

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21 00065 00-BT	COOK	35	1
		ILLINOIS	CONTRACT NO. 61H69	

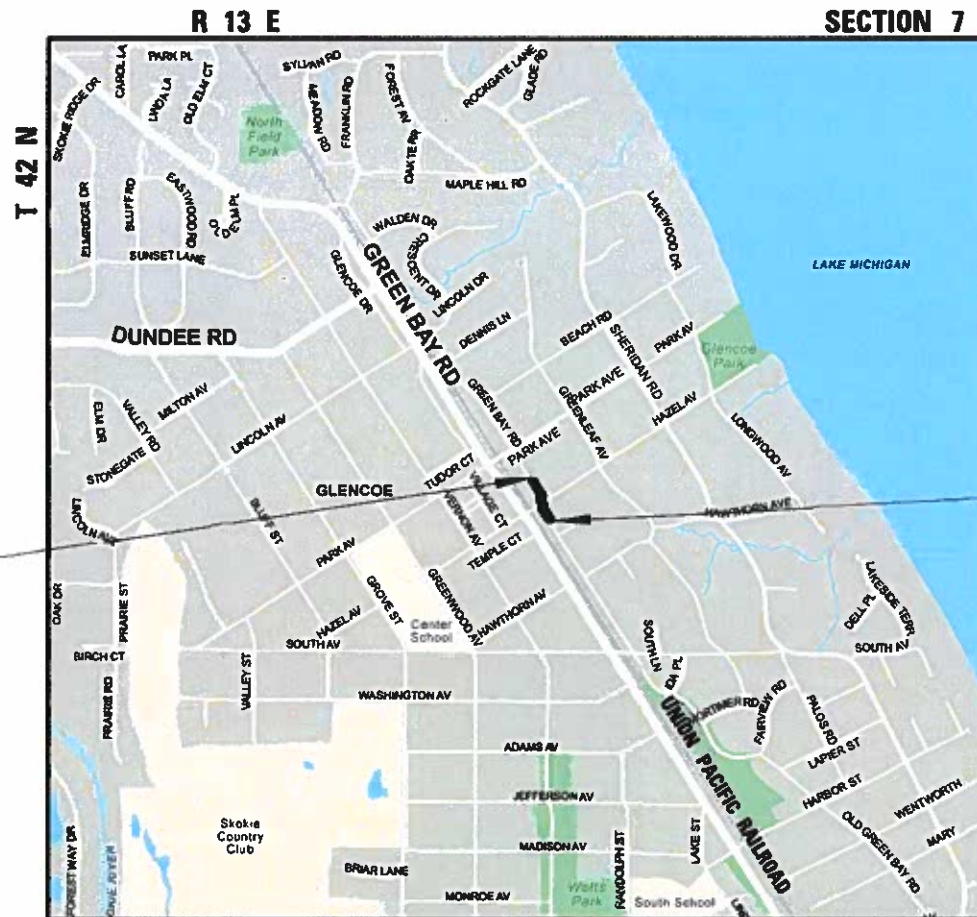
PROPOSED HIGHWAY PLANS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ROUTE N/A
GREEN BAY TRAIL AT HAZEL AVENUE
SECTION 21-00065-00-BT
PROJECT NO. 8WYN(211)
SHARED-USE PATH RECONSTRUCTION
COOK COUNTY
C-91-132-22



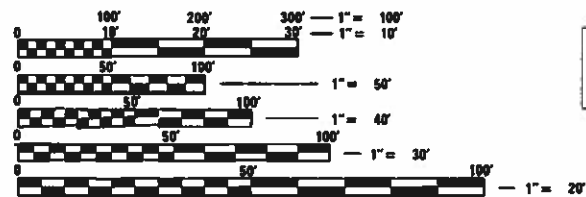
DESIGN DESIGNATION: LOCAL ROAD OR STREET
HAZEL AVENUE
2022 AADT = 250
DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH



LOCATION MAP
NOT TO SCALE

END PROJECT
STA. 17 + 16.85

BEGIN PROJECT
STA. 13 + 00.00



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

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

LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 400 FT. = 0.076 MILE
NET LENGTH = 400 FT. = 0.076 MILE



Martin L. Michalowicz
ENGINEER DATE
MARTIN L. MICHALOWICZ
ILLINOIS REGISTRATION No. 062-059502
EXPIRATION DATE: 11/2023

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<i>Janey S...</i> 4/2/2022 VILLAGE OF GLENCOE
PASSED	<i>April 18 2022</i> C. Haden DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS
RELEASING FOR BID BASE ON LIMITED REVIEW	<i>April 18 2022</i> Joe Rios REGIONAL ENGINEER

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OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, LIST OF DISTRICT DETAILS, HIGHWAY STANDARDS, GENERAL NOTES
3 - 7	SUMMARY OF QUANTITIES
8	TYPICAL SECTIONS
9	ALIGNMENT, TIES, AND BENCHMARKS
10	EXISTING CONDITIONS AND REMOVAL PLANS
11	PROPOSED PLAN
12	PROPOSED PROFILE
13	MAINTENANCE OF TRAFFIC/DETOUR
14	PROPOSED SIGNAGE AND PAVEMENT MARKING PLAN
15 - 20	ELECTRICAL SHEETS
21 - 25	STRUCTURAL SHEETS
26	BORING LOGS
27 - 31	DISTRICT DETAILS / STANDARDS
32 - 35	CROSS SECTIONS

DISTRICT 1 DETAILS

DETAIL NO.	DESCRIPTION
BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACING PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

INDEX OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS
442201-03	CLASS C AND D PATCHES
602301-04	INLET - TYPE A
604001-05	FRAME AND LIDS TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
641006-01	SIGHT SCREEN WOOD PLANK FENCE TYPE P
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-ROAD OPERATIONS, 2L, 2W, DAY ONLY
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
836001-04	LIGHT POLE FOUNDATION

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "DETAILS" IN THE PLANS, THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022 EDITION OF "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2022 EDITION AND JUNE 2014 REVISION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), THE AMERICANS WITH DISABILITIES ACT OF 1990 ACCESSIBILITY GUIDELINES, THE "DRAFT" REHABILITATION ACT OF 1973 (SECTION 504), AND THE LATEST PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES.
- THE CONTRACTOR SHALL COMPLY WITH ALL RULES AND REGULATIONS OF OSHA DURING CONSTRUCTION OF IMPROVEMENTS AND RESTORATION. NEITHER THE VILLAGE, DEPARTMENT, NOR THE APPOINTED ENGINEER SHALL BE RESPONSIBLE FOR THE CONTRACTOR'S COMPLIANCE WITH OSHA.
- THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.
- THE CONTRACTOR SHALL BE RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THE WORK AREAS DESIGNATED ON THE PLANS. ANY DAMAGE TO AREAS OUTSIDE OF THESE LIMITS SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL RELOCATE OR REMOVE AND REPLACE SIGNS THAT INTERFERE WITH CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS. IF EXISTING SIGNS ARE DAMAGED DURING THE REMOVAL AND REPLACEMENT PROCESS, THE SIGN SHALL BE REPLACED.
- AT THE END OF EACH DAY, THE CONTRACTOR SHALL BE RESPONSIBLE TO ASSURE THAT ALL STREETS ADJACENT TO THE PROJECT ARE FREE OF ALL CONSTRUCTION RELATED DEBRIS INCLUDING DIRT, STONE, NAILS, ETC. THE WORK SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AS COORDINATED WITH THE VILLAGE OF GLENCOE.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS: WATER MAIN, SEWERS, GAS LINES, ETC. AS SHOWN ON THE PLANS, HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ONLY REPRESENT THE OPINION OF THE VILLAGE OF GLENCOE AS TO THEIR LOCATIONS. THE PROVIDED LOCATIONS OF EXISTING UNDERGROUND UTILITIES IS GIVEN FOR THE CONVENIENCE OF THE BIDDER. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL JULIE AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48-HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.
- DRAINAGE: DURING THE CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/ DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
- THE CONTRACTOR SHALL INSTALL/MAINTAIN/REMOVE INLET FILTERS IN ALL OPEN LID DRAINAGE STRUCTURES IN THE PAVEMENT THAT ARE WITHIN THE WORK ZONE OR ACCEPT STORMWATER THAT FLOWS OUT OF THE WORK ZONE, AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- AREAS OF PARKWAY RESTORATION ARE SHOWN ON THE PLANS. AREAS DISTURBED BY THE CONTRACTOR BEYOND THOSE SHOWN IN THE PLANS SHALL BE REPAIRED AT NO COST TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.
- SOIL STOCKPILES OR OTHER CONSTRUCTION MATERIALS SHALL NOT BE LOCATED WITHIN THE FLOOD PROTECTION AREA.
- VERTICAL DATUM: NAVD 1988
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

COMMITMENTS

NONE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, LIST OF DISTRICT DETAILS,
LIST OF HIGHWAY STANDARDS, GENERAL NOTES


SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00065-00-BT	COOK	35	2
CONTRACT NO. 61H69				
ILLINOIS FED. AID PROJECT				

USER NAME = mmichalowicz	DESIGNED - MLM	REVISED -
	DRAWN - MLM	REVISED -
PLOT SCALE = 2"	CHECKED - MEK	REVISED -
PLOT DATE = 11/11/2021	DATE - 11/11/2021	REVISED -

S.P.	S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY (80% FEDERAL 20% LOCAL)	CONSTRUCTION CODE	
						CMAP FUNDING	
						80% FED / 20% LOCAL	
						FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	TRAINEES 0042
		20101000	TEMPORARY FENCE	FOOT	250	250	
		20101100	TREE TRUNK PROTECTION	EACH	9	9	
	△	20101200	TREE ROOT PRUNING	EACH	5	5	
		20200100	EARTH EXCAVATION	CU YD	670	670	
		20800150	TRENCH BACKFILL	CU YD	12	12	
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	417	417	
	△	25200100	SODDING	SQ YD	417	417	
	△	25200200	SUPPLEMENTAL WATERING	UNIT	1	1	
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	10	10	
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	508	508	
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	135	135	
		40600990	TEMPORARY RAMP	SQ YD	45	45	
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	25.2	25.2	
		40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	16.8	16.8	
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2045	2045	

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 CHRISTOPHER B. BURKE ENGINEERING, LTD. 6275 W. Higgins Road, Suite 800 Rosemont, Illinois 60018 (617) 825-0020	USER NAME = mmichalowicz	DESIGNED - MLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 2"	CHECKED - MEK	REVISED -						--	21-00065-00-BT	COOK	35	3	
	PLOT DATE = 11/11/2021	DATE - 11/11/2021	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 61H69		
	ILLINOIS FED. AID PROJECT													

S.P.	S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY (80% FEDERAL 20% LOCAL)	CONSTRUCTION CODE	
						CMAP FUNDING	
						FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	TRAINEES 0042
		42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	2525	2525	
		42400800	DETECTABLE WARNINGS	SQ FT	70	70	
		44000100	PAVEMENT REMOVAL	SQ YD	60	60	
		44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	200	200	
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	270	270	
		44000600	SIDEWALK REMOVAL	SQ FT	4220	4220	
		44201682	CLASS D PATCHES, TYPE II, 3 INCH	SQ YD	20	20	
		44201683	CLASS D PATCHES, TYPE III, 3 INCH	SQ YD	20	20	
		50200100	STRUCTURE EXCAVATION	CU YD	155	155	
		50300225	CONCRETE STRUCTURES	CU YD	105	105	
		50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	12965	12965	
	△	50901750	PARAPET RAILING	FOOT	225	225	
	△	50901760	PIPE HANDRAIL	FOOT	100	100	
		550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	30	30	

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CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
8275 W. Higgins Road, Suite 300
Skokie, Illinois 60076
(847) 433-0000

USER NAME = mmichalowicz	DESIGNED - MLM	REVISED -
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PLOT DATE = 11/11/2021	CHECKED - MEK	REVISED -
	DATE - 11/11/2021	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00065-00-BT	COOK	35	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H69	

						CONSTRUCTION CODE	
						CMAP FUNDING	
						80% FED / 20% LOCAL	
S.P.	S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY (80% FEDERAL 20% LOCAL)	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	TRAINEES 0042
		550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	30	30	
		60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	3	3	
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	237	237	
	Δ	64100115	SIGHT SCREEN (WOODEN FENCE), TYPE P 6'	FOOT	135	135	
		67100100	MOBILIZATION	L SUM	1	1	
	Δ	72000100	SIGN PANEL - TYPE 1	SQ FT	88	88	
		72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3	
	Δ	72900100	METAL POST - TYPE A	FOOT	54	54	
	Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	82	82	
	Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	275	275	
	Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	250	250	
	Δ	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	390	390	
	Δ	78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	10	10	
	Δ	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	
*	Δ	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1	

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 <p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 1075 W. Higgins Road, Suite 600 Naperville, Illinois 60563 (630) 334-0000</p>	USER NAME = mmichalawicz	DESIGNED - MLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2"	DRAWN - MLM	REVISED -						-	21-00065-00-BT	COOK	35	5
	PLOT DATE = 11/11/2021	CHECKED - MEK	REVISED -			CONTRACT NO. 61H69				ILLINOIS FED. AID PROJECT			
		DATE - 11/11/2021	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		

S.P.	S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY (80% FEDERAL 20% LOCAL)	CONSTRUCTION CODE	
						CMAP FUNDING	
						80% FED / 20% LOCAL	
						FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	TRAINEES 0042
	△	81028180	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA.	FOOT	350	350	
	△	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	30	30	
	△	81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	290	290	
	△	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1550	1550	
	△	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1200	1200	
	△	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	18	18	
	△	D2003772	EVERGREEN, THUJA OCCIDENTALIS (AMERICAN ARBORVITAE), 6' HEIGHT, BALLED	EACH	8	8	
*		X0300266	WOODEN FENCE REMOVAL	FOOT	35	35	
*		X0321690	BRICK WALL REMOVAL	FOOT	20	20	
*	△	X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	3	3	
*		X0350805	FOLD DOWN BOLLARDS	EACH	1	1	
*		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
*	△	X8050095	SERVICE INSTALLATION (SPECIAL)	EACH	1	1	
*	△	XX006066	SIGN TO BE RELOCATED	EACH	1	1	

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 CHRISTOPHER B. BURKE ENGINEERING, LTD. 2073 W. 142nd Road, Suite 200 Skokie, IL 60076 (708) 424-4000	USER NAME = mmichalowicz	DESIGNED - MLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2"	DRAWN - MLM	REVISED -		---	21-00065-00-BT	COOK	35	6				
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	DATE - 11/11/2021	REVISED -						CONTRACT NO. 61H69					

CONSTRUCTION CODE	
CMAP FUNDING	
80% FED / 20% LOCAL	

S.P.	S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY (80% FEDERAL 20% LOCAL)	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	TRAINEES 0042
*	△	XX008910	PAVEMENT MARKING (SPECIAL)	SQ FT	300	300	
*		Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
*		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	100	100	
*		Z0076600	TRAINEES	HOUR	500		500
*		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500		500

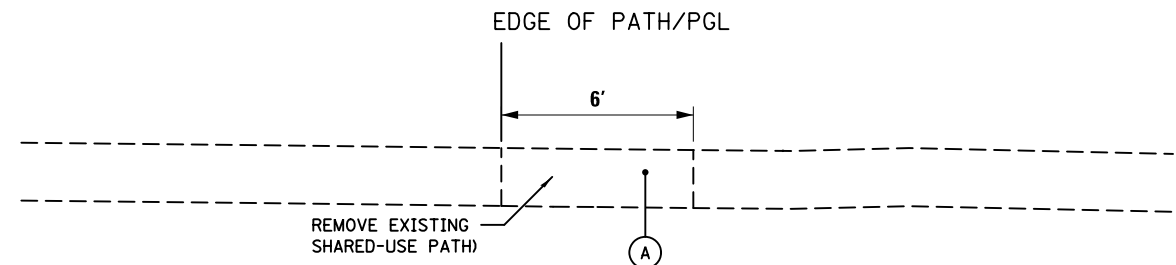
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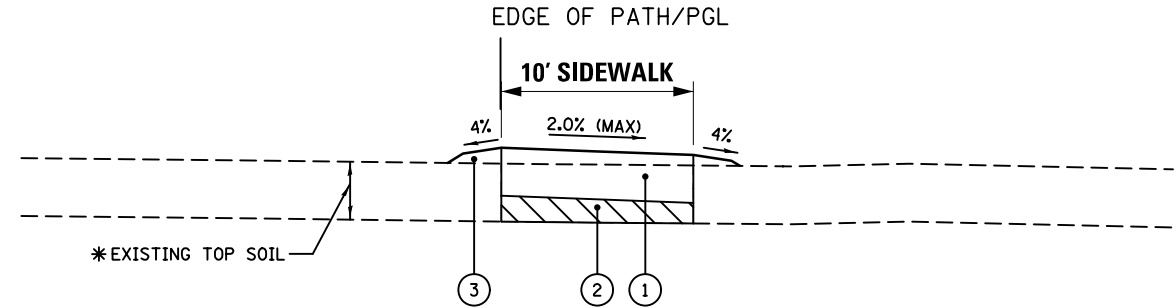
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00065-00-BT	COOK	35	7
				CONTRACT NO. 61H69
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
 STA. 13 + 00.00 TO STA. 15 + 32.24
 STA. 15 + 64.50 TO STA. 17 + 16.85



PROPOSED TYPICAL SECTION
 STA. 13 + 00.00 TO STA. 15 + 32.24
 STA. 15 + 64.50 TO STA. 17 + 16.85

(A) SIDEWALK REMOVAL (44000600)

- (1) PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (42400300)
- (2) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- (3) TOPSOIL FURNISH AND PLACE, 4" (21101615)
SODDING (25200100)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS (%) @ NDES	QMP
HAZEL AVENUE RESURFACING		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2.5"	4% @ 70 GYR.	LR 1030-2
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1.5"	4% @ 70 GRY.	LR 1030-2
CLASS D PATCHES		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR.	LR 1030-2

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE QUANTITIES IS 112 LB/SQ TD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

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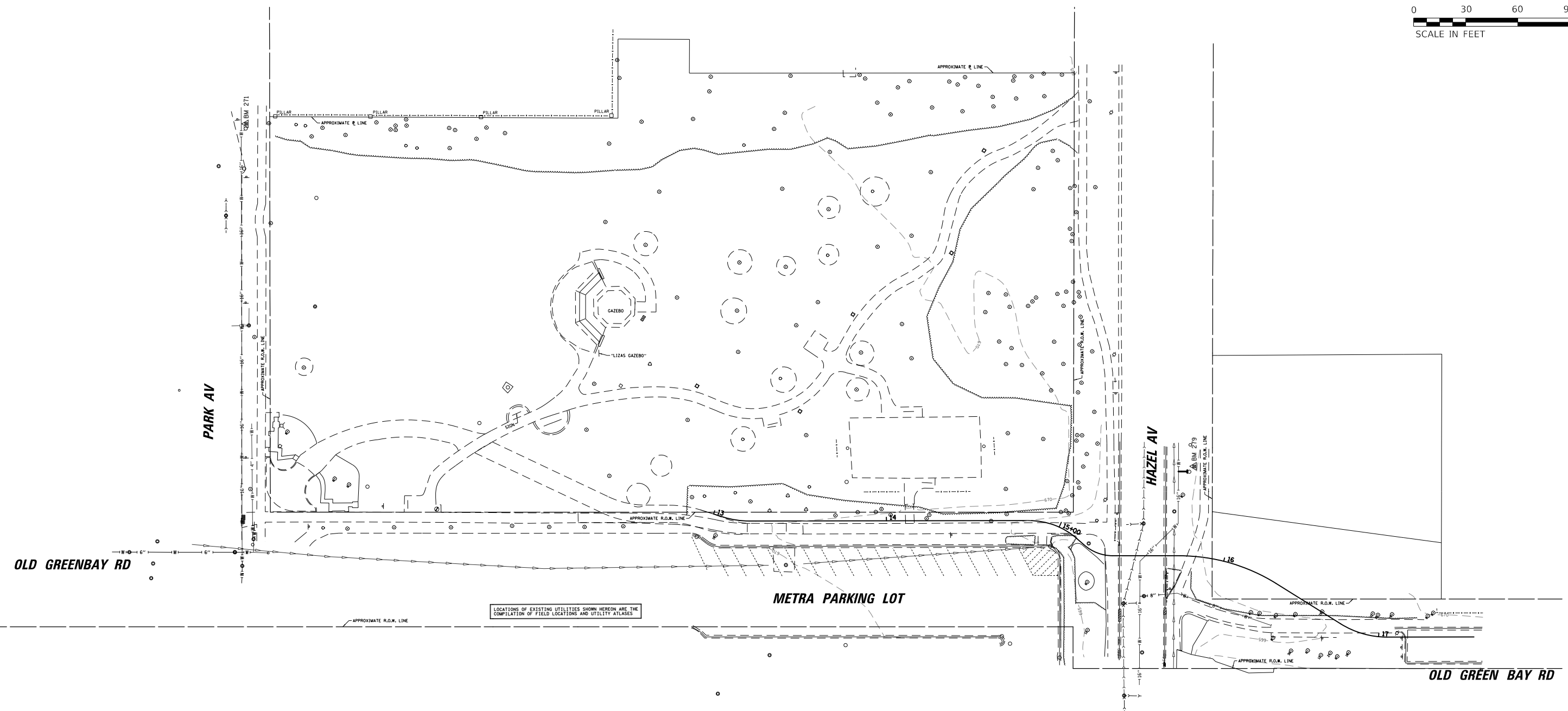
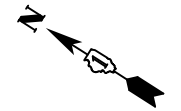
CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9275 W. Higgins Road, Suite 400
 Rosemont, Illinois 60018
 (847) 823-8500

USER NAME = mmichalowicz	DESIGNED - MLM	REVISED -
	DRAWN - MLM	REVISED -
PLOT SCALE = 2"	CHECKED - MEK	REVISED -
PLOT DATE = 11/11/2021	DATE - 11/11/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	21-00065-00-BT	COOK	35	8
			CONTRACT NO. 61H69	
		ILLINOIS	FED. AID PROJECT	



LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE COMPILATION OF FIELD LOCATIONS AND UTILITY ATLAS

ELEVATION BENCHMARKS DATUM:NAVD'88 (GPS OBSERVED)		
NO.	DESCRIPTION	ELEV.
BM 271	NORTHWEST BOLT OF HYDRANT ON SOUTH SIDE OF PARK AVENUE AT #250	673.54
BM 279	NORTHWEST BOLT OF HYDRANT ON SOUTH SIDE OF HAZEL AVENUE AT #274	666.82

UTILITY NOTES:
 LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE COMPILATION OF FIELD LOCATIONS AND THE FOLLOWING UTILITY ATLAS PROVIDED BY THE UTILITY
 -VILLAGE OF GLENCOE: WATER ATLAS
 -11x17 PDF OF AREA DATED 8-10-2021
 -VILLAGE OF GLENCOE: STORM ATLAS
 -11x17 PDF OF AREA DATED 8-10-2021
 -VILLAGE OF GLENCOE: SANITARY ATLAS
 -11x17 PDF OF AREA DATED 8-10-2021

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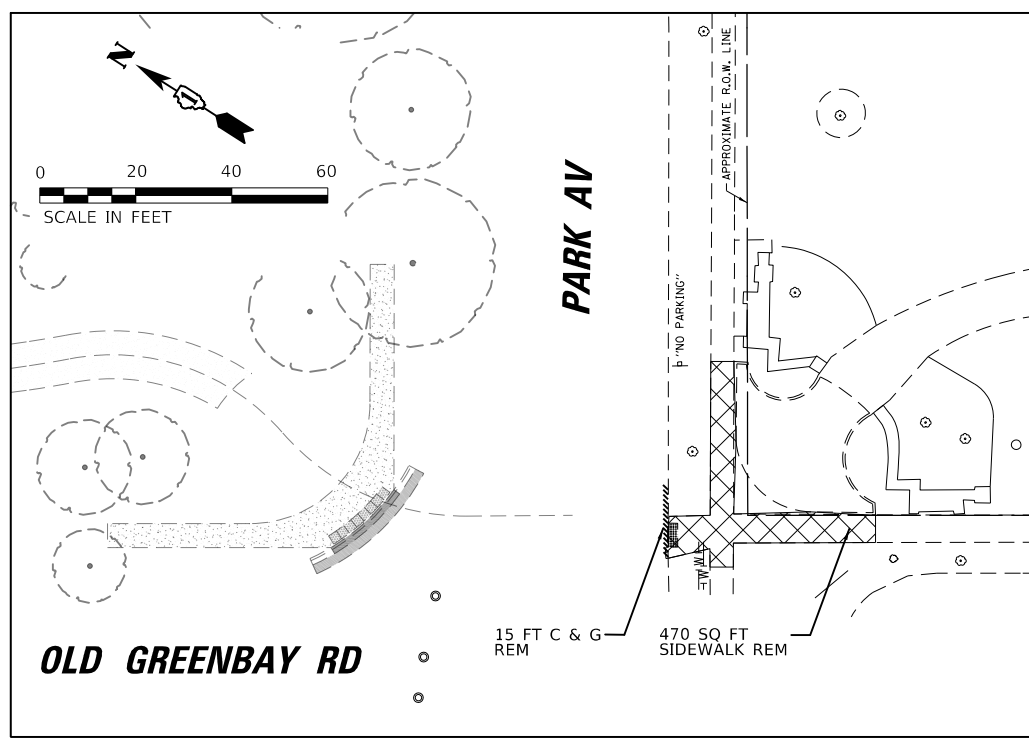
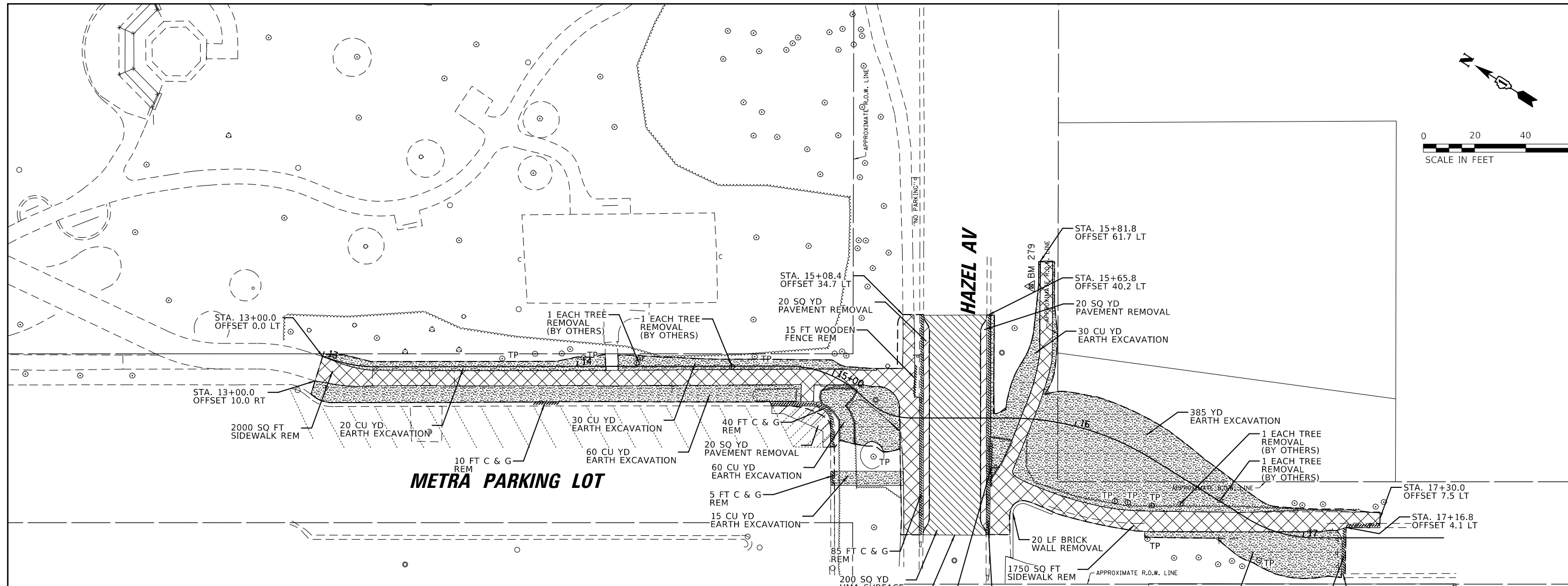
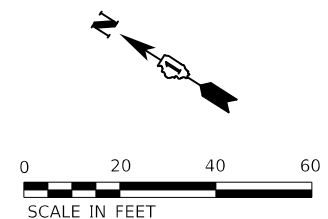
CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
 3075 W. Higgins Road, Suite 400
 Rosemont, Illinois 60018
 (847) 823-0500

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS
 SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	21-00065-00-BT	COOK	35	9
CONTRACT NO. 61H69				
ILLINOIS FED. AID PROJECT				



LEGEND:

	PAVEMENT REMOVAL
	HOT-MIX ASPHALT REMOVAL - 3 3/4"
	SIDEWALK REMOVAL
	EARTH EXCAVATION
	CURB/GUTTER REMOVAL
	FENCE REMOVAL
TP	TREE PROTECTION

**EXISTING CONDITIONS AND REMOVAL PLAN
PARK AVE AND OLD GREENBAY RD**

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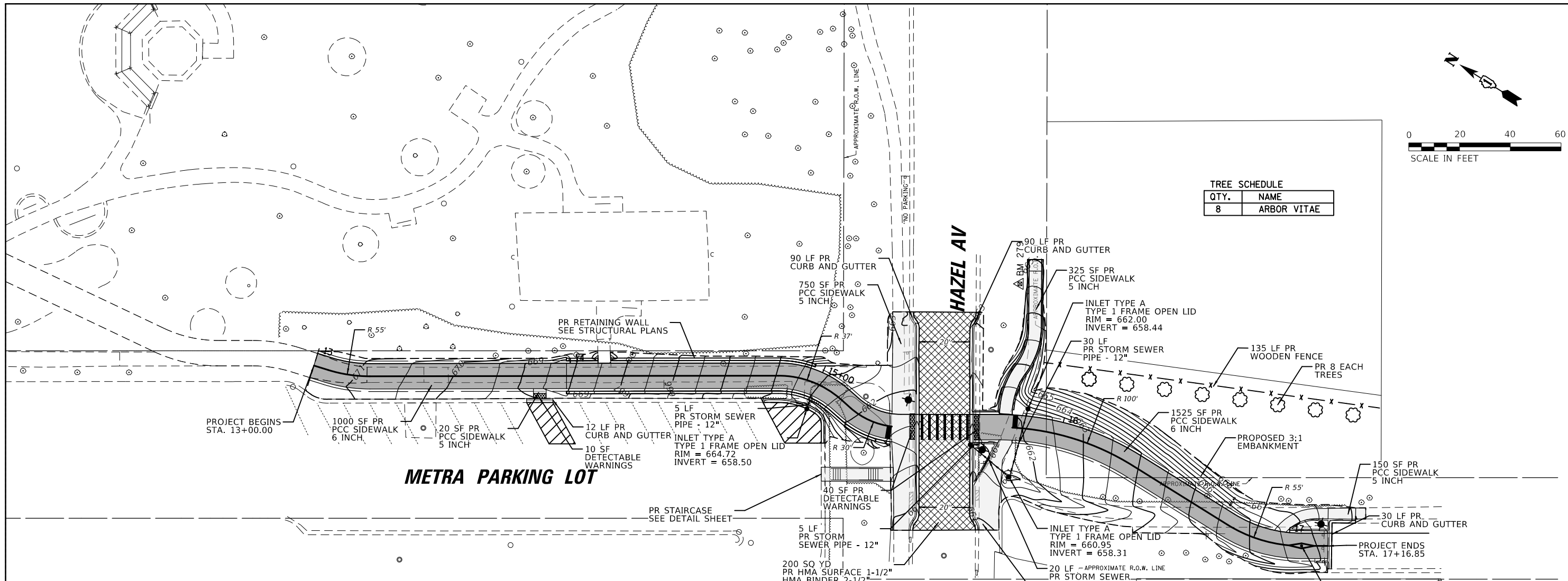
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

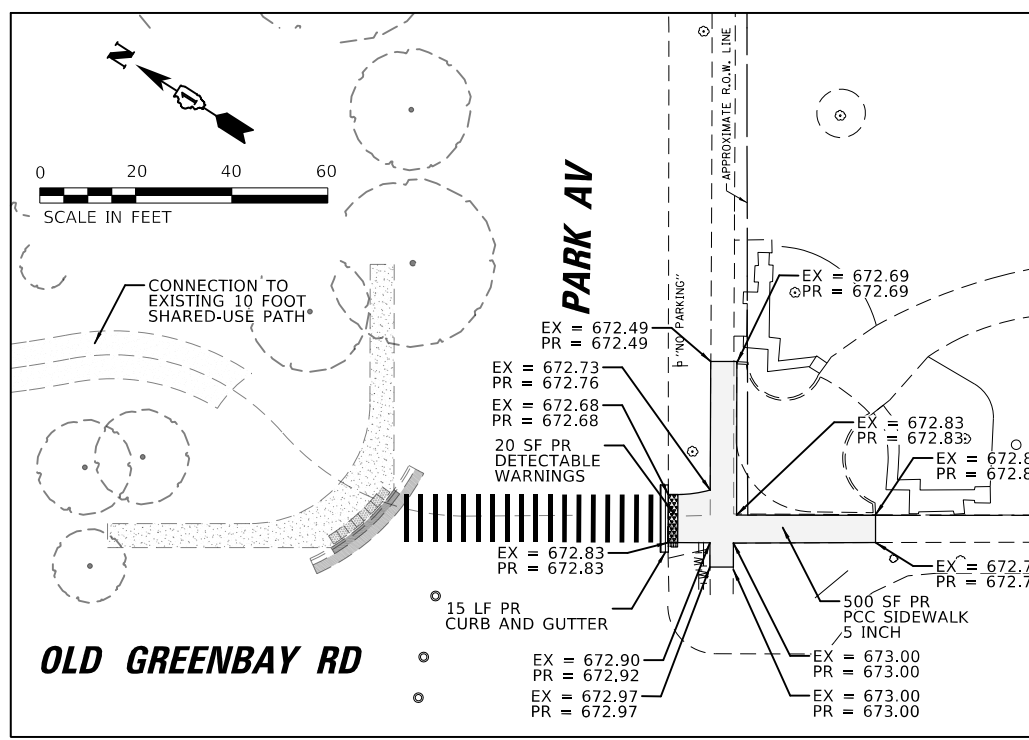
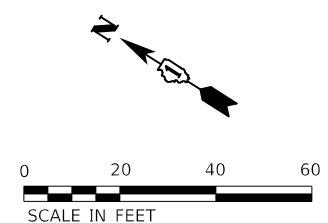
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SCALE:	SHEET OF SHEETS STA. TO STA.

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CONTRACT NO. 61H69				
ILLINOIS FED. AID PROJECT				

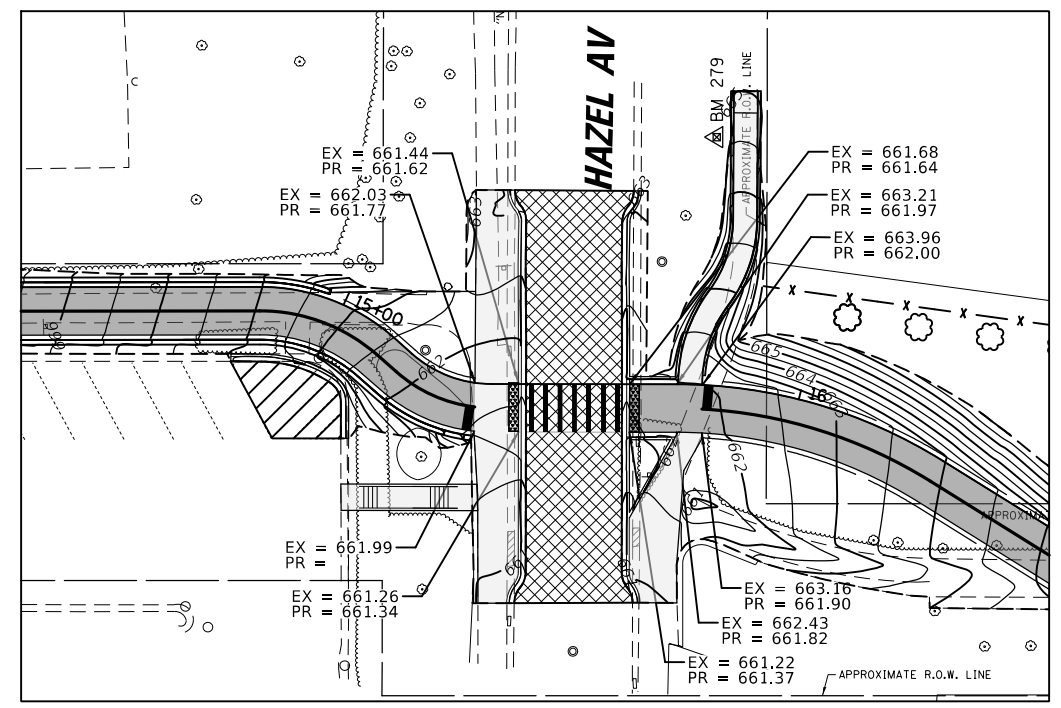


TREE SCHEDULE

QTY.	NAME
8	ARBOR VITAE



**PROPOSED PLAN
PARK AVE AND OLD GREENBAY RD**



GRADING FOR HAZEL AVE.

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	DATE - 11/11/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

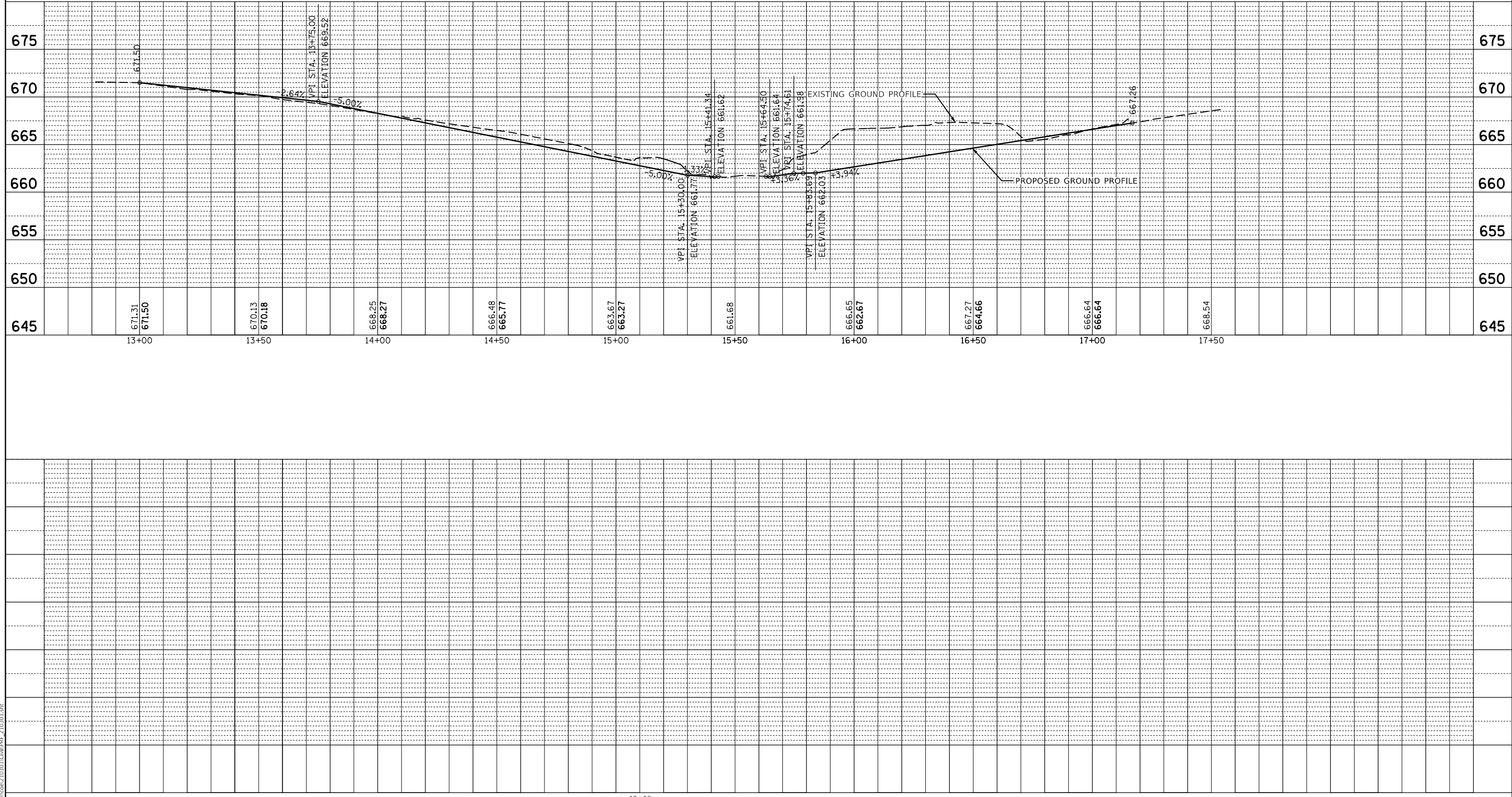
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PROPOSED PLAN

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H69	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	CAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK NO.		
	STRUCTURE NOTATIONS CHWD		



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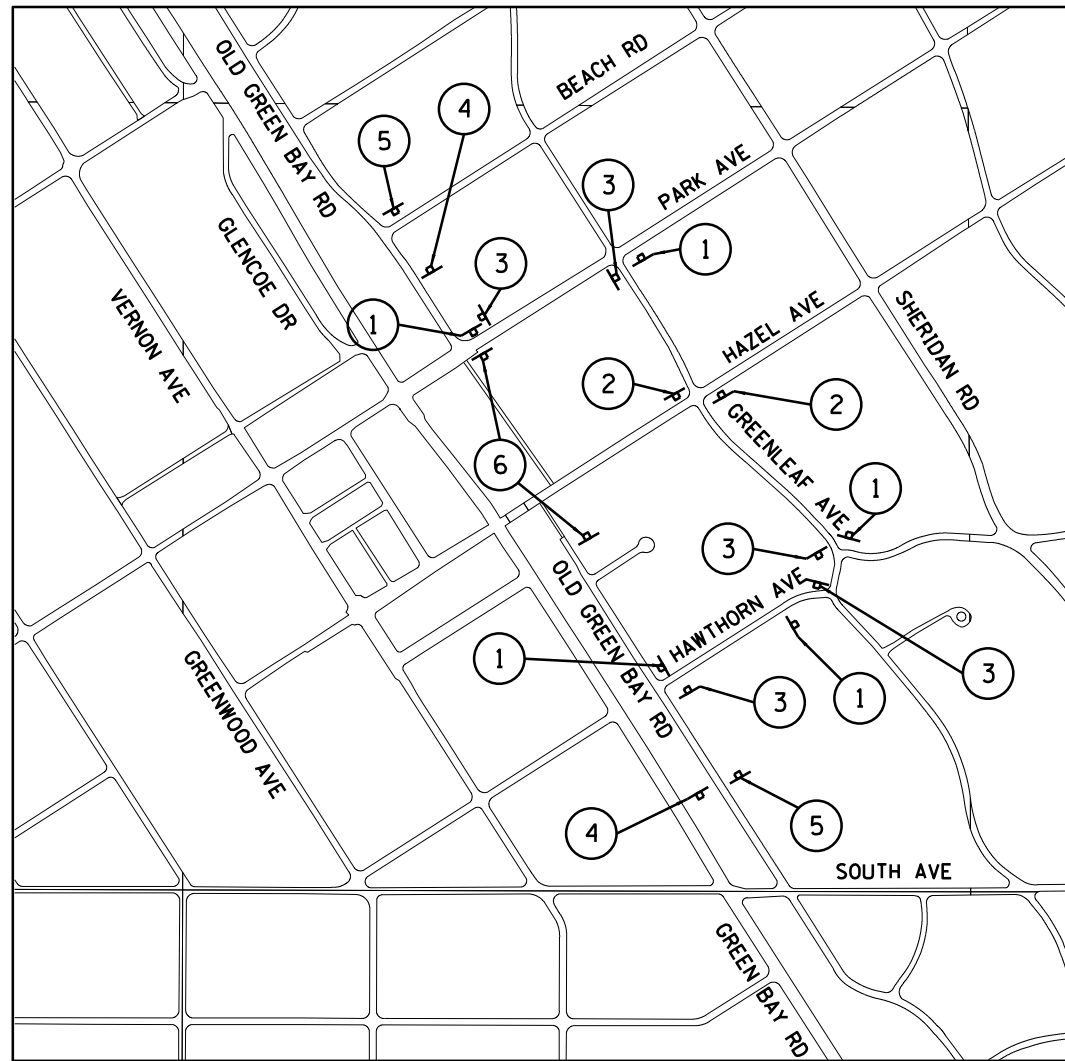


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	DATE - 11/11/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PROFILE	
SCALE:	SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00065-00-BT	COOK	35	12
CONTRACT NO. 61H69				
ILLINOIS FED. AID PROJECT				



BIKE DETOUR PLAN



M4-9a (L)
3021

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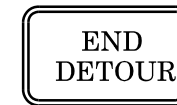
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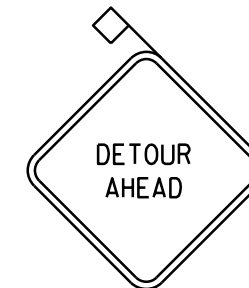
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M4-8A
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W20-2 (0)
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5



R11-2(mod)
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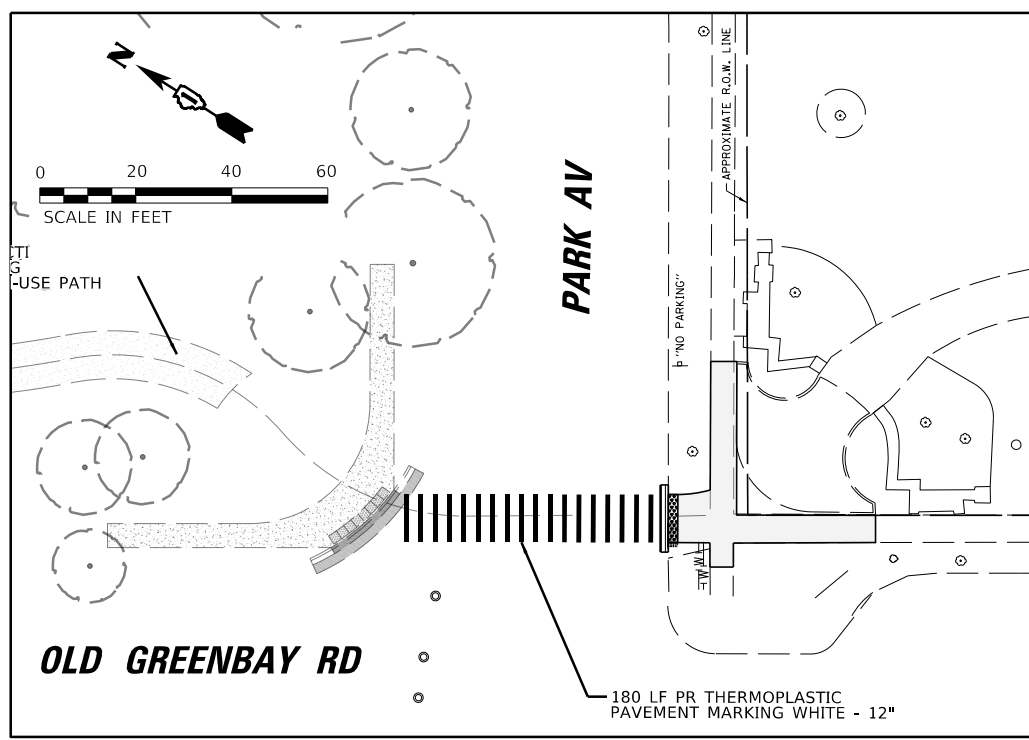
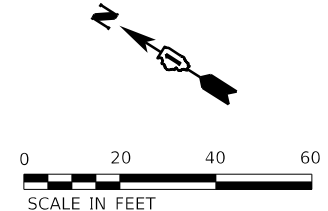
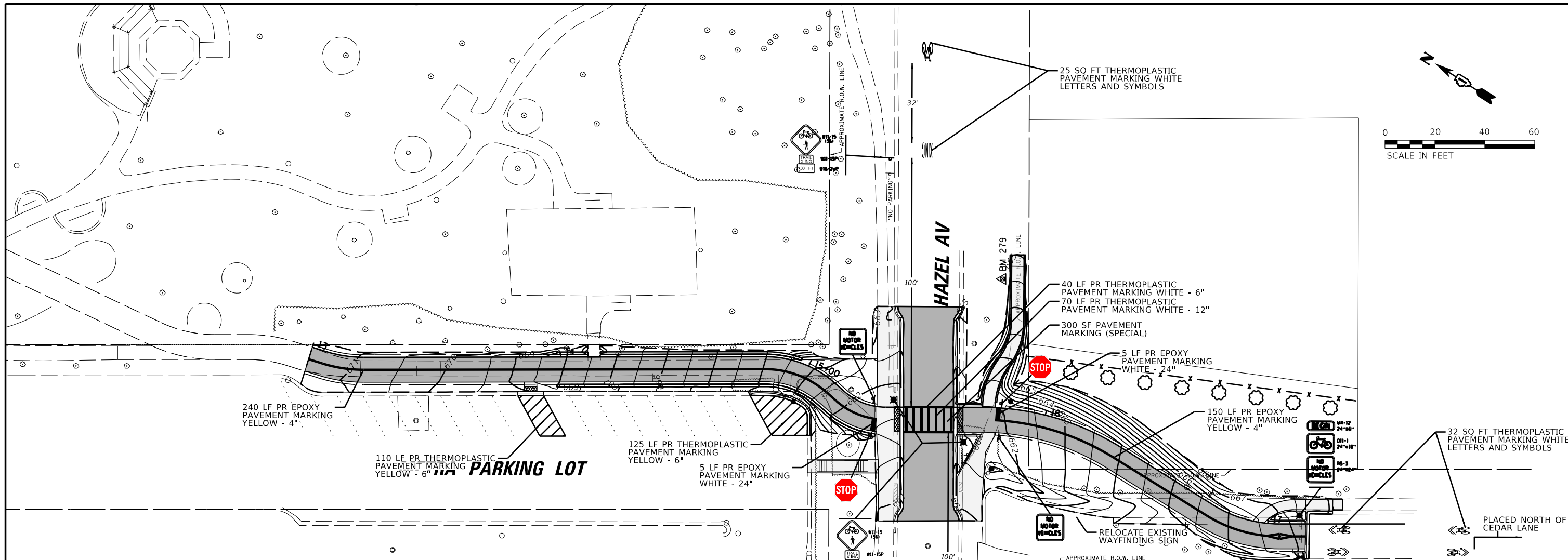
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN AND
MAINTENANCE OF TRAFFIC PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	21-00065-00-BT	COOK	35	13
CONTRACT NO. 61H69			ILLINOIS FED. AID PROJECT	



**PROPOSED SIGNAGE AND PAVEMENT MARKING PLAN
PARK AVE AND OLD GREENBAY RD**

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DRAWN - MLM	REVISED -	
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PLOT DATE = 11/11/2021	DATE - 11/11/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED SIGNAGE AND PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	21-00065-00-BT	COOK	35	14
CONTRACT NO. 61H69			ILLINOIS FED. AID PROJECT	

DATE	BY	DATE	BY
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 ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-4900



PROFILE
 NOTE BOOK NO. _____

STRUCUTRE NOTATINS CKFD

GENERAL NOTES

1. THE CONTRACTOR SHALL BE LICENSED TO PERFORM WORK WITH THE OWNER AND OBTAIN THE REQUIRED PERMITS FROM THE BUILDING DEPARTMENT AND SHALL BE RESPONSIBLE FOR OBTAINING/RETAINING THE REQUIRED INSURANCE AND BONDS BEFORE THE START OF WORK. ANY COST FOR THE LICENSING, BONDS OR INSURANCE SHALL BE INCLUDED IN THE ENTIRE COST OF THE CONTRACT.
2. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING OR IRRIGATION SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT (800) 892-0123.
3. BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD AND UNDERGROUND ELECTRIC UTILITIES, CONTRACTOR SHALL CALL COM ED FOR LOCATION APPROVAL AND MINIMUM CLEARANCE REQUIREMENTS.
4. THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION AT NO ADDITIONAL COST TO THE OWNER. THE COST ASSOCIATED FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED.
5. ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE OWNER. THE WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
6. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
7. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
 - A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AS PREPARED BY IDOT
 - B. THE NATIONAL ELECTRICAL CODE
 - C. MUNICIPAL CODES AND STANDARDS
8. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED BY THE ENGINEER.
9. THE CONTRACTOR SHALL LABEL ALL WIRES WITH WIRE MARKERS INDICATING THE CIRCUIT ID IN EVERY POLE BASE, HAND HOLE AND SPLICE/CONNECTION POINT. WIRE MARKERS SHALL BE WHITE NYLON WITH INTEGRAL MECHANICAL FASTENER WITH MINIMUM 3/4" X 1" WRITEABLE AREA.
10. ALL UNDERGROUND WIRING SHALL BE XLP TYPE-USE, EXTRA ABRASION RESISTANCE, 600 VOLTS, INSTALLED IN SCH 40 HDPE CONDUIT A MINIMUM 30 INCHES BELOW FINISH GRADE, FOLLOWING THE ROADWAY OR SIDEWALK EDGE.
11. TO MAINTAIN THE STRUCTURAL INTEGRITY OF LIGHT POLES WITH LUMINAIRE ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES.
12. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED AND HAVE BEEN REVIEWED BY THE ENGINEER.
13. THE LIGHT POLE LOCATIONS SHALL COMPLY WITH THE MINIMUM CLEAR WIDTH FOR AN ACCESSIBLE ROUTE FOR SIDEWALKS PER CURRENT AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS, BDE CHAPTER 17-4.04, AND PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) R301.3.1.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE TOP OF FOUNDATION ELEVATION WITH THE FINISH GRADE.
15. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
16. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER. ALL UTILITIES SHALL BE LOCATED PRIOR TO MARKING PROPOSED LIGHT POLE LOCATIONS.
17. THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO SETS OF FULL SIZE RECORD DRAWINGS (HARD COPY, AUTOCAD AND PDF) TO THE ENGINEER UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATIONS OF ALL LIGHT POLES, UNDERGROUND CONDUITS/WIRING, HANDHOLES, JUNCTION BOXES AND CONTROLLER CABINETS. THE DRAWINGS WILL BE REVIEWED BY THE ENGINEER.
18. UPON COMPLETION OF THE PROPOSED LIGHTING IMPROVEMENTS, THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLATION COMPLIES WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS. ALL ELECTRICAL TESTING SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.
19. ALL TREE TRIMMING REQUIRED AS DIRECTED BY THE OWNER'S REPRESENTATIVE SHALL BE PERFORMED BY THE OWNER.
20. ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE ASSOCIATED REMOVAL OR EXCAVATION ITEMS IN THE CONTRACT. THESE COSTS SHALL INCLUDE BUT ARE NOT LIMITED TO ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL ENGINEER, AND STATE OR LOCAL TIPPING FEES.
21. ALL STEEL SHALL BE FROM DOMESTIC SOURCE.

BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC SERVICE UTILITY CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA.	FOOT	350
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	30
UNDERGROUND CONDUIT, COILABLE NONMETALLIC, 1 1/4" DIA.	FOOT	290
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,550
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1,200
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	18
ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	3
SERVICE INSTALLATION (SPECIAL)	EACH	1

• SEE SPECIAL PROVISIONS

**CAUTION!
NOTE TO CONTRACTOR:**

THE CONTRACTOR IS SPECIFICALLY CAUTIONED TO THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE DRAWINGS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ENGINEER OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS.

THE VILLAGE OF GLENCOE WILL OWN AND MAINTAIN THE PROPOSED LIGHTING SYSTEM AT THE GREEN BAY TRAIL AND HAZEL AVENUE CROSSING

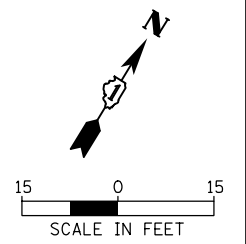
ABBREVIATIONS

A	AMPS
ATS	ATTACHED TO STRUCTURE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CNC	COILABLE NON-METALLIC CONDUIT
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DIA	DIAMETER
EIS	EMBEDDED IN STRUCTURE
EX	EXISTING
FT	FOOT
FOC	FACE OF CURB
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
HH	HAND HOLE
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
JB	JUNCTION BOX
KW	KILOWATTS
LED	LIGHT EMITTING DIODE
MA	MAST ARM
MH	MOUNTING HEIGHT
NTS	NOT TO SCALE
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL CONDUIT
ROW	RIGHT OF WAY
SS	STAINLESS STEEL
STA	STATION
XFMR	TRANSFORMER
UD	UNIT DUCT
V	VOLTS
W	WATTS
WR	WEATHER RESISTANT

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DATE	BY	DATE	BY
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LEGEND

- 83W, TYPE 5 OPTIC, 3000K LED ORNAMENTAL TYPE LUMINAIRE AT 12' MOUNTING HEIGHT
- ELECTRICAL CABLE IN HDPE CONDUIT (AS INDICATED ON DRAWINGS)
- ELECTRICAL CABLE IN RGS CONDUIT (AS INDICATED ON DRAWINGS)
- RGS CONDUIT SLEEVE (AS INDICATED ON DRAWINGS)
- LIGHT POLE IDENTIFIER
- () FESTOON RECEPTACLE IDENTIFIER
- LIGHTING CIRCUIT IDENTIFIER
- SETBACK FROM FAC OF CURB (FOC) TO CENTER OF LIGHTING UNIT
- METER MAIN PEDESTAL
- EXISTING COM ED UTILITY POLE

NOTES:

- ALL ELECTRICAL CONDUIT SHALL BE INSTALLED VIA HORIZONTAL DIRECTIONAL DRILLING UNLESS OTHERWISE NOTED.

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Default	PLOT DATE = 3/17/2022	DATE 3/17/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
GREEN BAY TRAIL AND HAZEL AVENUE CROSSING IMPROVEMENTS
GLENCOE, ILLINOIS

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	16
CONTRACT NO. 61H69			ILLINOIS FED. AID PROJECT	

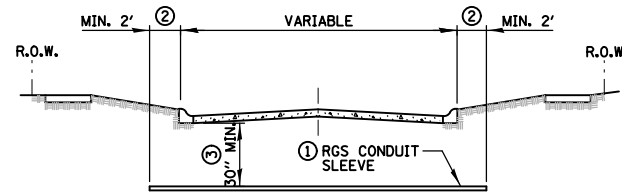
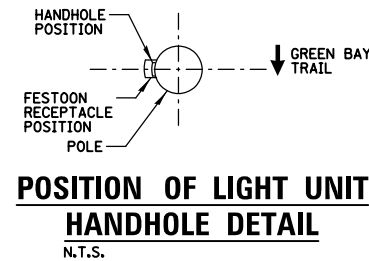
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CHRISTOPHER B. BURKE
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 Rosemont, Illinois 60018
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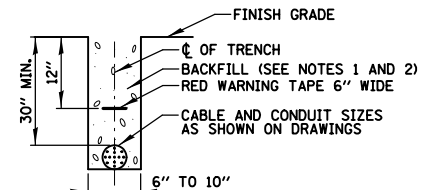


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- ① SLEEVE SHALL BE HEAVY WALL RIGID GALVANIZED STEEL (RGS) CONDUIT
- ② SLEEVE SHALL EXTEND A MINIMUM OF 2' BEYOND BACK OF CURB
- ③ SLEEVE SHALL BE A MINIMUM OF 30" BELOW ROADWAY OR CURB BOTTOM

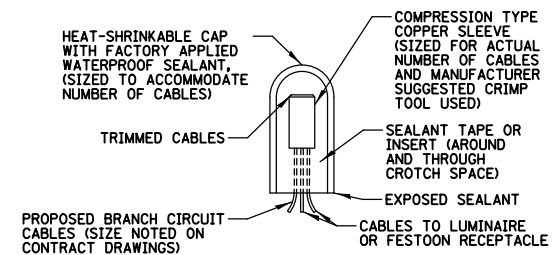
ROADWAY/PAVEMENT CROSSING



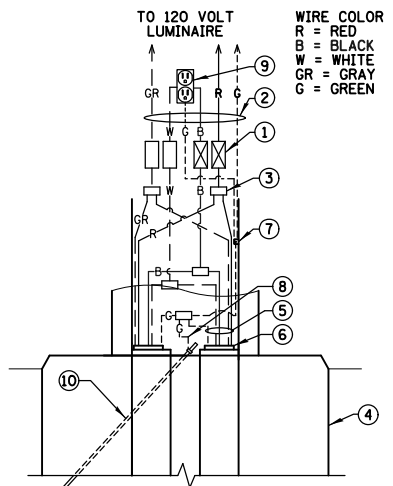
TRENCH CROSS SECTION

- NOTES:
- 1. BACKFILL MATERIAL SHALL BE FREE OF BRICK, ROCK, OR ANY MATERIAL THAT COULD DAMAGE THE CONDUIT.
 - 2. BACKFILL MATERIAL FOR TRENCHES WHERE THE INNER EDGE OF THE TRENCH IS WITHIN 2 FT. OF THE EDGE OF THE PROPOSED PAVEMENT, CURB, GUTTER, CURB AND GUTTER, STABILIZED SHOULDER, OR SIDEWALK SHALL BE TRENCH BACKFILL IN ACCORDANCE WITH THE PROVISIONS OF SECTION 208 OF THE STANDARD SPECIFICATIONS AND SHALL BE CONSIDERED INCIDENTAL TO THE TOTAL COST OF THE CONTRACT.

ELECTRIC CONDUIT INSTALLATION DETAIL
N.T.S.

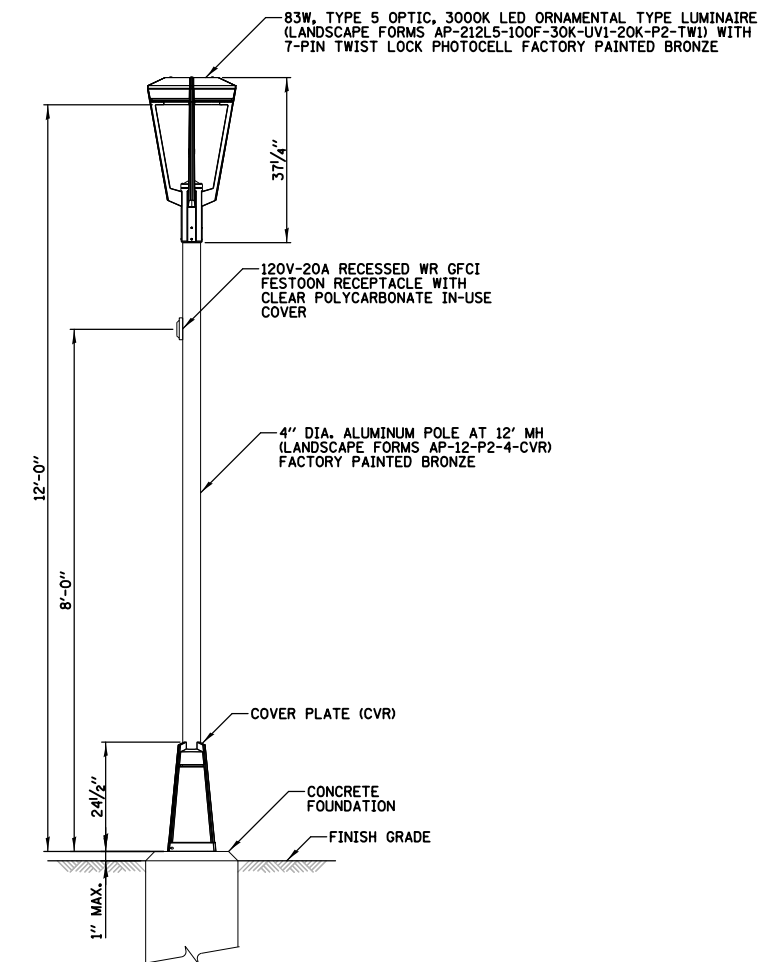


ELECTRIC CABLE SPICE DETAIL
N.T.S.



ORNAMENTAL LIGHT UNIT HANDHOLE WIRING DIAGRAM
N.T.S.

- PHASE CONDUCTOR
- - - NEUTRAL CONDUCTOR
- GROUND CONDUCTOR
- ① 5A TIME-DELAY TYPE FUSE FOR LUMINAIRE AND 2A FUSE FOR FESTOON RECEPTACLE (NEUTRAL SHALL BE NON-FUSED) INSIDE 2-POLE BREAKAWAY WATERPROOF FUSE HOLDER AND INSULATING BOOTS
- ② XLP-TYPE USE POLE CABLES COLOR TO MATCH BRANCH CABLES (#12-LUMINAIRE, #12-RECEPTACLE)
- ③ ELECTRIC CABLE SPICE (SEE DETAIL THIS SHEET)
- ④ CONCRETE FOUNDATION
- ⑤ BRANCH CIRCUIT CABLES
- ⑥ 1/4" SCH 40 HDPE IN 2/2" SCH 40 PVC RACEWAY
- ⑦ POLE GROUND LUG
- ⑧ GROUND CABLE MECHANICALLY CONNECTED TO GROUND ROD
- ⑨ 120V-20A RECESSED WR GFCI FESTOON RECEPTACLE WITH CLEAR POLYCARBONATE IN-USE COVER
- ⑩ 5/8" X 10' COPPER CLAD GROUND ROD



- NOTES:
- 1. ALL LIGHT POLES SHALL MEET WIND LOADING AND VIBRATION REQUIREMENTS, ACCORDING TO THE LATEST AASHTO STANDARDS AND ARTICLE 1069.01 IN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. CONTRACTOR SHALL SUBMIT LIGHT POLE LOADING CALCULATIONS, STAMPED BY A LICENSED STRUCTURAL ENGINEER, TO THE OWNER'S REPRESENTATIVE TO SHOW THAT LIGHT POLE CAN STRUCTURALLY SUPPORT PROPOSED LUMINAIRE.
 - 2. ALL LIGHT POLES SHALL BE UL LISTED.

ORNAMENTAL LIGHT UNIT DETAIL
N.T.S.

FILE NAME =	USER NAME = mmichalowicz	DESIGNED DRK	REVISED -
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Default		CHECKED DRK	REVISED -
Default	PLOT DATE = 3/17/2022	DATE 3/17/2022	REVISED -

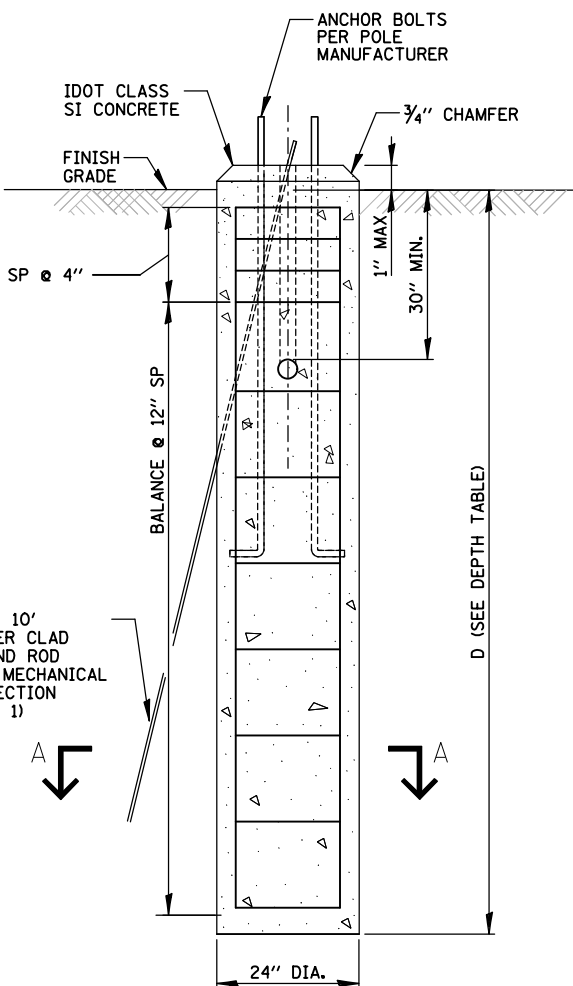
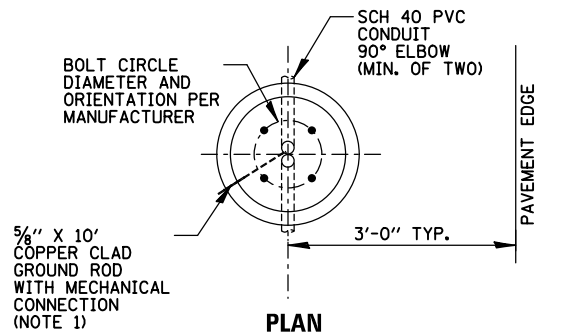
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS (2 OF 4)			
GREEN BAY TRAIL AND HAZEL AVENUE CROSSING IMPROVEMENTS			
GLENCOE, ILLINOIS			
SCALE: N.T.S.	SHEET 4	OF SHEETS	STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	18
CONTRACT NO. 61H69				
ILLINOIS FED. AID PROJECT				

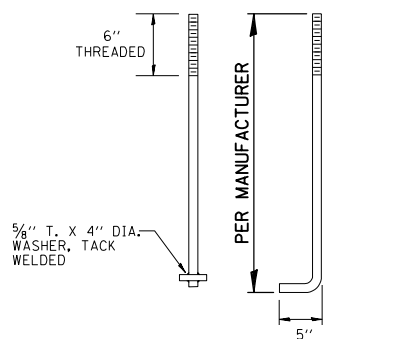
LIGHT POLE FOUNDATION DEPTH TABLE
PEDESTRIAN LIGHT POLE - 14' MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION
SOFT CLAY O _u = 0.375 TON/SQ. FT.	6'-0"
MEDIUM CLAY O _u = 0.75 TON/SQ.FT	6'-0"
STIFF CLAY O _u = 1.50 TON/SQ. FT.	6'-0"
LOOSE SAND φ = 34°	6'-0"
MEDIUM SAND φ = 37.5°	6'-0"
DENSE SAND φ = 40°	6'-0"

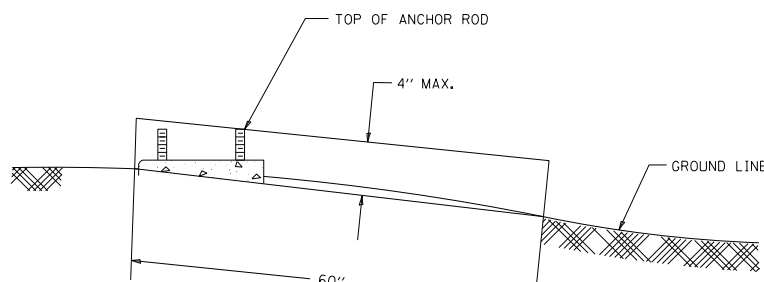


NOTES

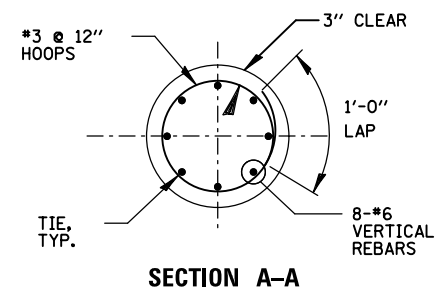
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. ABOVE THE FINISHED GRADE WITHIN A 60 IN. CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4".
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES WITH A MINIMUM OF 3 INCHES OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT NO MORE THAN 2 3/4" ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" PITCH OR MAY SUBSTITUTE #3 TIES AT 12" O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" ABOVE THE TOP OF THE FOUNDATION.
- GROUND ROD SHALL BE CAST INTO CONCRETE FOUNDATION WITH 8" IN CONTACT WITH SOIL.
- FOUNDATIONS SHALL BE VIBRATED IN ACCORDANCE WITH IDOT STANDARD PRACTICES.
- PAID FOR UNDER "LIGHT POLE FOUNDATION, 24" DIAMETER"



ANCHOR BOLT DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A

DATE	BY	DATE	BY
DATE	BY	DATE	BY
DATE	BY	DATE	BY

ENGINEERING LTD.
CHRISTOPHER B. BURKE
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-4500

PROFILE SURVEYED
GRADES CHECKED
NOTE BOOK NO.
STRUCTURE NOTATIONS CHECKED

STATE OF ILLINOIS
MAJID MOBASSERI
LICENSED STRUCTURAL ENGINEER
081-005058
CHAMPAIGN, ILLINOIS

Majid Mobasseri 11/15/22
STRUCTURAL ENGINEER
MAJID MOBASSERI
DATE
SHEET TBD
ILLINOIS REGISTRATION No. 081-005058
EXPIRATION DATE: 11/30/2022

FILE NAME =	USER NAME = mmichalowicz	DESIGNED DRK	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS (3 OF 4)
GREEN BAY TRAIL AND HAZEL AVENUE CROSSING IMPROVEMENTS
GLENCOE, ILLINOIS

SCALE: N.T.S. SHEET 5 OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	19
			CONTRACT NO. 61H69	
ILLINOIS FED. AID PROJECT				

DATE _____ BY _____
 SURVEYED _____ CHECKED _____
 PLOTTED _____ AT _____
 NOTE BOOK _____ FILE NAME _____
 NO. _____

PLAN _____
 NOTE BOOK _____
 NO. _____

ENGINEERING LTD.
CHRISTOPHER B. BURKE
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-9500

DATE _____ BY _____
 SURVEYED _____ CHECKED _____
 PLOTTED _____ AT _____
 NOTE BOOK _____ FILE NAME _____
 NO. _____

PROFILE _____
 NOTE BOOK _____
 NO. _____

COMMERCIAL & INDUSTRIAL LOAD INFORMATION

FORM TO BE COMPLETED BY QUALIFIED ELECTRICAL PROFESSIONAL

SITE & BUILDING INFORMATION			
PROJECT NAME Green Bay Trail and Hazel Avenue Crossing Improvements		PROJECT TYPE Other	EXISTING COMED ACCOUNT # 1119092153
SITE ADDRESS 274 Hazel Avenue		CITY Glencoe	ZIP CODE 60022
REQUESTED SERVICE <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary		UNIT TYPE (IF APPLICABLE) <input type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial	
RESIDENTIAL # OF UNITS -	TOTAL RESIDENTIAL SQ. FOOTAGE -	COMMERCIAL # OF UNITS -	TOTAL COMMERCIAL SQ. FOOTAGE -
HOURS OF NORMAL OPERATION Start: <input type="checkbox"/> AM <input type="checkbox"/> PM End: <input type="checkbox"/> AM <input type="checkbox"/> PM <input checked="" type="checkbox"/> 24-hour			
EQUIPMENT AND VOLTAGE			
PREFERRED SERVICE EQUIPMENT TYPE <input checked="" type="checkbox"/> Underground <input type="checkbox"/> Overhead <input type="checkbox"/> Vault/High-rise <input type="checkbox"/> Outdoor Lighting			
SERVICE VOLTAGE <input checked="" type="checkbox"/> 120/240V 1-phase 3-wire <input type="checkbox"/> 120/240V 3-phase 4-wire <input type="checkbox"/> 120/208V 3-phase 4-wire <input type="checkbox"/> 277/480V 3-phase 4-wire <input type="checkbox"/> 480V 3-phase 3-wire (B-phase grounded, not allowed in Chicago) <input type="checkbox"/> 480V 3-phase 3-wire (ungrounded, req. special equipment & approval) <input type="checkbox"/> 4kV <input type="checkbox"/> 12kV <input type="checkbox"/> 34kV <input type="checkbox"/> Other:			
SWITCH INFORMATION (if more than one, please attach the following information per switch)			
SWITCH NAME Green Bay Trail and Hazel Avenue Crossing Lighting Controller		# TOTAL SWITCHES FOR PROJECT 1	# SWITCHES IDENTICAL TO THIS APP 1
SWITCH LOCATION, IF KNOWN Meter Main Pedestal		SWITCH SIZE (AMPS) 60	SIZE OF CONDUCTOR #8 AWG
SWITCH RATING (%) 80	NUMBER OF SECONDARY SETS 1	CONDUCTOR MATERIAL <input checked="" type="checkbox"/> CU <input type="checkbox"/> AL	

COMMERCIAL & INDUSTRIAL LOAD INFORMATION

FORM TO BE COMPLETED BY QUALIFIED ELECTRICAL PROFESSIONAL

PROJECT NAME Green Bay Trail and Hazel Avenue Crossing
SWITCH NAME Green Bay Trail and Hazel Avenue Crossing

LOAD INFORMATION (all loads should be shown in kW, with a power factor of .85 used for conversion from KVA)					
CATEGORY	DESCRIPTION	I-PHASE CONNECTED LOAD	I-PHASE DIVERSIFIED CAPACITY*	3-PHASE CONNECTED LOAD	3-PHASE DIVERSIFIED CAPACITY*
Lighting		249			
Appliances					
Receptacle		540			
Process Heat					
Water Heat					
Motors**					
HVAC/Heating					
HVAC/Cooling					
Ventilation-All Year					
Other					
Total		789			

*Diversify connected load per Chicago Electrical Code in the City of Chicago and applicable areas, diversify per National Electrical Code in all other areas.
 **Please provide mechanical switchboard schedule.

COMMERCIAL & INDUSTRIAL PROJECT INFORMATION

SITE INFORMATION		
PROJECT NAME Green Bay Trail and Hazel Avenue Crossing Improvements	CONTACT NAME Douglas Kerr	
SITE ADDRESS 274 Hazel Avenue	CITY Glencoe	ZIP CODE 60022
CONTACT EMAIL dkerr@cbbel.com	CONTACT PHONE (847) 823-0500	TOTAL NUMBER OF SERVICE ENTRANCE LOCATIONS 1
ELECTRICAL PERMIT # -	DATE OF GROUNDBREAKING 2/1/2022	TOTAL NUMBER OF SWITCHES (Points of Service) 1
DATE COMED CAN BEGIN WORK 4/1/2022	PREFERRED SERVICE DATE 4/1/2022	TOTAL NUMBER OF METERS REQUESTED 1
BUSINESS INFORMATION		
LEGAL NAME OF ENTITY (ELECTRIC CONSUMER) Village of Glencoe	TAX ID.	EXISTING COMED ACCOUNT # 1119092153
<input type="checkbox"/> Corporation	<input type="checkbox"/> Partnership	<input type="checkbox"/> Sole Proprietor <input checked="" type="checkbox"/> Other:
PRINCIPLE(S) to sign agreements for service, easements, etc.		
PROPERTY OWNER Village of Glencoe	PHONE (847) 835-4111	
BUILDING OWNER James Tigue, Village Engineer	PHONE (847) 461-1119	
BUILDING MANAGER James Tigue, Village Engineer	PHONE (847) 461-1119	

ELECTRICAL SERVICE APPLICATION FOR INFORMATIONAL PURPOSES ONLY

FILE NAME = \\tbg.net\CBBEL\CBBELDFT\Glencoe\210301\Tech\06-LDT..210301.sht	USER NAME = mmichalowicz	DESIGNED DRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING DETAILS (4 OF 4) GREEN BAY TRAIL AND HAZEL AVENUE CROSSING IMPROVEMENTS GLENCOE, ILLINOIS	MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Default	DRAWN CPG	REVISED -				21-00065-00-BT	COOK	35	20
Default	Default	CHECKED DRK	REVISED -			SCALE: N.T.S.	SHEET 6 OF SHEETS	STA.	CONTRACT NO. 61H69	
Default	Default	DATE 3/17/2022	REVISED -			TO STA.		ILLINOIS FED. AID PROJECT		

For all questions in regards to proposed Com Ed utility coordination, please contact:

COMMONWEALTH EDISON
 Larry Shank
 1500 Franklin Boulevard
 Libertyville, IL 60048
 (847) 921-7629
 larry.shank@ComEd.com

Bench Mark: BM 279, Northwest bolt of hydrant on south side of Hazel Avenue at #274.
 Elev. 666.82
 Existing Structure: None
 Salvage: None

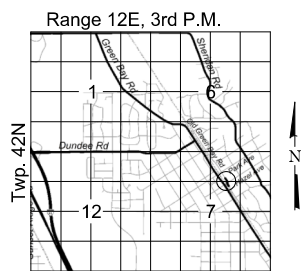
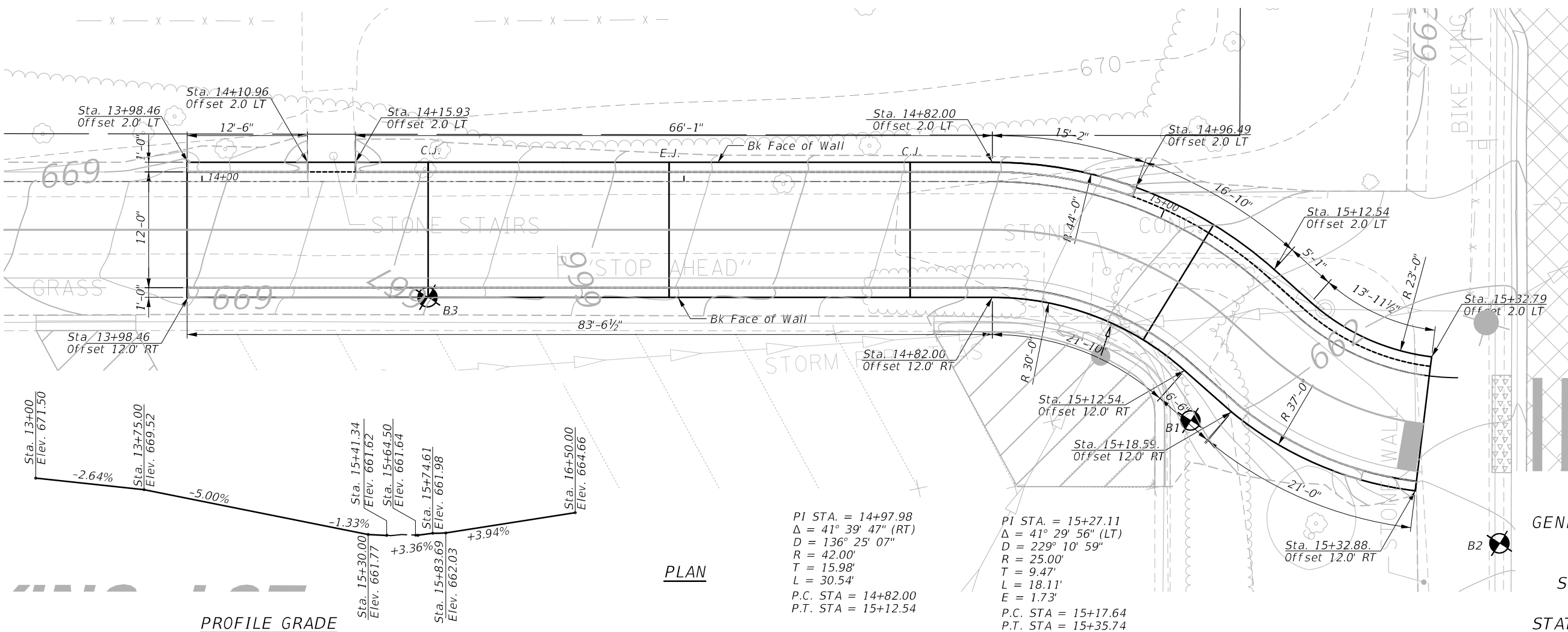
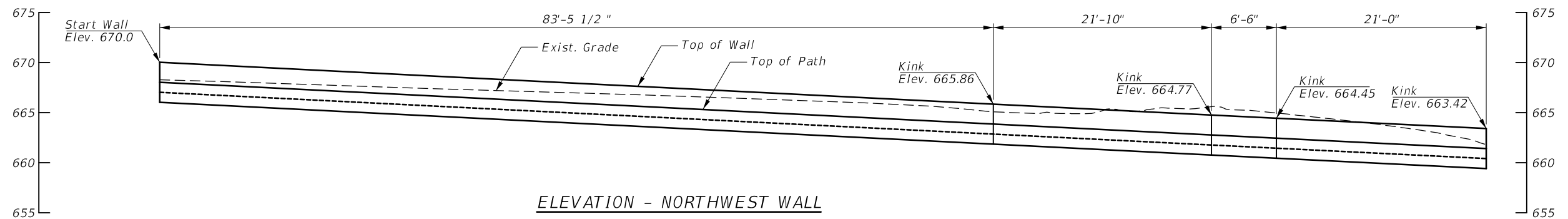
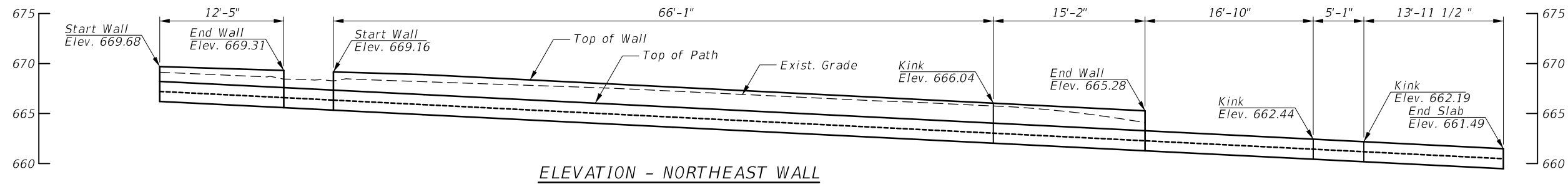
DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition with 2015 Interims

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)



GENERAL PLAN AND ELEVATION RETAINING WALLS AT HAZEL AVENUE SECTION 21-00065-00-BT COOK COUNTY STATION 13+98.46 TO 15+32.88

MODEL: D:\p\21-00065-00-BT\Structure\210301\Structure\210301\CPRE.rvt

CB CHRISTOPHER B. BURKE ENGINEERS, LTD.
 9275 W. Higgins Road, Suite 400
 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME: =MIRAZHAWICZ	DESIGNED: MLM	REVISED: -
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	DATE: 11/11/2021	REVISED: -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
 PROPOSED RETAINING WALL

SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	21
CONTRACT NO. 61H69			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

CAST-IN-PLACE CONCRETE

- All exposed concrete edges shall have a 3/4" x 45° chamfer, except where shown otherwise. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.

REINFORCEMENT BARS

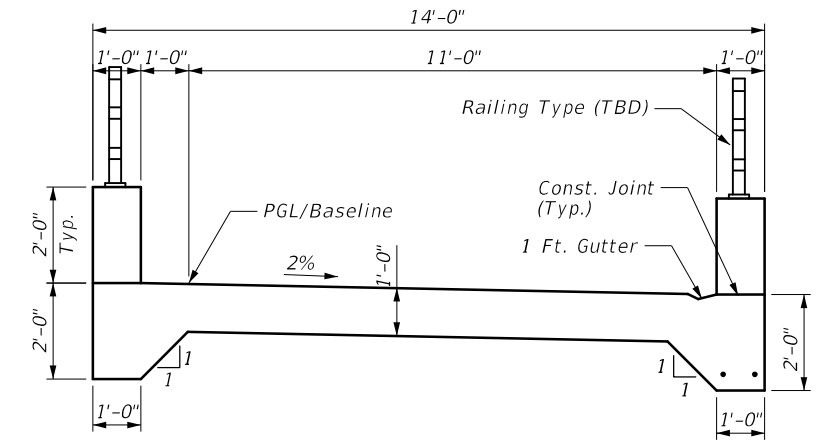
- Reinforcement bars, including epoxy-coated reinforcement bars, shall conform to the requirements of aashto m-31 (astm a706), grade 60, deformed bars.
- Reinforcement bars designated "(e)" shall be epoxy coated.
- Reinforcement bar bending details shall be in accordance with the latest "Manual of Standard Practice for Detailing Reinforced Concrete Structures", ACI 315.
- Reinforcement bar bending dimensions are out to out.
- Bars noted thus, 3x2-#5 indicates 3 lines of bars with 2 lengths of bars per line.
- Cover from the face of concrete to face of reinforcement bars shall be 3" for surfaces formed against earth and 2" for all other surfaces unless otherwise shown.

CONSTRUCTION

- Contractor shall not scale dimensions from the contract plans for construction purposes. Scales shown are for information only.
- No construction joints except those shown on the plans shall be allowed unless approved by the engineer.
- No concrete cutting shall be permitted until the cutting limits have been outlined by the contractor and approved by the engineer.
- It shall be the Contractor's responsibility to verify the location of all utilities prior to starting construction. contact J.U.L.I.E., 800-892-0123.
- Temporary soil retention systems, sheeting, bracing or cofferdams shall be constructed at the locations shown on the plans and/or as required for the excavation to protect the adjacent areas from settling or falling into the excavated areas.
- The soil boring logs represent point information. Presentation of this information in no way implies that subsurface conditions are the same at locations other than the exact location of the boring.
- Whenever any material is deposited into a drainage system or drainage structures, the deposited material shall be removed at the close of each working day. At the conclusion of construction operations, all drainage systems and structures shall be free from dirt and debris deposited during the various construction operations.

INDEX OF STRUCTURAL SHEETS

SHEET NO	TITLE
S-1	GENERAL PLAN & ELEVATION
S-2	GENERAL NOTES, INDEX & BOM
S-3	PLAN AND ELEVATION DETAILS
S-4	SECTION AND DETAILS
S-5	BICYCLE RAILING DETAILS
S-6	BORING LOGS



TYPICAL SECTION

TOTAL BILL OF MATERIAL

PAY ITEM NO.	ITEM	UNIT	TOTAL	RECORD QUANTITY
50200100	Structure Excavation	Cu. Yd.	155	
50800205	Reinforcement Bars, Epoxy Coated	Pound	12,965	
50300225	Concrete Structures	Cu. Yd.	105.0	
50901750	Parapet Railing	Foot	225	
50901760	Pipe Handrail	Foot	44	

MODEL: D:\p\h\...
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CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9275 W. Higgins Road, Suite 400
 Rosemont, Illinois 60018
 (847) 823-0500

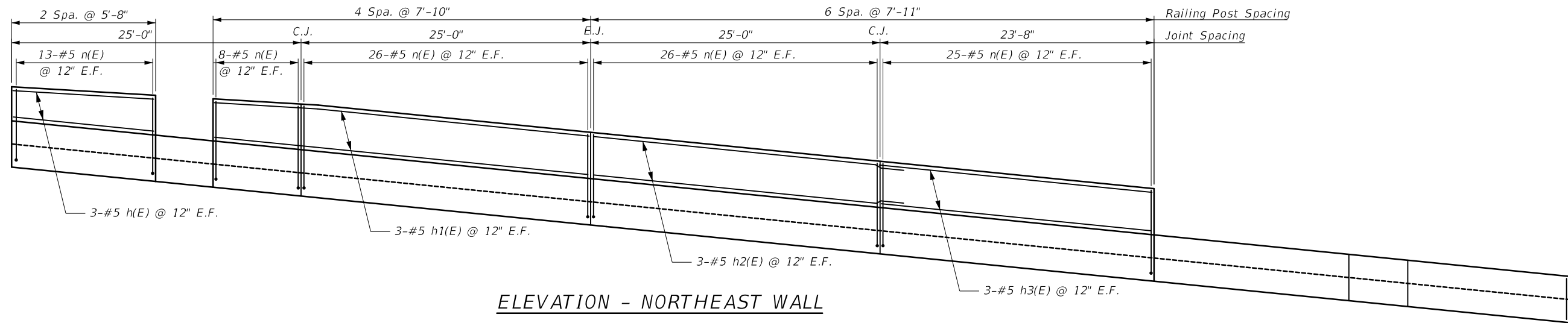
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PLOT DATE = 11/11/2021	DATE - 11/11/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

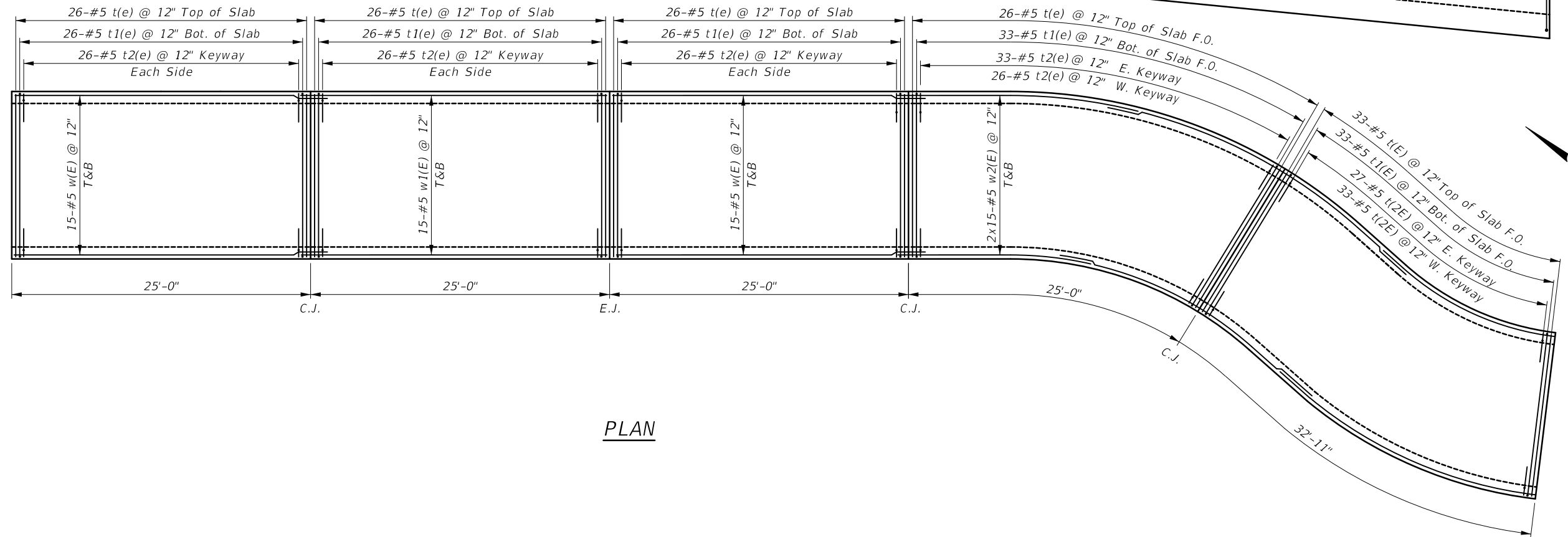
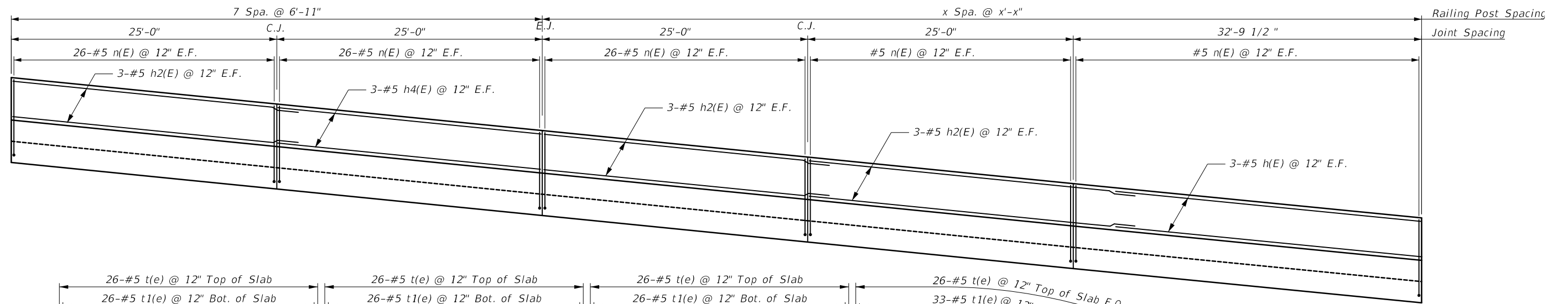
GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

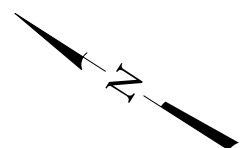
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	21-00065-00-BT	COOK	35	22
			CONTRACT NO. 61H69	
		ILLINOIS	FED. AID PROJECT	



ELEVATION - NORTHEAST WALL



PLAN



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CBG CHRISTOPHER B. BURKE ENGINEERING, LTD.
9275 W. Higgins Road, Suite 400
Rosemont, Illinois 60018
(847) 823-0500

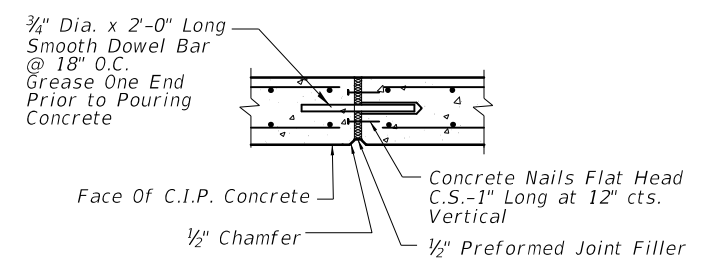
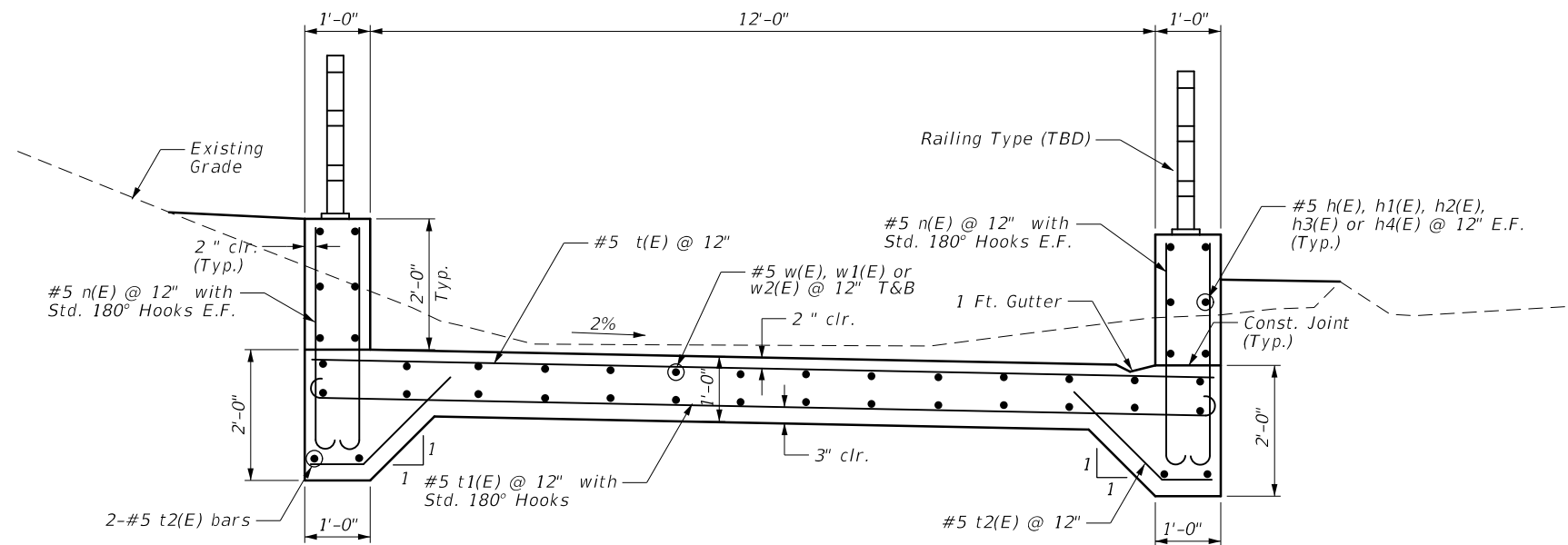
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	DATE - 11/11/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND ELEVATION DETAILS
PROPOSED RETAINING WALL**

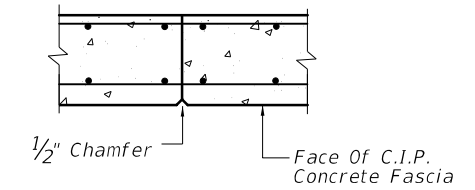
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CONTRACT NO. 61H69				
ILLINOIS FED. AID PROJECT				



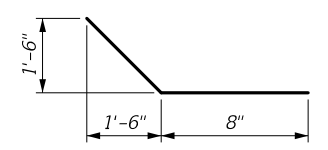
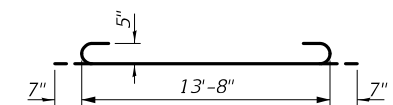
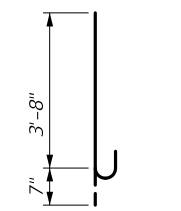
EXPANSION JOINT DETAILS

Max. Spacing = 90'-0"



CONTROL JOINT DETAILS

Max. Spacing = 30'-0"
(Contractor shall Coordinate Control Joint with Architectural Form Liner)



SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
n(E)	468	#5	4'-3"	—
h(E)	6	#5	12'-1"	—
h1(E)	6	#5	32'-3"	—
h2(E)	24	#5	28'-5"	—
h3(E)	6	#5	23'-6"	—
h4(E)	6	#5	24'-10"	—
h5(E)	6	#5	32'-7"	—
t(E)	144	#5	13'-8"	—
t1(E)	144	#5	14'-10"	—
t2(E)	275	#5	2'-1"	—
w(E)	60	#5	21'-3"	—
w1(E)	30	#5	24'-10"	—
w2(E)	60	#5	31'-5"	—
Reinforcement Bars, Epoxy Coated		Lbs.	12,520	
Concrete Structure		Cu. Yds.	101.3	

Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

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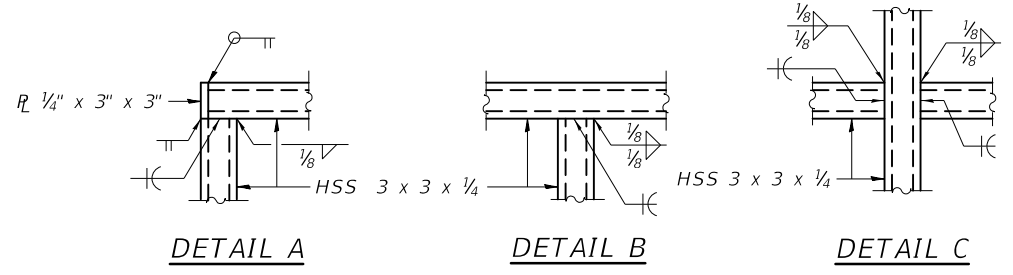
<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9275 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>	USER NAME = mmichalowicz	DESIGNED - MLM	REVISED - _____
	PLOT SCALE = 2"	DRAWN - MLM	REVISED - _____
	PLOT DATE = 11/11/2021	CHECKED - MEK	REVISED - _____
		DATE - 11/11/2021	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

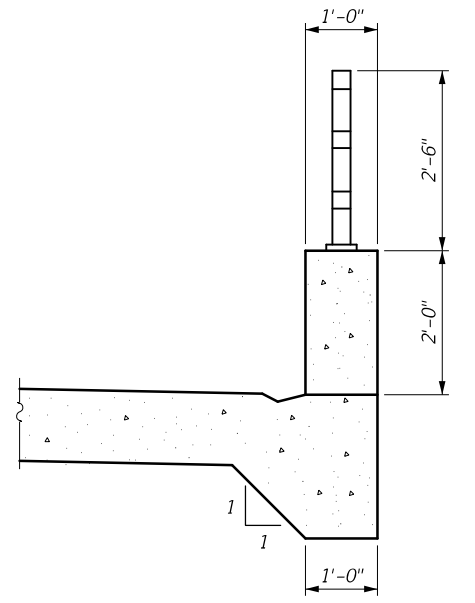
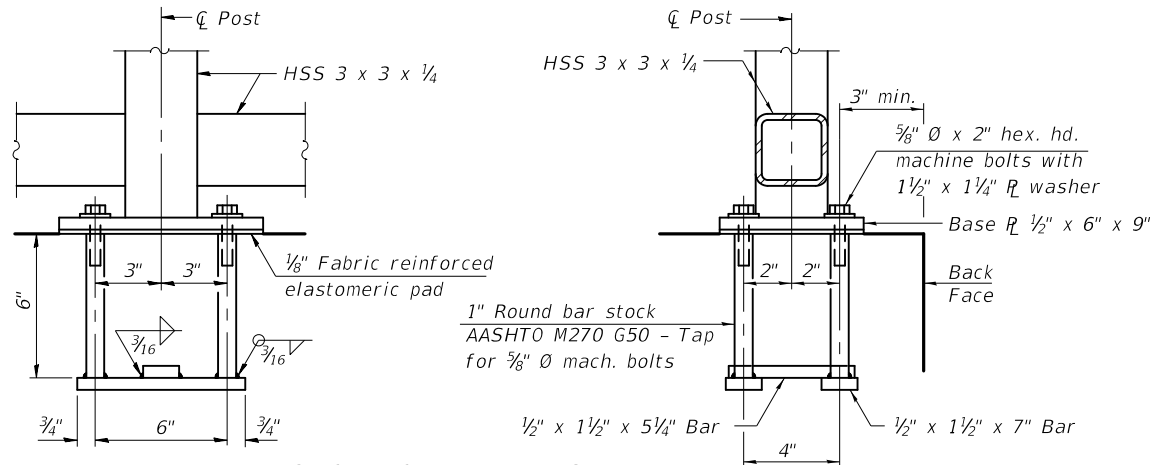
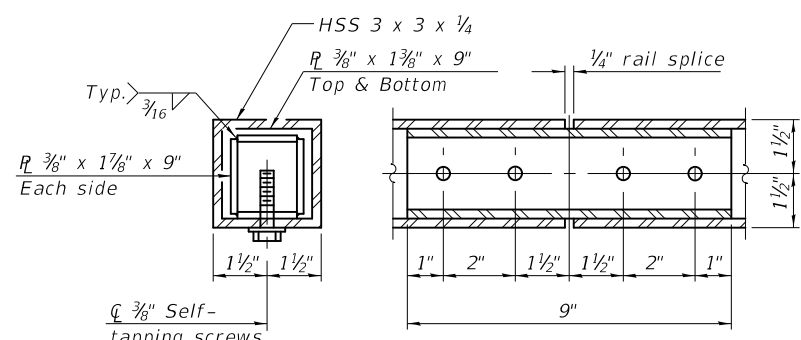
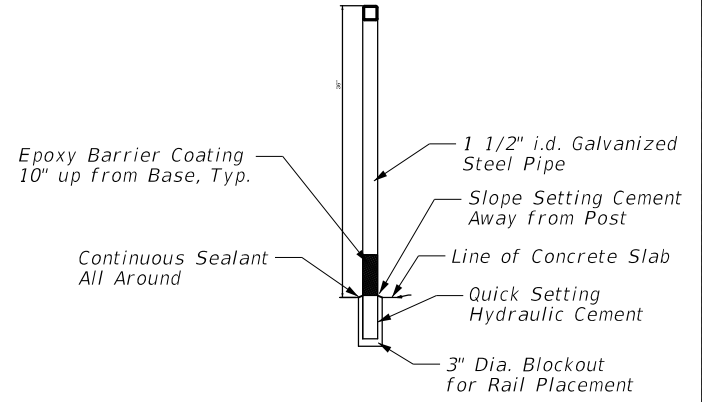
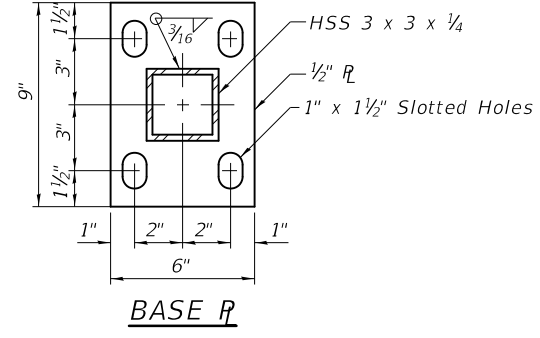
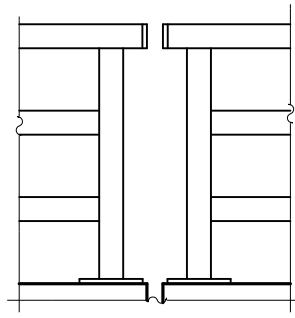
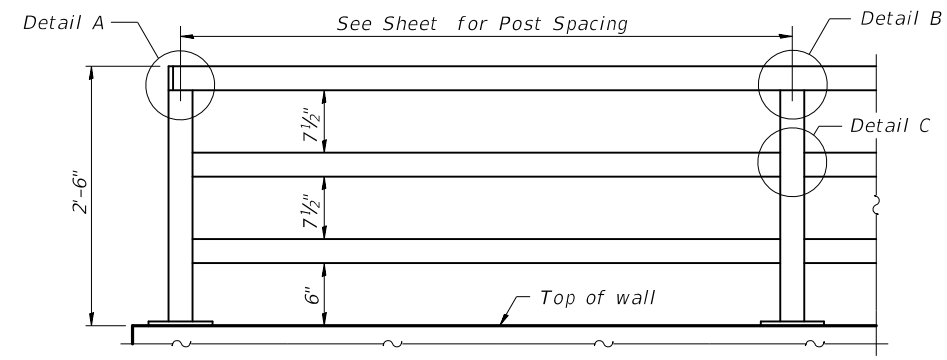
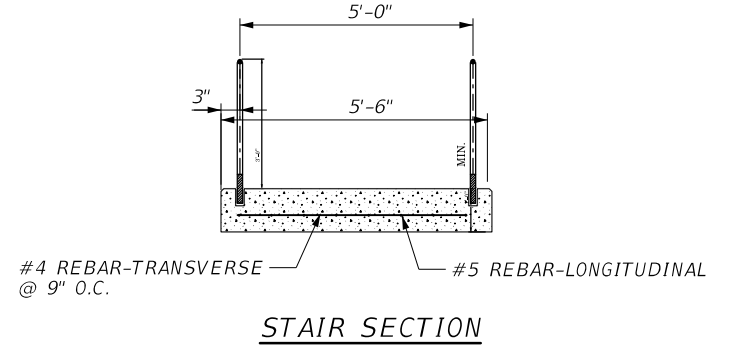
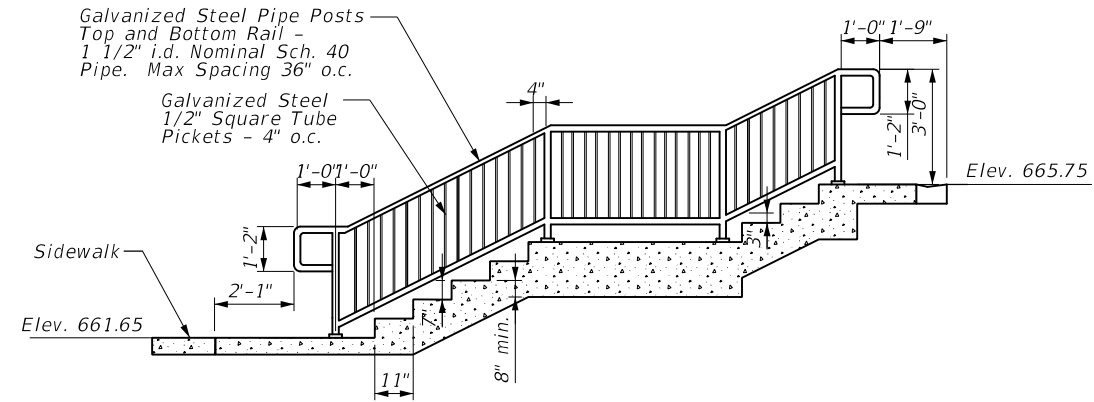
**SECTION AND DETAILS
PROPOSED RETAINING WALL**

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00065-00-BT	COOK	35	24
			CONTRACT NO. 61H69	
ILLINOIS FED. AID PROJECT				



All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.



Notes:
All structural steel tubing, post and railing, for parapet railing shall be CVN tested according to 1006.34(b) of the Standard Specifications.
CVN testing may be omitted for the Bicycle Railing.

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" Ø anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

BILL OF MATERIAL

Item	Unit	Quantity
Parapet Railing	Foot	225
Pipe Handrail	Foot	44

MODEL: Default
FILE: B:\MISC\BicyclePath\Struct\210001-14.dwg
DATE: 11/11/2021 10:00:00 AM

<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9275 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>	USER NAME = mmichalowicz	DESIGNED - MLM	REVISED -
	PLOT SCALE = 2"	DRAWN - MLM	REVISED -
	PLOT DATE = 11/11/2021	CHECKED - MEK	REVISED -
		DATE - 11/11/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BICYCLE PATH RAILING
AND STAIR DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	25
CONTRACT NO. 61H69			ILLINOIS FED. AID PROJECT	

PROJECT **Retaining Wall Structures, Old Green Bay Trail, Glencoe, IL**

CLIENT **Christopher B. Burke Engineering, Ltd., Evanston, IL**

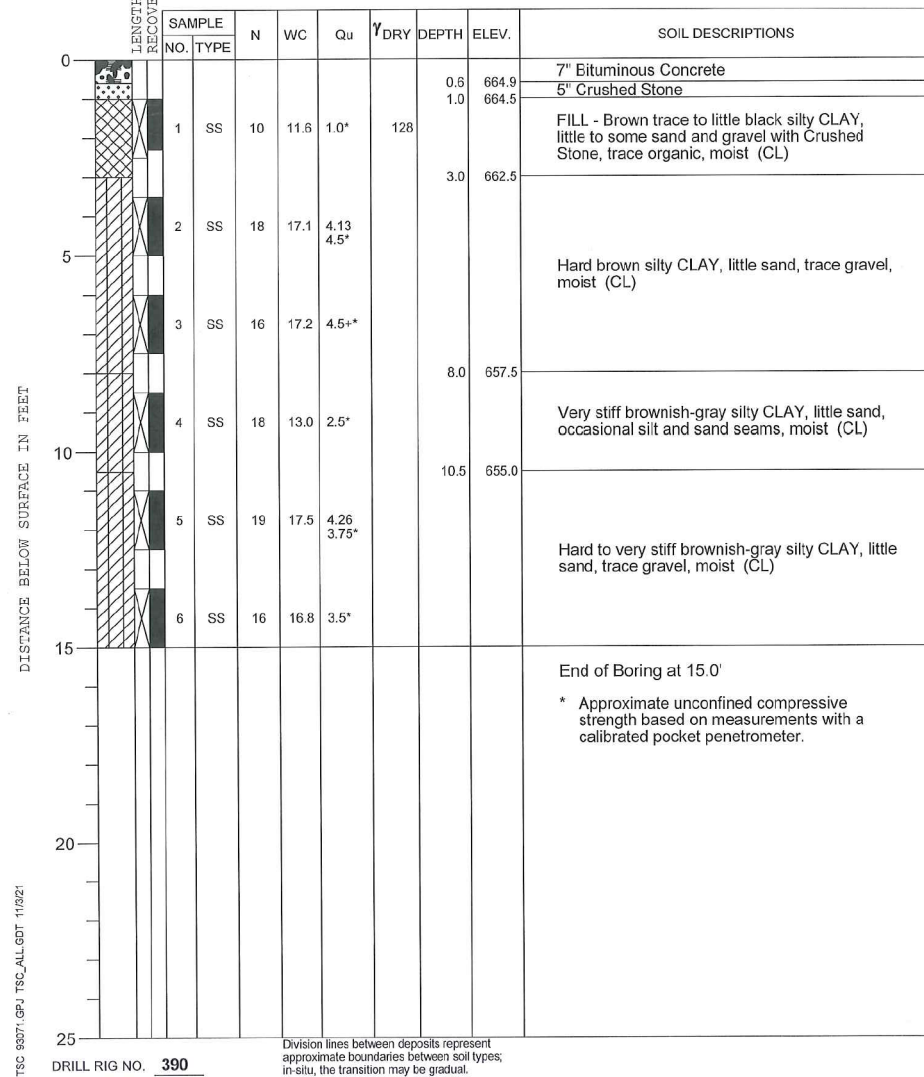
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ELEVATIONS WATER LEVEL OBSERVATIONS

GROUND SURFACE **665.5** WHILE DRILLING **Dry**

END OF BORING **650.5** AT END OF BORING **Dry**

24 HOURS



PROJECT **Retaining Wall Structures, Old Green Bay Trail, Glencoe, IL**

CLIENT **Christopher B. Burke Engineering, Ltd., Evanston, IL**

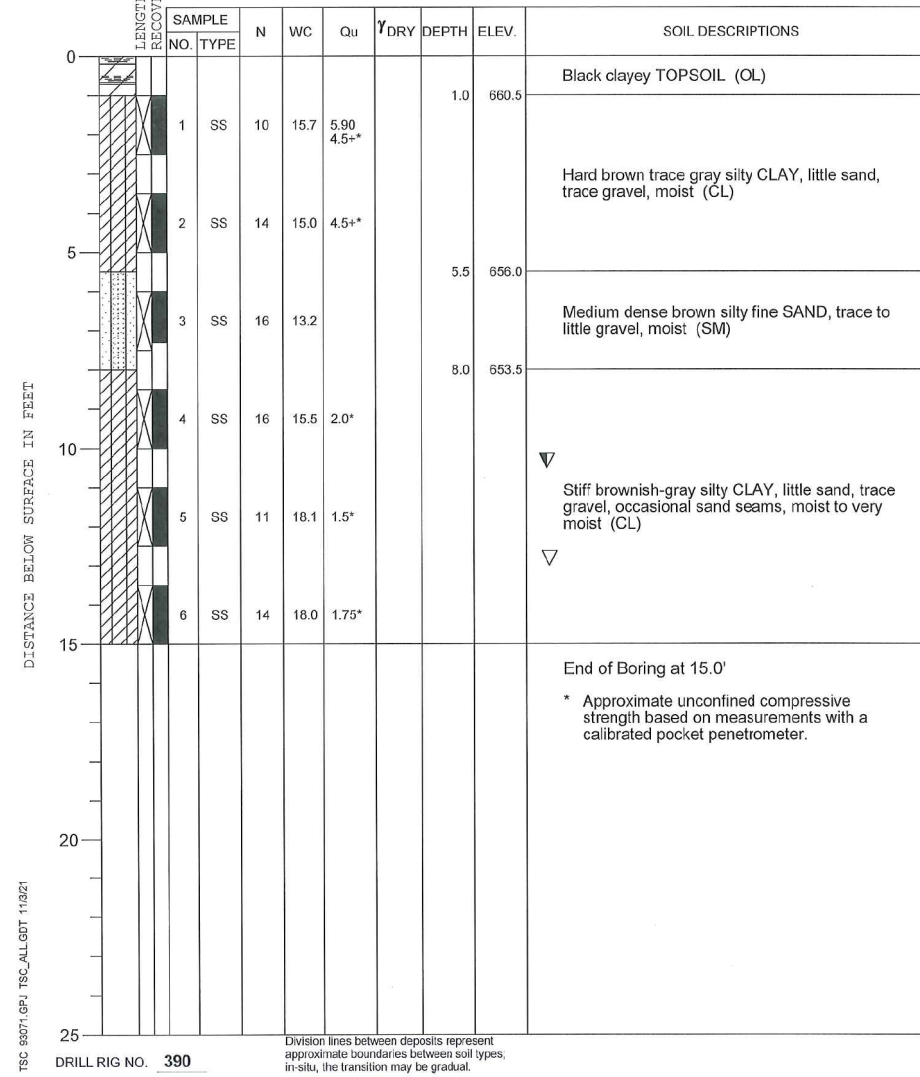
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ELEVATIONS WATER LEVEL OBSERVATIONS

GROUND SURFACE **661.5** WHILE DRILLING **10.5'**

END OF BORING **646.5** AT END OF BORING **13.0'**

24 HOURS



PROJECT **Retaining Wall Structures, Old Green Bay Trail, Glencoe, IL**

CLIENT **Christopher B. Burke Engineering, Ltd., Evanston, IL**

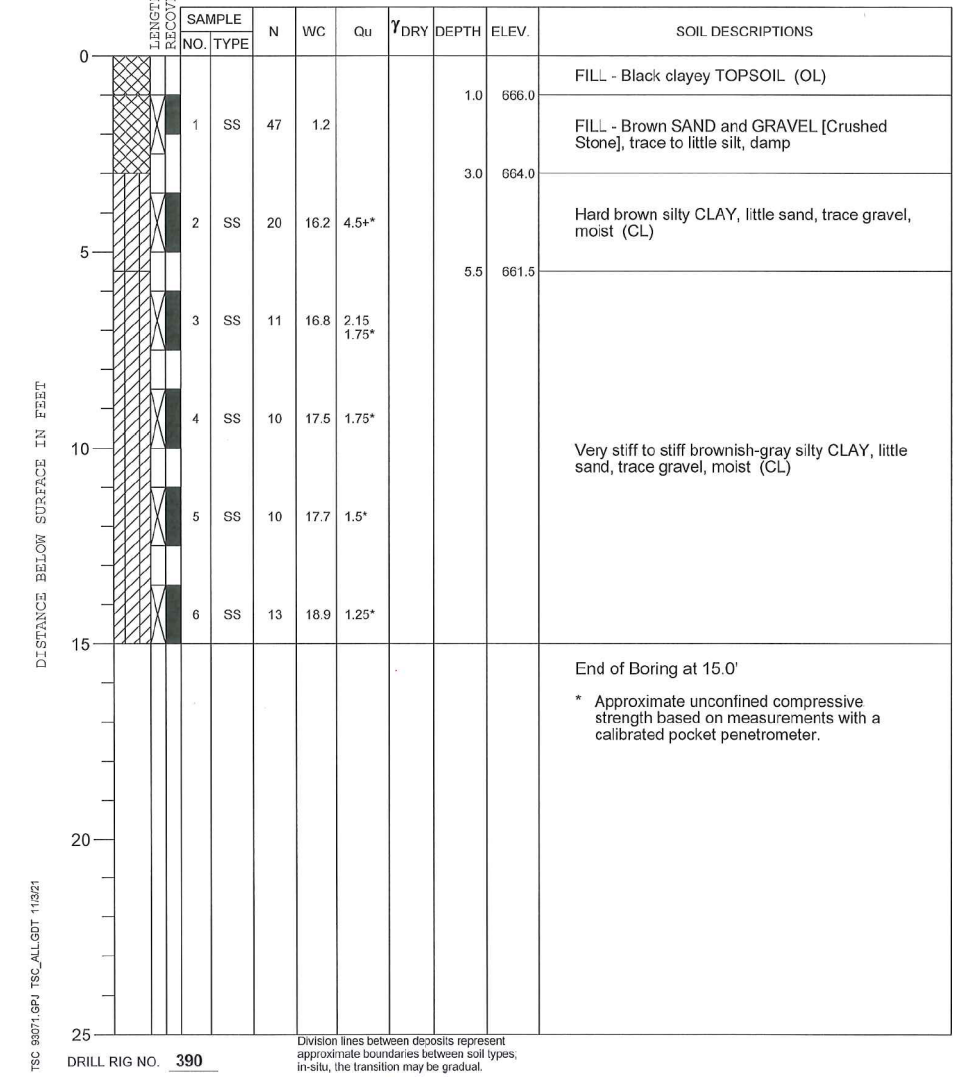
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ELEVATIONS WATER LEVEL OBSERVATIONS

GROUND SURFACE **667.0** WHILE DRILLING **Dry**

END OF BORING **652.0** AT END OF BORING **Dry**

24 HOURS



MODEL: D:\p\h\...
FILE: NAME: ...



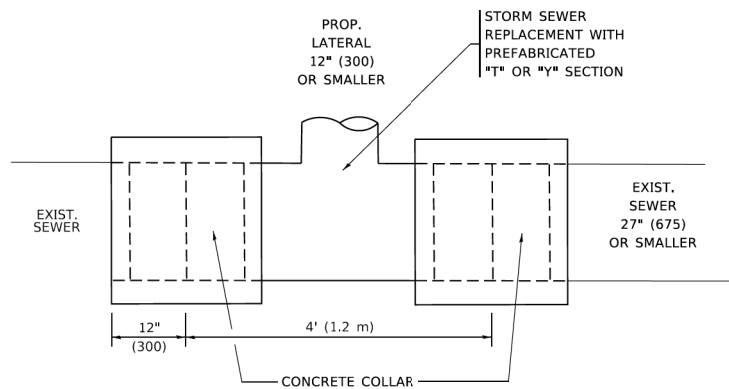
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PLOT SCALE = 2"	CHECKED - MEK	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

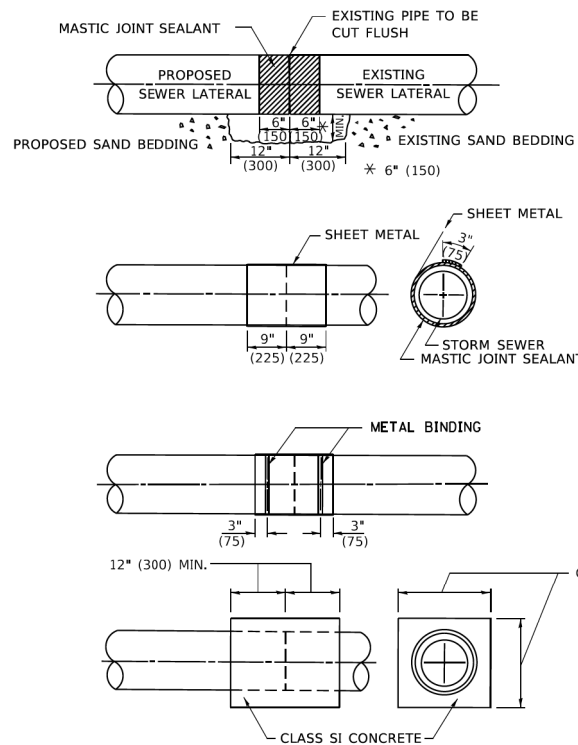
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-0065-00-BT	COOK	35	26
CONTRACT NO. 61H69				
ILLINOIS FED. AID PROJECT				



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



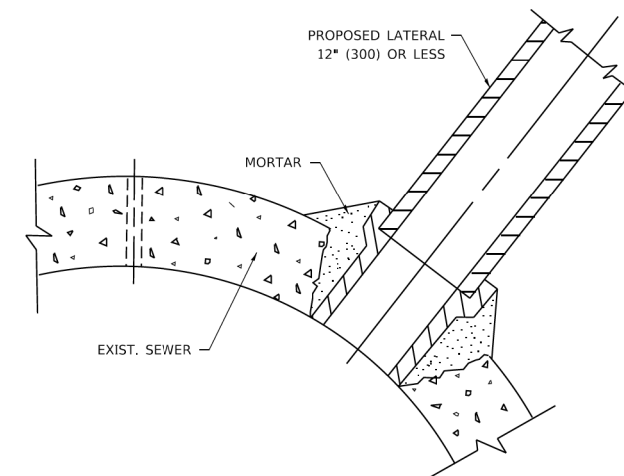
DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

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



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

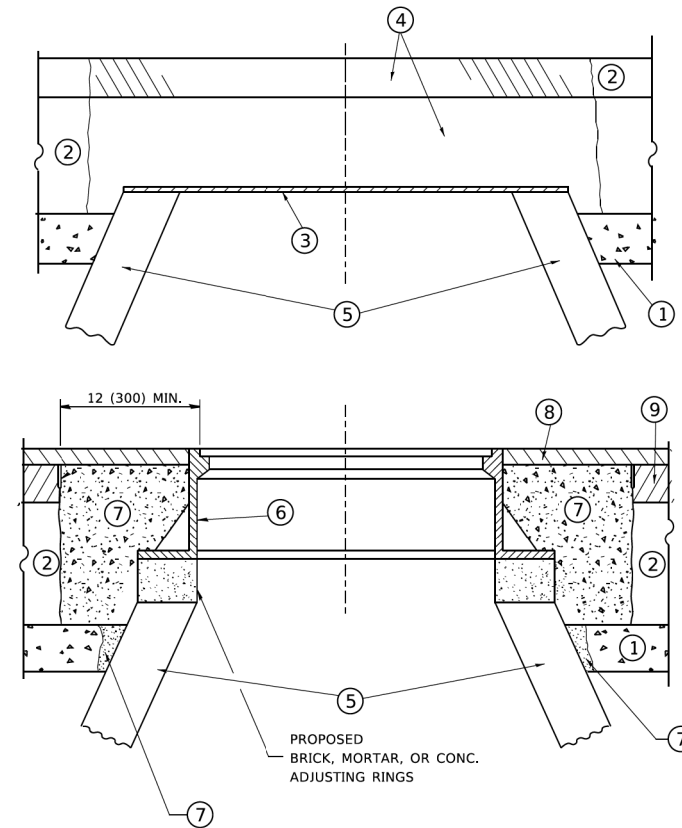
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	27
BD500-01 (BD-7)			CONTRACT NO. 61H69	
ILLINOIS FED. AID PROJECT				

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

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CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 * CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ⑥ FRAME AND LID (SEE NOTES)
- ② EXISTING PAVEMENT
- ⑦ CLASS PP-1 *CONCRETE
- ③ 36 (900) DIAMETER METAL PLATE
- ⑧ PROPOSED HMA SURFACE COURSE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑨ PROPOSED HMA BINDER COURSE
- ⑤ EXISTING STRUCTURE

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

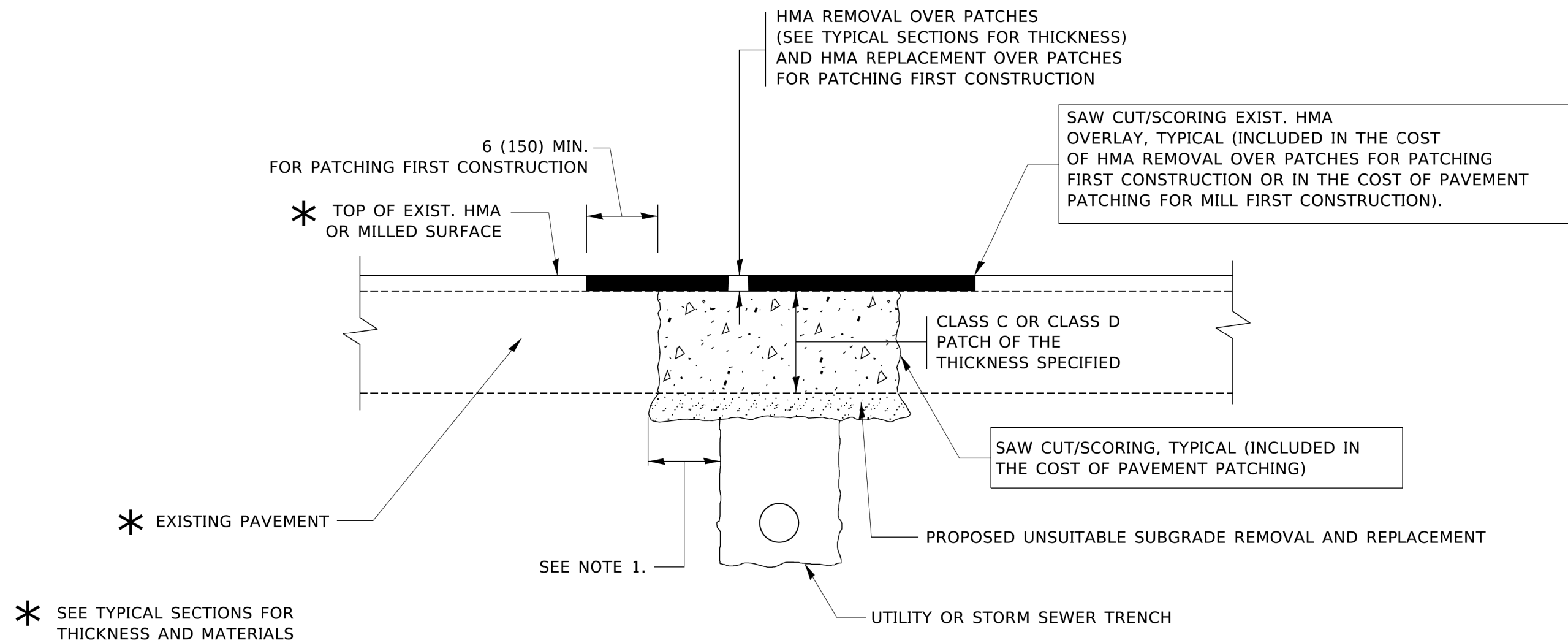
**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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BD600-03 (BD-8)			CONTRACT NO. 61H69	
ILLINOIS FED. AID PROJECT				

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

USER NAME - footernj	DESIGNED - R. SHAH	REVISED - R. WEDEMAN 05-14-04	
	DRAWN -	REVISED - R. BORO 01-01-07	
PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED - R. BORO 03-09-11	
PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11	

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NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

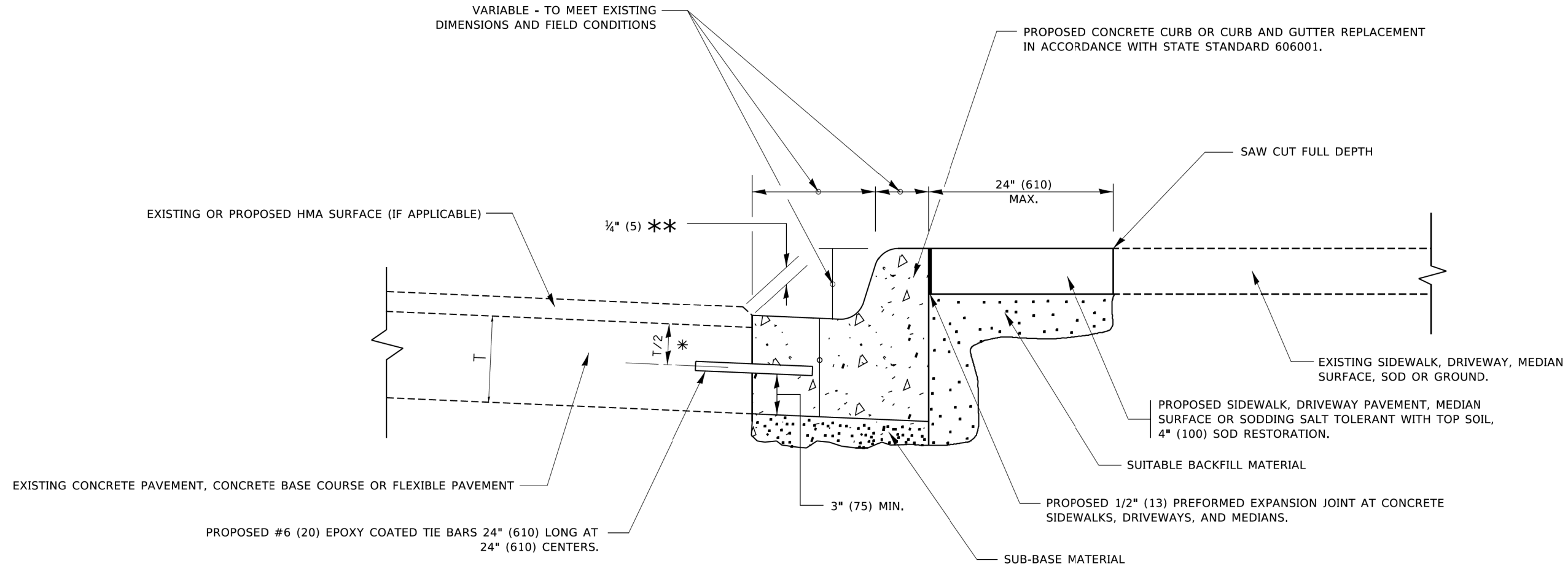
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	29
BD400-04 (BD-22)		CONTRACT NO. 61H69		
ILLINOIS FED. AID PROJECT				

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

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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.

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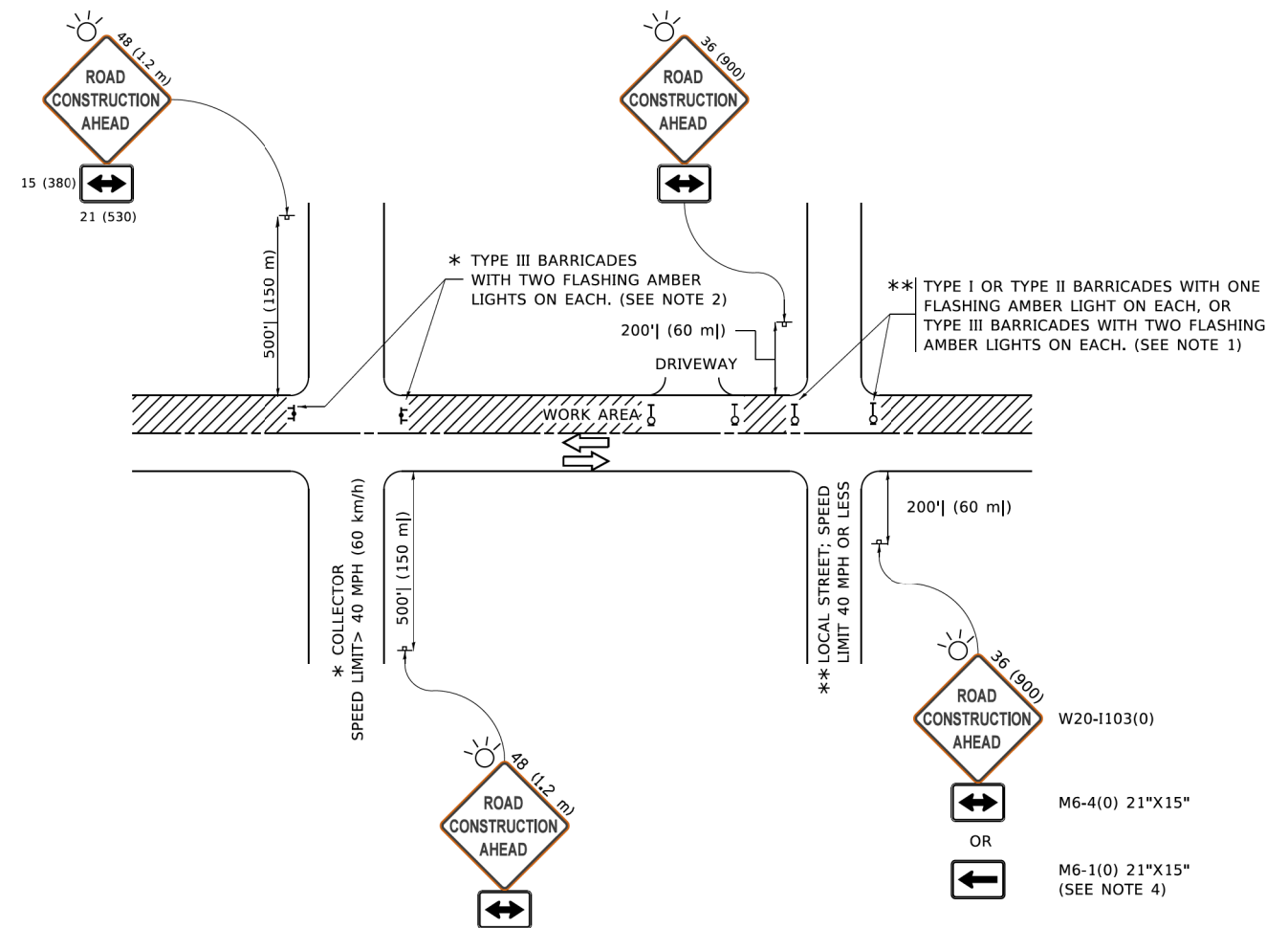
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		DRAWN	-	REVISED	- M. GOMEZ 01-22-01
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PLOT DATE	= 7/11/2019	DATE	- 03-11-94	REVISED	- K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	30
BD600-06 (BD-24)		CONTRACT NO. 61H69		
ILLINOIS FED. AID PROJECT				



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.
- 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.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

USER NAME	- footernj	DESIGNED	- L.H.A.	REVISED	- A. HOUSEH 10-15-95
		DRAWN	-	REVISED	- T. RAMMACHER 01-06-00
PLOT SCALE	= 50,0000' / in.	CHECKED	-	REVISED	- A. SCHUETZE 07-01-13
PLOT DATE	= 3/4/2019	DATE	- 06-89	REVISED	- A. SCHUETZE 09-15-16

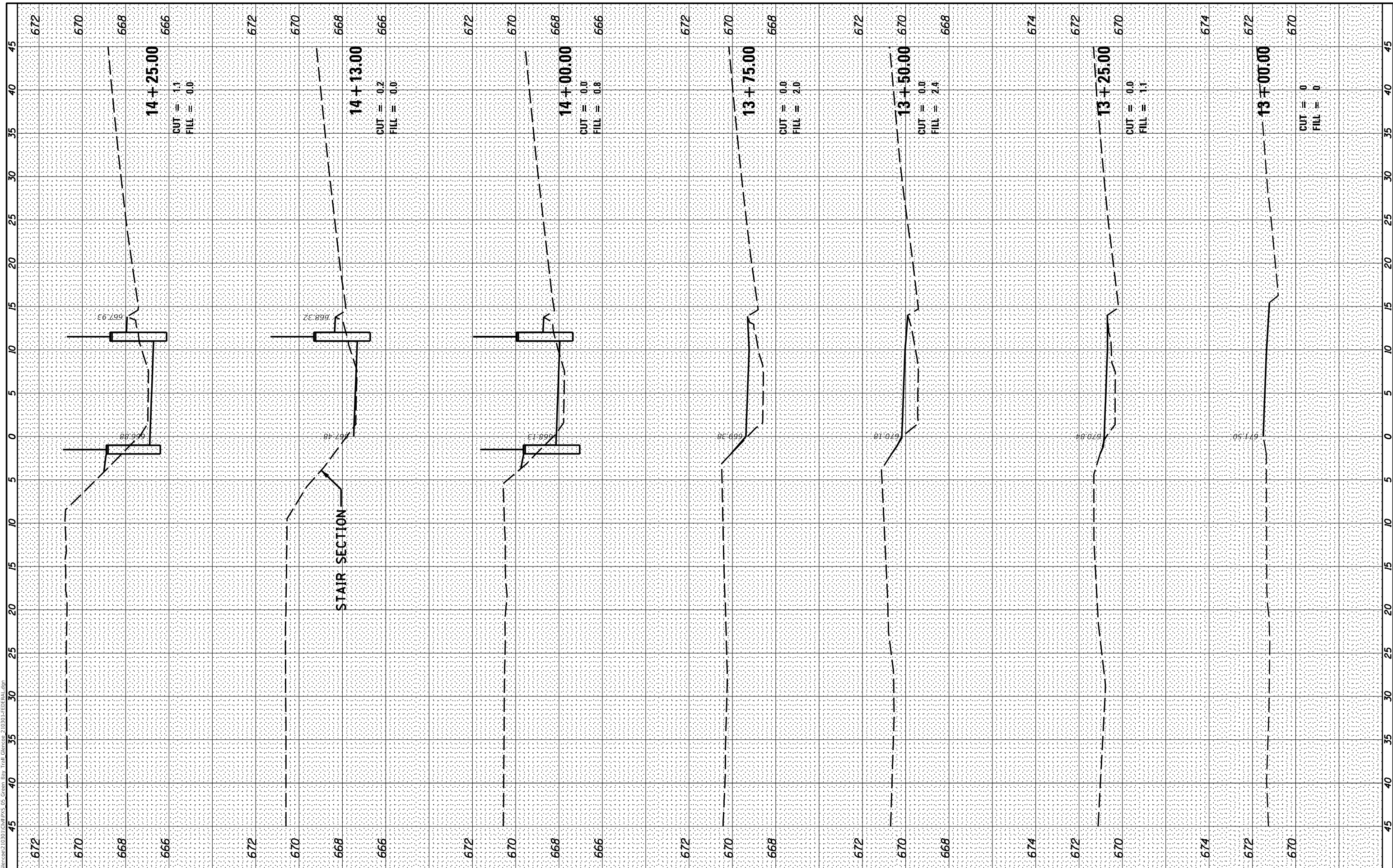
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	31
TC-10			CONTRACT NO. 61H69	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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USER NAME = mmichalowicz	DESIGNED - DOC	REVISOR -
	DRAWN - DOC	REVISOR -
PLOT SCALE = 10'	CHECKED - CMF	REVISOR -
PLOT DATE = 10/05/2021	DATE - 10/04/2021	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET OF SHEETS		STA. 13+00.00 TO STA. 14+25.00	
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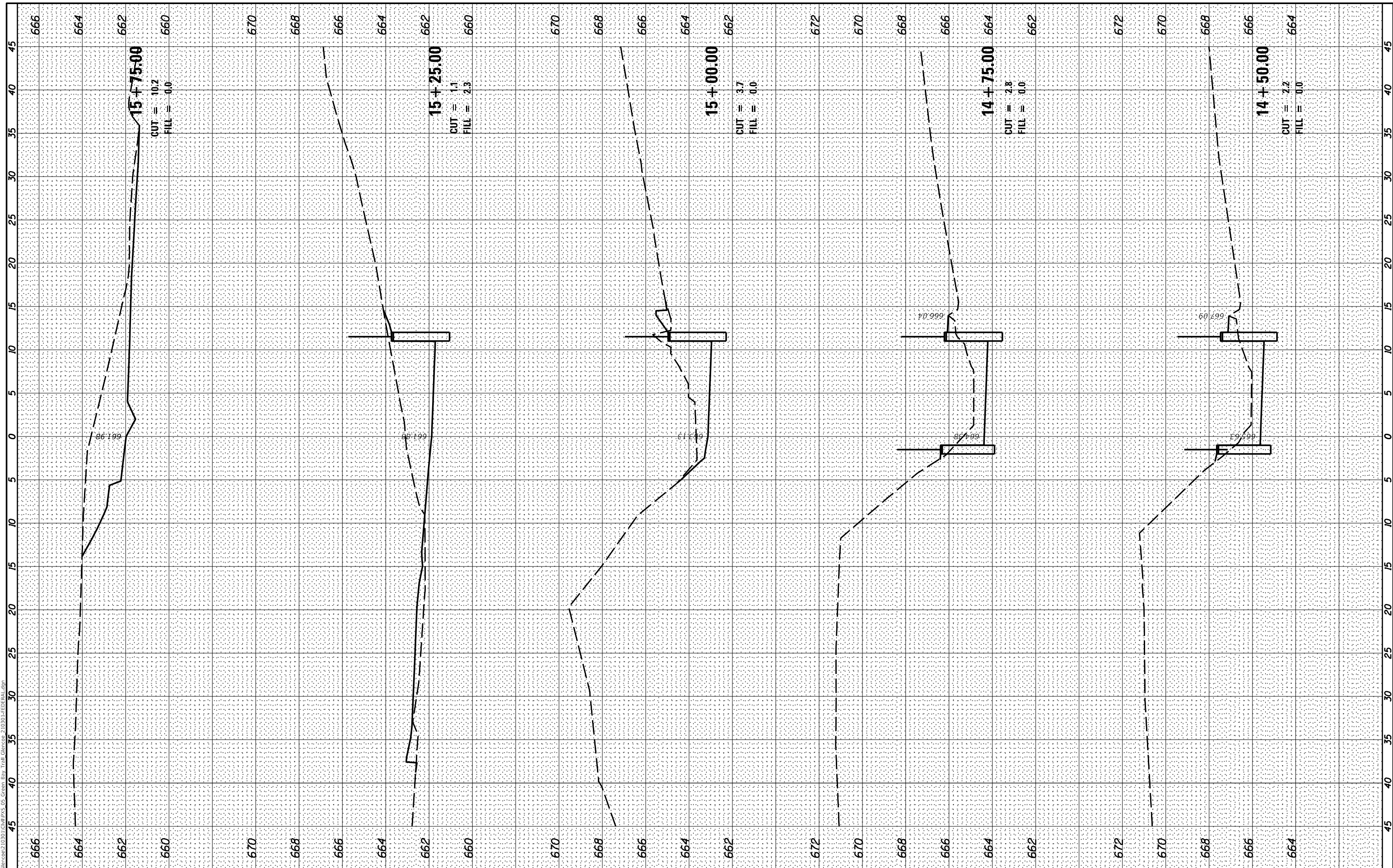
CROSS SECTIONS

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61H69				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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USER NAME = mmichalowicz	DESIGNED - DOC	REVISED -
PLOT SCALE = 10'	DRAWN - DOC	REVISED -
PLOT DATE = 10/05/2021	CHECKED - CMF	REVISED -
	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

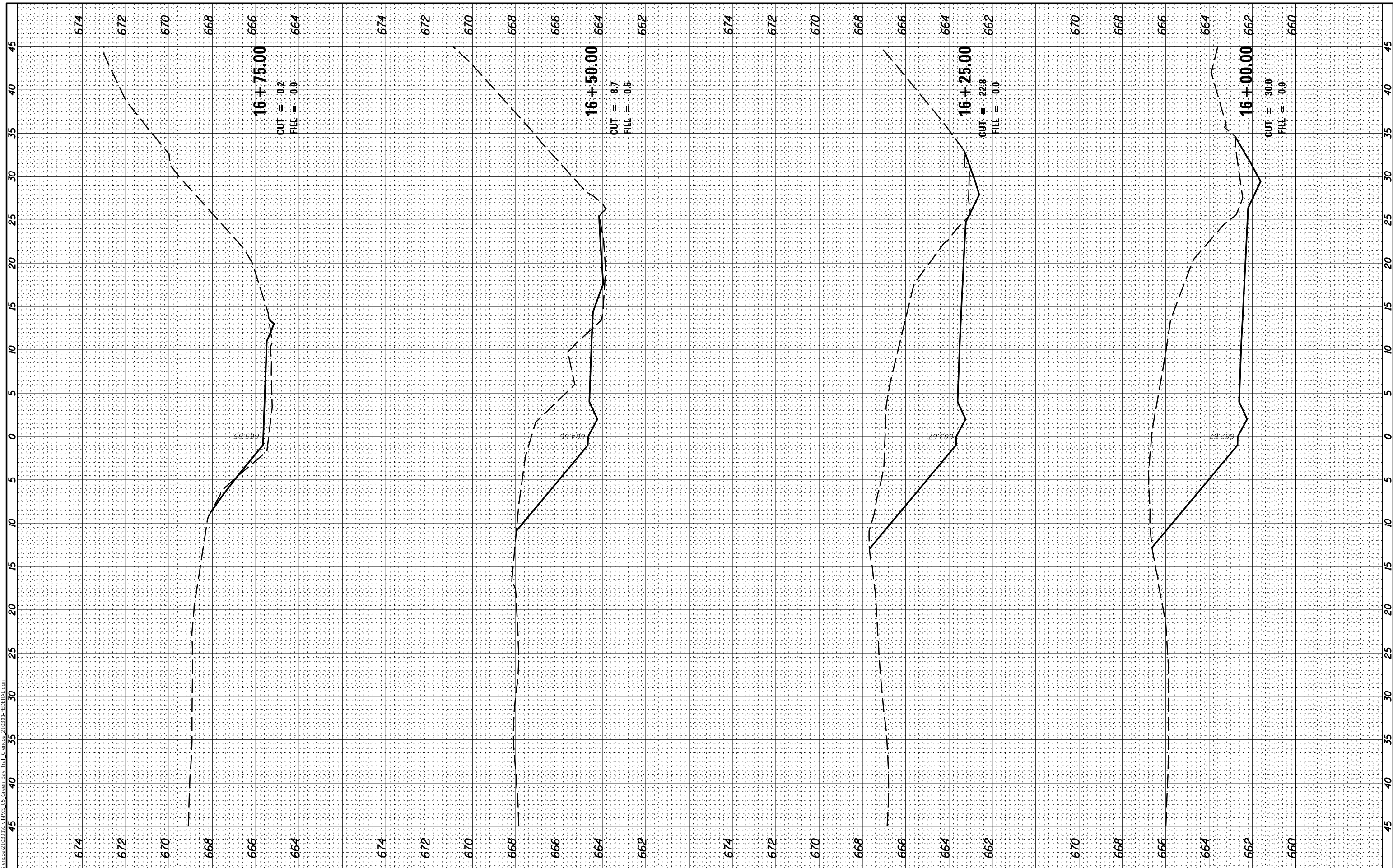
CROSS SECTIONS	
SCALE:	SHEET OF SHEETS
STA. 14+50.00	TO STA. 15+75.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	33
CONTRACT NO. 61H69				
ILLINOIS	FED. AID PROJECT			

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Defn.rvt
 FILE NAME: R:\Bldg\cadd\210301\61H69\61H69_05.dwg
 User: mmichalowicz
 Plot Date: 10/04/2021



USER NAME = mmichalowicz	DESIGNED - DOC	REVISIONS
	DRAWN - DOC	REVISIONS
PLOT SCALE = 10'	CHECKED - CMF	REVISIONS
PLOT DATE = 10/04/2021	DATE - 10/04/2021	REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

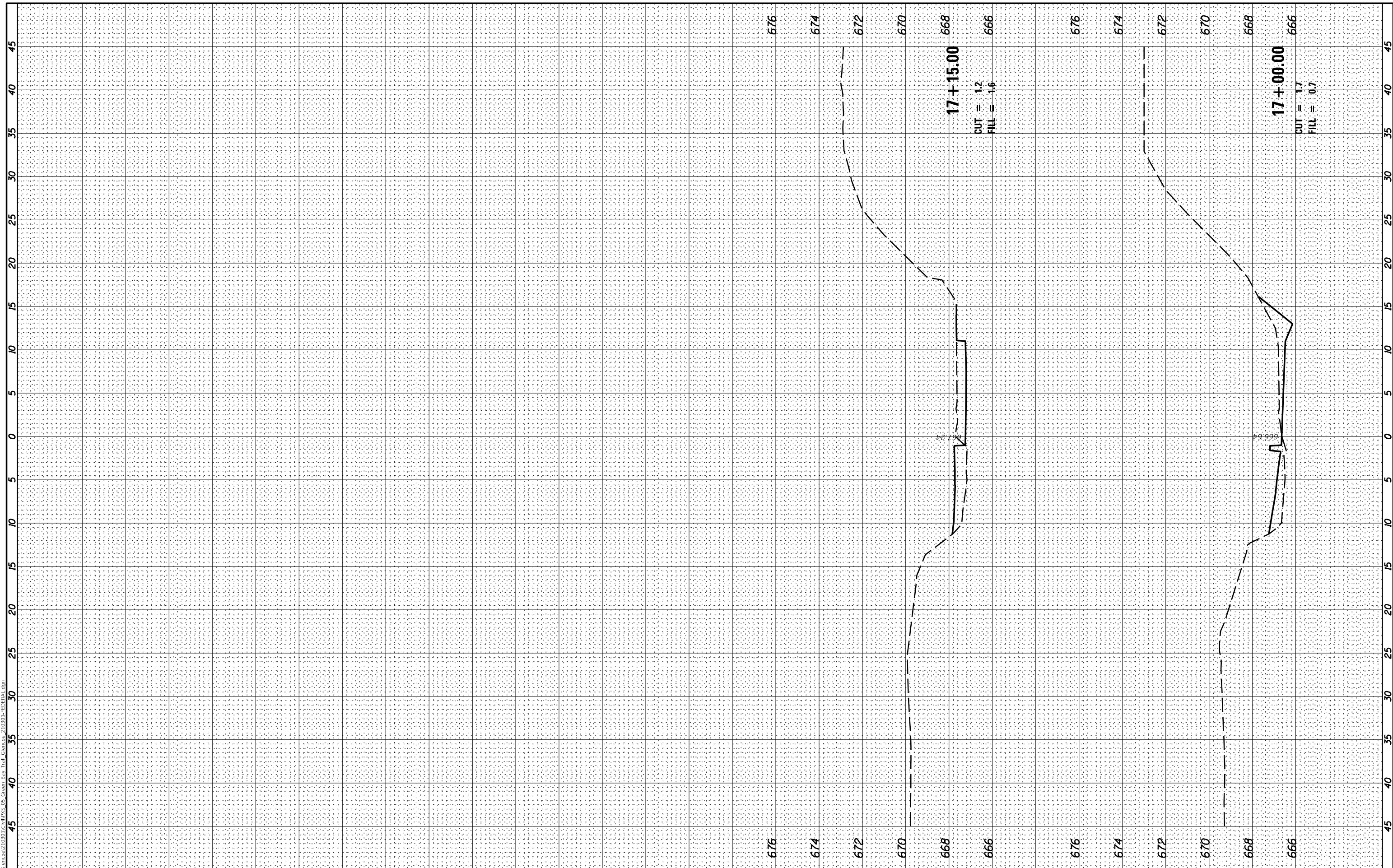
SCALE: SHEET OF SHEETS STA. 16+00.00 TO STA. 16+75.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	34
CONTRACT NO. 61H69				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Defnair
 FILE NAME: R:\Bldg\cadd\210301\CV\IP\AS 05 Green.dwg
 User: Trail Blazer\210301\FEDRAL.dgn



USER NAME = mmichalowicz	DESIGNED - DOC	REVISIED -
PLOT SCALE = 10'	DRAWN - DOC	REVISIED -
PLOT DATE = 10/05/2021	CHECKED - CMF	REVISIED -
	DATE - 10/04/2021	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE:	SHEET OF SHEETS
STA. 17+00.00	TO STA. 17+15.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00065-00-BT	COOK	35	35
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H69	