

01-17-2025 LETTING ITEM 129

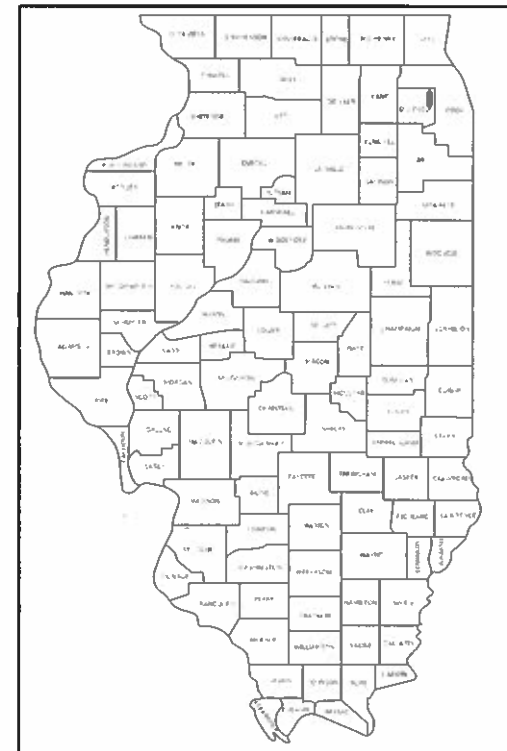
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FOR INDEX OF SHEETS AND LIST OF STATE STANDARDS, SEE SHEET NO. 2

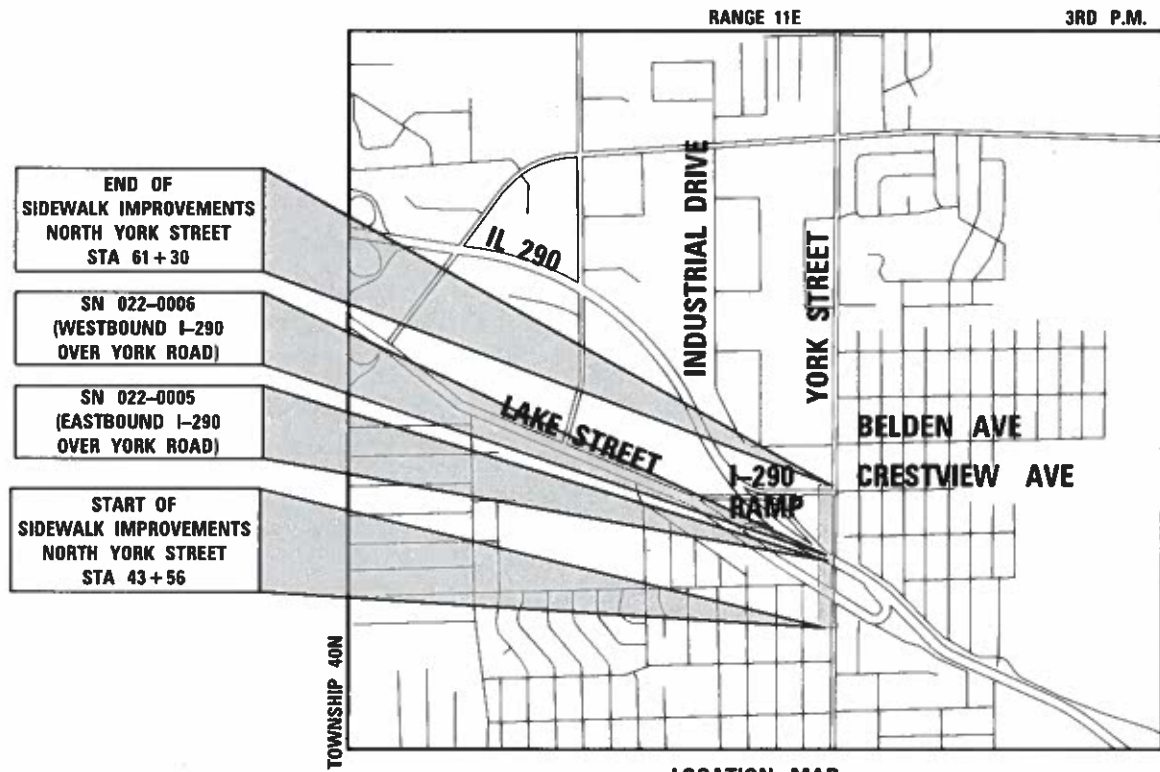
TRAFFIC DATA:	ADT 2018	POSTED SPEED	DESIGN SPEED
NORTH YORK STREET	33,800	30	30
LAKE STREET	14,000	45	45
CRESTVIEW AVENUE	5,500		
WESTBOUND I-290			
ENTRANCE/EXIT RAMP	13,700		

**FAU ROUTE 2678AYORK STREET
U.S. ROUTE 20 (LAKE STREET) TO CRESTVIEW AVENUE
SECTION 17-00188-00-SW
JOB NO. C-91-186-20
PROJECT NO. 73KW(293)
NORTH YORK STREET SIDEWALK CONSTRUCTION PROJECT
CITY OF ELMHURST
DUPAGE COUNTY**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	1
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LOCATION OF SECTION INDICATED THUS: —



END OF SIDEWALK IMPROVEMENTS NORTH YORK STREET STA 61+30

SN 022-0006 (WESTBOUND I-290 OVER YORK ROAD)

SN 022-0005 (EASTBOUND I-290 OVER YORK ROAD)

START OF SIDEWALK IMPROVEMENTS NORTH YORK STREET STA 43+56



LOCATION MAP NOT TO SCALE

PROJECT LENGTH:
YORK STREET (STA 44+00 TO STA 61+30) - 1,730 FT (0.3276 MI) (GROSS & NET)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED *MAY 22* 20 *24*
[Signature]
CITY OF ELMHURST

PASSED *NOV 4* 20 *24*
[Signature]
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW *NOV 4* 20 *24*
[Signature] IR
REGIONAL ENGINEER

APPLIES TO SHEETS 1 - 50 , 82 - 99

[Signature] 5/22/2024
REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2025

APPLIES TO SHEETS 63 - 72

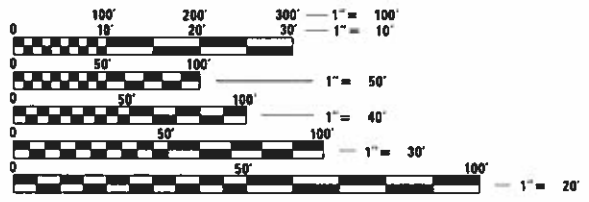
[Signature] 5/22/2024
REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2025

APPLIES TO SHEETS 51 - 62

[Signature] 5/22/2024
REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2025

APPLIES TO SHEETS 73 - 81

[Signature] 5/22/2024
REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2025



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

PLANS PREPARED BY:
CIVILTECH
Two Pierce Place, Suite 1400 - Itasca, Illinois 60143
Tel: 630.773.3900 - Fax: 630.773.3975
www.civiltechinc.com

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

CONTRACT NO. 61K01

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS:

"STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022 (REFERRED TO AS THE "STANDARD SPECIFICATIONS")

"SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2024

AND THE CURRENT EDITION OF THE FOLLOWING:
"MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"

"MANUAL OF TEST PROCEDURES FOR MATERIALS"
"STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".

ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST I.D.O.T. STANDARD.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH LOCAL EMERGENCY SERVICES AND THE CITY OF ELMHURST USING THE FOLLOWING TELEPHONE NUMBERS:

POLICE DEPARTMENT: (630) 530-3050

FIRE DEPARTMENT: (630) 530-3090
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING AND PROPOSED UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS, IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS AND REFERENCE MARKERS UNTIL THE OWNER, OWNER'S REPRESENTATIVE, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES THAT OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY, PRIOR TO ACCEPTANCE OF IMPROVEMENT ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.
- THE CONTRACTOR SHALL NOT SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR THE CITY.
- THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS, AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS IS NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT-MIX ASPHALT MIXTURES ARE TO BE PLACED.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, SIDEWALKS, PCC PAVEMENT, AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FRESH CONCRETE FROM DAMAGE AND VANDALISM. ANY DAMAGED OR VANDALIZED CONCRETE SHALL BE REMOVED AND REPLACED.
- ALL OFFSET LOCATIONS IN N THE DETAILED PLANS FOR ADA RAMPS, PAVEMENT MARKINGS, ETC. ARE FROM THE CONSTRUCTION BASE LINE AS SHOWN ON THE PLANS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.
- SUPPLEMENTAL WATERING SHALL BE PERFORMED WHEN DIRECTED BY THE ENGINEER AT A RATE OF 27 GAL PER SQ YD FOR SODDED AREAS.
- TEMPORARY INFORMATION SIGNING AND CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AT NORTH AND SOUTH PROJECT LIMITS. ADDITIONAL TEMPORARY INFORMATION SIGNING SHALL BE PLACED ON ALL SIDE ROADS OR AS DIRECTED BY THE ENGINEER, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE EXACT LOCATION SHALL BE DIRECTED BY THE ENGINEER.

- TREE ROOT PRUNING SHALL BE USED WHERE NECESSARY IN AREAS OF PROPOSED SIDEWALK AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL USE CAUTION WHEN WORKING NEAR AND UNDER OVERHEAD UTILITY FACILITIES.
- WHEN CONSTRUCTION SIDEWALK RAMPS FOR THE HANDICAPPED, STATE STANDARDS LISTED IN THE HIGHWAY STANDARD INDEX SHALL APPLY. THE PROPOSED ELEVATIONS SHALL BE UTILIZED UNLESS FIELD CONDITIONS NECESSITATE DEVIATING FROM THE ELEVATIONS IN ORDER TO MEET ALL SLOPE REQUIREMENTS.
- THE CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS AND IN ACCORDANCE WITH IDOT SIGNING STANDARDS.
 - SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 - EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS NEEDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
 - ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DIRECTED BY THE ENGINEER.
 - ALL UNUSED SIGNS WILL BE RETURNED TO THE CITY OF ELMHURST.
 - LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
- ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. BOTH DIRECTIONS OF TRAVEL (1 LANE IN EACH DIRECTION) SHALL BE MAINTAINED AT ALL TIMES AS DIRECTED BY THE ENGINEER. ANY LANE CLOSURES OR DRIVEWAY ENTRANCES SHALL BE MAINTAINED AT ALL TIMES. NO CLOSURES TO SIDE ROADS OR DRIVEWAYS SHALL OCCUR.
- PROPOSED IMPROVEMENTS SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL IDOT HIGHWAY STANDARDS.
- STOP SIGNS AND STOP BARS ARE TO BE MAINTAINED ON ALL ROADS THROUGH THE DURATION OF CONSTRUCTION.
- POSITIVE DRAINAGE WITHIN THE WORK ZONE MUST BE MAINTAINED AT ALL TIMES.
- THE DETECTABLE WARNINGS FOR THE ADA RAMP IMPROVEMENTS SHALL BE SUPPLIED BY MANUFACTURER: ADA SOLUTIONS, INC AND SHALL BE THE CAST IN PLACE REPLACEABLE TACTILE PANELS. THE DETECTABLE WARNINGS SHALL BE APPROVED BY THE ENGINEER.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT HAVE BEEN PROVIDED FOR USE AT LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR1.
- PER THE ILLINOIS LAWN CARE PRODUCTS APPLICATION NOTICE ACT 096-1005, PHOSPHORUS FERTILIZER NUTRIENT SHALL NOT BE USED.
- 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.
- EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNANAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

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701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
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878001-11	CONCRETE FOUNDATION DETAILS
886006-01	DETECTOR LOOP INSTALLATION

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CADD FILE NAME	
NOTE BOOK NO.		

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.		



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www.civiltechinc.com

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CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
GENERAL NOTES AND INDEX**

SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	2
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SURVEY

- ELEVATIONS ARE BASED ON MULTIPLE G.P.S. OBSERVATIONS AT TRAVERSE STATION #1 AND TRAVERSE STATION #3, MEASURED ON SEPTEMBER 25, 2018 AND SEPTEMBER 26, 2018.
 TRAVERSE STATION #1 NAVD '88 ELEVATION 686.91
 TRAVERSE STATION #3 NAVD '88 ELEVATION 685.68

BENCHMARKS			
BENCHMARK NAME	DESCRIPTION	ELEVATION	DETAIL
TBM #1	CROSS CUT (SET) IN SOUTHWEST FLANGE BOLT OF FIRE HYDRANT IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF YORK STREET AND LAKE STREET.	688.44	NAVD '88
TBM #2	BOX CUT (SET) IN SOUTHEAST CORNER OF CONCRETE OF FIRST ELECTRIC VAULT NORTH OF I-290 BRIDGE OVER YORK STREET.	682.94	NAVD '88
TBM #3	FOUND BOX CUT IN CONCRETE BASE FOR TRAFFIC SIGNAL IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF YORK STREET AND CRESTVIEW AVENUE.	685.61	NAVD '88

- BEARINGS AND COORDINATES ARE REFERENCED TO THE ILLINOIS COORDINATE SYSTEM NAD 83(2011) EAST ZONE.
- ALL MEASURED AND COMPUTED DISTANCES ARE GRID NOT GROUND. TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.9999605647.

COMMITMENTS

- PACE WILL BE CONTACTED 10 DAYS PRIOR TO THE START OF CONSTRUCTION.
- TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR IN ORDER TO CONSERVE THE THREATENED AND ENDANGERED NORTHERN LONG EARED BAT (NLEB).

POINTS OF CONTACT

CITY OF ELMHURST
 TED SIANIS P.E.
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 209 N. YORK ST
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CITY OF ELMHURST
 STANLEY BALICKI
 DIRECTOR OF PUBLIC WORKS
 209 N. YORK ST
 ELMHURST, IL 60126
 stanley.balicki@elmhurst.org
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CITY OF ELMHURST
 POLICE DEPARTMENT
 125 E. FIRST STREET
 ELMHURST, IL 60126
 policeinfo@elmhurst.org
 (630) 530-3050

CITY OF ELMHURST
 FIRE DEPARTMENT
 404 N. YORK STREET
 ELMHURST, IL 60126
 fireinfo@elmhurst.org
 (630) 530-3090

DATE	BY	SURVEYED	CHECKED
		PLANNED	ALIGNED
		NOTED	FILED
		NO.	NO.

DATE	BY	SURVEYED	CHECKED
		PLANNED	ALIGNED
		NOTED	FILED
		NO.	NO.



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CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
 GENERAL NOTES AND INDEX**

SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW		99	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K01	

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED BY	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED BY	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
					STU FUNDS 75% FED 25% CITY			100% City		
					0021 Safety			0042		Non-Participating
					Roadway	Signals	Lighting	Trainees		
	20200100	EARTH EXCAVATION	CU YD	162	162					
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	145	145					
	20400800	FURNISHED EXCAVATION	CU YD	354	354					
	20800150	TRENCH BACKFILL	CU YD	20	20					
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	43	43					
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	240	240					
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	50	50					
X	25000310	SEEDING, CLASS 4	ACRE	0.25	0.25					
X	25000322	SEEDING, CLASS 5A	ACRE	0.25	0.25					
X	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	28	28					
X	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	28	28					
X	25200110	SODDING, SALT TOLERANT	SQ YD	253	253					
X	25200200	SUPPLEMENTAL WATERING	UNIT	5	5					
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	48	48					
	28000305	TEMPORARY DITCH CHECKS	FOOT	128	128					
	28000400	PERIMETER EROSION BARRIER	FOOT	1676	1676					

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DATE - 10/30/2024	REVISED -

CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
 SUMMARY OF QUANTITIES**

SHEET NO. 1 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K01	

PLAN	DATE
BY	
REVISED	
GRADES CHECKED	
ALIGNMENT CHECKED	
UTILITY CHECKED	
STAKEOUT	
NO. _____	

PROFILE	DATE
BY	
REVISED	
GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
NO. _____	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
					STU FUNDS 75% FED 25% CITY			100% City	
					0021 Safety			0042	Non-Participating
					Roadway	Signals	Lighting	Trainees	
	44000100	PAVEMENT REMOVAL	SQ YD	150	150				
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1103	1103				
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	17	17				
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1802	1802				
	44000600	SIDEWALK REMOVAL	SQ FT	712	712				
	44003100	MEDIAN REMOVAL	SQ FT	384	384				
	50104650	SLOPE WALL REMOVAL	SQ YD	349	349				
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	14790	14790				
	51100100	SLOPE WALL 4 INCH	SQ YD	74	74				
	52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	625	625				
	52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	192.6	192.6				
	X 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1				
	X 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	1	1				
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	232	232				
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	164	164				
	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2	2				

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CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
 SUMMARY OF QUANTITIES**

SHEET NO. 3 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DU PAGE	99	6
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K01	

PLAN	SURVEYED	DATE
NOTE BOOK NO.	ADJUSTED	BY
RD.	NOT CHECKED	
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	GOOD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	ADJUSTED	BY
RD.	NOT CHECKED	
	STRUCTURE NOTATION CHECKED	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				100% City
					STU FUNDS 75% FED 25% CITY			Non-Participating	
					0021 Safety				
					Roadway	Signals	Lighting		
	60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	275	275				
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2				
	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1				
	60255500	MANHOLES TO BE ADJUSTED	EACH	1	1				
	60260100	INLETS TO BE ADJUSTED	EACH	5	5				
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	1.3	1.3				
	60602800	CONCRETE GUTTER, TYPE B	FOOT	197	197				
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	184	184				
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1345	1345				
	60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	108	108				
	60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	93	93				
	60610900	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	88	88				
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2042	2042				
	60623200	CONCRETE MEDIAN, TYPE SM-6.24	SQ FT	231	231				
X	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	700	700				
X	66900400	SPECIAL WASTE GROUNDWATER DISPOSAL	GALLON	265	265				

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CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
 SUMMARY OF QUANTITIES**

SHEET NO. 4 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
267B	17-00188-00-SW	DUPAGE	99	7
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61K01	

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SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
					STU FUNDS 75% FED 25% CITY			100% City		
					0021 Safety			0042	Non-Participating	
					Roadway	Signals	Lighting	Trainees		
X	66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3					
X	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
X	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
X	66901005	ENGINEERED BARRIER	SQ YD	60	60					
X	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	64	64					
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
	67100100	MOBILIZATION	L SUM	1	1					
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	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					
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56					
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	2516	2516					
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1998	1998					
X	72000100	SIGN PANEL - TYPE 1	SQ FT	72	72					
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4					
	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3					

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CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
SUMMARY OF QUANTITIES**

SHEET NO. 5 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	8
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K01	

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SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				100% City
					STU FUNDS 75% FED 25% CITY			Non-Participating	
					0021 Safety		0042		
					Roadway	Signals	Lighting		
	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	8	8				
X	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	205	205				
X	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	13	13				
X	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	109	109				
X	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	332	332				
X	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	520	520				
X	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	368	368				
X	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	676	676				
X	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	134	134				
X	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	100	100				
X	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	129	129				
X	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	86	86				
X	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	49	49				
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	666	666				
X	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1			1		
X	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1		

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**NORTH YORK STREET SIDEWALK IMPROVEMENT
SUMMARY OF QUANTITIES**

SHEET NO. 6 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K01	

PLAN	DATE	
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NOTE BOOK	NO. OF WAY CHECKED	
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PROFILE	DATE	
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SURVEYED	GRADES CHECKED	
	STRUCTURE ADJUSTED	
NOTE BOOK	NO.	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				100% City
					STU FUNDS 75% FED 25% CITY			Non-Participating	
					0021 Safety				
					Roadway	Signals	Lighting		
X	84200804	REMOVAL OF POLE FOUNDATION	EACH	1			1		
X	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		2			
X	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1958		1958			
X	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2192		2192			
X	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	474		474			
X	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	294		294			
X	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8		8			
X	87900200	DRILL EXISTING HANDHOLE	EACH	9		9			
X	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2			
X	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	10		10			
X	88600100	DETECTOR LOOP, TYPE I	FOOT	255		255			
X	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	2		2			
X	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2		2			
X	89502200	MODIFY EXISTING CONTROLLER	EACH	2		2			
X	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	327		327			
X	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	124		124			

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**NORTH YORK STREET SIDEWALK IMPROVEMENT
SUMMARY OF QUANTITIES**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	11
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61K01	

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STRUCTURE NOTATIONS CHECKED	
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NOTE BOOK	
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SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				100% City	
					STU FUNDS 75% FED 25% CITY					
					0021 Safety			0042		Non-Participating
					Roadway	Signals	Lighting	Trainees		
X	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		2				
X	89502376	REBUILD EXISTING HANDHOLE	EACH	6		6				
X	89502380	REMOVE EXISTING HANDHOLE	EACH	1		1				
X	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2		2				
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	3	3					
X	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3					
X	A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	22	22					
X	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	2	2					
X	K0036120	MULCH PLACEMENT 4"	SQ YD	24	24					
X	X1400238	LUMINAIRE, LED, SPECIAL	EACH	13			13			
X	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	6		6				
X	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1		1				
	X2010400	STUMP REMOVAL ONLY	UNIT	299	299					
	X2020502	BRACED EXCAVATION	CU YD	668	668					
	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100					
X	X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	0.25	0.25					

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**NORTH YORK STREET SIDEWALK IMPROVEMENT
SUMMARY OF QUANTITIES**

SHEET NO. 9 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	12
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K01	

PLAN	SUBMITTED	DATE
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PROFILE	SUBMITTED	DATE
	PLOTTED	
	BY	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
					STU FUNDS 75% FED 25% CITY			100% City		
					0021 Safety			0042	Non-Participating	
					Roadway	Signals	Lighting	Trainees		
X	X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	1868	1868					
	X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	1					
	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	183	183					
	X5010523	REMOVE CONCRETE END SECTION	EACH	1	1					
	X5230156	DRAINAGE SYSTEM MODIFICATION	L SUM	1	1					
X	X6640102	FENCE (SPECIAL)	FOOT	1133	1133					
	X6640104	FENCE REMOVAL	FOOT	1190	1190					
X	X8040310	ELECTRICAL SERVICE DISCONNECT	EACH	1				1		
X	X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	4				4		
X	X8300001	LIGHT POLE, SPECIAL	EACH	13				13		
X	X8360210	LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL	FOOT	91				91		
X	X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	36				36		
X	X8440116	RELOCATE EXISTING LIGHTING UNIT (SPECIAL)	EACH	1				1		
X	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	15			15			
X	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	28			28			
	XX003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1						1

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**NORTH YORK STREET SIDEWALK IMPROVEMENT
 SUMMARY OF QUANTITIES**

SHEET NO. 10 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
267B	17-0018B-00-SW	DUPAGE	99	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K01	

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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	NO. OF WAYS CHECKED	
	STRUCTURE NOTATION CHECKED	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
					STU FUNDS 75% FED 25% CITY			100% City		
					0021 Safety			0042		Non-Participating
					Roadway	Signals	Lighting	Trainees		
	XX006821	CONCRETE TRUCK WASHOUT	L SUM	1	1					
X	XX006901	TREE GRATE ASSEMBLY, COMPLETE	EACH	22	22					
X	XX006910	TREE PROTECTION, SPECIAL	EACH	2	2					
X	XX008811	GATE, SPECIAL	EACH	1	1					
X	XX008910	PAVEMENT MARKING (SPECIAL)	SQ FT	5312	5312					
	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	49	49					
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
	Z0018913	DRILL AND GROUT #8 TIE BARS	EACH	840	840					
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	155	155					
X	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	5			5			
X	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	2		2				
	Z0076600	TRAINEES	HOUR	500				500		
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500				500		


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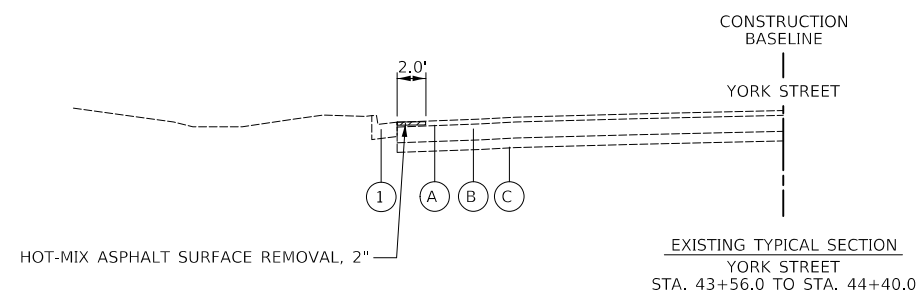
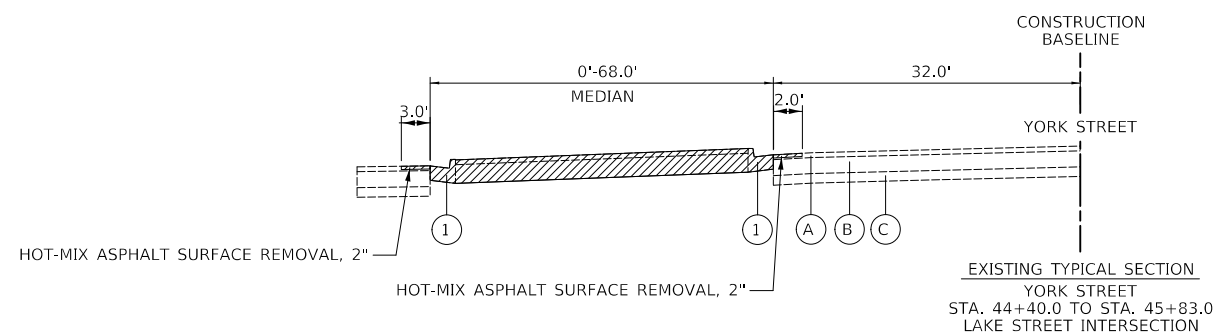
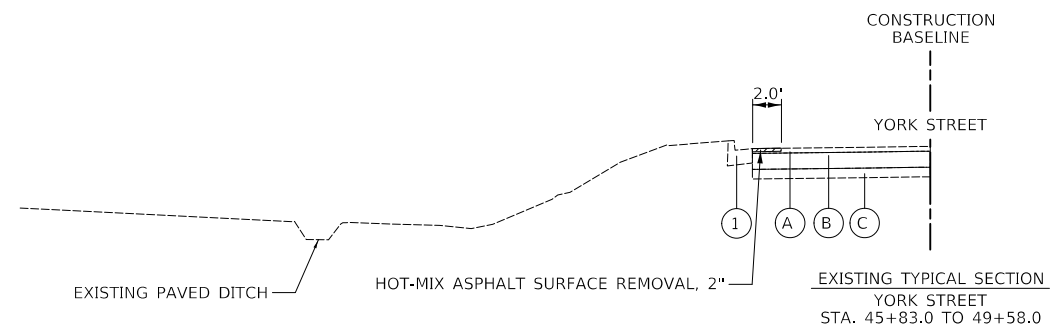
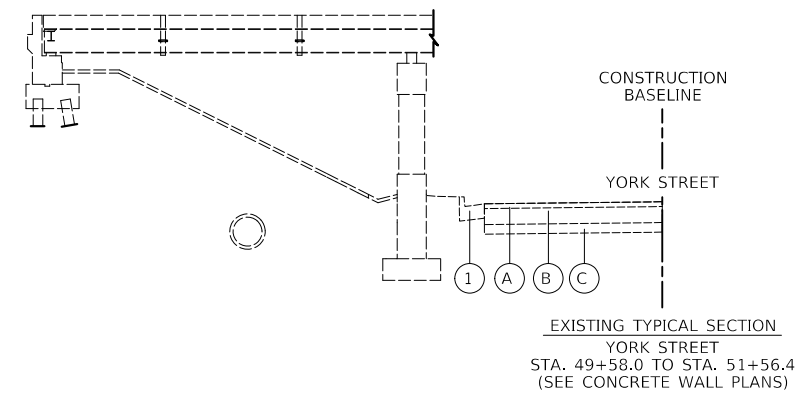
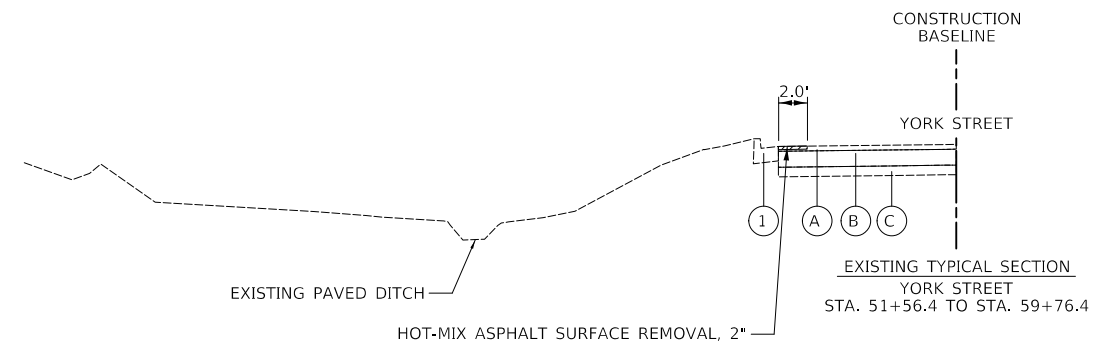
**NORTH YORK STREET SIDEWALK IMPROVEMENT
SUMMARY OF QUANTITIES**

SHEET NO. 11 OF 11 SHEETS

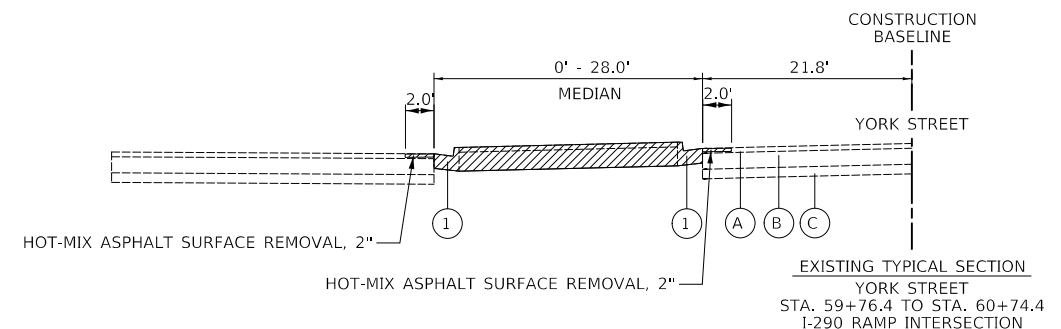
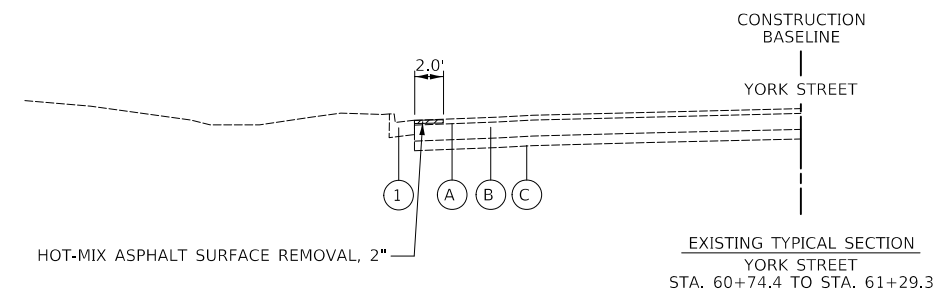
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
267B	17-00188-00-SW	DUPAGE	99	14
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61K01	

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- LEGEND**
- (A) EXISTING HOT-MIX ASPHALT SURFACE AND BINDER 3" AND VARIES
 - (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, VARIES 8"-10"
 - (C) EXISTING STABILIZED SUB-BASE, 4"-6" AND VARIES
 - (1) EXISTING CURB AND GUTTER, TYPE B-6.24 (SEE ROADWAY PLANS FOR LIMITS OF CURB REPLACEMENT WITH PROPOSED CURB AND GUTTER, TYPE B-6.24)
- REMOVAL



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DATE -	10/30/2024	REVISED -	

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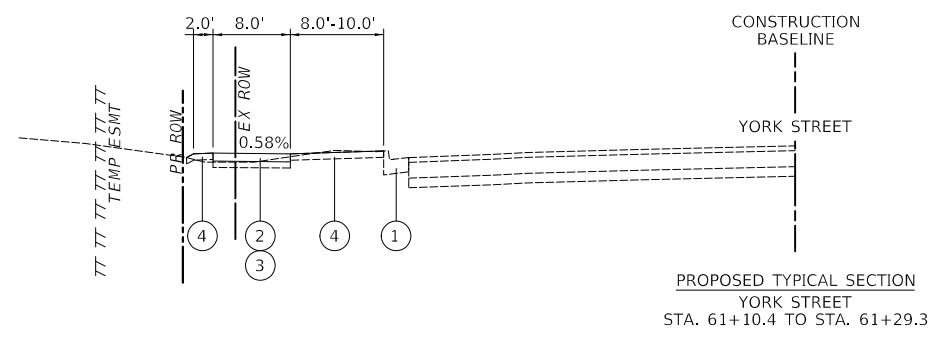
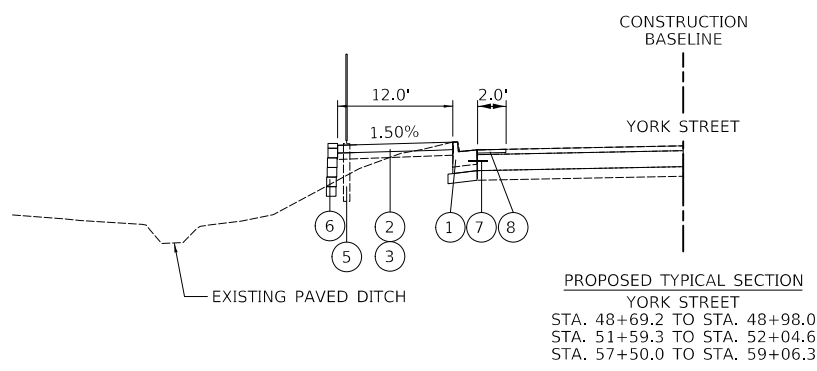
**NORTH YORK STREET SIDEWALK IMPROVEMENT
EXISTING TYPICAL SECTIONS**

SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	15
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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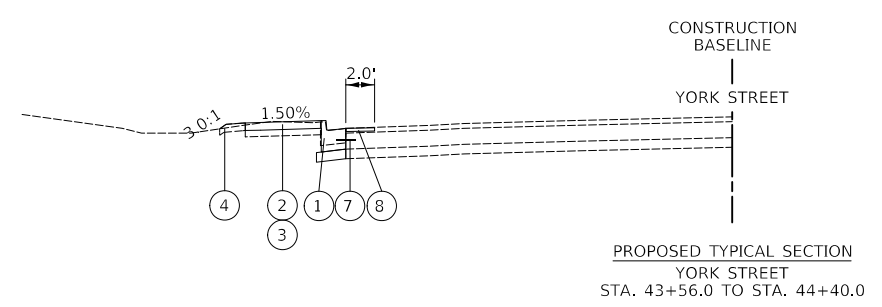
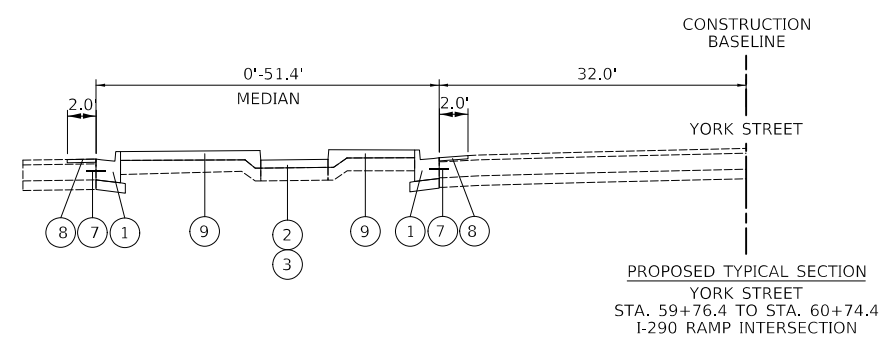
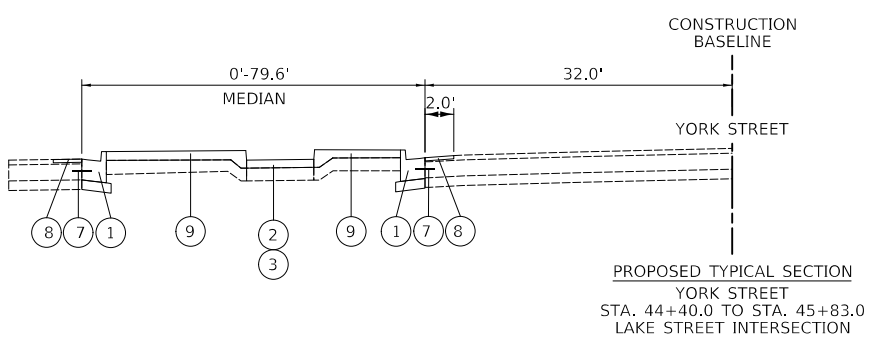
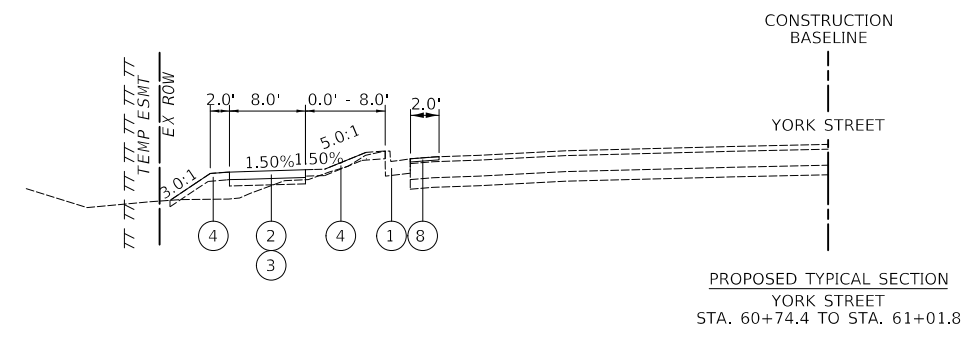
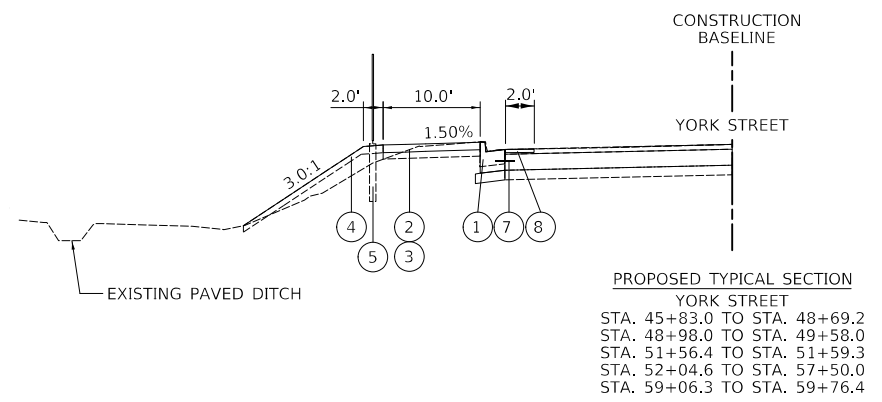
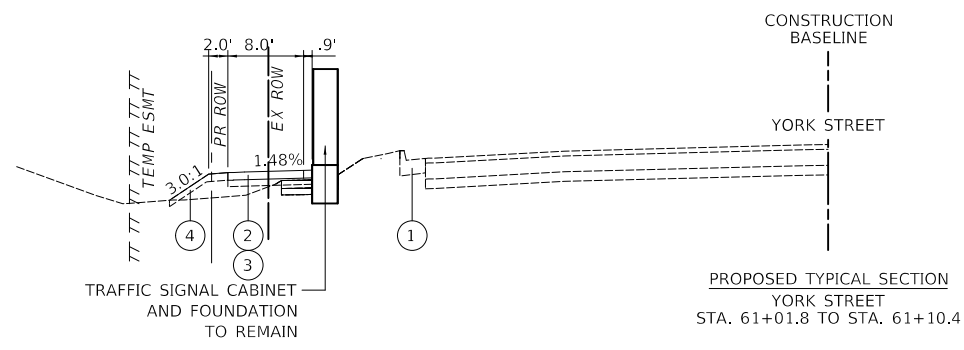
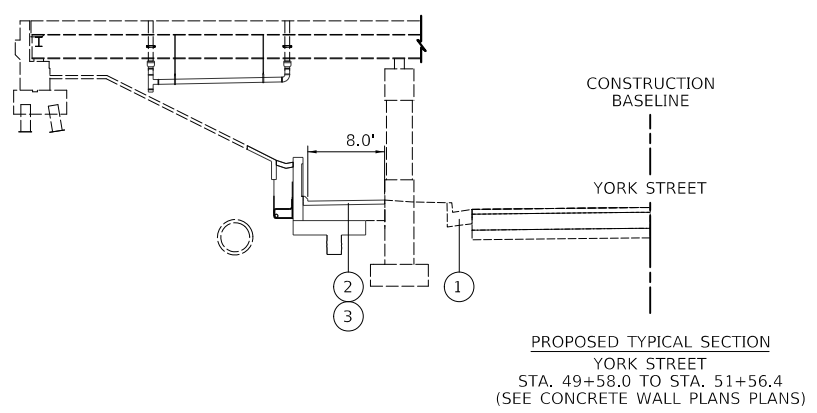
DATE	
BY	
SURVEYED	
ALIGNED	
PLANNED	
NOTED	
NO.	



LEGEND

- ① EXISTING CURB AND GUTTER, TYPE B-6.24 (SEE ROADWAY PLANS FOR LIMITS OF CURB REPLACEMENT)
- ② PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH THROUGH DRIVEWAYS BEING RECONSTRUCTED)
- ③ PROPOSED AGGREGATE BASE COURSE, TYPE B 4"
- ④ PROPOSED SODDING, SALT TOLERANT AND PROPOSED TOPSOIL FURNISH AND PLACE, 4" (SEE NOTE ON LANDSCAPING PLANS FOR PAY ITEMS)
- ⑤ FENCE (SPECIAL)-SEE DETAIL ON SHEET 82
- ⑥ SEGMENTAL BLOCK RETAINING WALL (SEE STRUCTURAL PLANS)
- ⑦ DRILL AND GROUT #8 TIE BARS (WHERE CURB IS BEING REPLACED- 24" LONG, 24" O.C.)
- ⑧ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70 2"
- ⑨ CONCRETE MEDIAN SURFAC, 4 INCH AGGREGATE BASE COURSE, TB

NOTE: SEE IDOT STANDARD 606301 PC CONCRETE ISLANDS AND MEDIANS FOR TYPICAL SIDEWALK DETAIL IN THESE LOCATIONS.



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

PAY ITEM	PERCENT AIR VOIDS @ Ndes.	QMP
PAVEMENT WIDENING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 2"	4% @ 70 GYR.	LR 1030-2
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 2"	4% @ 70 GYR.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LOCAL ROADS SPECIAL PROVISION LR 1030-2		

- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY-IN.
- 2. THE AC TYPE FOR POLYMERIZED 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.



DESIGNED - JRR	REVISED -
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
PROPOSED TYPICAL SECTIONS**

SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	16
CONTRACT NO. 61K01			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	

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

SCHEDULE OF EARTHWORK QUANTITIES (BREAKDOWN)													
STATION	DISTANCE	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION AND PLACEMENT (4 In depth)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION AND PLACEMENT (4 In depth)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION AND PLACEMENT (4 In depth)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION AND PLACEMENT (4 In depth)	FURNISHED EXCAVATION (FILL)
(XX+XX)	(FT)	(SQ FT) x 2	(SQ FT) x 2	(SQ FT) x 2	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU FT)	(CU FT)	(CU FT)
York Street - One Stage													
44+00		0.00	0.00	0.00	0	0	0						
	50							0	0	0	0	0	0
44+50		0.00	0.00	0.00	0	0	0						
	50							0	0	0	0	0	0
45+00		0.00	0.00	0.00	0	0	0						
	50							1	4	4	32	179	185
45+50		0.00	0.00	0.00	0	0	0						
	50							0	3	4	16	165	185
46+00		2.59	14.34	14.83	1	7	7						
	50							1	7	7	48	345	371
46+50		1.27	13.23	14.83	1	7	7						
	50							1	7	10	30	336	479
47+00		1.11	13.63	23.52	1	7	12						
	50							0	6	7	14	316	347
47+50		0.00	11.63	4.23	0	6	2						
	50							2	7	4	114	353	218
48+00		9.10	16.59	13.21	5	8	7						
	50							3	9	9	171	428	450
48+50		4.60	17.68	22.81	2	9	11						
	50							1	4	6	57	221	285
49+00		0.00	0.00	0.00	0	0	0						
	50							0	0	0	0	0	0
49+50		0.00	0.00	0.00	0	0	0						
	50							0	0	0	0	0	0
50+00		0.00	0.00	0.00	0	0	0						
	50							0	0	0	0	0	0
50+50		0.00	0.00	0.00	0	0	0						
	50							0	0	0	0	0	0
51+00		0.00	0.00	0.00	0	0	0						
	50							0	0	0	0	0	0
51+50		0.00	0.00	0.00	0	0	0						
	50							0	4	2	16	189	99
52+00		1.24	15.14	7.88	1	8	4						
	50							1	8	8	40	375	401
52+50		1.96	14.89	24.18	1	7	12						
	50							2	8	11	101	382	532
53+00		6.14	15.65	18.41	3	8	9						
	50							3	8	9	160	399	432
53+50		6.67	16.26	16.17	3	8	8						
	50							3	8	6	167	413	313
54+00		6.70	16.82	8.91	3	8	4						
	50							5	9	5	232	428	236
54+50		11.85	17.41	10.00	6	9	5						
	50							6	9	6	280	442	283
55+00		10.57	17.98	12.67	5	9	6						
	50							7	9	6	325	456	305
55+50		15.47	18.48	11.72	8	9	6						
	50							8	9	6	385	466	293
56+00		15.37	18.81	11.70	8	9	6						
	50							7	9	6	341	467	315
56+50		11.93	18.53	13.54	6	9	7						

SCHEDULE OF EARTHWORK QUANTITIES (BREAKDOWN)													
STATION	DISTANCE	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION AND PLACEMENT (4 In depth)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION AND PLACEMENT (4 In depth)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION AND PLACEMENT (4 In depth)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION AND PLACEMENT (4 In depth)	FURNISHED EXCAVATION (FILL)
(XX+XX)	(FT)	(SQ FT) x 2	(SQ FT) x 2	(SQ FT) x 2	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU FT)	(CU FT)	(CU FT)
	50							5	9	8	262	453	390
57+00		9.04	17.69	17.68				5	9	9			
	50							5	12	9	258	616	455
57+50		11.64	31.56	18.72				6	16	9			
	50							7	16	10	337	790	492
58+00		15.35	31.63	20.66				8	16	10			
	50							10	16	11	504	794	539
58+50		24.97	31.87	22.47				12	16	11			
	50							6	12	17	318	577	844
59+00		0.48	14.27	45.08				0	7	23			
	50							2	7	12	83	326	595
59+50		6.17	11.80	2.51				3	6	1			
	50							2	3	1	77	148	31
60+00		0.00	0.00	0.00				0	0	0			
	50							0	0	0	0	0	0
60+50		0.00	0.00	0.00				0	0	0			
	50							0	4	6	0	195	288
61+00		0.00	15.59	23.01				0	8	12			
	30							0	4	6	0	117	173
61+30		0.00	0.00	0.00				0	0	0			
York Street Total (CU. FT.)											4,372	10,374	9,539
York Street Total (CU. YD.)											162	385	354

145 CU YD of THE 385 CU YD TOPSOIL EXCAVATION AND PLACEMENT to be paid for as REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
 240 CU YD of TOPSOILS EXCAVATION AND PLACEMENT are to be used as TOPSOIL 4"

YORK STREET EARTHWORK SUMMARY				
	EARTH EXCAVATION	TOPSOIL EXCAVATION AND PLACEMENT	FURNISHED EXCAVATION	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL
	20200100 (CU YD)	21101505 (CU YD)	20400800 (CU YD)	20201200 (CU YD)
ROADWAY TOTAL (CU. YD.)	162	381	354	145



DESIGNED - JRR
 DRAWN - JRR
 CHECKED - KRK
 DATE - 10/30/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

CITY OF ELMHURST

NORTH YORK STREET SIDEWALK IMPROVEMENT
SCHEDULE OF EARTHWORK

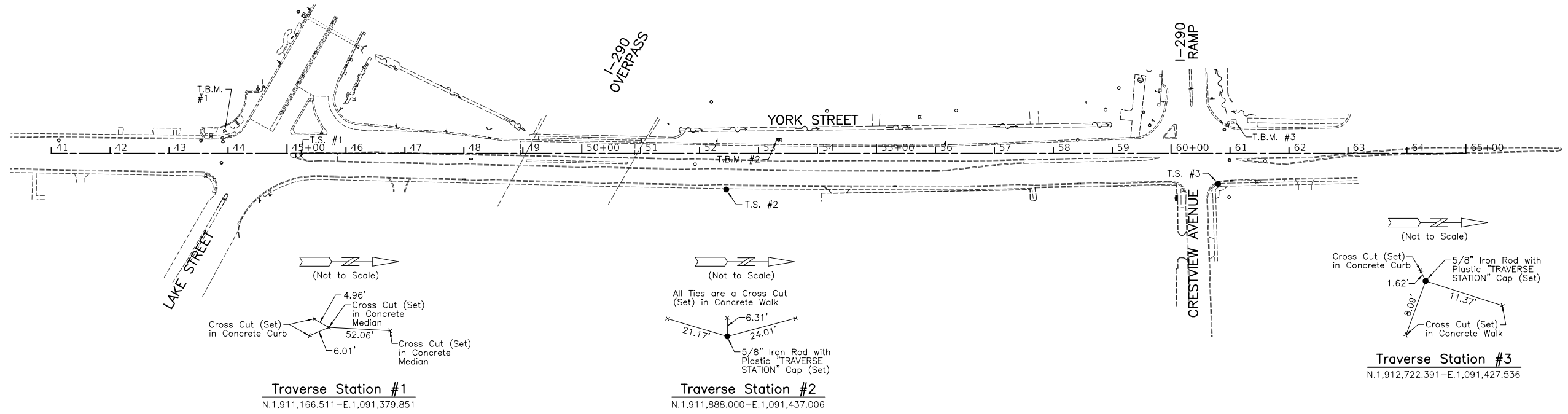
SHEET NO. 1 OF 1 SHEETS

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	17
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
ALIGNED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
SURVEYED	
ALIGNED	
PLANNED	
NOTED	
NO.	



TRAVERSE STATION #	DESCRIPTION	NORTHING	EASTING
1	CROSS CUT (SET) IN CONCRETE MEDIAN	1911166.511	1091379.851
3	5/8" IRON ROD WITH PLASTIC "TRAVERSE STATION" CAP (SET)	1911888.000	1091437.006
4	5/8" IRON ROD WITH PLASTIC "TRAVERSE STATION" CAP (SET)	1912722.391	1091427.536

DESCRIPTION	STATION	NORTHING	EASTING
BOA	41+00.00	1910742.8879	1091375.8680
EOA	65+00.00	1913142.8879	1091375.8680

BENCHMARK NAME	DESCRIPTION	ELEVATION	DETAIL
TBM #1	CROSS CUT (SET) IN SOUTHWEST FLANGE BOLT OF FIRE HYDRANT IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF YORK STREET AND LAKE STREET.	688.44	NAVD '88
TBM #2	BOX CUT (SET) IN SOUTHWEST CORNER OF CONCRETE OF FIRST ELECTRIC VAULT NORTH OF I-290 BRIDGE OVER YORK STREET.	682.94	NAVD '88
TBM #3	FOUND BOX CUT IN CONCRETE BASE FOR TRAFFIC SIGNAL IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF YORK STREET AND CRESTVIEW AVENUE.	685.61	NAVD '88

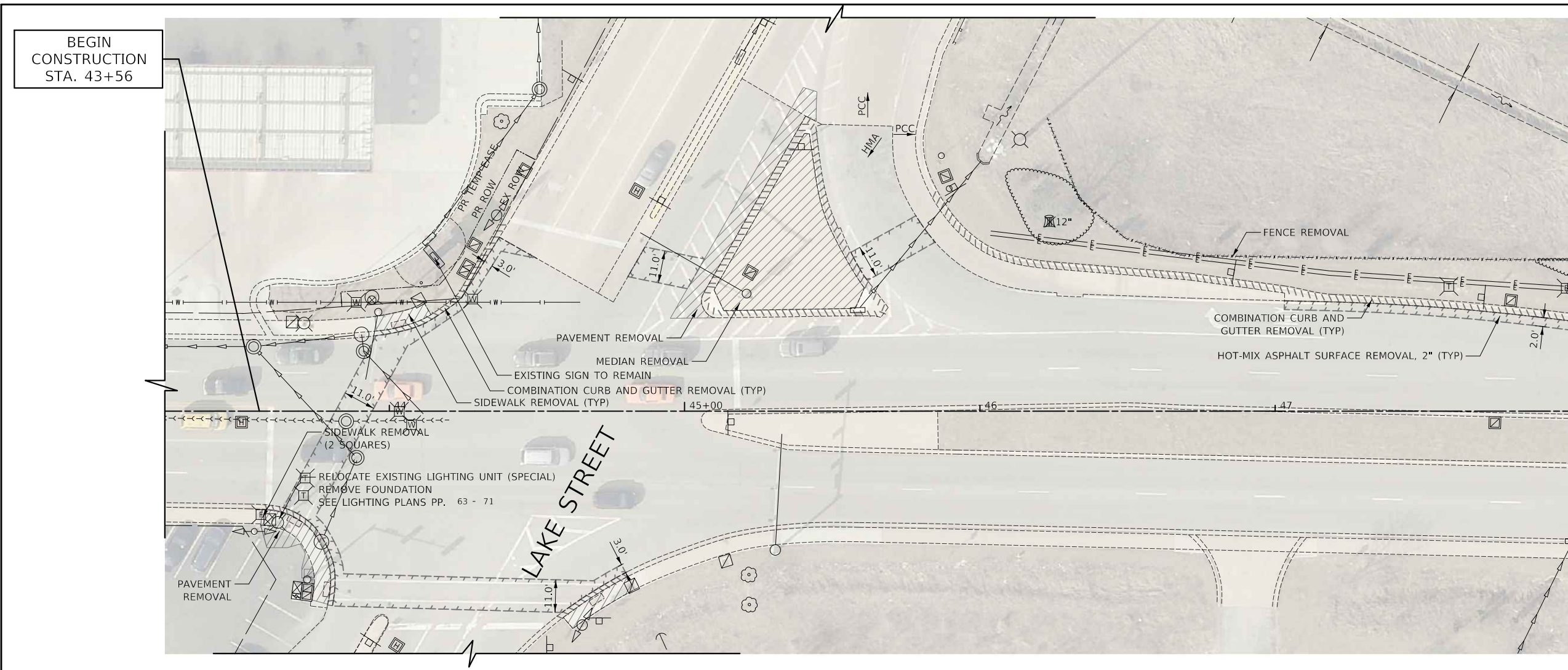
Elevations are based on multiple G.P.S. observations at Traverse Station #1 and Traverse Station #3, measured on September 25, 2018 and September 26, 2018. Traverse Station #1 NAVD '88 Elevation 688.91. Traverse Station #3 NAVD '88 Elevation 685.68

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

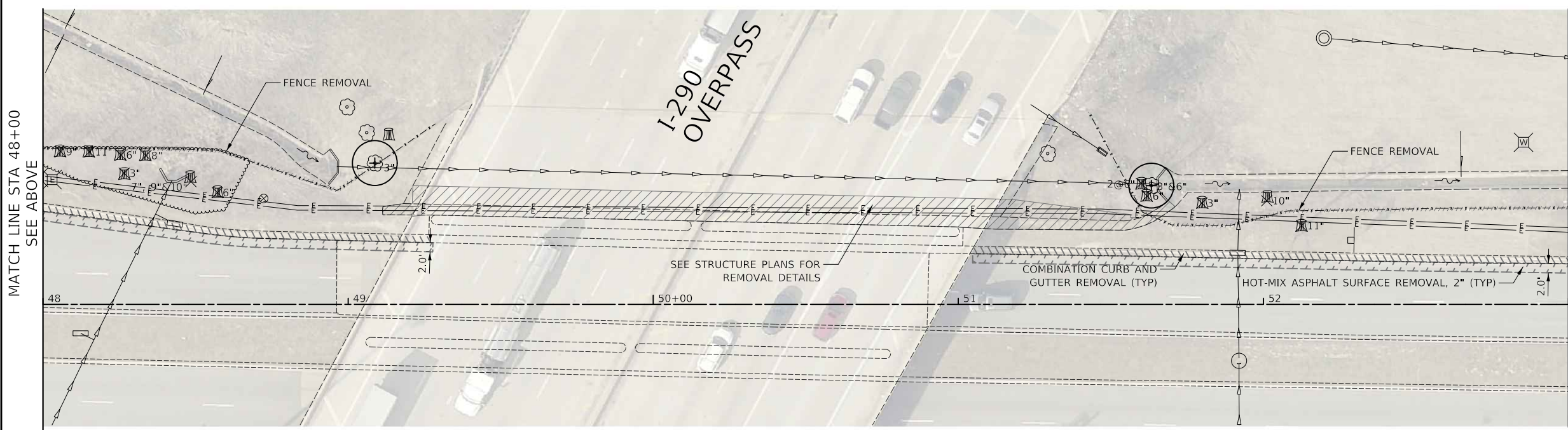
All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.9999605647.

PLAN	SURVEYED	DATE
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	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES	
	NOTED	
	CHECKED	
	BY	
	NO.	



MATCH LINE STA 48+00
SEE BELOW



MATCH LINE STA 53+00
SEE SHEET NO 20

- LEGEND:
- STUMP REMOVAL ONLY
 - TREE PROTECTION (SEE EROSION CONTROL PLAN FOR DETAILS)
 - REMOVAL
 - LINEAR REMOVAL ITEMS
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - HMA SURFACE REMOVAL BUTT JOINT (SEE ROADWAY DETAILS)

YORK STREET

Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED -	JRR	REVISED -	
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CHECKED -	KRK	REVISED -	
DATE -	10/30/2024	REVISED -	

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
REMOVAL PLAN**

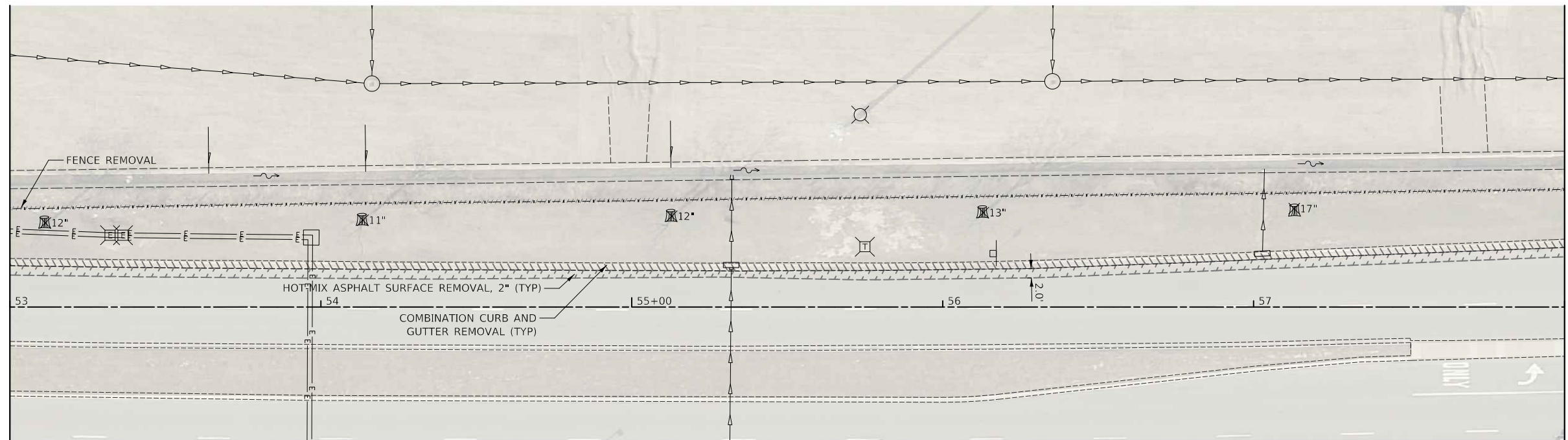
SHEET NO. 1 OF 2 SHEETS STA. 43+00 TO STA. 53+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	19
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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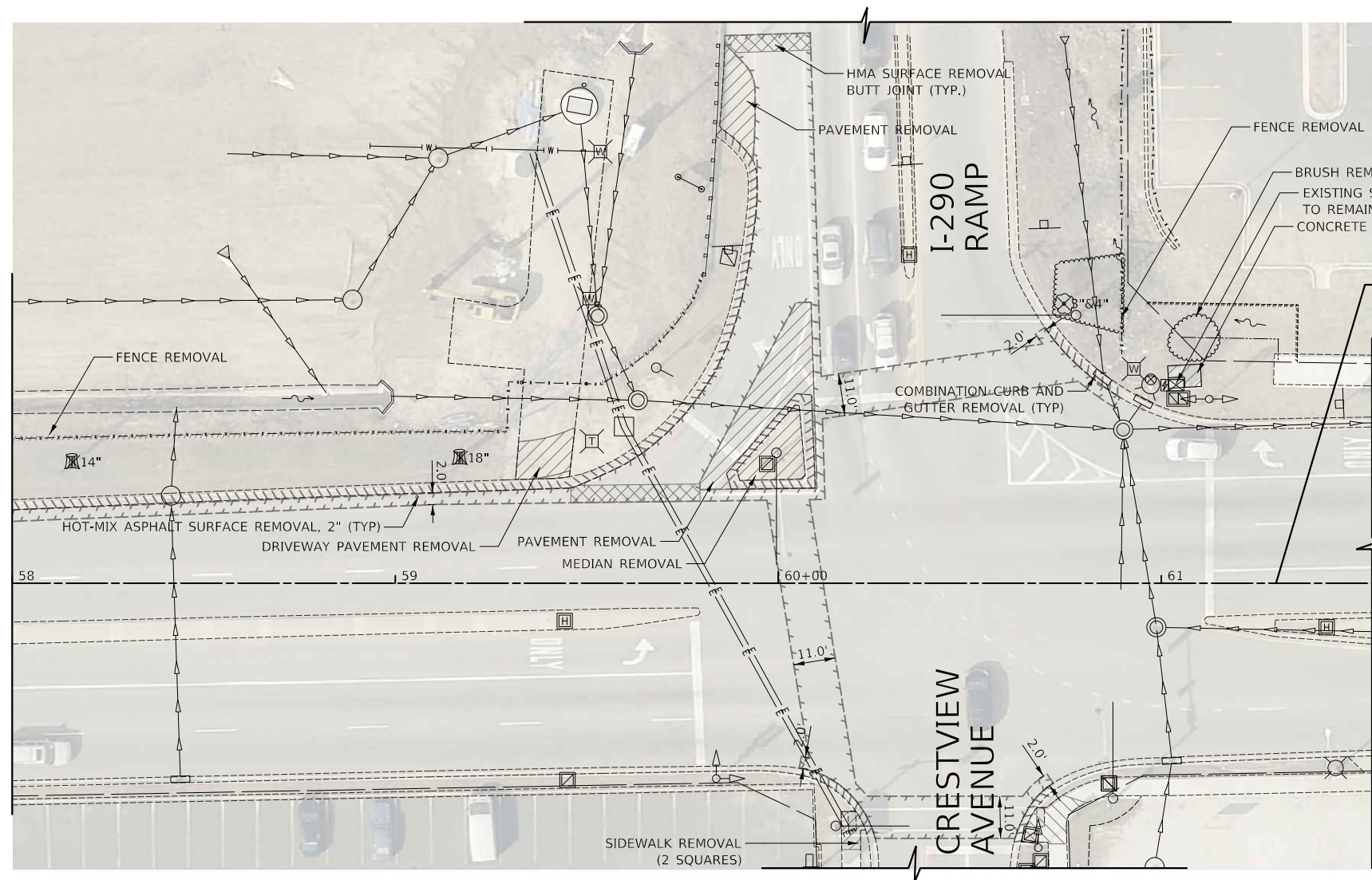
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

MATCH LINE STA 53+00
SEE SHEET NO 19



MATCH LINE STA 58+00
SEE BELOW

MATCH LINE STA 58+00
SEE ABOVE



END
CONSTRUCTION
STA. 61+30

YORK STREET

YORK STREET

- LEGEND:
- STUMP REMOVAL ONLY
 - TREE PROTECTION (SEE EROSION CONTROL PLAN FOR DETAILS)
 - REMOVAL
 - LINEAR REMOVAL ITEMS
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - HMA SURFACE REMOVAL BUTT JOINT (SEE ROADWAY DETAILS)

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DATE -	10/30/2024	REVISED -	

CITY OF ELMHURST



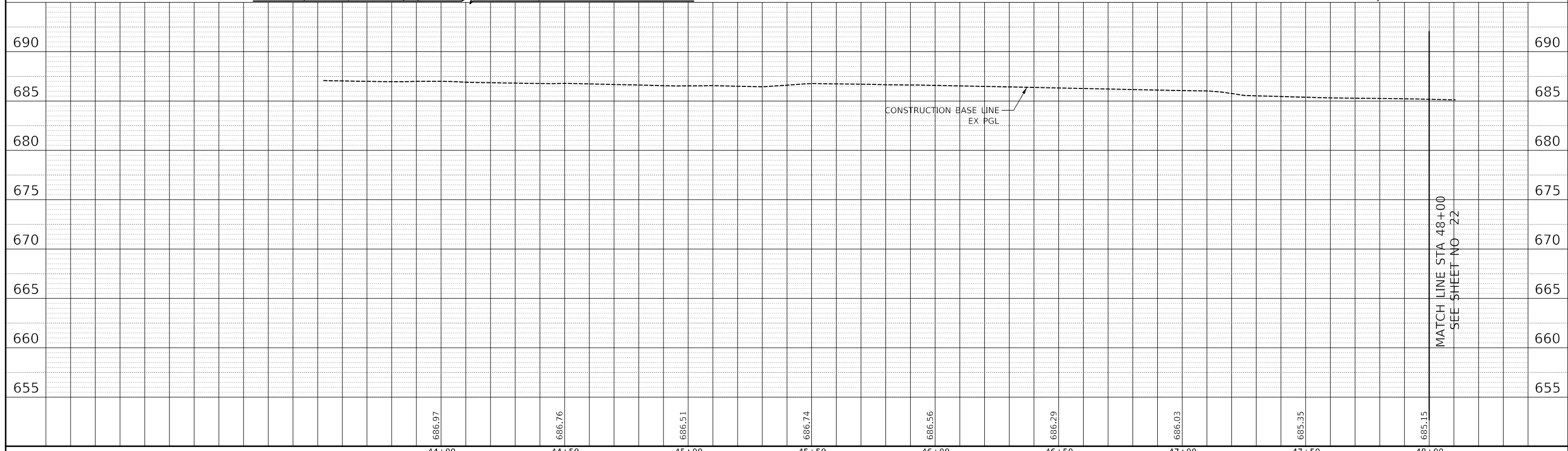
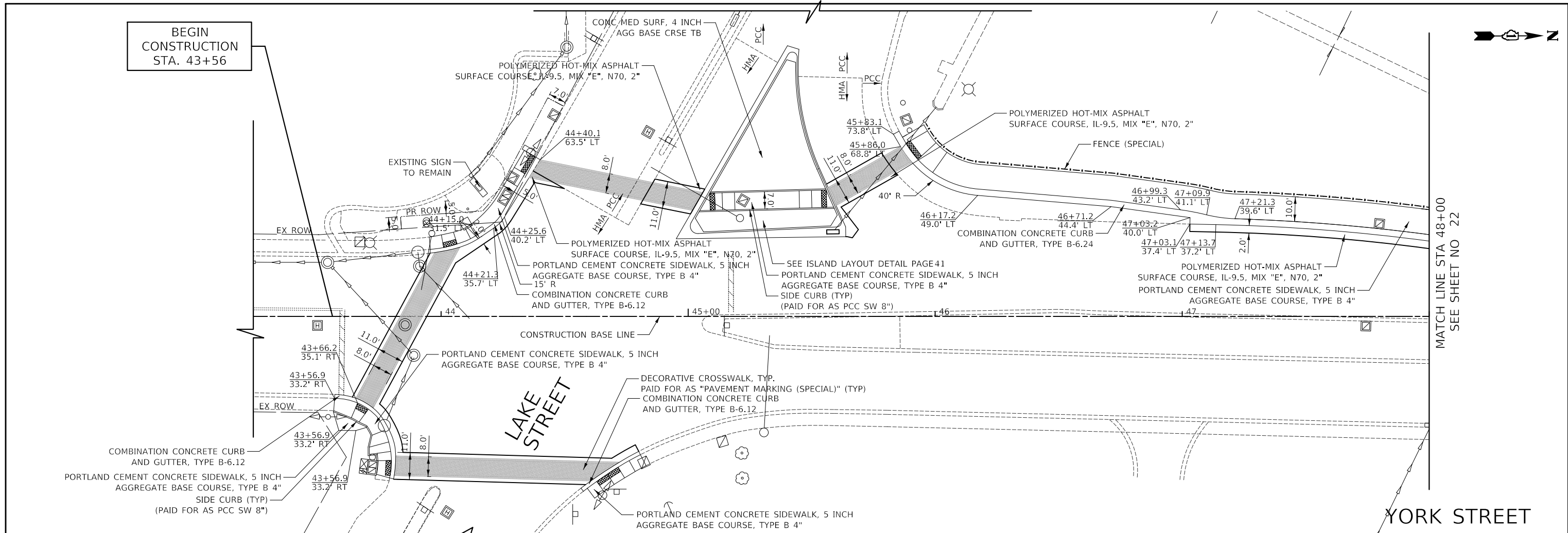
**NORTH YORK STREET SIDEWALK IMPROVEMENT
REMOVAL PLAN**

SHEET NO. 2 OF 2 SHEETS STA. 53+00 TO STA. 63+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	20
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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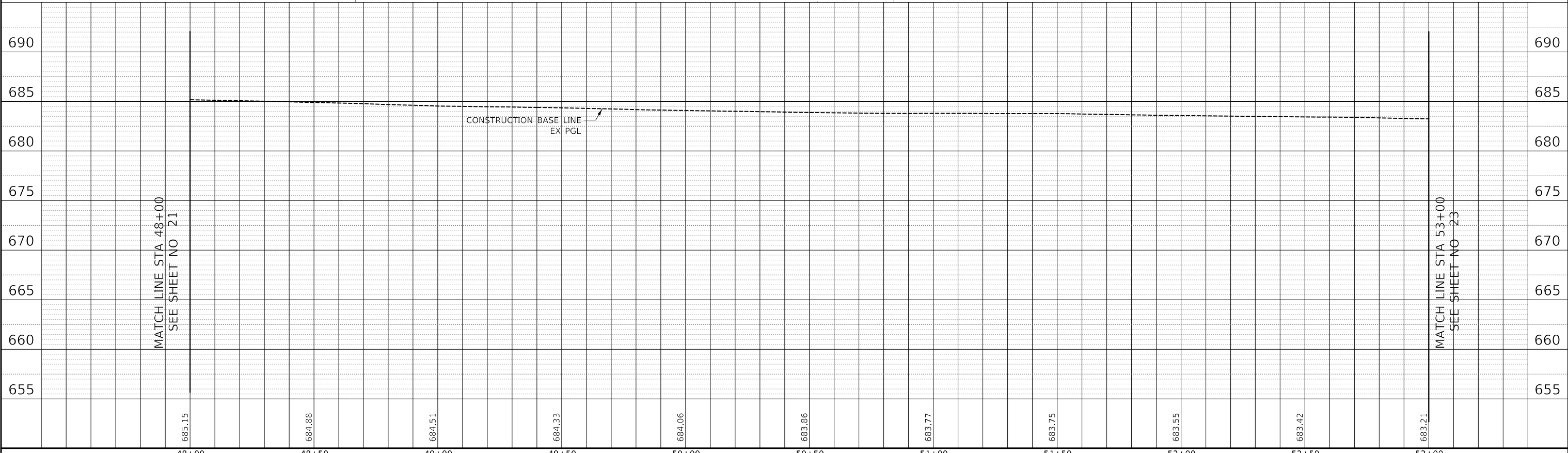
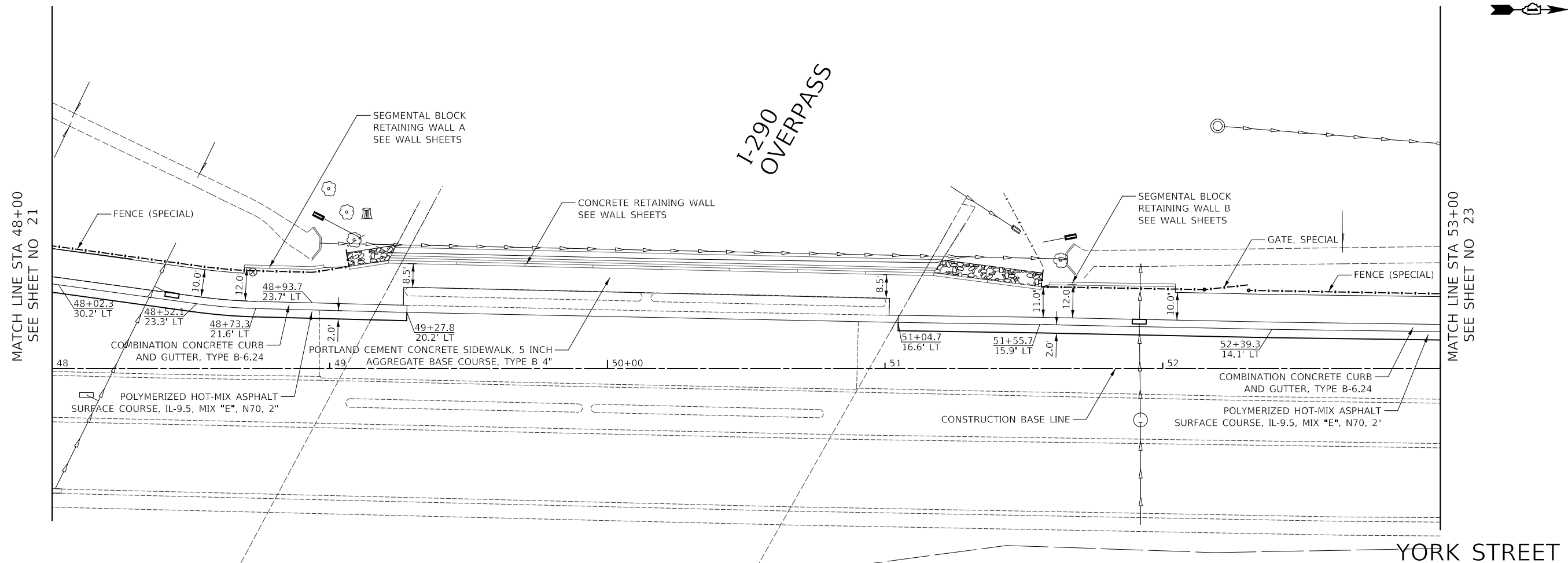
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GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK	
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DATE	
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SURVEYED	
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BY	
SURVEYED	
GRADES	
PLANNED	
NOTED	
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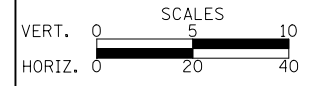


685.15	684.88	684.51	684.33	684.06	683.86	683.77	683.75	683.55	683.42	683.21
48+00	48+50	49+00	49+50	50+00	50+50	51+00	51+50	52+00	52+50	53+00

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CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
 SIDEWALK PLAN AND PROFILE**

SHEET NO. 2 OF 4 SHEETS STA. 48+00 TO STA. 53+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	22
CONTRACT NO. 61K01				

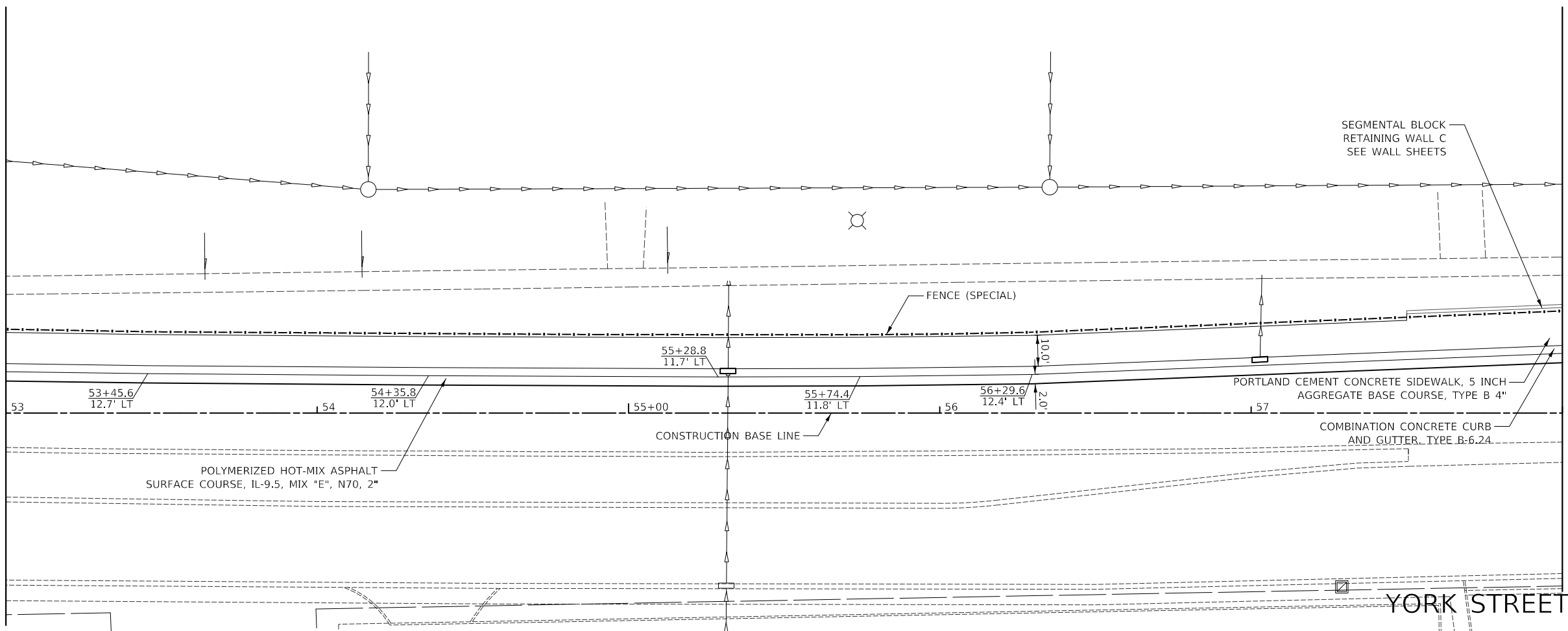
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



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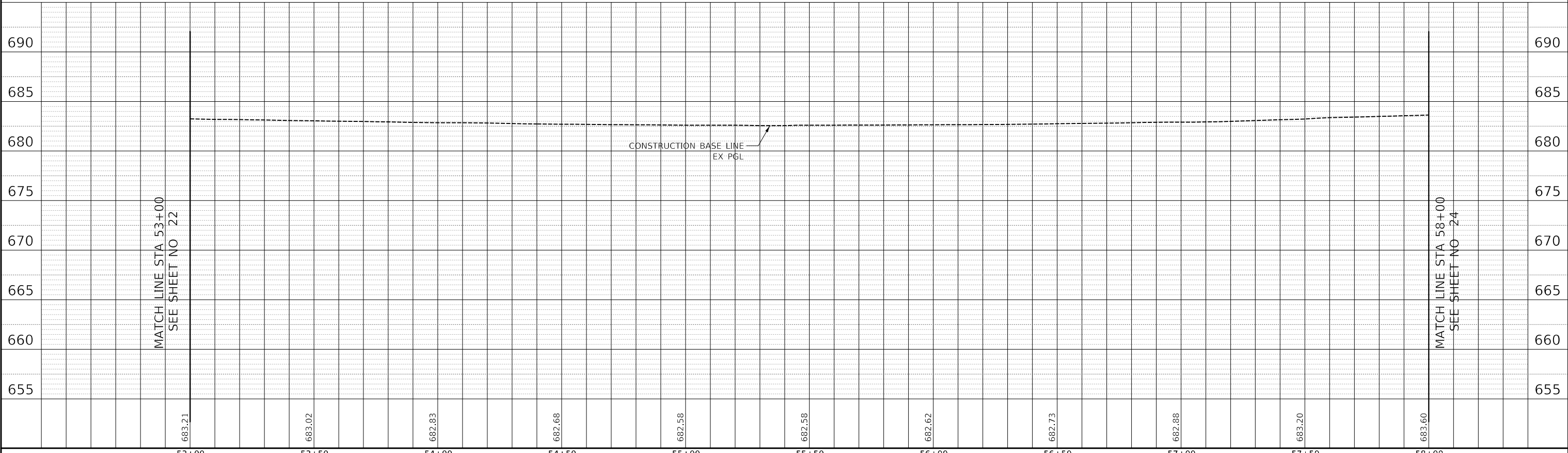
PROFILE	SURVEYED	DATE
	GRADES	
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	NO.	

MATCH LINE STA 53+00
SEE SHEET NO 22



MATCH LINE STA 58+00
SEE SHEET NO 24

YORK STREET



MATCH LINE STA 53+00
SEE SHEET NO 22

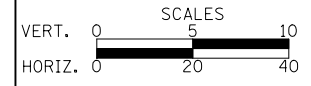
MATCH LINE STA 58+00
SEE SHEET NO 24

683.21	683.02	682.83	682.68	682.58	682.58	682.62	682.73	682.88	683.20	683.60
53+00	53+50	54+00	54+50	55+00	55+50	56+00	56+50	57+00	57+50	58+00

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CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
SIDEWALK PLAN AND PROFILE**

SHEET NO. 3 OF 4 SHEETS STA. 53+00 TO STA. 58+00

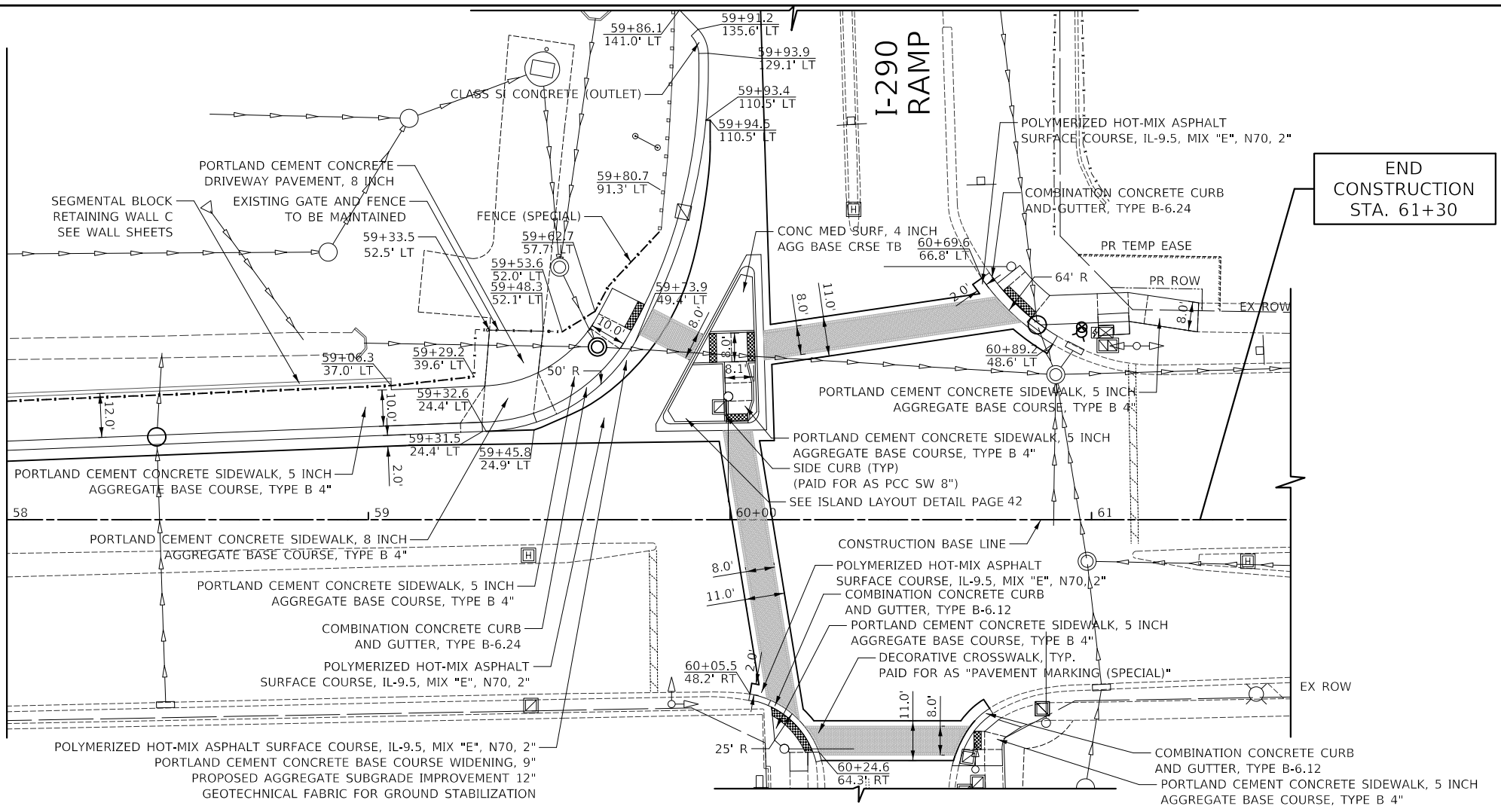
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	23
CONTRACT NO. 61K01			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



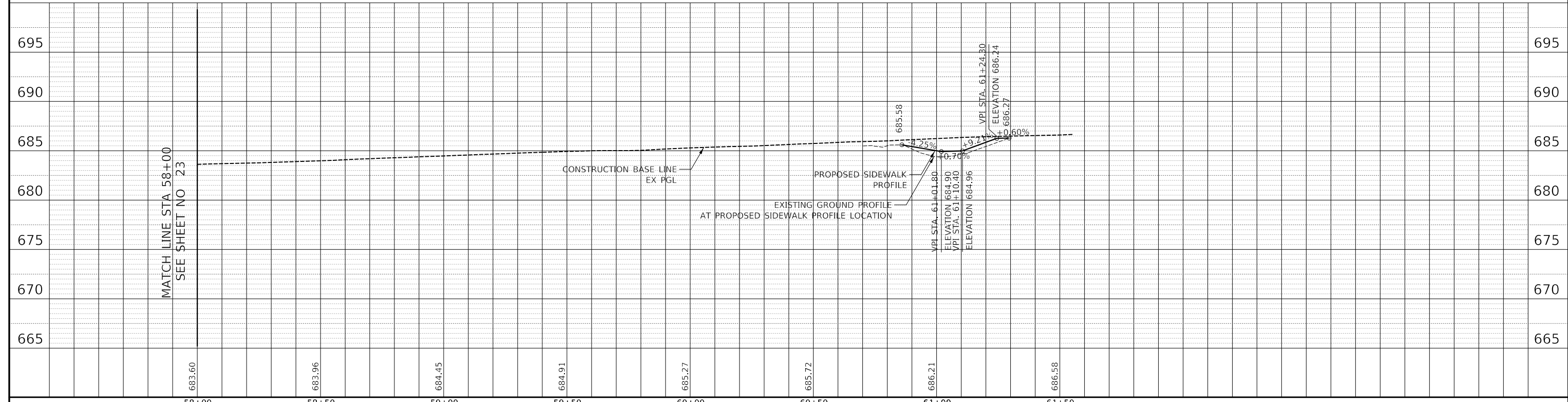
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SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK	
NO.	

MATCH LINE STA 58+00
SEE SHEET NO 23



YORK STREET



CONSTRUCTION SEQUENCE

- PLACE NECESSARY CONSTRUCTION SIGNS.
- CONSTRUCT RETAINING WALLS, CONCRETE WALL, AND STORM SEWER EXTENSIONS.
- REMOVE CURB AND GUTTER. CONSTRUCT CURB AND GUTTER, SIDEWALK AND LIGHT POLE FOUNDATIONS.
- CONSTRUCT PCC WIDENING AT YORK/CRESTVIEW. PCC WIDENING SHALL BE PLACED 2" BELOW ADJACENT EXISTING PAVEMENT AND PROPOSED EDGE OF CURB TO ACCOMMODATE SURFACE COURSE PLACEMENT.
- REMOVE CORNER ISLANDS AND ADJACENT EXISTING PAVEMENT. CONSTRUCT PROPOSED CORNER ISLANDS.
- COMPLETE LANDSCAPING.
- MILL EXISTING PAVEMENT.
- PLACE HMA COURSE.
- COMPLETE SIGNING AND PAVEMENT MARKING.
- INSTALL AND ACTIVATE TRAFFIC SIGNAL EQUIPMENT.
- INSTALL AND ACTIVATE LIGHTING.
- REMOVE ALL CONSTRUCTION SIGNS AND OPEN ALL LANES TO TRAFFIC.

DATE	BY	SURVEYED	PLOTTED	CHECKED	FILED
PLAN	NOTE BOOK NO.	GRADES	STRUCTURE	NOTATIONS	CHKD

MAINTENANCE OF TRAFFIC GENERAL NOTES

- TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
- DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS, TWO-WAY TRAFFIC SHALL REMAIN OPEN FOR ALL TRAFFIC AT ALL TIMES. IF ANY ACTIVITY REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 7:00 A.M. AND 6:00 P.M. FOLLOWING THE APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS INCLUDED IN THE PLANS FOR OFF-ROAD AND ON-ROAD APPLICATIONS.
- THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ALL CONSTRUCTION SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
- ALL SIGNS SHALL BE MOUNTED ON METAL POSTS, 7 FEET ABOVE THE EXISTING GROUND AND DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND. A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
- DRUMS WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE. AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. SPACING SHALL BE AS SHOWN ON THE HIGHWAY STANDARDS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
- TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH APPLICABLE HIGHWAY STANDARDS UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
- THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
- EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED. ANY DAMAGE CAUSED BY THE CONTRACTOR'S WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- THE FIRST TWO WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS. FLAGS ARE OPTIONAL.
- "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT FOR MORE THAN ONE HOUR. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT.
- EXISTING TRAFFIC CONTROL DEVICES ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE CAUSED BY HIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED AT A LOCATION APPROVED BY THE ENGINEER AT LEAST 7 DAYS IN ADVANCE OF THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES FOR ADVANCED NOTIFICATION TO THE PUBLIC. THE MESSAGE SHALL BE DETERMINED BY THE ENGINEER. MESSAGES SHALL BE UPDATED AS REQUIRED BY THE ENGINEER.
- ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES, AND SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
- THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, DRUMS, WARNING LIGHTS, AND SIGNS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
- QUANTITIES FOR SHORT-TERM PAVEMENT MARKINGS AND SHORT-TERM PAVEMENT MARKING REMOVAL SHALL BE MEASURED SEPARATELY FOR PAYMENT.
- THE CONTRACTOR SHALL ENSURE THAT WORK OPERATIONS DO NOT OBSTRUCT LINES OF SIGHT REQUIRED FOR DRIVERS TO MAKE TURNING MOVEMENTS SAFELY. THE ENGINEER MAY REQUIRE ADDITIONAL FLAGGERS BE PRESENT TO SAFELY NAVIGATE DRIVERS THROUGH AND AROUND CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE CONTRACT.
- LANE CLOSURES AND CONFIGURATIONS MUST NOT IMPEDE SAFE AND UNOBSTRUCTED TURNING MOVEMENTS AT INTERSECTIONS AND DRIVEWAYS. IF OPERATIONS CREATE UNSAFE TURNING CONATIONS AS DETERMINED BY THE ENGINEER THE ENGINEER MAY REQUIRE ADDITIONAL FLAGGERS BE PRESENT TO SAFELY NAVIGATE DRIVERS THROUGH AND AROUND CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE CONTRACT.

CONSTRUCTION REQUIREMENTS

- ALL WORK SHALL BE IN ACCORDANCE WITH IDOT'S SAFETY ENGINEERING POLICY MEMORANDUM, SAFETY 4-21, "UNEVEN LANE" SIGNS (W8-1-4848) SHALL BE PLACED AT THE INTERVALS REQUIRED BY THE ENGINEER WHEN TRAFFIC IS ON PAVEMENT WITHOUT SURFACE COURSE AND ADJACENT TO SURFACED PAVEMENT. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
- "UNEVEN LANE" SIGNS (W8-1(O)-4848) SHALL BE PLACED AT THE INTERVALS REQUIRED BY THE ENGINEER WHEN TRAFFIC IS ADJACENT TO THE MILLED SURFACE. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM BEING USED AT THE TIME THE SIGNS ARE REQUIRED.

SIDEWALK MAINTENANCE NOTE

- WHEN THE SIDEWALK IS CLOSED ON THE SOUTHEAST CORNER OF NORTH YORK AND LAKE, CONSTRUCTION STAGING SHALL BE COORDINATED WITH THE ENGINEER AND CONTRACTOR TO ENSURE THE SIDEWALK ON THE WEST SIDE OF NORTH YORK REMAINS OPEN. SIGNING DIRECTING PEDESTRIANS TO THE OPEN SIDEWALK SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701801. THE WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
- WHEN THE SIDEWALK IS CLOSED ON THE SOUTHEAST CORNER OF NORTH YORK AND CRESTVIEW, CONSTRUCTION STAGING SHALL BE COORDINATED WITH THE ENGINEER AND CONTRACTOR TO ENSURE ACCESS ACROSS CRESTVIEW REMAINS OPEN WITH TEMPORARY AGGREGATE. THIS WORK SHALL BE PAID FOR AS "TEMPORARY ACCESS (ROAD)."

CONSTRUCTION REQUIREMENTS

- "ROUGH GROOVED SURFACE" SIGNS (W8-1107(O)) SHALL BE USED WHEN THE ROAD HAS BEEN COLD MILLED AND OPEN TO TRAFFIC. THE SIGNS SHALL REMAIN IN PLACE UNTIL THE MILLED SURFACE CONDITIONS NO LONGER EXISTS. THESE SIGNS SHALL BE ERECTED A MINIMUM OF 500 FEET PRECEDING THE START OF THE MILLED PAVEMENT AND ON ALL SIDE ROADS WITHIN THE POSTED AREA. THE SIGNS ON THE SIDE ROADS SHALL BE POSTED 200 FEET FROM THE MAINLINE PAVEMENT. ALL SIGNS SHALL HAVE AN 18"X18" ORANGE FLAG AND AMBER FLASHING LIGHTS ATTACHED. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- WHEN WORKING ADJACENT TO THE ROAD AND UTILITIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRVEL LANES SHALL BE KEPT TO A MINIMUM. DROP-OFFS GREATER THAN (OR GREATER THAN OR EQUAL TO) 12" WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN 12". THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT.



W20-1103(O)
48"X48"

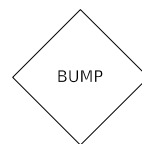


W21-1(O)
48"X48"

THESE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THE COST SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION PAY ITEMS.



W21-2
48"X48"



W8-1
48"X48"

DATE XX-XX-XX
SPECIAL
9" X 30"

THESE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THE COST SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION PAY ITEMS.

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



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DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
MAINTENANCE OF TRAFFIC GENERAL NOTES**

SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	25
CONTRACT NO. 61K01			FED. ROAD DIST. NO. 1 ILLINOIS	

DPCCSFPO EROSION CONTROL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE VII OF THE DUPAGE COUNTY COUNTYWIDE STORMWATER AND FLOODPLAIN ORDINANCE, EFFECTIVE APRIL SEPTEMBER 2022 AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMITS ILR10 AND ILR40.
- EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
- SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS DISTURBED.
- ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED.
- WHERE WETLANDS ARE TO REMAIN, THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF OR STOCKPILED IN WETLANDS.
- STOCKPILES AND MATERIAL STORAGE ARE PROHIBITED IN SPECIAL MANAGEMENT AREAS INCLUDING WETLANDS, FLOODPLAINS, AND BUFFERS. LOCATIONS OF STOCKPILES MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.
- RECEPTACLES FOR CONSTRUCTION DEBRIS, INCLUDING CONCRETE TRUCK WASHOUT WASTE, SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR. THESE WILL NOT BE ALLOWED IN SPECIAL MANAGEMENT AREAS. RECEPTACLES AND THEIR LOCATIONS MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE APPLICABLE ITEMS OF WORK.
- HAY OR STRAW BALES WILL NOT BE ALLOWED AS PERIMETER EROSION BARRIER OR AS A DITCH CHECK.
- WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
- GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
- CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
- ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
- ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.
- THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
- THE COST OF REMOVING SEDIMENT OR REPAIRING EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR APPLICABLE EROSION CONTROL ITEM.

DATE	BY	SURVEYED	CHECKED
		ALIGNED	FIELD
		NOTE BOOK	CADD FILE NAME
		NO.	

DATE	BY	SURVEYED	CHECKED
		GRADES	NOTATIONS
		NOTE BOOK	CHKD
		NO.	

GENERAL SOIL EROSION AND SEDIMENT CONTROL NOTES

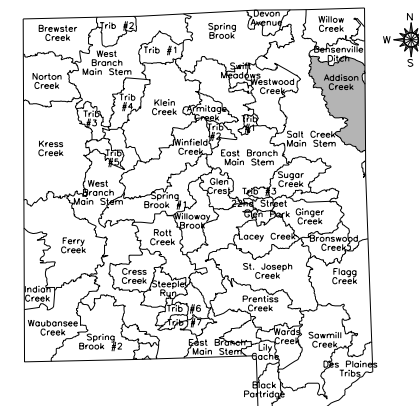
- ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
- INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

STABILIZING CONSTRUCTION AREAS

- TEMPORARY STABILIZATION OF THE CONSTRUCTION AREA SHALL TAKE PLACE AT THE END OF EACH WORK DAY. THIS SHALL INCLUDE REMOVAL OF ALL EQUIPMENT AND HAZARDOUS MATERIAL WITHIN THE DRAINAGE WAYS.
- PERMANENT STABILIZATION OF THE CONSTRUCTION AREA SHALL BE COMPLETED AT THE END OF EACH MAJOR STAGE OF WORK.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF FINAL GRADING OR WHEN LEFT IDLE FOR MORE THAN 14 DAYS.
- THE COMPLETED SLOPES SHALL BE PERMANENTLY SEEDED WHERE PRACTICAL AS EXCAVATION PROCEEDS TO ANOTHER STAGE OF CONSTRUCTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY LANDSCAPED AT ONE TIME.

ESTIMATED QUANTITIES

48	POUND	TEMPORARY EROSION CONTROL SEEDING
128	FOOT	TEMPORARY DITCH CHECKS
1676	FOOT	PERIMETER EROSION BARRIER
11	EACH	INLET FILTERS
2242	SQ YD	TEMPORARY EROSION CONTROL BLANKET
24	SQ YD	MULCH PLACEMENT 4"
0.25	ACRE	SEEDING, CLASS 4 (MODIFIED)
1868	SQ YD	EROSION CONTROL BLANKET (SPECIAL)
2	EACH	TREE PROTECTION, SPECIAL



- I. DES PLAINES RIVER WATERSHED
- Willow Creek
 - Bensenville Ditch
 - Flagg Creek
 - Des Plaines Tribs
 - Black Partridge
 - Addison Creek

NPDES STATEMENT:

THIS PROJECT DISTURBS 1.34 ACRES OF TOTAL LAND AREA. COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT IS NECESSARY IF A PROJECT DISTURBS 1.0 OR MORE ACRES OF TOTAL LAND AREA. THE NPDES STORMWATER PERMIT IS REQUIRED FOR THIS PROJECT.



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CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
EROSION CONTROL NOTES**

SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	26
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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BY	
SURVEYED	
ALIGNED	
NOTED	
CADD FILE NAME	
PLAN	
NOTE BOOK NO.	

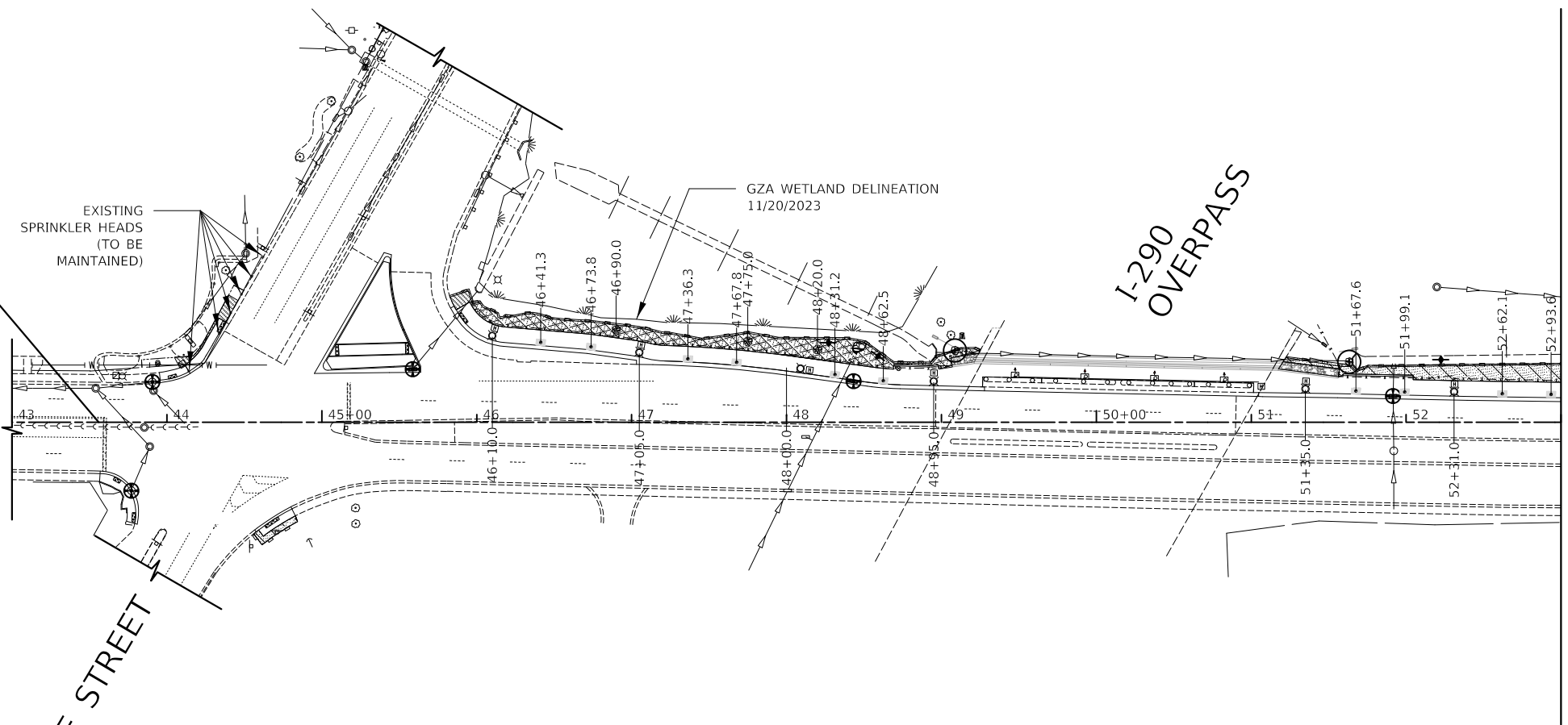
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SURVEYED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
PROFILE	
NOTE BOOK NO.	

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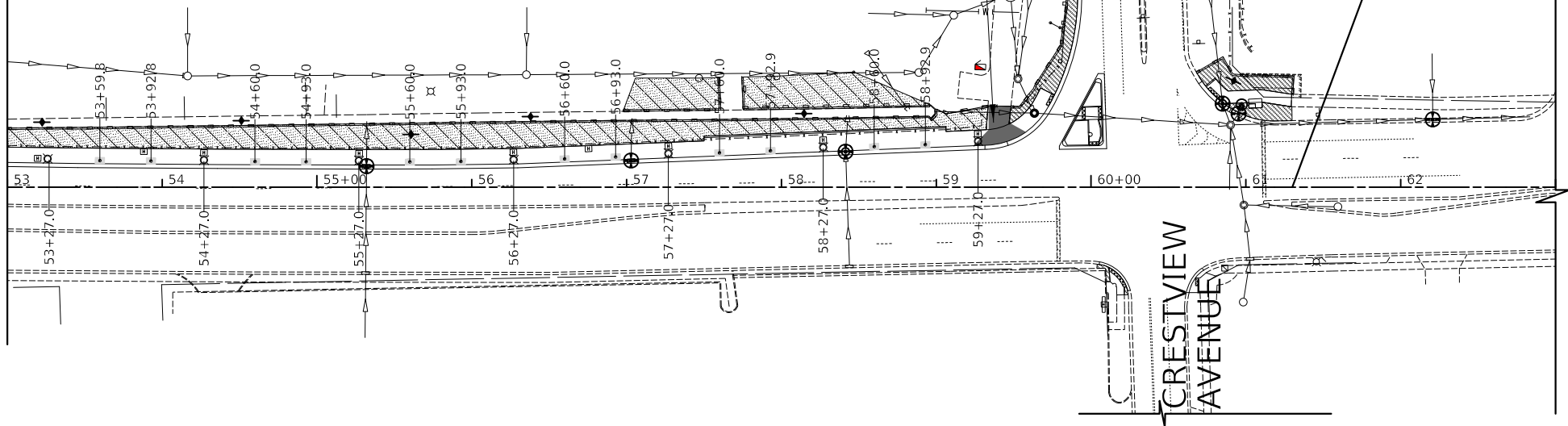
- ⊕ TREE PROTECTION
(PAID FOR AS TREE PROTECTION, SPECIAL
(SEE TREE AND PARKWAY PROTECTION DETAIL))
- ⊕ INLET FILTER
- ⊕ INLET AND PIPE PROTECTION
(PAID FOR AS 16 LF OF TEMPORARY DITCH
CHECKS, 2 SY OF TEMPORARY EROSION
CONTROL BLANKET, AND 1 INLET FILTER)
- PERIMETER EROSION BARRIER
- 4' x 6' TREE GRATE ASSEMBLY, COMPLETE
- TREE, GLEDITSIA TRIACANTHOS INERMIS
SKYLINE (SKYLINE THORNLESS COMMON
HONEYLOCUST), 2-1/2" CALIPER, BALLED AND
BURLAPPED
- TREE, CELTIS OCCIDENTALIS (COMMON
HACKBERRY), 2-1/2" CALIPER, BALLED AND
BURLAPPED
- ⊕ PROPOSED TEMPORARY DITCH CHECK
(SEE LIGHTING PLANS SHEET NO. 63 - 72)
- ⊕ PROPOSED LIGHT POLE
(SEE LIGHTING PLANS SHEET NO. 63 - 72)
- ▨ TEMPORARY EROSION CONTROL SEEDING
TEMPORARY EROSION CONTROL BLANKET
- ▨ TOPSOIL PLACEMENT 4" (SEE NOTE 1)
SODDING, SALT TOLERANT
- ▨ TEMPORARY EROSION CONTROL SEEDING
TEMPORARY EROSION CONTROL BLANKET
- ▨ TOPSOIL PLACEMENT 4" (SEE NOTE 1)
SEEDING, CLASS 4 (MODIFIED)
EROSION CONTROL BLANKET (SPECIAL)
- ▨ TEMPORARY EROSION CONTROL SEEDING
TEMPORARY EROSION CONTROL BLANKET
- ▨ TOPSOIL PLACEMENT 4" (SEE NOTE 1)
SEEDING, CLASS 4
SEEDING, CLASS 5A
EROSION CONTROL BLANKET (SPECIAL)

BEGIN
CONSTRUCTION
STA. 43+56

LAKE STREET



MATCH LINE STA 53+00
SEE SHEET NO ABOVE



END
CONSTRUCTION
STA. 61+30

MATCH LINE STA 53+00
SEE SHEET NO BELOW

YORK STREET

YORK STREET

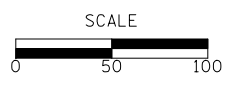
NOTES

1. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE USED FIRST FOR PLACEMENT OF 4" OF TOPSOIL WHERE INDICATED. IF SUFFICIENT EXISTING TOPSOIL IS NOT AVAILABLE, THE REMAINING AREA SHALL BE COMPLETED USING THE PAY ITEM "TOPSOIL, FURNISH AND PLACE 4".
2. MULCH BED SHALL BE ADDED TO ANY EXISTING TREES TO REMAIN. MULCH BED SIZE WILL VARY UPON EXISTING TREE SIZES. THIS WORK SHALL BE PAID FOR AS "WEED CONTROL, PRE EMERGENT HERBICIDE" AND "MULCH PLACEMENT 4".
3. CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREA ABUTTING EXISTING TREES BY MAINTAINING THE MULCH RING AROUND THE TREE.

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DATE -	10/30/2024	REVISED -	

CITY OF ELMHURST

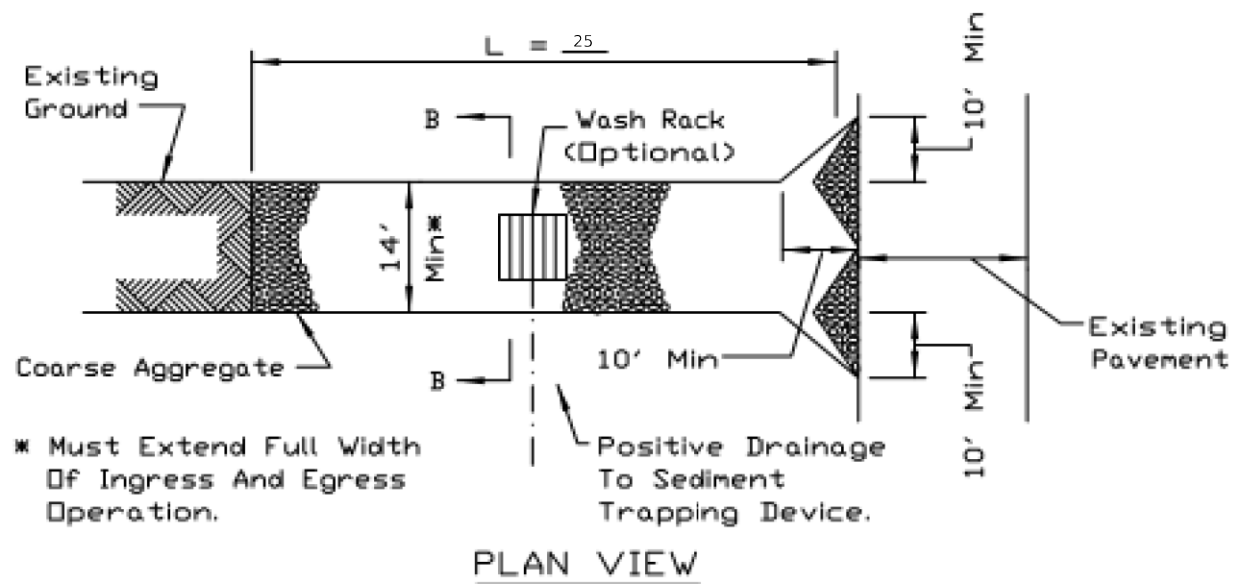


**NORTH YORK STREET SIDEWALK IMPROVEMENT
EROSION CONTROL AND LANDSCAPING PLAN**

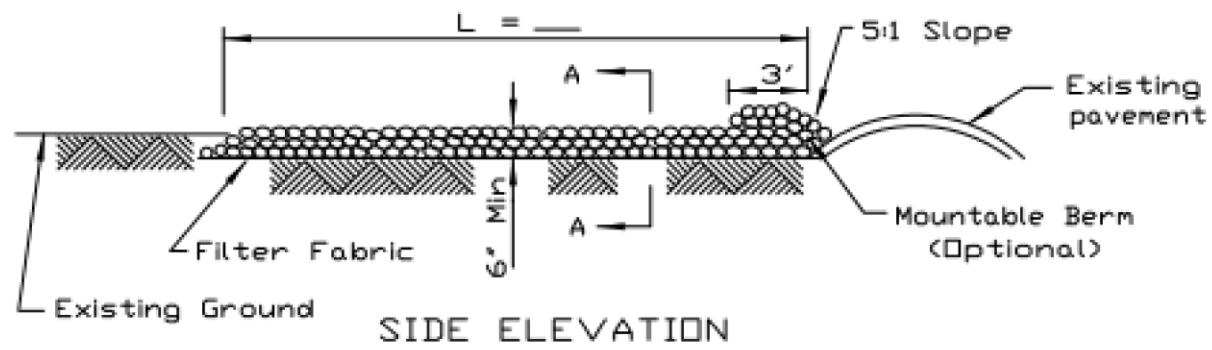
SHEET NO. 1 OF 1 SHEETS STA. 43+00 TO STA. 63+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	98	27
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



SIDE ELEVATION

NOTES:

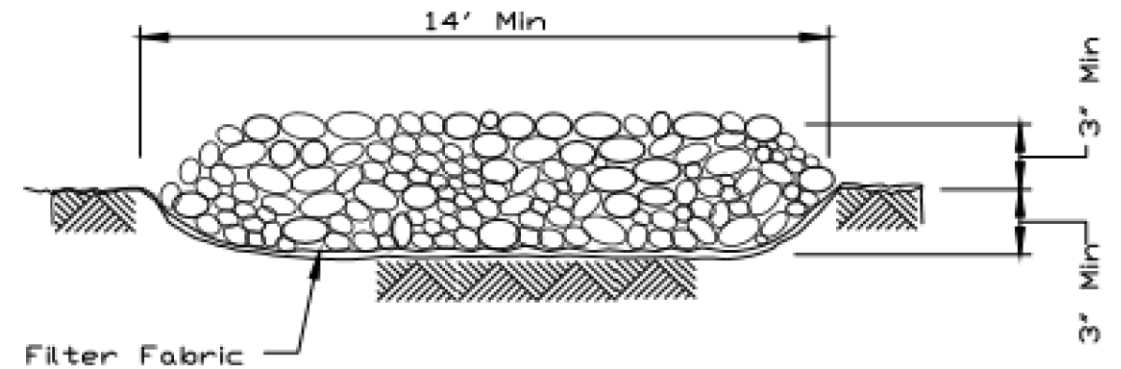
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____

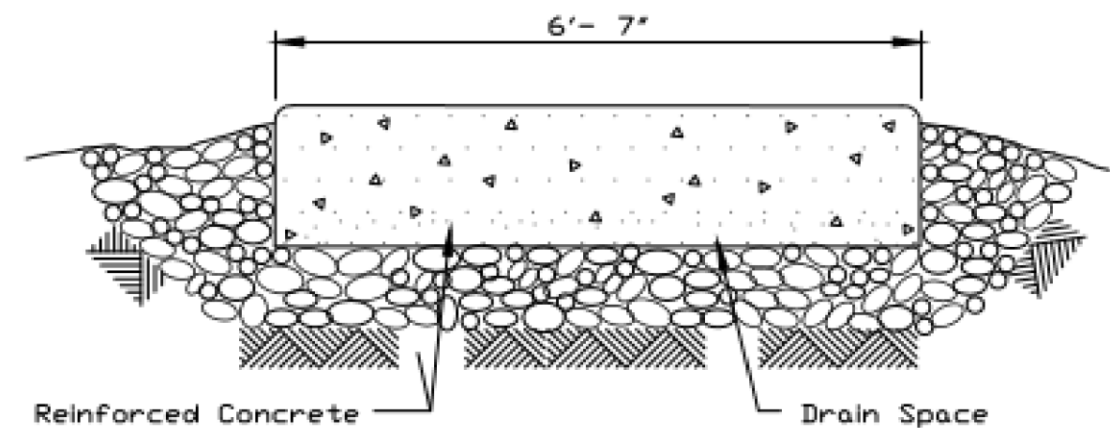


STANDARD DWG. NO.	IL-630
SHEET	1 OF 2
DATE	8-18-94

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A



SECTION B-B

REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-630
SHEET	2 OF 2
DATE	8-18-94

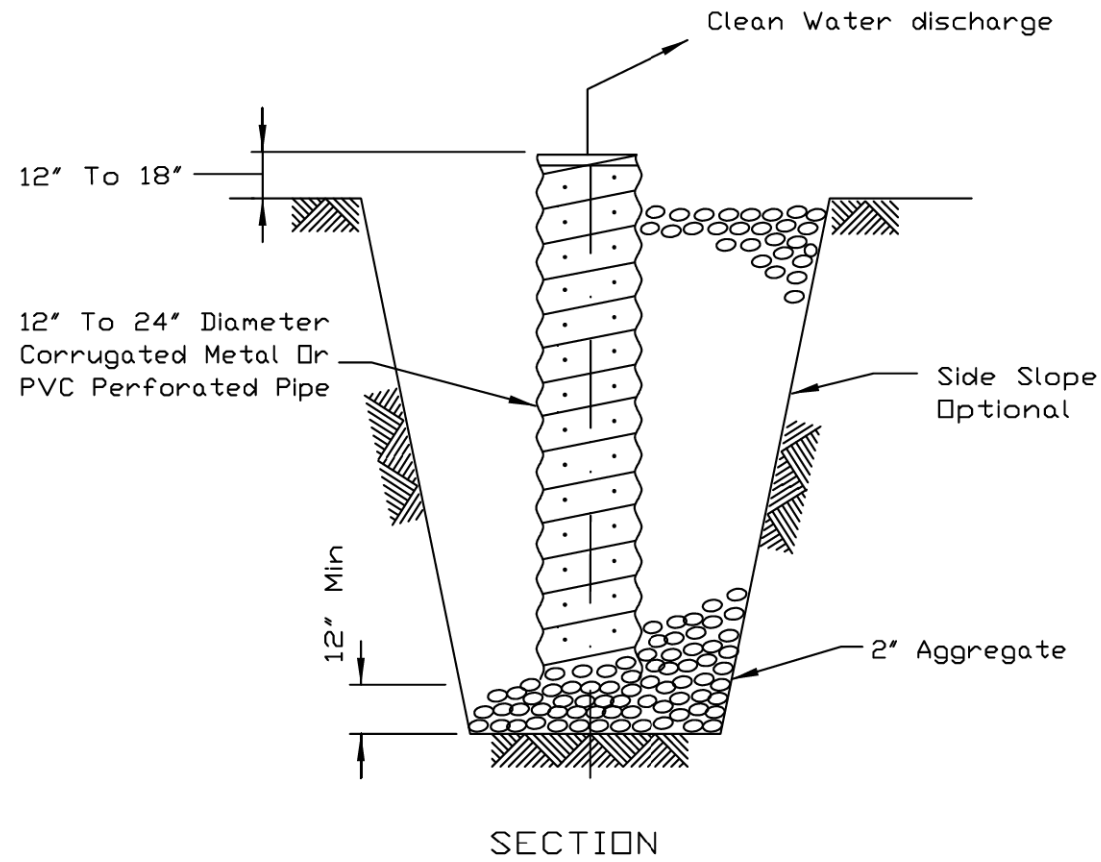
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PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NO. _____	

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BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
DATE	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES	
CHECKED	
DATE	
NO.	

SUMP PIT PLAN



NOTES:

1. Pit dimensions are optional.
2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
3. A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
4. The standpipe will extend 12" to 18" above the lip of the pit.
5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
6. If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

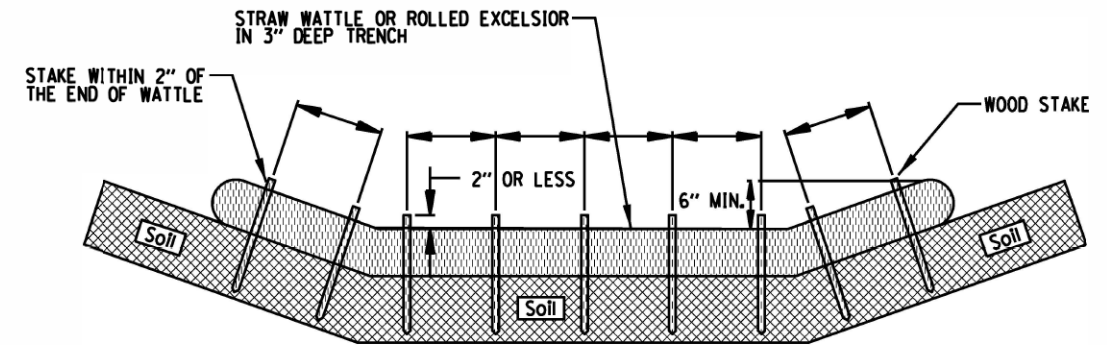
REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____



STANDARD DWG. NO.
IL-650
SHEET 1 OF 1
DATE 8-11-94

ROLLED EROSION CONTROL PRODUCTS

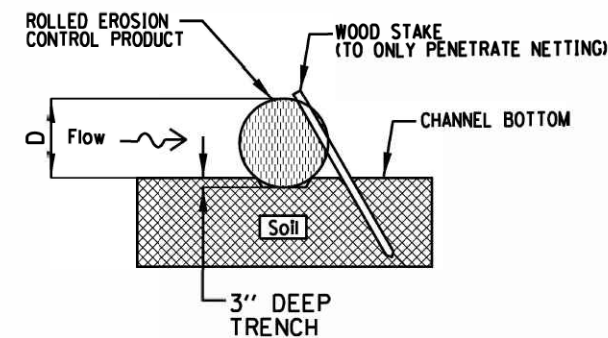
STAKING PATTERN GUIDE



NOTES:

1. OVERLAP MINIMUM IS THE DIAMETER OF THE ROLL.
2. 4' SPACING FOR WATTLES.
3. 2' SPACING FOR ROLLED EXCELSIOR.
4. OR SPACE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

STAKE DETAIL



NOTES:

1. DRAWINGS ARE NOT TO SCALE.
2. ENDS OF WATTLES OR ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
3. RECOMMENDED STAKES ARE 1 1/8" WIDE x 1 1/8" THICK x 30" LONG.
4. STAKES SHALL NOT EXTEND ABOVE THE STRAW WATTLE MORE THAN 2".
5. SPACING: THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.

REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____



STANDARD DWG. NO.
IUM-514
SHEET 1 OF 1
DATE 08-2-2019



Two Pierce Place, Suite 1400
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Tel: 630.773.3900 Fax: 630.773.3975
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DESIGNED - JRR
DRAWN - JRR
CHECKED - KRK
DATE - 10/30/2024

REVISED -
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REVISED -

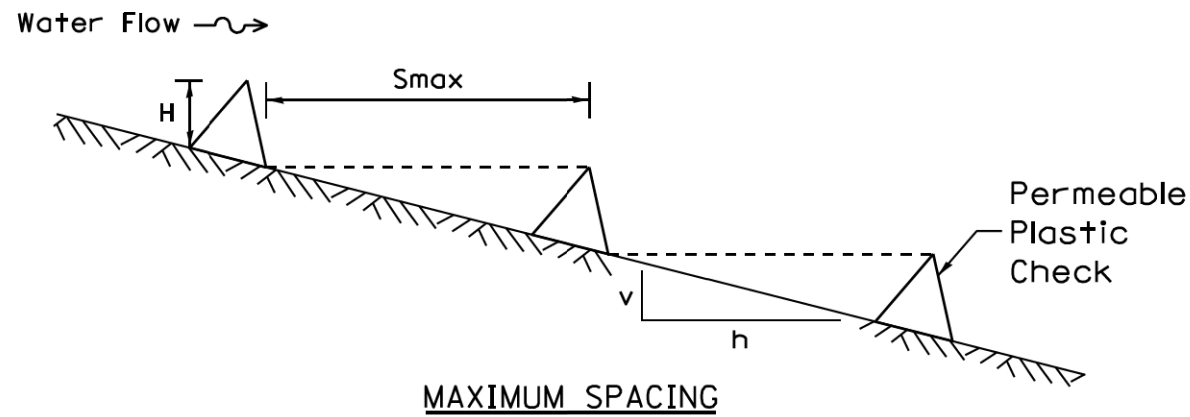
CITY OF ELMHURST

NORTH YORK STREET SIDEWALK IMPROVEMENT
EROSION CONTROL DETAILS

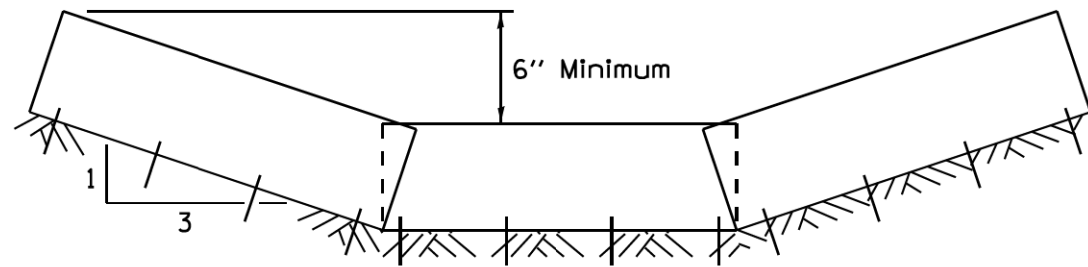
SHEET NO. 2 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

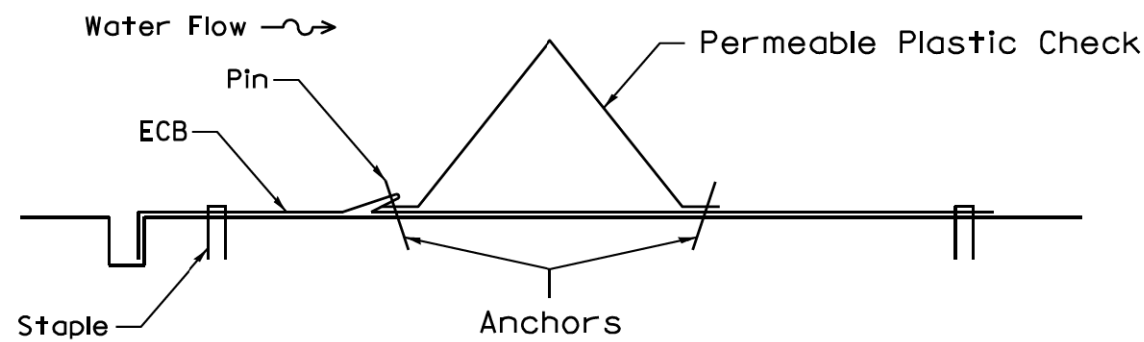
PLASTIC PERMEABLE CHECKS



MAXIMUM SPACING



TYPICAL DITCH CROSS SECTION

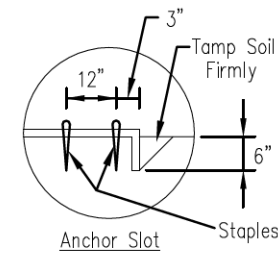
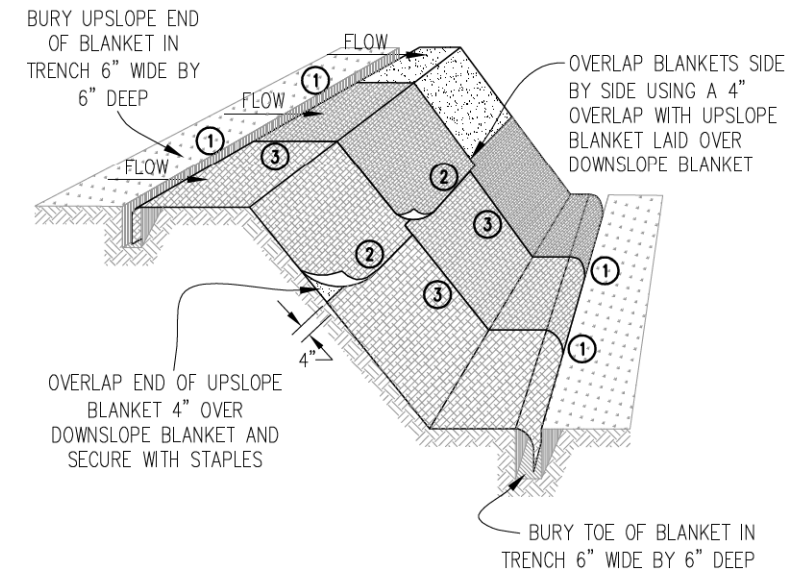


PLASTIC PERMEABLE CHECK CROSS SECTION

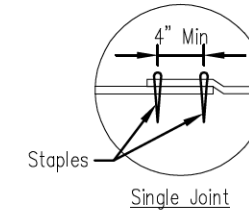
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Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



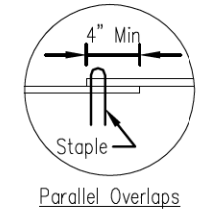
STANDARD DWG. NO.
IUM-514
SHEET 1 OF 1
DATE 8-19-11



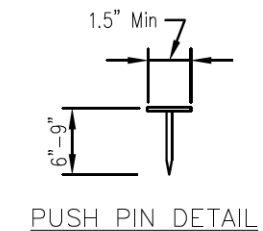
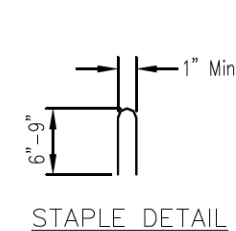
DETAIL 1



DETAIL 2



DETAIL 3



NOTES:

1. Staples shall be placed in a diamond pattern at 2 per s.y. for stiched blankets. Non-stiched shall use 4 staples per s.y. of material. This equates to 200 staples with stiched blanket and 400 stapels with non-stiched blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

Sheet 1 of 1

Scale: IUM-530

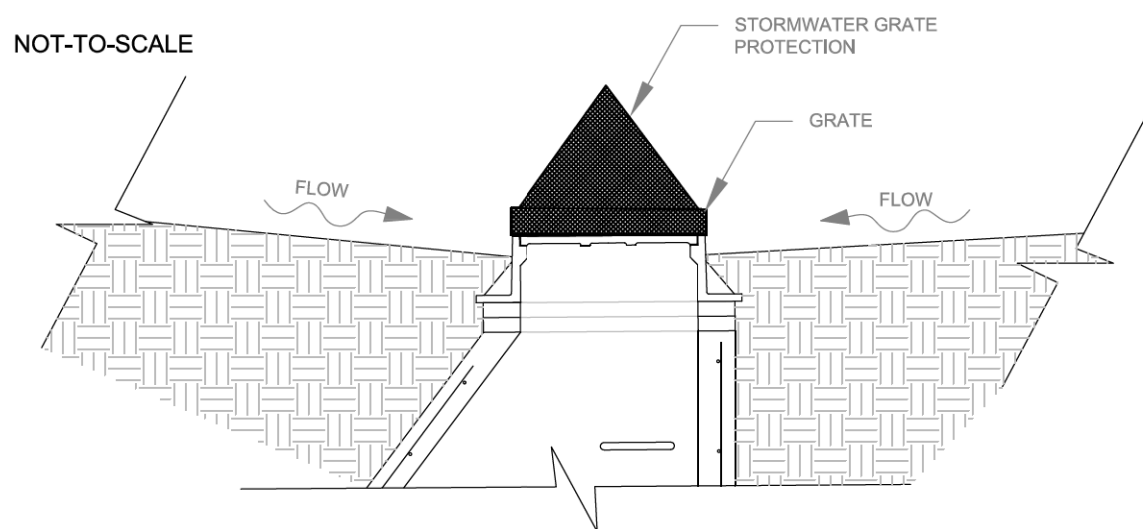
EROSION CONTROL BLANKET INSTALLATION DETAILS

Designed	Date
Drawn B. JOHNSON	11/08
Checked	
Approved	

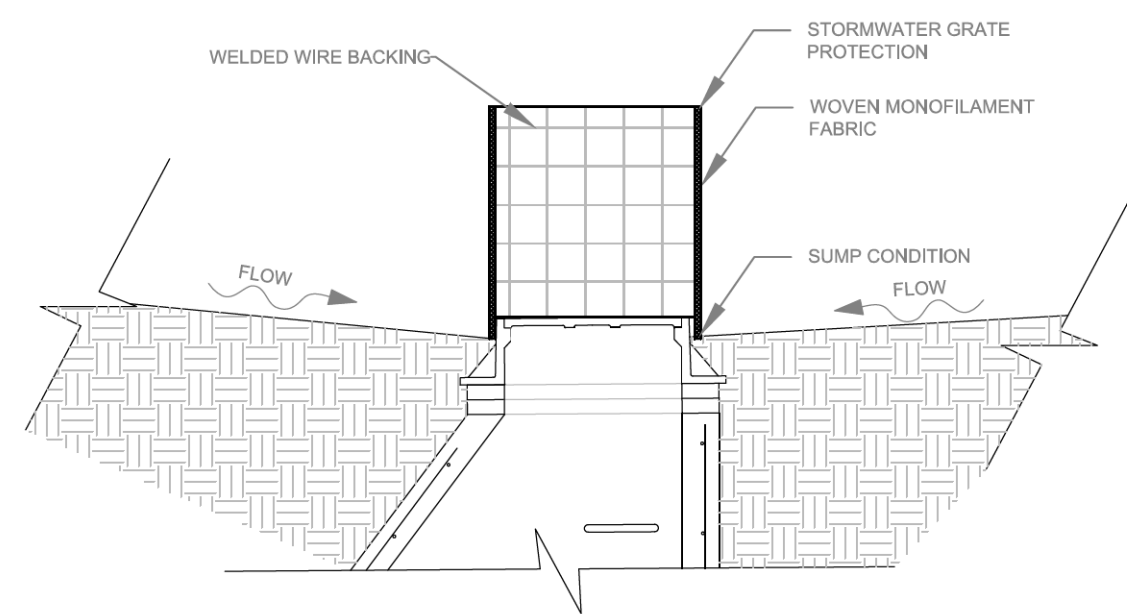
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SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
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NOTE BOOK	
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DATE	
BY	
SURVEYED	
PLOTTED	
GRADES	
CHECKED	
DATE	
NOTE BOOK	
NO.	

MANUFACTURED ABOVE GRADE INLET PROTECTION



SECTION

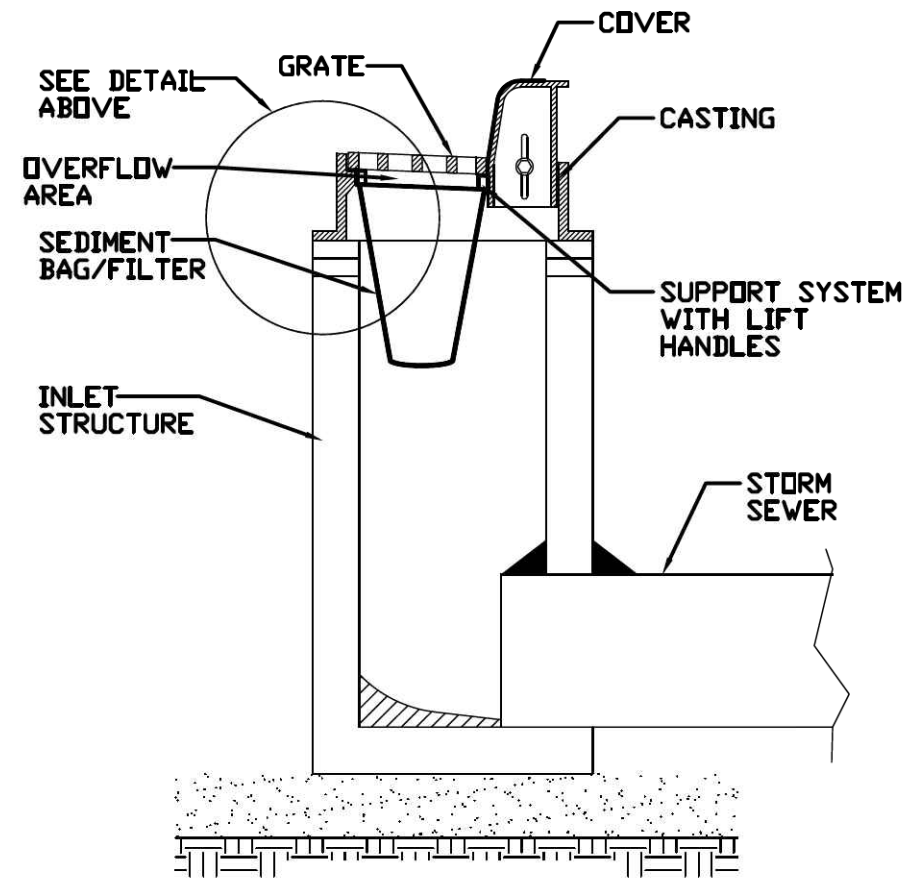
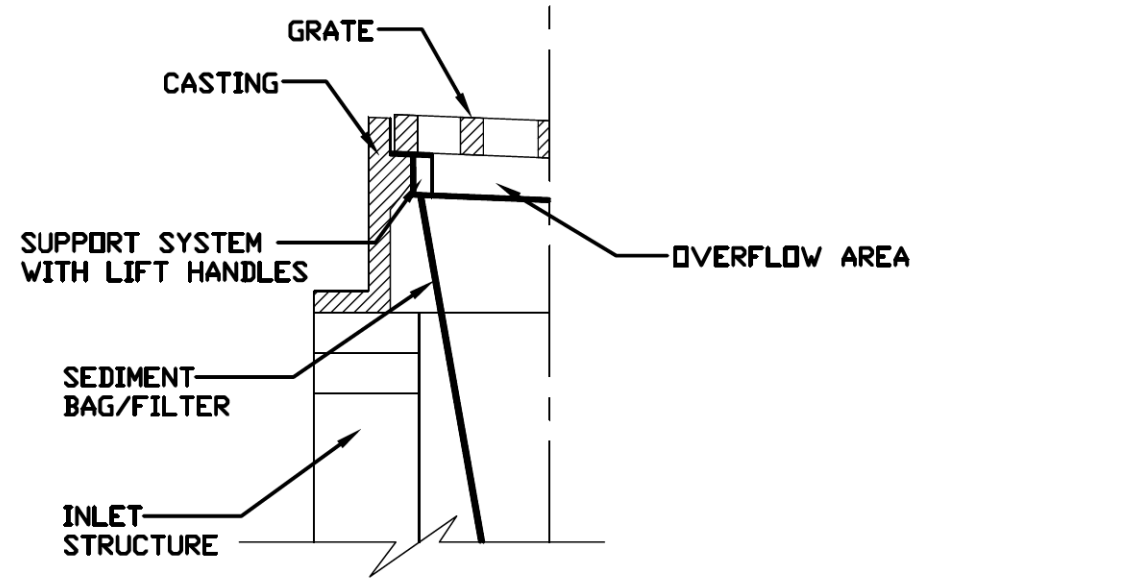


SECTION

- NOTES:**
1. A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the inlet protection.
 2. Device should be supported.
 3. Fabric type should be IUM 592 Standard Table 1 Class 4

REFERENCE		STANDARD DWG. NO.
Project _____		IUM-531
Designed _____ Date _____		SHEET 1 OF 1
Checked _____ Date _____		DATE 03-27-17
Approved _____ Date _____		

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION



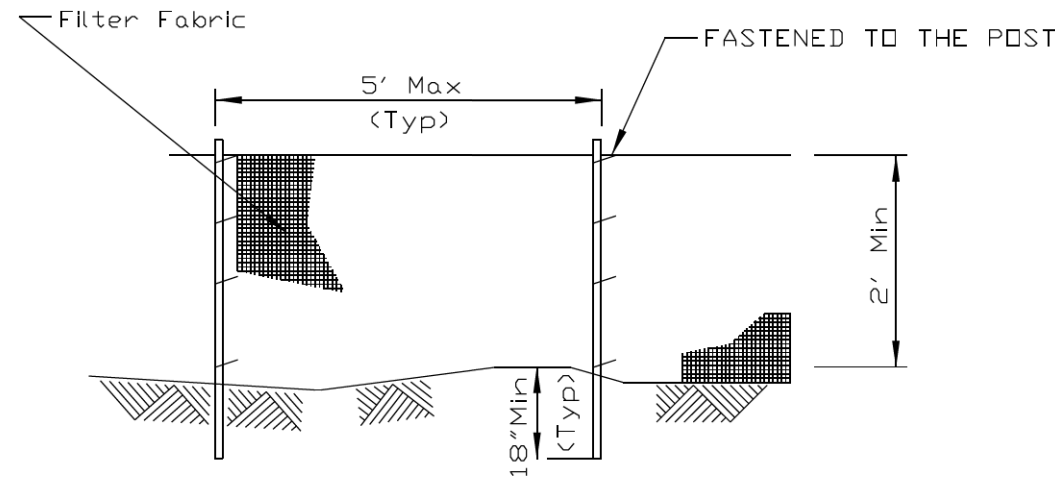
REFERENCE		STANDARD DWG. NO.
Project _____		IUM-561D
Designed _____ Date _____		SHEET 1 OF 1
Checked _____ Date _____		DATE 01-11-11
Approved _____ Date _____		



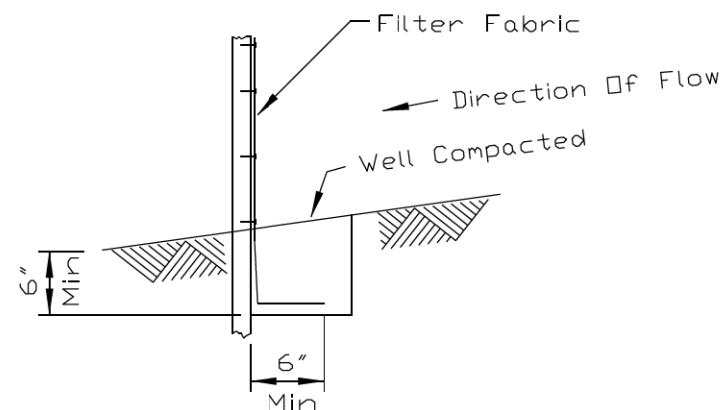
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DATE	
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SILT FENCE PLAN



ELEVATION

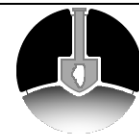


FABRIC ANCHOR DETAIL

NOTES:

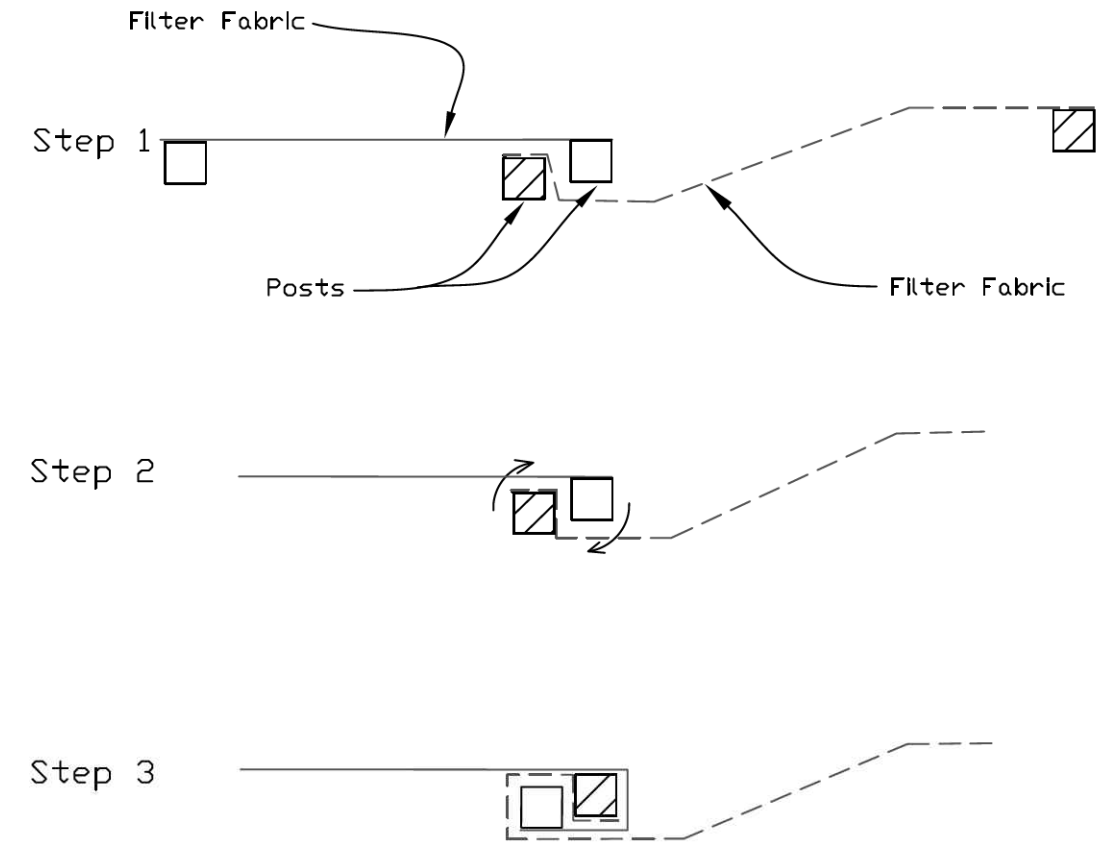
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1, Class 2.
3. Fence posts shall be either standard steel post or wood post 2" X 2" nominal.

REFERENCE	Project	_____
	Designed	_____ Date _____
	Checked	_____ Date _____
	Approved	_____ Date _____



STANDARD DWG. NO.
IUM-620A
SHEET 1 OF 2
DATE 04-15-2021

SILT FENCE - SPLICING TWO FENCES



ATTACHING TWO SILT FENCES

1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
4. Drive both posts a minimum of 18 inches into the ground and bury the flap.
5. Compact backfill (particularly at splices) completely to prevent stormwater piping.

REFERENCE	Project	_____
	Designed	_____ Date _____
	Checked	_____ Date _____
	Approved	_____ Date _____



STANDARD DWG. NO.
IUM-620B(W)
SHEET 1 OF 1
DATE 3-16-2012



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CHECKED	- KRK	REVISED	-
DATE	- 10/30/2024	REVISED	-

CITY OF ELMHURST

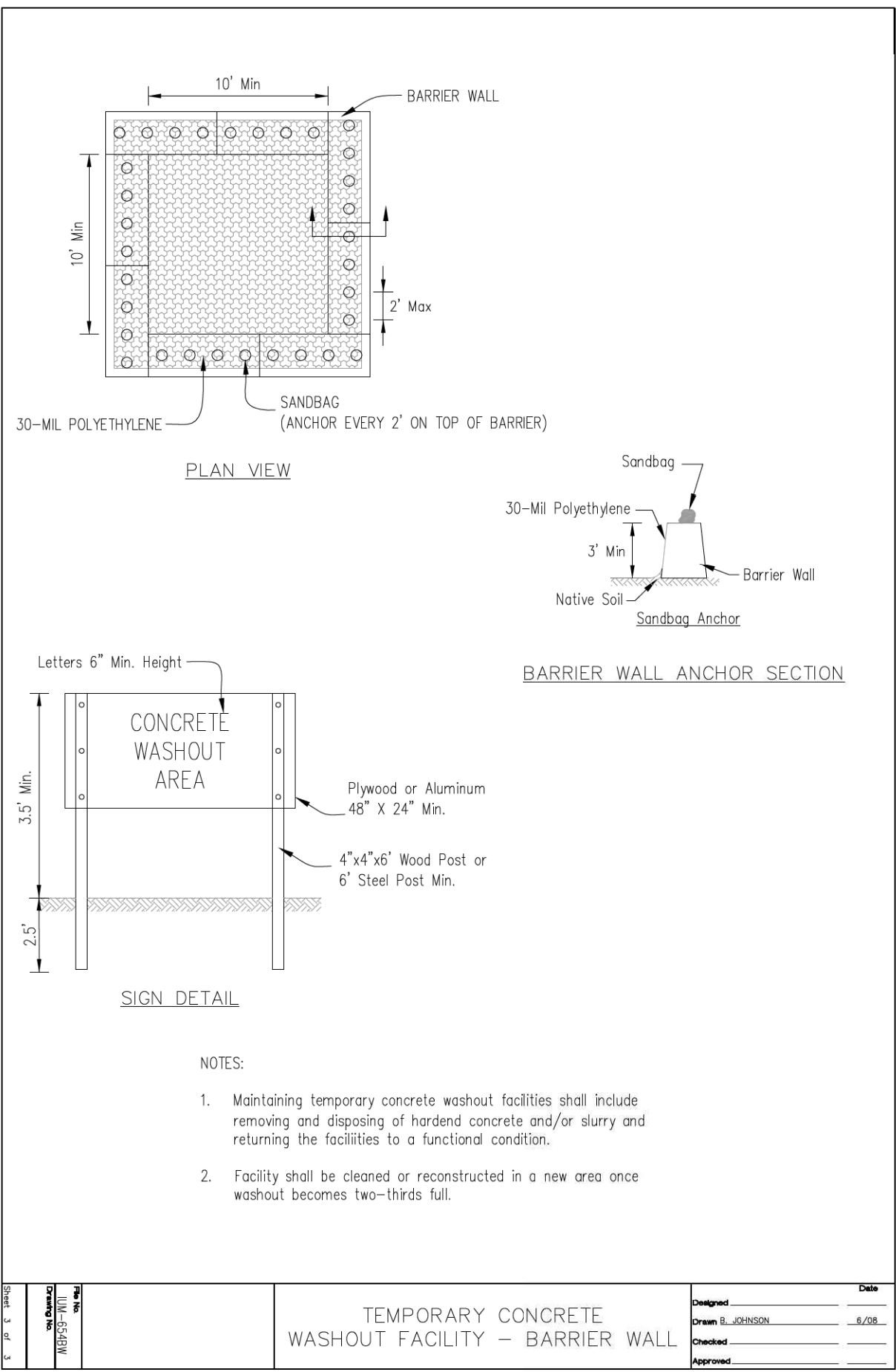
NORTH YORK STREET SIDEWALK IMPROVEMENT EROSION CONTROL DETAILS

SHEET NO. 5 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	32
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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SURVEYED	
PLOTTED	
ALIGNED	
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FILED	
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SURVEYED	
PLOTTED	
GRADES	
CHECKED	
STRUCTURE	
NOTATIONS	
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NO.	



SHEET NO. 6 OF 7 CIVILTECH MBP/SG-JW/ML 10/30/2024	TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL	Date Designed _____ Drawn B. JOHNSON 6/08 Checked _____ Approved _____
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TREE PROTECTION, SPECIAL

The general contractor must properly install tree and parkway protection. The purpose of this fence is to protect the trees and root systems from damage, either by vehicles or material storage. If you are unsure of how and where to install the fencing, call Community Development at 630-530-3030 and request an on-site meeting with an inspector. After installation, remember to schedule another inspection with the same department.

Trunk Diameter	Tree Protection Zone Radius
1" to 9"	5 Feet
10" to 14"	10 Feet
15" to 19"	12 Feet
Over 19"	15 Feet

INSTALLATION INSTRUCTIONS

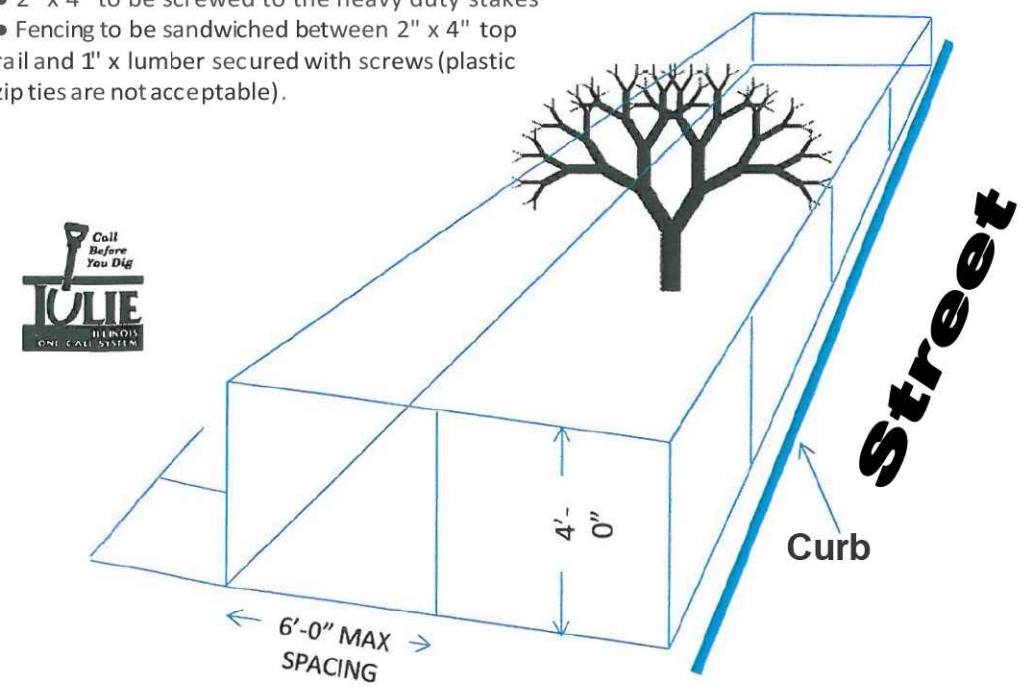
Install tree protection by constructing a fence as directed. Utilize steel fence post material at 6'-0" O.C. Provide a continuous wood horizontal top rail screwed to the metal posts. Neatly stretch and secure orange plastic snow fence material to the top rail and vertical members (**a chain link fence is not permitted**).

This protective fence shall remain intact throughout the entire duration of the construction project. It is the sole responsibility of the general contractor to maintain the fence during the entire length of the project. Near the completion of the project and prior to removing the fence, call Community Development at 630-530-3030 to request an inspection of the parkway and permission to remove the fence. Call for this inspection before final landscaping begins.

CITY RIGHT-OF-WAY SHALL NOT BE USED FOR STORAGE OF ANY TYPE AT ANY TIME

Construction Site:

- Heavy Duty Metal Stakes @ 6'-0" O.C. Max
- Continuous 2" x 4" Wood Top Rail
- 2" x 4" to be screwed to the heavy duty stakes
- Fencing to be sandwiched between 2" x 4" top rail and 1" x lumber secured with screws (plastic zip ties are not acceptable).



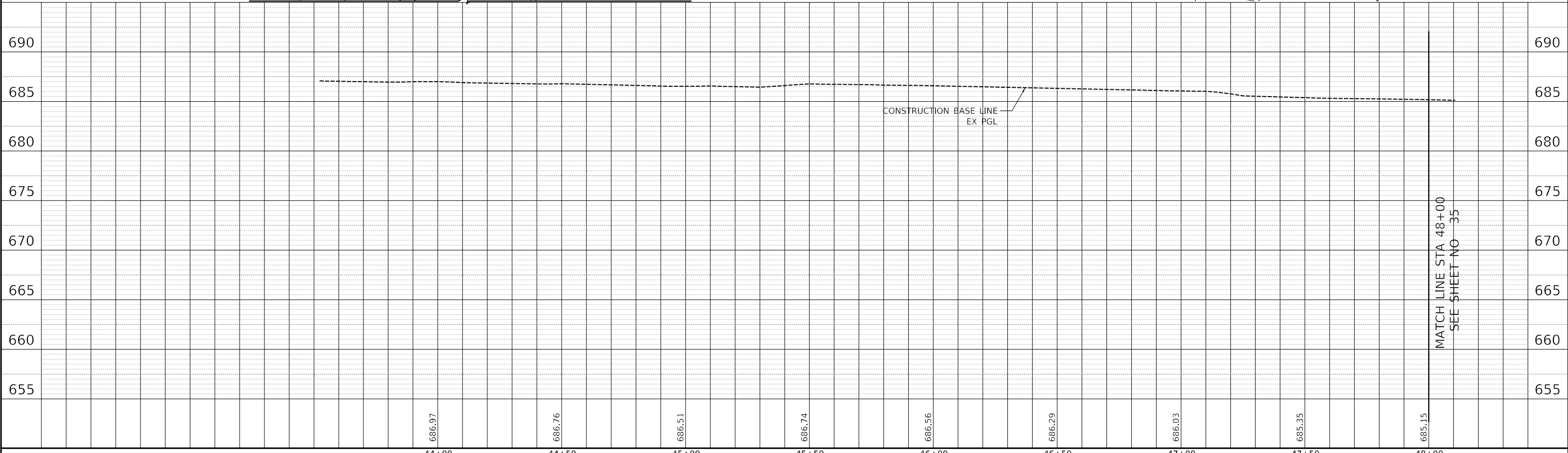
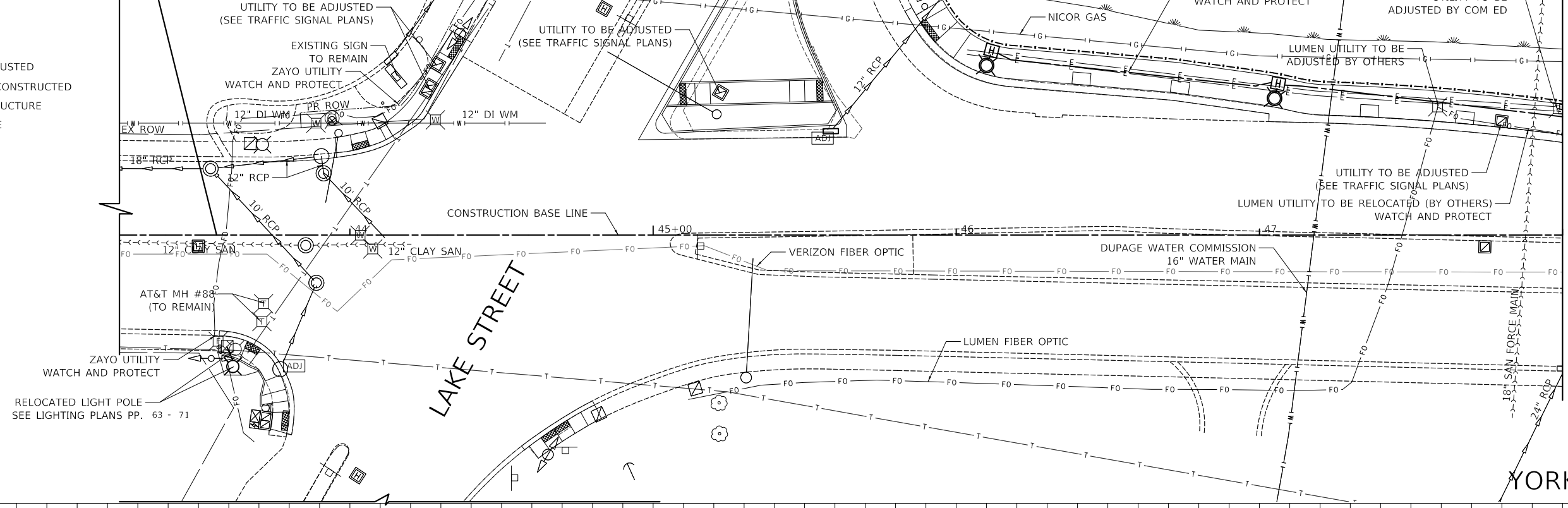
BEGIN
CONSTRUCTION
STA. 43+56



- LEGEND**
- [ADJ] STRUCTURE TO BE ADJUSTED
 - [REC] STRUCTURE TO BE RECONSTRUCTED
 - [XX] PROPOSED STORM STRUCTURE
 - (XX) PROPOSED STORM PIPE

DATE	
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PLAN	
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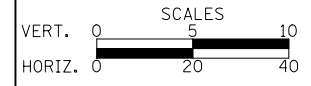


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DATE - 10/30/2024

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CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
DRAINAGE AND UTILITIES**

SHEET NO. 1 OF 4 SHEETS STA. 43+00 TO STA. 48+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	34
CONTRACT NO. 61K01				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

MATCH LINE STA 48+00
SEE SHEET NO 35

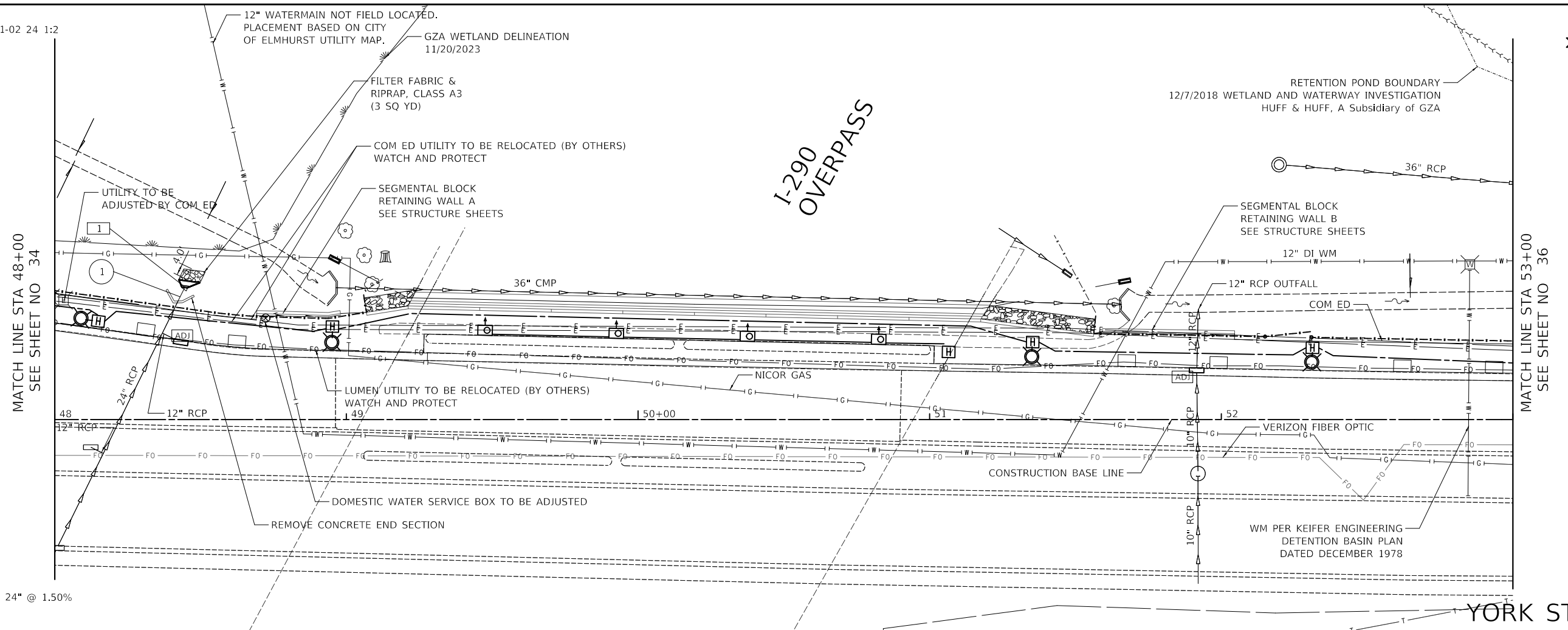
MATCH LINE STA 48+00
SEE SHEET NO 35

1 STA. 48+44.6, 45.4' LT
 CONC ES SKEWED 542201-02 24 1:2
 INV = 679.84 (24" W)

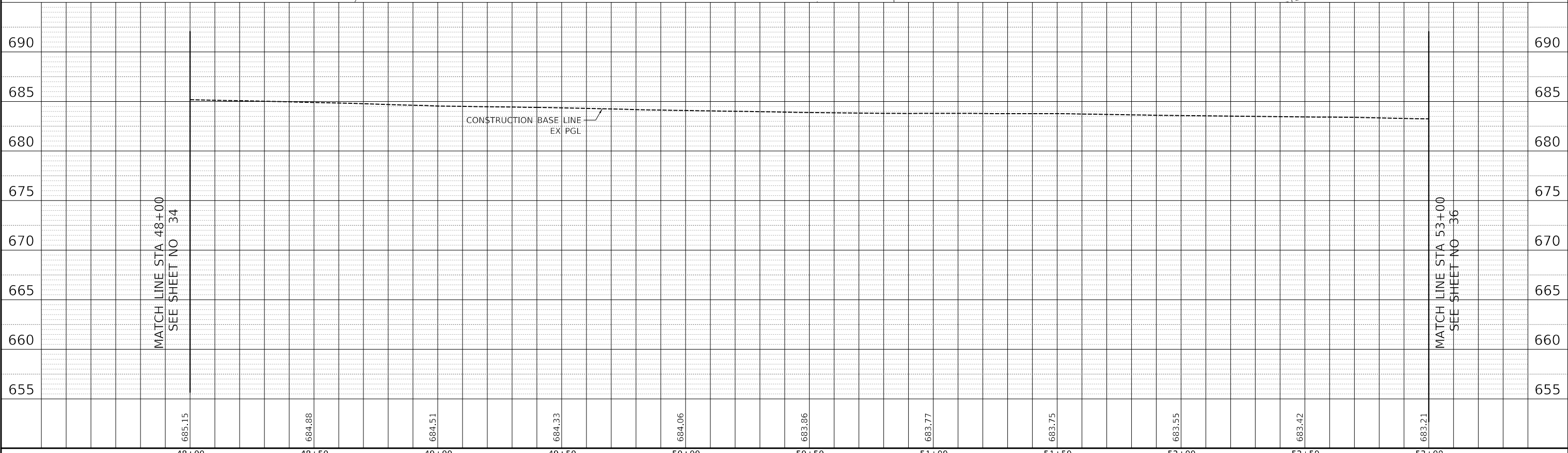


DATE	
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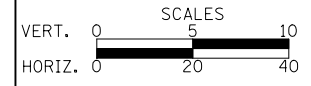
1 5' - STORM SEWER 1, 24" @ 1.50%
 TBF = 2 CU YD



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DRAWN -	JRR	REVISED -
CHECKED -	KRK	REVISED -
DATE -	10/30/2024	REVISED -

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
 DRAINAGE AND UTILITIES**

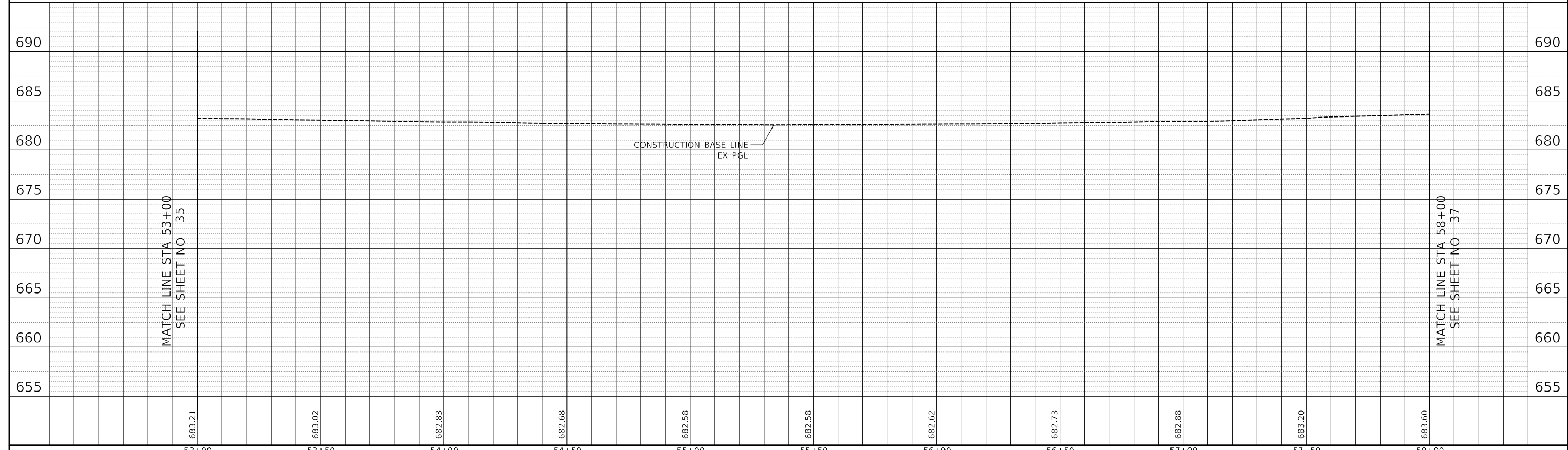
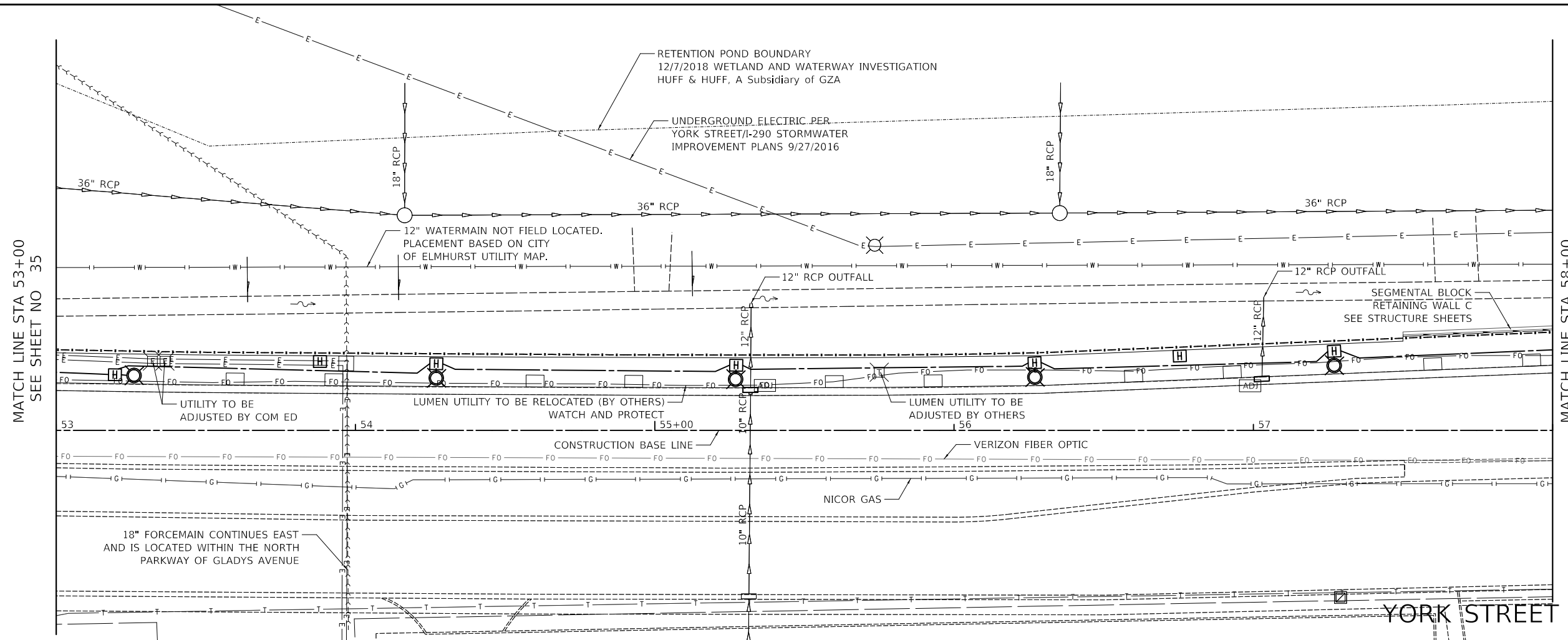
SHEET NO. 2 OF 4 SHEETS STA. 48+00 TO STA. 53+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	35
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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CHECKED -	KRK	REVISED -
DATE -	10/30/2024	REVISED -

CITY OF ELMHURST

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**NORTH YORK STREET SIDEWALK IMPROVEMENT
 DRAINAGE AND UTILITIES**

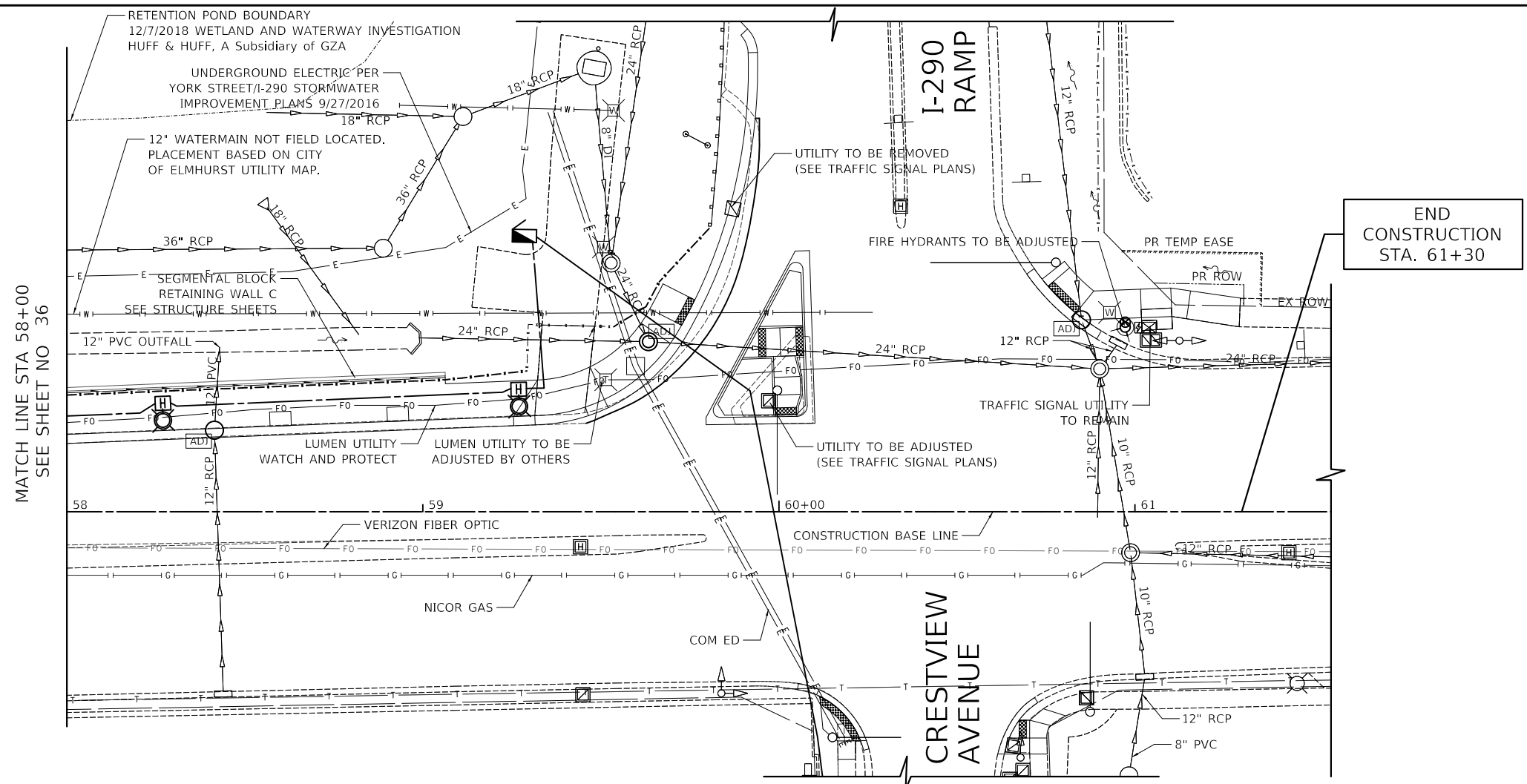
SHEET NO. 3 OF 4 SHEETS STA. 53+00 TO STA. 58+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	36
CONTRACT NO. 61K01				

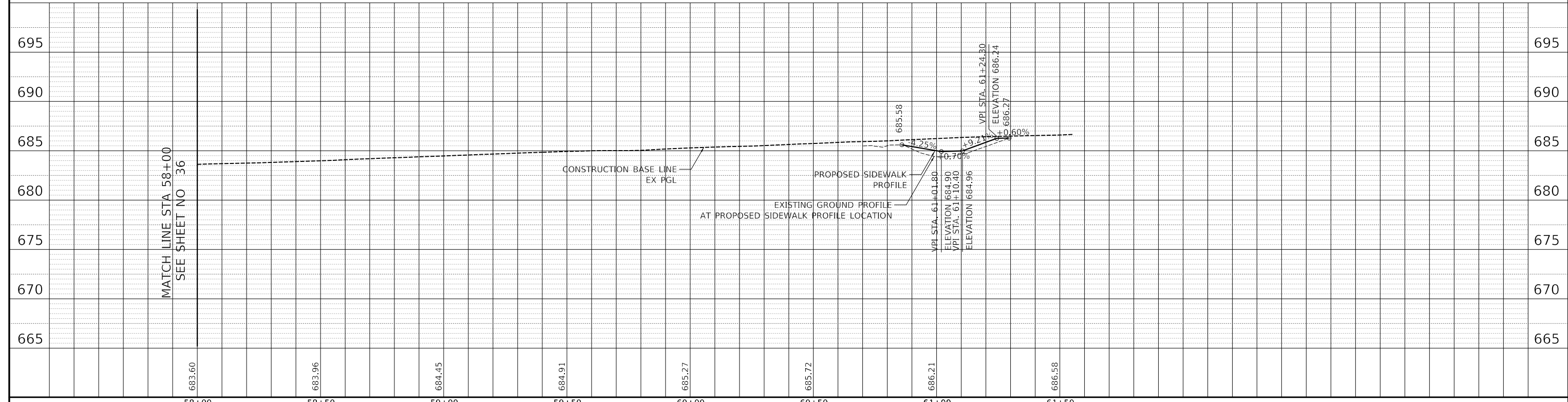
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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YORK STREET

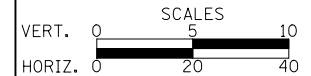


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**NORTH YORK STREET SIDEWALK IMPROVEMENT
 DRAINAGE AND UTILITIES**

SHEET NO. 4 OF 4 SHEETS STA. 58+00 TO STA. 63+00

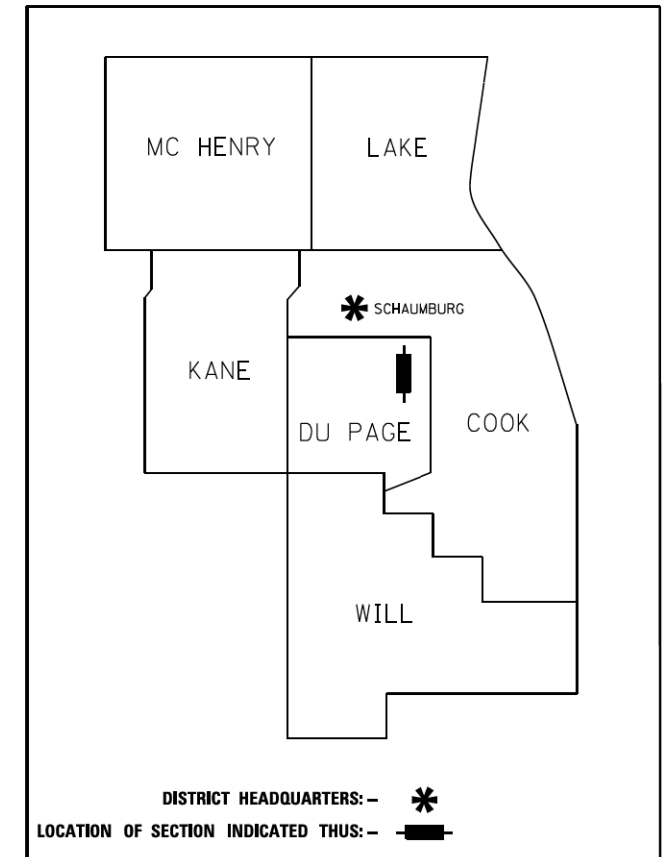
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	37
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

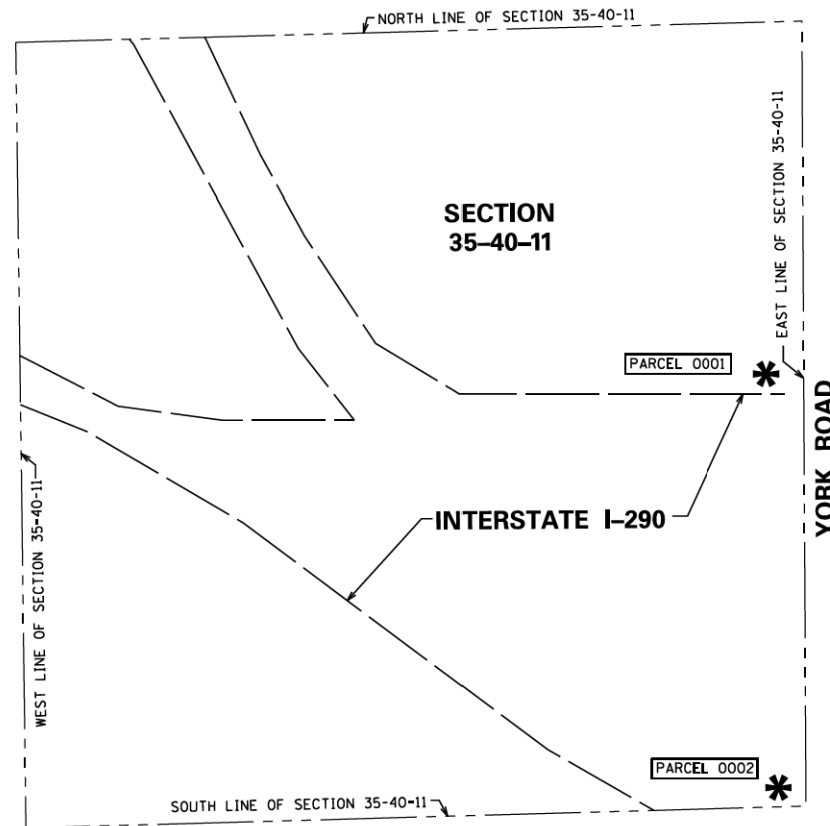
PLAT OF HIGHWAYS

**ROUTE: NORTH YORK ROAD
SECTION: 17-00188-00-SW
COUNTY: DUPAGE
LIMITS: LAKE STREET TO CRESTVIEW STREET
JOB NO.: C-91-186-20**

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001 0001TE	REALTY INCOME ILLINOIS PROPERTIES 3, LLC	2	
0002 0002TE	NXE PROPERTIES, LLC	3	



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



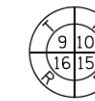
LOCATION MAP

RETURN ORIGINAL TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG ILLINOIS, 60169
ATTN: BUREAU OF LAND ACQUISITION

IDOT USE ONLY

LEGEND



SECTION CORNER



QUARTER SECTION CORNER



GRAPHIC SCALE
FEET
0 40'
SCALE: 1" = 40'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

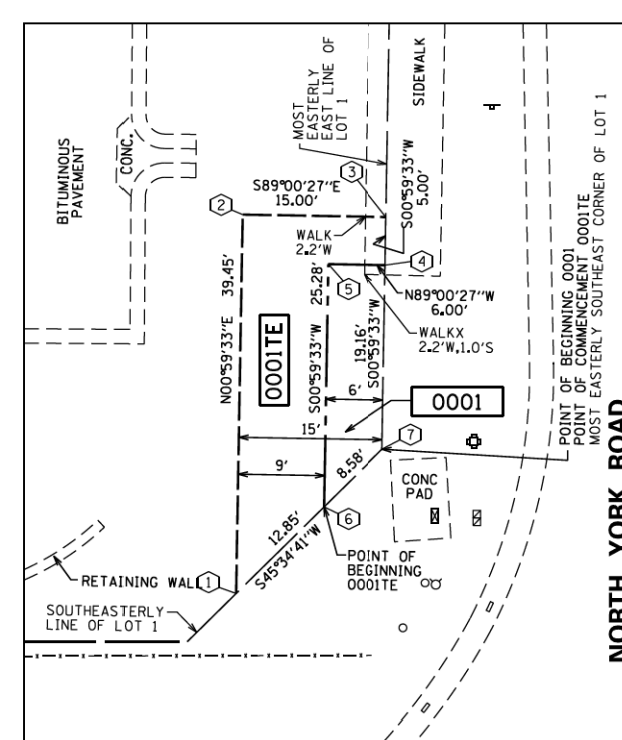
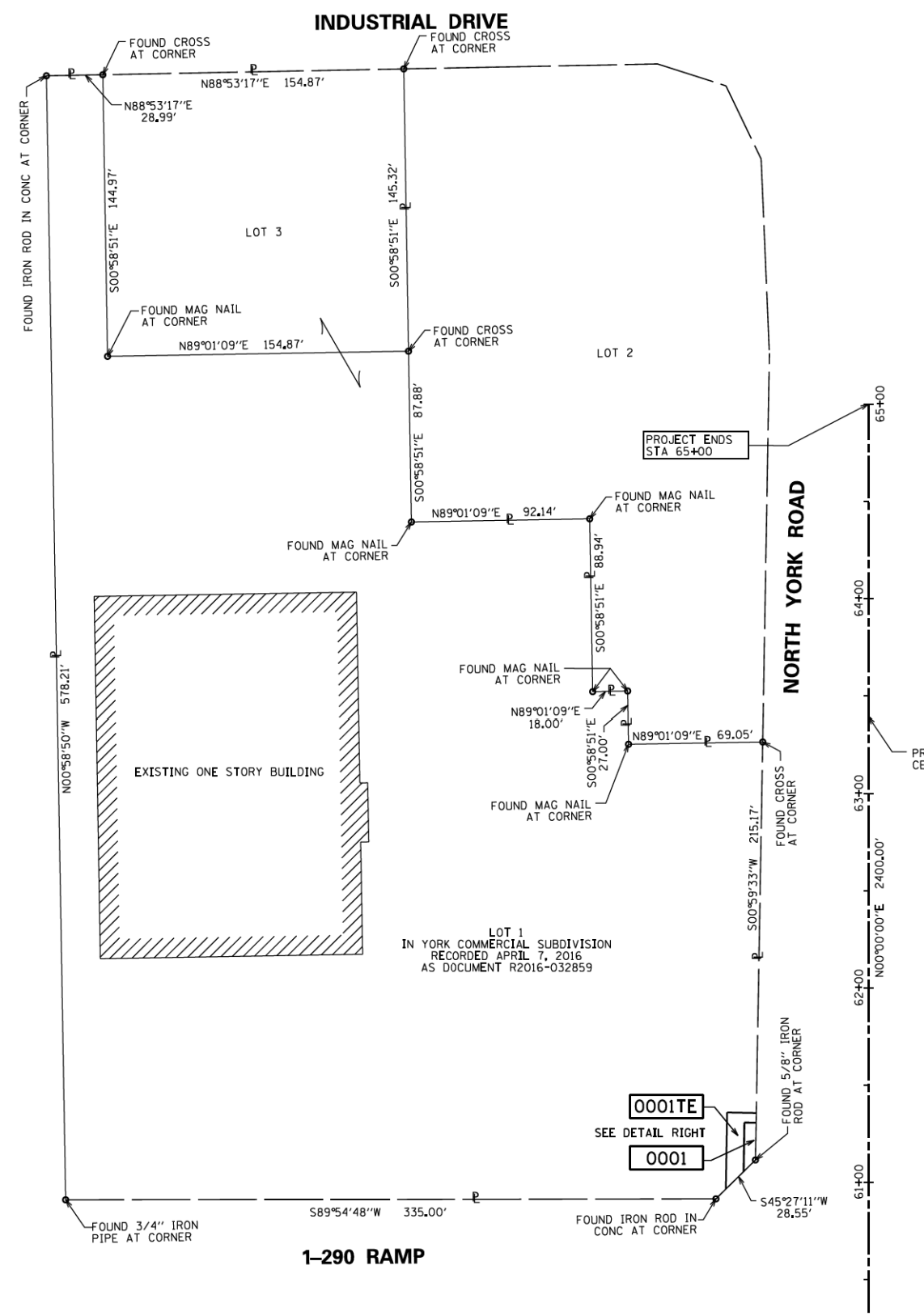
STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT WE, SPACECO, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001157, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 2022 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003642
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE SCALE FACTOR OF 0.99998810.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON JANUARY 3, 2022.

COORDINATE/STATION TABLE

Point	Northing	Easting	Station	Offset	
1	1912739.21	1091302.49	60+96.32	73.38	L
2	1912778.65	1091303.18	61+35.76	72.69	L
3	1912778.39	1091318.17	61+35.50	57.69	L
4	1912773.39	1091318.09	61+30.51	57.78	L
5	1912773.65	1091312.09	61+30.76	63.78	L
6	1912748.22	1091311.65	61+05.34	64.22	L
7	1912754.23	1091317.76	61+11.35	58.11	L

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQ. FT.	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
						ACRES	SQUARE FEET	
0001	3.639	0.003	133	0.000	3.636	0.008	344	03-35-204-018
0001TE								03-35-204-016

REVISION DATE: 04/11/2022 REVISION MADE BY: RYP
 REVISION DATE: 04/08/2022 REVISION MADE BY: RYP
 REVISION DATE: 03/23/2022 REVISION MADE BY: RYP

SPACECO INC.

 CONSULTING ENGINEERS
 SITE DEVELOPMENT ENGINEERS
 LAND SURVEYORS
 9575 W. Higgins Road, Suite 700,
 Rosemont, Illinois 60018
 Phone: (847) 696-4060 Fax: (847) 696-4065

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 NORTH YORK ROAD
 LIMITS: LAKE ST TO CRESTVIEW AVE COUNTY: DUPAGE
 SECTION: 17-00188-00-SW JOB NO: C-91-186-20
 STA. TO STA.
 SCALE: 1" = 40' SHEET 2 OF 3 SHEETS
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PART OF THE SOUTHEAST QUARTER OF SECTION 35, TWP. 40 N., R. 11 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

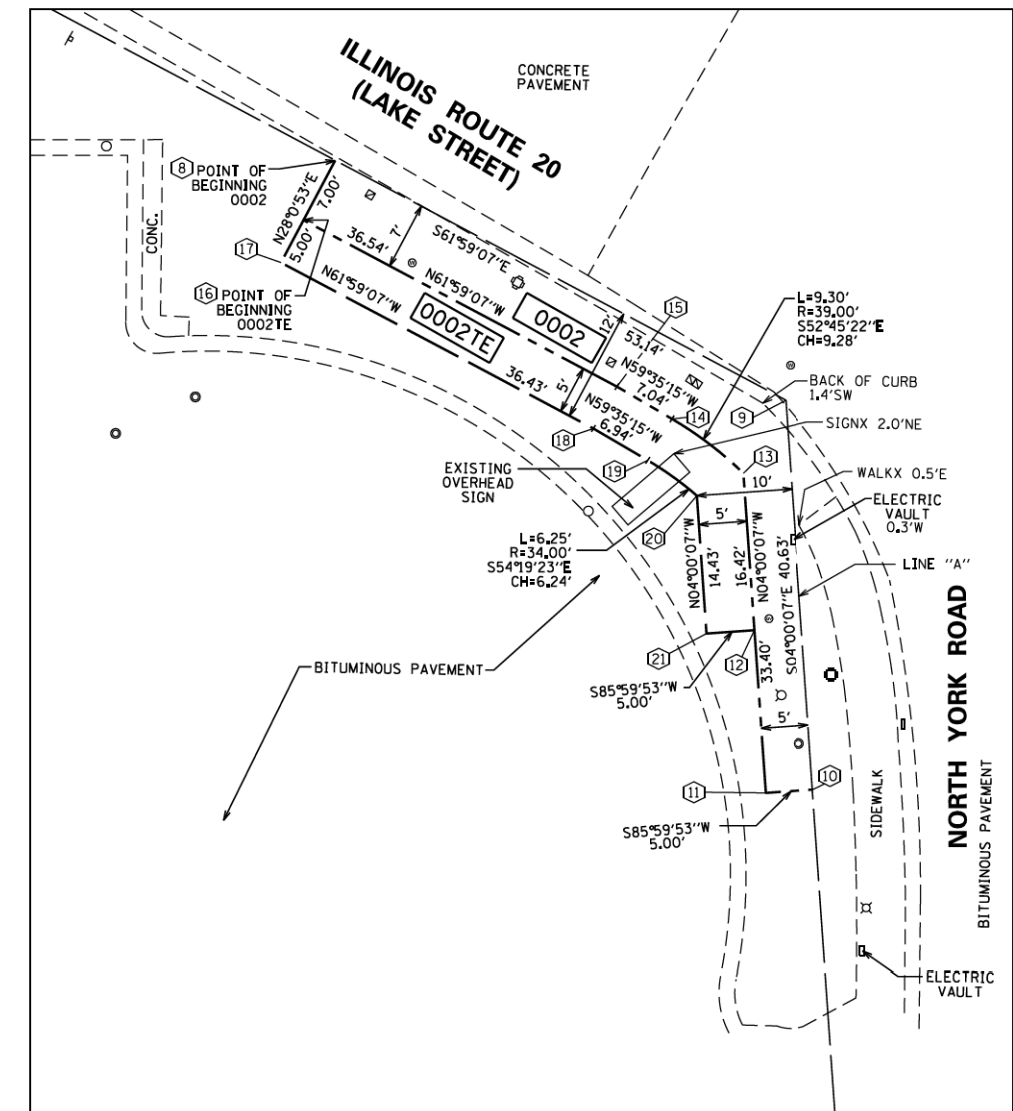
STATE OF ILLINOIS)
) SS
 COUNTY OF)

THIS IS TO CERTIFY THAT WE, SPACECO, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001157, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ____ DAY OF _____ 2022 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003642
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

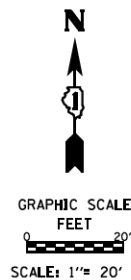


COORDINATE/STATION TABLE

Point	Northing	Easting	Station	Offset	L
8	1911092.29	1091290.65	44+49.41	85.21	L
9	1911067.34	1091337.56	44+24.45	38.3	L
10	1911026.8	1091340.4	43+83.92	35.47	L
11	1911026.46	1091335.41	43+83.57	40.46	L
12	1911043.39	1091334.23	44+00.50	41.64	L
13	1911059.77	1091333.08	44+16.89	42.79	L
14	1911065.39	1091325.7	44+22.50	50.17	L
15	1911068.95	1091319.62	44+26.07	56.25	L
16	1911086.11	1091287.37	44+43.23	88.5	L
17	1911081.7	1091285.02	44+38.81	90.85	L
18	1911064.59	1091317.18	44+21.70	58.69	L
19	1911061.08	1091323.16	44+18.19	52.7	L
20	1911057.44	1091328.23	44+14.55	47.64	L
21	1911043.04	1091329.24	44+00.15	46.63	L

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

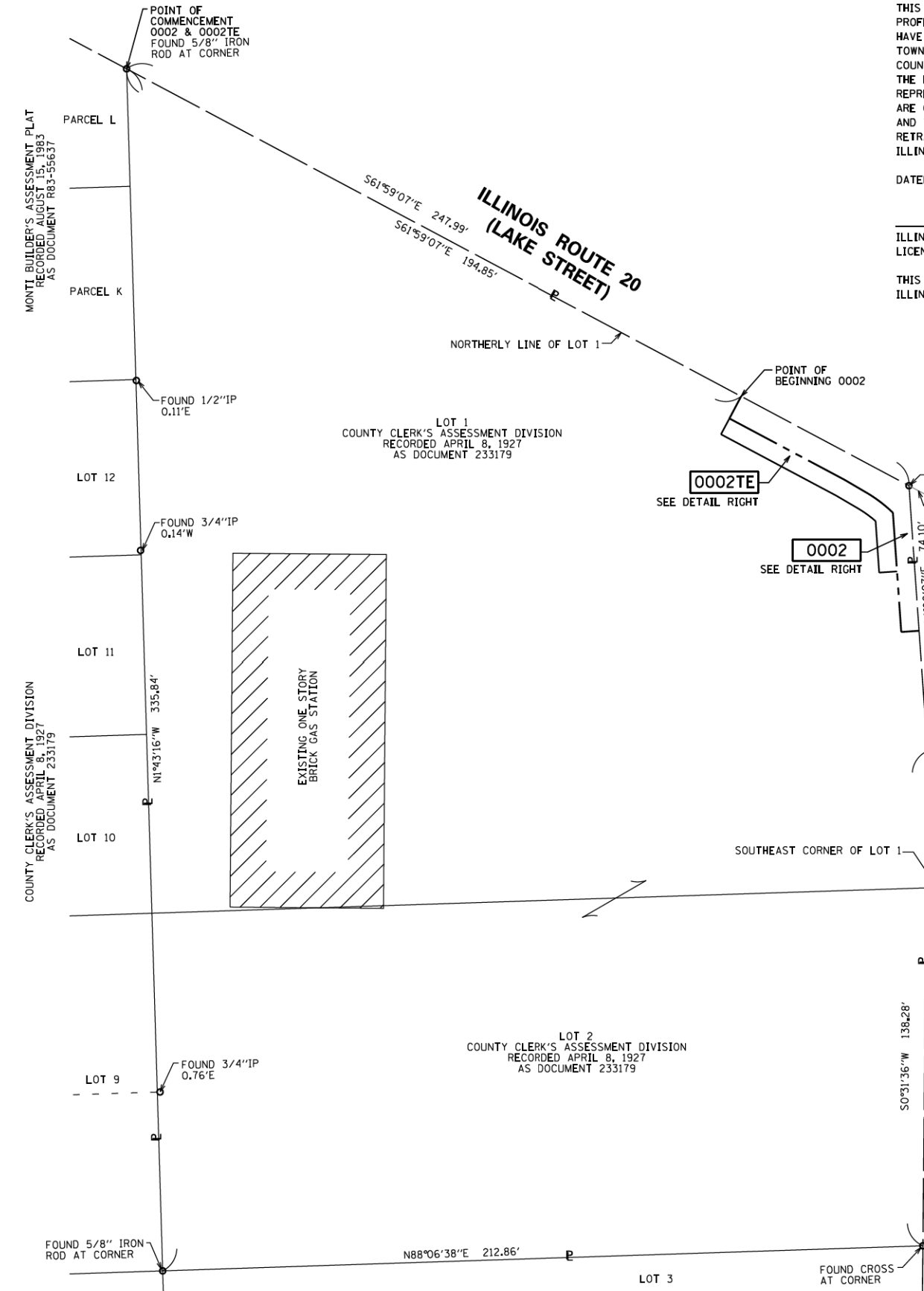


SURVEY NOTES:
 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99998810.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON JANUARY 3, 2022.

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (XXXX ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

REVISION DATE: / / REVISION MADE BY:



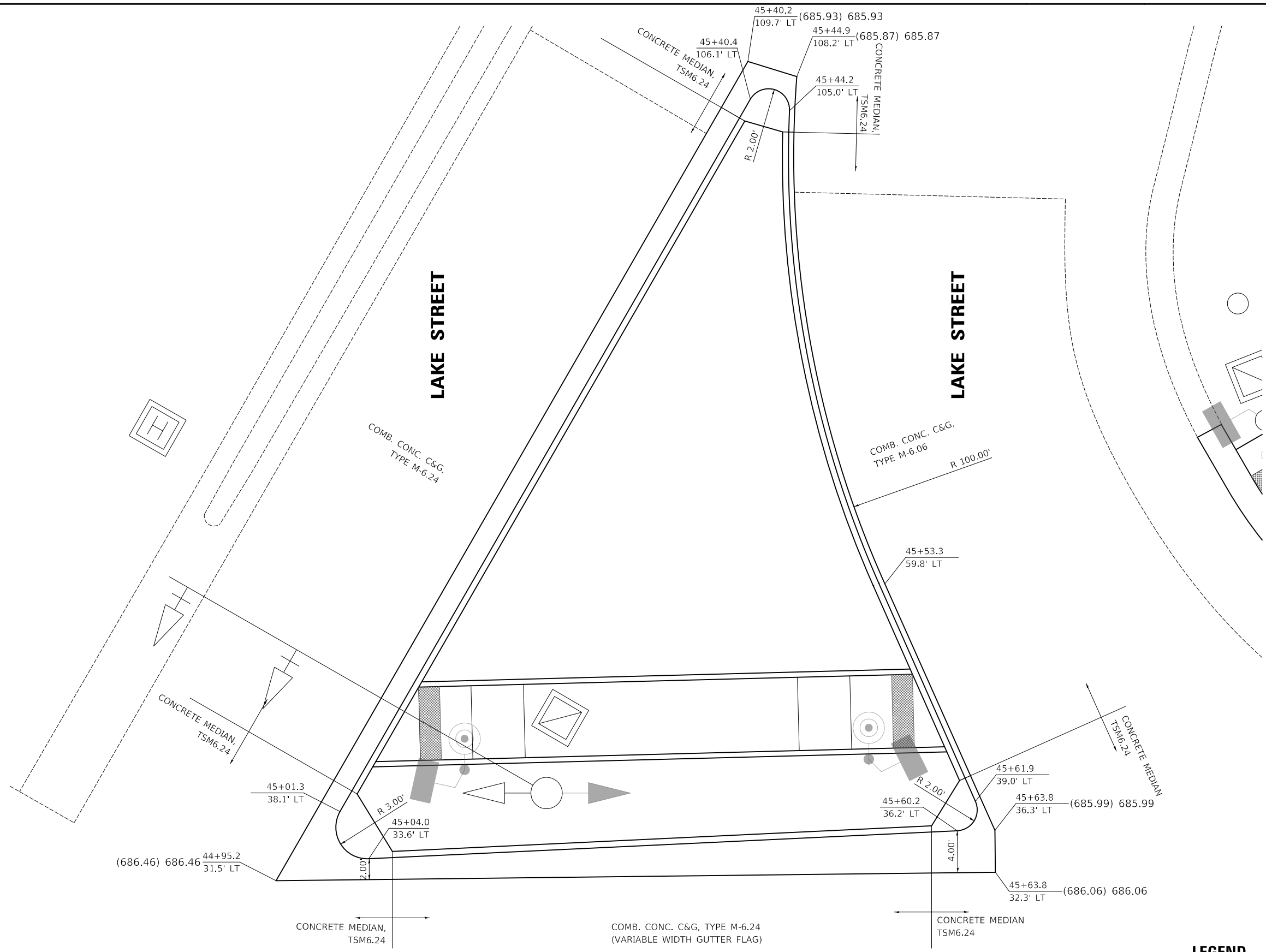
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
0002 0002TE	1.358	0.013	0.000	1.345	0.008	333	03-35-406-048 03-35-406-049

SPACECO INC.
 CONSULTING ENGINEERS
 SITE DEVELOPMENT ENGINEERS
 LAND SURVEYORS
 9575 W. Higgins Road, Suite 700,
 Rosemont, Illinois 60018
 Phone: (847) 696-4060 Fax: (847) 696-4065

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 NORTH YORK ROAD
 LIMITS: LAKE ST TO CRESTVIEW AVE COUNTY: DUPAGE
 SECTION: 17-00188-00-SW JOB NO.: C-91-186-20
 STA. TO STA.
 SCALE: 1" = 20' SHEET 3 OF 3 SHEETS
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

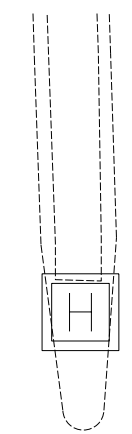
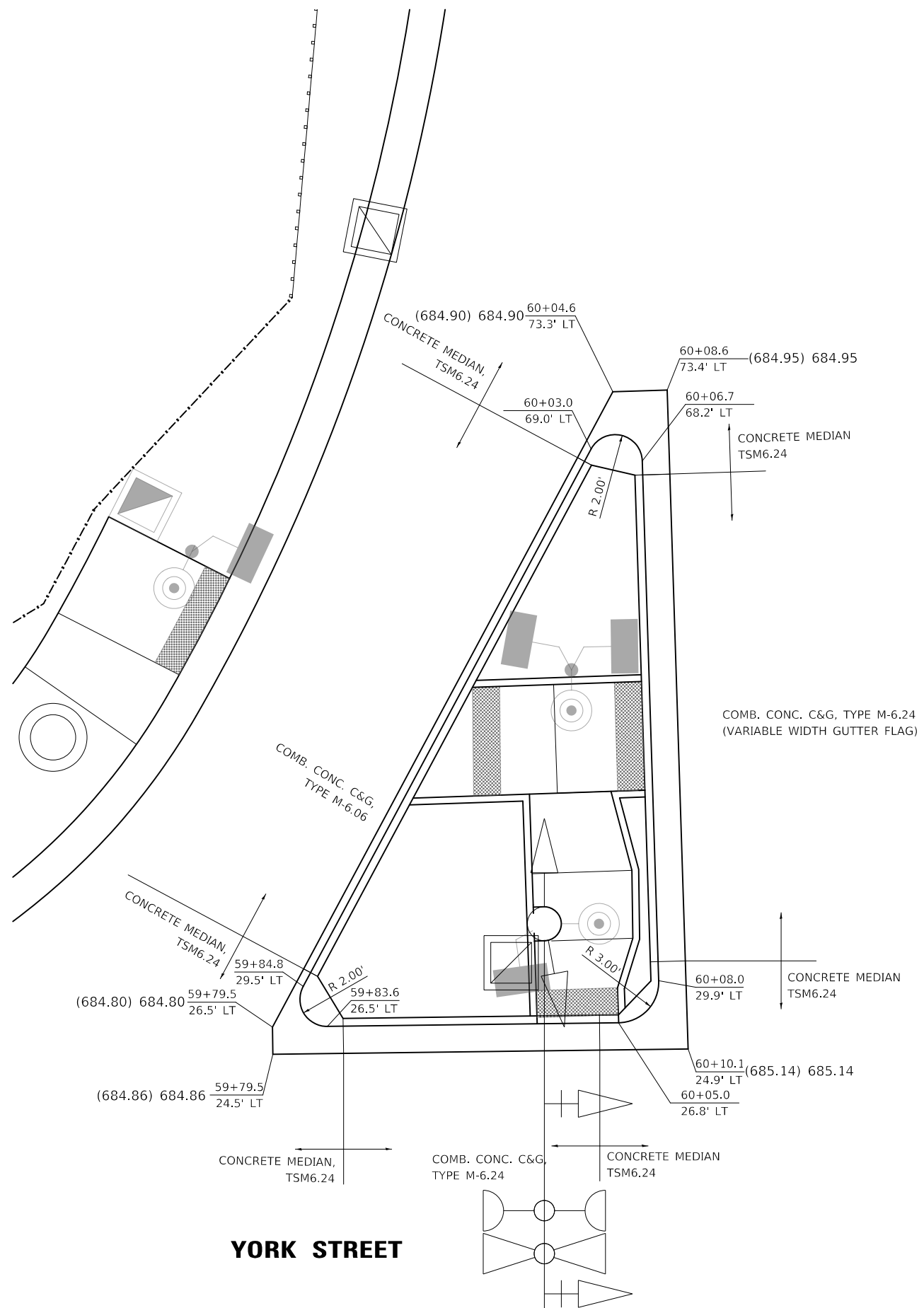
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



LEGEND
 (XXX.XX) EXISTING ELEVATION
 XXX.XX PROPOSED ELEVATION

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



I-290 RAMP

YORK STREET

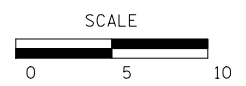
LEGEND

(XXX.XX) EXISTING ELEVATION
 XXX.XX PROPOSED ELEVATION



DESIGNED -	JRR	REVISED -	
DRAWN -	JRR	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	10/30/2024	REVISED -	

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
 ISLAND AT YORK STREET & I-290 RAMP**

SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	42
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LAKE STREET AND YORK STREET
SIDEWALK SOUTHEAST TOP OF CURB

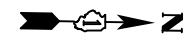
	STATION	OFFSET	ELEVATION	ELEVATION
A	43+56.9	33.2' RT	(687.07)	
B	43+66.2	35.1' RT	686.65	
C	43+70.5	37.6' RT	686.60	
D	43+77.2	46.1' RT	686.97	
E	43+78.8	50.8' RT	687.06	
F	43+79.6	54.7' RT	687.02	
G	43+79.9	58.3' RT	686.88	
H	43+79.1	65.4' RT	(686.59)	
I	43+73.8	63.9' RT	(687.02)	
J	43+74.4	58.5' RT	(686.98)	(687.02)
K	43+74.1	55.5' RT	687.03	(687.09)
L	43+70.9	55.9' RT	687.06	(687.30)
M	43+70.9	53.0' RT	687.10	(687.25)
N	43+72.1	48.2' RT	687.05	(687.10)
O	43+69.8	44.2' RT	686.85	(687.05)
P	43+66.7	42.8' RT	686.70	(687.05)
Q	43+63.6	41.0' RT	686.76	(687.02)
R	43+56.5	38.2' RT	(687.14)	(687.14)

LAKE STREET
BETWEEN SIDEWALK'S

	STATION	OFFSET	ELEVATION
27	43+65.5	33.1' RT	(686.62)
28	43+72.5	37.1' RT	(686.54)
29	43+81.6	56.5' RT	(686.78)
30	43+81.0	64.5' RT	(686.94)
31	44+72.3	59.0' RT	(686.13)
32	44+60.5	66.7' RT	(686.05)

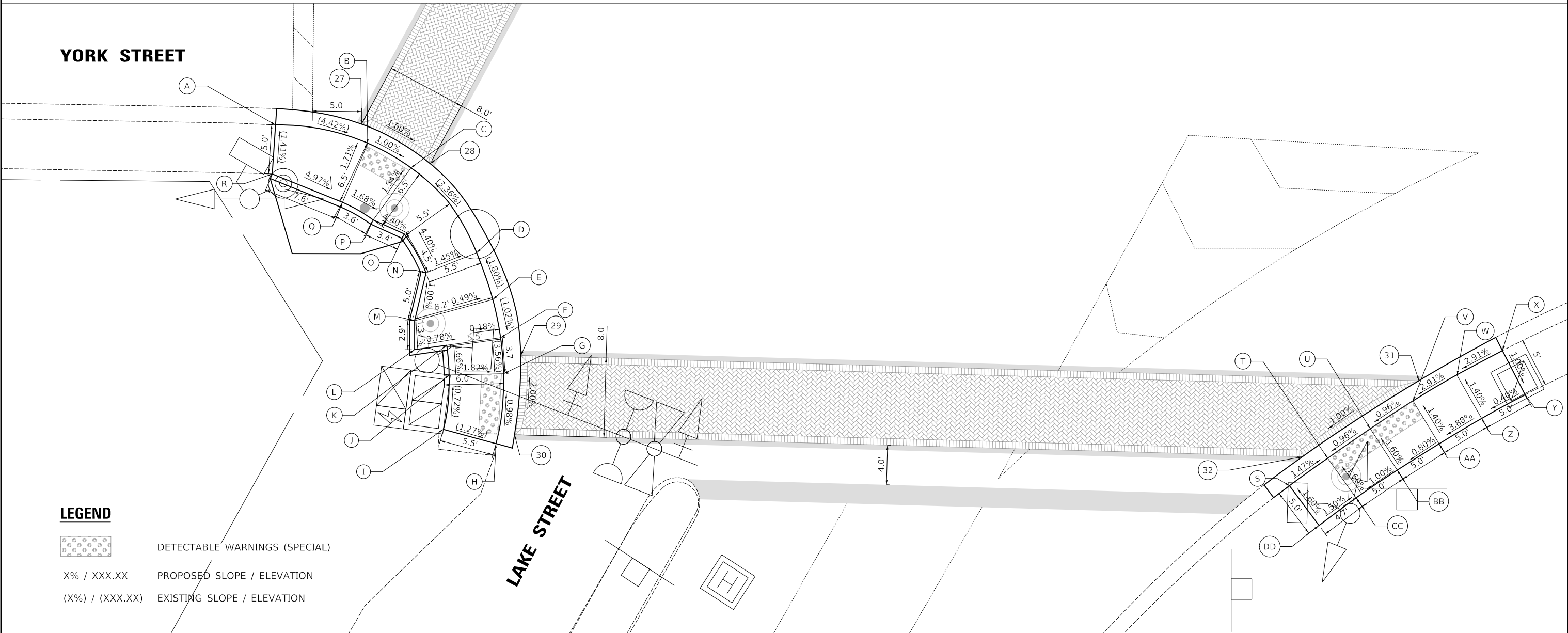
LAKE STREET AND YORK STREET
SIDEWALK NORTHEAST

	STATION	OFFSET	ELEVATION
S	44+59.2	69.6' RT	686.21
T	44+63.0	66.8' RT	686.14
U	44+67.3	63.9' RT	686.19
V	44+71.7	61.1' RT	686.24
W	44+76.1	58.5' RT	686.39
X	44+80.7	56.0' RT	(686.53)
Y	44+83.0	60.5' RT	(686.48)
Z	44+78.6	62.8' RT	686.46
AA	44+74.3	65.4' RT	686.31
BB	44+70.1	68.1' RT	686.27
CC	44+65.9	70.9' RT	686.22
DD	44+62.2	73.6' RT	686.29



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



YORK STREET

LAKE STREET

LEGEND

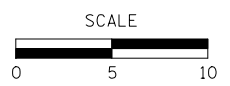
- DETECTABLE WARNINGS (SPECIAL)
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION



Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED -	JRR	REVISED -	
DRAWN -	JRR	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	10/30/2024	REVISED -	

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
YORK AND LAKE SE SIDEWALK GRADING PLAN**

SHEET NO. 1 OF 7 SHEETS

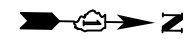
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	43
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LAKE STREET AND YORK STREET
SIDEWALK SOUTHWEST

	STATION	OFFSET	ELEVATION
A	44+38.0	64.7' LT	686.31
B	44+33.9	57.8' LT	686.43
C	44+32.7	51.5' LT	686.83
D	44+26.6	55.2' LT	686.91
E	44+29.6	60.3' LT	686.51
F	44+33.7	67.2' LT	686.39
G	43+95.2	32.1' LT	(686.90)
H	44+00.1	33.0' LT	686.67
I	44+05.0	34.1' LT	686.66
J	44+09.7	35.8' LT	(687.03)
K	44+11.6	37.0' LT	(687.09)
L	44+14.1	32.7' LT	(686.97)
M	44+11.9	31.5' LT	(687.00)
N	44+06.5	29.3' LT	686.58
O	44+01.0	27.9' LT	686.59
P	43+95.6	27.2' LT	(686.81)

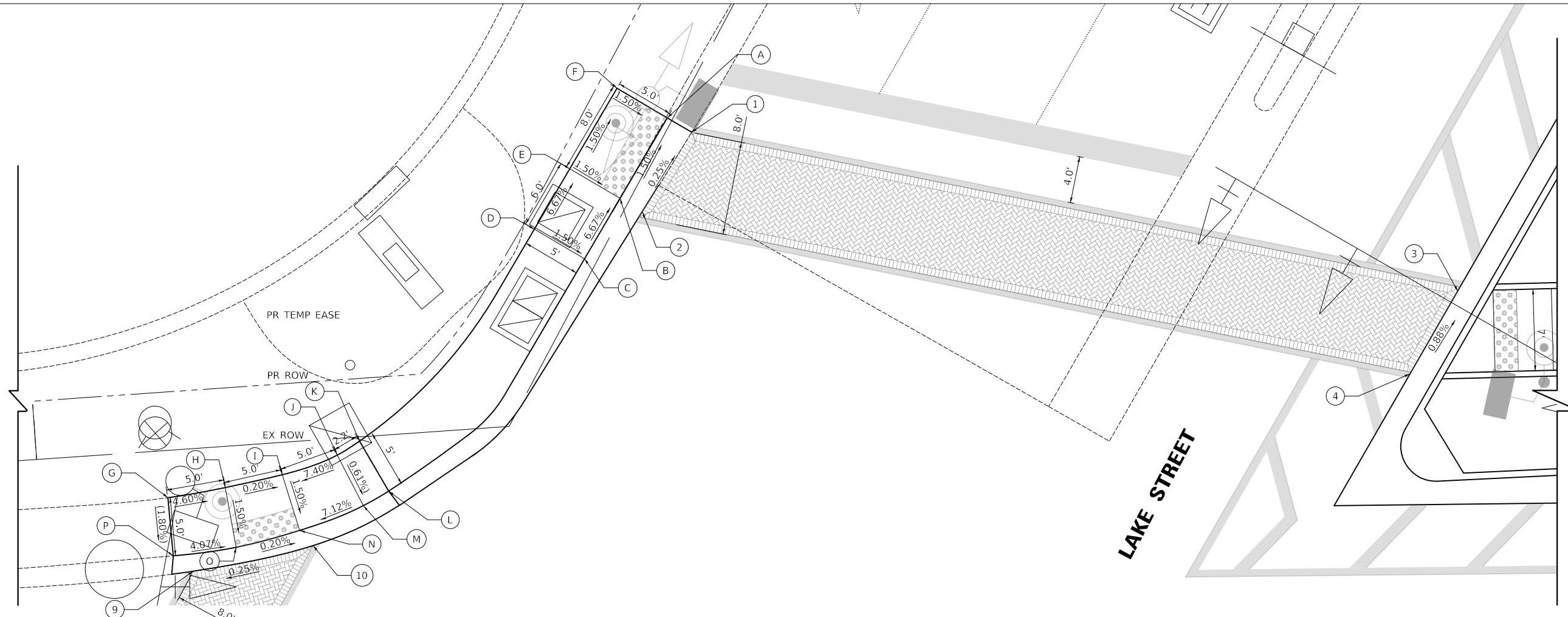
LAKE STREET
BETWEEN SW SIDEWALK AND ISLAND

	STATION	OFFSET	ELEVATION
1	44+40.0	63.5' LT	(686.30)
2	44+35.9	56.6' LT	(686.32)
3	45+05.7	49.9' LT	(686.29)
4	45+01.7	42.3' LT	(686.36)
9	43+97.4	25.8' LT	(686.52)
10	44+07.6	28.0' LT	(686.54)



PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	BY	
	NO.	



LEGEND

- DETECTABLE WARNINGS (SPECIAL)
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

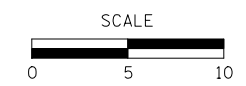
YORK STREET

LAKE STREET

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED -	JRR	REVISED -	
DRAWN -	JRR	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	10/30/2024	REVISED -	

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
YORK AND LAKE SIDEWALK GRADING PLAN**

SHEET NO. 2 OF 7 SHEETS

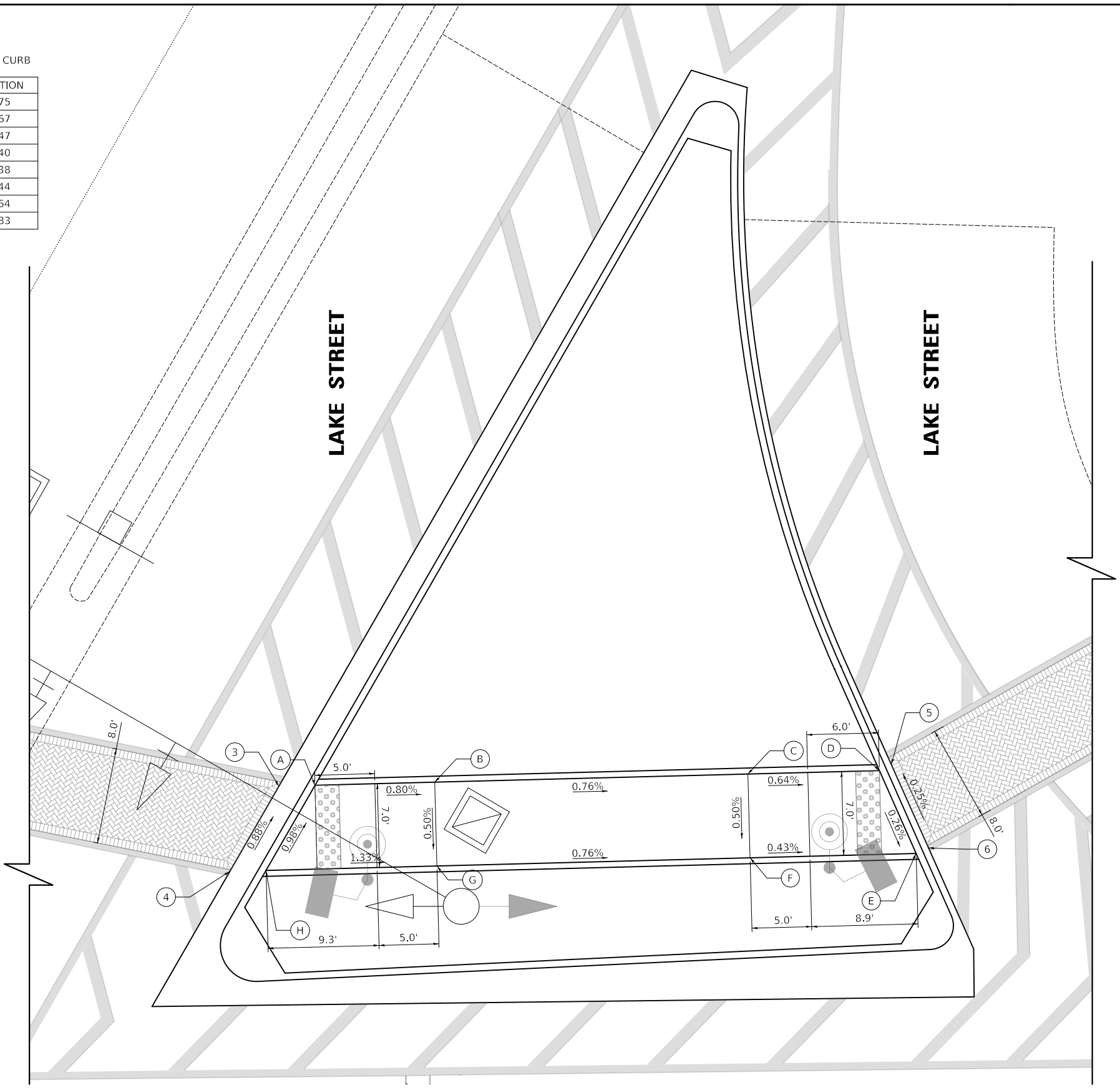
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	44
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
NO.	
NOTE BOOK	
CADD FILE NAME	
CADD FILE NO.	
SURVEYED	
ALIGNED	
CHECKED	
DATE	

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

LAKE STREET AND YORK STREET ISLAND			TOP OF CURB	
	STATION	OFFSET	ELEVATION	ELEVATION
A	45+08.9	50.2' LT	686.25	686.75
B	45+18.8	50.2' LT	686.17	686.67
C	45+44.9	50.9' LT	685.97	686.47
D	45+55.9	51.2' LT	685.90	686.40
E	45+59.0	44.3' LT	685.88	686.38
F	45+45.1	43.9' LT	685.94	686.44
G	45+18.9	43.2' LT	686.14	686.64
H	45+04.7	42.8' LT	686.33	686.83

LAKE STREET ISLAND BETWEEN SIDEWALKS			
	STATION	OFFSET	ELEVATION
3	45+05.7	49.9' LT	(686.29)
4	45+01.7	42.3' LT	(686.36)
5	45+56.9	51.7' LT	(685.87)
6	45+60.0	44.7' LT	(685.89)



LEGEND

- DETECTABLE WARNINGS (SPECIAL)
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

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DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
 YORK AND LAKE ISLAND SIDEWALK GRADING PLAN**

SHEET NO. 3 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	45
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LAKE STREET
BETWEEN ISLAND AND NW SIDEWALK

	STATION	OFFSET	ELEVATION
5	45+56.9	51.7' LT	(685.87)
6	45+60.0	44.7' LT	(685.89)
7	45+86.0	68.8' LT	(685.41)
8	45+90.9	62.4' LT	(685.41)

LAKE STREET AND YORK STREET
SIDEWALK NORTHWEST


	STATION	OFFSET	ELEVATION
A	45+95.4	77.6' LT	685.37
B	45+96.9	75.1' LT	685.32
C	46+00.4	70.4' LT	685.35
D	46+04.7	66.5' LT	685.70
E	45+99.0	58.3' LT	685.85
F	45+93.0	63.6' LT	685.50
G	45+88.2	70.1' LT	685.47
H	45+86.8	72.6' LT	685.52

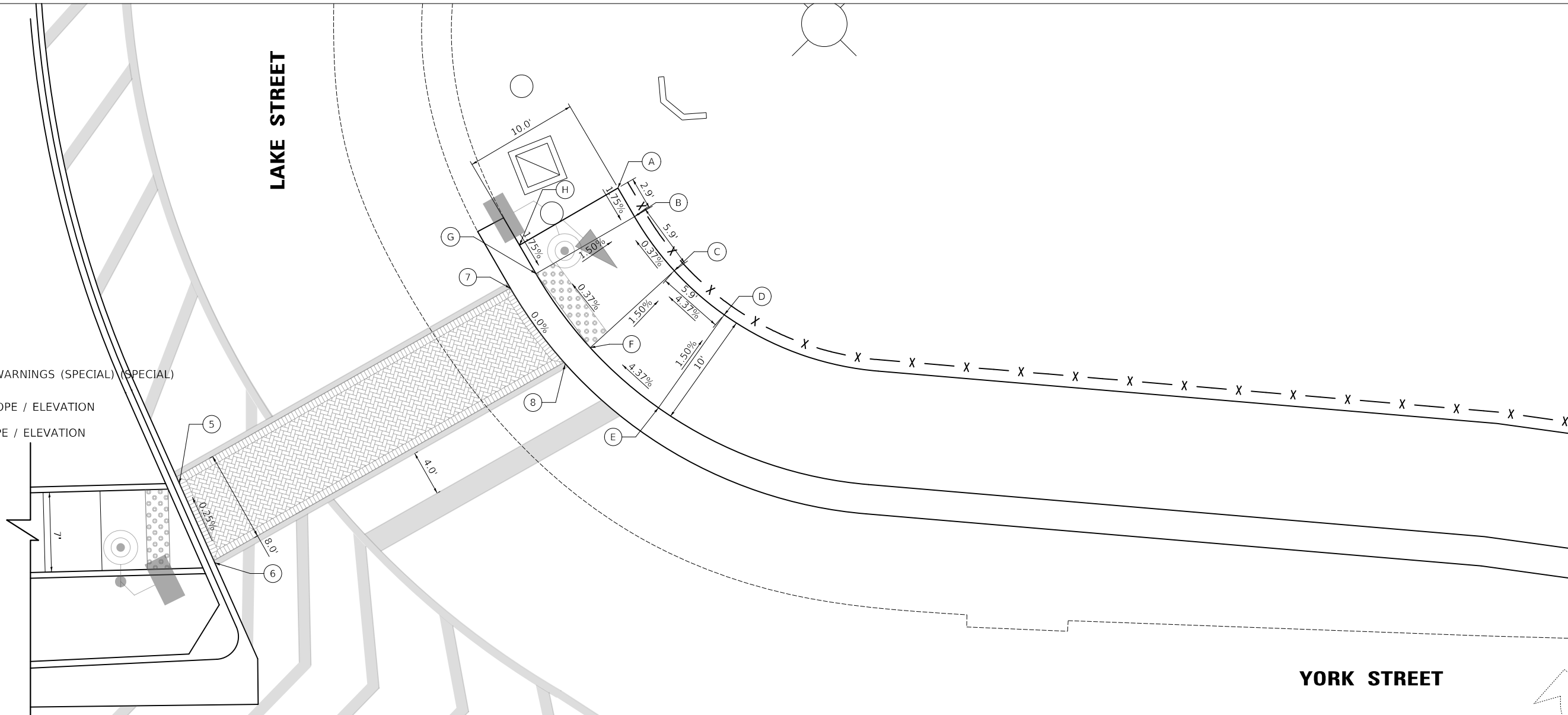


PLAN	DATE
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
BY	
NO.	

PROFILE	DATE
SURVEYED	
PLOTTED	
GRADES CHECKED	
BY	
NO.	

LEGEND

-  DETECTABLE WARNINGS (SPECIAL) (SPECIAL)
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION



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DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
YORK AND LAKE SIDEWALK GRADING PLAN**

SHEET NO. 4 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	46
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IL 290 RAMP AND YORK STREET

	STATION	OFFSET	ELEVATION
A	59+32.2	37.0' LT	684.30
B	59+47.0	40.7' LT	684.43
C	59+50.9	31.6' LT	684.98
D	59+45.6	29.0' LT	684.58
E	59+31.4	27.1' LT	684.45
F	59+25.4	26.7' LT	684.80

IL 290 RAMP AND YORK STREET

	STATION	OFFSET	ELEVATION
9	59+31.5	24.4' LT	684.38
10	59+46.1	26.9' LT	684.50
11	59+78.7	58.4' LT	684.61
12	59+74.9	51.2' LT	684.60
13	59+92.9	51.4' LT	684.87
14	59+88.8	43.9' LT	684.85
15	59+99.1	24.7' LT	685.05
16	65+05.1	24.8' LT	685.10
17	60+09.5	44.0' LT	685.06
18	60+09.3	52.0' LT	685.03

IL 290 RAMP AND YORK STREET

	STATION	OFFSET	ELEVATION
G	59+61.3	53.0' LT	684.85
H	59+63.7	57.0' LT	684.76
I	59+57.4	64.0' LT	684.77
J	59+76.4	59.5' LT	684.62
K	59+72.6	52.4' LT	684.61
L	59+69.5	47.3' LT	684.70

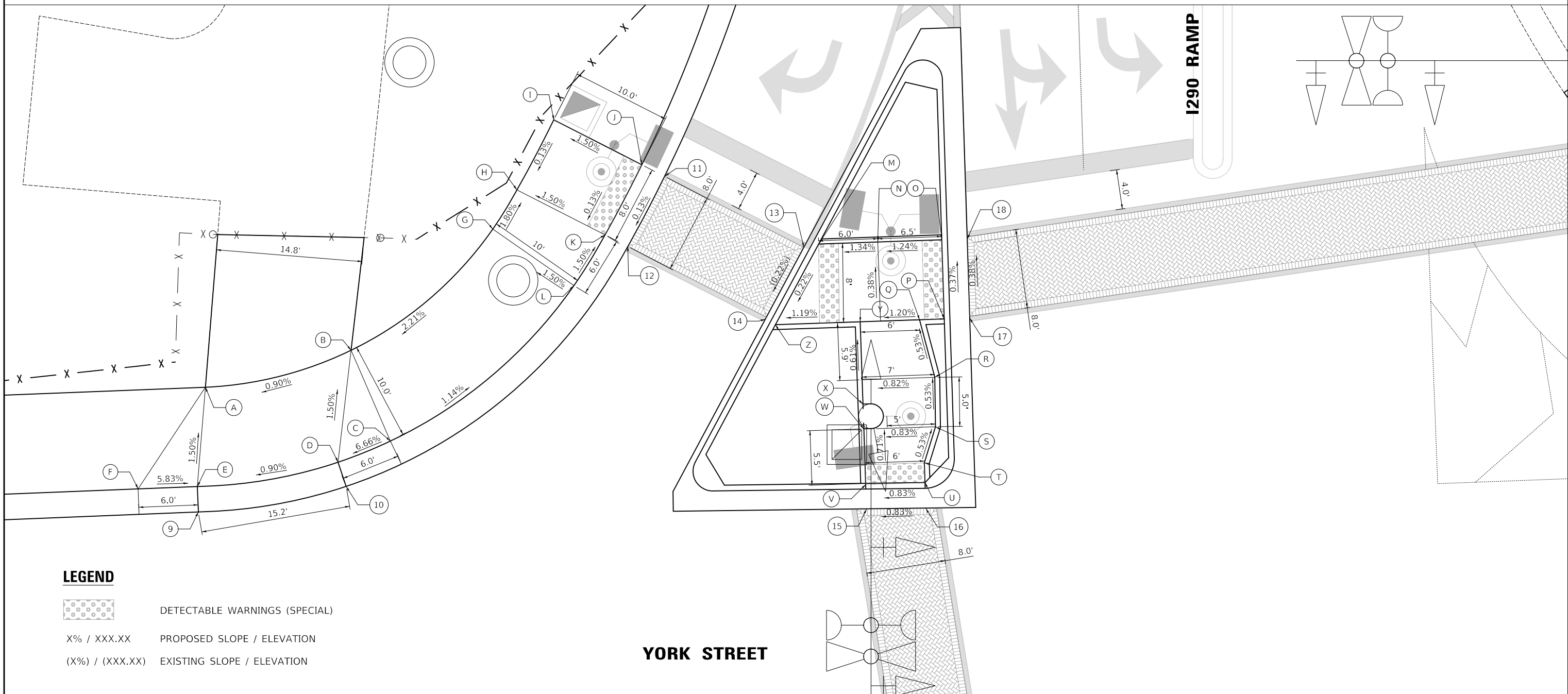
IL 290 RAMP AND YORK STREET ISLAND

	STATION	OFFSET	ELEVATION	TOP OF CURB ELEVATION
M	59+94.2	51.5' LT	684.88	685.38
N	60+00.2	51.7' LT	684.96	685.46
O	60+06.7	51.9' LT	685.04	685.54
P	60+06.9	43.9' LT	685.07	685.57
Q	60+04.4	43.8' LT	685.04	685.54
R	60+06.0	38.0' LT	685.07	685.57
S	60+06.0	33.0' LT	685.10	685.60
T	60+04.9	29.4' LT	685.12	685.62
U	60+05.0	27.4' LT	685.13	685.63
V	59+99.0	27.2' LT	685.08	685.58
W	59+98.8	32.8' LT	685.04	685.54
X	59+98.7	35.5' LT	685.02	685.52
Y	59+98.4	43.6' LT	684.97	685.47
Z	59+89.9	43.3' LT	684.86	685.36



PLAN	SURVEYED	DATE
	ALIGNED	
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES	
	PLOTTED	
	CHECKED	
	BY	
	NO.	



LEGEND

- DETECTABLE WARNINGS (SPECIAL)
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

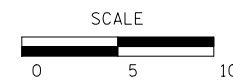
YORK STREET

IL 290 RAMP

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CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
 YORK & RAMP SIDEWALK AND ENTRANCE GRADING PLAN**

SHEET NO. 5 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	47
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IL 290 RAMP AND YORK STREET
SIDEWALK NORTHWEST

	STATION	OFFSET	ELEVATION
19	60+73.6	61.7' LT	(685.13)
20	60+80.8	54.6' LT	(685.17)

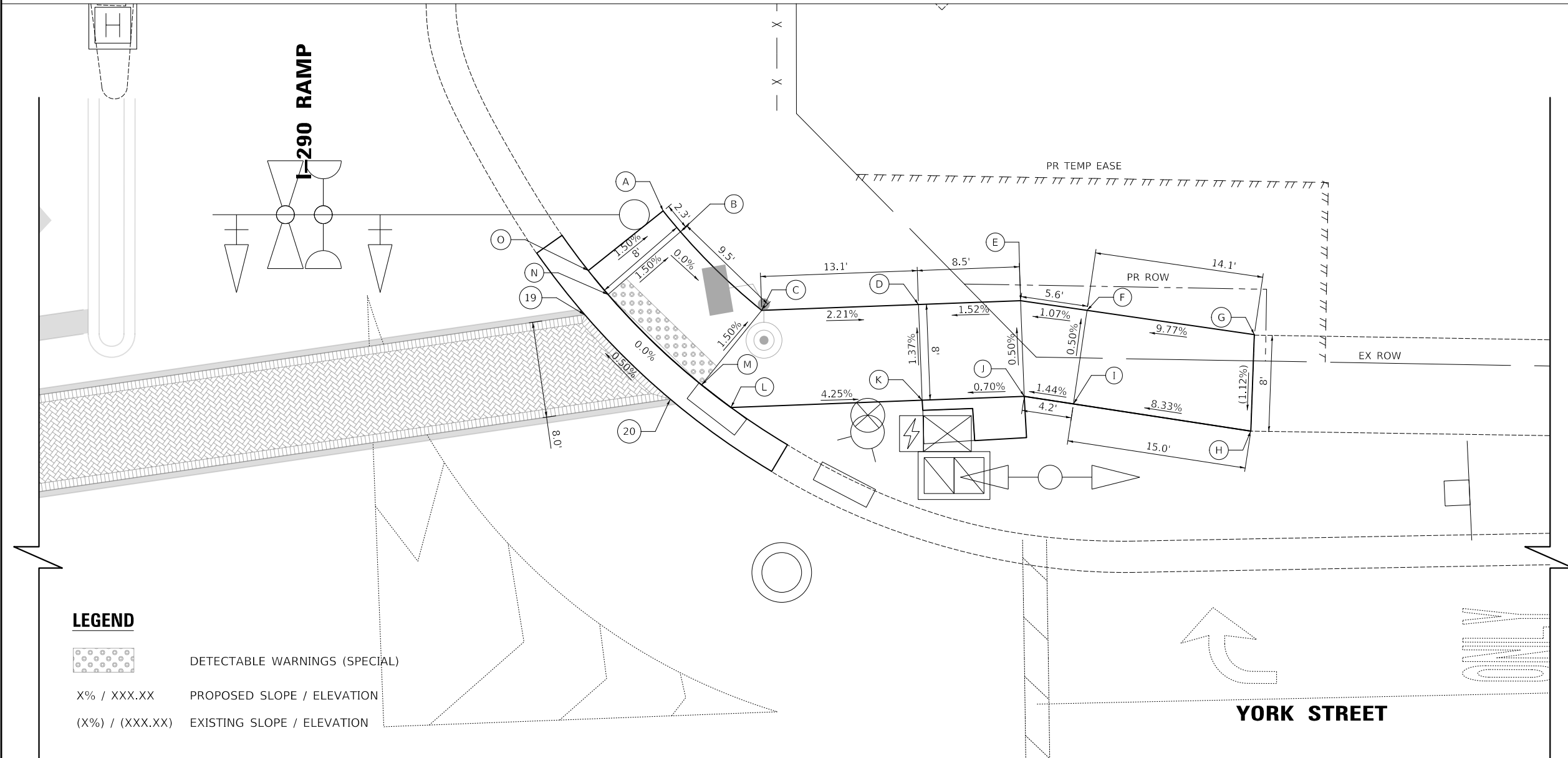
IL 290 RAMP AND YORK STREET
SIDEWALK NORTHWEST

	STATION	OFFSET	ELEVATION
A	60+80.2	70.3' LT	685.33
B	60+81.6	68.6' LT	685.08
C	60+88.4	62.0' LT	685.08
D	61+01.5	62.5' LT	684.79
E	61+10.1	62.9' LT	684.92
F	61+15.6	62.0' LT	684.98
G	61+29.6	60.0' LT	(686.36)
H	61+29.3	52.0' LT	(686.27)
I	61+14.5	54.2' LT	685.02
J	61+10.4	54.9' LT	684.96
K	61+01.8	54.5' LT	684.90
L	60+85.8	53.9' LT	685.58
M	60+83.4	55.8' LT	685.20
N	60+75.6	63.4' LT	685.20
O	60+73.9	65.4' LT	685.45



PLAN	SURVEYED	DATE
	ALIGNED	
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PROFILE	SURVEYED	DATE
	GRADES	
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	STRUCTURE	
	NOTATIONS	
	CHKD	
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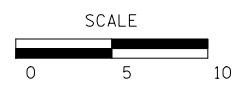
LEGEND

- DETECTABLE WARNINGS (SPECIAL)
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

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CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
YORK & RAMP SIDEWALK GRADING PLAN**

SHEET NO. 6 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	48
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CRESTVIEW AVENUE AND YORK STREET
SIDEWALK SOUTHEAST

	STATION	OFFSET	ELEVATION
A	60+11.5	51.8' RT	685.03
B	60+18.2	56.8' RT	685.19
C	60+19.5	58.3' RT	685.26
D	60+22.9	64.3' RT	685.29
E	60+21.5	64.3' RT	685.30
F	60+21.5	69.5' RT	(685.41)
G	60+16.6	69.6' RT	(685.38)
H	60+16.5	64.4' RT	685.28
I	60+14.1	62.5' RT	685.20
J	60+12.4	61.0' RT	685.17

CRESTVIEW AVENUE AND YORK STREET

	STATION	OFFSET	ELEVATION
21	60+11.2	50.0' RT	(685.02)
22	60+19.3	55.6' RT	(685.21)
23	60+20.6	57.1' RT	(685.23)
24	60+24.9	65.1' RT	(685.28)
25	60+62.3	65.1' RT	(685.68)
26	60+66.5	57.1' RT	(685.69)

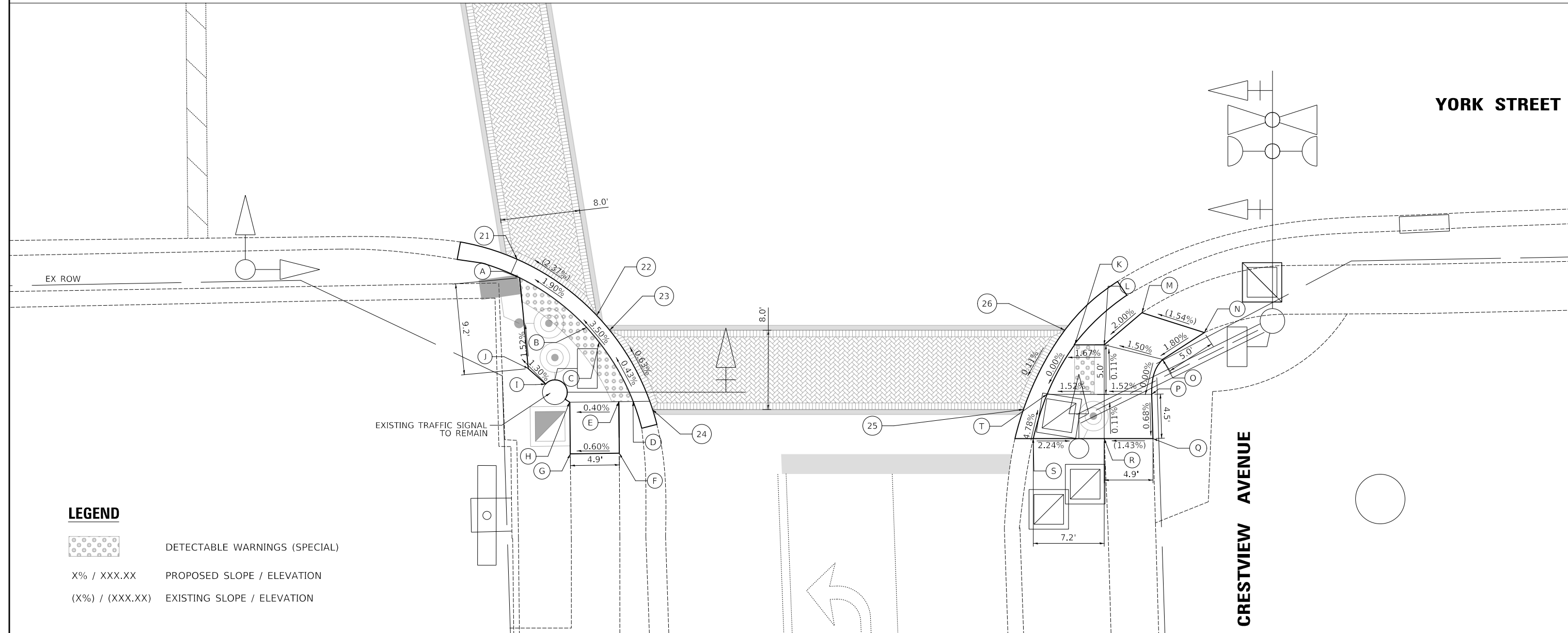
CRESTVIEW AVENUE AND YORK STREET
SIDEWALK NORTHEAST

	STATION	OFFSET	ELEVATION
K	60+67.5	58.6' RT	685.69
L	60+70.5	58.6' RT	685.74
M	60+74.3	55.3' RT	(685.84)
N	60+80.5	57.4' RT	(685.94)
O	60+76.3	60.1' RT	685.85
P	60+75.2	63.6' RT	685.85
Q	60+75.4	68.0' RT	(685.82)
R	60+70.5	68.0' RT	(685.75)
S	60+63.3	68.0' RT	(685.91)
T	60+64.7	63.6' RT	685.69




DATE	
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GRADES	
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LEGEND

-  DETECTABLE WARNINGS (SPECIAL)
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION



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CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
YORK & CRESTVIEW AVE SIDEWALK GRADING PLAN**

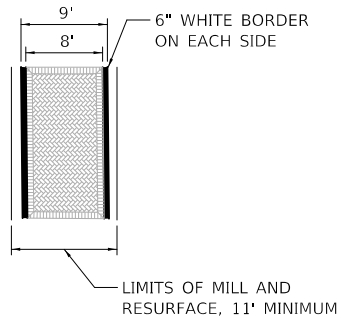
SHEET NO. 7 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	49
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
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NOTE BOOK	
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DATE	
BY	
SURVEYED	
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NO. /	
PROFILE	
NOTE BOOK	
NO.	

POLYMER CEMENT SURFACING
 8' WIDE DIAGONAL HERRINGBONE PATTERN
 WITH BRICK HEADER AND 6" WHITE BORDER
 BRICK COLOR: COORDINATE WITH CITY
 GROUT COLOR: COORDINATE WITH CITY
 PAID FOR AS "PAVEMENT MARKING (SPECIAL)"



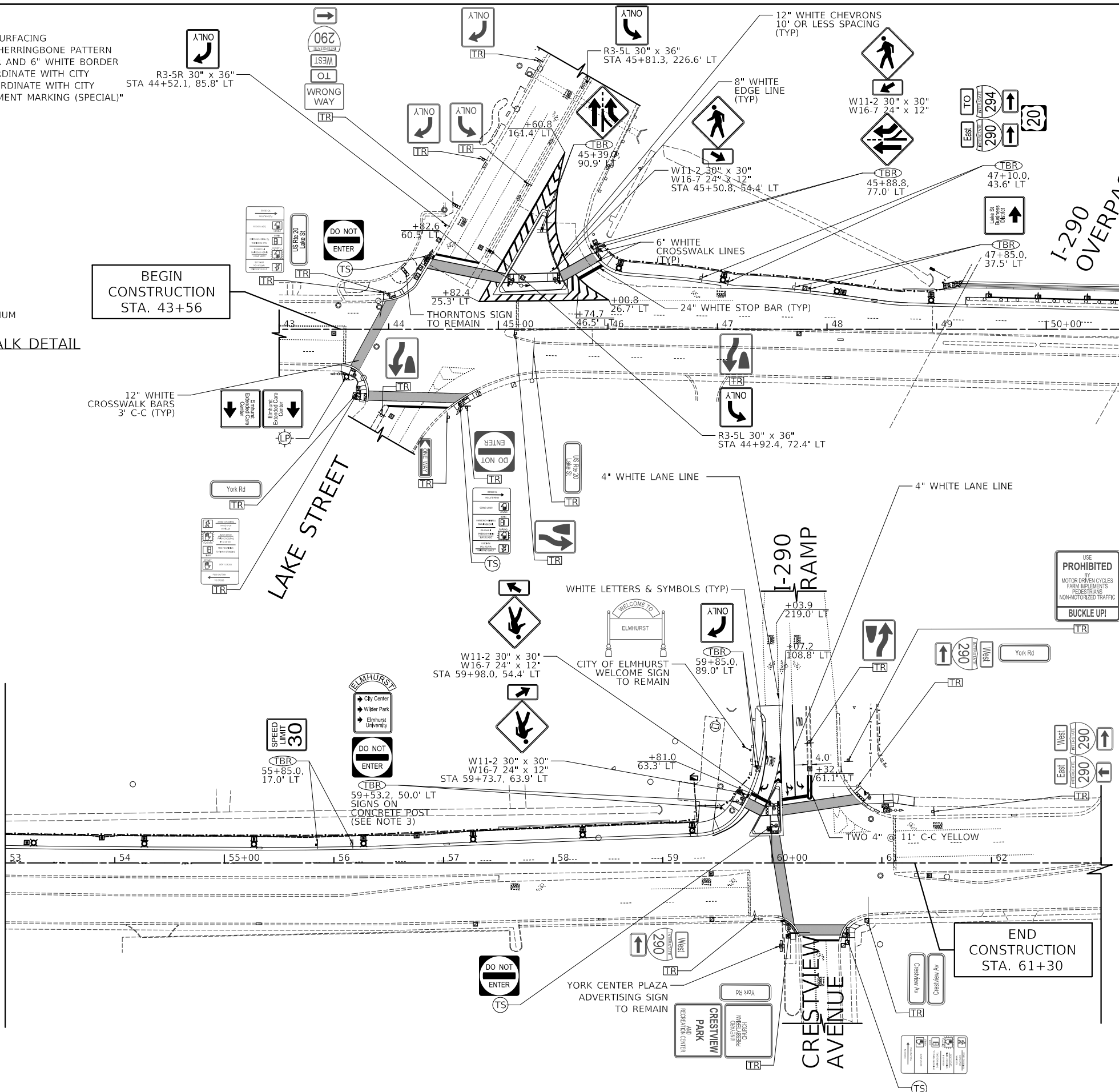
DECORATIVE CROSSWALK DETAIL

MATCH LINE STA 53+00
 SEE SHEET NO ABOVE

BEGIN
 CONSTRUCTION
 STA. 43+56

END
 CONSTRUCTION
 STA. 61+30

MATCH LINE STA 53+00
 SEE SHEET NO BELOW



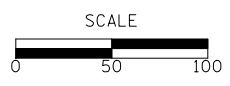
- LEGEND**
- (TS) SIGN TO BE RELOCATED. SEE TRAFFIC SIGNAL PLANS
 - (LP) SIGN TO BE RELOCATED. SEE LIGHTING PLANS
 - (TBR) SIGN TO BE RELOCATED
 - (TR) SIGN TO REMAIN
 - X SIGN TO BE REMOVED
 - [Pattern] DECORATIVE CROSS WALK PAID FOR AS "PAVEMENT MARKING (SPECIAL)"
- NOTES**
1. PAVEMENT MARKINGS ON HMA SURFACE SHALL BE THERMOPLASTIC.
 2. PAVEMENT MARKINGS ON PCC SHALL BE MODIFIED URETHANE.
 3. CITY SIGN AND CONCRETE POST TO BE REMOVED BY CITY REPRESENTATIVES. THE R5-1 DO NOT ENTER SIGN TO BE RELOCATED TO A NEW METAL POST BY THE CONTRACTOR. THIS WORK WILL BE PAID FOR WITH THE FOLLOWING:

 RELOCATE SIGN PANEL ASSEMBLY-TYPE A TELESCOPING STEEL SIGN SUPPORT
 BASE FOR TELESCOPING STEEL SIGN SUPPORT

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DATE -	10/30/2024	REVISED -	

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
 PAVEMENT MARKING AND SIGNING PLAN**

SHEET NO. 1 OF 1 SHEETS STA. 43+00 TO STA. 63+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	50
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 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			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

MODEL: D:\inf\...
 FILE NAME: ...
 PROJECT: ...
 DATE: 3/4/2019

USER NAME	DESIGNED - IP	REVISED -	
	DRAWN - IP	REVISED -	
PLOT SCALE	CHECKED - LP	REVISED -	
PLOT DATE	DATE - 9/29/2016	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

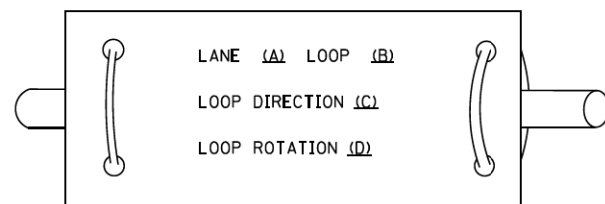
DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET 1	OF 7 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	51
TS-05		CONTRACT NO. 61K01		
ILLINOIS FED. AID PROJECT				

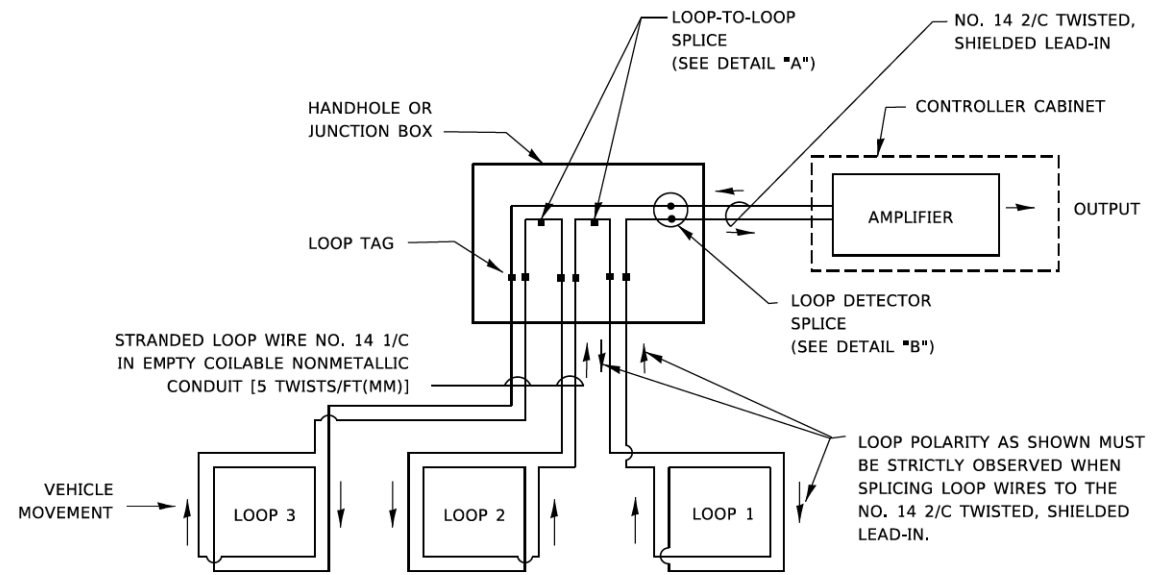
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

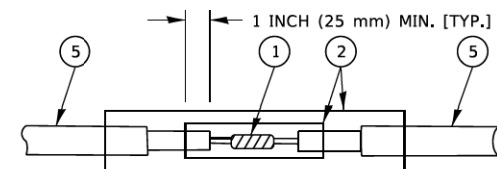


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

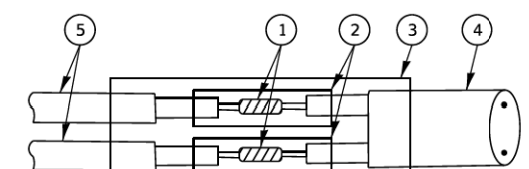


DETECTOR LOOP WIRING SCHEMATIC

- 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.

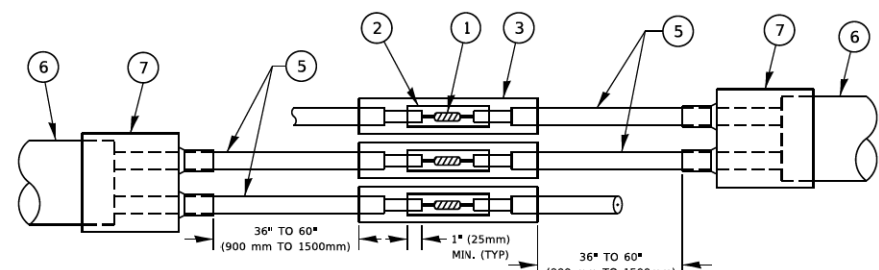


DETAIL "A"
LOOP-TO-LOOP SPLICE

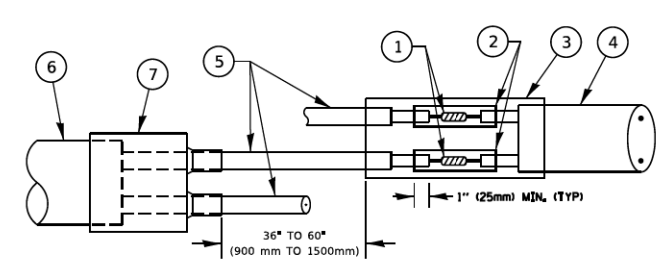


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

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

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 DATE: 3/4/2019

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PLOT DATE = 3/4/2019		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

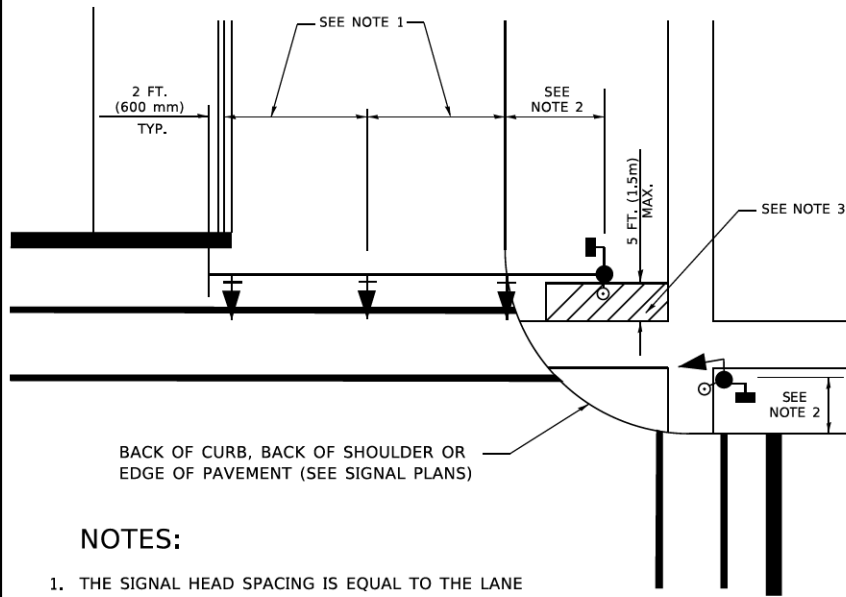
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	52
TS-05		CONTRACT NO. 61K01		
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

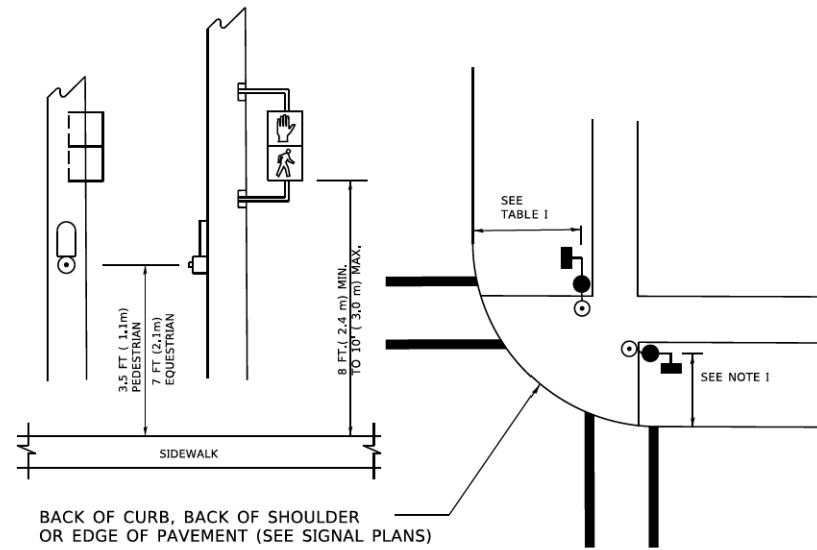
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

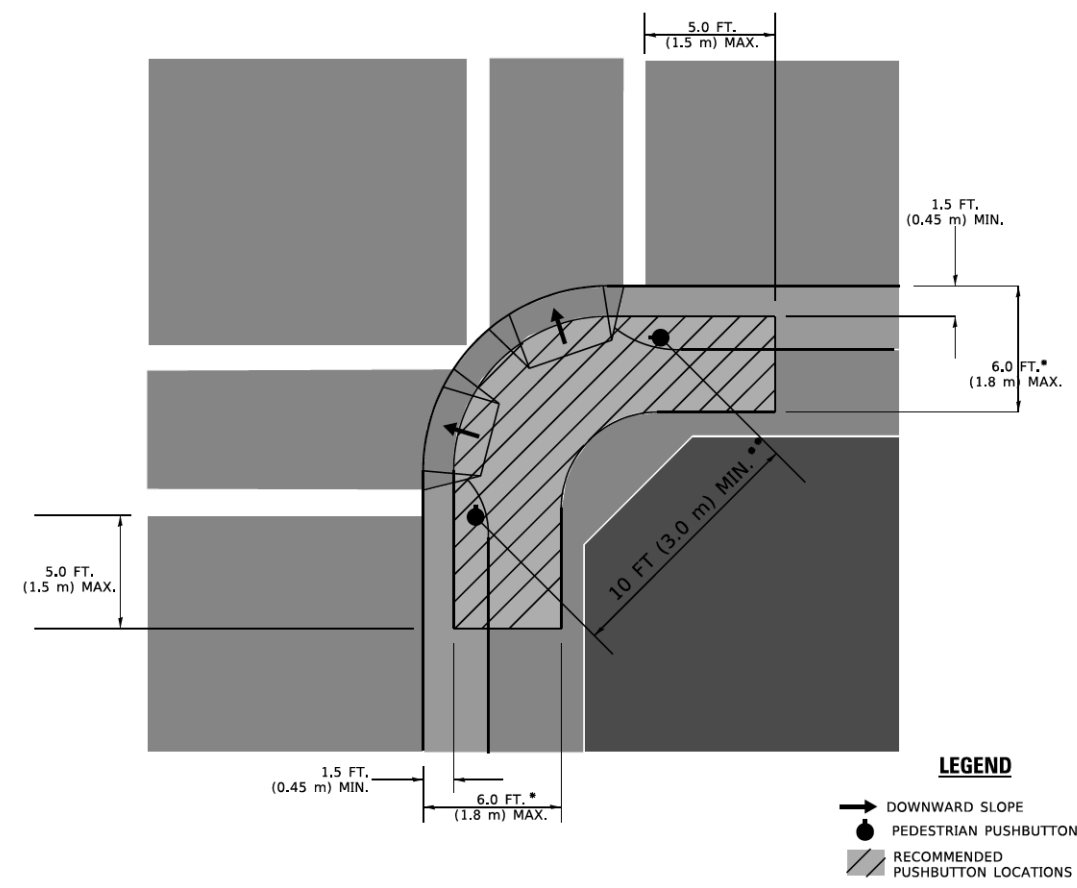
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

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

NOTES:

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

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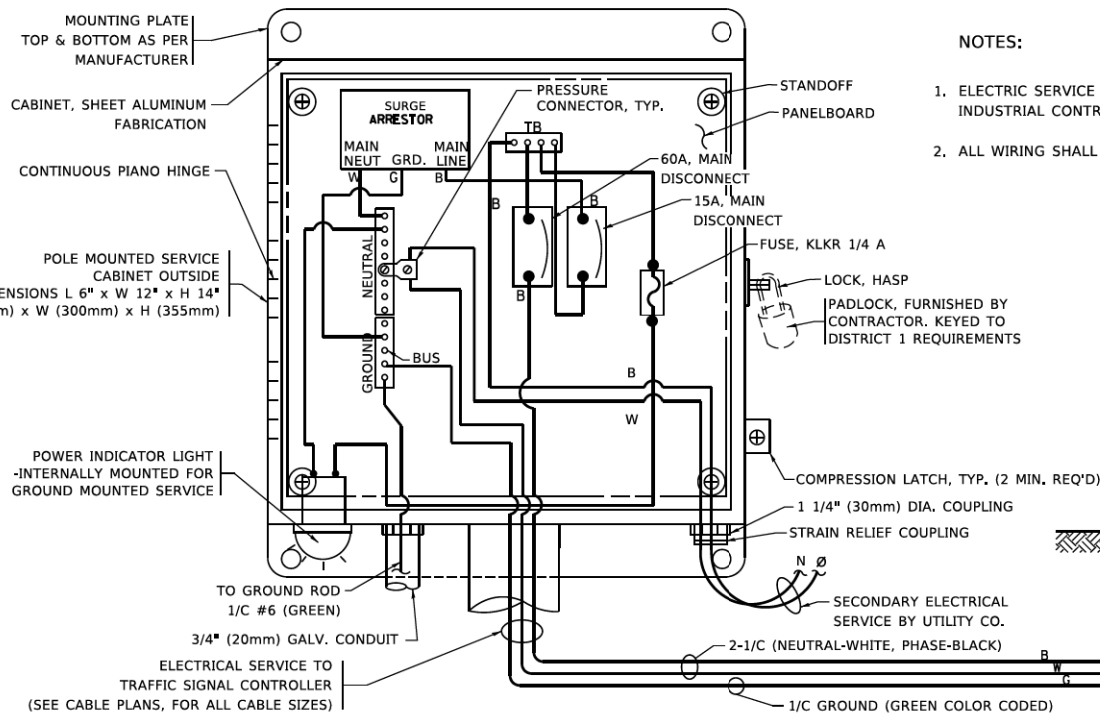
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

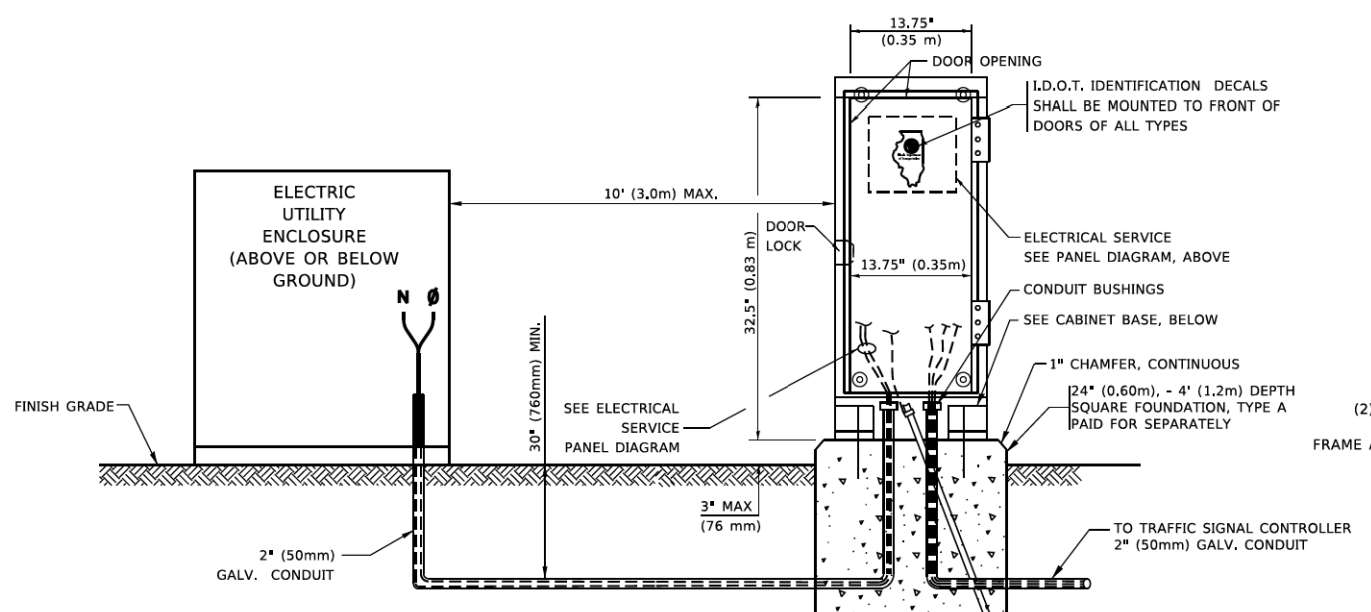
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-05		CONTRACT NO. 61K01		
ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

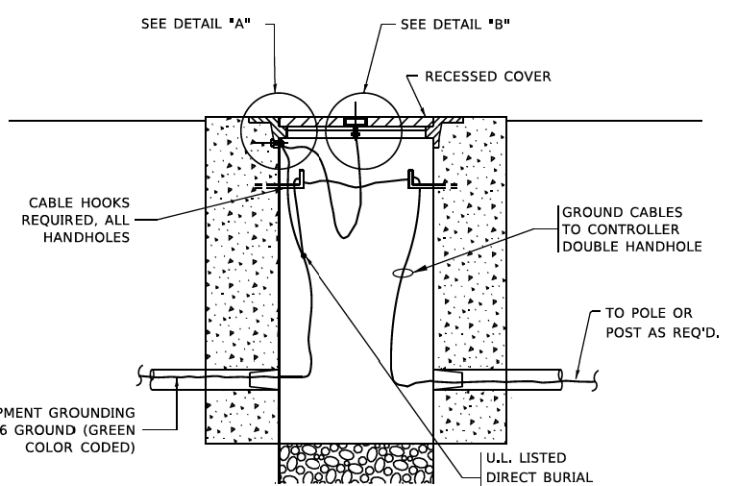
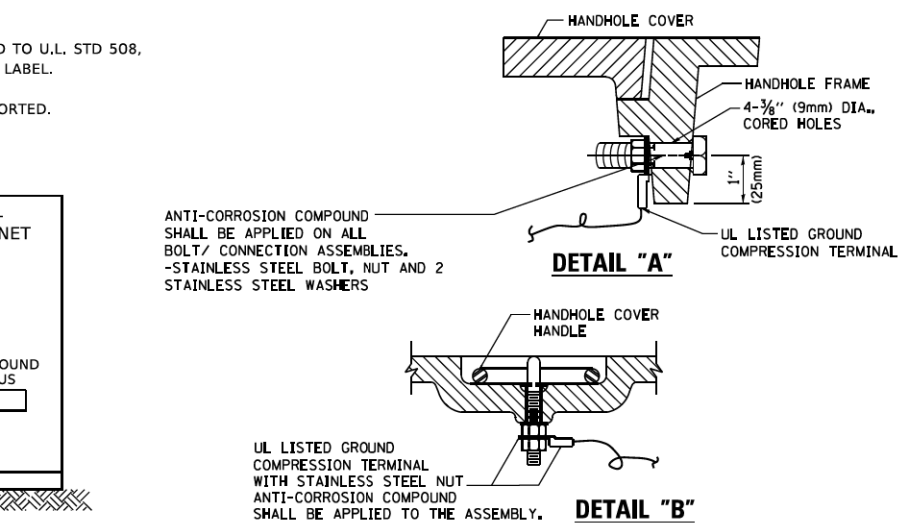
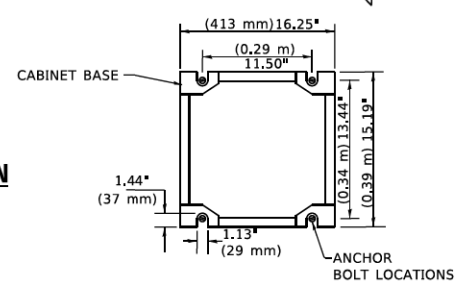


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



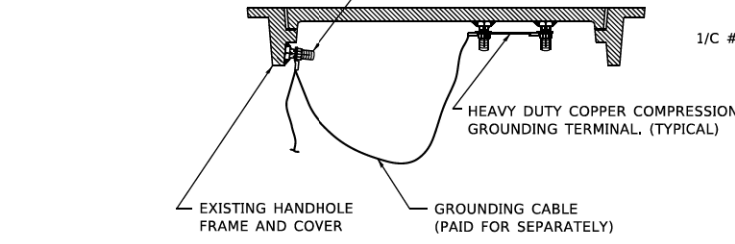
SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

CABINET – BASE BOLT PATTERN
 (NOT TO SCALE)



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

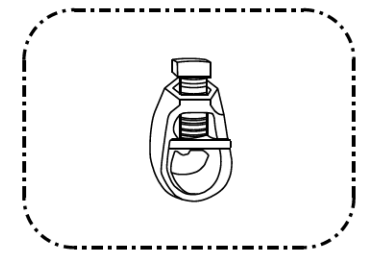
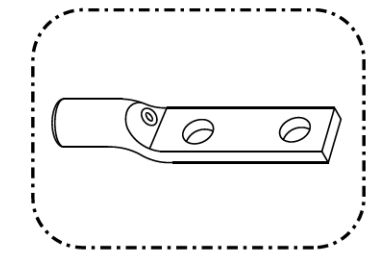
(2) 1/2" x 1 1/4" STAINLESS STEEL BOLT WITH SPLIT LOCK WASHER AND NYLON INSERT LOCKOUT WELDED TO FRAME AND TO COVER. (TYPICAL). ANTI-CORROSION COMPOUND SHALL BE APPLIED TO EACH ASSEMBLY.



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

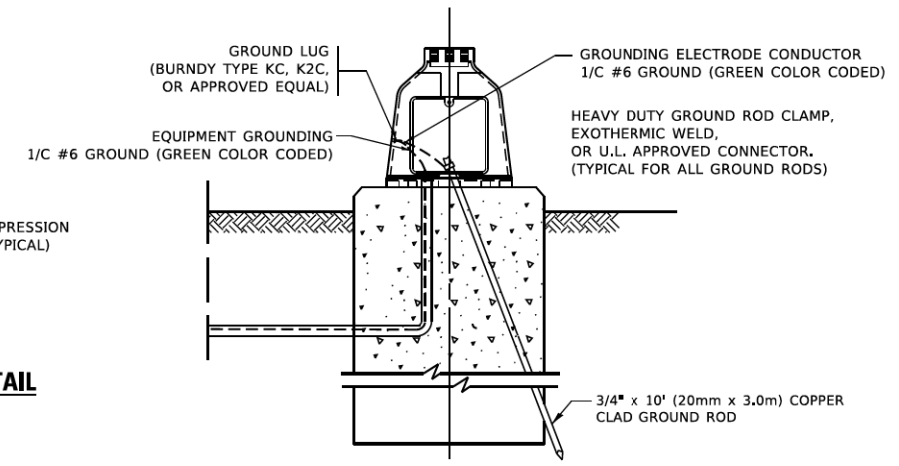
NOTES:
GROUNDING SYSTEM

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



NOTES:

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



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

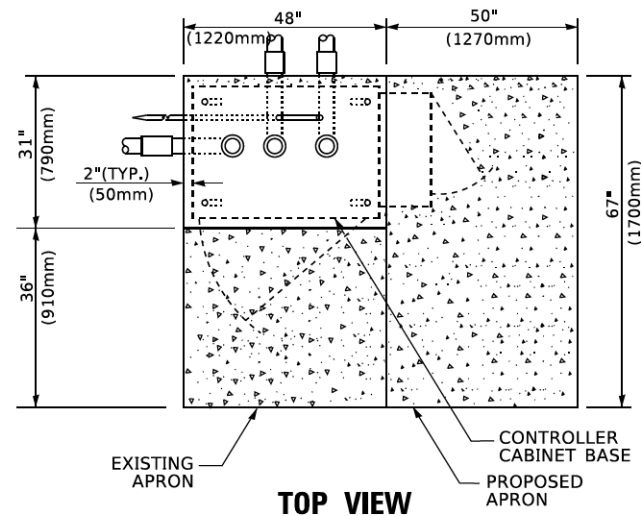
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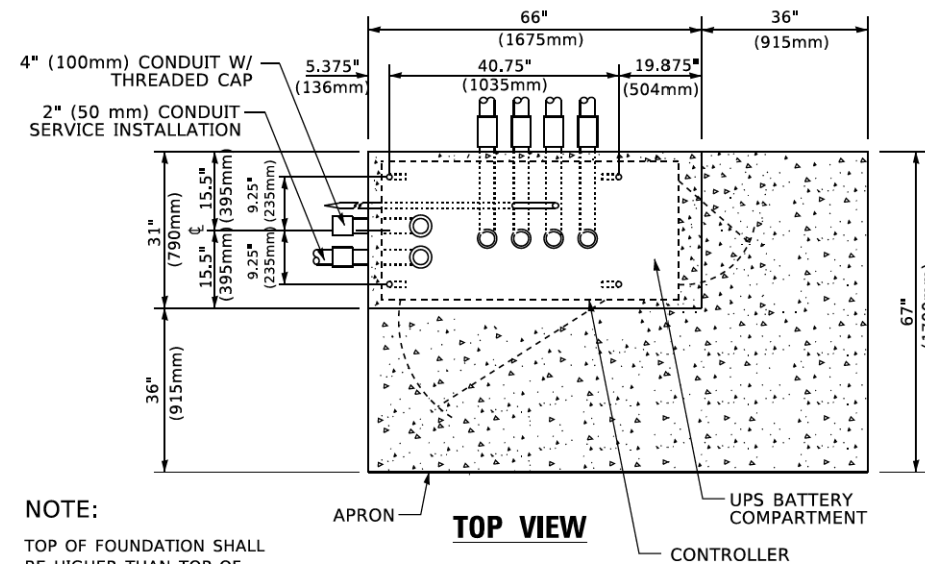
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 4 OF 7 SHEETS STA. TO STA.

F.A. RTE. 2678	SECTION 17-00188-00-SW	COUNTY DUPAGE	TOTAL SHEETS 99	SHEET NO. 54
TS-05		CONTRACT NO. 61K01		
ILLINOIS FED. AID PROJECT				

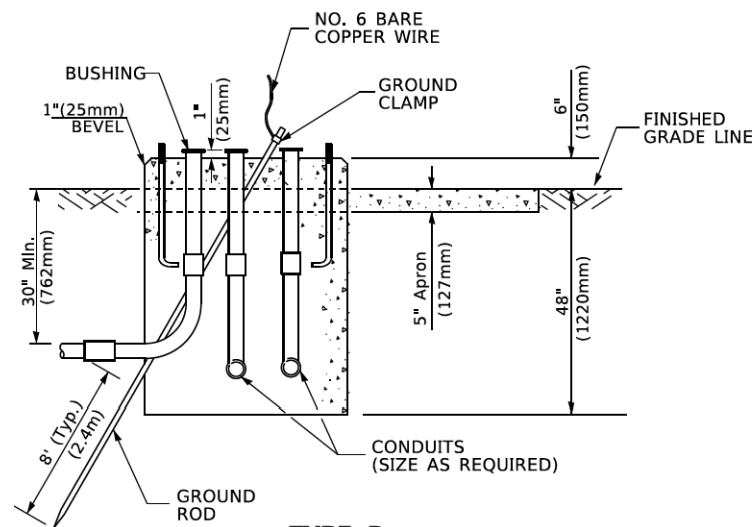


TOP VIEW

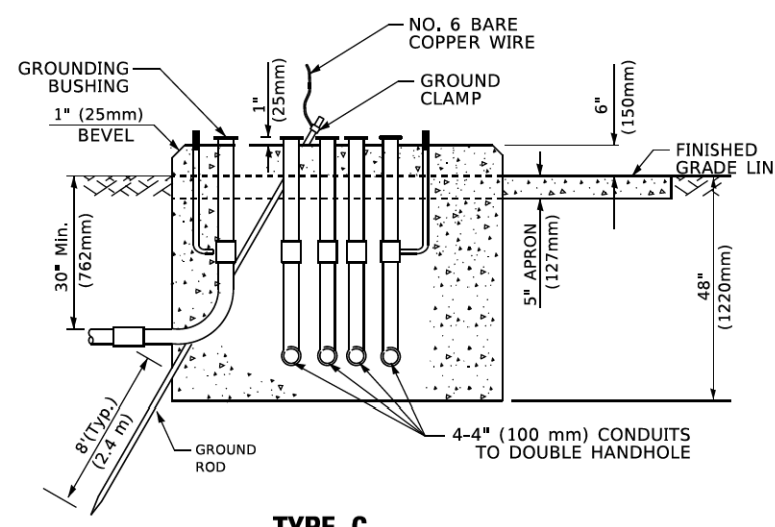


TOP VIEW

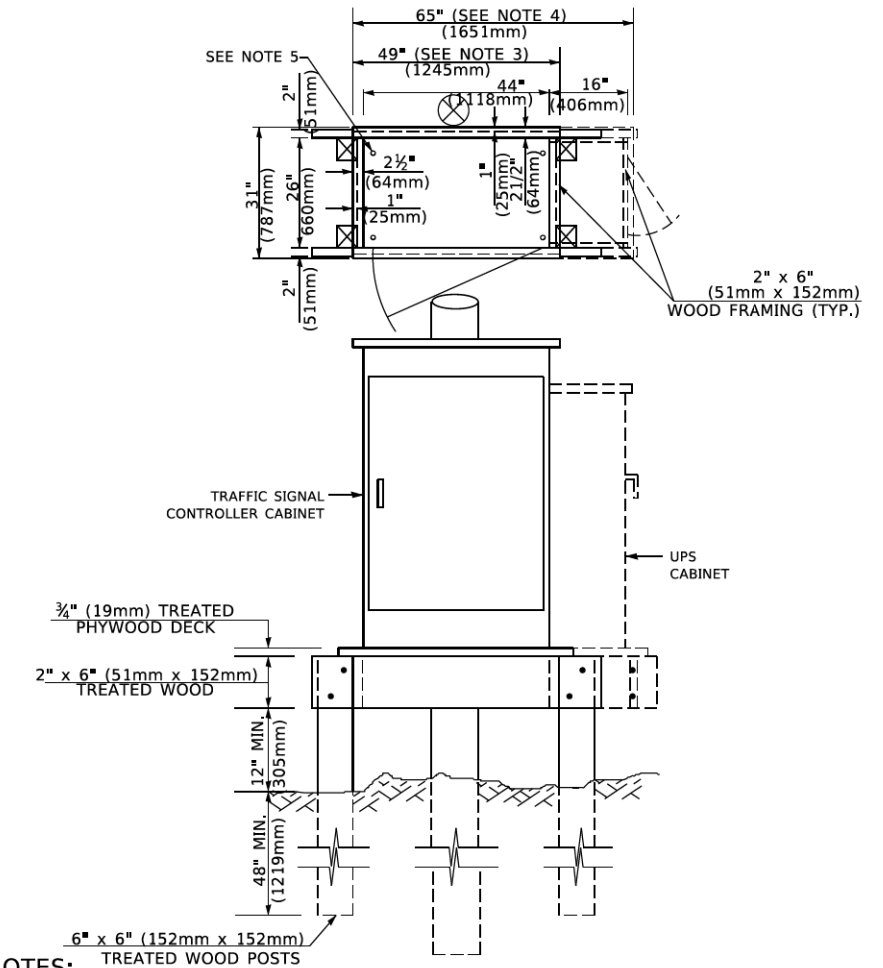
NOTE:
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



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



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



- NOTES:**
- 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.
 - 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.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 - 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.
 - 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 56' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

- NOTES:**
- 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.
 - Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 - Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
 - For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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PROJECT: 17-00188-00-SW...
DATE: 3/4/2019

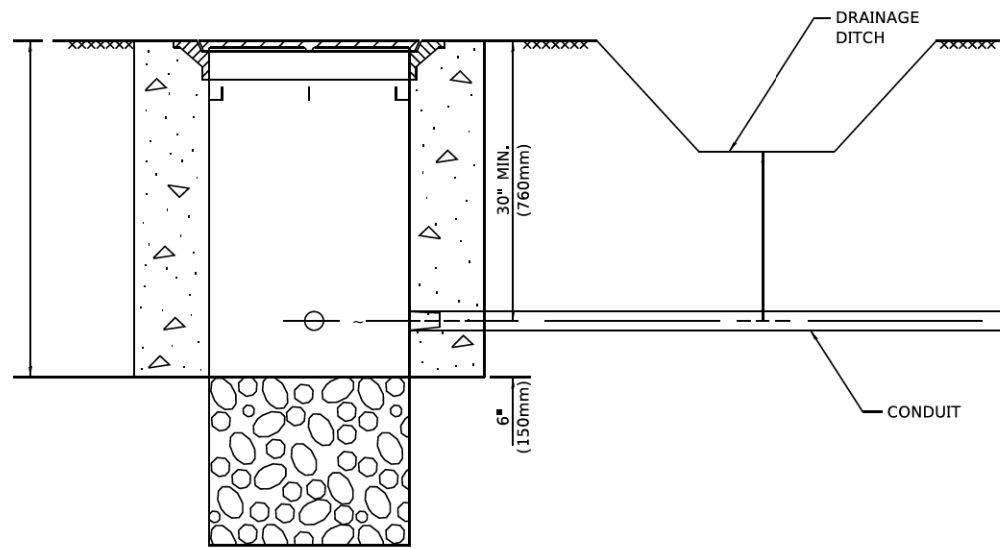
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PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

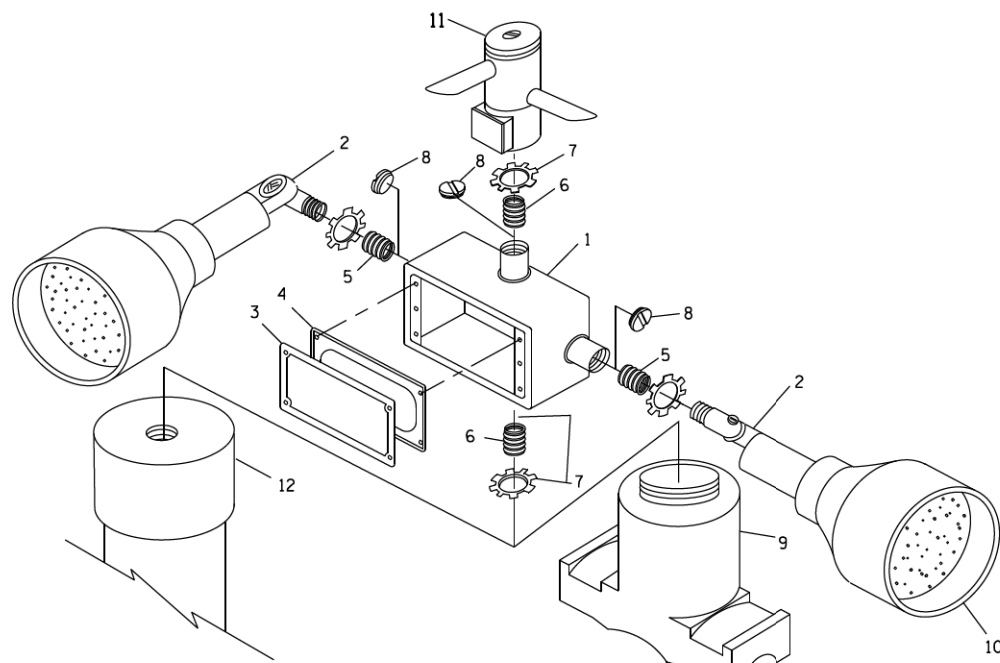
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TS-05		CONTRACT NO. 61K01		ILLINOIS FED. AID PROJECT



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)

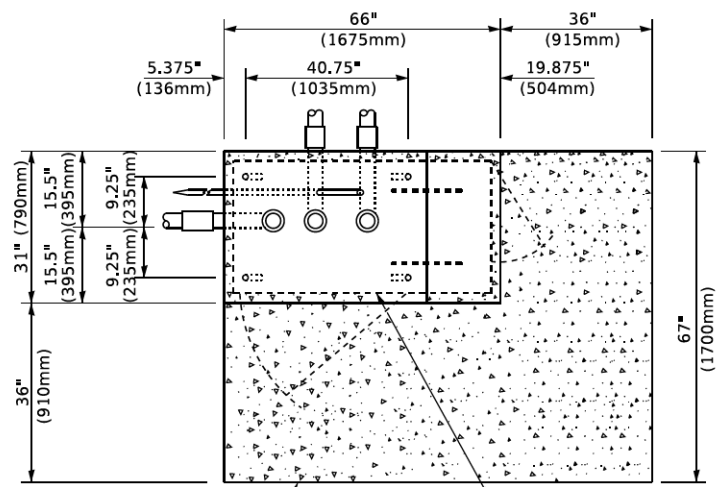


POST CAP MOUNT **MAST ARM MOUNT**
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION
BEACON MOUNTING DETAIL

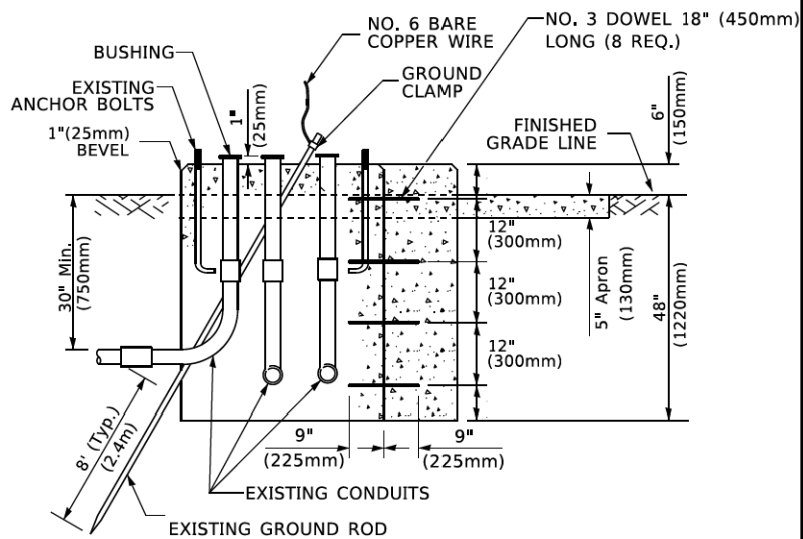
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

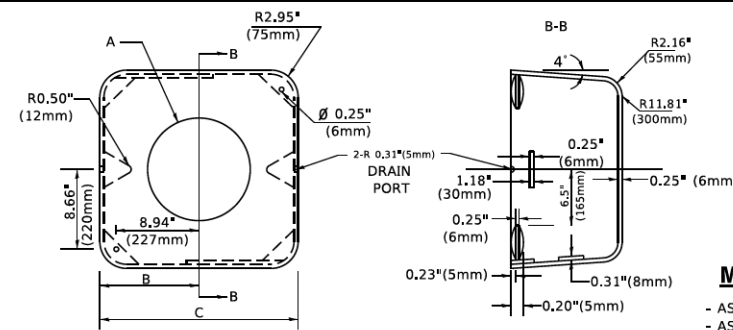
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE 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.



TOP VIEW
(NOT TO SCALE)



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



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

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

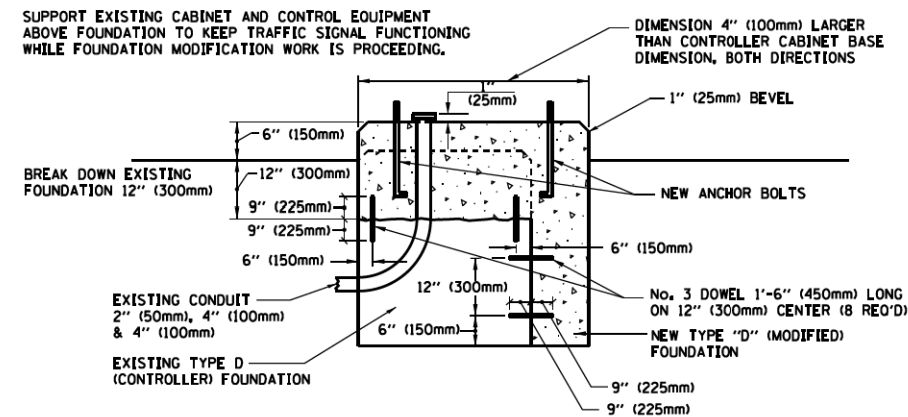
SHROUD

NOTES:

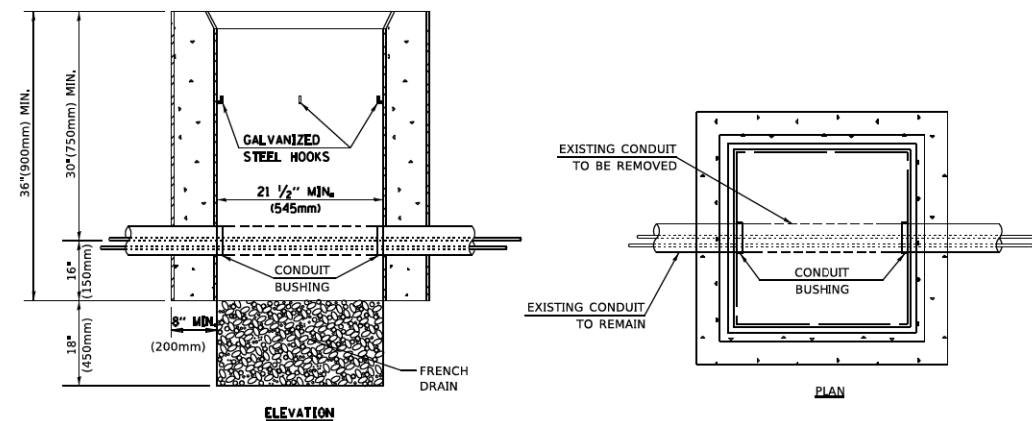
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

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

MODEL: D:\draft\... PROJECTS\... FILE NAME: ...

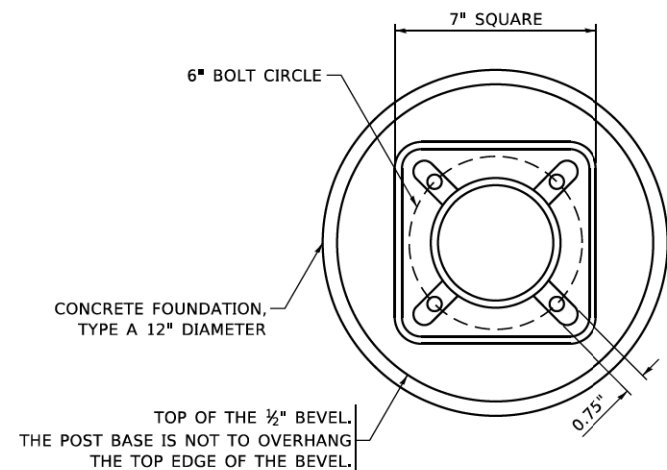
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PLOT SCALE	CHECKED	REVISED
PLOT DATE	DATE	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	56
TS-05		CONTRACT NO.		61K01
ILLINOIS FED. AID PROJECT				

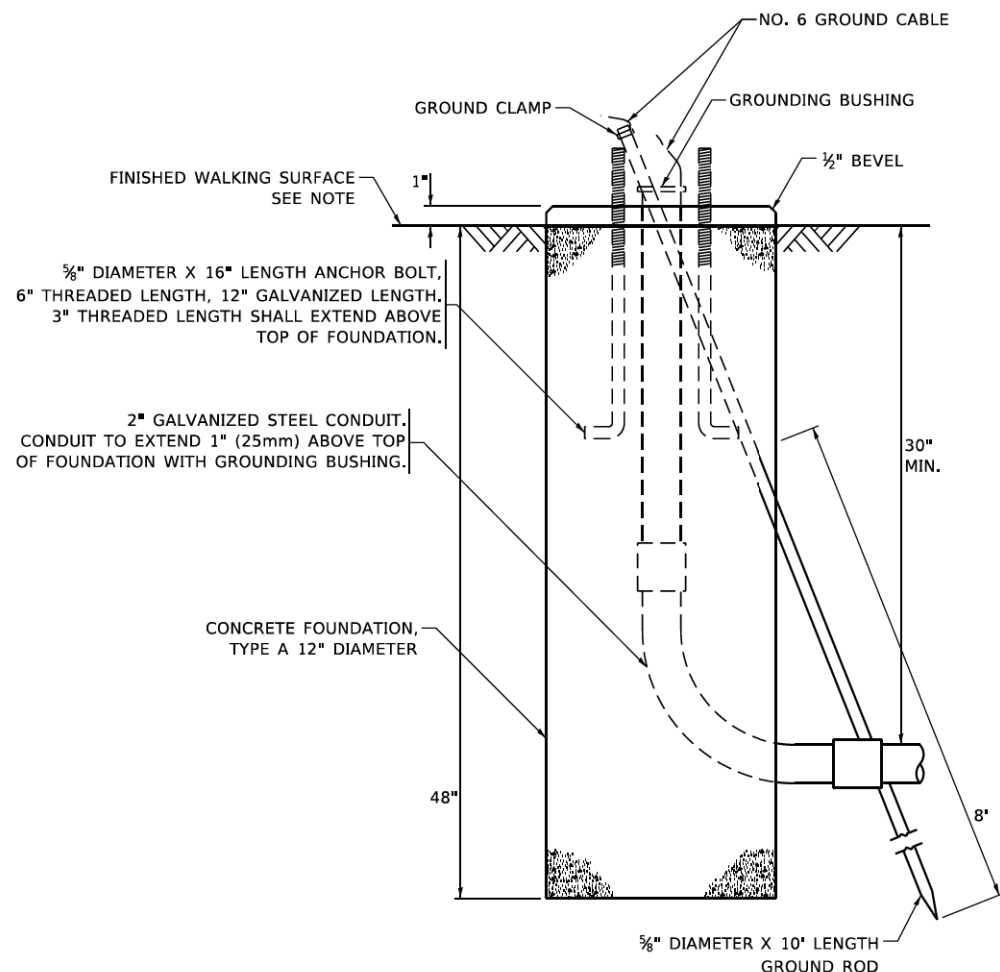
SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.



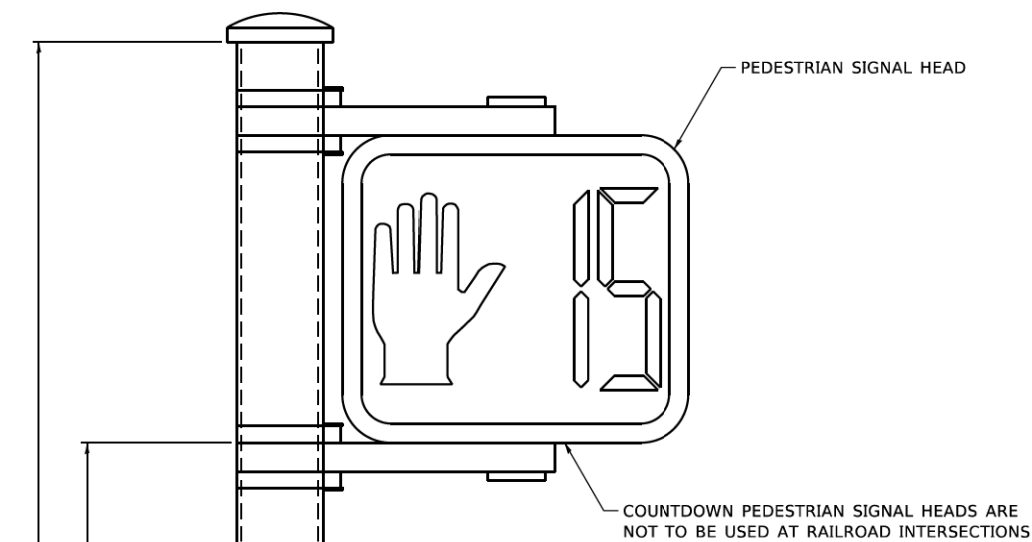
BOLT PATTERN

NOTE:

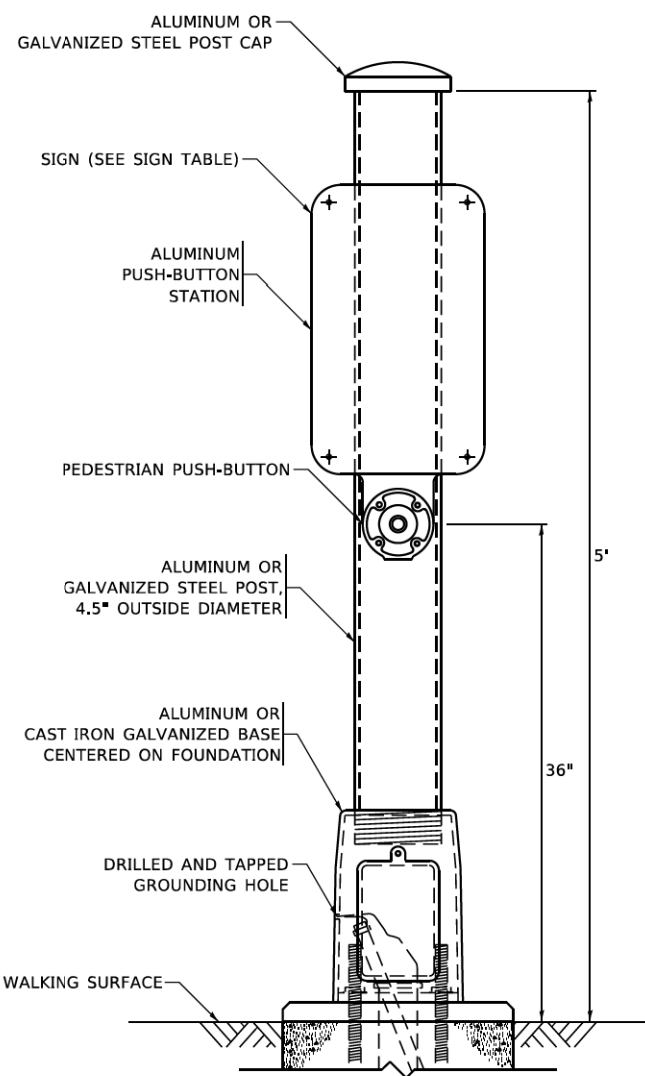
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



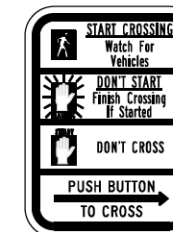
**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**



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.

MODEL: Default
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USER NAME = gaglianob	DESIGNED - IP	REVISED - 10-15-2020
PLOT SCALE = 100,0000' / in.	DRAWN - IP	REVISED -
PLOT DATE = 11/23/2020	CHECKED - LP	REVISED -
	DATE - 10-15-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

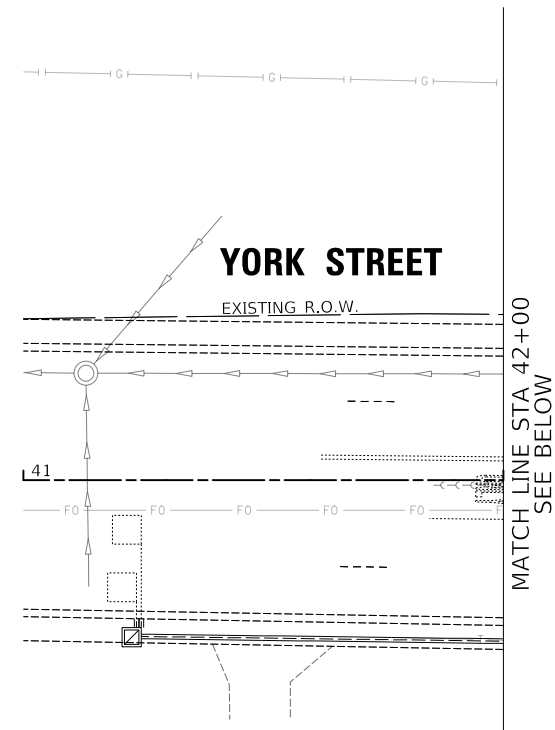
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F.A. & RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	57
TS-05		CONTRACT NO. 61K01		
ILLINOIS FED. AID PROJECT				

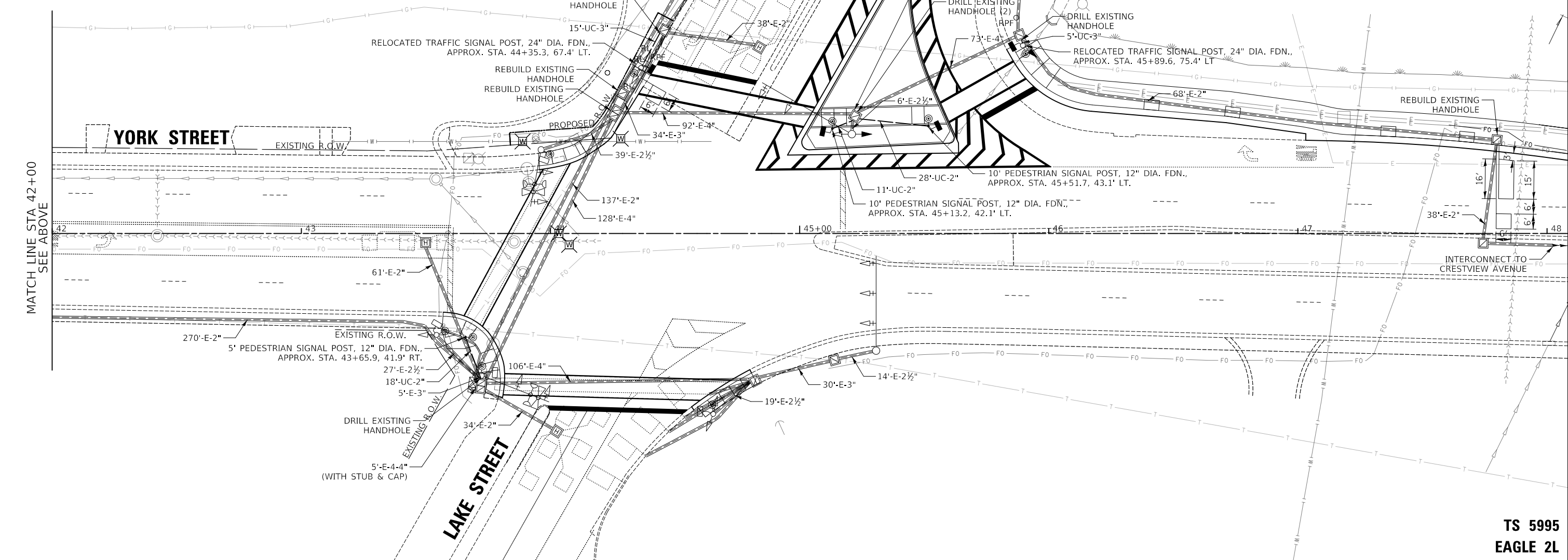


PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



- NOTES:**
- ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS
- REMOVAL AND RELOCATION NOTES:**
- THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.
- 4 EACH PEDESTRIAN PUSH-BUTTON
 - 2 EACH 4-SECTION SIGNAL HEAD
- THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL INSTALLATION.
- 2 EACH TRAFFIC SIGNAL POST
 - 2 EACH 5-SECTION SIGNAL HEAD



MATCH LINE STA 42+00
SEE ABOVE

MATCH LINE STA 42+00
SEE BELOW

TS 5995
EAGLE 2L

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - LEP	REVISED -
DRAWN - LEP	REVISED -
CHECKED - JJE	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



NORTH YORK STREET SIDEWALK IMPROVEMENT
TRAFFIC SIGNAL MODIFICATION PLAN
YORK STREET AND US ROUTE 20 (LAKE STREET)

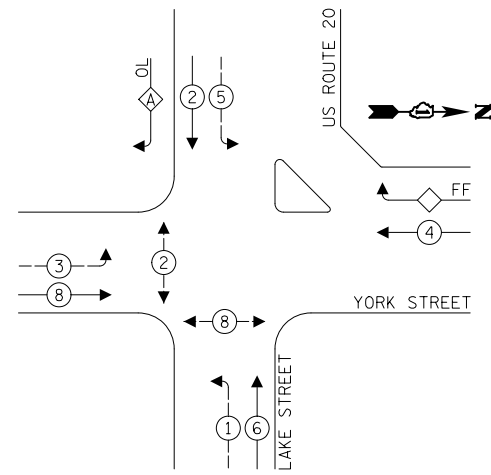
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	58
CONTRACT NO. 61K01				

FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT

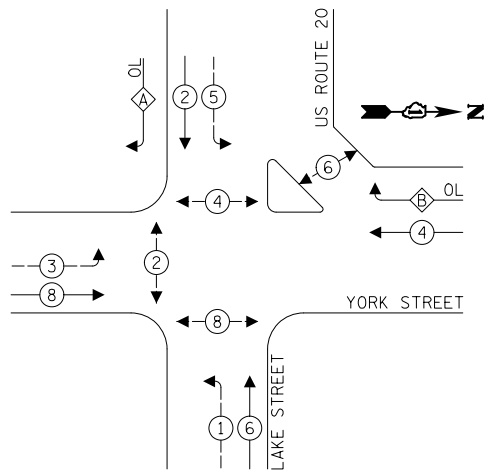
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BY	
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PLAN	
NO.	
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DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK	
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PROFILE	
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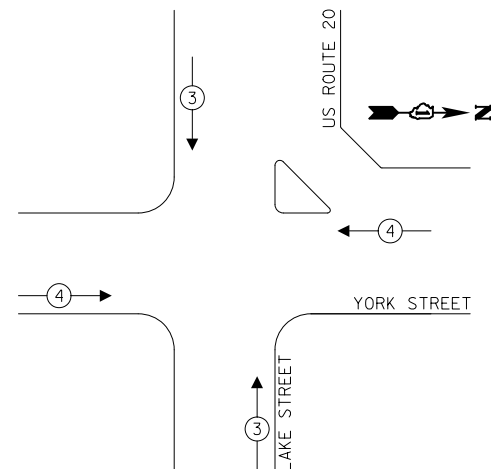
EXISTING CONTROLLER SEQUENCE



PROPOSED CONTROLLER SEQUENCE



EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

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

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 5

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QNTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	57
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	20
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1173
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1201
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	474
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	107
CONCRETE FOUNDATION, TYPE A	FOOT	8
DRILL EXISTING HANDHOLE	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
DETECTOR LOOP, TYPE I	FOOT	123
RELOCATE EXISTING SIGNAL HEAD	EACH	2
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	327
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	66
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	4
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	EACH	12

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18	11	50	99.0
(YELLOW)	18	20	5	18.0
(GREEN)	18	12	45	97.2
PERMISSIVE ARROW	20	10	12	24.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	250	50	-
TOTAL =				523.2

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: COMED
PHONE: (866) 639-3532
COMPANY: COMED
ACCOUNT NUMBER: XXXXX-XXXXX

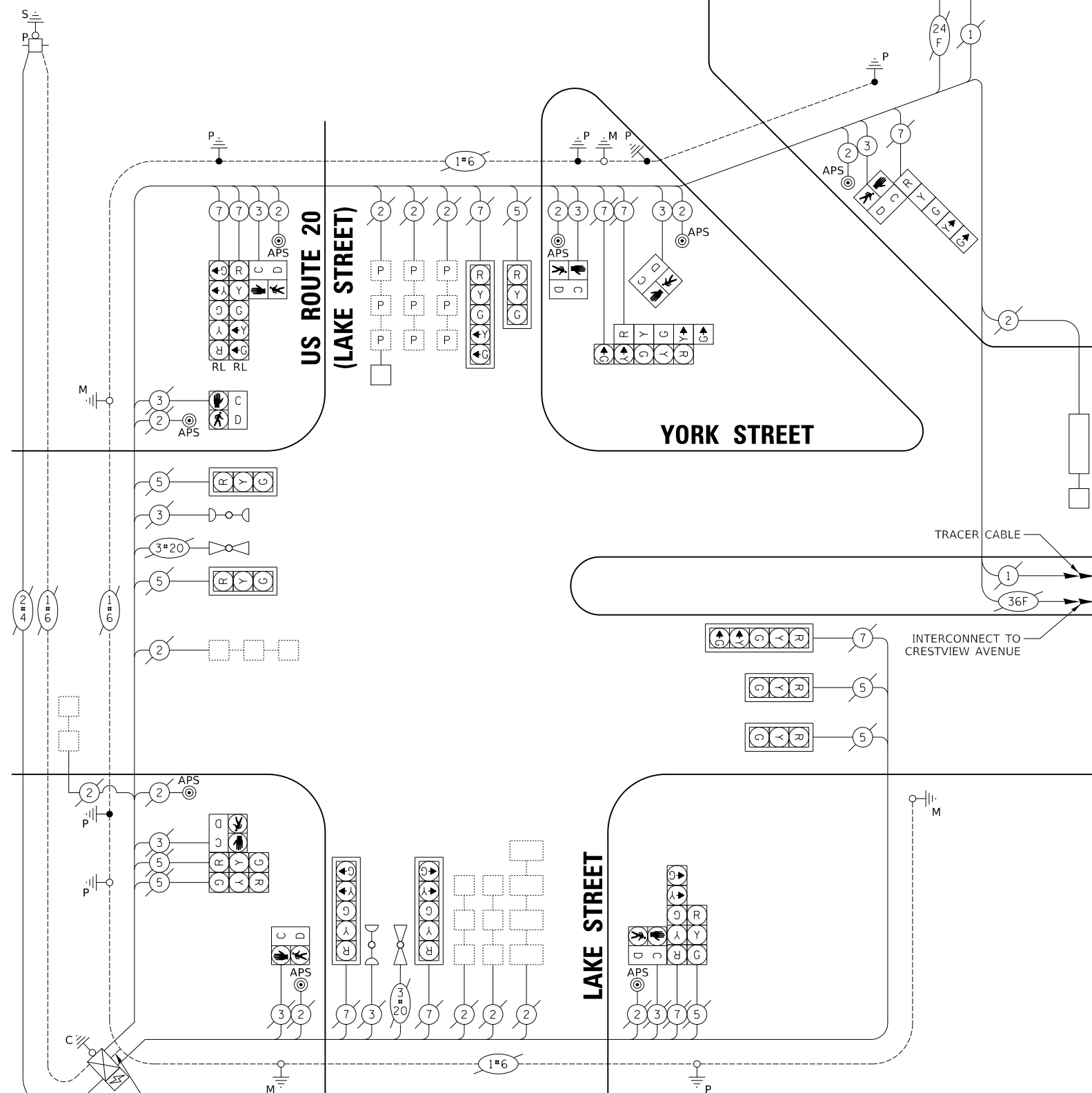
CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - LEP	REVISED -
DRAWN - LEP	REVISED -
CHECKED - JJE	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST

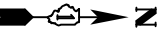
NORTH YORK STREET SIDEWALK IMPROVEMENT TRAFFIC SIGNAL MODIFICATION CABLE PLAN YORK STREET AND US ROUTE 20 (LAKE STREET)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	59
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CABLE PLAN
(NOT TO SCALE)

TS 5995
EAGLE 2L



NOTES:

- 1. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.

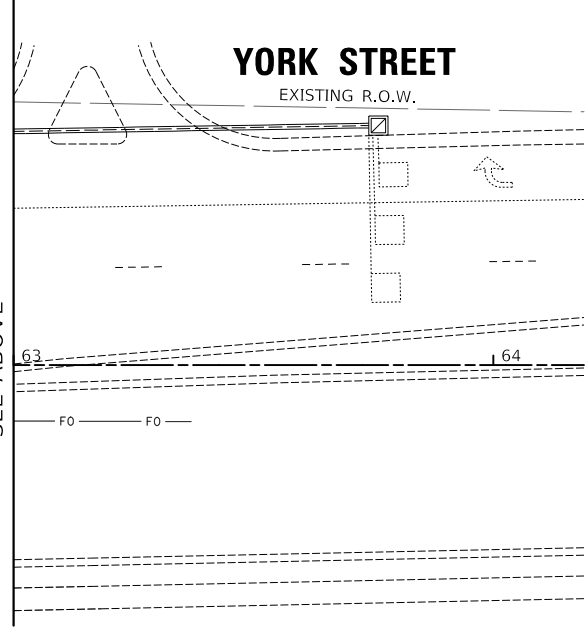
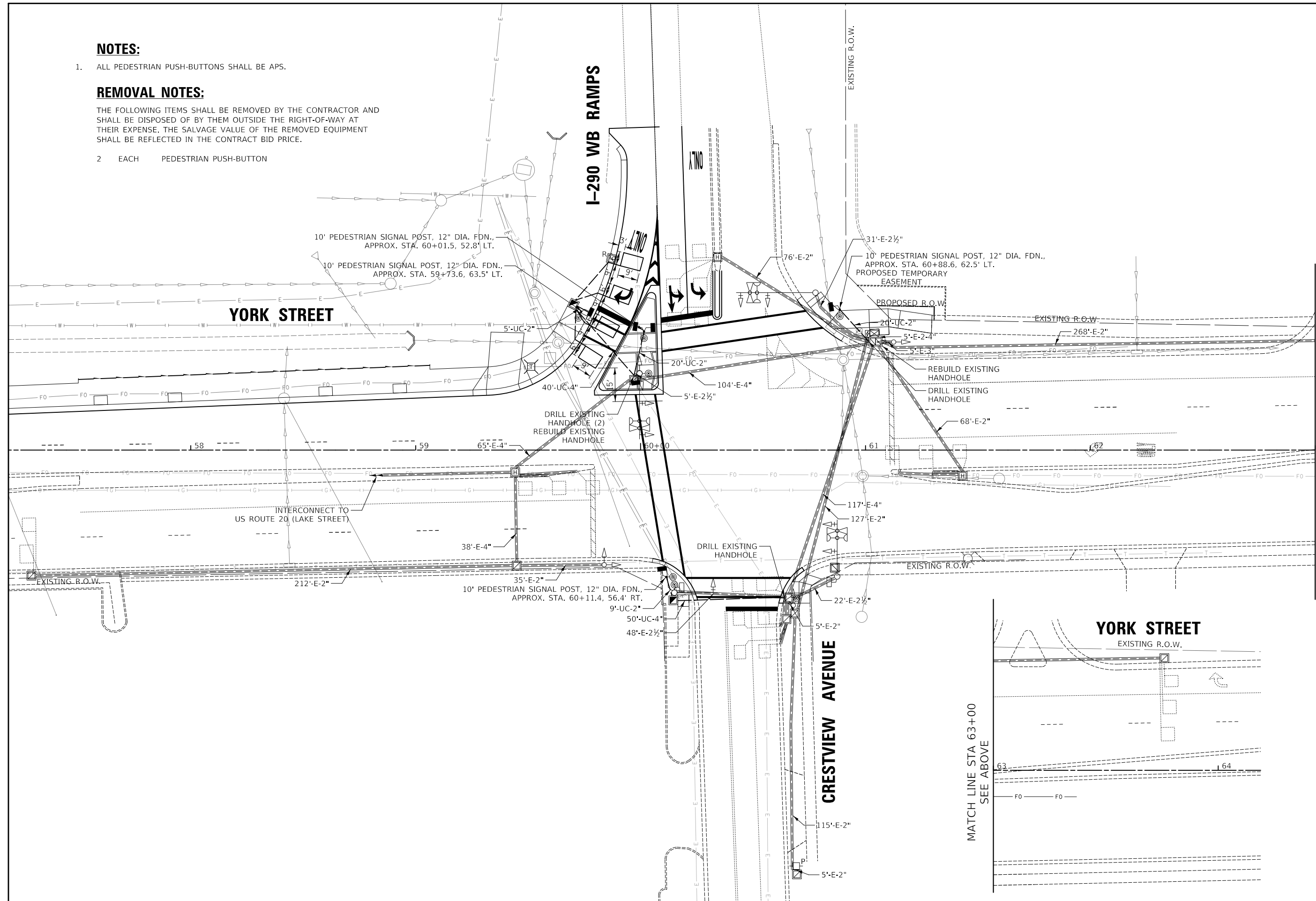
REMOVAL NOTES:

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

- 2 EACH PEDESTRIAN PUSH-BUTTON

DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
NOTED	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
GRADES	
NOTED	
NO.	



MATCH LINE STA 63+00
SEE BELOW

MATCH LINE STA 63+00
SEE ABOVE

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - LEP	REVISED -
DRAWN - LEP	REVISED -
CHECKED - JJE	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
TRAFFIC SIGNAL MODIFICATION PLAN
YORK STREET, I-290 WESTBOUND RAMPS, & CRESTVIEW AVENUE**

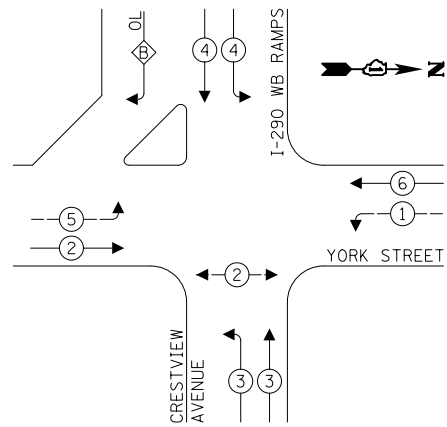
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2678	17-00188-00-SW	DUPAGE	99	60
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**TS 5990
EAGLE 2L**

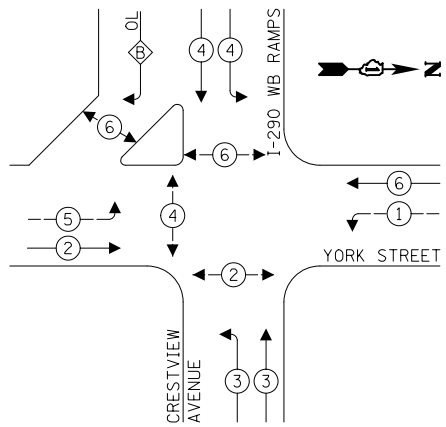
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PROFILE	
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PROFILE	
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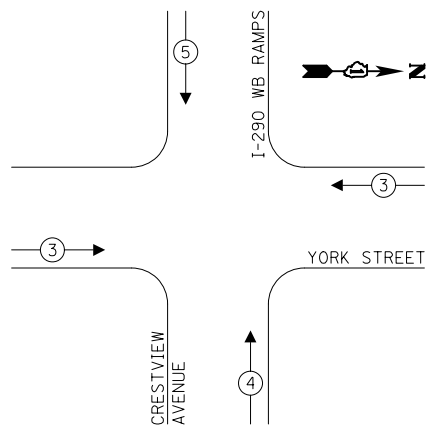
EXISTING CONTROLLER SEQUENCE



PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ← ⊛ — PROTECTED PHASE
- ← ⊛ — PROTECTED/PERMITTED PHASE
- ← ⊛ — PEDESTRIAN PHASE
- ← ⊛ OL — OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER = PERMISSIVE PHASE + PROTECTED PHASE
 B = 4 + 5

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QNTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	54
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	90
HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	785
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	991
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	187
DRILL EXISTING HANDHOLE	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
DETECTOR LOOP, TYPE I	FOOT	132
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	58
REBUILD EXISTING HANDHOLE	EACH	2
REMOVE EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	7
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	EACH	16

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	18	12	45	97.2
PERMISSIVE ARROW	12	10	12	14.4
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	250	50	-
TOTAL =				447.6

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 W. CENTER COURT
 SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: COMED
 PHONE: (866) 639-3532
 COMPANY: COMED
 ACCOUNT NUMBER:

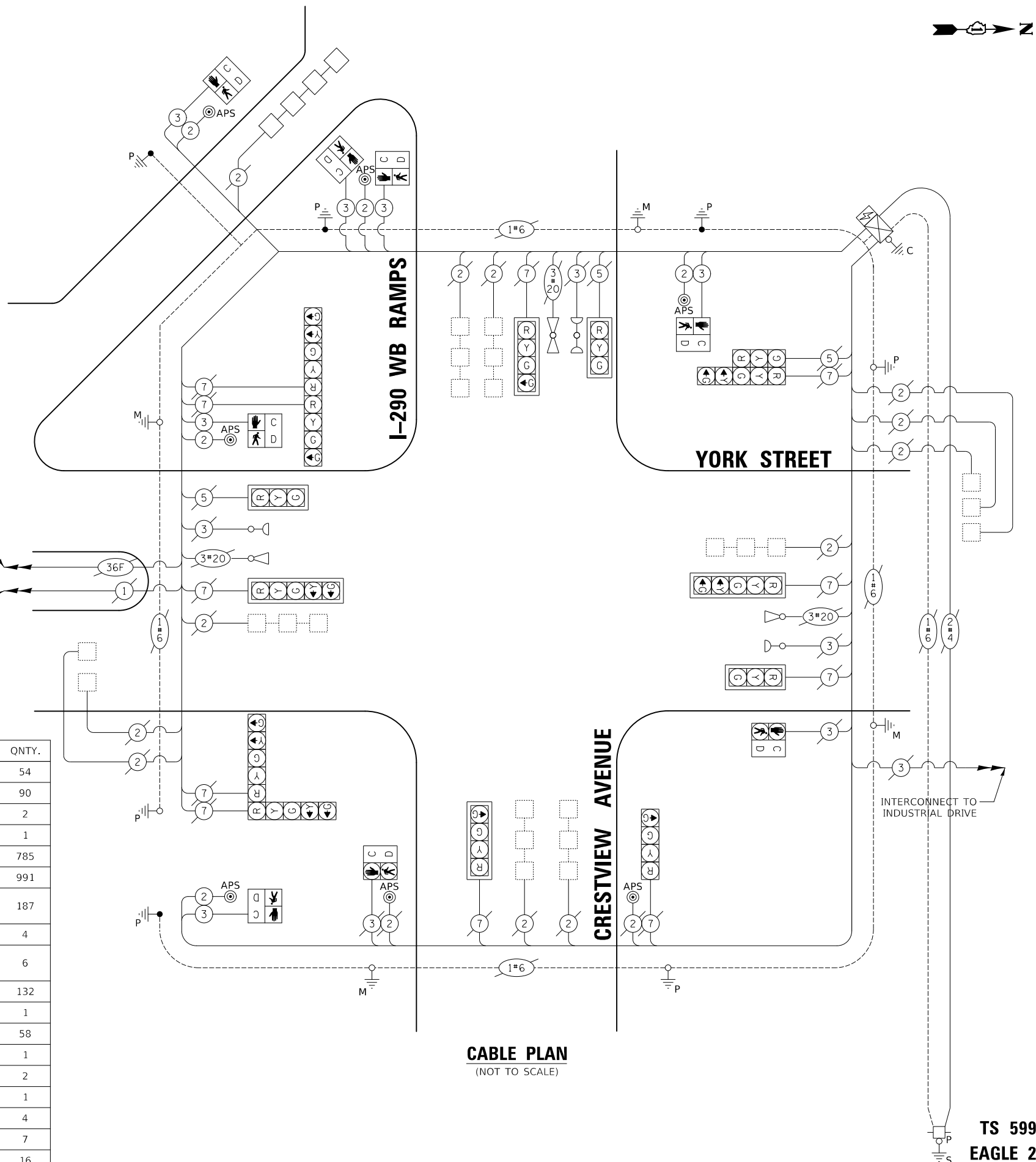


DESIGNED - LEP	REVISED -
DRAWN - LEP	REVISED -
CHECKED - JJE	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST

NORTH YORK STREET SIDEWALK IMPROVEMENT TRAFFIC SIGNAL MODIFICATION CABLE PLAN YORK STREET, I-290 WESTBOUND RAMPS, & CRESTVIEW AVENUE

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	61
CONTRACT NO. 61K01			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



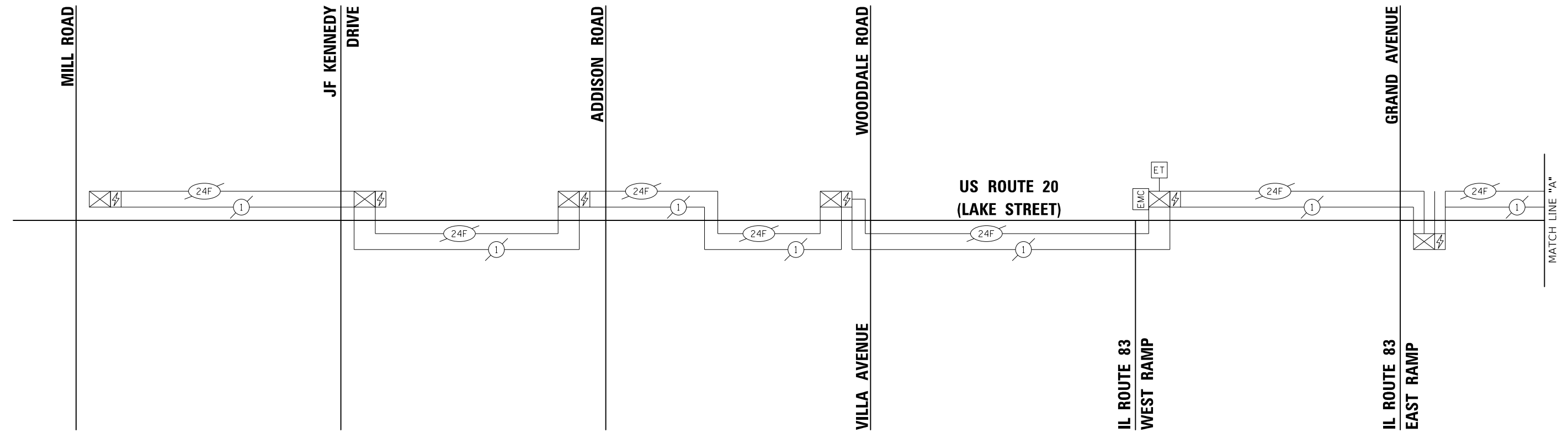
CABLE PLAN
(NOT TO SCALE)

TS 5990
EAGLE 2L



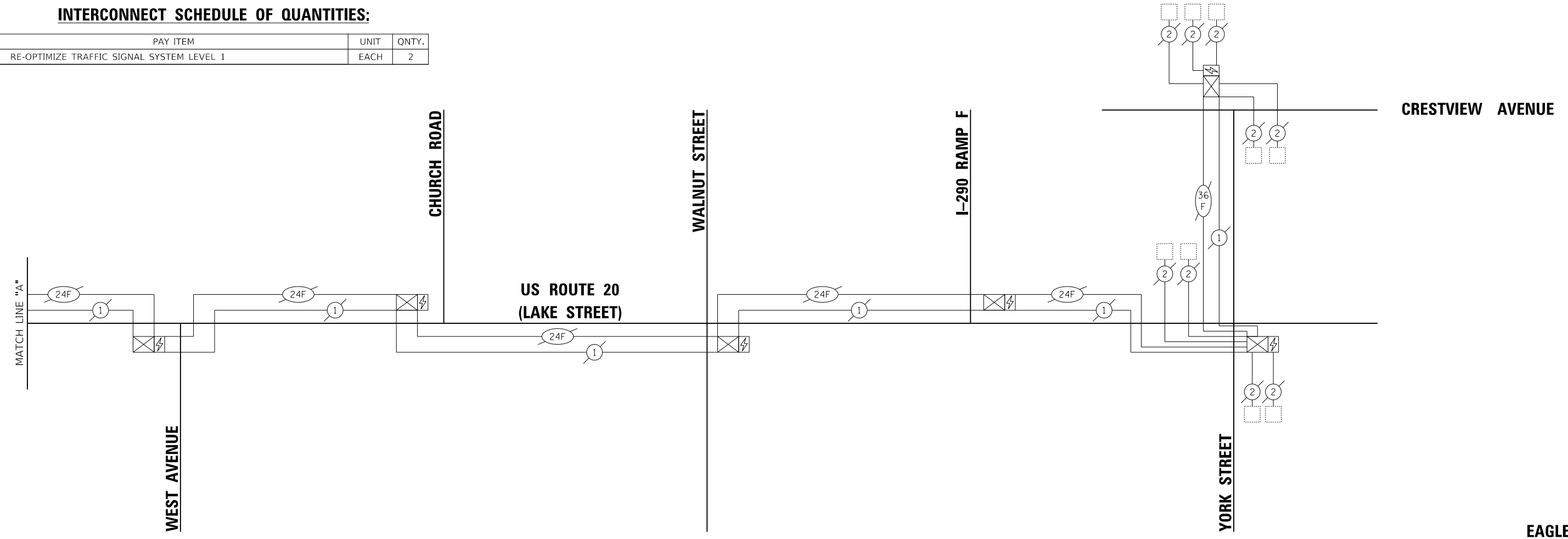
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	PLOTTED	
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	FILED	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



INTERCONNECT SCHEDULE OF QUANTITIES:

PAY ITEM	UNIT	QNTY.
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	2



EAGLE 2L

CIVILTECH
 Two Pierce Place, Suite 1400
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - LEP	REVISED -
DRAWN - LEP	REVISED -
CHECKED - JJE	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
 INTERCONNECT SCHEMATIC**





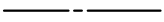
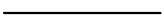
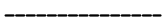

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	62
CONTRACT NO. 61K01				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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LEGEND

	PROPOSED LIGHTING UNIT LUMINIAIRE, LED, SPECIAL 30 W LED, 3000K, 120V LIGHT POLE, SPECIAL 14 FT TAPERED FLUTED ALUMINUM
	PROPOSED UNDERPASS LUMINAIRE (SPECIAL) 39 W LED LUMINAIRE, 3000K, 120V
	PROPOSED HANDHOLE, COMPOSITE CONCRETE 12" X 12"
	PROPOSED LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP
	PROPOSED UNDERGROUND CONDUIT, PVC, 2" ELECTRIC CABLE IN CONDUIT AS SPECIFIED IN THE PLANS
	PROPOSED CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10, 1/C NO. 10 GROUND
	PROPOSED UNDERGROUND CONDUIT, PVC, 1" ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10, 1/C NO. 10 GROUND
	PROPOSED ELECTRIC SERVICE DISCONNECT

LIGHTING GENERAL NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, ANY WORK IS NOT REQUIRED, THAT ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND HANHOLES FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO INSTALLING LIGHT POLE FOUNDATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATIONS HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
- NO LIGHT POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- TO MAINTAIN THE STRUCTURAL INTEGRITY OF POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE CONTRACTOR SHALL NOT BE PAID FOR POLES UNTIL LUMINAIRES ARE INSTALLED.
- CONDUIT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, DRAINS, OTHER UTILITIES, AND LANDSCAPING.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE ANY LIGHT STANDARD IS ERECTED.
- THE INSTALLATION OF BURIED WARNING TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER.
- ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE ENGINEER.

LIGHTING SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	355
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	878
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1462
CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL	FOOT	178
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"	EACH	5
HANDHOLE, COMPOSITE CONCRETE	EACH	16
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	4352
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	4574
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	5979
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1279
LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	10
REMOVAL OF POLE FOUNDATION	EACH	1
LUMINAIRE, LED, SPECIAL	EACH	13
ELECTRICAL SERVICE DISCONNECT	EACH	1
UNDERPASS LUMINAIRE (SPECIAL)	EACH	4
LIGHT POLE, SPECIAL	EACH	13
LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL	FOOT	91
LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	36
RELOCATE EXISTING LIGHTING UNIT (SPECIAL)	EACH	1
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	5



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Itasca, Illinois 60143
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DATE - 10/30/2024

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CITY OF ELMHURST

NORTH YORK STREET SIDEWALK IMPROVEMENT LIGHTING LEGEND, GENERAL NOTES, AND SOQ

SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	63
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K01	

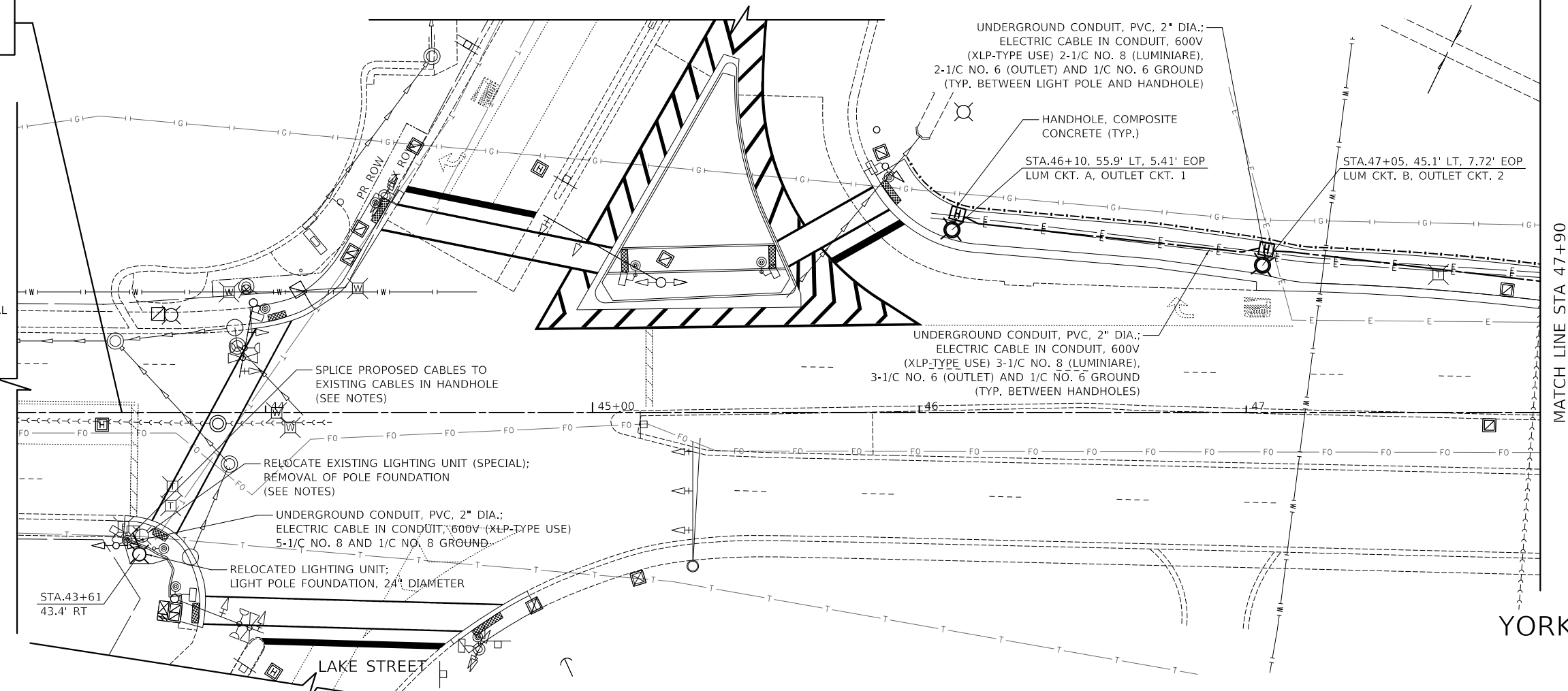
BEGIN
CONSTRUCTION
STA. 43+56

LAKE STREET



DATE	
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ALIGNED	
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- NOTES:
- EXISTING LIGHTING WILL REMAIN OPERATIONAL UNTIL THE PROPOSED LIGHT POLE FOUNDATION IS POURED AND CURED AND READY TO RELOCATE THE EXISTING LIGHT POLE ONTO THE NEW FOUNDATION. THE RELOCATION PROCESS WILL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION OF THE LIGHT POLE FOR THAT SAME EVENING.
 - SPLICING OF CABLES AT THE RELOCATED LIGHT POLE WILL BE IN LIGHT POLE HANDHOLE WITH NEW WATERPROOF SPLICES AND NEW FUSE KIT. FUSE SIZE SHALL MATCH EXISTING. SPLICING OF THE PROPOSED TO EXISTING CABLES WILL BE IN THE EXISTING HANDHOLE WITH WATERPROOF SPLICES. THIS WORK WILL BE INCLUDED AND PAID FOR AS RELOCATE EXISTING LIGHTING UNIT (SPECIAL).



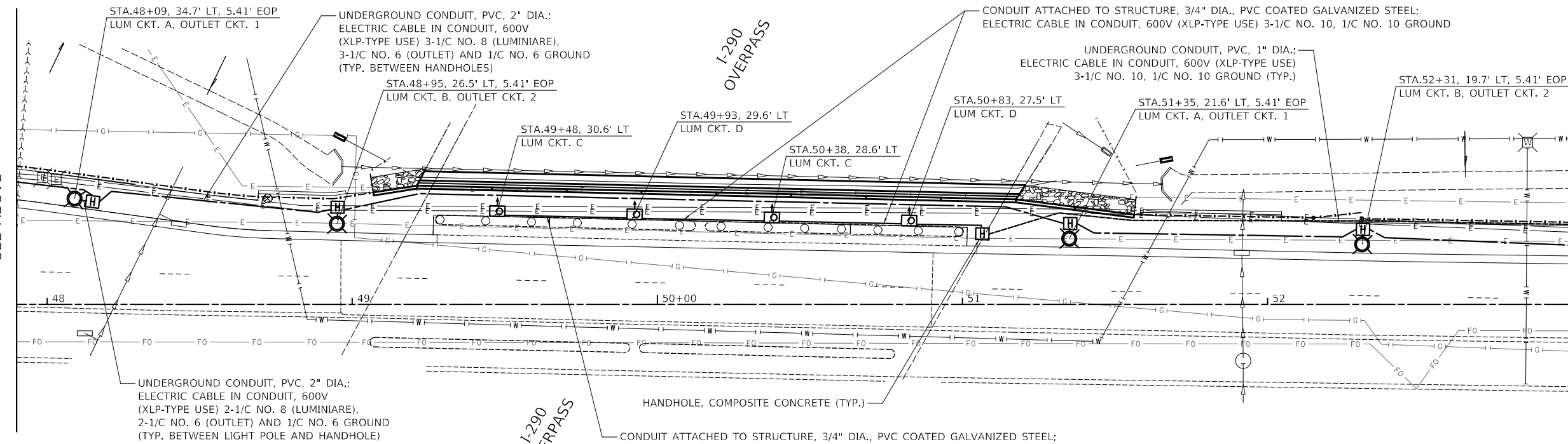
MATCH LINE STA 47+90
SEE BELOW

YORK STREET



DATE	
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MATCH LINE STA 47+90
SEE ABOVE



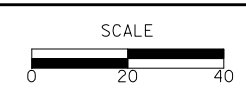
MATCH LINE STA 53+00
SEE SHEET NO. 65

YORK STREET

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CITY OF ELMHURST



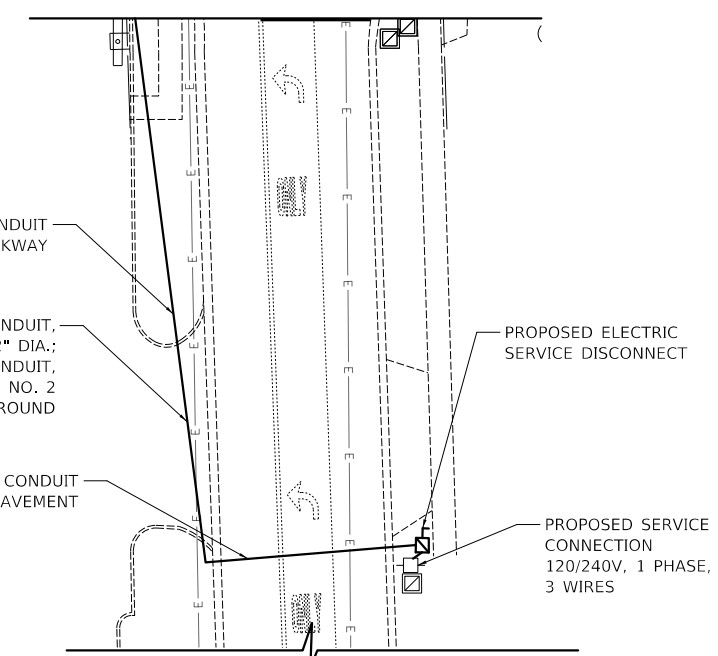
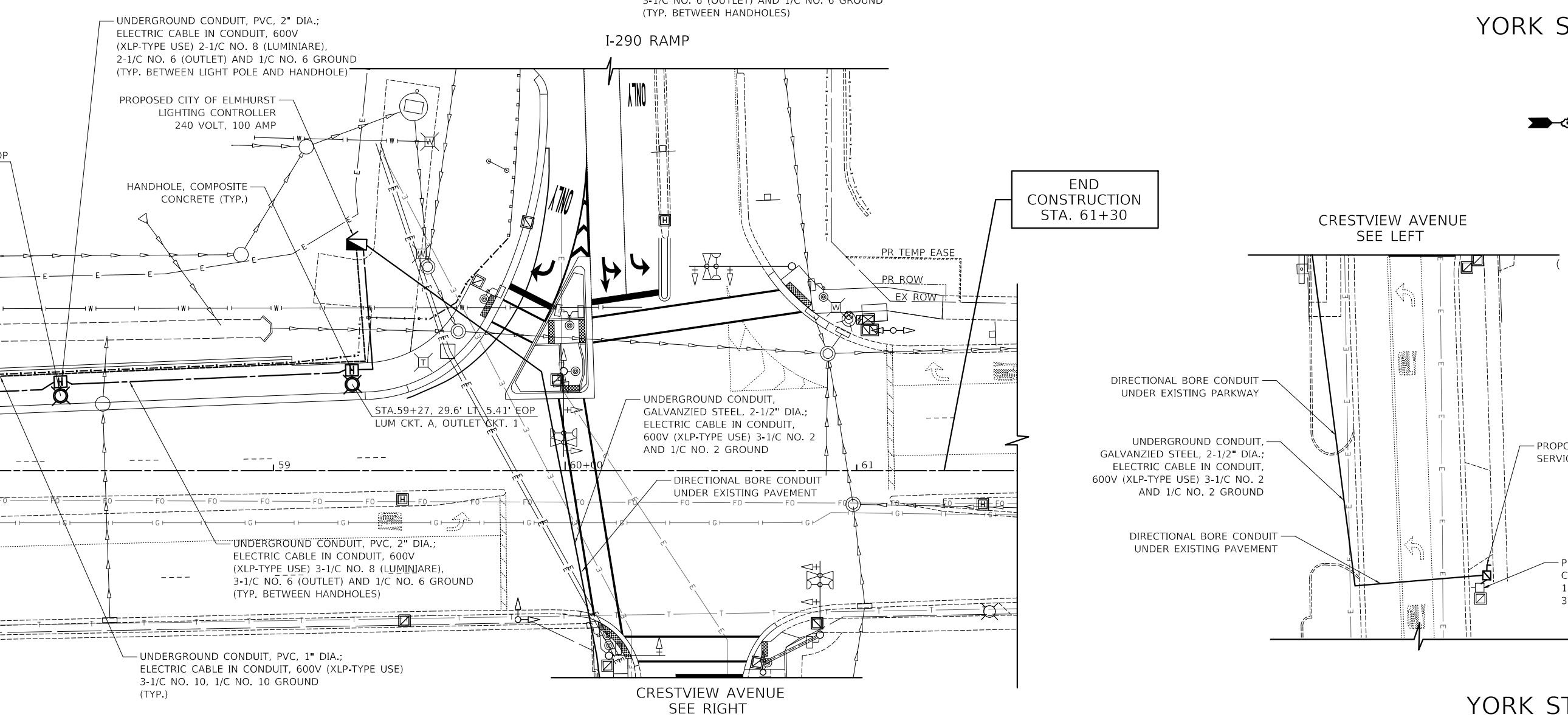
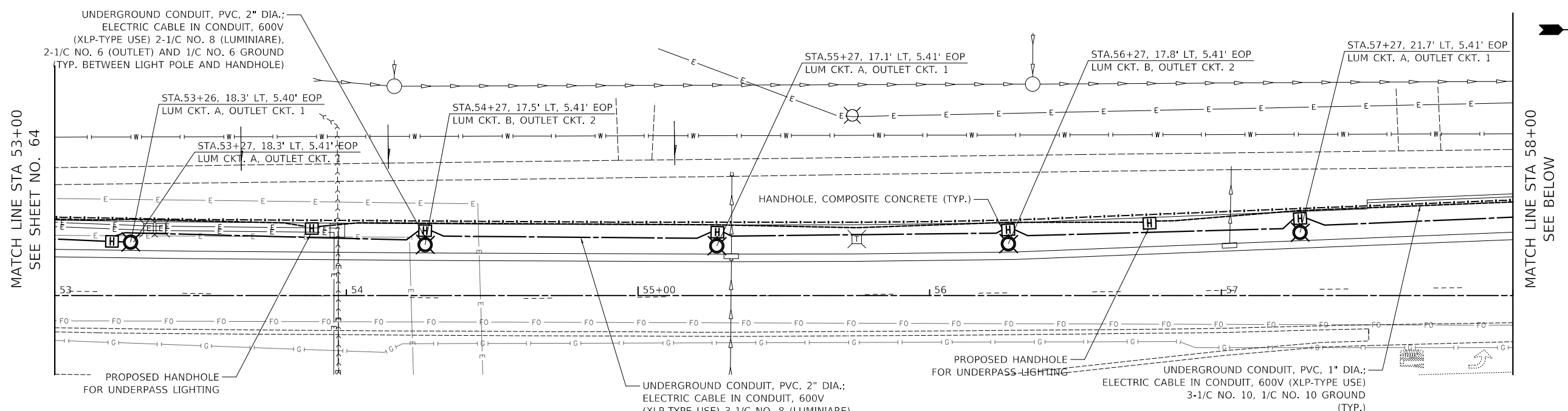
**NORTH YORK STREET SIDEWALK IMPROVEMENT
PROPOSED LIGHTING PLAN**

SHEET NO. 1 OF 2 SHEETS STA. 43+00 TO STA. 53+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	64
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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APPROVED	
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DATE -	10/30/2024	REVISED -	

CITY OF ELMHURST



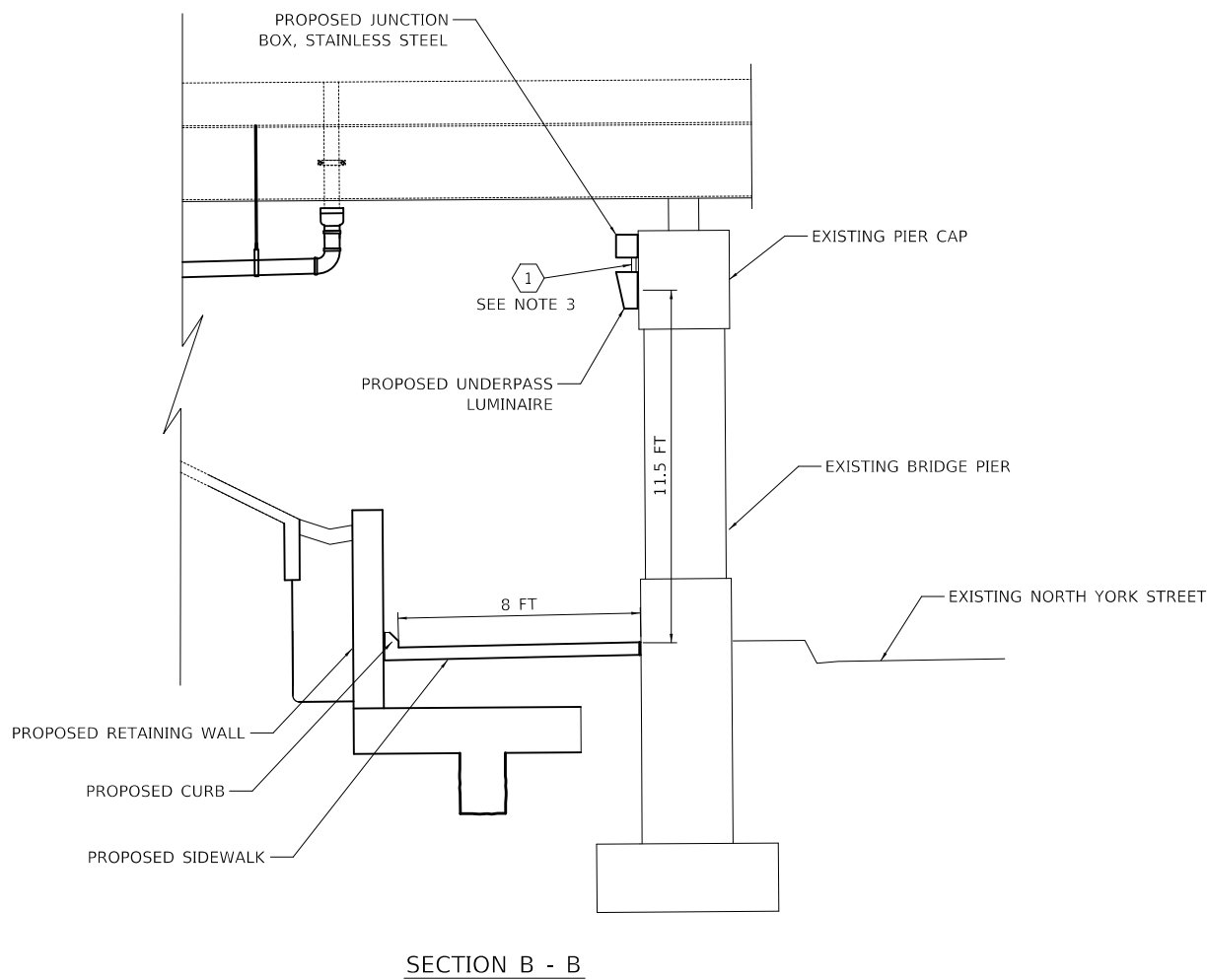
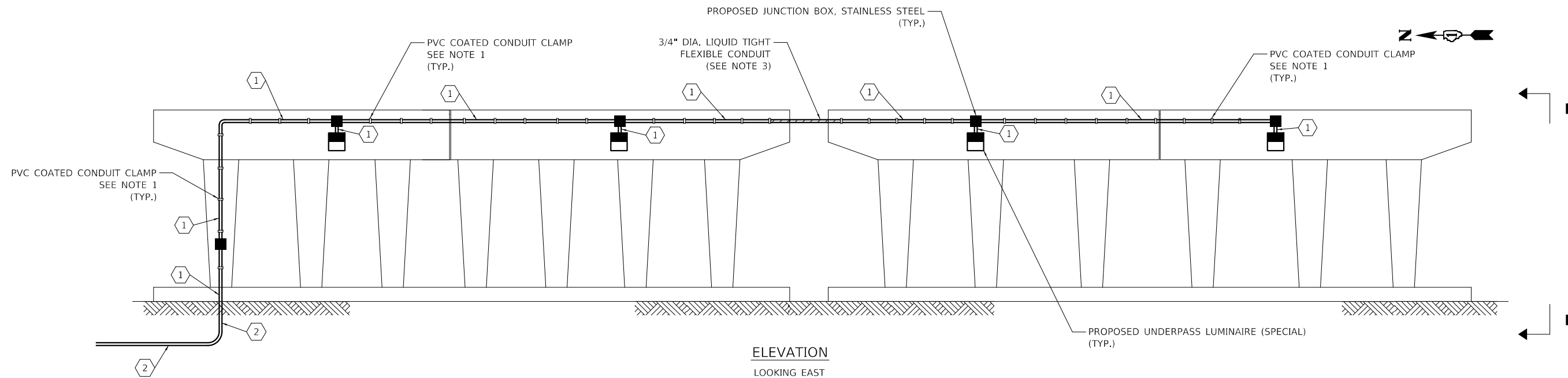
**NORTH YORK STREET SIDEWALK IMPROVEMENT
 PROPOSED LIGHTING PLAN**

SHEET NO. 2 OF 2 SHEETS STA. 53+00 TO STA. 63+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	65
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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LEGEND

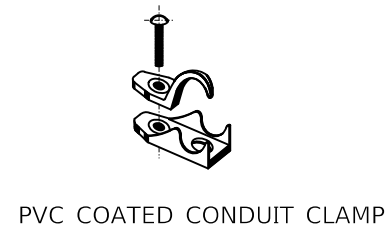
	UNDERPASS LUMINAIRE (SPECIAL)
	RIGID CONDUIT, TYPE AND SIZE AS NOTED
	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"

WIRE AND CONDUIT TABLE

TAG	WIRE	CONDUIT
①	3-1/C NO. 10 AND 1/C NO. 10 GROUND	CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL
②	3-1/C NO. 10 AND 1/C NO. 10 GROUND	UNDERGROUND CONDUIT, PVC, 1" DIA.

NOTES:

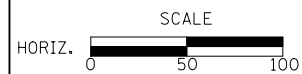
1. SECURE THE CONDUIT WITH PVC COATED CONDUIT CLAMPS AS SHOWN AT 5' INTERVALS FOR LATERALS AND WITHIN 2' MAXIMUM FROM ANY JUNCTION BOX, FLEXIBLE CONDUIT, OR CHANGE IN DIRECTION. ALL PVC COATED CONDUIT CLAMPS SHALL BE INCLUDED WITH THE COST OF "CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA. PVC COATED GALVANIZED STEEL" PAY ITEM.
2. ATTACH LUMINAIRE TO BRIDGE PIER WITH EXPANSION ANCHORS. THE NUMBER AND SIZE OF ANCHORS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. SEE THE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS. POWER ACTUATED FASTENERS WILL NOT BE ALLOWED.
3. LIQUID TIGHT FLEXIBLE METAL CONDUIT, MAXIMUM LENGTH 6 FT, TYPICAL FOR EACH INSTANCE AS SHOWN. PROVIDE PVC COATED RIGID GALVANIZED STEEL CONDUIT AS REQUIRED NOT TO EXCEED 6 FT OF FLEXIBLE LIQUID TIGHT METAL CONDUIT. LIQUID TIGHT FLEXIBLE METAL CONDUIT WILL BE INCLUDED IN THE COST OF THE CONDUIT ATTACHED TO STRUCTURE, OF THE CORRESPONDING DIA., GALVANIZED STEEL, PVC COATED PAY ITEM



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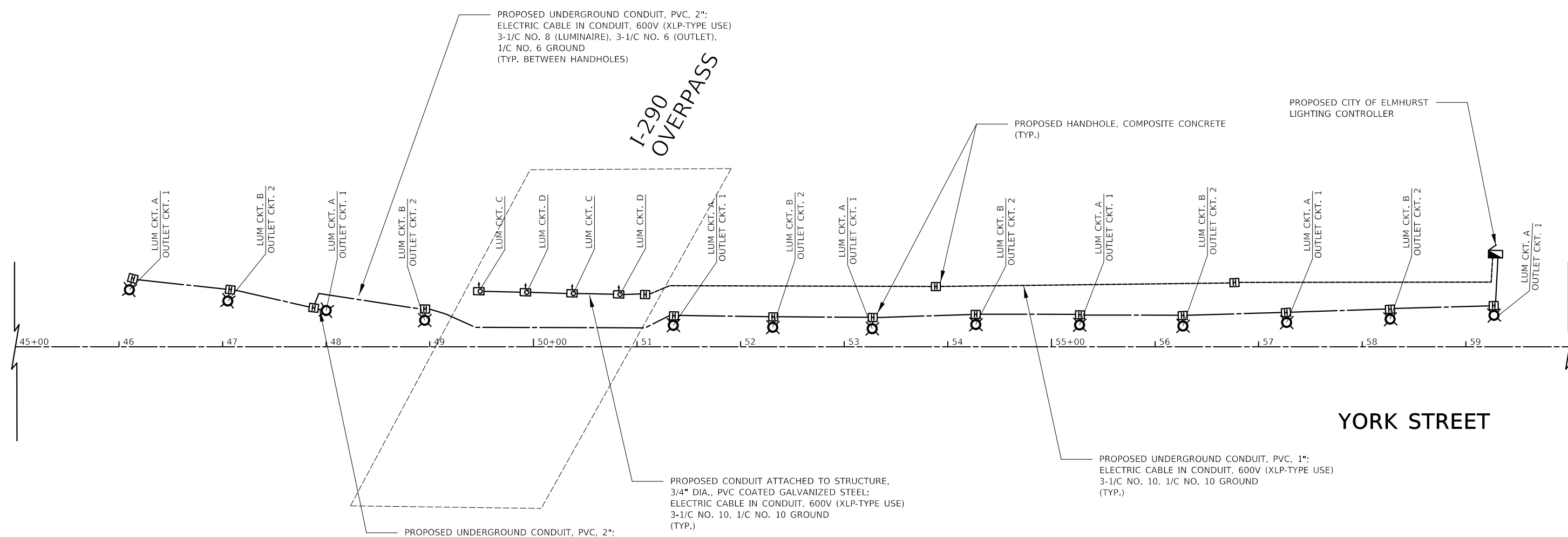
**NORTH YORK STREET SIDEWALK IMPROVEMENT
LIGHTING DETAILS**

N.T.S SHEET NO. 1 OF 1 SHEETS

F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	66
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K01	

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PROPOSED UNDERGROUND CONDUIT, PVC, 2";
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
2-1/C NO. 8 (LUMINAIRE), 2-1/C NO. 6 (OUTLET),
1/C NO. 6 GROUND
(TYP. BETWEEN LIGHT POLE AND HANDHOLE)

PROPOSED CONDUIT ATTACHED TO STRUCTURE,
3/4" DIA., PVC COATED GALVANIZED STEEL;
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
3-1/C NO. 10, 1/C NO. 10 GROUND
(TYP.)

PROPOSED UNDERGROUND CONDUIT, PVC, 1";
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
3-1/C NO. 10, 1/C NO. 10 GROUND
(TYP.)

LEGEND

- PROPOSED LIGHTING UNIT
LUMINAIRE, LED, SPECIAL
30 W LED, 3000K, 120V
LIGHT POLE, SPECIAL
14 FT TAPERED FLUTED ALUMINUM
- PROPOSED UNDERPASS LUMINAIRE (SPECIAL)
39 W LED LUMINAIRE, 3000K, 120V
- PROPOSED HANDHOLE, COMPOSITE CONCRETE
12" X 12"
- PROPOSED LIGHTING CONTROLLER, BASE MOUNTED,
240 VOLT, 100 AMP
- PROPOSED UNDERGROUND CONDUIT, PVC, 2"
ELECTRIC CABLE IN CONDUIT AS SPECIFIED IN THE PLANS
- PROPOSED CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10, 1/C NO. 10 GROUND
- PROPOSED UNDERGROUND CONDUIT, PVC, 1"
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10, 1/C NO. 10 GROUND

CIRCUIT	CABLE	QTY	TOTAL AMPS	KW LOAD	CIRCUIT	CABLE	QTY	TOTAL AMPS	KW LOAD		
A	RED	7	2.2	0.26	B	BLACK	6	1.9	0.23		
C	RED	2	0.8	0.10	D	BLACK	2	0.8	0.10		
1	BLUE	7	7.0	0.84	2	ORANGE	6	6.0	0.72		
TOTAL				10.0	1.20	TOTAL				8.7	1.05

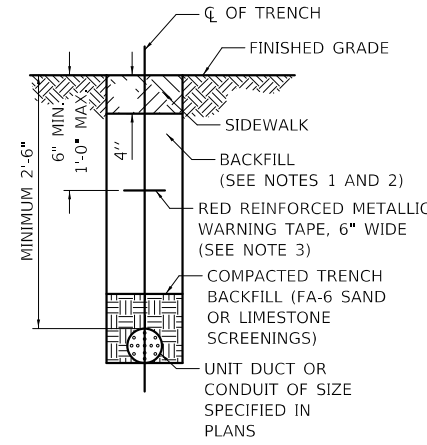
PEDESTRIAN LUMINAIRE 30 WATTS LED (120V) = 0.31 AMP
UNDERPASS LUMINAIRE 39 WATTS LED (120V) = 0.40 AMP
OUTLETS (120 V) = 1 AMPS

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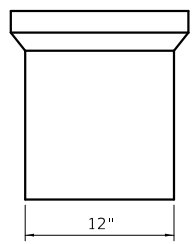
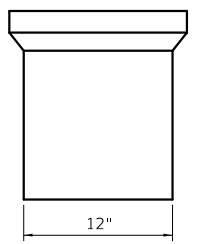
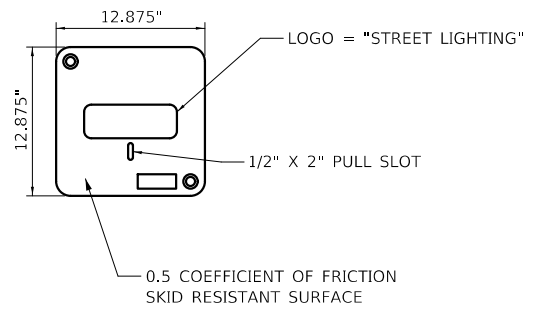
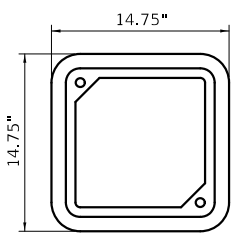
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NOTES:

- TRENCHES WITHIN 2' OF PROPOSED OR EXISTING STREETS, DRIVEWAYS, OR SIDEWALKS WILL BE BACKFILLED WITH COMPACTED FA-6 SAND OR LIMESTONE SCREENINGS.
- WARNING TAPE WILL BE RED WITH BLACK LETTERING TO READ "CAUTION - ELECTRIC LINE BURIED BELOW".
- MINIMUM UNIT DUCT AND CONDUIT DEPTH IS 30". NOTIFY RESIDENT ENGINEER AND VILLAGE ENGINEER WITH CONFLICTS.

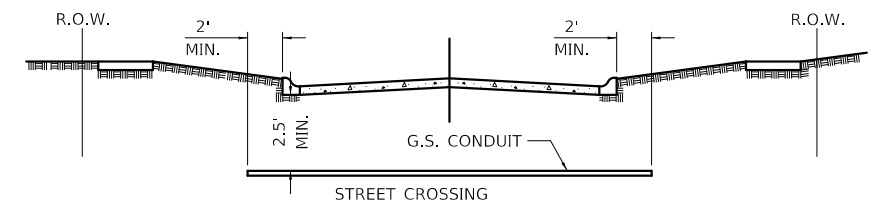


TYPICAL TRENCH CROSS SECTION



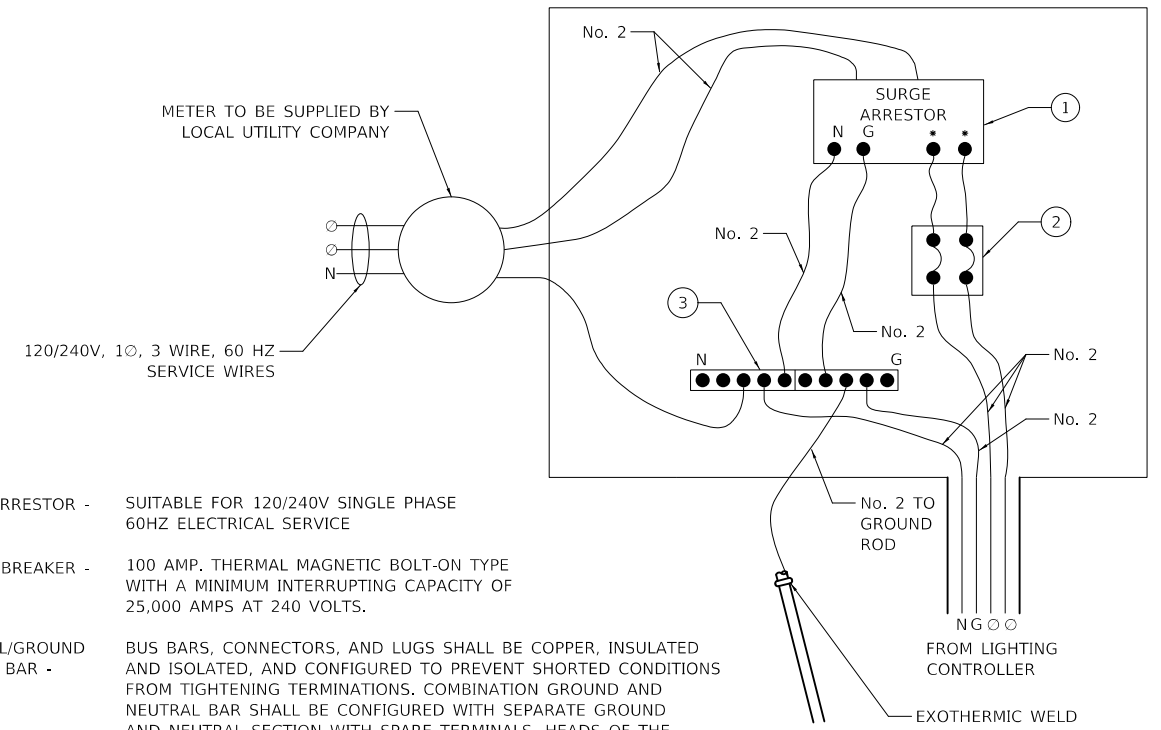
HANDHOLE, COMPOSITE CONCRETE

NOT TO SCALE



- PAVEMENT INCLUDES ROADS, DRIVEWAYS, SIDEWALKS, AND BIKE PATHS.
- CONDUIT SHALL BE HEAVY WALL RIGID GALVANIZED STEEL CONDUIT
- CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB OR EDGE OF PAVEMENT.
- CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW BOTTOM OF PAVEMENT.

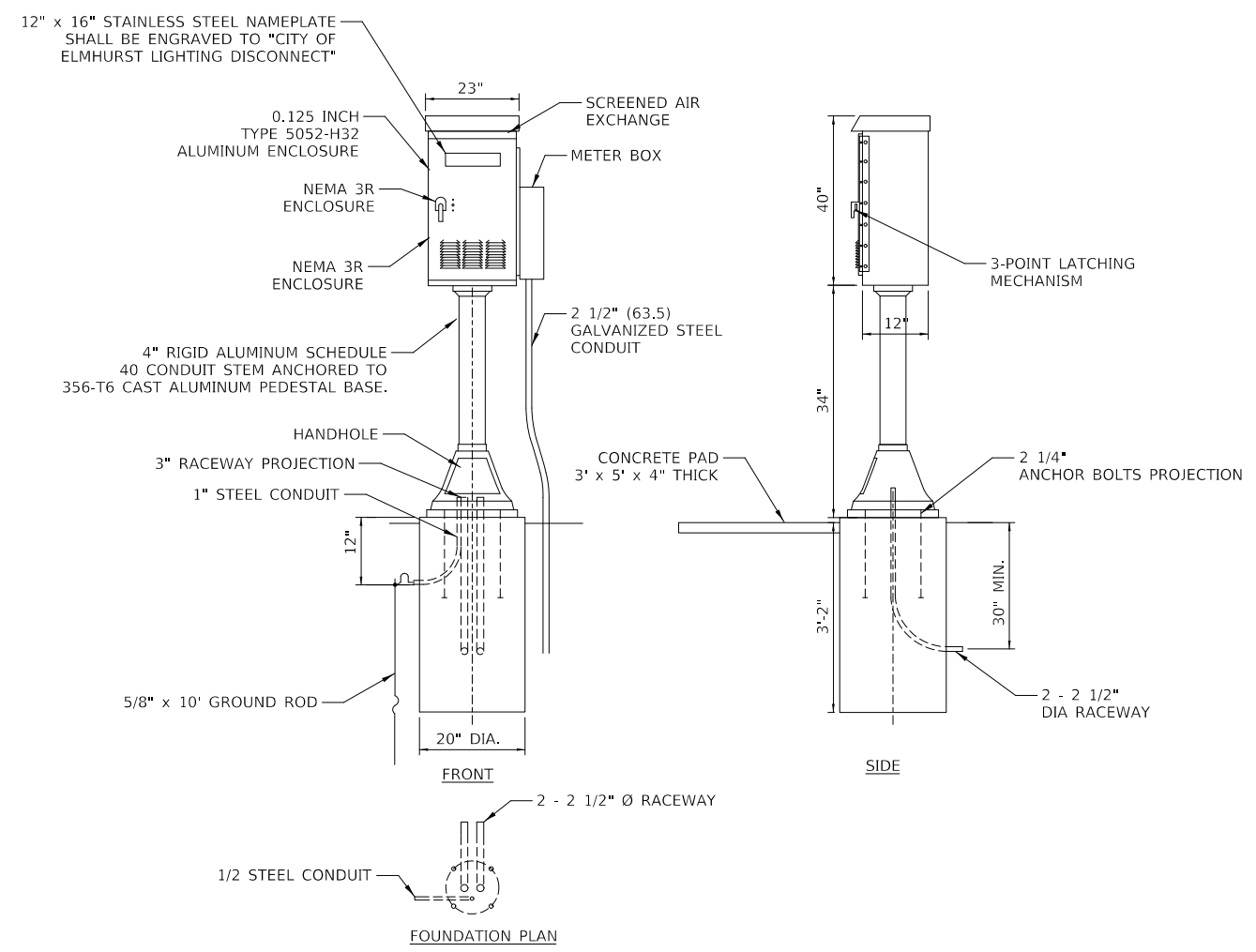
ELECTRICAL CONDUIT UNDER PAVEMENT



- SURGE ARRESTOR - SUITABLE FOR 120/240V SINGLE PHASE 60HZ ELECTRICAL SERVICE
- CIRCUIT BREAKER - 100 AMP. THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 25,000 AMPS AT 240 VOLTS.
- NEUTRAL/GROUND COPPER BAR - BUS BARS, CONNECTORS, AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED, AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS. COMBINATION GROUND AND NEUTRAL BAR SHALL BE CONFIGURED WITH SEPARATE GROUND AND NEUTRAL SECTION WITH SPARE TERMINALS. HEADS OF THE GROUND SCREWS SHALL BE PAINTED GREEN. HEADS OF THE NEUTRAL SCREWS SHALL BE PAINTED WHITE.

ELECTRICAL SERVICE DISCONNECT WIRING SCHEMATIC

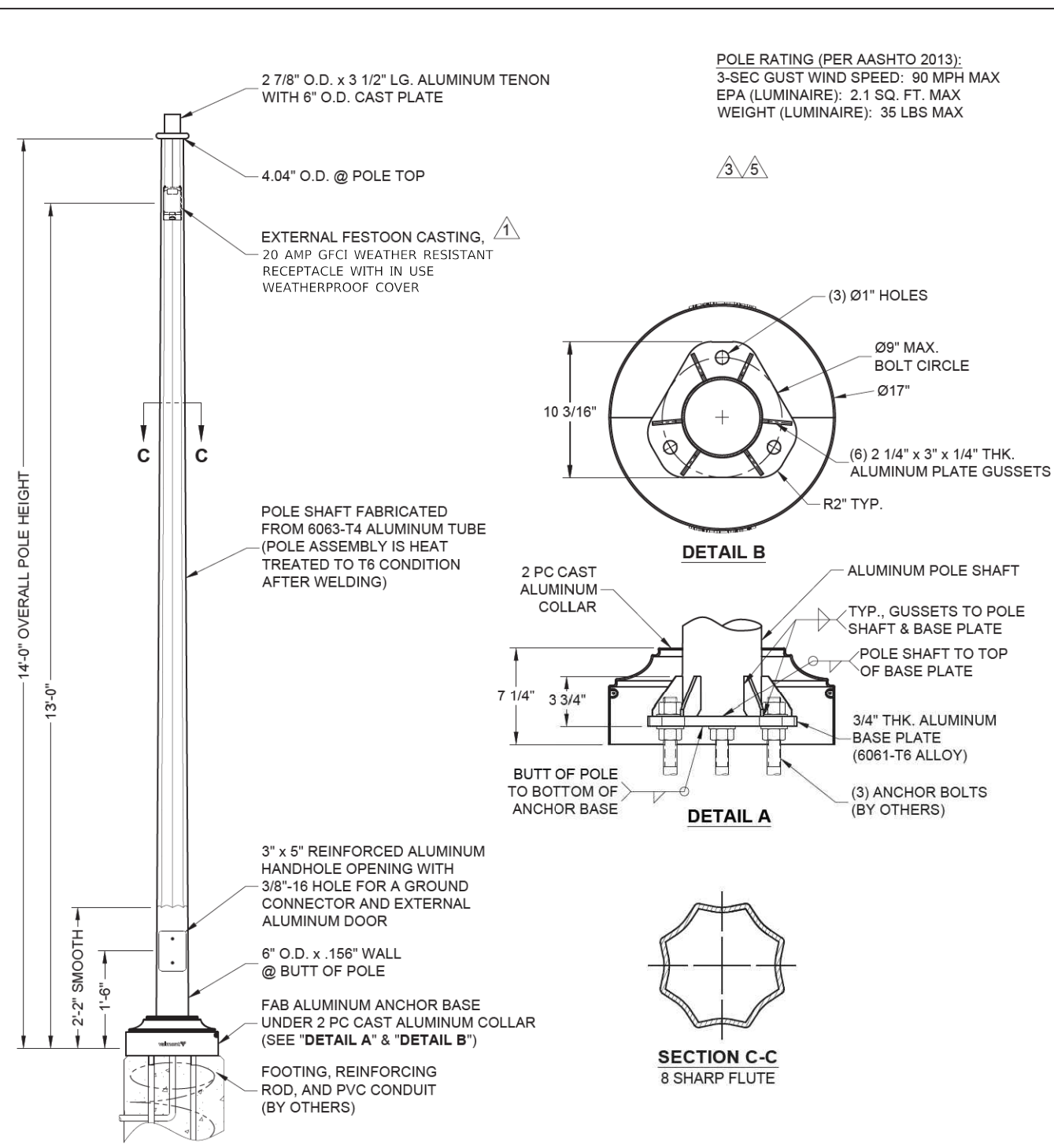
NOTE: THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE LIGHTING SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.



ELECTRIC SERVICE DISCONNECT CABINET

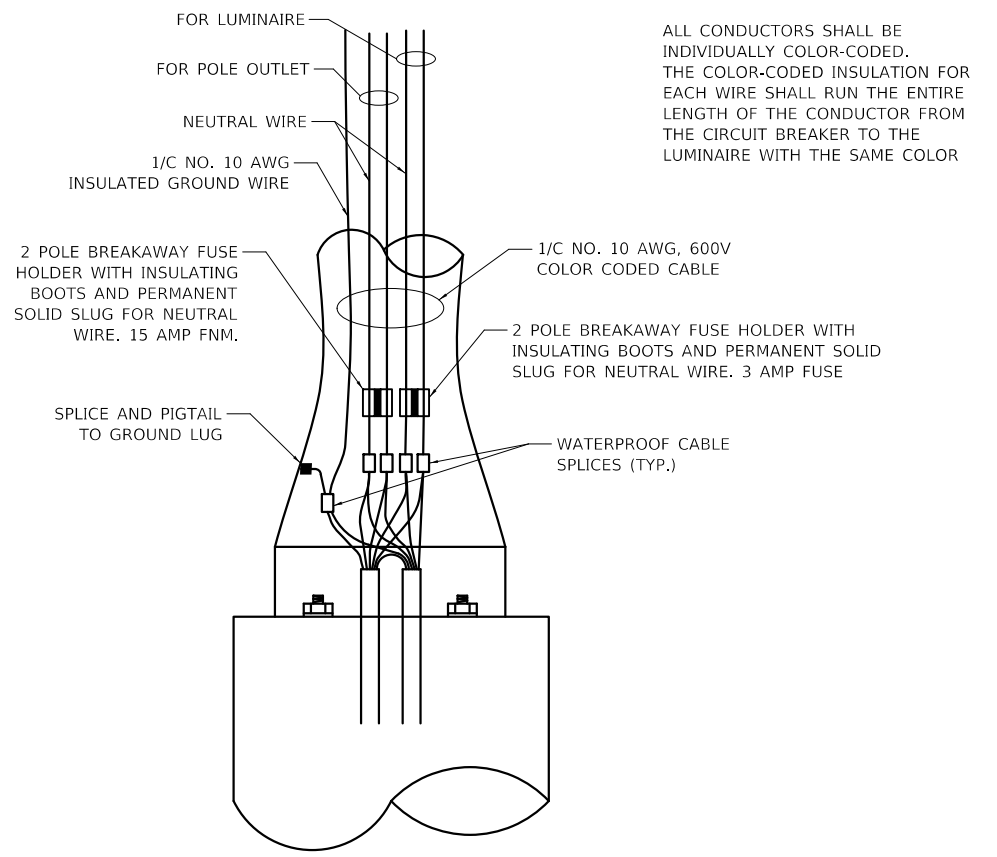
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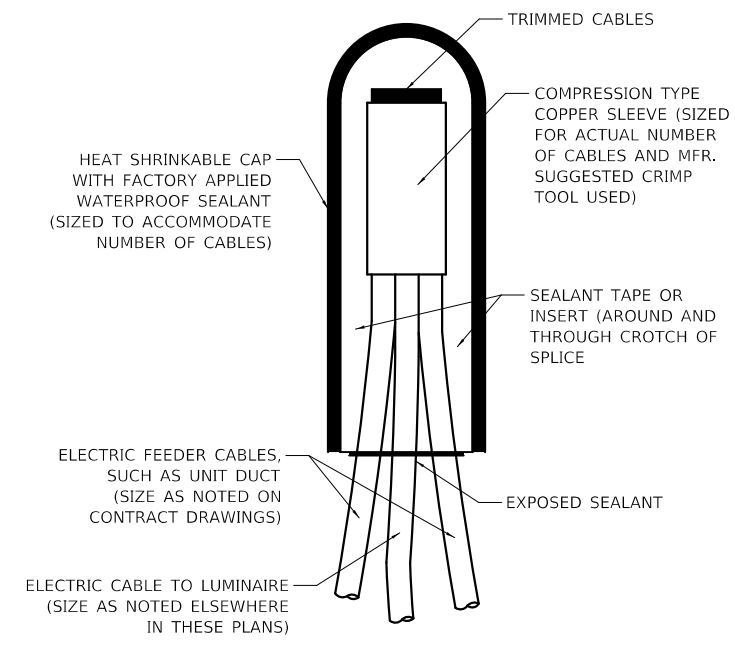
DO NOT SCALE

valmont Valmont Industries, Inc. Structures Division 20805 Eaton Ave Farmington, Minnesota 55024-7932 Phone: (651) 463-8990 (800) 899-7577 Fax: (651) 463-3349	TITLE: S ANCHOR BASE FLUTED ALUMINUM POLES	QTY: 19
	MODEL NO.: MATERIAL: ALUMINUM ALLOY FINISH: POWDER PAINT DBL BLACK/ANODIZED PROJECT: ELMHURST	OWN BY: PVB CHK'D BY:
CONFIDENTIAL The information contained in this drawing is privileged and confidential, and may be protected from disclosure. Please be aware that any use or dissemination of this drawing may be subject to legal restriction or sanction.	REV DATE REVISION DESCRIPTION BY	DWG NO: A434533D
	11-27-23 REVISED EPA NOTE PVB 03-29-21 REVISE QUANTITY FROM 6,RMV PO HJT 03-10-21 REVISED POLE RATING PTP	DATE: 06-19-20 PAGE:



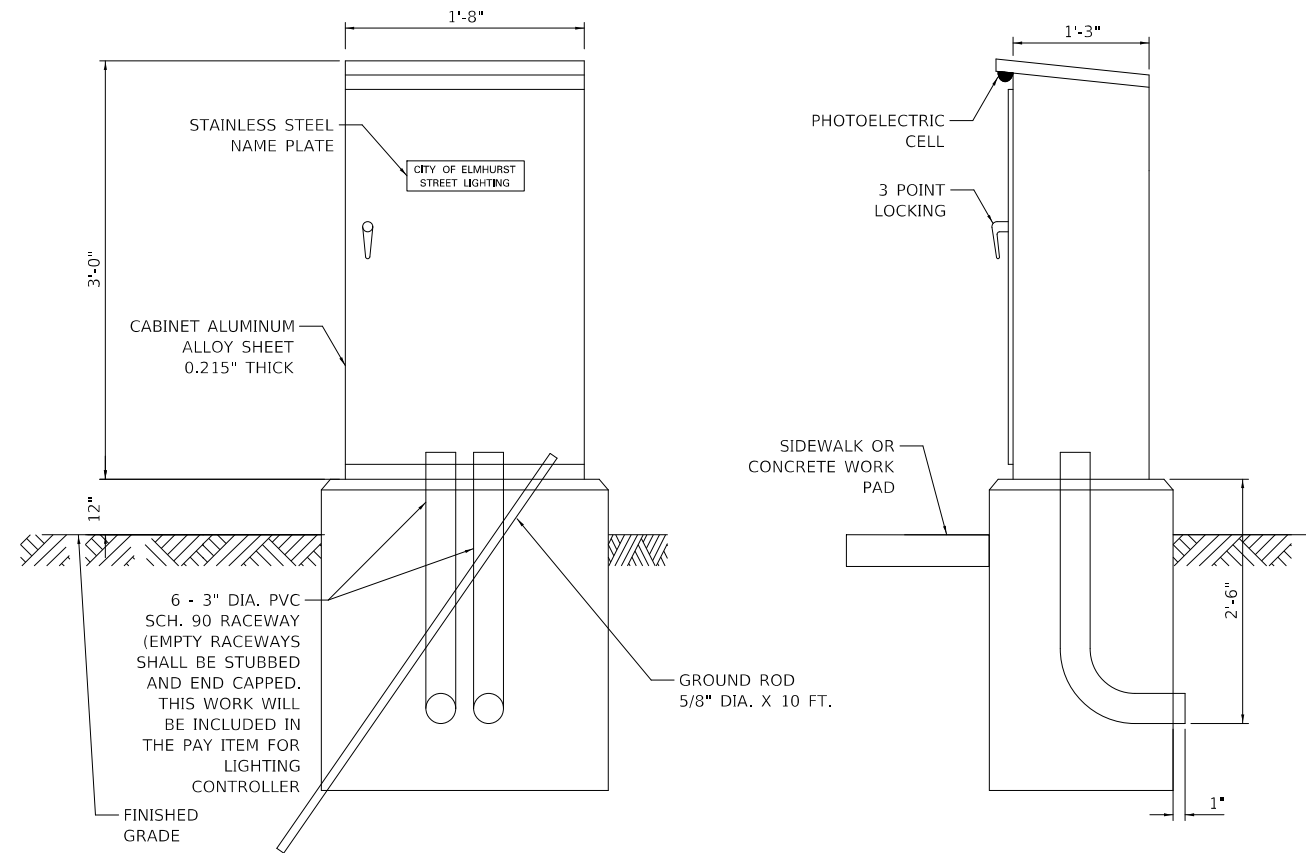
ALL CONDUCTORS SHALL BE INDIVIDUALLY COLOR-CODED. THE COLOR-CODED INSULATION FOR EACH WIRE SHALL RUN THE ENTIRE LENGTH OF THE CONDUCTOR FROM THE CIRCUIT BREAKER TO THE LUMINAIRE WITH THE SAME COLOR

POLE HANDHOLE WIRING DIAGRAM



NOTE: NUMBER OF CABLES IN SPLICE MAY VARY
 SPLICING ELECTRIC CABLES BASIC MATERIALS AND METHODS

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CONTROL CABINET - CONSOLE TYPE

LIGHTING CONTROLLER COMPONENT SCHEDULE

ITEM	SPECIFICATION OR EQUAL
① MAIN CIRCUIT BREAKER	100 AMPERE, 2 POLE, 240 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 25,000 RMS SYMMETRICAL AMPS AT 600V
② OUTLET CIRCUIT BREAKER	20 AMPERE, 1 POLE, 120 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 14,000 RMS SYMMETRICAL AMPS AT 277V
③ PHOTOELECTRIC CELL CONTROL CIRCUIT BREAKER	15 AMPERE, 1 POLE, 120 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 14,000 RMS SYMMETRICAL AMPS AT 277V
④ AUXILIARY RELAY	120 VOLT SPST 60 HZ COIL
⑤ FOUR POINT TERMINAL BLOCK	600 VOLT
⑥ LAMPHOLDER	120 VOLT SWITCHED LAMPHOLDER
⑦ REMOTE CONTROL SWITCH - CONTACTOR	100 AMP 2 POLE, 240 VOLT RATING, 120V COIL. ELECTRICALLY OPERATED, MECHANICALLY HELD.
⑧ BRANCH LINE CIRCUIT BREAKERS	CKT. A - D (LUMINAIRE) = 30 AMP, 1 POLE, 120 VOLT CKT. 1 - 2 (OUTLET) = 30 AMP, 1 POLE, 120 VOLT ALL CIRCUITS SHALL BE INTERRUPTING CAPACITY NOT LESS THAN 10,000 RMS SYMMETRICAL AMPS AT 277V
⑨ PHOTOELECTRIC CELL CONTROL WIRE	3-600V XLP NO. 10
⑩ SERVICE DISCONNECT CABLES	600V (XLP-TYPE USE) 3-1/C NO. 2 AND 1/C NO. 2 GROUND
⑪ CONTROL WIRE	2-600V XLP NO. 10
⑫ HAND-AUTO-OFF CONTROL SWITCH	10 AMPERE, 3 POLE, 120 VOLT.
⑬ LIGHTING ARRESTOR	BRACKET MOUNTED SURGE ARRESTOR FOR 120/240V 3W SERVICE
⑭ PHOTOELECTRIC CELL	120 SECONDS OFF TIME DELAY, 120V
⑮ MICRO SWITCH	MOUNT WITH ACTUATOR TO SWITCH WHEN DOOR IS OPEN
⑯ FUSE	20 AMP, 120 VOLT
⑰ OUTLET	120 VOLT SWITCHED LAMPHOLDER AND 20 AMP GFI DUPLEX RECEPTACLE. WEATHERPROOF SINGLE GANG CAST ALUMINUM BOX AND WEATHERPROOF COVER.
⑱ TIME CLOCK	ASTRONOMICAL TIME CLOCK
⑲ TIME CLOCK CONTROL CIRCUIT BREAKER	15 AMPERE, 1 POLE, 120 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 14,000 RMS SYMMETRICAL AMPS AT 277V

NOTES FOR CONTROL CABINET:

THE CABINET SHALL BE FABRICATED FROM 0.125" THICK ALUMINUM ALLOY SHEET AND SHALL BE REINFORCED WITH ALUMINUM ANGLES. THE CABINET DOOR SHALL BE NEMA TYPE 3 CONSTRUCTION WITH NEOPRENE GASKET. THE DOOR SHALL HAVE STAINLESS STEEL HINGES AND THREE POINT LOCKING SYSTEM.

CONTROL WIRING SHALL BE NO. 12 AWG., 600V, TYPE 'SIS' GRAY SWITCHBOARD WIRE, STRANDED COPPER.

THE HEADS OF CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BUS CONNECTION AND GREEN FOR GROUND BUS CONNECTORS.

PROVIDE SEALING GROMMETS FOR ALL WIRING EXTENDING FROM DEVICE ENCLOSURES.

ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL 'ENCLOSED INDUSTRIAL CONTROL PANEL'.

PROVIDE A HOLDER AND WATERPROOF POUCH ON THE INNER SIDE OF THE CONTROLLER DOOR. FURNISH THE APPROVED COPY OF 'CONTROL CABINET WIRING DIAGRAM'.

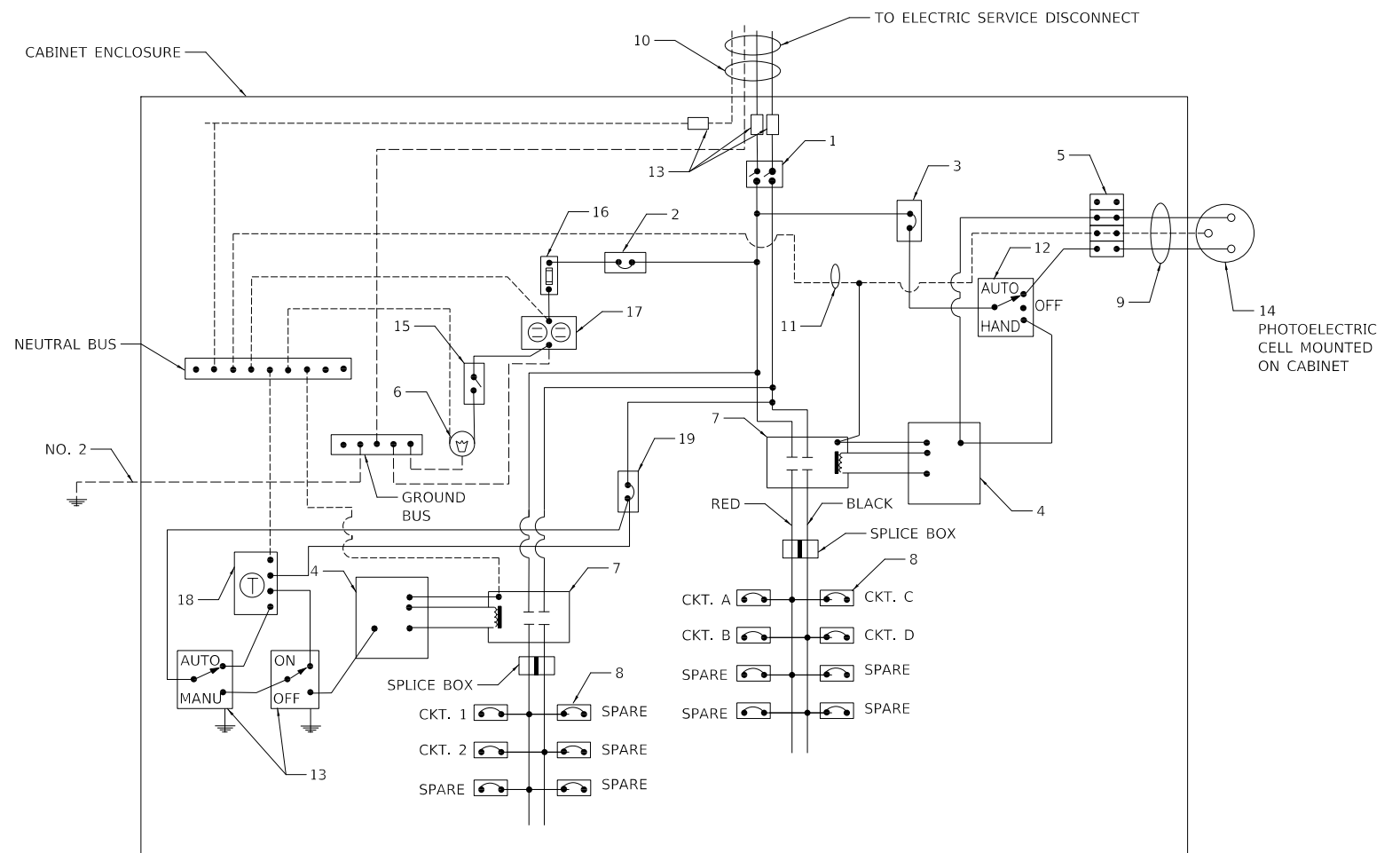
A CONCRETE PAD 36" X 60" X 4" MINIMUM SIZE SHALL BE PLACED IN FRONT OF CONTROLLER CABINET DOOR WHEN THERE IS NO SIDEWALK. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.

CONTROLLER CABINET PAINTING NOTE:

THE CABINET SHALL BE PRIMED AND PAINTED BLACK. A SAMPLE SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE COST OF PAINTING THE CABINET SHALL BE INCLUDED IN THE COSTS OF MATERIAL AND INSTALLATION OF STREET LIGHTING CONTROLLER.

CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY.

PROVIDE A RED WARNING NAMEPLATE IN THE CONTROLLER NEAR THE MAIN BREAKER INDICATING "LIVE CIRCUITS EVEN WHEN MAIN BREAKER IS IN OFF POSITION".

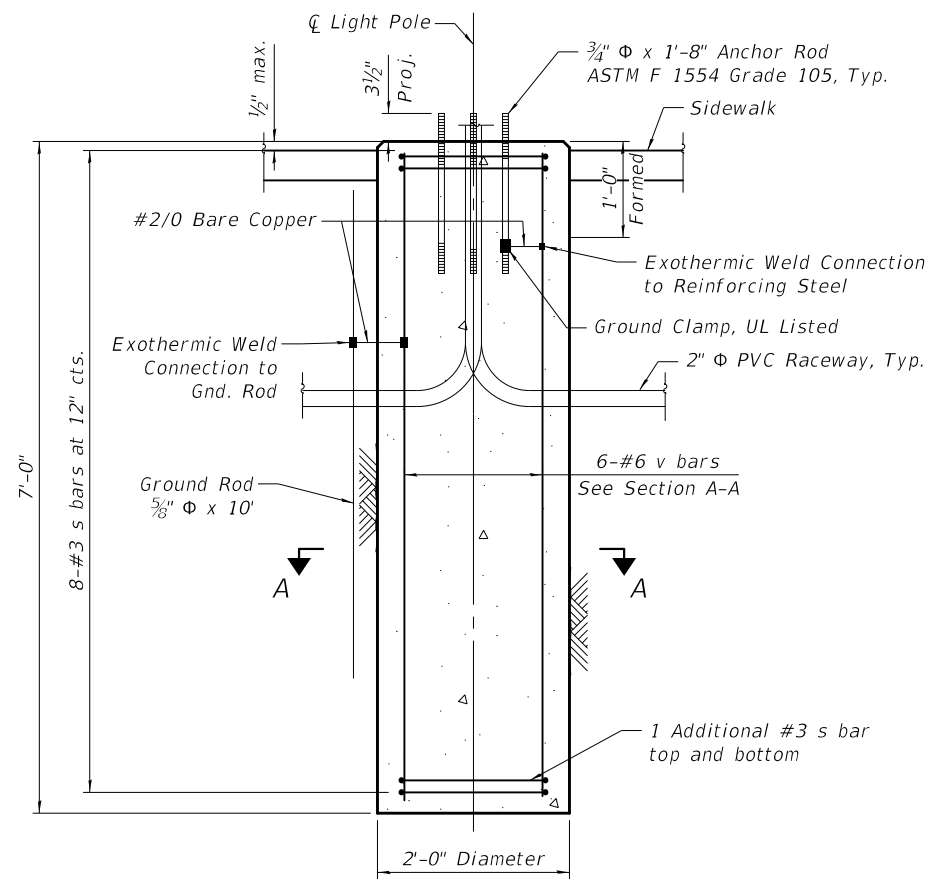


PANEL WIRING DIAGRAM

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PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
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PROFILE	
NOTE BOOK	

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NOTE BOOK	
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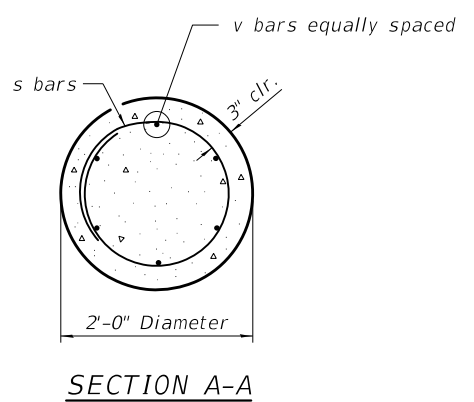
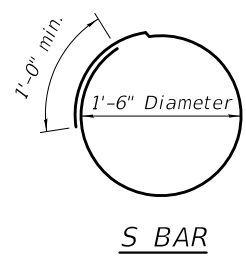
LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL

LIGHT POLE FOUNDATION, 24" DIAMETER

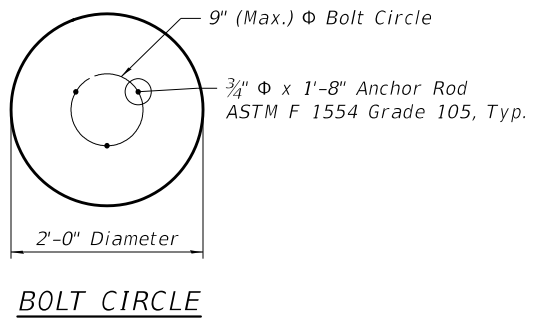
BAR SCHEDULE

(For Information Only, Per Foundation)

Bar	No.	Size	Length	Shape
s	10	#3	5'-9"	○
v	6	#6	6'-8"	—
Concrete		Cu. Yd.	0.9	
Reinforcement Bars		Pound	90	



SECTION A-A



BOLT CIRCLE

Notes:

1. These foundations are designed for sites which have cohesive soils (clayey silt, sandy clay, etc) along the length of the shaft with an average unconfined compressive strength (Q_u) > 0.75 TSF. The strength and classification of the soil shall be determined by the Engineer during foundation drilling.
2. The anchors shall be a tack weld type bolt or hook type bolt and shall meet the Light Pole Manufacturer's requirements. Cold bending of the hook bolt will not be allowed.
3. The anchor bolts and raceways shall be properly secured in place before the concrete is placed in the form.
4. The entire length of the anchor bolts as well as the nuts and washers shall be hot dip galvanized in accordance with the requirements of ASTM designation A153.
5. Concrete shall be class "SI". Concrete foundation must be cured for (10) ten days before the light standard is erected.
6. The contractor shall coordinate the extension, size and material of anchor bolts above top of foundation with the Light Pole Manufacturer's requirements. Anchor bolts shall be approved by the Engineer prior to ordering the material.
7. Raceways shall extend above the top of the foundation in accordance with the Light Pole Manufacturer's requirements.
8. All exposed edges shall a 3/4" chamfer.
9. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.

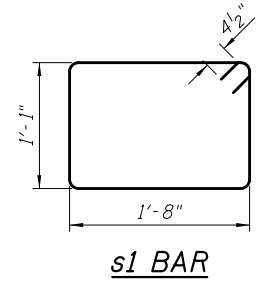
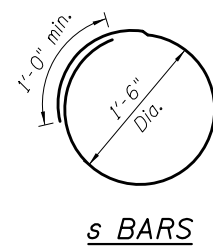
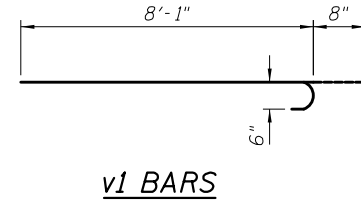
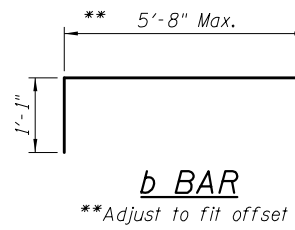
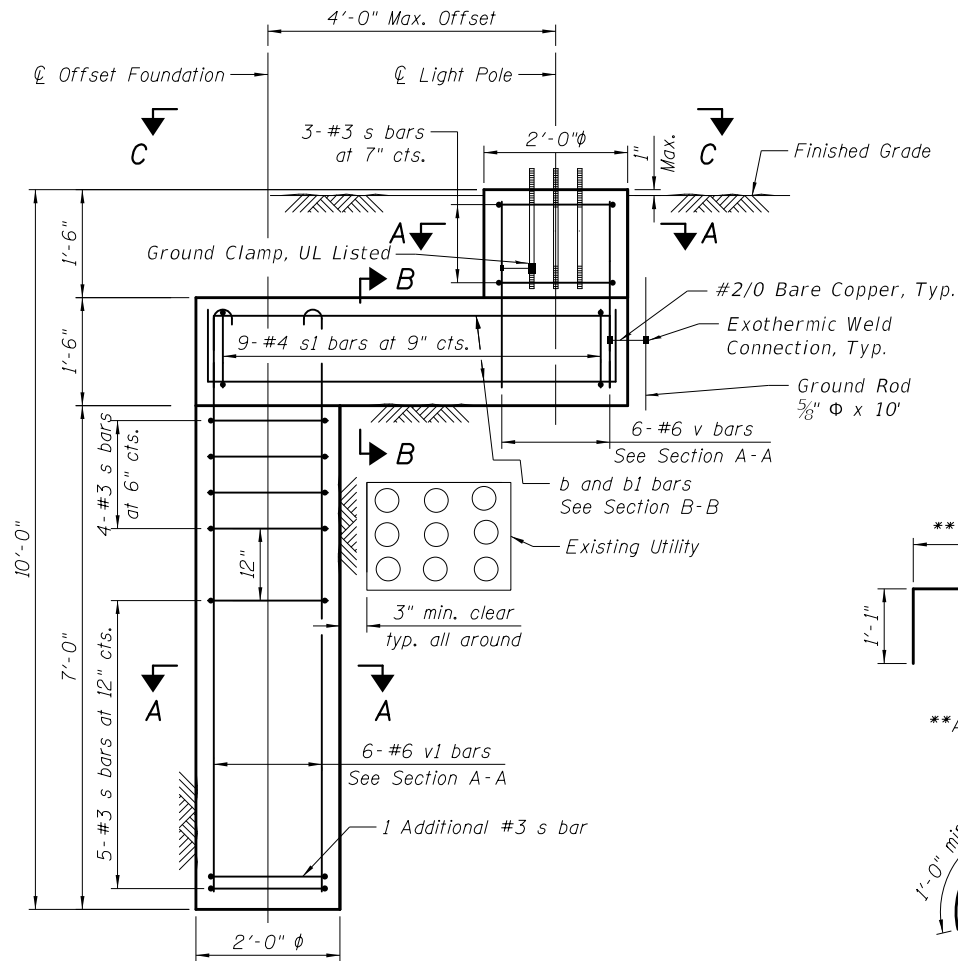
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LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET
BAR SCHEDULE

(For Information Only)

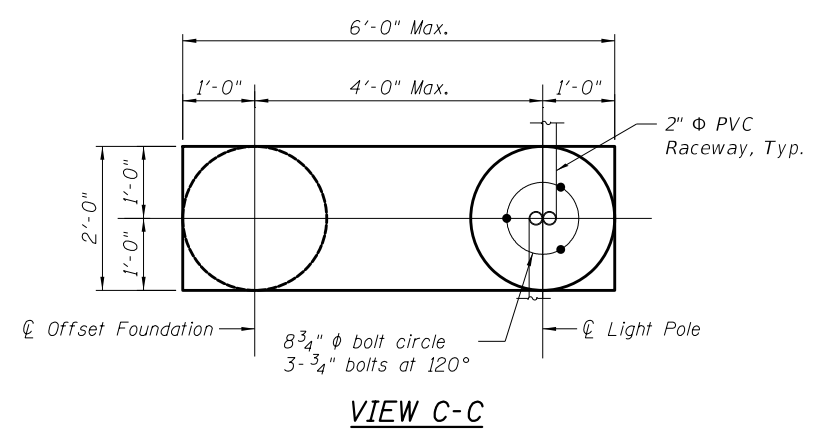
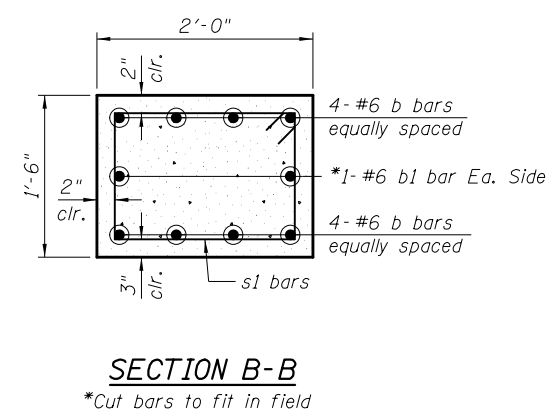
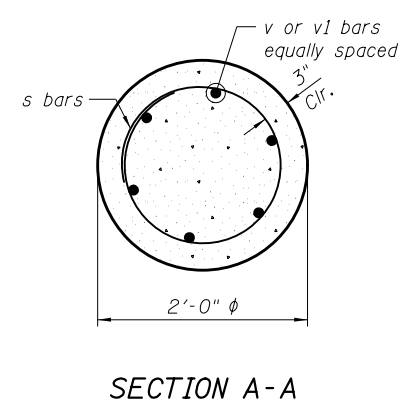
Bar	No.	Size	Length	Shape
b	8	#6	7'-10"	⊔
b1	2	#6	5'-8"	—
s	13	#3	5'-9"	○
s1	9	#4	6'-3"	⊔
v	6	#6	2'-7"	—
v1	6	#6	8'-9"	—
Concrete Structures			Cu. Yd.	1.7
Reinforcement Bars			Pound	280



LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET

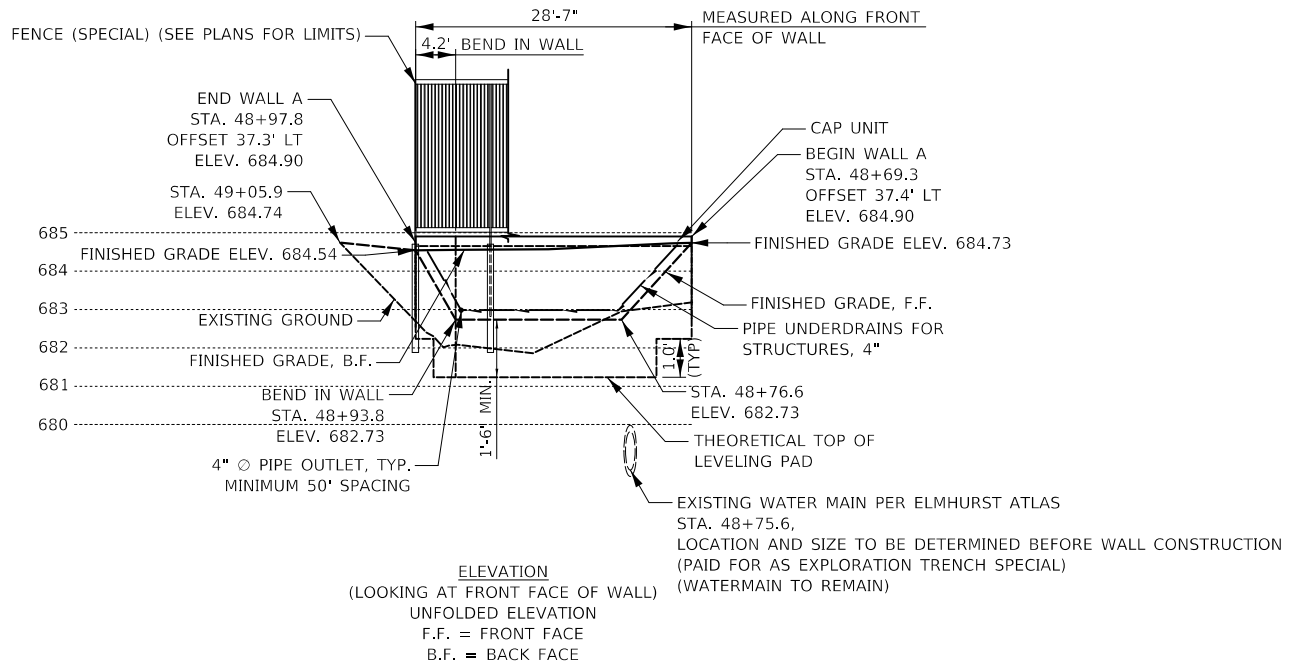
Notes:

- The offset foundation is designed for sites which have cohesive soils (clayey silt, sandy clay, etc) along the length of the shaft with an average unconfined compressive strength (Qu) > 0.75 TSF. The strength and classification of the soil shall be determined by the Engineer during foundation drilling.
- Excavation of the pole foundation shall be made with an auger, 18" in diameter.
- 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 bolts and raceways shall be properly secured in place before the concrete is placed in the form.
- The entire length of the anchor bolts as well as the nuts and washers shall be hot dip galvanized in accordance with the requirements of ASTM designation A 153.
- The contractor shall coordinate extension of anchor bolts above top of foundation with the breakaway device manufacturer's requirements.
- Raceways shall project 1" above the top of foundation.
- The cable trench shall be backfilled and firmly compacted before the light is erected.
- Concrete shall be class "SI". Concrete foundation must be cured for (10) ten days before the light standard is erected.
- All exposed edges shall have a 3/4" chamfer.
- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.



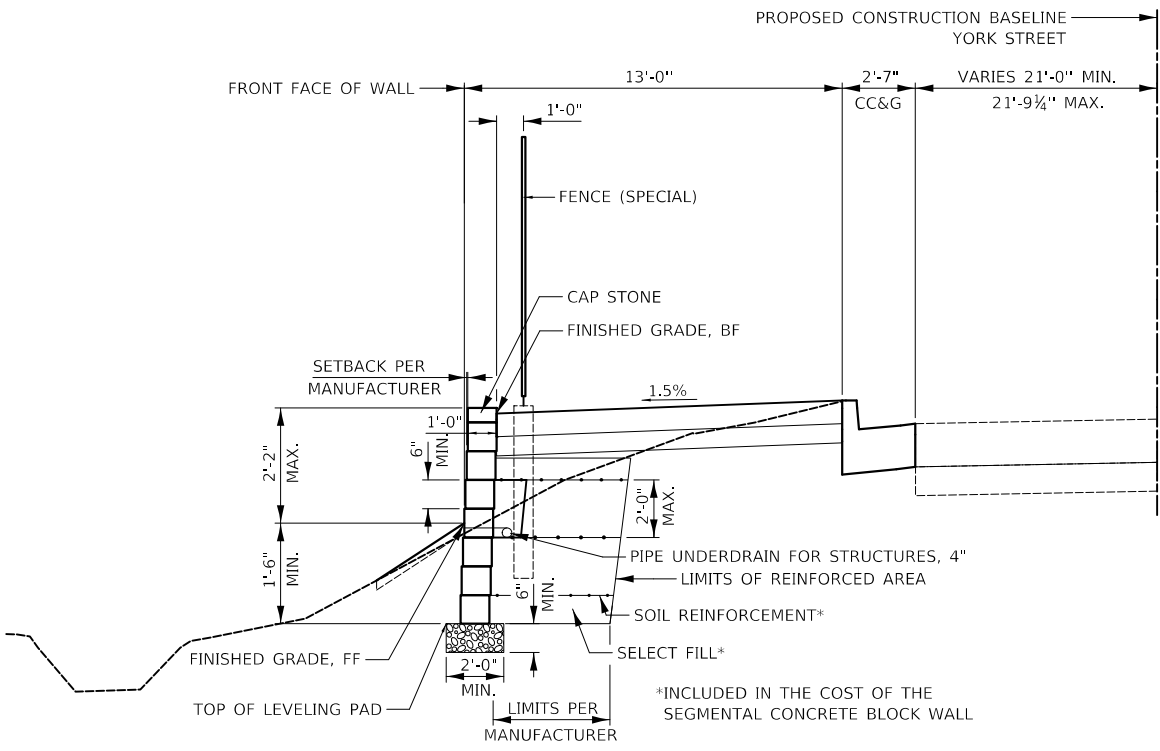
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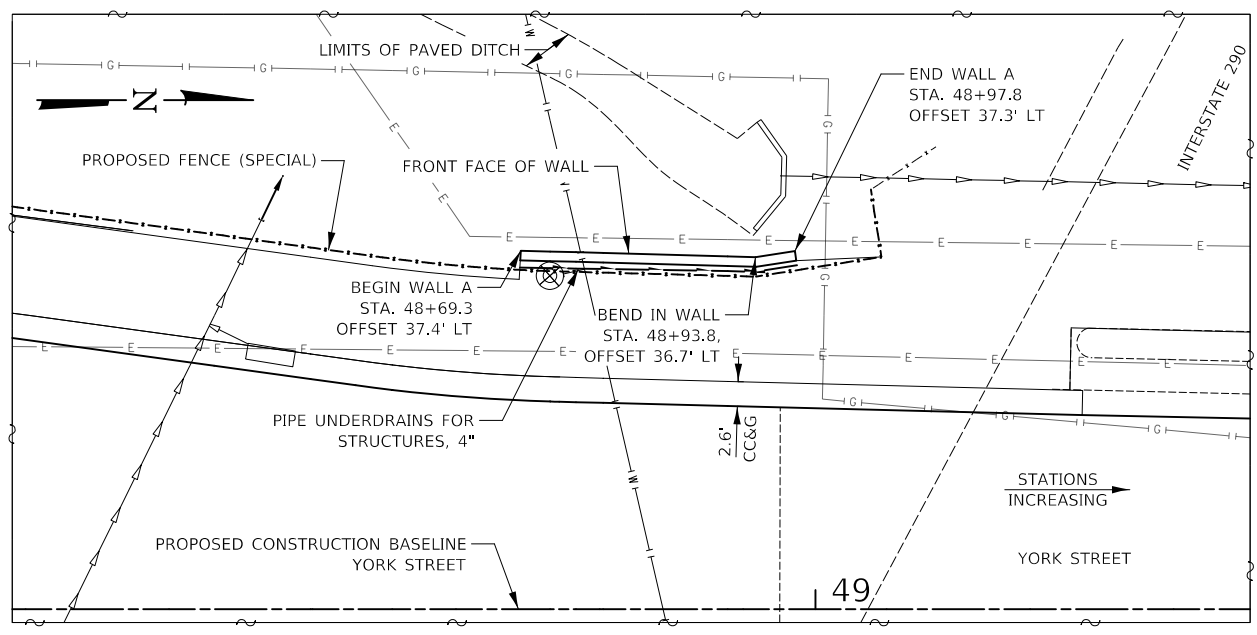
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
SEGMENTAL CONCRETE BLOCK WALL	SQ. FT.	100
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	32
FENCE (SPECIAL)	FOOT	29



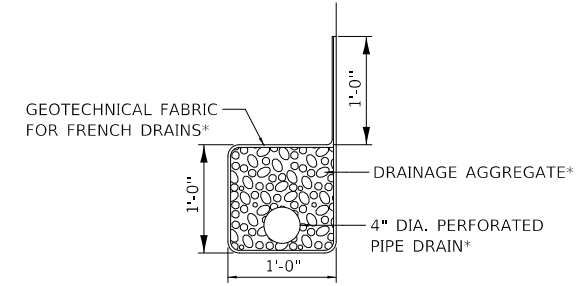
TYPICAL WALL CROSS SECTION

- GENERAL NOTES
- DESIGN AND INSTALLATION OF SEGMENTAL CONCRETE BLOCK WALL (INCLUDING NEED FOR SOIL REINFORCEMENT) TO BE IN ACCORDANCE WITH WALL SYSTEM MANUFACTURER DESIGN REQUIREMENTS AND SPECIFICATIONS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022.
 - EXCAVATION, LEVELING PAD, SELECT FILL, SOIL REINFORCEMENT, AND DESIGN ARE INCLUDED IN THE COST OF SEGMENTAL CONCRETE BLOCK WALL.
 - CYLINDRICAL FORMS FOR FENCE (SPECIAL) POSTS MUST BE PLACED AS RETAINING WALL IS CONSTRUCTED. FENCE (SPECIAL) DETAIL ON SHEET 82
 - SOIL REINFORCEMENT TO BE CUT PERPENDICULAR TO WALL FACE AT CENTERLINE OF HANDRAIL FOUNDATIONS.
 - MINIMUM REQUIRED ALLOWABLE BEARING PRESSURE = 1,500 PSF.



PLAN STATIONS AND OFFSETS TAKEN AT FRONT FACE OF WALL

- LEGEND
- S — EXISTING STORM SEWER
 - G — EXISTING GASLINE
 - E — EXISTING UNDERGROUND ELECTRIC
 - W — EXISTING WATERMAIN
 - P — PROPOSED STORM SEWER



PIPE UNDERDRAIN DETAIL
* INCLUDED IN THE COST OF PIPE UNDERDRAINS FOR STRUCTURES 4"

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - JRR
DRAWN - JRR
CHECKED - KRK
DATE - 10/30/2024

REVISED -
REVISED -
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REVISED -

CITY OF ELMHURST

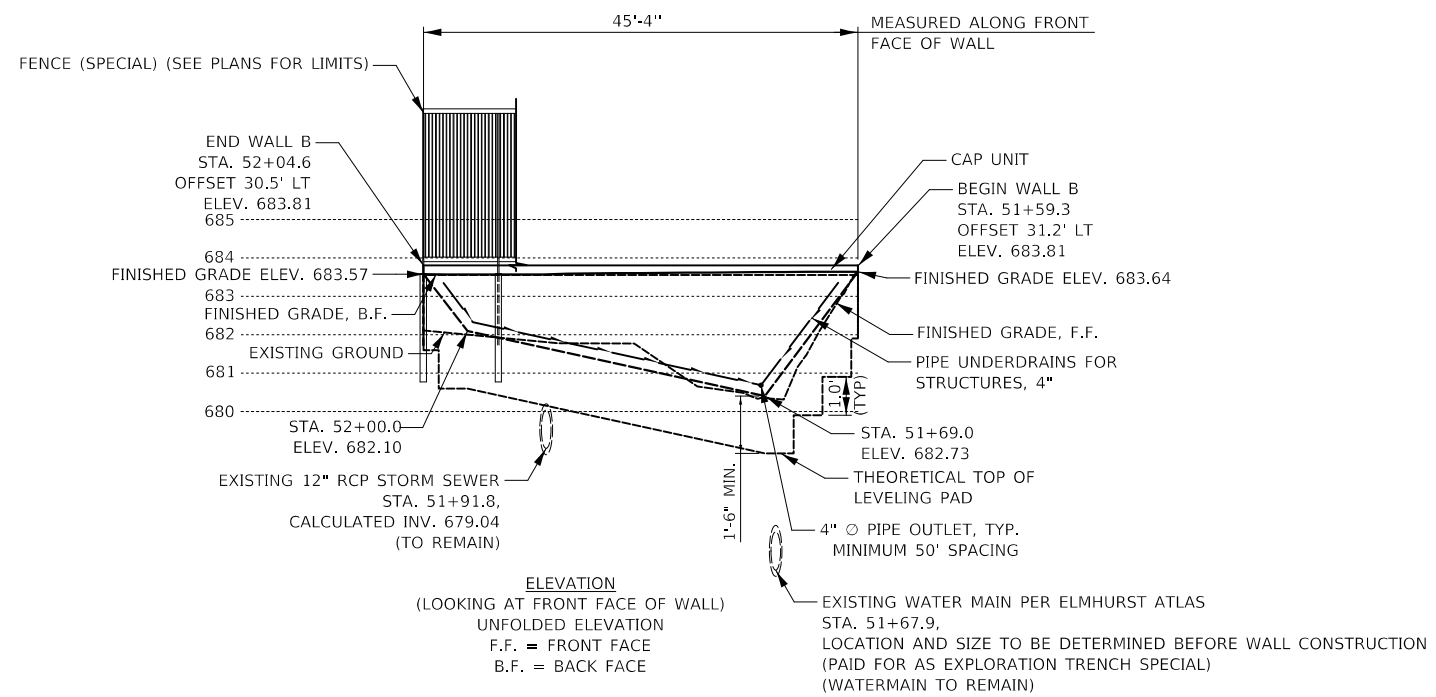
**NORTH YORK STREET SIDEWALK IMPROVEMENT
GENERAL PLAN AND ELEVATION
SEGMENTAL BLOCK WALL A**

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	73
CONTRACT NO. 61K01				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE	
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PLAN	
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ALIGNED	
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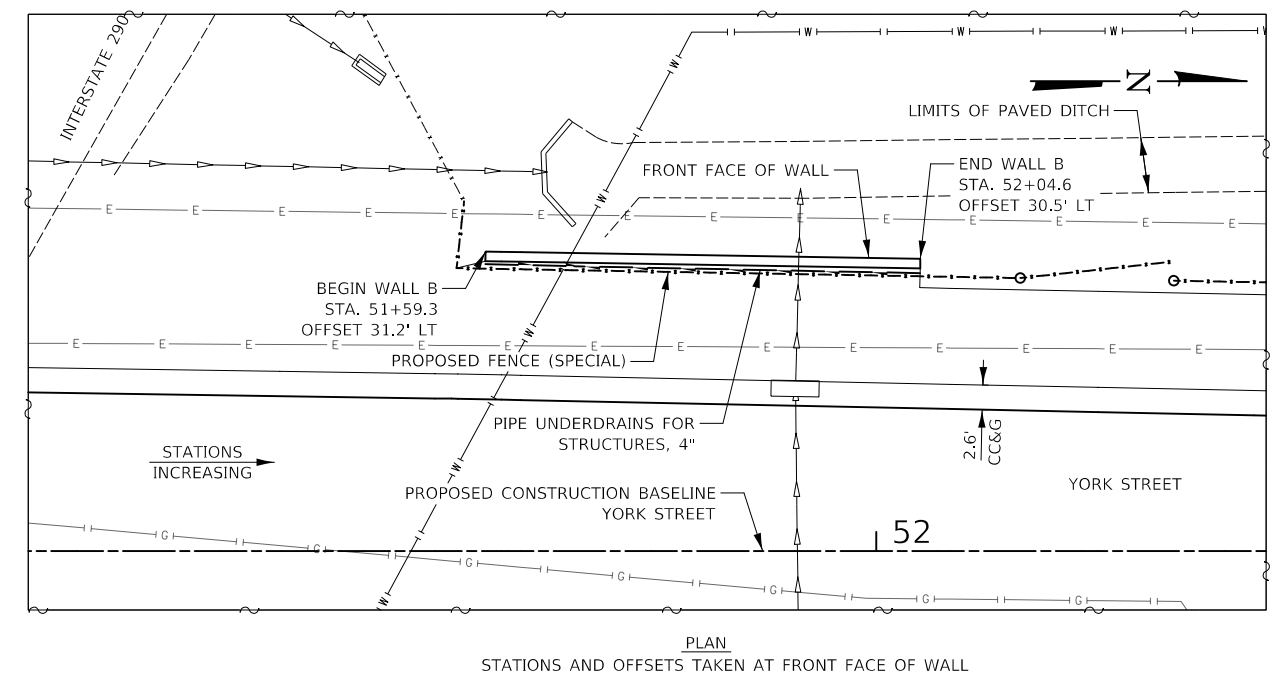
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PROFILE	
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GRADES	
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ELEVATION
(LOOKING AT FRONT FACE OF WALL)
UNFOLDED ELEVATION
F.F. = FRONT FACE
B.F. = BACK FACE

GENERAL NOTES

- DESIGN AND INSTALLATION OF SEGMENTAL CONCRETE BLOCK WALL (INCLUDING NEED FOR SOIL REINFORCEMENT) TO BE IN ACCORDANCE WITH WALL SYSTEM MANUFACTURER DESIGN REQUIREMENTS AND SPECIFICATIONS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022.
- EXCAVATION, LEVELING PAD, SELECT FILL, SOIL REINFORCEMENT, AND DESIGN ARE INCLUDED IN THE COST OF SEGMENTAL CONCRETE BLOCK WALL.
- CYLINDRICAL FORMS FOR FENCE (SPECIAL) POSTS MUST BE PLACED AS RETAINING WALL IS CONSTRUCTED. FENCE (SPECIAL) DETAIL ON SHEET 82
- SOIL REINFORCEMENT TO BE CUT PERPENDICULAR TO WALL FACE AT CENTERLINE OF HANDRAIL FOUNDATIONS.
- MINIMUM REQUIRED ALLOWABLE BEARING PRESSURE = 1,500 PSF.



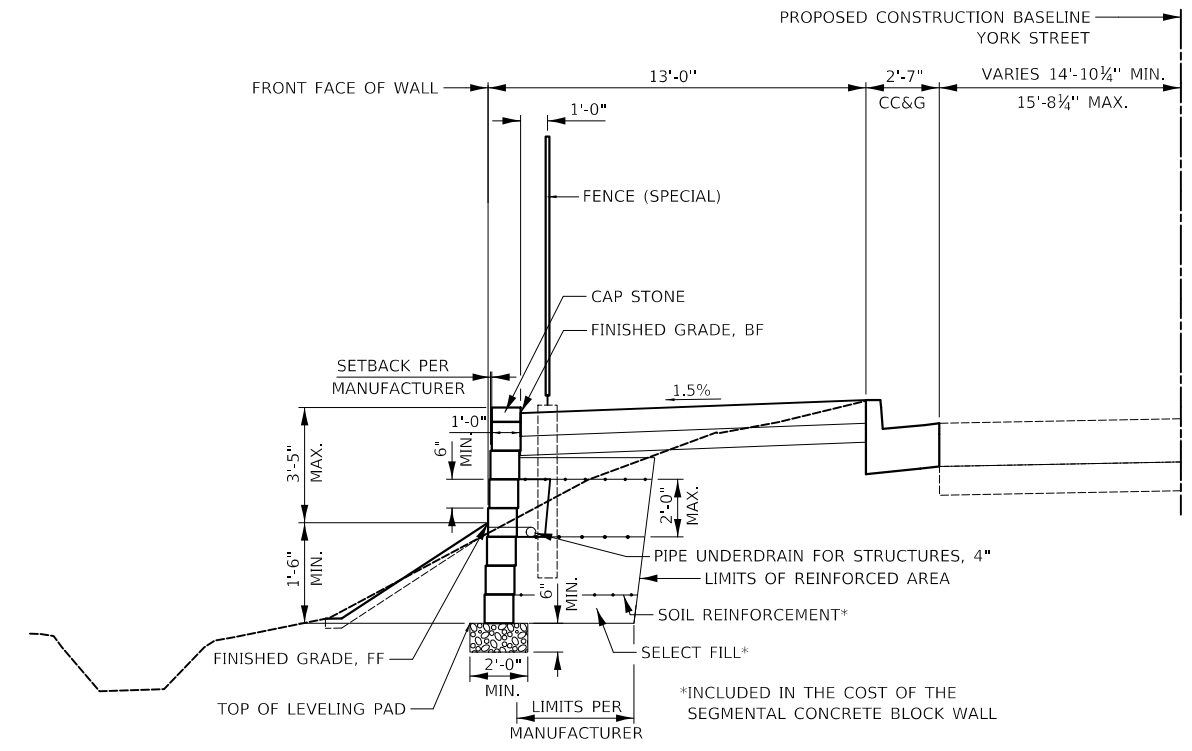
PLAN
STATIONS AND OFFSETS TAKEN AT FRONT FACE OF WALL

LEGEND

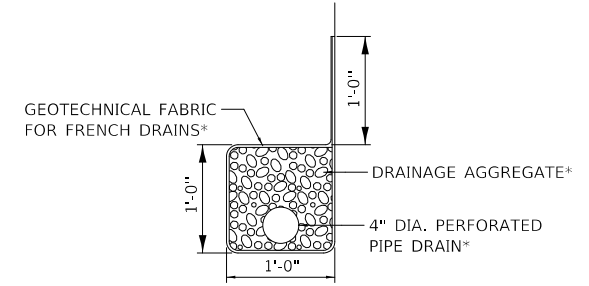
—S—	EXISTING STORM SEWER
—G—	EXISTING GASLINE
—E—	EXISTING UNDERGROUND ELECTRIC
—W—	EXISTING WATERMAIN

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
SEGMENTAL CONCRETE BLOCK WALL	SQ. FT.	175
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	49
FENCE (SPECIAL)	FOOT	45



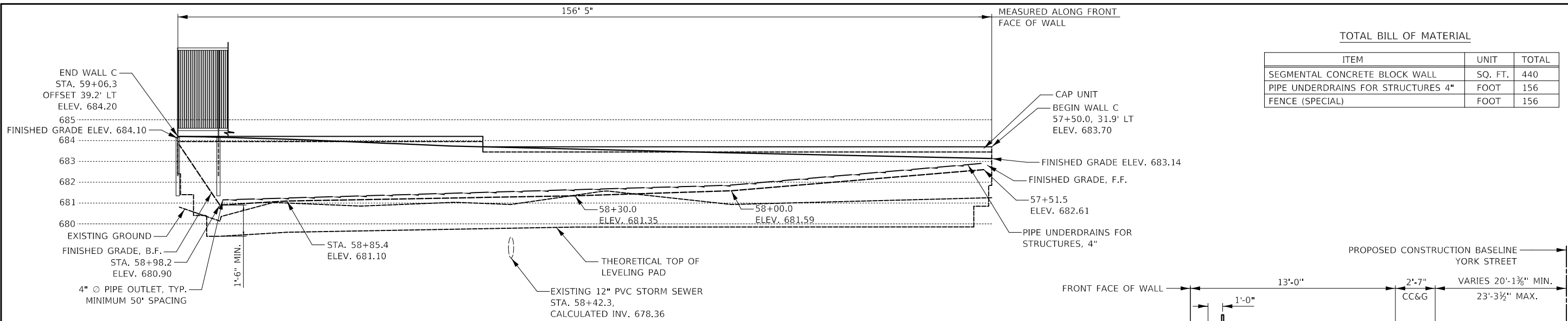
TYPICAL WALL CROSS SECTION



PIPE UNDERDRAIN DETAIL
* INCLUDED IN THE COST OF PIPE UNDERDRAINS FOR STRUCTURES 4"

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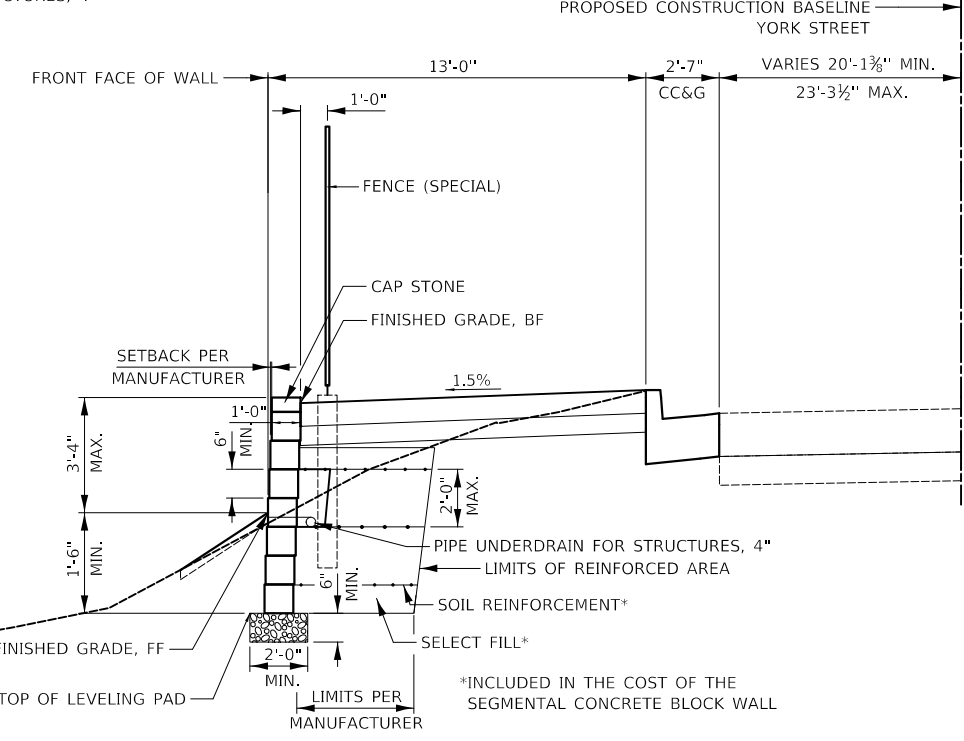
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
SEGMENTAL CONCRETE BLOCK WALL	SQ. FT.	440
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	156
FENCE (SPECIAL)	FOOT	156

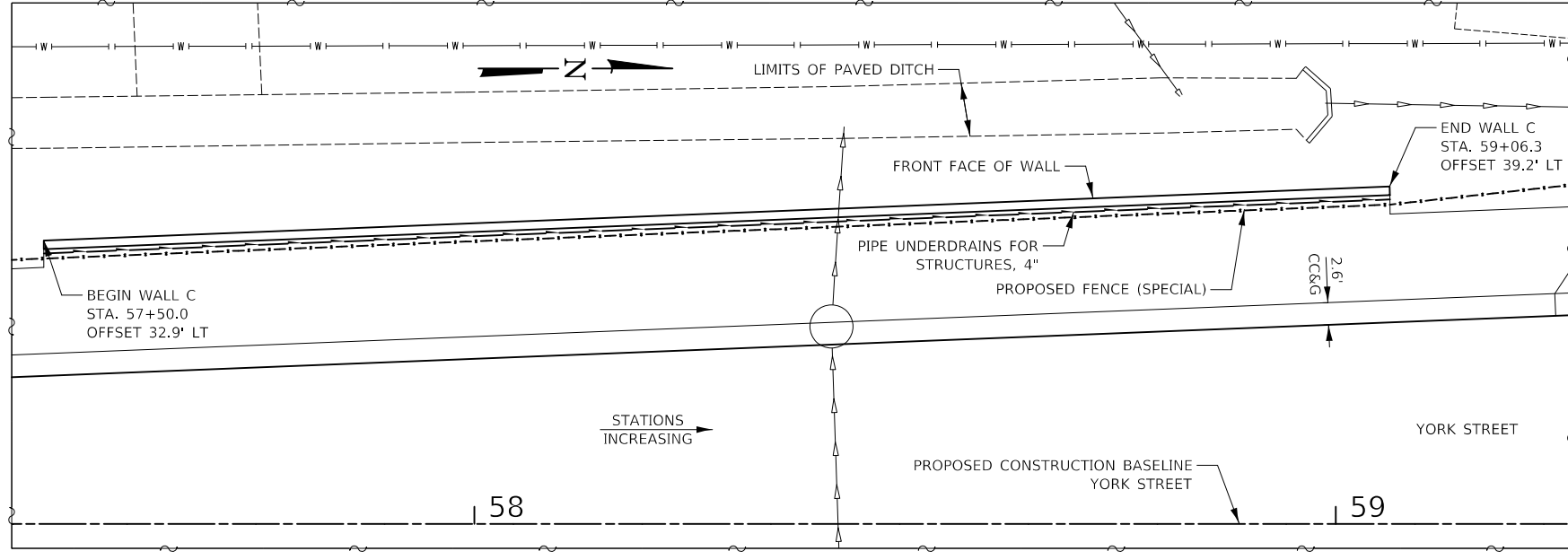
ELEVATION
(LOOKING AT FRONT FACE OF WALL)
UNFOLDED ELEVATION
F.F. = FRONT FACE
B.F. = BACK FACE

GENERAL NOTES

- DESIGN AND INSTALLATION OF SEGMENTAL CONCRETE BLOCK WALL (INCLUDING NEED FOR SOIL REINFORCEMENT) TO BE IN ACCORDANCE WITH WALL SYSTEM MANUFACTURER DESIGN REQUIREMENTS AND SPECIFICATIONS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022.
- EXCAVATION, LEVELING PAD, SELECT FILL, SOIL REINFORCEMENT, AND DESIGN ARE INCLUDED IN THE COST OF SEGMENTAL CONCRETE BLOCK WALL.
- CYLINDRICAL FORMS FOR FENCE (SPECIAL) POSTS MUST BE PLACED AS RETAINING WALL IS CONSTRUCTED. FENCE (SPECIAL) DETAIL ON SHEET82
- SOIL REINFORCEMENT TO BE CUT PERPENDICULAR TO WALL FACE AT CENTERLINE OF HANDRAIL FOUNDATIONS.
- MINIMUM REQUIRED ALLOWABLE BEARING PRESSURE = 1,500 PSF.



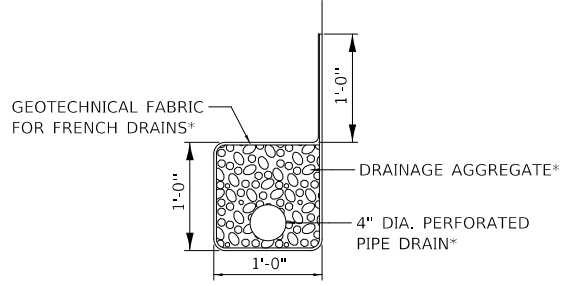
TYPICAL WALL CROSS SECTION



PLAN
STATIONS AND OFFSETS TAKEN AT FRONT FACE OF WALL

LEGEND

---	EXISTING STORM SEWER
---	EXISTING GASLINE
---	EXISTING UNDERGROUND ELECTRIC
---	EXISTING WATERMAIN



PIPE UNDERDRAIN DETAIL
* INCLUDED IN THE COST OF PIPE UNDERDRAINS FOR STRUCTURES 4"

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - JRR	REVISED -
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
GENERAL PLAN AND ELEVATION
SEGMENTAL BLOCK WALL C**

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	75
CONTRACT NO. 61K01				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

Existing Structure: SN 022-0005 is a four-span continuous, non-composite plate girder bridge with a 7-inch reinforced concrete deck and a 2-inch concrete overlay. The original structure was built in 1962. In 1985, the structure was widened, patched and overlaid; the approaches were constructed; the abutment bearings were replaced; and the expansion joints were reconstructed. In 1998, diaphragms were replaced at the abutments; the expansion joints were reconstructed; and patching was performed on the approaches and abutments. In 2002, the bridge was painted.

Benchmark: Box Cut (Set) in southeast corner of concrete of first electric vault north of I-290 Bridge over York Road. NAVD 1988, Elevation 682.94, Sta. 53+30.25, Offset 21.4' LT.

DESIGN SPECIFICATIONS
2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

CIVILTECH ENGINEERING, INC.
GREGORY J. HATLESTAD, S.E.



GREGORY J. HATLESTAD, S.E.
081-005562

EXP 11/30/2024

DATE 11/27/2023

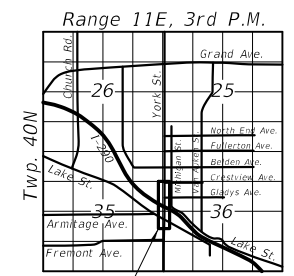
I certify that to the best of knowledge, information, and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO LRFD Bridge Design Specifications for Highway Bridges.

INDEX OF SHEETS

- S-1 General Plan and Elevation
- S-2 General Data
- S-3 Retaining Wall Elevation I
- S-4 Retaining Wall Elevation II
- S-5 Soil Boring Logs I
- S-6 Soil Boring Logs II

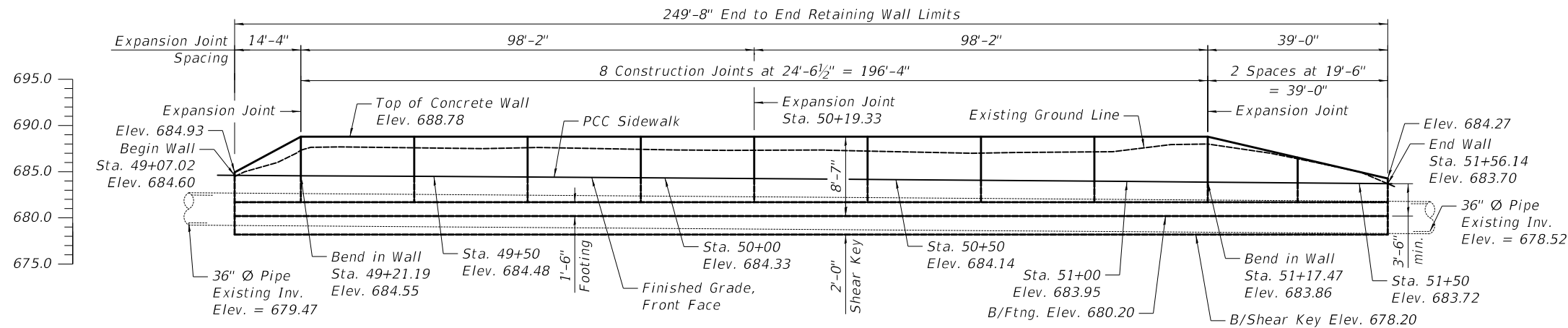
LEGEND

- Existing Storm Sewer
- Existing Fence
- Existing Gas Line
- Existing Watermain
- Existing Underground Electric
- Existing Fiber Optic
- Proposed Fence



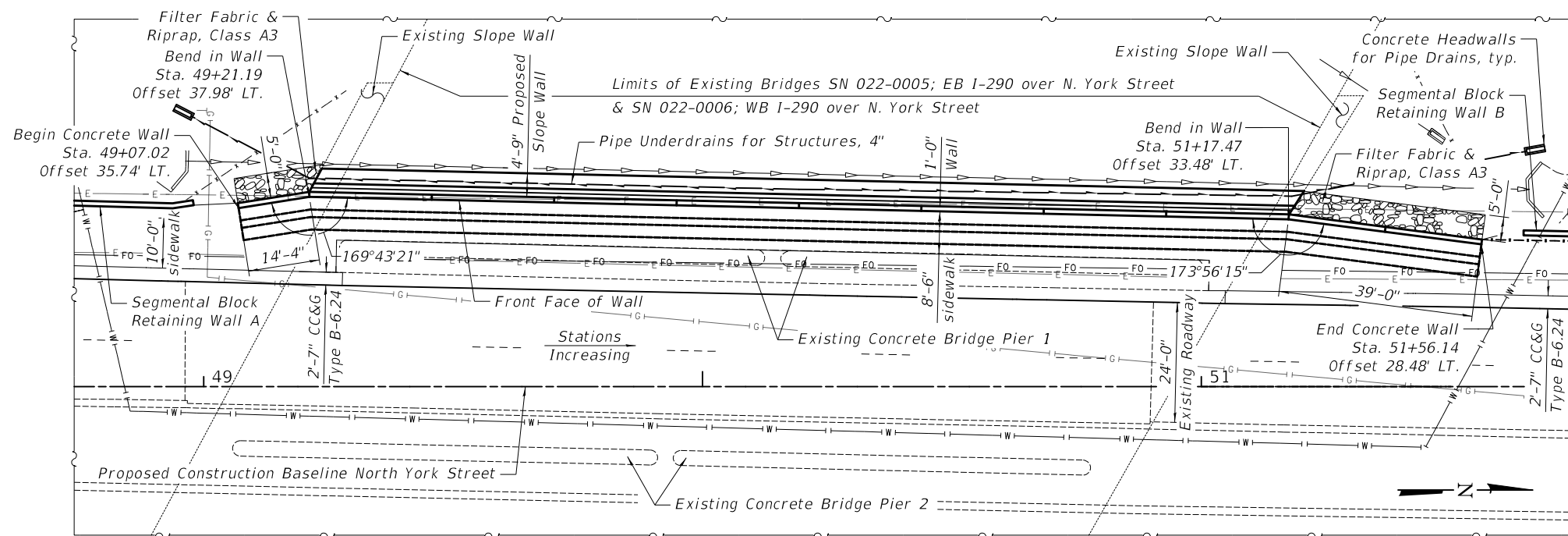
Project Location
LOCATION SKETCH

GENERAL PLAN AND ELEVATION
NORTH YORK ST. RETAINING WALL
SN 022-0005; EB I-290 OVER N. YORK ST.
SN 022-0006; WB I-290 OVER N. YORK ST.
DUPAGE COUNTY
STA. 49+07.02 TO STA. 51+56.14



ELEVATION

Looking at Front Face of Retaining Wall
Unfolded Elevation



PLAN

Offsets are measured to Front Face of Retaining Wall.

JIT FILE NAME: ...16-Structures01_GPE.dgn

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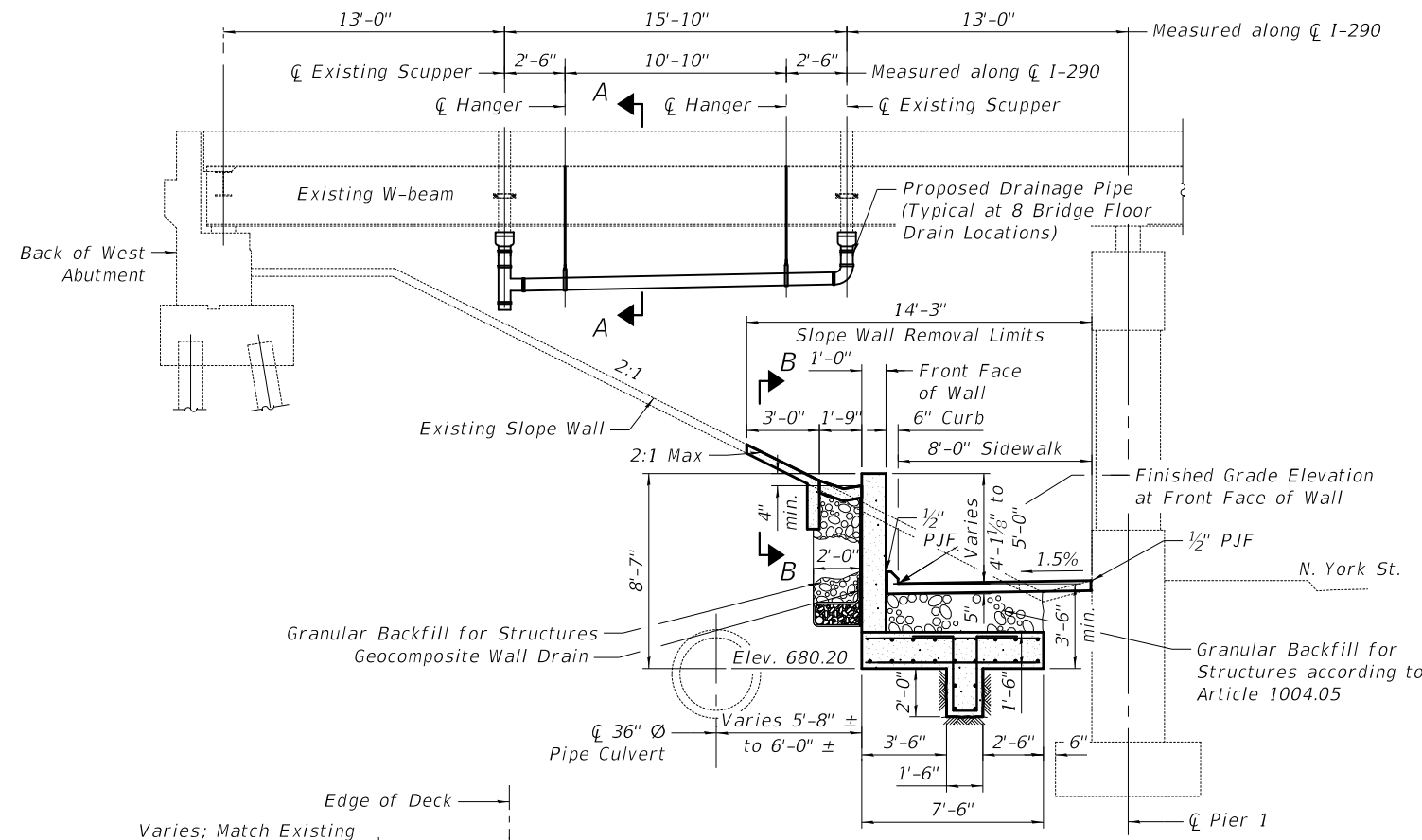
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DESIGNED	- K. KOMPARE	REVISED	-
CHECKED	- G. HATLESTAD	REVISED	-
DATE	- 10/30/2024	REVISED	-

CITY OF ELMHURST

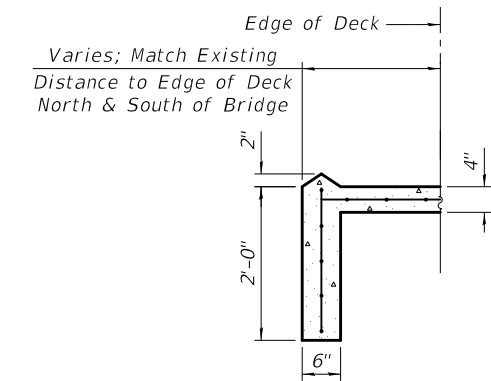
GENERAL PLAN AND ELEVATION
NORTH YORK SIDEWALK IMPROVEMENT

SHEET S-1 OF S-6 SHEETS

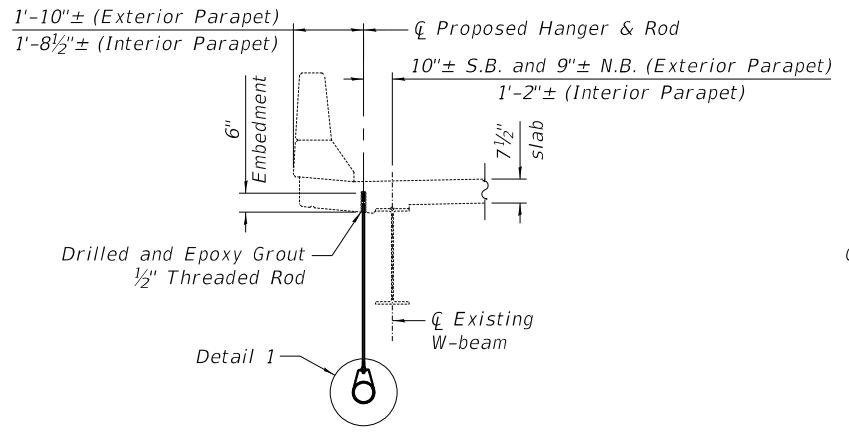
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CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



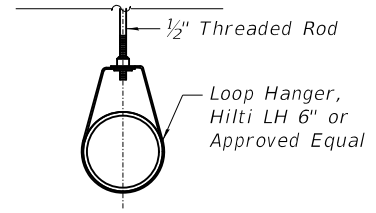
SECTION THROUGH CAST-IN-PLACE CONCRETE RETAINING WALL
At Bridge, Looking North
Offsets and Elevations shown at Front Face of Retaining Wall



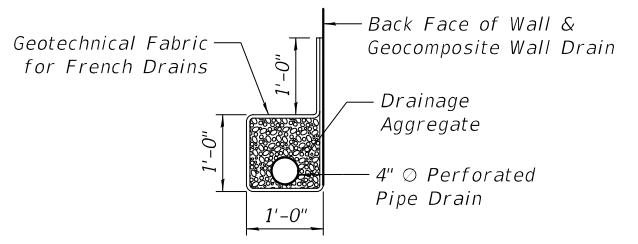
SECTION B-B



SECTION A-A



DETAIL 1



PIPE UNDERDRAIN DETAIL

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stone Riprap, Class A3	Sq. Yd.	31
Filter Fabric	Sq. Yd.	31
Slope Wall Removal	Sq. Yd.	349
Reinforcement Bars, Epoxy Coated	Pound	14,790
Slope Wall 4 Inch	Sq. Yd.	74
Concrete Structures (Retaining Wall)	Cu. Yd.	192.6
Granular Backfill for Structures	Cu. Yd.	232
Geocomposite Wall Drain	Sq. Yd.	164
Concrete Headwalls for Pipe Drains	Each	2
Pipe Underdrains for Structures 4"	Foot	275
Concrete Gutter, Type B	Foot	197
Braced Excavation	Cu. Yd.	668
Drainage System Modification	L. Sum	1

GENERAL NOTES

1. Reinforcement bars designated (E) shall be Epoxy Coated.
2. Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
3. Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
4. All exposed edges shall have 3/4 " chamfer.
5. Compaction of soil and granular material located within 2'-0" from the back of the retaining wall shall be compacted to the satisfaction of the Engineer using a suitable mechanical hand tamper.
6. The shear key excavation shall be made with care to produce near-vertical sides as shown on the plans. The footing and shear key excavation shall be cleaned of loose material and the concrete poured against undisturbed in-place soils.
7. Contractor to miss existing deck reinforcement when installing threaded rods for proposed drainage system.

JIT: FILE NAME: ...02_General Data.dgn

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GENERAL DATA
NORTH YORK SIDEWALK IMPROVEMENT

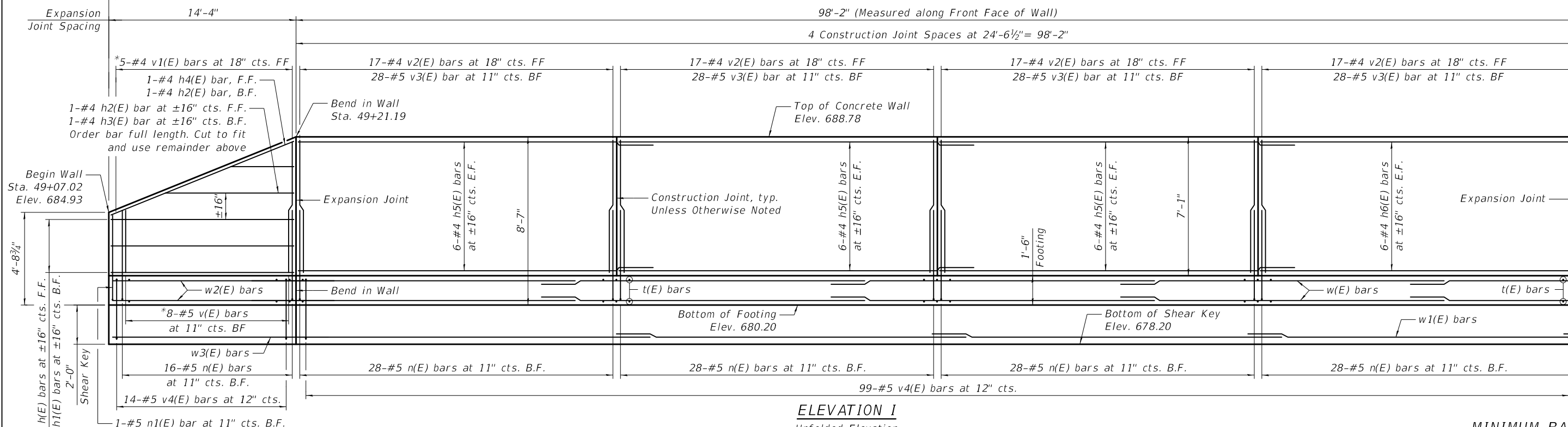
SHEET S-2 OF S-6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	77
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

249'-8" End to End Retaining Wall Limits (Measured along Front Face of Wall)

98'-2" (Measured along Front Face of Wall)

4 Construction Joint Spaces at 24'-6 1/2" = 98'-2"

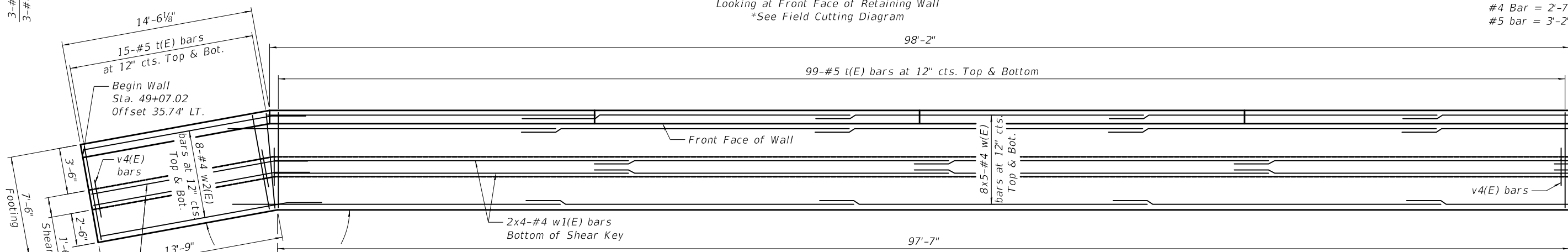


ELEVATION I

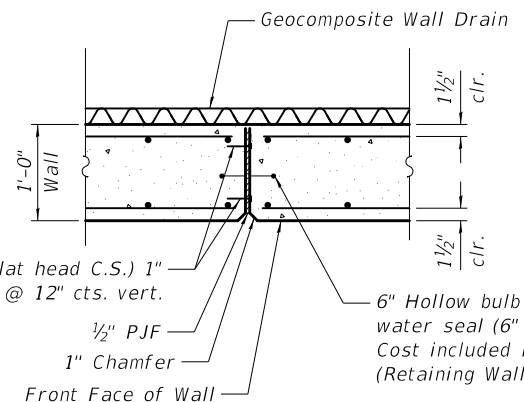
Unfolded Elevation
Looking at Front Face of Retaining Wall
*See Field Cutting Diagram

MINIMUM BAR LAP

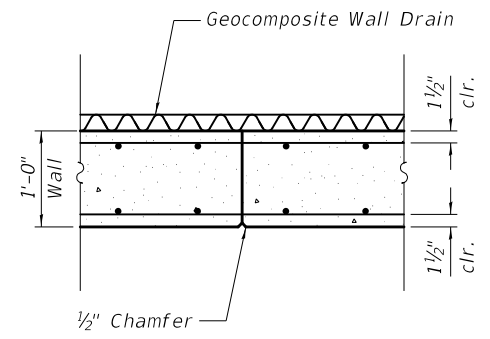
#4 Bar = 2'-7"
#5 Bar = 3'-2"



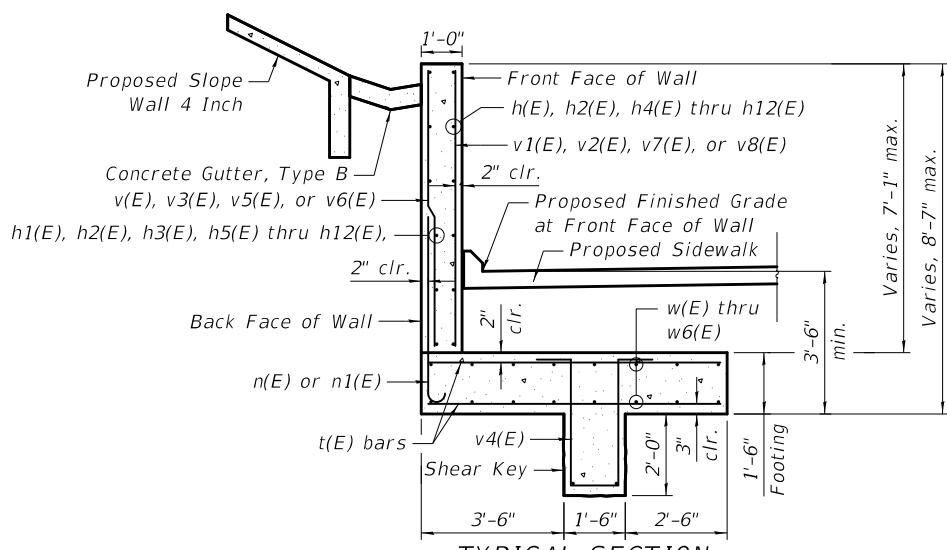
PLAN



WALL EXPANSION JOINT



WALL CONSTRUCTION JOINT



TYPICAL SECTION

Note:
1. For Bill of Material, see Sheet S-4.
2. For Bar Bending Diagrams and Field Cutting Diagram, see Sheet S-4.

JIT FILE NAME: ...03_Retaining Wall Elevation I

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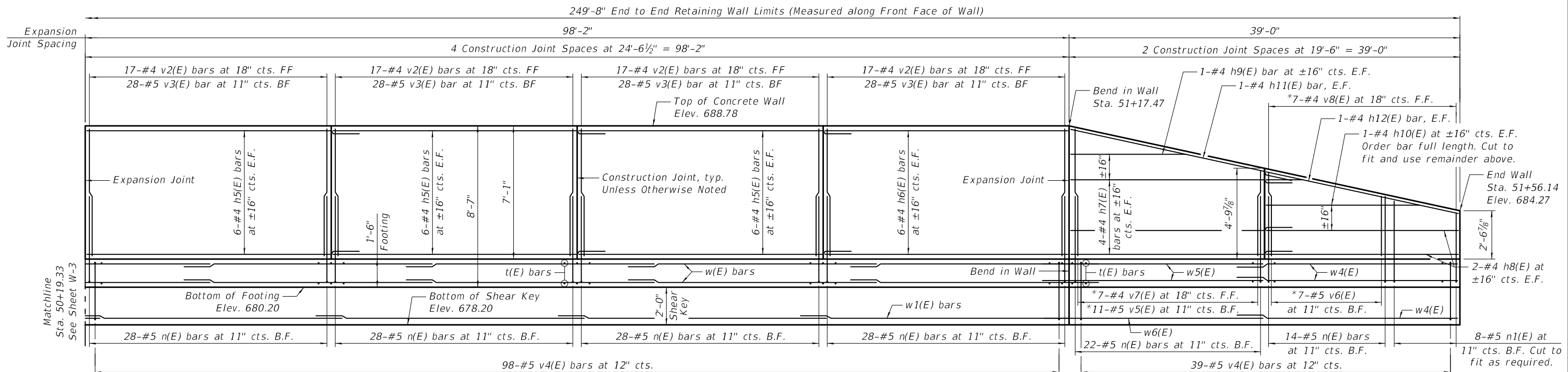
DRAWN	- K. KOMPARE	REVISED	-
DESIGNED	- K. KOMPARE	REVISED	-
CHECKED	- G. HATLESTAD	REVISED	-
DATE	- 10/30/2024	REVISED	-

CITY OF ELMHURST

**RETAINING WALL ELEVATION I
NORTH YORK SIDEWALK IMPROVEMENT**

SHEET S-3 OF S-6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

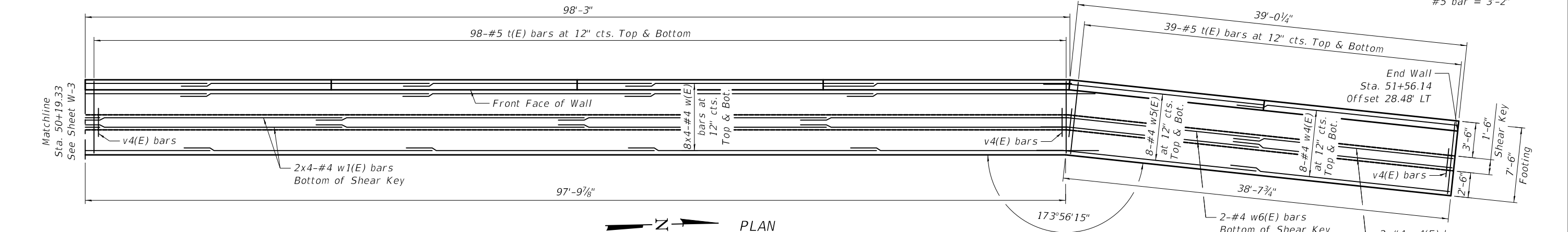


ELEVATION II

Looking at Front Face of Retaining Wall
Unfolded Elevation
*See Field Cutting Diagram

MINIMUM BAR LAP

#4 Bar = 2'-7"
#5 bar = 3'-2"



PLAN

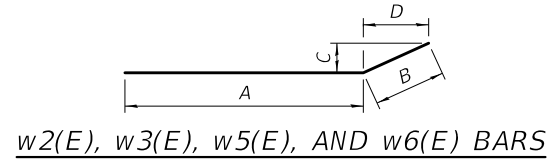
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	3	#4	14'-0"	—
h1(E)	3	#4	14'-2"	—
h2(E)	2	#4	14'-8"	—
h3(E)	1	#4	15'-0"	—
h4(E)	1	#4	14'-6"	—
h5(E)	72	#4	27'-2"	—
h6(E)	24	#4	24'-3"	—
h7(E)	8	#4	22'-1"	—
h8(E)	4	#4	19'-2"	—
h9(E)	2	#4	11'-6"	—
h10(E)	2	#4	19'-0"	—
h11(E)	2	#4	22'-3"	—
h12(E)	2	#4	19'-4"	—
n(E)	276	#5	4'-11"	┌
n1(E)	9	#5	4'-8"	┌
t(E)	502	#5	7'-2"	—

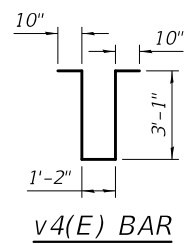
Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

BILL OF MATERIAL CONTINUED

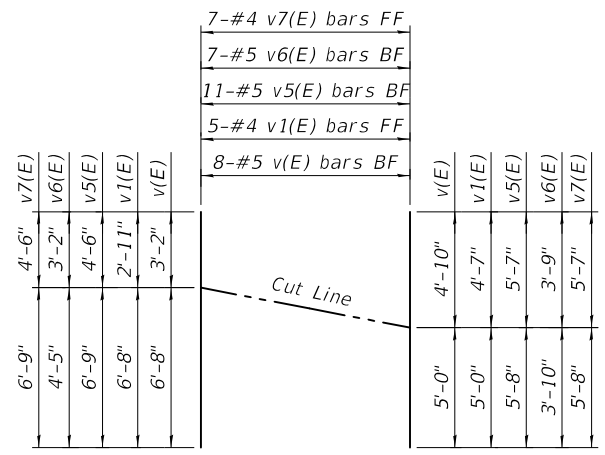
Bar	No.	Size	Length	Shape
v(E)	8	#5	9'-10"	—
v1(E)	5	#4	9'-7"	—
v2(E)	136	#4	6'-9"	—
v3(E)	224	#5	6'-9"	—
v4(E)	250	#5	5'-11"	┌
v5(E)	11	#5	11'-3"	—
v6(E)	7	#5	7'-7"	—
v7(E)	7	#4	11'-3"	—
v8(E)	7	#4	6'-9"	—
w(E)	144	#4	24'-9"	—
w1(E)	16	#4	26'-9"	—
w2(E)	16	#4	16'-11"	—
w3(E)	2	#4	16'-6"	—
w4(E)	18	#4	22'-0"	—
w5(E)	16	#4	22'-0"	—
w6(E)	2	#4	21'-10"	—
Concrete Structures (Retaining Wall)			Cu. Yd.	192.6
Reinforcement Bars, Epoxy Coated			Pound	14,790



Bar	A	B	C	D
w2(E)	14'-4"	2'-7"	5 1/2"	2'-6 1/2"
w3(E)	13'-11"	2'-7"	5 1/2"	2'-6 1/2"
w5(E)	19'-5"	2'-7"	3 1/4"	2'-6 7/8"
w6(E)	19'-3"	2'-7"	3 1/4"	2'-6 7/8"



Bar	A	B	C
n(E)	7"	4'-4"	5"
n1(E)	7"	4'-1"	5"



FIELD CUTTING DIAGRAM

Order bars full length. Cut as shown on the Field Cutting Diagram, and use the remainder of bars at the other end of wall.

Note:
1. For Wall Construction Joint and Expansion Joint Details, see Sheet S-3.
2. For Typical Section, See Sheet S-3.

JIT FILE NAME: ...04_Retaining Wall Elevation II

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DESIGNED	- K. KOMPARE	REVISED	-
CHECKED	- G. HATLESTAD	REVISED	-
DATE	- 10/30/2024	REVISED	-

CITY OF ELMHURST

RETAINING WALL ELEVATION II
NORTH YORK SIDEWALK IMPROVEMENT

SHEET S-4 OF S-6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	79
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PROJECT: **N. York Street Retaining Wall at I-290** SITE LOCATION: **Elmhurst, IL**
 BORING LOCATION: **1091345.389E, 1911843.325N** CLIENT: **Civiltech Engineering**

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS		REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc %	Dry Unit Weight, pcf	
0		PAVEMENT - Bit. Concrete (3-3/4") over PC Concrete (10-1/2") over Granular Base Course (3")	683.0						
		FILL - Brown, trace Grey Clay LOAM, A-6, very stiff	681.6	SS	1	4	21	102	2.33
		FILL - Brown SAND with Gravel, A-1-a, medium dense	680.0	SS	2	26	7		
		Dark Grey to Light Grey CLAY, trace Fibers, A-7-6, firm	677.5	SS	3	2	26		0.75 (Qp)
		Brown and Grey Clay LOAM, A-6, trace Fibers at 8.0', very stiff	675.0	SS	4	7	25	93	2.72
		Grey Clay LOAM, A-6, hard to very stiff	671.0	SS	5	14	21	102	3.57
				SS	6	14	20	101	5.04
				SS	7	10	19	102	2.75
				SS	8	8	20	105	2.68
				SS	9	9	20	104	2.10
				SS	10	9	20	105	2.72
				SS	11	9	21	102	2.25
		Grey Sandy LOAM with Gravel, A-2-4, medium dense	655.0	SS	12	14	9		
		End of Boring at 30.0'	653.0						Hole Caved at 29.0' upon Completion

WATER LEVEL OBSERVATIONS, ft.
 DURING DRILLING: 5.5'
 IMMEDIATELY AFTER DRILLING: 15.0'
 DELAYED READING AFTER

MSET

BORING STARTED: 12/1/21
 BORING COMPLETED: 12/1/21
 LOGGED BY: GPF
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

PROJECT: **N. York Street Retaining Wall at I-290** SITE LOCATION: **Elmhurst, IL**
 BORING LOCATION: **10913383.757E, 1911509.254N** CLIENT: **Civiltech Engineering**

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS		REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc %	Dry Unit Weight, pcf	
0		PAVEMENT - Bit. Concrete (2-1/2") over PC Concrete (9") over Granular Base Course (8")	684.0						
		Black Clay LOAM, A-6 to A-7-6	682.4	SS	1	16	14		
		Olive-Grey, trace Dark Grey Sandy Clay LOAM, A-6, very stiff	681.0	SS	2	4	19	103	2.10
		Brown and Grey Clay LOAM, A-6, hard	678.5	SS	3	16	19	105	7.22
		probable cobble at 10.0', wet							
		Grey Clay LOAM, A-6, hard to very stiff	673.5	SS	5	17	17	105	6.40
				SS	6	12	16	109	3.53
				SS	7	11	19	106	4.38
				SS	8	10	18	107	3.38
				SS	9	10	19	106	3.69
				SS	10	14	16	110	3.14
				SS	11	10	25	96	3.10
				SS	12	11	25	96	3.48
		End of Boring at 30.0'	654.0						Hole Caved at 28.0' upon Completion

WATER LEVEL OBSERVATIONS, ft.
 DURING DRILLING: 10.0'
 IMMEDIATELY AFTER DRILLING: 14.0'
 DELAYED READING AFTER

MSET

BORING STARTED: 12/1/21
 BORING COMPLETED: 12/1/21
 LOGGED BY: GPF
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

JIT: FILE NAME: ...05_Soil_Boring_Logs 1

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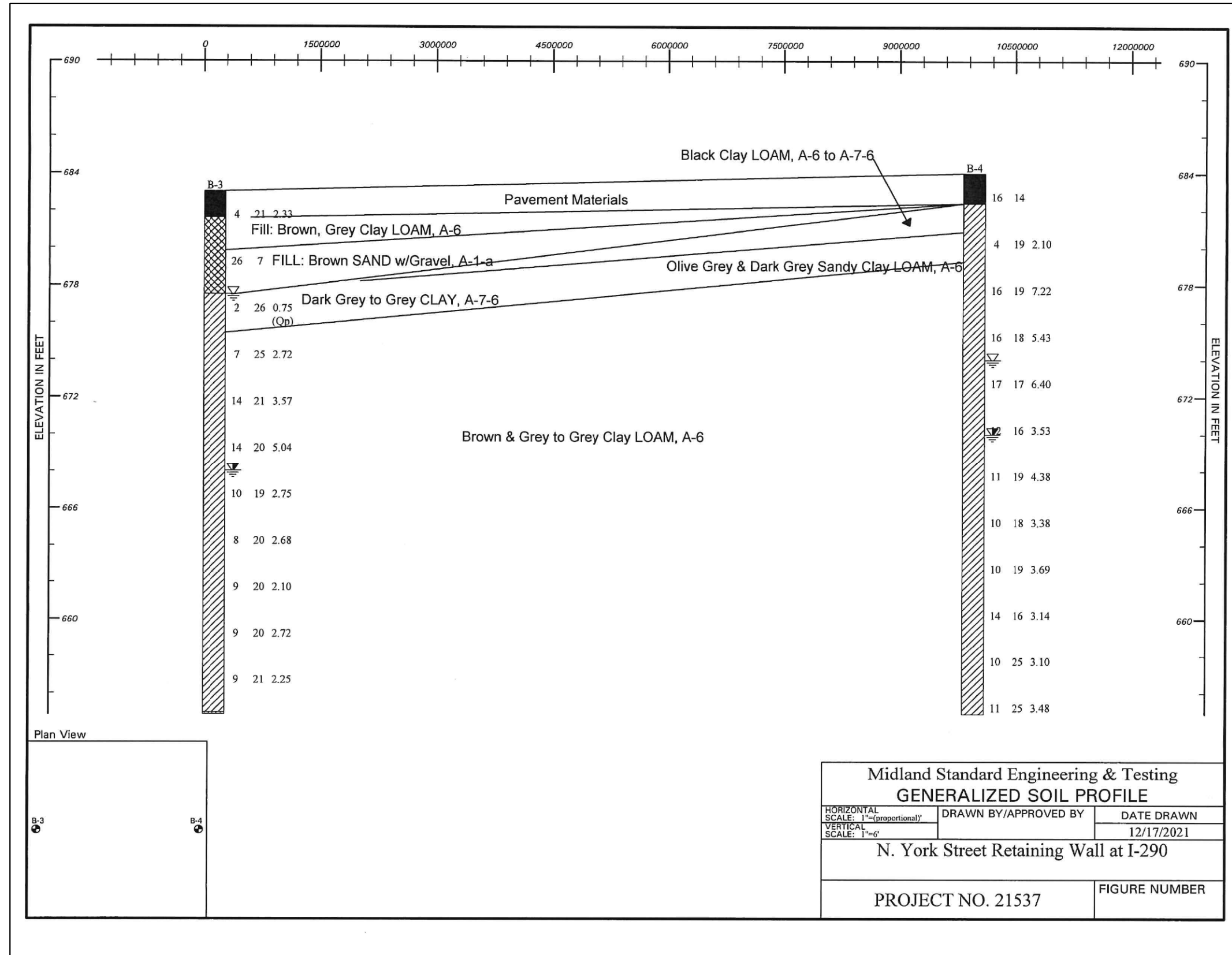
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DESIGNED	- K. KOMPARE	REVISED	-
CHECKED	- G. HATLESTAD	REVISED	-
DATE	- 10/30/2024	REVISED	-

CITY OF ELMHURST

SOIL BORING LOGS I
NORTH YORK SIDEWALK IMPROVEMENT

SHEET S-5 OF S-6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	80
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



Midland Standard Engineering & Testing		
GENERALIZED SOIL PROFILE		
HORIZONTAL SCALE: 1"=(proportional)	DRAWN BY/APPROVED BY	DATE DRAWN
VERTICAL SCALE: 1"=6'		12/17/2021
N. York Street Retaining Wall at I-290		
PROJECT NO. 21537		FIGURE NUMBER

JIT: FILE NAME: ...06_Soil_Boring_Logs_II

DRAWN - K. KOMPARE	REVISED -
DESIGNED - K. KOMPARE	REVISED -
CHECKED - G. HATLESTAD	REVISED -
DATE - 10/30/2024	REVISED -

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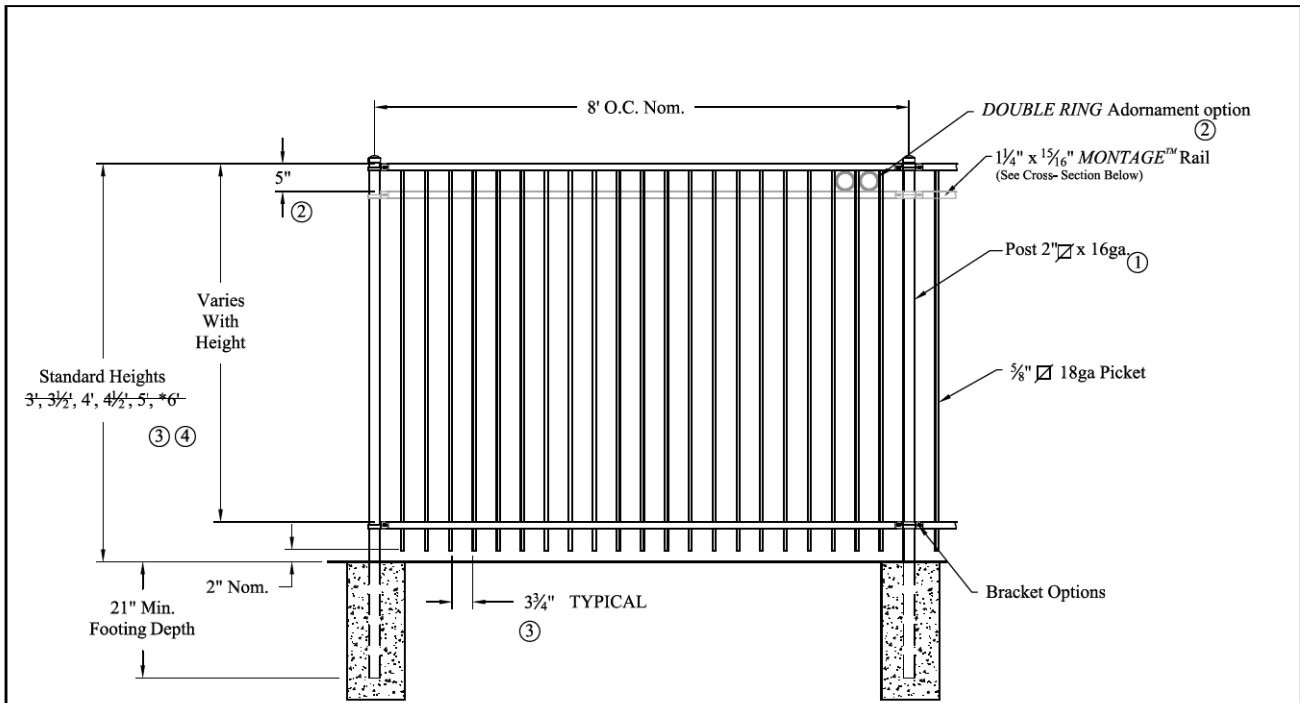
SOIL BORING LOGS II
NORTH YORK SIDEWALK IMPROVEMENT

SHEET S-6 OF S-6 SHEETS

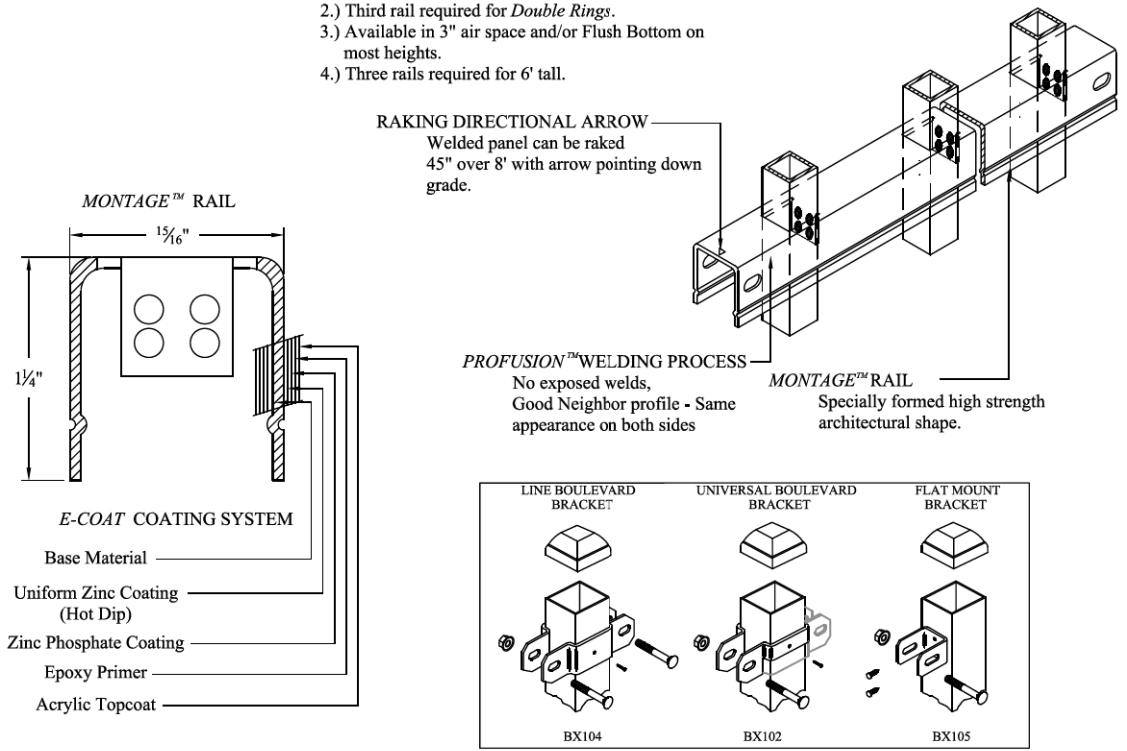
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	81
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
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NO.	

DATE	
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REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



- NOTES:**
- 1.) Post size depends on fence height and wind loads. See *MONTAGE™* specifications for post sizing chart.
 - 2.) Third rail required for *Double Rings*.
 - 3.) Available in 3" air space and/or Flush Bottom on most heights.
 - 4.) Three rails required for 6' tall.

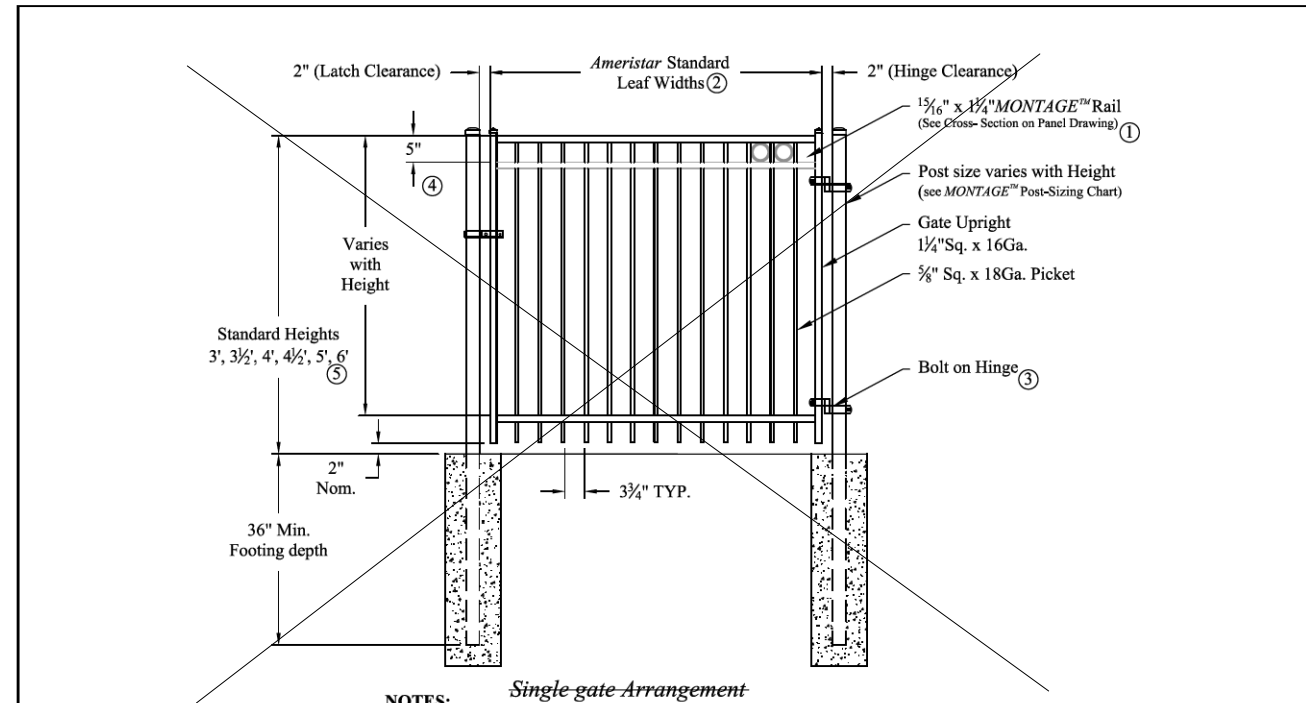


RESIDENTIAL WELDED STEEL PANEL
PRE-ASSEMBLED

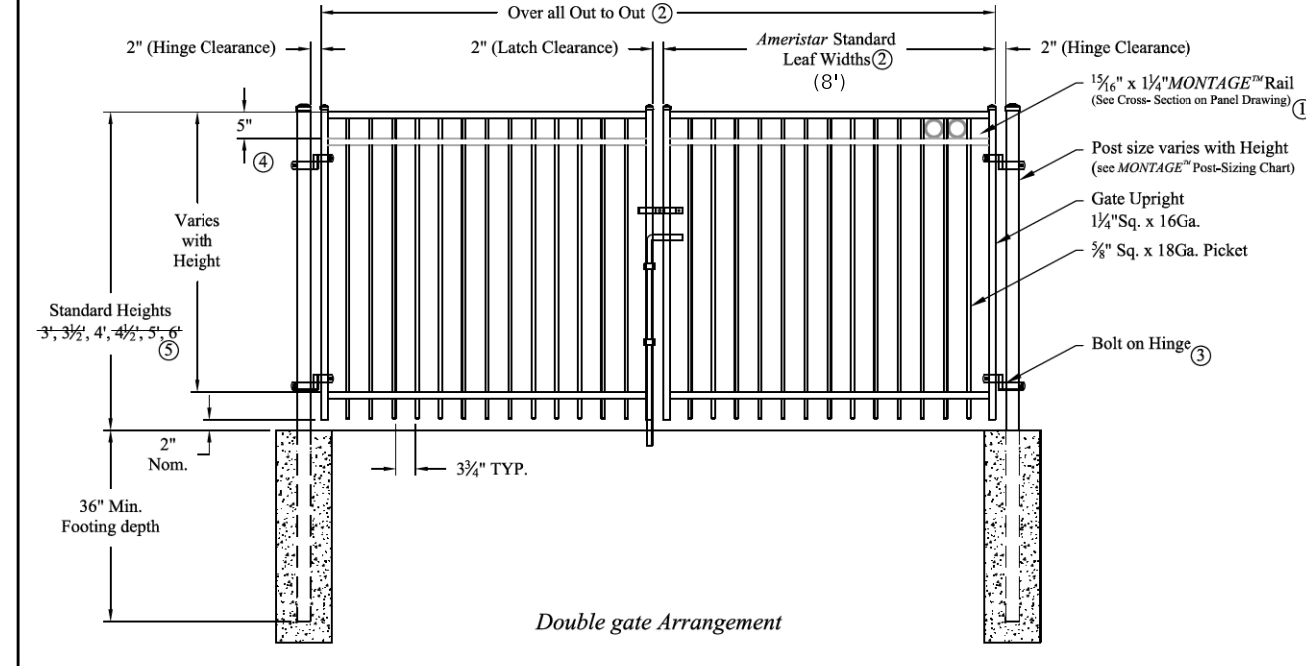
Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements. RMISO

Title: MONTAGE MAJESTIC 2/3-RAIL		
DR: CI	SH. 1 of 1	SCALE: DO NOT SCALE
CK: ME	Date 7-19-11	REV: c

1555 N. Mingo
Tulsa, OK 74116
1-888-333-3422
www.ameristarfence.com



- NOTES:**
- Single gate Arrangement*
- 1.) Post size depends on fence height, weight and wind loads. See *MONTAGE™* specifications for post sizing chart.
 - 2.) See *Ameristar* gate table for standard out to outs. Custom gate openings available for special out to out/leaf widths.
 - 3.) Additional styles of gate hardware are available on request. This could change the Latch & Hinge Clearance.
 - 4.) Third rail required for *Double Rings*.
 - 5.) Available in 3" air space and/or Flush Bottom on most Heights



RESIDENTIAL WELDED STEEL GATE

Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements. RMISO

Title: MONTAGE MAJESTIC 2/3-RAIL SGL & DBL GATE		
DR: CI	SH. 1 of 1	SCALE: DO NOT SCALE
CK: ME	Date 6/28/10	REV: b

1555 N. Mingo
Tulsa, OK 74116
1-888-333-3422
www.ameristarfence.com

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Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
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DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST

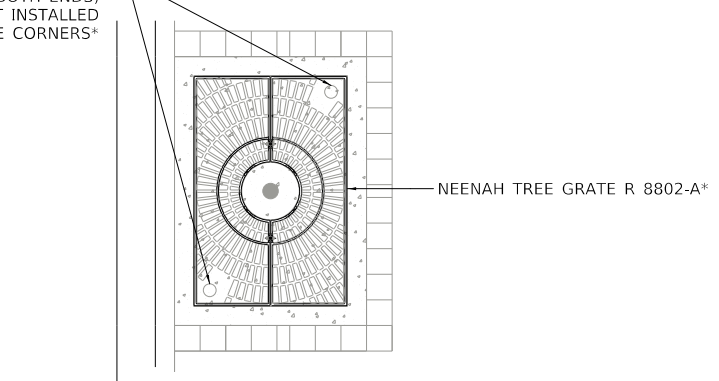
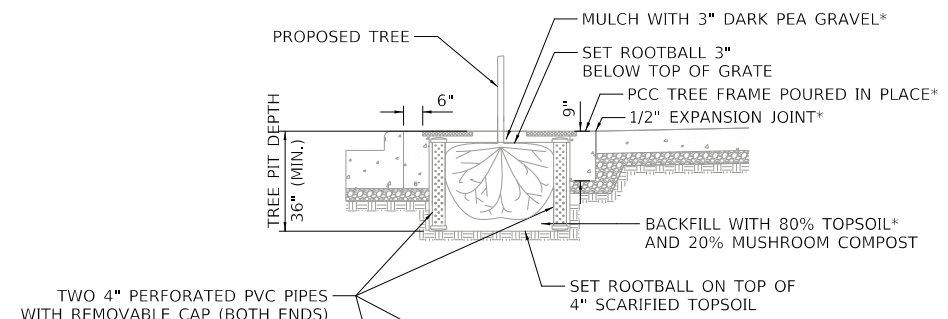
NORTH YORK STREET SIDEWALK IMPROVEMENT
CONSTRUCTION DETAILS

1 12

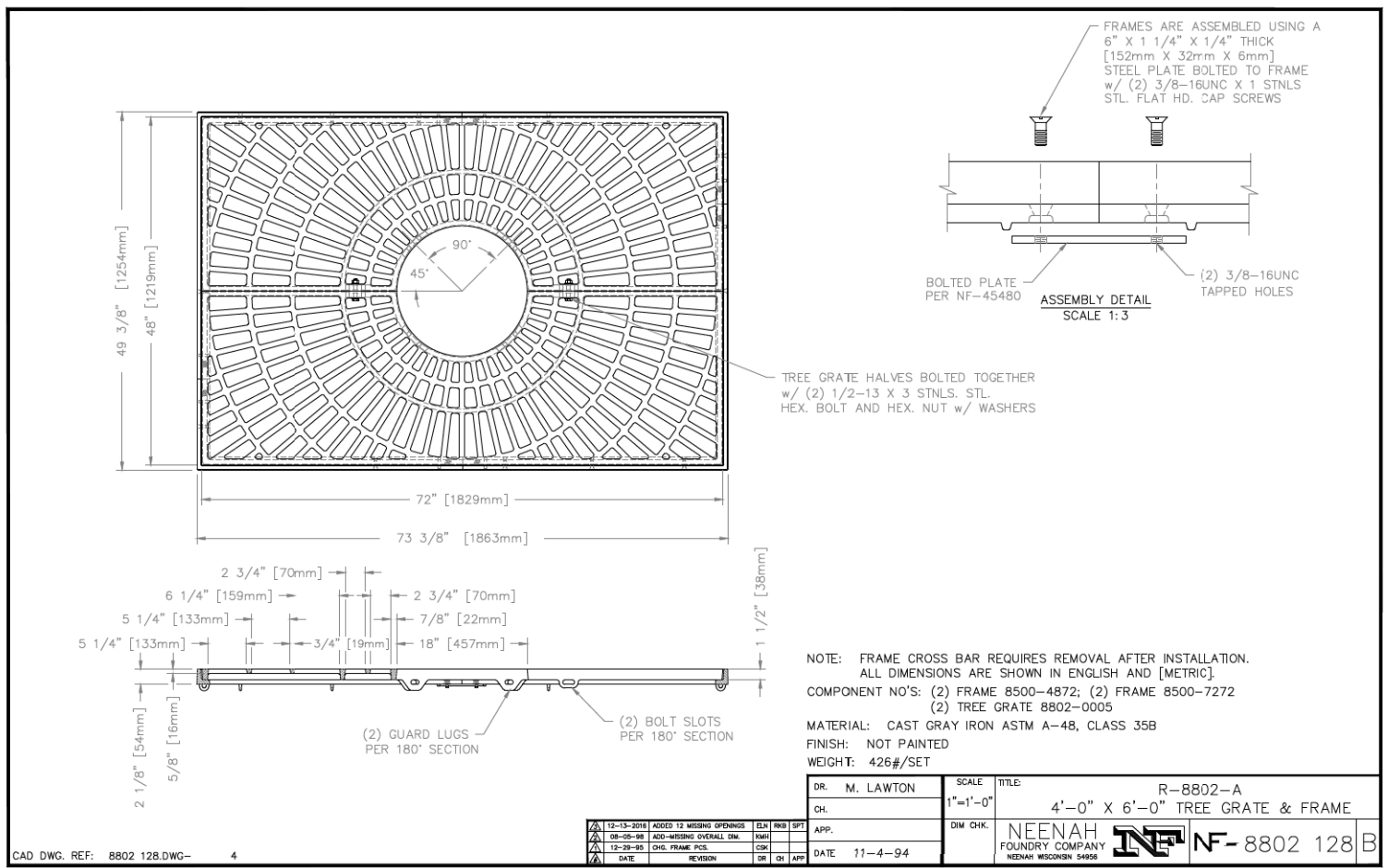
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2678	17-00188-00-SW	DUPAGE	99	82
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



TREE GRATE ASSEMBLY, COMPLETE
 *INCLUDED IN THE COST OF TREE GRATE ASSEMBLY, COMPLETE
 NTS



CAD DWG. REF: 8802 128.DWG- 4

DR.	M. LAWTON	SCALE	1"=1'-0"	TITLE	R-8802-A
CH.					4'-0" X 6'-0" TREE GRATE & FRAME
APP.		DWG. CHK.			
DATE	11-4-94				

CIVILTECH
 Two Pierce Place, Suite 1400
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

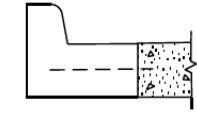
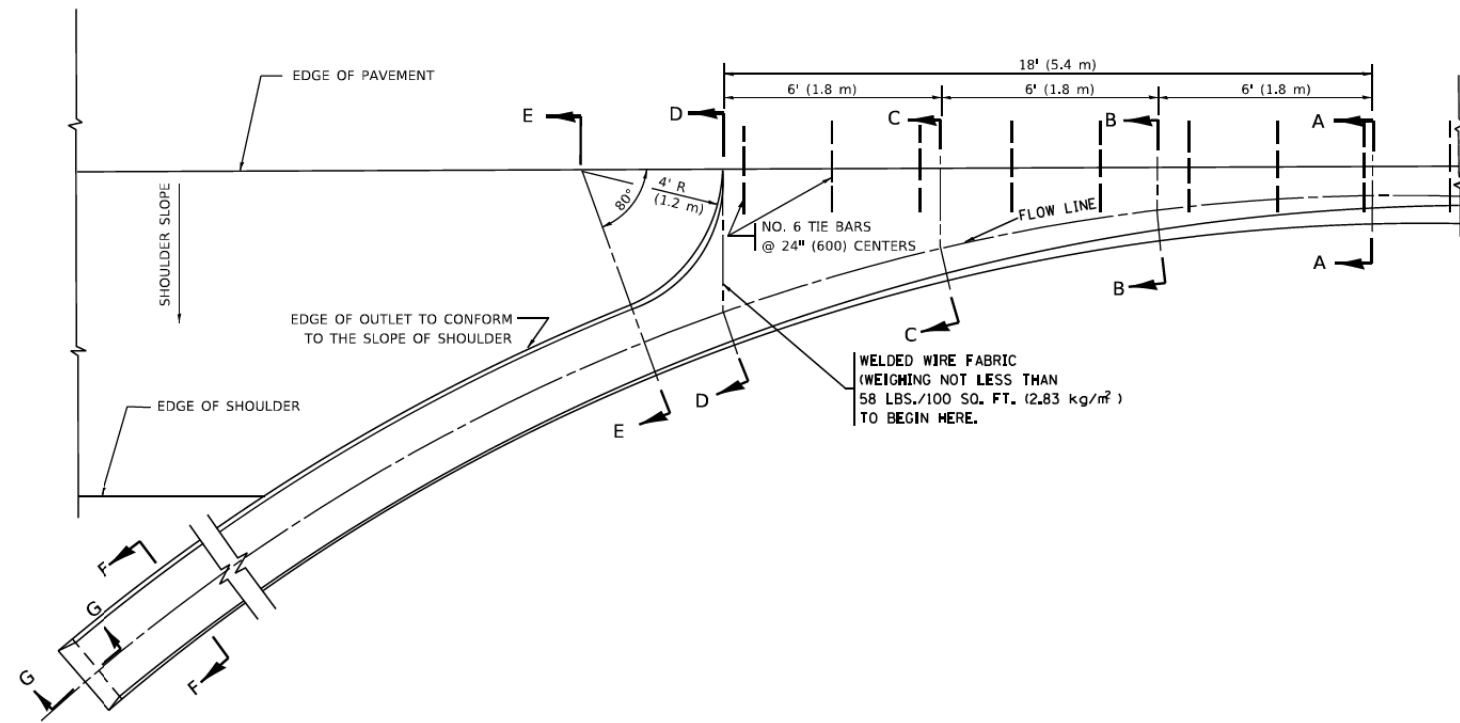
DESIGNED	- JRR	REVISED	-
DRAWN	- JRR	REVISED	-
CHECKED	- KRK	REVISED	-
DATE	- 10/30/2024	REVISED	-

CITY OF ELMHURST

**NORTH YORK STREET SIDEWALK IMPROVEMENT
 CONSTRUCTION DETAILS**

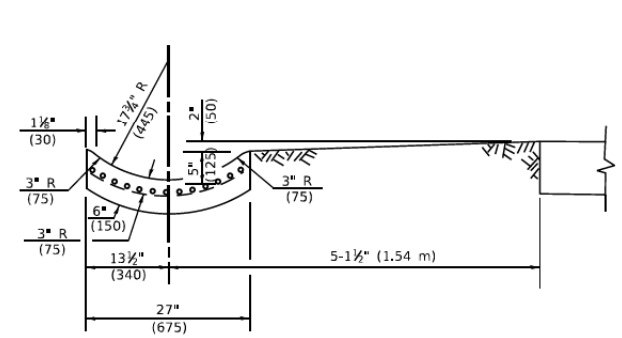
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CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

1 12

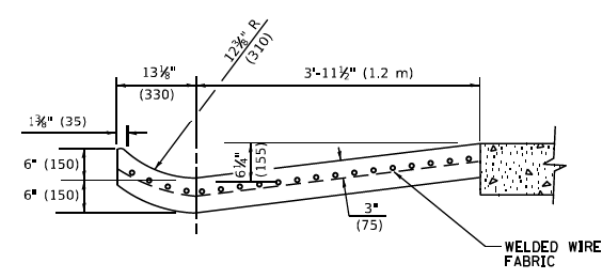


SECTION A-A *

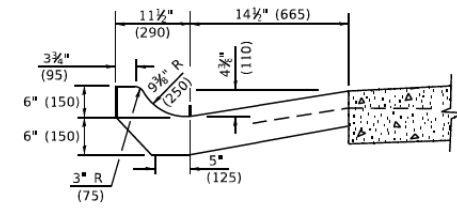
* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



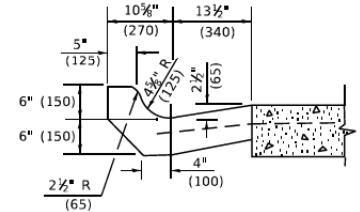
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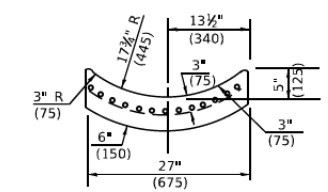
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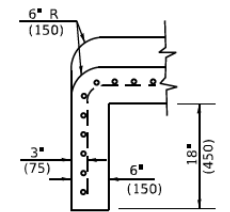
SECTION C-C



SECTION B-B



SECTION F-F



SECTION G-G

GENERAL NOTES

1. GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
2. TIE BARS SHALL BE NO. 20 (NO.6) AT 24\"
3. IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

METHOD OF MEASUREMENT

FOR SECTION A-A TO E-E AND CURTAIN WALL=
 1.25 CU. YDS. (0.96³m) CLASS SI CONCRETE (OUTLET) FOR 9\" (225) PAV'T.
 1.27 CU. YDS. (0.96³m) CLASS SI CONCRETE (OUTLET) FOR 10\" (250) PAV'T.
 FOR SECTION F-F=
 0.045 CU. YDS. (0.03³m) CLASS SI CONCRETE PER FT. (m).

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

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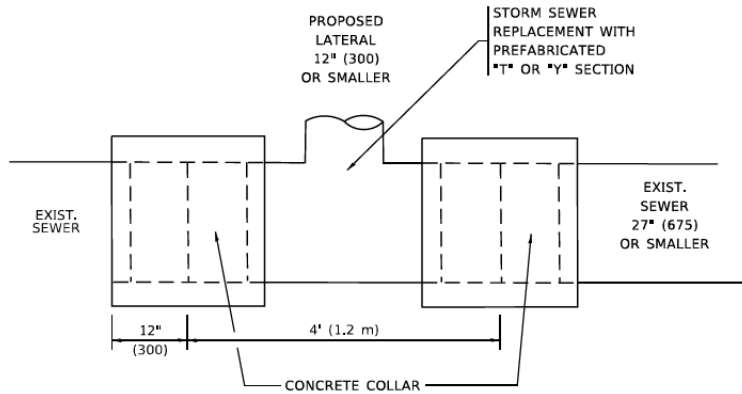
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	DRAWN -	REVISED - E. GOMEZ 12-21-00
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-27-19
PLOT DATE = 11/18/2022	DATE - 08-04-86	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OUTLET FOR CONCRETE
CURB AND GUTTER**

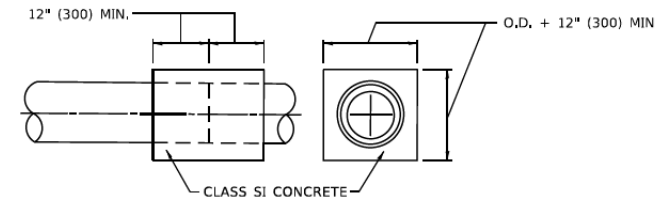
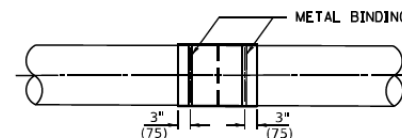
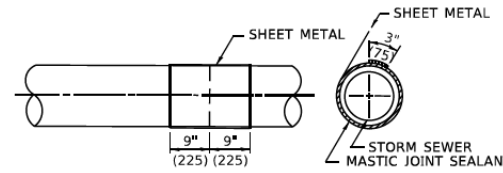
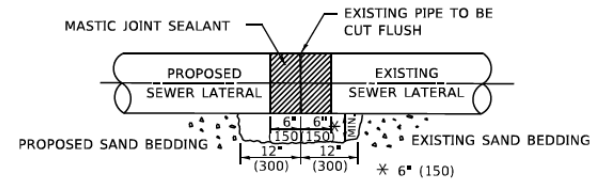
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD600-01 (BD-03)		CONTRACT NO. 61K01		
ILLINOIS FED. AID PROJECT				



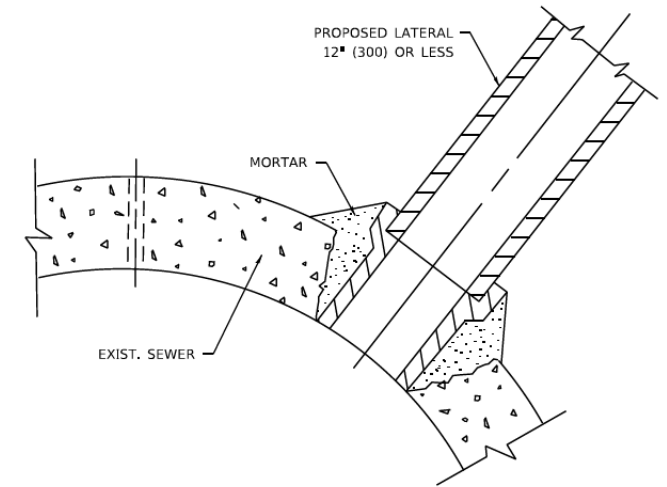
DETAIL "A"

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



DETAIL "B"

CLASS SI CONCRETE COLLAR



DETAIL "C"

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

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 CIRCUMFERANCE 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 OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

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.

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

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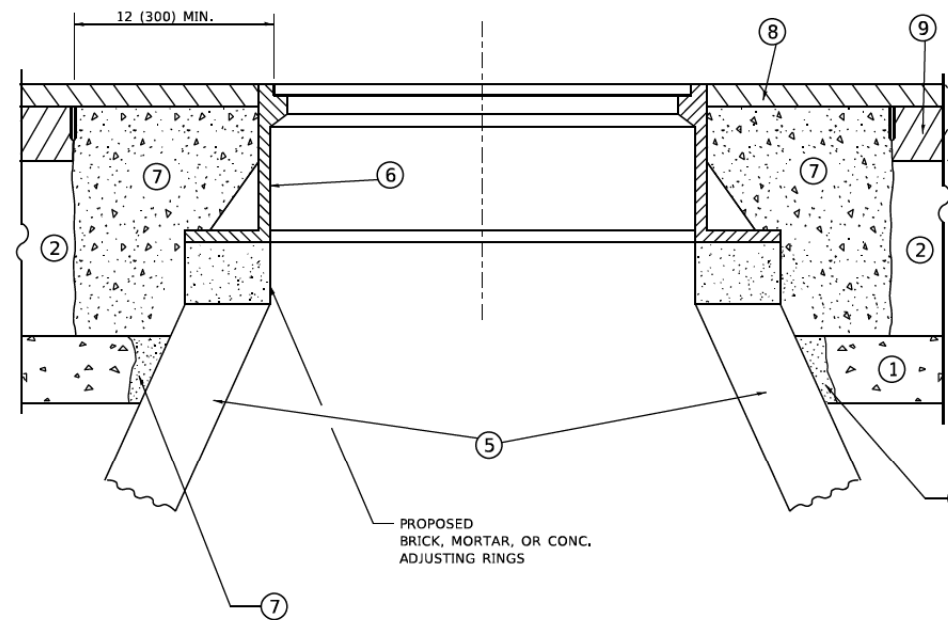
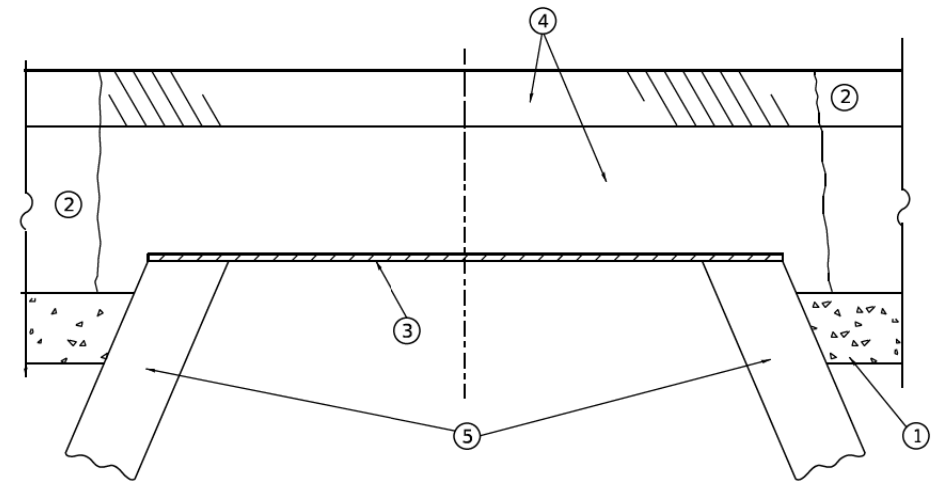
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	DRAWN -	REVISED - R. SHAH 10-25-94
PLOT SCALE = 100.0000 * / in.	CHECKED -	REVISED - R. SHAH 06-12-96
PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	85
BD500-01 (BD-07)		CONTRACT NO. 61K01		
ILLINOIS FED. AID PROJECT				



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

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 HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

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-2* 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-2* 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

- 1. 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)."
- 2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- 3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. 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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

NOTES

- 1. 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.
- 2. 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.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- 5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

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	DRAWN -	REVISED - R. BORO 12-06-11
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PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

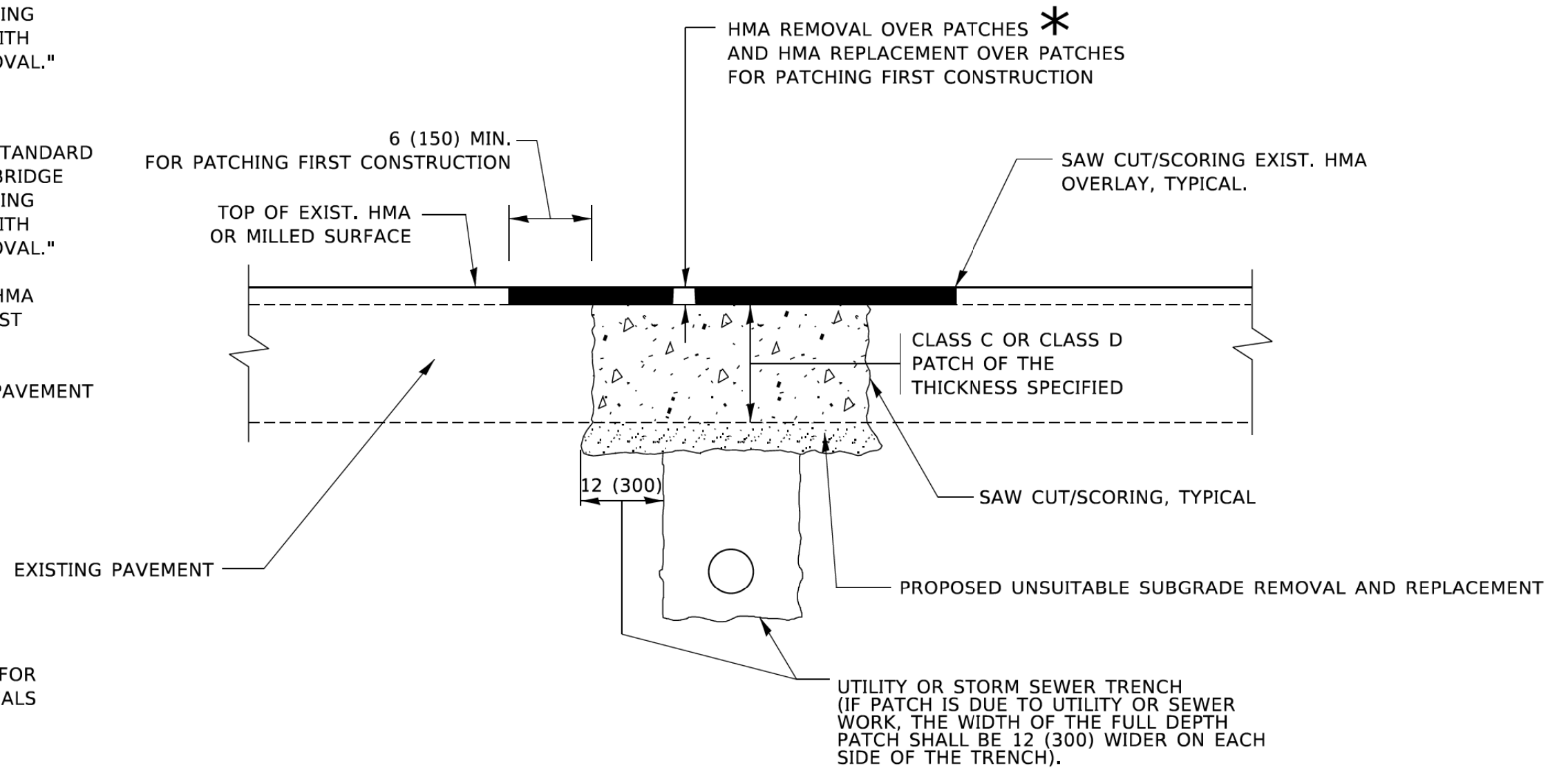
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2678	17-00188-00-SW	DUPAGE	99	86
BD600-03 (BD-08)		CONTRACT NO. 61K01		
ILLINOIS FED. AID PROJECT				

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

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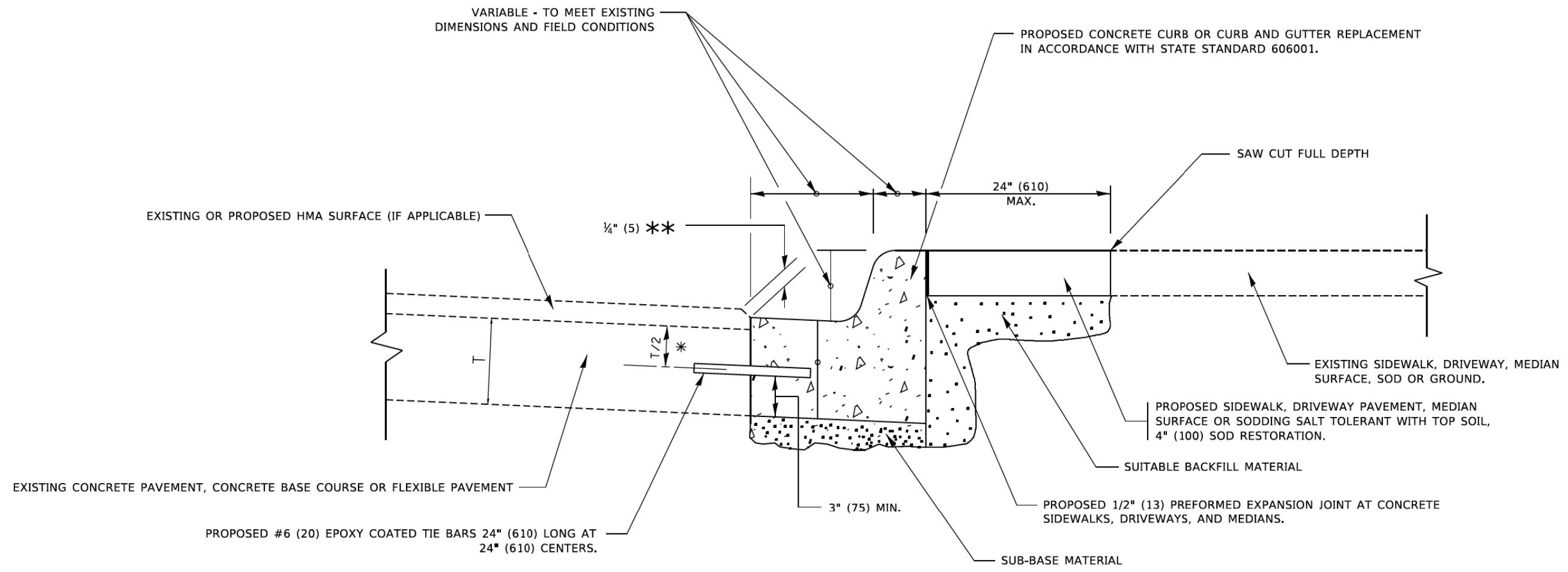
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PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	87
BD400-04 (BD-22)			CONTRACT NO. 61K01	
ILLINOIS FED. AID PROJECT				



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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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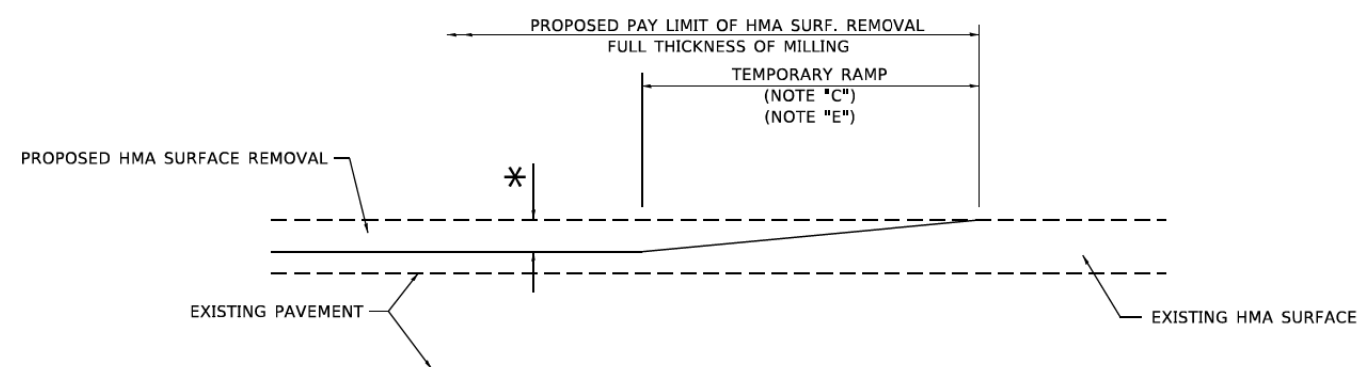
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
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PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

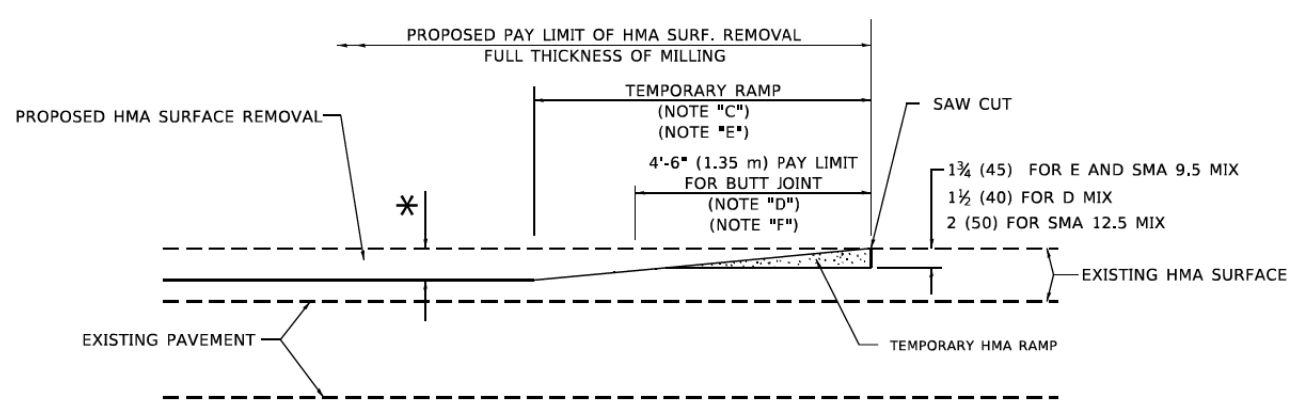
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BD600-06 (BD-24)			CONTRACT NO. 61K01	
ILLINOIS FED. AID PROJECT				



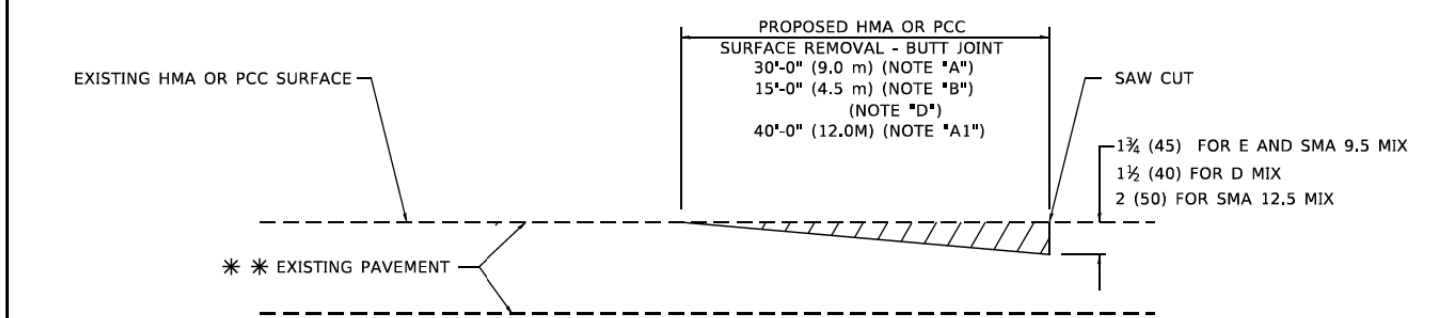
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

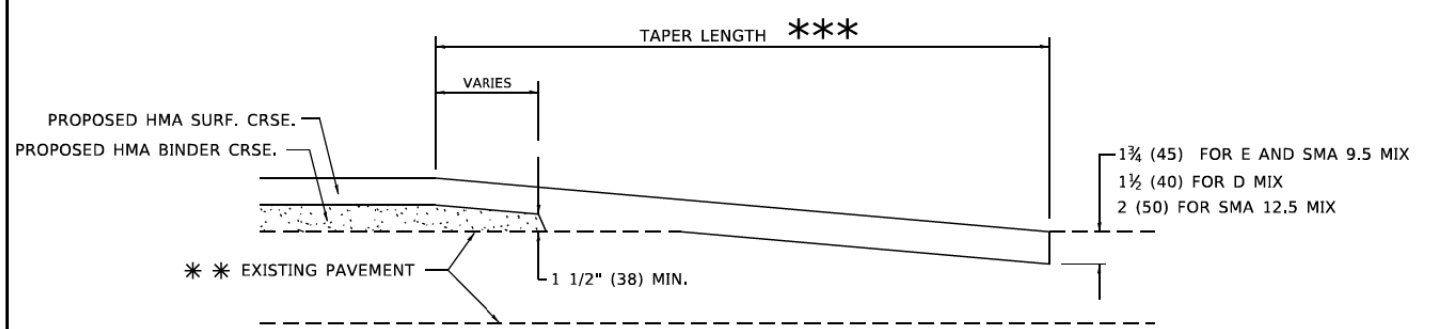


HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2
TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

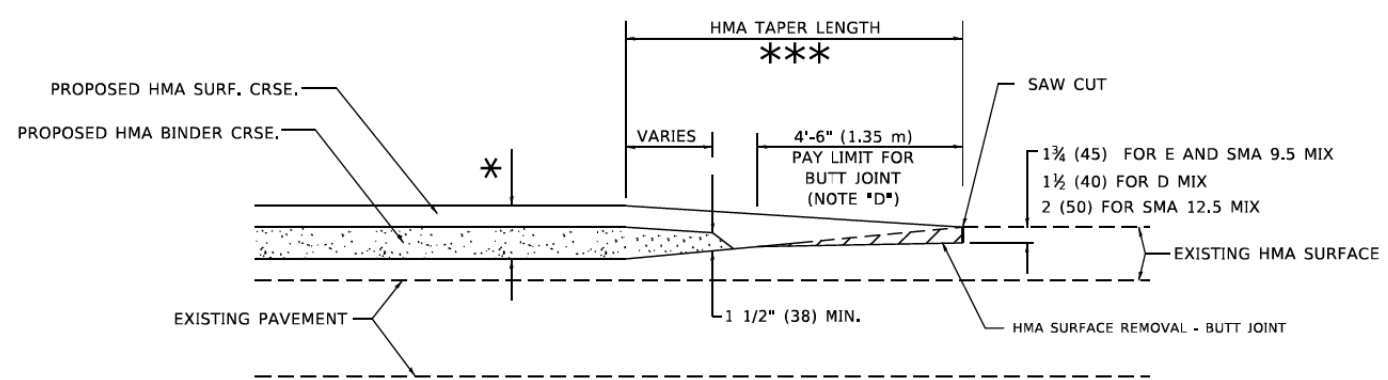
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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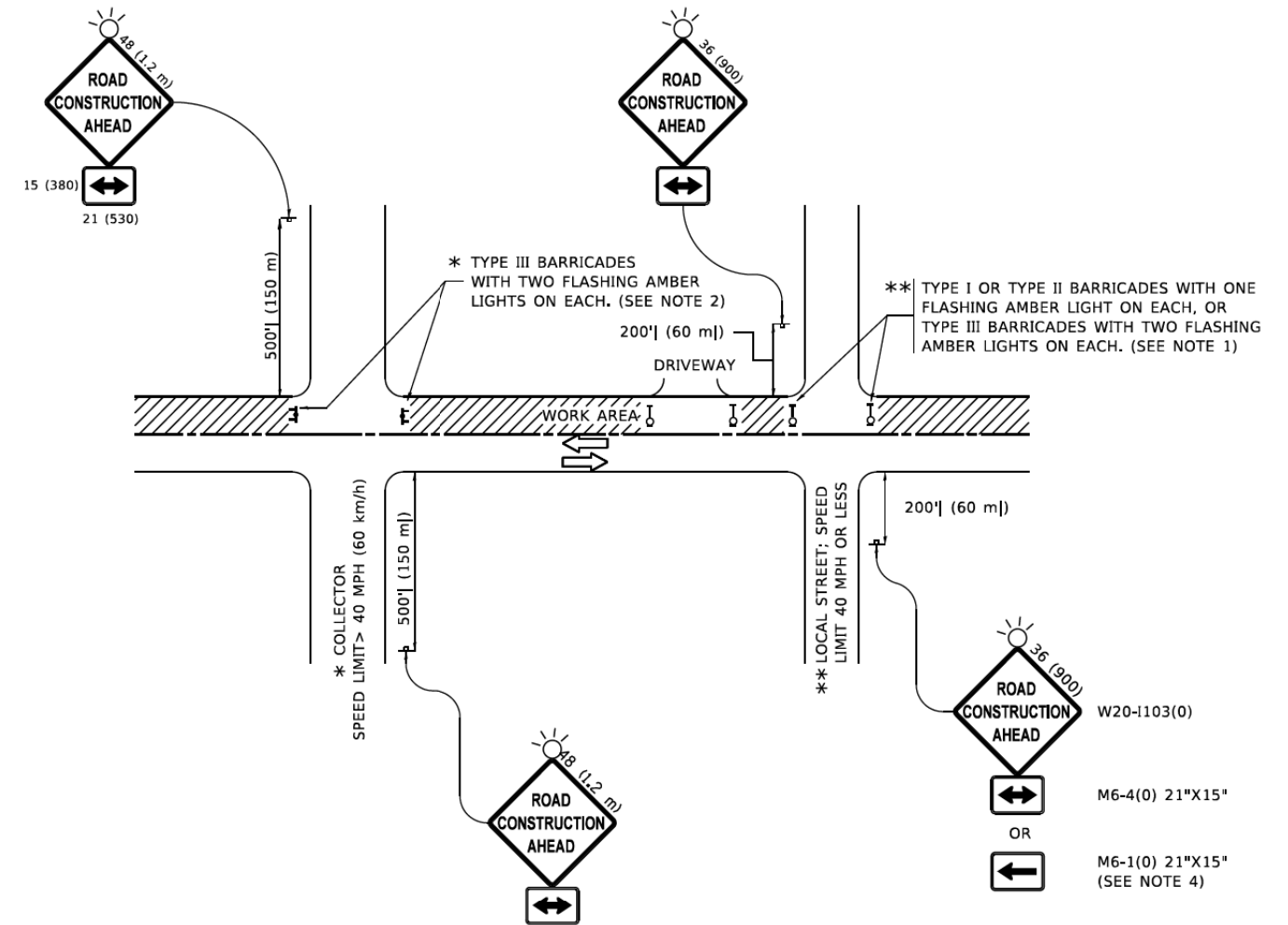
USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	89
BD400-05 BD-32		CONTRACT NO. 61K01		
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.

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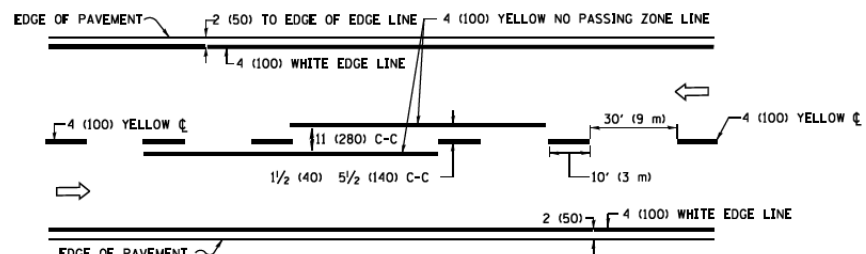
USER NAME = Lawrence,DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
	DRAWN -	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100.0000 " / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

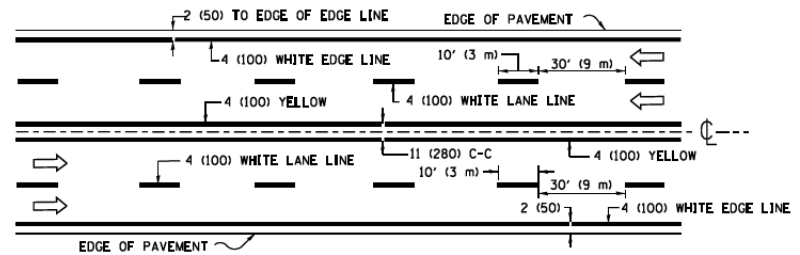
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

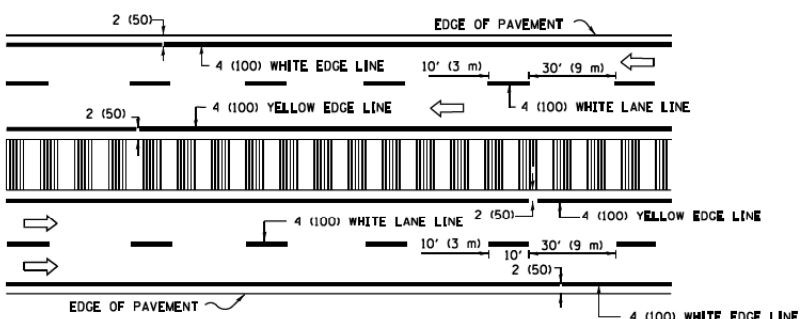
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2678	17-00188-00-SW	DUPAGE	99	90
TC-10			CONTRACT NO. 61K01	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

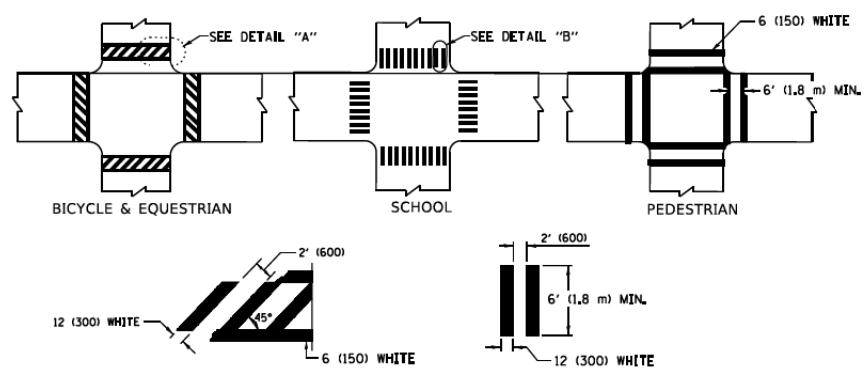


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

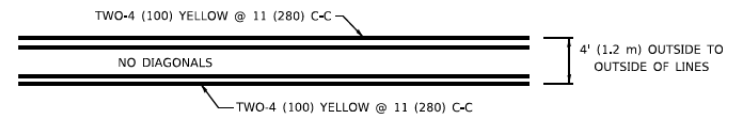


DETAIL "A"

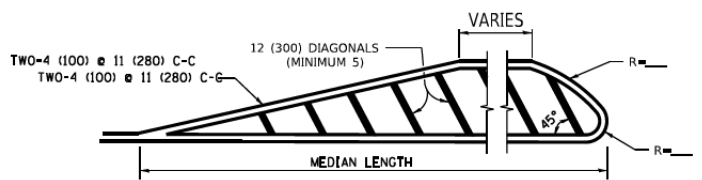
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

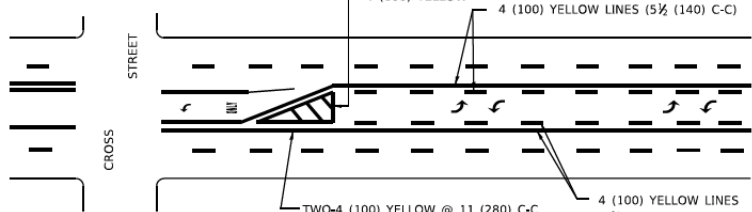


4' (1.2 m) WIDE MEDIANS ONLY



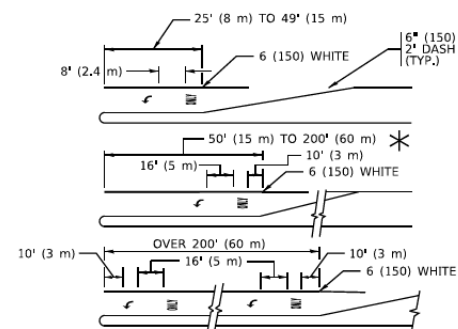
MEDIANS OVER 4' (1.2 m) WIDE

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



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

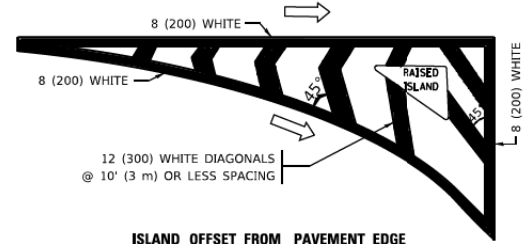


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)

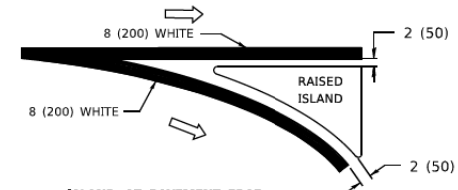
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - *ONLY* INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - *ONLY*.

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

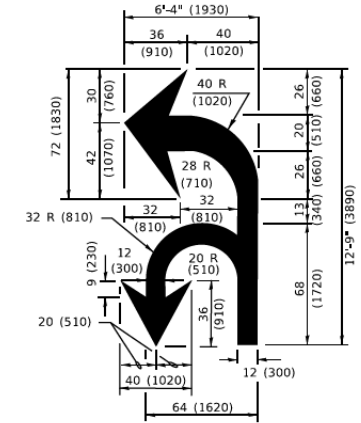


ISLAND OFFSET FROM PAVEMENT EDGE

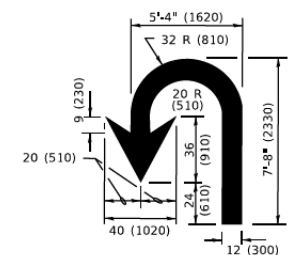


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES; FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: *R* IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR *X*	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

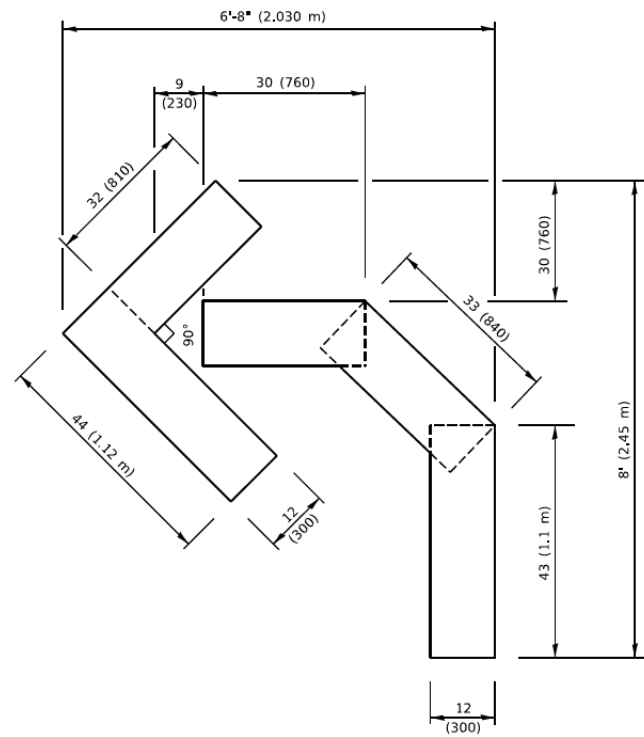
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USER NAME	DESIGNED	REVISED
= footemj	- EVERS	- C. JUCIUS 09-09-09
	-	- C. JUCIUS 07-01-13
	-	- C. JUCIUS 12-21-15
	-	- C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

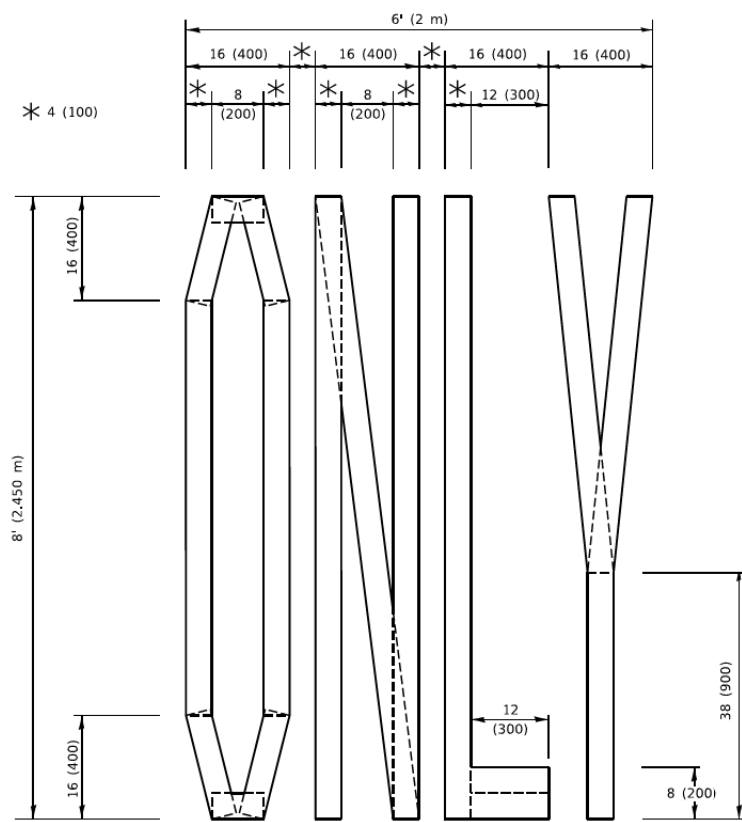
DISTRICT ONE	
TYPICAL PAVEMENT MARKINGS	
SCALE: NONE	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	91
TC-13		CONTRACT NO. 61K01		
ILLINOIS FED. AID PROJECT				



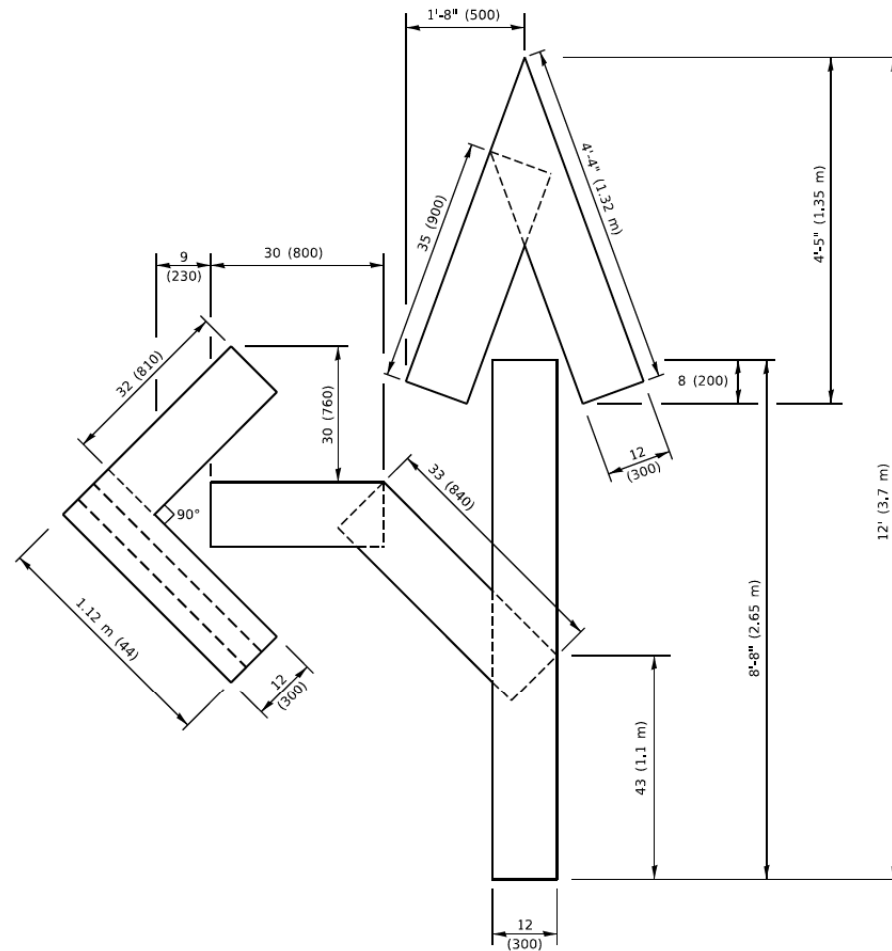
QUANTITY

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



QUANTITY

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

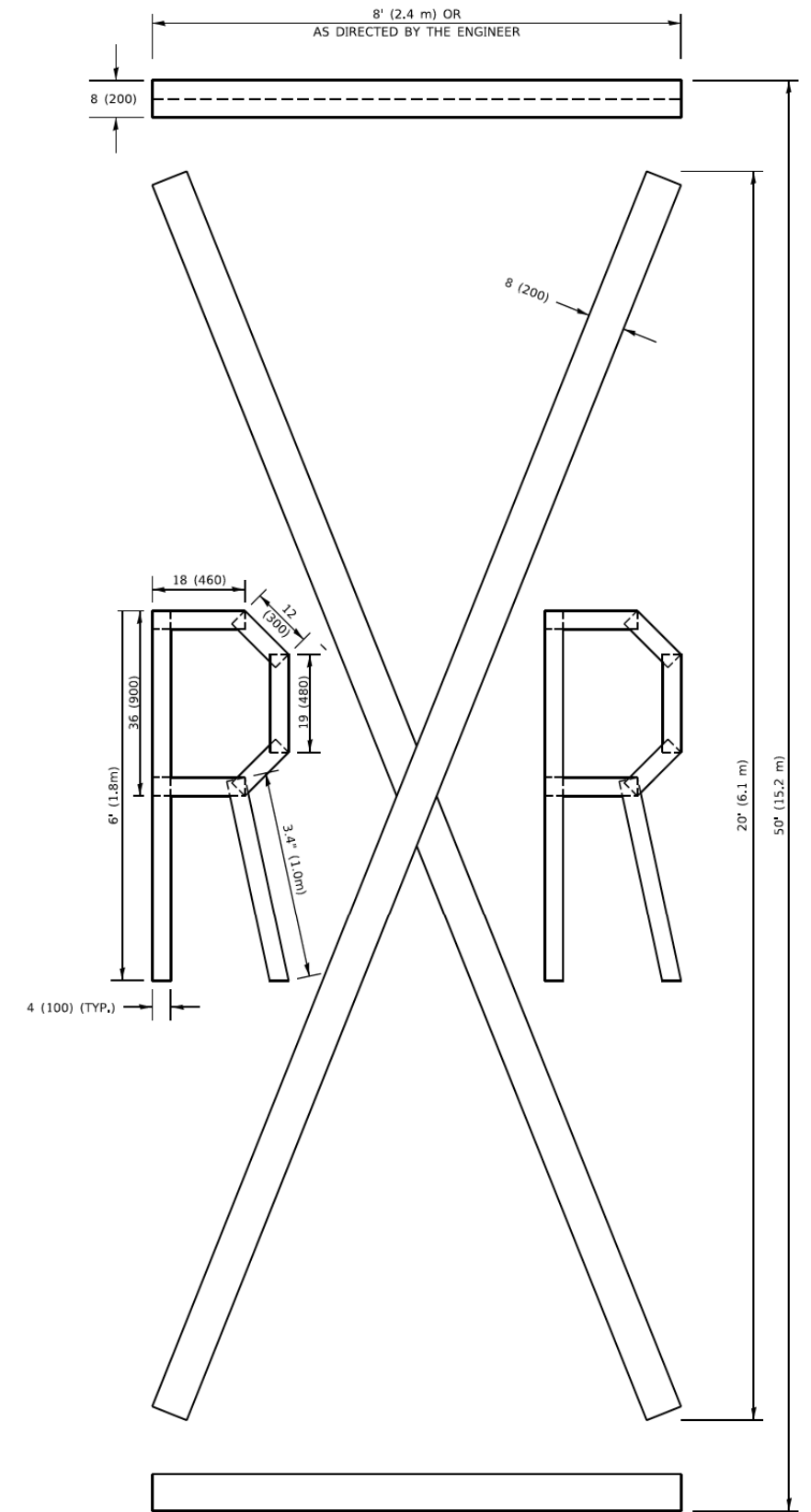


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

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

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

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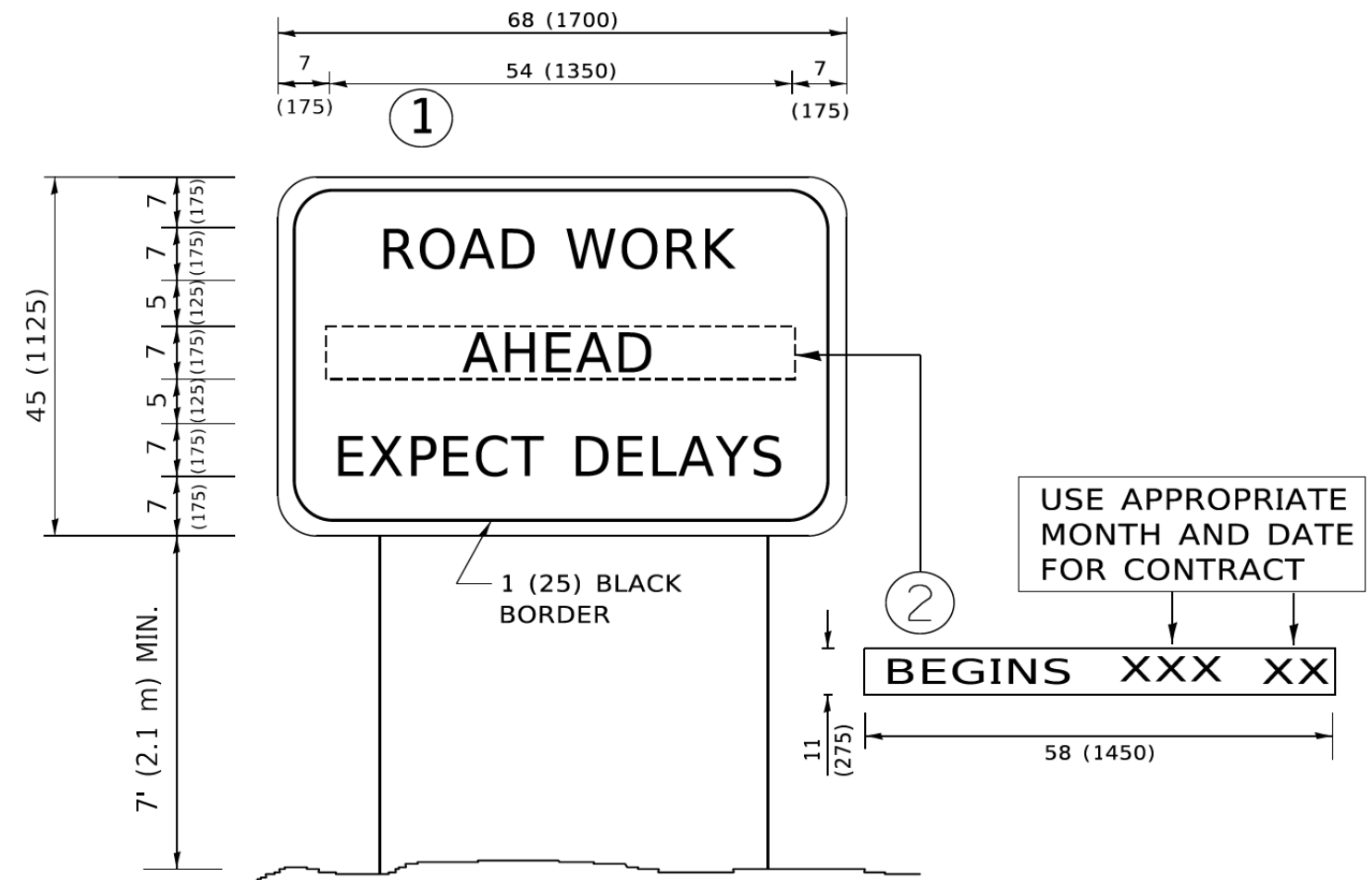
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	DRAWN -	REVISED - E. GOMEZ 08-28-00
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PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	93
TC-16		CONTRACT NO. 61K01		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

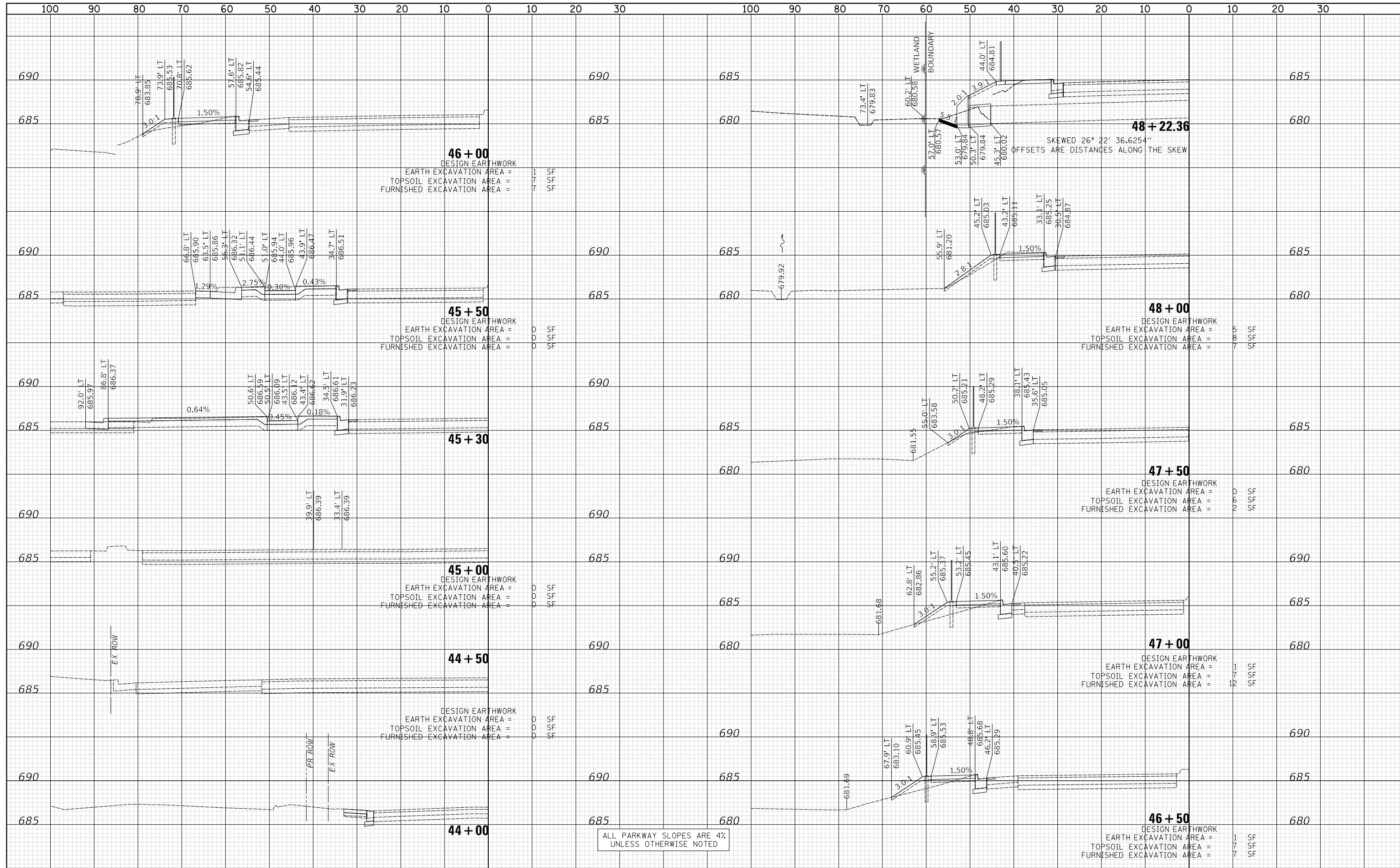
**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	94
TC-22			CONTRACT NO. 61K01	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



CIVILTECH
 Two Pierce Place, Suite 1400
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - JRR	REVISED -
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



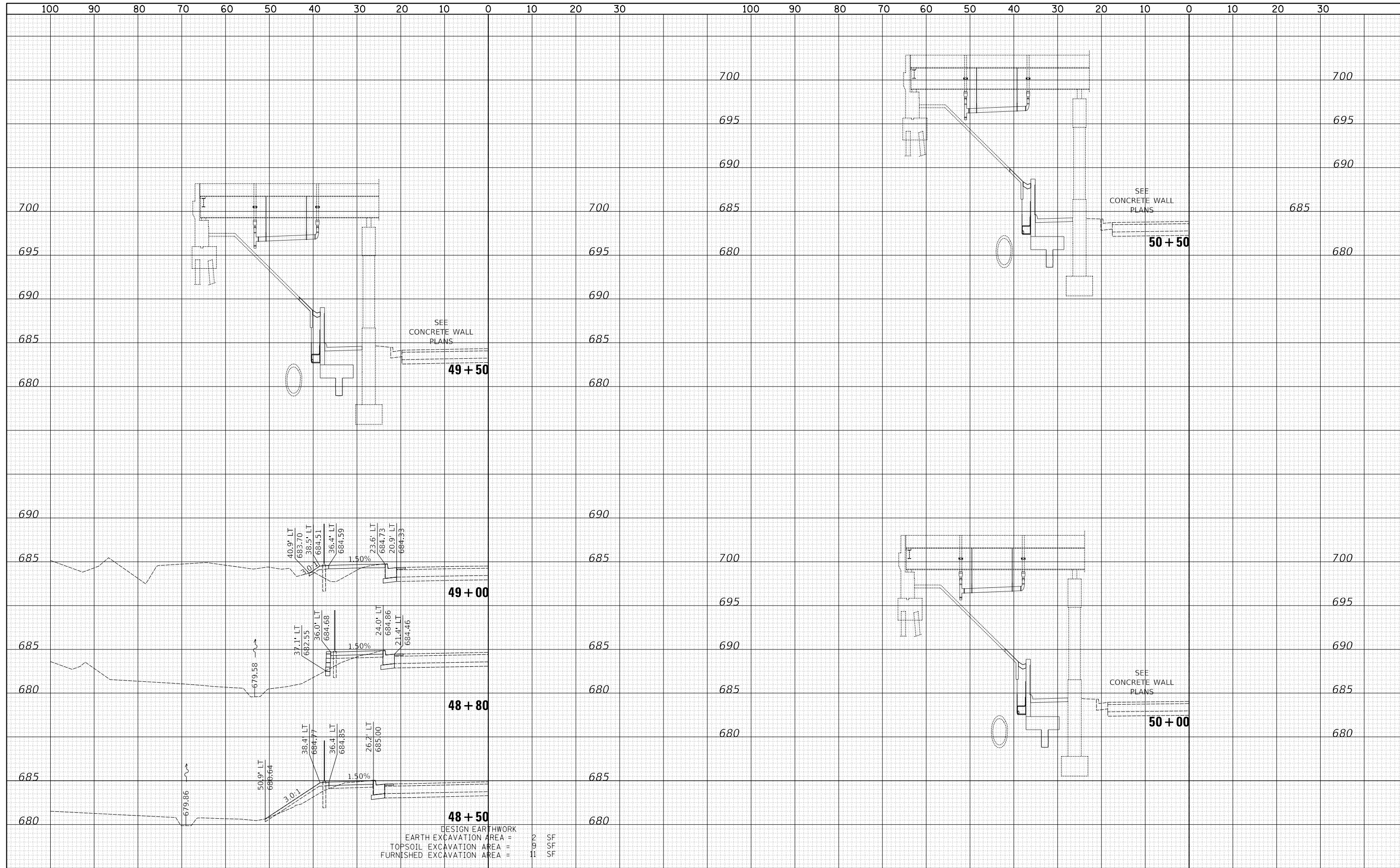
NORTH YORK STREET SIDEWALK IMPROVEMENT
CROSS SECTIONS - NORTH YORK STREET

SHEET NO. 1 OF 5 SHEETS | STA. 44+00 TO STA. 48+22.36

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	95
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

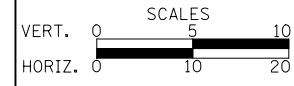


DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 2 SF
 TOPSOIL EXCAVATION AREA = 9 SF
 FURNISHED EXCAVATION AREA = 11 SF

CIVILTECH
 Two Pierce Place, Suite 1400
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - JRR	REVISED -
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



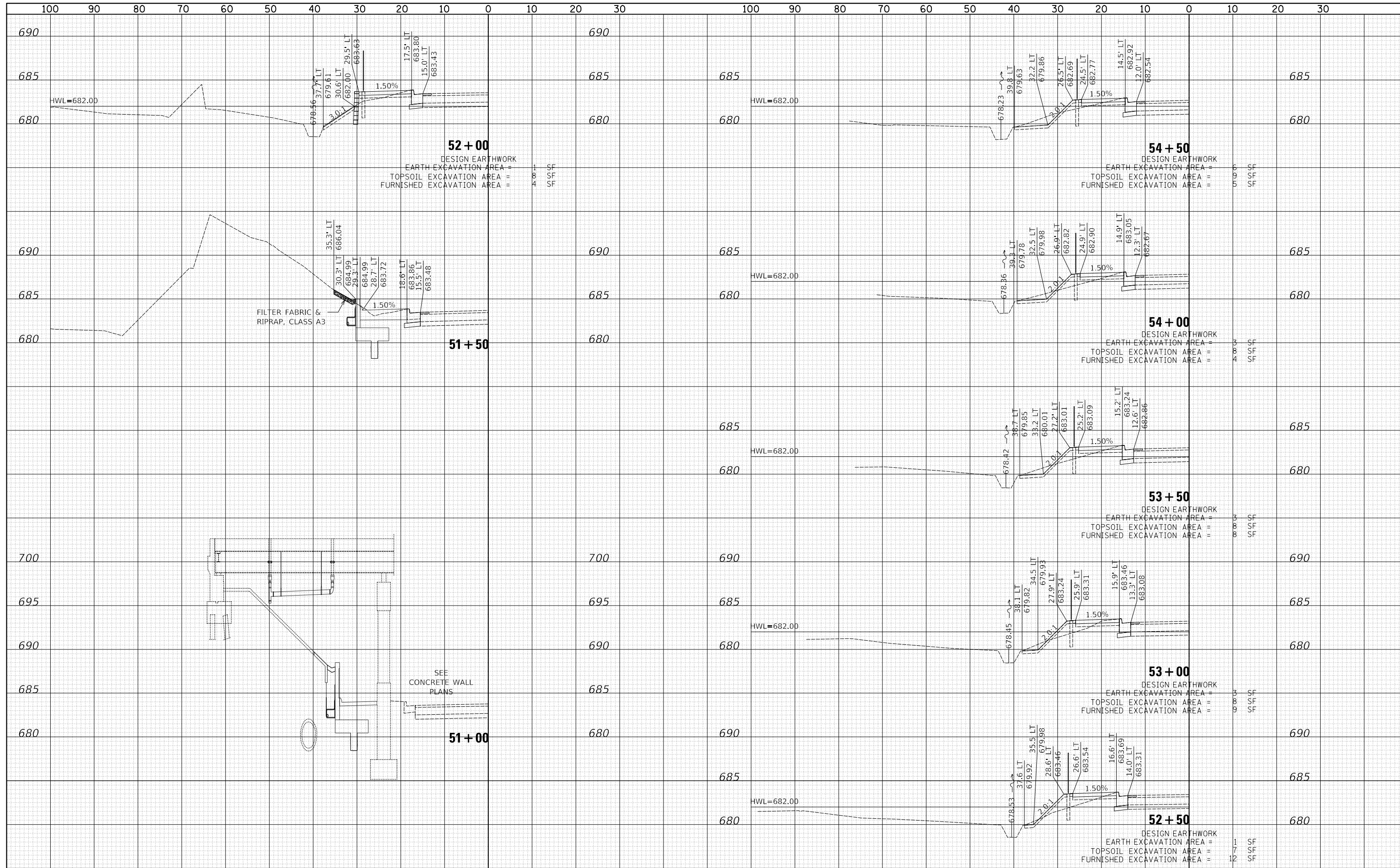
**NORTH YORK STREET SIDEWALK IMPROVEMENT
 CROSS SECTIONS - NORTH YORK STREET**

SHEET NO. 2 OF 5 SHEETS STA. 48+50 TO STA. 50+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	96
				CONTRACT NO. 61K01
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



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 Itasca, Illinois 60143
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DESIGNED - JRR	REVISED -
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



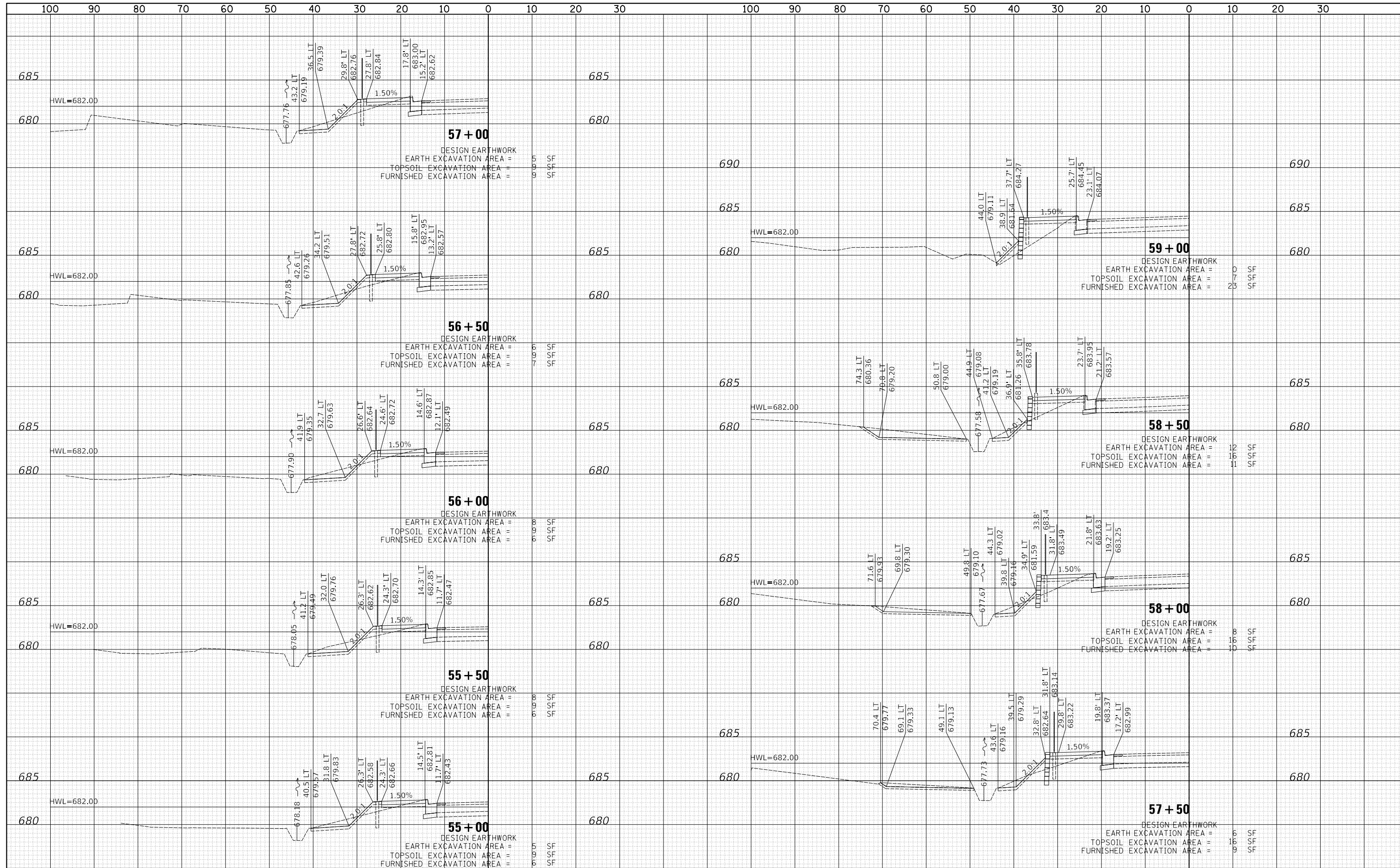
**NORTH YORK STREET SIDEWALK IMPROVEMENT
 CROSS SECTIONS - NORTH YORK STREET**

SHEET NO. 3 OF 5 SHEETS | STA. 51+00 TO STA. 54+50

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	97
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K01	

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

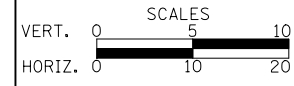
DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



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 Itasca, Illinois 60143
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 www.civiltechinc.com

DESIGNED - JRR	REVISED -
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



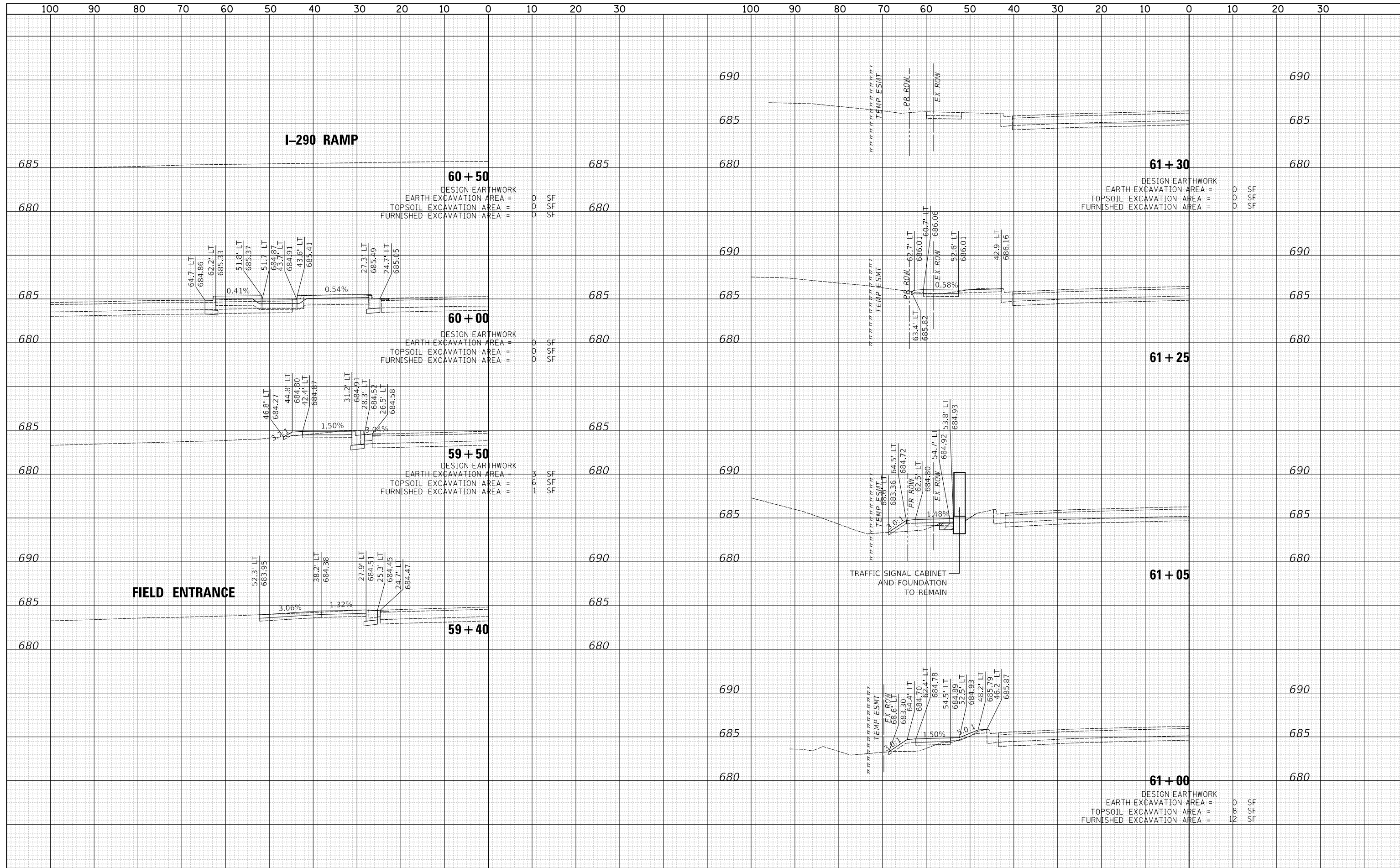
**NORTH YORK STREET SIDEWALK IMPROVEMENT
 CROSS SECTIONS - NORTH YORK STREET**

SHEET NO. 4 OF 5 SHEETS STA. 55+00 TO STA. 59+40

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	98
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



60 + 50
 DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 TOPSOIL EXCAVATION AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

60 + 00
 DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 TOPSOIL EXCAVATION AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

59 + 50
 DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 3 SF
 TOPSOIL EXCAVATION AREA = 6 SF
 FURNISHED EXCAVATION AREA = 1 SF

59 + 40
 DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 TOPSOIL EXCAVATION AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

61 + 30
 DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 TOPSOIL EXCAVATION AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

61 + 25
 DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 TOPSOIL EXCAVATION AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

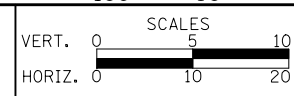
61 + 05
 DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 TOPSOIL EXCAVATION AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

61 + 00
 DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 TOPSOIL EXCAVATION AREA = 8 SF
 FURNISHED EXCAVATION AREA = 12 SF

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 Itasca, Illinois 60143
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 www.civiltechinc.com

DESIGNED - JRR	REVISED -
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 10/30/2024	REVISED -

CITY OF ELMHURST



**NORTH YORK STREET SIDEWALK IMPROVEMENT
 CROSS SECTIONS - NORTH YORK STREET**

SHEET NO. 5 OF 5 SHEETS STA. 59+50 TO STA. 61+30

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	99
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				