

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	1
		ILLINOIS	CONTRACT NO. 62P94	

* 52 + 2 = 54 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

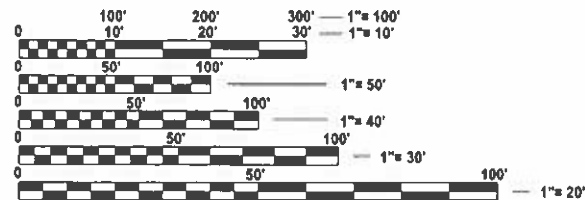
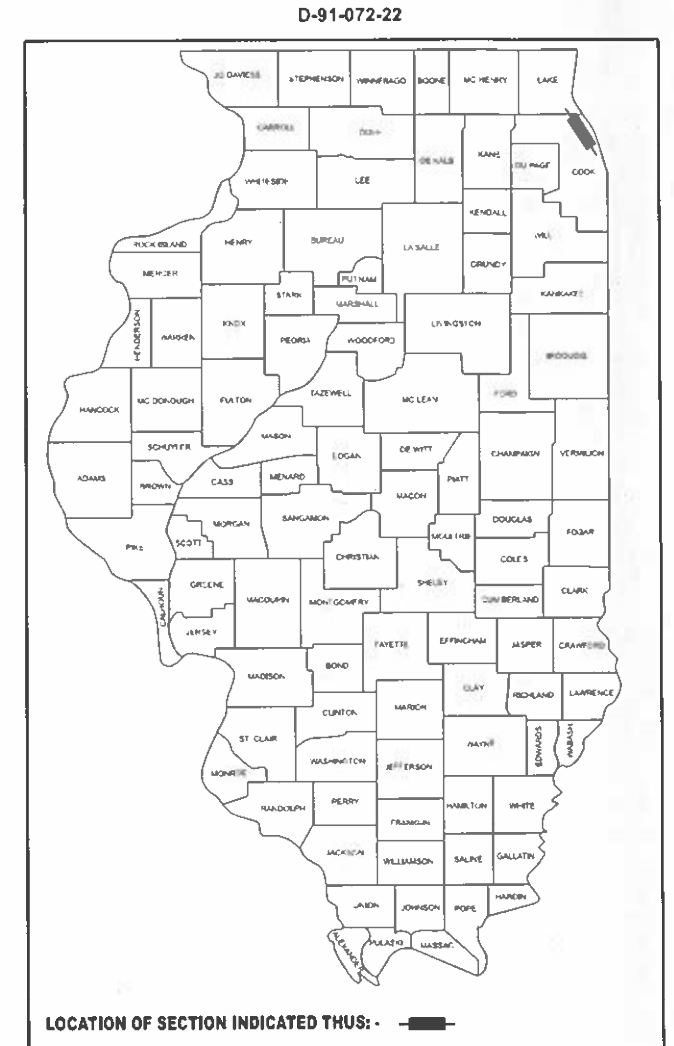
THIS PROJECT IS LOCATED IN THE CITY OF EVANSTON AND THE VILLAGES OF GLENCOE, KENILWORTH, AND WILMETTE

PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
VARIOUS LOCATIONS
SECTION: 2021-173-SW
PROJECT:
ADA IMPROVEMENTS
COOK COUNTY

C-91-066-22

FOR GENERAL LOCATION MAP, SEE SHEET NO. 5



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 EXCAVATION
1-800-892-0123
OR 811

LIMITS	ADT (YEAR)	SPEED LIMIT	MUNICIPALITY
RIDGE ROAD (CENTRAL AVENUE TO PARK DRIVE)	6,850 (2022)	30 MPH	KENILWORTH AND WILMETTE
GLENVIEW ROAD (SUNSET DRIVE TO WILMETTE AVENUE)	7,400 (2022)	30-35 MPH	WILMETTE
WILMETTE AVENUE (CRAWFORD AVENUE / HUNTER ROAD TO PIN OAK DRIVE)	7,600 (2022)	30 MPH	WILMETTE
CRAWFORD AVENUE (OLD GLENVIEW ROAD TO ENTRANCE TO CENTENNIAL PARK)	5,350 (2022)	35 MPH	EVANSTON AND WILMETTE
FORESTWAY DRIVE (STRAWBERRY HILL DRIVE TO WILLOW TREE LANE)	2,400 (2022)	30 MPH	GLENCOE

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240
PROJECT MANAGER: J.ALAIN MIDY (847) 221-3056

CONTRACT NO. 62P94

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 7, 2024
[Signature]
REGIONAL ENGINEER

October 4, 2024
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

October 4, 2024
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE	
				SAFETY (ROADWAY)	SAFETY (TR. SIGNALS)
				0021	0021
		URBAN	URBAN		
20200100	EARTH EXCAVATION	CU YD	165	165	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1172.1	1172.1	
25200110	SODDING, SALT TOLERANT	SQ YD	1172.1	1172.1	
25200200	SUPPLEMENTAL WATERING	UNIT	11.72	11.72	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	3.3	3.3	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	230.9	230.9	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	8.4	8.4	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	59.5	59.5	
42001300	PROTECTIVE COAT	SQ YD	2011	2011	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14380	14380	
42400800	DETECTABLE WARNINGS	SQ FT	30	30	
44000100	PAVEMENT REMOVAL	SQ YD	30	30	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	498	498	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3.3	3.3	
44000300	CURB REMOVAL	FOOT	194	194	
44000600	SIDEWALK REMOVAL	SQ FT	14821	14821	
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	8	8	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	22	22	
60406001	FRAMES AND LIDS, TYPE 1, ADA COMPLIANT, OPEN LID	EACH	2	2	
60600605	CONCRETE CURB, TYPE B	FOOT	135	135	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	61	61	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	165	165	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE	
				SAFETY (ROADWAY)	SAFETY (TR. SIGNALS)
				0021	0021
		URBAN	URBAN		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	159.5	159.5	
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1	
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1	
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	104	104	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2028	2028	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1096	1096	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	549	549	
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	38	38	
* 78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3007	3007	
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	208		208
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		2
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1799		1799
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	450		450

* SPECIALTY ITEMS

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/16/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
VARIOUS ROUTES - VARIOUS LOCATIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	3
			CONTRACT NO. 62P94	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE

Table with columns: CODE NO., ITEM, UNIT, TOTAL QUANTITY, SAFETY (ROADWAY), SAFETY (TR. SIGNALS), URBAN, URBAN. Includes items like ELECTRIC CABLE IN CONDUIT, DRILL EXISTING HANDHOLE, RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD, etc.

Table with columns: CODE NO., ITEM, UNIT, TOTAL QUANTITY, SAFETY (ROADWAY), SAFETY (TR. SIGNALS), URBAN, URBAN. This table is mostly empty.

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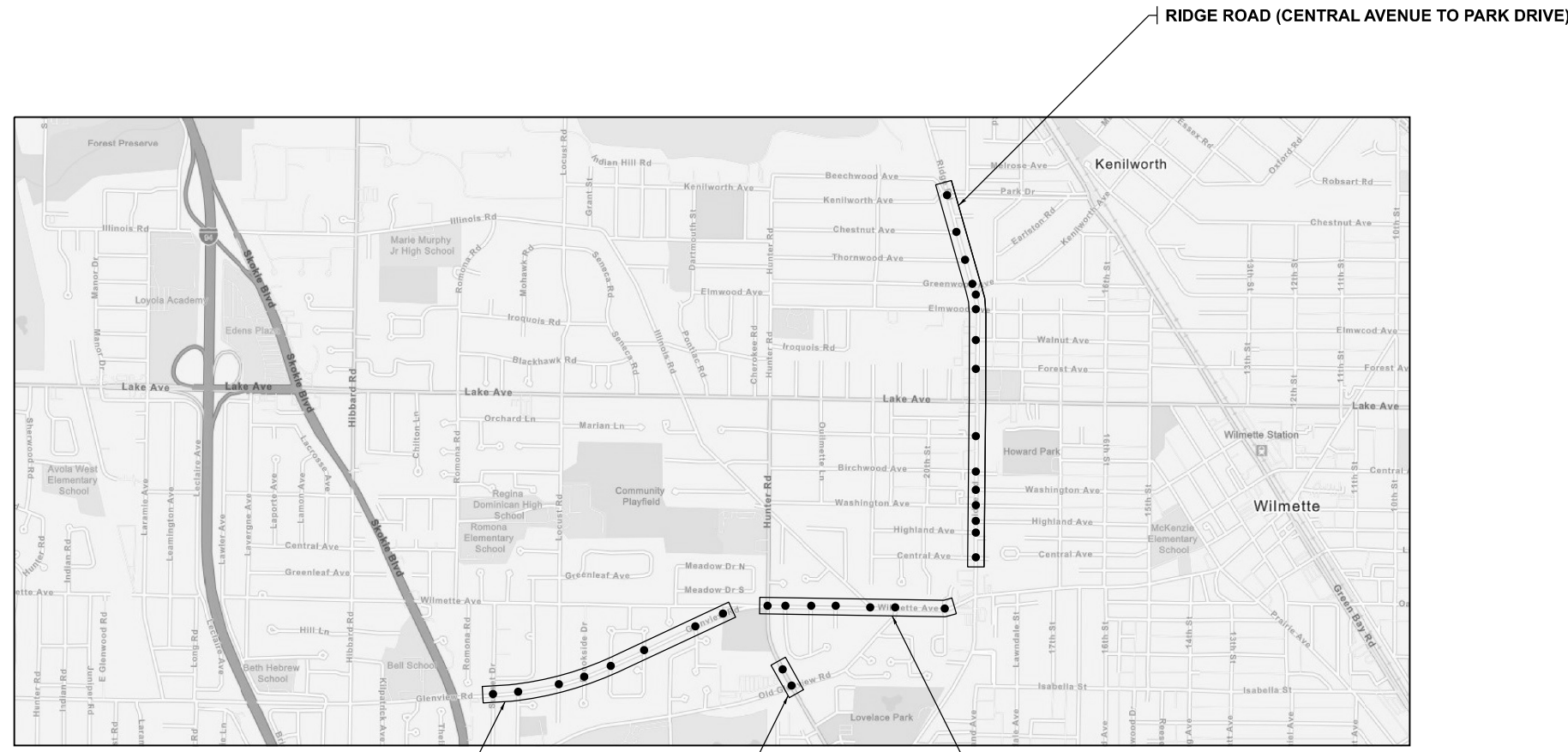
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
VARIOUS ROUTES - VARIOUS LOCATIONS

SCALE: SHEET OF SHEETS STA. TO STA.

Table with columns: F.A. RTE., SECTION (2021-173-SW), COUNTY (COOK), TOTAL SHEETS (52), SHEET NO. (4), ILLINOIS FED. AID PROJECT.

* SPECIALTY ITEMS



GLENVIEW ROAD (SUNSET DRIVE TO WILMETTE AVENUE)

FORESTWAY DRIVE (STRAWBERRY HILL DRIVE TO WILLOW TREE LANE)

CRAWFORD AVENUE (OLD GLENVIEW ROAD TO ENTRANCE TO CENTENNIAL PARK)

WILMETTE AVENUE (CRAWFORD AVENUE / HUNTER ROAD TO PIN OAK DRIVE)

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/5/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL LOCATION MAP
VARIOUS ROUTES - VARIOUS LOCATIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	5
CONTRACT NO. 62P94				
ILLINOIS		FED. AID PROJECT		

CURB RAMP SCHEDULE												
INTERSECTION	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	HOT-MIX ASPHALT BASE COURSE, 8"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	PAVEMENT REMOVAL
	CU YD	SQ YD	SQ YD	UNIT	SQ YD	POUND	TON	TON	SQ YD	SQ FT	SQ FT	SQ YD
	20200100	21101615	25200110	25200200	35501316	40600290	40603080	40604060	42001300	42400200	42400800	44000100
RIDGE ROAD AT CENTRAL AVENUE	3.0	22.0	22.0	0.22	0	0	0	0	38	268	0	0
RIDGE ROAD AT HIGHLAND AVENUE (WEST)	2.7	16.9	16.9	0.17	0	0	0	0	25	152	0	0
RIDGE ROAD AT HIGHLAND AVENUE (EAST)	6.2	38.5	38.5	0.39	0	13.1	0	3.3	69	505	0	0
RIDGE ROAD AT WASHINGTON AVENUE (WEST)	3.3	22.7	22.7	0.23	0	0	0	0	42	297	0	0
RIDGE ROAD AT WASHINGTON AVENUE (EAST)	5.3	30.5	30.5	0.31	0	12.0	0	3.0	56	340	0	0
RIDGE ROAD AT BIRCHWOOD AVENUE	4.8	26.6	26.6	0.27	0	6.1	0	1.5	48	315	0	0
RIDGE ROAD AT SCHILLER AVENUE	5.5	3.1	3.1	0.03	3.3	6.0	0	1.9	74	500	0	0
RIDGE ROAD AT FOREST AVENUE	4.4	29.9	29.9	0.30	0	6.8	8.4	3.4	42	290	0	30
RIDGE ROAD AT WALNUT AVENUE	5.7	39.9	39.9	0.40	0	17.0	0	4.2	67	447	0	0
RIDGE ROAD AT ELMWOOD AVENUE	9.1	67.7	67.7	0.68	0	22.0	0	5.5	115	785	0	0
RIDGE ROAD AT KENILWORTH AVENUE	3.5	31.9	31.9	0.32	0	14.8	0	3.7	50	328	0	0
RIDGE ROAD AT GREENWOOD AVENUE	3.6	19.0	19.0	0.19	0	4.4	0	1.1	44	302	0	0
RIDGE ROAD AT THORNWOOD AVENUE	4.0	31.3	31.3	0.31	0	9.4	0	2.3	51	384	0	0
RIDGE ROAD AT CHESTNUT AVENUE	3.8	27.0	27.0	0.27	0	5.9	0	1.5	49	351	0	0
RIDGE ROAD AT PARK DRIVE	4.5	48.8	48.8	0.49	0	19.7	0	4.9	76	626	0	0
GLENVIEW ROAD AT SUNSET DRIVE	1.0	8.8	8.8	0.09	0	0	0	0	18	109	0	0
GLENVIEW ROAD AT WESTMOORELAND DRIVE	1.6	14.7	14.7	0.15	0	0	0	0	25	162	0	0
GLENVIEW ROAD AT LOCUST ROAD	7.3	60.4	60.4	0.60	0	0	0	0	78	608	0	0
GLENVIEW ROAD AT BROOKSIDE DRIVE	5.8	47.0	47.0	0.47	0	0	0	0	84	555	0	0
GLENVIEW ROAD AT WILSHIRE DRIVE WEST	7.3	55.7	55.7	0.56	0	17.6	0	4.4	89	672	0	0
GLENVIEW ROAD AT WILSHIRE DRIVE EAST	5.1	42.1	42.1	0.42	0	12.9	0	3.2	66	500	0	0
GLENVIEW ROAD AT VINE STREET	5.4	59.4	59.4	0.59	0	2.9	0	0.7	69	533	0	0
GLENVIEW ROAD AT WILMETTE AVENUE	2.8	34.2	34.2	0.34	0	0.0	0	0.0	35	215	0	0
WILMETTE AVENUE AT CRAWFORD AVENUE / HUNTER ROAD	11.1	92.6	92.6	0.93	0	12.4	0	3.1	152	1112	0	0
WILMETTE AVENUE AT SANDY LANE	6.4	48.4	48.4	0.48	0	6.8	0	1.7	65	491	0	0
WILMETTE AVENUE AT ALPINE LANE	2.6	18.3	18.3	0.18	0	3.4	0	0.9	34	243	0	0
WILMETTE AVENUE AT WILMETTE CIRCLE	4.4	29.9	29.9	0.30	0	0	0	0	51	421	0	0
WILMETTE AVENUE AT ILLINOIS ROAD	6.5	34.5	34.5	0.35	0	0	0	0	53	399	0	0
WILMETTE AVENUE AT OLD GLENVIEW ROAD	3.8	32.1	32.1	0.32	0	3.5	0	0.9	48	363	0	0
WILMETTE AVENUE AT PIN OAK DRIVE	4.9	14.7	14.7	0.15	0	10.9	0	2.7	65	453	0	0
CRAWFORD AVENUE AT OLD GLENVIEW ROAD	11.2	70.7	70.7	0.71	0	20.1	0	5.0	139	988	0	0
CRAWFORD AVENUE AT ENTRANCE TO CENTENNIAL PARK	4.3	26.4	26.4	0.26	0	0	0	0	52	398	0	0
FORESTWAY DRIVE AT STRAWBERRY HILL DRIVE	1.4	14.0	14.0	0.14	0	3.5	0	0.9	22	126	20	0
FORESTWAY DRIVE AT WILLOW TREE LANE	2.7	12.4	12.4	0.12	0	0	0	0	20	142	10	0
TOTAL =	165.0	1,172.1	1,172.1	11.72	3.3	230.9	8.4	59.5	2,011	14,380	30	30

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/29/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
VARIOUS ROUTES - VARIOUS LOCATIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	6
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

CURB RAMP SCHEDULE

INTERSECTION	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	TELESCOPING STEEL SIGN SUPPORT	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	PAVEMENT MARKING REMOVAL - WATER BLASTING	REBUILD EXISTING HANDHOLE	REMOVE AND REINSTALL BRICK PAVER	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	DETECTABLE WARNINGS (SPECIAL)	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET
	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	SQ FT	SQ FT	SQ FT	FOOT	FOOT
	72400500	72400600	72800100	78000400	78000600	78000650	78009024	78300202	89502376	X0327611	X4240430	X4240800	X4400501	X4400503
RIDGE ROAD AT CENTRAL AVENUE	0	0	0	58	0	13	0	55	0	0	0	20	0	34
RIDGE ROAD AT HIGHLAND AVENUE (WEST)	0	0	0	0	58	13	0	84	0	0	0	10	0	34
RIDGE ROAD AT HIGHLAND AVENUE (EAST)	0	0	0	45	0	9	0	41	0	0	0	20	0	58
RIDGE ROAD AT WASHINGTON AVENUE (WEST)	0	0	0	0	54	14	0	82	0	0	0	20	0	40
RIDGE ROAD AT WASHINGTON AVENUE (EAST)	0	0	0	51	0	10	0	46	0	0	0	20	0	80
RIDGE ROAD AT BIRCHWOOD AVENUE	0	0	0	69	0	16	0	67	0	0	0	22	0	56
RIDGE ROAD AT SCHILLER AVENUE	0	0	0	54	0	12	0	24	1	0	36	20	0	63
RIDGE ROAD AT FOREST AVENUE	0	0	0	41	0	9	0	0	0	0	0	20	9	30
RIDGE ROAD AT WALNUT AVENUE	0	0	0	46	78	10	0	121	0	0	0	40	0	77
RIDGE ROAD AT ELMWOOD AVENUE	0	0	0	0	96	11	11	118	0	0	0	56	0	124
RIDGE ROAD AT KENILWORTH AVENUE	0	0	0	118	0	27	0	117	0	0	0	35	0	0
RIDGE ROAD AT GREENWOOD AVENUE	0	0	0	76	0	14	0	66	0	0	0	24	0	45
RIDGE ROAD AT THORNWOOD AVENUE	0	0	0	78	0	0	13	39	0	0	0	23	0	0
RIDGE ROAD AT CHESTNUT AVENUE	0	0	0	71	0	0	14	36	0	0	0	22	0	42
RIDGE ROAD AT PARK DRIVE	0	0	34	176	66	30	0	214	0	0	0	55	0	0
GLENVIEW ROAD AT SUNSET DRIVE	0	2	0	0	0	10	0	20	0	0	0	18	0	23
GLENVIEW ROAD AT WESTMOORELAND DRIVE	0	0	0	44	0	13	0	48	0	0	0	20	0	31
GLENVIEW ROAD AT LOCUST ROAD	0	0	70	0	174	18	0	102	0	0	0	60	0	79
GLENVIEW ROAD AT BROOKSIDE DRIVE	0	0	0	54	0	13	0	53	0	0	0	60	0	97
GLENVIEW ROAD AT WILSHIRE DRIVE WEST	0	0	0	56	0	13	0	54	0	0	0	60	0	108
GLENVIEW ROAD AT WILSHIRE DRIVE EAST	0	0	0	56	0	13	0	26	0	14	0	46	0	73
GLENVIEW ROAD AT VINE STREET	0	0	0	59	0	14	0	60	0	0	0	40	0	69
GLENVIEW ROAD AT WILMETTE AVENUE	1	0	0	0	0	0	0	0	0	0	0	19	0	46
WILMETTE AVENUE AT CRAWFORD AVENUE / HUNTER ROAD	0	0	0	0	378	80	0	538	0	0	0	79	0	128
WILMETTE AVENUE AT SANDY LANE	0	0	0	54	0	13	0	53	0	0	0	20	0	46
WILMETTE AVENUE AT ALPINE LANE	0	0	0	53	0	12	0	51	0	0	0	20	0	29
WILMETTE AVENUE AT WILMETTE CIRCLE	0	0	0	59	0	13	0	56	0	0	0	20	16	0
WILMETTE AVENUE AT ILLINOIS ROAD	0	0	0	119	0	18	0	90	0	0	0	19	0	39
WILMETTE AVENUE AT OLD GLENVIEW ROAD	0	0	0	89	0	21	0	87	0	0	0	20	0	31
WILMETTE AVENUE AT PIN OAK DRIVE	0	0	0	59	0	0	0	29	0	0	0	43	10	56
CRAWFORD AVENUE AT OLD GLENVIEW ROAD	0	0	0	443	0	87	0	396	1	0	0	104	0	129
CRAWFORD AVENUE AT ENTRANCE TO CENTENNIAL PARK	0	0	0	0	84	0	0	84	0	0	0	30	0	34
FORESTWAY DRIVE AT STRAWBERRY HILL DRIVE	0	0	0	0	48	11	0	70	0	0	0	0	0	32
FORESTWAY DRIVE AT WILLOW TREE LANE	0	0	0	0	60	12	0	84	0	0	0	0	0	18
TOTAL =	1	2	104	2,028	1,096	549	38	3,007	2	14	36	1,085	35	1,751

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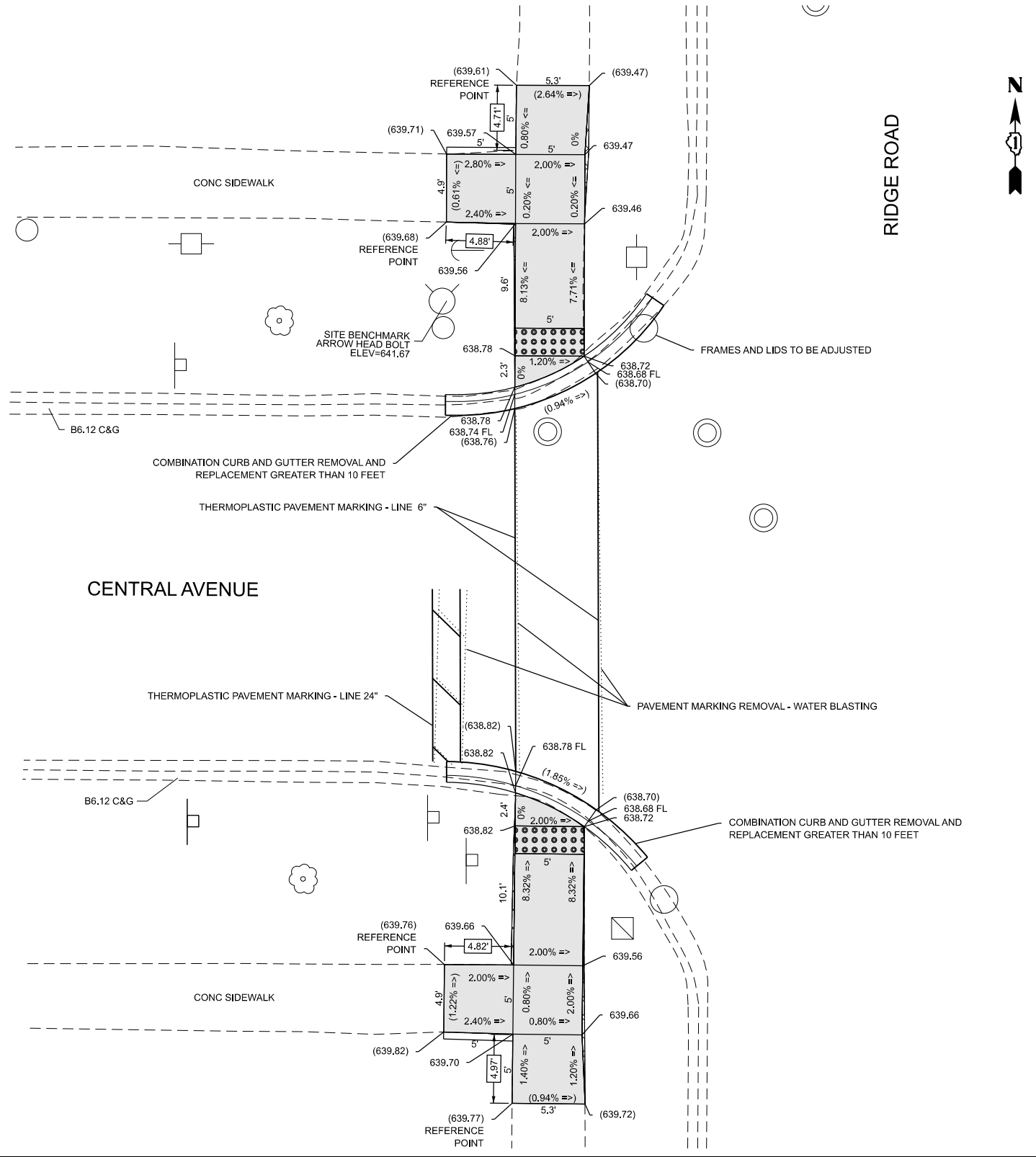
USER NAME = Farhan.Tariq	DESIGNED -	REVISED - FT, 9/30/2024
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/29/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
VARIOUS ROUTES - VARIOUS LOCATIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	8
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				



LEGEND:

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED DETECTABLE WARNINGS
- PROPOSED SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED HMA SURFACE REMOVAL & PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.

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USER NAME = Farhan.Tariq	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/4/2024	DATE -	REVISED -	

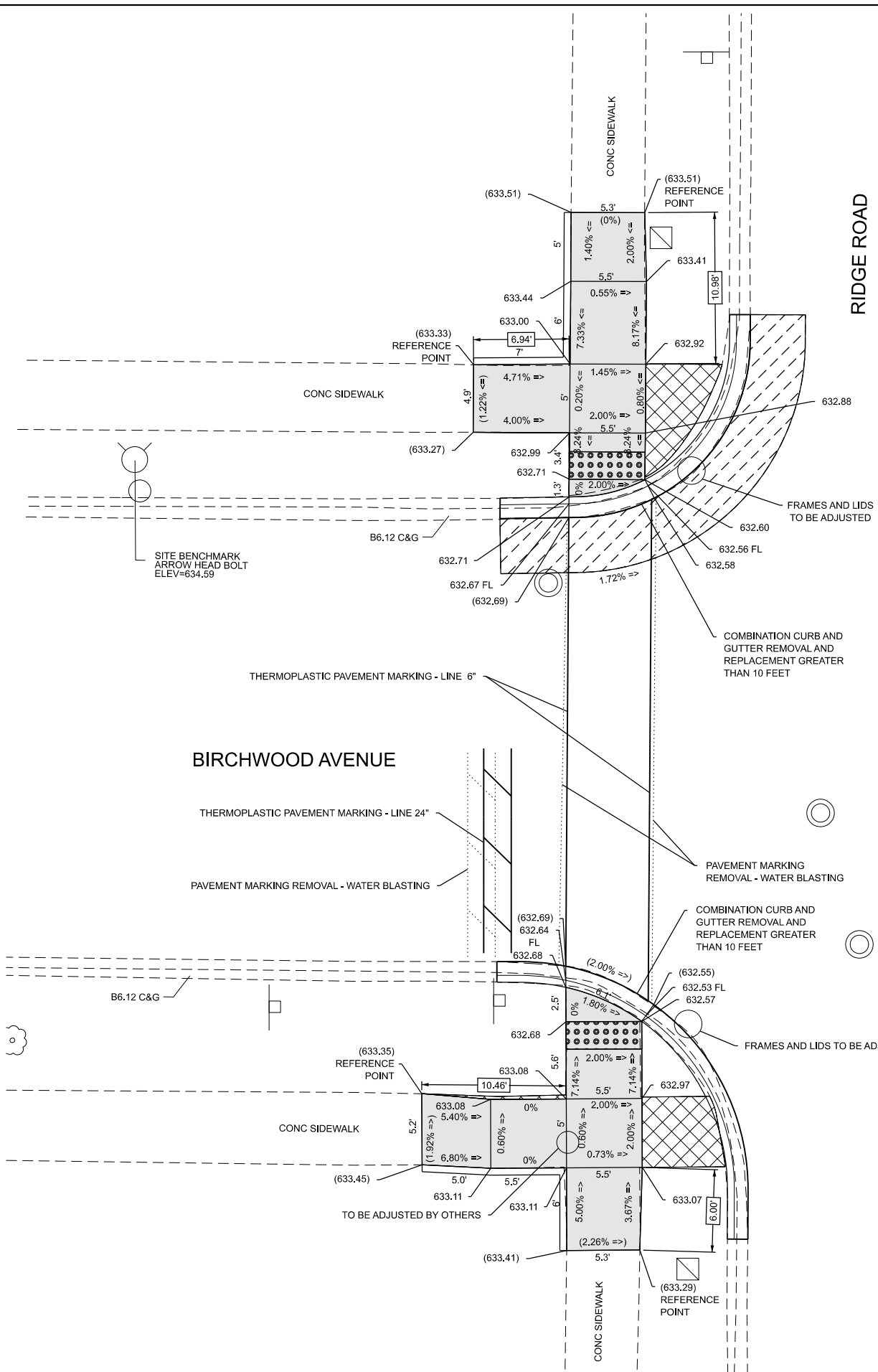
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAILS
RIDGE RD. AT CENTRAL AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	9
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

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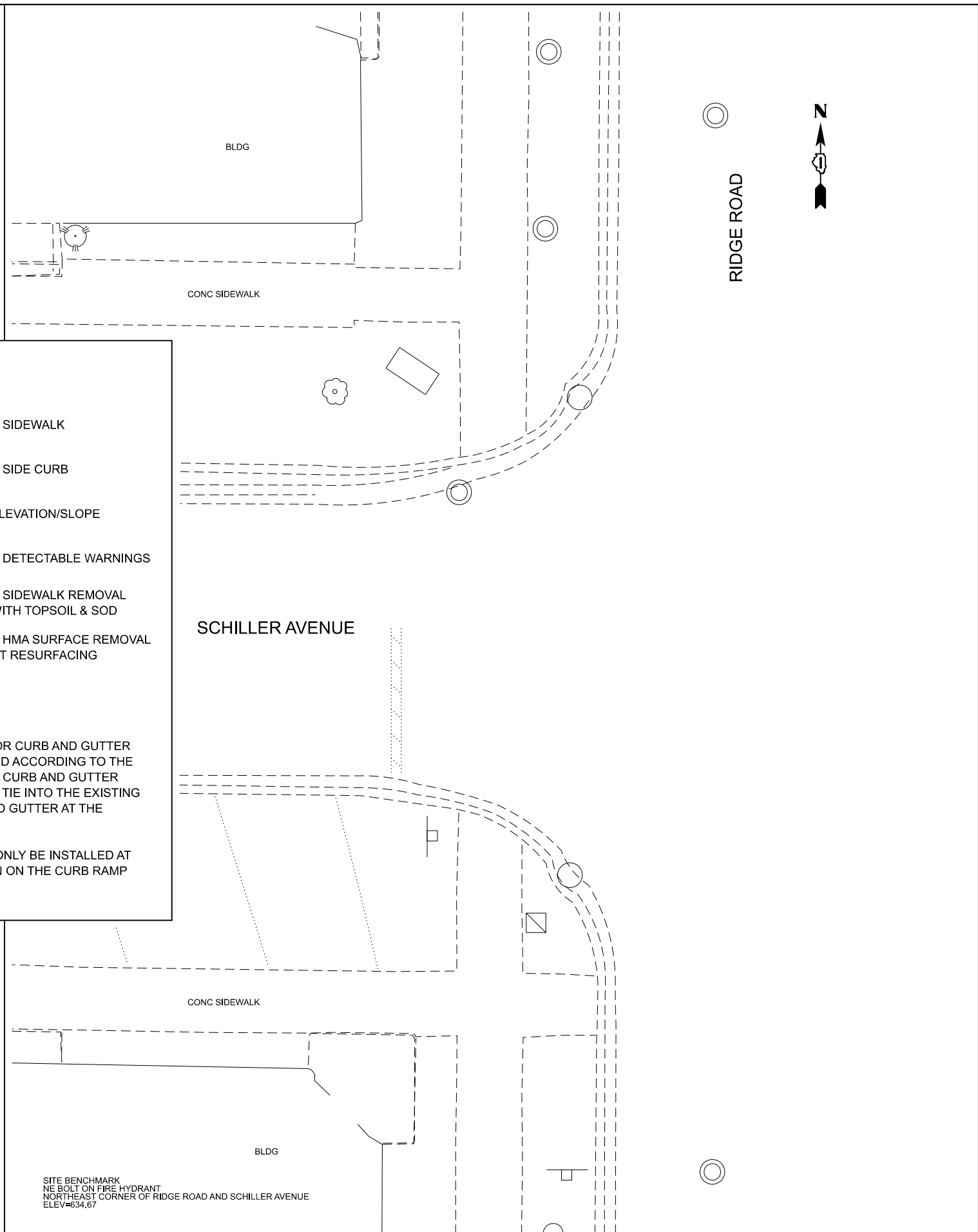


LEGEND:

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED DETECTABLE WARNINGS
- PROPOSED SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED HMA SURFACE REMOVAL & PAVEMENT RESURFACING

NOTES:

- PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
- SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.



USER NAME = Farhan.Tariq	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 0.16666633' / In.	CHECKED -	REVISED -
PLOT DATE = 8/15/2024	DATE -	REVISED -

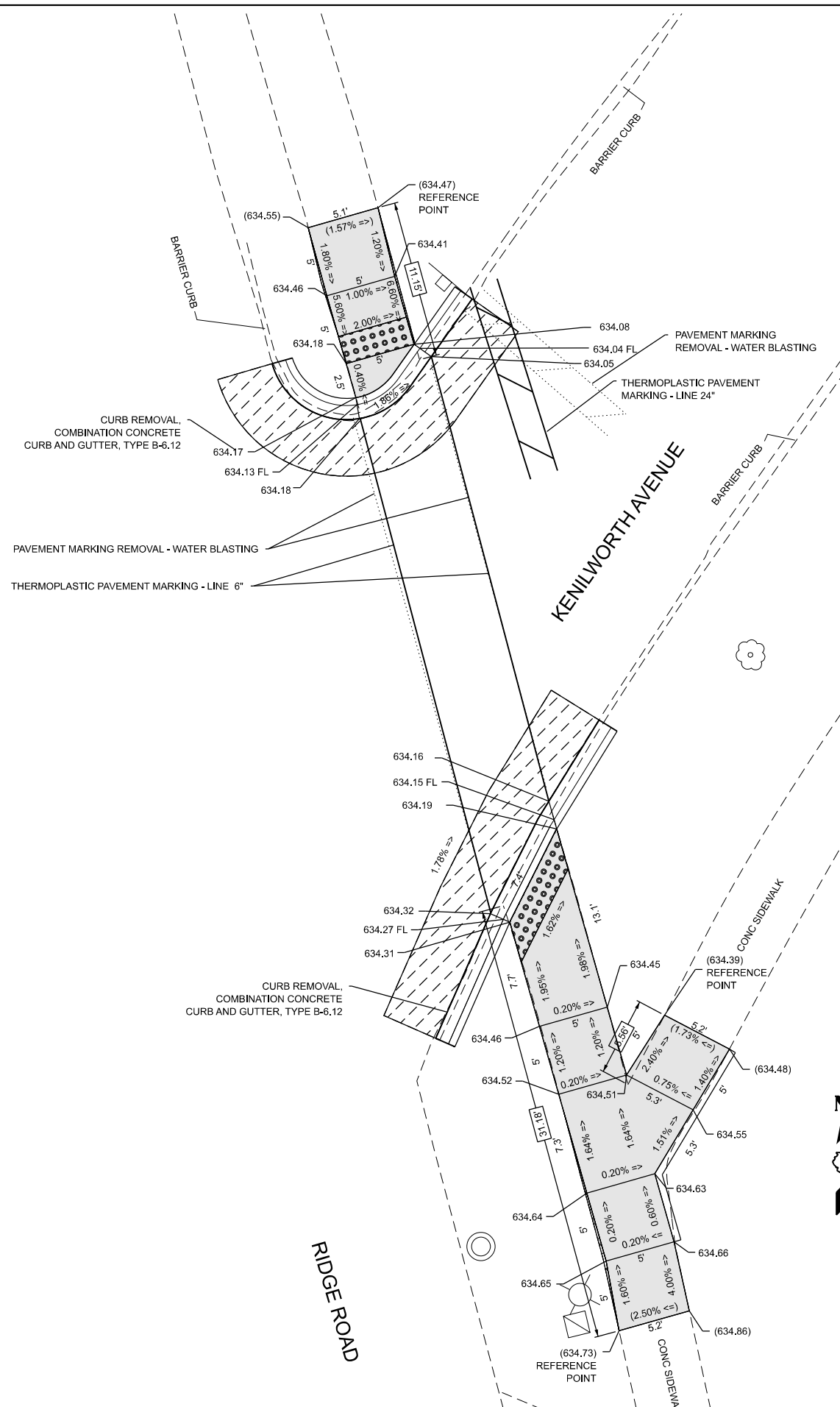
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
RIDGE RD. AT BIRCHWOOD AVE. AND AT SCHILLER AVE.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	12
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

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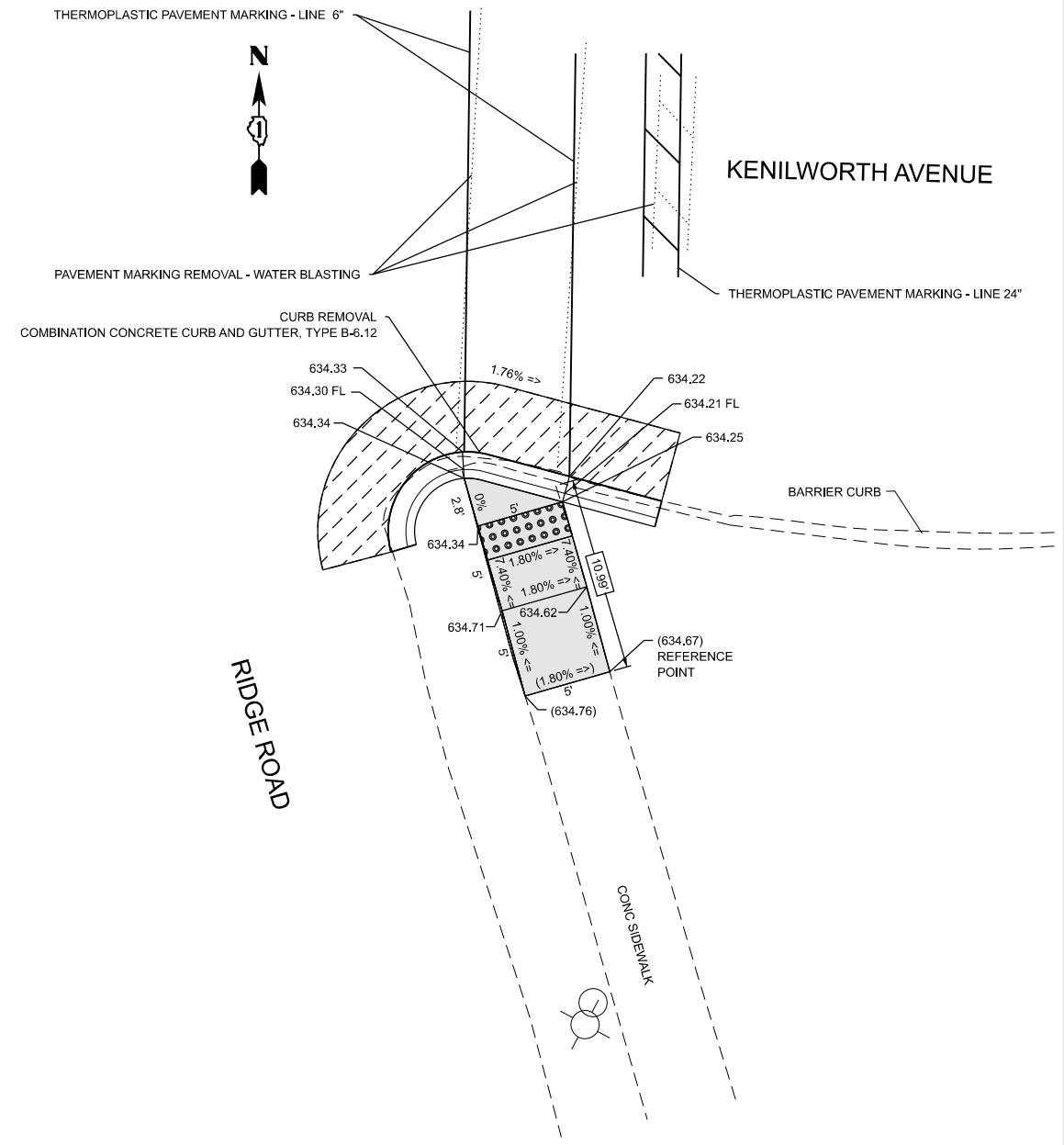


LEGEND:

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED DETECTABLE WARNINGS
- PROPOSED SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED HMA SURFACE REMOVAL & PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.



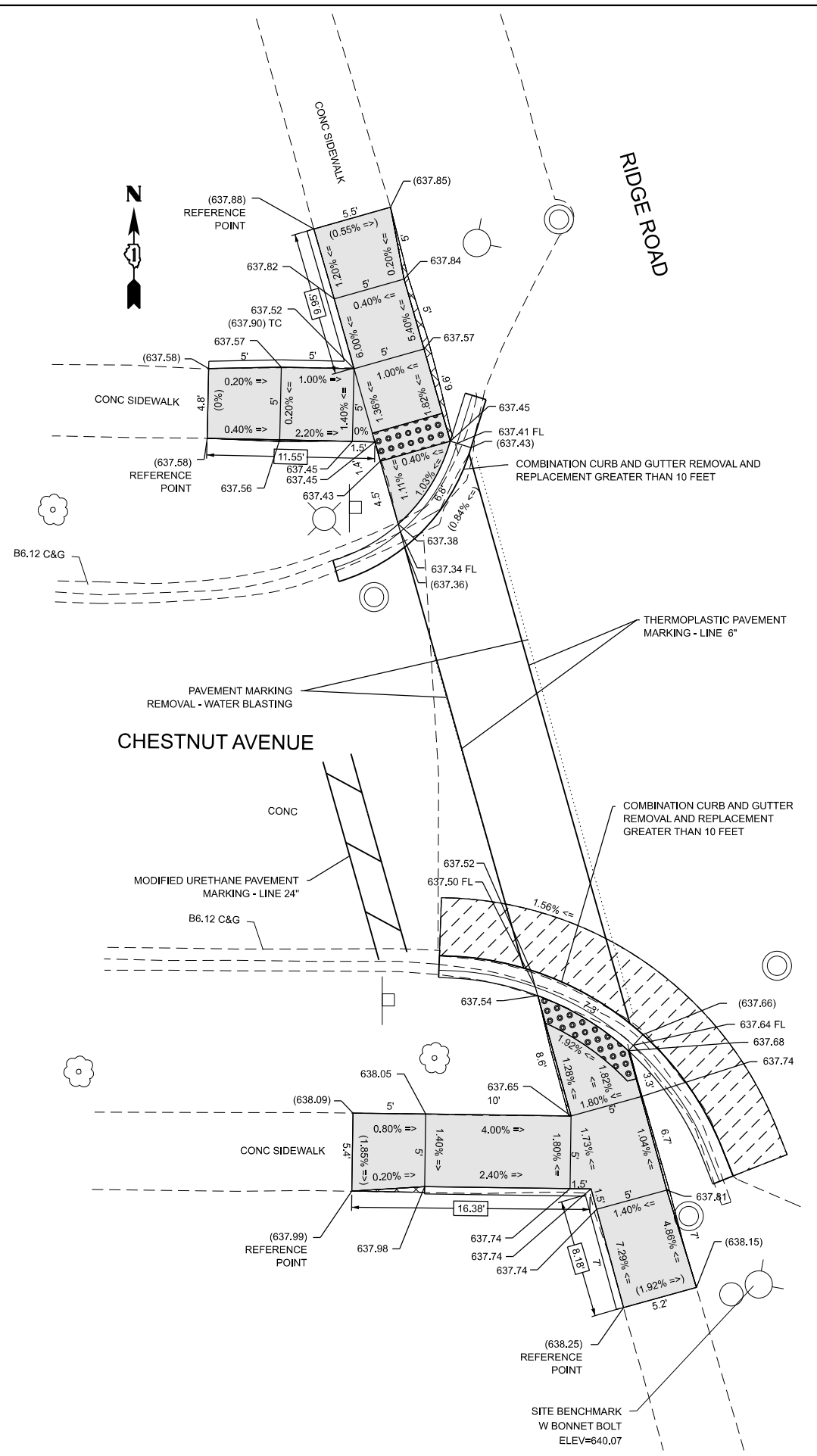
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PLOT DATE = 8/4/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CURB RAMP DETAILS RIDGE RD. AT KENILWORTH AVE.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	15
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

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LEGEND:

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED DETECTABLE WARNINGS
- PROPOSED SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED HMA SURFACE REMOVAL & PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.

USER NAME = Farhan, Tarq	DESIGNED -	REVISED - FT, 9/26/2024
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 9/26/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**







**CURB RAMP DETAILS
 RIDGE RD. AT CHESTNUT AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	17
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

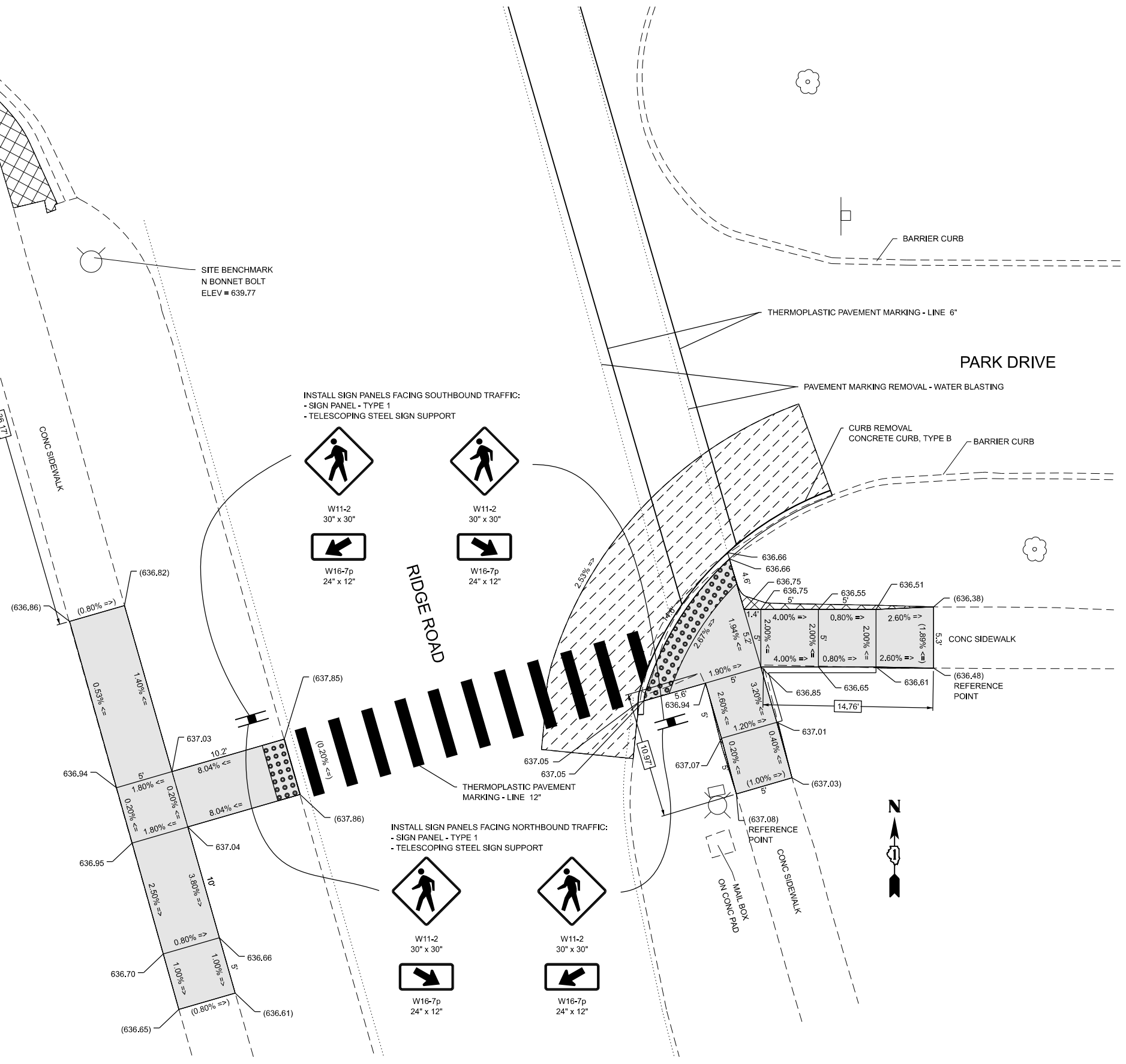
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LEGEND:

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  PROPOSED DETECTABLE WARNINGS
-  PROPOSED SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD
-  PROPOSED HMA SURFACE REMOVAL
& PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.



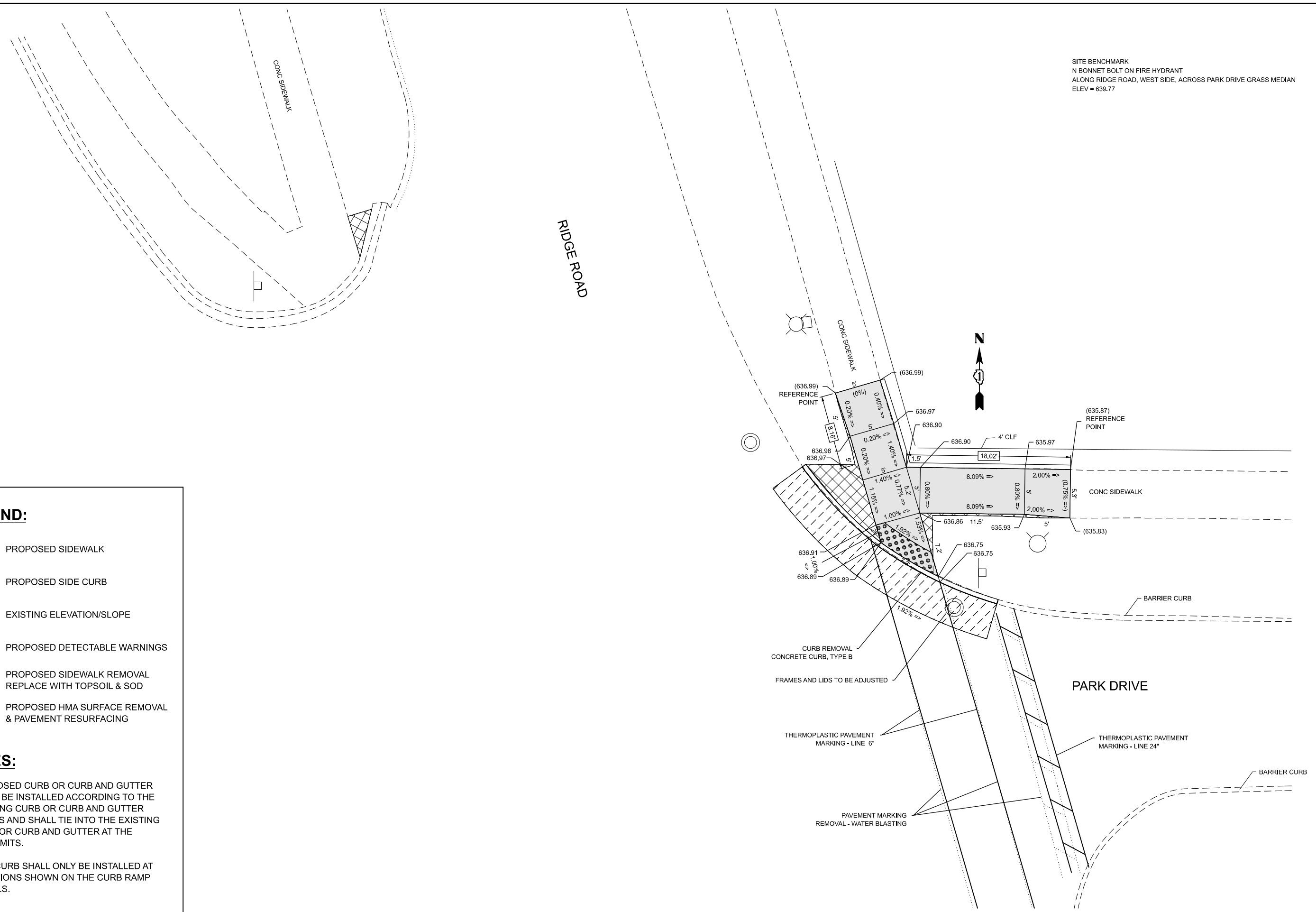
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	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 9/30/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**







CURB RAMP DETAILS RIDGE RD. AT PARK DR. (SOUTH)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	17A
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

SITE BENCHMARK
 N BONNET BOLT ON FIRE HYDRANT
 ALONG RIDGE ROAD, WEST SIDE, ACROSS PARK DRIVE GRASS MEDIAN
 ELEV = 639.77



LEGEND:

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  PROPOSED DETECTABLE WARNINGS
-  PROPOSED SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD
-  PROPOSED HMA SURFACE REMOVAL
& PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.

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 USER: Farhan.Tariq
 DATE: 9/30/2024

USER NAME = Farhan.Tariq	DESIGNED -	REVISED - FT, 9/30/2024
	DRAWN -	REVISED -
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PLOT DATE = 9/30/2024	DATE -	REVISED -

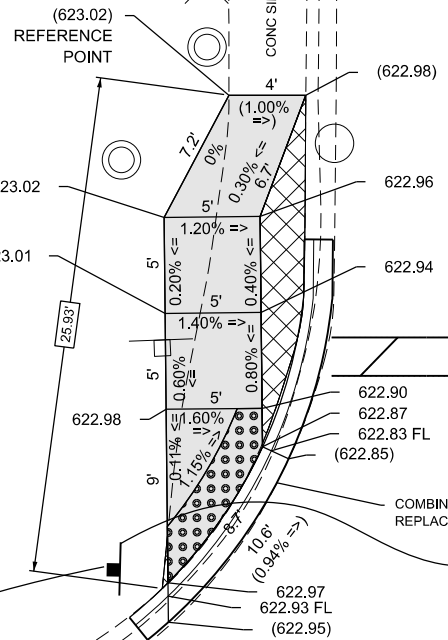
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAILS
 RIDGE RD. AT PARK DR. (NORTH)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	17B
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

SITE BENCHMARK
RAILROAD SPIKE IN POWERPOLE
SOUTHEAST CORNER OF GLENVIEW ROAD AND SUNSET DRIVE
ELEV=624.26








SUNSET DRIVE

THERMOPLASTIC PAVEMENT MARKING - LINE 24"
PAVEMENT MARKING REMOVAL - WATER BLASTING

COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET

REMOVE SCHOOL CROSSING SIGN ASSEMBLY FROM NORTHEAST CORNER AND RELOCATE TO NORTHWEST CORNER:
- REMOVE SIGN PANEL ASSEMBLY - TYPE B
- RELOCATE SIGN PANEL ASSEMBLY - TYPE B

LEGEND:

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
-  PROPOSED DETECTABLE WARNINGS
-  PROPOSED SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
-  PROPOSED HMA SURFACE REMOVAL & PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.

GLENVIEW ROAD

INSTALL SIGN PANELS FACING EASTBOUND TRAFFIC:
- SIGN PANEL - TYPE 1



S1-1
36" x 36"



W16-7p
24" x 12"

INSTALL SIGN PANELS FACING WESTBOUND TRAFFIC:
- SIGN PANEL - TYPE 1



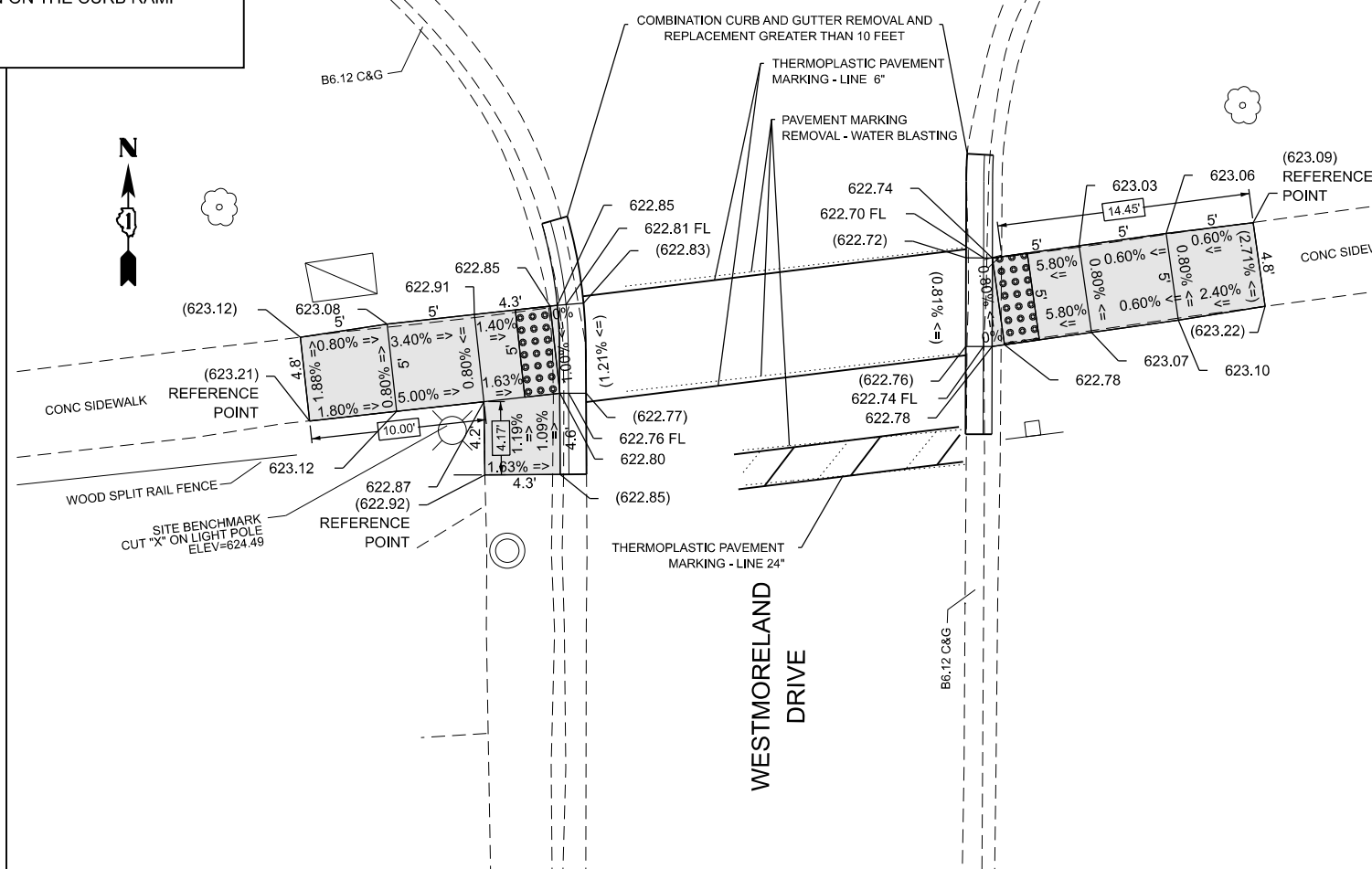
S1-1
36" x 36"



W16-7p
24" x 12"

REMOVE SIGN PANEL ASSEMBLY - TYPE B
RELOCATE SIGN PANEL ASSEMBLY - TYPE B

GLENVIEW ROAD



WESTMORELAND DRIVE

COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET

THERMOPLASTIC PAVEMENT MARKING - LINE 6"

PAVEMENT MARKING REMOVAL - WATER BLASTING

THERMOPLASTIC PAVEMENT MARKING - LINE 24"

THERMOPLASTIC PAVEMENT MARKING - LINE 24"

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USER NAME = Farhan.Tariq	DESIGNED -	REVISED - FT, 9/27/2024
DRAWN -	REVISIONS -	
PLOT SCALE = 0.16666633" / 1 in.	CHECKED -	REVISED -
PLOT DATE = 9/27/2024	DATE -	REVISED -







**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

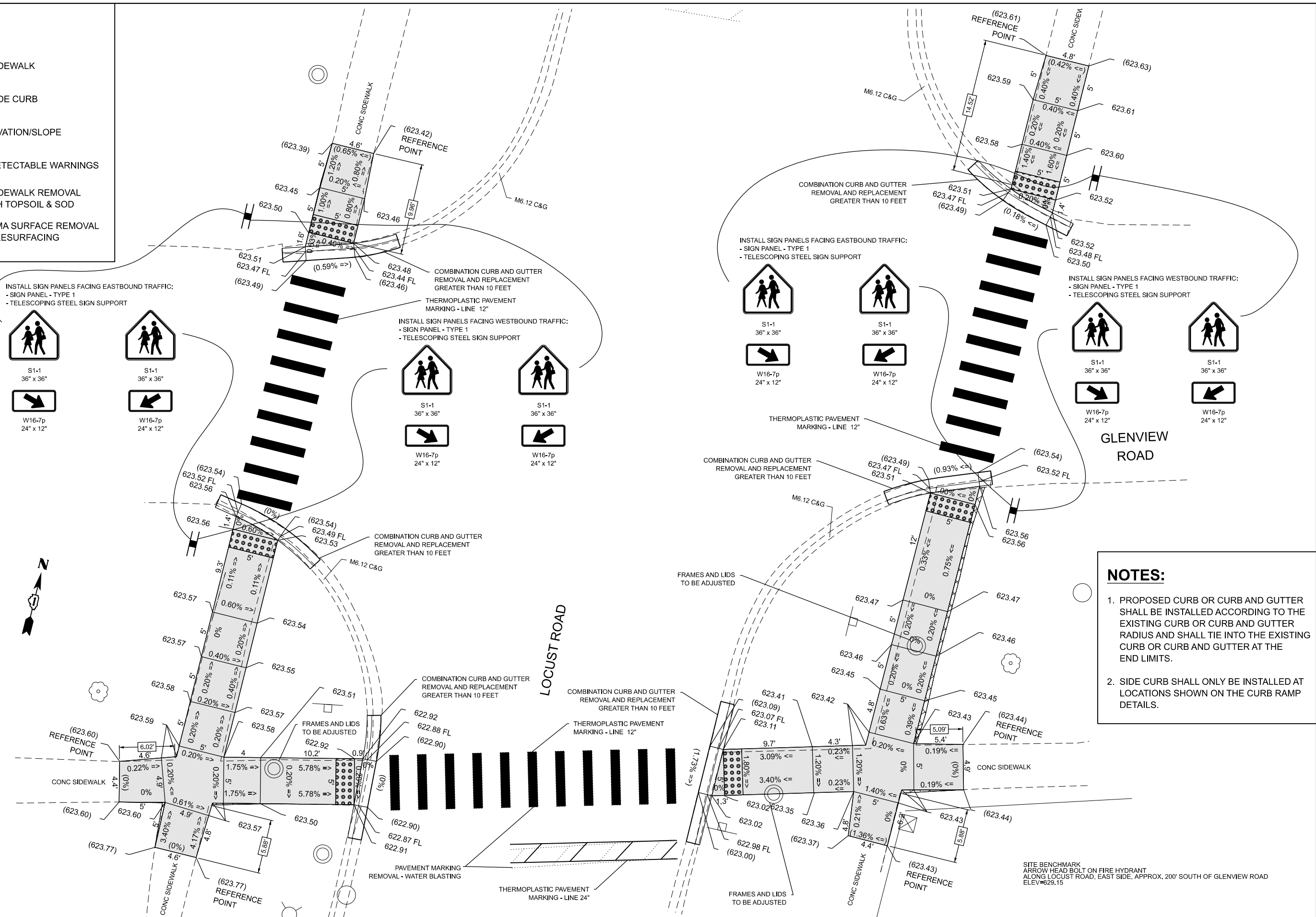
CURB RAMP DETAILS
GLENVIEW RD. AT SUNSET DR. AND AT WESTMOORELAND DR.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	18
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

LEGEND:

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  PROPOSED DETECTABLE WARNINGS
-  PROPOSED SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
-  PROPOSED HMA SURFACE REMOVAL & PAVEMENT RESURFACING



- NOTES:**
1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
 2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.

USER NAME = Farhan.Tariq	DESIGNED -	REVISED - FT, 9/27/2024
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 9/27/2024	DATE -	REVISED -







**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB RAMP DETAILS GLENVIEW RD. AT LOCUST RD.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	19
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

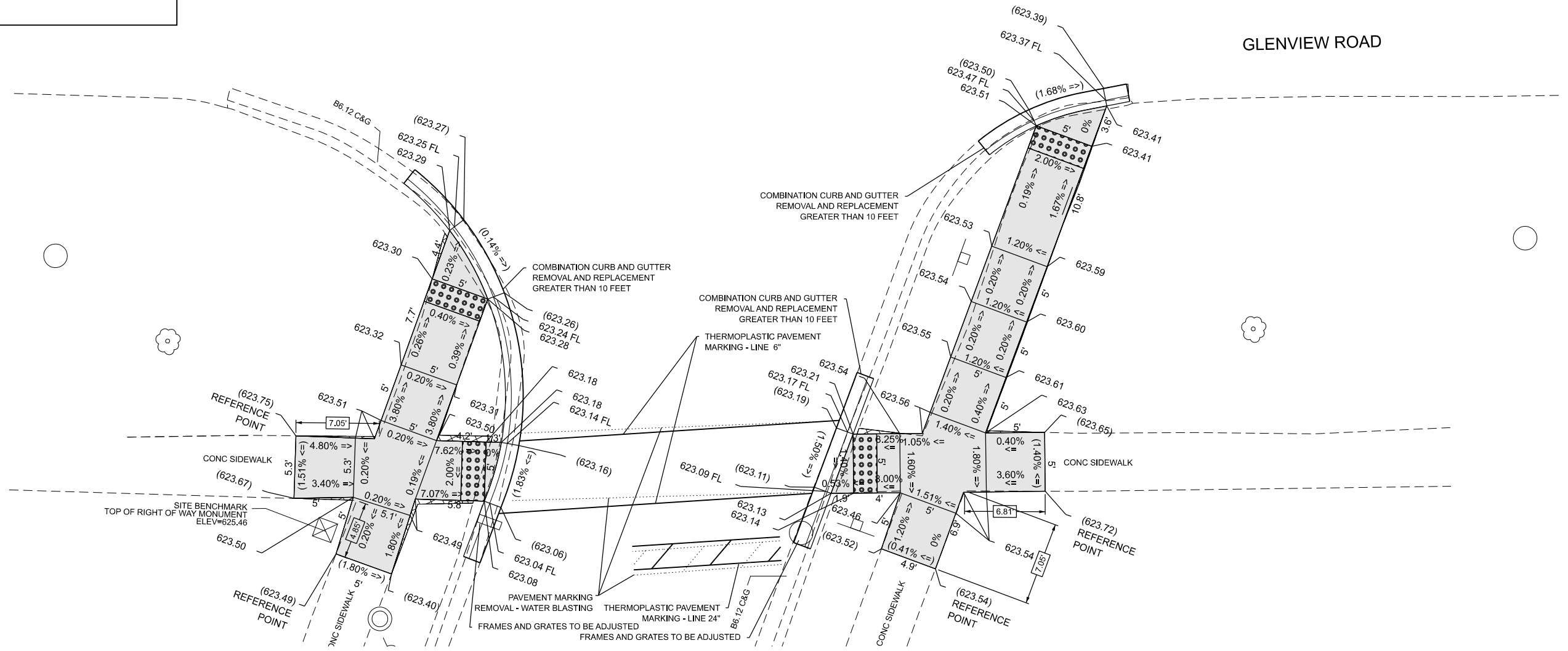
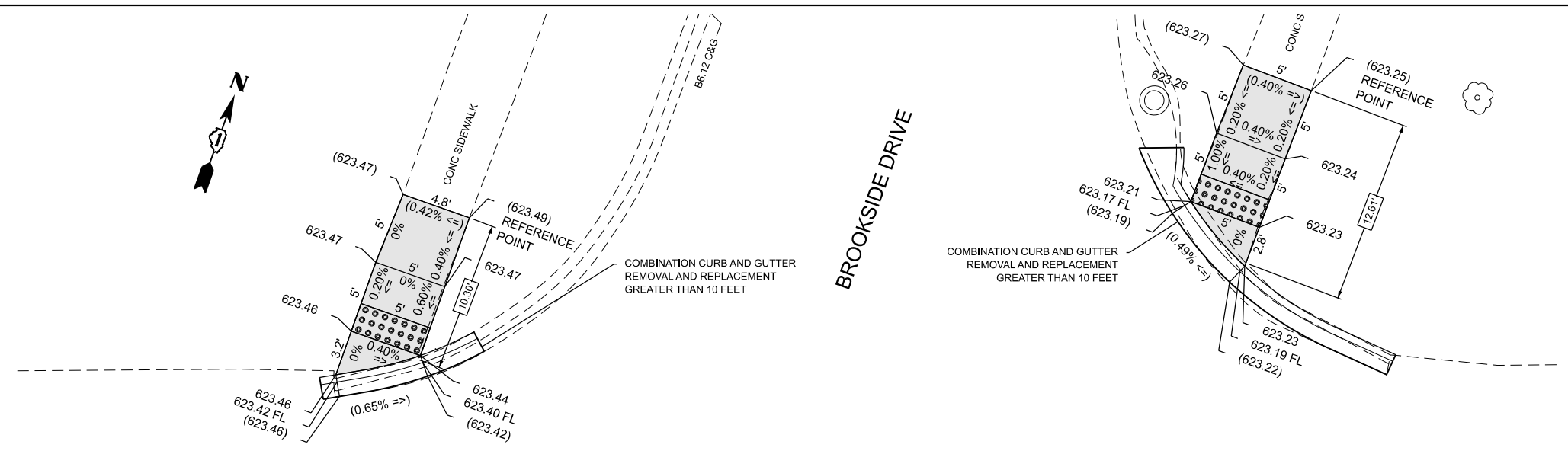
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LEGEND:

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  PROPOSED DETECTABLE WARNINGS
-  PROPOSED SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
-  PROPOSED HMA SURFACE REMOVAL & PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.



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 DATE: 9/27/2024

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	DRAWN -	REVISED -
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





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
GLENVIEW RD. AT BROOKSIDE DR.

SCALE: SHEET OF SHEETS STA. TO STA.

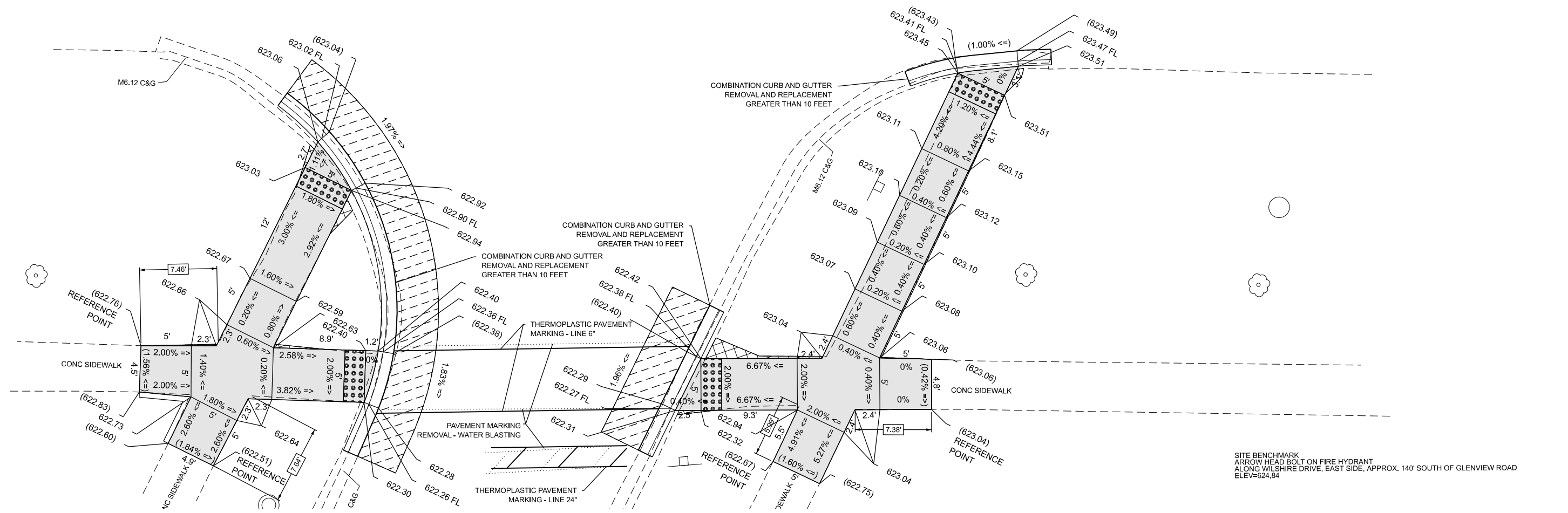
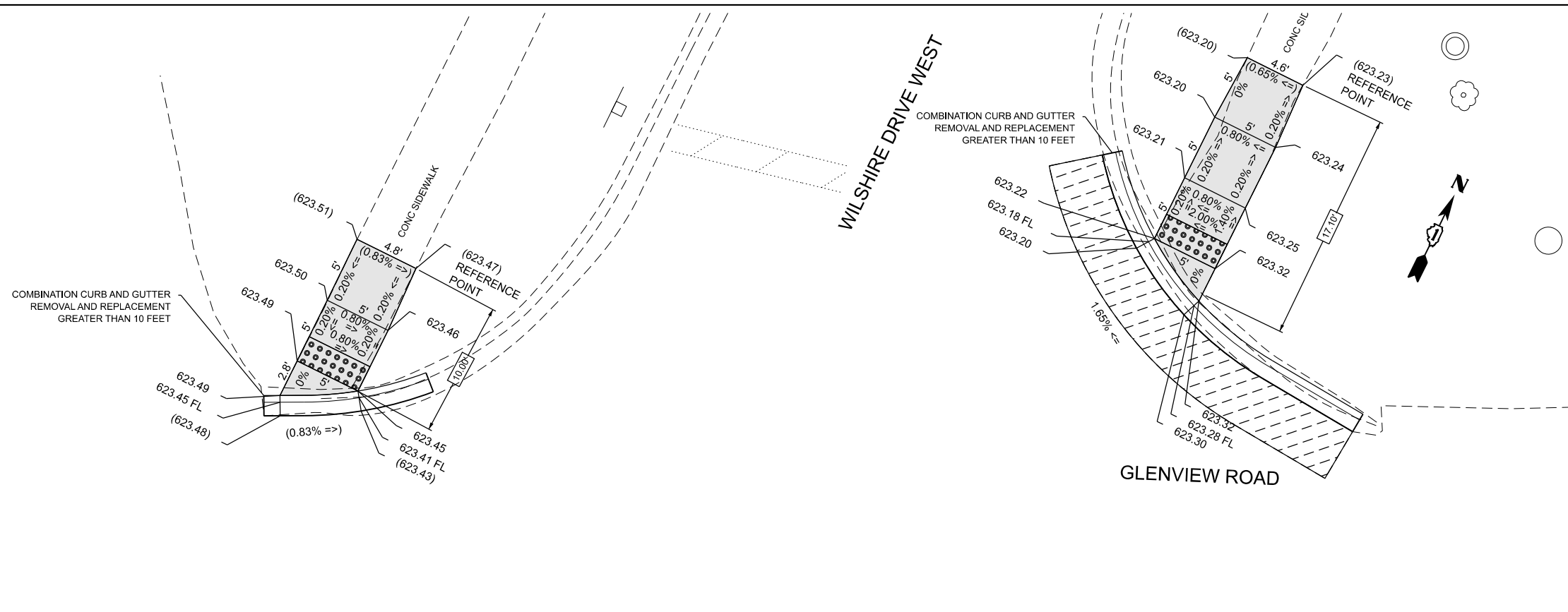
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	20
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

LEGEND:

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  PROPOSED DETECTABLE WARNINGS
-  PROPOSED SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD
-  PROPOSED HMA SURFACE REMOVAL
& PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.



SITE BENCHMARK
ARROW HEAD BOLT ON FIRE HYDRANT
ALONG WILSHIRE DRIVE, EAST SIDE, APPROX. 140' SOUTH OF GLENVIEW ROAD
ELEV=624.84

MODEL: Detail13 (Sheet)
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USER NAME = Farhan.Tariq	DESIGNED -	REVISED - FT, 9/27/2024
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PLOT DATE = 9/27/2024	CHECKED -	REVISED -
	DATE -	REVISED -







**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAILS
GLENVIEW RD. AT WILSHIRE DR. (WEST)**

SCALE: SHEET OF SHEETS STA. TO STA.

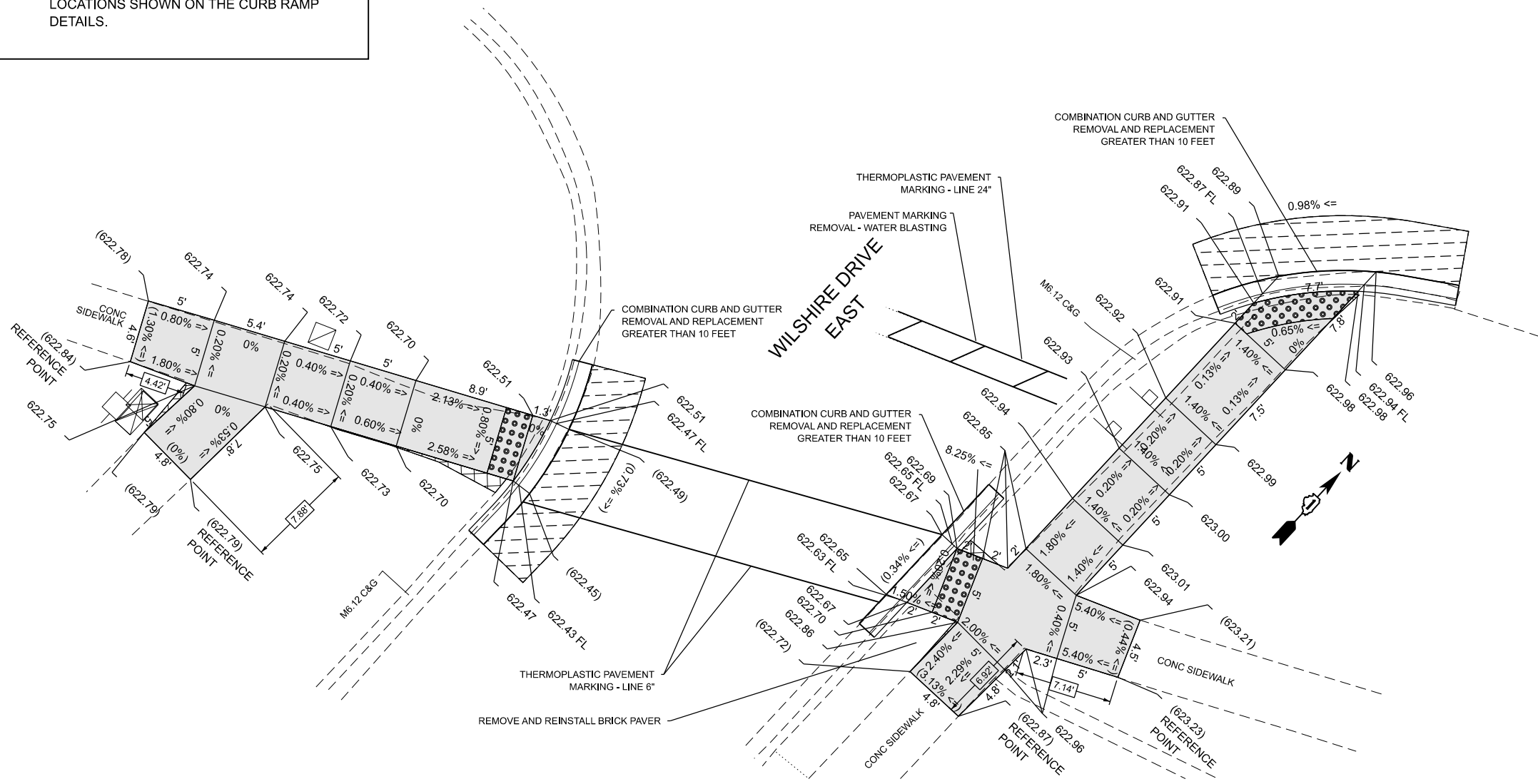
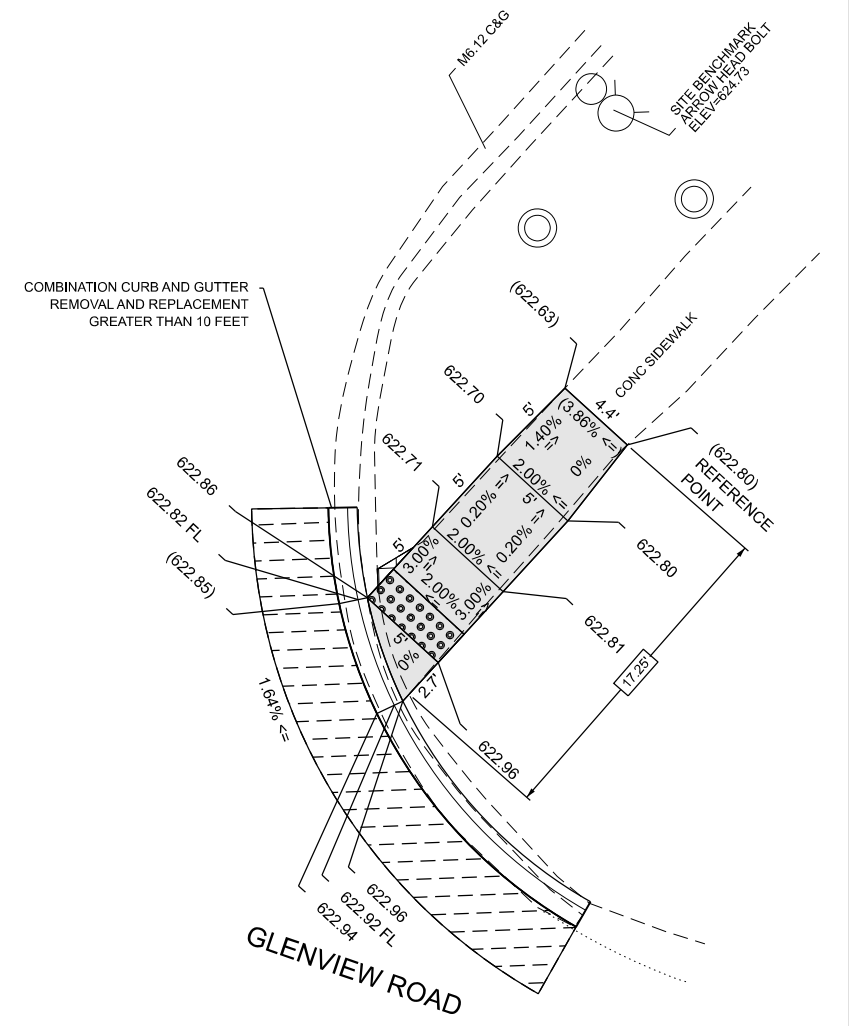
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	21
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

LEGEND:

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  PROPOSED DETECTABLE WARNINGS
-  PROPOSED SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD
-  PROPOSED HMA SURFACE REMOVAL
& PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.



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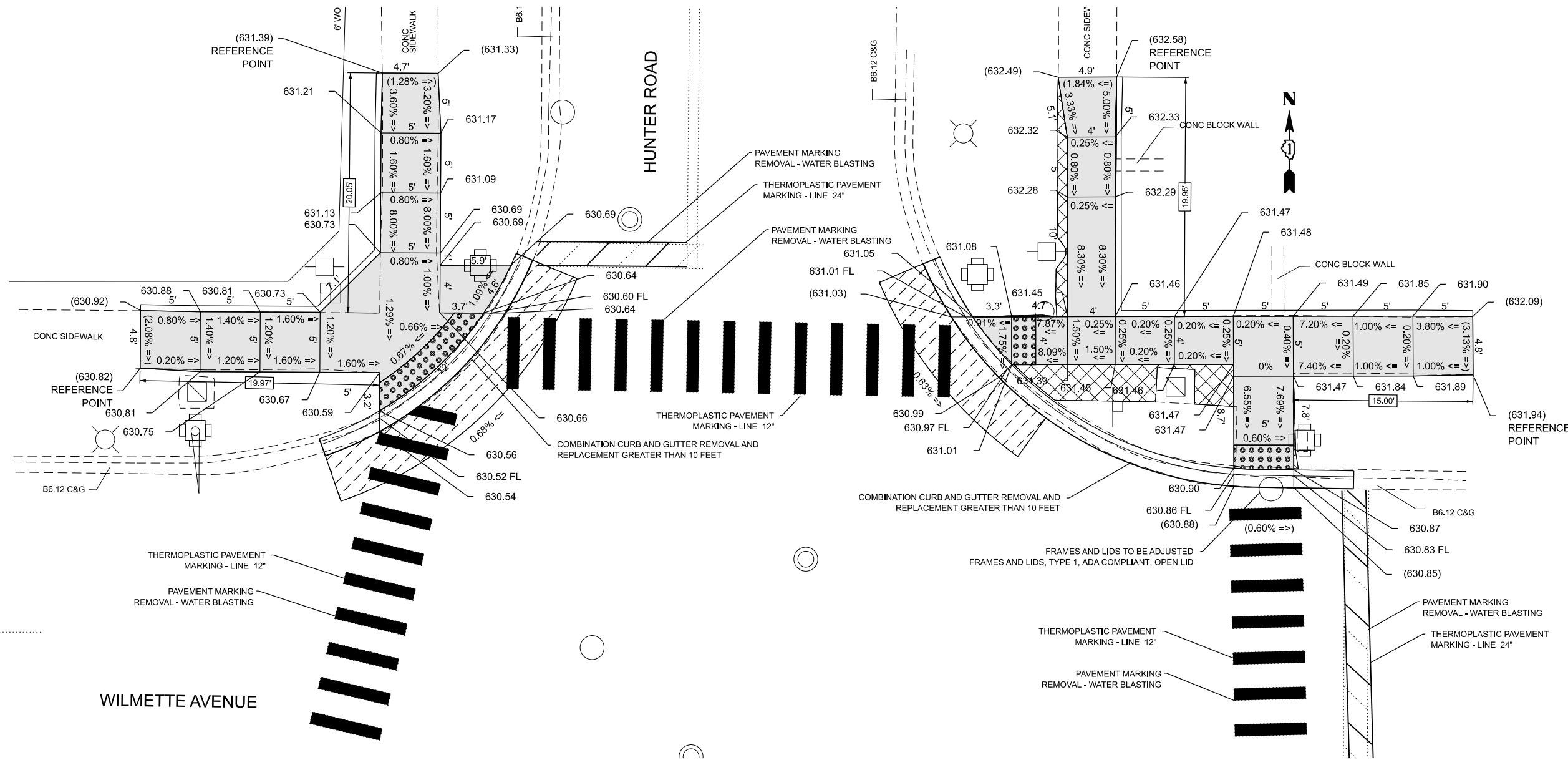
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	DRAWN -	REVISED -
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PLOT DATE = 9/30/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAILS
GLENVIEW RD. AT WILSHIRE DR. (EAST)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	22
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				



LEGEND:

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED DETECTABLE WARNINGS
- PROPOSED SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED HMA SURFACE REMOVAL & PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.

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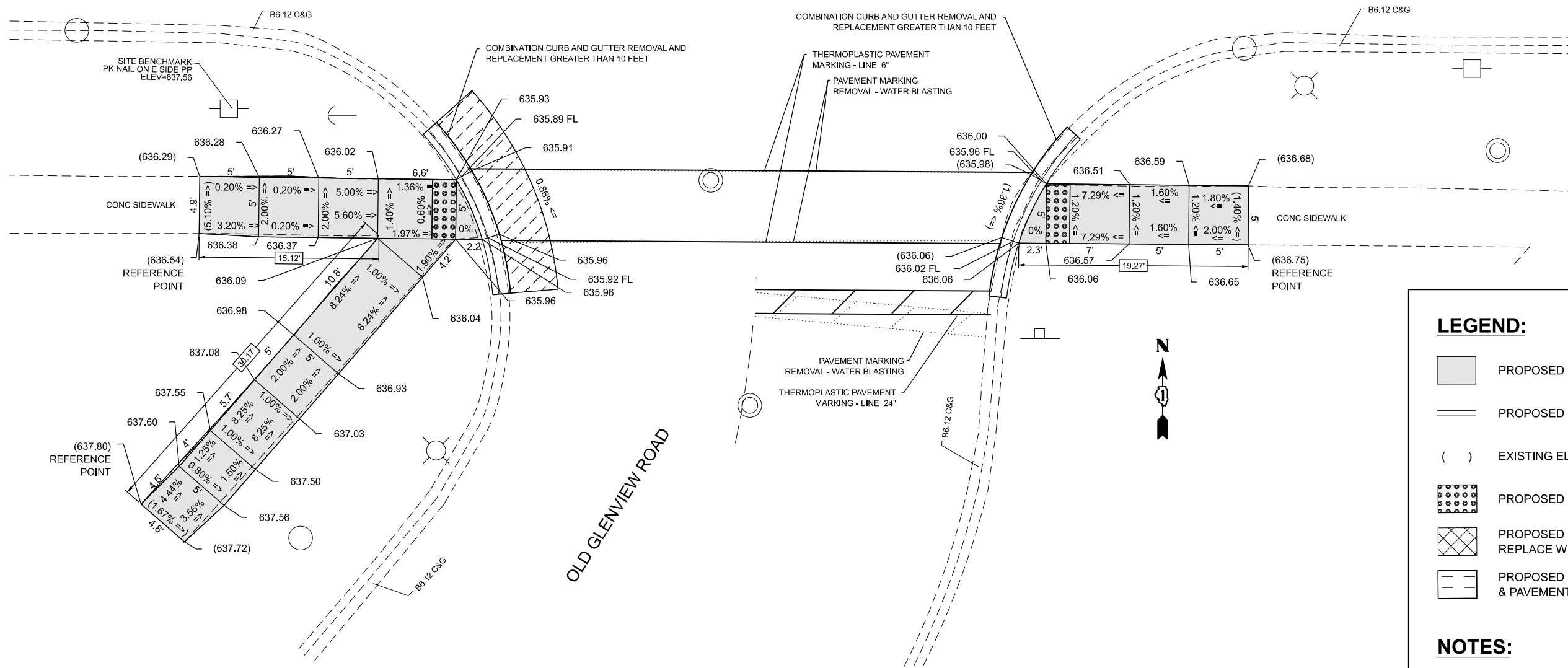
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAILS
WILMETTE AVE. AT CRAWFORD AVE. / HUNTER RD.**







F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	26
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

WILMETTE AVENUE



LEGEND:

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  PROPOSED DETECTABLE WARNINGS
-  PROPOSED SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD
-  PROPOSED HMA SURFACE REMOVAL
& PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.

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DRAWN -	REVISED -	
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PLOT DATE = 8/4/2024	DATE -	REVISED -

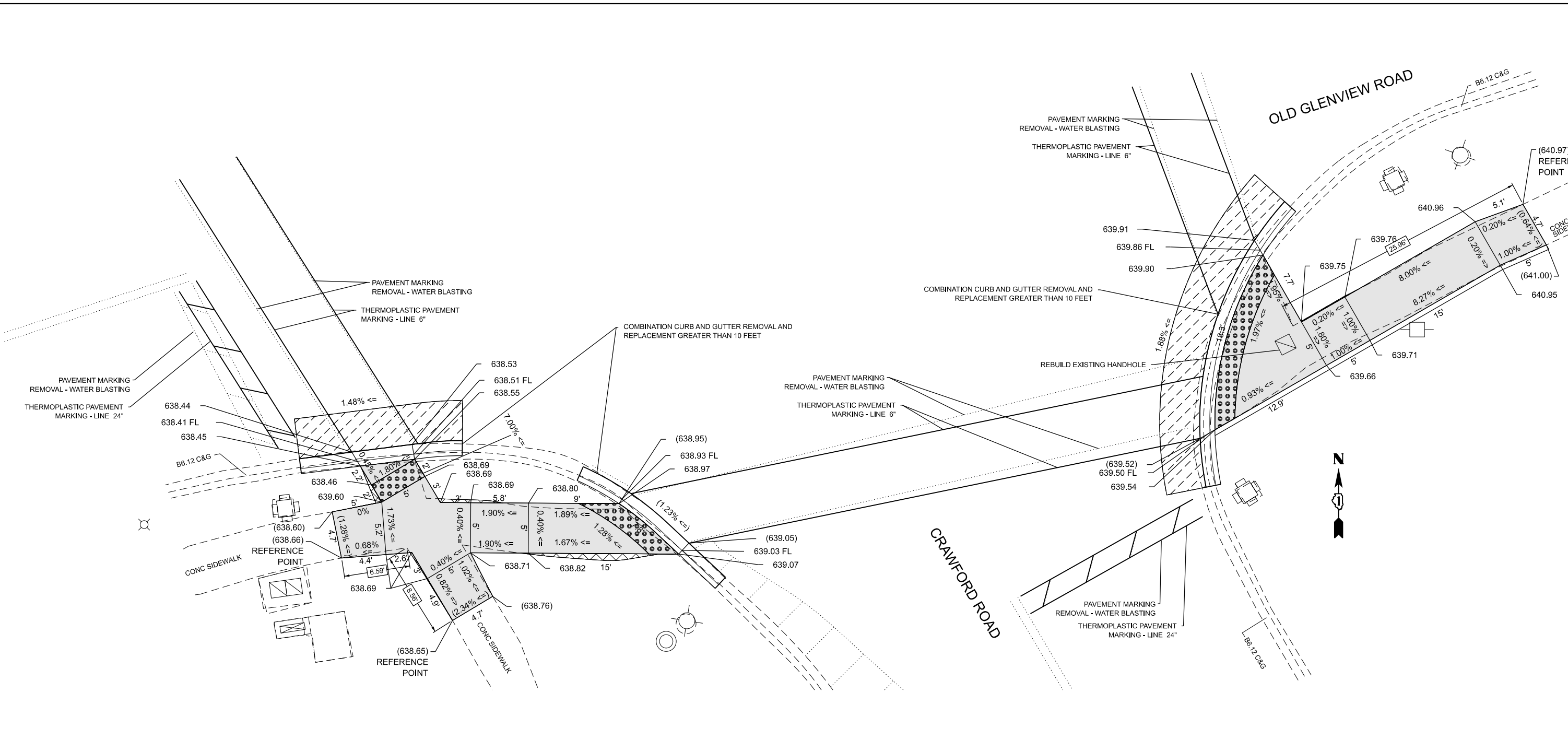
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAILS
WILMETTE AVE. AT OLD GLENVIEW RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	29
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

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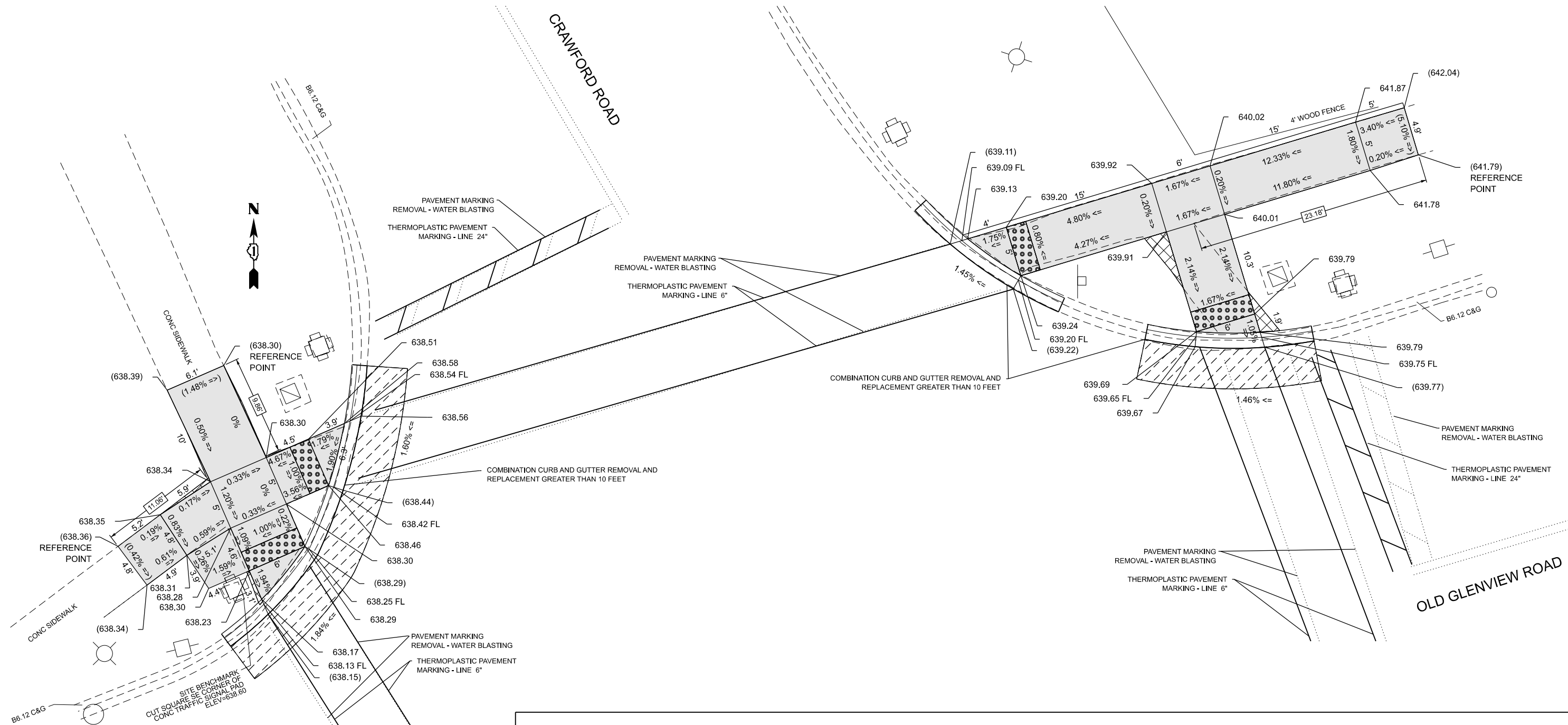
	PROPOSED SIDEWALK		PROPOSED DETECTABLE WARNINGS
	PROPOSED SIDE CURB		PROPOSED SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
()	EXISTING ELEVATION/SLOPE		PROPOSED HMA SURFACE REMOVAL & PAVEMENT RESURFACING

NOTES:

- PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
- SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.

	USER NAME = Farhan, Tarq	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB RAMP DETAILS CRAWFORD AVE. AT OLD GLENVIEW RD.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

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LEGEND:

 PROPOSED SIDEWALK	 PROPOSED DETECTABLE WARNINGS
 PROPOSED SIDE CURB	 PROPOSED SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
() EXISTING ELEVATION/SLOPE	 PROPOSED HMA SURFACE REMOVAL & PAVEMENT RESURFACING

NOTES:

- PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
- SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.

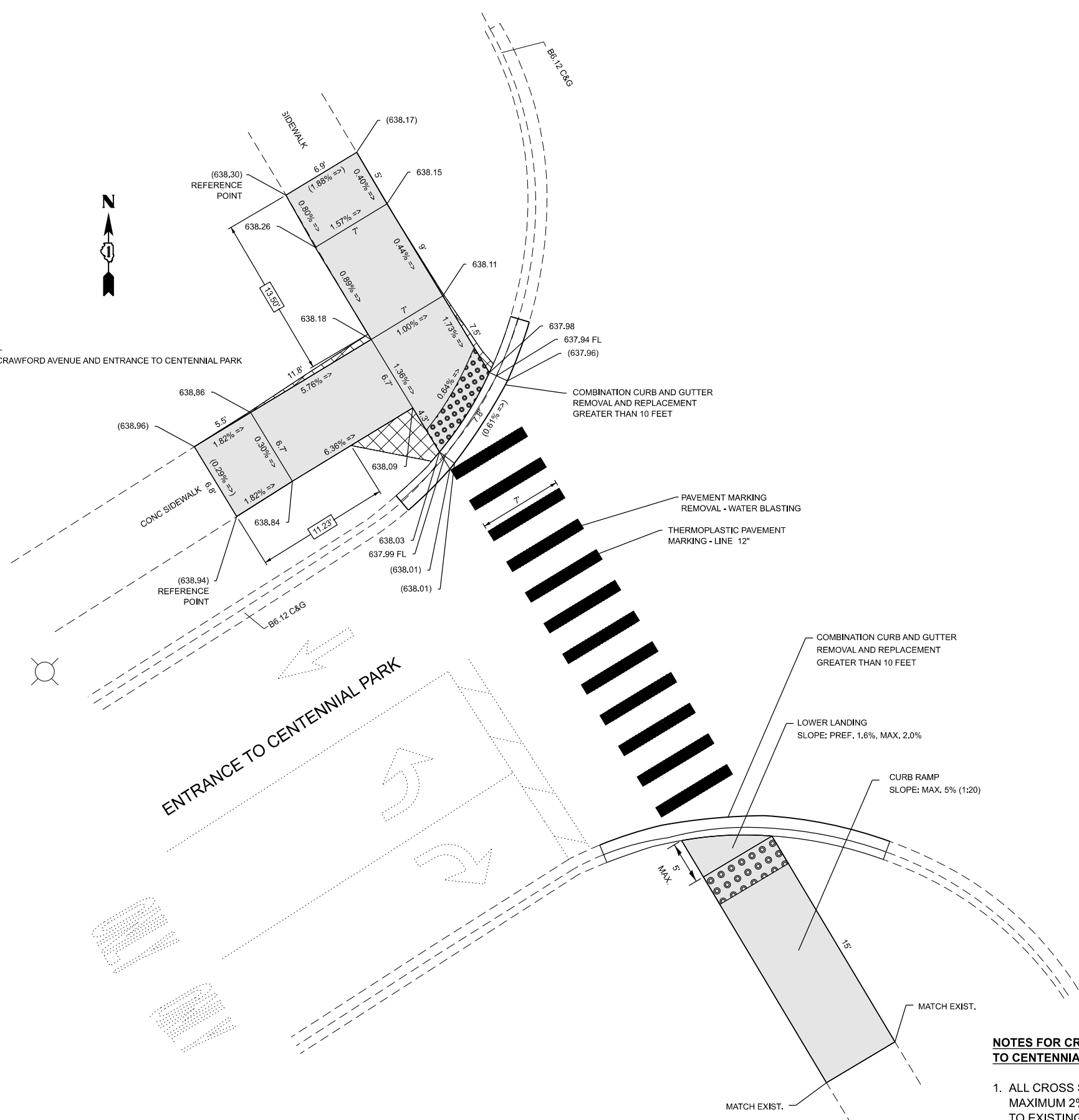
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PLOT SCALE = 0.16666633' / In.	CHECKED -	REVISED -
PLOT DATE = 9/27/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAILS
CRAWFORD AVE. AT OLD GLENVIEW RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	32
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				



SITE BENCHMARK
NE BOLT ON FIRE HYDRANT
NORTHWEST CORNER OF CRAWFORD AVENUE AND ENTRANCE TO CENTENNIAL PARK
ELEV=637.89

LEGEND:

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED DETECTABLE WARNINGS
- PROPOSED SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD
- PROPOSED HMA SURFACE REMOVAL
& PAVEMENT RESURFACING

NOTES:

1. PROPOSED CURB OR CURB AND GUTTER SHALL BE INSTALLED ACCORDING TO THE EXISTING CURB OR CURB AND GUTTER RADIUS AND SHALL TIE INTO THE EXISTING CURB OR CURB AND GUTTER AT THE END LIMITS.
2. SIDE CURB SHALL ONLY BE INSTALLED AT LOCATIONS SHOWN ON THE CURB RAMP DETAILS.

NOTES FOR CRAWFORD AVE. AT ENTRANCE TO CENTENNIAL PARK (SW CORNER):

1. ALL GROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK.
2. MATCH EXISTING SIDEWALK WIDTH.

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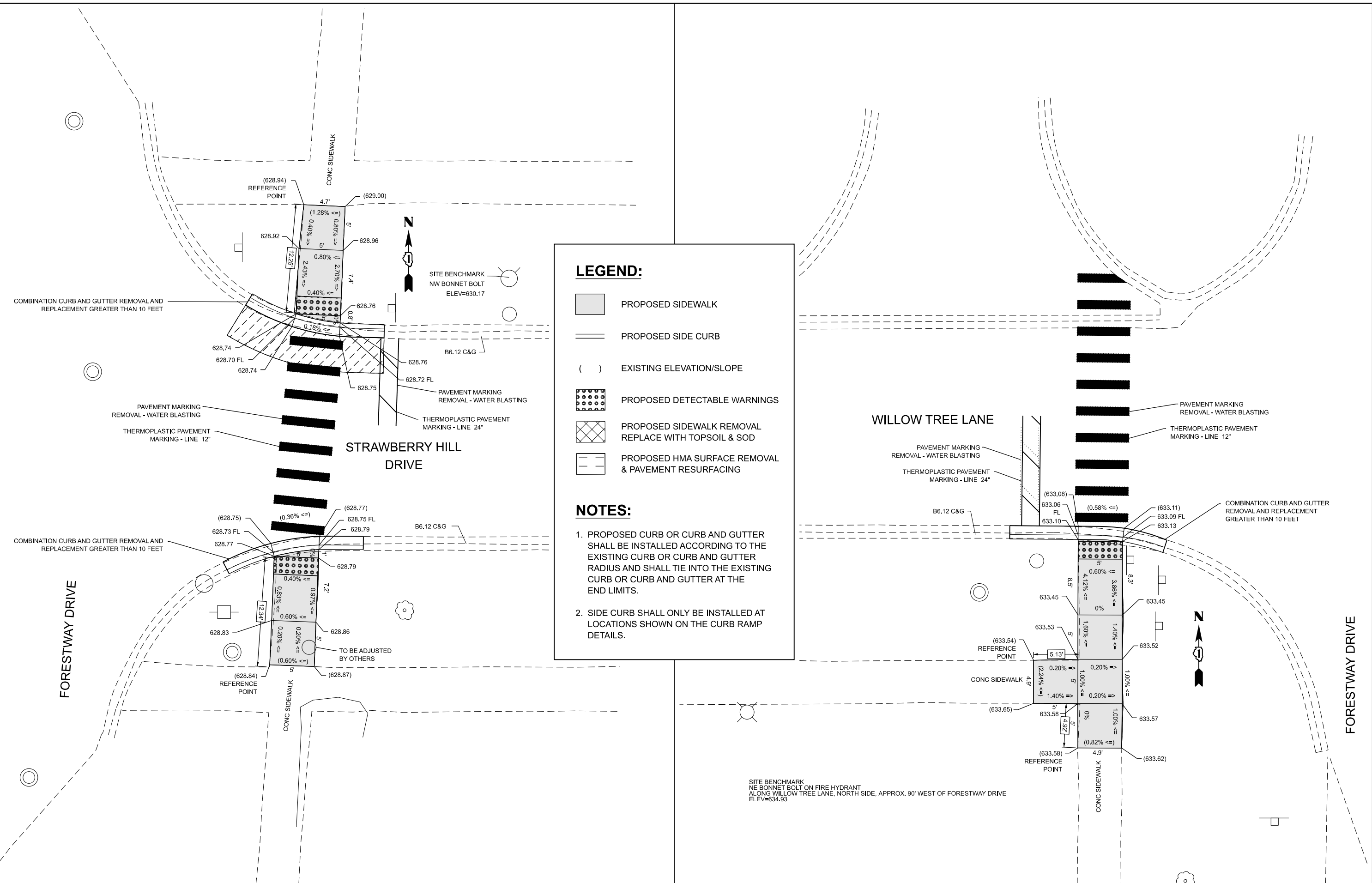
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAILS
CRAWFORD AVE. AT ENTRANCE TO CENTENNIAL PARK**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	33
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

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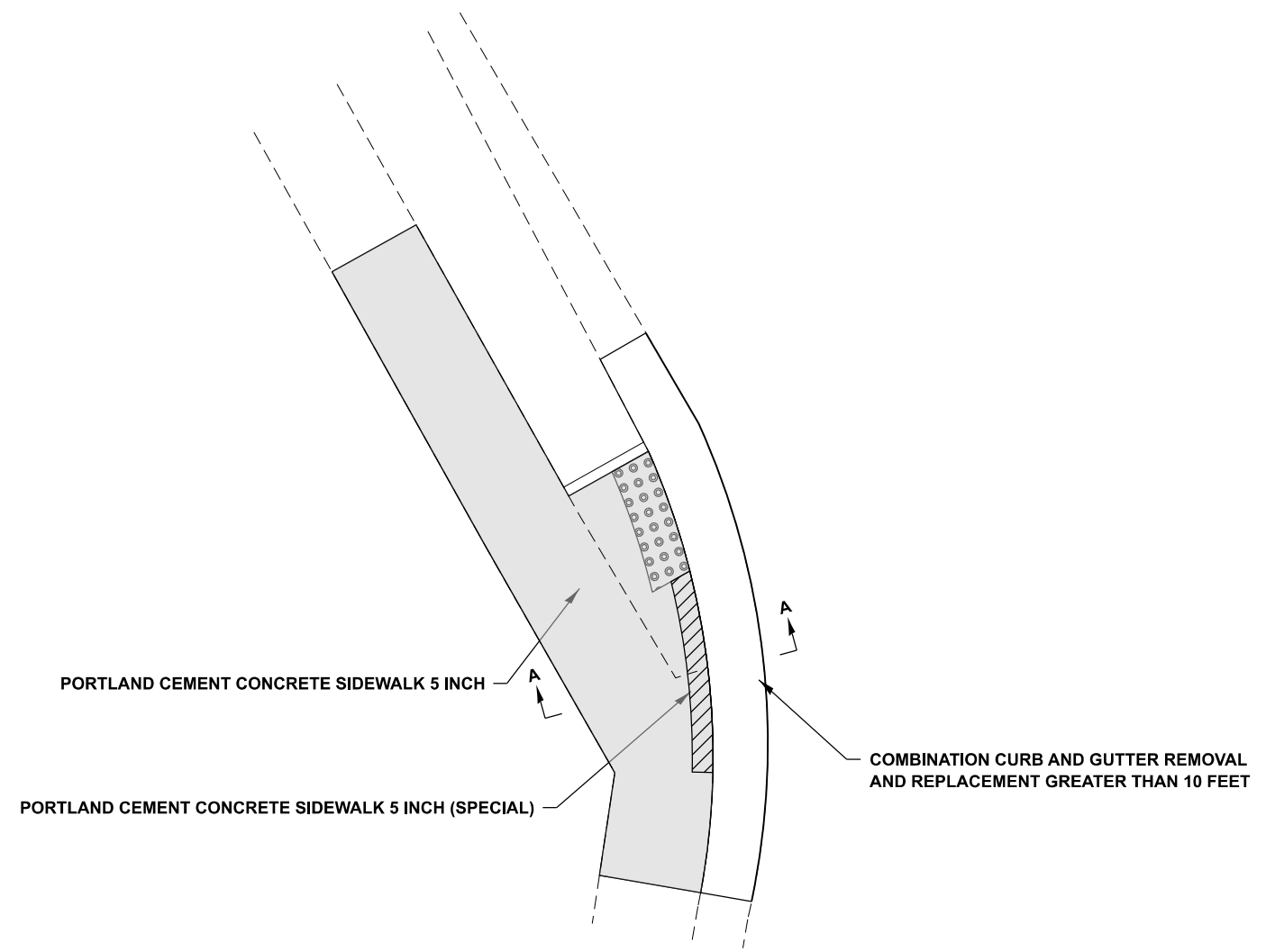


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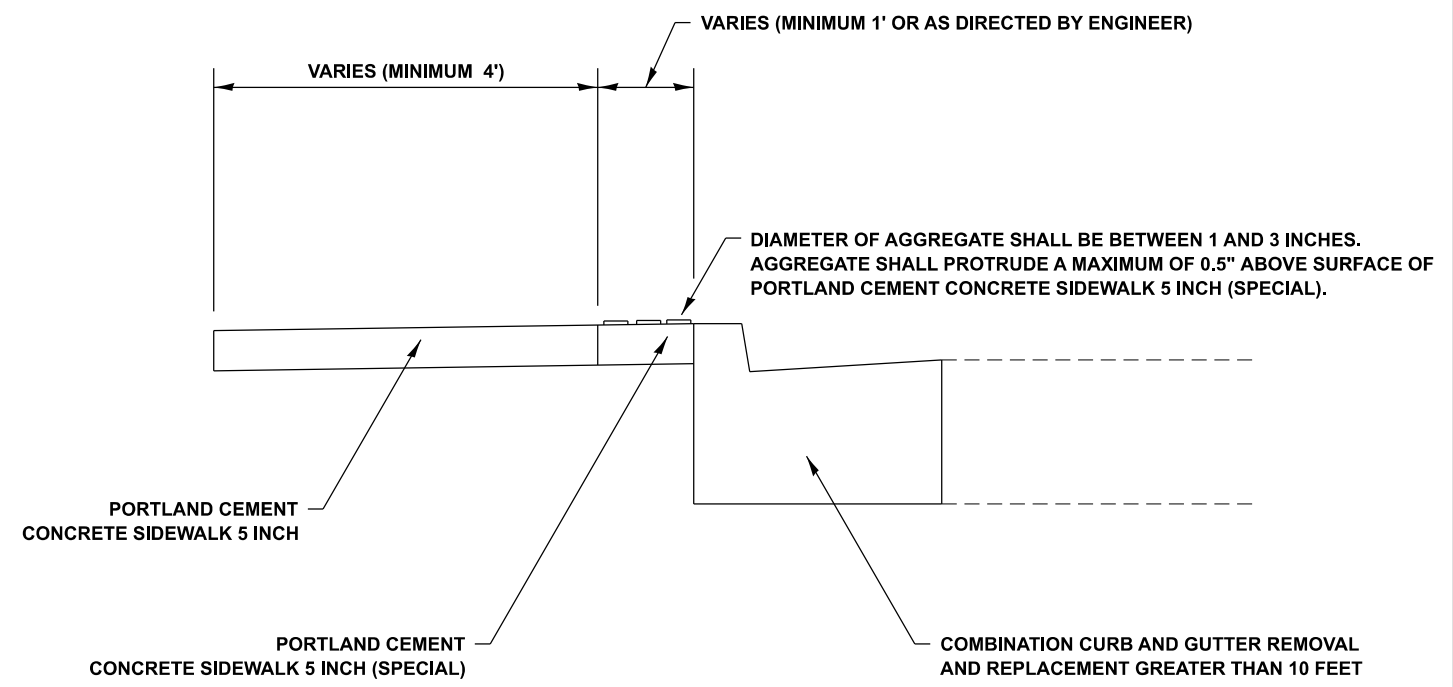
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB RAMP DETAILS			
FORESTWAY DR. AT STRAWBERRY HILL DR. AND AT WILLOW TREE LN.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	34
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				



TYPICAL PLAN FOR PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)



SECTION A-A

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	CHECKED -	REVISED -
PLOT DATE = 8/4/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DETAIL FOR PCC SIDEWALK 5 INCH (SPECIAL)
 VARIOUS ROUTES - VARIOUS LOCATIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	35
CONTRACT NO. 62P94			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	S	SP	FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM	I	IP	GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM		R			
SIGNAL HEAD			RELOCATE ITEM		RL			
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM		A			
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF			
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF			
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF			
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I	 	 			
RADAR DETECTION SENSOR			PERFORMED 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								

TS SHT NO. 1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

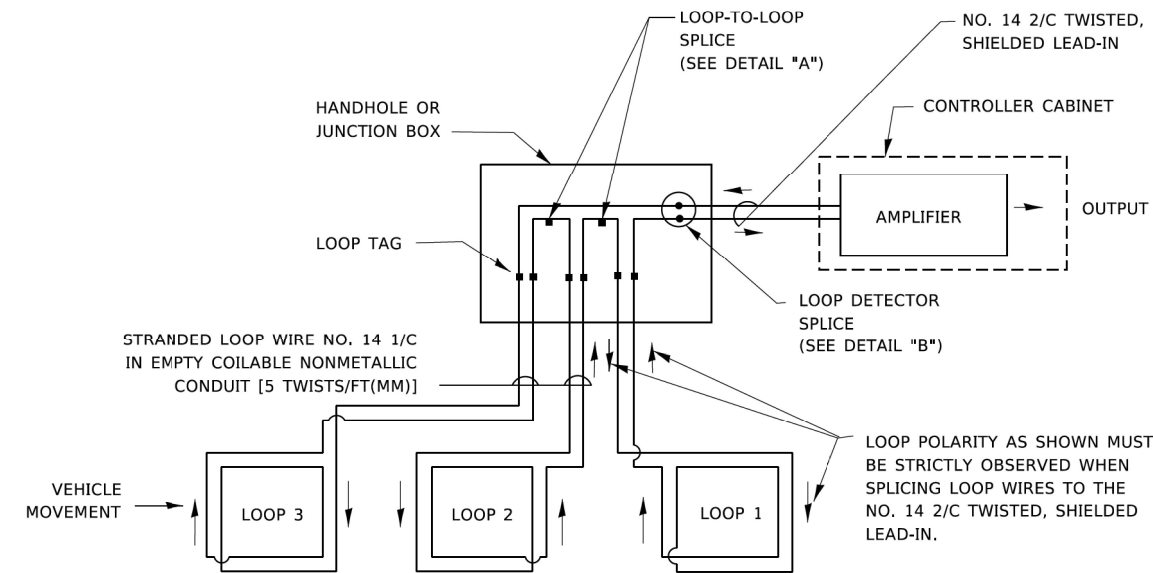
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-173-SW	COOK	52	36
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

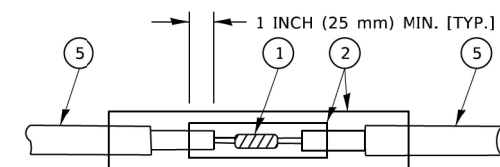
LOOP DETECTOR NOTES

- 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.
- 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.
- 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.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- 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.
- 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.
- 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.

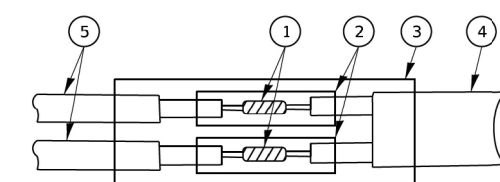


DETECTOR LOOP WIRING SCHEMATIC

- 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.



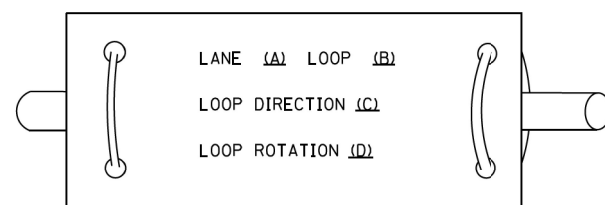
DETAIL "A"
LOOP-TO-LOOP SPLICE



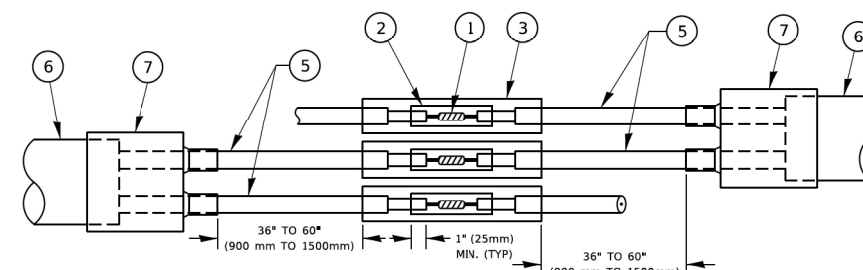
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP

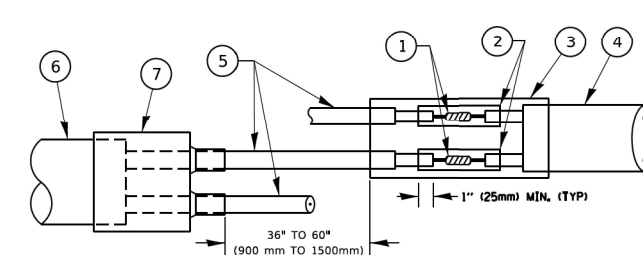
LOOP LEAD-IN CABLE TAG



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



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

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

TS SHT NO. 2

MODEL Path: C:\Sharepoint\ITERS\INCISystems - Midwest - Chicago Construction\DOT PBE 204\0101_01_APS PROJECT MANAGEMENT\12083 - NO 6 - New Tier Touring\CAD\Sheet Files\0162994_01_TS Standards.dgn

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PLOT DATE = 6/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

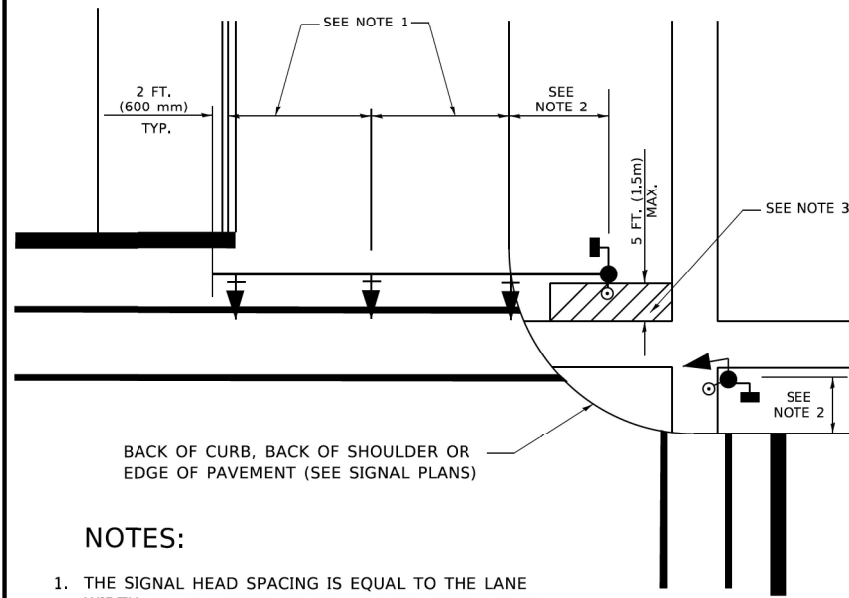
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-173-SW	COOK	52	37
CONTRACT NO. 62994			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.

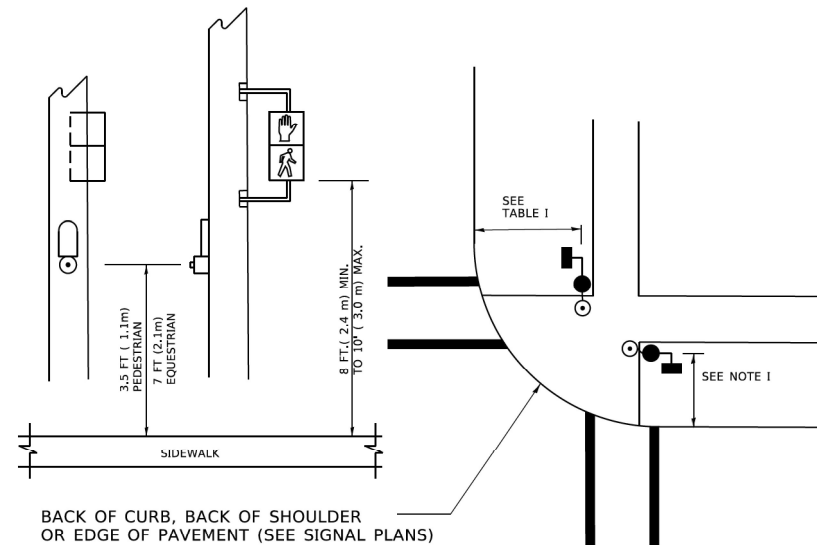


BACK OF CURB, BACK OF SHOULDER OR EDGE OF PAVEMENT (SEE SIGNAL PLANS)

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

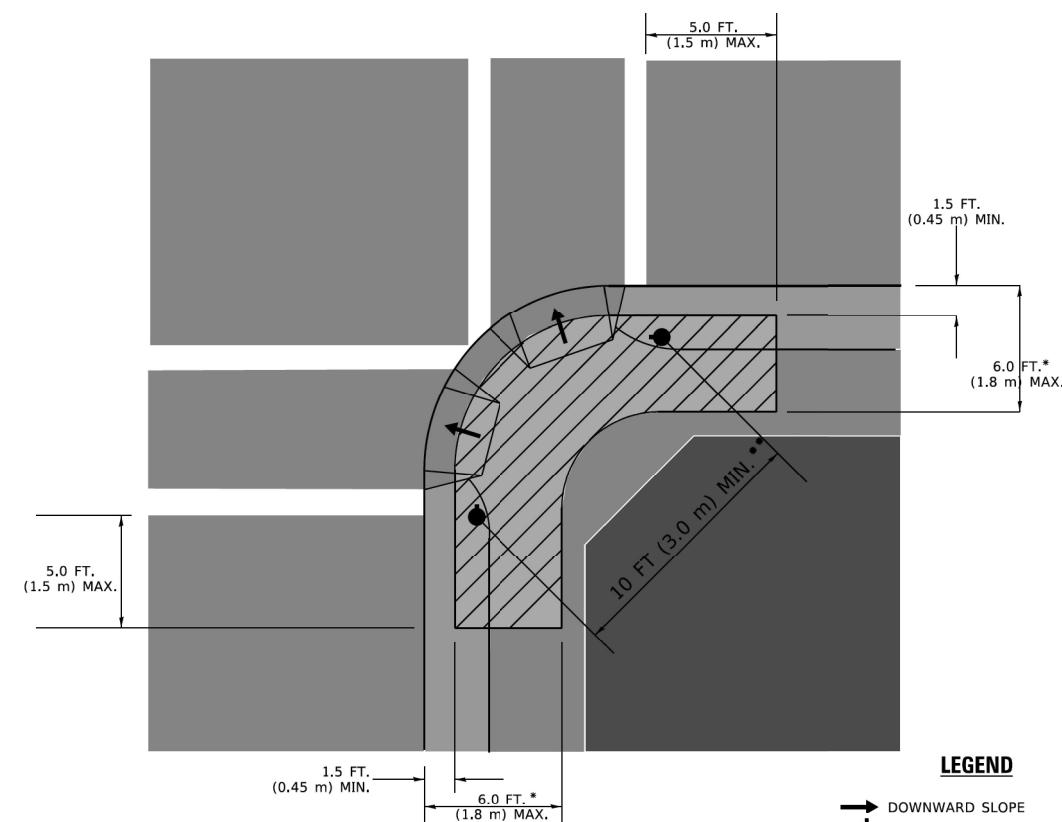


BACK OF CURB, BACK OF SHOULDER OR EDGE OF PAVEMENT (SEE SIGNAL PLANS)

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

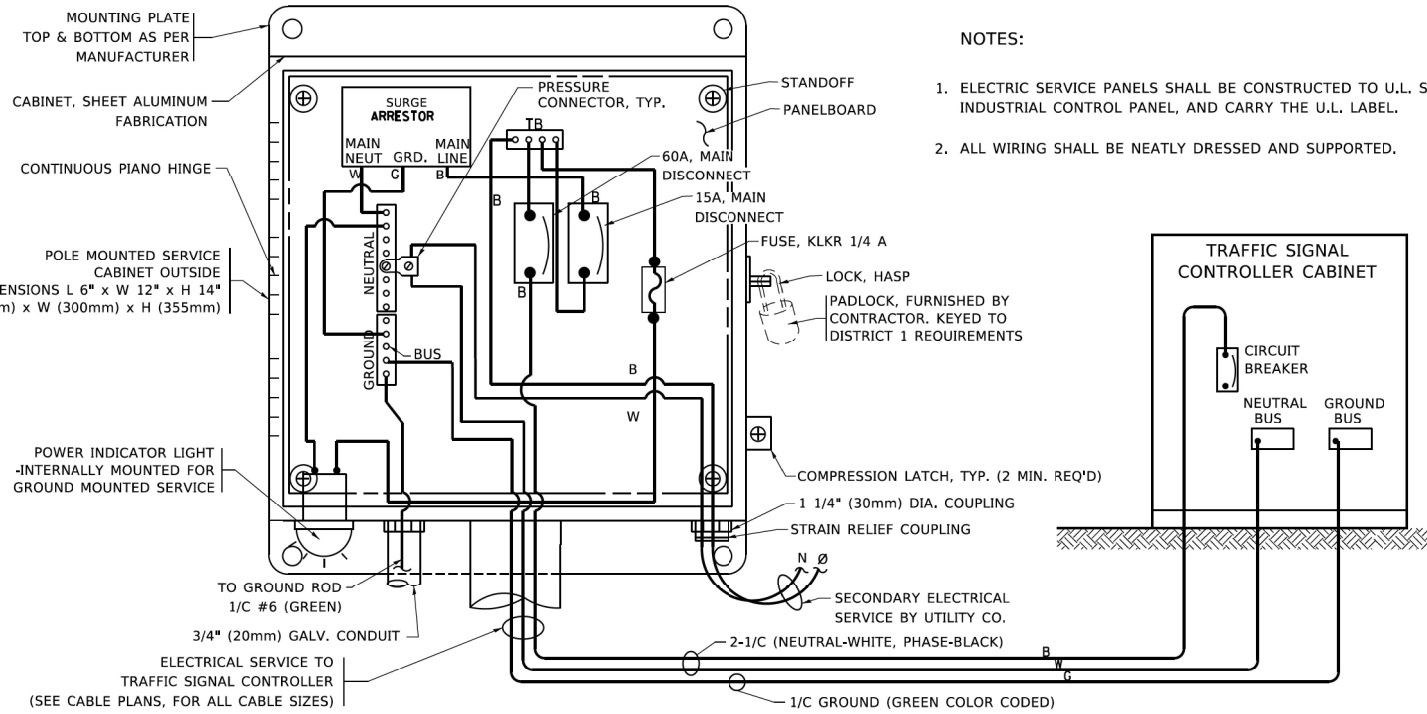
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 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:

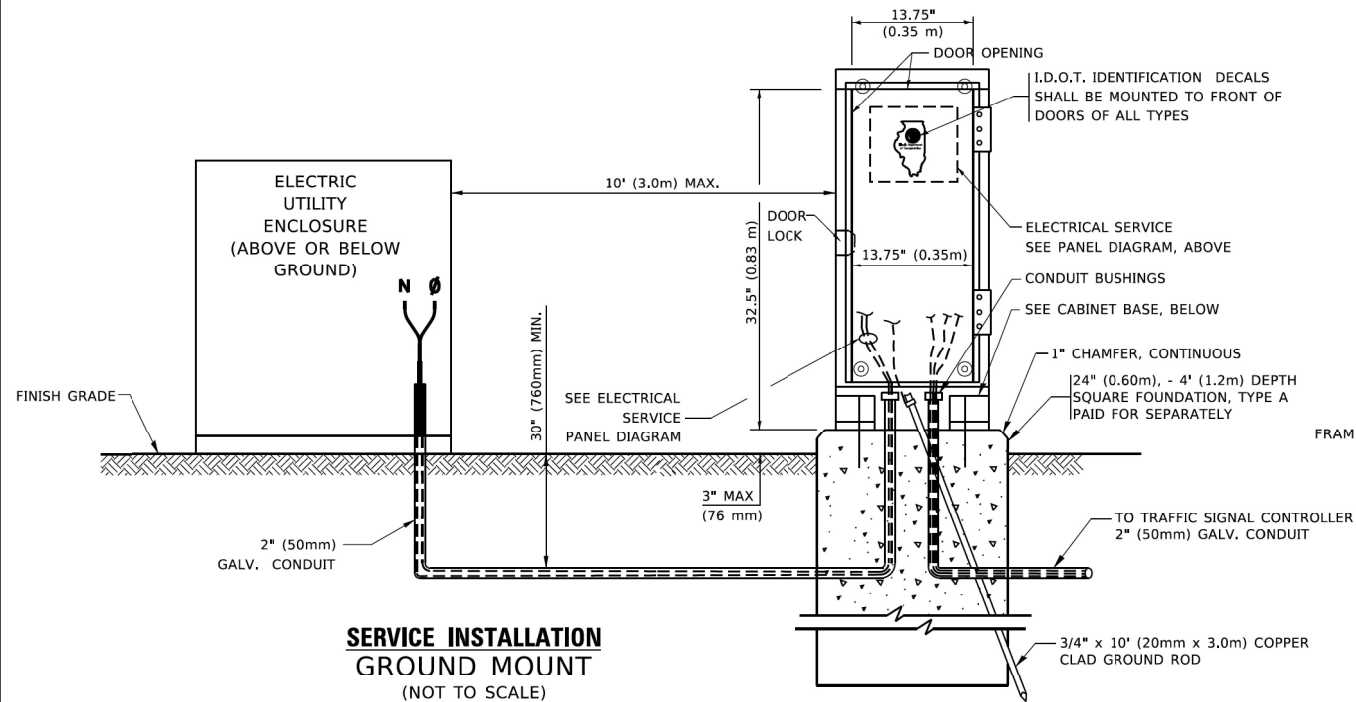
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM 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.

USER NAME = bfunk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	VAR			2021-173-SW	COOK	52	38	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 62P94				
PLOT DATE = 6/20/2024	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

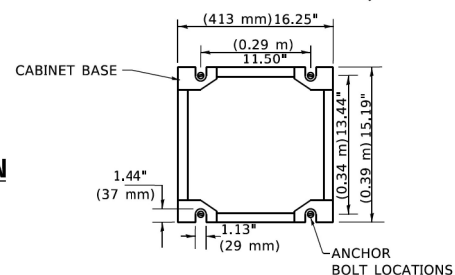
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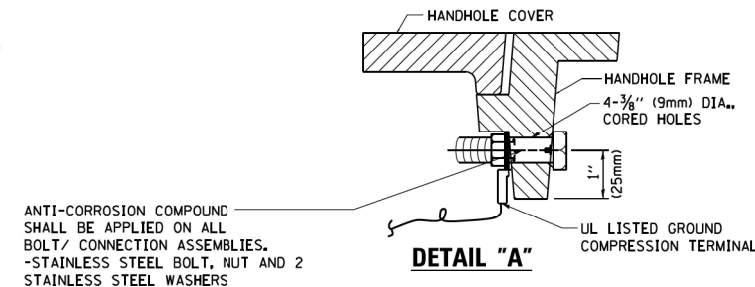
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



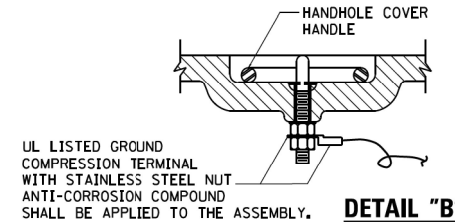
SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)



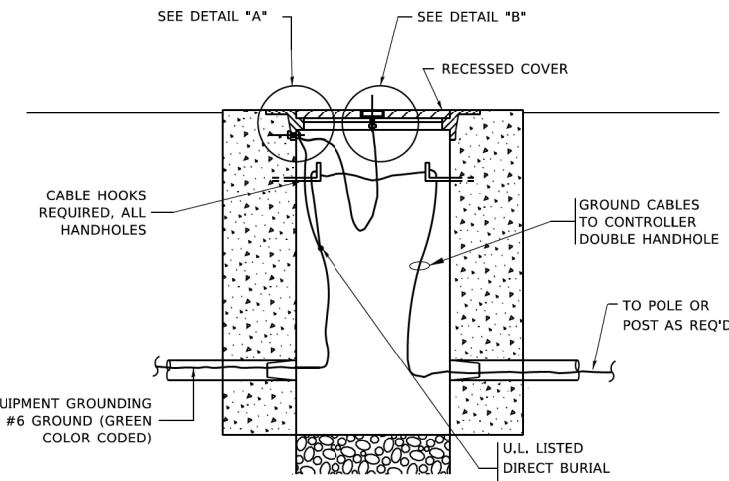
CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)



DETAIL "A"

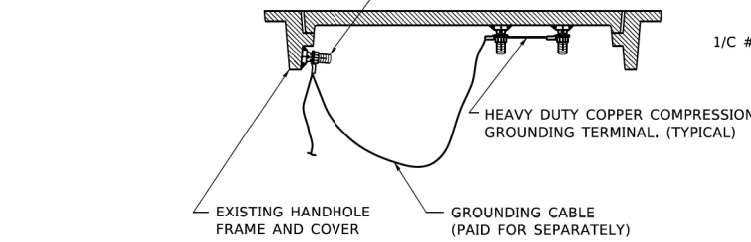


DETAIL "B"

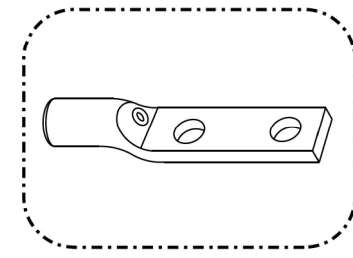


HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)

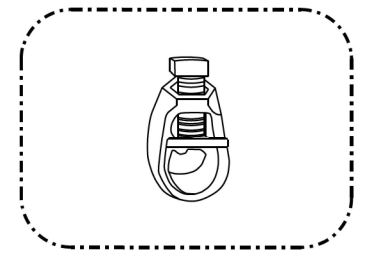
(2) 1/2" x 1 1/4" STAINLESS STEEL BOLT WITH SPLIT LOCK WASHER AND NYLON INSERT LOCKOUT WELDED TO FRAME AND TO COVER, (TYPICAL). ANTI-CORROSION COMPOUND SHALL BE APPLIED TO EACH ASSEMBLY.



EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)



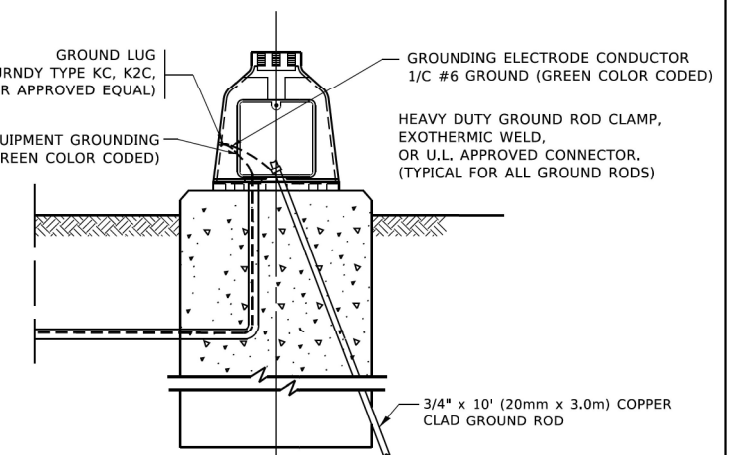
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



3/4" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

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.



MAST ARM POLE /POST-GROUNDING DETAIL
 (NOT TO SCALE)

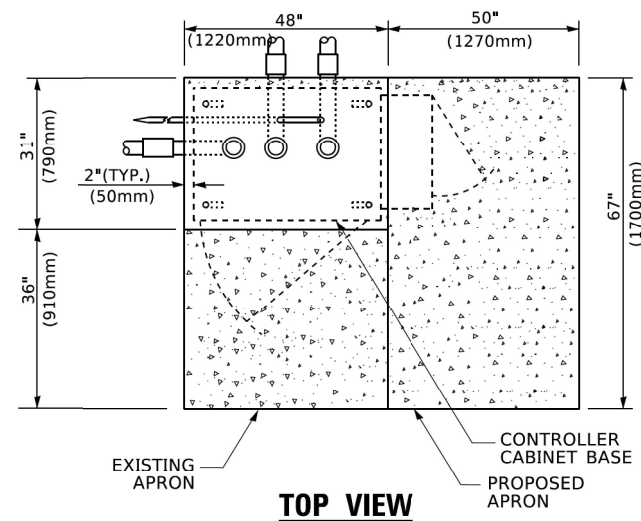
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

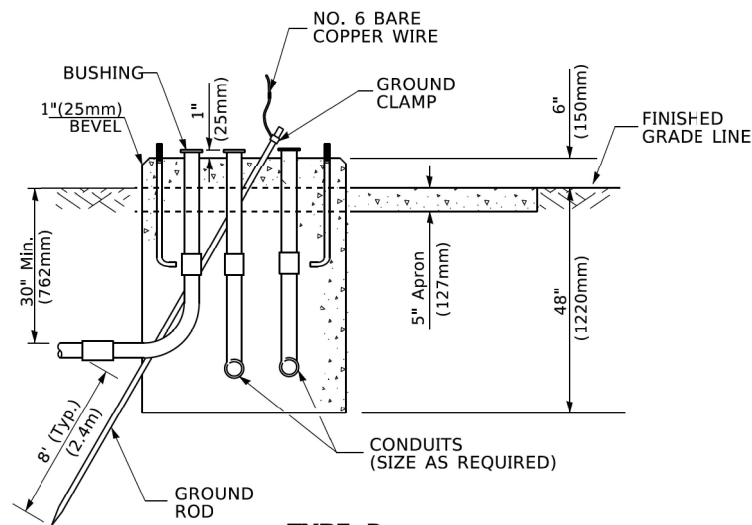
**DISTRICT ONE
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

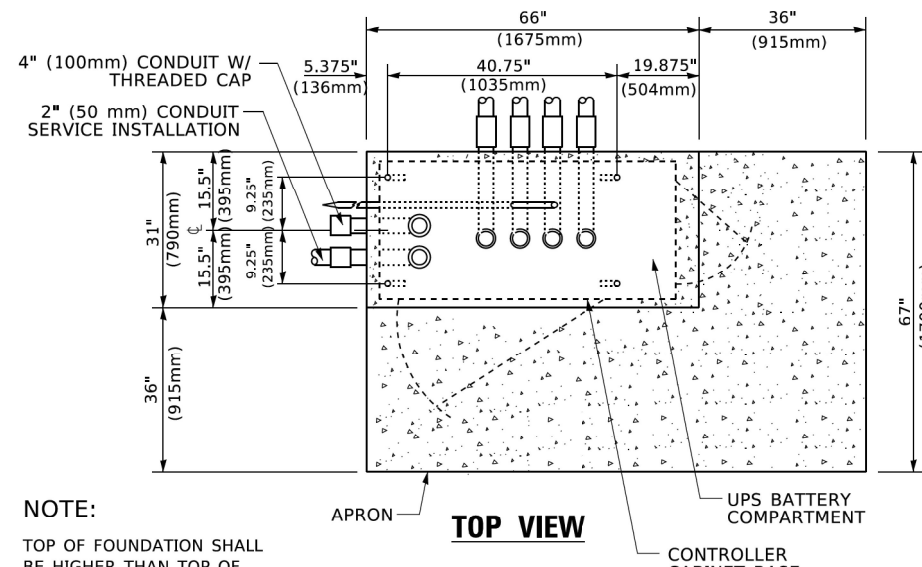
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-173-SW	COOK	52	39
CONTRACT NO. 62P94			ILLINOIS FED. AID PROJECT	



TOP VIEW

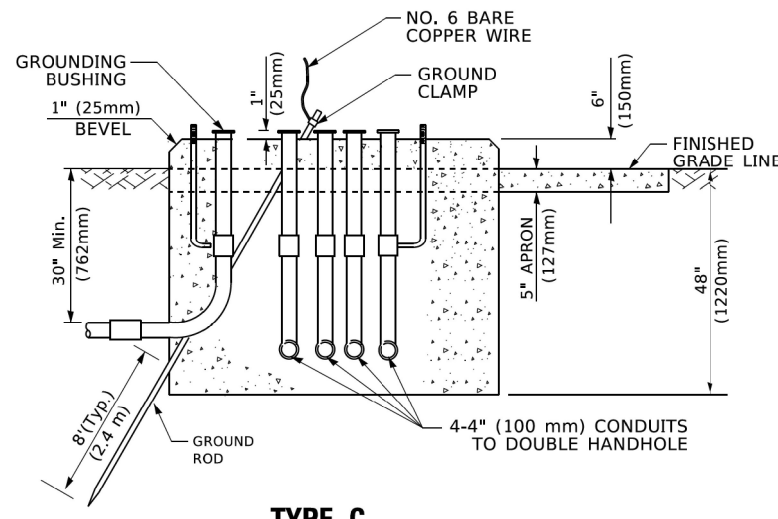


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

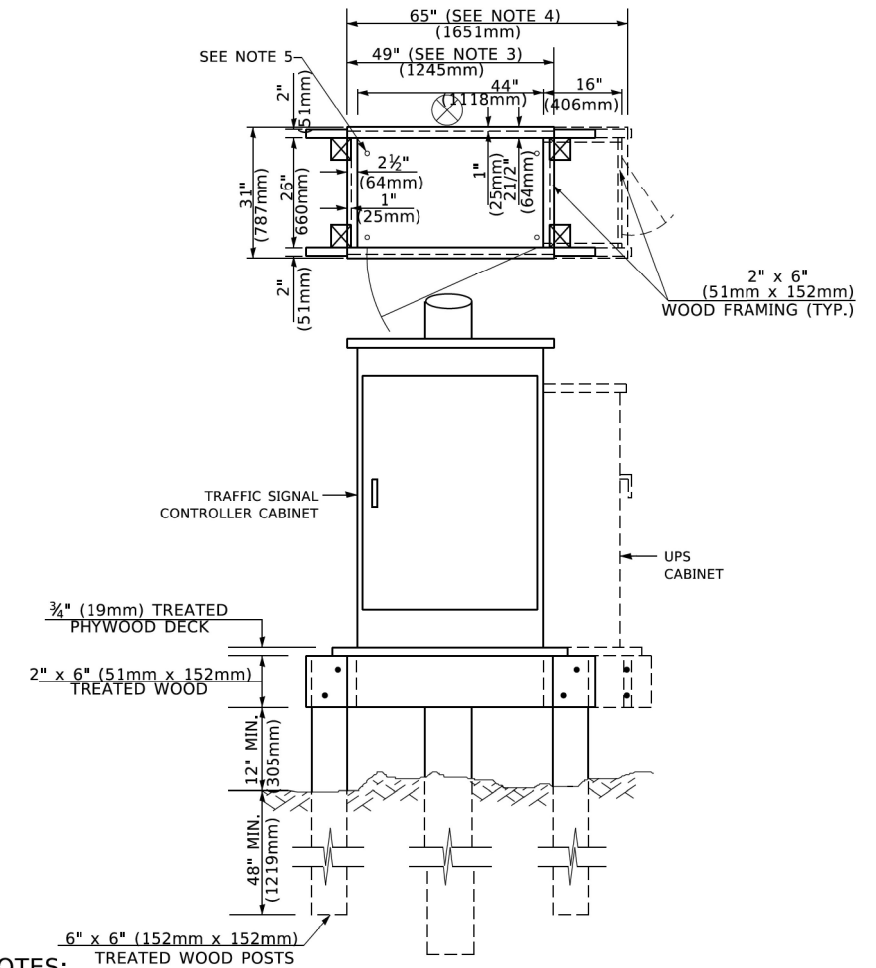


TOP VIEW

NOTE:
TOP OF FOUNDATION SHALL
BE HIGHER THAN TOP OF
DOUBLE HANDHOLE



**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

TS SHT NO. 5

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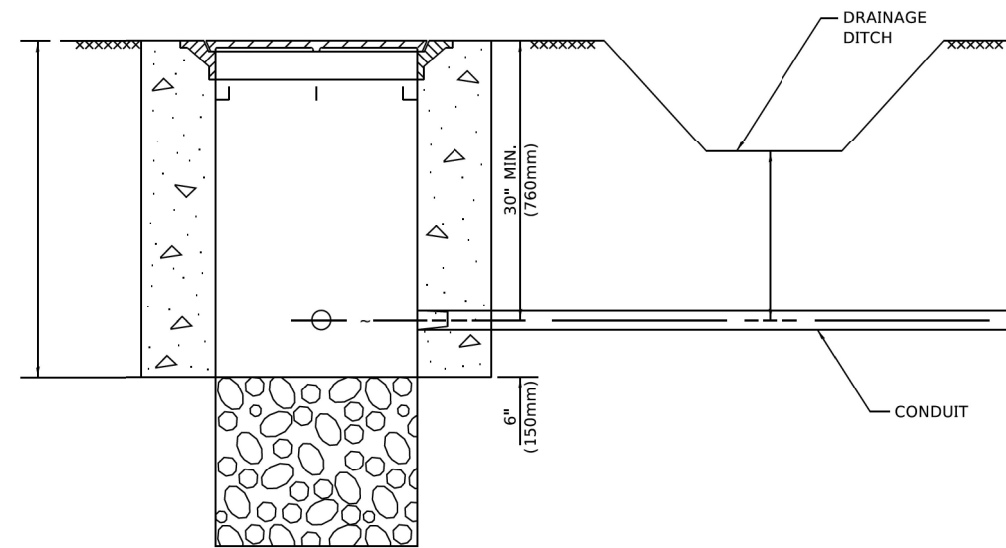
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

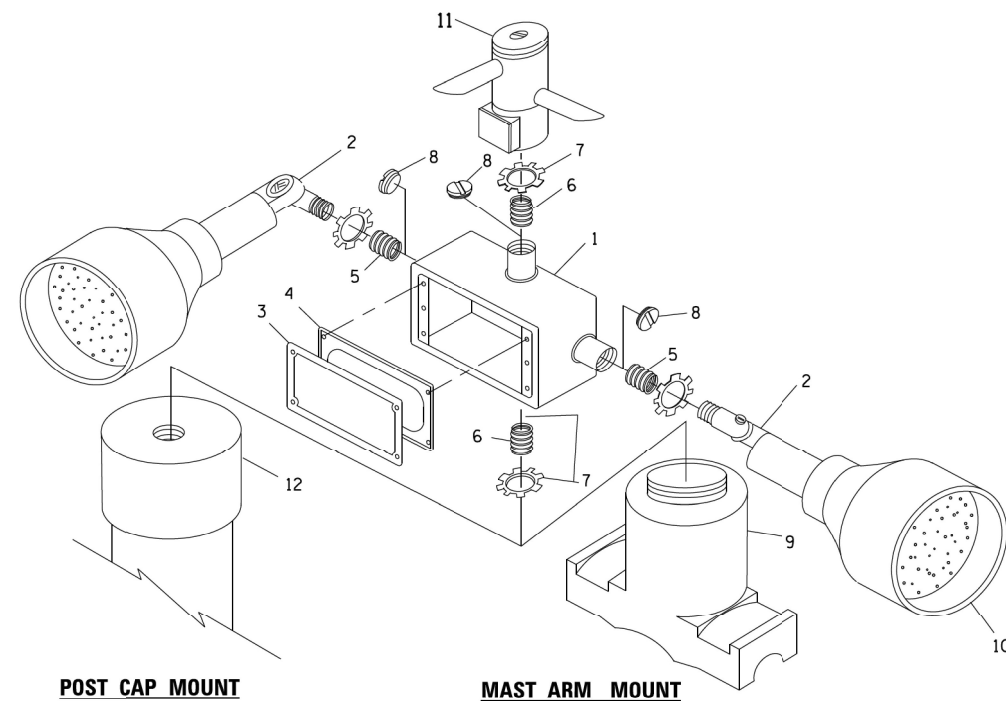
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-173-SW	COOK	52	40
CONTRACT NO. 62P94			ILLINOIS FED. AID PROJECT	



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.

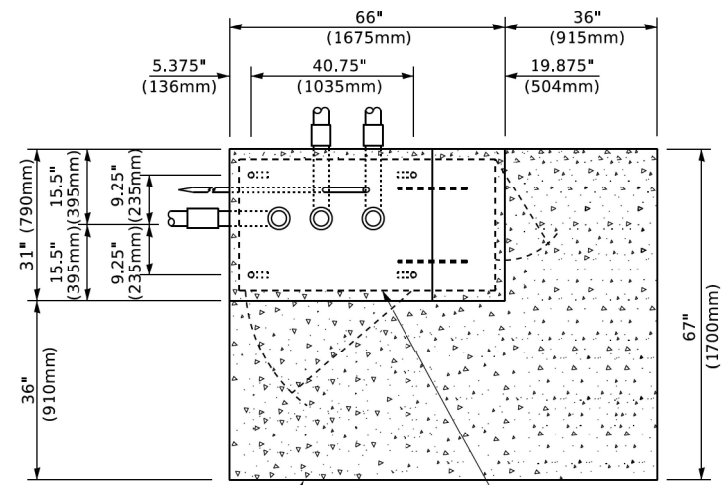
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



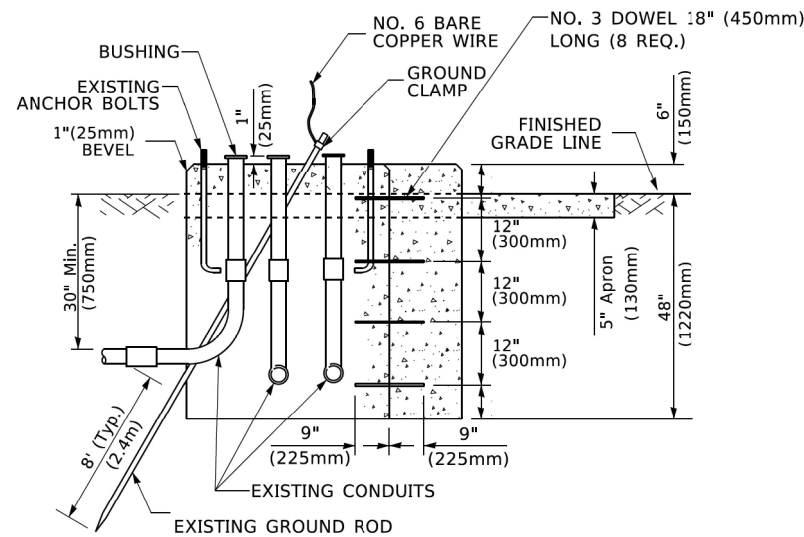
POST CAP MOUNT

MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



TOP VIEW
(NOT TO SCALE)

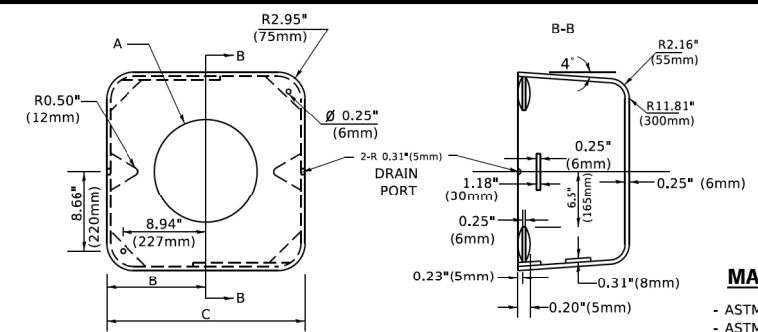


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

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)

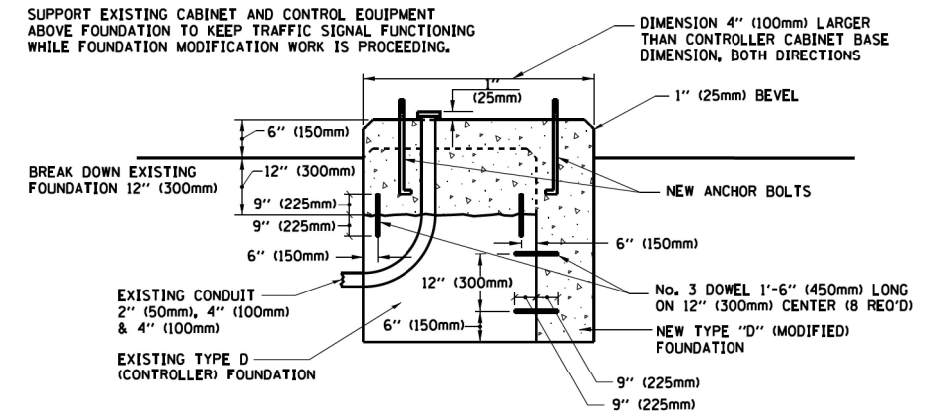
SHROUD

NOTES:

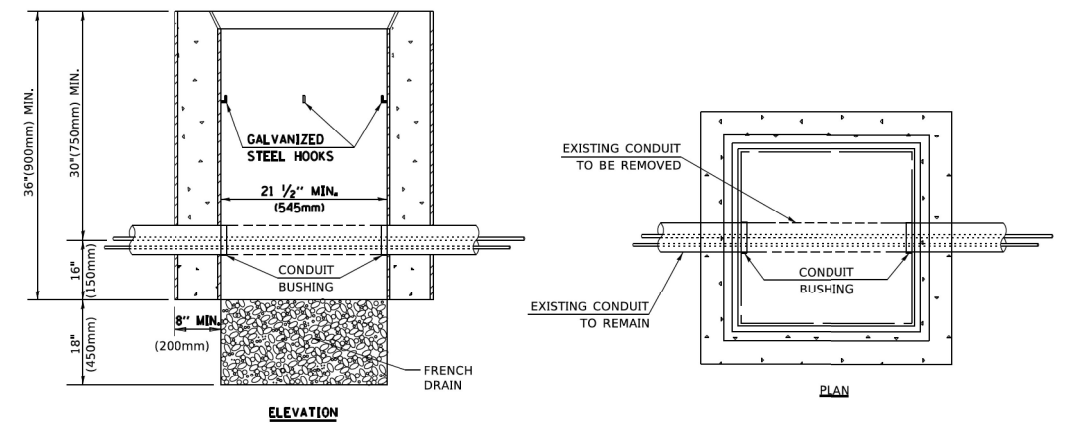
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

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



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

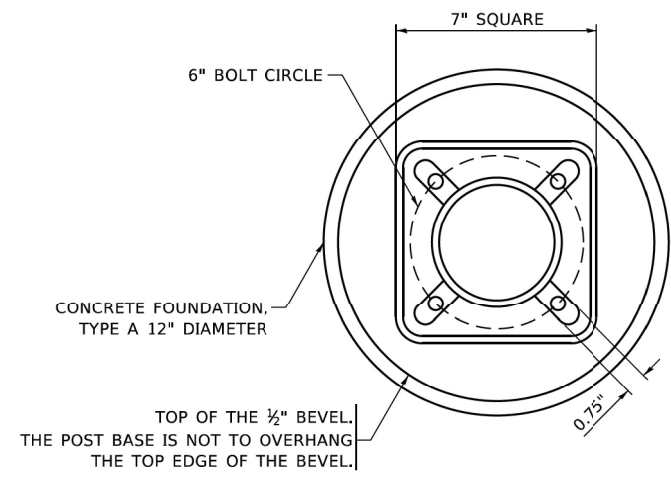
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/20/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

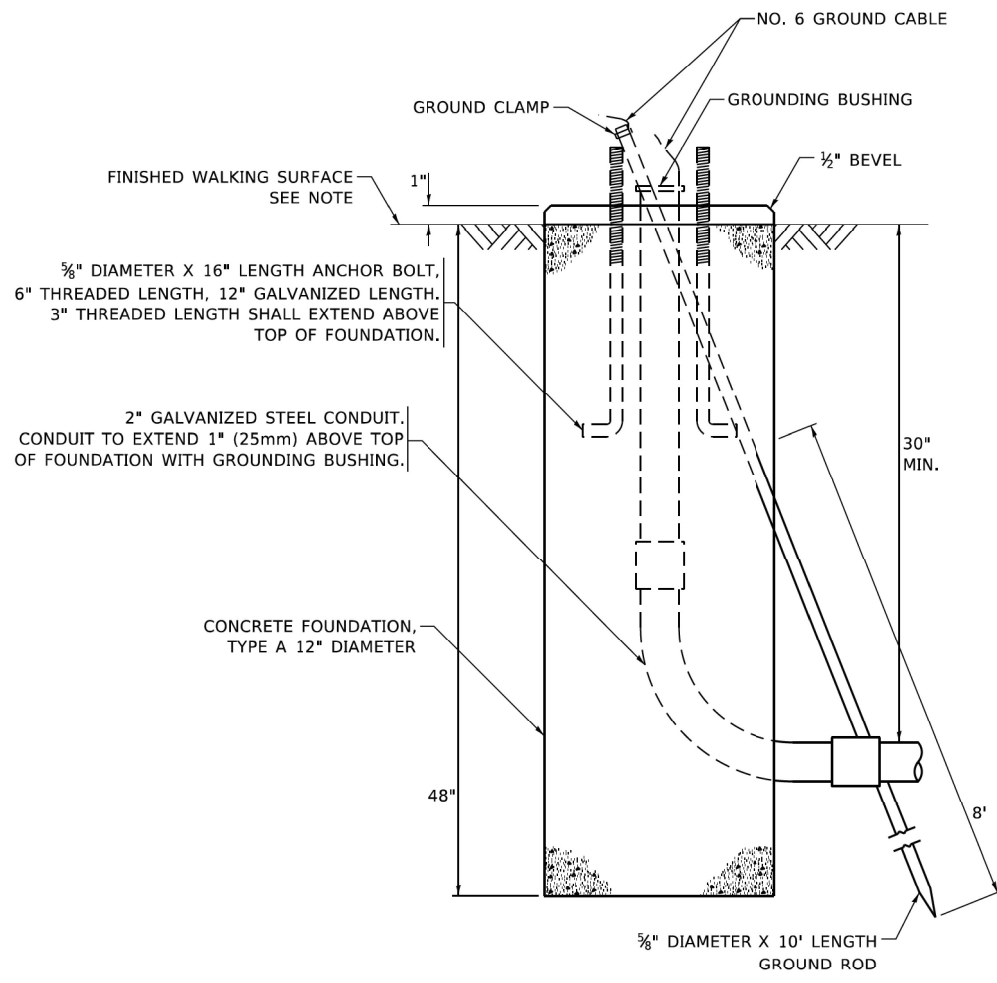
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-173-SW	COOK	52	41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62P94	

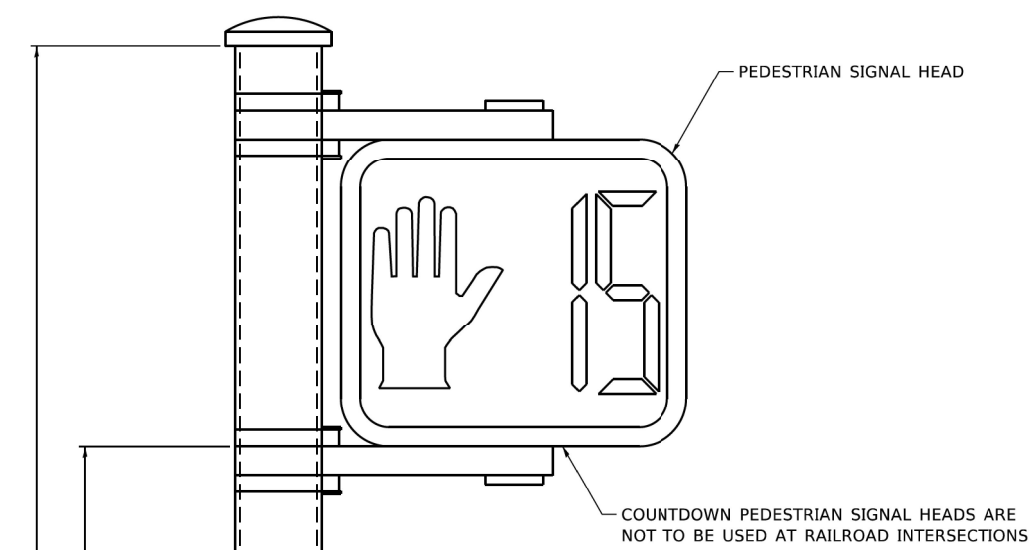


BOLT PATTERN

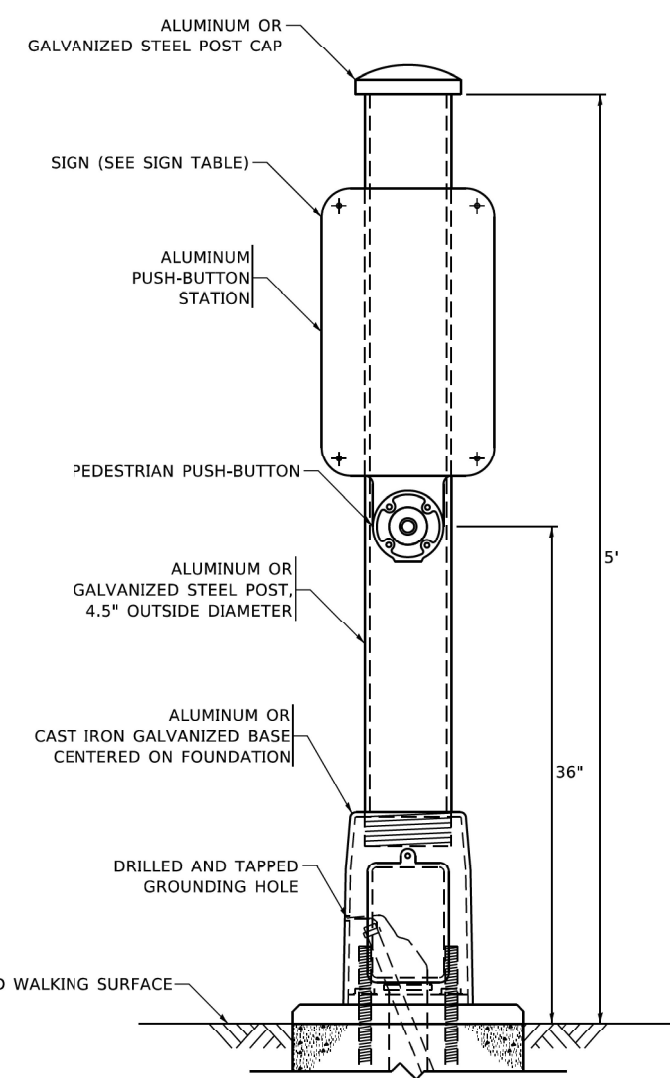
NOTE:
 1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



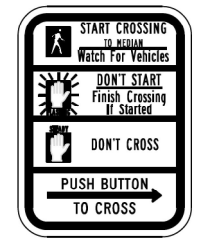
PEDESTRIAN SIGNAL POST, 10 FT.



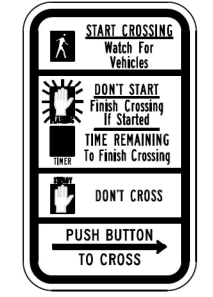
PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

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

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.

TS SHT NO. 7

MODEL Path: C:\Share\projects\DOT_PFB_204\010.D1_APS_PROJECT_MANAGEMENT\112083 - NO. 6 - New_Tier_Touring\CAD\Sheet Files\162794.D1_TS_Standards.dgn
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PLOT DATE = 6/20/2024	CHECKED -	REVISED -
	DATE -	REVISED -

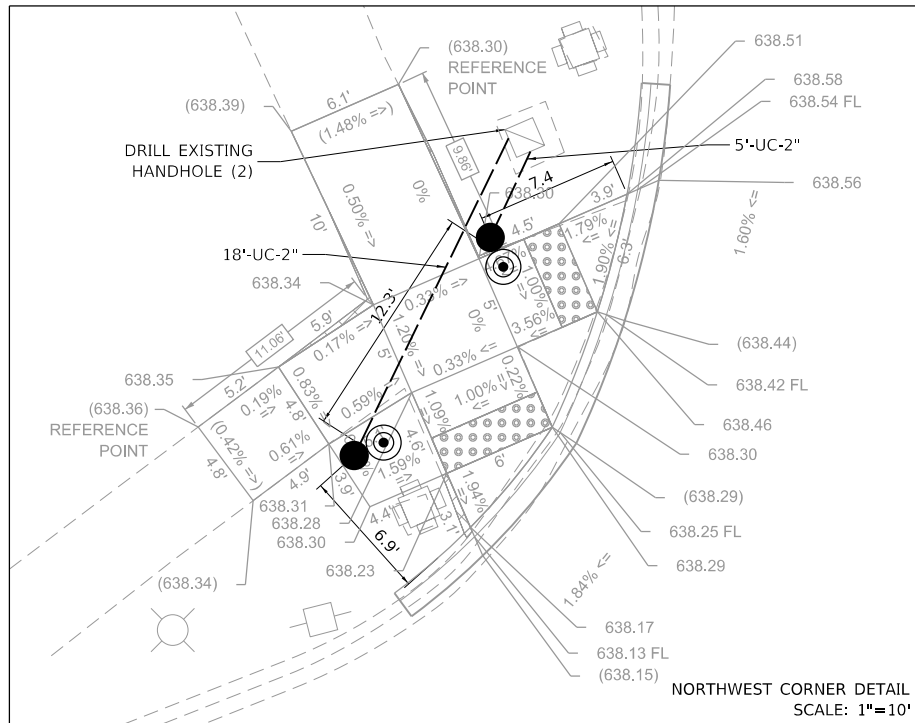
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-173-SW	COOK	52	42
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

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NORTHWEST CORNER DETAIL
 SCALE: 1"=10'

NOTES:

ALL PROPOSED PUSH-BUTTONS SHALL BE APS.

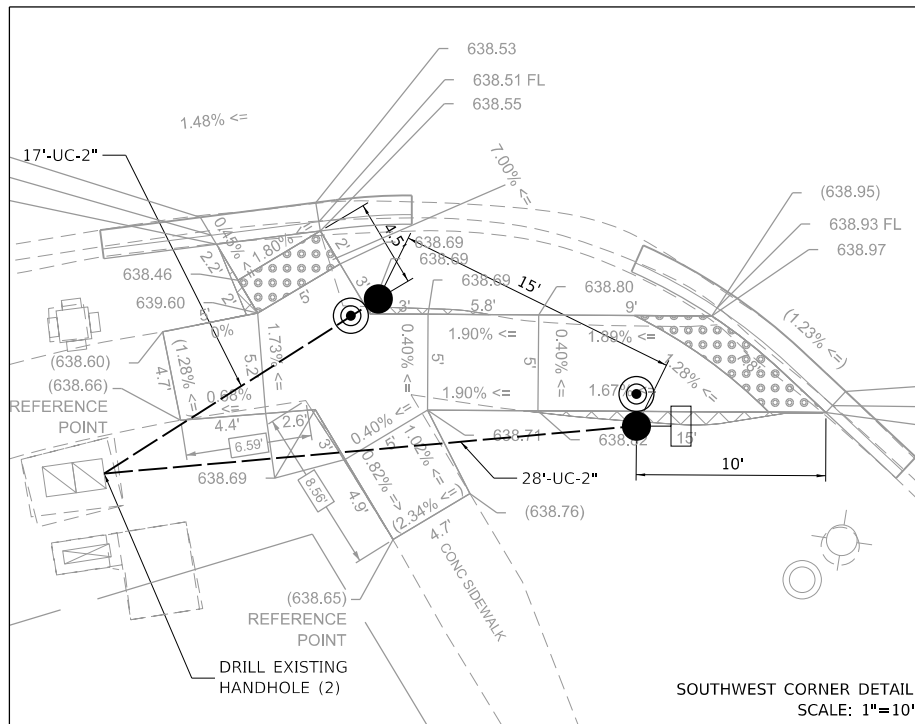
ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.

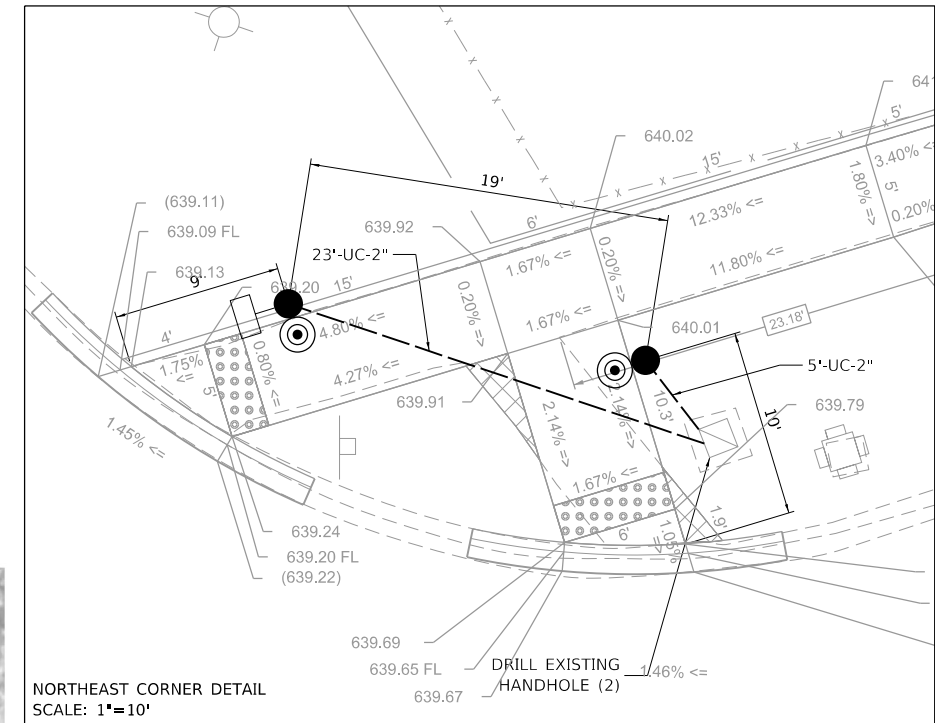
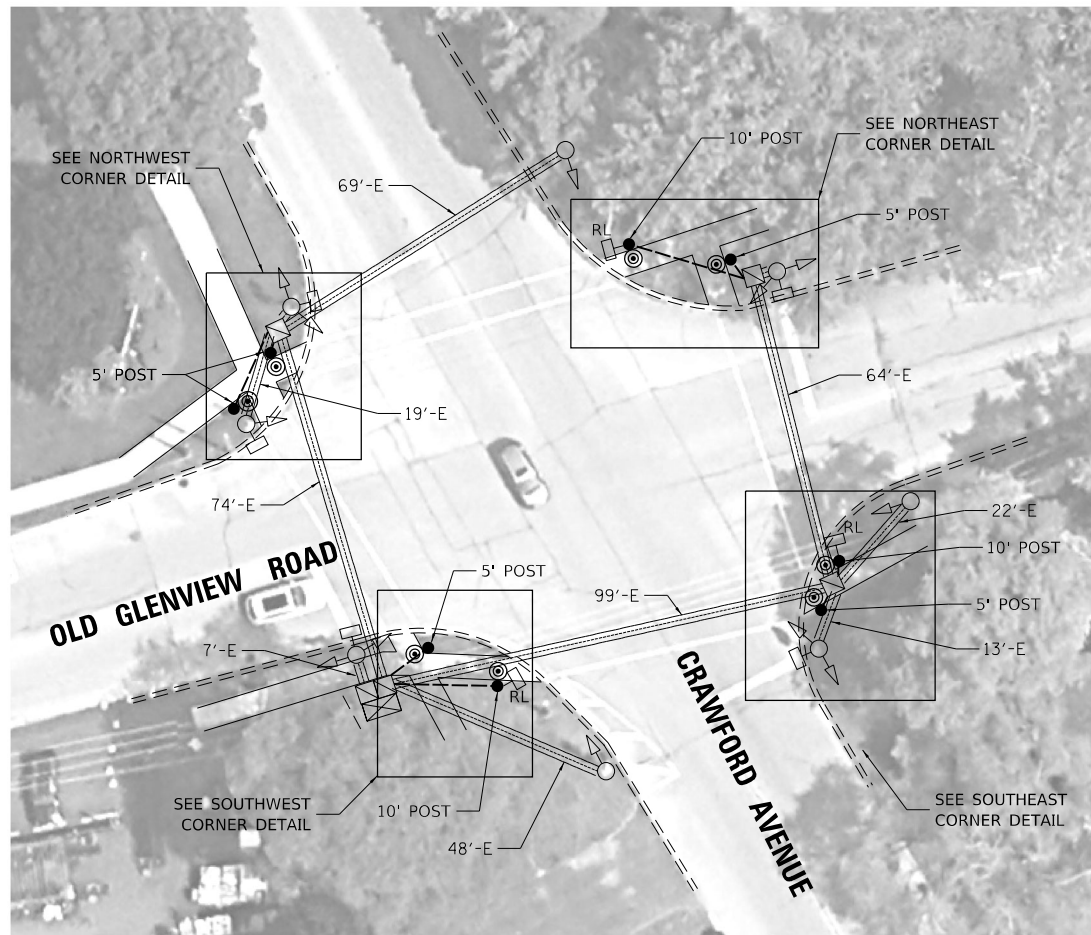
CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.

APS PUSH-BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

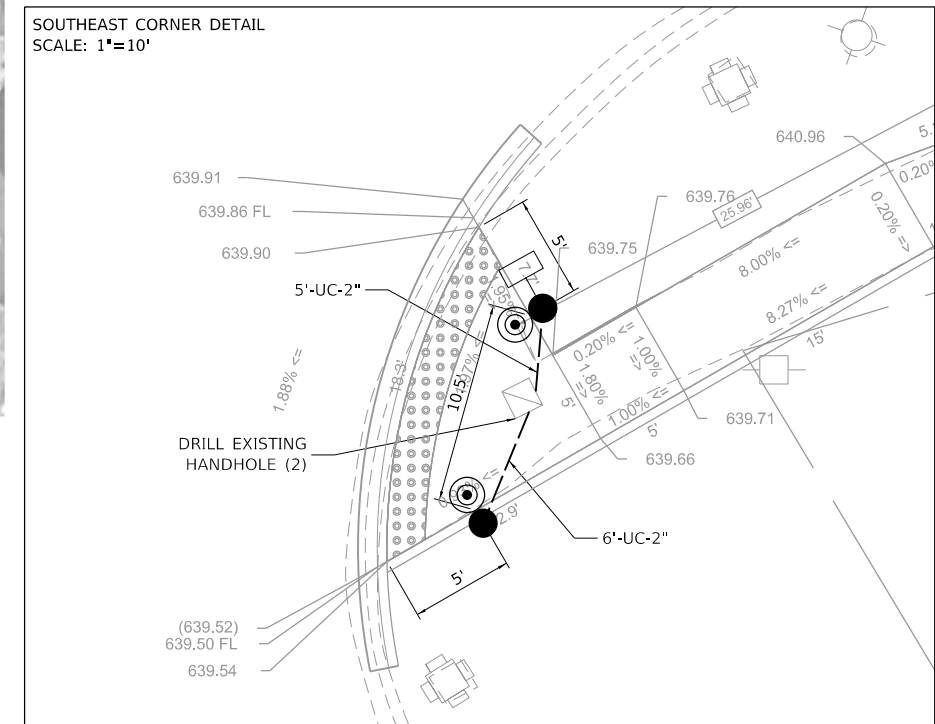
SIDWALK CURB SHALL BE CUT FOR TRAFFIC SIGNAL POSTS PLACED WITHIN THE CURB LINE SUCH THAT THE PEDESTRIAN PUSH-BUTTON IS FLUSH WITH THE EDGE OF THE SIDEWALK.



SOUTHWEST CORNER DETAIL
 SCALE: 1"=10'



NORTHEAST CORNER DETAIL
 SCALE: 1"=10'



SOUTHEAST CORNER DETAIL
 SCALE: 1"=10'



USER NAME = bfunk	DESIGNED - BF	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - BF	REVISED -
PLOT DATE = 9/18/2024	CHECKED - AG	REVISED -
	DATE - 9/18/24	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

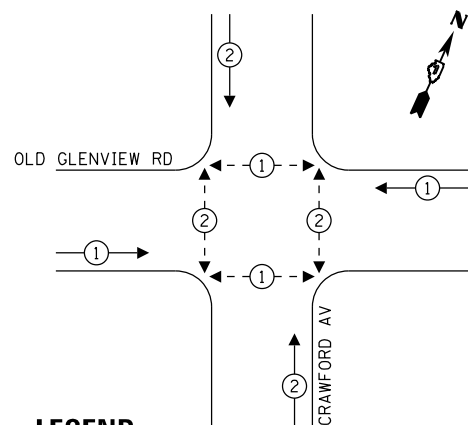
**APS INSTALLATION PLAN
 OLD GLENVIEW ROAD AND CRAWFORD AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-173-SW	COOK	52	43
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62P94	

TS 13560

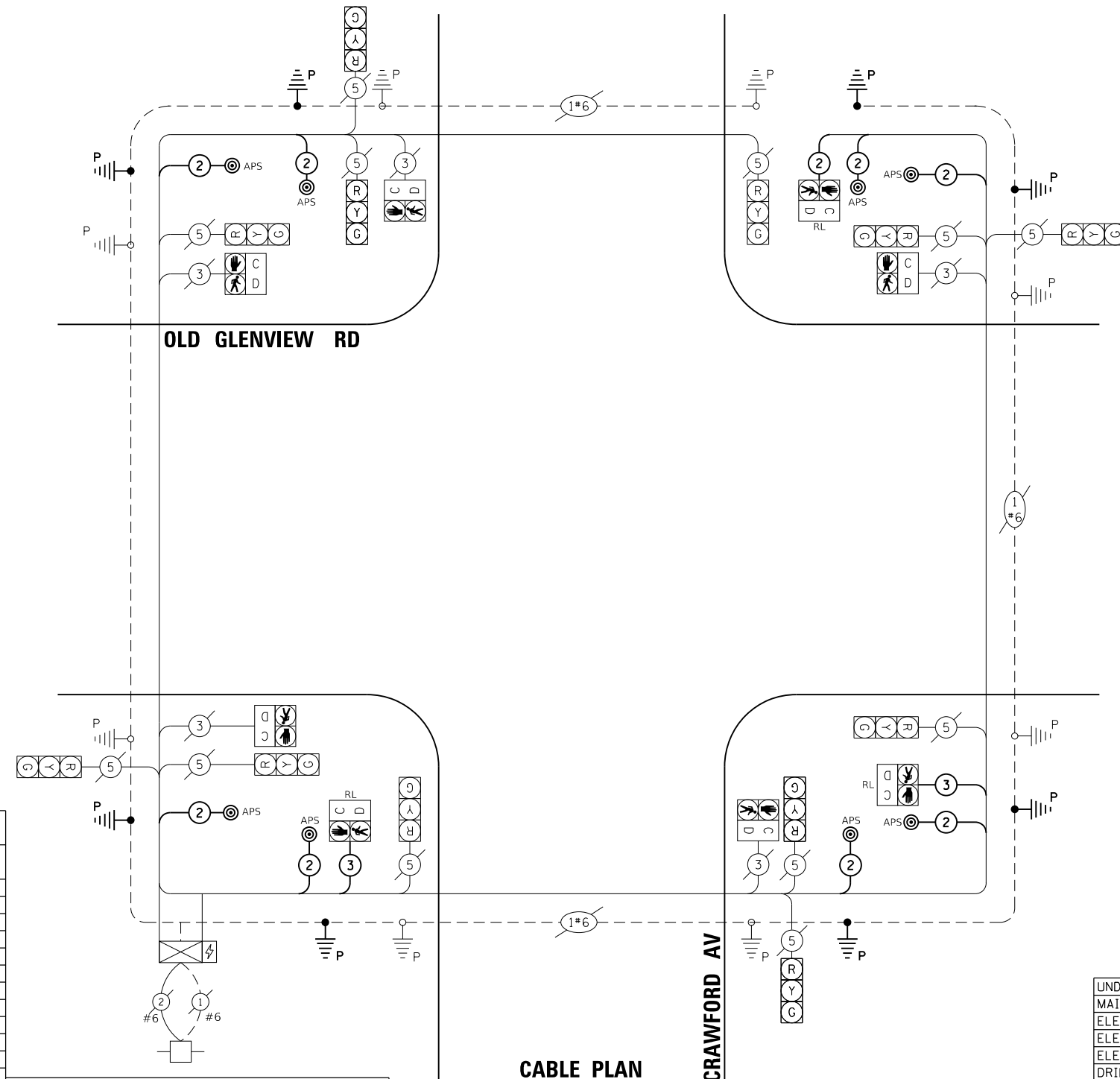
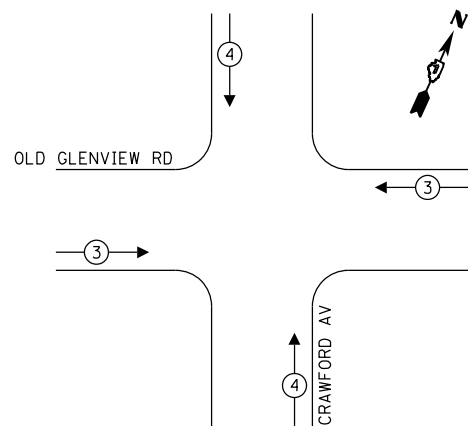
EXISTING CONTROLLER SEQUENCE



LEGEND:

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

**EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



CABLE PLAN
(NOT TO SCALE)

ENERGY COSTS - BILLED TO:
CITY OF EVANSTON
2100 RIDGE AVENUE
EVANSTON, IL 60201

ENERGY SUPPLY: CONTACT: AXL DAVIS
PHONE: 773-231-2969
COMPANY: COMED
ACCOUNT NUMBER: 04590-93148

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS			
TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	12	132
	4-SECTION	-	-
	5-SECTION	-	-
PROGRAMMABLE	3-SECTION	-	-
	4-SECTION	-	-
	5-SECTION	-	-
PEDESTRIAN SIGNAL CONTROLLER	8	15	120
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING		427	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		1032	

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	131
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1075
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	450
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	212
DRILL EXISTING HANDHOLE	EACH	8
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	3
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	438
* ROD AND CLEAN EXISTING CONDUIT	FOOT	250
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	5
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	32

*NOMINAL QUANTITY TO BE USED AS DIRECTED BY ENGINEER

TS 13560

MODEL: Default; FILE: \\miller\c\share\project\iteris\12083 - New_Tier_Traffic_Signals\CADD\Sheet_Files\162P94_Old_Glenview_Cable_SHT.dgn



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PLOT SCALE = 100.0000' / in.
PLOT DATE = 9/18/2024

DESIGNED - BF
DRAWN - BF
CHECKED - AG
DATE - 9/18/24

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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

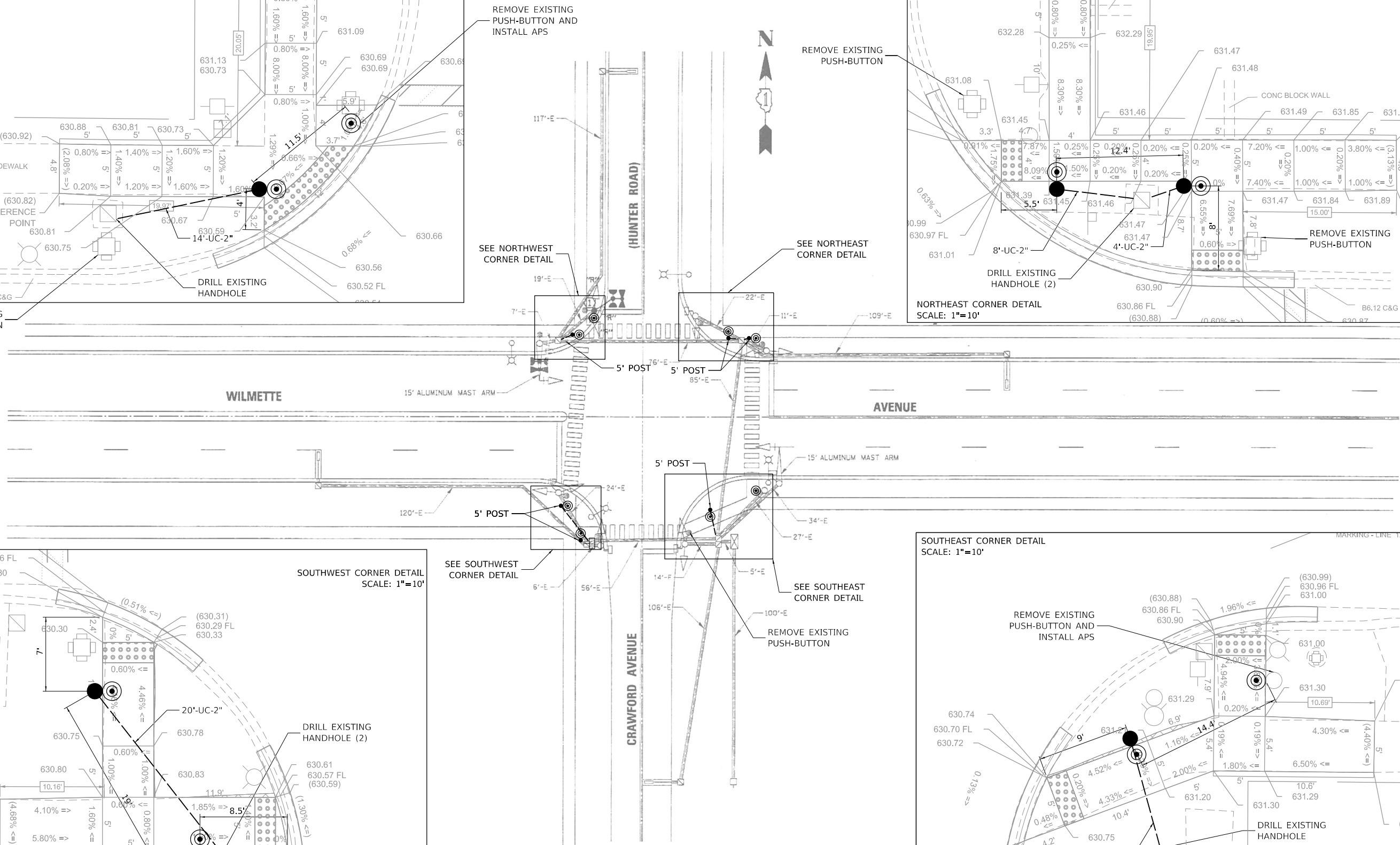
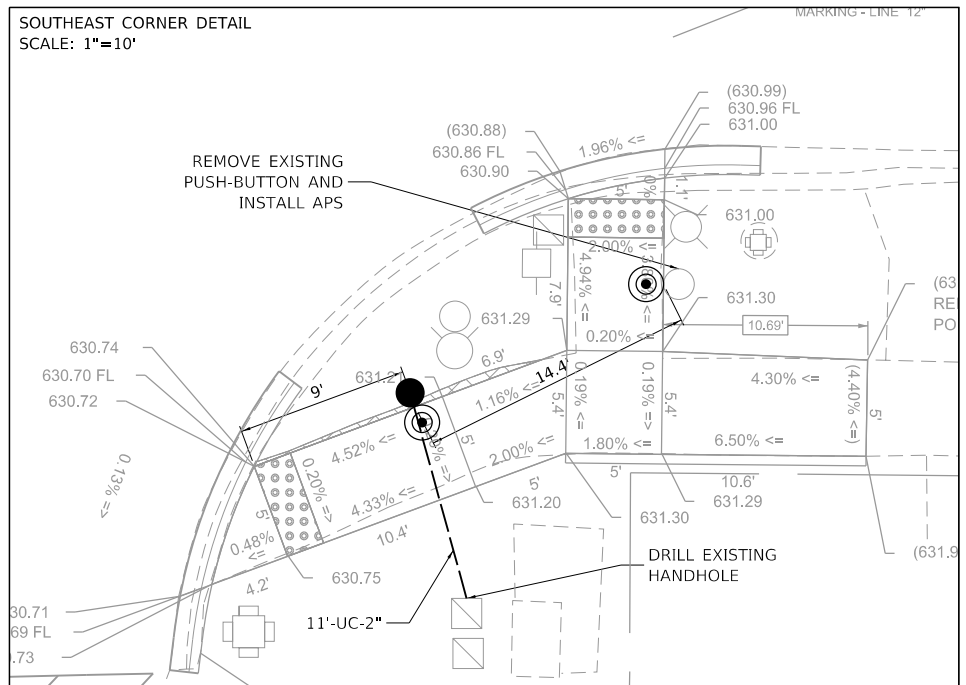
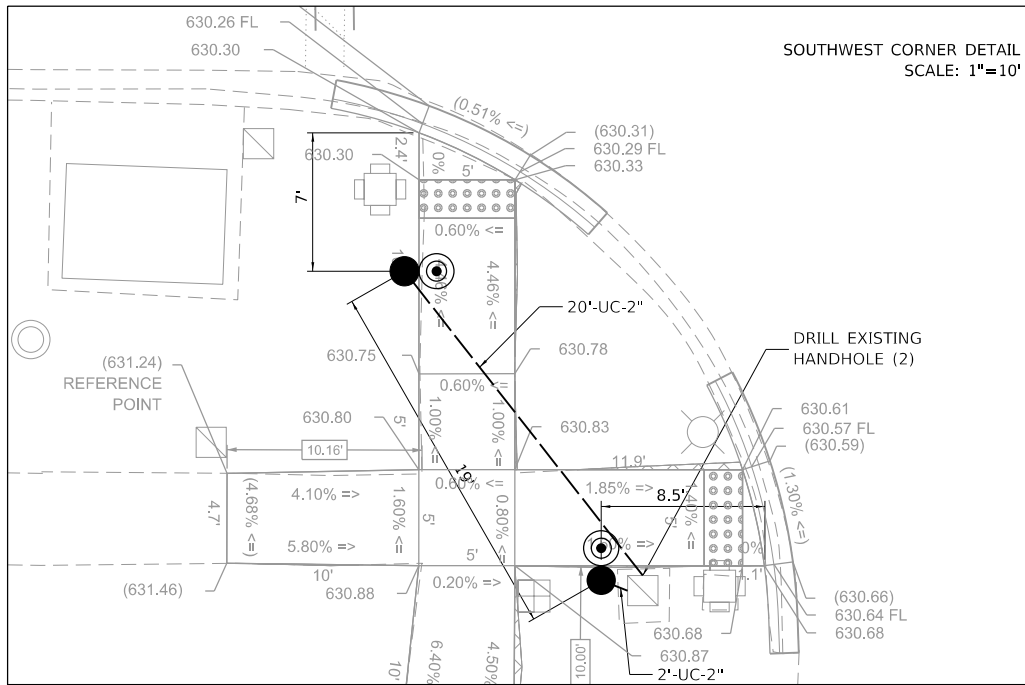
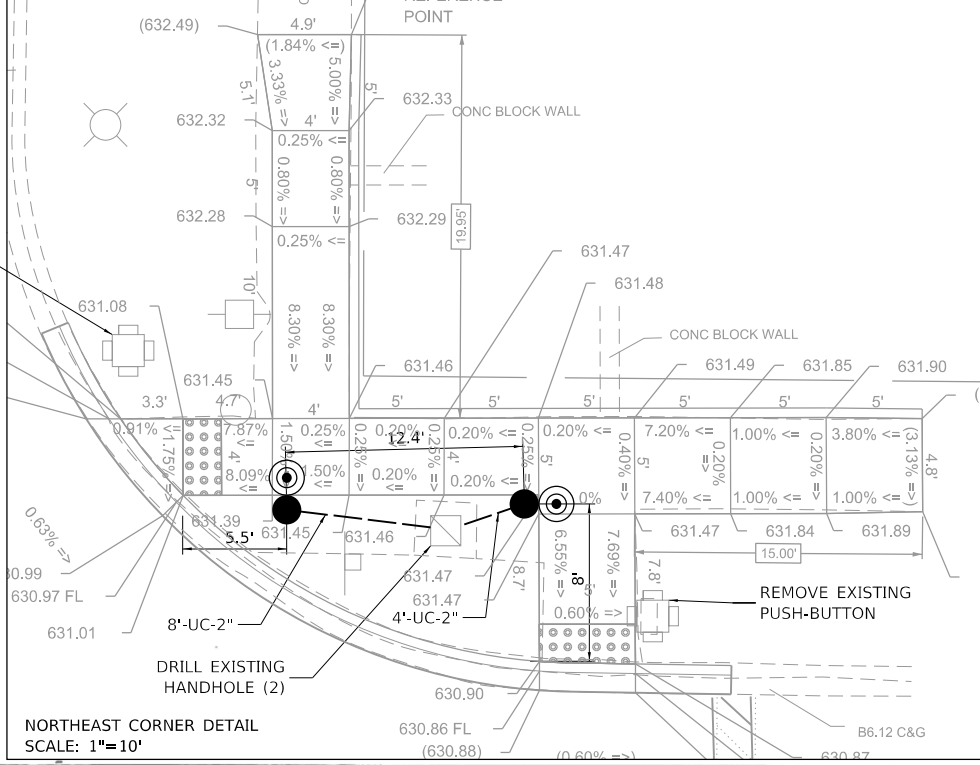
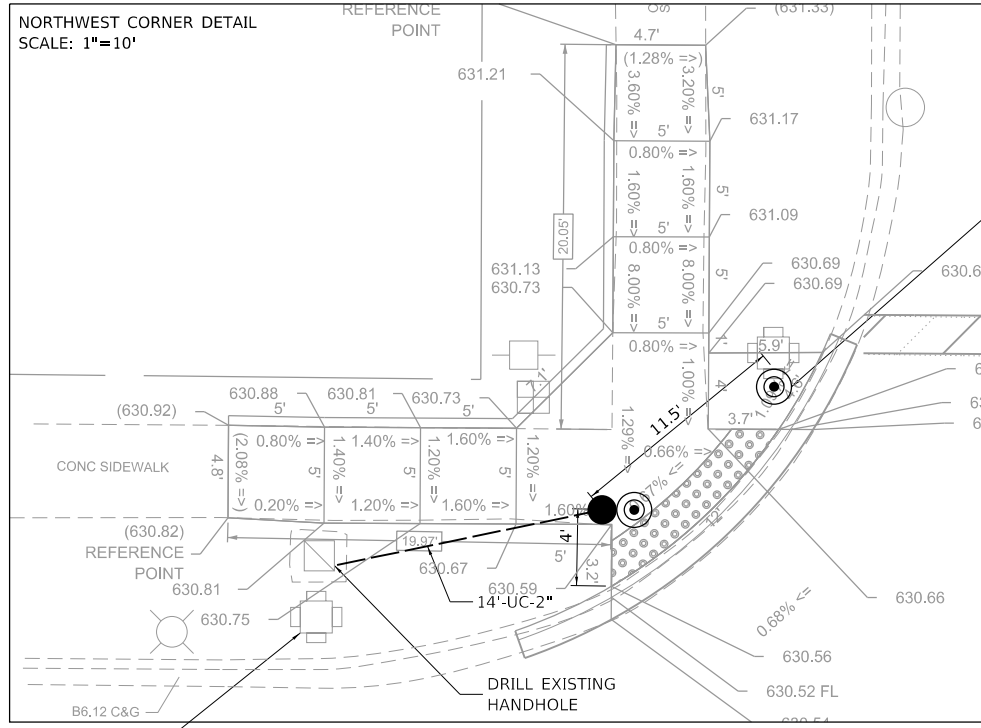
TRAFFIC SIGNAL CABLE PLAN
OLD GLENVIEW ROAD AND CRAWFORD AVENUE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-173-SW	COOK	52	44

CONTRACT NO. 62P94
ILLINOIS FED. AID PROJECT

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SEE NOTES AND REMOVAL NOTES ON CABLE PLAN



USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AG	REVISED -
PLOT DATE = 9/18/2024	DATE - 9/18/24	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

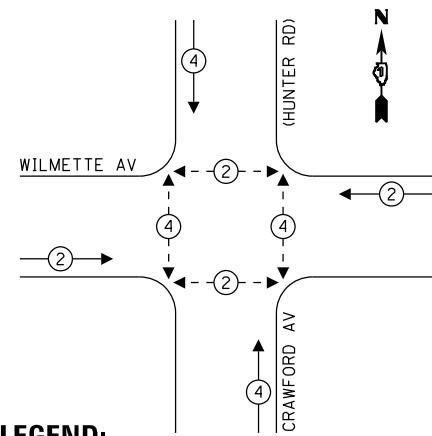
APS INSTALLATION PLAN
 WILMETTE AVENUE AND CRAWFORD AVENUE / HUNTER ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-173-SW	COOK	52	45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62P94	

TS 4950

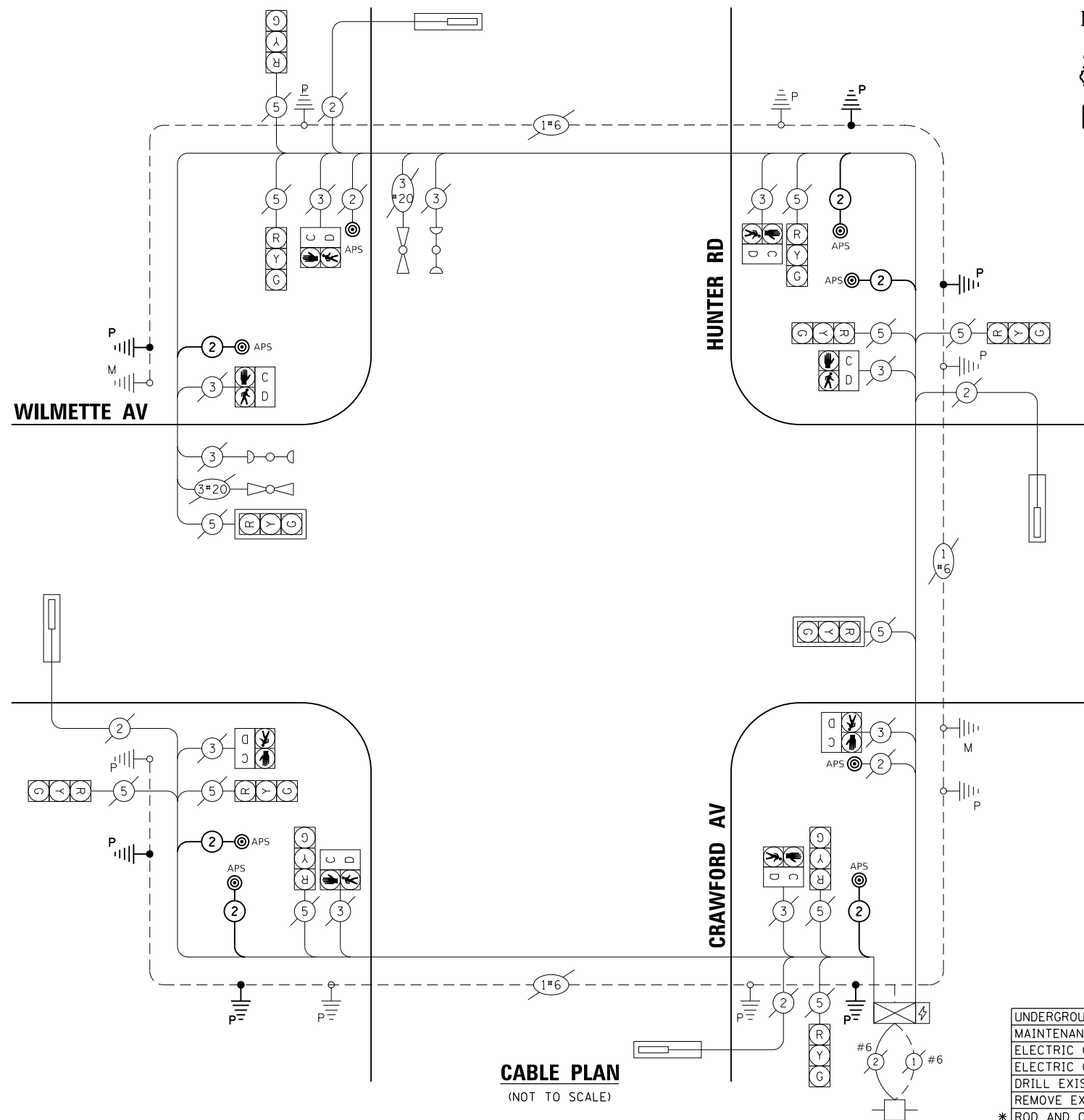
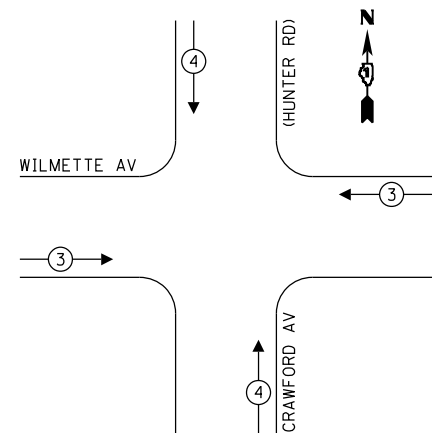
EXISTING CONTROLLER SEQUENCE



LEGEND:

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

**EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR OWN EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

8 EACH PEDESTRIAN PUSH-BUTTON

NOTES:

- ALL PROPOSED PUSH-BUTTONS SHALL BE APS.
- ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
- CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
- APS PUSH-BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
- WHERE TRAFFIC SIGNAL EQUIPMENT IS REMOVED THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
- SIDEWALK CURB SHALL BE CUT FOR TRAFFIC SIGNAL POSTS PLACED WITHIN THE CURB LINE SUCH THAT THE PEDESTRIAN PUSH-BUTTON IS FLUSH WITH THE EDGE OF THE SIDEWALK.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	77
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	724
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	135
DRILL EXISTING HANDHOLE	EACH	6
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
* ROD AND CLEAN EXISTING CONDUIT	FOOT	250
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	6
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	24

*NOMINAL QUANTITY TO BE USED AS DIRECTED BY ENGINEER

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS			
TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	12	11
	4-SECTION	-	14
	5-SECTION	-	13
PROGRAMMABLE	3-SECTION	-	22
	4-SECTION	-	32
	5-SECTION	-	28
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING		427	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		1032	

ENERGY COSTS - BILLED TO:
VILLAGE OF WILMETTE
1200 WILMETTE AVE
WILMETTE, IL 60091

ENERGY SUPPLY: CONTACT: AXL DAVIS
PHONE: 773-231-2969
COMPANY: COMED
ACCOUNT NUMBER: 98520-29003

CABLE PLAN
(NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
WILMETTE AVENUE AND CRAWFORD AVENUE (HUNTER ROAD)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-173-SW	COOK	52	46
CONTRACT NO. 62P94				
ILLINOIS FED. AID PROJECT				

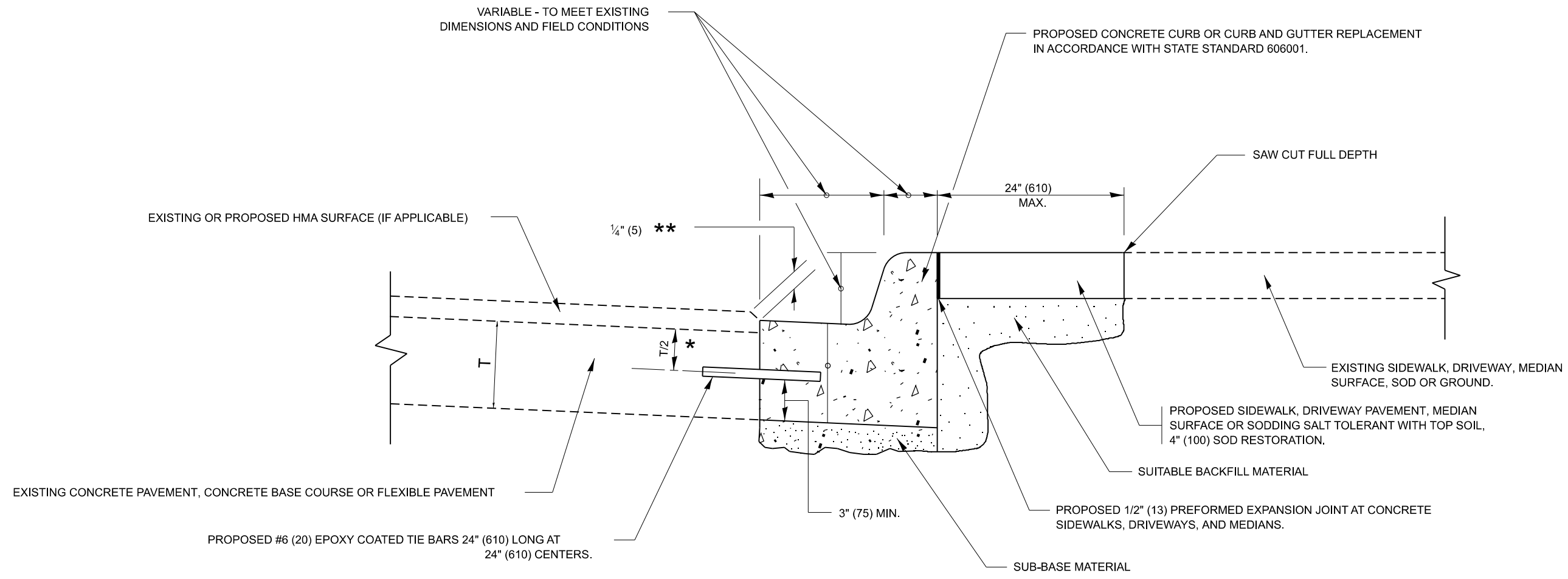
TS 4950

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PLOT DATE = 9/18/2024	CHECKED - AG	REVISED -
	DATE - 9/18/24	REVISED -

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

USER NAME = eric.l.thomas	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED - M. GOMEZ 01-22-01
PLOT DATE = 8/30/2023	DATE - 03-11-94	REVISED - R. BORO 12-15-09
		REVISED - K. SMITH 07-11-19

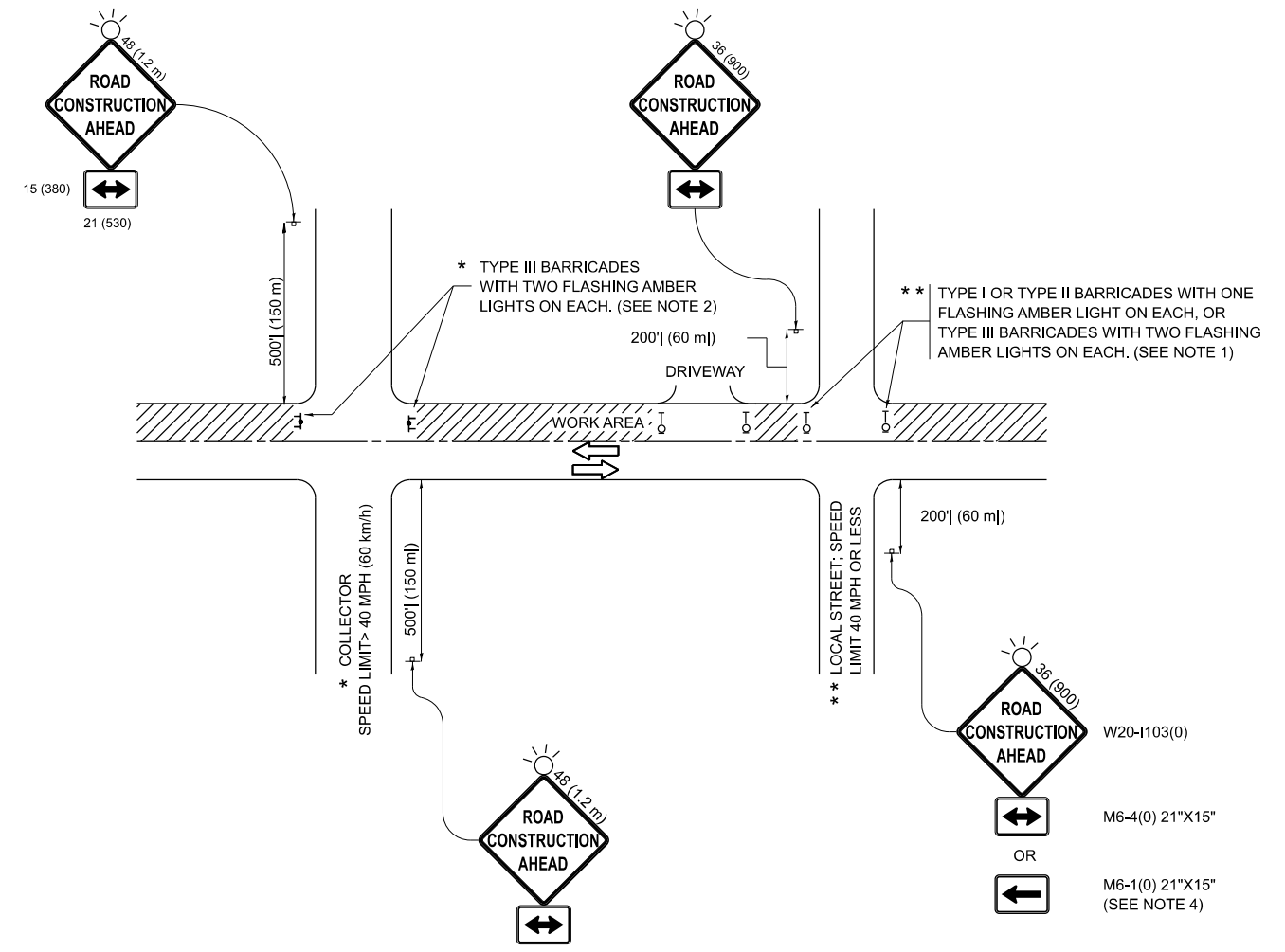
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	47
BD600-06 (BD-24)			CONTRACT NO. 62P94	
ILLINOIS FED. AID PROJECT				

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NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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.

USER NAME = eric.l.thomas	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 0.16666633" / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 8/30/2023	DATE - 06-89	REVISED - A. SCHUETZE 09-15-06
		REVISED - D. SENDERAK 05-03-24

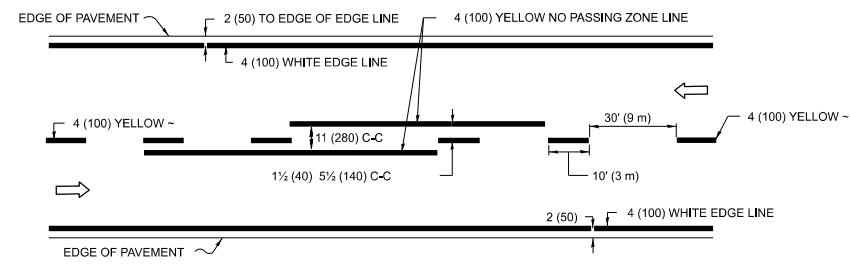
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

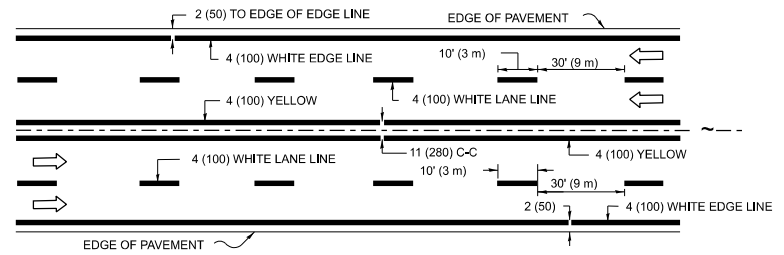
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	48
TC-10			CONTRACT NO. 62P94	
ILLINOIS FED. AID PROJECT				

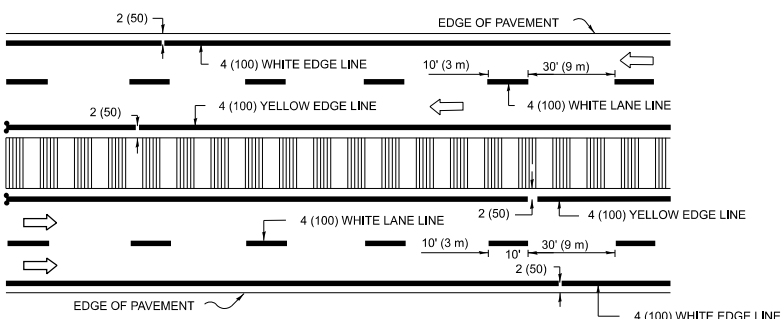
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2-LANE ROADWAY

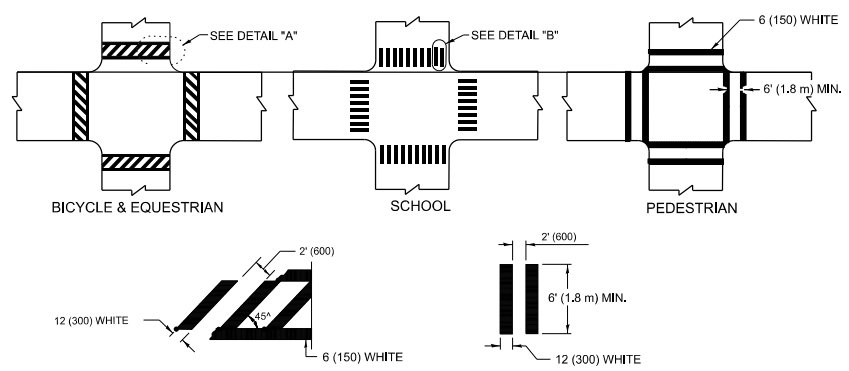


MULTI-LANE UNDIVIDED



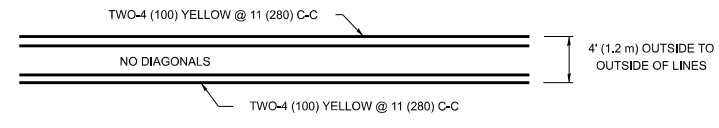
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

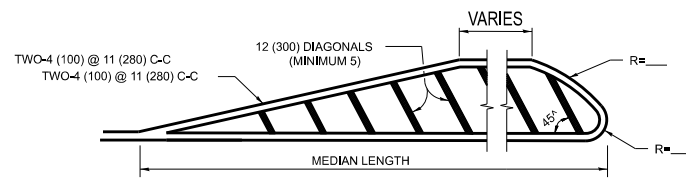


DETAIL "A" TYPICAL CROSSWALK MARKING

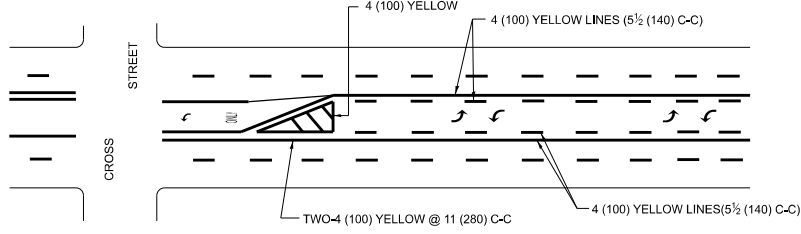
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



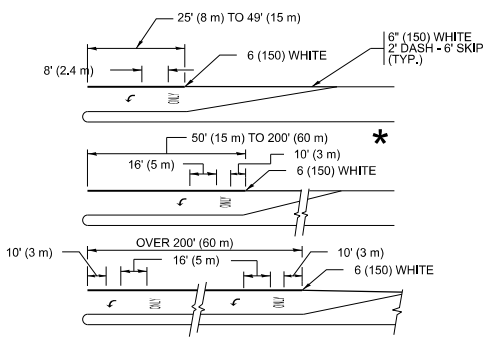
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

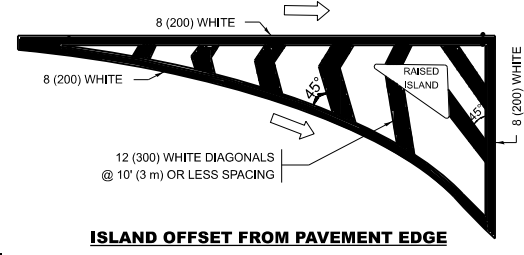


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

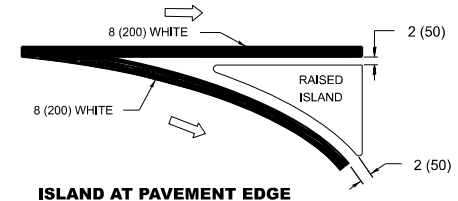


TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING

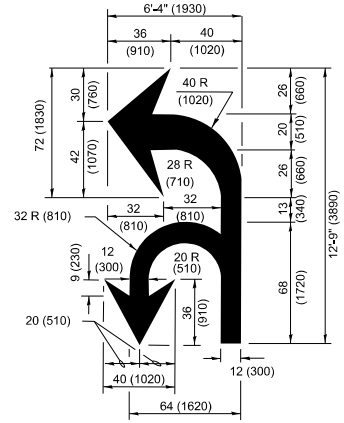
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



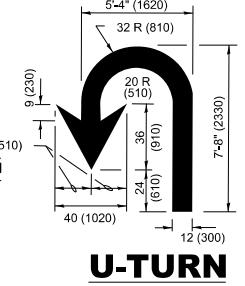
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 15 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

USER NAME = eric.l.thomas	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
DRAWN -	REVISOR - C. JUCIUS 07-01-13	
PLOT SCALE = 0.16666633" / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 8/30/2023	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.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	49
TC-13		CONTRACT NO. 62P94		
		ILLINOIS FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

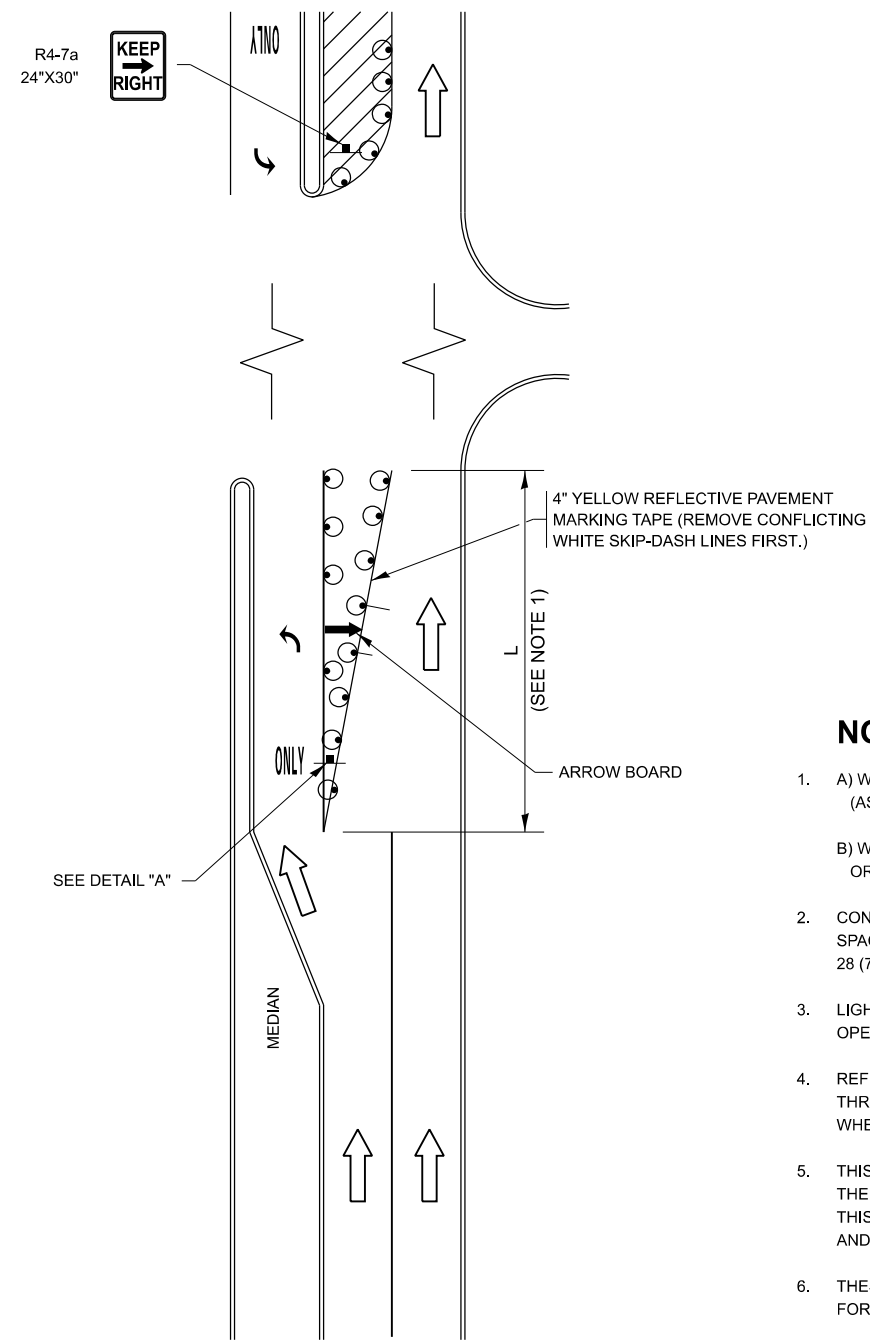


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

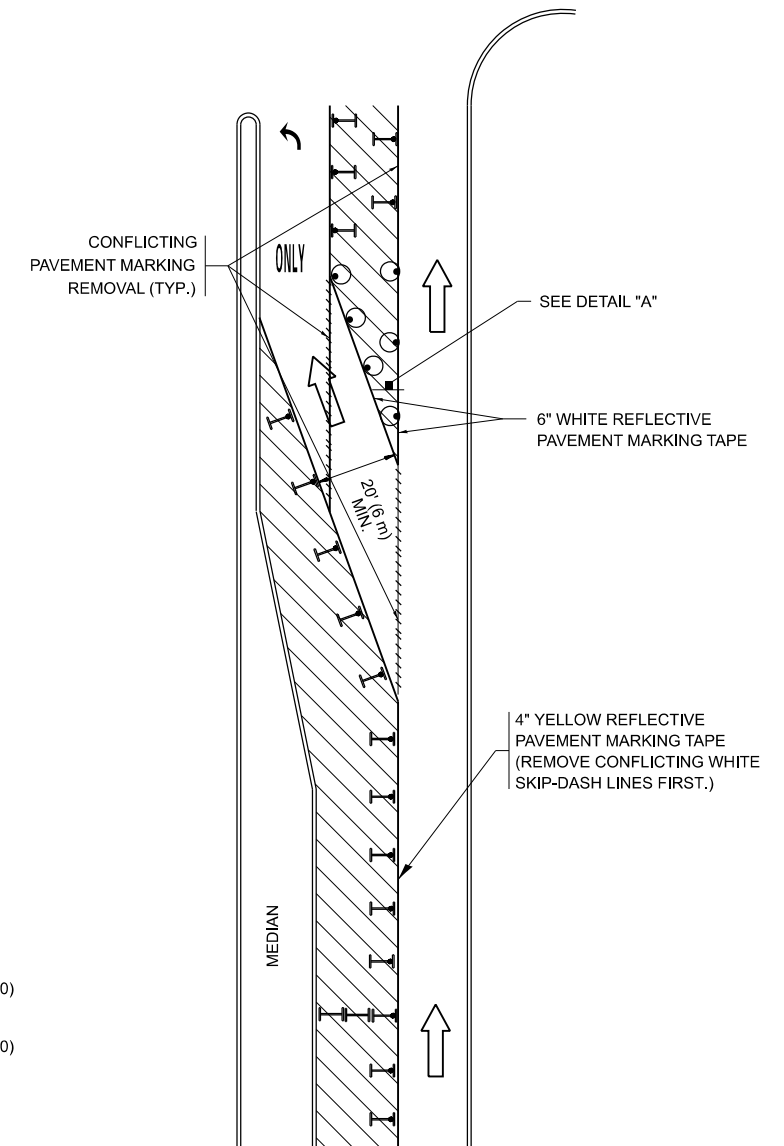


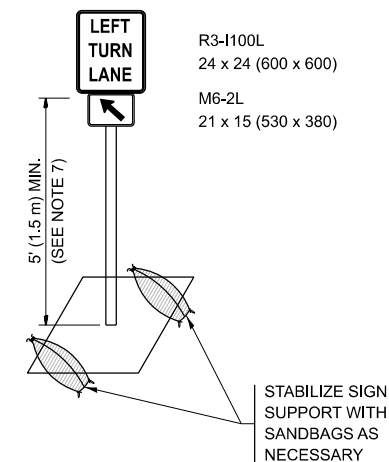
FIGURE 2

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" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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USER NAME = eric.l.thomas	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 0.16666633' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 8/30/2023	DATE - T. RAMMACHER 01-06-00	REVISED -

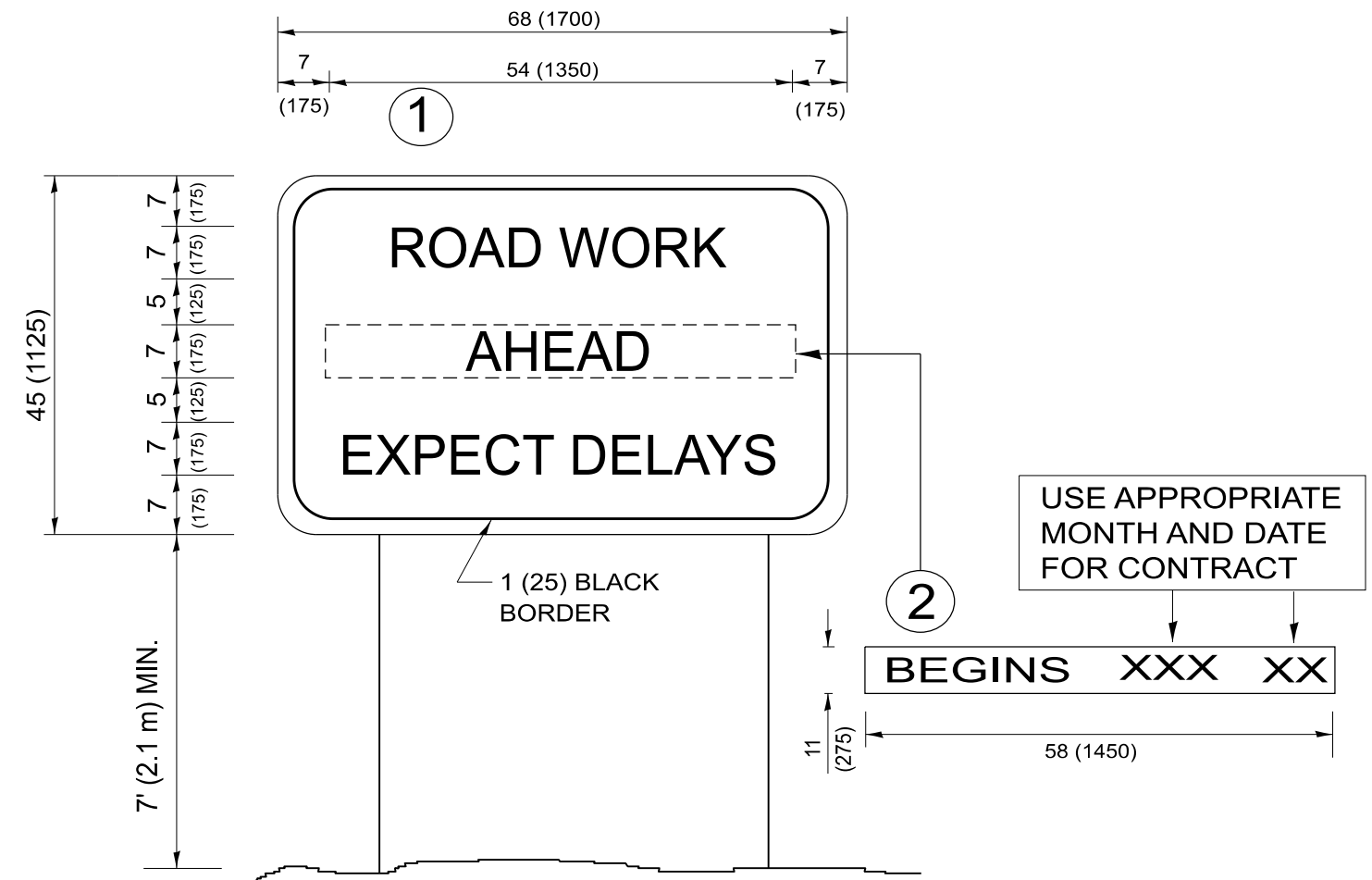
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	50
TC-14		CONTRACT NO. 62P94		
ILLINOIS FED. AID PROJECT				

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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.

USER NAME = eric.l.thomas	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 0.16666633 1/In.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 8/30/2023	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
 INFORMATION SIGN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	51
TC-22			CONTRACT NO. 62P94	
ILLINOIS FED. AID PROJECT				

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USER NAME = Farhan.Tariq	DESIGNED -	REVISED - FT, 9/25/2024
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / In.	CHECKED -	REVISED -
PLOT DATE = 9/25/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

VARIOUS ROUTES - VARIOUS LOCATIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-173-SW	COOK	52	52
			CONTRACT NO. 62P94	
		ILLINOIS	FED. AID PROJECT	