA 219+90.90  
STA 315+83.10 TO STA 317+50.00

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT OVERLAY, 3-1/4"±
- (B) EXISTING HOT-MIX ASPHALT OVERLAY, 8-3/4"±
- (C) EXISTING HOT-MIX ASPHALT OVERLAY, 2-1/2"±
- (D) EXISTING PCC PAVEMENT, 8"±
- (E) EXISTING COMBINATION CURB AND GUTTER
- (F) EXISTING MEDIAN
- (G) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 1-1/2"±\*
- (H) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 7"±\*
- (I) EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING, 3/4"±\*

\* THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

**PROPOSED LEGEND**

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"
- (2) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (3) PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- (4) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"

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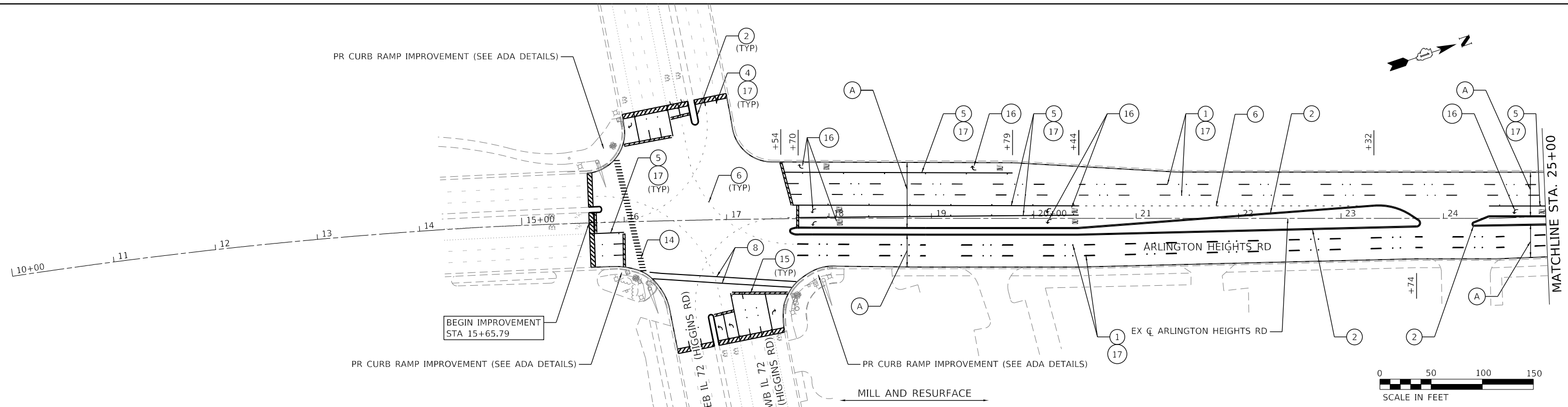
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62L93				
		ILLINOIS	FED. AID PROJECT	



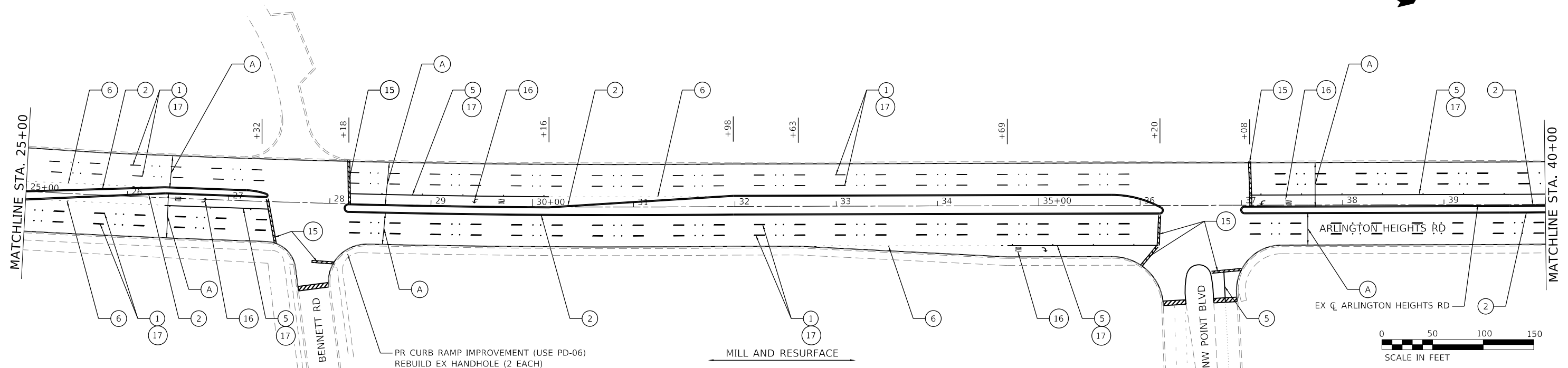


**ROADWAY WORK LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (B) MEDIAN REMOVAL PARTIAL DEPTH  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"  
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'

**PAVEMENT MARKING LEGEND**

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
- 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- 3 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C)
- 4 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, YELLOW)
- 5 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- 6 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (2' - DASH, 6' - SKIP, WHITE)
- 7 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (8' - SPACING, 45° DIAGONAL, WHITE)
- 8 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (PEDESTRIAN CROSSWALK)
- 9 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- 10 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- 11 NOT USED
- 12 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (20' - SPACING, 45° DIAGONAL, WHITE)
- 13 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (75' - SPACING, 45° DIAGONAL, YELLOW)
- 14 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SCHOOL CROSSWALK)
- 15 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- 16 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- 17 RAISED REFLECTIVE PAVEMENT MARKINGS
- 18 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

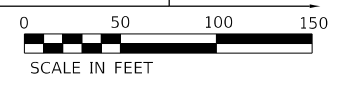
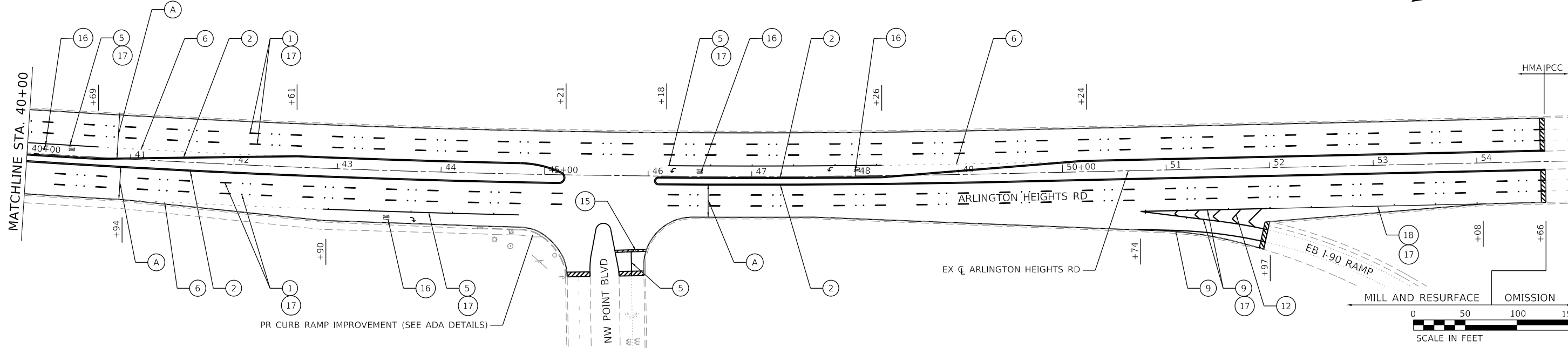
**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)**  
**ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	17
CONTRACT NO. 62L93				
ILLINOIS		FED. AID PROJECT		

MATCHLINE STA. 40+00

MATCHLINE STA. 55+00



**ROADWAY WORK LEGEND**

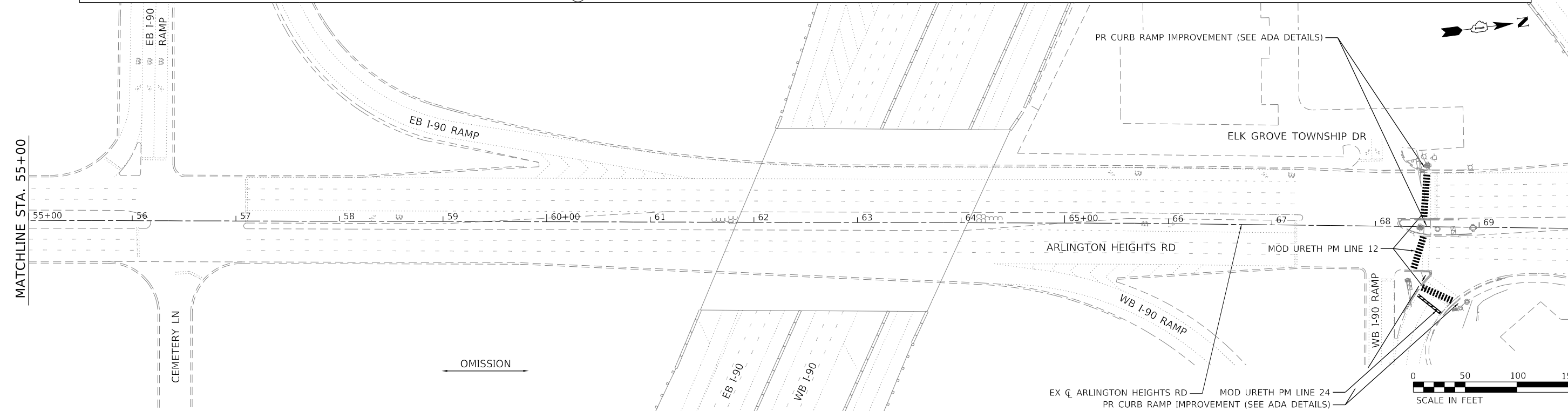
- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (B) MEDIAN REMOVAL PARTIAL DEPTH  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"  
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'

**PAVEMENT MARKING LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (2' - DASH, 6' - SKIP, WHITE)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (8' - SPACING, 45° DIAGONAL, WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (PEDESTRIAN CROSSWALK)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑪ NOT USED
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (20' - SPACING, 45° DIAGONAL, WHITE)
- ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (75' - SPACING, 45° DIAGONAL, YELLOW)
- ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SCHOOL CROSSWALK)
- ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑯ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑰ RAISED REFLECTIVE PAVEMENT MARKINGS
- ⑱ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)

MATCHLINE STA. 55+00

MATCHLINE STA. 70+00



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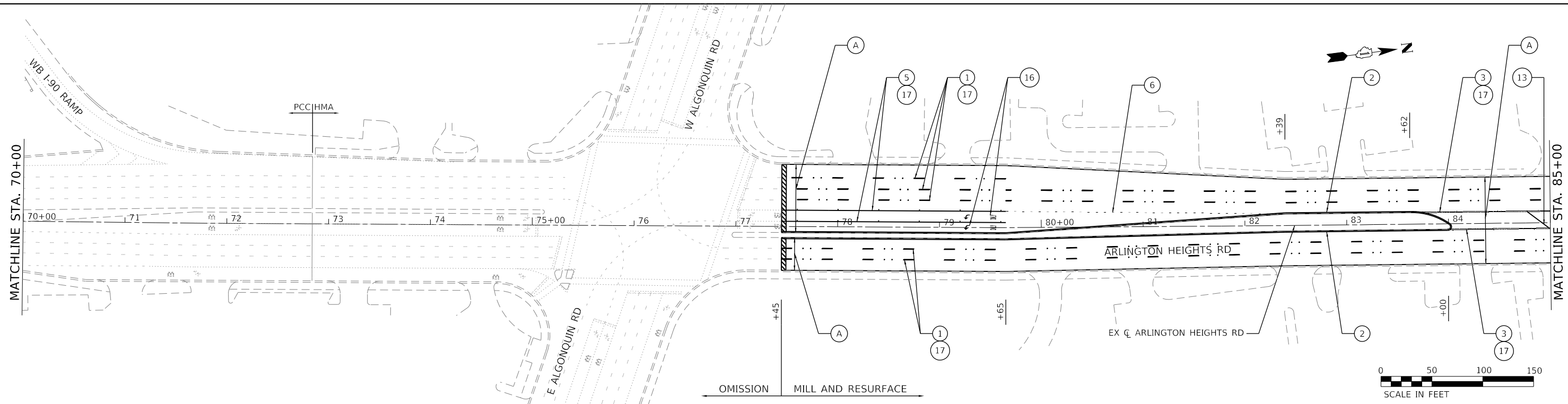
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62L93			ILLINOIS FED. AID PROJECT	

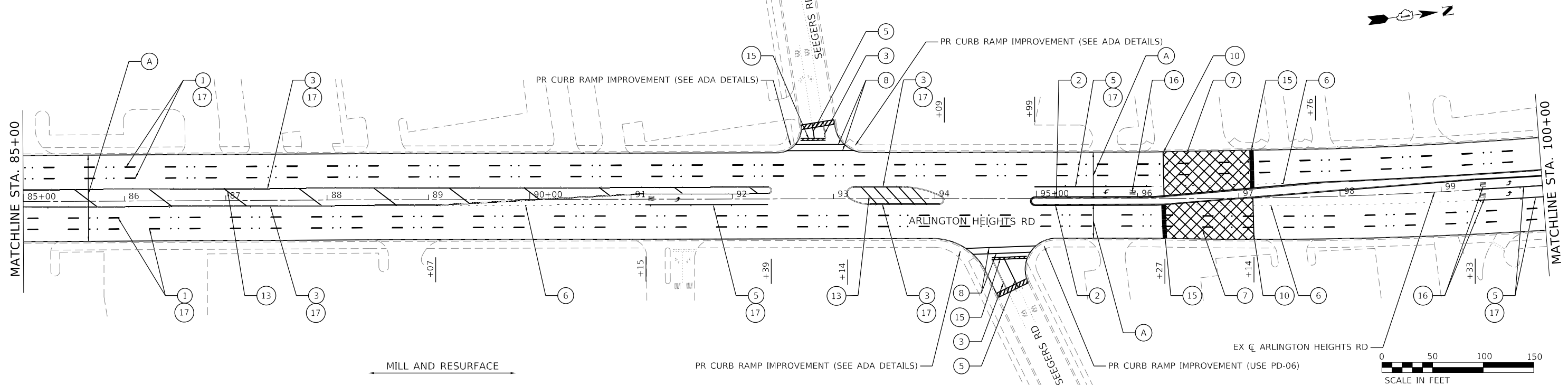


**ROADWAY WORK LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (B) MEDIAN REMOVAL PARTIAL DEPTH  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"  
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'

**PAVEMENT MARKING LEGEND**

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
- 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
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- 15 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- 16 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- 17 RAISED REFLECTIVE PAVEMENT MARKINGS
- 18 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)



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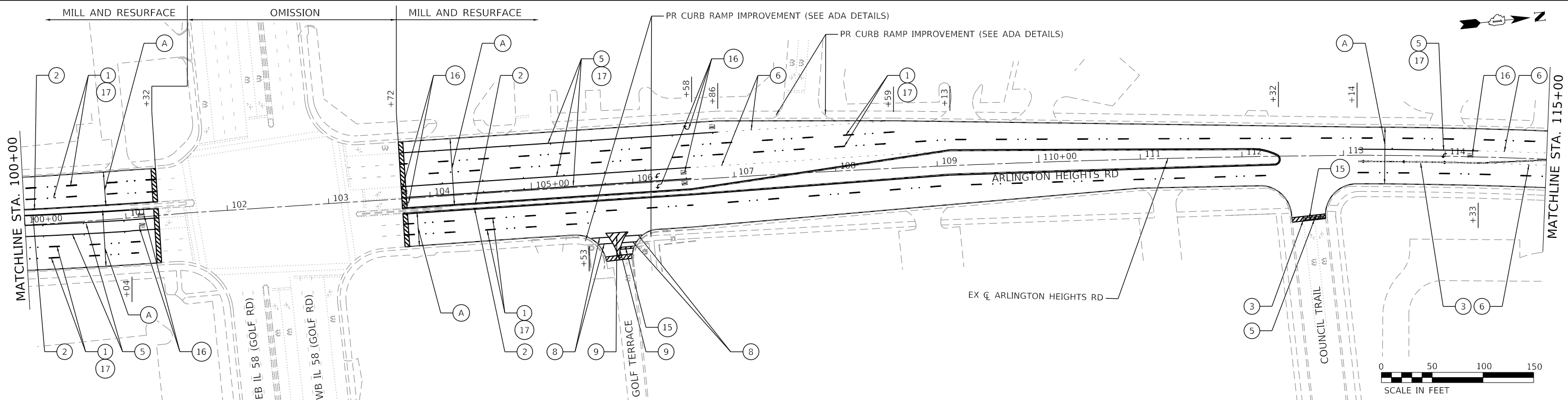
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)**  
**ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62L93				
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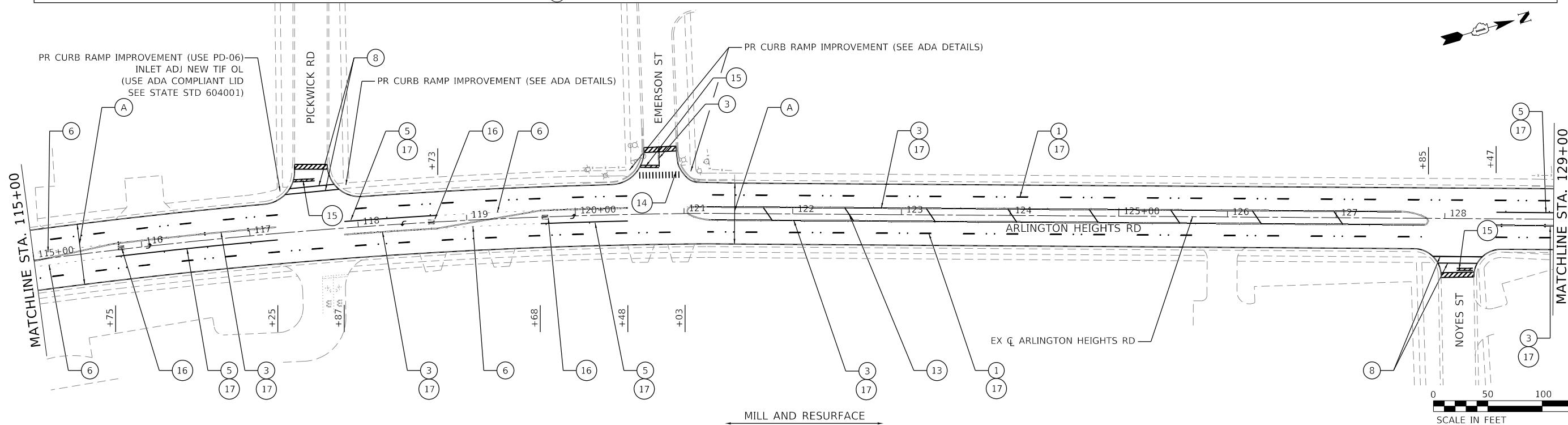


**ROADWAY WORK LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (B) MEDIAN REMOVAL PARTIAL DEPTH  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"  
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'

**PAVEMENT MARKING LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C)
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- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑪ NOT USED
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (20' - SPACING, 45° DIAGONAL, WHITE)
- ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (75' - SPACING, 45° DIAGONAL, YELLOW)
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- ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑯ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑰ RAISED REFLECTIVE PAVEMENT MARKINGS
- ⑱ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)



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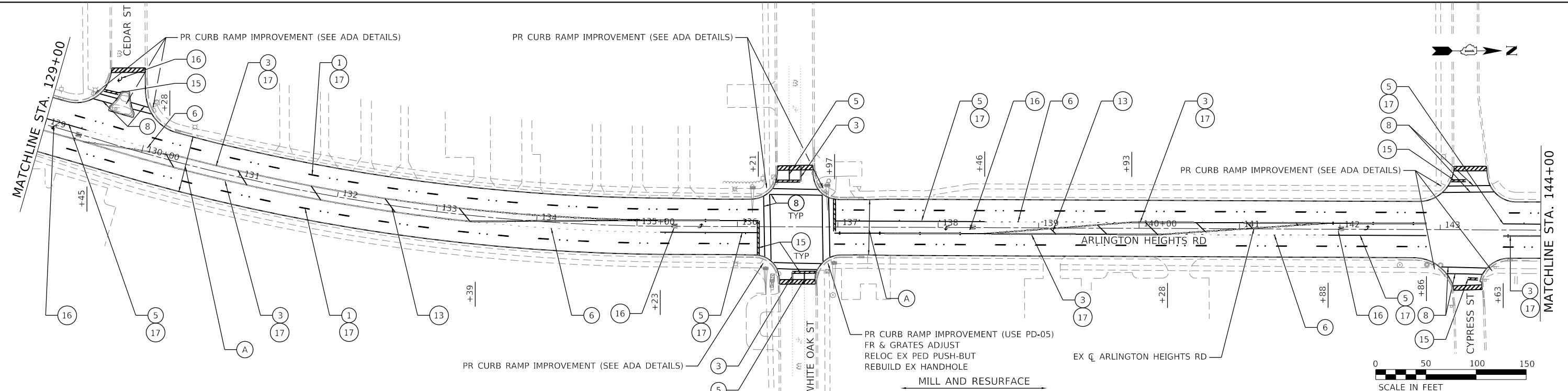
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2626	SECTION 2020-115-R5&SW	COUNTY COOK	TOTAL SHEETS 129	SHEET NO. 20
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

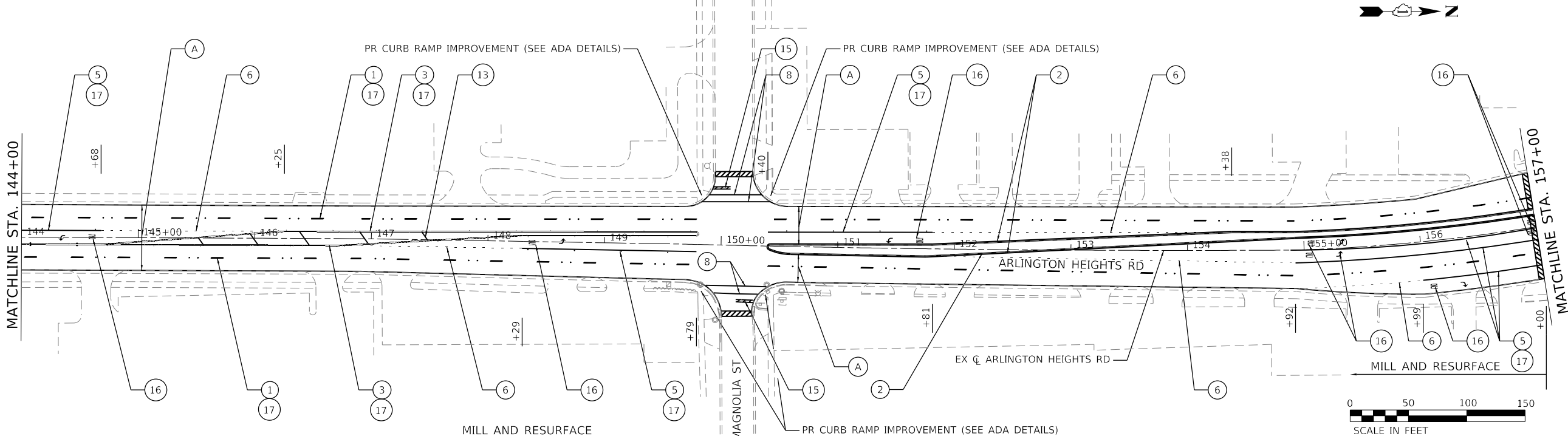


**ROADWAY WORK LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (B) MEDIAN REMOVAL PARTIAL DEPTH POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'

**PAVEMENT MARKING LEGEND**

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
- 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- 3 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C)
- 4 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, YELLOW)
- 5 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- 6 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (2' - DASH, 6' - SKIP, WHITE)
- 7 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (8' - SPACING, 45° DIAGONAL, WHITE)
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- 13 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (75' - SPACING, 45° DIAGONAL, YELLOW)
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- 15 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- 16 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- 17 RAISED REFLECTIVE PAVEMENT MARKINGS
- 18 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)



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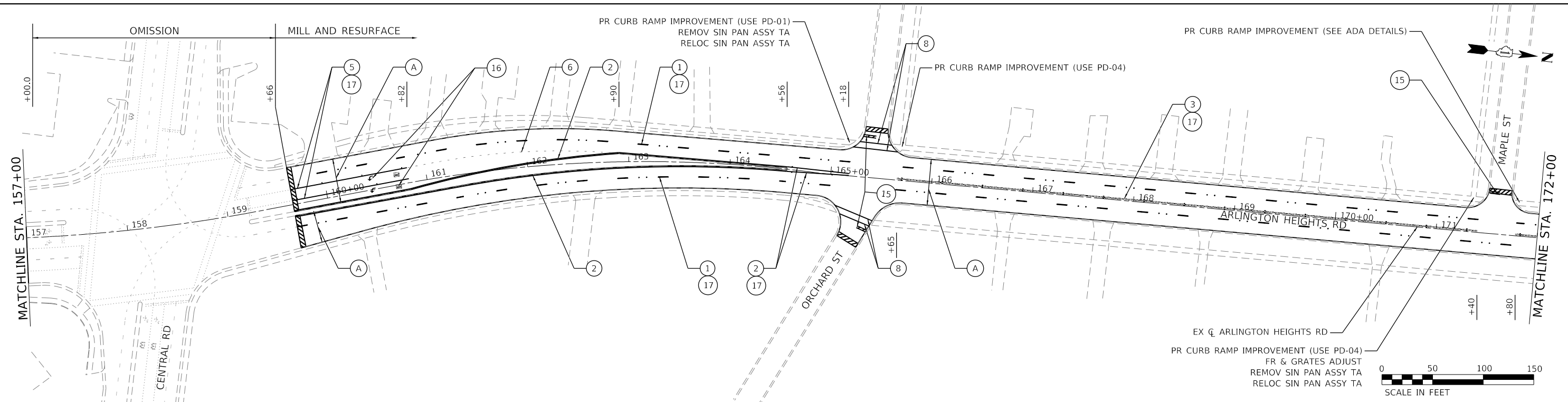
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	21
CONTRACT NO. 62L93				
ILLINOIS		FED. AID PROJECT		

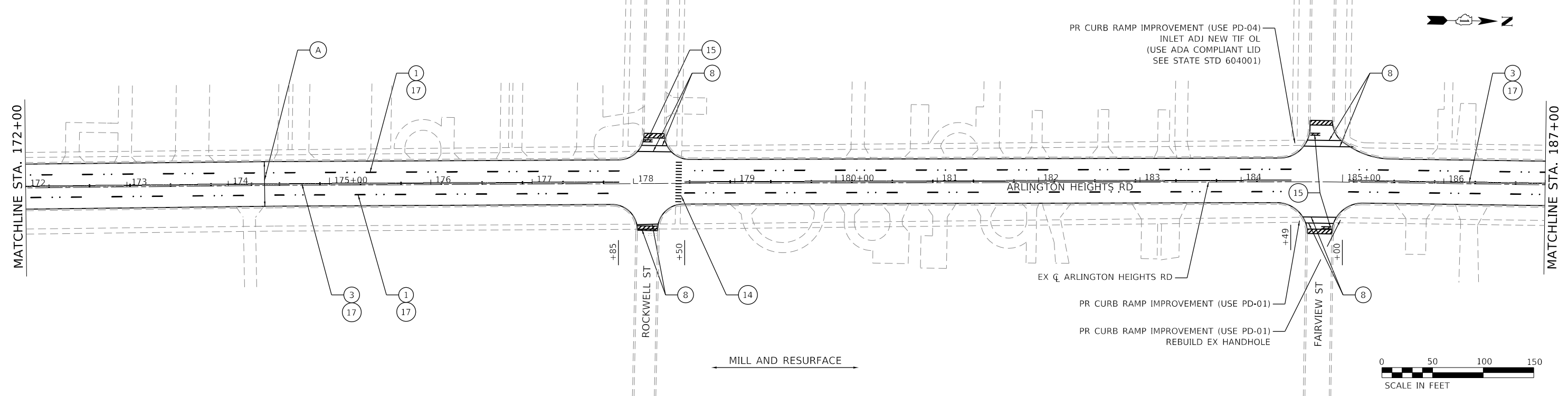


**ROADWAY WORK LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (B) MEDIAN REMOVAL PARTIAL DEPTH  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"  
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'

**PAVEMENT MARKING LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, YELLOW)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (2' - DASH, 6' - SKIP, WHITE)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (8' - SPACING, 45° DIAGONAL, WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (PEDESTRIAN CROSSWALK)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑪ NOT USED
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (20' - SPACING, 45° DIAGONAL, WHITE)
- ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (75' - SPACING, 45° DIAGONAL, YELLOW)
- ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SCHOOL CROSSWALK)
- ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑯ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑰ RAISED REFLECTIVE PAVEMENT MARKINGS
- ⑱ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)



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DRAWN - CS	REVISED -	
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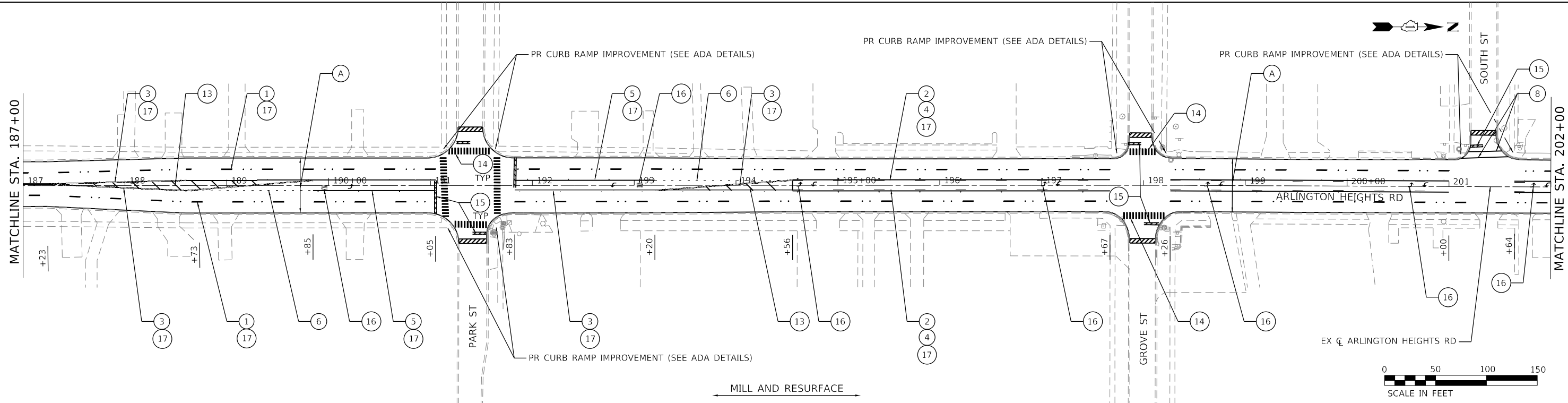
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ROADWAY AND PAVEMENT MARKING PLAN**

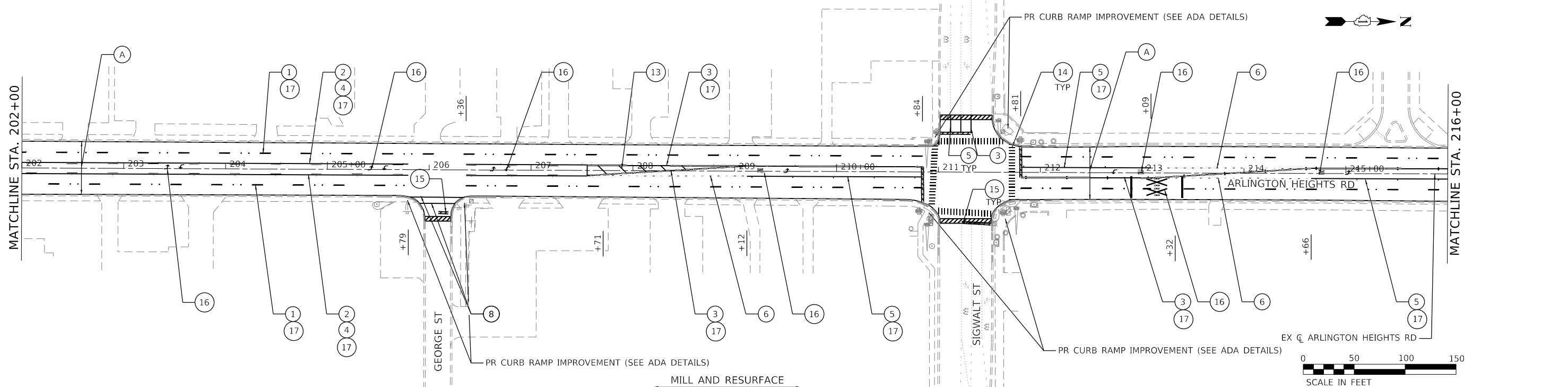
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	22
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

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ROADWAY WORK LEGEND		PAVEMENT MARKING LEGEND	
(A)	HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"	1	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
(B)	MEDIAN REMOVAL PARTIAL DEPTH POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"	2	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'	3	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C)
		4	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, YELLOW)
		5	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
		6	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (2' - DASH, 6' - SKIP, WHITE)
		7	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (8' - SPACING, 45° DIAGONAL, WHITE)
		8	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (PEDESTRIAN CROSSWALK)
		9	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
		10	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
		11	NOT USED
		12	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (20' - SPACING, 45° DIAGONAL, WHITE)
		13	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (75' - SPACING, 45° DIAGONAL, YELLOW)
		14	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SCHOOL CROSSWALK)
		15	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
		16	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
		17	RAISED REFLECTIVE PAVEMENT MARKINGS
		18	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)



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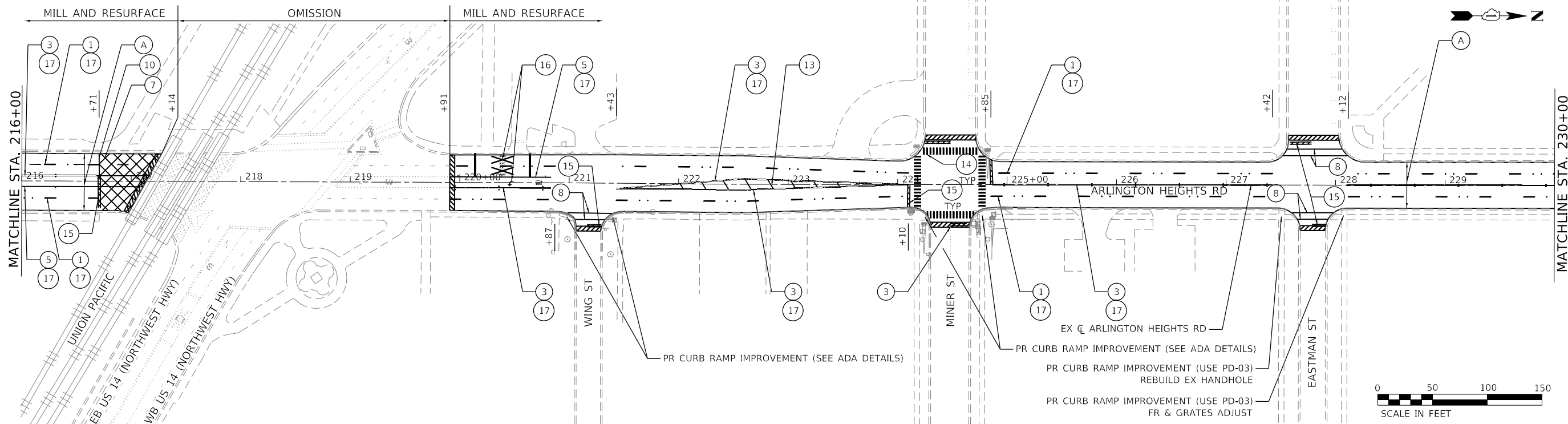
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PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)**  
**ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	23
CONTRACT NO. 62L93				
ILLINOIS		FED. AID PROJECT		

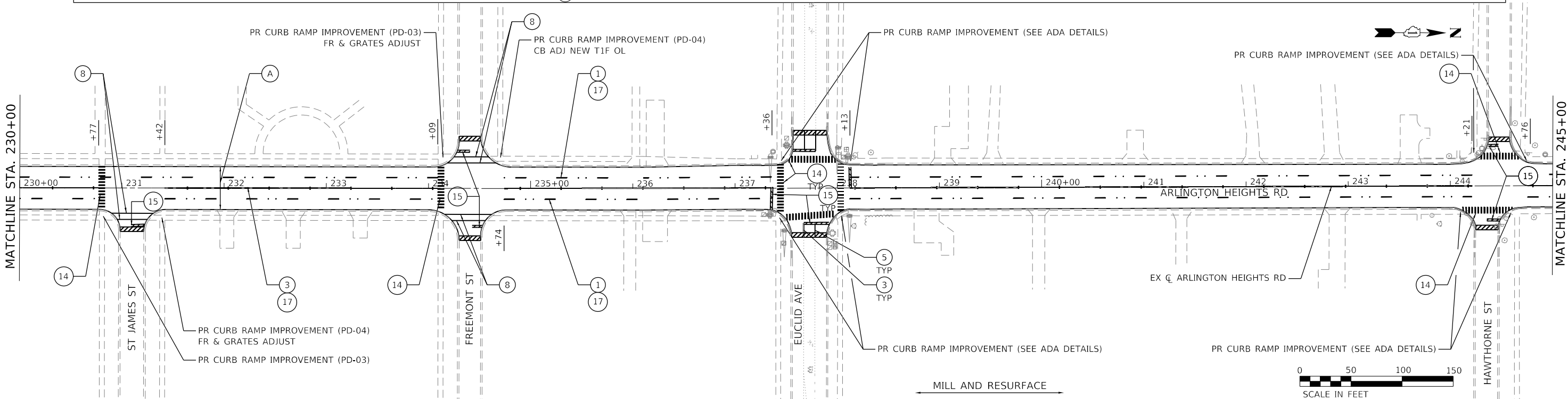


**ROADWAY WORK LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (B) MEDIAN REMOVAL PARTIAL DEPTH  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"  
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'

**PAVEMENT MARKING LEGEND**

- (1) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
- (2) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- (3) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C)
- (4) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, YELLOW)
- (5) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- (6) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (2' - DASH, 6' - SKIP, WHITE)
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- (9) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (10) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- (11) NOT USED
- (12) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (20' - SPACING, 45° DIAGONAL, WHITE)
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- (16) THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- (17) RAISED REFLECTIVE PAVEMENT MARKINGS
- (18) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ROADWAY AND PAVEMENT MARKING PLAN**

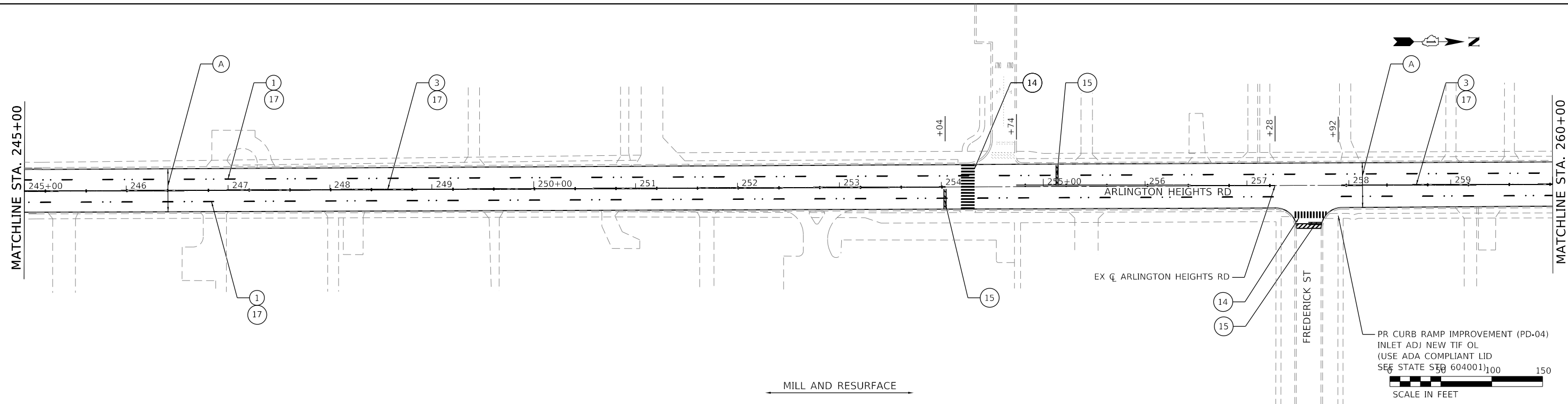
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	24
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 245+00

MATCHLINE STA. 260+00



PR CURB RAMP IMPROVEMENT (PD-04)  
 INLET ADJ NEW TIF OL  
 (USE ADA COMPLIANT LID  
 SEE STATE SPEC 604001) 100 150

SCALE IN FEET

**ROADWAY WORK LEGEND**

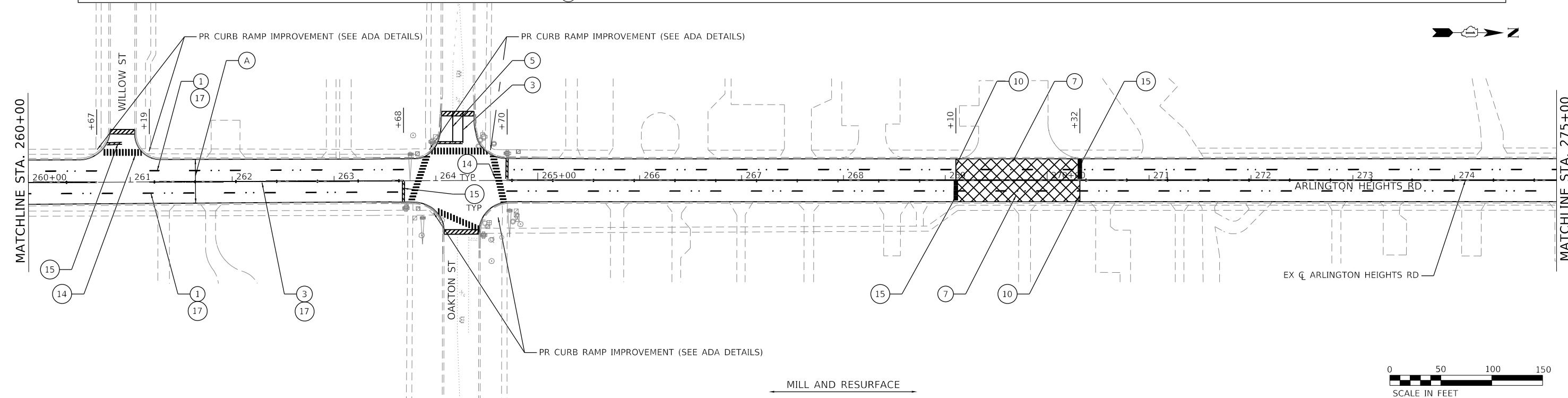
- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (B) MEDIAN REMOVAL PARTIAL DEPTH  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"  
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'

**PAVEMENT MARKING LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
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- ⑱ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)

MATCHLINE STA. 260+00

MATCHLINE STA. 275+00



SCALE IN FEET

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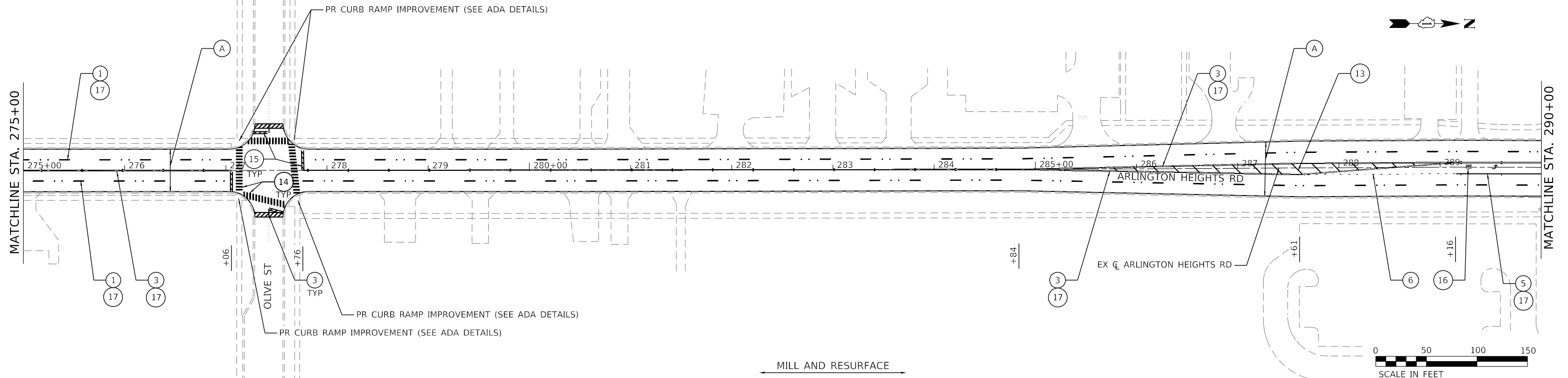
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	25
CONTRACT NO. 62L93				
ILLINOIS		FED. AID PROJECT		



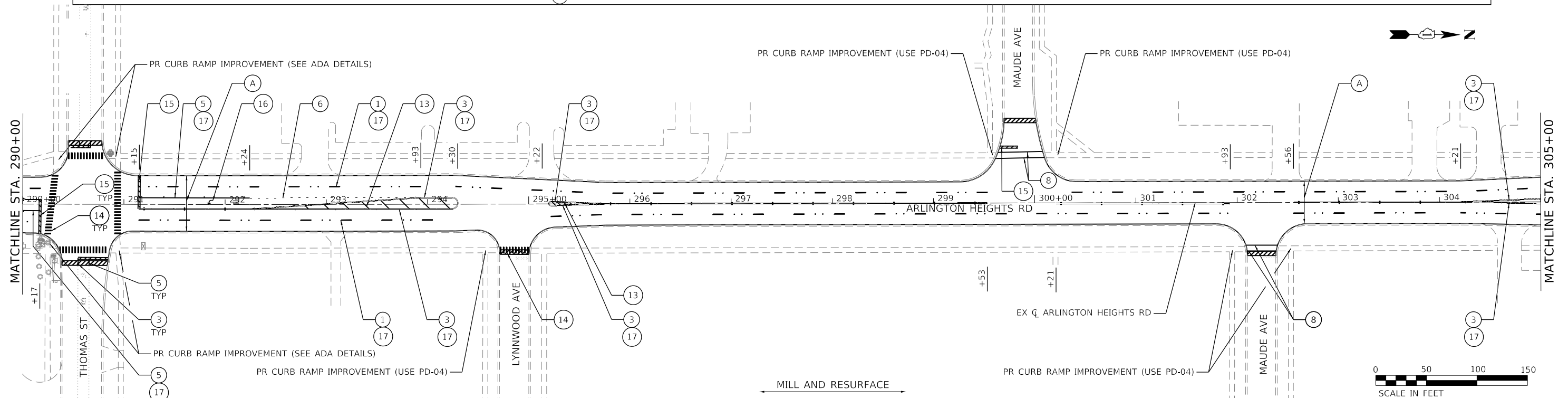
MILL AND RESURFACE

**ROADWAY WORK LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (B) MEDIAN REMOVAL PARTIAL DEPTH  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"  
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'

**PAVEMENT MARKING LEGEND**

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- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
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- ⑯ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑰ RAISED REFLECTIVE PAVEMENT MARKINGS
- ⑱ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)



MILL AND RESURFACE

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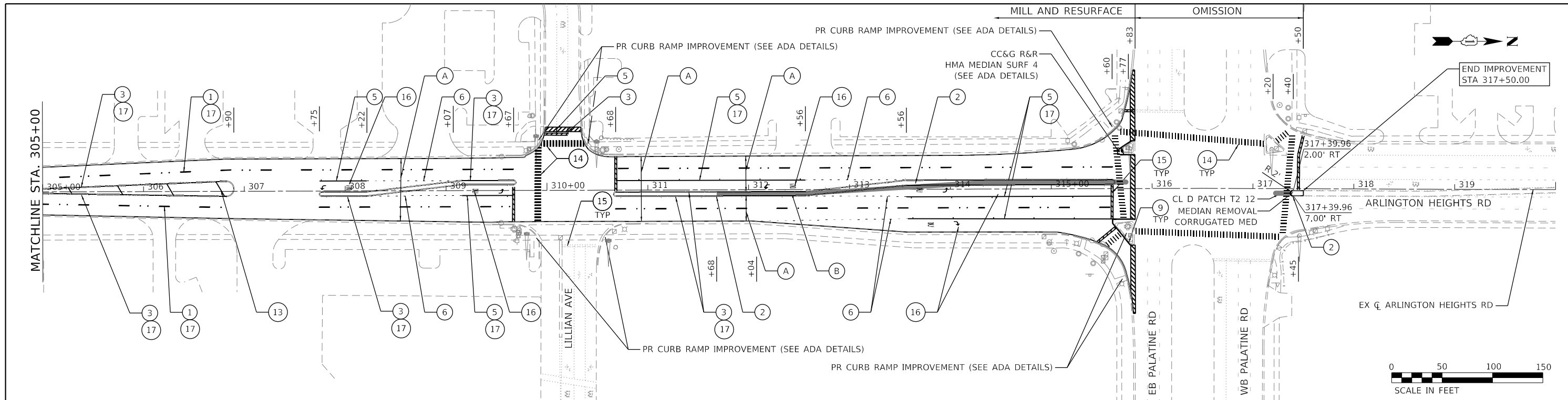
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	26
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



**ROADWAY WORK LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- (B) MEDIAN REMOVAL PARTIAL DEPTH  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"  
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 4.5'

**PAVEMENT MARKING LEGEND**

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
- 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- 3 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C)
- 4 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, YELLOW)
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- 6 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (2' - DASH, 6' - SKIP, WHITE)
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- 8 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (PEDESTRIAN CROSSWALK)
- 9 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- 10 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- 11 NOT USED
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- 17 RAISED REFLECTIVE PAVEMENT MARKINGS
- 18 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)

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PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)**  
**ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2626	SECTION 2020-115-R5&SW	COUNTY COOK	TOTAL SHEETS 129	SHEET NO. 27
			CONTRACT NO. 62L93	
		ILLINOIS FED. AID PROJECT		

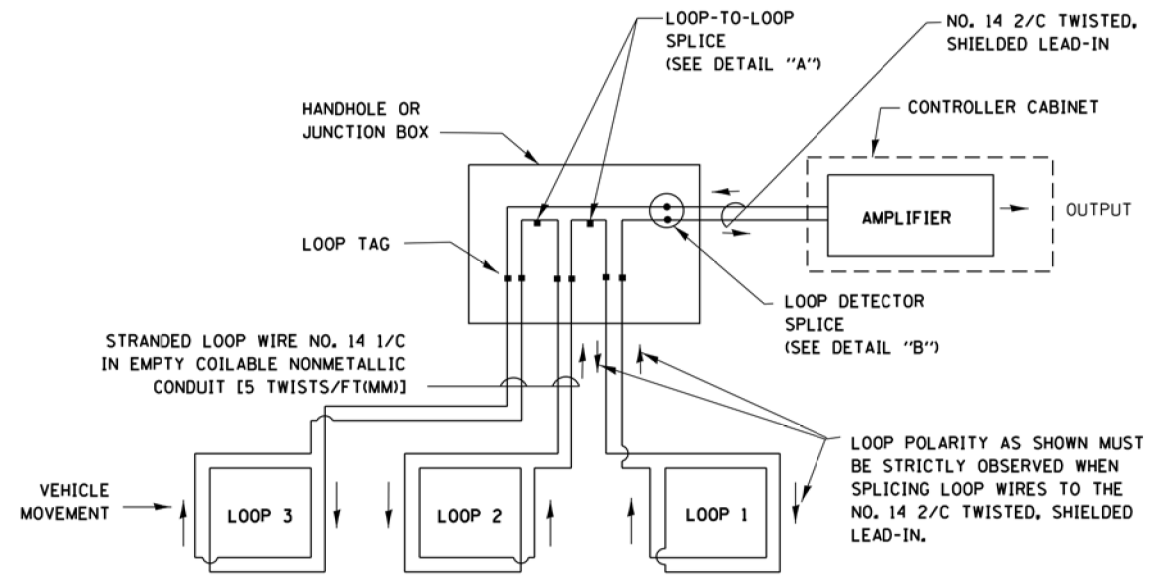
# TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		 	SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

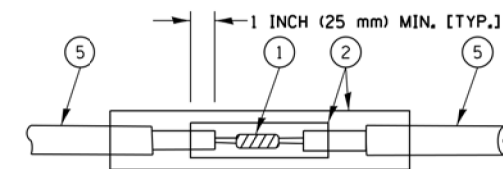
**LOOP DETECTOR NOTES**

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

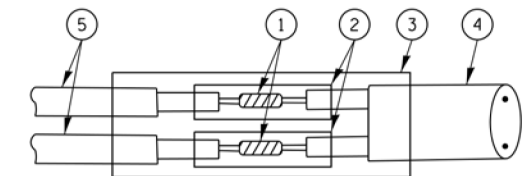


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



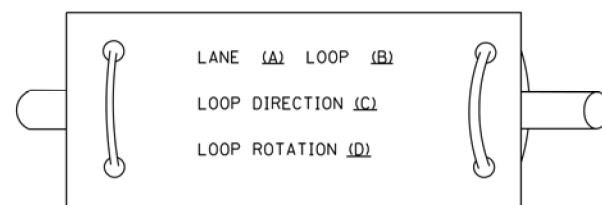
**DETAIL "A"  
LOOP-TO-LOOP SPLICE**



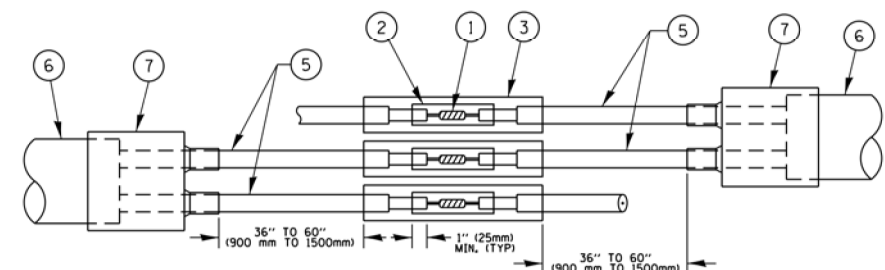
**DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE**

**TYPE I LOOP**

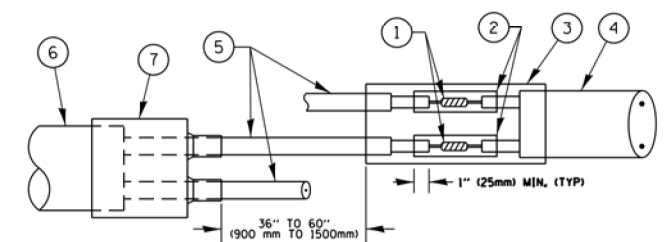
**LOOP LEAD-IN CABLE TAG**



- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



**DETAIL "A"  
LOOP-TO-LOOP SPLICE**



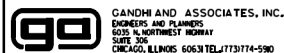
**DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE**

**PRE-FORMED LOOP**

**LOOP DETECTOR SPLICE**

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH, THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PRE-FORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

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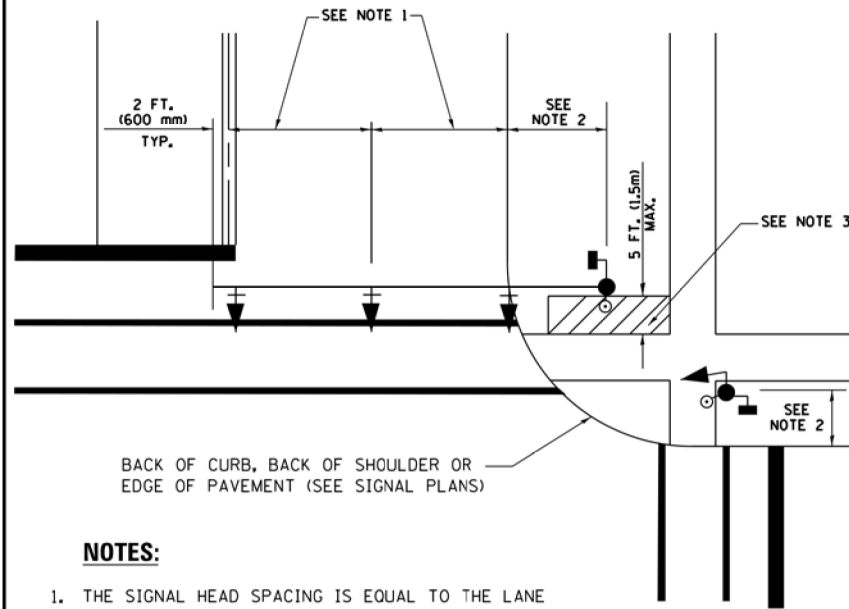
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62L93			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

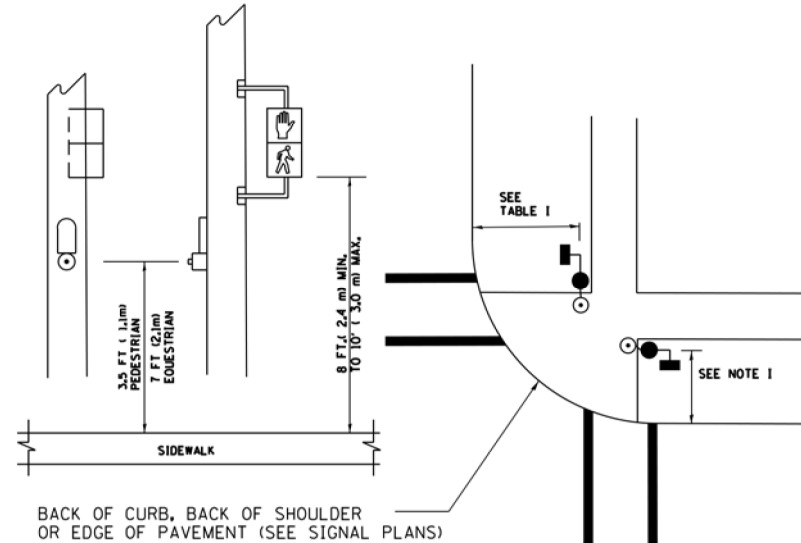
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST  
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR  
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN  
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



**NOTES:**

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

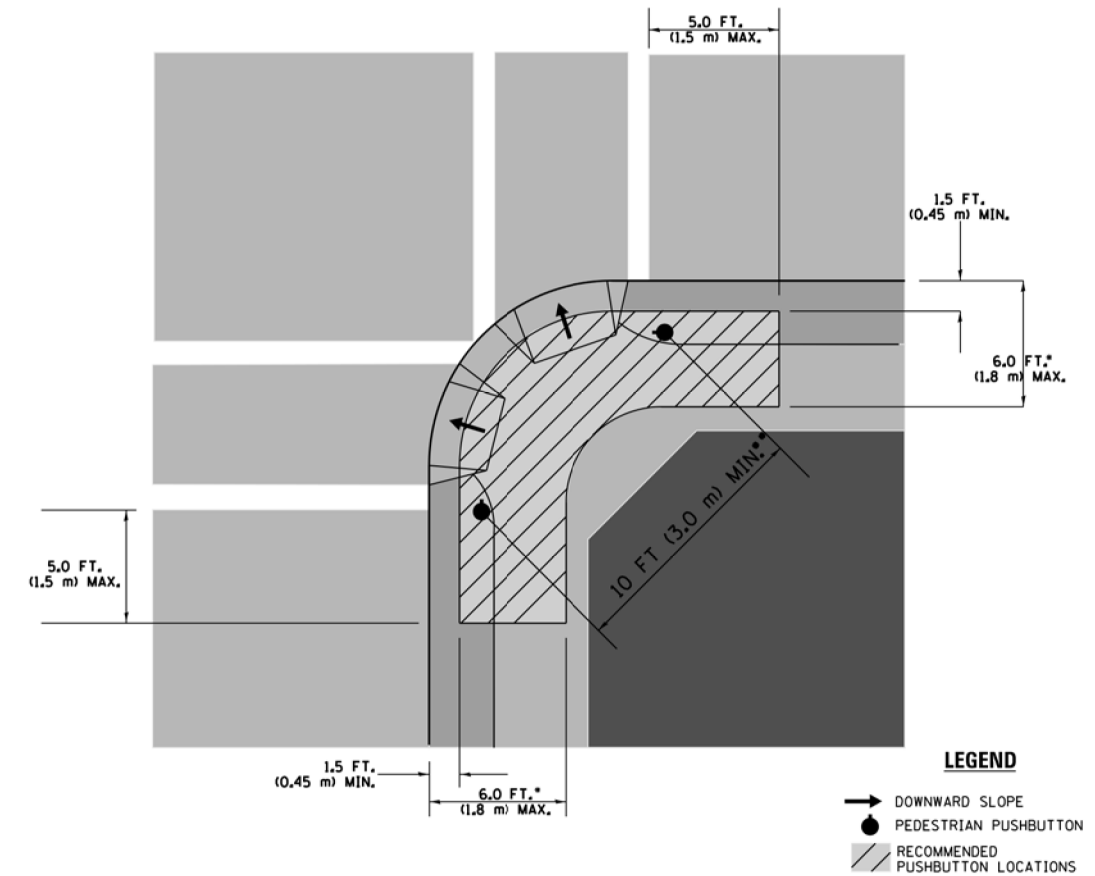
**PEDESTRIAN SIGNAL POST  
AND  
PEDESTRIAN PUSH BUTTON POST**



**NOTES:**

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

**RECOMMENDED PUSHBUTTON LOCATIONS**



**LEGEND**

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

**NOTES:**

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

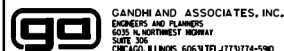
**TRAFFIC SIGNAL EQUIPMENT OFFSET**

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

**NOTES:**

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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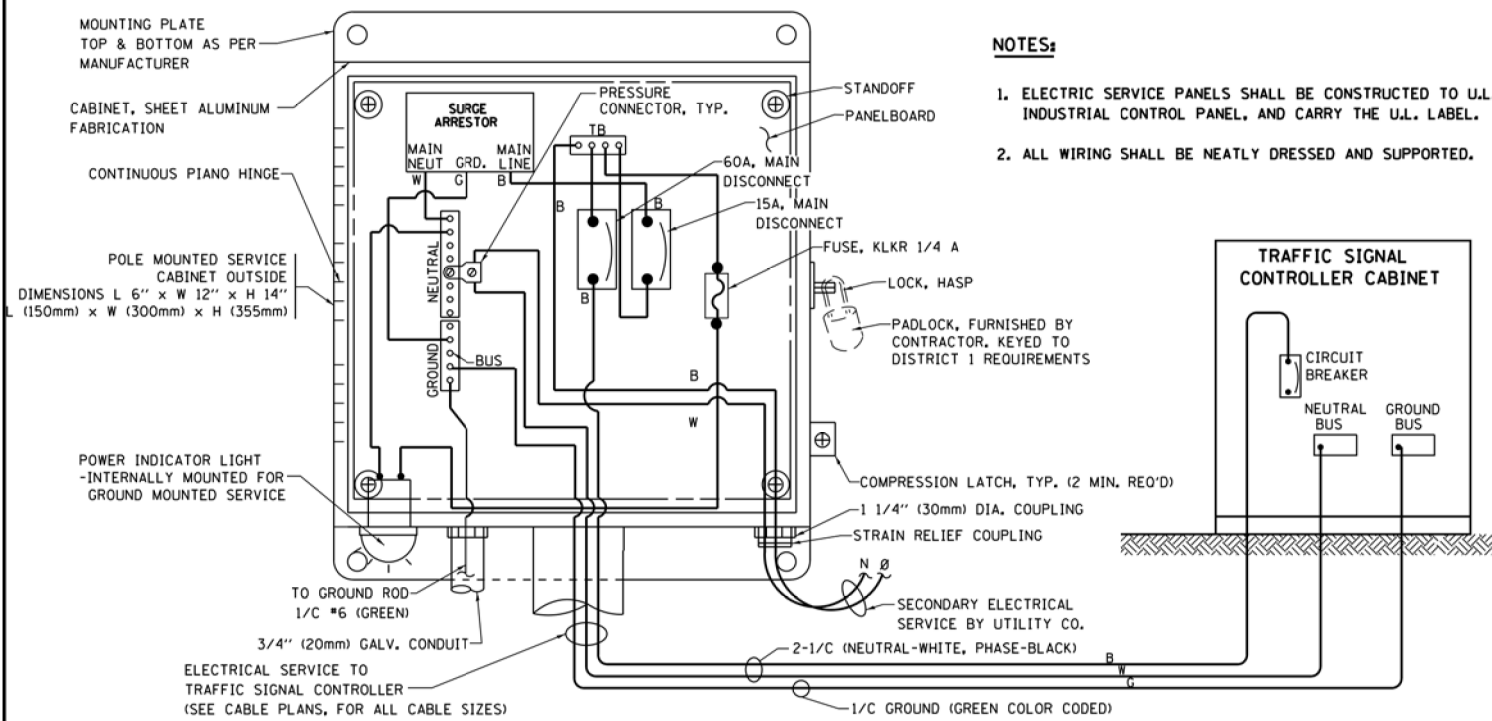
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

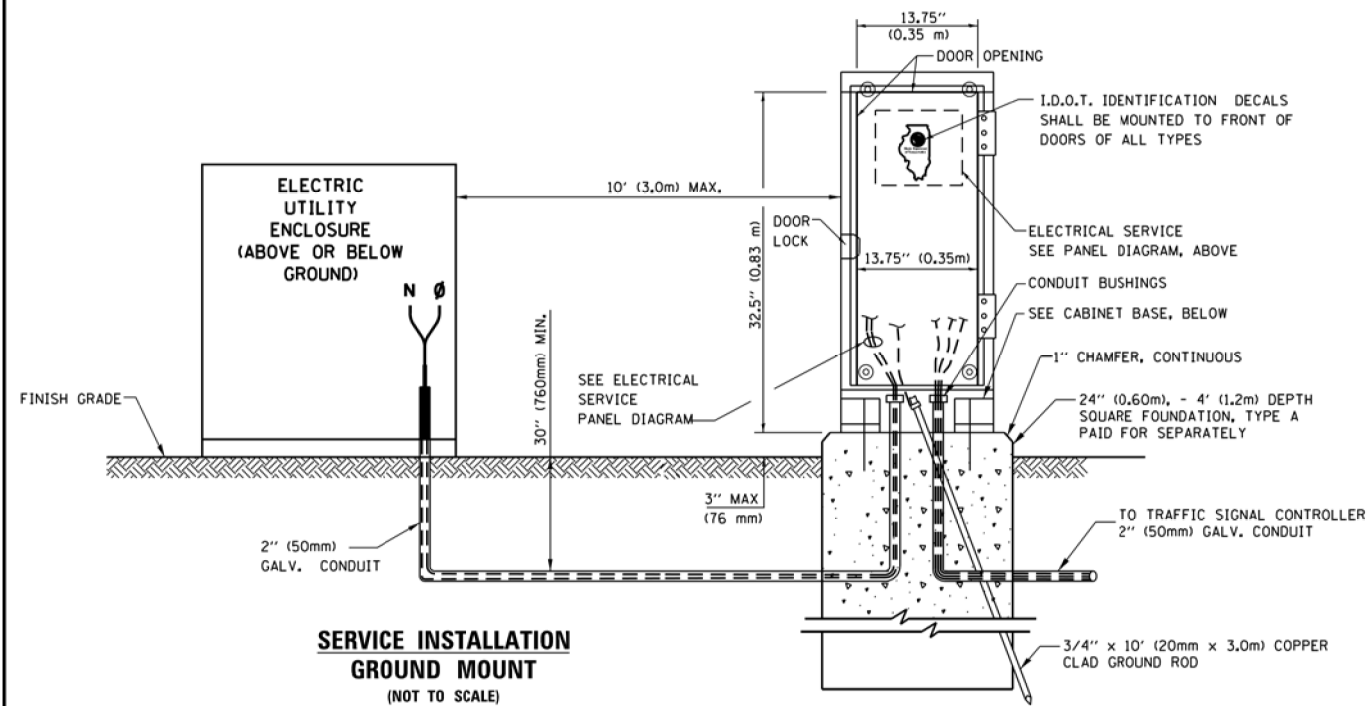
**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

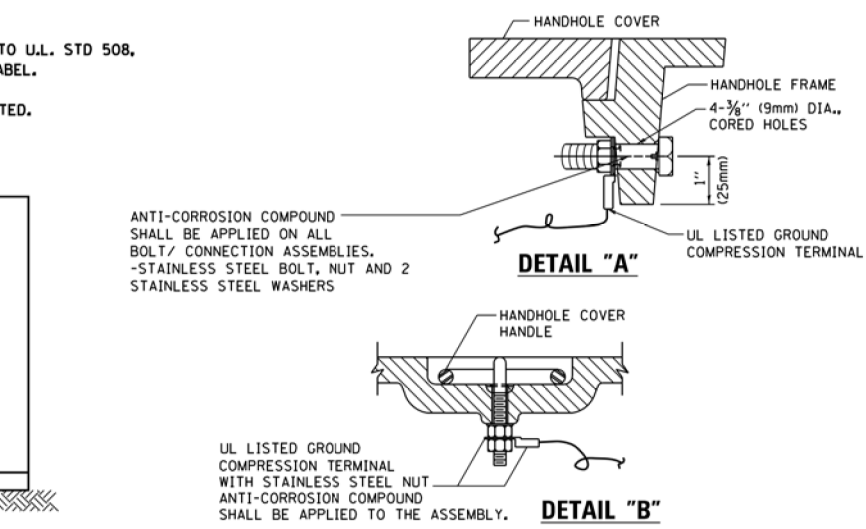
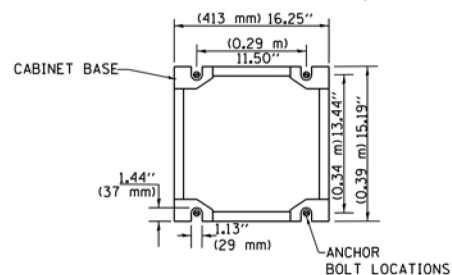
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-RS&SW	COOK	129	30
CONTRACT NO. 62L93			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT	



**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)  
SERVICE INSTALLATION POLE MOUNT (SHOWN)  
(NOT TO SCALE)**

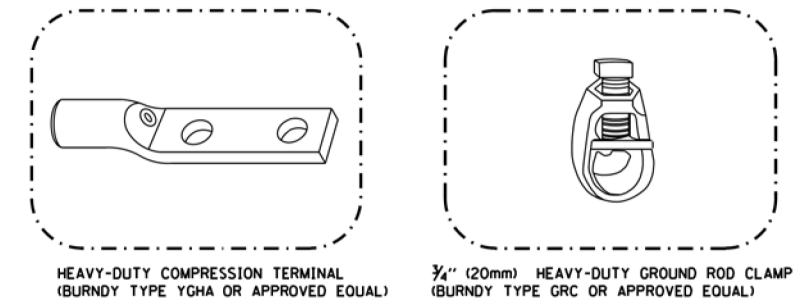
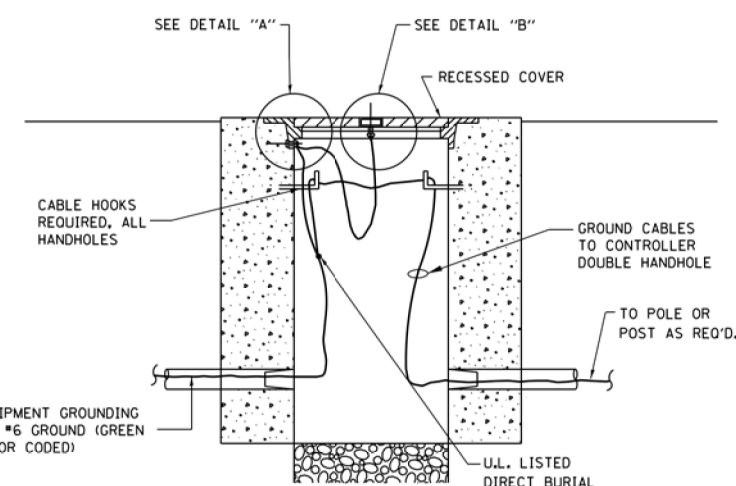


**CABINET - BASE BOLT PATTERN (NOT TO SCALE)**



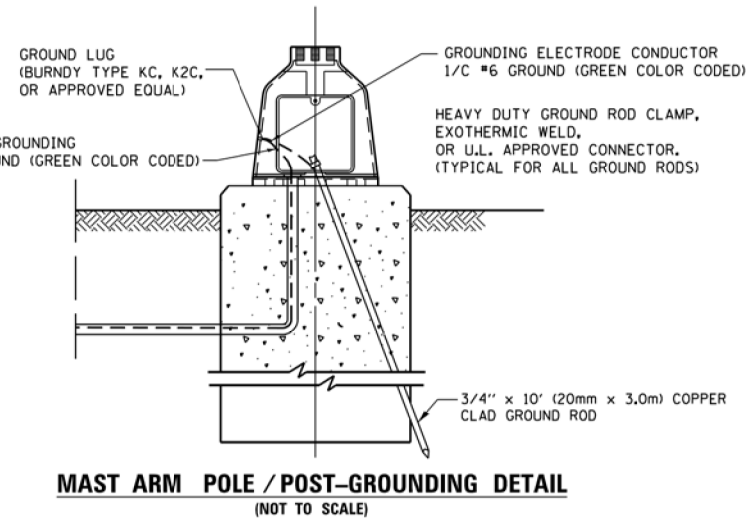
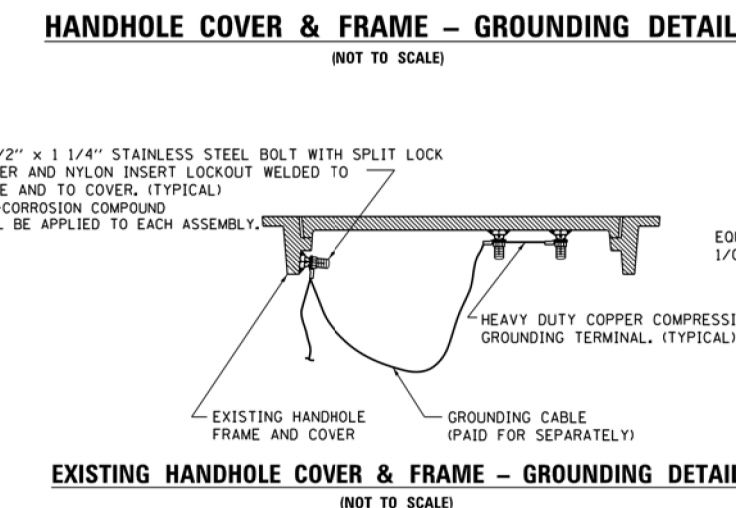
**NOTES:  
GROUNDING SYSTEM**

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



**NOTES:**

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



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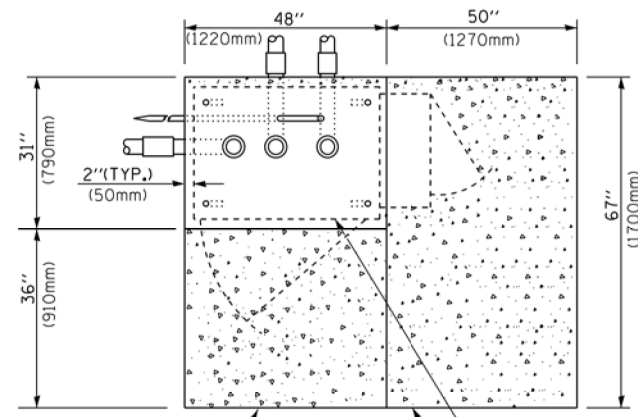
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

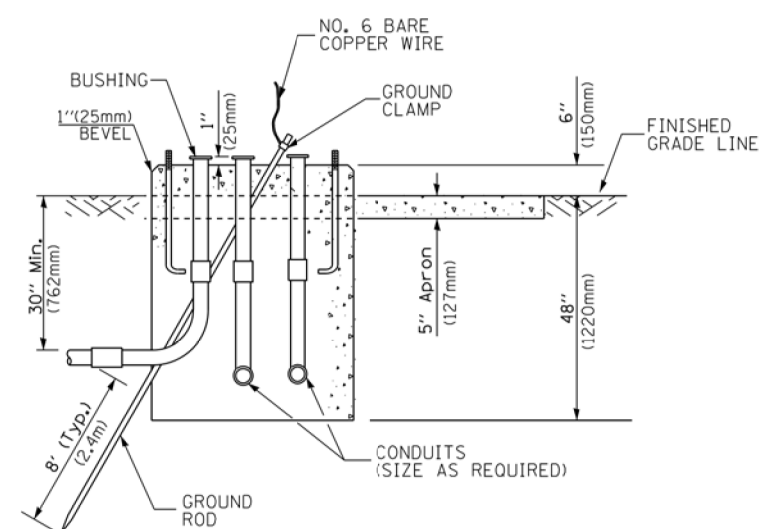
**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

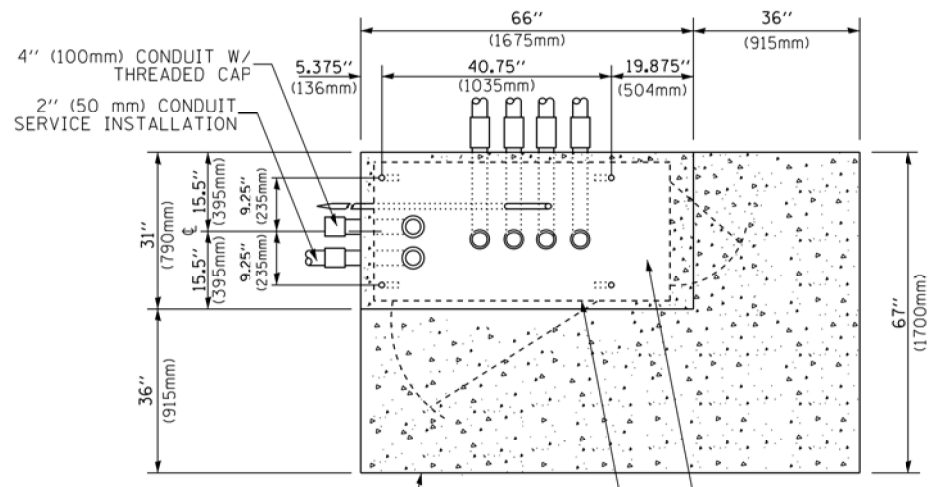
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62L93				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



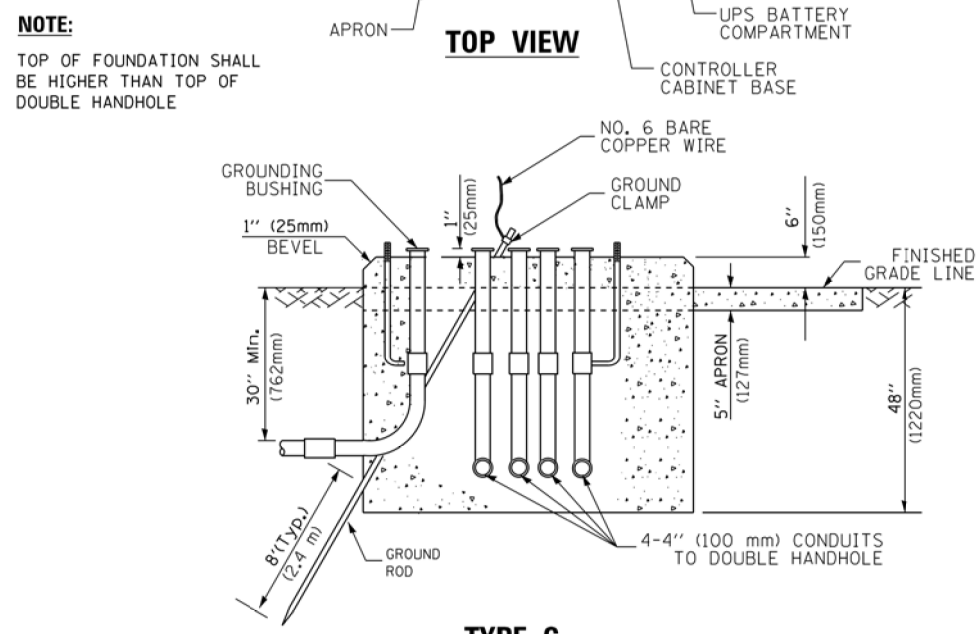
**TOP VIEW**



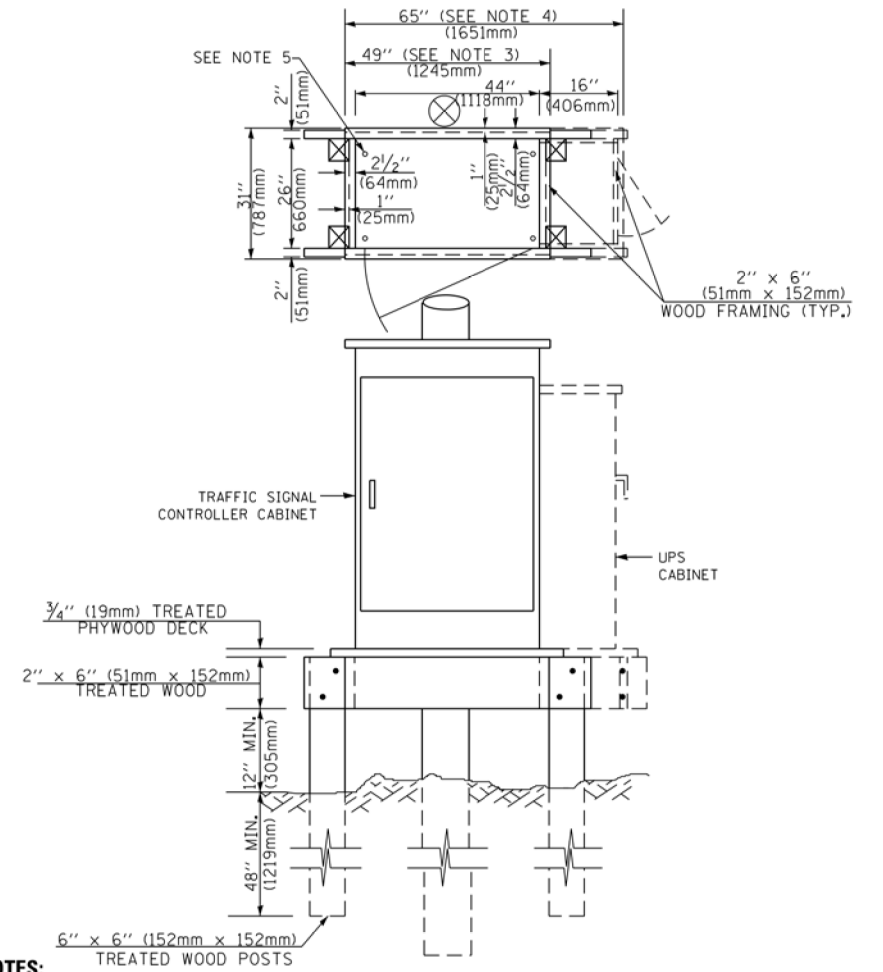
**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**



**TOP VIEW**



**TYPE C  
FOR GROUND MOUNTED  
SUPER P (TYPE IV) AND SUPER R (TYPE V)  
CONTROLLER CABINETS**



**NOTES:**

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER  
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

**CABLE SLACK**

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

**VERTICAL CABLE LENGTH**

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

**DEPTH OF FOUNDATION**

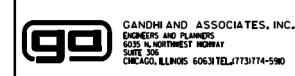
MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and up to 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

**NOTES:**

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**

FILE NAME = 01FILEL



USER NAME = *USER*	DESIGNED - EA	REVISED -
PLOT SCALE = *SCALE*	DRAWN - EA, AV	REVISED -
PLOT DATE = *DATE*	CHECKED - NT, MA	REVISED -
	DATE - 11/25/2020	REVISED -

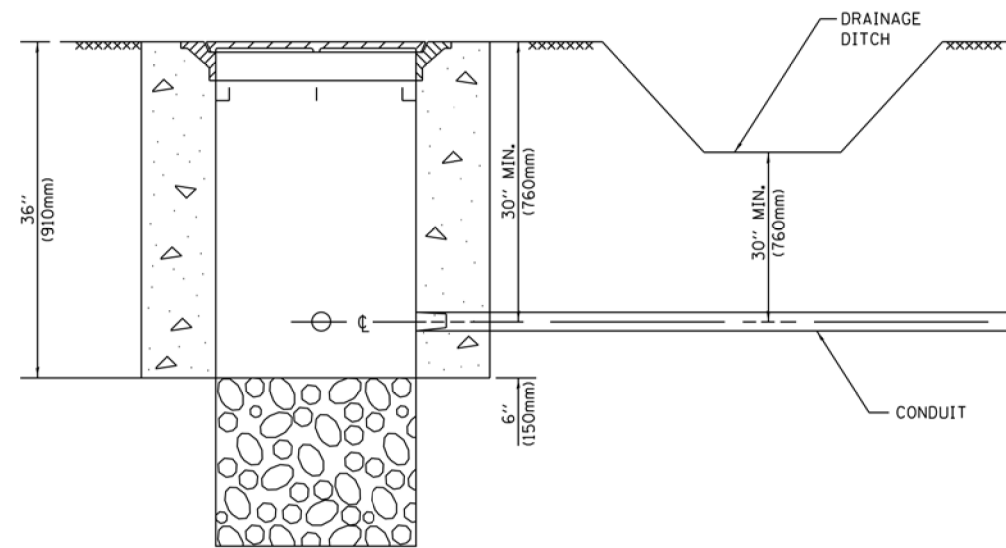
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-RS&SW	COOK	129	32
CONTRACT NO. 62L93				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

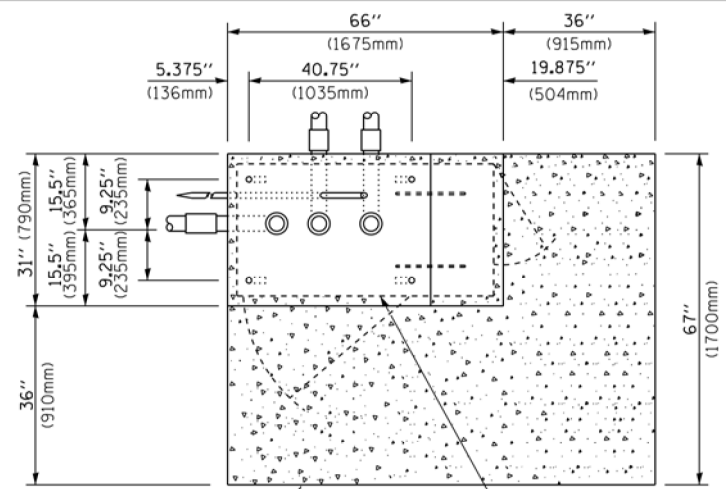




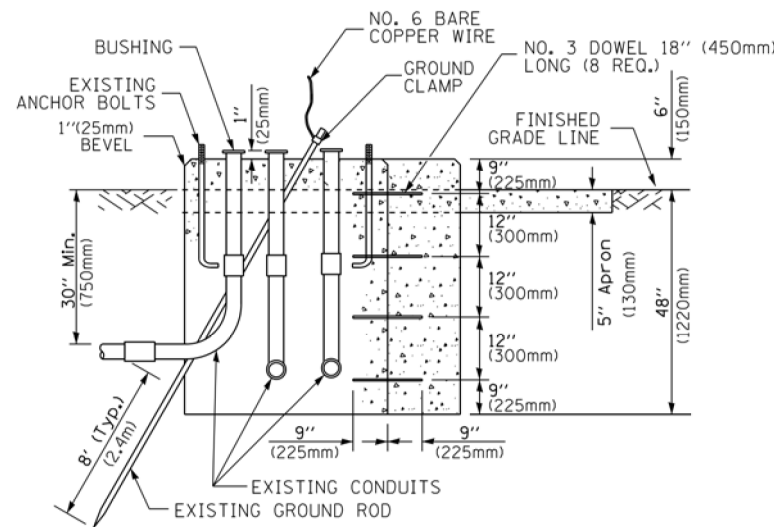
**NOTES:**

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

**HANDHOLE WITH MINIMUM CONDUIT DEPTH**  
(NOT TO SCALE)



**TOP VIEW**  
(NOT TO SCALE)

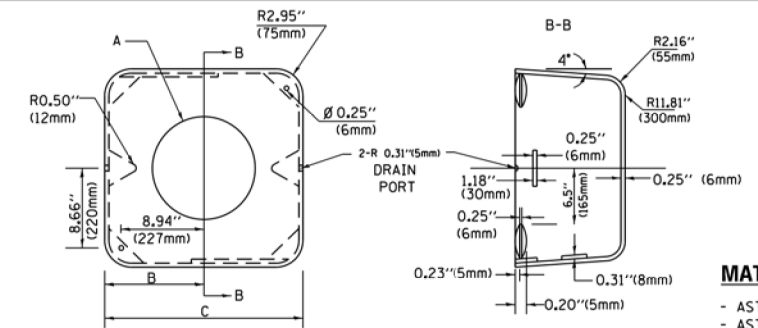


**MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION**  
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0,000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

**NOTES:**

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT  
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT  
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



**MATERIAL:**

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

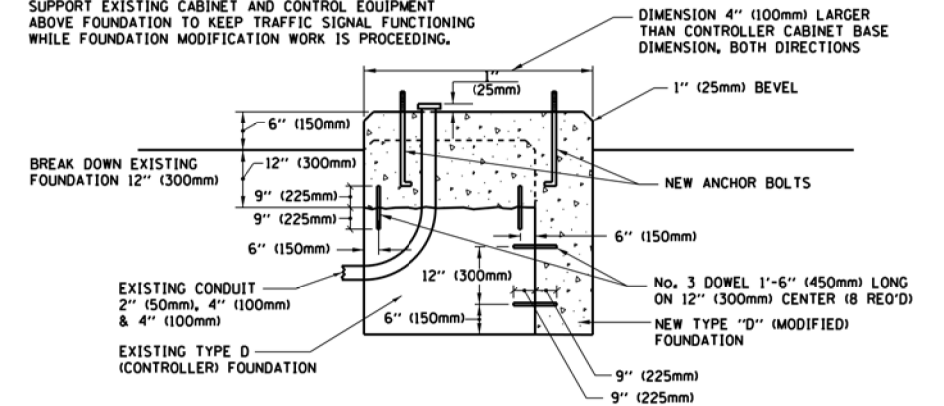
**SHROUD**

**NOTES:**

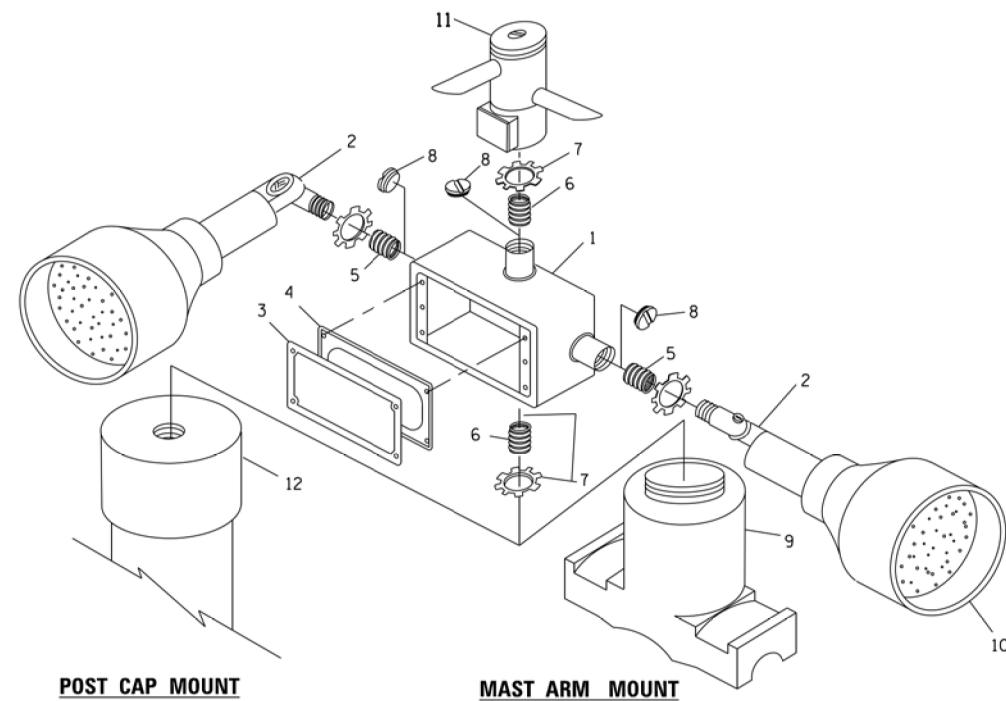
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

**NOTE:**

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



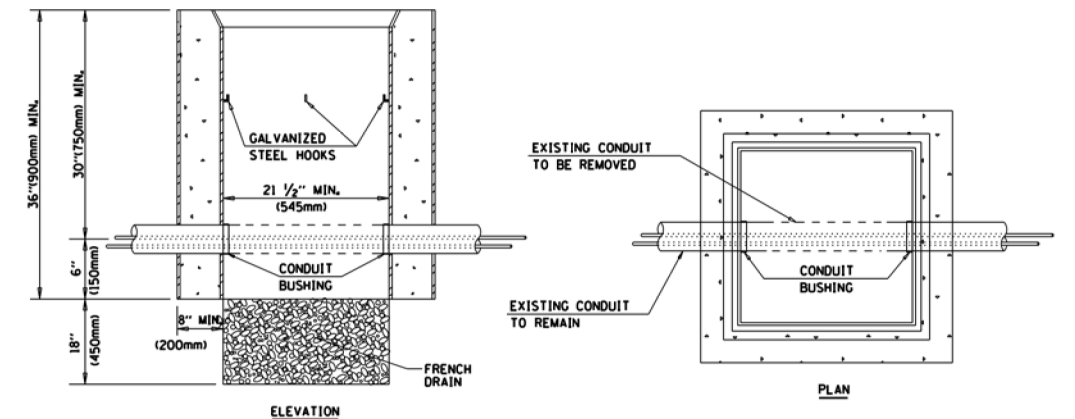
**MODIFY EXISTING TYPE "D" FOUNDATION**



**POST CAP MOUNT**

**MAST ARM MOUNT**

**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL**



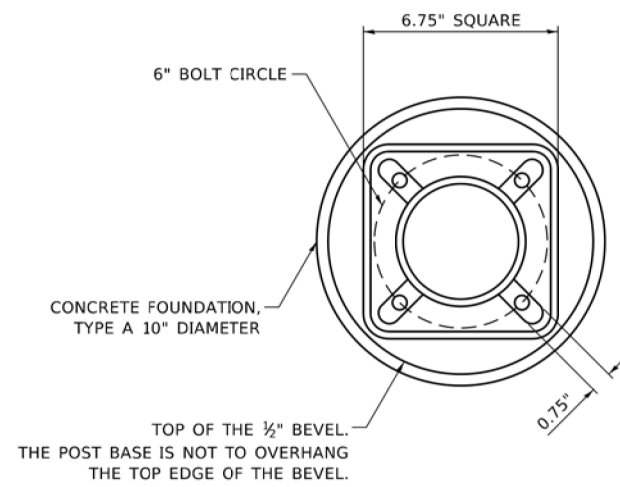
**NOTES:**

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

**HANDHOLE TO INTERCEPT EXISTING CONDUIT**

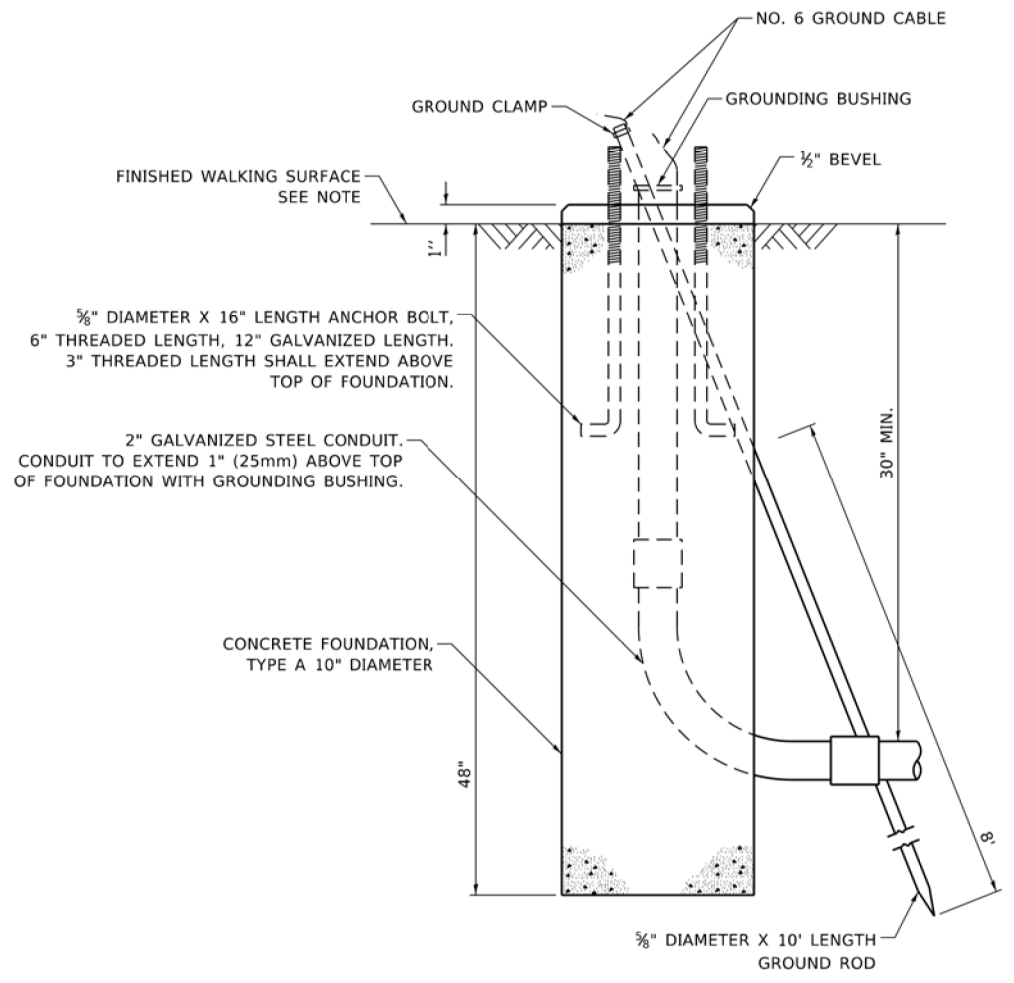
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PLOT DATE = #DATE#	DATE - 11/25/2020	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-RS&SW	COOK	129	33
CONTRACT NO. 62L93				

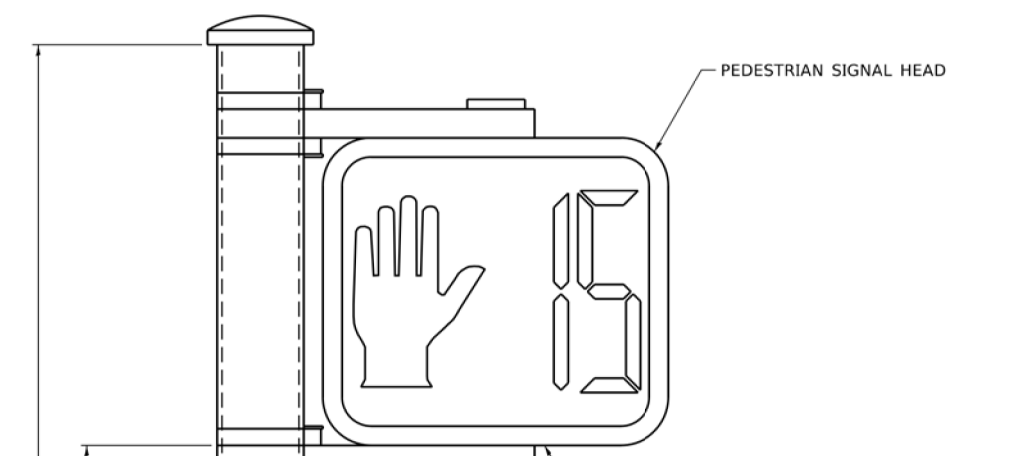


**BOLT PATTERN**

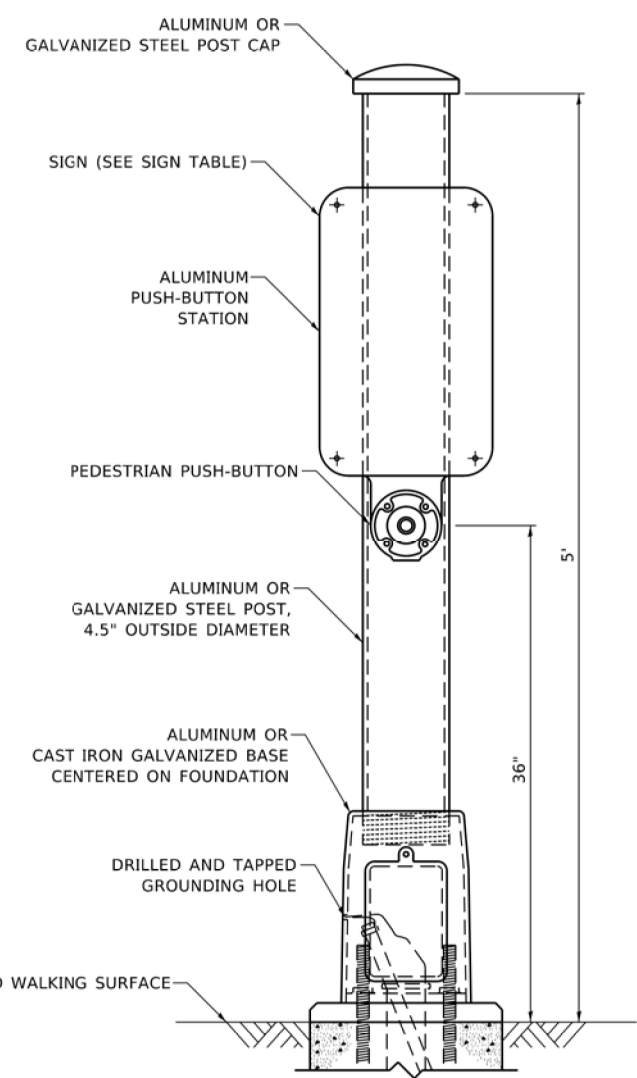
NOTE:  
 1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



**CONCRETE FOUNDATION,  
TYPE A 10-INCH DIAMETER**



**PEDESTRIAN SIGNAL POST, 10 FT.**



**PEDESTRIAN SIGNAL POST, 5 FT.**



**SIGN TABLE**

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

NOTES:  
 1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.  
 2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.  
 3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

FILE NAME =  
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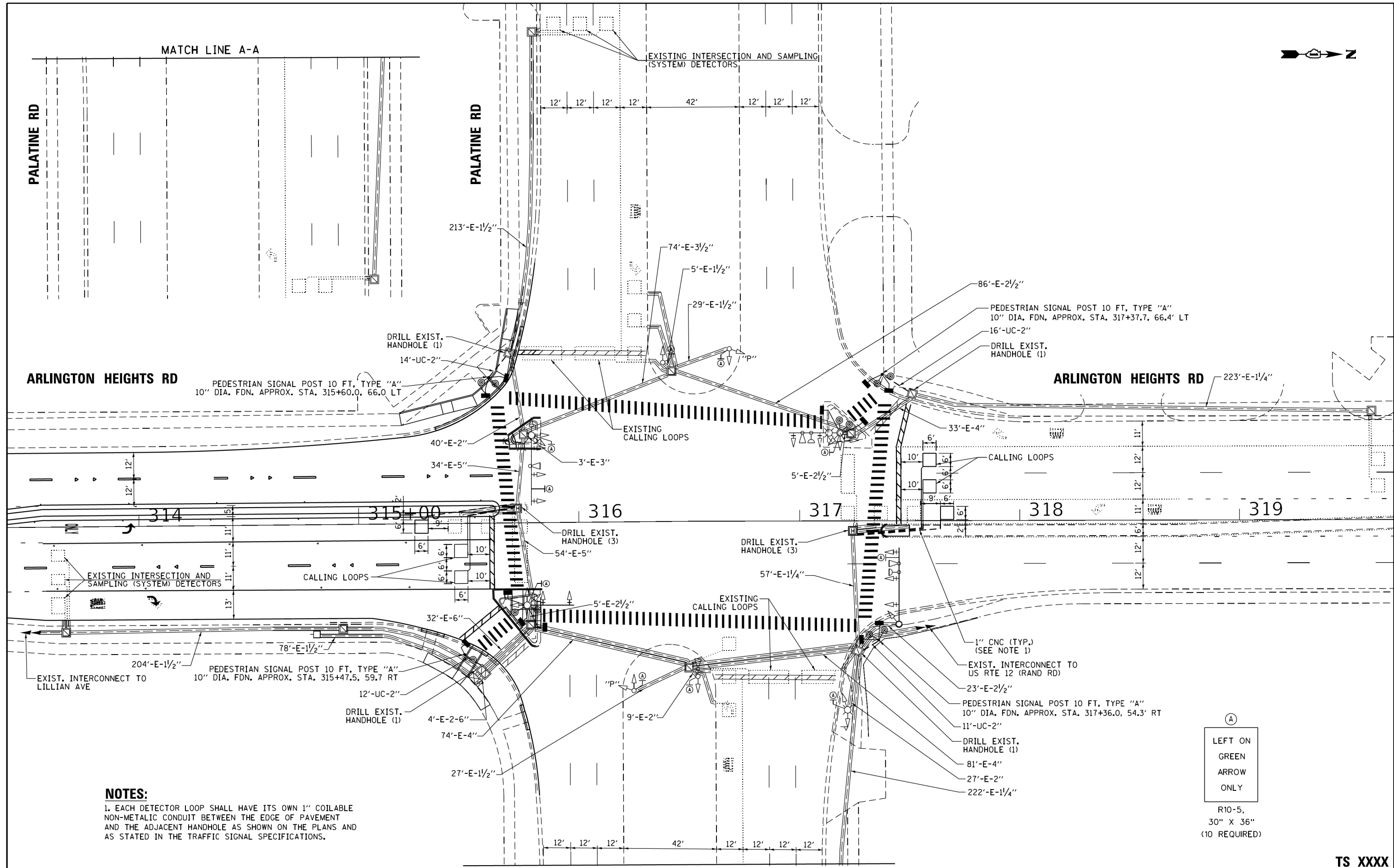


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	DRAWN - EA, AV	REVISED -
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PLOT DATE = \$DATE\$	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-RS&SW	COOK	129	34
CONTRACT NO. 62L93				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**NOTES:**

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

(A)  
LEFT ON  
GREEN  
ARROW  
ONLY  
  
R10-5,  
30" X 36"  
(10 REQUIRED)

FILE NAME =  
SHEET #



USER NAME = #USER#	DESIGNED - EA	REVISED -
DRAWN - EA, AV	REVISIONS -	
PLOT SCALE = #SCALE#	CHECKED - NT, MA	REVISIONS -
PLOT DATE = #DATE#	DATE - 11/25/2020	REVISIONS -

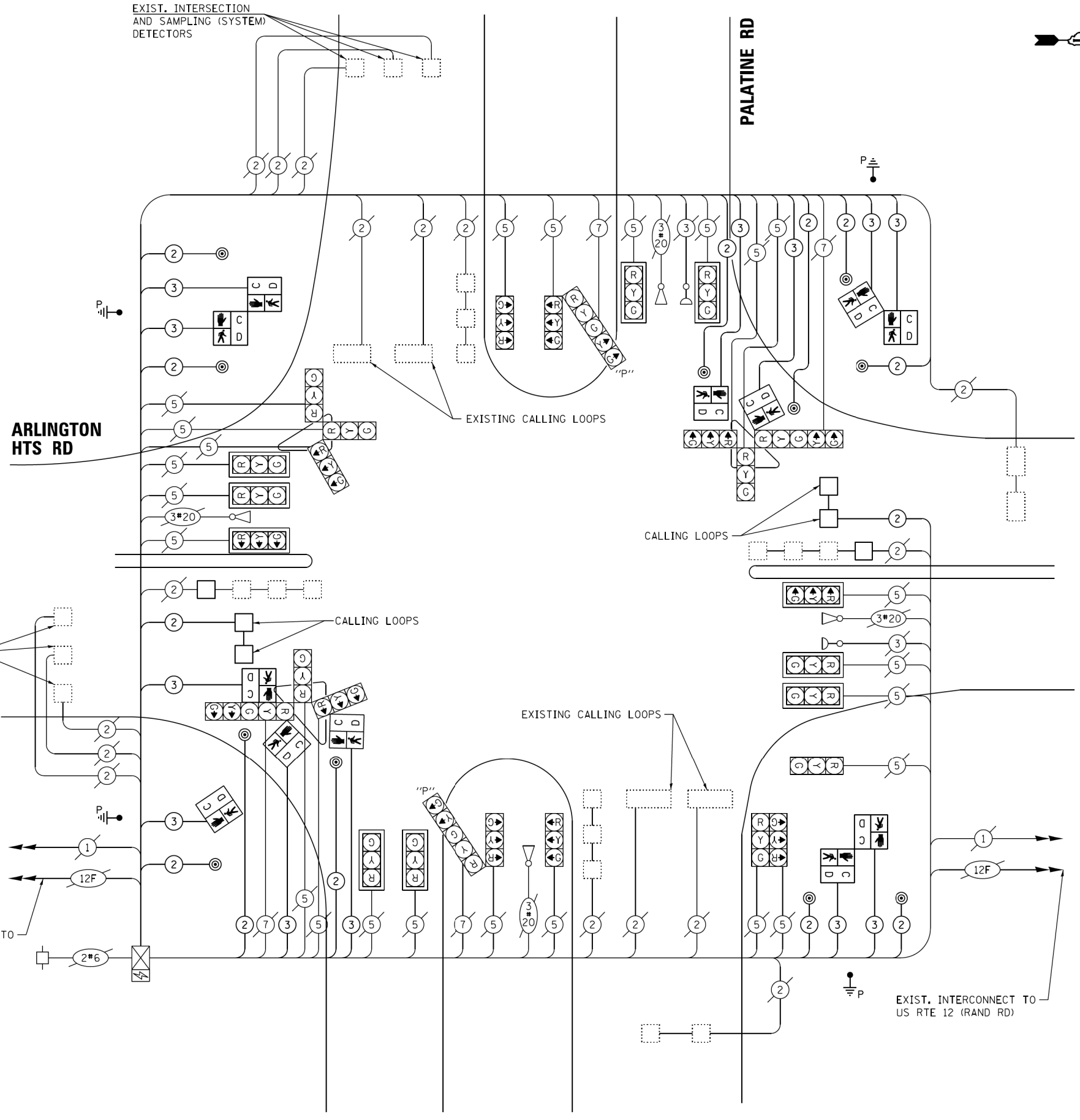
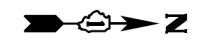
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MODIFIED TRAFFIC SIGNAL PLAN  
PALATINE RD AT ARLINGTON HEIGHTS RD

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-RS&SW	COOK	129	35
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L93	

TS XXXX  
ECON 163



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	28	17	50	238.0
(YELLOW)	28	25	25	175.0
(GREEN)	28	15	25	105.0
PERMISSIVE ARROW	8	12	10	9.60
PED. SIGNAL	12	20	100	240.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
PTZ CAMERA	-	65	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				892.6

ENERGY COSTS TO:  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
 201 WEST CENTER COURT  
 SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: MIKKI MULERO - WILLIAMS  
 PHONE: (630) 691-4721  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: \_\_\_\_\_

	USER NAME = #USER#	DESIGNED - EA	REVISED -
	PLOT SCALE = #SCALE#	DRAWN - EA, AV	REVISED -
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		DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS	DESIGNED - EA	REVISED -
DEPARTMENT OF TRANSPORTATION	DRAWN - EA, AV	REVISED -
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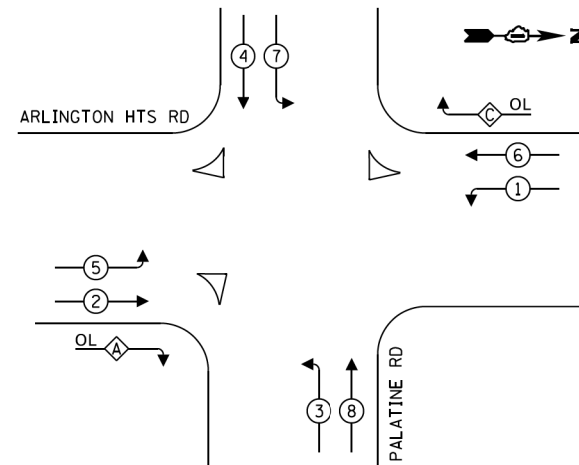
MODIFIED CABLE PLAN PALATINE RD AT ARLINGTON HEIGHTS RD			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-RS&SW	COOK	129	36
CONTRACT NO. 62L93				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

TS XXXX	
ECON 163	

FILE NAME =  
 \$FILEL\$

**EXISTING CONTROLLER SEQUENCE**



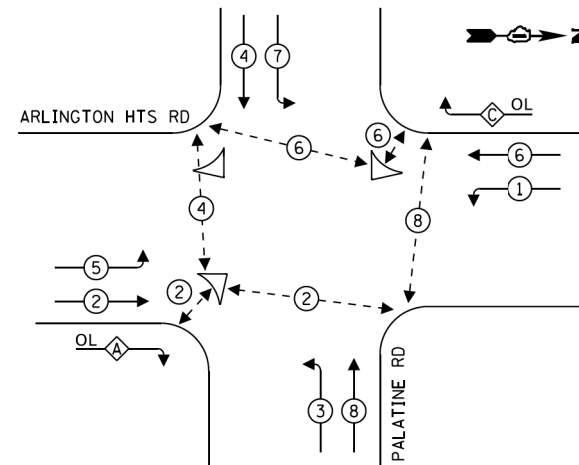
**LEGEND:**

- ← \* → PROTECTED PHASE
- ← - \* - → PROTECTED/PERMITTED PHASE
- ← \* → PEDESTRIAN PHASE
- ← \* OL → OVERLAP

**EXISTING PHASE DESIGNATION:**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
C	= 6	+ 7

**MODIFIED CONTROLLER SEQUENCE**



**LEGEND:**

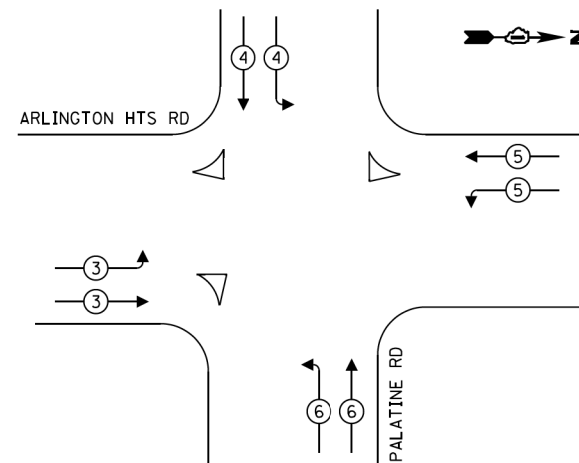
- ← \* → PROTECTED PHASE
- ← - \* - → PROTECTED/PERMITTED PHASE
- ← \* → PEDESTRIAN PHASE
- ← \* OL → OVERLAP

**RIGHT TURN OVERLAP**

**PHASE DESIGNATION:**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
C	= 6	+ 7

**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**

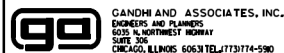


**SCHEDULE OF QUANTITIES**

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	53
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2638
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2796
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	413
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	786
DRILL EXISTING HANDHOLE	EACH	10
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	12
DETECTOR LOOP, TYPE I	FOOT	226
PEDESTRIAN PUSH-BUTTON	EACH	11
MODIFY EXISTING CONTROLLER	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT	EACH	4
CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER	FOOT	16

TS XXXX  
ECON 163

FILE NAME =  
\$FILEL\$



USER NAME = #USER#	DESIGNED - EA	REVISED -
DRAWN - EA, AV	REVISIONS -	
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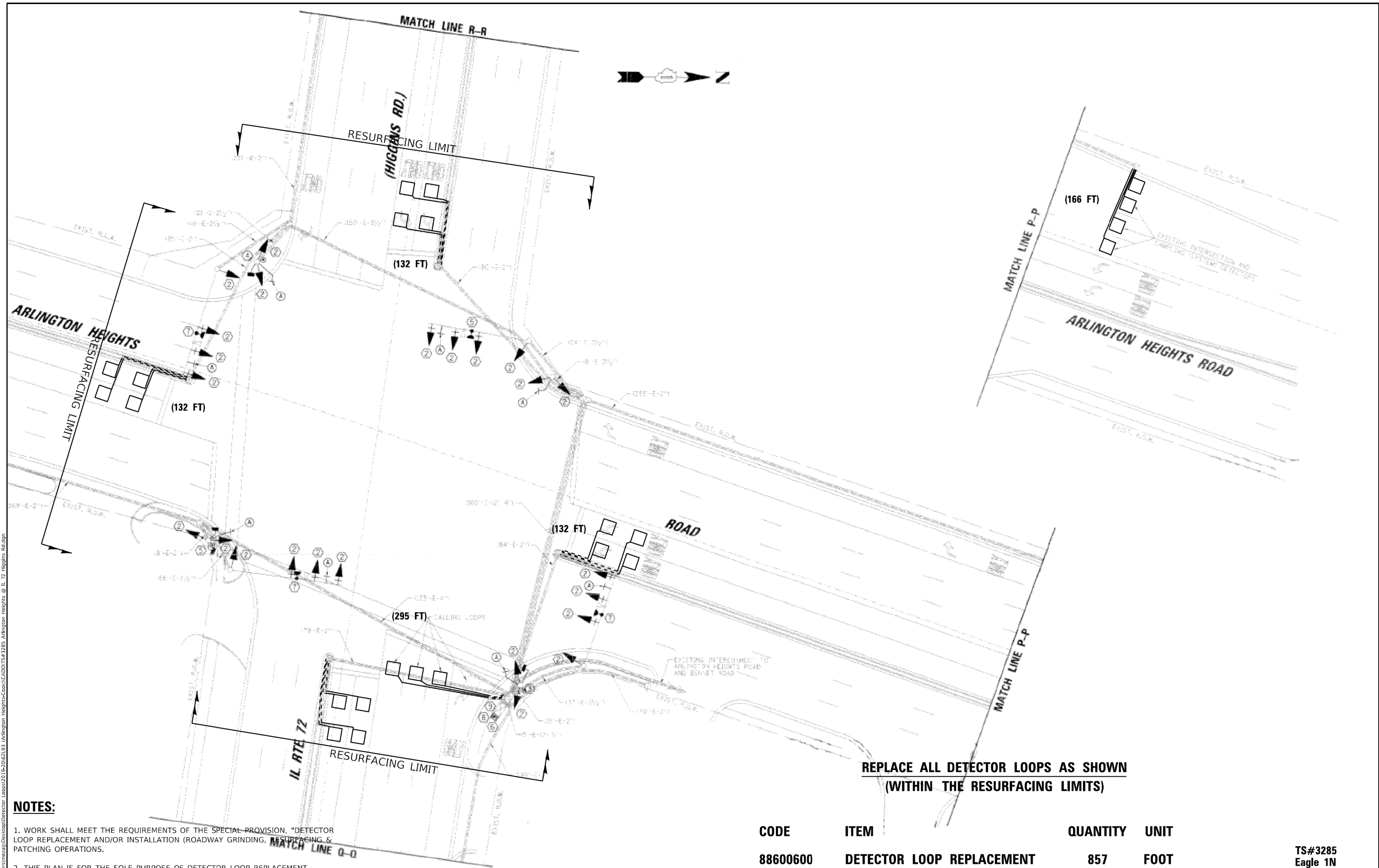
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING PHASE DESIGNATION DIAGRAM, MODIFIED PHASE DESIGNATION  
DIAGRAM, EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE,  
AND SCHEDULE OF QUANTITIES PALATINE RD AT ARLINGTON HEIGHTS RD

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-RS&SW	COOK	129	37

CONTRACT NO. 62L93  
FED. ROAD DIST. NO. - 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	857	FOOT

**TS#3285  
Eagle 1N**

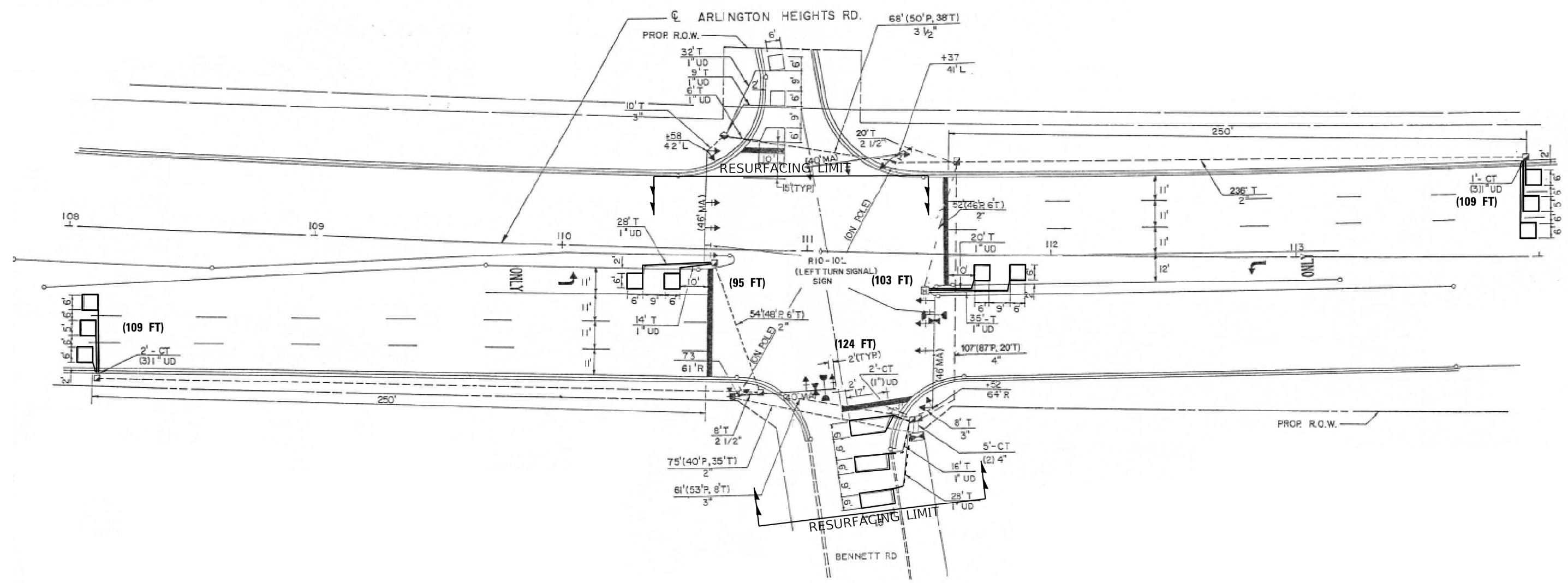
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	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/28/2020	DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT IL 72 HIGGINS RD.**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	38
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

MODEL Default  
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**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	540	FOOT

**TS#22235  
Eagle 1N**

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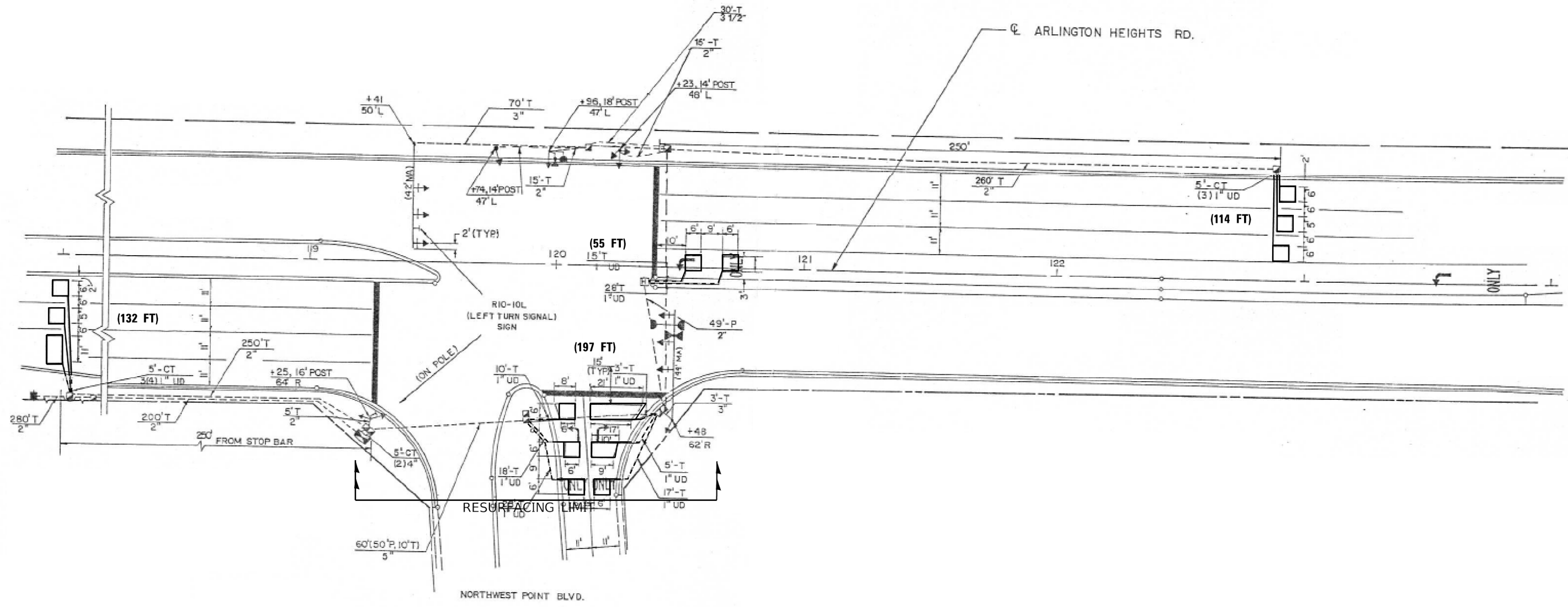
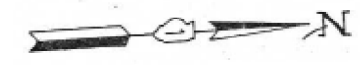
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	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000 * / ft.	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/28/2020	DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT BENNETT RD.**

SCALE: 1"=20'      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.U. RTE. 2626	SECTION 2020-115-R5&SW	COUNTY COOK	TOTAL SHEETS 129	SHEET NO. 39
CONTRACT NO. 62L93			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	498	FOOT

**TS#11320  
Eagle 1N**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT NORTHWEST POINT BLVD.**

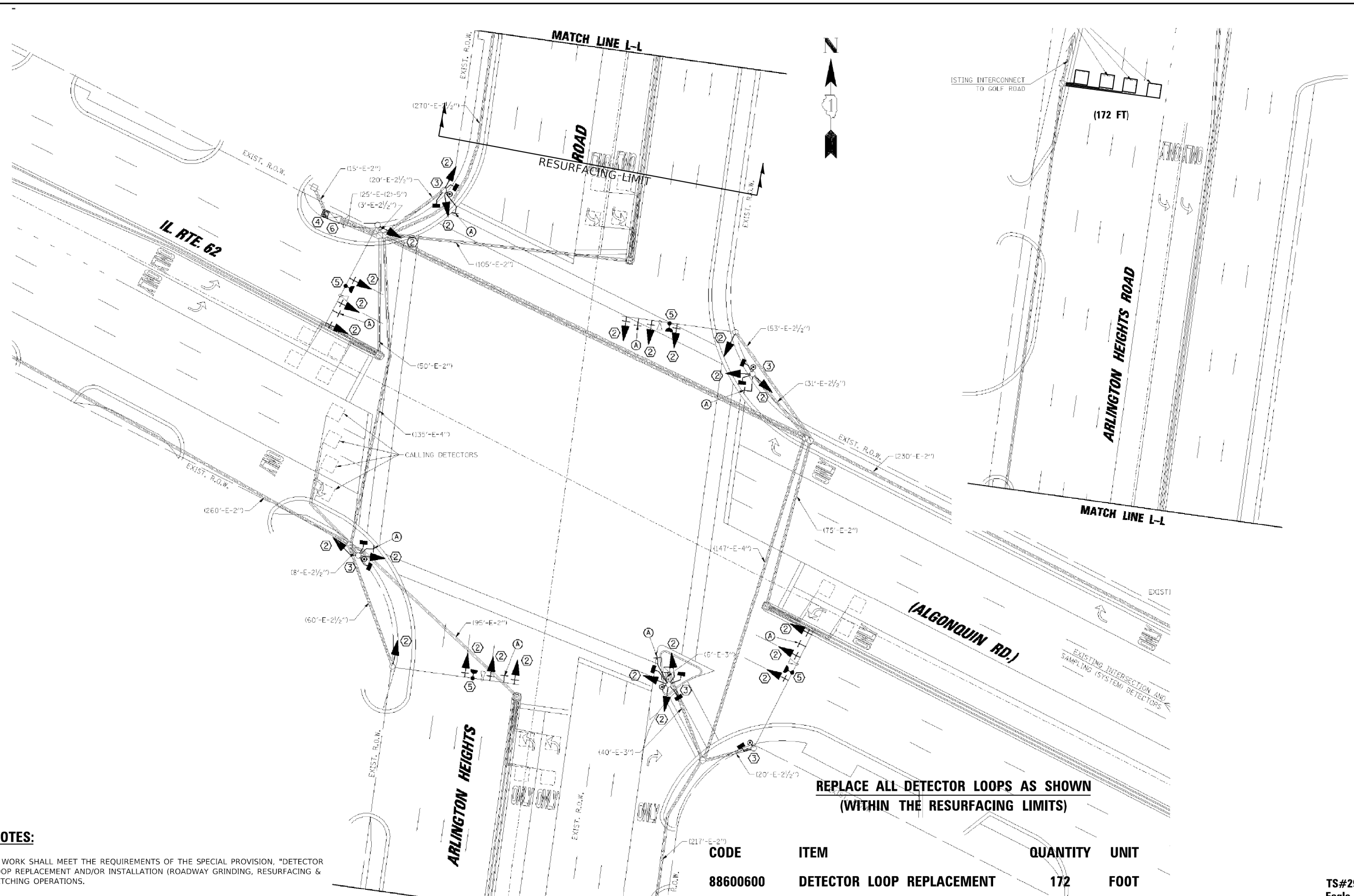
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	40
CONTRACT NO. 62L93				

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

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**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	172	FOOT

**TS#2935  
Eagle 1N**

USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/28/2020	DATE - 09/25/2020	REVISED -

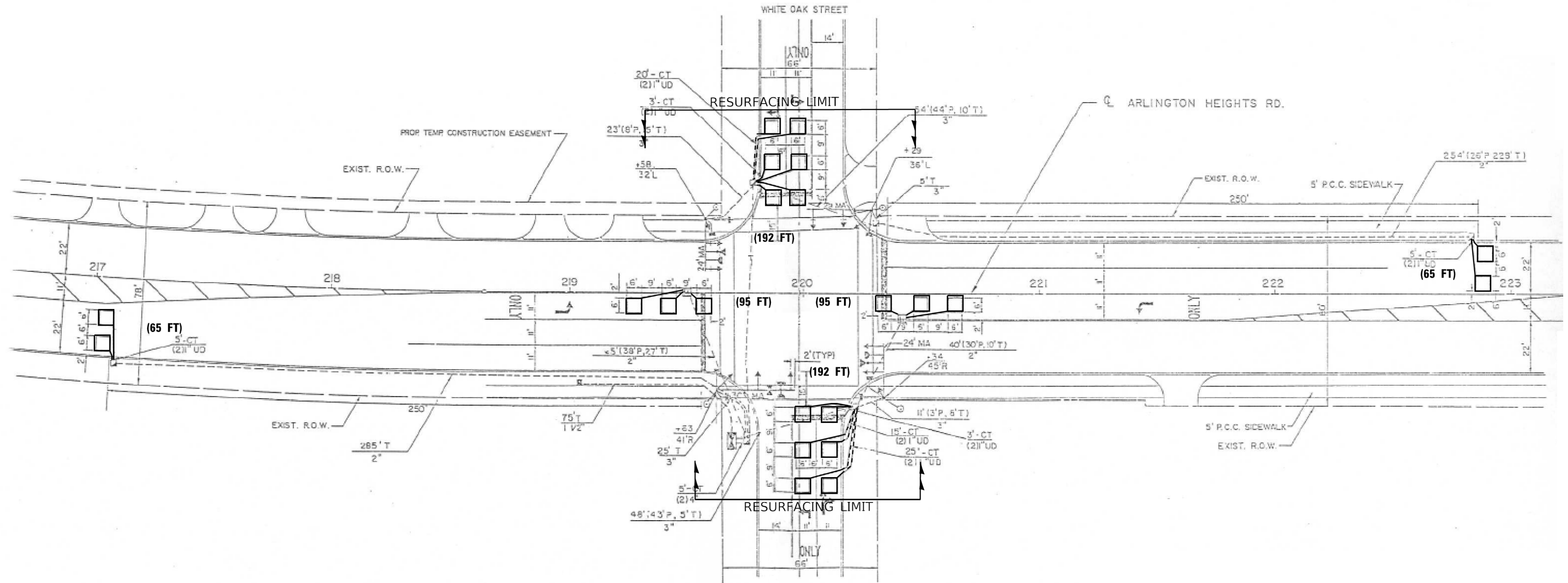
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT IL 62 (ALGONQUIN RD.)**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	41
CONTRACT NO. 62L93				
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	704	FOOT

**TS#12535  
Eagle 1N**

MODEL: Default  
FILE: N:\MIS\_C\Users\meza\OneDrive\Detector\_Loops\12019-10-02\193\_Arlington\_Heights-Cook\ICADD\TS#12535\_Arlington\_Heights @ White Oak\_S.dgn

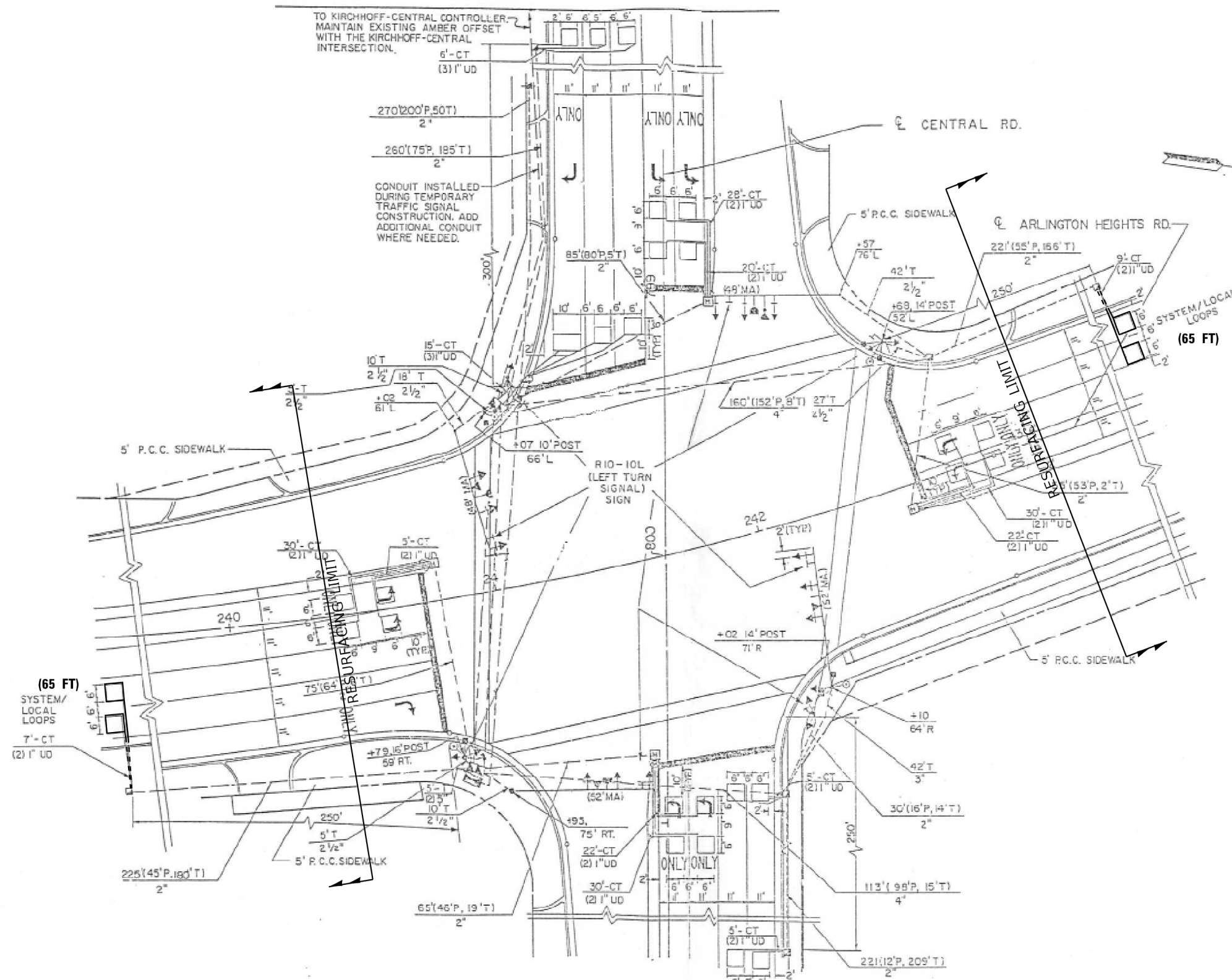
USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/29/2020	DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT WHITE OAK ST.**

SCALE: 1"=20'      SHEET    OF    SHEETS    STA.                    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	43
CONTRACT NO. 62L93				
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	130	FOOT

**TS#12540  
Eagle 1N**

MODEL: Default  
FILE: N:\mezz\coppermezz\Detector\_Loops\120124-2021293\_Arlington\_Heights-Cook\ICADD\TS#12540\_Arlington\_Heights @ Central\_Rd.dgn

USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000 "/>		

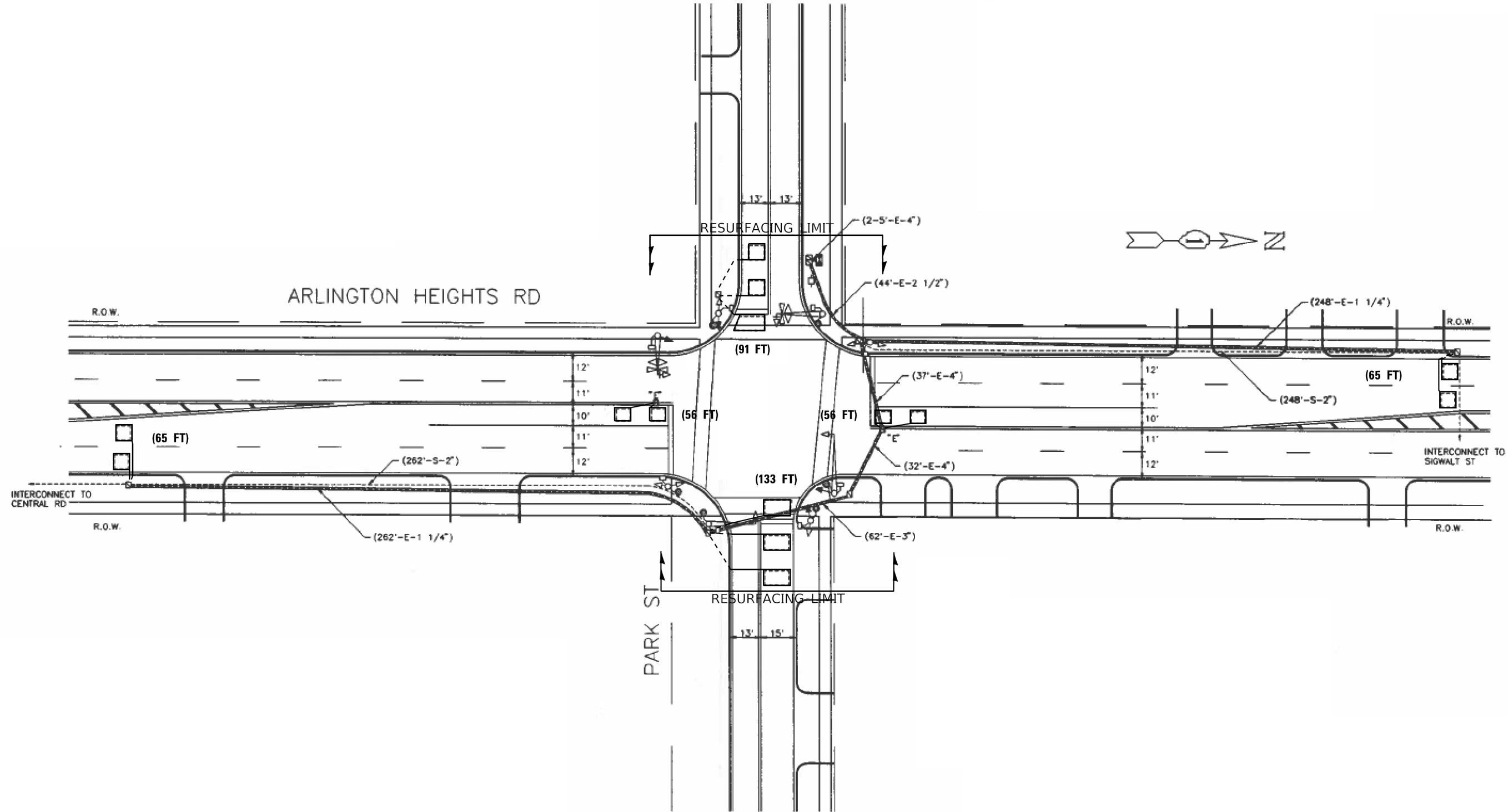
CHECKED - STEVEN M. NGUYEN	REVISED -
DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT CENTRAL RD.**

SCALE: 1":20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	44
CONTRACT NO. 62L93				
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	466	FOOT

**TS#12545  
Econ 94**

MODEL: Default  
FILE: N:\meza\c:\users\meza\desktop\Detector\_Loops\12019-2021\93 (Arlington Heights-Cook)\CADD\TS#12545 Arlington Heights @ Park St.dgn

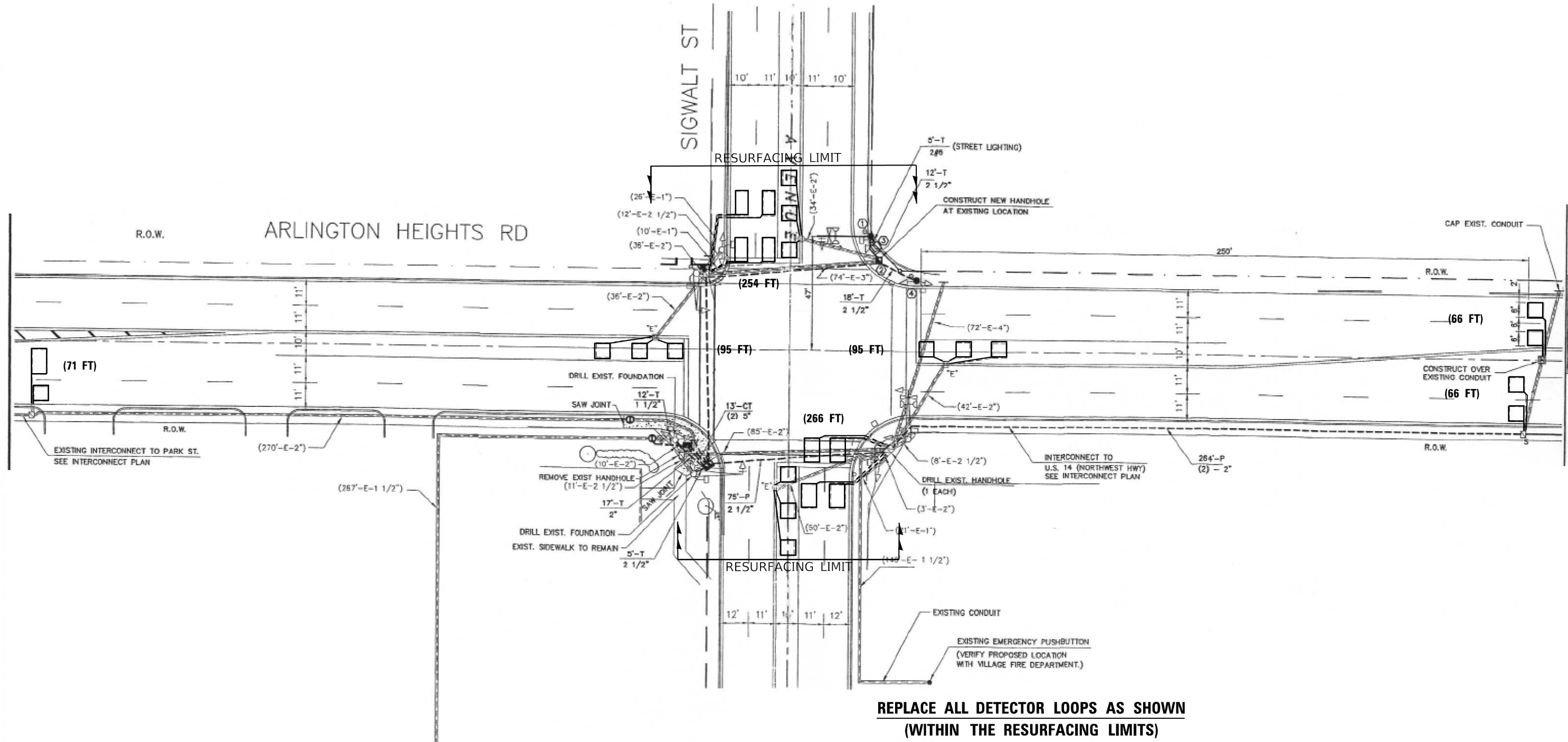
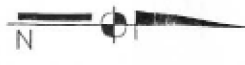
USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/29/2020	DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT PARK ST.**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2626	SECTION 2020-115-R5&SW	COUNTY COOK	TOTAL SHEETS 129	SHEET NO. 45
			CONTRACT NO. 62L93	
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	913	FOOT

**TS#12550  
Econ 94**

MODEL: Default  
FILE: N:\MIS\_E\_C\Users\meza\OneDrive\Desktop\Detector\_Loops\12019-2021\12550\_Arlington\_Heights\_Cook\12550\_Arlington\_Heights @ Sigwalt St.dgn

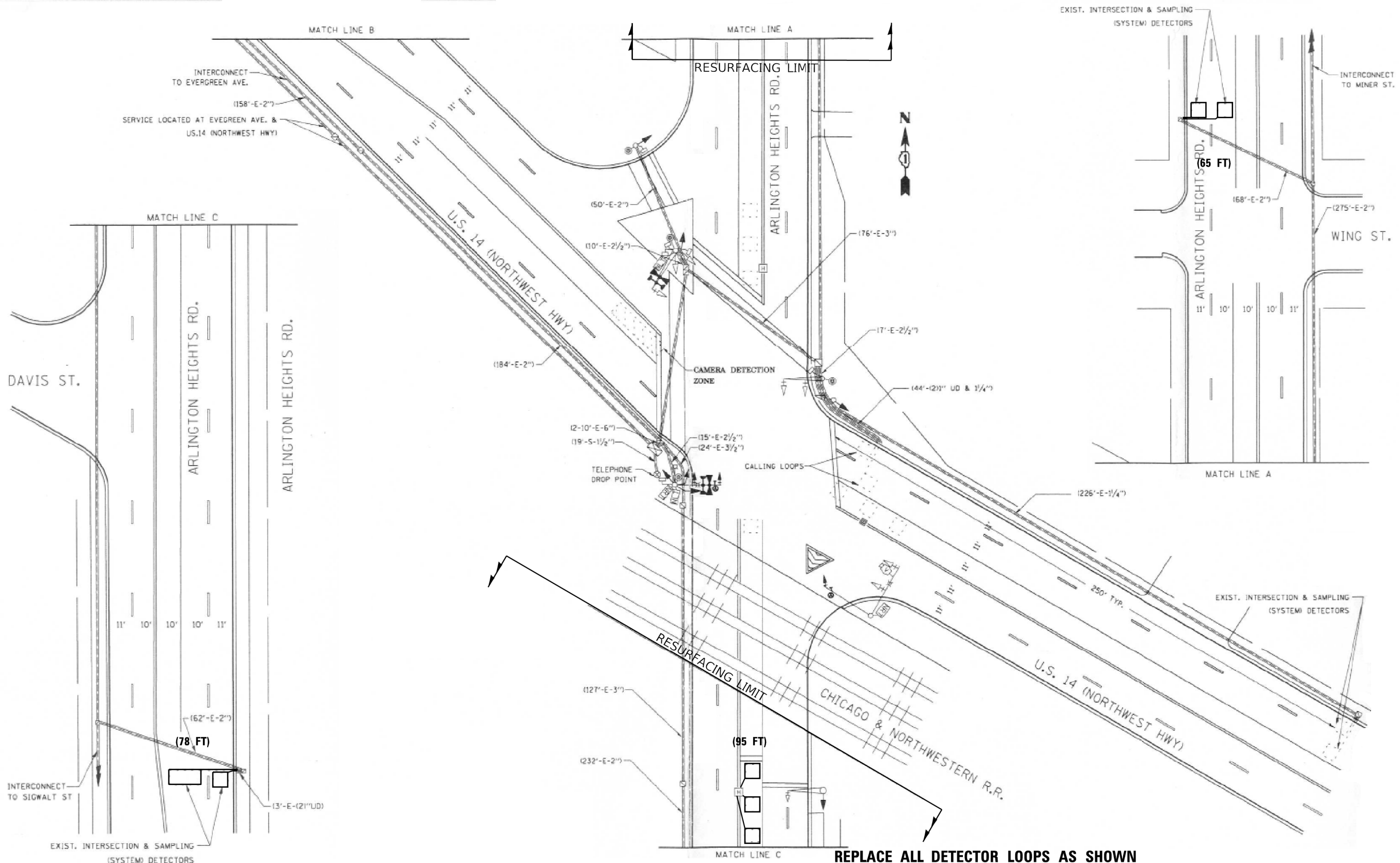
USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/29/2020	DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT SIGWALT ST.**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2626	SECTION 2020-115-R5&SW	COUNTY COOK	TOTAL SHEETS 129	SHEET NO. 46
CONTRACT NO. 62L93				
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	238	FOOT

**TS#12555  
Econ 94**

MODEL: Default  
 FILE: N:\MIS\_C\Users\meza\OneDrive\Desktop\Detector\_Loops\12019-10-02\1293\_Arlington\_Heights-Cool\12555\_Arlington\_Heights @ Northwest Hwy.dgn

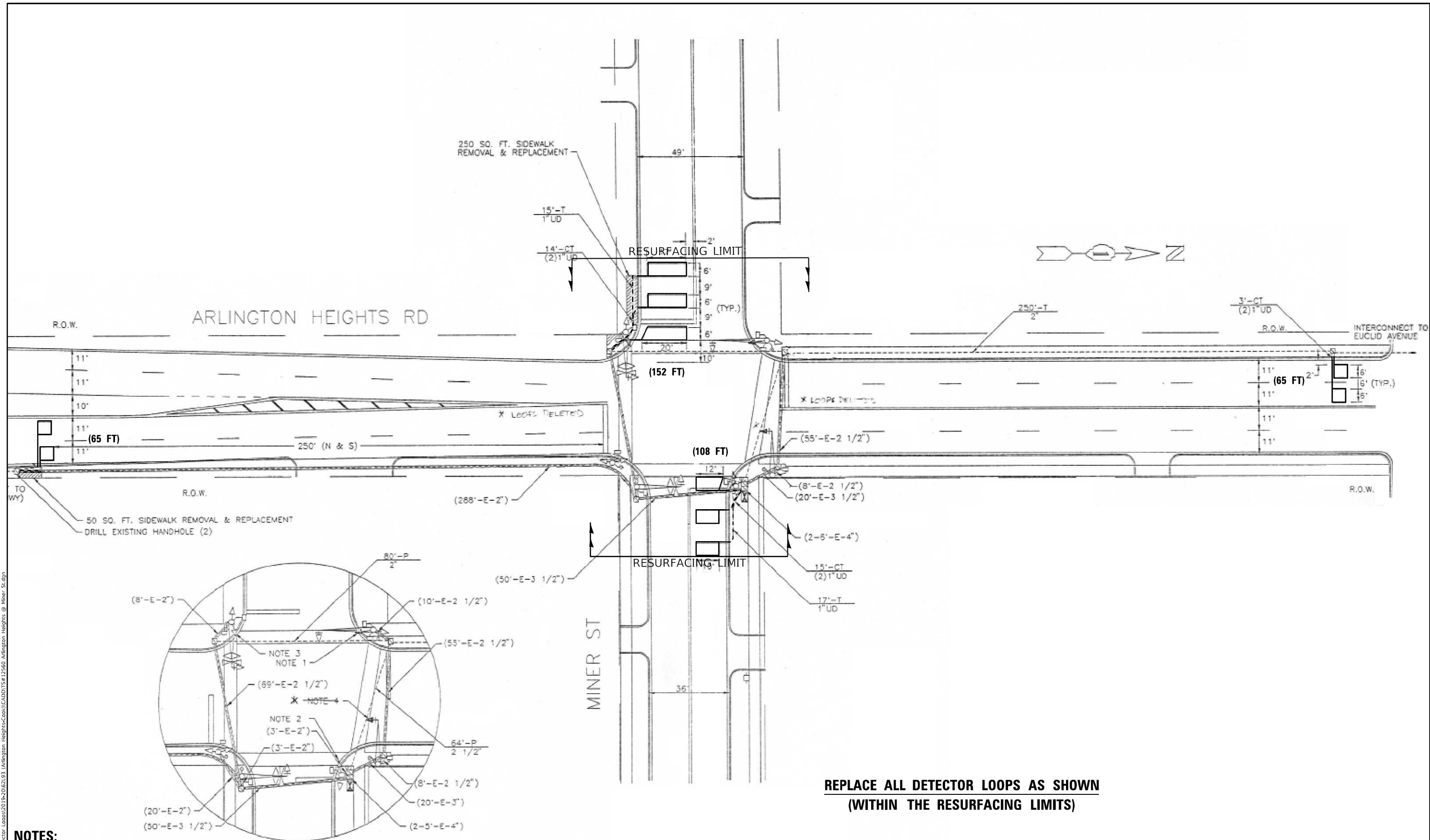
USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/28/2020	DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT NORTHWEST HWY.**

SCALE: 1"=20'    SHEET OF SHEETS    STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	47
CONTRACT NO. 62L93				
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	390	FOOT

**TS#12560  
Econ 94**

MODEL: Default  
FILE: M:\115-C\Users\mezag\OneDrive\Desktop\Detector\_Loop\120119-1002193\_Arlington\_Heights-Cool\CADD\TS#12560\_Arlington\_Heights @ Miner St.dgn

USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/29/2020	DATE - 09/25/2020	REVISED -

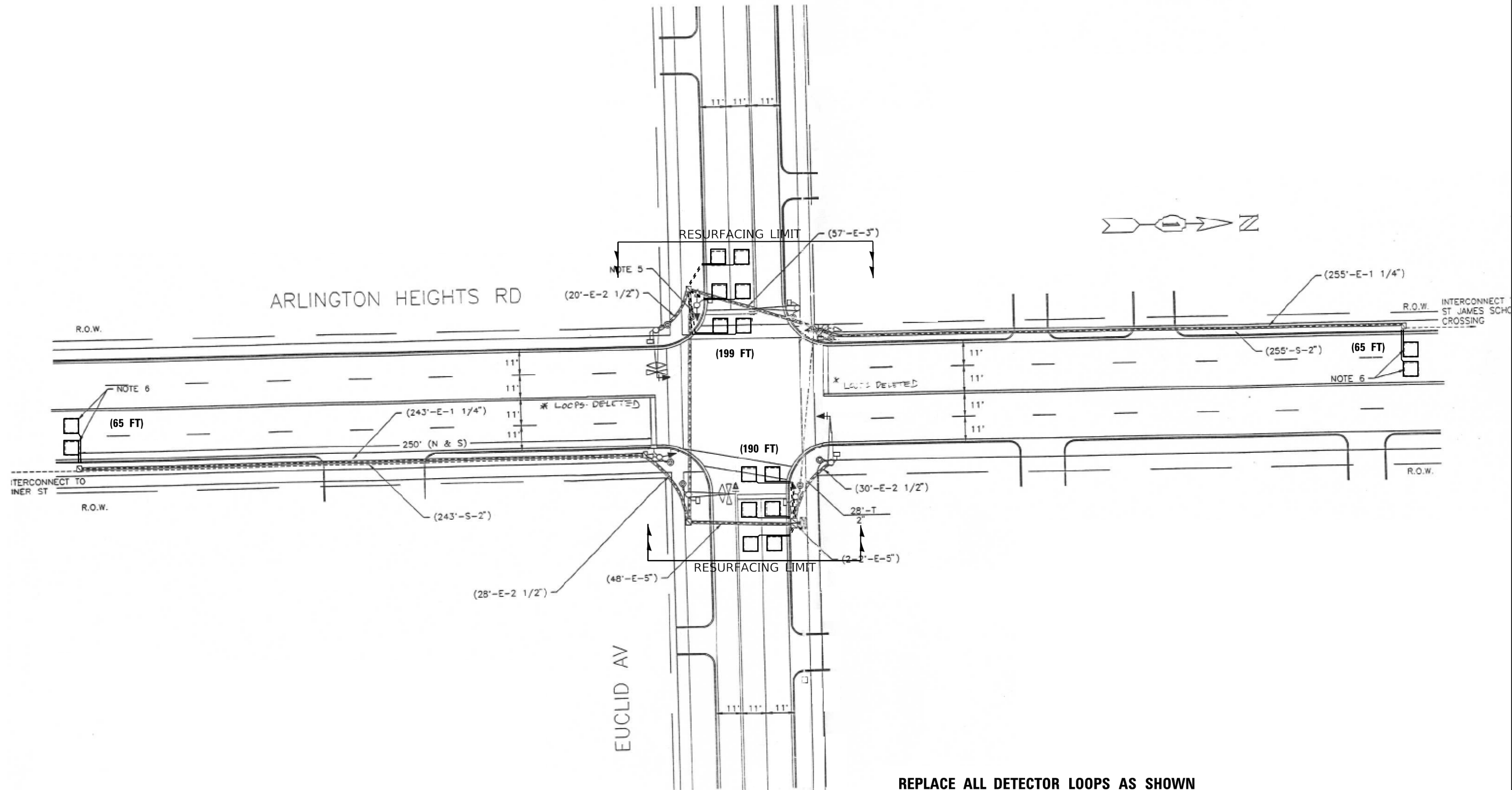
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT MINER ST.**

SCALE: 1"=20'  
SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2626	SECTION 2020-115-R5&SW	COUNTY COOK	TOTAL SHEETS 129	SHEET NO. 48
			CONTRACT NO. 62L93	
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	519	FOOT

**TS#12565  
Econ 94**

MODEL: Default  
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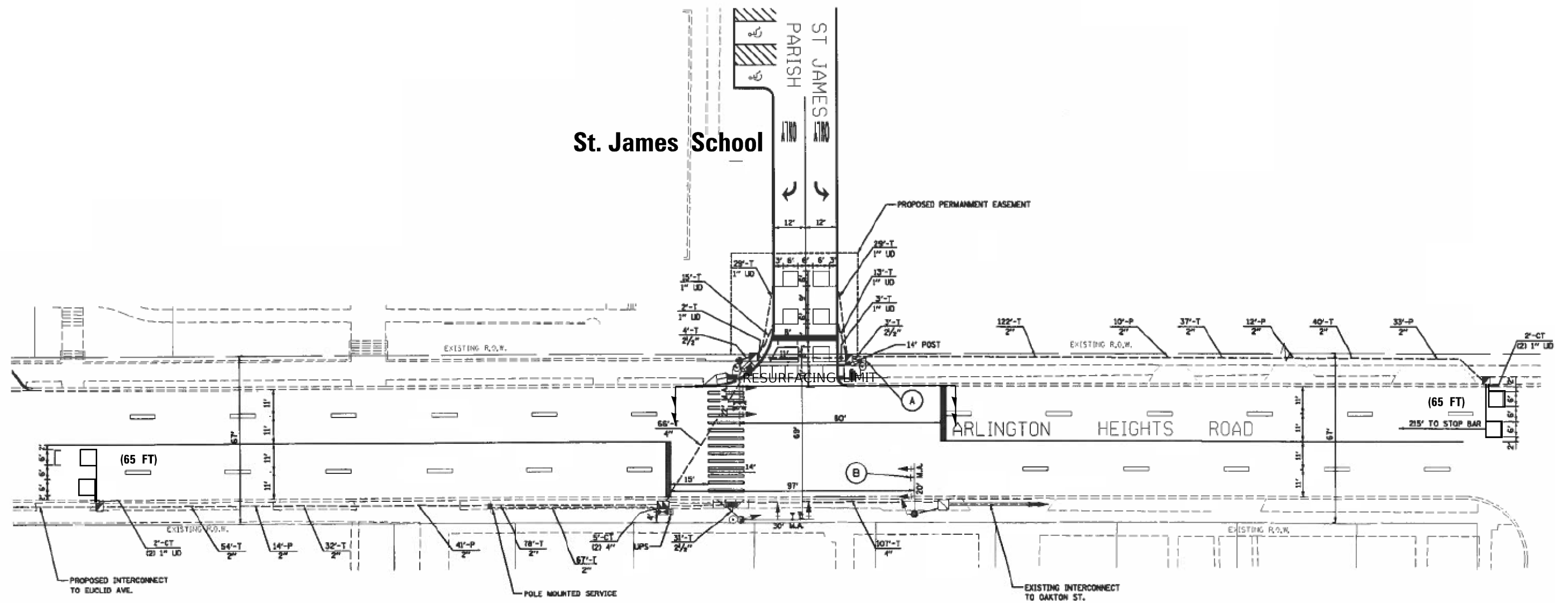
USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/29/2020	DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT EUCLID AVE**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	49
CONTRACT NO. 62L93				
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	130	FOOT

**TS#12567  
Econ 94**

MODEL: Default  
FILE: N:\mezc\c:\users\meza\desktop\Detector\_Loops\1019-2020\2193\_Arlington\_Heights-Cook\ICADD\TS#12567\_Arlington\_Heights @ St. James\_School.dgn

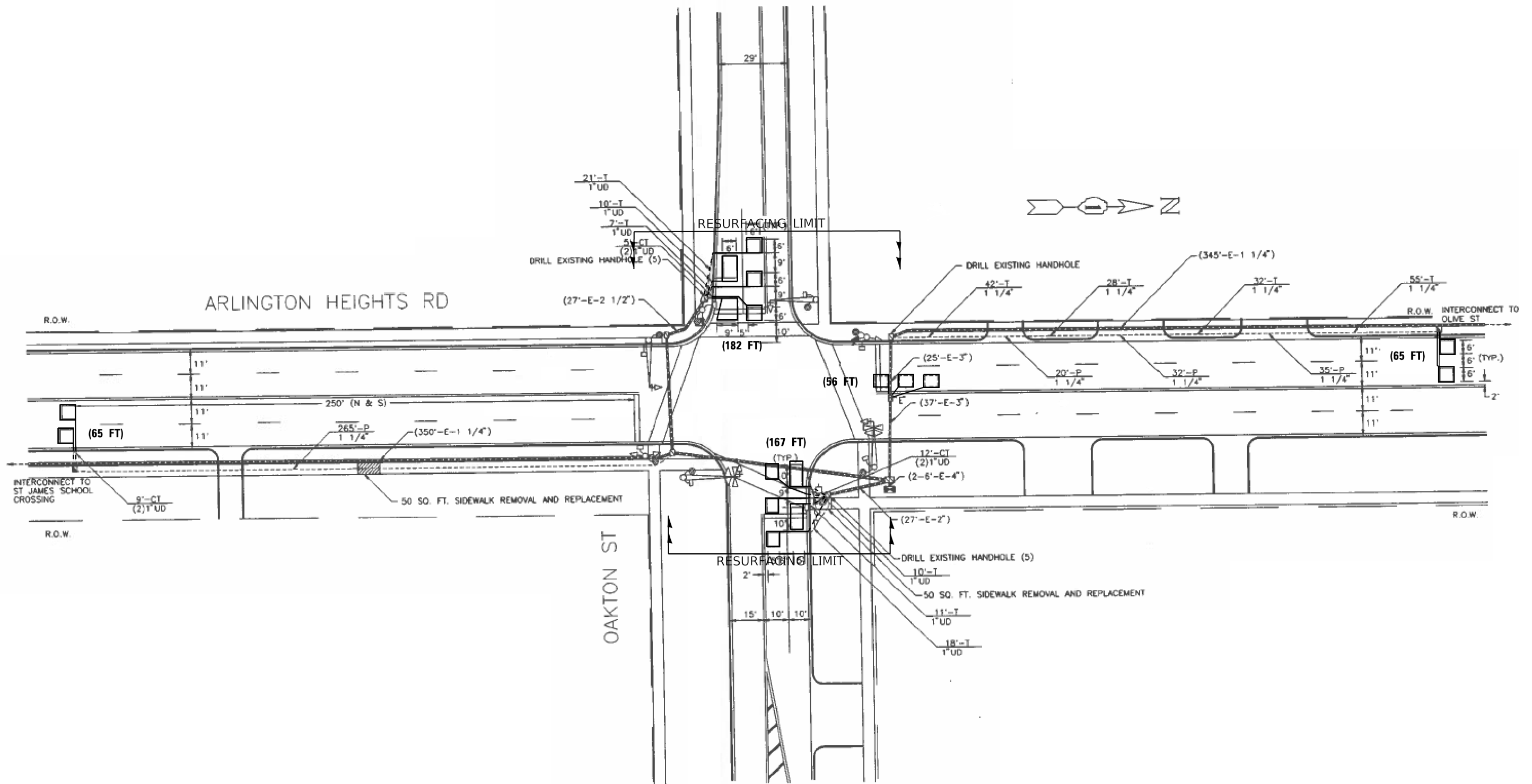
USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / ft.	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/29/2020	DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT St. JAMES SCHOOL (S/O FREDERICK ST.)**

SCALE: 1"=20'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	50
CONTRACT NO. 62L93				
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	535	FOOT

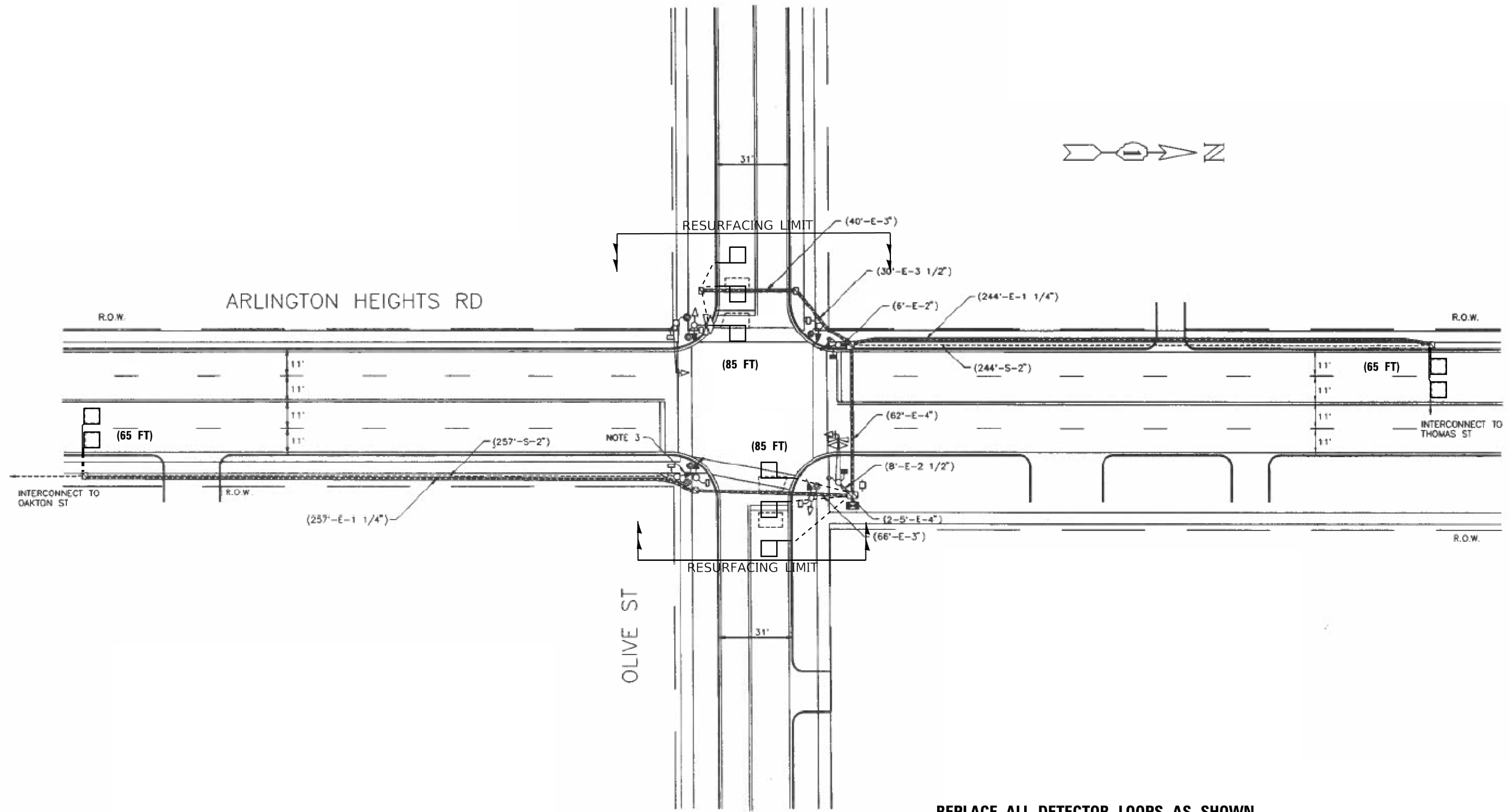
**TS#4125  
Econ 94**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT OAKTON ST.**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	51
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

SCALE: 1":20' 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	300	FOOT

**TS#12575  
Econ 94**

MODEL: Default  
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USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/29/2020	DATE - 09/25/2020	REVISED -

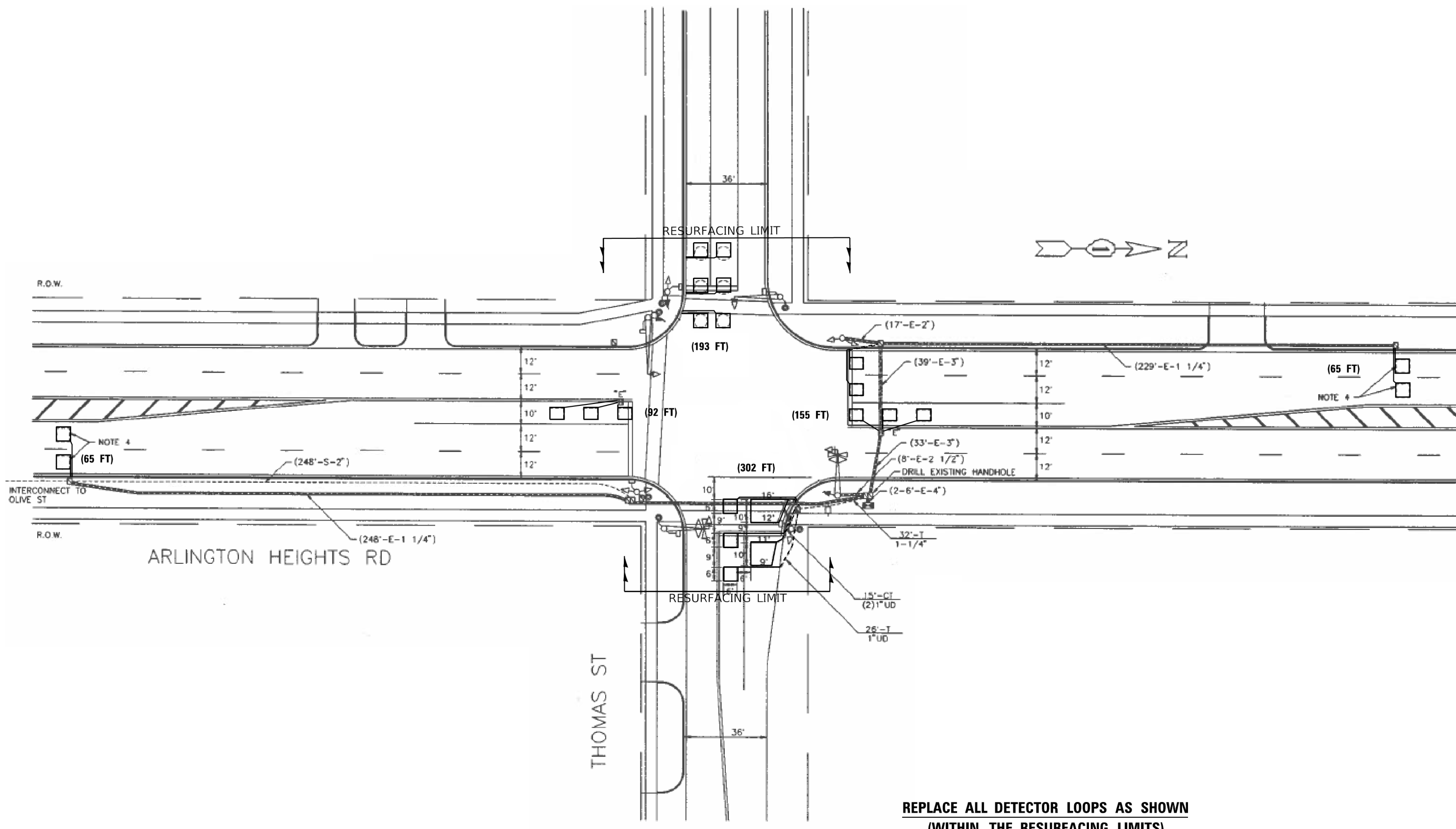
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT OLIVE ST.**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2626	SECTION 2020-115-R5&SW	COUNTY COOK	TOTAL SHEETS 129	SHEET NO. 52
CONTRACT NO. 62L93			ILLINOIS FED. AID PROJECT	

MODEL: Default  
 FILE: \\meza\c\user\meza\Drawings\Detector\_Loops\1019-2020\2193\_Arlington\_Heights\CADD\TS#12580\_Arlington\_Heights @ Thomas St.dgn



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

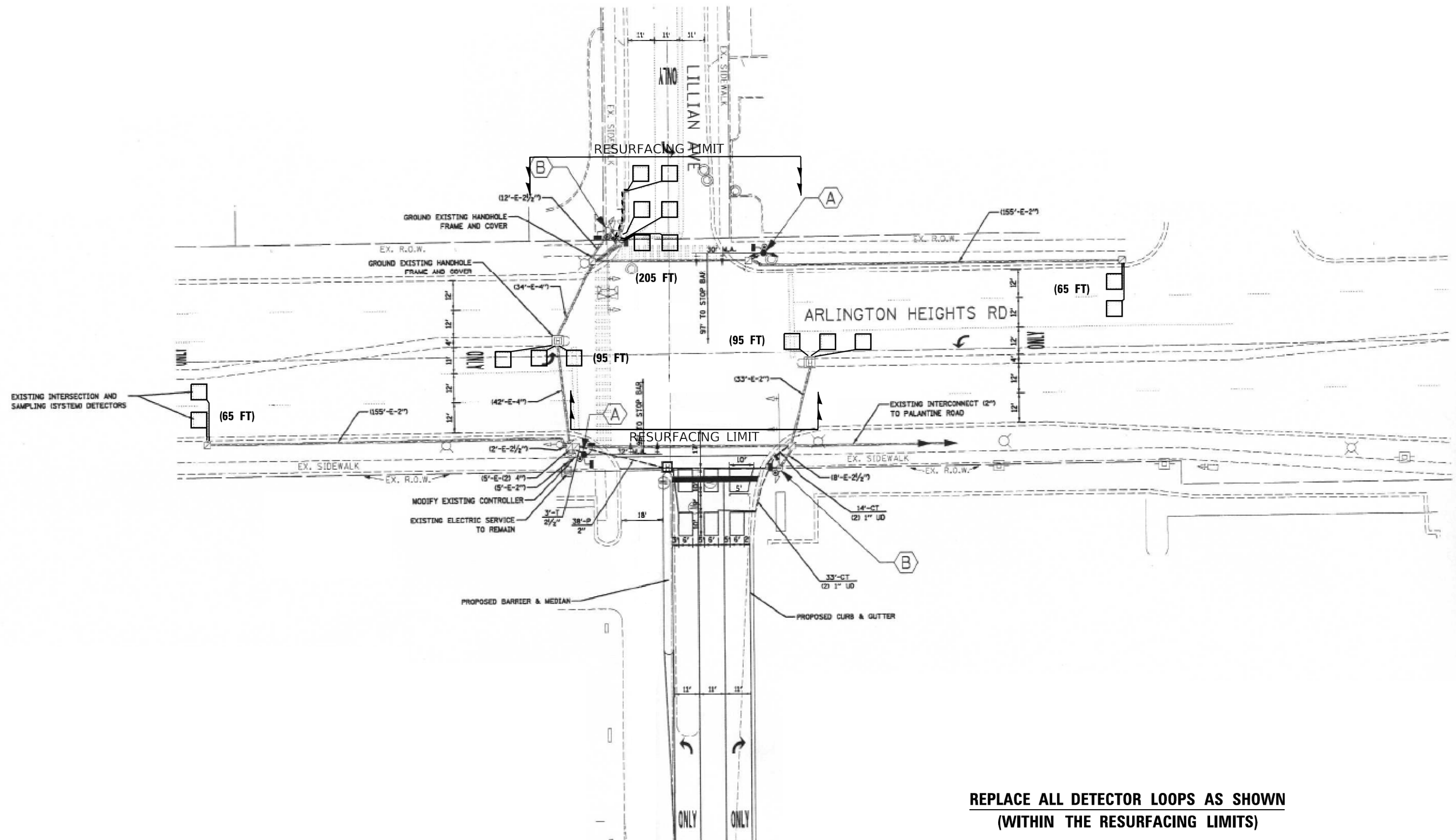
**NOTES:**

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	872	FOOT

**TS#12580  
Econ 94**

USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EMC DETECTOR LOOP REPLACEMENT PLAN ARLINGTON HEIGHTS RD. AT THOMAS ST.</b>	F.A.U. RTE. 2626	SECTION 2020-115-R5&SW	COUNTY COOK	TOTAL SHEETS 129	SHEET NO. 53	
PLOT SCALE = 40,0000' / 1"	CHECKED - STEVEN M. NGUYEN	REVISED -			SCALE: 1"=20'	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62L93		
PLOT DATE = 10/29/2020	DATE - 09/25/2020	REVISED -			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	499	FOOT

**TS#12585  
Econ 163**

MODEL: Default  
FILE: N:\meza\c\user\meza\Detector Loop\12019-2020\2193 - Arlington Heights-Cook\ICADD\TS#12585 Arlington Heights @ Lillian Ave.dgn

USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000 * / ft.	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/29/2020	DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT LILLIAN AVE.**

F.A.U. RTE. 2626	SECTION 2020-115-R5&SW	COUNTY COOK	TOTAL SHEETS 129	SHEET NO. 54
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

SCALE: 1":20' SHEET OF SHEETS STA. TO STA.

MATCH LINE B-B

EXIST. R.O.W.

ARLINGTON HEIGHTS ROAD

(116 FT)

EXISTING INTERCONNECT TO LILLIAN AVENUE

EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

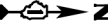
ARLINGTON HEIGHTS ROAD

(175 FT)

MATCH LINE B-B

RESURFACING LIMIT

PALATINE ROAD



END IMPROVEMENT

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

MATCH LINE A-A

ARLINGTON HEIGHTS ROAD

EXIST. R.O.W.

**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	466	FOOT

TS#12590  
Econ 163

MODEL: Default  
FILE: N:\MTC\_C\Users\meza\OneDrive\Desktop\Detector\_Loops\12019-2021\193\_Arlington\_Heights\Cook\ICADD\TS#12590\_Arlington\_Heights @ Palatine Rd.dgn

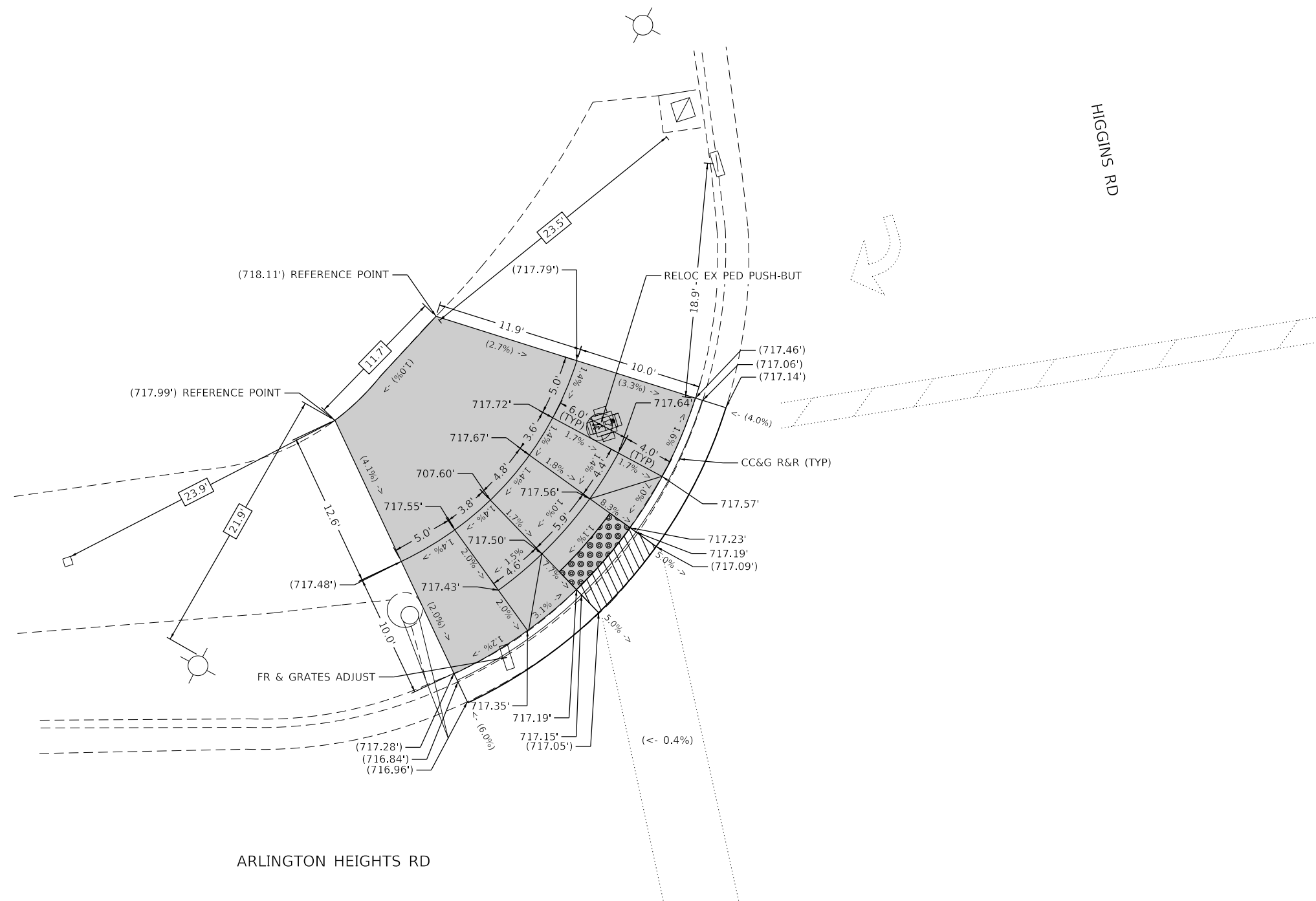
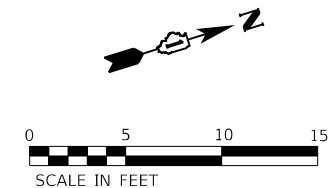
USER NAME = mezag	DESIGNED - STEVEN M. NGUYEN	REVISED -
	DRAWN - GONZALO MEZA	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - STEVEN M. NGUYEN	REVISED -
PLOT DATE = 10/29/2020	DATE - 09/25/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMC DETECTOR LOOP REPLACEMENT PLAN  
ARLINGTON HEIGHTS RD. AT PALATINE RD. (SOUTH LEG)**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L93	



ARLINGTON HEIGHTS RD

**NOTES:**

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

**LEGEND**

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

REFERENCE BENCHMARK 1030 EL 716.85' (NOT SHOWN)  
 BENCHMARK: SQUARE CUT ON NW COR OF DOUBLE HH  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND IL 72 (HIGGINS RD)

MODEL: D:\a\h\1\120038.07\DOT\DOT D1.PFB\192-2007\_MOT\_Arlington\_Heights\_Resurfacing\DOT\Detail\ADA\_Ramp\01.dgn  
 FILE NAME: 21\_120038.07 DOT D1 PFB\_192-2007\_MOT\_Arlington\_Heights\_Resurfacing\DOT\Detail\ADA\_Ramp\01.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -
	DRAWN - CS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

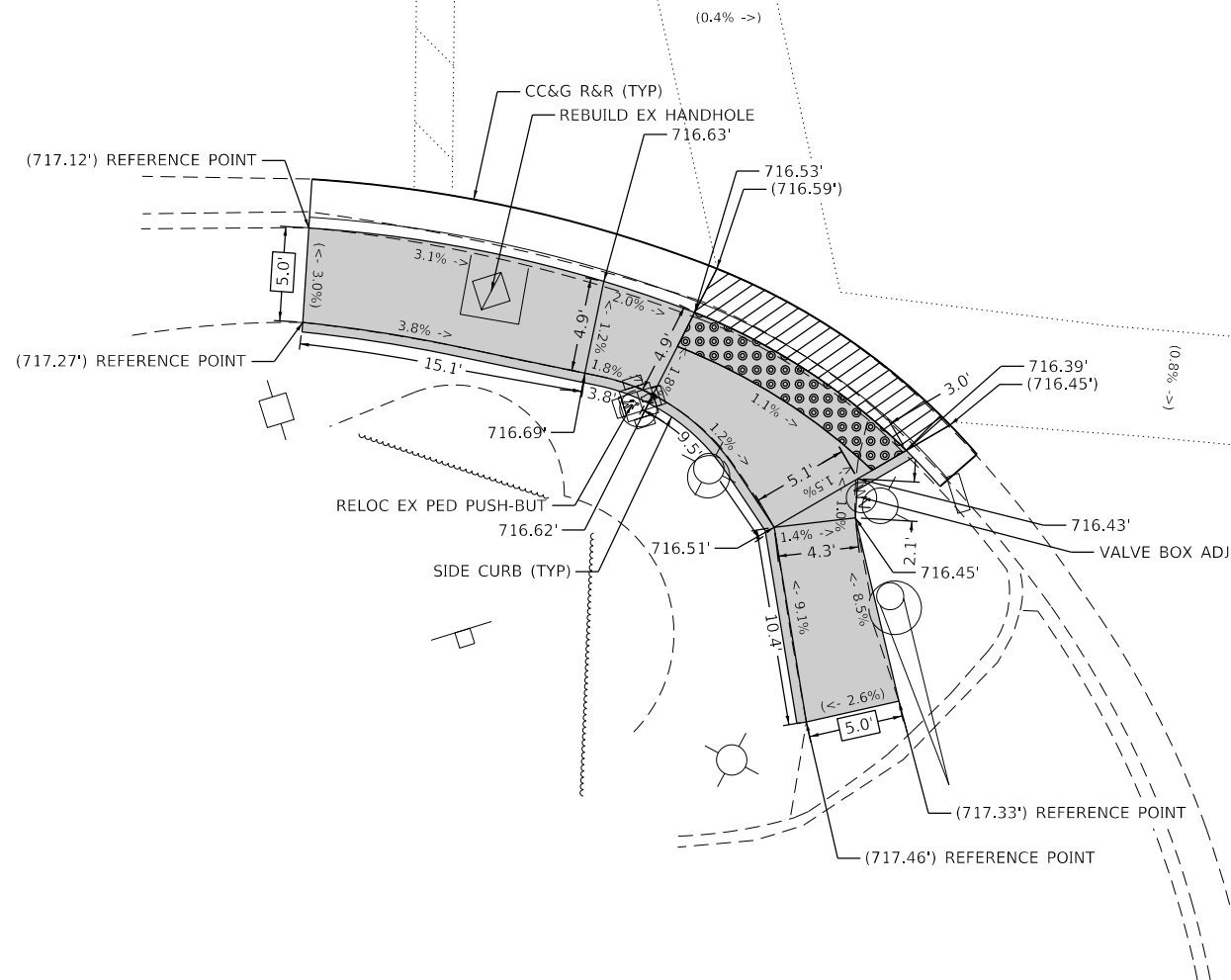
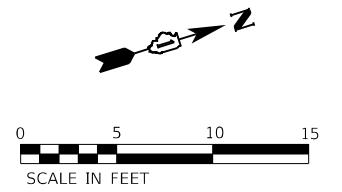
**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	56
CONTRACT NO. 62L93				
ILLINOIS		FED. AID PROJECT		



ARLINGTON HEIGHTS RD



HIGGINS RD

**NOTES:**

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

**LEGEND**

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

REFERENCE BENCHMARK 1030 EL 716.85' (NOT SHOWN)  
 BENCHMARK: SQUARE CUT ON NW COR OF DOUBLE HH  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND IL 72 (HIGGINS RD)

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	DATE -	REVISED -

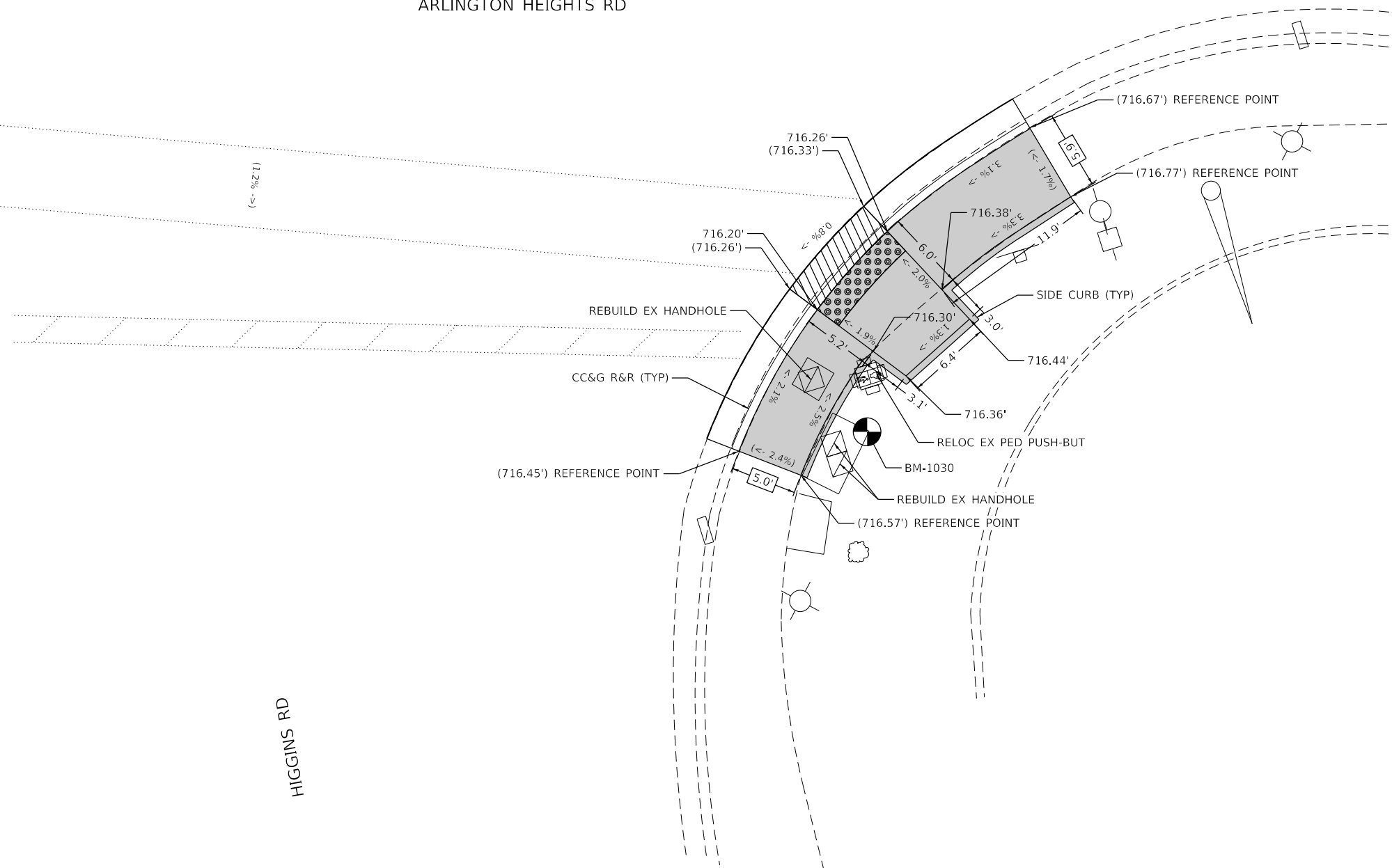
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	57
CONTRACT NO. 62L93				
		ILLINOIS	FED. AID PROJECT	

ARLINGTON HEIGHTS RD



NOTES:

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

**LEGEND**

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

REFERENCE BENCHMARK 1030 EL 716.85'  
 BENCHMARK: SQUARE CUT ON NW COR OF DOUBLE HH  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND IL 72 (HIGGINS RD)

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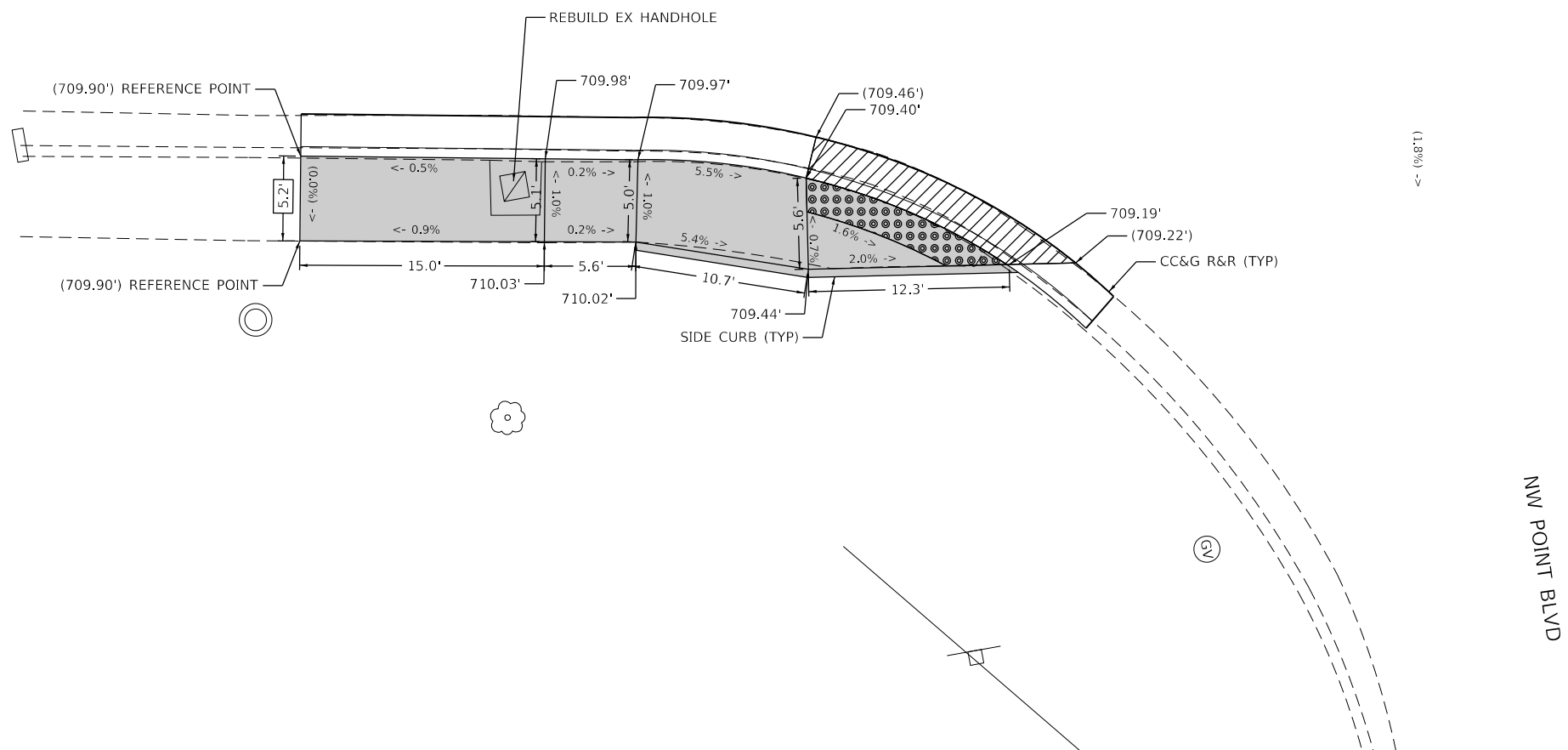
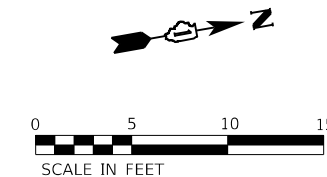
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	58
CONTRACT NO. 62L93			ILLINOIS FED. AID PROJECT	

ARLINGTON HEIGHTS RD



NOTES:

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

**LEGEND**

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

REFERENCE BENCHMARK 1488 EL 712.66' (NOT SHOWN)  
 BENCHMARK: "X" CUT ON SE BOLT ON FH  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND NW POINT BLVD

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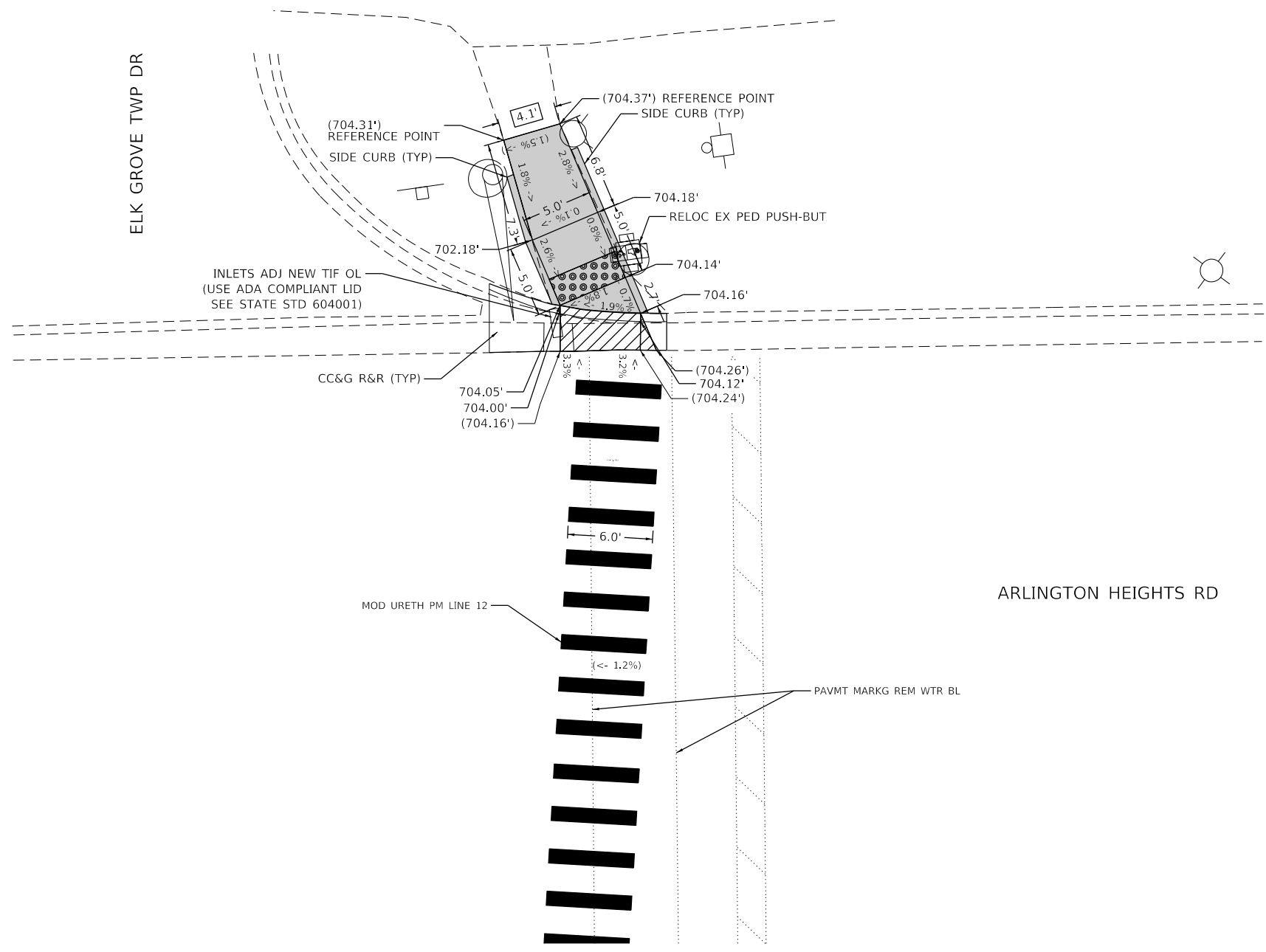
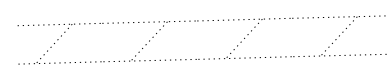
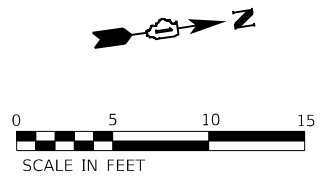
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PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	59
CONTRACT NO. 62L93				
ILLINOIS		FED. AID PROJECT		



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

REFERENCE BENCHMARK 1625 EL 705.45' (NOT SHOWN)  
 BENCHMARK: SQUARE CUT N OF TS BASE  
 LOCATION: EXIT RAMP FOR I-90 WB @ ARLINGTON HEIGHTS RD AND ELK GROVE TWP DR

**LEGEND**

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

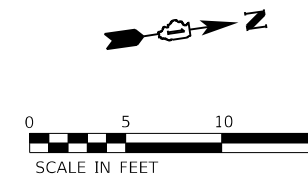
<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>ADA RAMP DETAILS</b>		2626	2020-115-R5&SW	COOK	129	60
		CONTRACT NO. 62L93				
		ILLINOIS FED. AID PROJECT				

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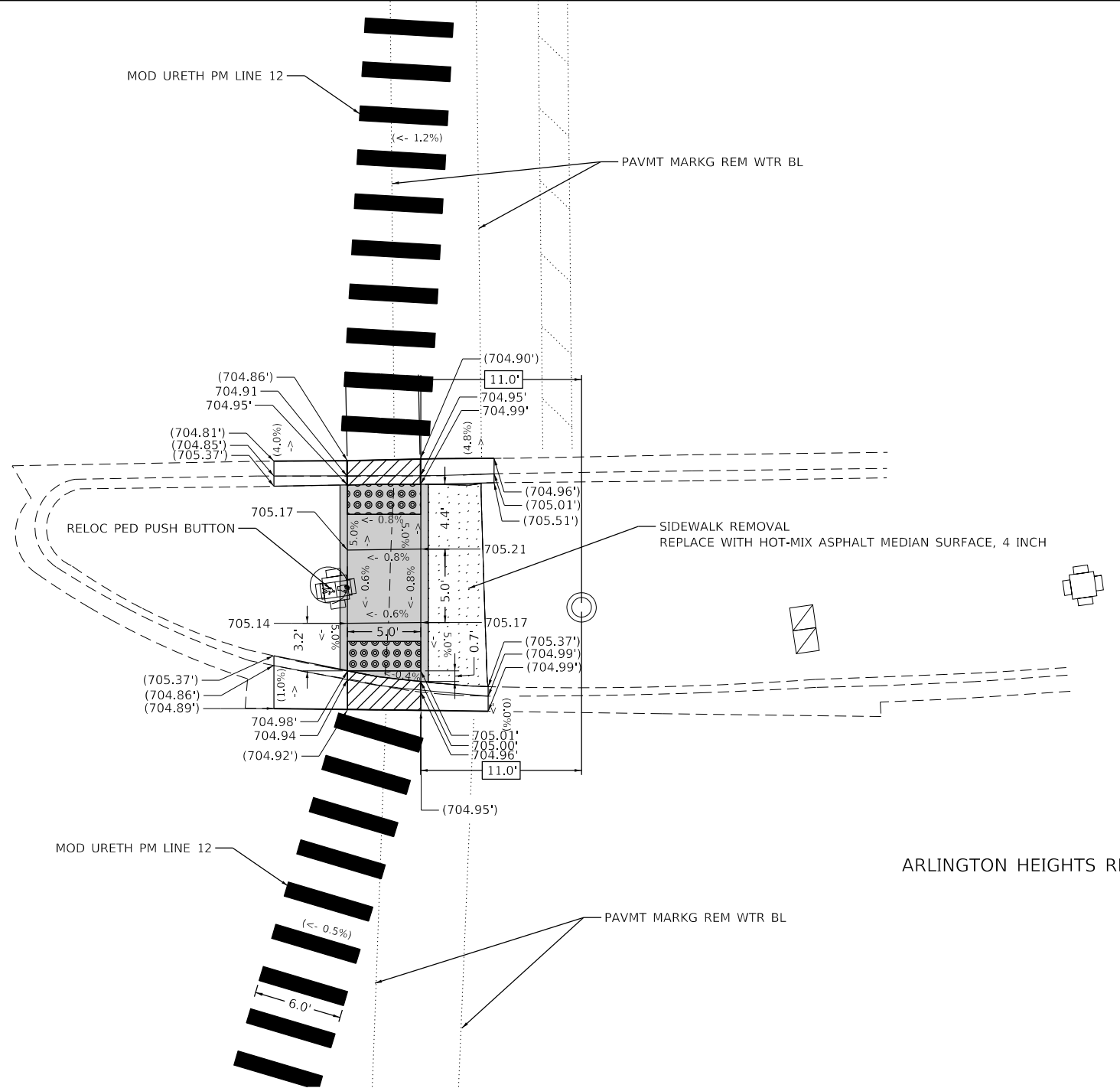
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PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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ELK GROVE TWP DR



**NOTES:**

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

REFERENCE BENCHMARK 1625 EL 705.45' (NOT SHOWN)  
 BENCHMARK: SQUARE CUT N OF TS BASE  
 LOCATION: EXIT RAMP FOR I-90 WB @ ARLINGTON HEIGHTS RD AND ELK GROVE TWP DR

**LEGEND**

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

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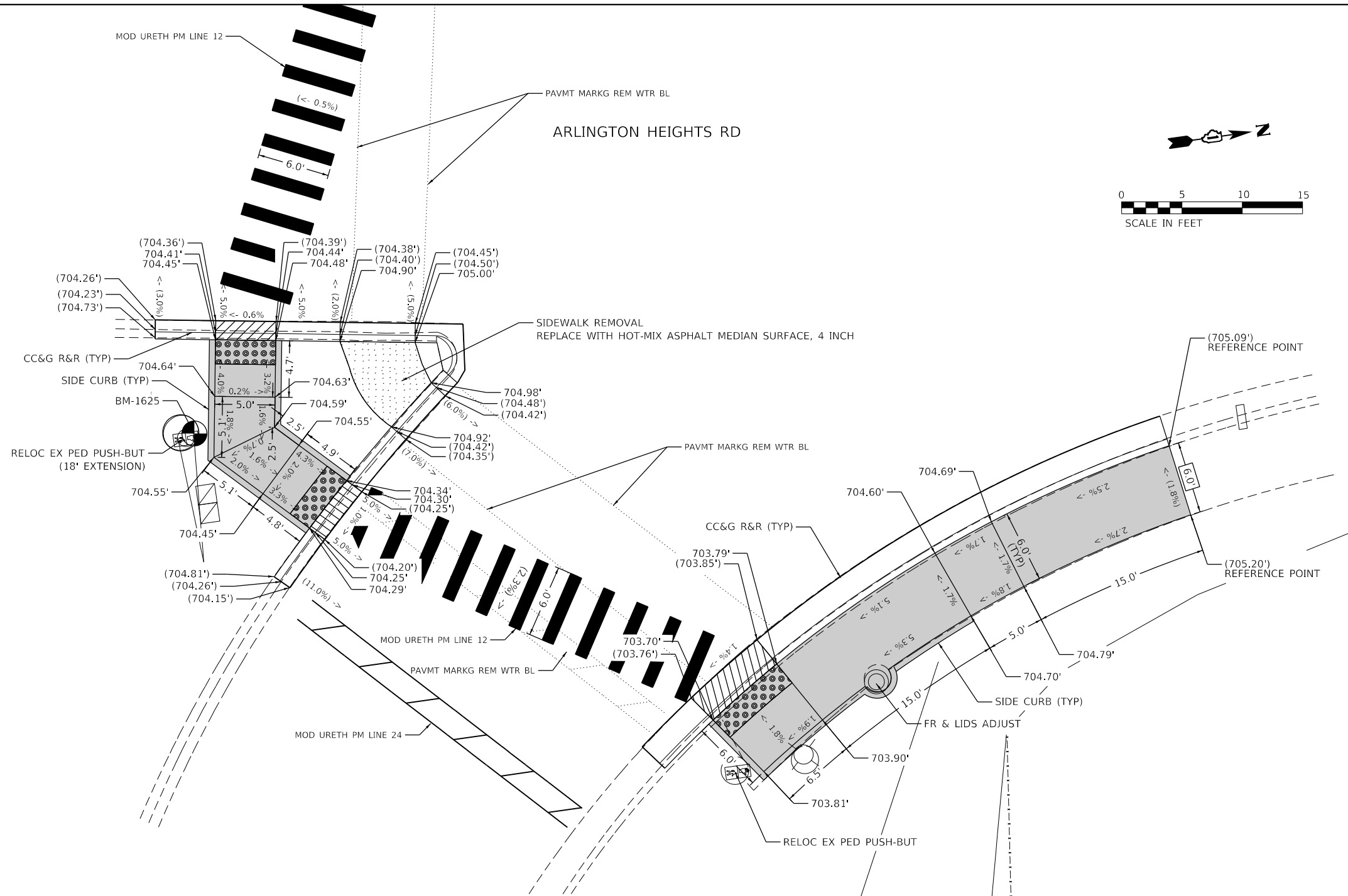
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PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	61
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



ELK GROVE TWP DR

**NOTES:**

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

REFERENCE BENCHMARK 1625 EL 705.45'  
 BENCHMARK: SQUARE CUT N OF TS BASE  
 LOCATION: EXIT RAMP FOR I-90 WB @ ARLINGTON HEIGHTS RD AND ELK GROVE TWP DR

**LEGEND**

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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

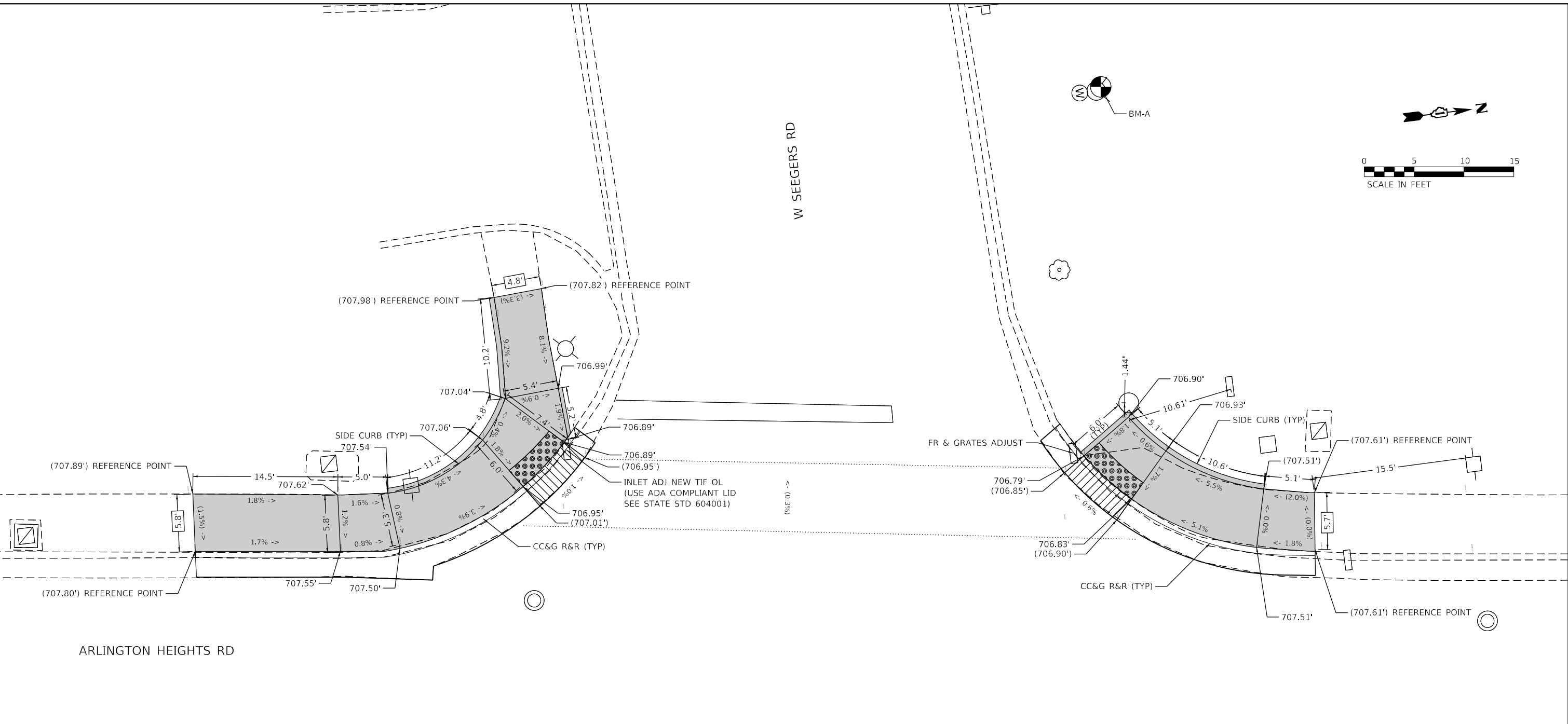
**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ADA RAMP DETAILS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	62
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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

**LEGEND**

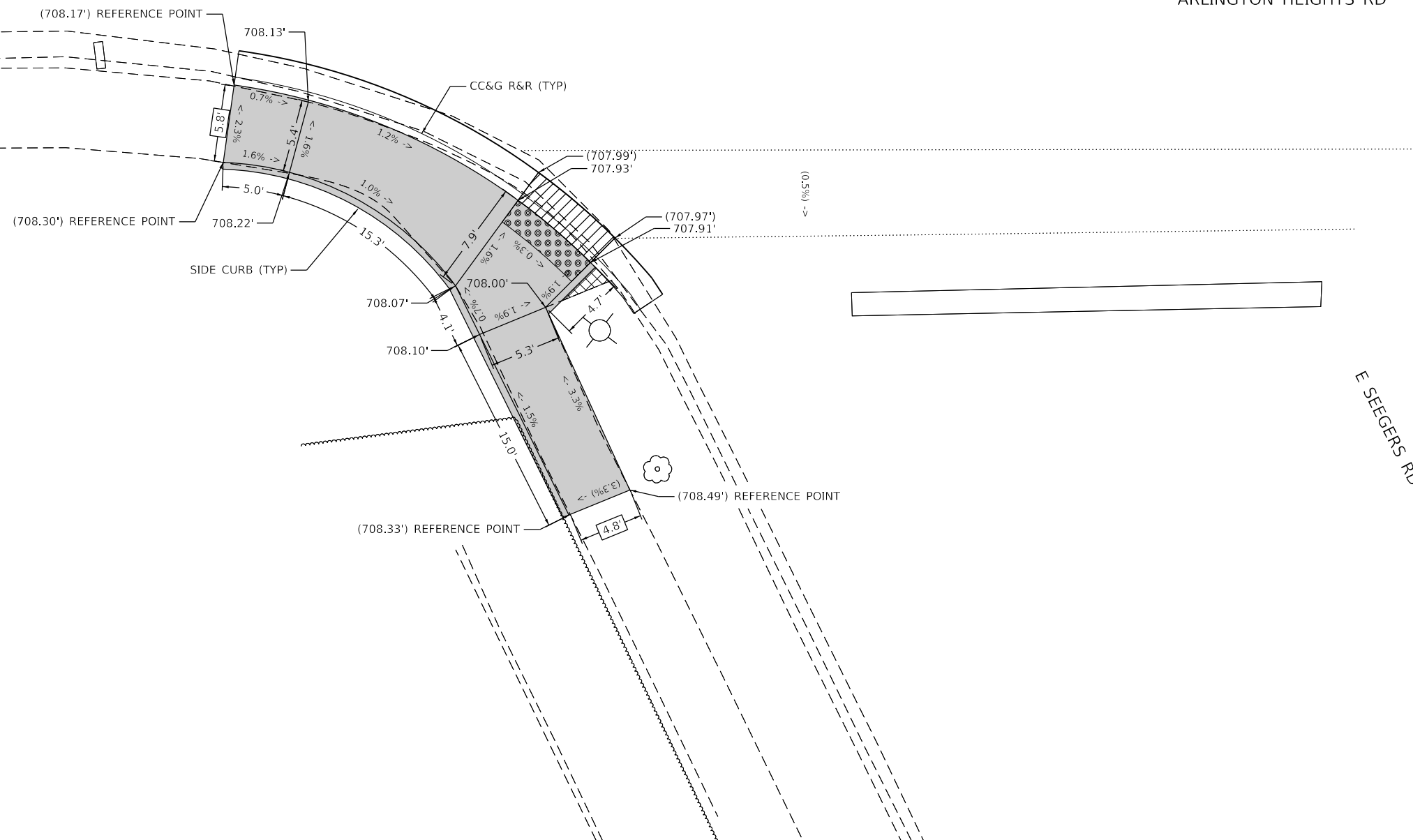
<span style="border: 1px solid black; padding: 2px;">XX.XX'</span>	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
<span style="display: inline-block; width: 20px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span>	PROPOSED SIDEWALK
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DETECTABLE WARNINGS
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK A EL 709.39'  
 BENCHMARK: "X" CUT ON NE BOLT OF FH  
 LOCATION: NW COR OF ARLINGTON HEIGHTS RD AND SEEGERS RD

	USER NAME = RGall PLOT SCALE = 10.0000" / in. PLOT DATE = 12/9/2020	DESIGNED - RG DRAWN - CS CHECKED - JH DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD) ADA RAMP DETAILS</b>	F.A.U. RTE. 2626 SECTION 2020-115-R5&SW COUNTY COOK ILLINOIS FED. AID PROJECT	TOTAL SHEETS 129 SHEET NO. 63 CONTRACT NO. 62L93
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	



ARLINGTON HEIGHTS RD



**NOTES:**

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

**LEGEND**

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

REFERENCE BENCHMARK A EL 709.39' (NOT SHOWN)  
 BENCHMARK: "X" CUT ON NE BOLT OF FH  
 LOCATION: NW COR OF ARLINGTON HEIGHTS RD AND SEEGERS RD

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PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

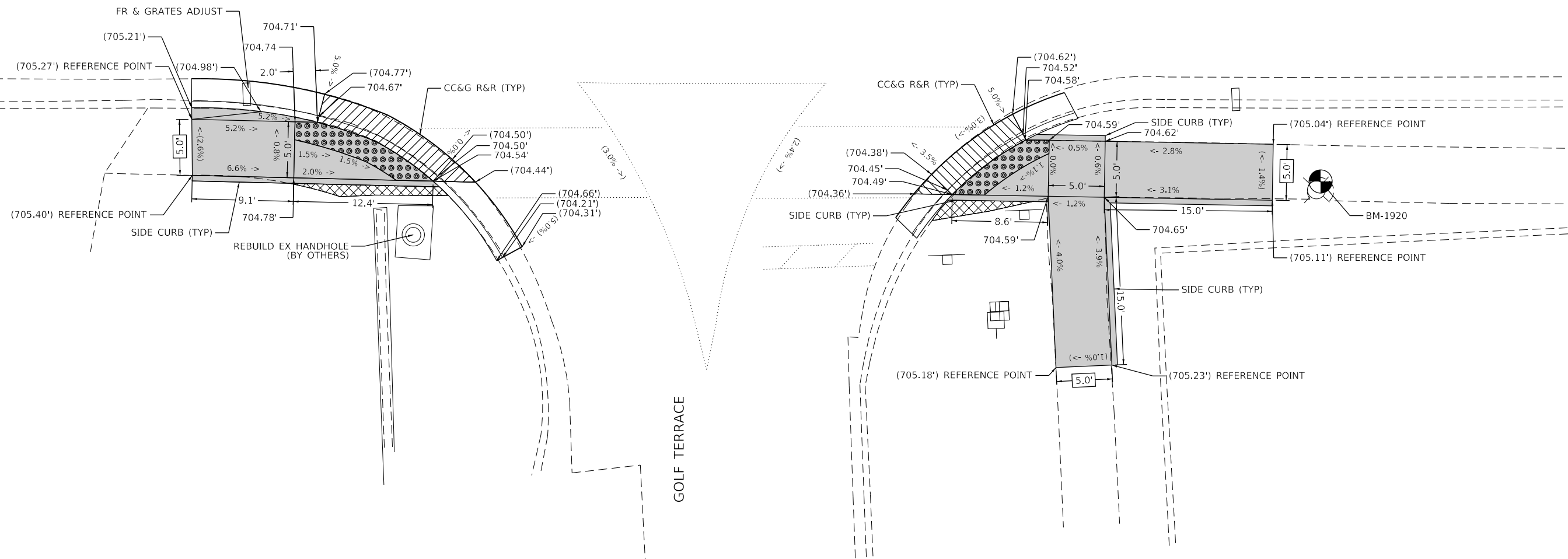
**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	64
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



ARLINGTON HEIGHTS RD



NOTES:

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

**LEGEND**

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

REFERENCE BENCHMARK 1920 EL 705.19  
 BENCHMARK: CUT SQUARE ON W OF LP BASE ± 50' N OF GOLF TERRACE  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND GOLF TERRACE

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

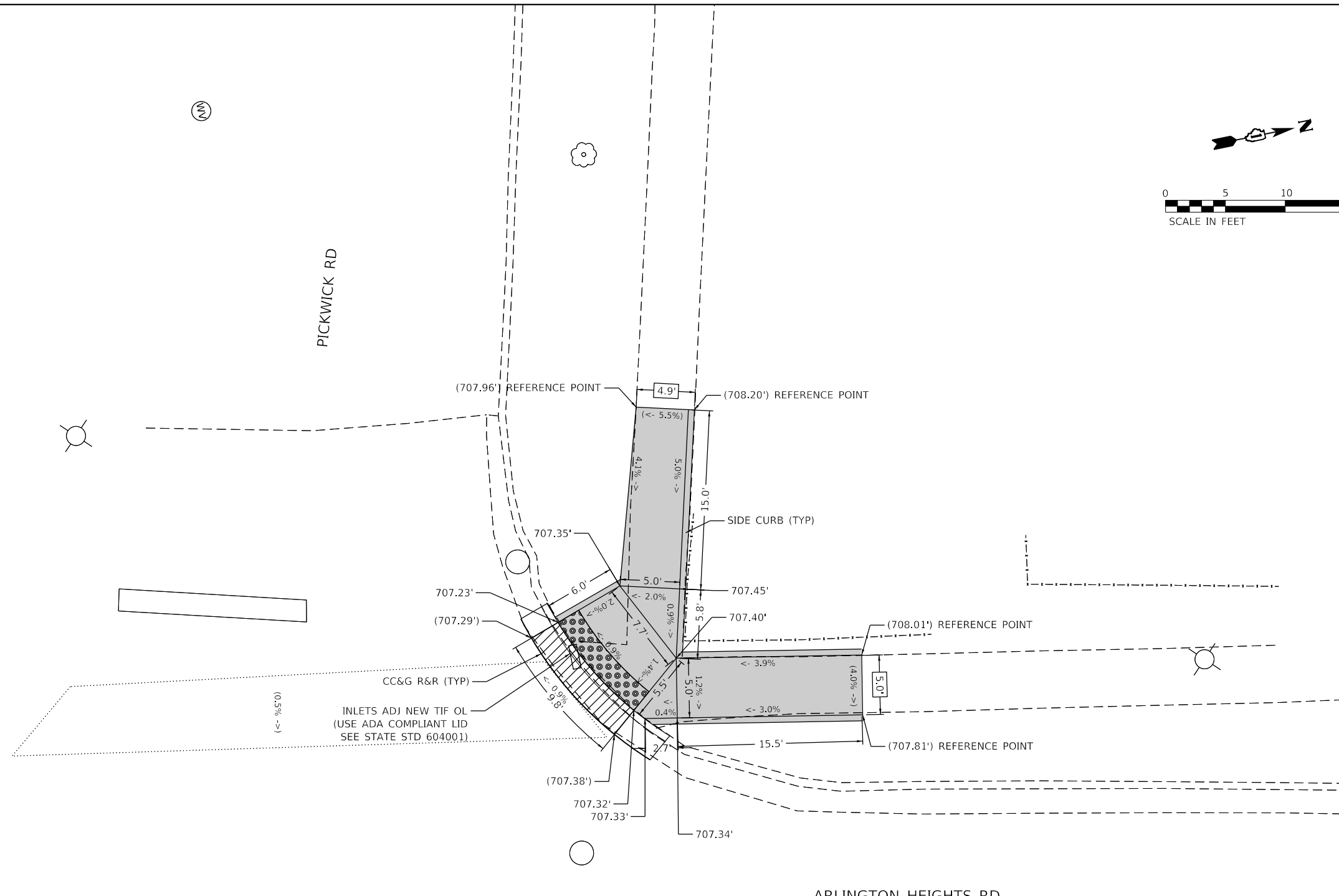
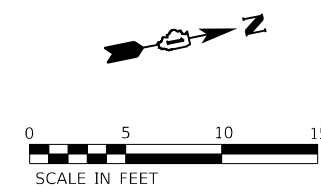
ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ADA RAMP DETAILS

USER NAME = RGall	DESIGNED - RG	REVISED -
PLOT SCALE = 10.0000" / in.	DRAWN - CS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -
	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	65
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

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

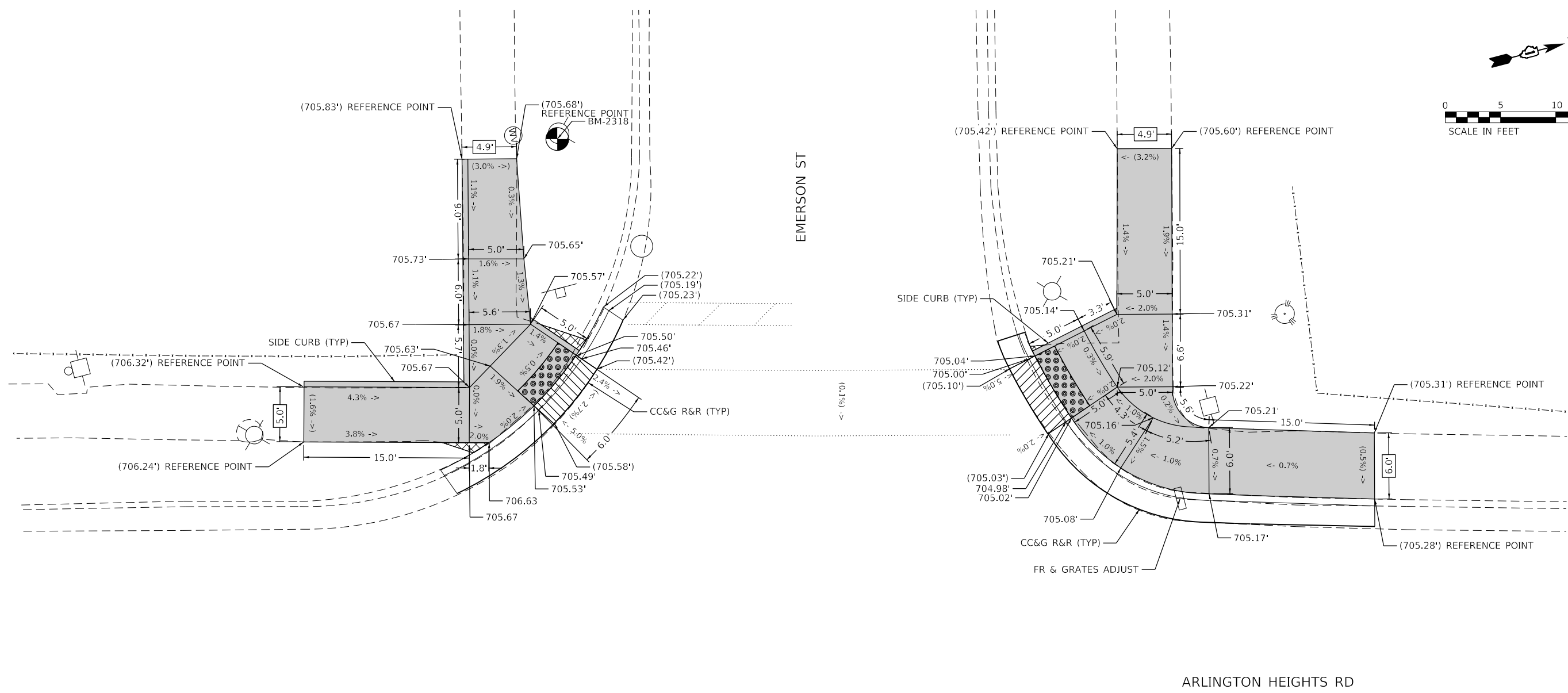
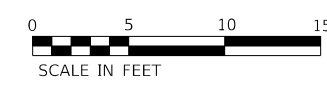
REFERENCE BENCHMARK B EL 709.18' (NOT SHOWN)  
 BENCHMARK: "X" CUT IN SE COR OF CONC BASE OF SPLICE BOX  
 LOCATION: S EDGE OF PICKWICK RD, ~150' W OF ARLINGTON HEIGHTS CENTERLINE.

**LEGEND**

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

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	PLOT SCALE = 10.0000' / in.	DRAWN - CS	REVISED -						2626	2020-115-R5&SW	COOK	129	66
	PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62L93
		DATE -	REVISED -										ILLINOIS FED. AID PROJECT



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

REFERENCE BENCHMARK 2318 EL 707.03'  
 BENCHMARK: "X" CUT ON SE BOLT ON FH  
 LOCATION: SW COR OF ARLINGTON HEIGHTS RD AND EMERSON ST

**LEGEND**

<span style="border: 1px solid black; padding: 2px;">XX.XX'</span>	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
<span style="display: inline-block; width: 20px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span>	PROPOSED SIDEWALK
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DETECTABLE WARNINGS
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DEPRESSED CURB AND GUTTER

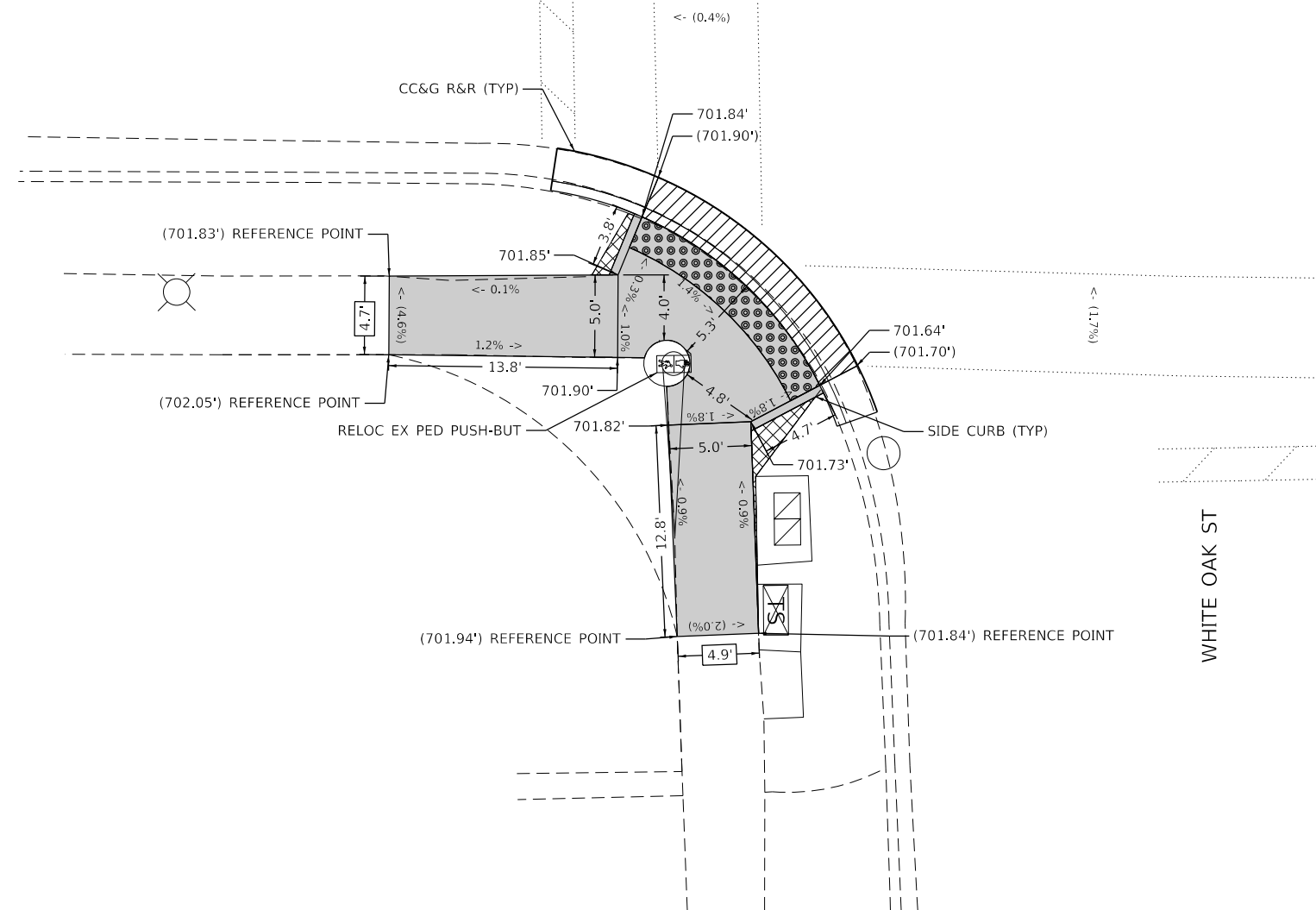
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<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD) ADA RAMP DETAILS</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62L93	
								ILLINOIS FED. AID PROJECT	





ARLINGTON HEIGHTS RD



**NOTES:**

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

REFERENCE BENCHMARK 2857 EL 702.04' (NOT SHOWN)  
 BENCHMARK: SQUARE CUT ON N SIDE OF CONC BASE FOR MAST ARM TS  
 LOCATION: SE COR OF ARLINGTON HEIGHTS RD AND WHITE OAK ST

**LEGEND**

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

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PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

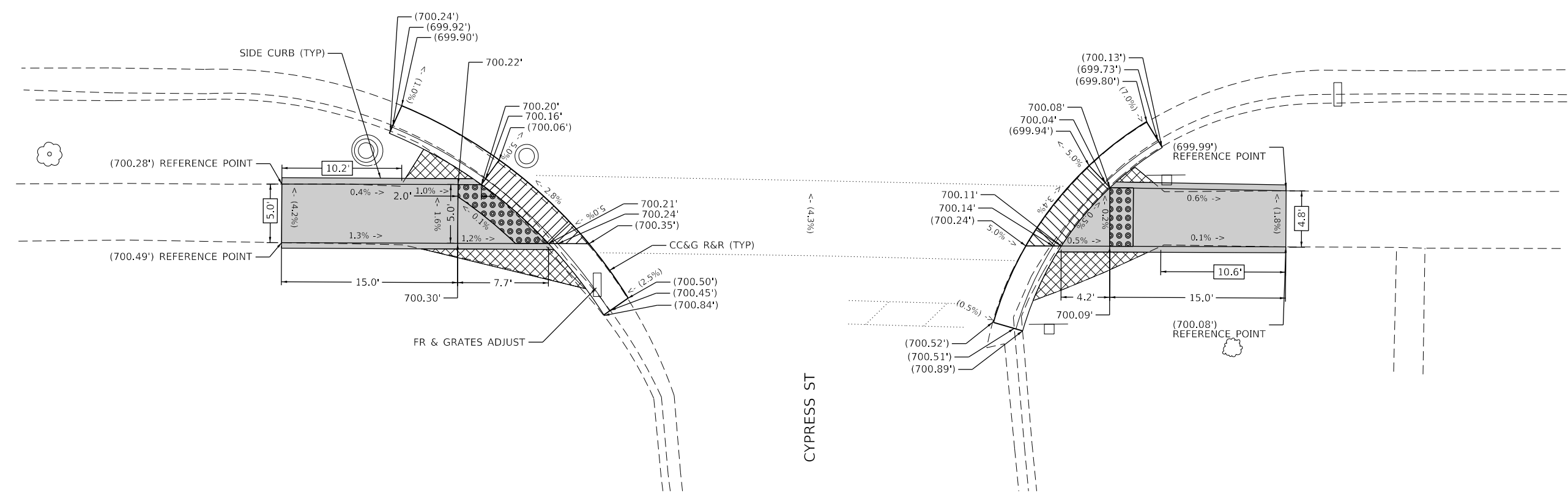
**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	70
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



ARLINGTON HEIGHTS RD



**NOTES:**

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

REFERENCE BENCHMARK 3201 EL 700.38' (NOT SHOWN)  
 BENCHMARK: "X" CUT ON SE BOLT ON FH  
 LOCATION: SW COR OF ARLINGTON HEIGHTS RD AND CYPRESS ST

**LEGEND**

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

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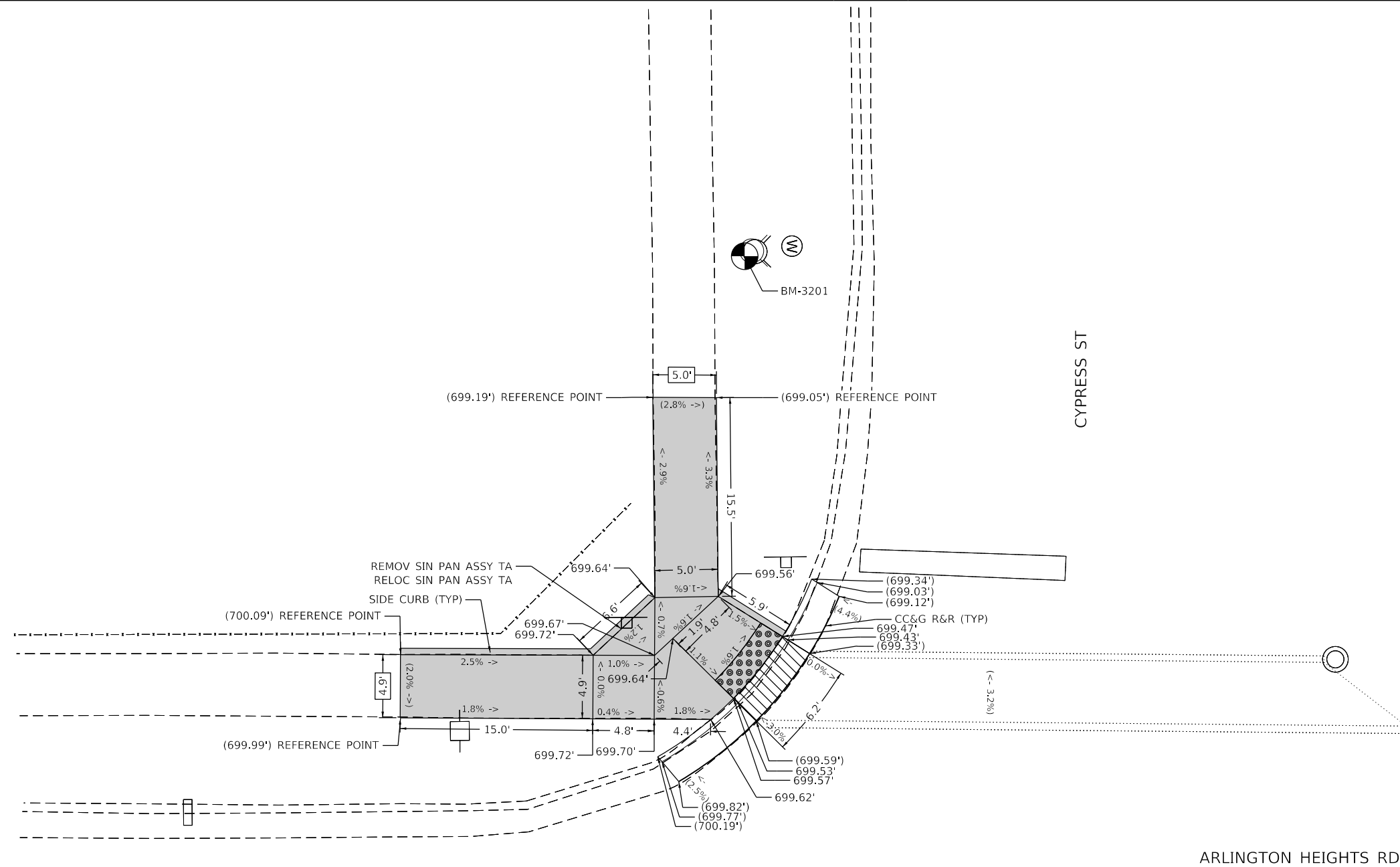
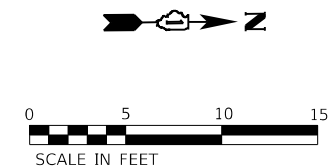
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PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	71
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



**NOTES:**

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

REFERENCE BENCHMARK 3201 EL 700.38'  
 BENCHMARK: "X" CUT ON SE BOLT OF FH  
 LOCATION: SW COR OF ARLINGTON HEIGHTS RD AND CYPRESS ST

**LEGEND**

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

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	DRAWN - CS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

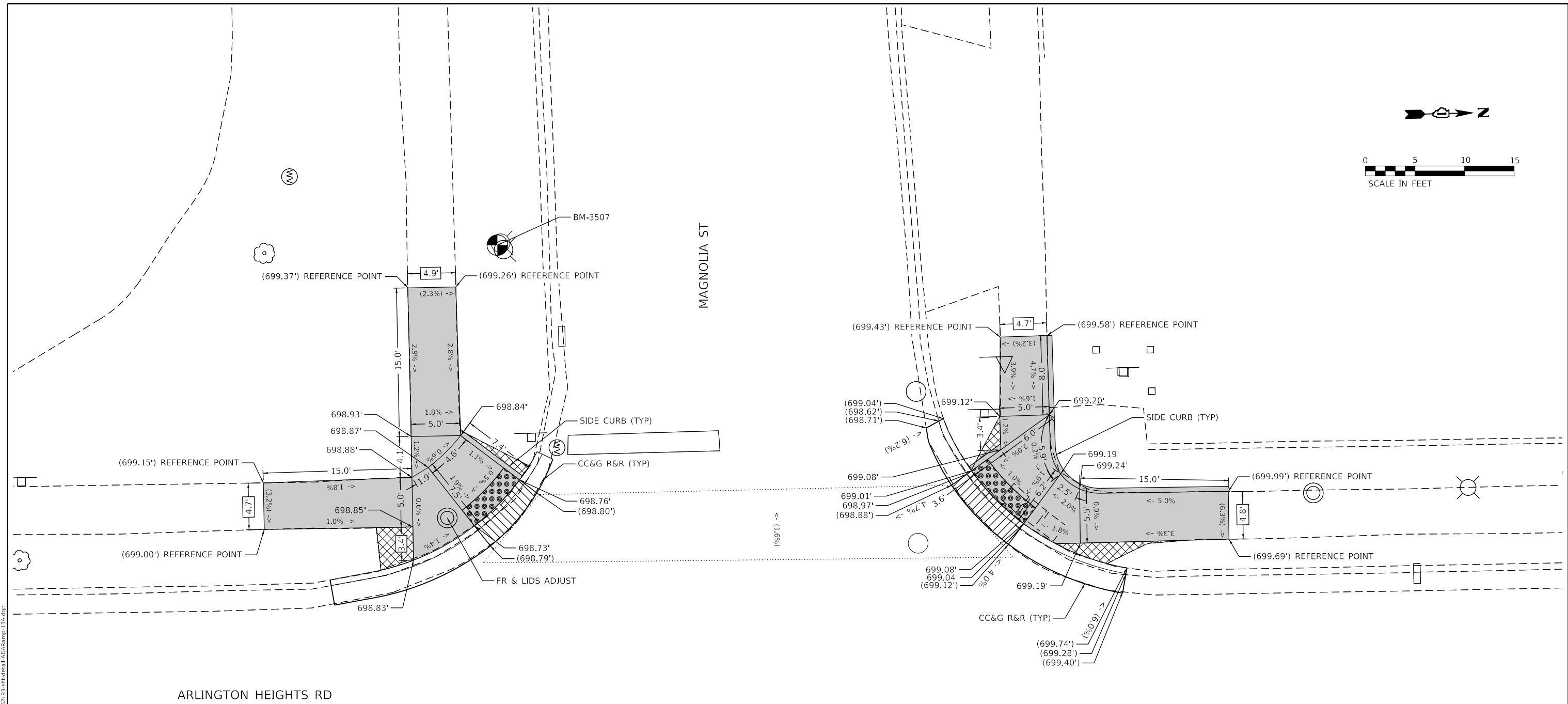
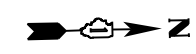
**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	72
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				







ARLINGTON HEIGHTS RD

NOTES:

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

REFERENCE BENCHMARK 3507 EL 700.16'  
 BENCHMARK: "X" CUT ON S BOLT OF FH  
 LOCATION: SW COR OF ARLINGTON HEIGHTS RD AND MAGNOLIA ST

LEGEND

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

MODEL: D:\d\h\h\... FILE NAME: 20120308.07 IDOT D1 PFB 192-007 MOT Arlington Heights Resurfacing\CGN\Design\Performs\Sheet\62L93.rvt Detail ADA Ramp-13A.dgn

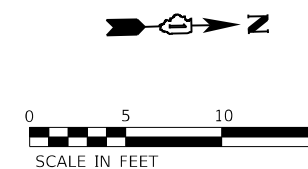
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PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ADA RAMP DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	74
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



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

REFERENCE BENCHMARK E EL 697.15' (NOT SHOWN)  
 BENCHMARK: "X" CUT IN NE COR OF CONC BASE TO CONTROLLER BOX  
 LOCATION: S EDGE OF MAPLE ST, ~150' W OF ARLINGTON HEIGHTS RD

**LEGEND**

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

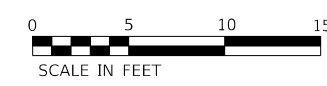
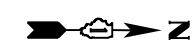
<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>ADA RAMP DETAILS</b>		2626	2020-115-R5&SW	COOK	129	75
		CONTRACT NO. 62L93				
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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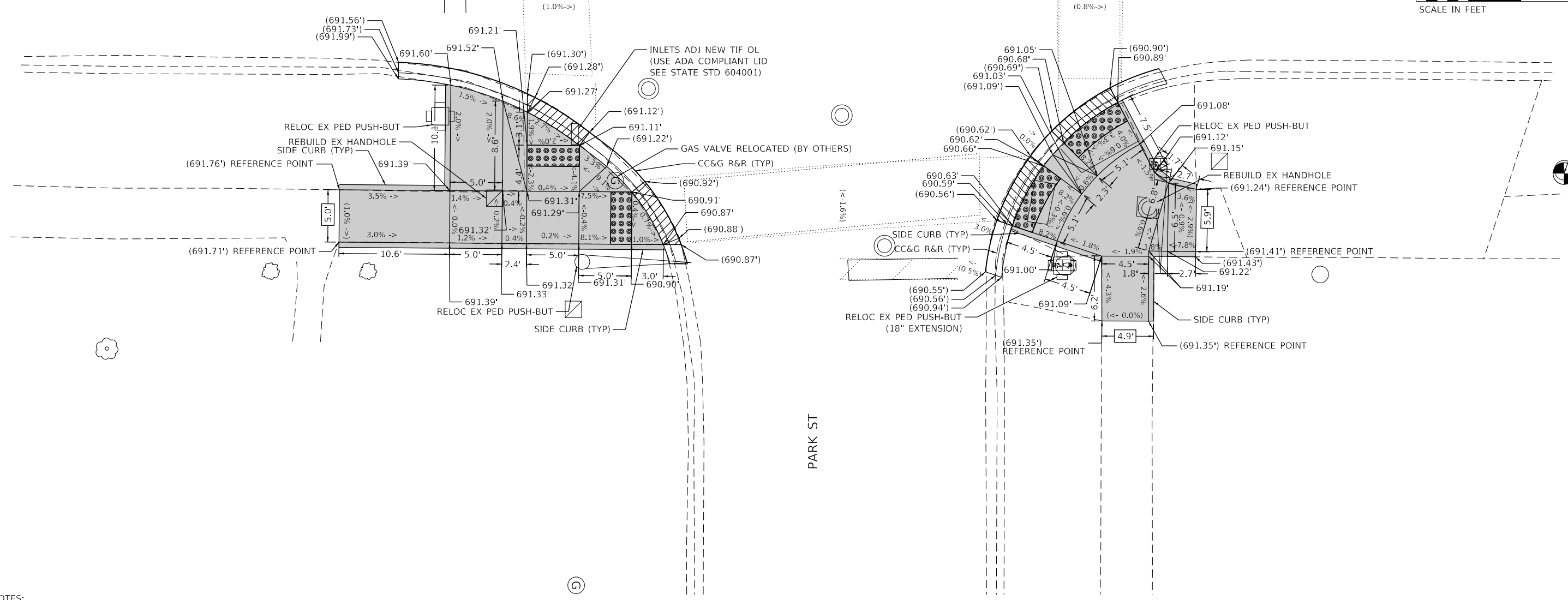
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PLOT SCALE = 10.0000' / in.	DATE -	REVISED -
PLOT DATE = 12/9/2020		

ILLINOIS		FED. AID PROJECT	
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ARLINGTON HEIGHTS RD

PARK ST



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

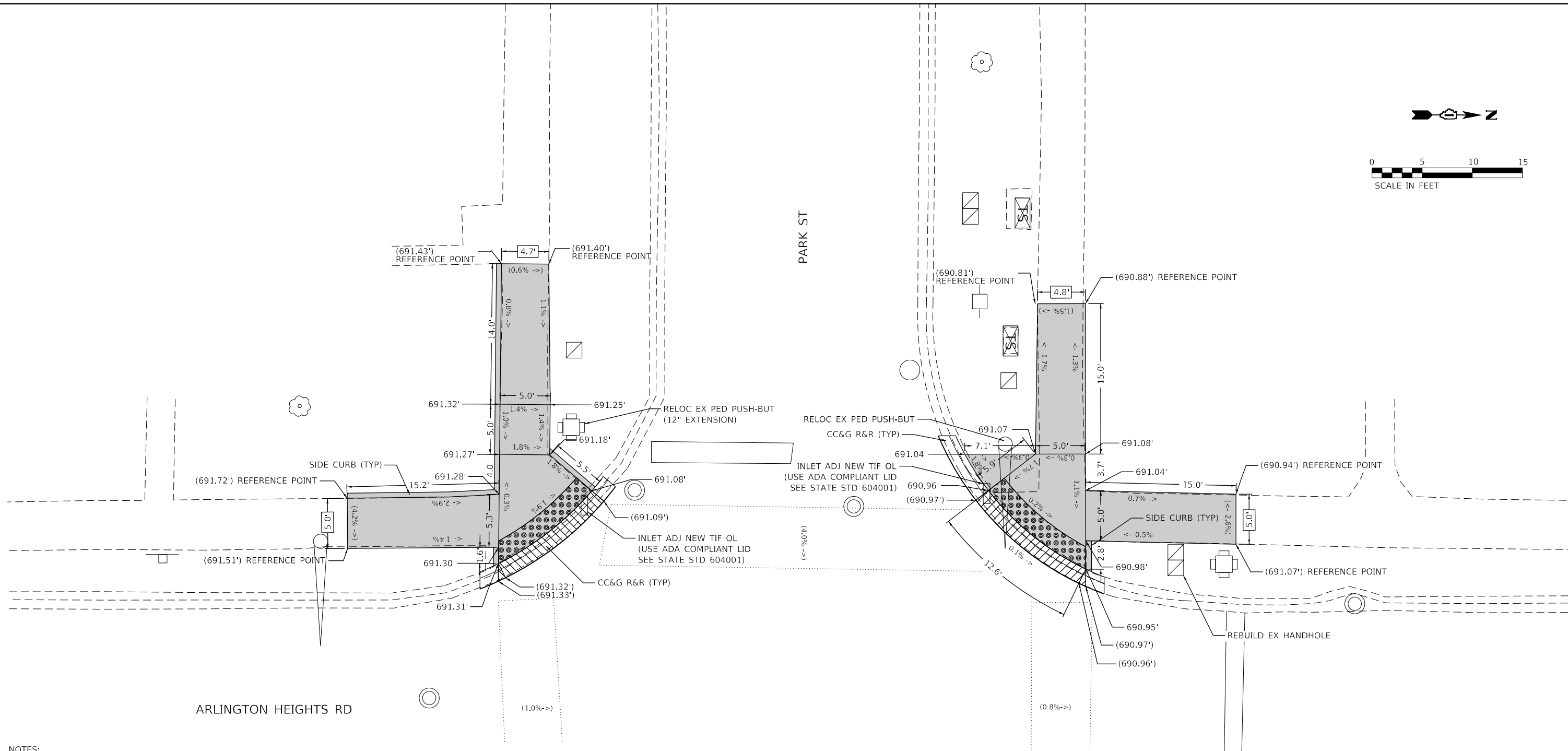
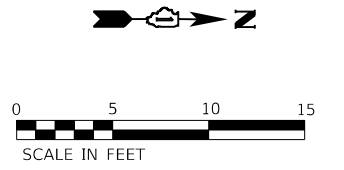
**LEGEND**

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 3705 EL 692.53'  
 BENCHMARK: "X" CUT ON NE BOLT ON FH  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND PARK ST

MODEL: D:\p\11\120338.07 IDOT D1 PFB 192-007\_MOT\_Arlington Heights\_Resurfacing\CD\Design\Plan\ADA\_Ramp\_Sheets\ID162L93\_rhdetail\_ADA\_Ramp-14.dgn  
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					2626	2020-115-R5&SW	COOK	129	76
					CONTRACT NO. 62L93				
					ILLINOIS FED. AID PROJECT				



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

**LEGEND**

<span style="border: 1px solid black; padding: 2px;">XX.XX'</span>	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
<span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span>	PROPOSED SIDEWALK
<span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DETECTABLE WARNINGS
<span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
<span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 3705 EL 692.53' (NOT SHOWN)  
 BENCHMARK: \*X" CUT ON NE BOLT ON FH  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND PARK ST

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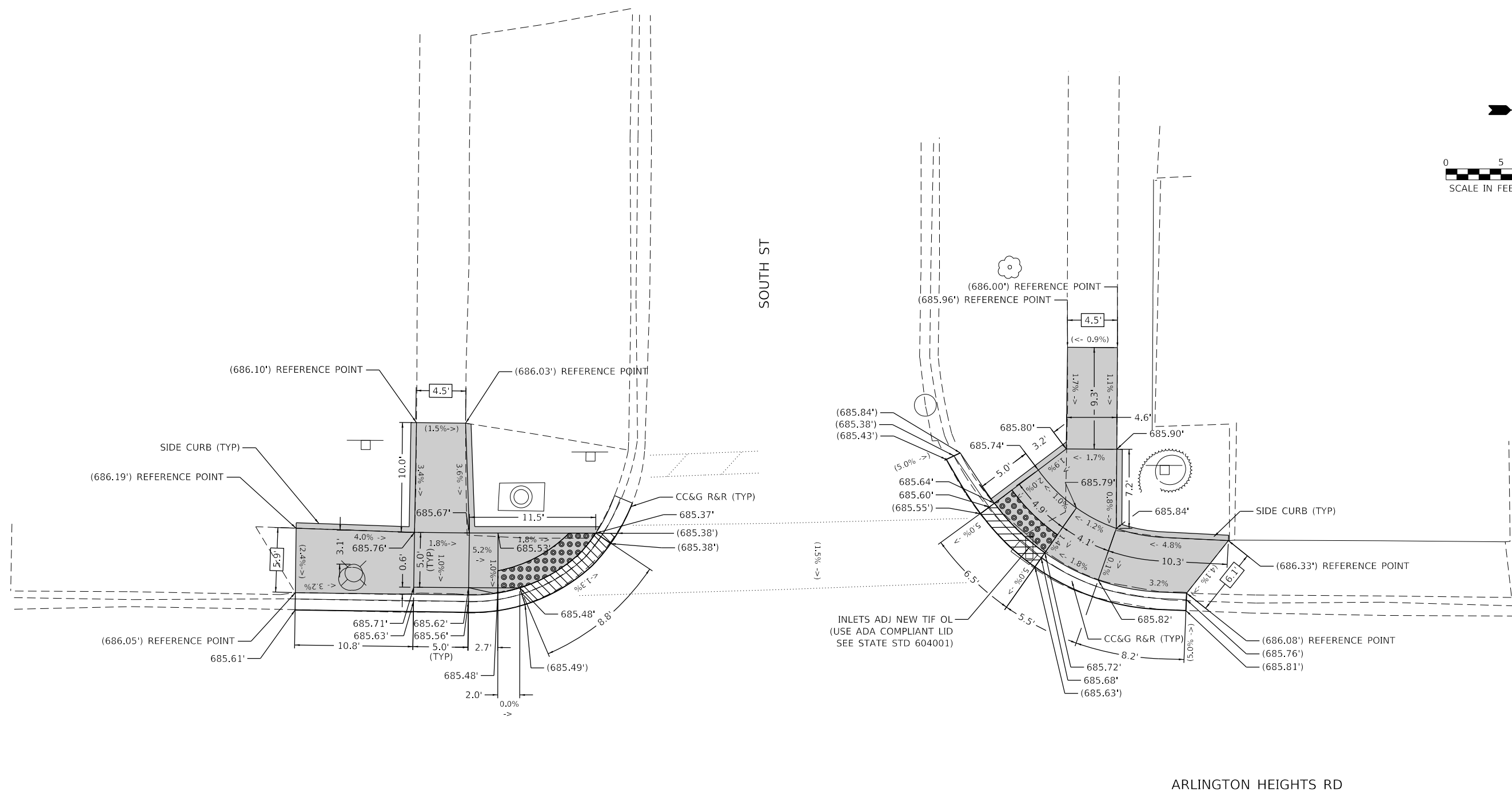
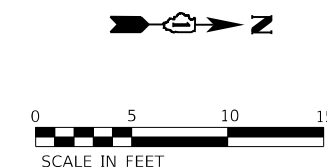
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PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD) ADA RAMP DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	77
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				





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

REFERENCE BENCHMARK 4547 EL 687.35' (NOT SHOWN)  
 BENCHMARK: "X" CUT ON NE BOLT ON FH  
 LOCATION: SE COR OF ARLINGTON HEIGHTS RD AND SOUTH ST

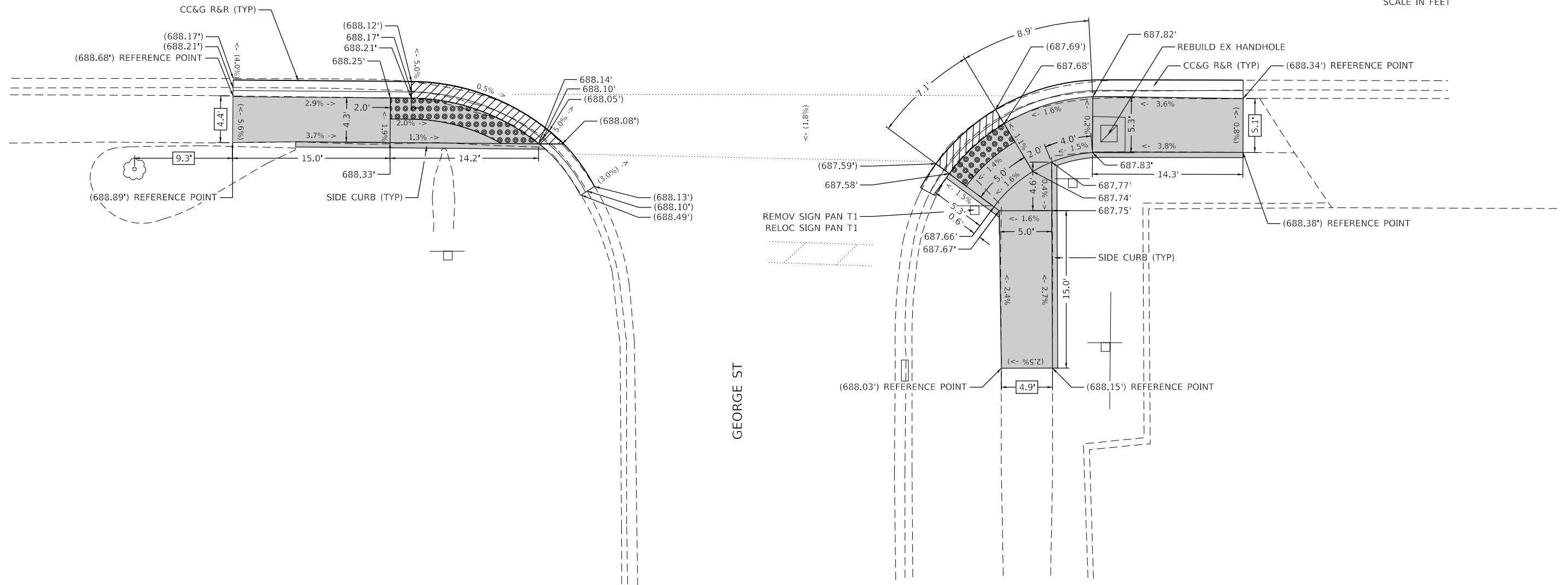
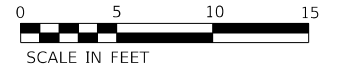
**LEGEND**

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

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	PLOT SCALE = 10.0000' / in.	CHECKED - JH	REVISED -			CONTRACT NO. 62L93				
	PLOT DATE = 12/9/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
										ILLINOIS FED. AID PROJECT

ARLINGTON HEIGHTS RD



NOTES:

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

**LEGEND**

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

REFERENCE BENCHMARK 4811 EL 688.64' (NOT SHOWN)  
 BENCHMARK: SQUARE CUT ON W SIDE ON CONC LP BASE ± 75' N OF GEORGE ST  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND GEORGE ST

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PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	80
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

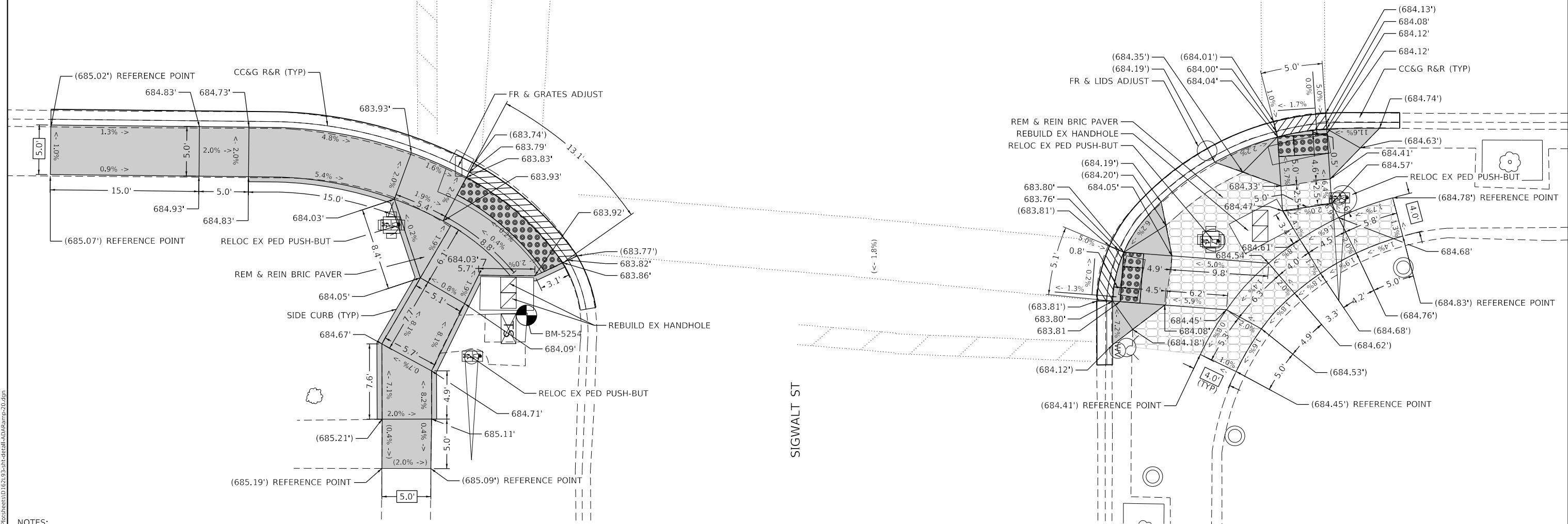






ARLINGTON HEIGHTS RD

SIGWALT ST



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

REFERENCE BENCHMARK 5254 EL 685.11'  
 BENCHMARK: SQUARE CUT ON NW COR OF TCB  
 LOCATION: SE COR OF ARLINGTON HEIGHTS RD AND SIGWALT ST

**LEGEND**

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

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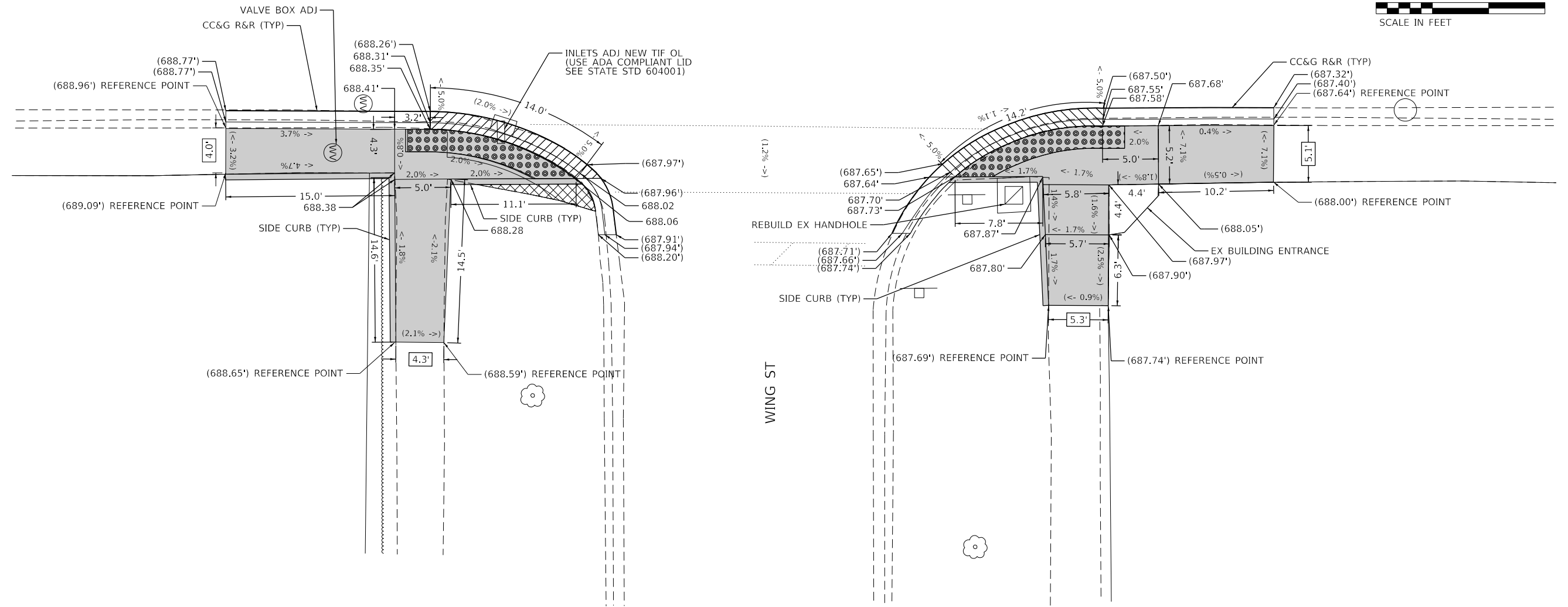
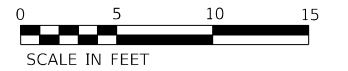
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PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)</b>			
<b>ADA RAMP DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	82
CONTRACT NO. 62L93				
		ILLINOIS	FED. AID PROJECT	

ARLINGTON HEIGHTS RD



NOTES:

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

REFERENCE BENCHMARK 5604 EL 690.97' (NOT SHOWN)  
 BENCHMARK: "X" CUT ON SW BOLT ON FH  
 LOCATION: SW COR OF ARLINGTON HEIGHTS RD AND WING ST

**LEGEND**

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

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	DRAWN - CS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

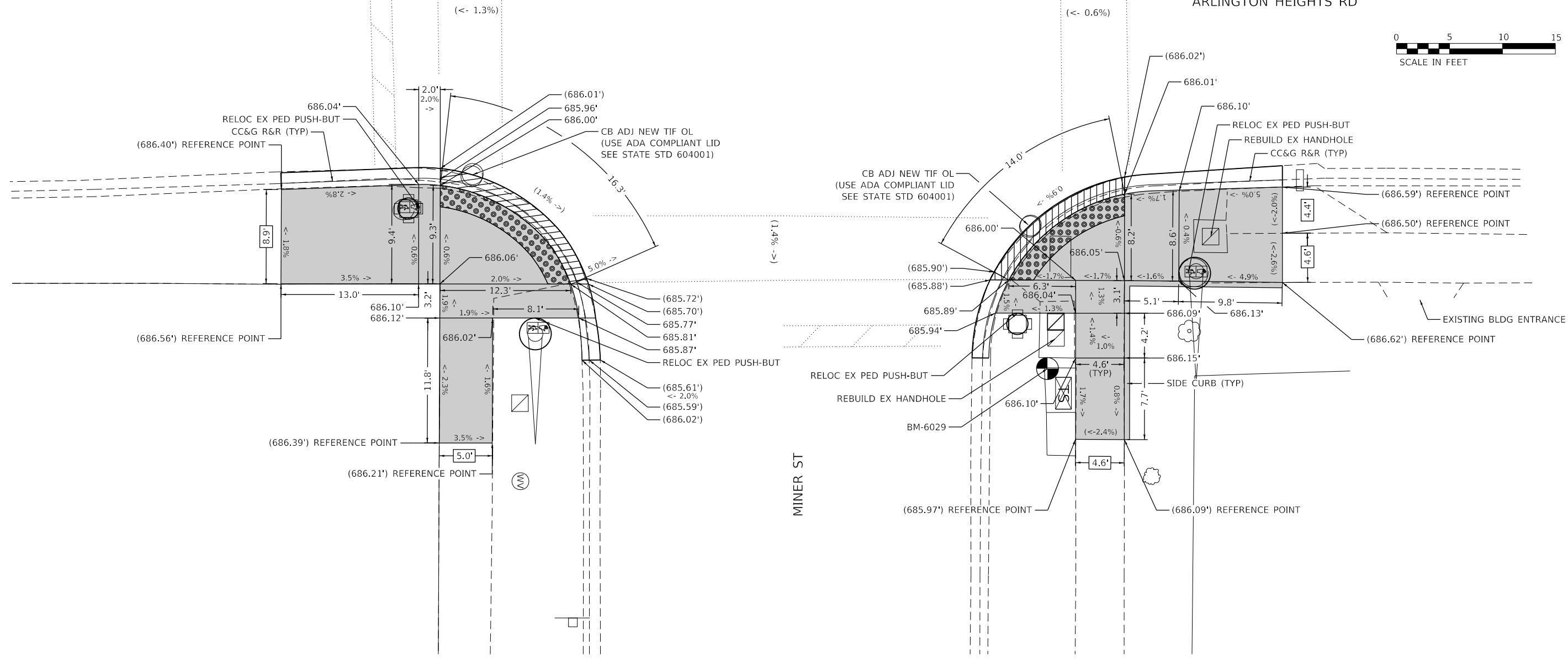
**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	83
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



ARLINGTON HEIGHTS RD



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

**LEGEND**

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 6029 EL 686.48'  
 BENCHMARK: SQUARE CUT ON SW COR OF TCB  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND MINOR ST

MODEL: D:\a\h\1  
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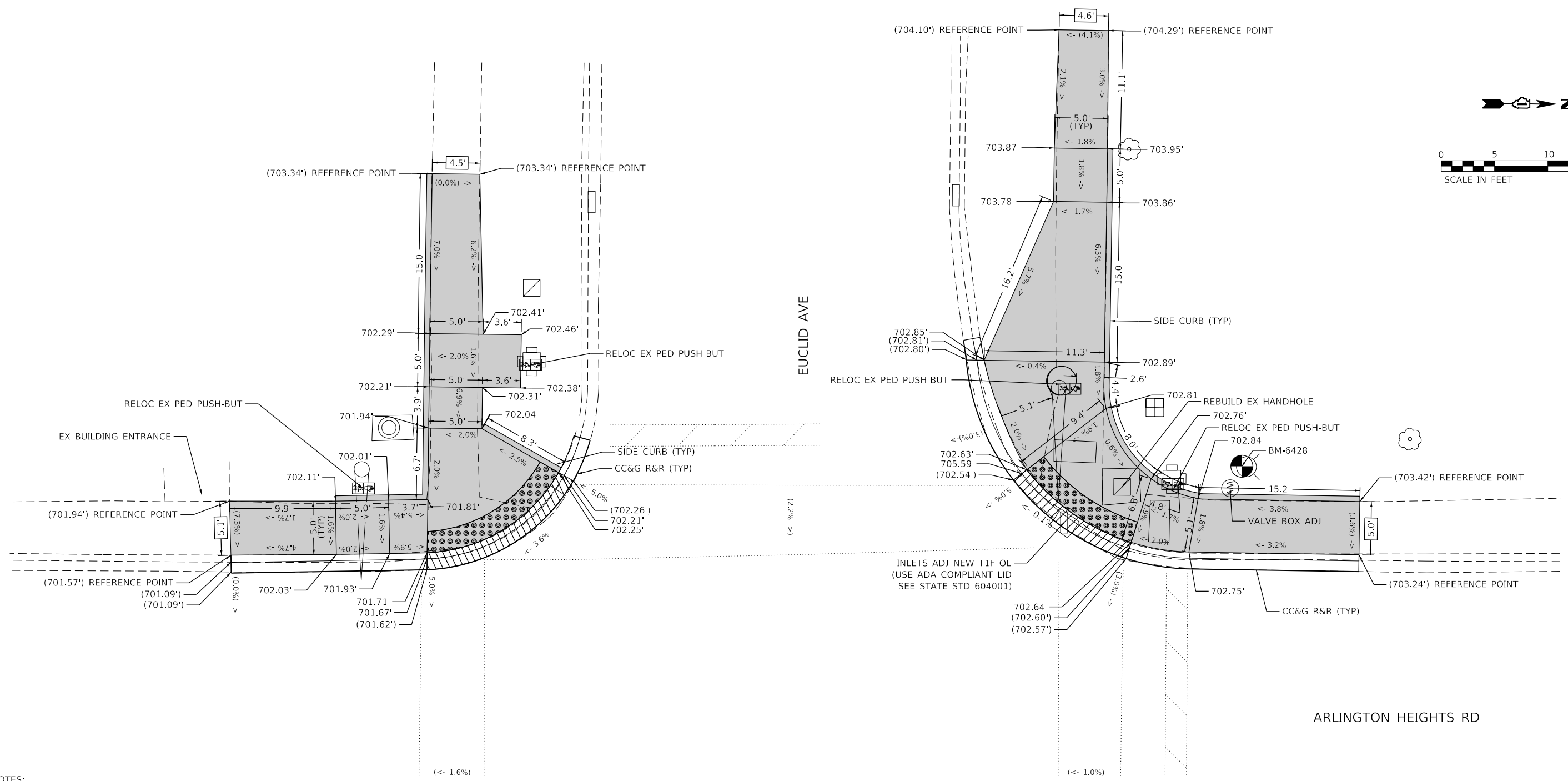
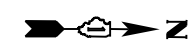
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PLOT SCALE = 10,0019' / In.	DRAWN - CS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	84
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



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

**LEGEND**

<span style="border: 1px solid black; padding: 2px;">XX.XX'</span>	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
<span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span>	PROPOSED SIDEWALK
<span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DETECTABLE WARNINGS
<span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
<span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 6428 EL 705.67'  
 BENCHMARK: "X" CUT ON NW BOLT ON FH  
 LOCATION: NW COR OF ARLINGTON HEIGHTS RD AND EUCLID AVE

MODEL: D:\p\11\120038.07\DOT D1\_PFB\_192-007\_MOT\_Arlington Heights\_Resurfacing\DOT\Design\Profile\ProfileSheet\162103.rvt; Detail: ADA Ramp-2.dgn  
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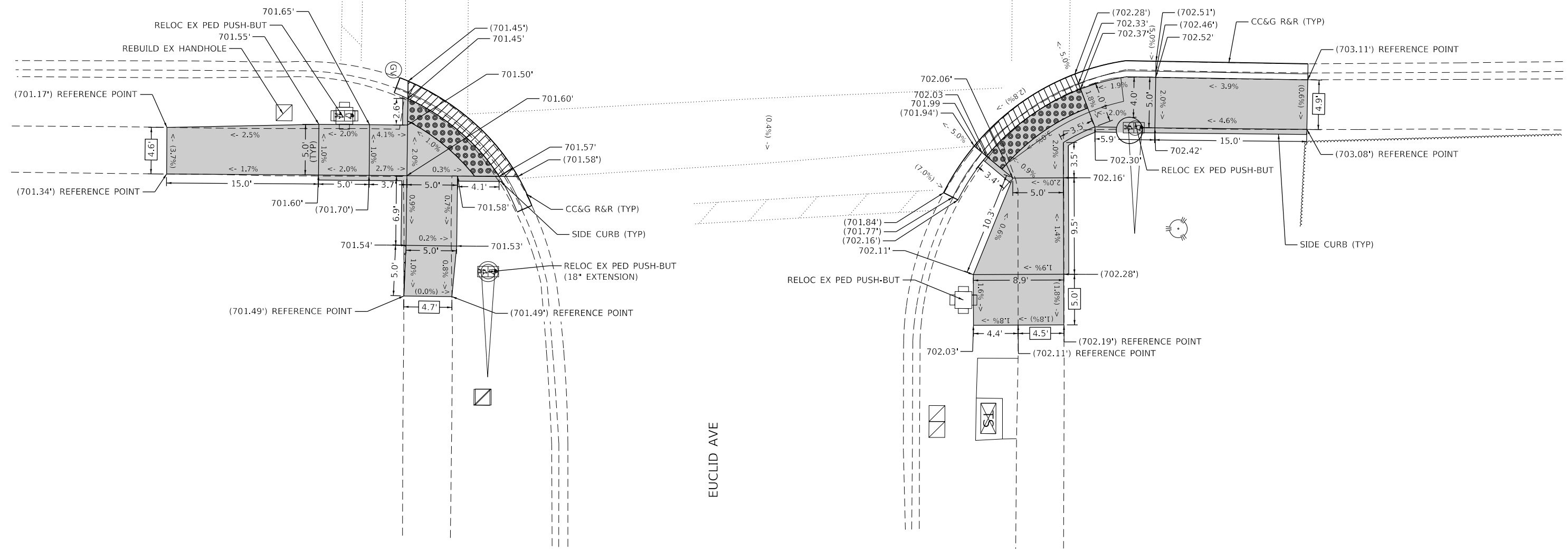
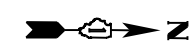
USER NAME = RGall	DESIGNED - RG	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - CS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	85
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



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

**LEGEND**

<span style="border: 1px solid black; padding: 2px;">XX.XX'</span>	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
<span style="display: inline-block; width: 20px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span>	PROPOSED SIDEWALK
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DETECTABLE WARNINGS
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 6428 EL 705.67' (NOT SHOWN)  
 BENCHMARK: "X" CUT ON NW BOLT ON FH  
 LOCATION: NW COR OF ARLINGTON HEIGHTS RD AND EUCLID AVE

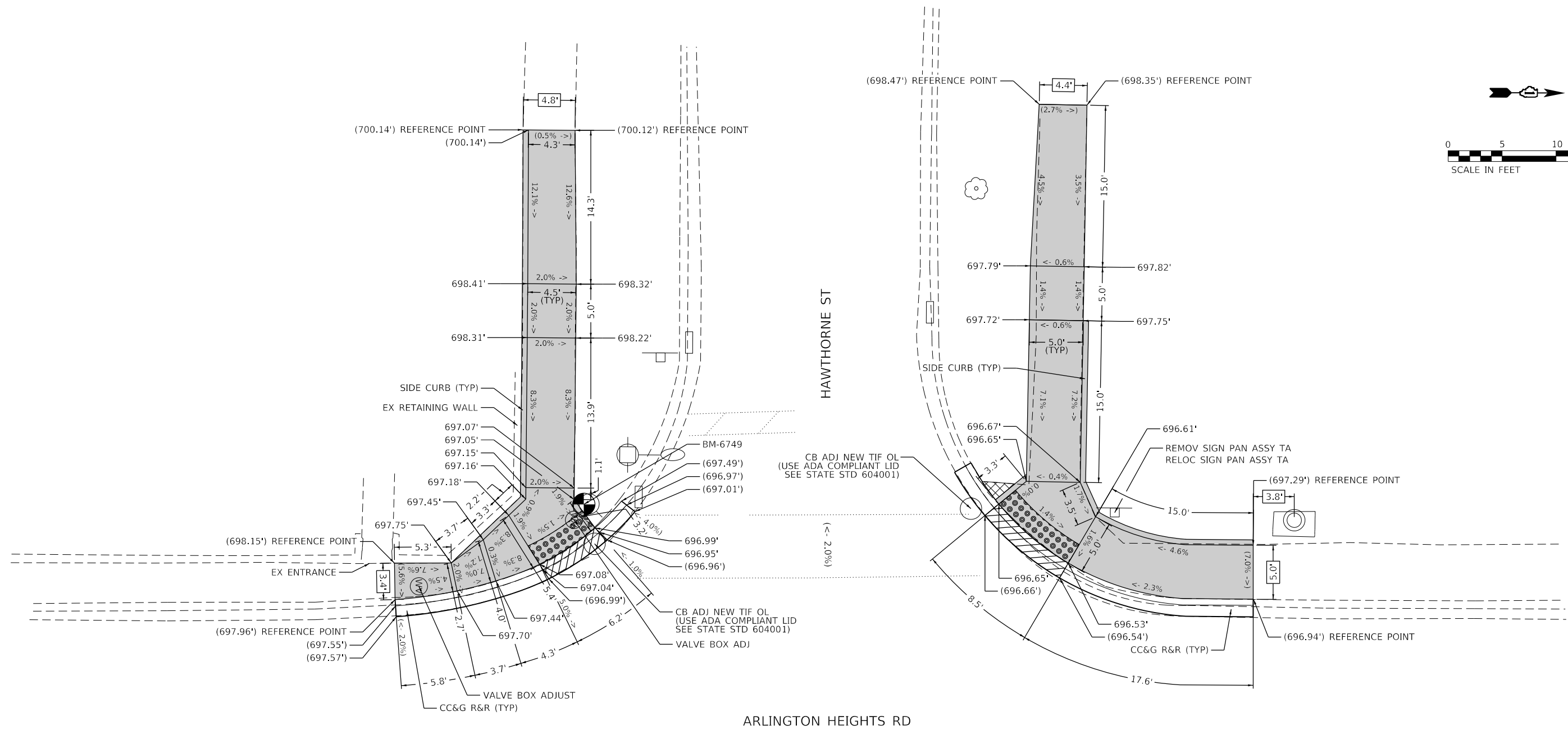
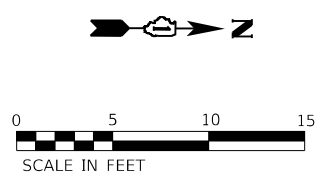
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USER NAME = RGall	DESIGNED - RG	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - CS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)</b>			
<b>ADA RAMP DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	86
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



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

REFERENCE BENCHMARK 6749 EL 699.05'  
 BENCHMARK: "X" CUT ON W BOLT ON FH  
 LOCATION: SW COR OF ARLINGTON HEIGHTS RD AND HAWTHORNE AVE

**LEGEND**

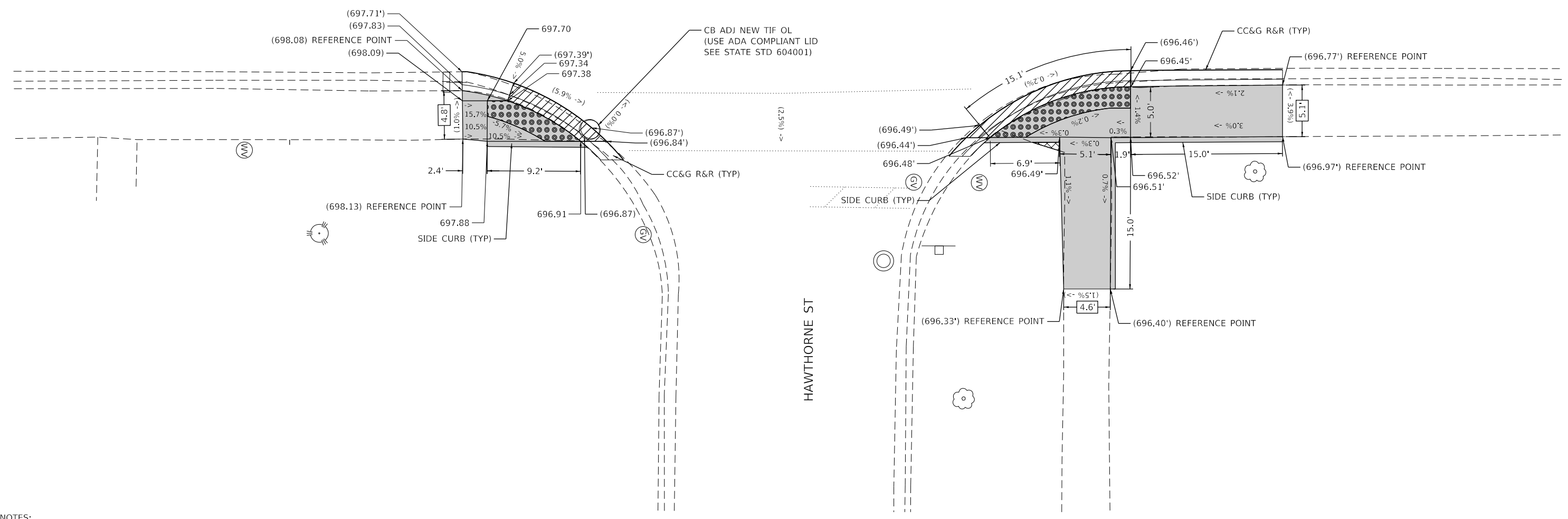
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

MODEL: D:\p\h\11\120038.07\DOT D1\FB 192-007\_MOT\_Arlington Heights\_Resurfacing\DOT\Design\Profile\ProfileSheetID162133.rvt  
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	USER NAME = RGall	DESIGNED - RG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD) ADA RAMP DETAILS</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CS	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.				2626	2020-115-R5&SW	COOK	129	87
	PLOT SCALE = 10.0000' / in.	CHECKED - JH	REVISED -						CONTRACT NO. 62L93				
	PLOT DATE = 12/9/2020	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



ARLINGTON HEIGHTS RD



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

REFERENCE BENCHMARK 6749 EL 699.05' (NOT SHOWN)  
 BENCHMARK: "X" CUT ON W BOLT ON FH  
 LOCATION: SW COR OF ARLINGTON HEIGHTS RD AND HAWTHORNE AVE

**LEGEND**

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

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PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -
	DATE -	REVISED -

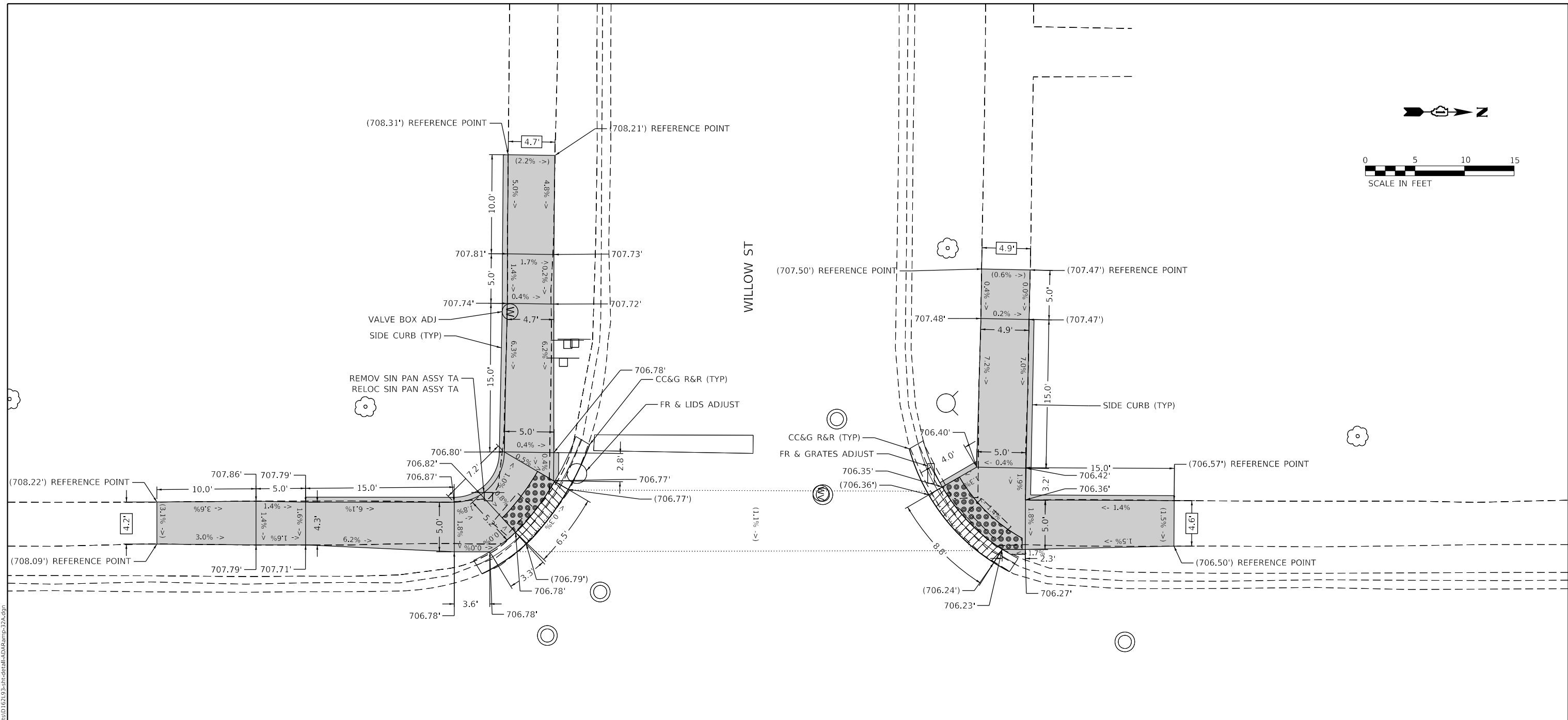
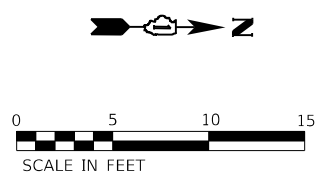
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
ADA RAMP DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	88
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				





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

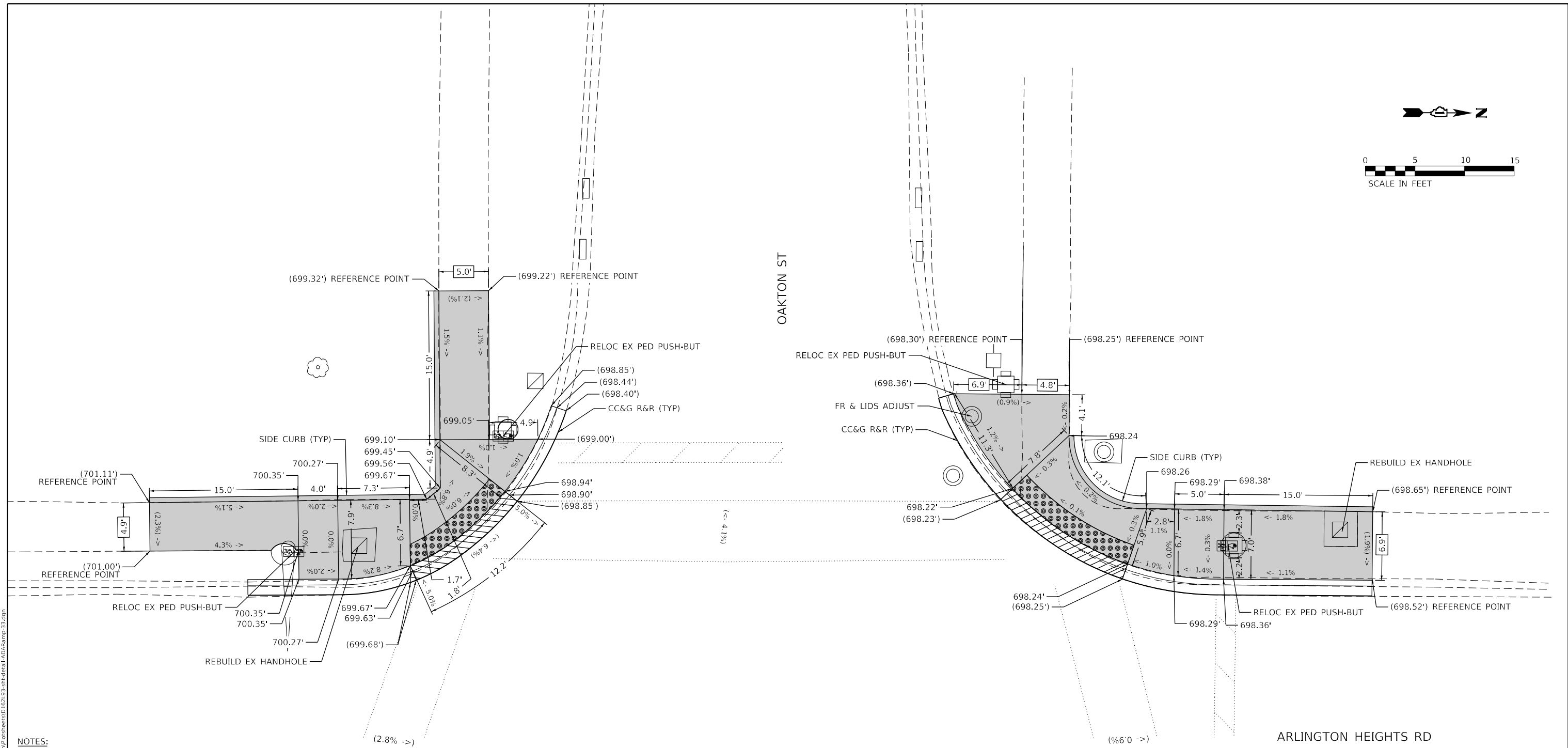
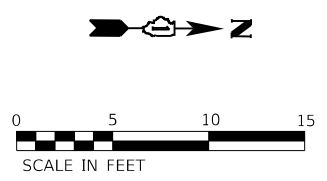
REFERENCE BENCHMARK C EL 709.15' (NOT SHOWN)  
 BENCHMARK: RR SPIKE IN W FACE OF PP  
 LOCATION: SE COR OF ARLINGTON HEIGHTS RD AND WILLOW ST

**LEGEND**

<span style="border: 1px solid black; padding: 2px;">XX.XX'</span>	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
<span style="display: inline-block; width: 20px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span>	PROPOSED SIDEWALK
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DETECTABLE WARNINGS
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DEPRESSED CURB AND GUTTER

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	USER NAME = RGall	DESIGNED - RG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD) ADA RAMP DETAILS</b>	F.A.U. RTE. 2626	SECTION 2020-115-R5&SW	COUNTY COOK	TOTAL SHEETS 129	SHEET NO. 89	
	PLOT SCALE = 10.0000' / in.	CHECKED - JH	REVISED -			CONTRACT NO. 62L93					
	PLOT DATE = 12/9/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET	OF	SHEETS	STA.	TO



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

**LEGEND**

<span style="border: 1px solid black; padding: 2px;">XX.XX'</span>	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
<span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span>	PROPOSED SIDEWALK
<span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DETECTABLE WARNINGS
<span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
<span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 7251 EL 698.98' (NOT SHOWN)  
 BENCHMARK: NW COR CONC BASE OF TCB  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND OAKTON ST

MODEL: D:\p1\12038.07\DOT D1\_PFB\_192-007\_MOT\_Arlington Heights\_Resurfacing\DOT\Design\Plan\Biosheets\162193\_rfdetail\_ADRamp-33.dgn  
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	DATE -	REVISED -

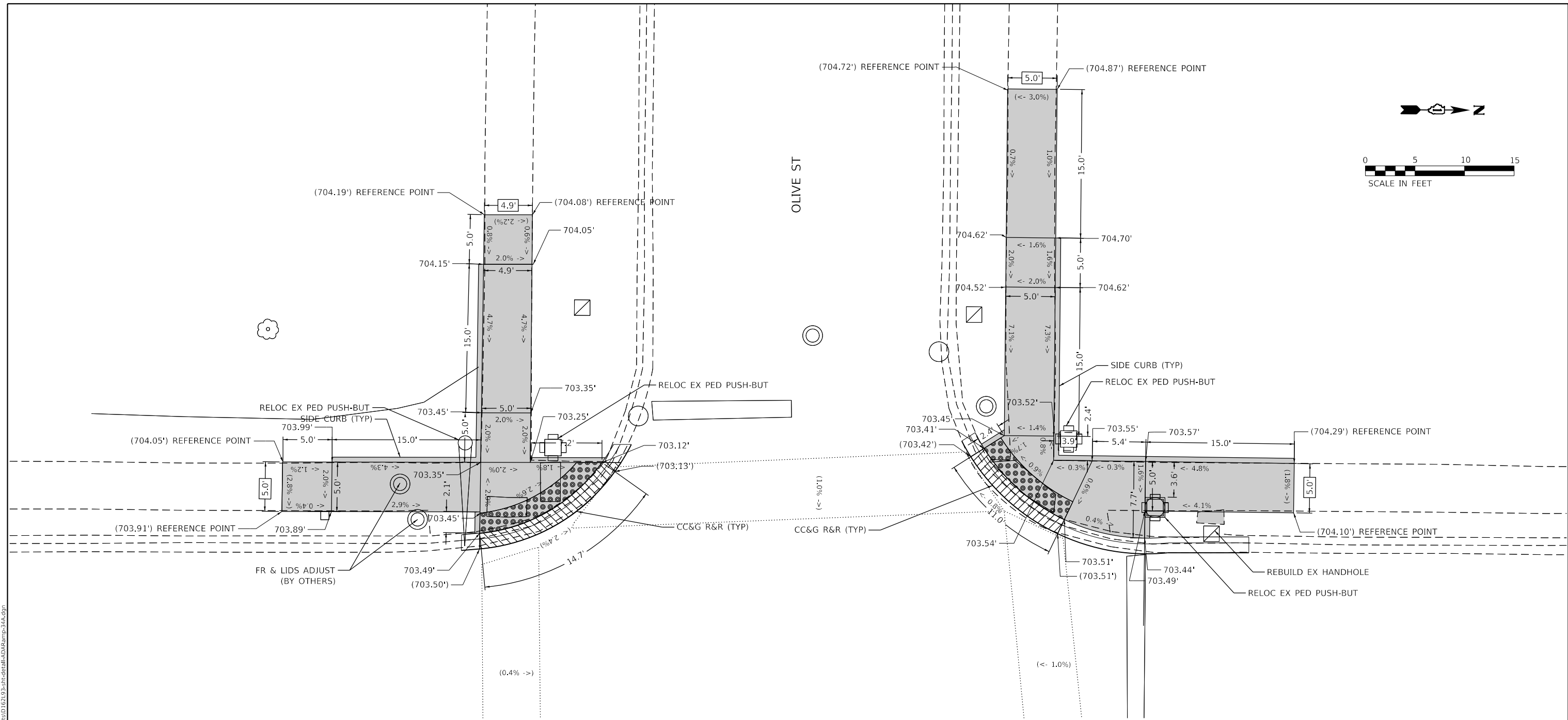
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD) ADA RAMP DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	90
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				



MODEL: D:\d\h\11...  
 FILE NAME: 2112038.07 IDOT D1 PFB 192-007\_MOT\_Arlington Heights\_Resurfacing\CGI\Design\Plan\Aria\Sheet\62L93-RT-detailed-ADA-Ramp-34A.dgn



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

**LEGEND**

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

REFERENCE BENCHMARK D EL 703.72' (NOT SHOWN)  
 BENCHMARK: "X" CUT IN N CONC EDGE OF ELEC HH  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND OLIVE ST

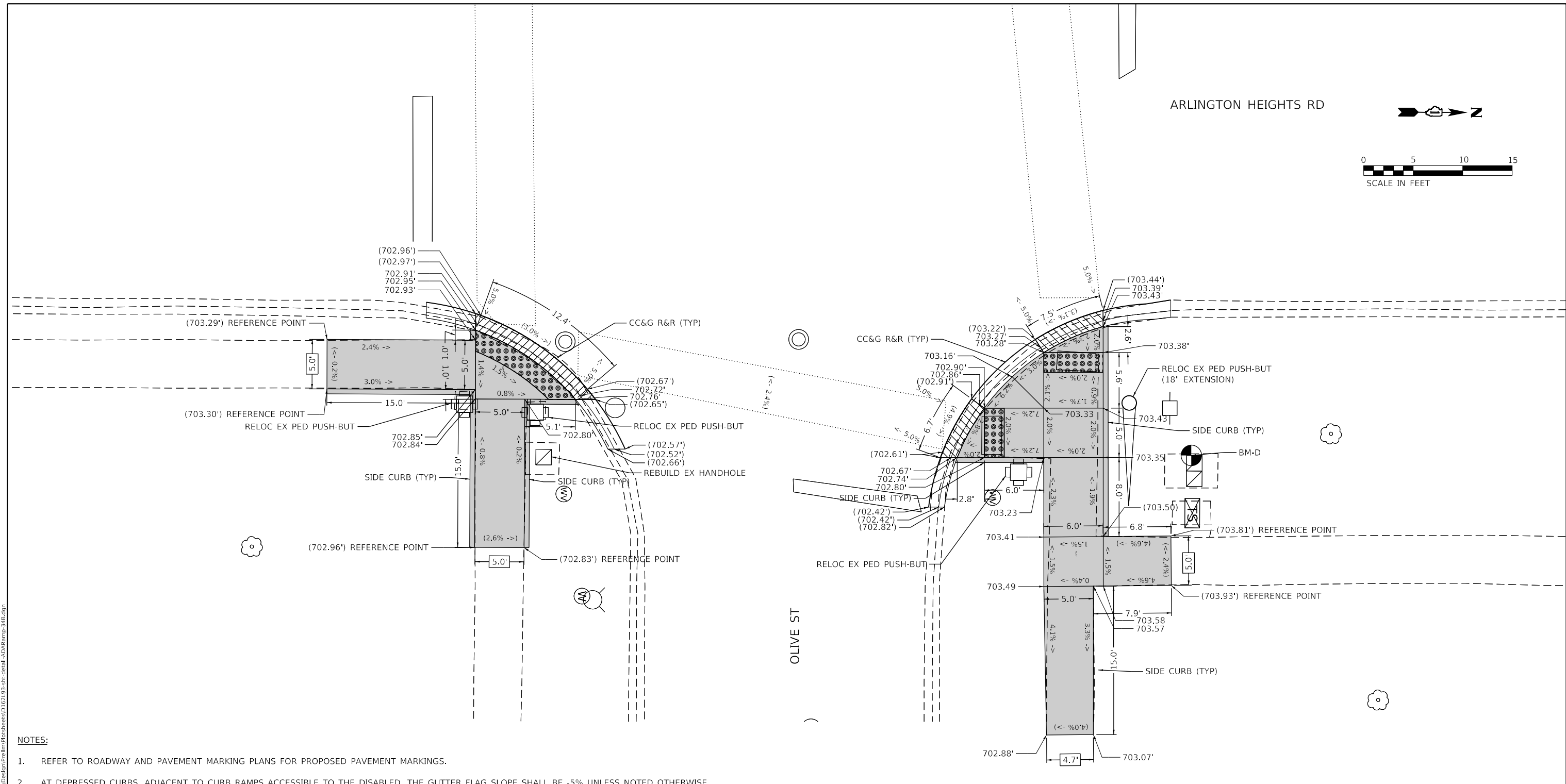
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	DRAWN - CS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)</b>			
<b>ADA RAMP DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	92
CONTRACT NO. 62L93				
		ILLINOIS	FED. AID PROJECT	

ARLINGTON HEIGHTS RD



**NOTES:**

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

**LEGEND**

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

REFERENCE BENCHMARK D EL 703.72'  
 BENCHMARK: "X" CUT IN N CONC EDGE OF ELEC HH  
 LOCATION: NE COR OF ARLINGTON HEIGHTS RD AND OLIVE ST

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)  
 ADA RAMP DETAILS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	93
CONTRACT NO. 62L93				

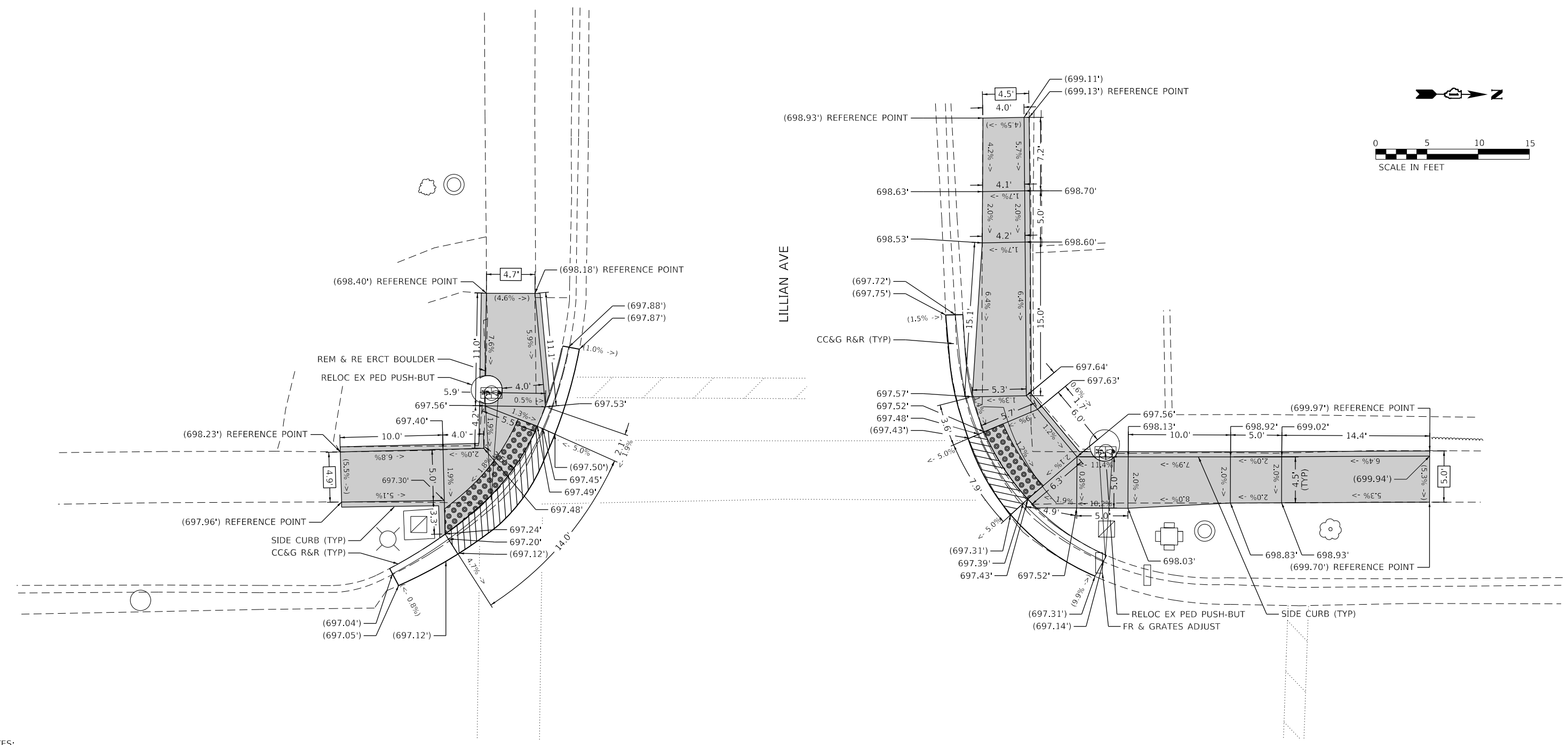
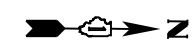
SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

ILLINOIS FED. AID PROJECT

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

REFERENCE BENCHMARK EL 698.51' (NOT SHOWN)  
 BENCHMARK: SQUARE CUT NE COR OF TCB  
 LOCATION: SE COR OF ARLINGTON HEIGHTS RD AND LILLIAN ST

**LEGEND**

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

MODEL: D:\d\h\it...  
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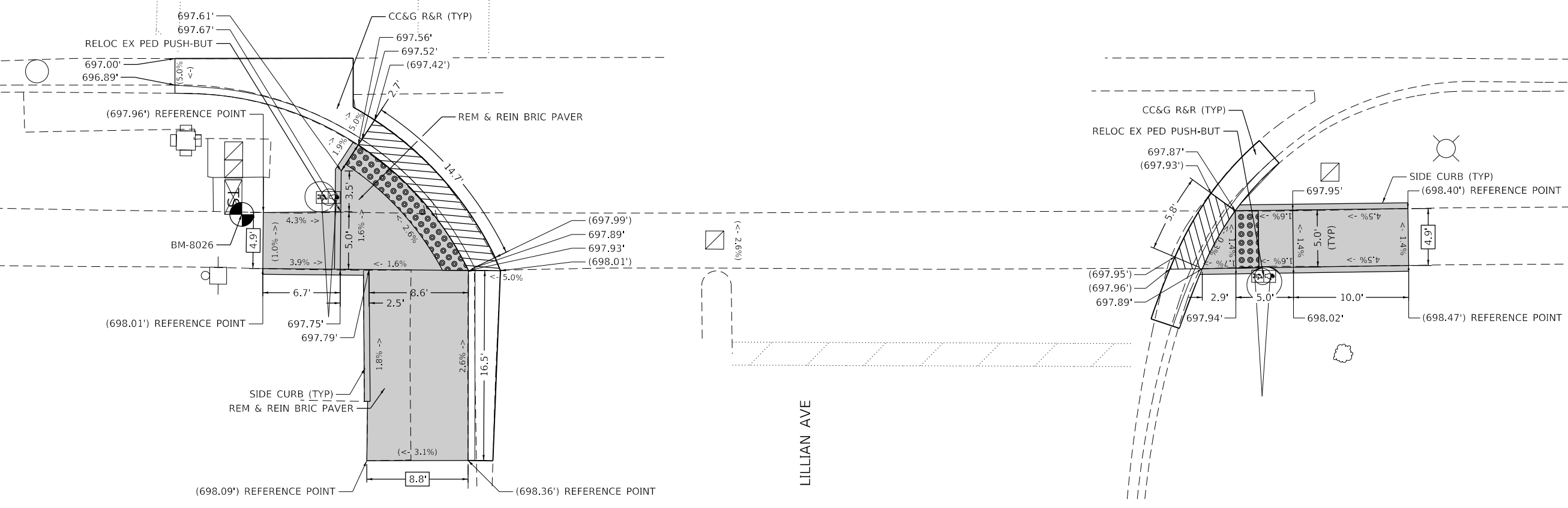
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	PLOT SCALE = 10.0000' / in.	DRAWN - CS	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	2626	2020-115-R5&SW	COOK	129	96
	PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -											CONTRACT NO. 62L93			
		DATE -	REVISED -											ILLINOIS	FED. AID PROJECT		





ARLINGTON HEIGHTS RD

LILLIAN AVE



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

REFERENCE BENCHMARK 8026 EL 698.51'  
 BENCHMARK: SQUARE CUT ON NE COR OF TCB  
 LOCATION: SE COR ARLINGTON HEIGHTS RD AND LILLIAN ST

**LEGEND**

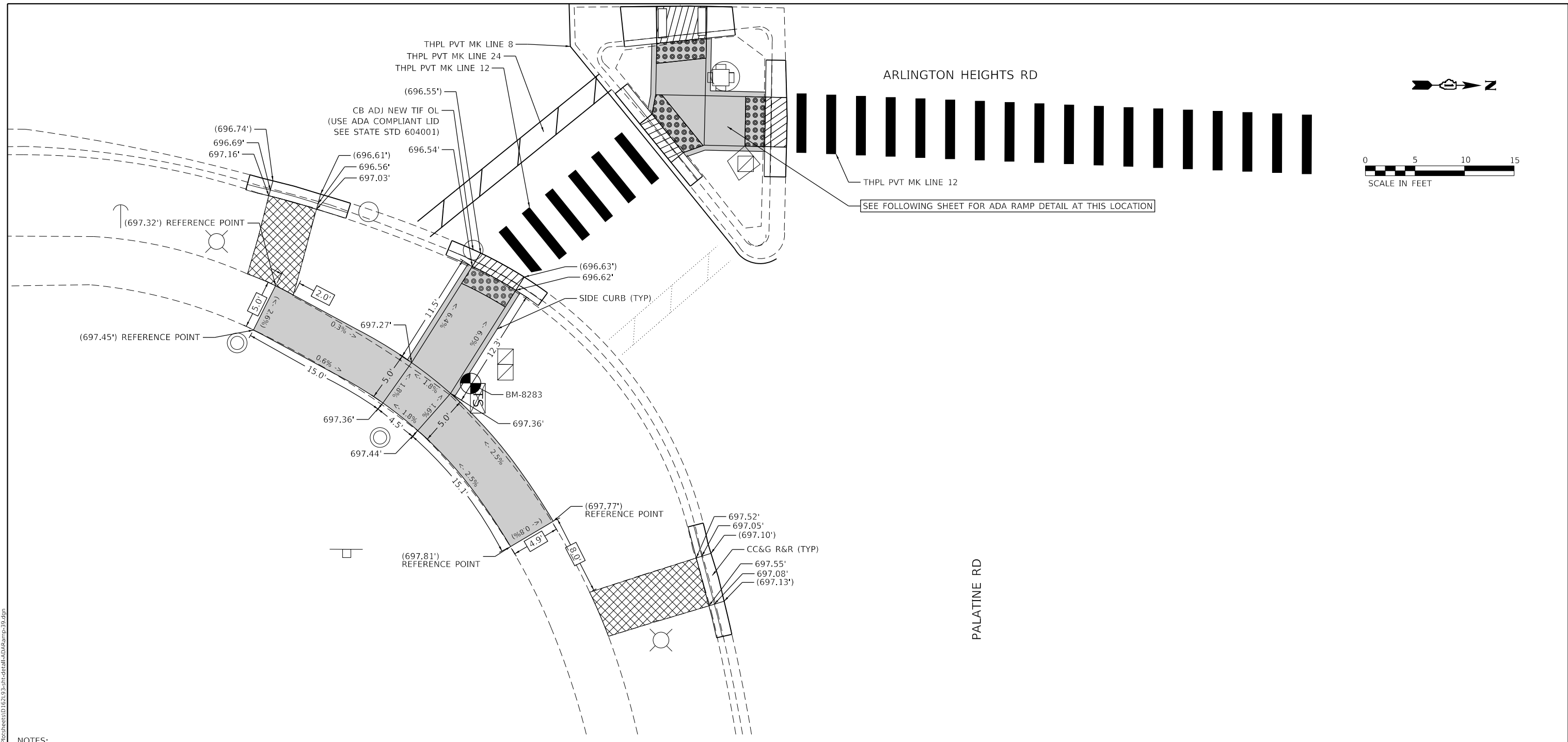
<span style="border: 1px solid black; padding: 2px;">XX.XX'</span>	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
<span style="display: inline-block; width: 20px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span>	PROPOSED SIDEWALK
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DETECTABLE WARNINGS
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black;"></span>	DEPRESSED CURB AND GUTTER

MODEL: D:\dgn\11\10038.07\DOT D1.PLT 192-2007.MOT Arlington Heights Resurfacing\DOT\Design\Plan\8026\8026.dwg

USER NAME = RGal PLOT SCALE = 10.0000' / in. PLOT DATE = 12/9/2020	DESIGNED - RG DRAWN - CS CHECKED - JH DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD)          ADA RAMP DETAILS</b>	F.A.U. RTE. 2626 SECTION 2020-115-R5&SW COUNTY COOK TOTAL SHEETS 129 SHEET NO. 97	CONTRACT NO. 62L93 ILLINOIS FED. AID PROJECT
SCALE: SHEET OF SHEETS STA. TO STA.						



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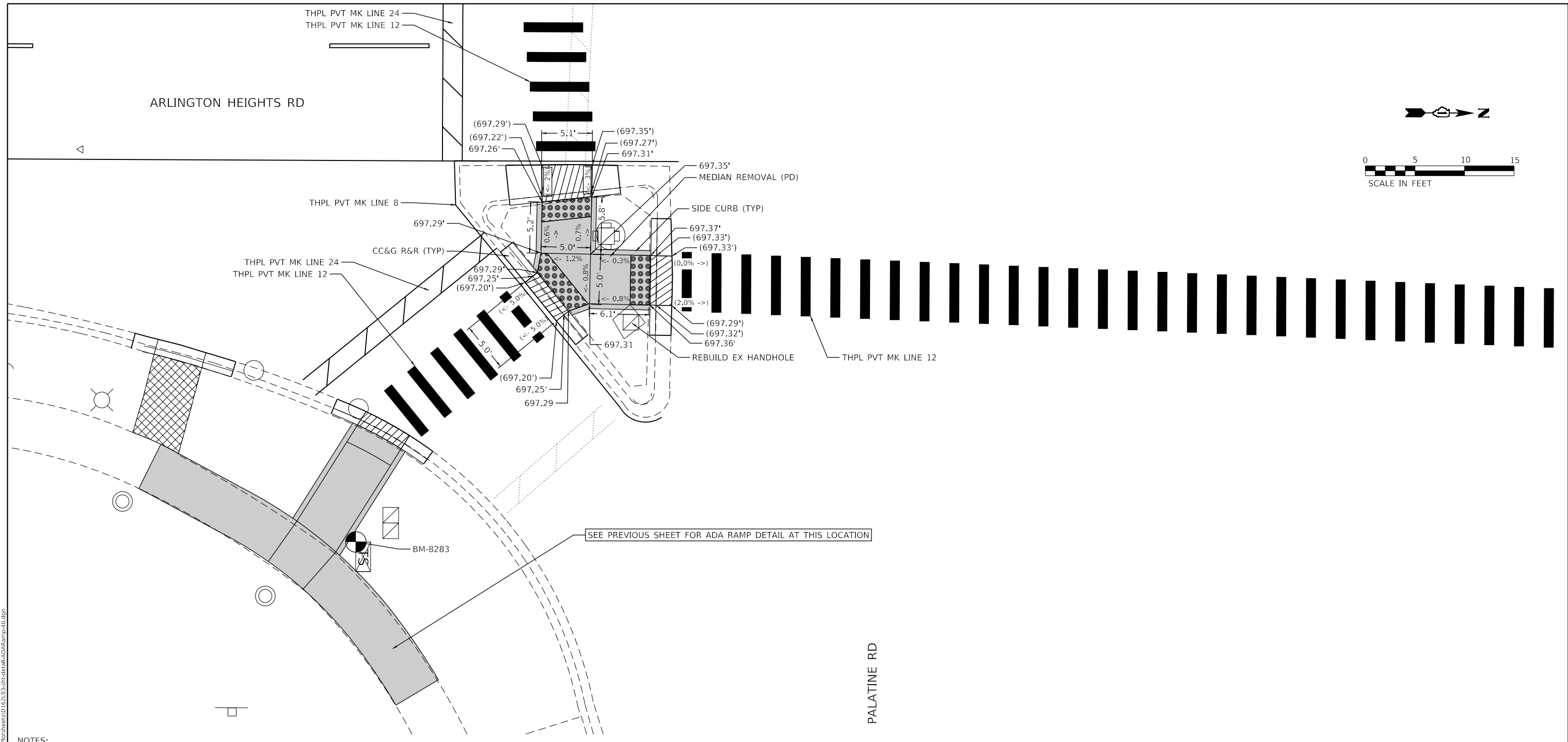
- NOTES:**
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
  - AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK 8283 EL 697.99'  
 BENCHMARK: SQUARE CUT ON SW COR OF TCB  
 LOCATION: SE COR OF ARLINGTON HEIGHTS RD AND PALATINE RD

**LEGEND**

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

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARLINGTON HEIGHTS RD (IL 72 TO PALATINE RD) ADA RAMP DETAILS</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62L93	
					ILLINOIS		FED. AID PROJECT		



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

REFERENCE BENCHMARK 8283 EL 697.99'  
 BENCHMARK: SQUARE CUT ON SW COR OF TCB  
 LOCATION: SE COR OF ARLINGTON HEIGHTS RD AND PALATINE RD

**LEGEND**

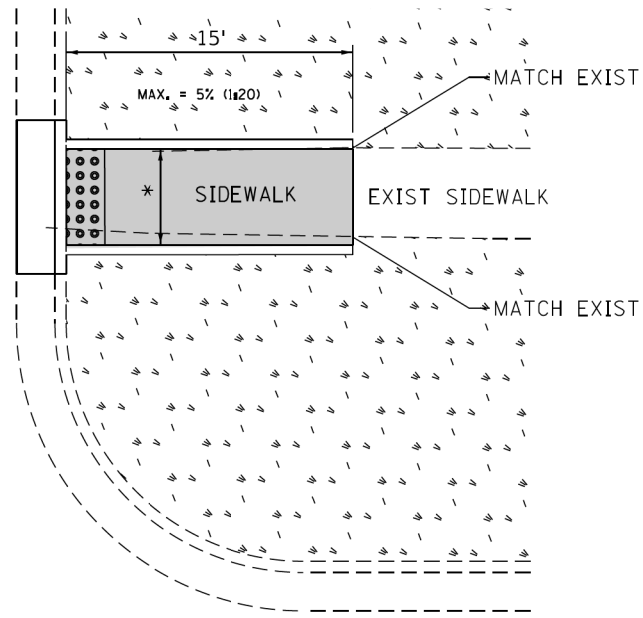
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

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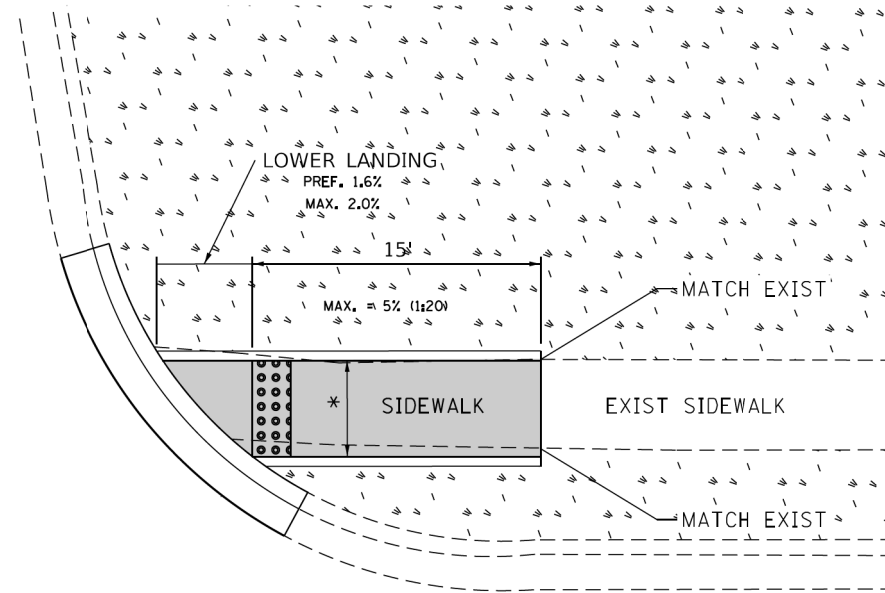
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	PLOT SCALE = 10.0000' / in.	DRAWN - CS	REVISED -			2626	2020-115-R5&SW	COOK	129	100	
	PLOT DATE = 12/9/2020	CHECKED - JH	REVISED -			CONTRACT NO. 62L93					
		DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
						ILLINOIS		FED. AID PROJECT			

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

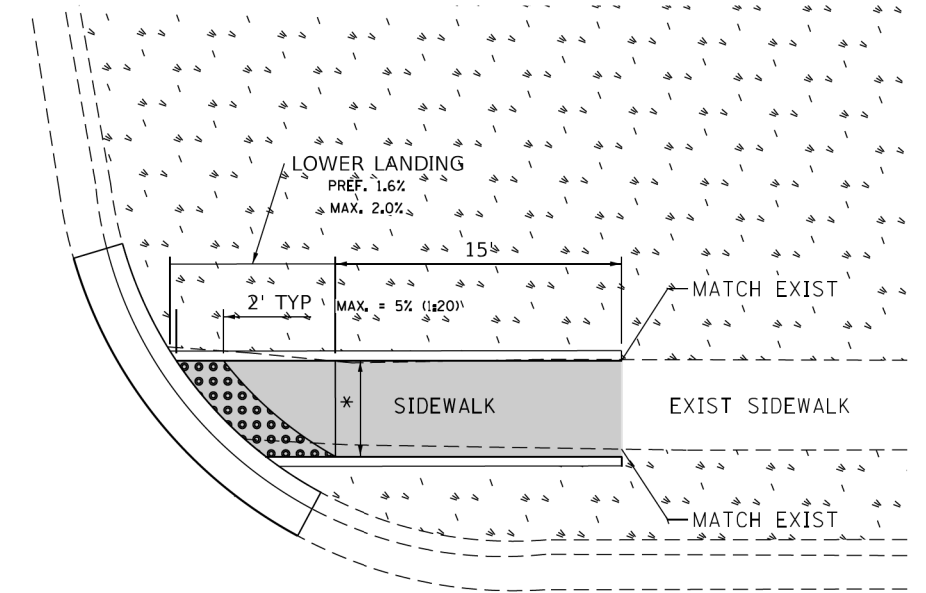
PD-01A



PD-01B



PD-01C



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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	PLOT DATE = 12/17/2019	DATE -		REVISD -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

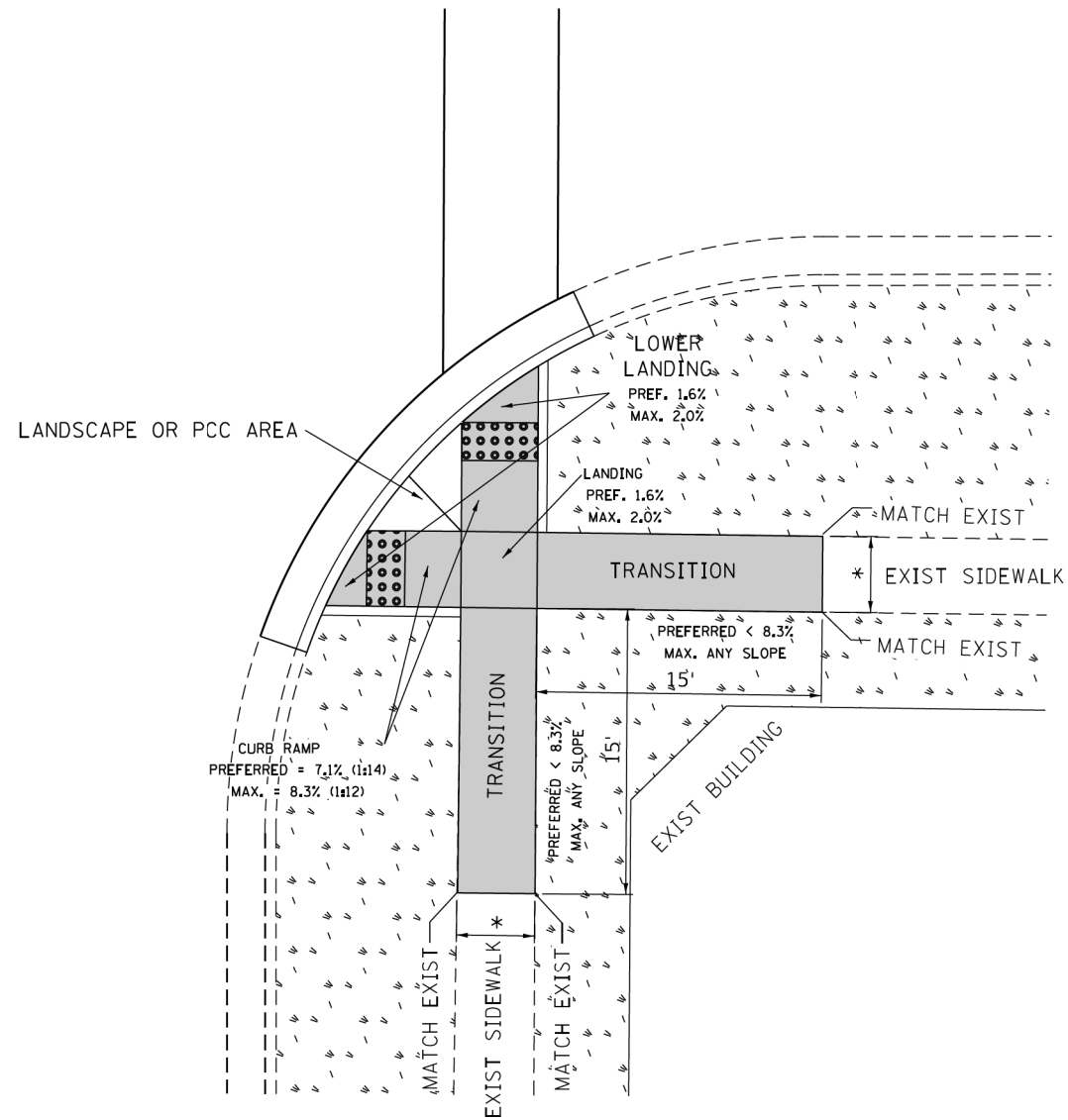
PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS  
(PD-01)

SCALE: SHEET OF SHEETS STA. TO STA.

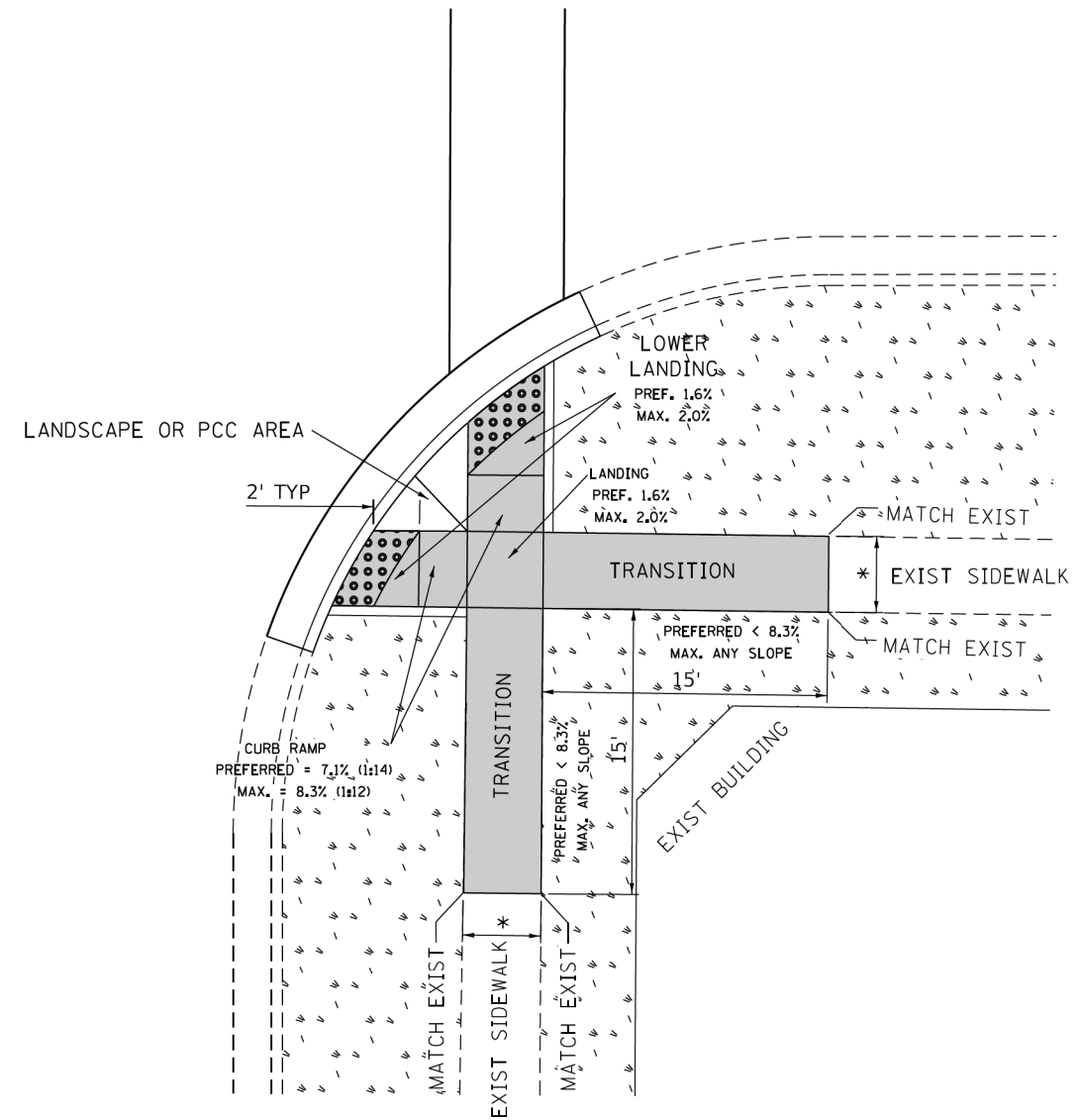
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2626	2020-115-R5&SW	COOK	129	101
PD-01		CONTRACT NO. 62L93		
ILLINOIS FED. AID PROJECT				

# ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



## 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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	PLOT DATE = 12/17/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

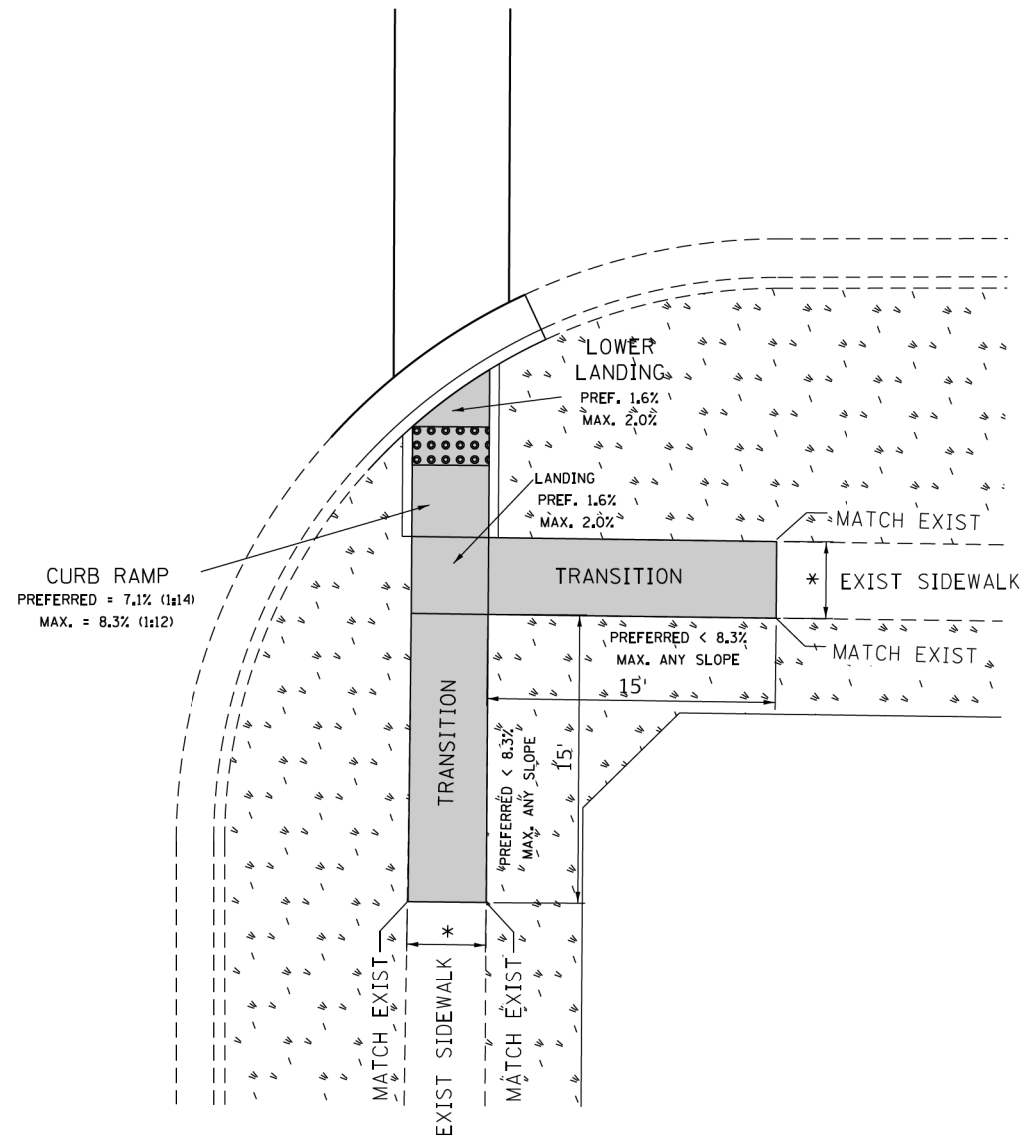
**PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS  
(PD-03)**

SCALE: SHEET OF SHEETS STA. TO STA.

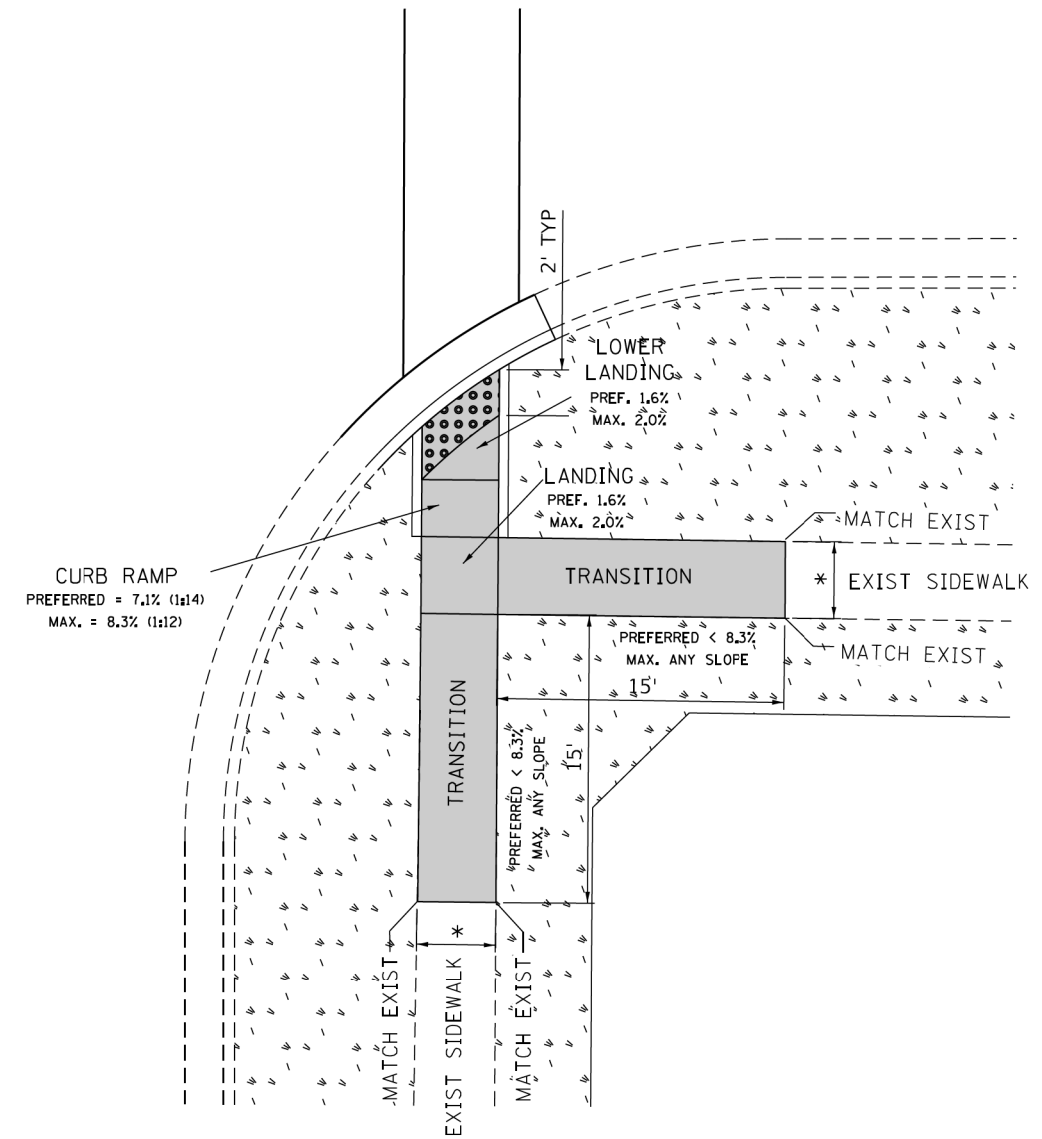
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	102
PD-03		CONTRACT NO. 62L93		
ILLINOIS FED. AID PROJECT				

# 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

FILE NAME =	USER NAME = ledeznorm	DESIGNED -	REVISED -
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Default		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

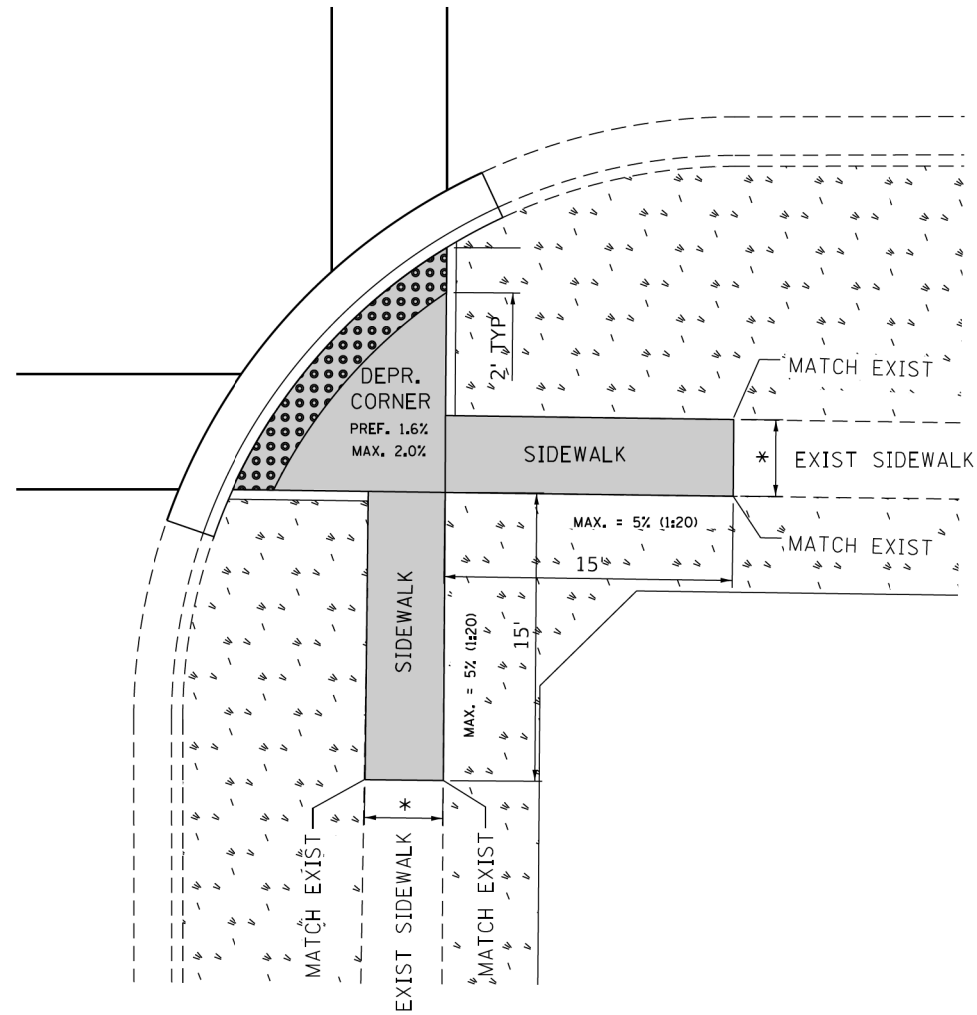
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS  
W/TURNING SPACE (PD-04)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

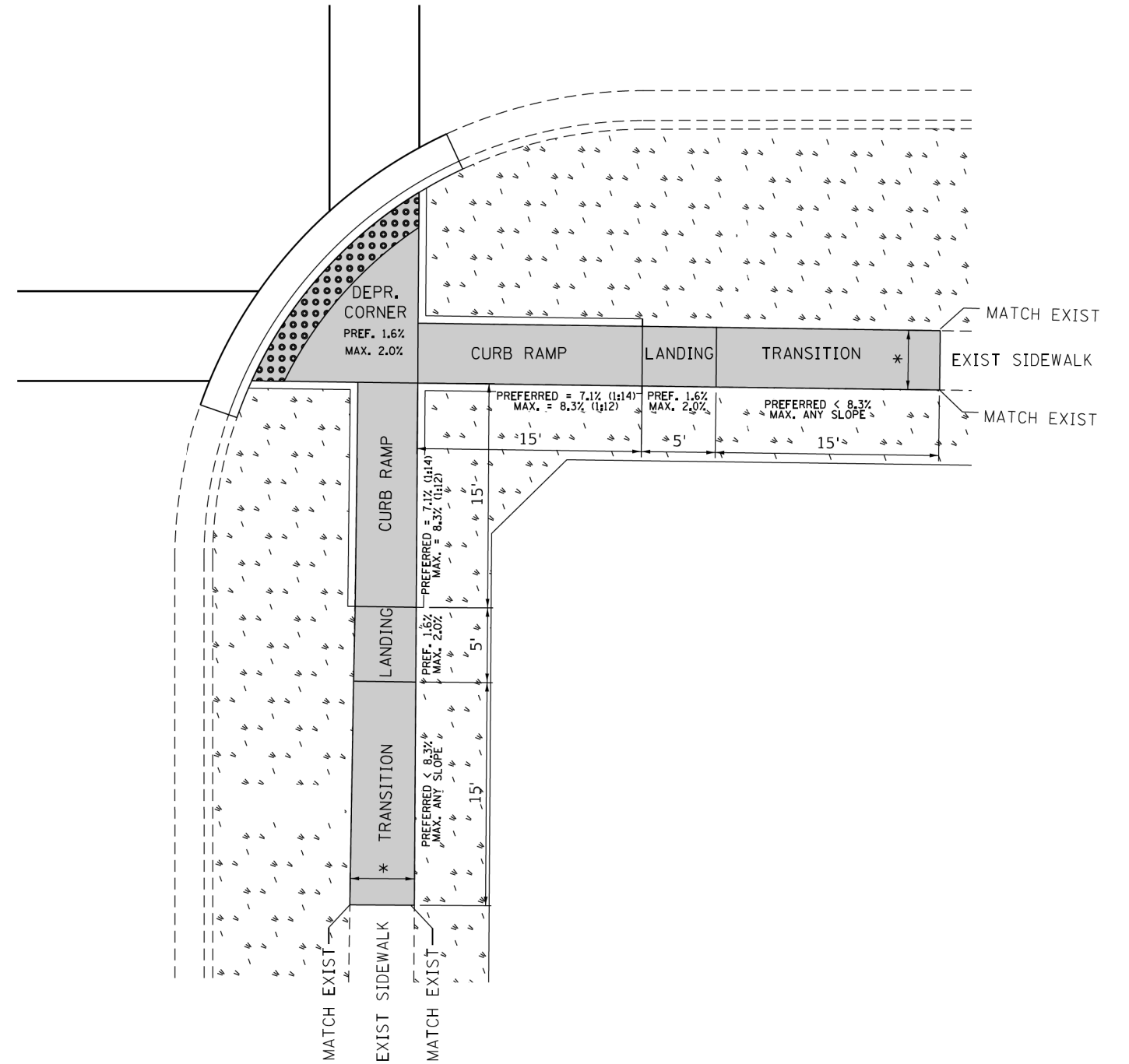
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	103
PD-04			CONTRACT NO. 62L93	
ILLINOIS FED. AID PROJECT				

# ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

PD-05A



PD-05B



## 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 = ledeznorm	DESIGNED -	REVISED -
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Default		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

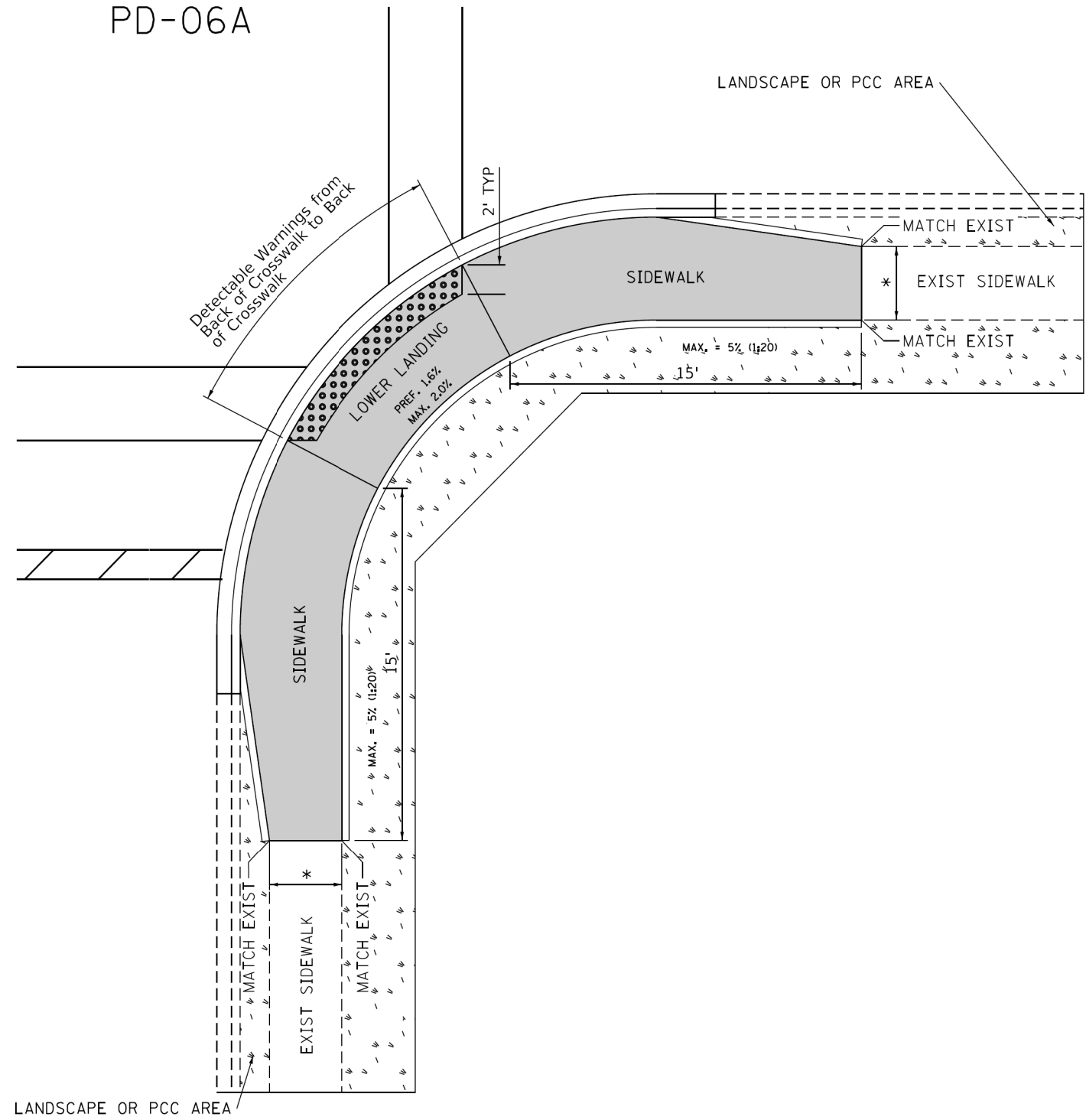
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PD-05			CONTRACT NO. 62L93	
ILLINOIS FED. AID PROJECT				

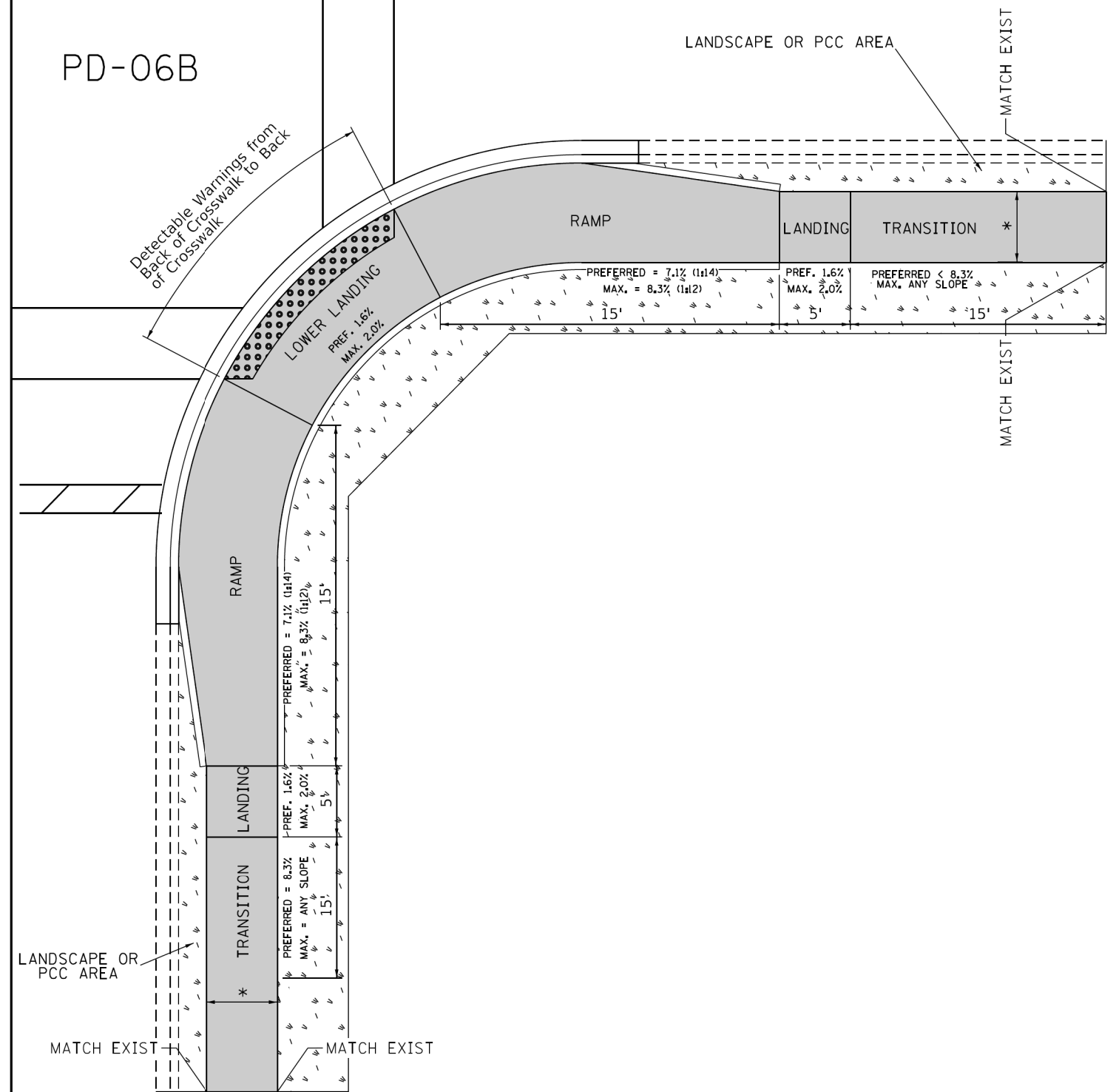


# ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING

PD-06A



PD-06B



## LEGEND

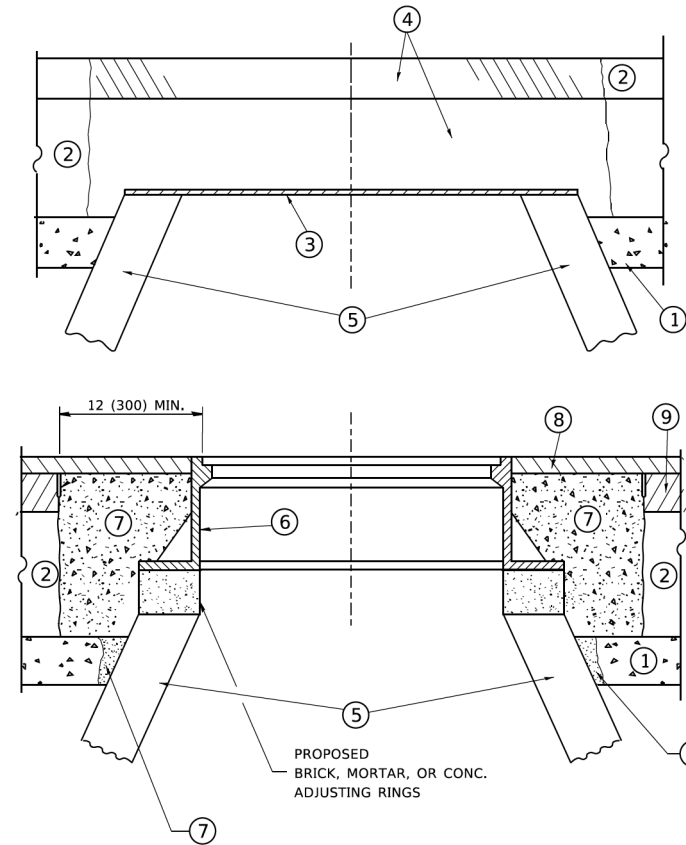
- PROPOSED SIDE CURB
- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

### 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 = ldeznorm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b>	<b>PROJECT DETAIL FOR PARALLEL CURB RAMPS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	S:\WP\PLANPREP\SQUAD_1\Des_RL\Typical ADA details\Typical-ADA-sht-plen.dgn	DRAWN - RL 11/12/2019	REVISED -	<b>DEPARTMENT OF TRANSPORTATION</b>	<b>(PD-06)</b>	2626	2020-115-R5&SW	COOK	129	105
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	PLOT DATE = 12/17/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
										ILLINOIS FED. AID PROJECT
										CONTRACT NO. 62L93



**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

MODEL - Default  
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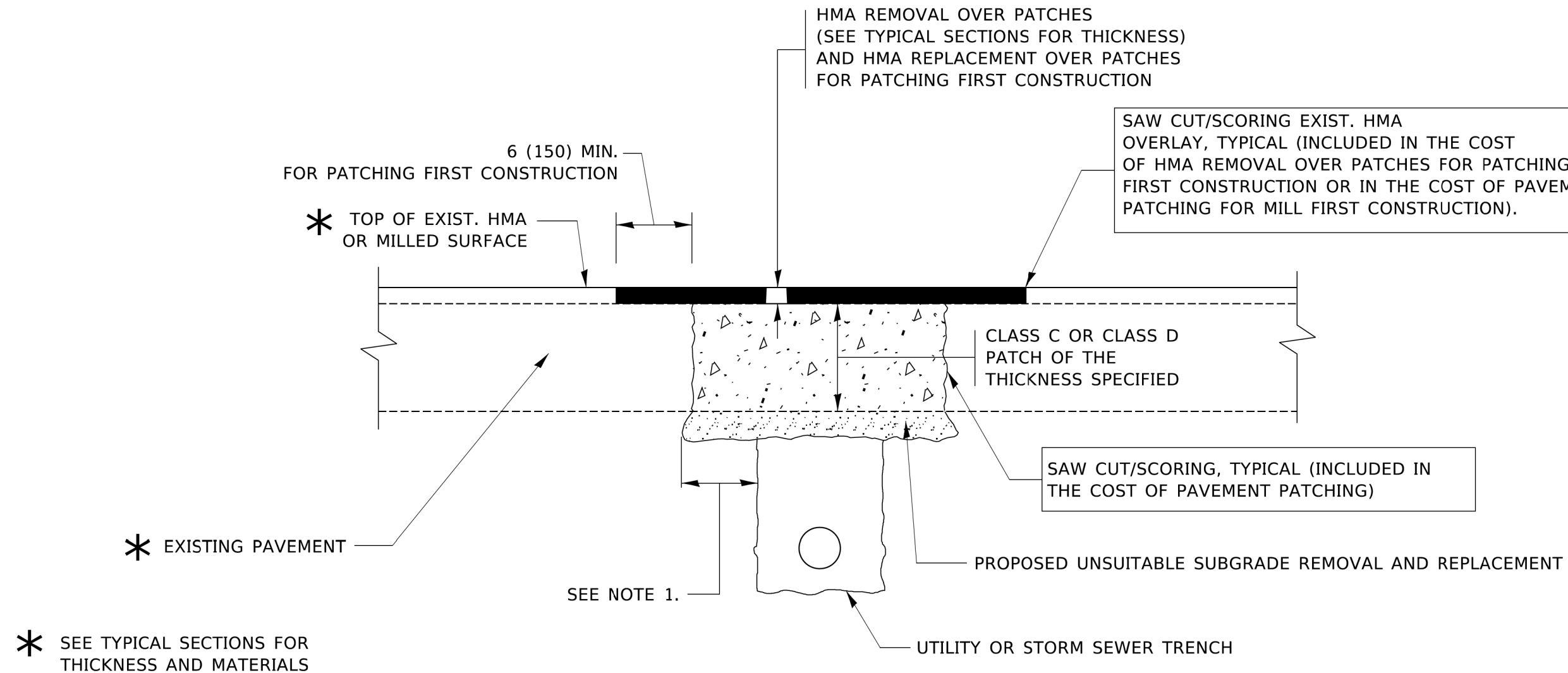
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PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	106
<b>BD600-03 (BD-8)</b>		CONTRACT NO. 62L93		
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.

MODEL: Default  
FILE: M:\Misc. Programs\pamcom.edu\Illinois.gov\PIV\DOT\Documents\DOT\_Offices\District\_1\Projects\DH\S272\2-1\CADD\ba\CAD\sheet\B22.dgn

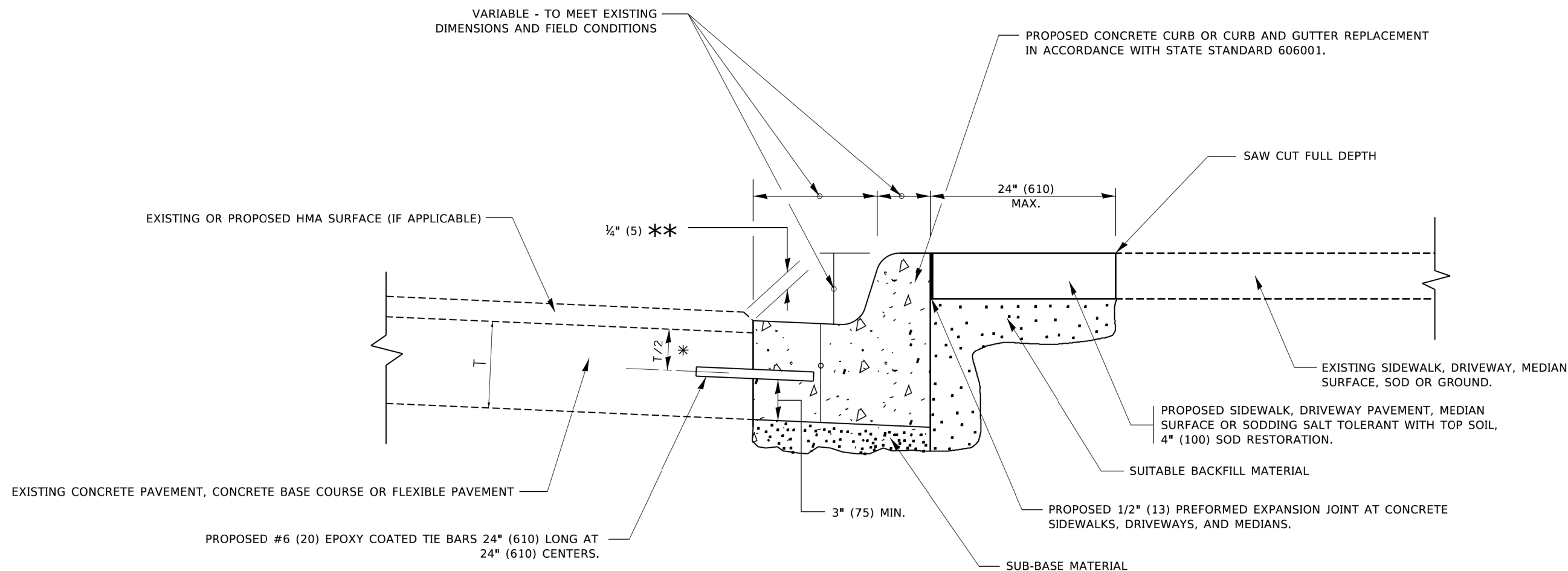
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	DRAWN -	REVISED - R. BORO 01-01-07
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PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - K. ENG 10-27-08

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.
2626	2020-115-R5&SW	COOK	129	107
BD400-04 (BD-22)			CONTRACT NO. 62L93	
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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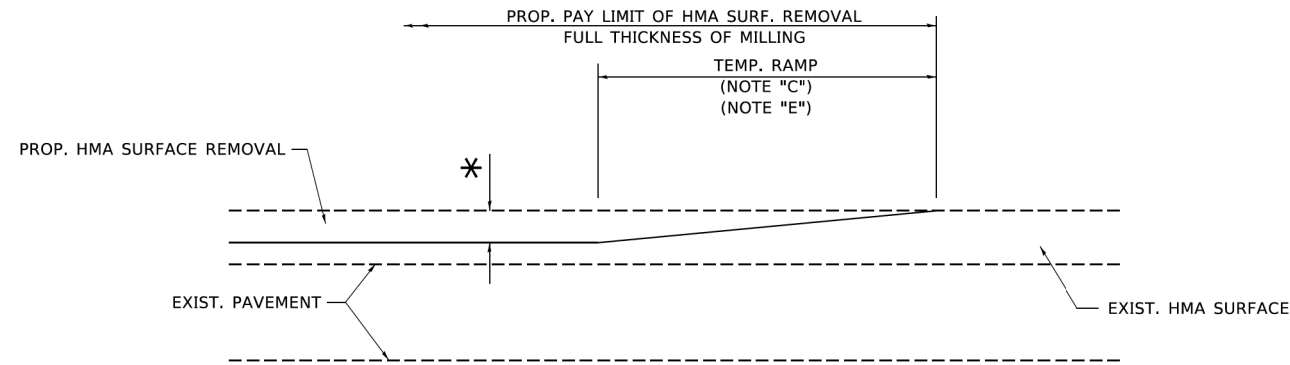
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PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CURB OR CURB AND GUTTER  
REMOVAL AND REPLACEMENT**

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

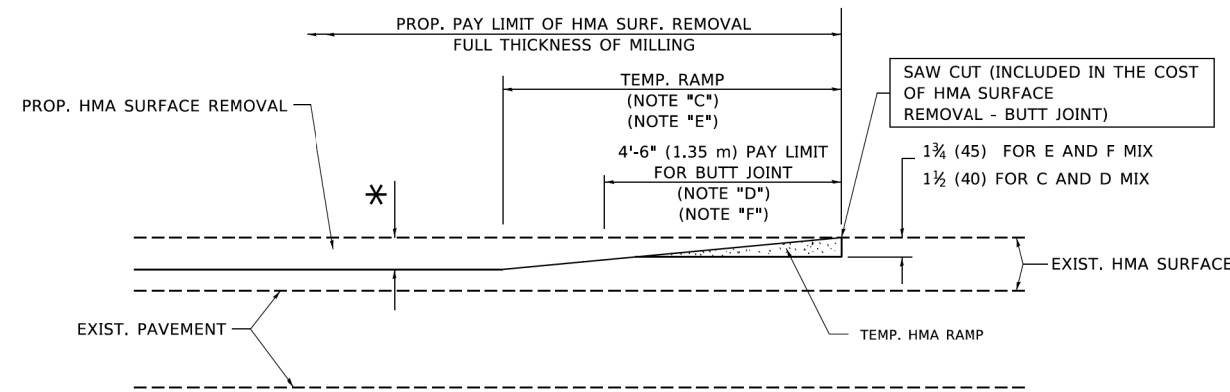
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2626	2020-115-R5&SW	COOK	129	108
<b>BD600-06 (BD-24)</b>			CONTRACT NO. 62L93	
ILLINOIS FED. AID PROJECT				



**MILLED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

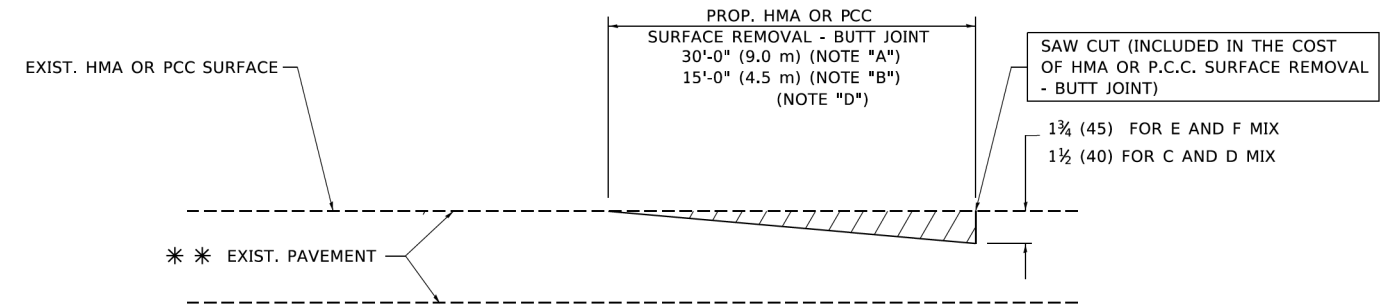


**HMA CONSTRUCTED TEMPORARY RAMP**

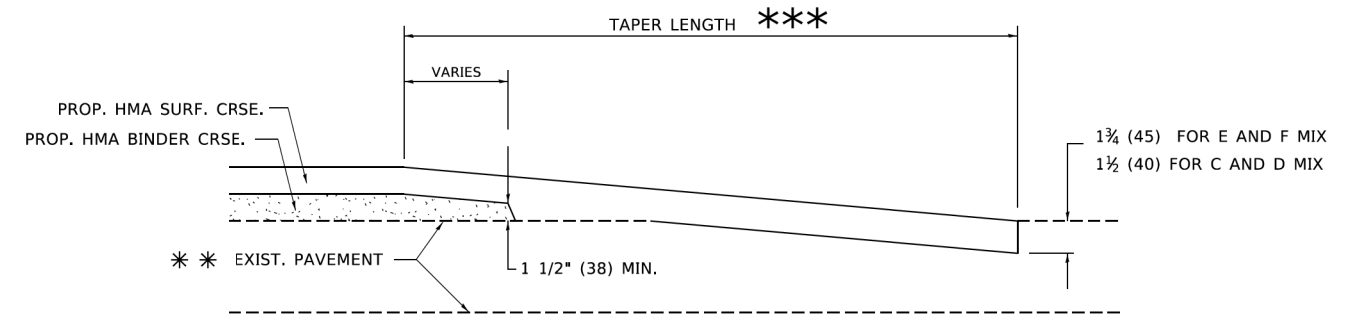
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**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.

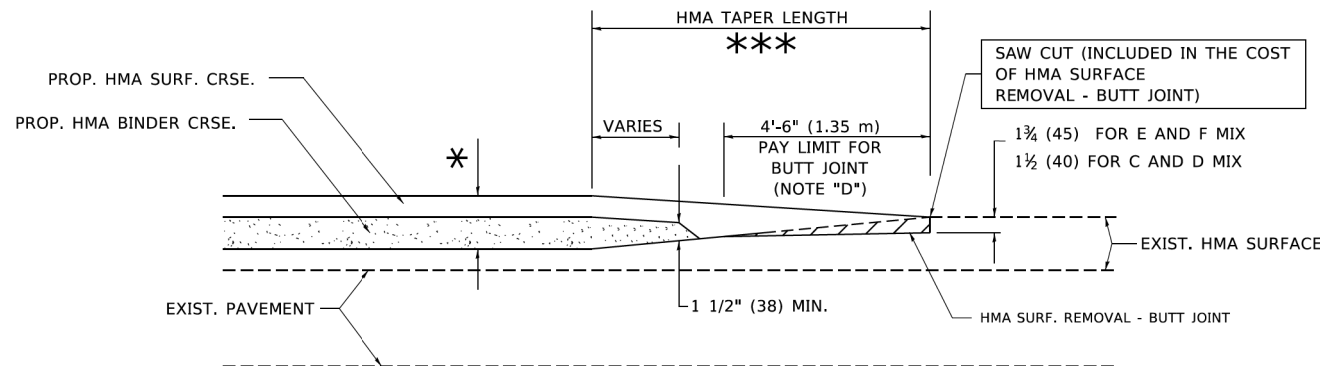
**NOTES**

- 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**

MODEL: Default  
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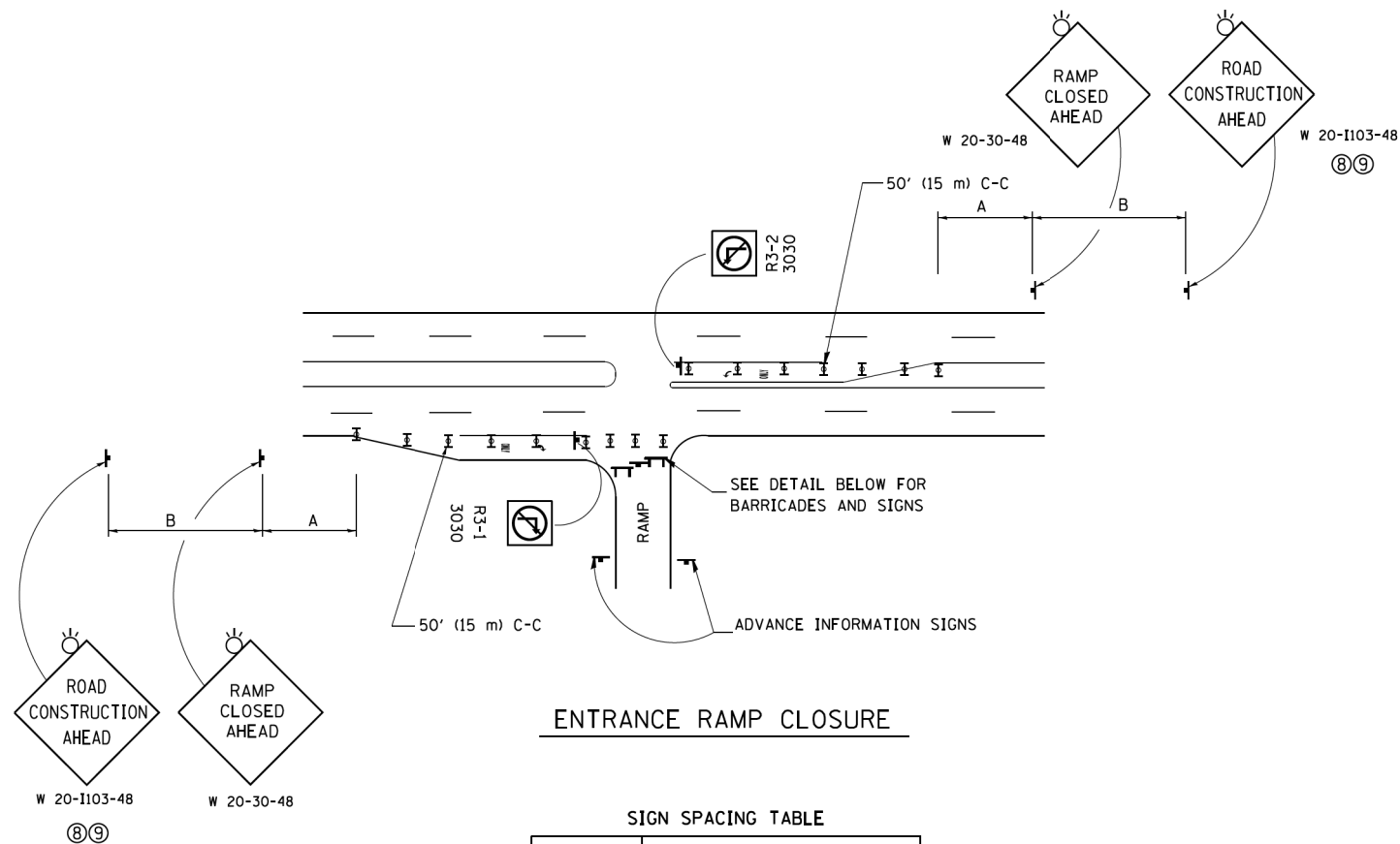
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	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 3/27/2019	DATE - 06-13-90	REVISED - R.BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	109
BD400-05 BD32		CONTRACT NO. 62L93		
ILLINOIS FED. AID PROJECT				

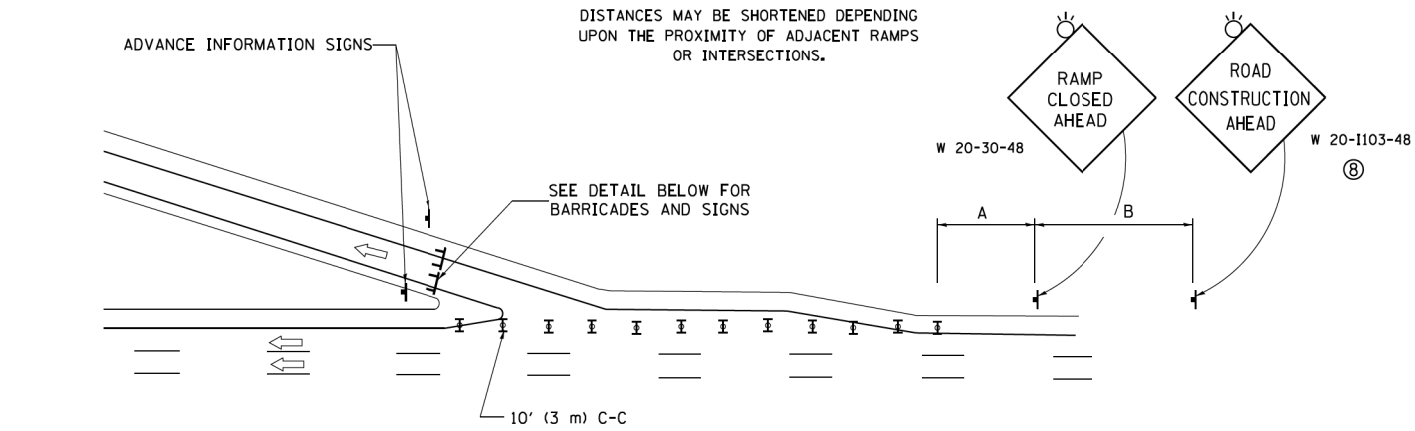


**ENTRANCE RAMP CLOSURE**

**SIGN SPACING TABLE**

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

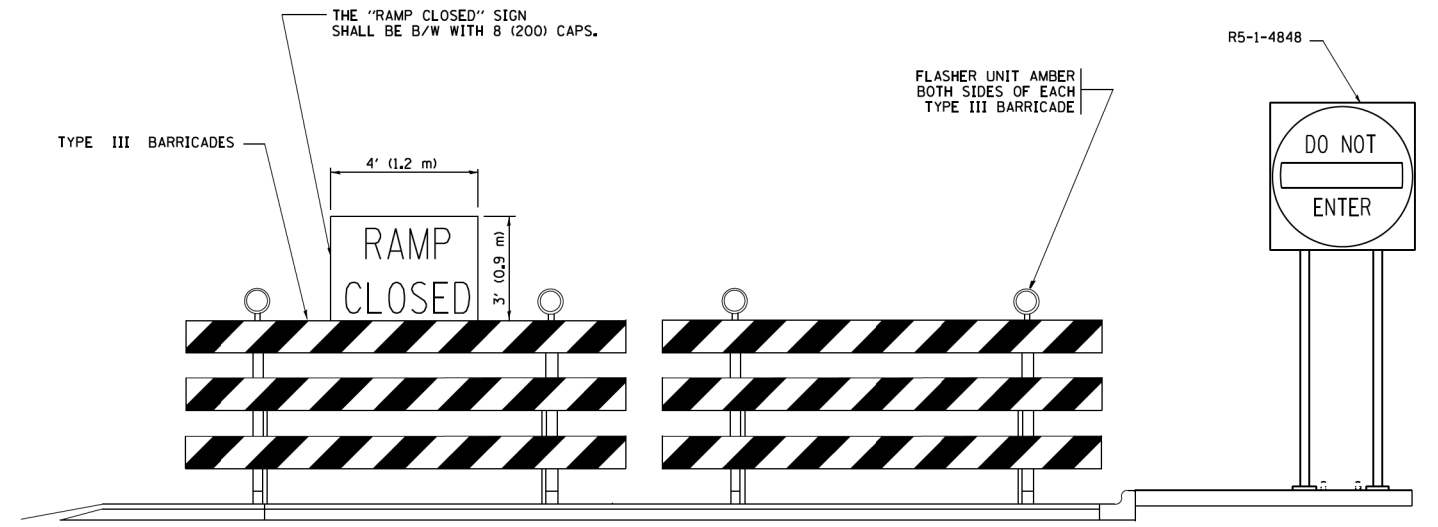
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



**EXIT RAMP CLOSURE**

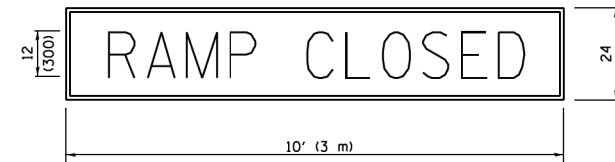
**SYMBOLS**

- ⊥ TYPE II BARRICADE OR DRUM
- ▬ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



**DETAIL FOR REQUIRED BARRICADES & SIGNS**

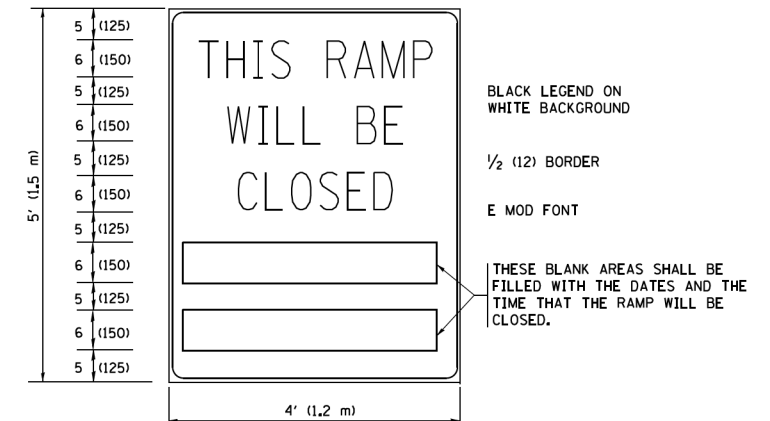
**RAMP CLOSURE ADVANCE WARNING SIGN**



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY E MOD FONT 1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

**RAMP CLOSURE ADVANCE INFORMATION SIGN**



BLACK LEGEND ON WHITE BACKGROUND

1/2 (12) BORDER

E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

**GENERAL NOTES:**

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

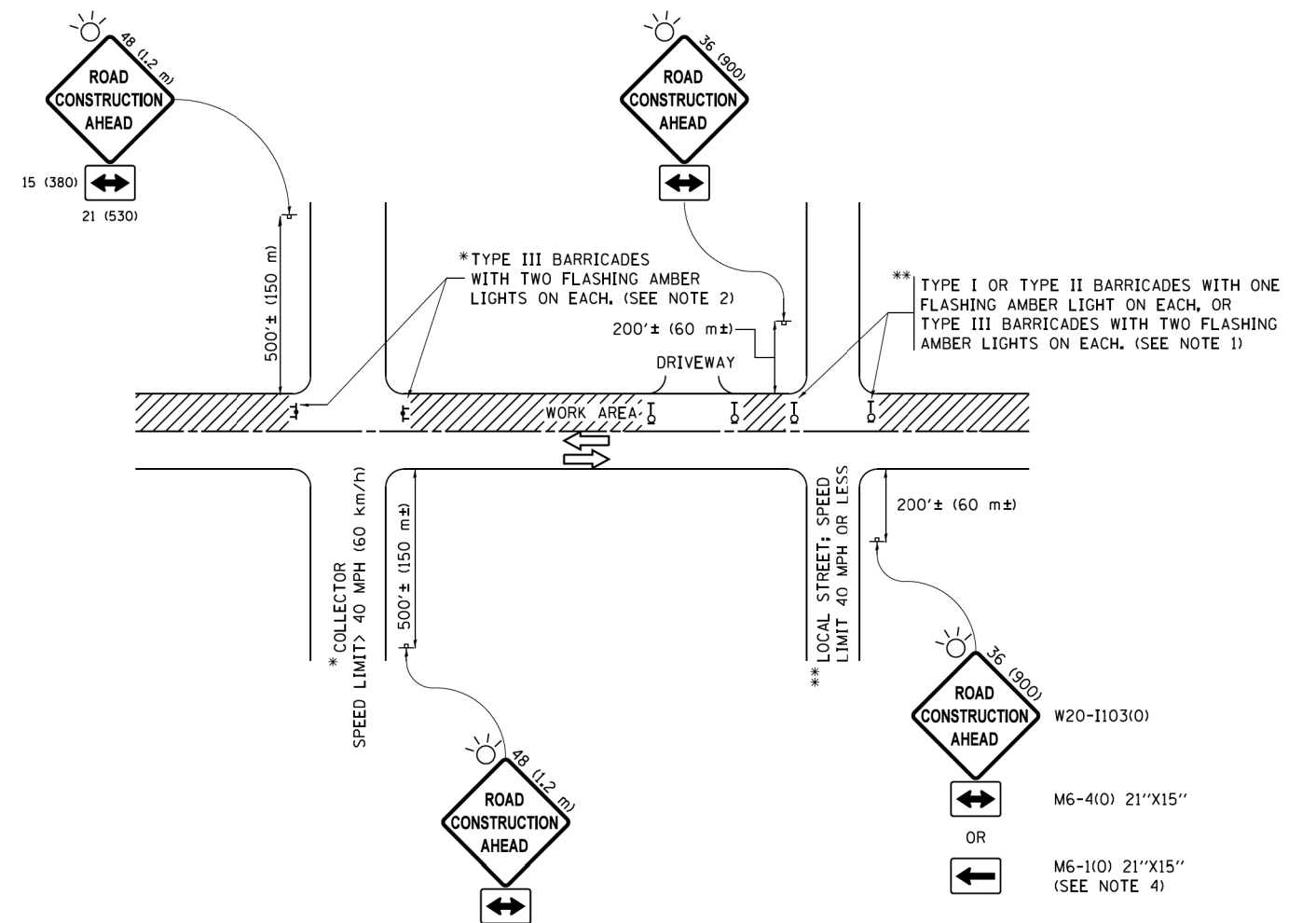
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	PLOT DATE = 11/27/2017	DATE - 02-83	REVISED - M.D. 01-18

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE AND EXIT RAMP  
CLOSURE DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	110
TC-08			CONTRACT NO. 62L93	
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

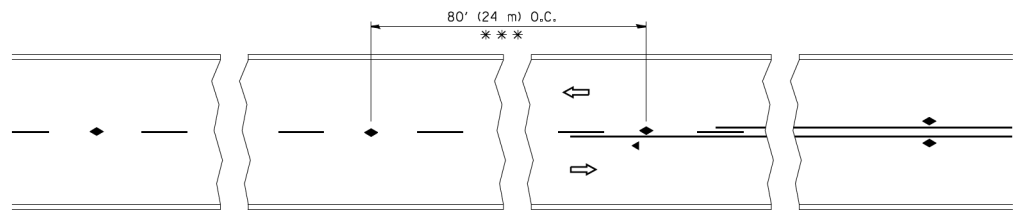
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	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

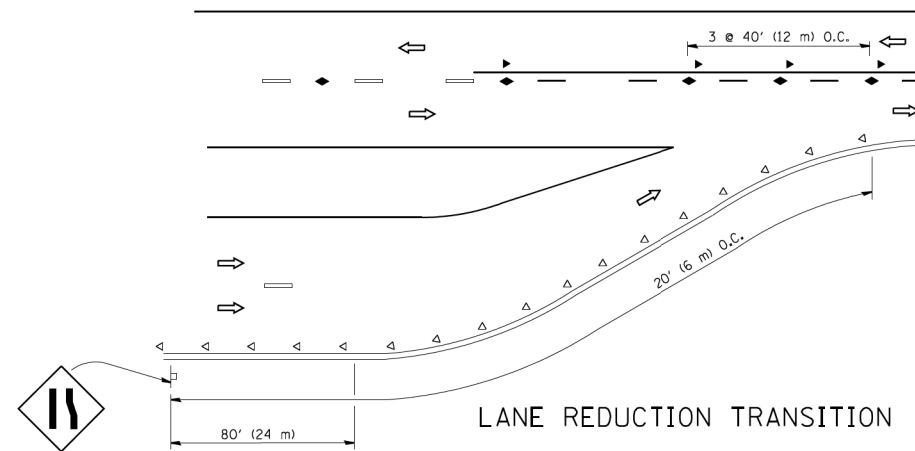
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<b>TC-10</b>			<b>CONTRACT NO. 62L93</b>	
ILLINOIS FED. AID PROJECT				

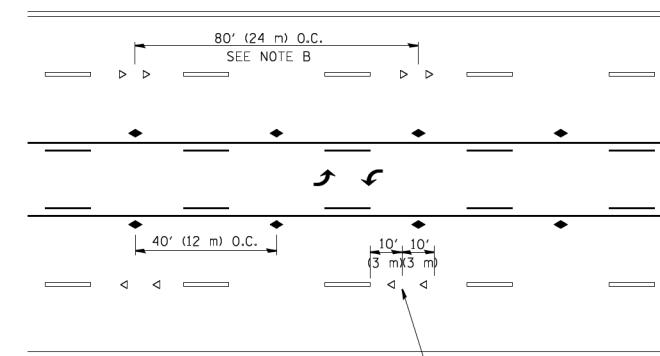


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

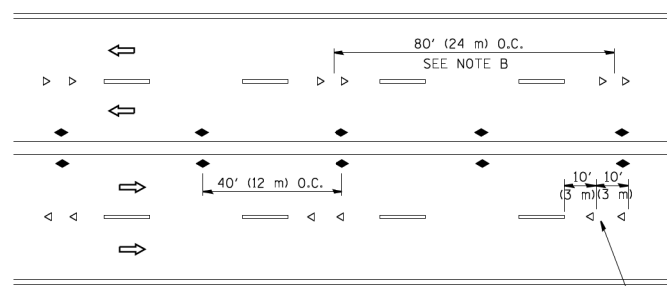
TWO-LANE/TWO-WAY



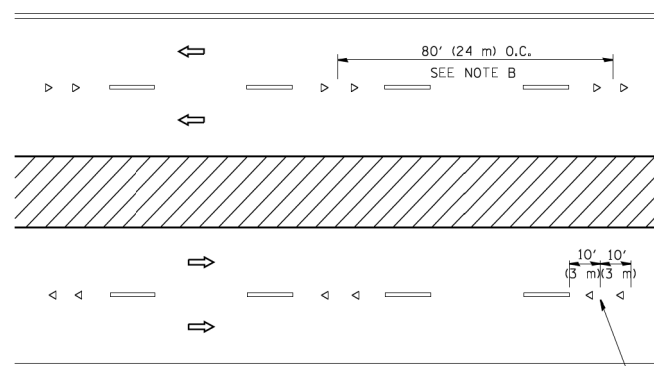
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

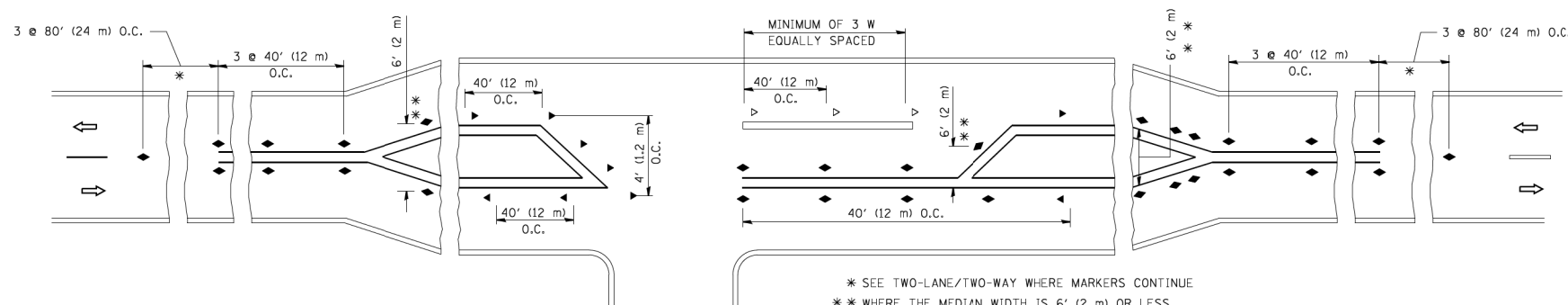
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



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

LEFT TURN

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

FILE NAME =	USER NAME = lveysa	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
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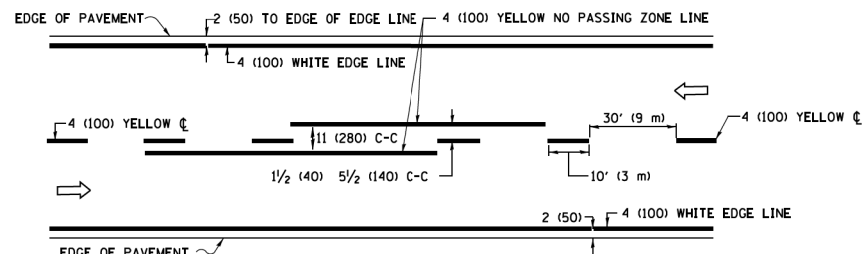
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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

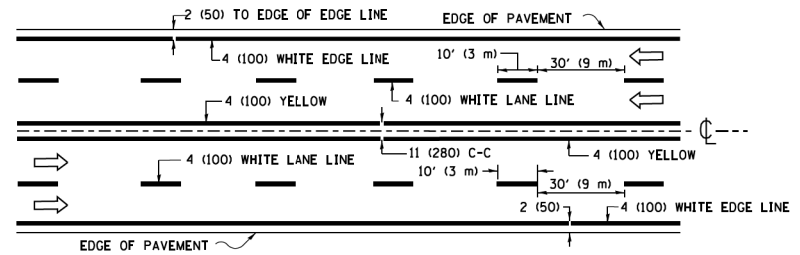
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-11		CONTRACT NO. 62L93		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

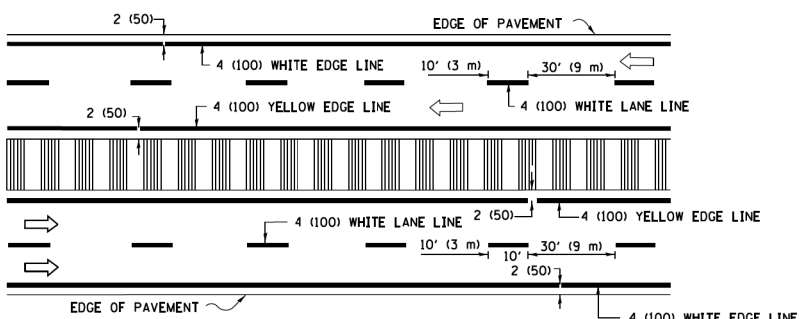




**2-LANE ROADWAY**

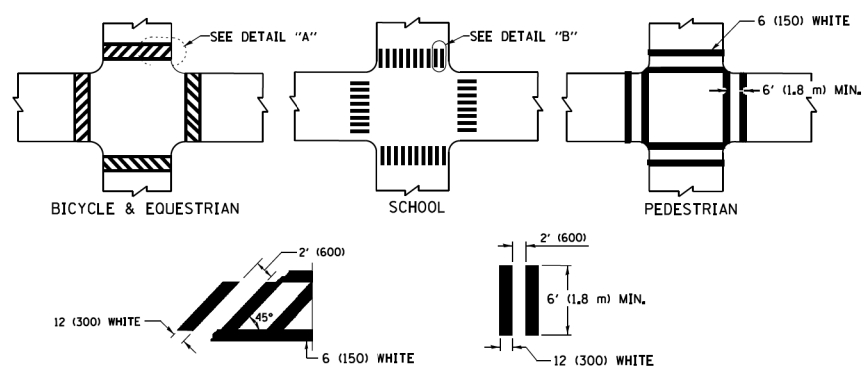


**MULTI-LANE UNDIVIDED**



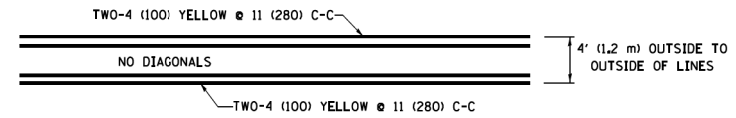
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

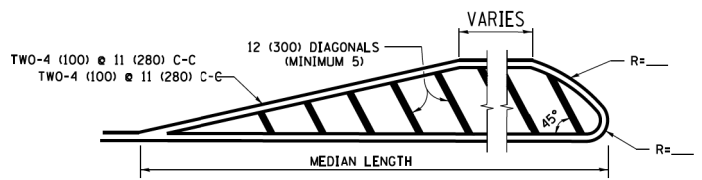


**DETAIL "A" TYPICAL CROSSWALK MARKING**

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

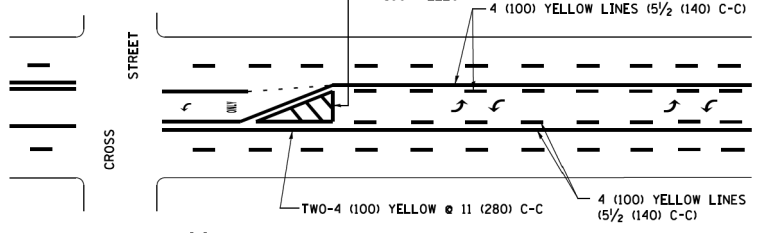


**4' (1.2 m) WIDE MEDIANS ONLY**

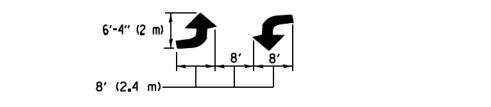


**MEDIANS OVER 4' (1.2 m) WIDE**

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



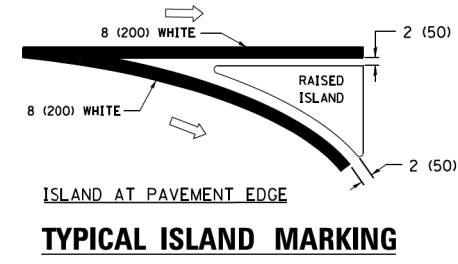
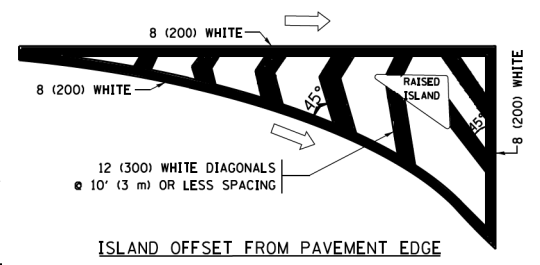
**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**



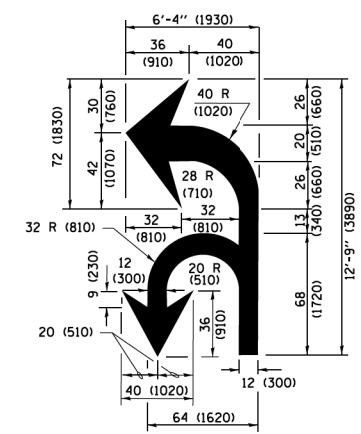
**TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING**

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

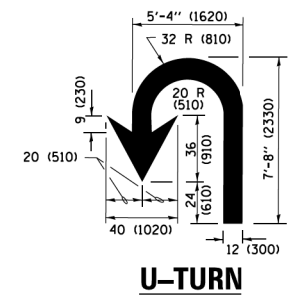
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



**TYPICAL 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	5/2 (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 5/2 (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.
CORE 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 (30 MPH (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 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"
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.

FILE NAME =	USER NAME = lryss	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
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	PLOT DATE = 6/23/2017	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

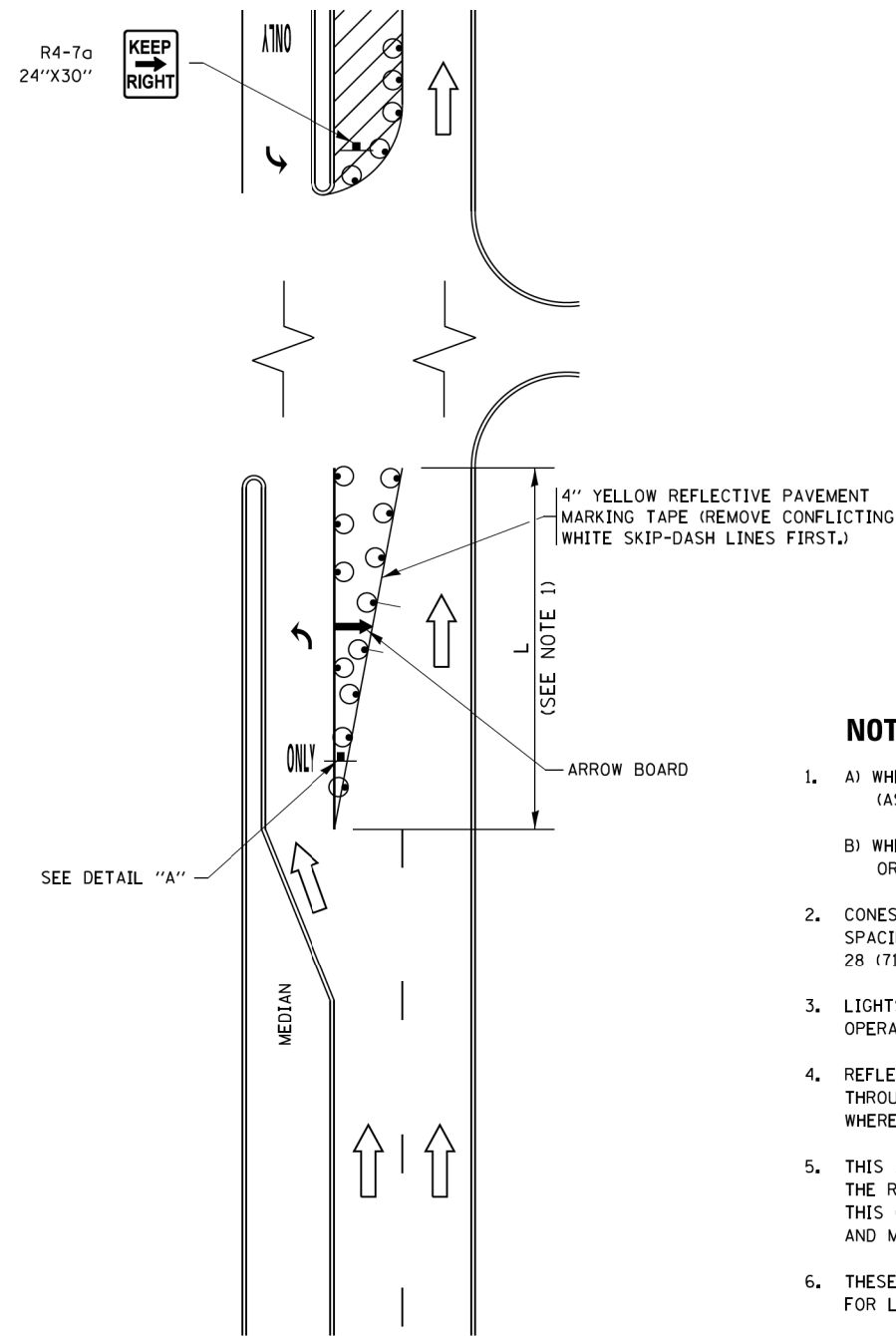
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

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

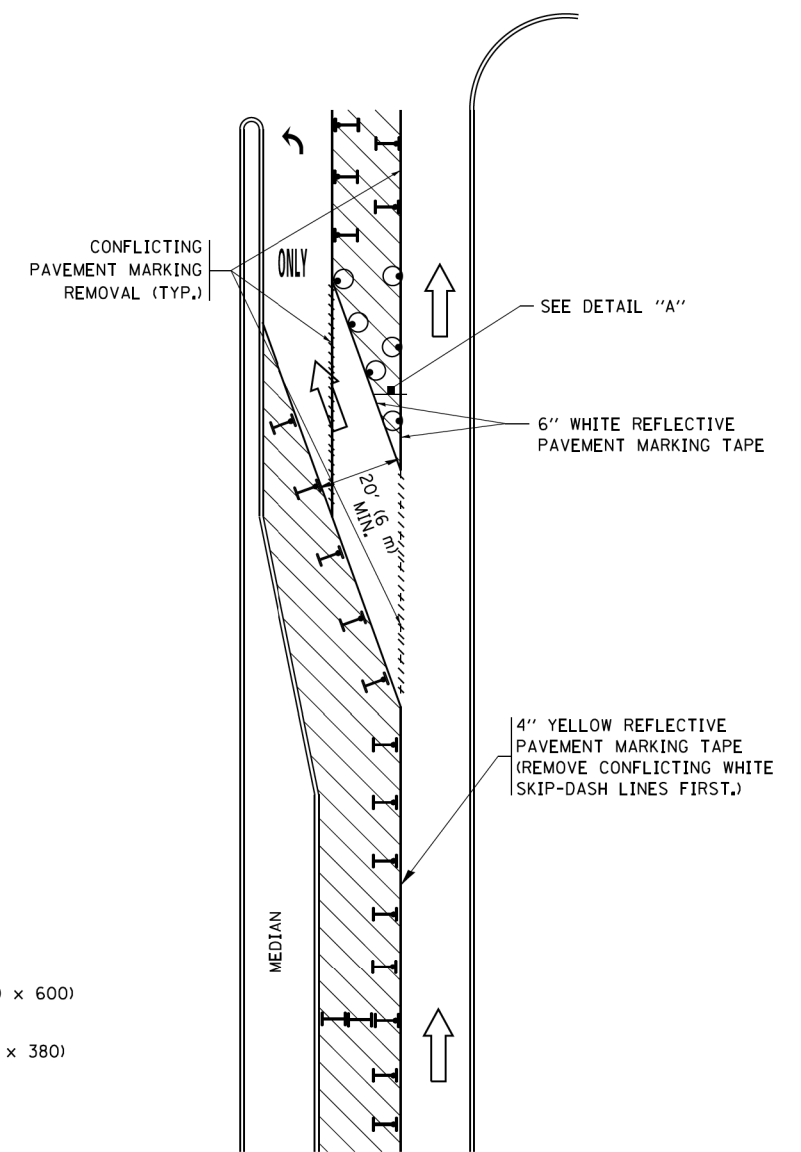
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	113
TC-13		CONTRACT NO. 62L93		
ILLINOIS FED. AID PROJECT				

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE



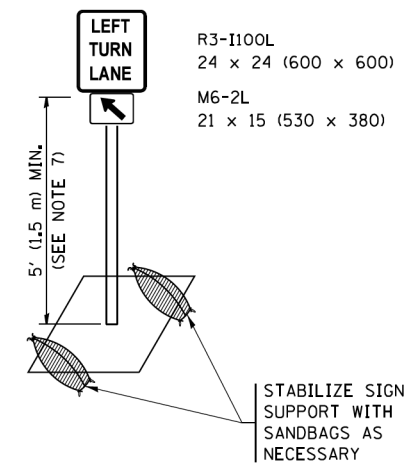
**FIGURE 2**

### 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:

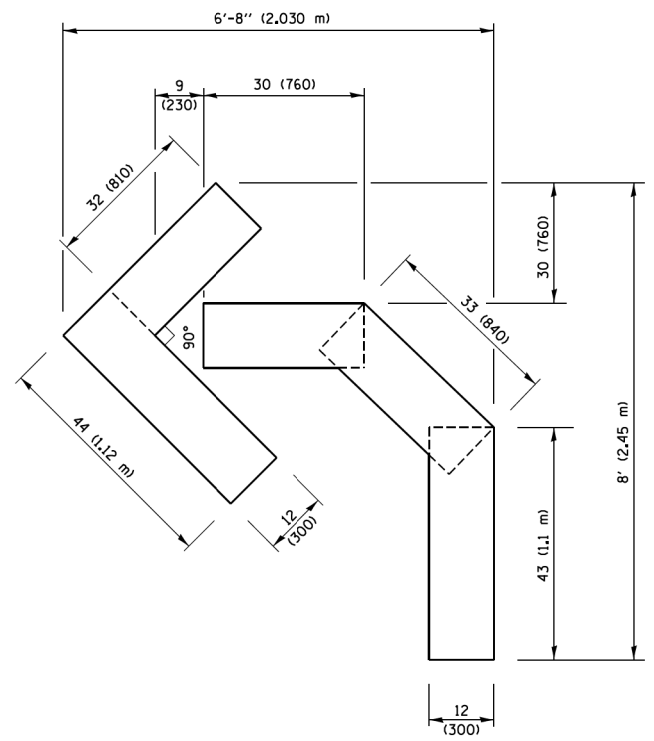
1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 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 PRE 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.



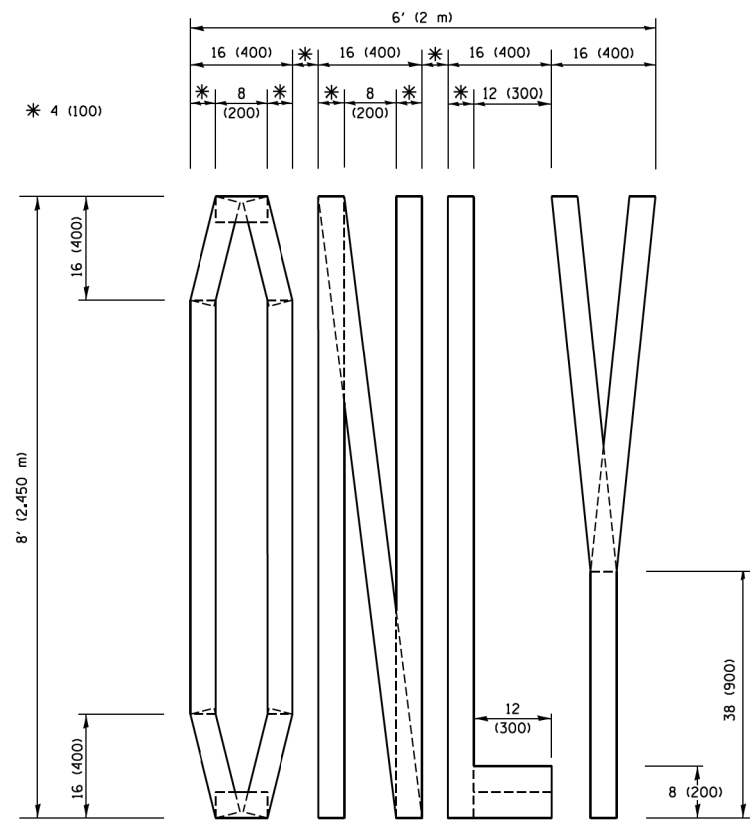
**DETAIL A**

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

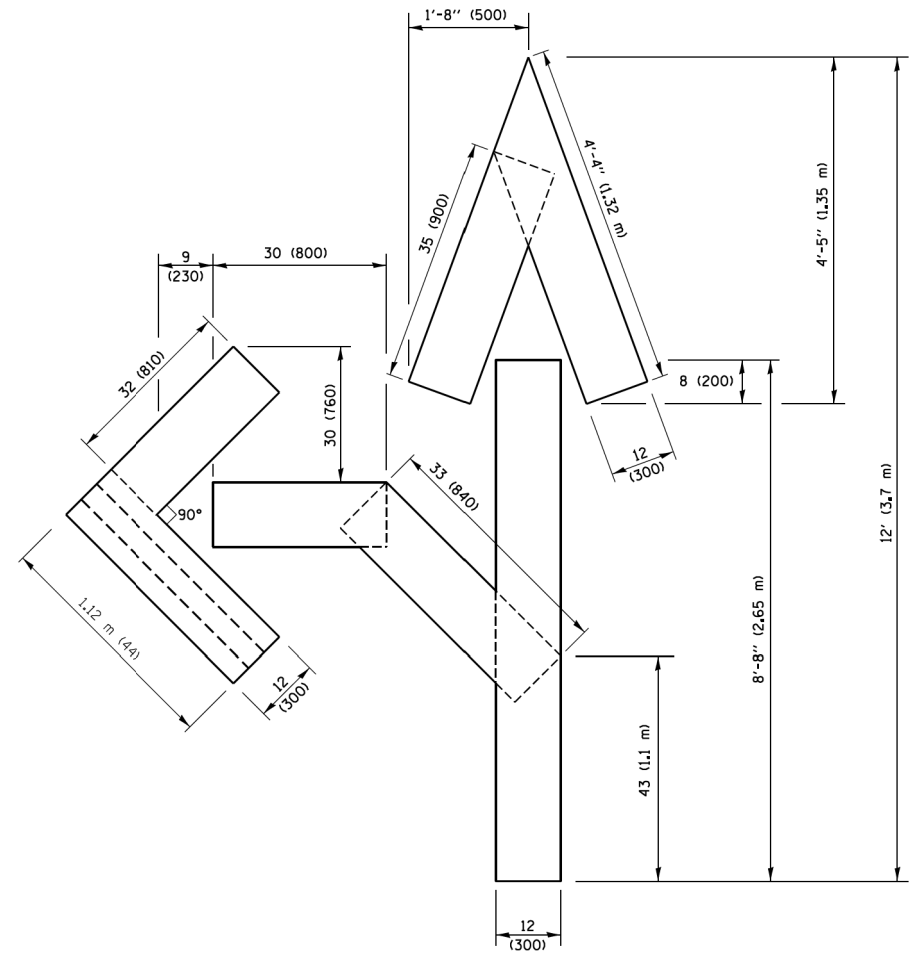
FILE NAME =	USER NAME = footemj	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Default	REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13					2626	2020-115-R5&SW	COOK	129	114
	PLOT SCALE = 50,0000' / 1in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		<b>TC-14</b>			<b>CONTRACT NO. 62L93</b>				
	PLOT DATE = 9/15/2016	REVISED - T. RAMMACHER 01-06-00	REVISED -		SCALE: NONE			SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		



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

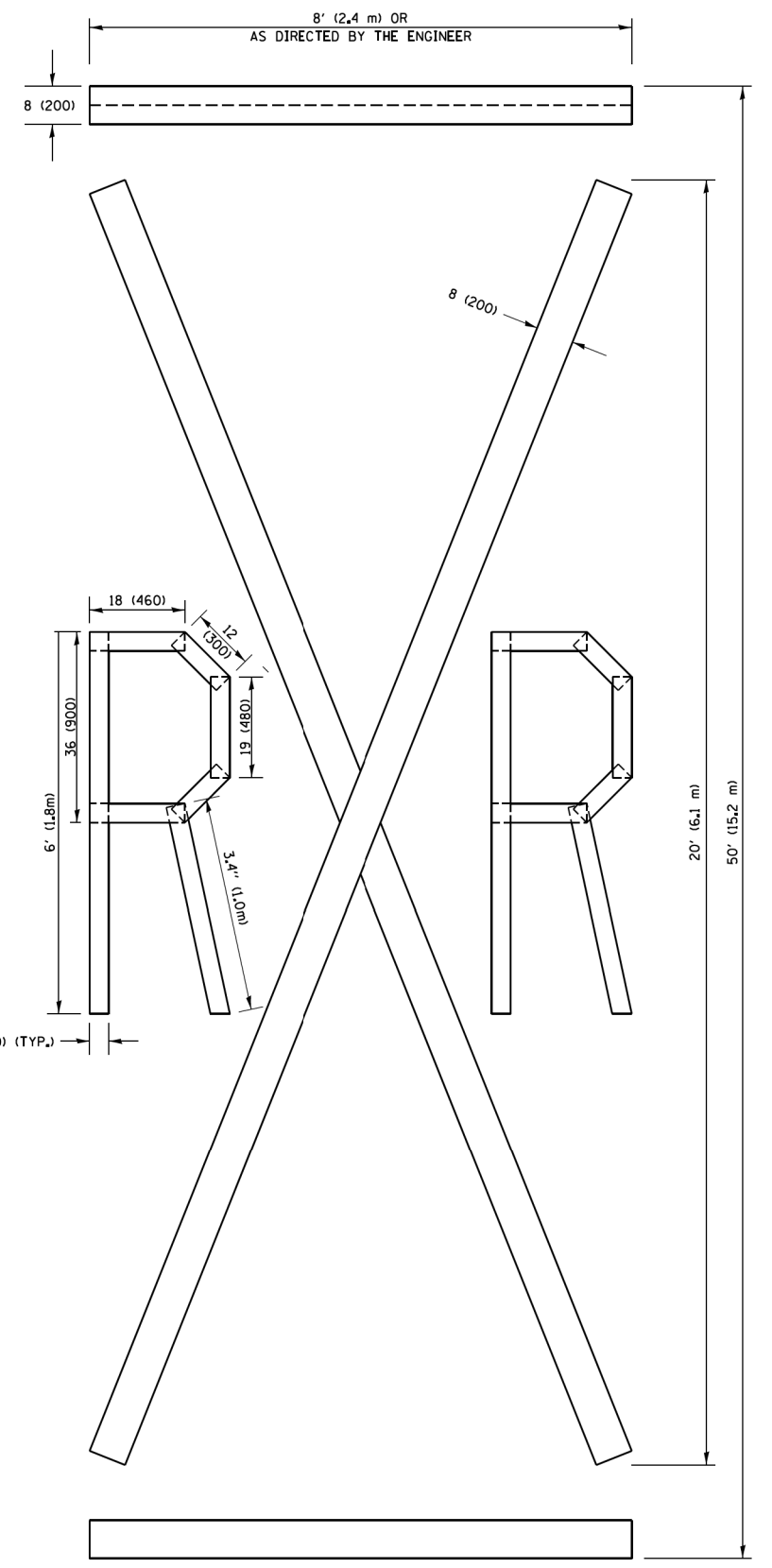


**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)



**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.

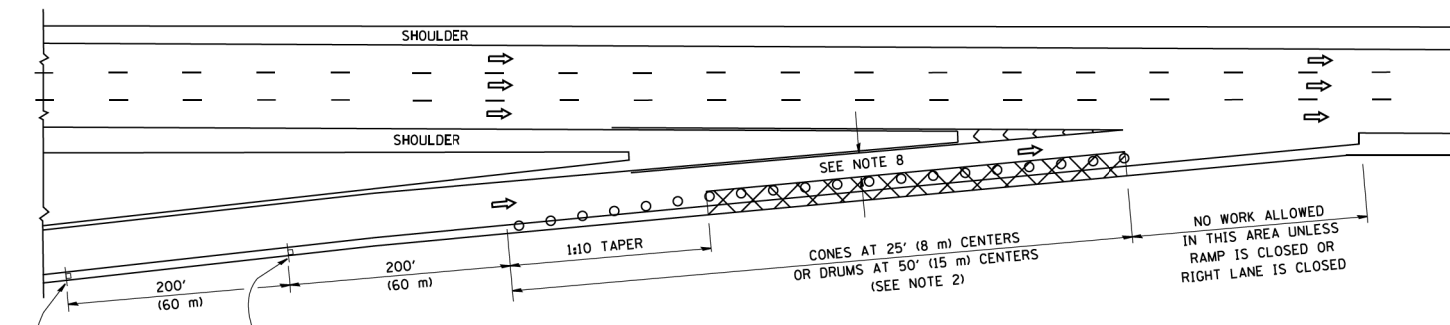


**QUANTITY**  
 4 (100) LINE = 225.9 ft. (68.9 m)  
 75.3 sq. ft. (6.99 sq. m)

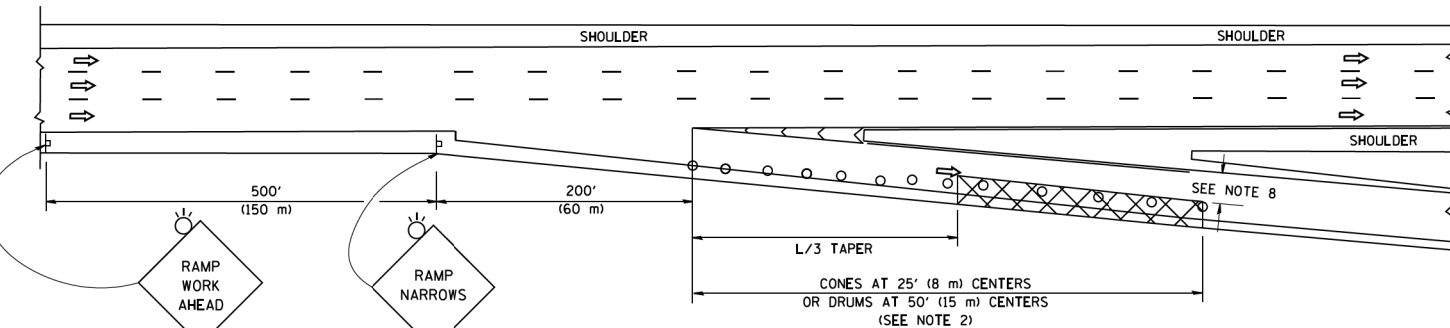
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\1\084E81D\INTEG\illinois.gov\FWIDOT\Documents\DOT Offices\District 1\Projects\Dist 1\CADData\CADsheets\to16.dgn	DRAWN	REVISED - E. GOMEZ 08-28-00	REVISED - E. GOMEZ 08-28-00					2626	2020-115-R5&SW	COOK	129	115
PLOT SCALE = 50,0000' / 1"	CHECKED -	REVISED - E. GOMEZ 08-28-00	REVISED - A. SCHUETZE 09-15-16		<b>TC-16</b>		<b>CONTRACT NO. 62L93</b>					
PLOT DATE = 9/15/2016	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

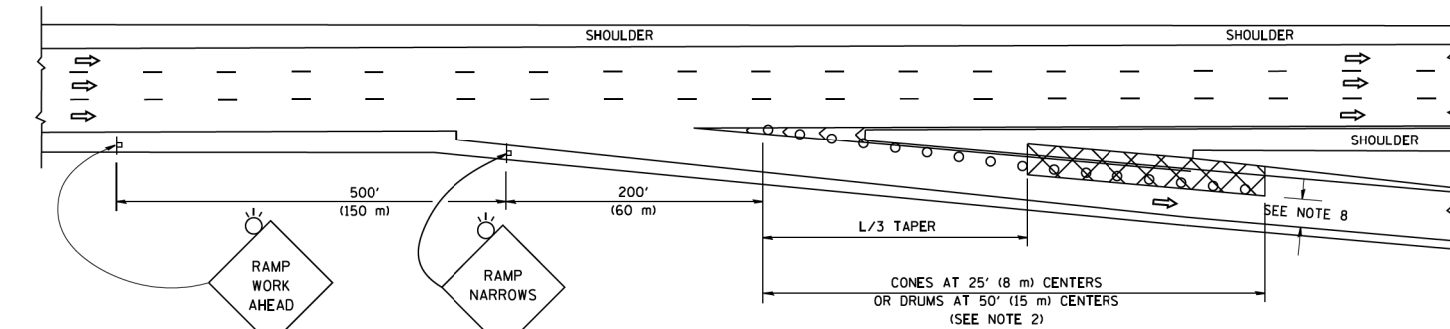
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

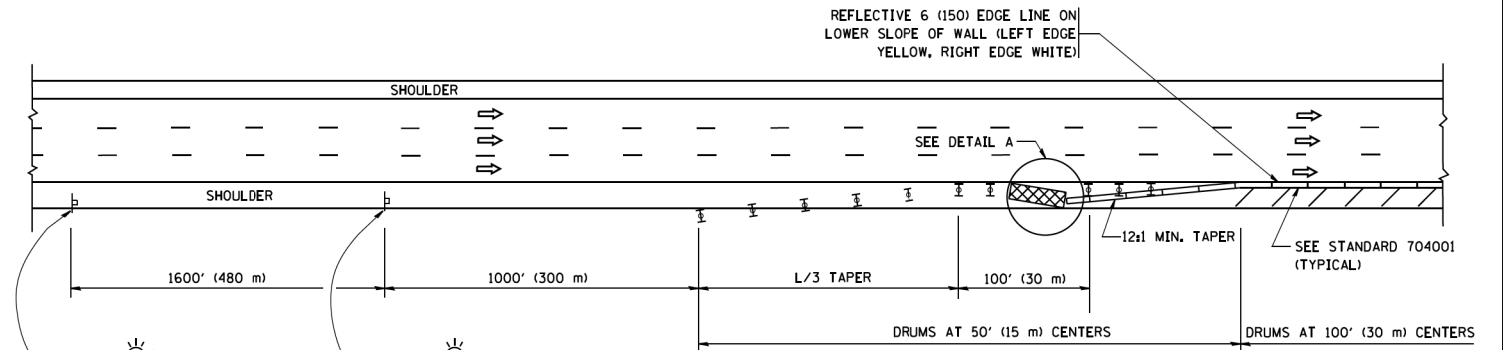
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES

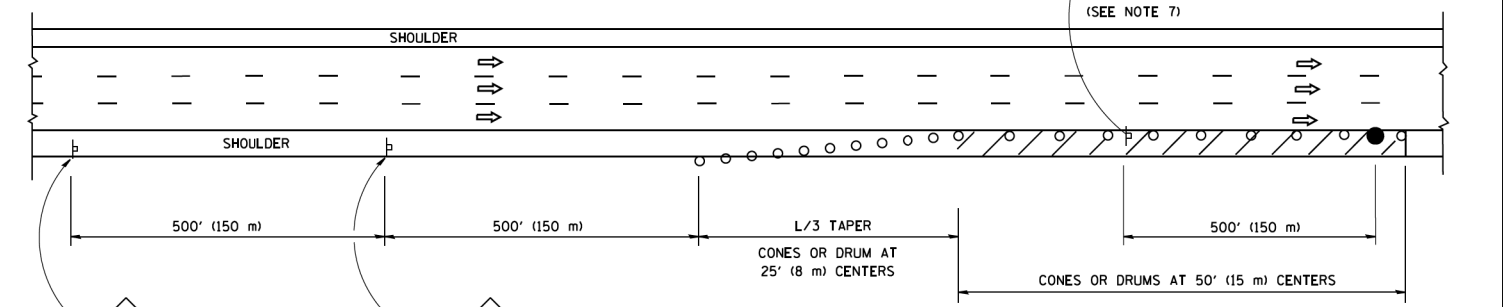
1. THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER	METRIC ENGLISH L=0.65(W)(S) L=(W)(S)
W = WIDTH OF OFFSET IN FEET (METERS) S = NORMAL POSTED SPEED MPH (KM/H)	
2. TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.
5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
  - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
  - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION  
16' MIN. WIDTH CURVE SECTION.

SHOULDER CLOSURE DETAILS

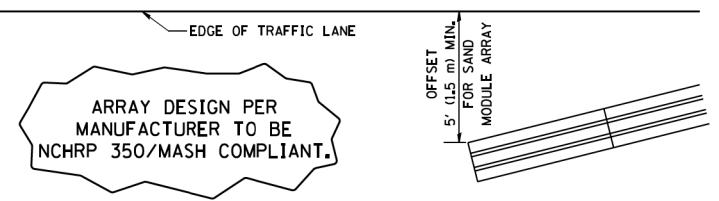


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

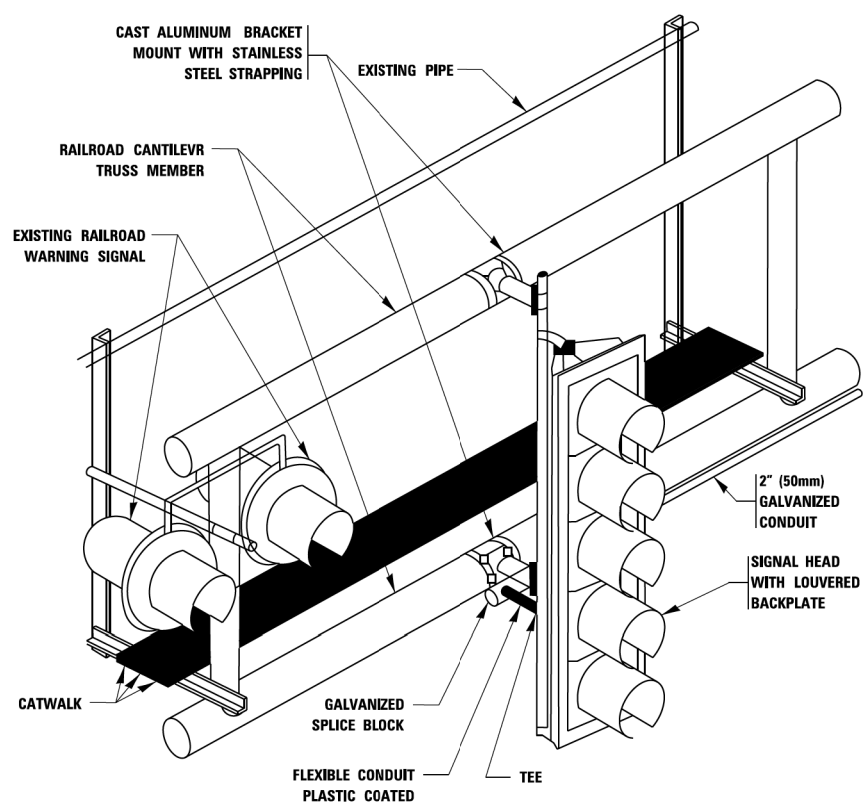
THIS DETAIL IS USED WHERE:  
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"  
IMPACT ATTENUATOR, TEMPORARY  
(SEE NOTE 5)

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

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - S.P.B. 01-07	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	pw\1\084EBID\INTEG\illinois.gov\PI\DOT\Documents\IDOT Offices\District 1\Projects\Dist 1\Projects\CAD\Drawings\17.dgn	DRAWN -	REVISED - S.P.B. 12-09			2626	2020-115-R5&SW	COOK	129	116
	PLOT SCALE = 50,0000' / 1" =	CHECKED -	REVISED - M.D. 06-13			TC-17		CONTRACT NO. 62L93		
	PLOT DATE = 11/27/2017	DATE - 11-96	REVISED - M.D. 01-18			SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. TO STA.
						ILLINOIS FED. AID PROJECT				



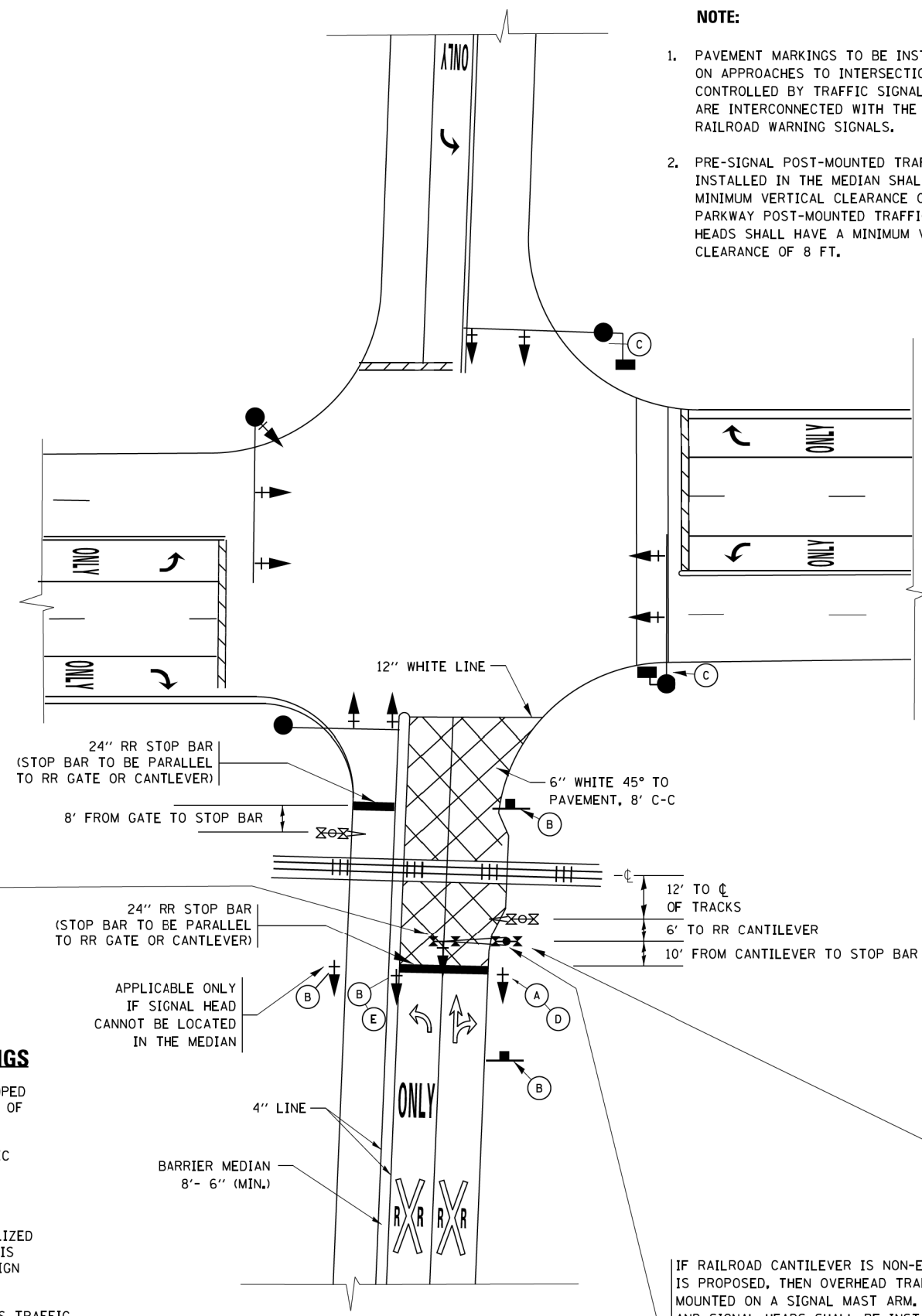
**RAILROAD CANTILEVER SIGNAL HEAD MOUNTING**  
 USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION  
 N.T.S.

**SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS**

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

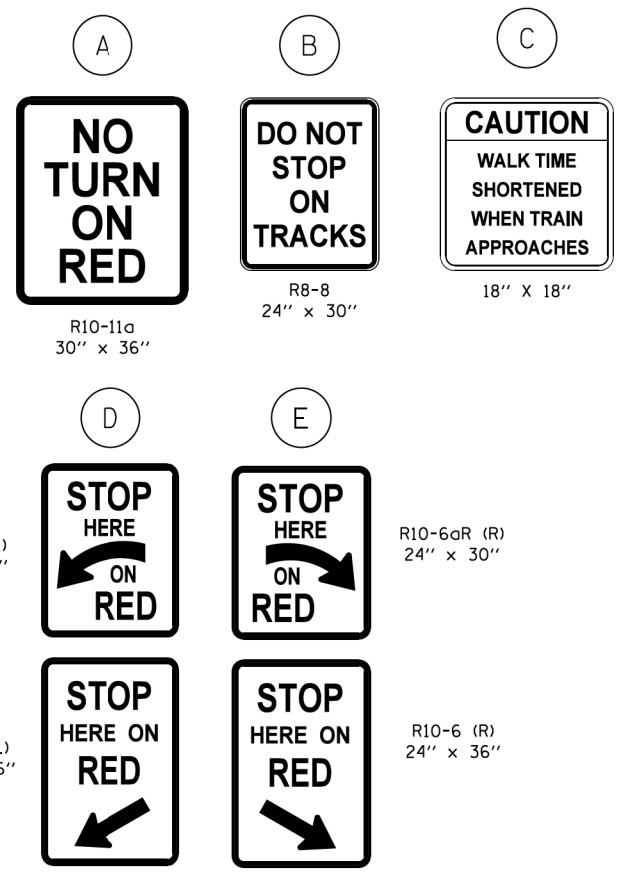
THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.

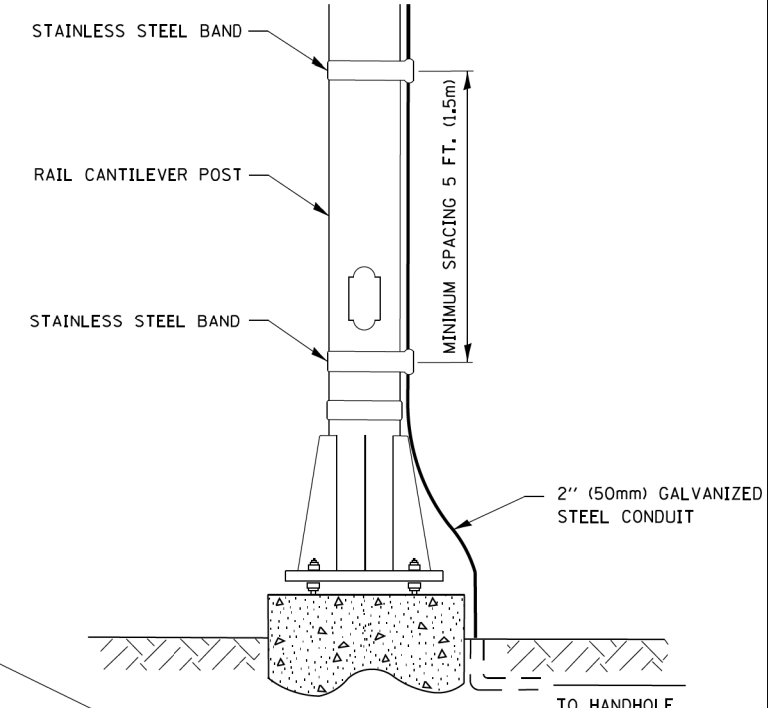


**SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL**

- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
  - PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



R10-6a (L) 24" x 30"  
 R10-6 (L) 24" x 36"



**SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL**

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

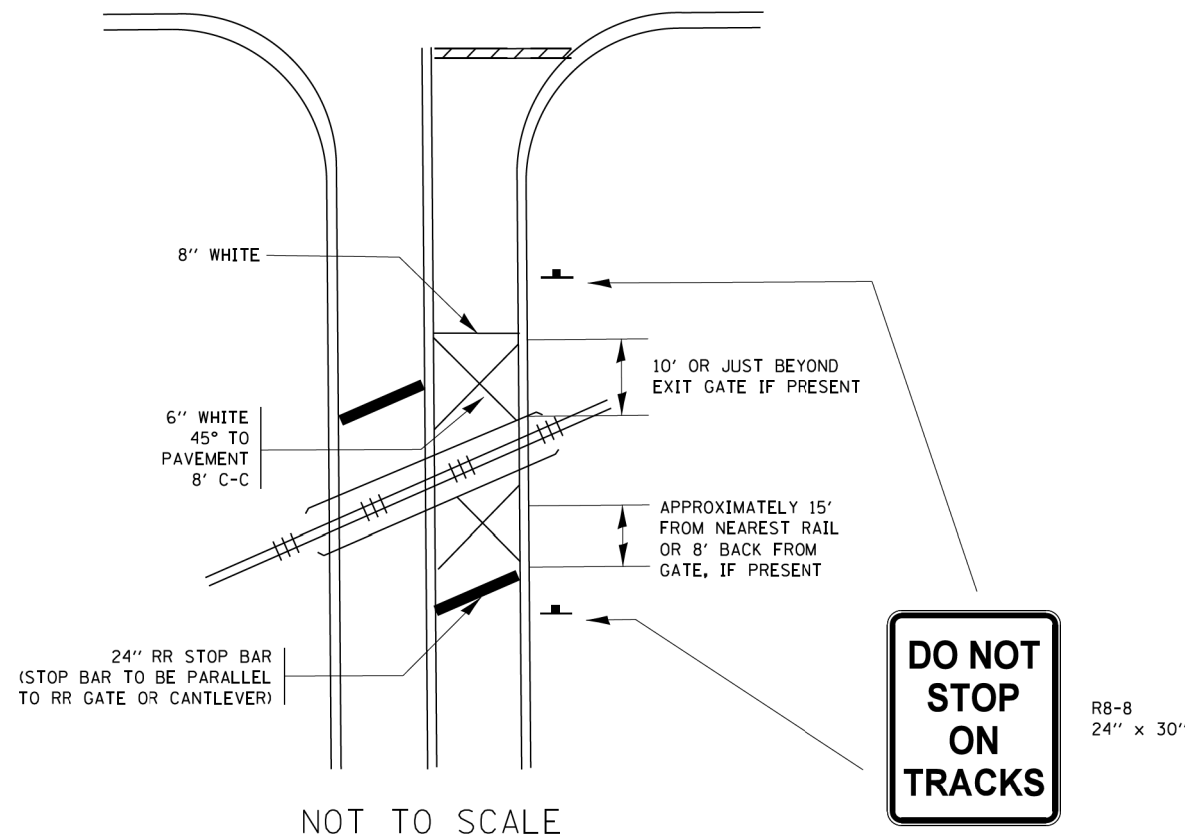
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

IF RAILROAD CANTILEVER IS NON-EXISTANT AND NONE IS PROPOSED, THEN OVERHEAD TRAFFIC SIGNAL TO BE MOUNTED ON A SIGNAL MAST ARM. SIGNAL MAST ARM AND SIGNAL HEADS SHALL BE INSTALLED AS CLOSE AS PRACTICABLE TO THE RAILROAD TRACKS WITHOUT OBSTRUCTING ANY RAILROAD WARNING DEVICES. SIGNAL MAST ARM SHALL BE AT LEAST 12 FT. FROM NEAREST RAIL.

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - 02-25-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Default	CHECKED -	REVISED - 04-26-12						2626	2020-115-R5&SW	COOK	129	117
		DATE -	REVISED - A.R. 07-11-16		<b>TC-23</b>				CONTRACT NO. 62L93				
			REVISED -		ILLINOIS FED. AID PROJECT								

# TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

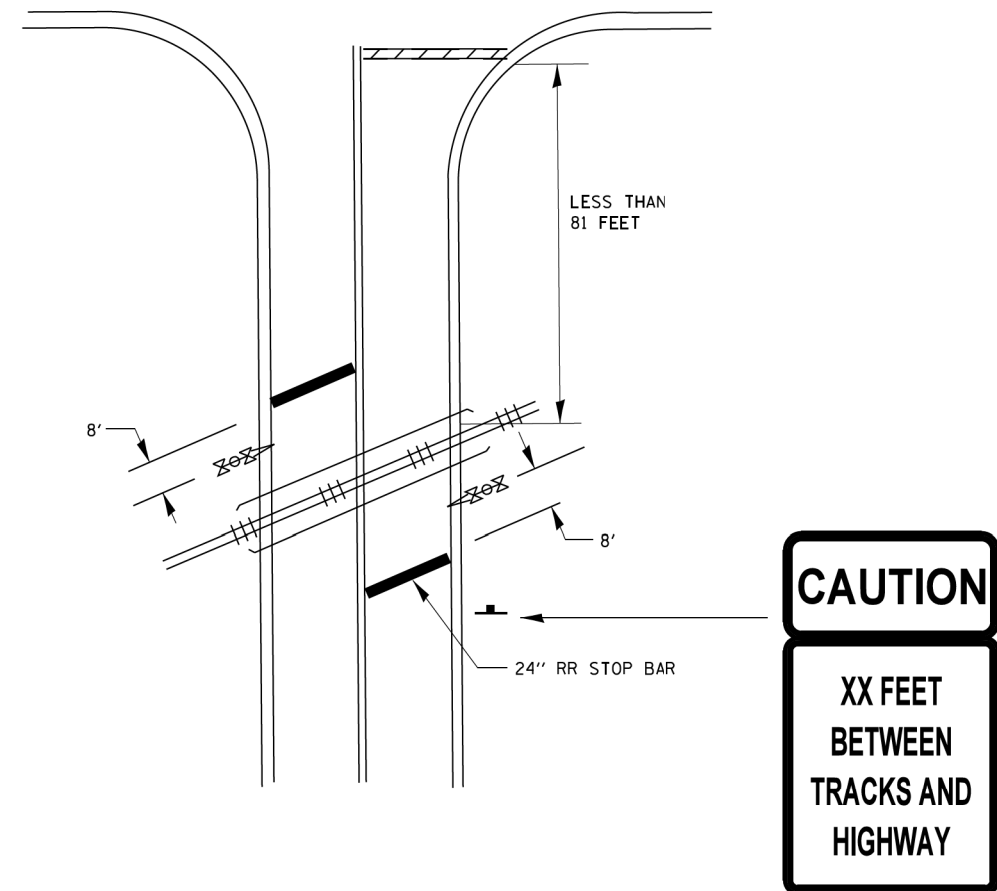
## WITH SIGNALIZED INTERSECTION



**NOTE:**

1. PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

## WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL

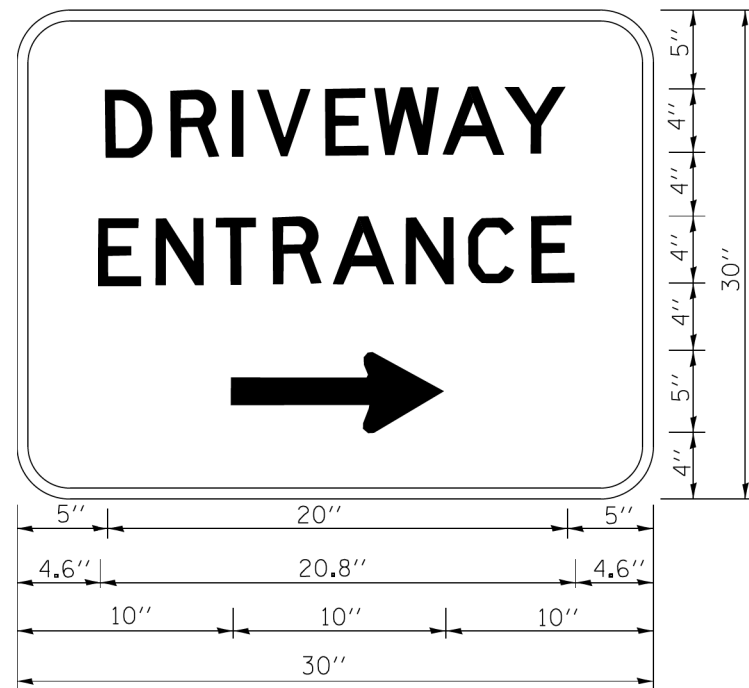


**NOTE:**

1. DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
2. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

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

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - 02-25-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw1\11084E81DINTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\CAD\CADData\CADsheets\tc23.dgn	DRAWN	REVISED - 04-26-12	REVISED - A.R. 07-11-16			2626	2020-115-R5&SW	COOK	129	118
Default	PLOT SCALE = 50,000' / 1" =	CHECKED -	REVISED -			<b>TC-23</b>		CONTRACT NO. 62L93		ILLINOIS FED. AID PROJECT
	PLOT DATE = 1/3/2017	DATE -	REVISED -	SCALE: NONE    SHEET 2 OF 2 SHEETS    STA. TO STA.						



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".

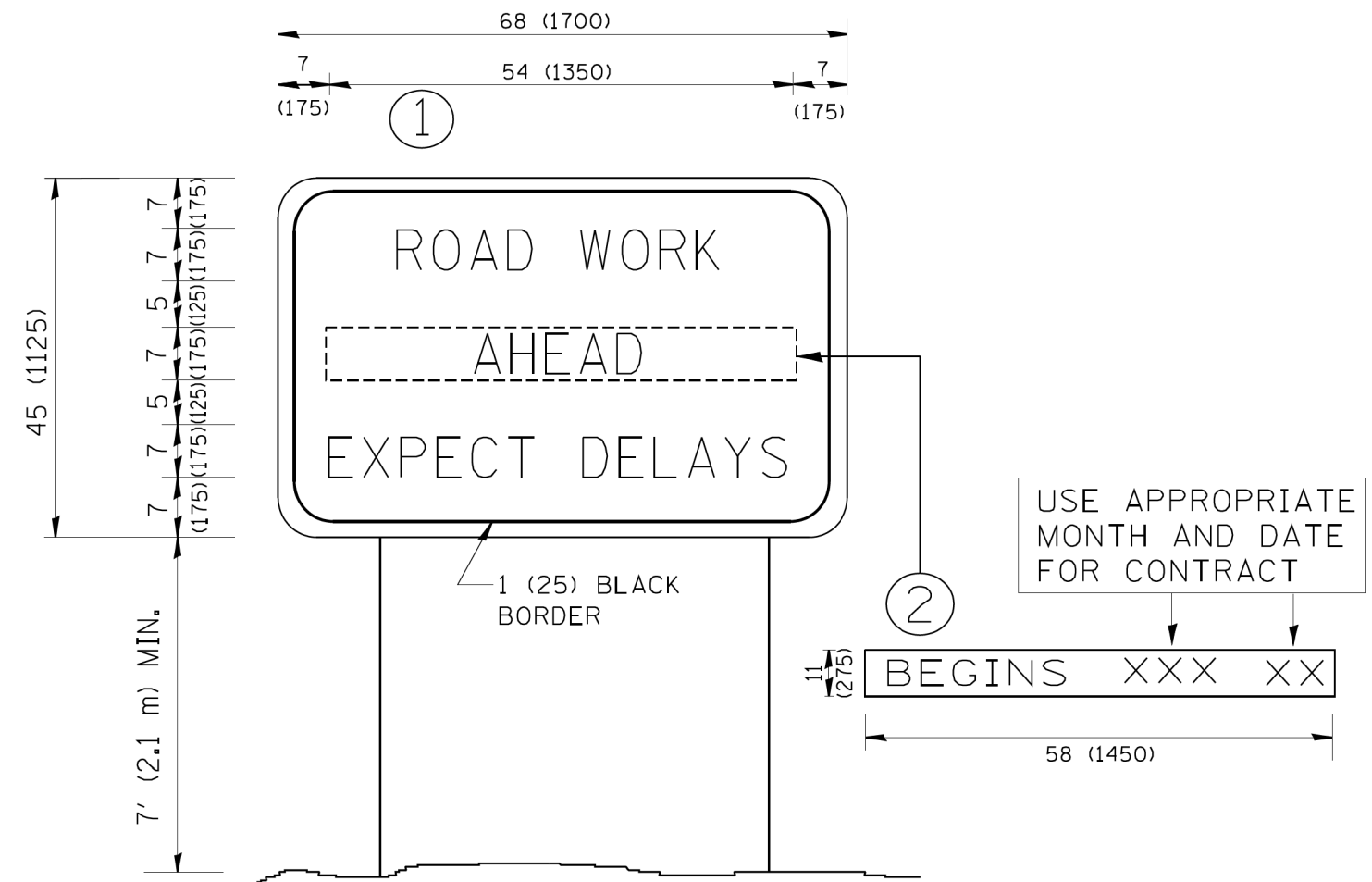
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ca\p\work\p\dot\gagl1anob1\d0108315\tp6.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	119
TC-26			CONTRACT NO. 62L93	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTES:**

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

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

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = geglanoht	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

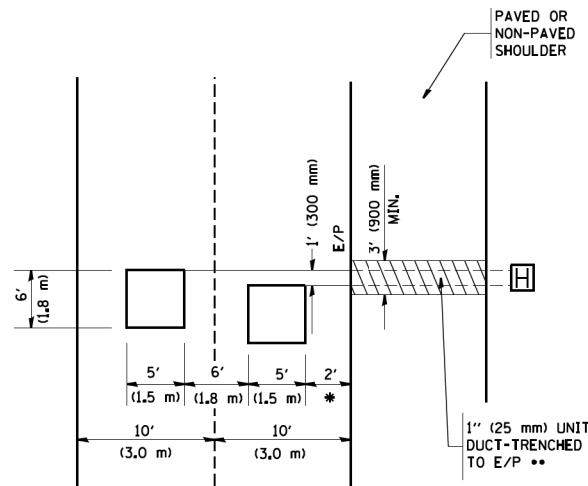
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	120
TC-22		CONTRACT NO. 62L93		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**LOOPS NEXT TO SHOULDERS**

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



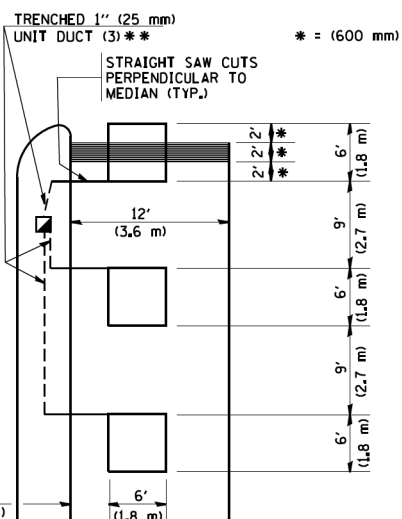
\* = (600 mm)

\*\* 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.

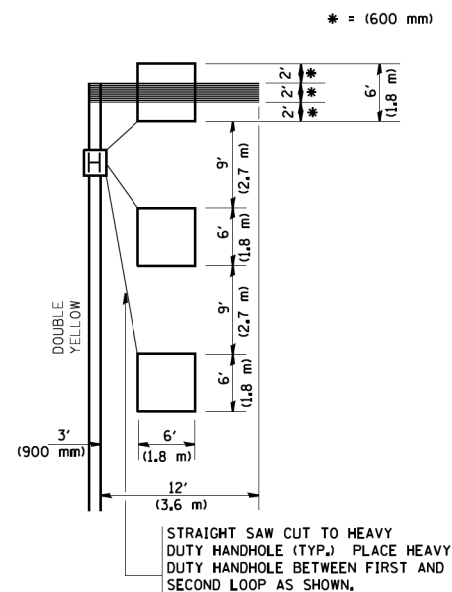


\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

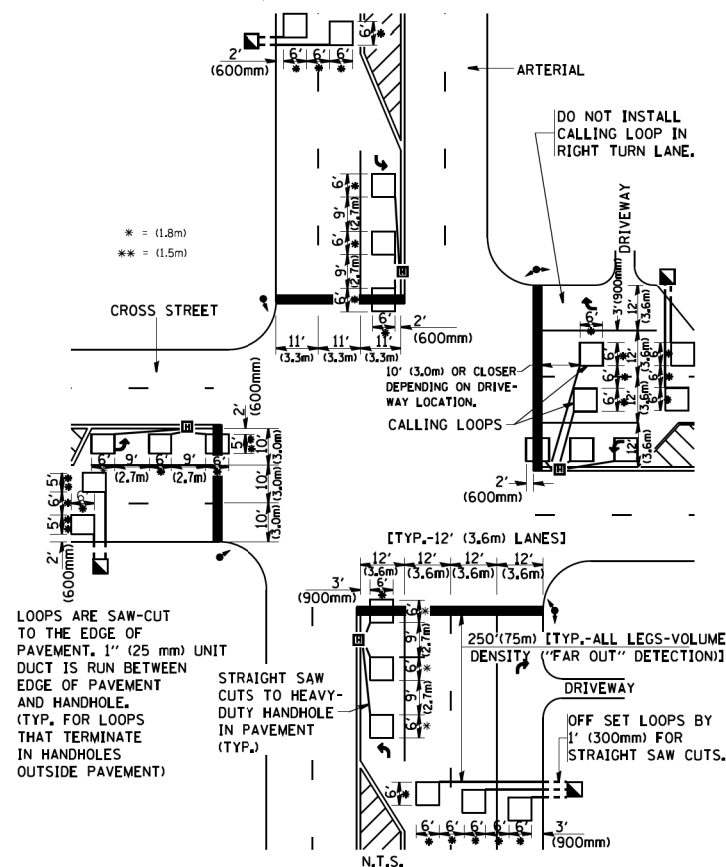
**LEFT TURN LANES WITHOUT MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)



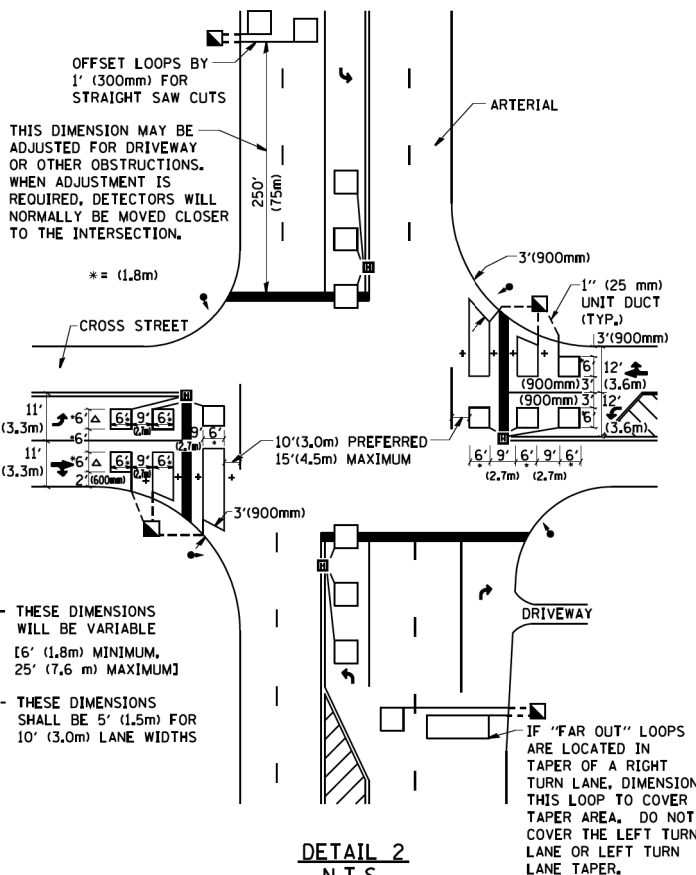
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



**DETAIL 1**  
N.T.S.

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



**DETAIL 2**  
N.T.S.

**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 SEPARATELY. 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.

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PLOT DATE = 1/4/2008

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CHECKED - R.K.F.  
DATE -

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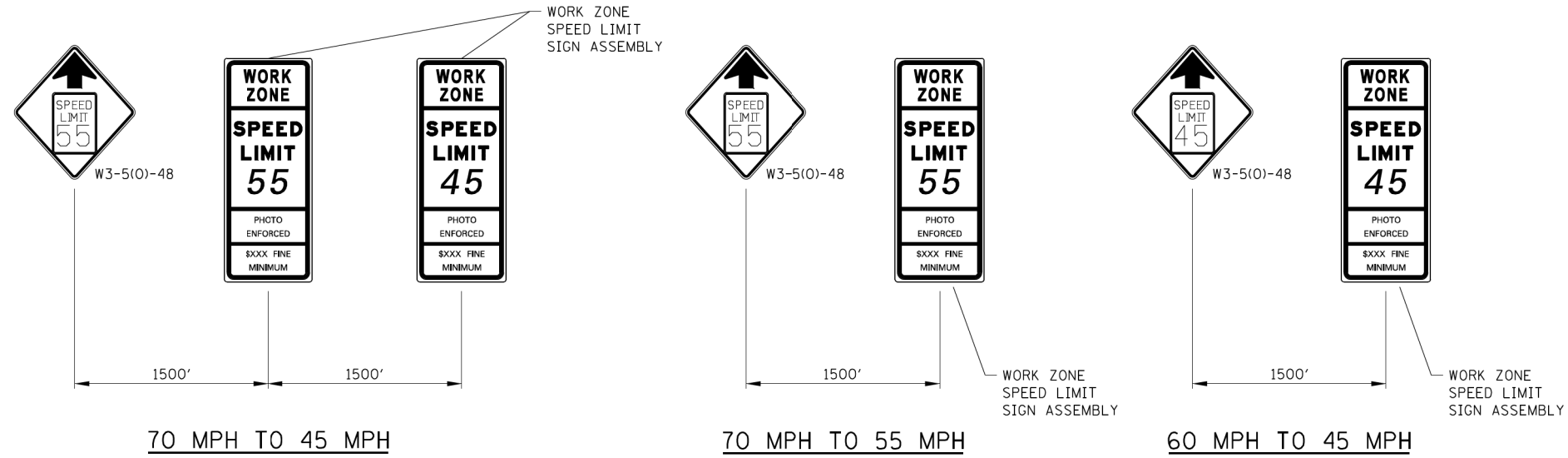
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

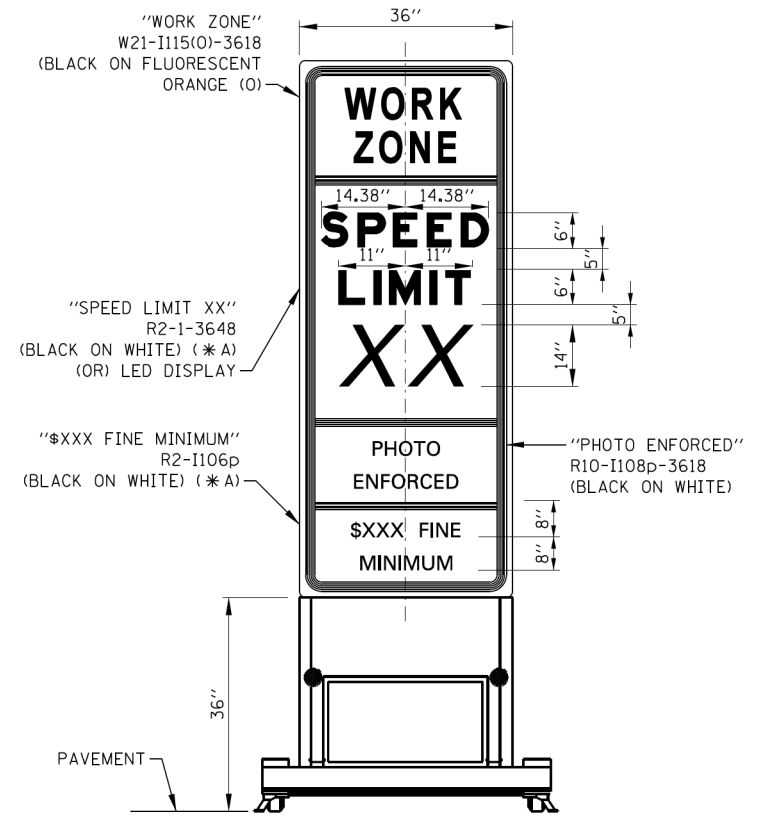
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	121
<b>TS-07</b>		<b>CONTRACT NO. 62L93</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

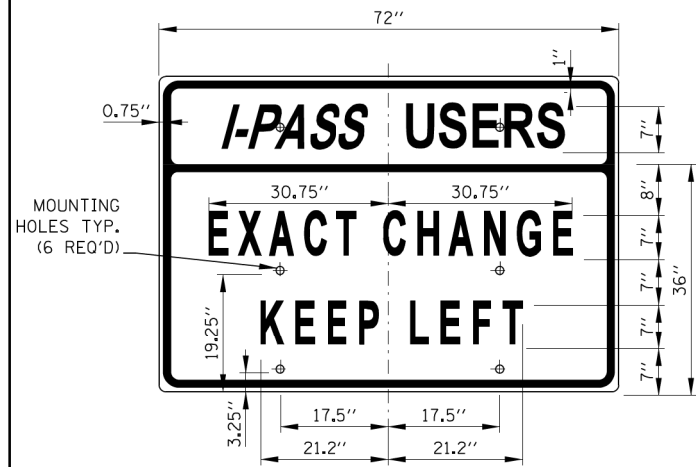




WORK ZONE SPEED LIMIT TRANSITION SIGNAGE

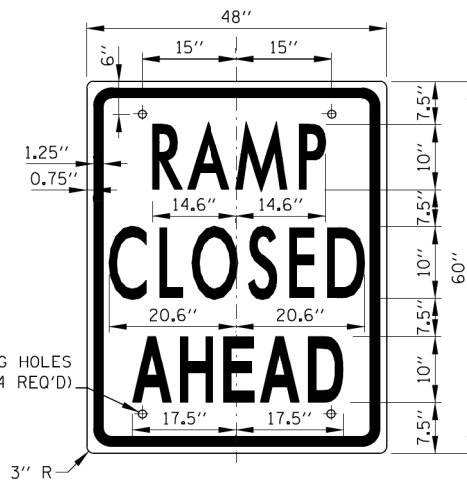


WORK ZONE SPEED LIMIT SIGN ASSEMBLY



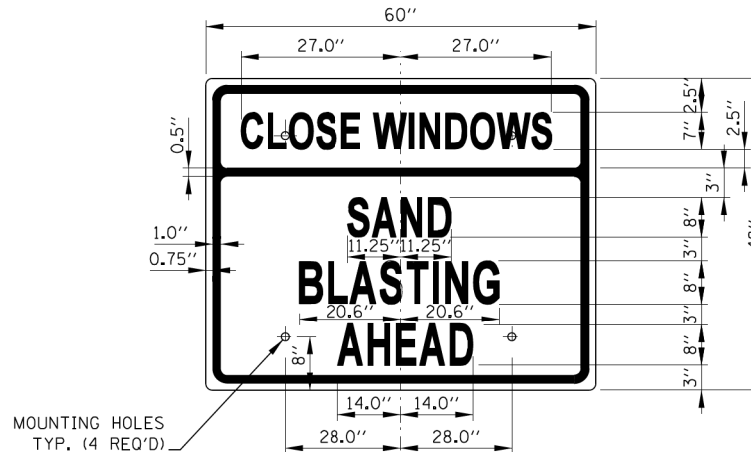
SIGN TS-7

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (\* A)  
 BORDER AND LETTERS - BLACK  
 SIZE: 72"x36"  
 LETTERING: 7" FEDERAL SERIES C  
 MOUNTING HOLES: 1/16" DIA., 4 HOLES SPACED AS SHOWN



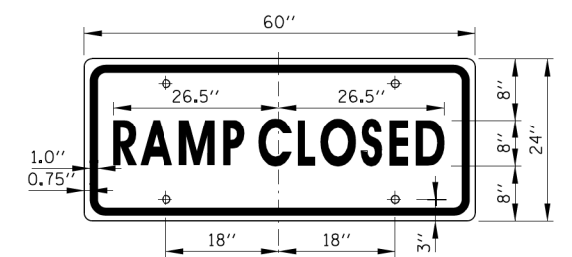
SIGN TS-9

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (\* A)  
 BORDER AND LETTERS - BLACK  
 SIZE: 48"x60"  
 LETTERING: 10" FEDERAL SERIES C  
 MOUNTING HOLES: 1/16" DIA., 4 HOLES SPACED AS SHOWN



SIGN TS-10 (O)

COLOR: BACKGROUND - FLUORESCENT ORANGE (O)  
 BORDER AND LETTERS - BLACK  
 SIZE: 60"x48"  
 LETTERING: 8" FEDERAL SERIES C, 7" FEDERAL SERIES B  
 MOUNTING HOLES: 1/16" DIA., 4 HOLES SPACED AS SHOWN



SIGN TS-6

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (\* A)  
 BORDER AND LETTERS - BLACK  
 SIZE: 60"x24"  
 LETTERING: 8" FEDERAL SERIES C  
 MOUNTING HOLES: 1/16" DIA., 4 HOLES SPACED AS SHOWN

SHEET 2 OF 2



CONSTRUCTION SIGNS

STANDARD E1-07

NOTE:  
SEE SHEET 1 OF THIS SERIES FOR NOTES.

*Paul Kovacs*  
 APPROVED... DATE: 5-1-2009  
 CHIEF ENGINEERING OFFICER

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

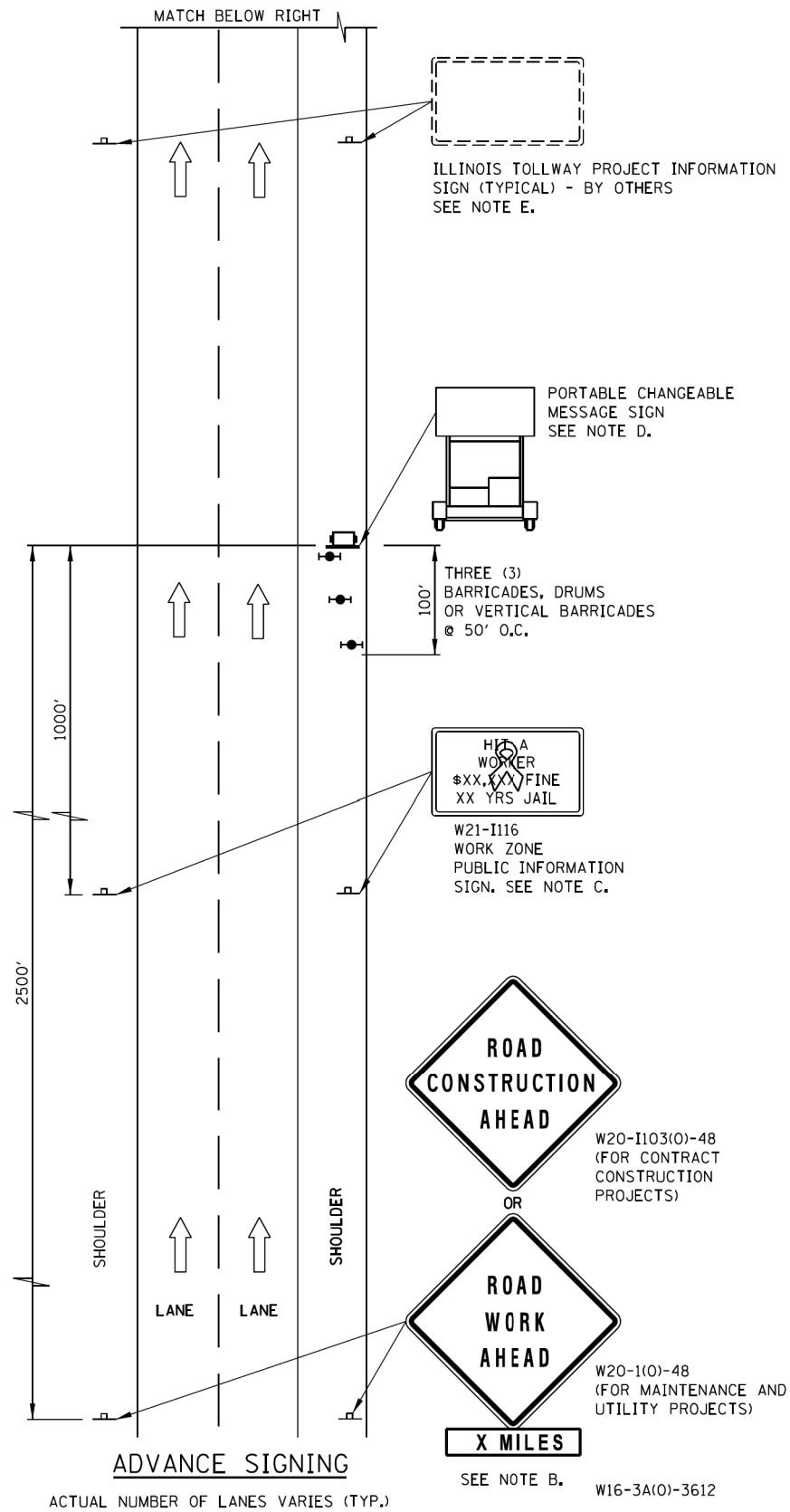
ILLINOIS TOLLWAY DETAILS

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PLOT DATE = 12/9/2020	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	123
CONTRACT NO. 62L93				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

ILLINOIS	FED. AID PROJECT
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**ADVANCE SIGNING NOTES:**

- A. THE ADVANCE SIGNING SHOWN ON THIS STANDARD SHALL APPLY ANY TIME THE CONTRACTOR CLOSES ONE OR MORE LANES, OR IS REQUIRED TO SHIFT THE LANE ALIGNMENT. THE "ROAD WORK AHEAD" OR "ROAD CONSTRUCTION AHEAD" SIGNS, WORK ZONE PUBLIC INFORMATION SIGNS AND PORTABLE CHANGEABLE MESSAGE ARE STATIONARY.
- B. THE ROAD CONSTRUCTION AHEAD SIGN (W20-1A, WITH W16-3a SUPPLEMENTAL PLATE) OR ROAD WORK AHEAD SIGN (W20-1, WITH W16-3A SUPPLEMENTAL PLATE) SHALL BE LOCATED UP TO 5 MILES IN ADVANCE OF THE PROJECT LIMITS, WITH THE LOCATION BEING DETERMINED BY THE ENGINEER.
- C. THE WORK ZONE PUBLIC INFORMATION SIGN IS 60" WIDE BY 48" HIGH. THE CONTRACTOR SHALL OBTAIN THE CAMERA-READY ARTWORK REQUIRED FOR THE SIGN MESSAGE BY CONTACTING IDOT'S CENTRAL BUREAU OF OPERATIONS.
- D. THE PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE USED TO DISPLAY THE STATUS OF LANE WITHIN THE CONTRACT LIMITS. THE PRIMARY MESSAGES SHALL BE: "RIGHT LANE(S) CLOSED" / "X MILES AHEAD", "LEFT LANE(S) CLOSED" / "X MILES AHEAD", "LANE(S) SHIFT" / "X MILES AHEAD", "ALL LANES OPEN". THE PORTABLE CHANGEABLE MESSAGE SIGN MAY BE MOVED TO THE MEDIAN SHOULDER WHEN THE LANE CLOSURES ARE ON THE LEFT, PROVIDED THE EXISTING SHOULDER WIDTH IS ADEQUATE.
- E. THE ILLINOIS TOLLWAY WILL FURNISH AND INSTALL STATIC PROJECT INFORMATION SIGNS IN ADVANCE, THROUGH AND AT THE END OF THE WORK ZONE. THESE SIGNS WILL BE INSTALLED ALONG THE OUTSIDE SHOULDER WITH THE ADVANCE SIGNS LOCATED BEYOND THE PORTABLE CHANGEABLE MESSAGE SIGN. THE ENGINEER AND CONTRACTOR SHALL COORDINATE WITH THE ILLINOIS TOLLWAY REGARDING THE LOCATION OF THESE SIGNS AND NOTIFY THE ILLINOIS TOLLWAY OF ANY DAMAGE TO THE SIGNS OR SUPPORTS.

**LEGEND**

- ➔ ARROW BOARD
- ▨ WORK AREA
- ┆ SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHT
- ⊥ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH LIGHT IF REQUIRED. SEE ARTICLE 701.05(a)(5)
- FLAGGER WITH TRAFFIC CONTROL SIGN
- ⚡ WORKER
- ✕ LANE CLOSED
- 🚚 CHECK BARRICADE
- 🚛 TRUCK MOUNTED ATTENUATOR

SHEET 1 OF 3



LANE CLOSURE DETAILS

STANDARD E2-09

DATE	REVISIONS
3-31-2016	ADDED LANE CLOSURE WITH BARRIER AND ADDED SEQUENTIAL FLASHING WARNING LIGHT.
3-31-2017	ADDED TAPER RATE TABLE
3-01-2019	RE-ARRANGED DETAILS, REVISED NOTE 17, ADDED NOTES 18 & 19, ADDED TMA
3-01-2020	CLARIFIED TMA REQUIREMENTS, UPDATED BARRICADE LIGHT CALL-OUTS

*Paul Kovacs*  
 APPROVED... CHIEF ENGINEERING OFFICER DATE 5-1-2009

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	124
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

**LANE CLOSURE NOTES:**

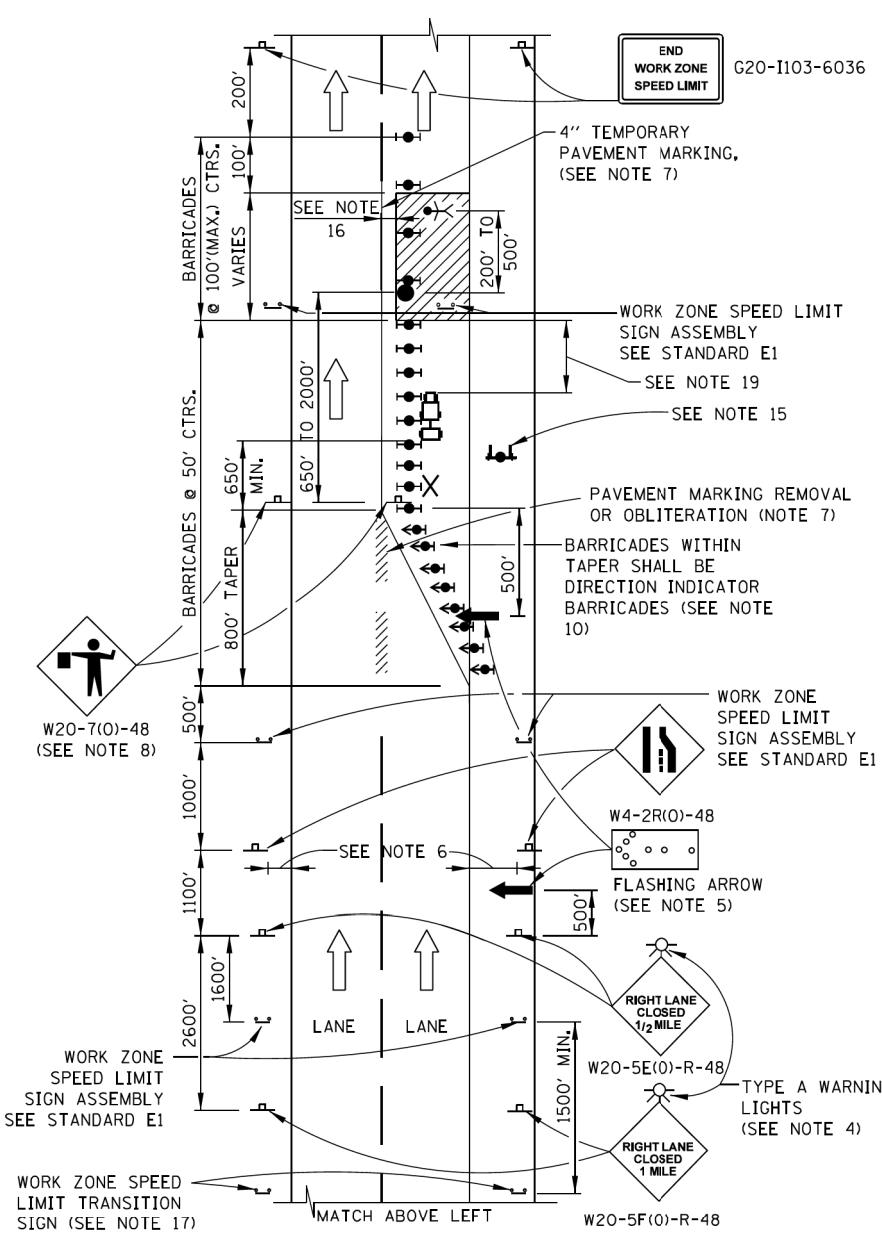
- IF CLOSURES ARE EXPECTED TO PRODUCE TRAFFIC BACKUPS EXTENDING BEYOND THE FIRST WARNING SIGN SHOWN ON THE DETAILS, ADDITIONAL UPSTREAM SIGNS SHALL BE PLACED SO THAT THE TRAFFIC CONTROL ZONE ENCOMPASSES THE ANTICIPATED BACKUP ZONE.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- THESE DETAILS ALSO APPLY TO OPPOSITE HAND LANE CLOSURES BY CHANGING SIGN LEGENDS AND ARROW DIRECTIONS TO INDICATE THE APPROPRIATE CLOSURE.
- FOR NIGHT TIME CLOSURES, ONE TYPE A WARNING LIGHT SHALL BE INSTALLED ABOVE EACH OF THE 1 MILE AND 1/2 MILE ADVANCE WARNING SIGNS. FOR DAYLIGHT-ONLY CLOSURES, THE LIGHTS MAY BE OMITTED.
- FOR ANY LANE CLOSURE, FLASHING ARROW BOARDS SHALL BE REQUIRED AND IN OPERATION AT ALL TIMES. THE FLASHING ARROW BOARD IN ADVANCE OF THE TAPER SHALL BE PROTECTED WITH THREE TYPE II BARRICADES AT 50' O.C.
- CONSTRUCTION SIGNS SHALL GENERALLY BE POST-MOUNTED OR ATTACHED TO PORTABLE SUPPORTS AND SHALL BE INSTALLED 8' TO 12' FROM ADJACENT TRAVEL LANE WHEREVER POSSIBLE. IN NO CASE SHALL SIGNS BE LOCATED TO PROVIDE LESS THAN 2' CLEARANCE BETWEEN EDGE OF SIGN AND ADJACENT TRAVEL LANE.
- PAVEMENT MARKING TAPE AND REMOVAL OR OBLITERATION OF EXISTING MARKINGS SHALL BE REQUIRED WHEN THE CLOSURE TIME EXCEEDS FOUR DAYS. THIS WORK SHALL BE MEASURED AND PAID FOR SEPARATELY.
- WHEN A FLAGGER IS NOT ON STATION, THE FLAGGER SIGN SHALL BE PROMPTLY REMOVED, COVERED OR TURNED TO FACE AWAY FROM TRAFFIC. FLAGGER SIGNS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED SPACING BETWEEN THE SIGNS AND THE WORKERS IN EACH SEPARATE WORK ACTIVITY, PER THE ILLINOIS TOLLWAY SUPPLEMENTAL SPECIFICATIONS.
- WORK ZONE SPEED LIMIT SIGN ASSEMBLIES, SHALL BE PLACED ADJACENT TO THE OPEN TRAFFIC LANE(S). WORK ZONE SPEED SIGNS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED SPACING BETWEEN SIGNS AND THE WORKERS IN EACH SEPARATE WORK ACTIVITY PER THE ILLINOIS TOLLWAY SUPPLEMENTAL SPECIFICATIONS.
- DIRECTION INDICATOR BARRICADES SHALL BE USED IN LANE TAPERS.
- FOR CLOSURES OTHER THAN SHORT TERM (SUNRISE TO ONE HOUR BEFORE SUNSET), THE MINIMUM HEIGHT OF THE SIGN FROM SHOULDER ELEVATION SHALL BE 7'-0".
- CONES MAY BE USED IN LIEU OF BARRICADES IN THE BUFFER AND WORK AREAS, WHEN THE CLOSURE IS FOR MAINTENANCE OPERATIONS.
- BARRICADES ARE TO BE LOCATED AT JOINT LINE WHEN WORK AREA EXTENDS UP TO JOINT UNLESS OTHERWISE SHOWN ON THE PLANS.
- SEE MAINTENANCE OF TRAFFIC DRAWINGS FOR ADDITIONAL SIGNING IN THIS AREA.
- CHECK BARRICADES SHALL BE PLACED IN EACH CLOSED LANE AND SHOULDER AT 1000 FOOT CENTERS.
- A 1'-0" MINIMUM/2'-0" DESIRABLE SHY DISTANCE SHALL BE PROVIDED, MEASURED BETWEEN EDGE OF PAVEMENT LANE MARKING TO THE EDGE OF THE TRAFFIC CONTROL DEVICE.
- SEE STANDARD E1 FOR ADDITIONAL SIGNAGE REQUIRED WHEN WORK ZONE SPEED LIMIT IS REDUCED BY MORE THAN 10 MPH. THE SPEED LIMIT SHALL BE TRANSITIONED TO THE SPECIFIED WORK ZONE SPEED LIMIT 2600 FEET BEFORE THE FIRST W4-2 SIGN.
- WHEN NO POSITIVE PROTECTION IS PROVIDED AND WORKERS OR EQUIPMENT ENCROACH WITHIN 2'-0" OR LESS FROM THE EDGE OF TRAVELED WAY, THE LANE OPEN TO TRAFFIC SHALL BE TEMPORARILY CLOSED OR SHIFTED DURING WORK ACTIVITIES.
- IN WORK ZONES WITH NO POSITIVE PROTECTION, A TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE PROVIDED WITH A BUFFER AREA BETWEEN THE FRONT OF THE TMA AND WORKERS OR EQUIPMENT. THE BUFFER AREA SHALL BE 200' UNLESS OTHERWISE DETERMINED, WHERE WORKERS OR EQUIPMENT ARE PRESENT BEYOND THE WORK AREA, AN ADDITIONAL TMA SHALL BE PROVIDED TO EACH WORK AREA. A WORK AREA IS DEFINED AS STARTING AT THE END OF THE BUFFER AREA, EXTENDING 1000 FEET BEYOND THIS POINT.

SHEET 2 OF 3



**LANE CLOSURE DETAILS**

STANDARD E2-09



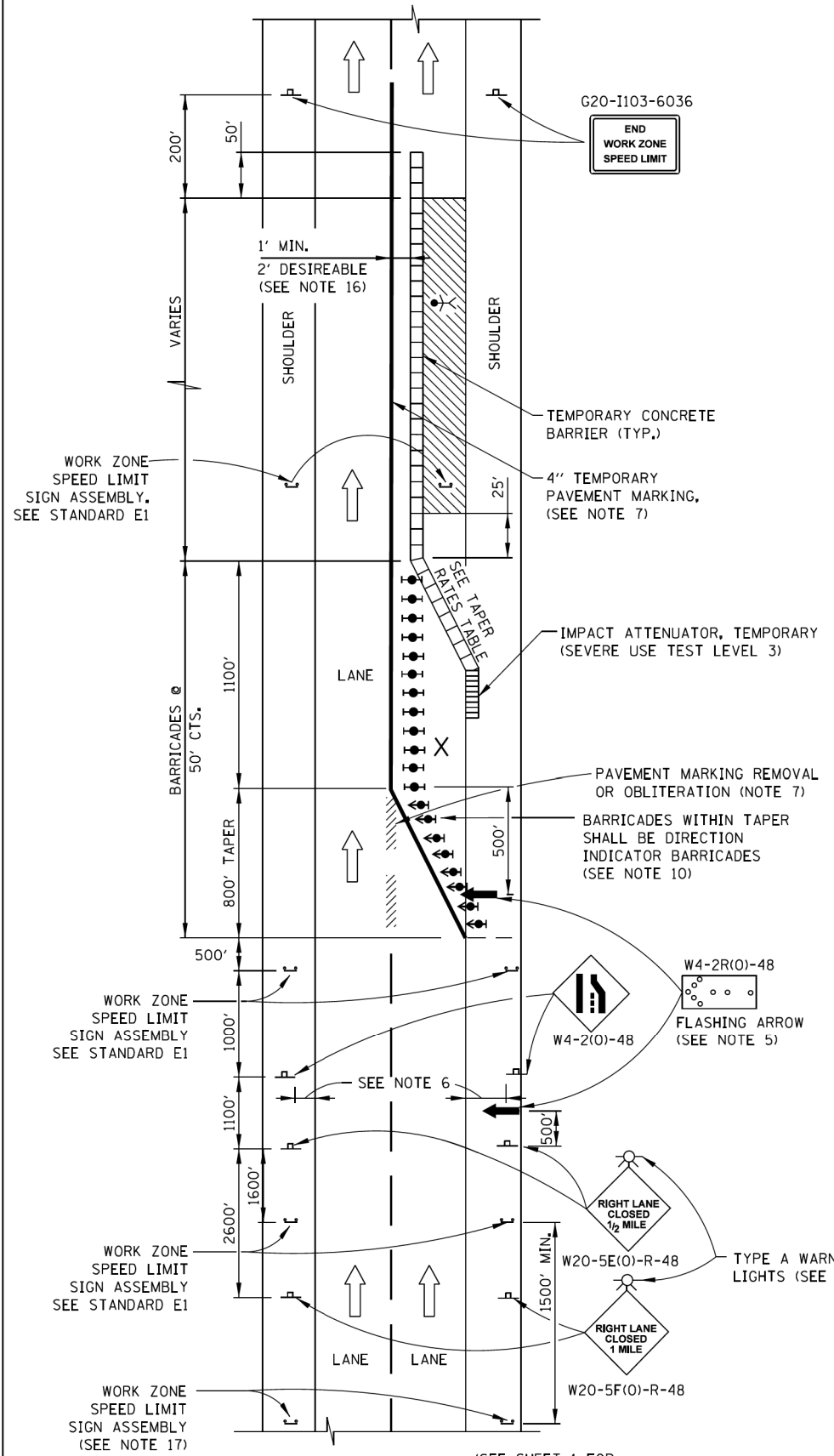
**ONE-LANE CLOSURE WITH BARRICADE**

**TAPER RATES**

WORK ZONE SPEED (mph)	SHY LINE (ft.)	BARRIER INSIDE SHY LINE	BARRIER AT OR BEYOND SHY LINE
65	8.5	28±1	19±1
60	8	26±1	18±1
55	7	24±1	16±1
50	6.5	21±1	14±1
45	6	18±1	12±1
40	5	16±1	10±1
35	4.5	15±1	9±1
30	4	13±1	8±1

**LEGEND**

- ➔ ARROW BOARD
- ▨ WORK AREA
- ⊥ SIGN
- ⬆ DIRECTION INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHT
- ⬆ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH WITH LIGHT IF REQUIRED. SEE ARTICLE 701.05(G)(5)
- FLAGGER WITH TRAFFIC CONTROL SIGN
- ⋈ WORKER
- ⊗ LANE CLOSED
- ⊕ CHECK BARRICADE
- ⊕ TRUCK MOUNTED ATTENUATOR



**ONE-LANE CLOSURE WITH BARRIER**

APPROVED: *Paul Kovacs* CHIEF ENGINEERING OFFICER DATE: 5-1-2009

(SEE SHEET 1 FOR ADVANCE SIGNING)

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

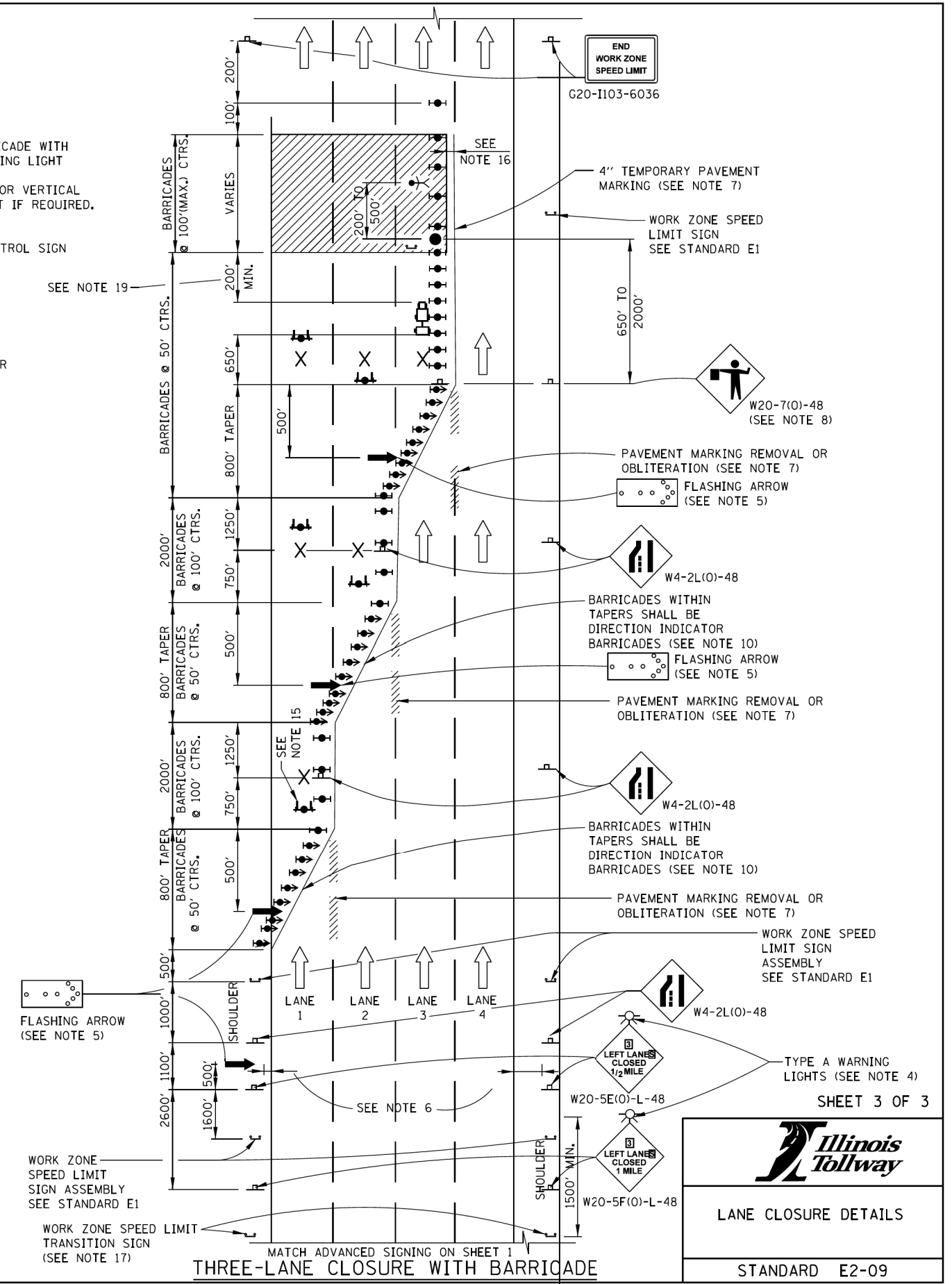
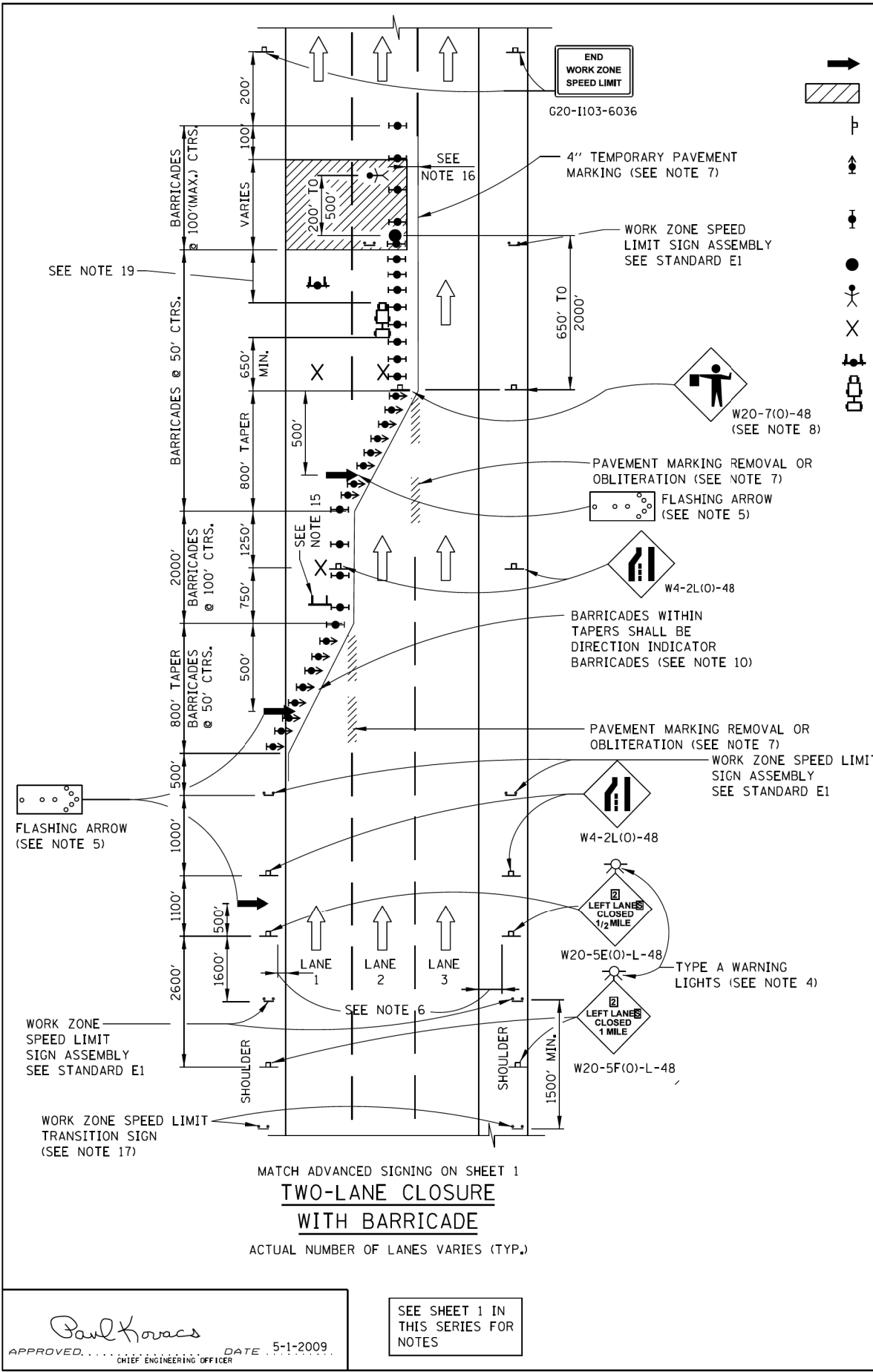
ILLINOIS TOLLWAY DETAILS

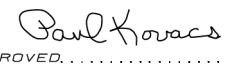
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	125
CONTRACT NO. 62L93			ILLINOIS FED. AID PROJECT	

**LEGEND**


- ➔ ARROW BOARD
- ▨ WORK AREA
- ♣ SIGN
- ⬆ DIRECTION INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHT
- ⬆ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH WITH LIGHT IF REQUIRED. SEE ARTICLE 701.05(a)(5)
- FLAGGER WITH TRAFFIC CONTROL SIGN
- ♣ WORKER
- ✕ LANE CLOSED
- ⊠ CHECK BARRICADE
- ⊠ TRUCK MOUNTED ATTENUATOR



  
 APPROVED... CHIEF ENGINEERING OFFICER  
 DATE: 5-1-2009

SEE SHEET 1 IN THIS SERIES FOR NOTES

SHEET 3 OF 3



**LANE CLOSURE DETAILS**

STANDARD E2-09

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ILLINOIS TOLLWAY DETAILS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	126
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				

**GENERAL NOTES:**

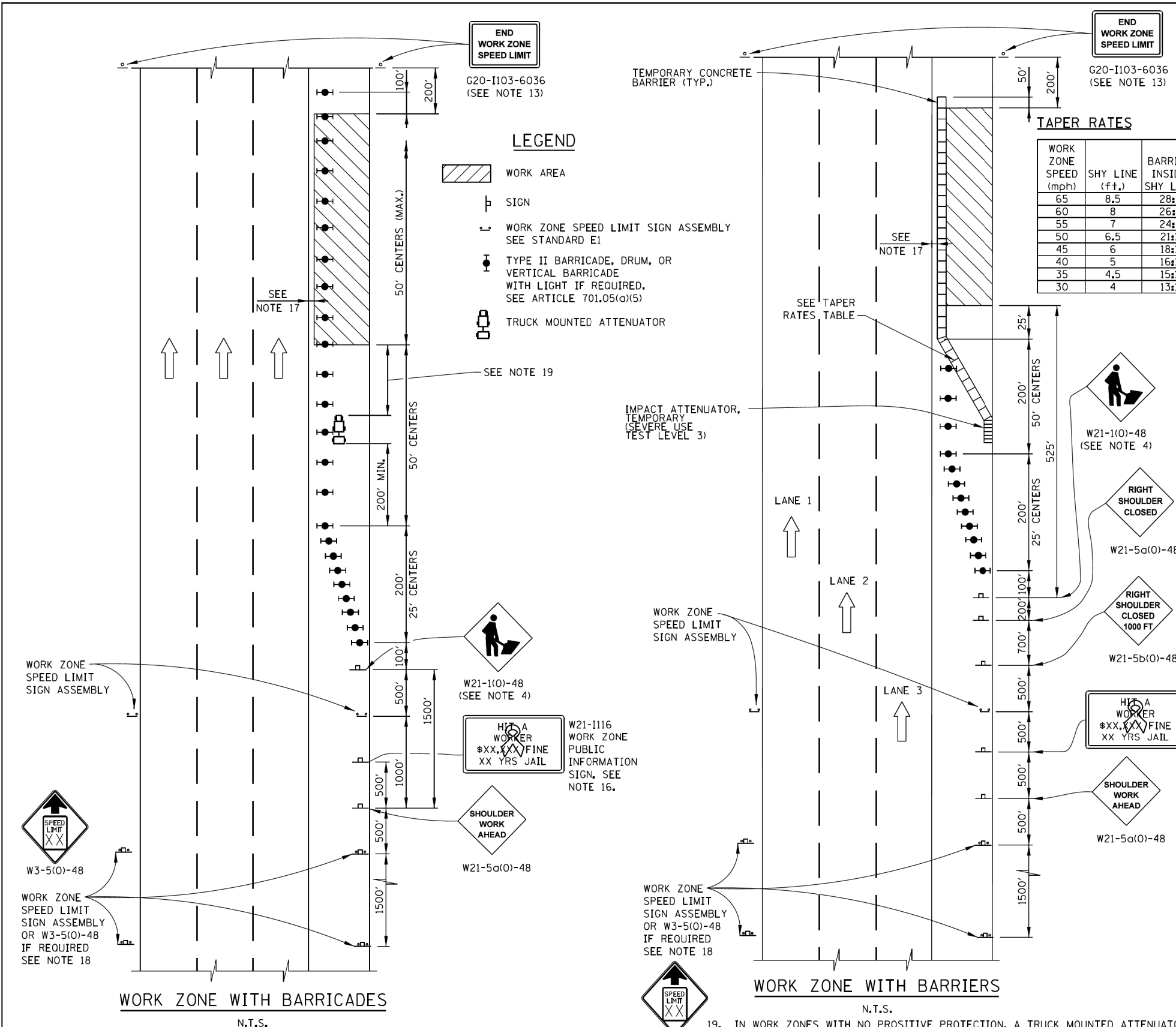
1. THE SHOULDER SHALL BE CLOSED WHEN A WORK ACTIVITY REQUIRING 15 OR MORE MINUTES IS PERFORMED AT A DISTANCE WHICH IS LESS THAN 15 FEET BUT NO CLOSER THAN 2 FEET FROM THE EDGE OF PAVEMENT.
2. THE ADJACENT EXTERIOR LANE SHALL BE CLOSED WHEN WORK IS PERFORMED WITHIN 2 FEET FROM THE EDGE OF PAVEMENT.
3. THE CHANNELIZING DEVICES WHICH SEPARATE THE WORK SPACE FROM THE ADJACENT TRAVEL LANE SHALL BE SPACED AT 25' FOR (200 FEET) AND AT A MAXIMUM OF 50' FOR ALL ADDITIONAL DEVICES.
4. WHEN THE WORKSITE IS UNATTENDED, SUBSTITUTE - "SHOULDER WORK AHEAD" SIGN.
5. WORKER SIGNS OR SHOULDER WORK SIGNS AND CHANNELIZATION DEVICES ARE PLACED ONLY ON THE SIDE OF THE ROADWAY ON WHICH THE ACTIVITY IS PERFORMED.
6. FOR SHOULDER CLOSURE EXTENDING OVERNIGHT, BARRICADE TYPE II SHALL BE USED, SEE ARTICLE 701.05(a)(5) FOR BARRICADE LIGHT REQUIREMENTS
7. FOR SHORT TERM CLOSURE (SUNRISE TO ONE HOUR BEFORE SUNSET) NOT EXTENDING INTO DARKNESS, CONES MAY BE USED.
8. ONE WORK ZONE SPEED LIMIT SIGN ASSEMBLY SHALL BE PLACED AT A DISTANCE OF 500' TO 2,500' MAXIMUM IN ADVANCE OF WORKERS THROUGHOUT THE SHOULDER CLOSURE. MOVING OPERATIONS MAY REQUIRE CONTINUOUS ADJUSTMENT OF THE SIGN ASSEMBLY LOCATION TO MAINTAIN THE ABOVE INTERVAL.
9. AN ADDITIONAL SIGN ASSEMBLY SHALL BE PLACED 500' BEYOND THE LAST ENTRANCE RAMP FOR EACH INTERCHANGE THAT FALLS WITHIN THE 2,500'.
10. THE SIGN ASSEMBLY SHALL BE PLACED NO CLOSER THAN 500' TO ANY OTHER SIGN.
11. THE WORK ZONE SPEED LIMIT SIGNS AND SIGN ASSEMBLY SHALL BE PROMPTLY REMOVED OR COVERED WHEN SHOULDER CLOSURE IS REMOVED.
12. ALL CONFLICTING SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED.
13. "END WORK ZONE SPEED LIMIT" SIGNS SHALL BE IN PLACE ONLY WHEN THE EXISTING POSTED SPEED > 55MPH.
14. FOR SHOULDER REPAIRS OR REPLACEMENT THE CHANNELIZING DEVICES SHALL BE PLACED AT THE EDGE OF PAVEMENT WHENEVER THE WORK ACTIVITIES RESULT IN A DROPOFF AT THE EDGE OF PAVEMENT.
15. ANY UNATTENDED OBSTACLE OR EXCAVATION LEFT ON THE SHOULDER OVERNIGHT SHALL BE IN COMPLIANCE WITH THE ROADWAY TRAFFIC CONTROL AND COMMUNICATIONS MANUAL.
16. THE WORK ZONE PUBLIC INFORMATION SIGN IS 60" WIDE BY 48" HIGH. THE CONTRACTOR SHALL OBTAIN THE CAMERA-READY ARTWORK REQUIRED FOR THE SIGN MESSAGE BY CONTACTING IDOT'S CENTRAL BUREAU OF OPERATIONS.
17. A 1'-0" MINIMUM/2'-0" DESIRABLE SHY DISTANCE SHALL BE PROVIDED, MEASURED BETWEEN EDGE OF PAVEMENT LANE MARKING TO THE EDGE OF THE TRAFFIC CONTROL DEVICE.
18. SEE STANDARD E1 FOR ADDITIONAL SIGNAGE REQUIRED WHEN WORK ZONE SPEED LIMIT IS REDUCED BY MORE THAN 10 MPH.

**TAPER RATES**

WORK ZONE SPEED (mph)	SHY LINE (ft.)	BARRIER INSIDE SHY LINE	BARRIER AT OR BEYOND SHY LINE
65	8.5	28:1	19:1
60	8	26:1	18:1
55	7	24:1	16:1
50	6.5	21:1	14:1
45	6	18:1	12:1
40	5	16:1	10:1
35	4.5	15:1	9:1
30	4	13:1	8:1

**LEGEND**

- WORK AREA
- SIGN
- WORK ZONE SPEED LIMIT SIGN ASSEMBLY SEE STANDARD E1
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH LIGHT IF REQUIRED. SEE ARTICLE 701.05(a)(5)
- TRUCK MOUNTED ATTENUATOR



W3-5(0)-48

19. IN WORK ZONES WITH NO POSITIVE PROTECTION, A TRUCK MOUNTED ATTENUATOR SHALL BE PROVIDED WITH A BUFFER AREA BETWEEN THE FRONT OF THE TMA AND WORKERS OR EQUIPMENT. THE BUFFER AREA SHALL BE 200' UNLESS OTHERWISE DETERMINED. WHERE WORKERS OR EQUIPMENT ARE PRESENT BEYOND THE WORK AREA, AN ADDITIONAL TMA SHALL BE PROVIDED FOR EACH WORK AREA IS DEFINED AS STARTING AT THE END OF THE BUFFER AREA, EXTENDING 1000 FEET BEYOND THIS POINT.

*Paul Kovacs*  
 APPROVED... CHIEF ENGINEERING OFFICER  
 DATE: 5-1-2009

DATE	REVISIONS
1-01-11	CHANGED SYMBOL DESIGNATION
	REVISED NOTES
3-31-14	REVISED WORKER SIGN NUMBERS PER "MUTCD" AND REVISED NOTES.
	REVISED NOTES
3-11-2015	ADD WORK ZONE WITH BARRIERS.
3-31-2016	ADDED TAPER RATE TABLE.
3-31-2017	DELETED W21-1a, ADJUSTED SIGN SPACING.
3-01-2019	ADDED TMA, REVISED NOTES
3-01-2020	CLARIFIED TMA REQUIREMENTS & UPDATED BARRICADE LIGHT REQUIREMENTS

**Illinois Tollway**

**SHOULDER CLOSURE DETAILS**

**STANDARD E3-08**

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ILLINOIS TOLLWAY DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	2020-115-R5&SW	COOK	129	127
CONTRACT NO. 62L93				
ILLINOIS FED. AID PROJECT				





