F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE		1
	ILLINOIS	CONTRACT NO. 61H91		

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

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 2678 (N. YORK STREET)
CRESTVIEW AVENUE TO GRAND AVENUE
ROADWAY RESURFACING
SECTION NO.: 20–00198–00–RS
PROJECT NO.: 0CWV(504)
CITY OF ELMHURST
DUPAGE COUNTY

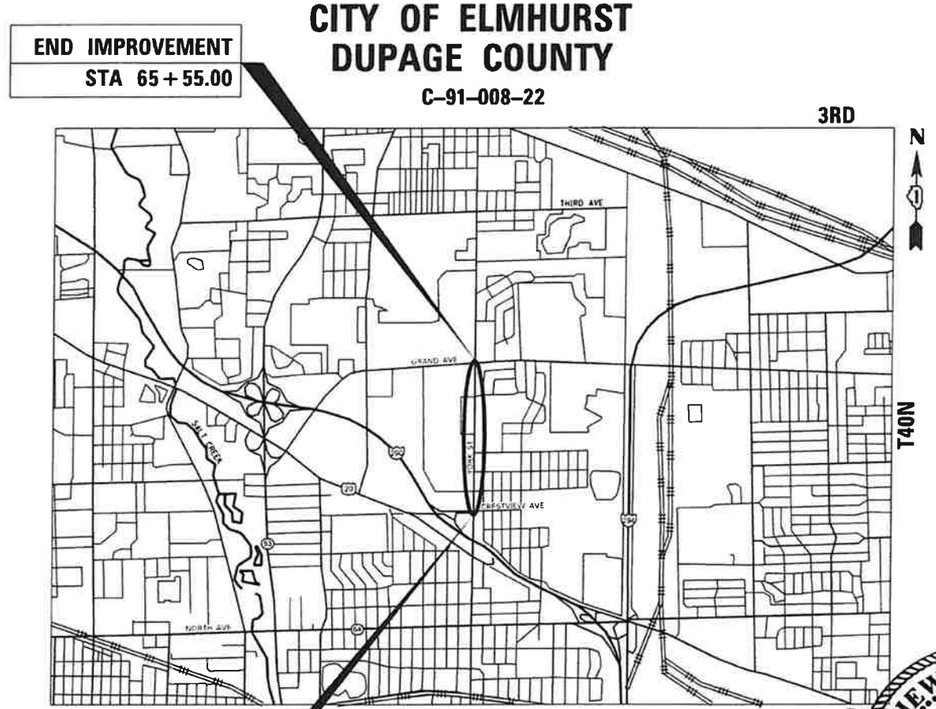
C–91–008–22

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

TRAFFIC DATA
EXISTING ADT = 23,500 (2016)
FUTURE ADT = 25,000 (2050)

SPEED LIMIT:
35 MPH (POSTED)

DESIGN DESIGNATION
MINOR ARTERIAL



LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 4,888.00 FT. = 0.93 MILE
NET LENGTH = 4,888.00 FT. = 0.93 MILE



LOCATION OF SECTION INDICATED THUS: –

100' 200' 300' — 1"= 100'
10' 20' 30' — 1"= 10'
1"= 50'
1"= 40'
1"= 30'
1"= 20'

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

CONSULTING ENGINEERS
BLA, Inc.
333 PIERCE ROAD SUITE 200 ITASCA, IL 60143
P:(630) 438 6400 F:(630) 438 6444 www.bla-inc.com

CONTRACT NO. 61H91

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Approved _____
KENT JOHNSON, CITY ENGINEER
CITY OF ELMHURST

Passed _____
District One Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review _____
Regional Engineer

MATTHEW T. CESARIO
062.066160
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

MATTHEW CESARIO
DATE 10-3-2022
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062.066160
MY LICENSE EXPIRES ON 11-30-23.

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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000001-08	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
001006	DECIMAL OF AN INCH & OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
606001-08	CONCRETE CURB TYPE B & COMB. CURB & GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM EDGE OF PVMT
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM EDGE OF PVMT
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OP., FOR SPEEDS ≤ 40MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
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701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
886001-01	DETECTOR LOOP INSTALLATION
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

COMMITTMENTS

NONE

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022 (HEREIN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2023; THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
2. 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.
3. 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.
4. 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
5. 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.
6. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, SIDEWALKS, PCC PAVEMENT, AND AS DIRECTED BY THE ENGINEER.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FRESH CONCRETE FROM DAMAGE AND VANDALISM. ANY DAMAGED OR VANDALIZED CONCRETE SHALL BE REMOVED AND REPLACED.
14. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MATCHING SHALL NOT EXCEED 1-1/2" WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1" WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH, WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3" MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
15. BUTT JOINT WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE DISTRICT DETAIL "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
16. FOR CLASS D PATCHING, CONTRACTOR SHALL MILL BEFORE PATCHING AS DIRECTED BY THE ENGINEER.
17. ALL ELEVATIONS ARE ON THE U.S.G.S. DATUM NAVD 88.
18. ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR ADA RAMPS, PAVEMENT MARKINGS, ETC. ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.
19. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
20. 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.
21. SUPPLEMENTAL WATERING SHALL BE PERFORMED WHEN DIRECTED BY THE ENGINEER AT A RATE OF 27 GAL PER SQ YD FOR SODDED AREAS.
22. 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.
23. ACTUAL LOCATION AND SIZE OF BASE PATCHES WILL BE DETERMINED IN THE FIELD. NO COMPENSATION WILL BE ALLOWED FOR UNUSED PATCHING QUANTITIES.
24. TREE ROOT PRUNING SHALL BE USED WHERE NECESSARY IN AREAS OF PROPOSED SIDEWALK AS DIRECTED BY THE ENGINEER.
25. CONTRACTOR SHALL USE CAUTION WHEN WORKING NEAR AND UNDER OVERHEAD UTILITY FACILITIES.
26. WHEN CONSTRUCTING 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.
27. 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.
28. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.
29. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
30. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS AND IN ACCORDANCE WITH IDOT SIGNING STANDARDS:
    a. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
    b. 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.
    c. 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.
    d. ALL UNUSED SIGNS WILL BE RETURNED TO THE: THE CITY OF ELMHURST
    e. LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
31. 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 PARKING RESTRICTIONS MUST BE APPROVED BY THE ENGINEER. ALL SIDE ROADS AND DRIVEWAY ENTRANCES SHALL BE MAINTAINED AT ALL TIMES. NO CLOSURES TO SIDE ROADS OR DRIVEWAYS SHALL OCCUR.
32. PROPOSED IMPROVEMENTS SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL IDOT HIGHWAY STANDARDS.
33. STOP SIGNS AND STOP BARS ARE TO BE MAINTAINED ON ALL ROADS THROUGH THE DURATION OF CONSTRUCTION.
34. POSITIVE DRAINAGE WITHIN THE WORK ZONE MUST BE MAINTAINED AT ALL TIMES.
35. THE DETECTABLE WARNINGS FOR THE ADA RAMP IMPROVEMENTS SHALL BE SUPPLIED / MANUFACTURER: ADA SOLUTIONS, INC AND SHALL BE THE CAST IN PLACT REPLACEABLE TACTILE PANELS. THE DETECTABLE WARNINGS SHALL BE APPROVED BY THE ENGINEER.
36. ANY ANTICIPATED CLOSURES TO PACE BUS STOPS FOR EXTENDED PERIODS OF TIME WILL REQUIRE A PUBLISHED NOTICE TO MAKE PUBLIC AWARE. RESIDENT ENGINEER SHALL PROVIDE PACE BUS WITH AT LEAST 2 WEEKS NOTICE OF CLOSURE.
37. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE 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.
38. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT THE CONTRACTOR EXPENSE.
39. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
40. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(B,C) OF THE SSRBC WILL NOT BE ALLOWED.

				CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
				ROADWAY	TRAFFIC SIGNALS	TRAINEES
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0021	0042
				URBAN	URBAN	URBAN
20101000	TEMPORARY FENCE	FOOT	188	188		
20101200	TREE ROOT PRUNING	EACH	6	6		
20200100	EARTH EXCAVATION	CU YD	810	810		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	44	44		
20800150	TRENCH BACKFILL	CU YD	5	5		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1720	1720		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1788	1788		
21101695	TOPSOIL FURNISH AND PLACE, 30"	SQ YD	610	610		
25100105	MULCH, METHOD 1	ACRE	0.39	0.39		
25200110	SODDING, SALT TOLERANT	SQ YD	1788	1788		
25200200	SUPPLEMENTAL WATERING	UNIT	97	97		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50	50		
28000510	INLET FILTERS	EACH	71	71		
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	573	573		

* SPECIAL PROVISION
\# SPECIALTY ITEM

				CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
				ROADWAY	TRAFFIC SIGNALS	TRAINEES
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 URBAN	0021 URBAN	0042 URBAN
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	633	633		
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	349	349		
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1604	1604		
35300060	PORTLAND CEMENT CONCRETE BASE COURSE, 4"	SQ YD	273	273		
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	54	54		
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	51	51		
35600704	HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	SQ YD	212	212		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	25779	25779		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	52	52		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	205	205		
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1934	1934		
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	88	88		
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	3862	3862		
42001300	PROTECTIVE COAT	SQ YD	2505	2505		

* SPECIAL PROVISION
\# SPECIALTY ITEM

				CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
				ROADWAY	TRAFFIC SIGNALS	TRAINEES
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 URBAN	0021 URBAN	0042 URBAN
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	162	162		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	12972	12972		
42400800	DETECTABLE WARNINGS	SQ FT	220	220		
44000100	PAVEMENT REMOVAL	SQ YD	964	964		
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	34408	34408		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	570	570		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1210	1210		
44000600	SIDEWALK REMOVAL	SQ FT	7389	7389		
44003100	MEDIAN REMOVAL	SQ FT	6018	6018		
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	172	172		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	258	258		
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	774	774		
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	516	516		
# 50300225	CONCRETE STRUCTURES	CU YD	144.4	144.4		

* SPECIAL PROVISION
\# SPECIALTY ITEM

					CONSTRUCTION CODE		
					STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
					ROADWAY	TRAFFIC SIGNALS	TRAINEES
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 URBAN	0021 URBAN	0042 URBAN
#	50300285	FORM LINER TEXTURED SURFACE	SQ FT	1549	1549		
#	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	11210	11210		
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	35	35		
	55100500	STORM SEWER REMOVAL 12"	FOOT	26	26		
	56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1		
#	58700300	CONCRETE SEALER	SQ FT	3919	3919		
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1		
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1		
	60500050	REMOVING CATCH BASINS	EACH	1	1		
	60500060	REMOVING INLETS	EACH	1	1		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2834	2834		
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	800	800		
	60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	29	29		
#	61100605	MISCELLANEOUS CONCRETE	CU YD	23.3	23.3		

* SPECIAL PROVISION
\# SPECIALTY ITEM

					CONSTRUCTION CODE		
					STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
					ROADWAY	TRAFFIC SIGNALS	TRAINEES
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 URBAN	0021 URBAN	0042 URBAN
#	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	225	225		
	66900530	SOIL DISPOSAL ANALYSIS	EACH	60	60		
#							
#	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
#	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
#	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	100	100		
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12		
	67100100	MOBILIZATION	L SUM	1	1		
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1		
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	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	360	360		

* SPECIAL PROVISION
\# SPECIALTY ITEM

				CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
				ROADWAY	TRAFFIC SIGNALS	TRAINEES
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0021	0042
				URBAN	URBAN	URBAN
70300100	SHORT TERM PAVEMENT MARKING	FOOT	33081	33081		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	6524	6524		
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	844	844		
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	14008	14008		
72000100	SIGN PANEL - TYPE 1	SQ FT	10.5		10.5	
72000200	SIGN PANEL - TYPE 2	SQ FT	37.5		37.5	
# 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	844	844		
# 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1049	1049		
# 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	547	547		
# 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	288	288		
# 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	12174	12174		
# 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	2247	2247		
# 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	12174	12174		
# 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2247	2247		

* SPECIAL PROVISION
\# SPECIALTY ITEM

					CONSTRUCTION CODE		
					STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0005 URBAN	TRAFFIC SIGNALS 0021 URBAN	TRAINEES 0042 URBAN
#	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	285		285	
#	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	160		160	
#	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	287		287	
#	81400100	HANDHOLE	EACH	5		5	
#	81400200	HEAVY-DUTY HANDHOLE	EACH	1		1	
#	81400300	DOUBLE HANDHOLE	EACH	1		1	
# *	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
#	86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1	
#	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	823		823	
#	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	560		560	
#	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1454		1454	
#	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1191		1191	
#	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1888		1888	
#	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	726		726	

* SPECIAL PROVISION
\# SPECIALTY ITEM

					CONSTRUCTION CODE		
					STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
					ROADWAY	TRAFFIC SIGNALS	TRAINEES
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 URBAN	0021 URBAN	0042 URBAN
#	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	50		50	
#	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	531		531	
#	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4		4	
#	87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1		1	
#	87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1		1	
#	87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1		1	
#	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1	
#	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16		16	
#	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4	
#	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10		10	
#	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39		39	
#	87900200	DRILL EXISTING HANDHOLE	EACH	1		1	
#	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5		5	
#	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3		3	

* SPECIAL PROVISION
\# SPECIALTY ITEM

					CONSTRUCTION CODE		
					STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
					ROADWAY	TRAFFIC SIGNALS	TRAINEES
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0021	0042
					URBAN	URBAN	URBAN
#	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6		6	
#	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5		5	
#	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8	
#	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10		10	
# *	88600600	DETECTOR LOOP REPLACEMENT	FOOT	702		702	
#	88700200	LIGHT DETECTOR	EACH	2		2	
#	88700300	LIGHT DETECTOR AMPLIFIER	EACH	2		2	
#	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
# *	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2		2	
# *	89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1		1	
# *	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1	
#	89502380	REMOVE EXISTING HANDHOLE	EACH	6		6	
# *	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1	
#	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		9	

* SPECIAL PROVISION
\# SPECIALTY ITEM

					CONSTRUCTION CODE		
					STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
					ROADWAY	TRAFFIC SIGNALS	TRAINEES
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 URBAN	0021 URBAN	0042 URBAN
#	A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14	14		
#	C20023G5	SHRUB, DIERVILLA LONICERA (BUSH HONEY SUCKLE), 5-GALLON	EACH	98	98		
#	C2C058G3	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), CONTAINER GROWN, 3-GALLON	EACH	58	58		
#	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	5	5		
#	K0026850	PERENNIAL PLANT CARE	SQ YD	625	625		
# *	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	10	10		
# *	K0036120	MULCH PLACEMENT 4"	SQ YD	251	251		
# *	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	825		825	
# *	X0324534	REMOVE AND REINSTALL LIGHT POLES	L SUM	1	1		
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	465		465	
# *	X0325970	SOIL CONDITIONER 3"	SQ YD	420	420		
# *	X0326806	WASHOUT BASIN	L SUM	1	1		
# *	X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1		1	
# *	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1	

* SPECIAL PROVISION
\# SPECIALTY ITEM

					CONSTRUCTION CODE		
					STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
					ROADWAY	TRAFFIC SIGNALS	TRAINEES
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 URBAN	0021 URBAN	0042 URBAN
# *	X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4	4		
# *	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3	3		
# *	X1400399	VIDEO DETECTION SYSTEM COMPLETE	EACH	1	1		
# *	X1700006	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL)	SQ FT	2700	2700		
# *	X2800001	IMPRINTED THERMOPLASTIC CROSSWALK	SQ YD	372	372		
*	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5	5		
*	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	46	46		
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	3	3		
# *	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	74	74		
# *	X8140115	HANDHOLE TO BE ADJUSTED	EACH	1		1	
# *	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1	
# *	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	823		823	
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8		8	
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12		12	

* SPECIAL PROVISION
\# SPECIALTY ITEM

					CONSTRUCTION CODE		
					STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
					ROADWAY	TRAFFIC SIGNALS	TRAINEES
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 URBAN	0021 URBAN	0042 URBAN
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
# *	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	51.4		
# *	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2		2	
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1	
*	Z0076600	TRAINEES	HOUR	500			500
*	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500			500

* SPECIAL PROVISION
\# SPECIALTY ITEM

BLA, Inc.

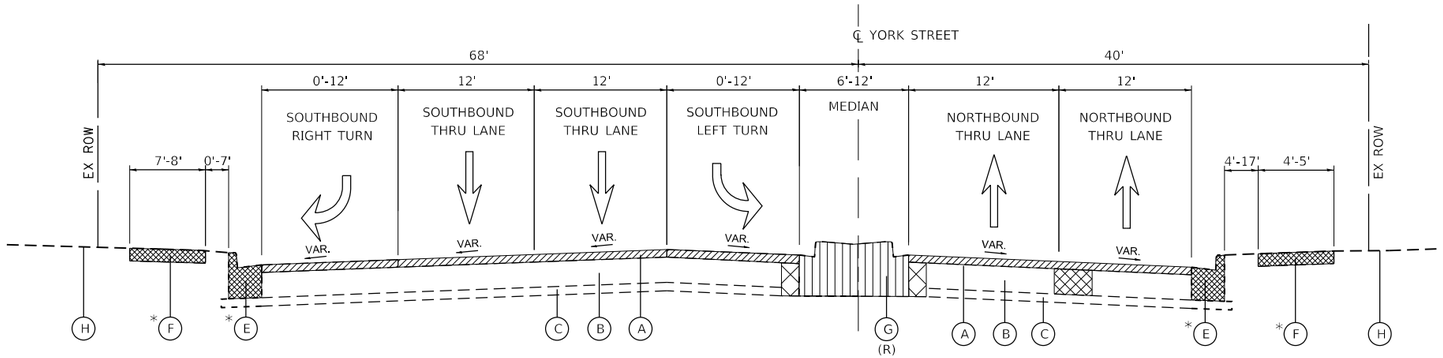
USER NAME = cesario	DESIGNED - MTC	REVISED -	
	DRAWN - MTC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MTC	REVISED -	
PLOT DATE = 11/22/2022	DATE - 11/02/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
SUMMARY OF QUANTITIES

SCALE:N.T.S. | SHEET 12 OF 12 SHEETS | STA. N/A | TO STA. N/A

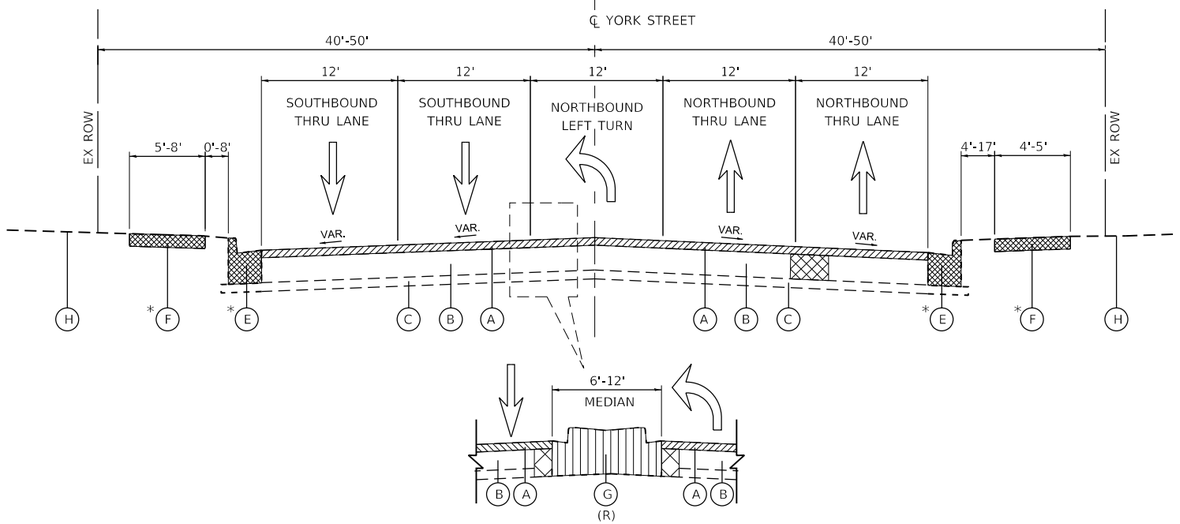
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	14
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



STA 16+73.00 TO STA 18+00.00

EXISTING TYPICAL SECTION

STA 16+67 TO STA 18+00, N. YORK STREET



STA 18+00 TO STA 22+18

EXISTING TYPICAL SECTION

STA 18+00 TO STA 22+18, N. YORK STREET
STA 24+35 TO STA 26+35, N. YORK STREET
STA 39+83 TO STA 42+42, N. YORK STREET
STA 53+74 TO STA 55+60, N. YORK STREET

EXISTING LEGEND

- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12 *
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24 *
- (F) EX. PCC SIDEWALK *
- (G) EX. MEDIAN (R)
- (H) EX. GROUND

REMOVAL LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3.0"
- PAVEMENT REMOVAL
- CLASS D PATCHES, 12" (TY I-IV) (AS DIRECTED BY THE ENGINEER)
- MEDIAN REMOVAL
- SIDEWALK REMOVAL / CURB AND GUTTER REMOVAL
- EARTH EXCAVATION

(R) ITEMS TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLAN SHEETS

* ITEMS TO BE REMOVED AND REPLACED AT LOCATIONS INDICATED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER

BLA, Inc.

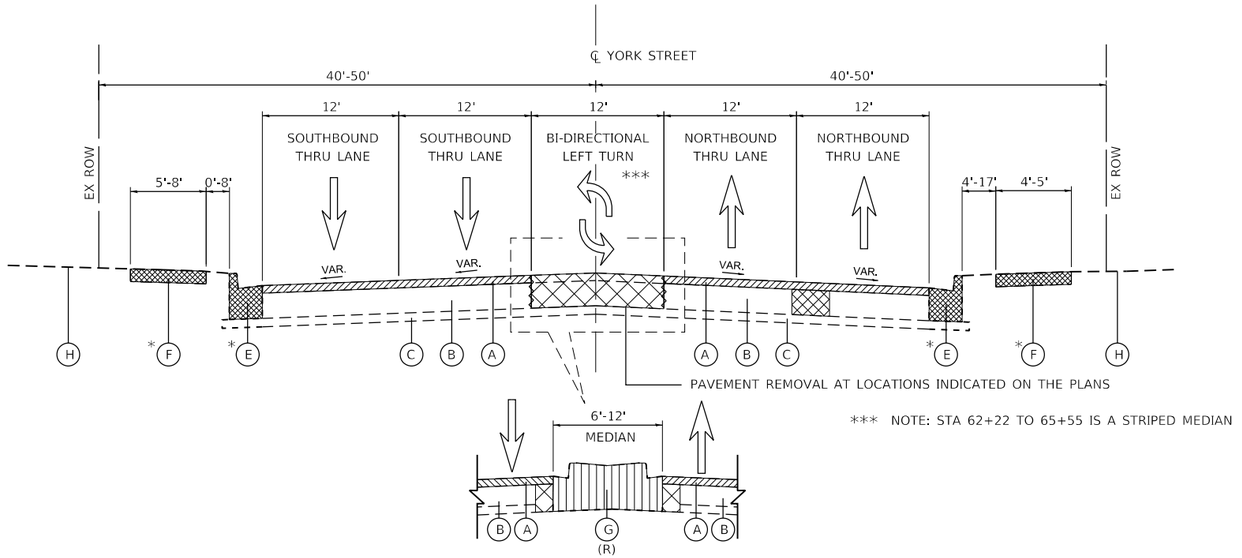
USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
TYPICAL SECTIONS – EXISTING

SCALE: N.T.S. | SHEET 1 OF 6 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	15
		CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			



*** NOTE: STA 62+22 TO 65+55 IS A STRIPED MEDIAN

STA 22+18.00 TO STA 24+35

EXISTING TYPICAL SECTION

STA 26+35 TO STA 29+75, N. YORK STREET
STA 31+42 TO STA 36+34, N. YORK STREET
STA 38+85 TO STA 39+83, N. YORK STREET
STA 42+42 TO STA 53+74, N. YORK STREET
STA 58+00 TO STA 65+55, N. YORK STREET

EXISTING LEGEND

- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12*
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24*
- (F) EX. PCC SIDEWALK*
- (G) EX. MEDIAN (R)
- (H) EX. GROUND

REMOVAL LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3.0"
- PAVEMENT REMOVAL
- CLASS D PATCHES, 12" (TY I-IV) (AS DIRECTED BY THE ENGINEER)
- MEDIAN REMOVAL
- SIDEWALK REMOVAL / CURB AND GUTTER REMOVAL
- EARTH EXCAVATION

(R) ITEMS TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLAN SHEETS

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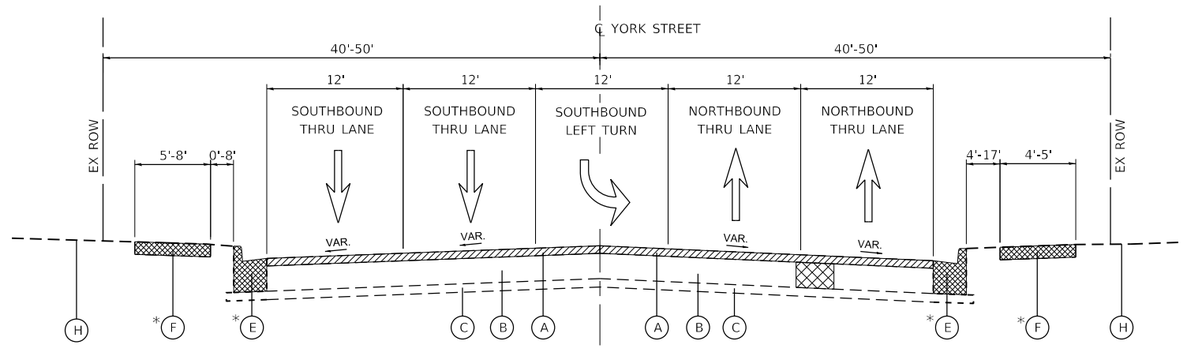
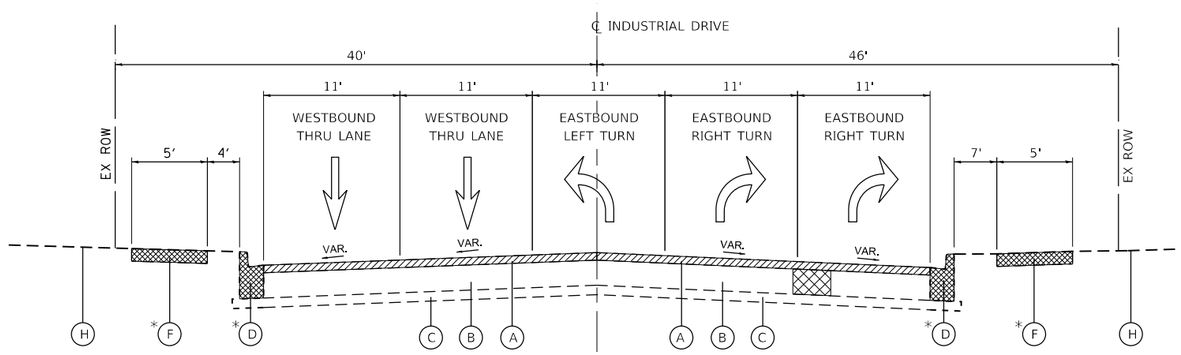


EXISTING TYPICAL SECTION

STA 29+75 TO STA 31+42, N. YORK STREET
STA 36+34 TO STA 38+85, N. YORK STREET
STA 55+60 TO STA 58+00, N. YORK STREET

BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH YORK STREET – ROADWAY REHABILITATION TYPICAL SECTIONS – EXISTING
		DRAWN - MTC	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -		
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -		SCALE: N.T.S. | SHEET 2 OF 6 SHEETS | STA. N/A | TO STA. N/A

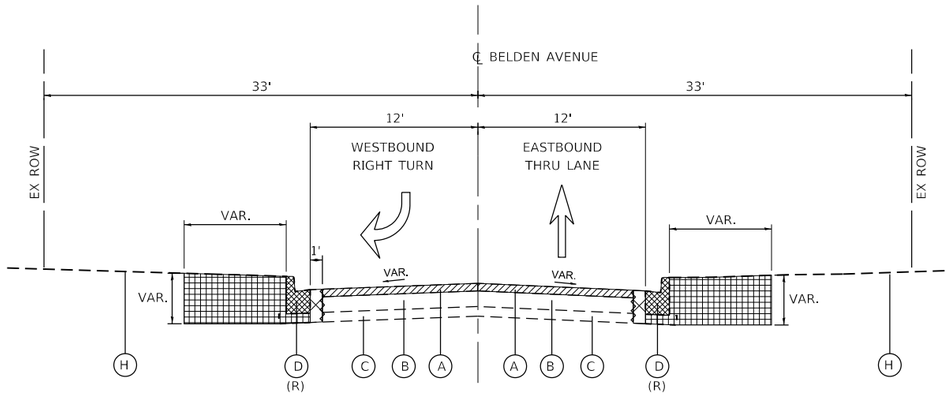
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	16
		CONTRACT NO. 61H91		
	ILLINOIS | FED. AID PROJECT			



EXISTING TYPICAL SECTION

STA 104+42.00 TO STA 105+12.00, INDUSTRIAL DRIVE

STA 105+12.00 TO STA 105+77 OMITTED
STATION RANGE IS THE INTERSECTION OF N. YORK STREET
COVERED IN THE N. YORK STREET TYPICAL SECTIONS



EXISTING TYPICAL SECTION

STA 105+77.00 TO STA 107+95.00, BELDEN AVENUE

STA 105+12.00 TO STA 105+77 OMITTED
STATION RANGE IS THE INTERSECTION OF N. YORK STREET
COVERED IN THE N. YORK STREET TYPICAL SECTIONS

EXISTING LEGEND

- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12*
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24*
- (F) EX. PCC SIDEWALK*
- (G) EX. MEDIAN (R)
- (H) EX. GROUND

REMOVAL LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3.0"
- PAVEMENT REMOVAL
- CLASS D PATCHES, 12" (TY I-IV) (AS DIRECTED BY THE ENGINEER)
- MEDIAN REMOVAL
- SIDEWALK REMOVAL / CURB AND GUTTER REMOVAL
- EARTH EXCAVATION

(R) ITEMS TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLAN SHEETS

* ITEMS TO BE REMOVED AND REPLACED AT LOCATIONS INDICATED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER

BLA, Inc.

USER NAME = cesario	DESIGNED - MTC	REVISED -
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PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
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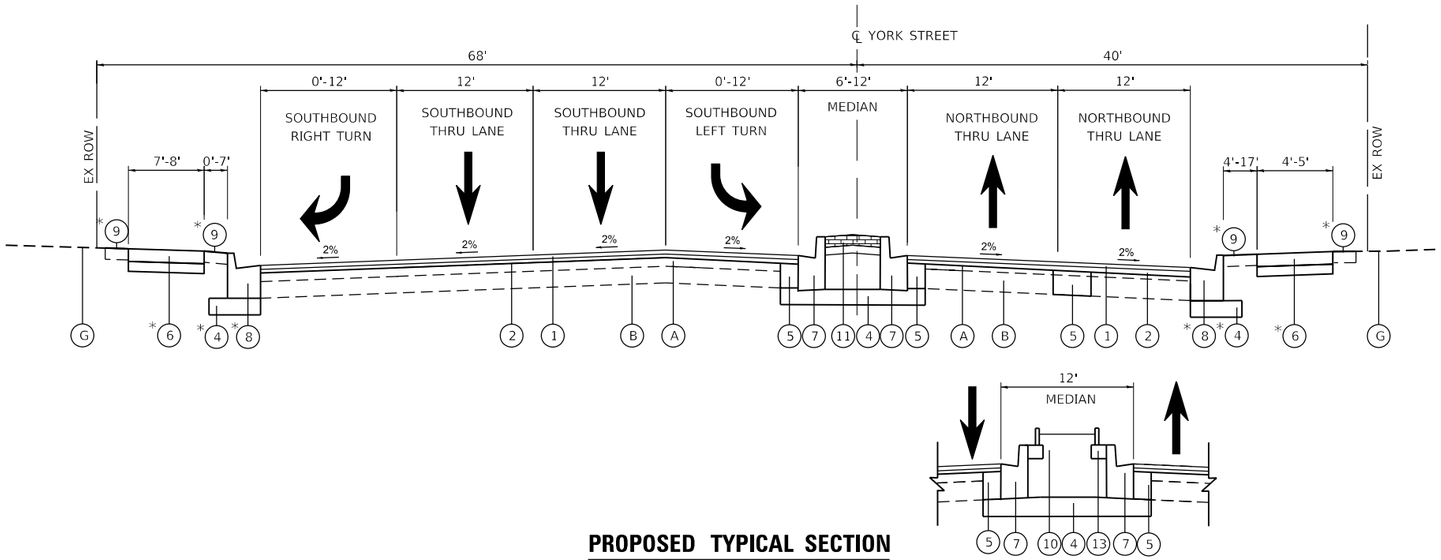
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
TYPICAL SECTIONS – EXISTING

SCALE: N.T.S. | SHEET 3 OF 6 SHEETS | STA. N/A | TO STA. N/A

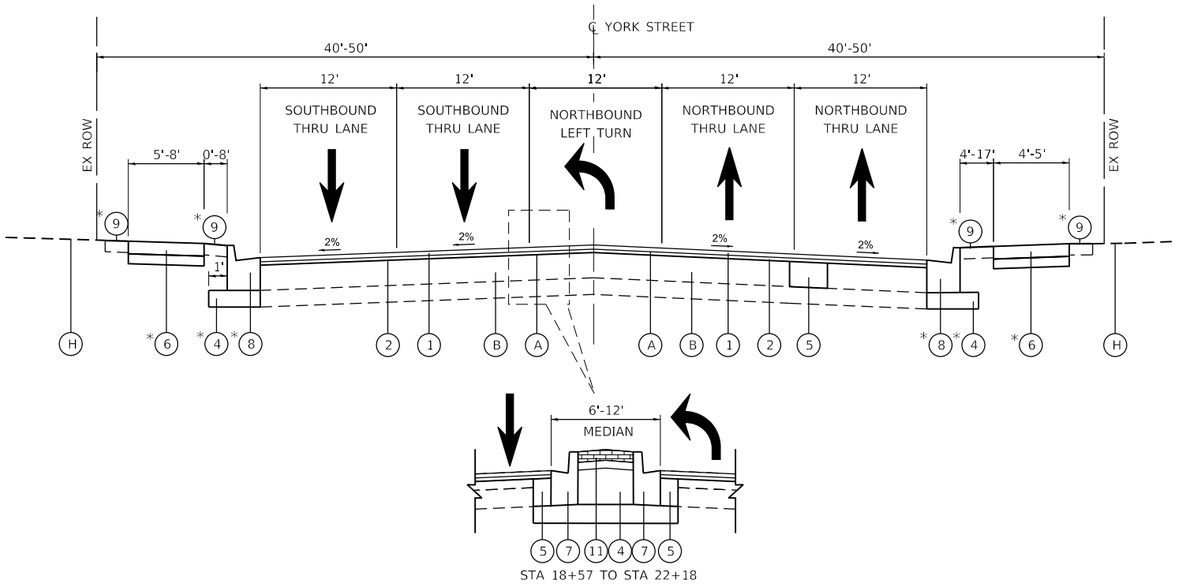
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	17
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL SECTION

STA 16+67 TO STA 18+57, N. YORK STREET

STA 17+10 TO STA 17+87, N. YORK STREET



STA 18+57 TO STA 22+18

PROPOSED TYPICAL SECTION

STA 18+57 TO STA 22+18, N. YORK STREET
STA 24+35 TO STA 26+35, N. YORK STREET
STA 39+83 TO STA 42+42, N. YORK STREET
STA 53+74 TO STA 55+60, N. YORK STREET

EXISTING LEGEND

- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24
- (F) EX. PCC SIDEWALK
- (G) EX. MEDIAN
- (H) EX. GROUND

PROPOSED LEGEND

- (1) POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 2"
- (2) POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 7"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) CLASS D PATCHES, 12" (TY. I-IV)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
  AGGREGATE BASE COURSE, TY. B 4"
- (7) COMB. CONCRETE CURB AND GUTTER, TYPE B-6.12
- (8) COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- (9) SODDING SALT TOLERANT
  TOPSOIL FURNISH & PLACE, 4"
- (10) TOPSOIL FURNISH & PLACE, 30"
- (11) STAMPED COLORED PCC & MEDIAN SURFACE 4 INCH(SPECIAL)
  AGGREGATE BASE COURSE, TY. B 4"
- (12) HOT-MIXT ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (13) MEDIAN PLANTER (REFER TO STRUCTURAL PLANS)

* ITEMS TO BE REMOVED AND REPLACED AT LOCATIONS INDICATED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER

HMA MIXTURE REQUIREMENTS CHART

MIXTURE TYPE	AIR VOIDS	THICKNESS	QMP
ROADWAY RESURFACING			
POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	4% @ 70 GYR.	2.0"	LR1030-2
POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR.	1.0"	LR1030-2
ROADWAY WIDENING & RESURFACING (BELDEN AVENUE)			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 GYR.	2.0"	LR1030-2
POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR.	1.0"	LR-1030-2
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0)	4% @ 50 GYR.	7.0"	LR1030-2
DRIVEWAY RECONSTRUCTION			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 GYR.	2.0"	LR1030-2
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0)	4% @ 50 GYR.	PE: 6"/CE: 8"	LR1030-2
PATCHING			
CLASS D PATCHES, TYPE I-IV, (HMA BINDER IL-19.0)	4% @ 50 GYR.	12"	LR1030-2
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA) PER LR1030-2			

NOTE:

THE UNIT WEIGHT USED TO CALCULATE ALL HOT MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

THE CONTRACTOR SHALL MILL BEFORE PATCHING.

BLA, Inc.

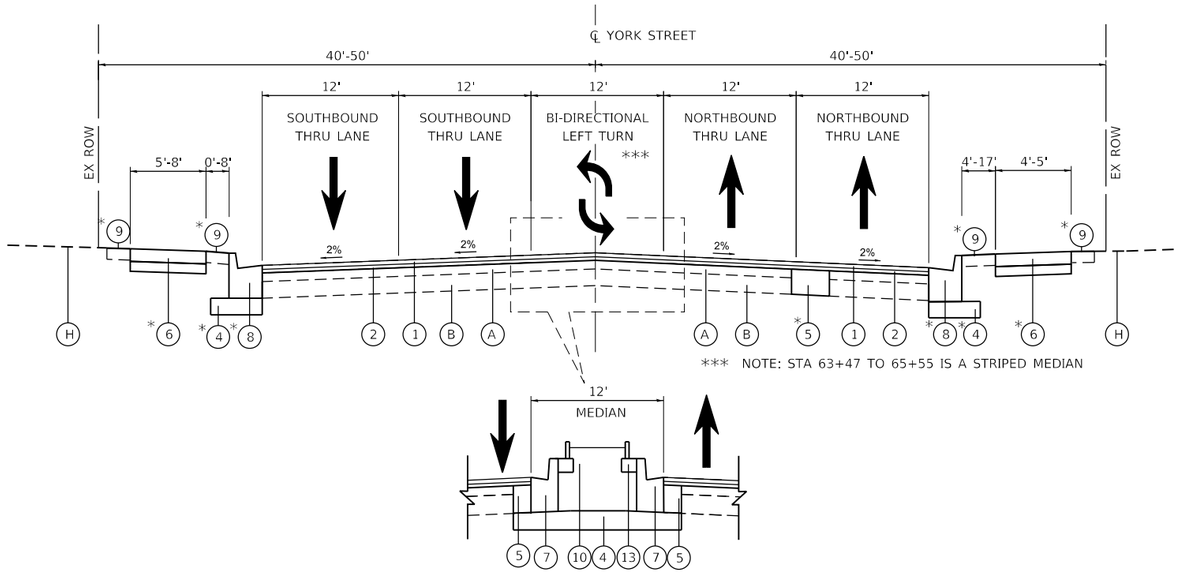
USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
TYPICAL SECTIONS – PROPOSED

SCALE: N.T.S. | SHEET 4 OF 6 SHEETS | STA. N/A | TO STA. N/A

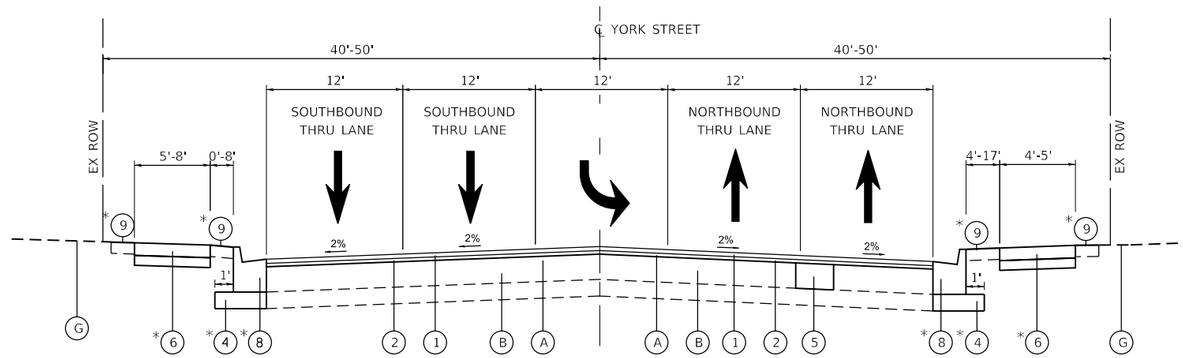
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	18
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



STA 26+87 TO STA 29+10, N. YORK STREET
STA 38+85 TO STA 39+83, N. YORK STREET
STA 43+22 TO STA 44+09, N. YORK STREET
STA 46+77 TO STA 48+01, N. YORK STREET
STA 62+59 TO STA 63+39, N. YORK STREET

PROPOSED TYPICAL SECTION

STA 31+42 TO STA 36+34, N. YORK STREET
STA 44+15 TO STA 46+79, N. YORK STREET
STA 48+07 TO STA 53+74, N. YORK STREET
STA 58+00 TO STA 62+52, N. YORK STREET



PROPOSED TYPICAL SECTION

STA 22+18 TO STA 24+35, N. YORK STREET
STA 29+75 TO STA 31+42, N. YORK STREET
STA 36+34 TO STA 38+85, N. YORK STREET
STA 55+60 TO STA 58+00, N. YORK STREET

EXISTING LEGEND

- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24
- (F) EX. PCC SIDEWALK
- (G) EX. MEDIAN
- (H) EX. GROUND

PROPOSED LEGEND

- (1) POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 2"
- (2) POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 7"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) CLASS D PATCHES, 12" (TY. I-IV)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
  AGGREGATE BASE COURSE, TY. B 4"
- (7) COMB. CONCRETE CURB AND GUTTER, TYPE B-6.12
- (8) COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- (9) SODDING SALT TOLERANT
  TOPSOIL FURNISH & PLACE, 4"
- (10) TOPSOIL FURNISH & PLACE, 30"
- (11) STAMPED COLORED PCC & MEDIAN SURFACE 4 INCH(SPECIAL)
  AGGREGATE BASE COURSE, TY. B 4"
- (12) HOT-MIXT ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (13) MEDIAN PLANTER (REFER TO STRUCTURAL PLANS)

* ITEMS TO BE REMOVED AND REPLACED AT LOCATIONS INDICATED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER

BLA, Inc.

USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
	DRAWN - MTC	REVISED -
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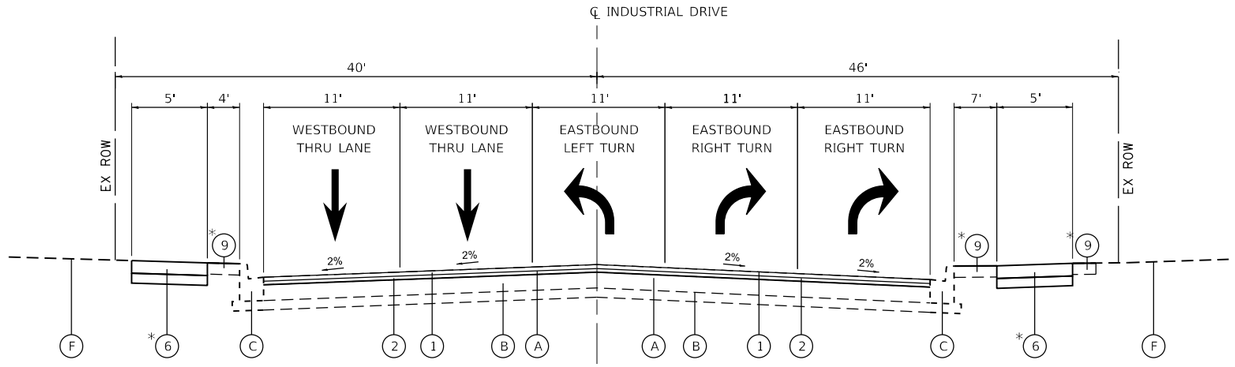
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
TYPICAL SECTIONS – PROPOSED

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. N/A | TO STA. N/A

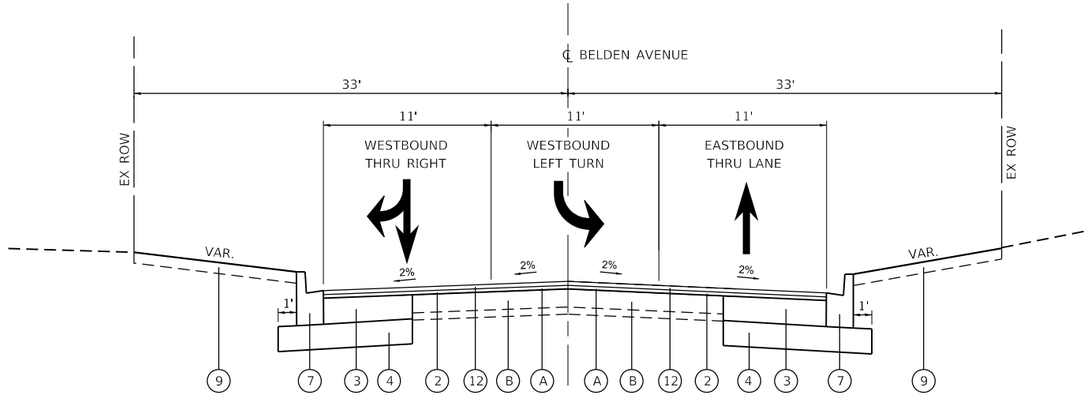
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	19
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL SECTION

STA 104+42.00 TO STA 105+12.00, INDUSTRIAL DRIVE

STA 105+12.00 TO STA 105+77 OMITTED
STATION RANGE IS THE INTERSECTION OF N. YORK STREET
COVERED IN THE N. YORK STREET TYPICAL SECTIONS



PROPOSED TYPICAL SECTION

STA 105+77.00 TO STA 107+95.00, BELDEN AVENUE

STA 105+12.00 TO STA 105+77 OMITTED
STATION RANGE IS THE INTERSECTION OF N. YORK STREET
COVERED IN THE N. YORK STREET TYPICAL SECTIONS

EXISTING LEGEND

- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24
- (F) EX. PCC SIDEWALK
- (G) EX. MEDIAN
- (H) EX. GROUND

PROPOSED LEGEND

- (1) POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 2"
- (2) POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 7"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) CLASS D PATCHES, 12" (TY. I-IV)
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- (7) COMB. CONCRETE CURB AND GUTTER, TYPE B-6.12
- (8) COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- (9) SODDING SALT TOLERANT
  TOPSOIL FURNISH & PLACE, 4"
- (10) TOPSOIL FURNISH & PLACE, 30"
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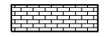
  AGGREGATE BASE COURSE, TY. B 4" 
- (12) HOT-MIXT ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (13) MEDIAN PLANTER (REFER TO STRUCTURAL PLANS)

* ITEMS TO BE REMOVED AND REPLACED AT LOCATIONS INDICATED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
TYPICAL SECTIONS – PROPOSED

SCALE: N.T.S. | SHEET 6 OF 6 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	20
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		

EARTHWORK QUANTITIES SUMMARY TABLE - BELDEN AVENUE

EARTH EXCAVATION (CU YD)	ADJUSTED EARTH EXCAVATION (15%) (CU YD)	EMBANKMENT (CU YD)	BALANCE WASTE (+) OR SHORTAGE (-)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIALS (CU YD)
810	688.5	0	688.5	44.3

LANDSCAPING

STATION FROM	STATION TO	OFFSET (LT / RT)	TOPSOIL FURNISH & PLACE, 4" (SQ YD) (21101615)	TOPSOIL FURNISH & PLACE, 30" (SQ YD) (21101695)	SODDING, SALT TOLERANT (SQ YD) (25200110)	MULCH, METHOD 1 (ACRE) (25100105)
N YORK STREET						
16+67.00	21+00.00	LT / RT	5	64	5	0.01
21+00.00	27+00.00	LT / RT	392	14	392	0.08
27+00.00	33+00.00	LT / RT	105	207	105	0.06
33+00.00	39+00.00	LT / RT	26	0	26	0.01
39+00.00	45+00.00	LT / RT	159	89	159	0.05
45+00.00	51+00.00	LT / RT	144	129	144	0.06
51+00.00	57+00.00	LT / RT	218	0	218	0.05
57+00.00	63+00.00	LT / RT	50	49	50	0.02
63+00.00	65+00.00	LT / RT	149	58	149	0.04
BELDEN AVENUE						
106+00.00	107+95.00	LT / RT	540	0	540	0.00
		TOTAL:	1,788	610	1,788	0.39

TREE ROOT PRUNING

BELDEN AVE

STATION	OFFSET	LT / RT	QUANTITY (EA)
106+06.55	30.70	LT	1
106+09.00	29.72	LT	1
106+51.27	25.59	LT	1
106+72.88	29.13	LT	1
107+40.29	19.48	RT	1
107+49.09	20.51	LT	1
PAY CODE 20101200			6

TEMPORARY FENCE

BELDEN AVE

STATION	OFFSET	LT / RT	QUANTITY (FT)
106+06.55	30.70	LT	31
106+09.00	29.72	LT	31
106+51.27	25.59	LT	31
106+72.88	29.13	LT	31
107+40.29	19.48	RT	31
107+49.09	20.51	LT	31
PAY CODE 20101000			188

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

STATION FROM	STATION TO	OFFSET (LT / RT)	AREA (SQ YD)
N YORK STREET			
16+67.00	16+72.00	LT / RT	47
29+44.00	29+69.00	RT	13
36+09.00	36+32.00	RT	12
42+45.00	42+84.00	LT	22
55+65.00	55+95.00	LT	15
55+99.00	56+25.00	RT	15
65+50.00	65+55.00	LT / RT	36
BELDEN AVENUE			
104+42.00	104+47.00	LT / RT	32
107+90.00	107+95.00	LT / RT	12
PAY CODE 40600982			205

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

STATION FROM	STATION TO	OFFSET (LT / RT)	QUANTITY (TON)
N YORK STREET			
106+00.00	107+95.00	LT / RT	76
PAY CODE 40604060			76

POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50

STATION FROM	STATION TO	OFFSET (LT / RT)	QUANTITY (TON)
N YORK STREET			
16+67.00	21+00.00	LT / RT	195
21+00.00	27+00.00	LT / RT	276
27+00.00	33+00.00	LT / RT	220
33+00.00	39+00.00	LT / RT	223
39+00.00	45+00.00	LT / RT	218
45+00.00	51+00.00	LT / RT	210
51+00.00	57+00.00	LT / RT	242
57+00.00	63+00.00	LT / RT	217
63+00.00	65+55.00	LT / RT	96
BELDEN AVENUE			
106+00.00	107+95.00	LT / RT	37
PAY CODE 40603200			1,934

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70

STATION FROM	STATION TO	OFFSET (LT / RT)	QUANTITY (TON)
N YORK STREET			
16+67.00	21+00.00	LT / RT	397
21+00.00	27+00.00	LT / RT	561
27+00.00	33+00.00	LT / RT	449
33+00.00	39+00.00	LT / RT	453
39+00.00	45+00.00	LT / RT	443
45+00.00	51+00.00	LT / RT	428
51+00.00	57+00.00	LT / RT	492
57+00.00	63+00.00	LT / RT	442
63+00.00	65+55.00	LT / RT	196
PAY CODE 40604172			3,862

BITUMINOUS MATERIALS (TACK COAT)

LOCATION	OFFSET (LT / RT)	AREA (SQ YD)	AREA (SQ FT)	APPLICATION RATE	QUANTITY (POUNDS)
Milled Surface - Resurfacing	LT / RT	34,408	309,672	0.050	15,484
Btw Binder & Surface - Resurfacing	LT / RT	34,408	309,672	0.025	7,742
Btw Aggregate Subgrade	LT / RT	360	3,240	0.050	162
Btw Binder & Surface - Widening	LT / RT	212	1,908	0.025	48
PAY CODE 40600290				SUBTOTAL	23,435
				10% CONTINGENCY	2,344
				TOTAL	25,779

INLET FILTERS

STATION	OFFSET (LT / RT)	QUANTITY (EACH)
N YORK STREET		
16+60.94	31.89' RT	1.0
17+18.76	1.20' RT	1.0
18+12.56	53.59' LT	1.0
19+01.02	4.48' RT	1.0
19+01.19	31.37' RT	1.0
20+14.70	52.37' LT	1.0
23+82.94	32.00' RT	1.0
25+28.03	32.00' LT	1.0
26+55.39	30.00' RT	1.0
26+60.75	32.00' LT	1.0
26+69.49	30.44' RT	1.0
27+86.30	30.00 RT	1.0
28+83.10	32.06' LT	1.0
28+88.34	31.50' RT	1.0
30+22.11	30.50' LT	1.0
31+28.65	31.00' RT	1.0
31+47.77	31.00' LT	1.0
32+36.81	31.00 'LT	1.0
32.38.00	31.00' RT	1.0
32+51.48	32.00' LT	1.0
32+53.06	31.00' RT	1.0
33+24.36	32.00' RT	1.0
33+58.87	31.30' LT	1.0
34+39.48	31.00' RT	1.0
34+67.90	31.00' LT	1.0
37+03.17	30.38' LT	1.0
37+61.77	31.00' LT	1.0
37+72.49	31.00' RT	1.0
39+14.64	31.00' RT	1.0
39+32.29	31.00' LT	1.0
40+76.53	31.00' RT	1.0
41+03.54	31.00' LT	1.0
42+37.32	32.00' RT	1.0
42+45.59	59.49' LT	1.0
42+45.59	59.49' LT	1.0
42+83.34	59.73' LT	1.0
42+97.95	31.00' LT	1.0
44+01.29	31.00' RT	1.0
45+68.91	31.00' RT	1.0
45+68.91	31.00' RT	1.0
47+02.56	31.00' RT	1.0
47+08.73	31.00' LT	1.0
47+18.14	31.00' LT	1.0
48+18.18	31.00' LT	1.0
48+26.59	31.00' RT	1.0
49+10.50	31.00' RT	1.0
49+30.15	31.00' LT	1.0
50+60.63	31.00' LT	1.0
50+64.88	31.00' RT	1.0
52+72.77	31.00' RT	1.0
52+95.44	31.00' LT	1.0
54+03.74	31.00' LT	1.0
54+71.09	31.00' LT	1.0
54+76.60	31.00' LT	1.0
54+76.60	31.00' RT	1.0
54+85.79	31.00' RT	1.0
56+24.07	59.16' RT	1.0
56+56.45	31.00' LT	1.0
56+67.52	31.00' LT	1.0
57+30.59	30.33' LT	1.0
58+57.47	31.00' LT	1.0
58+61.27	31.00' RT	1.0
60+55.50	31.00' LT	1.0
60+59.67	31.00' RT	1.0
62+92.59	33.33' RT	1.0
62+92.59	32.77' LT	1.0
65+31.62	34.48' LT	1.0
65+29.91	34.57' RT	1.0
BELDEN AVENUE		
104+28.29	29.88 RT	1.0
104+29.02	27.09 LT	1.0
106+21.69	17.30 RT	1.0
106+21.69	17.30 LT	1.0
PAY CODE 28000510		71

PROTECTIVE COAT

COMB. CURB AND GUTTER TYPE-B 6.12

STATION FROM	STATION TO	LENGTH (FEET)	APPLICATION (SQ FEET / LF)	AREA (SQ FEET)	AREA (SQ YARD)
15+00.00	21+00.00	865	2	1,730	192
21+00.00	27+00.00	385	2	770	86
27+00.00	33+00.00	466	2	932	104
33+00.00	39+00.00	0	2	0	0
39+00.00	45+00.00	267	2	534	59
45+00.00	51+00.00	279	2	558	62
51+00.00	57+00.00	0	2	0	0
57+00.00	63+00.00	99	2	198	22
63+00.00	69+00.00	100	2	200	22
106+05.00	107+95.00	189	2	378	42
106+11.00	107+95.00	184	2	368	41

COMB. CURB AND GUTTER TYPE-B 6.24

STATION FROM	STATION TO	LENGTH (FEET)	APPLICATION (SQ FEET / LF)	AREA (SQ FEET)	AREA (SQ YARD)
15+00.00	21+00.00	49	3	147	16
21+00.00	27+00.00	310	3	930	103
27+00.00	33+00.00	74	3	222	25
33+00.00	39+00.00	38	3	114	13
39+00.00	45+00.00	161	3	483	54
45+00.00	51+00.00	0	3	0	0
51+00.00	57+00.00	111	3	333	37
57+00.00	63+00.00	0	3	0	0
63+00.00	69+00.00	57	3	171	19

COMB. CURB AND GUTTER TYPE-M 2.12

STATION FROM	STATION TO	LENGTH (FEET)	APPLICATION (SQ FEET / LF)	AREA (SQ FEET)	AREA (SQ YARD)
26+91.21	27+00.00	23	1.67	38	4
27+00.00	27+00.96	6	1.67	10	1

SIDEWALK

STATION FROM	STATION TO	AREA (SQ FEET)	APPLICATION (SQ FEET / LF)	AREA (SQ FEET)	AREA (SQ YARD)
15+00.00	21+00.00	0	1	0	0
21+00.00	27+00.00	3,218	1	3,218	358
27+00.00	33+00.00	759	1	759	84
33+00.00	39+00.00	245	1	245	27
39+00.00	45+00.00	1,801	1	1,801	200
45+00.00	51+00.00	2,443	1	2,443	271
51+00.00	57+00.00	2,854	1	2,854	317
57+00.00	63+00.00	376	1	376	42
63+00.00	69+00.00	1,276	1	1,276	142

DRIVEWAY

STATION FROM	STATION TO	AREA (SQ FEET)	APPLICATION (SQ FEET / LF)	AREA (SQ FEET)	AREA (SQ YARD)
17+09.77	17+52.80	170	1	170	19
26+72.23	27+24.14	647	1	647	72
106+86.77	107+16.13	352	1	352	39
106+93.72	107+16.27	285	1	285	32
PAY CODE 42001300					2,505

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

STATION FROM	STATION TO	OFFSET (LT / RT)	PCC SIDEWALK 5 INCH (SQ FT) (42400200)	AGGREGATE BASE COURSE TY. B, 4" (SQ YD) (35101600)
N YORK STREET				
15+00.00	21+00.00	LT / RT	0	0
21+00.00	27+00.00	LT / RT	3,218	358
27+00.00	33+00.00	LT / RT	759	84
33+00.00	39+00.00	LT / RT	245	27
39+00.00	45+00.00	LT / RT	1,801	200
45+00.00	51+00.00	LT / RT	2,443	271
51+00.00	57+00.00	LT / RT	2,854	317
57+00.00	63+00.00	RT	376	42
63+00.00	69+00.00	RT	1,276	142
		TOTAL:	12,972	1,442

PROPOSED ROADWAY WIDENING

STATION FROM	STATION TO	OFFSET (LT / RT)	HOT-MIX ASPHALT BASE COURSE WIDENING, 7" (SQ YD) (35600704)
BELDEN AVENUE			
105+75.00	107+95.00	LT / RT	212
		Total:	212

DETECTABLE WARNINGS

INTERSECTION	CORNER	OFFSET (LT / RT)	AREA (SQ FEET)
N YORK STREET			
BELDEN AVE & YORK ST	SE	RT	10
INDUSTRIAL DR & YORK ST	NW	LT	20
BELDEN AVE & YORK ST	SE	RT	10
BELDEN AVE & YORK ST	NE	RT	10
BELDEN AVE & YORK ST	NE	RT	10
INDUSTRIAL DR & YORK ST	NW	LT	10
INDUSTRIAL DR & YORK ST	NW	LT	10
FULLERTON AVE & YORK ST	SE	RT	10
FULLERTON AVE & YORK ST	NE	RT	10
NORTHEND AVENUE & YORK ST	SE	RT	10
NORTHEND AVENUE & YORK ST	NE	RT	10
WRIGHTWOOD AVE & YORK ST	NE	RT	10
WRIGHTWOOD AVE & YORK ST	CENTER	RT	10
WRIGHTWOOD AVE & YORK ST	CENTER	LT	10
WRIGHTWOOD AVE & YORK ST	NW	LT	10
RESIDENTIAL ENTRANCE & YORK ST	S	RT	10
RESIDENTIAL ENTRANCE & YORK ST	N	RT	10
DIVERSITY AVE & YORK ST	SW	LT	10
DIVERSITY AVE & YORK ST	SE	RT	10
DIVERSITY AVE & YORK ST	NW	LT	10
DIVERSITY AVE & YORK ST	NE	RT	10
PAY CODE 42400800			220

PAVEMENT REMOVAL

STATION FROM	STATION TO	OFFSET (LT / RT)	AREA (SQ YD)
N YORK STREET			
22+52.00	22+71.00	LT	39
26+66.00	27+00.00	LT / RT	45
27+00.00	29+38.00	LT / RT	317
42+85.00	44+15.00	LT / RT	168
46+71.00	48+07.00	LT / RT	182
62+52.00	63+00.00	LT / RT	72
63+00.00	63+48.00	LT / RT	87
BELDEN AVENUE			
105+76.00	107+95.00	LT	28
105+75.00	107+95.00	RT	27
PAY CODE 44000100			964

HOT-MIX ASPHALT SURFACE REMOVAL, 3"

STATION FROM	STATION TO	OFFSET (LT / RT)	LENGTH (FEET)	AREA (SQ YD)
N YORK STREET				
16+67.00	21+00.00	LT / RT	433	3,526
21+00.00	27+00.00	LT / RT	600	4,741
27+00.00	33+00.00	LT / RT	600	3,979
33+00.00	39+00.00	LT / RT	600	4,033
39+00.00	45+00.00	LT / RT	600	3,800
45+00.00	51+00.00	LT / RT	600	3,818
51+00.00	57+00.00	LT / RT	600	4,364
57+00.00	63+00.00	LT / RT	600	3,945
63+00.00	65+55.00	LT / RT	600	1,726
BELDEN AVENUE				
106+00.00	107+95.00	LT / RT	195	475
PAY CODE 44000161				34,408

DRIVEWAYS

STATION	OFFSET (LT / RT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD) (44000200)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (TON) (40604060)	HOT-MIX ASPHALT BASE COURSE, 6" (SQ YD) (35501308)	HOT-MIX ASPHALT BASE COURSE, 8" (SQ YD) (35501316)	PCC DRIVEWAY PAVEMENT, 8" (SQ YD) (42300400)	AGGREGATE BASE COURSE, TYPE B 4" (SQ YD) (35101600)
N YORK STREET							
17+31.00	RT	20	-	-	-	19	19
21+87.00	RT	47	-	-	-	-	-
26+96.00	RT	72	-	-	-	72	72
43+40.00	LT	83	-	-	-	-	-
44+43.00	RT	51	6	-	51	-	-
56+21.00	LT	25	-	-	-	-	-
BELDEN AVENUE							
106+28.00	LT	62	-	-	-	-	-
106+39.00	RT	55	-	-	-	-	-
107+03.00	RT	54	-	-	-	39	39
107+06.00	LT	42	-	-	-	32	32
107+65.00	RT	59	6	54	-	-	-
TOTAL:		570	12	54	51	162	162

COMBINATION CURB AND GUTTER REMOVAL

STATION FROM	OFFSET (LT / RT)	STATION TO	OFFSET (LT / RT)	QUANTITY (FOOT)
N YORK STREET				
17+05.45	RT	17+55.45	RT	50
21+56.80	RT	106+05.22	RT	120
22+23.75	LT	22+41.53	LT	38
106+17.43	LT	23+36.12	RT	56
23+05.18	LT	23+42.00	LT	53
26+60.80	RT	27+36.65	RT	76
29+25.00	RT	29+39.00	RT	19
29+71.50	RT	29+84.00	RT	18
35+87.54	RT	36+03.41	RT	20
36+38.18	RT	36+50.86	RT	19
43+01.15	RT	43+16.15	RT	15
43+05.78	LT	43+76.08	LT	70
44+06.83	RT	44+82.41	RT	105
55+56.54	LT	55+64.21	LT	18
55+64.66	RT	55+80.19	RT	19
55+96.36	LT	56+42.31	LT	58
56+24.35	RT	56+34.35	RT	17
64+98.66	RT	65+55.00	RT	57
BELDEN AVE				
106+17.00	RT	107+95.00	RT	192
106+17.00	LT	107+95.00	LT	190
PAY CODE 44000500				1,210

SIDEWALK REMOVAL

STATION	STATION	OFFSET (LT / RT)	AREA (SQ FT)
N YORK STREET			
15+00.00	21+00.00	LT	0
15+00.00	21+00.00	RT	0
21+00.00	27+00.00	LT	496
21+00.00	27+00.00	RT	489
27+00.00	33+00.00	LT	0
27+00.00	33+00.00	RT	361
33+00.00	39+00.00	LT	0
33+00.00	39+00.00	RT	240
39+00.00	45+00.00	LT	540
39+00.00	45+00.00	RT	305
45+00.00	51+00.00	LT	1,619
45+00.00	51+00.00	RT	0
51+00.00	57+00.00	LT	1,538
51+00.00	57+00.00	RT	211
57+00.00	63+00.00	LT	0
57+00.00	63+00.00	RT	346
63+00.00	65+55.00	LT	0
63+00.00	65+55.00	RT	1,244
PAY CODE 44000600			7,389

MEDIAN REMOVAL

STATION FROM	STATION TO	OFFSET (LT / RT)	AREA (SQ FT)
N YORK STREET			
16+71.00	21+00.00	LT	3,496
21+00.00	22+22.00	LT	777
22+65.00	22+89.00	RT	303
23+33.00	24+60.00	LT	1,442
PAY CODE 4403100			6,018

CLASS D PATCHING, 12 INCH

PAVEMENT PATCHING			AREA (SQ YD)
		AREA OF MAINLINE PAVEMENT	34,408
		12 INCH PATCHING @ 5%	1,720
N YORK STREET			
44201785	CLASS D PATCHES, TYPE I, 12 INCH	10%	172
44201789	CLASS D PATCHES, TYPE II, 12 INCH	15%	258
44201794	CLASS D PATCHES, TYPE III, 12 INCH	45%	774
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	30%	516

STORM SEWER REMOVAL 12"

STATION FROM	OFFSET (LT / RT)	STATION TO	OFFSET (LT / RT)	QUANTITY (FOOT)
BELDEN AVENUE				
106+21.57	11.98 LT	106+21.79	13.82 RT	26
PAY CODE 55100500				26

STORM SEWERS, CLASS A, TYPE 1 12"

STATION FROM	OFFSET (LT / RT)	STATION TO	OFFSET (LT / RT)	QUANTITY (FOOT)
BELDEN AVENUE				
106+21.69	17.30 RT	106+21.69	17.30 LT	35
PAY CODE 550A0050				35

FIRE HYDRANTS TO BE MOVED

N YORK STREET		
LOCATION	OFFSET (LT/RT)	QUANTITY (EA)
52+39.64	37.20' LT	1
PAY CODE 56400100		1

CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE

BELDEN AVENUE		
LOCATION	OFFSET (LT / RT)	QUANTITY (EA)
106+21.69	17.30' LT	1
PAY CODE 60201105		1

INLETS, TYPE A, TYPE 11 FRAME AND GRATE

BELDEN AVENUE		
LOCATION	OFFSET (LT / RT)	QUANTITY (EA)
106+21.69	17.30' RT	1
PAY CODE 60236800		1

REMOVING CATCH BASINS

BELDEN AVENUE		
LOCATION	OFFSET (LT / RT)	QUANTITY (EA)
106+21.57	11.98' LT	1
PAY CODE 60500050		1

REMOVING INLETS

BELDEN AVENUE		
LOCATION	OFFSET (LT / RT)	QUANTITY (EA)
106+21.79	13.82' RT	1
PAY CODE 60500060		1

BLA, Inc.

USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022	
	DRAWN - MTC	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -	
PLOT DATE = 11/22/2022	DATE - 11/02/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
SUMMARY OF QUANTITIES

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	22
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

STATION	OFFSET	STATION	OFFSET	QUANTITY
FROM	(LT / RT)	TO	(LT / RT)	(FOOT)
N YORK STREET				
15+00.00	LT / RT	21+00.00	LT / RT	865
21+00.00	LT / RT	27+00.00	LT / RT	385
27+00.00	LT / RT	33+00.00	LT / RT	466
33+00.00	LT / RT	39+00.00	LT / RT	0
39+00.00	LT / RT	45+00.00	LT / RT	267
45+00.00	LT / RT	51+00.00	LT / RT	279
51+00.00	LT / RT	57+00.00	LT / RT	0
57+00.00	LT / RT	63+00.00	LT / RT	99
63+00.00	LT / RT	69+00.00	LT / RT	100
BELDEN AVENUE				
106+05.00	16.5 LT	107+95.00	12.5' LT	189
106+11.00	16.5 RT	107+95.00	11.5' RT	184
PAY CODE 60603800				2,834

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

STATION	OFFSET	STATION	OFFSET	QUANTITY
FROM	(LT / RT)	TO	(LT / RT)	(FOOT)
N YORK STREET				
15+00.00	LT / RT	21+00.00	LT / RT	49
21+00.00	LT / RT	27+00.00	LT / RT	310
27+00.00	LT / RT	33+00.00	LT / RT	74
33+00.00	LT / RT	39+00.00	LT / RT	38
39+00.00	LT / RT	45+00.00	LT / RT	161
45+00.00	LT / RT	51+00.00	LT / RT	0
51+00.00	LT / RT	57+00.00	LT / RT	111
57+00.00	LT / RT	63+00.00	LT / RT	0
63+00.00	LT / RT	69+00.00	LT / RT	57
PAY CODE 60605000				800

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12

STATION	OFFSET	STATION	OFFSET	QUANTITY
FROM	(LT / RT)	TO	(LT / RT)	(FOOT)
N YORK STREET				
26+91.21	RT	27+00.00	RT	23
27+00.00	RT	27+00.96	RT	6
PAY CODE 60608300				29

THERMOPLASTIC PAVEMENT MARKINGS

STATION		LETTERS & SYMBOLS (78000100) (SQ FT)	6" (78000400) (FOOT)	12" (78000600) (FOOT)	24" (78000650) (FOOT)
TO	FROM				
N YORK STREET					
16+67.00	21+00.00	146	0	0	48
21+00.00	27+00.00	110	280	0	87
27+00.00	33+00.00	104	79	31	14
33+00.00	39+00.00	97	81	48	15
39+00.00	45+00.00	67	197	171	18
45+00.00	51+00.00	91	0	0	0
51+00.00	57+00.00	104	179	42	38
57+00.00	63+00.00	61	0	66	0
63+00.00	65+00.00	0	0	189	0
BELDEN AVENUE					
104+42.00	107+95.00	64	233	0	68
TOTAL		844	1,049	547	288

SHORT TERM PAVEMENT MARKING, SHORT TERM PAVEMENT MARKING REMOVAL, TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, AND TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE

FROM	TO	OFFSET (LT / RT)	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)	QUANTITY (SQ FT)
N YORK STREET						
4" LINE						
16+67.00	21+00.00	LT	433	SKIP DASH - WHITE	108	36
16+67.00	21+00.00	RT	433	SKIP DASH - WHITE	108	36
21+00.00	22+03.00	LT	103	SKIP DASH - WHITE	26	9
21+00.00	22+17.00	RT	117	SKIP DASH - WHITE	29	10
23+36.00	26+35.00	LT / RT	285	DBL SOLID - YELLOW	570	190
23+38.00	27+00.00	LT	362	SKIP DASH - WHITE	91	30
23+38.00	27+00.00	RT	362	SKIP DASH - WHITE	91	30
27+00.00	33+00.00	LT	600	SKIP DASH - WHITE	140	47
27+00.00	33+00.00	RT	600	SKIP DASH - WHITE	140	47
29+75.00	31+42.00	LT / RT	253	DBL SOLID - YELLOW	506	169
31+42.00	33+00.00	LT	158	SOLID/SKIP - WHITE	198	66
31+42.00	33+00.00	RT	158	SOLID/SKIP - WHITE	198	66
33+00.00	39+00.00	LT	600	SKIP DASH - WHITE	150	50
33+00.00	39+00.00	RT	600	SKIP DASH - WHITE	140	47
33+00.00	35+95.00	LT	295	SOLID/SKIP - WHITE	369	123
33+00.00	35+95.00	RT	295	SOLID/SKIP - WHITE	369	123
36+20.00	36+20.00	RT	12	DBL SOLID - YELLOW	24	8
36+34.00	38+08.00	LT/RT	384	DBL SOLID - YELLOW	768	256
39+00.00	45+00.00	LT	600	SKIP DASH - WHITE	140	47
39+00.00	45+00.00	RT	600	SKIP DASH - WHITE	150	50
39+00.00	42+42.00	LT/RT	521	DBL SOLID - YELLOW	1,042	347
44+09.00	45+00.00	LT	91	SOLID/SKIP - WHITE	114	38
44+09.00	45+00.00	RT	91	SOLID/SKIP - WHITE	114	38
45+00.00	51+00.00	LT	600	SKIP DASH - WHITE	150	50
45+00.00	51+00.00	RT	600	SKIP DASH - WHITE	150	50
45+00.00	46+77.00	LT	177	SOLID/SKIP - WHITE	221	74
45+00.00	46+77.00	RT	177	SOLID/SKIP - WHITE	221	74
48+01.00	51+00.00	LT	299	SOLID/SKIP - WHITE	374	125
48+01.00	51+00.00	RT	299	SOLID/SKIP - WHITE	374	125
51+00.00	57+00.00	LT	600	SKIP DASH - WHITE	140	47
51+00.00	57+00.00	RT	600	SKIP DASH - WHITE	140	47
51+00.00	53+74.00	LT	274	SOLID/SKIP - WHITE	343	114
51+00.00	53+74.00	RT	274	SOLID/SKIP - WHITE	343	114
53+74.00	55+60.00	LT / RT	294	DBL SOLID - YELLOW	588	196
56+20.00	57+00.00	RT	80	DBL SOLID - YELLOW	160	53
56+02.00	56+13.00	RT	29	DBL SOLID - YELLOW	58	19
57+00.00	63+00.00	LT	600	SKIP DASH - WHITE	150	50
57+00.00	63+00.00	RT	600	SKIP DASH - WHITE	150	50
57+00.00	58+00.00	LT / RT	200	DBL SOLID - YELLOW	400	133
58+00.00	62+22.00	LT	422	SOLID/SKIP - WHITE	528	176
58+00.00	62+22.00	RT	422	SOLID/SKIP - WHITE	528	176
62+22.00	62+59.00	LT	37	DBL SOLID - YELLOW	74	25
62+22.00	62+59.00	RT	37	DBL SOLID - YELLOW	74	25
63+00.00	65+55.00	LT	255	SKIP DASH - WHITE	64	21
63+00.00	65+55.00	RT	255	SKIP DASH - WHITE	64	21
63+39.00	65+55.00	LT	214	DBL SOLID - YELLOW	428	143
63+39.00	65+55.00	RT	215	DBL SOLID - YELLOW	430	143
6" LINE						
22+03.50	22+55.25	LT	77	DASH LINE - WHITE	19	10
22+24.00	22+24.00	LT / RT	86	CROSSWALK - WHITE	86	43
22+30.00	22+30.00	LT / RT	93	CROSSWALK - WHITE	93	47
23+23.00	23+23.00	LT / RT	82	CROSSWALK - WHITE	82	41
29+33.00	29+78.00	RT	45	CROSSWALK - WHITE	45	23
29+39.00	29+73.00	RT	34	CROSSWALK - WHITE	34	17
35+97.00	36+43.00	RT	46	CROSSWALK - WHITE	46	23
36+03.00	36+38.00	RT	35	CROSSWALK - WHITE	35	18
42+41.00	42+90.00	LT	49	CROSSWALK - WHITE	49	25
42+44.00	42+86.00	LT	42	CROSSWALK - WHITE	42	21
44+14.06	44+72.68	RT	59	CROSSWALK - WHITE	59	30
44+19.77	44+66.54	RT	47	CROSSWALK - WHITE	47	24
55+61.00	56+02.00	LT	40	CROSSWALK - WHITE	40	20
55+64.00	55+98.00	LT	34	CROSSWALK - WHITE	34	17
55+72.00	56+30.00	RT	58	CROSSWALK - WHITE	58	29
55+79.00	56+26.00	RT	47	CROSSWALK - WHITE	47	24
12" LINE						
30+58.00	31+42.00	CL	31	MEDIAN DIAGONAL -- YELLOW	31	31
38+02.00	39+00.00	CL	48	MEDIAN DIAGONAL -- YELLOW	48	48
39+00.00	40+58.00	CL	75	MEDIAN DIAGONAL -- YELLOW	75	75
43+06.00	43+12.00	RT	48	CROSSWALK - WHITE	48	48
43+11.00	43+17.00	LT	48	CROSSWALK - WHITE	48	48
53+74.00	54+80.00	CL	42	MEDIAN DIAGONAL -- YELLOW	42	42
57+00.00	58+00.00	CL	38	MEDIAN DIAGONAL -- YELLOW	38	38
62+22.00	62+52.00	CL	28	MEDIAN DIAGONAL -- YELLOW	28	28
63+48.00	65+55.00	CL	189	MEDIAN DIAGONAL -- YELLOW	189	189

SHORT TERM PAVEMENT MARKING, SHORT TERM PAVEMENT MARKING REMOVAL, TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, AND TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE

FROM	TO	OFFSET (LT / RT)	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)	QUANTITY (SQ FT)
24" LINE						
16+73.00	16+73.00	LT	48	STOP BAR	48	96
22+17.00	22+17.00	LT / RT	36	STOP BAR	36	72
23+36.00	23+36.00	LT / RT	51	STOP BAR	51	102
29+56.00	29+70.00	RT	14	STOP BAR	14	28
36+20.00	36+35.00	RT	15	STOP BAR	15	30
42+46.00	42+64.00	LT	18	STOP BAR	18	36
55+65.00	55+80.00	LT	15	STOP BAR	15	30
56+02.00	56+24.00	RT	23	STOP BAR	23	46
LETTERS AND SYMBOLS						
17+15.00		LT		RIGHT ARROW & ONLY	110	37
17+90.00		LT		LEFT ARROW & ONLY	110	37
18+67.00		LT		LEFT ARROW & ONLY	110	37
19+46.00		LT		RIGHT ARROW & ONLY	110	37
21+75.00		CL		LEFT ARROW & ONLY	110	37
24+45.00		CL		LEFT ARROW & ONLY	110	37
25+21.00		CL		LEFT ARROW & ONLY	110	37
27+97.00		LT		RIGHT ARROW & ONLY	110	37
30+48.00		CL		LEFT ARROW & ONLY	110	37
31+61.00		CL		DUAL LEFT ARROW	91	30
33+60.00		CL		DUAL LEFT ARROW	91	30
35+60.00		CL		DUAL LEFT ARROW	91	30
37+70.00		CL		LEFT ARROW & ONLY	110	37
40+89.00		CL		LEFT ARROW & ONLY	110	37
44+24.00		CL		DUAL LEFT ARROW	91	30
46+28.00		CL		DUAL LEFT ARROW	91	30
48+66.00		CL		DUAL LEFT ARROW	91	30
50+66.00		CL		DUAL LEFT ARROW	91	30
52+66.00		CL		DUAL LEFT ARROW	91	30
54+90.00		CL		LEFT ARROW & ONLY	110	37
56+90.00		CL		LEFT ARROW & ONLY	110	37
59+02.00		CL		DUAL LEFT ARROW	91	30
61+02.00		CL		DUAL LEFT ARROW	91	30
BELDEN AVENUE						
4" LINE						
104+42.00	104+72.00	LT	31	DBL SOLID - YELLOW	62	21
106+05.00	107+95.00	RT	190	DBL SOLID - YELLOW	380	127
6" LINE						
104+42.00	104+71.50	RT	30	LANE LINE - WHITE	30	15
104+42.00	104+71.50	RT	18	LANE LINE - WHITE	18	9
106+05.00	106+20.00	LT	115	LANE LINE - WHITE	115	58
106+20.00	107+95.00	LT	78	SKIP DASH - WHITE	20	10
24" LINE						
104+72.00	104+72.00	LT / RT	45	STOP BAR	45	90
106+05.00	106+05.00	LT / RT	23	STOP BAR	23	46
LETTER AND SYMBOL						
106+85.00		LT	82.5	COMBO ARROW	83	28
107+10.00		CL	110	LEFT ARROW & ONLY	110	37
SUBTOTAL SHORT TERM PAVEMENT MARKING (1 APPLICATION)					16,540	6,524

PAY CODE: 70300100	TOTAL SHORT TERM PAVEMENT MARKING - 2 APPLICATIONS	33,081	
PAY CODE: 70300150	TOTAL SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)		6,524
PAY CODE: 70307120	TOTALTEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE - 1 APPLICATION	14,008	
PAY CODE: 70307100	TOTAL TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TAPE IV TAPE - 1 APPLICATION		844

EPOXY PAVEMENT MARKINGS

STATION		4" (78005110) (FOOT)	6" (78005130) (FOOT)
TO	FROM		
N YORK STREET			
16+67.00	21+00.00	272	756
21+00.00	27+00.00	751	469
27+00.00	33+00.00	280	233
33+00.00	39+00.00	2,721	173
39+00.00	45+00.00	1,560	187
45+00.00	51+00.00	1,490	0
51+00.00	57+00.00	1,771	184
57+00.00	63+00.00	1,903	23
63+00.00	65+00.00	986	40
BELDEN AVENUE			
104+42.00	107+95.00	442	183
TOTAL		12,174	2,247

STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL)

STATION	STATION	OFFSET	QUANTITY (SQ FT)
FROM	TO	(LT / RT)	
N YORK STREET			
16+80.00	17+10.00	LT / RT	120
17+87.00	21+00.00	LT / RT	1,522
21+00.00	22+04.00	LT	335
26+67.00	26+87.00	LT / RT	136
22+57.00	22+70.00	LT	142
29+10.00	29+29.00	LT / RT	132
42+86.00	43+01.00	LT / RT	90
44+09.00	44+13.00	LT/RT	36
46+72.00	46+77.00	LT/RT	36
48+01.00	48+06.00	LT/RT	36
62+54.00	62+59.00	LT/RT	40
63+39.00	63+46.00	LT/RT	75
	TOTAL:		2,700

IMPRINTED THERMOPLASTIC CROSSWALK

STATION		OFFSET	AREA
FROM	TO	(LT / RT)	(SQ YD)
N YORK STREET			
22+24.00	22+30.00	LT / RT	60
22+31.00	23+09.00	LT	52
22+25.00	22+96.00	RT	25
23+23.50	23+29.50	LT / RT	53
29+37.00	29+75.00	RT	26
35+97.00	36+43.00	RT	27
42+43.00	42+91.00	LT	30
44+14.00	44+73.00	RT	41
55+61.00	56+02.00	LT	24
55+72.00	56+30.00	RT	34
PAY CODE X2800001			372

RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)

LOCATION	OFFSET	QUANTITY
	(LT/RT)	(EA)
N YORK STREET		
43+03.79	2.15' RT	1
43+03.91	35.34'' RT	1
43+18.71	2.14' LT	1
43+19.24	36.46' LT	1
PAY CODE X1400326		4

AGGREGATE SUBGRADE IMPROVEMENT 12"

STATION		OFFSET	AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD) (30300112)
FROM	TO	(LT / RT)	
N YORK STREET - MEDIANS			
16+80.00	17+10.00	LT / RT	13
17+87.00	21+00.00	LT / RT	169
21+00.00	22+04.00	LT	37
26+67.00	26+86.00	LT / RT	14
22+57.00	22+70.00	LT	16
29+11.00	29+29.00	LT / RT	14
42+86.00	43+01.00	LT / RT	10
BELDEN AVENUE - WIDENING			
105+75.00	107+95.00	LT	179
105+75.00	107+95.00	RT	181
		Totab	633

TEMPORARY ACCESS (PRIVATE ENTRANCE)

N YORK STREET

STATION	OFFSET	QUANTITY
	(LT /	(EA)
19+83.00	RT	1
38+23.00	RT	1
39+47.00	RT	1
53+35.00	RT	1
54+06.00	RT	1
PAY CODE X4021000		5

TEMPORARY ACCESS (COMMERCIAL ENTRANCE)

N YORK STREET

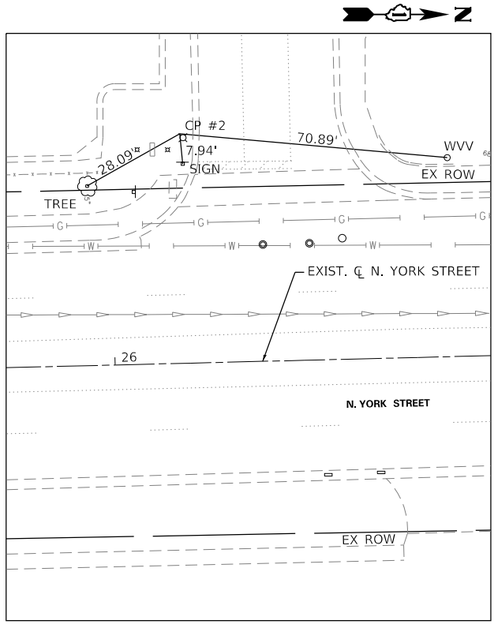
STATION	OFFSET	QUANTITY
	(LT / RT)	(EA)
17+85.55	RT	1
18+58.71	LT	1
18+93.63	LT	1
21+20.89	RT	1
26+44.42	LT	1
26+95.71	RT	1
18+79.87	RT	1
29+50.83	LT	1
31+26.46	LT	1
32+02.76	RT	1
33+01.93	RT	1
33+28.63	LT	1
34+18.97	LT	1
34+97.47	RT	1
36+54.51	LT	1
38+87.37	LT	1
44+41.98	RT	1
44+56.79	LT	1
45+80.00	LT	1
46+42.86	LT	1
47+38.58	LT	1
48+37.96	LT	1
48+68.23	RT	1
49+11.30	LT	1
49+50.37	RT	1
49+52.93	LT	1
50+21.74	LT	1
50+80.44	LT	1
51+95.15	LT	1
52+72.22	LT	1
53+33.78	RT	1
53+73.02	LT	1
54+05.29	RT	1
54+53.15	LT	1
54+83.74	RT	1
55+15.36	LT	1
57+59.17	LT	1
58+20.58	LT	1
58+92.77	LT	1
59+32.86	LT	1
59+71.41	LT	1
60+15.97	LT	1
60+77.85	LT	1
61+87.09	LT	1
62+34.41	LT	1
64+01.97	LT	1
PAY CODE X4022000		46

SANITARY MANHOLES TO BE ADJUSTED

LOCATION	OFFSET	QUANTITY
	(LT/RT)	(EA)
N YORK STREET		
55+75.46	35.30' LT	1
55+94.18	26.32' LT	1
BELDEN AVENUE		
107+10.56	31.58' LT	1
PAY CODE X6026050		3

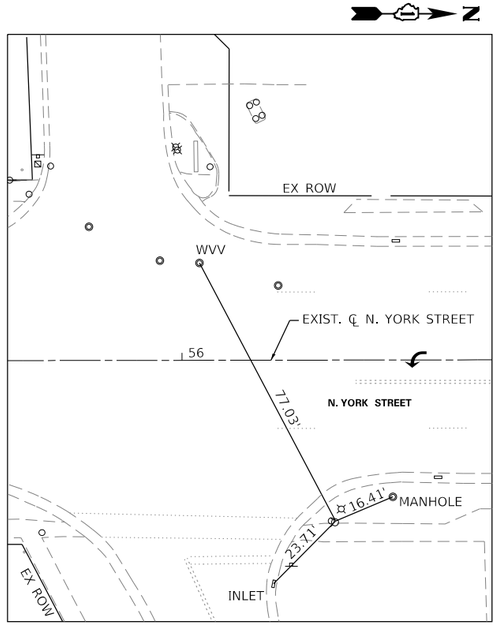
FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)

STATION	OFFSET	QUANTITY
	(LT / RT)	(EACH)
N YORK STREET		
17+18.76	1.20' RT	1
17+83.99	21.57' RT	1
18+06.50	41.94' LT	1
19+01.02	4.48' RT	1
19+01.76	51.26' LT	1
22+28.08	31.70' LT	1
23+02.84	43.46' RT	1
23+03.62	22.84' LT	1
23+12.12	24.27' LT	1
23+51.26	18.46' LT	1
23+50.55	11.17' LT	1
24+58.70	16.29' LT	1
25+41.97	17.12' LT	1
26+39.79	30.84' LT	1
26+52.08	30.87' LT	1
26+60.75	32.00' LT	1
26+69.49	30.44' RT	1
27+53.18	18.42' LT	1
27+67.94	16.97' LT	1
27+50.56	27.99' RT	1
28+53.45	16.07' LT	1
28+83.10	32.06' LT	1
28+93.56	16.41' LT	1
29+29.52	29.62' LT	1
29+44.36	10.55' LT	1
29+54.22	25.17' RT	1
29+55.98	16.78' LT	1
30+05.57	24.53' LT	1
30+25.08	18.00' LT	1
31+50.52	19.00' LT	1
31+68.69	26.40' LT	1
32+56.66	24.96' LT	1
32+96.52	20.10' LT	1
33+26.77	25.76' RT	1
34+63.19	28.01' RT	1
34+67.79	27.12' LT	1
34+72.53	19.38' LT	1
35+00.13	25.22' RT	1
35+42.79	19.27' LT	1
35+99.76	28.89' LT	1
36+40.66	32.30' RT	1
36+52.19	21.02' LT	1
36+67.50	13.72' LT	1
37+03.17	30.38' LT	1
37+59.32	23.72' LT	1
39+36.40	26.17' LT	1
39+41.26	18.68' LT	1
41+05.09	19.30' LT	1
42+38.99	22.26' LT	1
42+50.55	45.45' LT	1
43+16.85	32.60' LT	1
43+18.16	12.28' LT	1
44+02.02	25.25' LT	1
46+04.05	41.99' LT	1
49+09.86	25.85' LT	1
50+35.04	30.00' LT	1
51+12.75	15.63' LT	1
51+34.33	43.04' LT	1
51+72.78	14.66' LT	1
52+28.07	27.30' LT	1
53+95.30	44.12' LT	1
55+65.38	51.35' LT	1
56+04.62	25.67' LT	1
56+25.41	19.72' LT	1
57+30.59	30.33' LT	1
58+92.80	26.21' LT	1
59+34.30	13.37' LT	1
60+15.84	27.61' LT	1
60+91.99	28.80' LT	1
61+14.74	28.63' LT	1
61+39.74	25.34' LT	1
62+07.61	26.60' LT	1
65+29.85	26.96' LT	1
65+29.91	34.57' RT	1
PAY CODE X6030310		74



CONTROL POINT #2
N. YORK STREET
N: 1913700.8920
E: 1091307.7920

SCALE: 1"=20'



CONTROL POINT #9
N. YORK STREET
N: 1916723.9150
E: 1091414.3490

SCALE: 1"=20'

BENCHMARK

LOCATED ALONG THE NORTH SIDE OF GRAND AVENUE, EAST OF THE "T" INTERSECTION WITH GARY DRIVE AT ITS CROSSING OF SILVER CREEK.

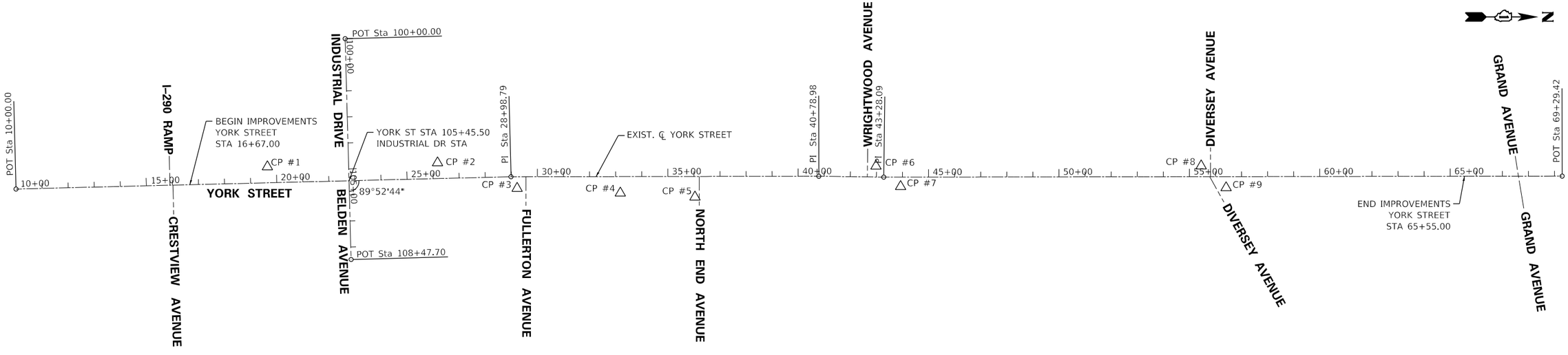
STATION IS 34.1 FEET NORTH OF THE CENTERLINE OF GRAND AVENUE, 32.0 FEET EAST OF THE CENTERLINE OF AN ENTRANCE FOR OFFICE BUILDING #10632, AND 104.7 FEET WEST OF A STREET LIGHT.

MONUMENT IS 3.5 INCH BRASS DISK ON THE WEST END OF THE HEADWALL FOR SILVER CREEK, 1.0 FEET ABOVE STREET SURFACE.

N: 1917593.7990
E: 1104857.8670
ELEV.: 643.66

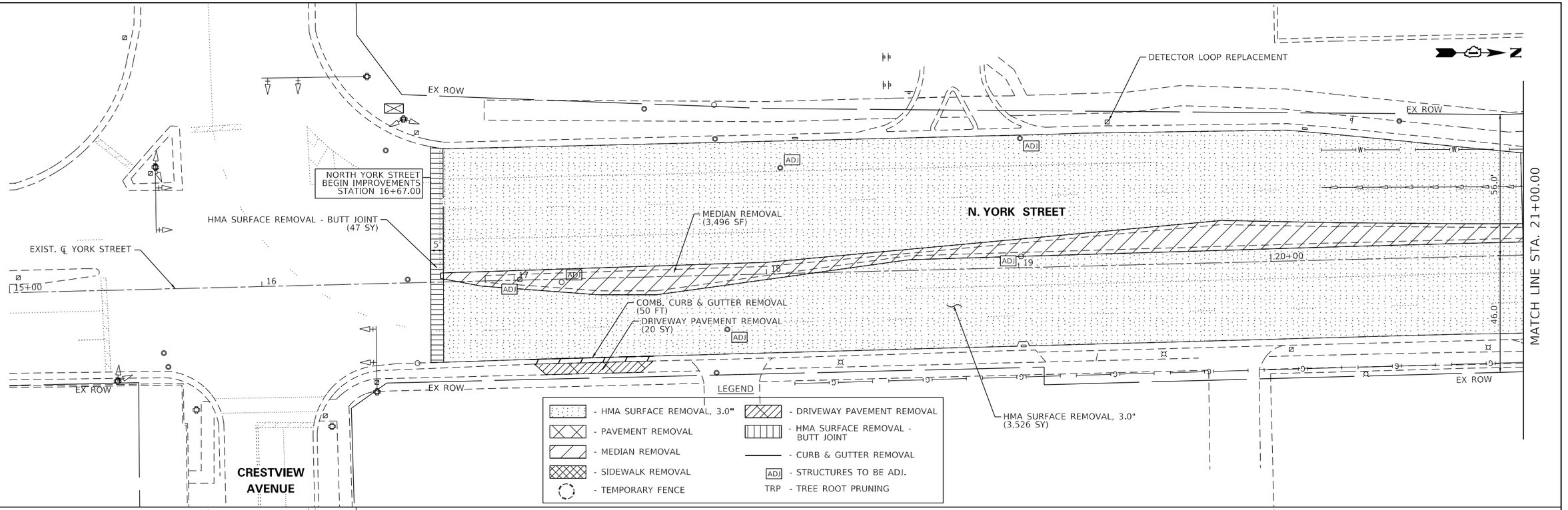
STATION	ELEMENT TYPE	NORTHING	EASTING
COORDINATE DATA TABLE - YORK STREET			
10+00.00	POT	1912083.9795	1091402.7720
28+98.79	PI	1913982.3365	1091362.4125
40+78.98	PI	1915162.5292	1091364.8051
43+28.09	PI	1915411.5991	1091369.1197
69+29.42	POT	1918012.9221	1091374.5585
COORDINATE DATA TABLE - INDUSTRIAL DRIVE / BELDEN AVENUE			
100+00.00	POT	1913348.2242	1090830.2743
108+47.70	POT	1913368.0331	1091677.7475

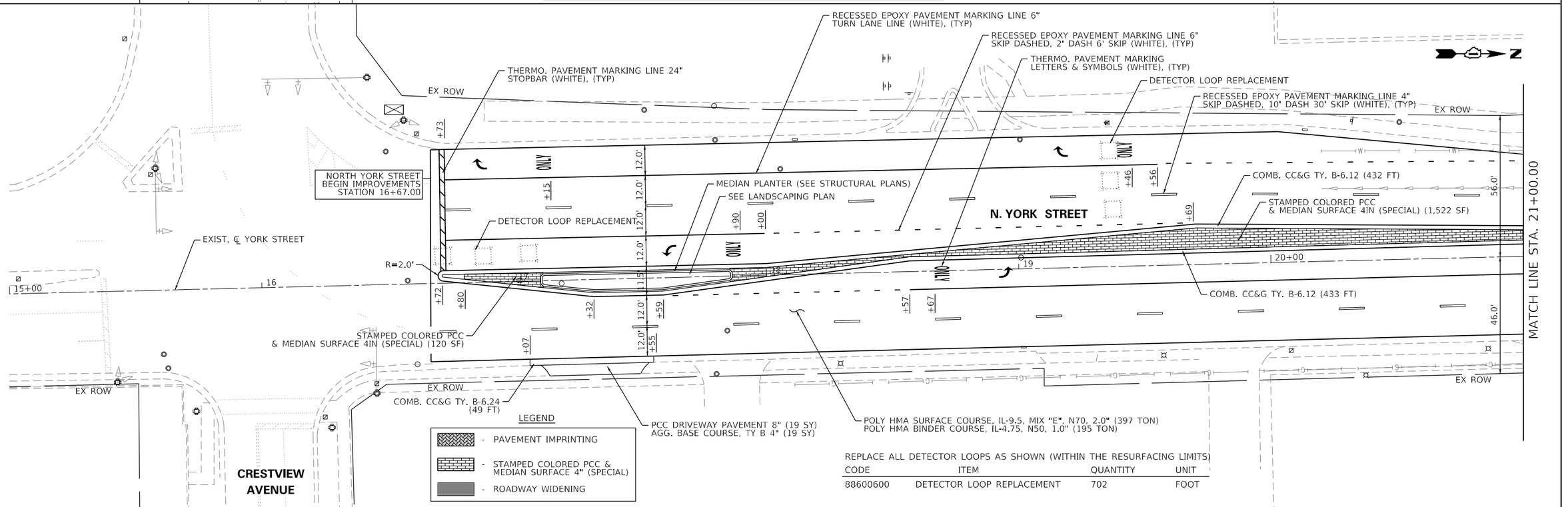
DESCRIPTION	STATION	OFFSET	ELEMENT TYPE	NORTHING	EASTING	ELEVATION
CONTROL POINT SUMMARY - YORK STREET						
CP #1	19+66.03	61.35 LT	NW BOLT ON FIRE HYDRANT	1913048.4890	1091320.9020	690.50
CP #2	26+18.57	60.59 LT	LIGHT POLE BASE	1913700.8920	1091307.7920	690.45
CP #3	29+21.98	44.55 RT	NW BOLT ON FIRE HYDRANT	1914005.4420	1091407.0120	686.72
CP #4	33+17.70	63.29 RT	LIGHT POLE BASE	1914401.1220	1091426.5490	688.56
CP #5	36+03.81	79.06 RT	NW BOLT ON FIRE HYDRANT	1914687.2000	1091442.8980	683.30
CP #6	42+97.57	42.00 LT	NW BOLT ON FIRE HYDRANT	1915381.8090	1091326.6030	680.69
CP #7	43+92.62	36.09 RT	LIGHT POLE BASE	1915476.0600	1091405.3440	678.78
CP #8	55+45.14	41.24 LT	NW BOLT ON FIRE HYDRANT	1916628.7310	1091330.4250	678.89
CP #9	56+40.50	42.49 RT	NW BOLT ON FIRE HYDRANT	1916723.9150	1091414.3490	679.07



BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH YORK STREET – ROADWAY REHABILITATION ALIGNMENT, TIES AND BENCHMARKS
		DRAWN - MTC	REVISED -		
	PLOT SCALE = 400.0000 ' / in.	CHECKED - MTC	REVISED -		SCALE: 1"=200' SHEET 1 OF 1 SHEETS STA. TO STA.
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -		

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	25
		CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			





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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	702	FOOT

BLA, Inc.

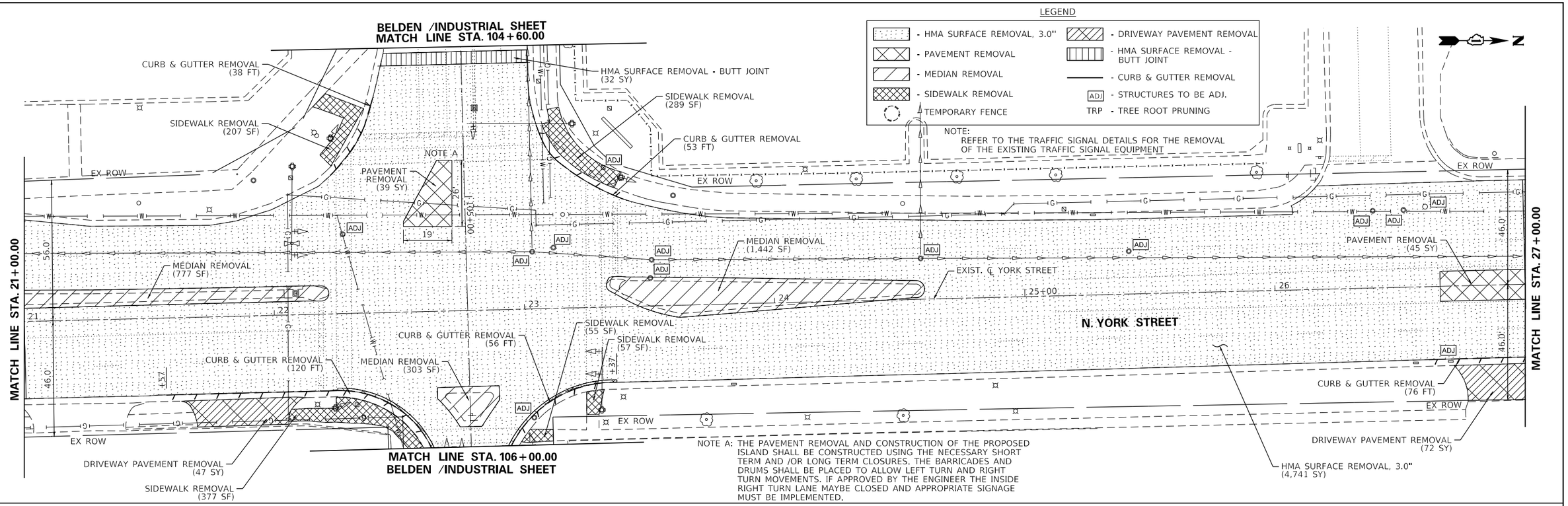
USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0 '/ in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
REMOVAL & PROPOSED ROADWAY PLAN

SCALE: 1"=20' | SHEET 1 OF 10 SHEETS | STA. 15+00.00 TO STA. 21+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	26
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	



BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
		DRAWN - MTC	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
	PLOT DATE = 10/28/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
REMOVAL & PROPOSED ROADWAY PLAN

SCALE: 1"=20' | SHEET 2 OF 10 SHEETS | STA. 21+00.00 TO STA. 27+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	27
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	

LEGEND

- HMA SURFACE REMOVAL, 3.0"
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- TEMPORARY FENCE
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT
- CURB & GUTTER REMOVAL
- ADJ - STRUCTURES TO BE ADJ.
- TRP - TREE ROOT PRUNING

N

MATCH LINE STA. 27+00.00

EX ROW

PAVEMENT REMOVAL (317 SY)

EXIST. ℄ YORK STREET

N. YORK STREET

SIDEWALK REMOVAL (80 SF)

SIDEWALK REMOVAL (118 SF)

CURB & GUTTER REMOVAL (19 FT)

FULLERTON AVENUE

SIDEWALK REMOVAL (163 SF)

CURB & GUTTER REMOVAL (18 FT)

HMA SURFACE REMOVAL - BUTT JOINT (13 SY)

HMA SURFACE REMOVAL, 3.0" (3,979 SY)

MATCH LINE STA. 33+00.00

LEGEND

- PAVEMENT IMPRINTING
- STAMPED COLORED PCC & MEDIAN SURFACE 4" (SPECIAL)
- ROADWAY WIDENING

N

POLY HMA SURFACE COURSE, IL-9.5, MIX "E", N70, 2.0" (449 TON)
POLY HMA BINDER COURSE, IL-4.75, N50, 1.0" (220 TON)

RECESSED EPOXY PAVEMENT MARKING LINE 6" SKIP DASHED, 2' DASH 6' SKIP (WHITE), (TYP)

MARIANO'S

COMMERCIAL DRIVEWAY

THERMO. PAVEMENT MARKING LINE 12" DIAGONAL 20 FT C-C @ 45° (YELLOW), (TYP)

RECESSED EPOXY PAVEMENT MARKING 4" SOLID & SKIP DASH (YELLOW), (TYP)

RECESSED EPOXY PAVEMENT MARKING LINE 6" TURN LANE LINE (WHITE), (TYP)

MATCH LINE STA. 27+00.00

EX ROW

ONLY

MEDIAN PLANTER (SEE STRUCTURAL PLANS)

COMB. CC&G TY B-6.12 (233 FT)

STAMPED COLORED PCC & MEDIAN SURFACE 4IN (SPECIAL) (132 SF)

R=30.0'

R=3.0'

EXIST. ℄ YORK STREET

N. YORK STREET

THERMO. PAVEMENT MARKING LINE 6" CROSS WALK (WHITE)

PAVEMENT IMPRINTING (BRICK RED) HERRINGBONE PATTERN (26 SY)

RECESSED EPOXY PAVEMENT MARKING LINE 4" DOUBLE LINE (YELLOW), (TYP)

THERMO. PAVEMENT MARKING LETTERS & SYMBOLS (WHITE), (TYP)

RECESSED EPOXY PAVEMENT MARKING LINE 4" SKIP DASHED, 10' DASH 30' SKIP (WHITE), (TYP)

COMB. CC&G TY B-6.24 (37 FT)

PCC SIDWALK, 5" (380 SF)
AGG. BASE COURSE, TY. B 4" (42 SY)

PCC SIDWALK, 5" (106 SF)
AGG. BASE COURSE, TY. B 4" (12 SY)

PCC SIDWALK, 5" (123 SF)
AGG. BASE COURSE, TY. B 4" (13 SY)

COMB. CC&G TY B-6.24 (19 FT)

FULLERTON AVENUE

PCC SIDWALK, 5" (150 SF)
AGG. BASE COURSE, TY. B 4" (17 SY)

COMB. CC&G TY B-6.24 (18 FT)

THERMO. PAVEMENT MARKING LINE 24" STOP BAR (WHITE), (TYP)

BLA, Inc.

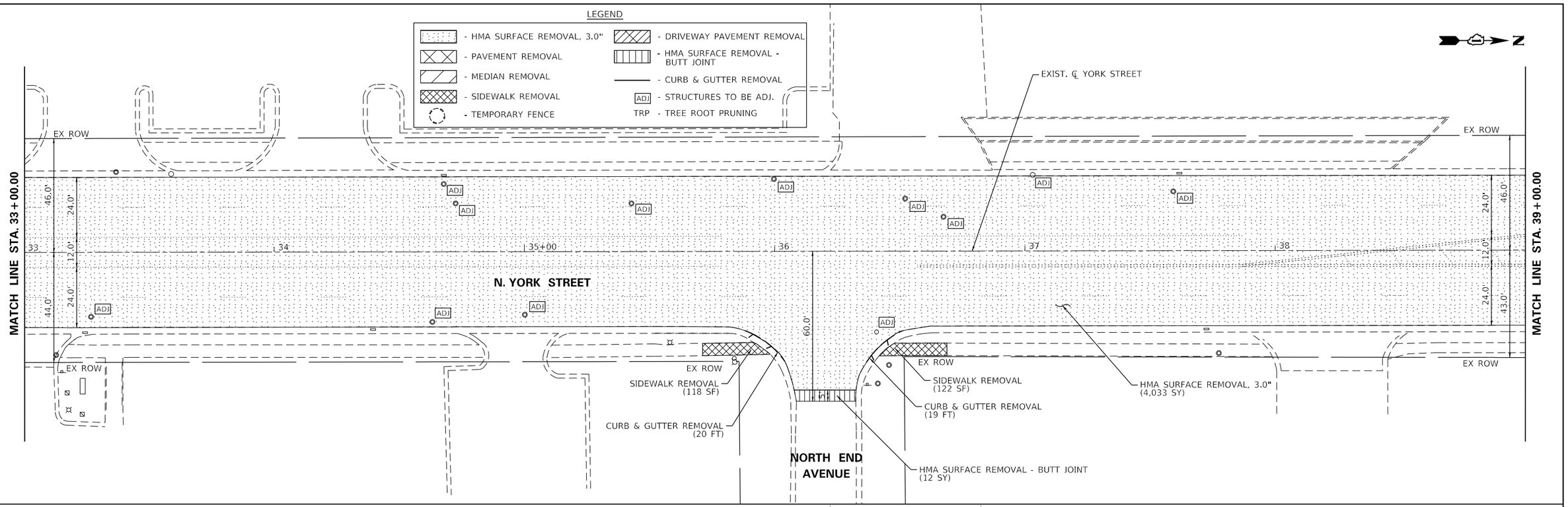
USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
REMOVAL & PROPOSED ROADWAY PLAN

SCALE: 1"=20' | SHEET 3 OF 10 SHEETS | STA. 27+00.00 TO STA. 33+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	28
		CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			



BLA, Inc.

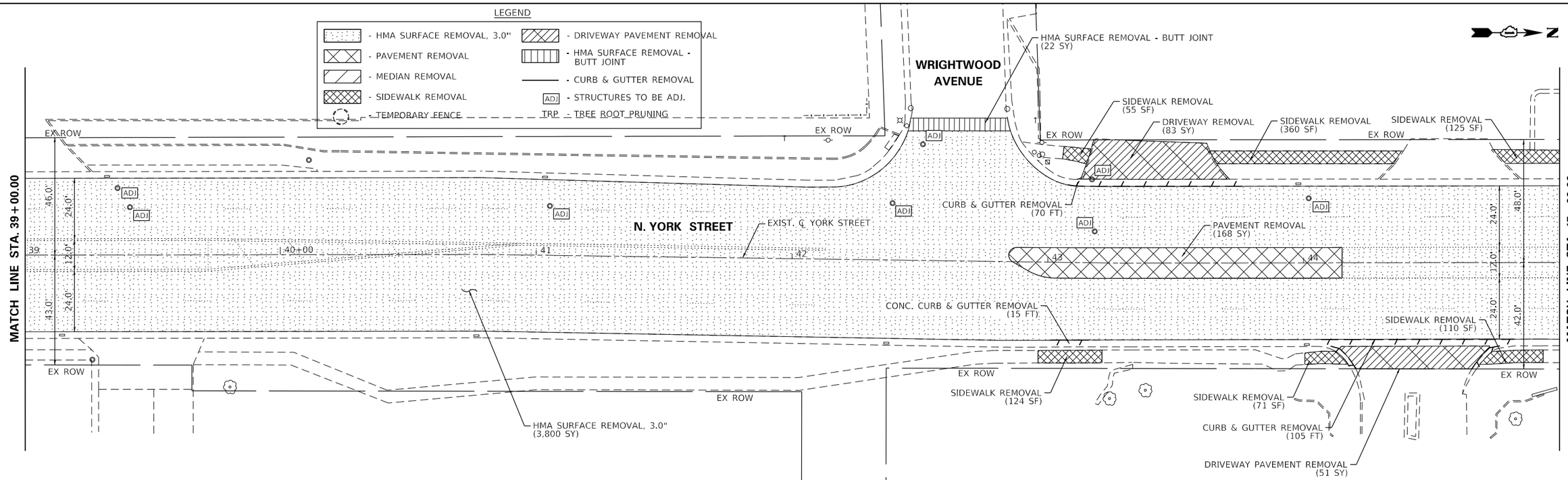
USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

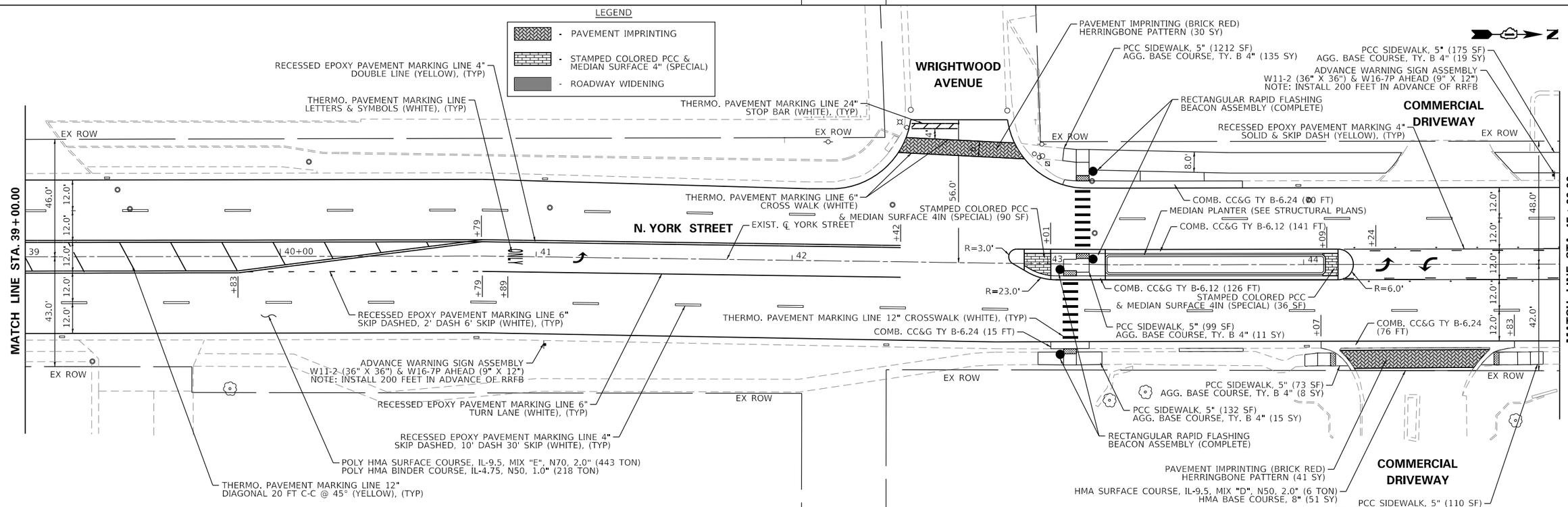
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
REMOVAL & PROPOSED ROADWAY PLAN

SCALE: 1"=20' | SHEET 4 OF 10 SHEETS | STA. 33+00.00 TO STA. 39+00.00

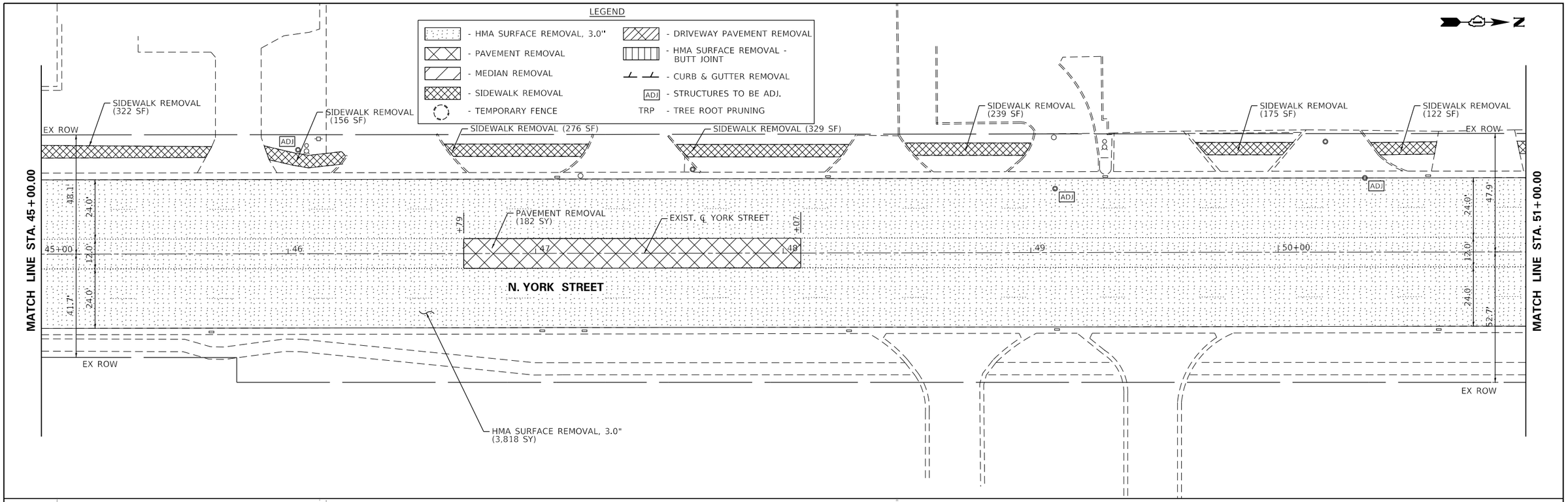
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	29
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		

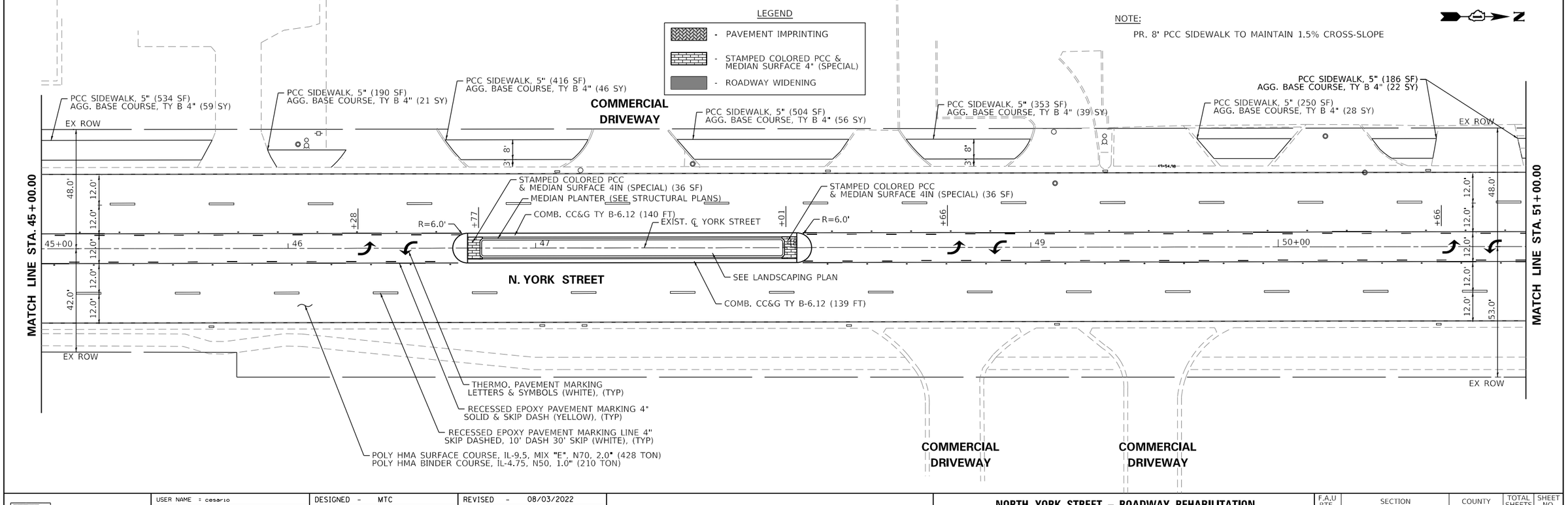




BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**NORTH YORK STREET – ROADWAY REHABILITATION REMOVAL & PROPOSED ROADWAY PLAN**
		DRAWN - MTC	REVISED -		
	PLOT SCALE = 40.0 '/ in.	CHECKED - MTC	REVISED -		SCALE: 1"=20' SHEET 5 OF 10 SHEETS STA. 39+00.00 TO STA. 45+00.00
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -		

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	30
		CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			





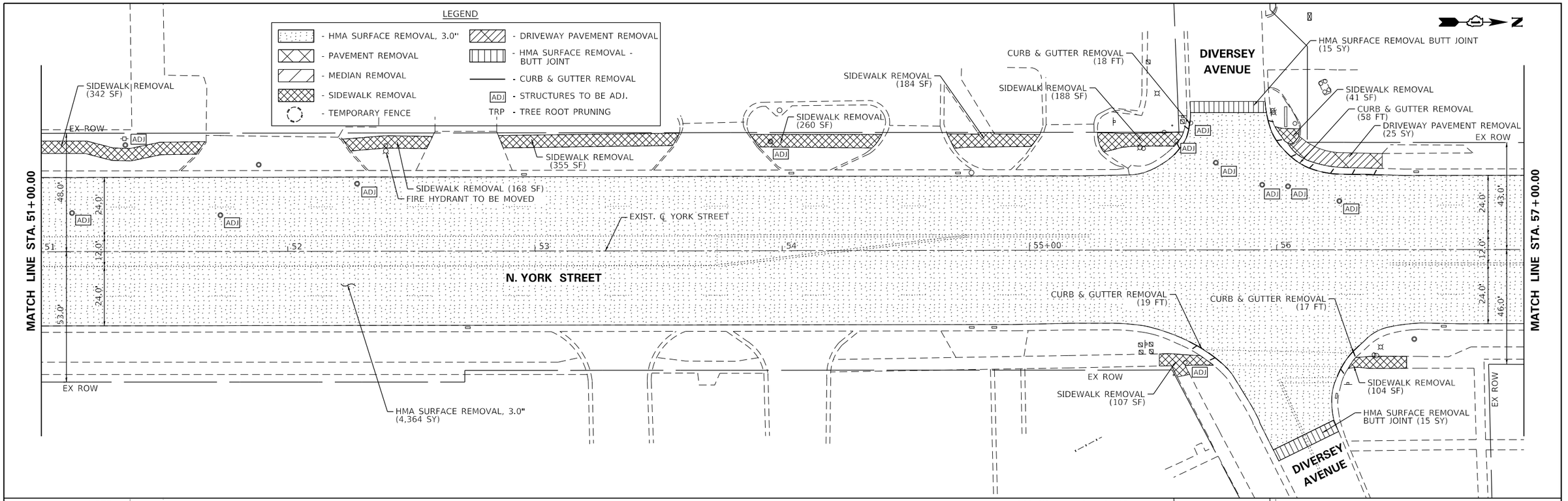
BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
		DRAWN - MTC	REVISED -
	PLOT SCALE = 40.0 '/ in.	CHECKED - MTC	REVISED -
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

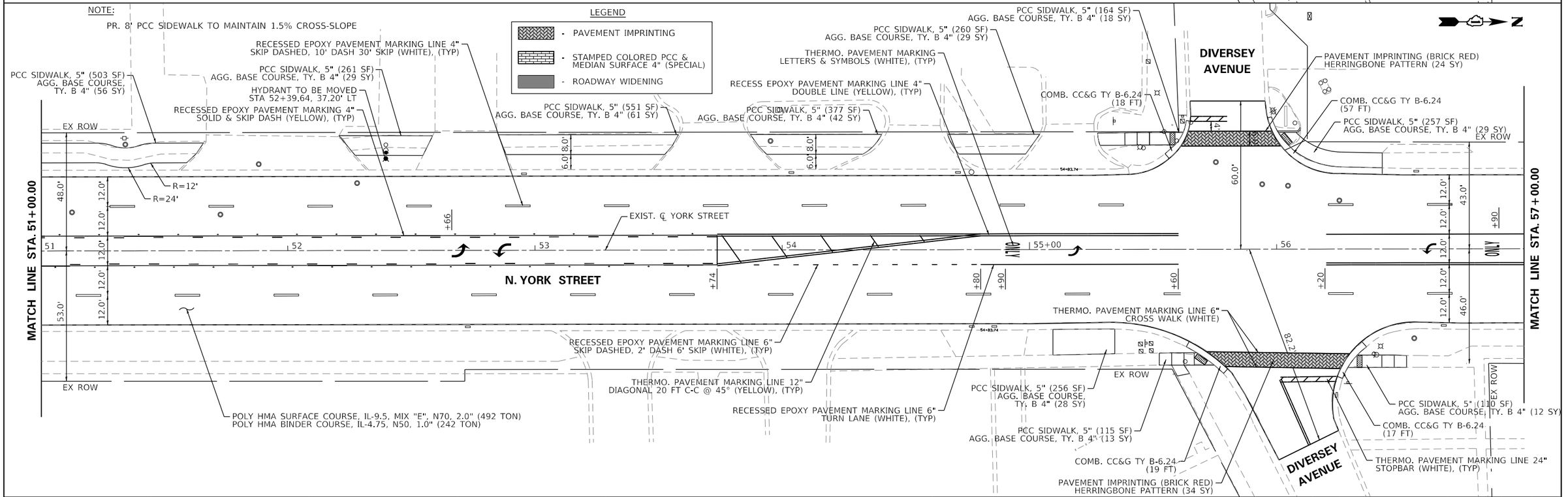
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
REMOVAL & PROPOSED ROADWAY PLAN

SCALE: 1"=20' | SHEET 6 OF 10 SHEETS | STA. 45+00.00 TO STA. 51+00.00

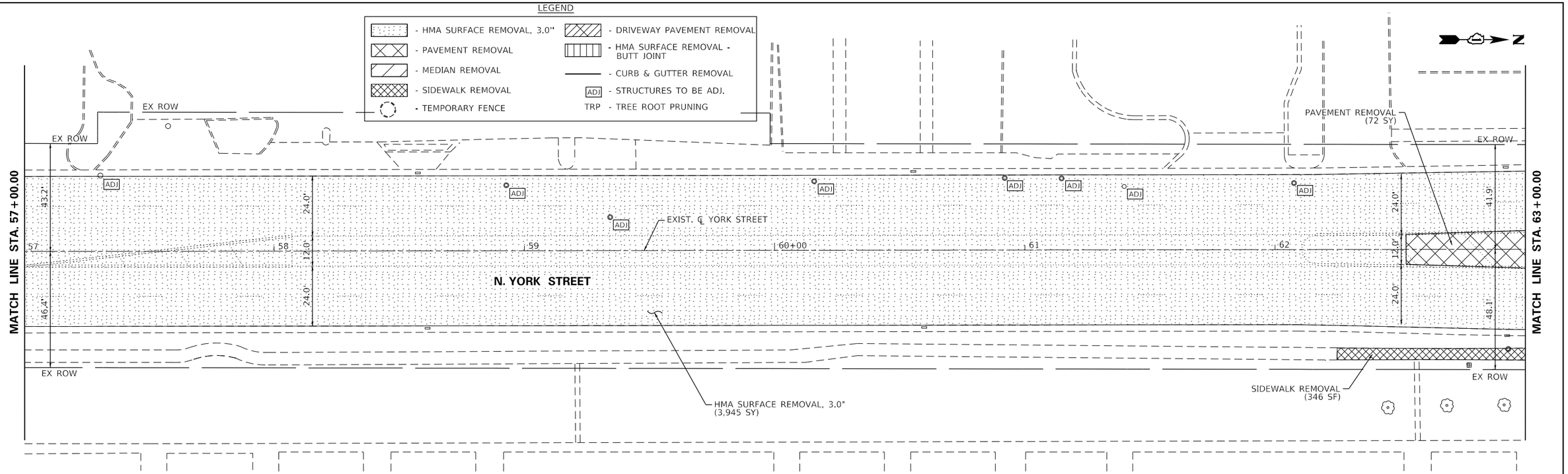
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	31
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	

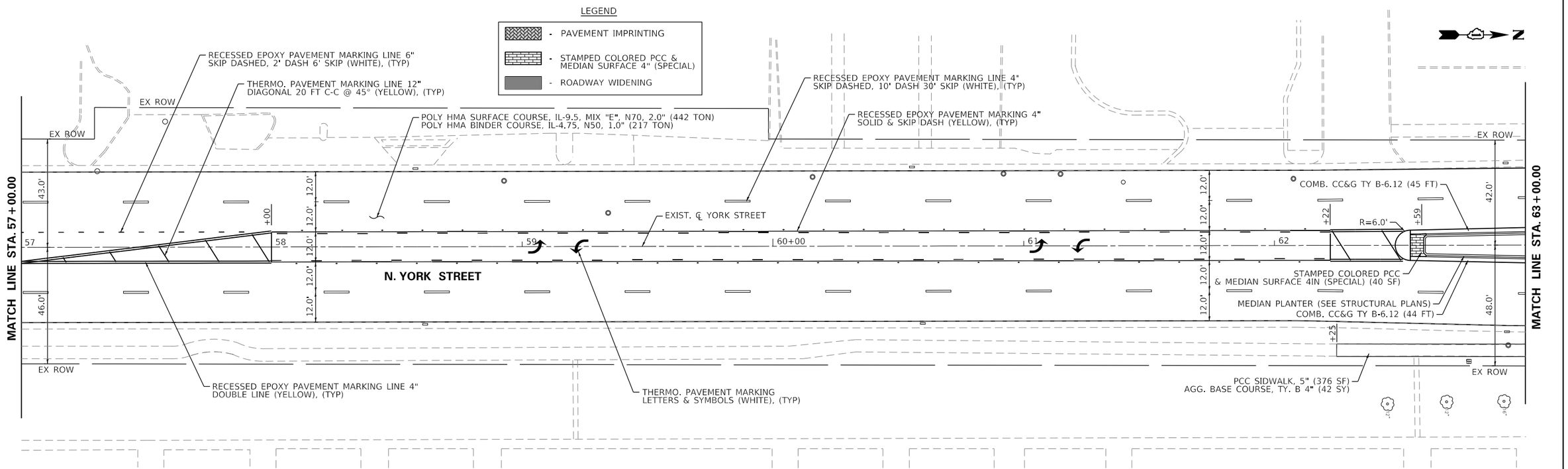




BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**NORTH YORK STREET – ROADWAY REHABILITATION REMOVAL & PROPOSED ROADWAY PLAN**
		DRAWN - MTC	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -		SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA. 51+00.00 TO STA. 57+00.00
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -		

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	32
		CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			





BLA, Inc.

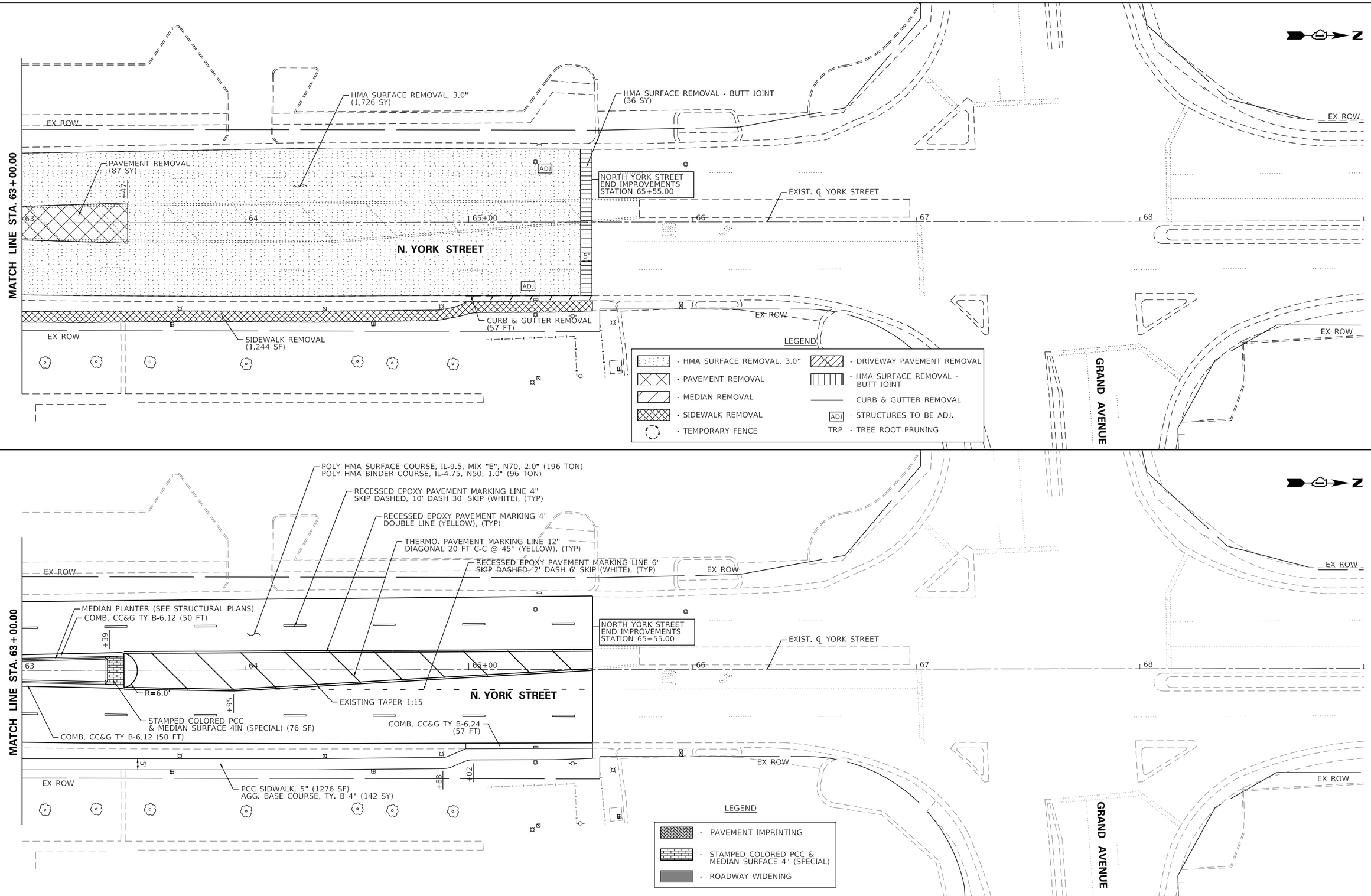
USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
REMOVAL & PROPOSED ROADWAY PLAN

SCALE: 1"=20' | SHEET 8 OF 10 SHEETS | STA. 57+00.00 TO STA. 63+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	33
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		

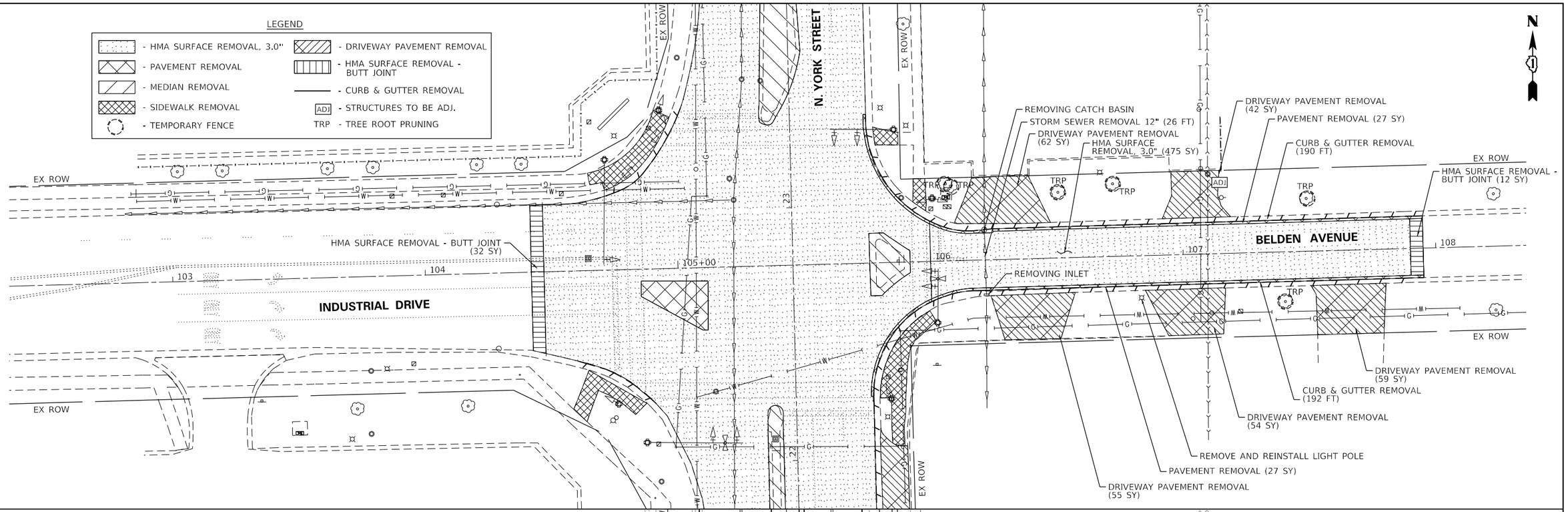


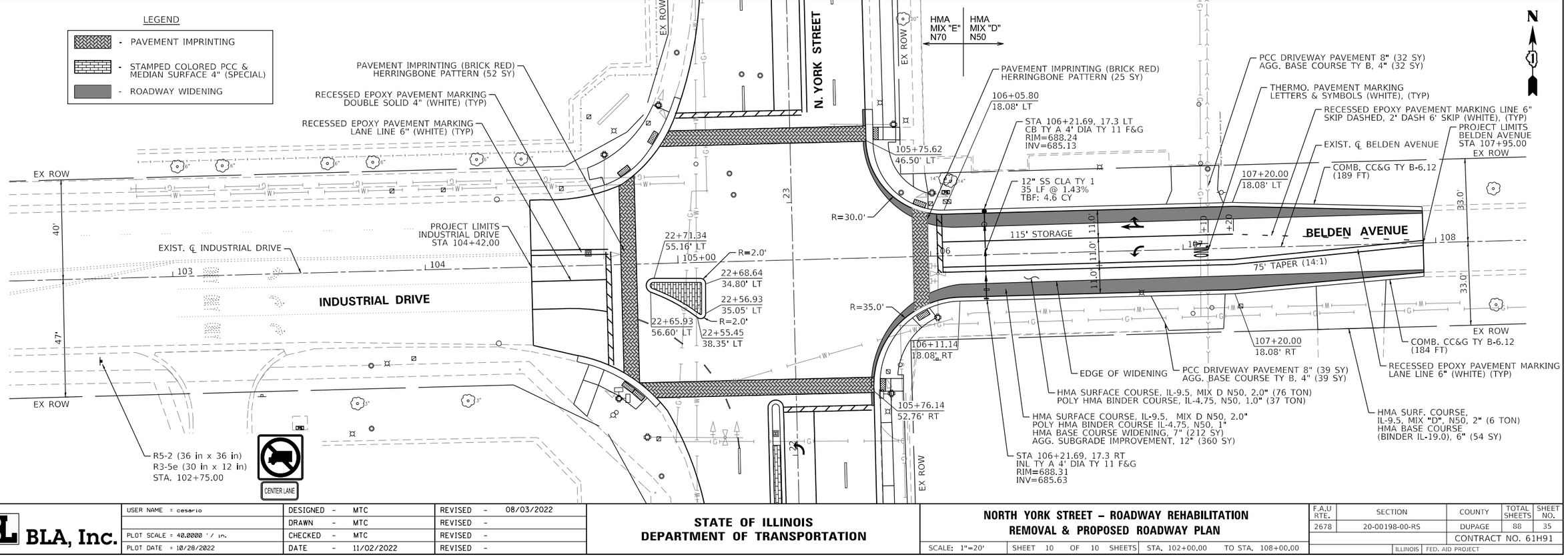
BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - MTC	REVISED -	
	PLOT SCALE = 40.0 '/ in.	CHECKED - MTC	REVISED -	
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -	

NORTH YORK STREET – ROADWAY REHABILITATION
REMOVAL & PROPOSED ROADWAY PLAN

SCALE: 1"=20' | SHEET 9 OF 10 SHEETS | STA. 63+00.00 TO STA. 69+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	34
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	





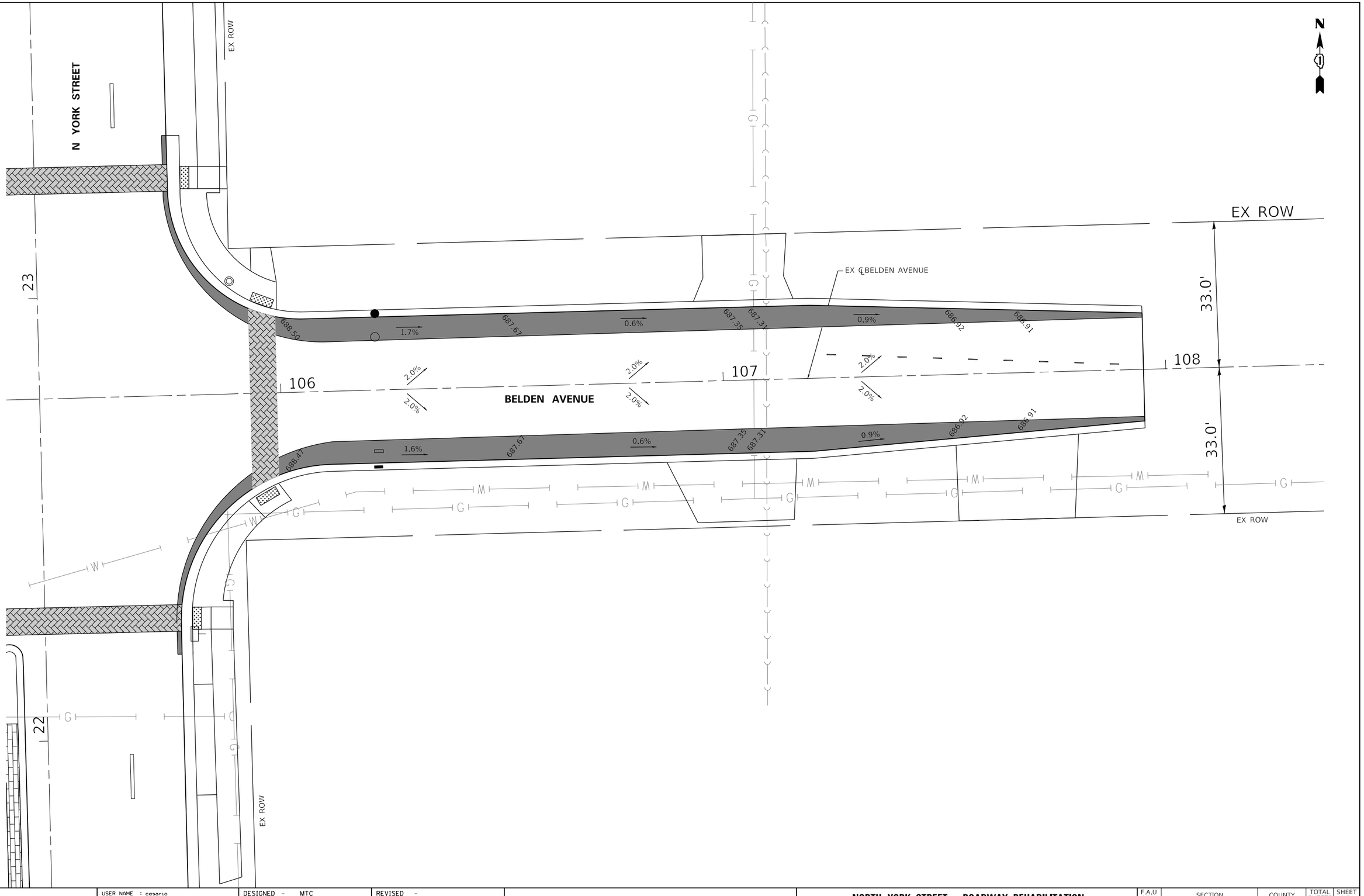
BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022	
		DRAWN - MTC	REVISED -	
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -	
	PLOT DATE = 10/28/2022	DATE - 11/02/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
REMOVAL & PROPOSED ROADWAY PLAN

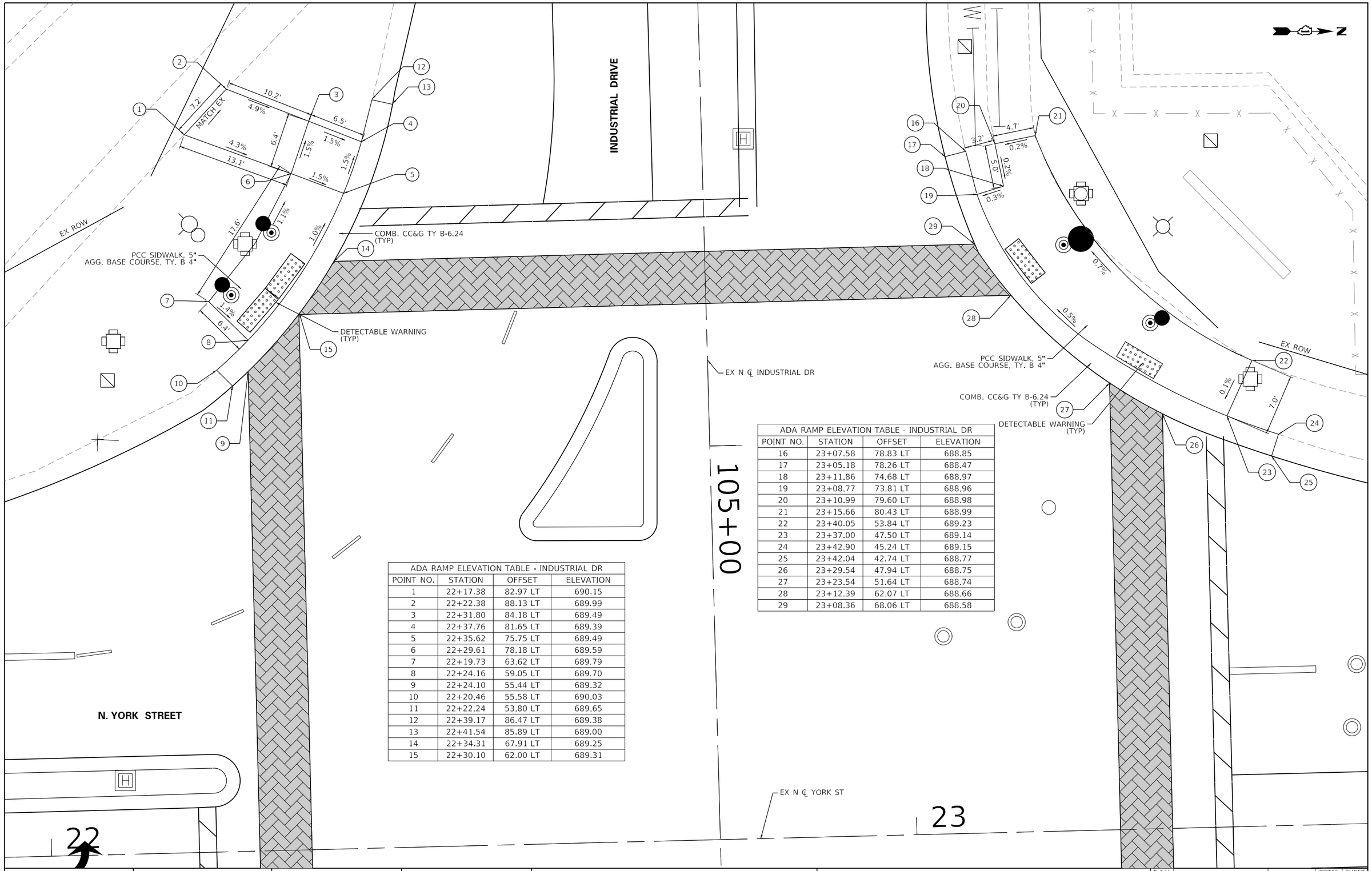
SCALE: 1"=20' | SHEET 10 OF 10 SHEETS | STA. 102+00.00 TO STA. 108+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	35
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	



BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH YORK STREET – ROADWAY REHABILITATION GRADING PLAN – BELDEN AVENUE
		DRAWN - MTC	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - MTC	REVISED -		SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. 106+00.00 TO STA. 108+00.00
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -		

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	36
		CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			



ADA RAMP ELEVATION TABLE - INDUSTRIAL DR			
POINT NO.	STATION	OFFSET	ELEVATION
1	22+17.38	82.97 LT	690.15
2	22+22.38	88.13 LT	689.99
3	22+31.80	84.18 LT	689.49
4	22+37.76	81.65 LT	689.39
5	22+35.62	75.75 LT	689.49
6	22+29.61	78.18 LT	689.59
7	22+19.73	63.62 LT	689.79
8	22+24.16	59.05 LT	689.70
9	22+24.10	55.44 LT	689.32
10	22+20.46	55.58 LT	690.03
11	22+22.24	53.80 LT	689.65
12	22+39.17	86.47 LT	689.38
13	22+41.54	85.89 LT	689.00
14	22+34.31	67.91 LT	689.25
15	22+30.10	62.00 LT	689.31

ADA RAMP ELEVATION TABLE - INDUSTRIAL DR			
POINT NO.	STATION	OFFSET	ELEVATION
16	23+07.58	78.83 LT	688.85
17	23+05.18	78.26 LT	688.47
18	23+11.86	74.68 LT	688.97
19	23+08.77	73.81 LT	688.96
20	23+10.99	79.60 LT	688.98
21	23+15.66	80.43 LT	688.99
22	23+40.05	53.84 LT	689.23
23	23+37.00	47.50 LT	689.14
24	23+42.90	45.24 LT	689.15
25	23+42.04	42.74 LT	688.77
26	23+29.54	47.94 LT	688.75
27	23+23.54	51.64 LT	688.74
28	23+12.39	62.07 LT	688.66
29	23+08.36	68.06 LT	688.58

BLA, Inc.

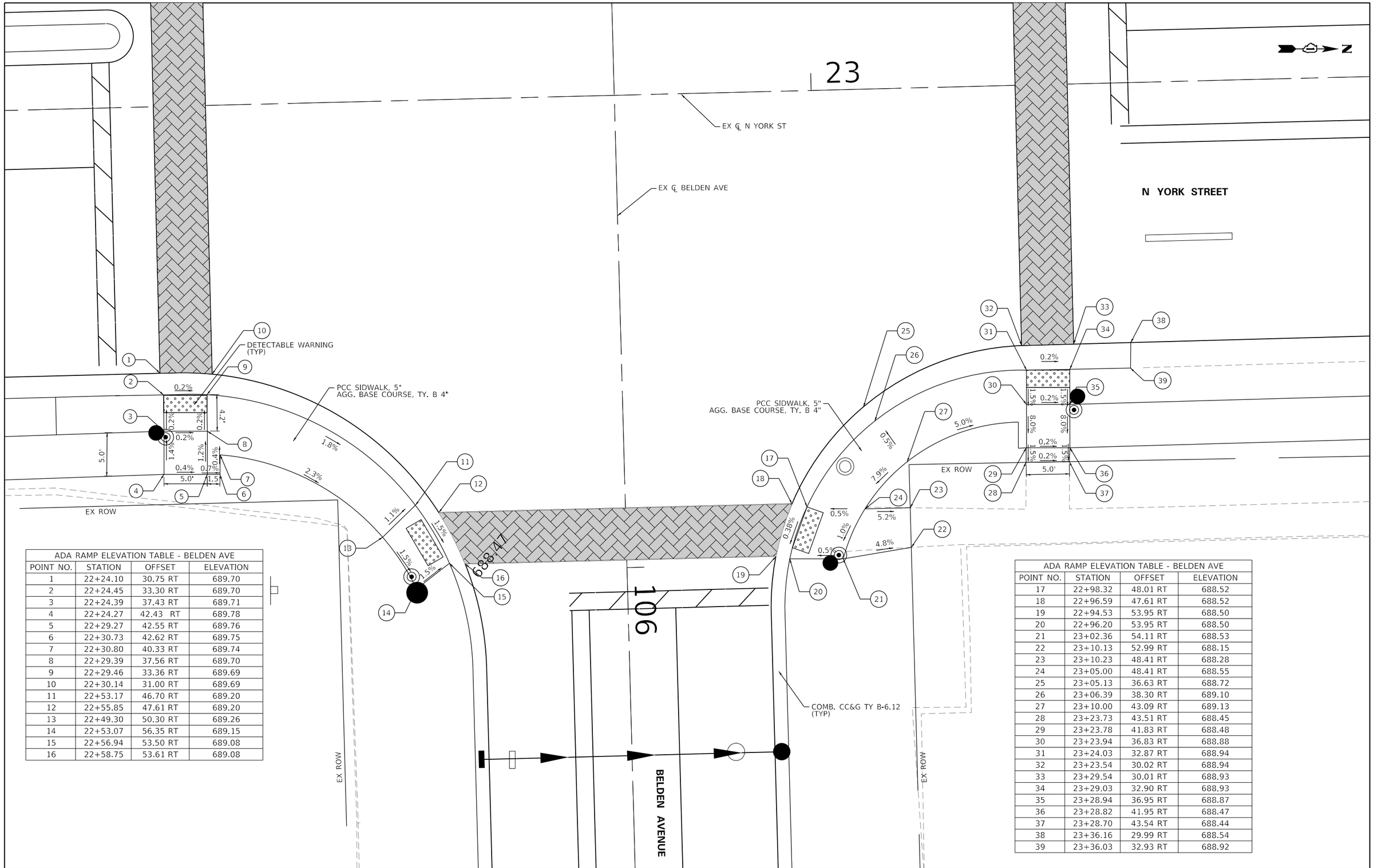
USER NAME = cesario	DESIGNED - MTC	REVISED -	
	DRAWN - MTC	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MTC	REVISED -	
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
ADA RAMP ELEVATION PLAN

SCALE: 1"=5' | SHEET 1 OF 8 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	37
		CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			



ADA RAMP ELEVATION TABLE - BELDEN AVE			
POINT NO.	STATION	OFFSET	ELEVATION
1	22+24.10	30.75 RT	689.70
2	22+24.45	33.30 RT	689.70
3	22+24.39	37.43 RT	689.71
4	22+24.27	42.43 RT	689.78
5	22+29.27	42.55 RT	689.76
6	22+30.73	42.62 RT	689.75
7	22+30.80	40.33 RT	689.74
8	22+29.39	37.56 RT	689.70
9	22+29.46	33.36 RT	689.69
10	22+30.14	31.00 RT	689.69
11	22+53.17	46.70 RT	689.20
12	22+55.85	47.61 RT	689.20
13	22+49.30	50.30 RT	689.26
14	22+53.07	56.35 RT	689.15
15	22+56.94	53.50 RT	689.08
16	22+58.75	53.61 RT	689.08

ADA RAMP ELEVATION TABLE - BELDEN AVE			
POINT NO.	STATION	OFFSET	ELEVATION
17	22+98.32	48.01 RT	688.52
18	22+96.59	47.61 RT	688.52
19	22+94.53	53.95 RT	688.50
20	22+96.20	53.95 RT	688.50
21	23+02.36	54.11 RT	688.53
22	23+10.13	52.99 RT	688.15
23	23+10.23	48.41 RT	688.28
24	23+05.00	48.41 RT	688.55
25	23+05.13	36.63 RT	688.72
26	23+06.39	38.30 RT	689.10
27	23+10.00	43.09 RT	689.13
28	23+23.73	43.51 RT	688.45
29	23+23.78	41.83 RT	688.48
30	23+23.94	36.83 RT	688.88
31	23+24.03	32.87 RT	688.94
32	23+23.54	30.02 RT	688.94
33	23+29.54	30.01 RT	688.93
34	23+29.03	32.90 RT	688.93
35	23+28.94	36.95 RT	688.87
36	23+28.82	41.95 RT	688.47
37	23+28.70	43.54 RT	688.44
38	23+36.16	29.99 RT	688.54
39	23+36.03	32.93 RT	688.92

BLA, Inc.

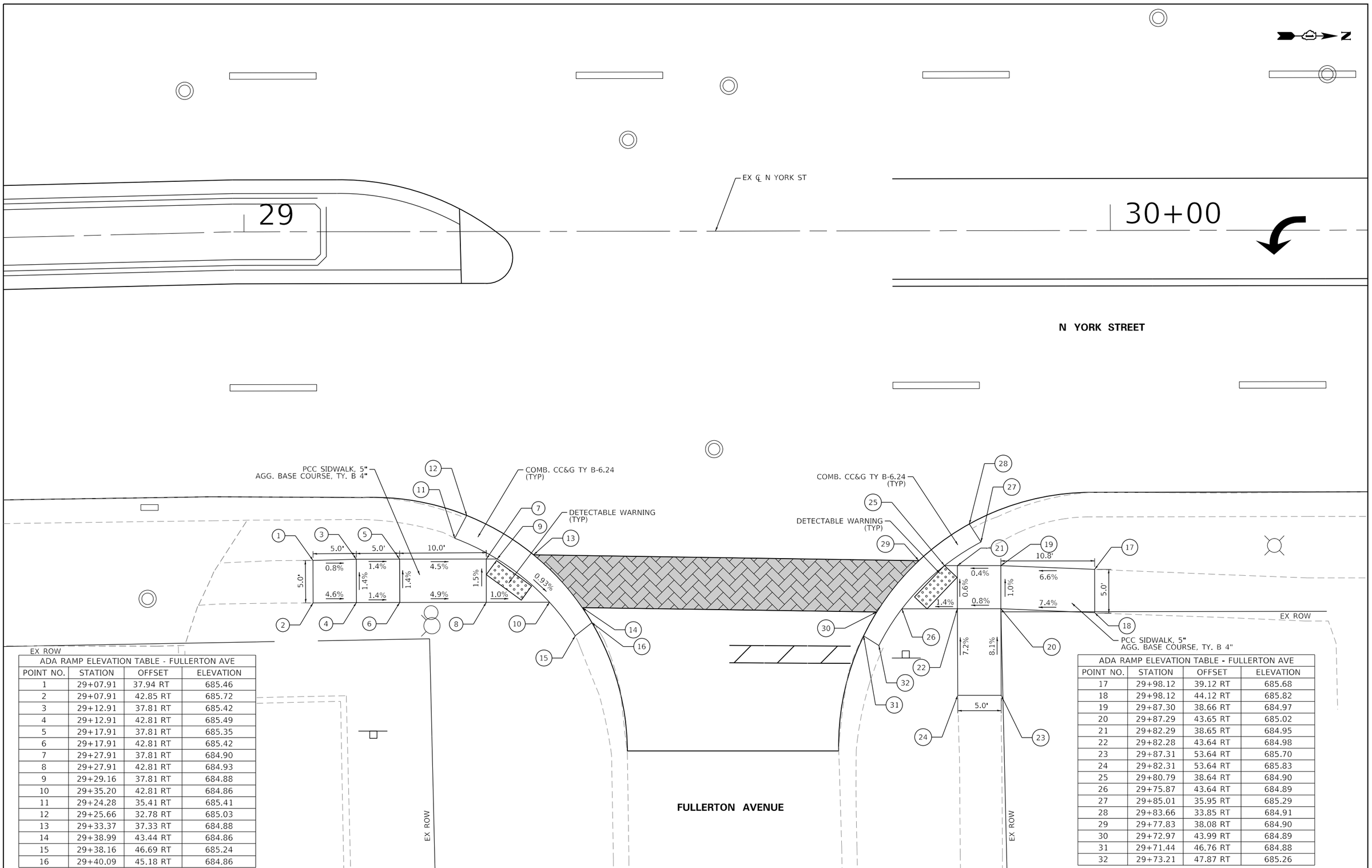
USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
ADA RAMP ELEVATION PLAN

SCALE: 1"=5' | SHEET 2 OF 8 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	38
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



ADA RAMP ELEVATION TABLE - FULLERTON AVE			
POINT NO.	STATION	OFFSET	ELEVATION
1	29+07.91	37.94 RT	685.46
2	29+07.91	42.85 RT	685.72
3	29+12.91	37.81 RT	685.42
4	29+12.91	42.81 RT	685.49
5	29+17.91	37.81 RT	685.35
6	29+17.91	42.81 RT	685.42
7	29+27.91	37.81 RT	684.90
8	29+27.91	42.81 RT	684.93
9	29+29.16	37.81 RT	684.88
10	29+35.20	42.81 RT	684.86
11	29+24.28	35.41 RT	685.41
12	29+25.66	32.78 RT	685.03
13	29+33.37	37.33 RT	684.88
14	29+38.99	43.44 RT	684.86
15	29+38.16	46.69 RT	685.24
16	29+40.09	45.18 RT	684.86

ADA RAMP ELEVATION TABLE - FULLERTON AVE			
POINT NO.	STATION	OFFSET	ELEVATION
17	29+98.12	39.12 RT	685.68
18	29+98.12	44.12 RT	685.82
19	29+87.30	38.66 RT	684.97
20	29+87.29	43.65 RT	685.02
21	29+82.29	38.65 RT	684.95
22	29+82.28	43.64 RT	684.98
23	29+87.31	53.64 RT	685.70
24	29+82.31	53.64 RT	685.83
25	29+80.79	38.64 RT	684.90
26	29+75.87	43.64 RT	684.89
27	29+85.01	35.95 RT	685.29
28	29+83.66	33.85 RT	684.91
29	29+77.83	38.08 RT	684.90
30	29+72.97	43.99 RT	684.89
31	29+71.44	46.76 RT	684.88
32	29+73.21	47.87 RT	685.26

BLA, Inc.

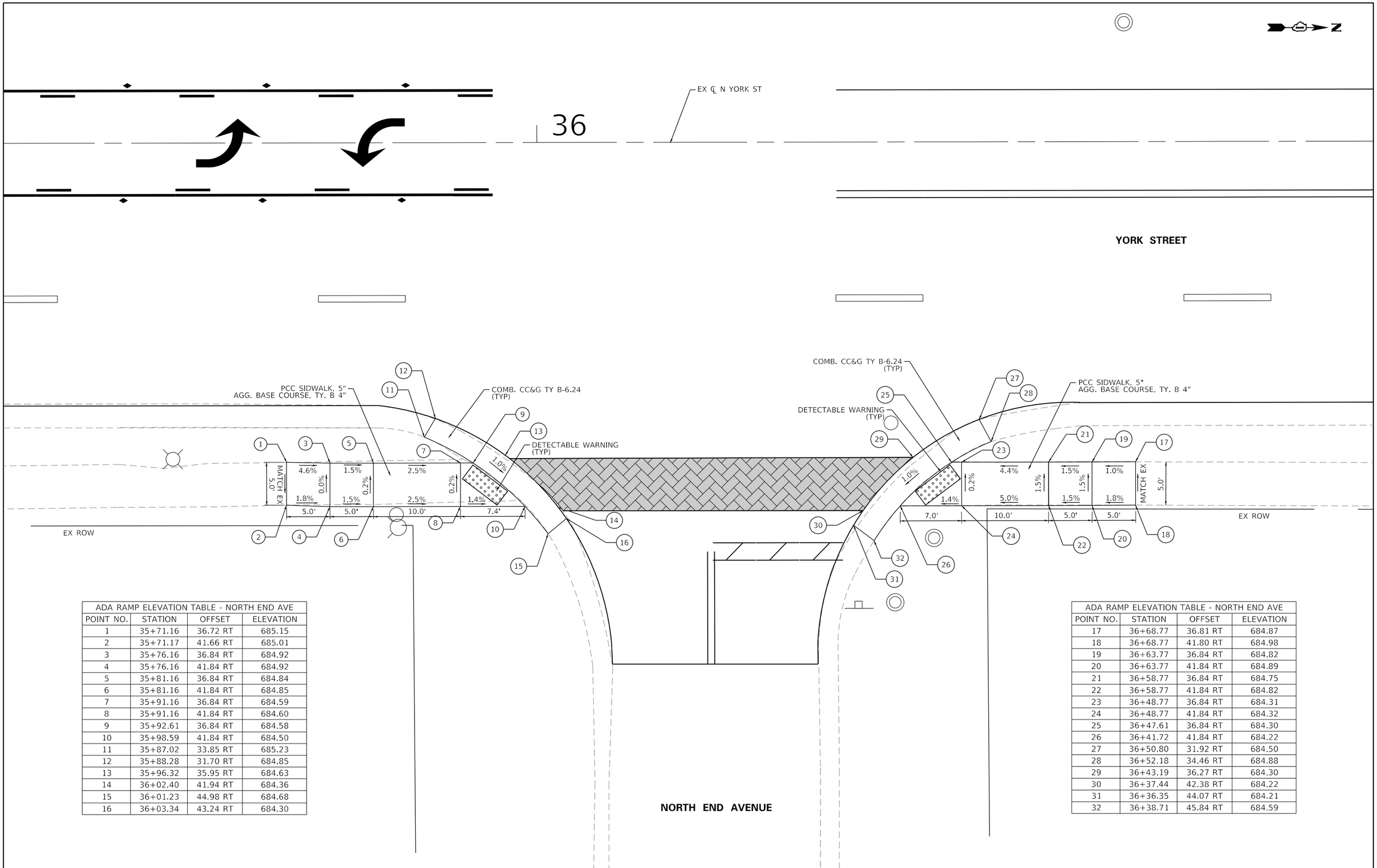
USER NAME = cesario	DESIGNED - MTC	REVISED -	
	DRAWN - MTC	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MTC	REVISED -	
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
ADA RAMP ELEVATION PLAN

SCALE: 1"=5' | SHEET 3 OF 8 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	39
		CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			



ADA RAMP ELEVATION TABLE - NORTH END AVE			
POINT NO.	STATION	OFFSET	ELEVATION
1	35+71.16	36.72 RT	685.15
2	35+71.17	41.66 RT	685.01
3	35+76.16	36.84 RT	684.92
4	35+76.16	41.84 RT	684.92
5	35+81.16	36.84 RT	684.84
6	35+81.16	41.84 RT	684.85
7	35+91.16	36.84 RT	684.59
8	35+91.16	41.84 RT	684.60
9	35+92.61	36.84 RT	684.58
10	35+98.59	41.84 RT	684.50
11	35+87.02	33.85 RT	685.23
12	35+88.28	31.70 RT	684.85
13	35+96.32	35.95 RT	684.63
14	36+02.40	41.94 RT	684.36
15	36+01.23	44.98 RT	684.68
16	36+03.34	43.24 RT	684.30

ADA RAMP ELEVATION TABLE - NORTH END AVE			
POINT NO.	STATION	OFFSET	ELEVATION
17	36+68.77	36.81 RT	684.87
18	36+68.77	41.80 RT	684.98
19	36+63.77	36.84 RT	684.82
20	36+63.77	41.84 RT	684.89
21	36+58.77	36.84 RT	684.75
22	36+58.77	41.84 RT	684.82
23	36+48.77	36.84 RT	684.31
24	36+48.77	41.84 RT	684.32
25	36+47.61	36.84 RT	684.30
26	36+41.72	41.84 RT	684.22
27	36+50.80	31.92 RT	684.50
28	36+52.18	34.46 RT	684.88
29	36+43.19	36.27 RT	684.30
30	36+37.44	42.38 RT	684.22
31	36+36.35	44.07 RT	684.21
32	36+38.71	45.84 RT	684.59

BLA, Inc.

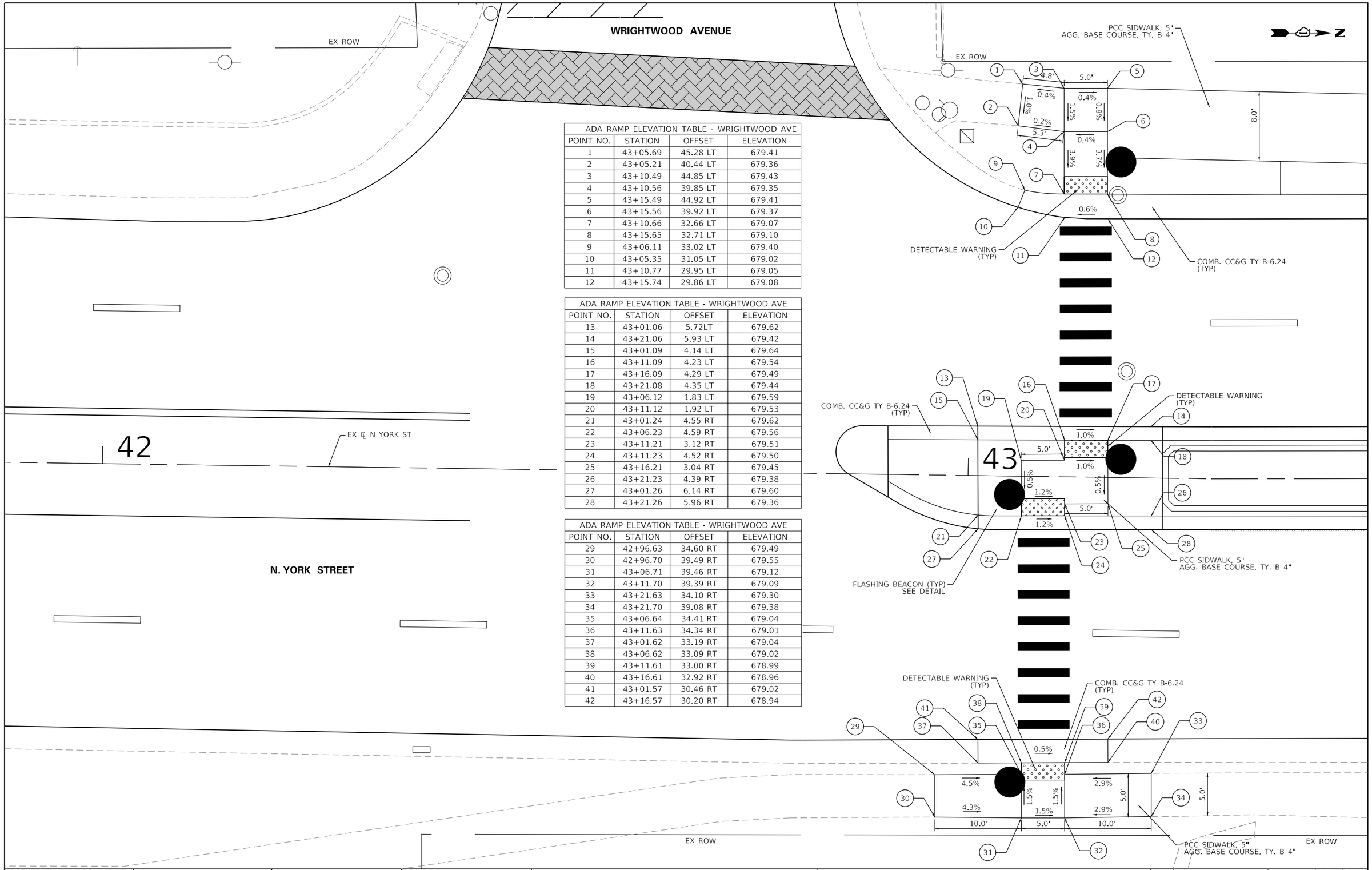
USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
ADA RAMP ELEVATION PLAN

SCALE: 1"=5' | SHEET 4 OF 8 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	40
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	



ADA RAMP ELEVATION TABLE - WRIGHTWOOD AVE			
POINT NO.	STATION	OFFSET	ELEVATION
1	43+05.69	45.28 LT	679.41
2	43+05.21	40.44 LT	679.36
3	43+10.49	44.85 LT	679.43
4	43+10.56	39.85 LT	679.35
5	43+15.49	44.92 LT	679.41
6	43+15.56	39.92 LT	679.37
7	43+10.66	32.66 LT	679.07
8	43+15.65	32.71 LT	679.10
9	43+06.11	33.02 LT	679.40
10	43+05.35	31.05 LT	679.02
11	43+10.77	29.95 LT	679.05
12	43+15.74	29.86 LT	679.08

ADA RAMP ELEVATION TABLE - WRIGHTWOOD AVE			
POINT NO.	STATION	OFFSET	ELEVATION
13	43+01.06	5.72LT	679.62
14	43+21.06	5.93 LT	679.42
15	43+01.09	4.14 LT	679.64
16	43+11.09	4.23 LT	679.54
17	43+16.09	4.29 LT	679.49
18	43+21.08	4.35 LT	679.44
19	43+06.12	1.83 LT	679.59
20	43+11.12	1.92 LT	679.53
21	43+01.24	4.55 RT	679.62
22	43+06.23	4.59 RT	679.56
23	43+11.21	3.12 RT	679.51
24	43+11.23	4.52 RT	679.50
25	43+16.21	3.04 RT	679.45
26	43+21.23	4.39 RT	679.38
27	43+01.26	6.14 RT	679.60
28	43+21.26	5.96 RT	679.36

ADA RAMP ELEVATION TABLE - WRIGHTWOOD AVE			
POINT NO.	STATION	OFFSET	ELEVATION
29	42+96.63	34.60 RT	679.49
30	42+96.70	39.49 RT	679.55
31	43+06.71	39.46 RT	679.12
32	43+11.70	39.39 RT	679.09
33	43+21.63	34.10 RT	679.30
34	43+21.70	39.08 RT	679.38
35	43+06.64	34.41 RT	679.04
36	43+11.63	34.34 RT	679.01
37	43+01.62	33.19 RT	679.04
38	43+06.62	33.09 RT	679.02
39	43+11.61	33.00 RT	678.99
40	43+16.61	32.92 RT	678.96
41	43+01.57	30.46 RT	679.02
42	43+16.57	30.20 RT	678.94

BLA, Inc.

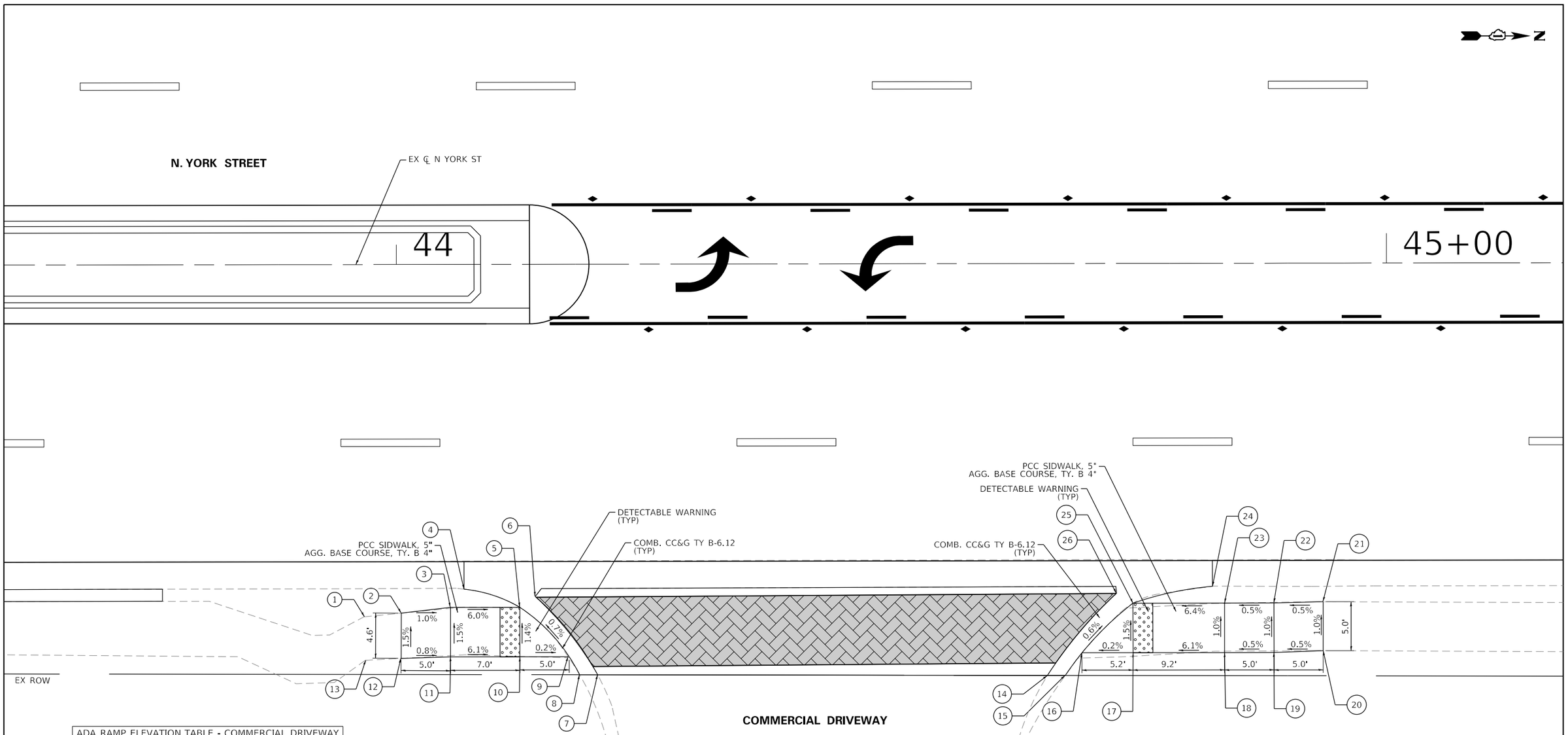
USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
ADA RAMP ELEVATION PLAN

SCALE: 1"=5' | SHEET 5 OF 8 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	41
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



COMMERCIAL DRIVEWAY

ADA RAMP ELEVATION TABLE - COMMERCIAL DRIVEWAY			
POINT NO.	STATION	OFFSET	ELEVATION
1	43+96.73	35.56 RT	678.38
2	44+00.44	35.20 RT	678.37
3	44+05.41	34.62 RT	678.32
4	44+06.78	32.79 RT	678.40
5	44+12.39	34.62 RT	677.90
6	44+13.97	33.53 RT	677.91
7	44+20.27	41.44 RT	677.98
8	44+18.45	41.34 RT	678.42
9	44+17.29	39.62 RT	677.96
10	44+10.41	39.62 RT	677.97
11	44+05.41	39.62 RT	678.40
12	44+00.40	39.76 RT	678.44
13	43+96.84	39.95 RT	678.83

ADA RAMP ELEVATION TABLE - COMMERCIAL DRIVEWAY			
POINT NO.	STATION	OFFSET	ELEVATION
14	44+65.69	41.58 RT	677.59
15	44+67.49	41.58 RT	678.03
16	44+69.18	39.30 RT	677.38
17	44+76.35	39.30 RT	677.39
18	44+83.59	39.30 RT	677.95
19	44+85.57	39.30 RT	677.96
20	44+93.54	39.12 RT	677.97
21	44+93.55	34.18 RT	677.92
22	44+88.59	34.30 RT	677.91
23	44+83.59	34.31 RT	677.90
24	44+82.36	32.61 RT	677.30
25	44+76.35	34.30 RT	677.31
26	47+72.68	33.29 RT	677.32

BLA, Inc.

USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

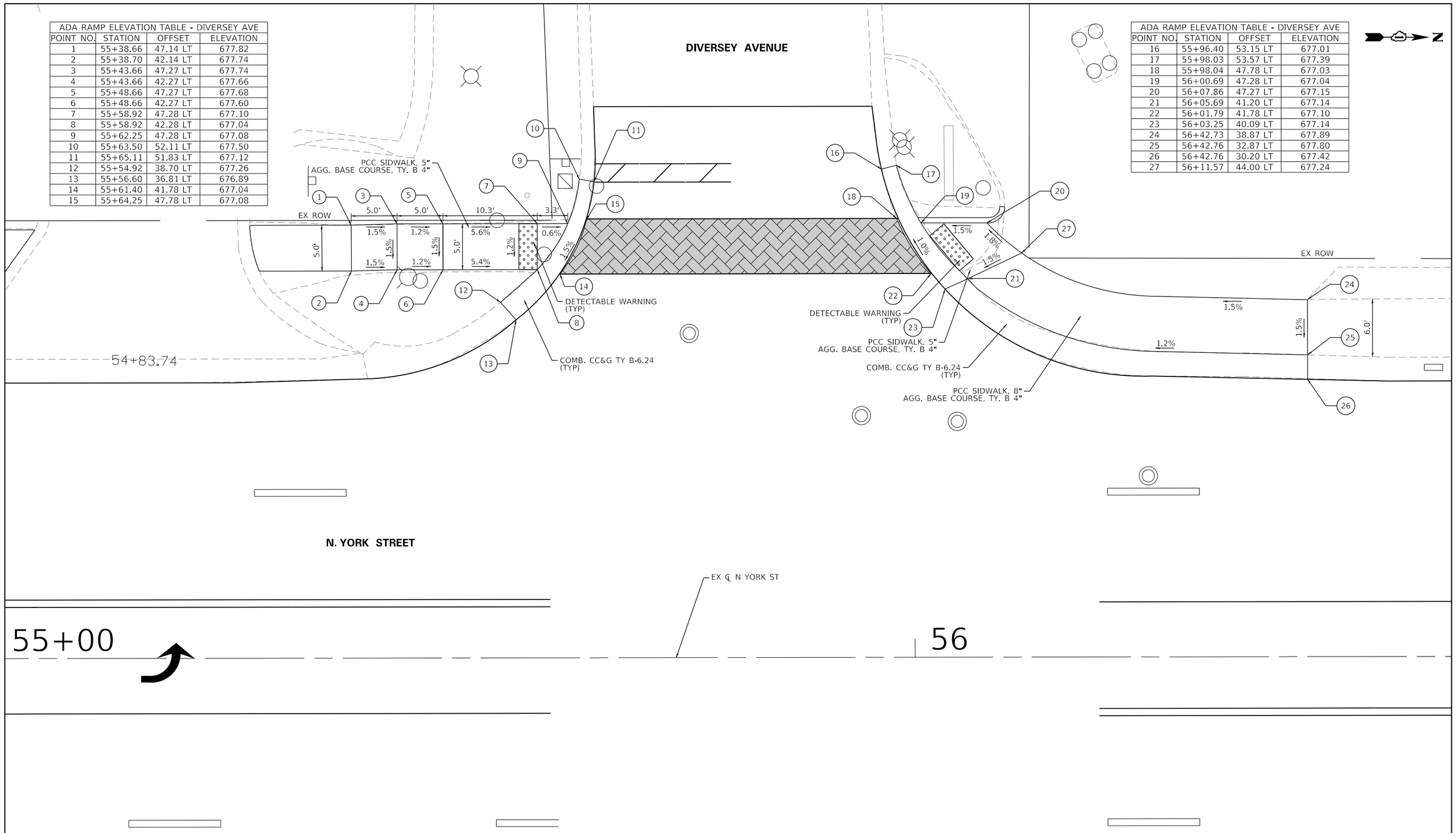
NORTH YORK STREET – ROADWAY REHABILITATION
ADA RAMP ELEVATION PLAN

SCALE: 1"=5' | SHEET 6 OF 8 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	42
		CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			

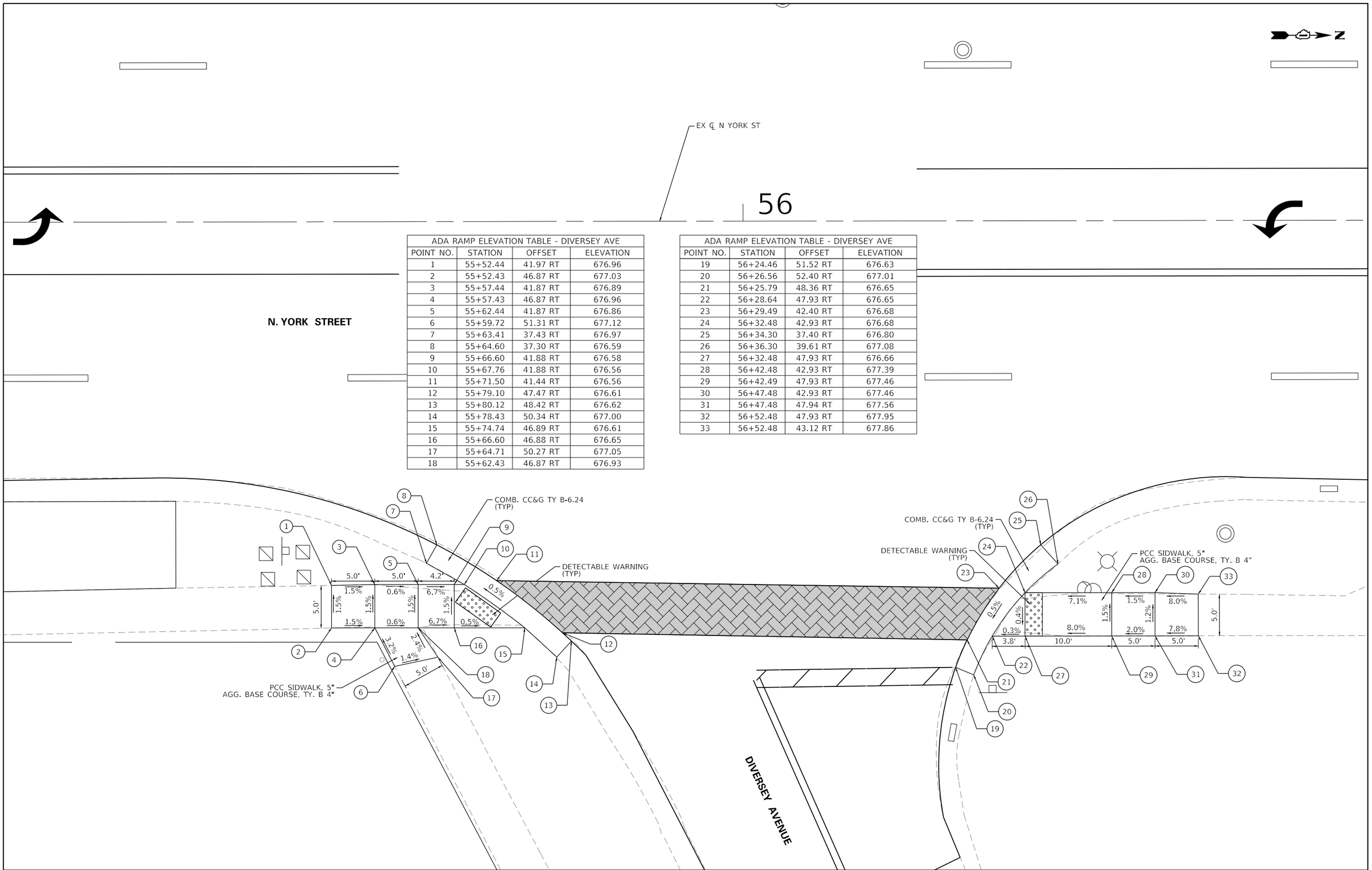
ADA RAMP ELEVATION TABLE - DIVERSEY AVE			
POINT NO.	STATION	OFFSET	ELEVATION
1	55+38.66	47.14 LT	677.82
2	55+38.70	42.14 LT	677.74
3	55+43.66	47.27 LT	677.74
4	55+43.66	42.27 LT	677.66
5	55+48.66	47.27 LT	677.68
6	55+48.66	42.27 LT	677.60
7	55+58.92	47.28 LT	677.10
8	55+58.92	42.28 LT	677.04
9	55+62.25	47.28 LT	677.08
10	55+63.50	52.11 LT	677.50
11	55+65.11	51.83 LT	677.12
12	55+54.92	38.70 LT	677.26
13	55+56.60	36.81 LT	676.89
14	55+61.40	41.78 LT	677.04
15	55+64.25	47.78 LT	677.08

ADA RAMP ELEVATION TABLE - DIVERSEY AVE			
POINT NO.	STATION	OFFSET	ELEVATION
16	55+96.40	53.15 LT	677.01
17	55+98.03	53.57 LT	677.39
18	55+98.04	47.78 LT	677.03
19	56+00.69	47.28 LT	677.04
20	56+07.86	47.27 LT	677.15
21	56+05.69	41.20 LT	677.14
22	56+01.79	41.78 LT	677.10
23	56+03.25	40.09 LT	677.14
24	56+42.73	38.87 LT	677.89
25	56+42.76	32.87 LT	677.80
26	56+42.76	30.20 LT	677.42
27	56+11.57	44.00 LT	677.24



BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH YORK STREET – ROADWAY REHABILITATION ADA RAMP ELEVATION PLAN
		DRAWN - MTC	REVISED -		
	PLOT SCALE = 10.0000 ' / in.	CHECKED - MTC	REVISED -		
	PLOT DATE = 9/30/2022	DATE - 04/19/2021	REVISED -		SCALE: 1"=5' | SHEET 7 OF 8 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	43
		CONTRACT NO. 61H91		
	ILLINOIS | FED. AID PROJECT			



ADA RAMP ELEVATION TABLE - DIVERSEY AVE			
POINT NO.	STATION	OFFSET	ELEVATION
1	55+52.44	41.97 RT	676.96
2	55+52.43	46.87 RT	677.03
3	55+57.44	41.87 RT	676.89
4	55+57.43	46.87 RT	676.96
5	55+62.44	41.87 RT	676.86
6	55+59.72	51.31 RT	677.12
7	55+63.41	37.43 RT	676.97
8	55+64.60	37.30 RT	676.59
9	55+66.60	41.88 RT	676.58
10	55+67.76	41.88 RT	676.56
11	55+71.50	41.44 RT	676.56
12	55+79.10	47.47 RT	676.61
13	55+80.12	48.42 RT	676.62
14	55+78.43	50.34 RT	677.00
15	55+74.74	46.89 RT	676.61
16	55+66.60	46.88 RT	676.65
17	55+64.71	50.27 RT	677.05
18	55+62.43	46.87 RT	676.93

ADA RAMP ELEVATION TABLE - DIVERSEY AVE			
POINT NO.	STATION	OFFSET	ELEVATION
19	56+24.46	51.52 RT	676.63
20	56+26.56	52.40 RT	677.01
21	56+25.79	48.36 RT	676.65
22	56+28.64	47.93 RT	676.65
23	56+29.49	42.40 RT	676.68
24	56+32.48	42.93 RT	676.68
25	56+34.30	37.40 RT	676.80
26	56+36.30	39.61 RT	677.08
27	56+32.48	47.93 RT	676.66
28	56+42.48	42.93 RT	677.39
29	56+42.49	47.93 RT	677.46
30	56+47.48	42.93 RT	677.46
31	56+47.48	47.94 RT	677.56
32	56+52.48	47.93 RT	677.95
33	56+52.48	43.12 RT	677.86

BLA, Inc.

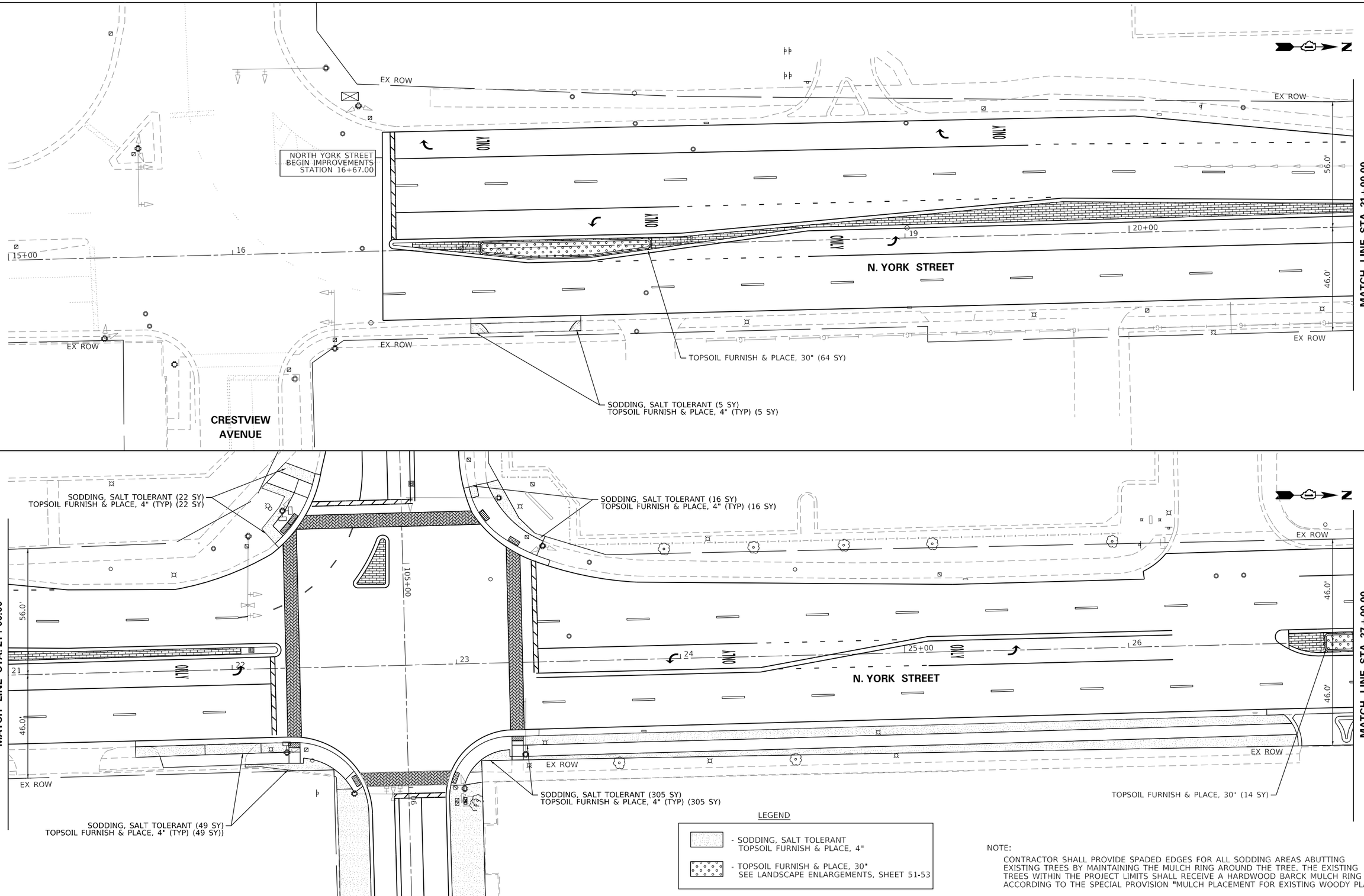
USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
ADA RAMP ELEVATION PLAN

SCALE: 1"=5' | SHEET 8 OF 8 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	44
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	



NOTE:

CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREAS ABUTTING EXISTING TREES BY MAINTAINING THE MULCH RING AROUND THE TREE. THE EXISTING TREES WITHIN THE PROJECT LIMITS SHALL RECEIVE A HARDWOOD BARCK MULCH RING ACCORDING TO THE SPECIAL PROVISION "MULCH PLACEMENT FOR EXISTING WOODY PLANTS"

BLA, Inc.

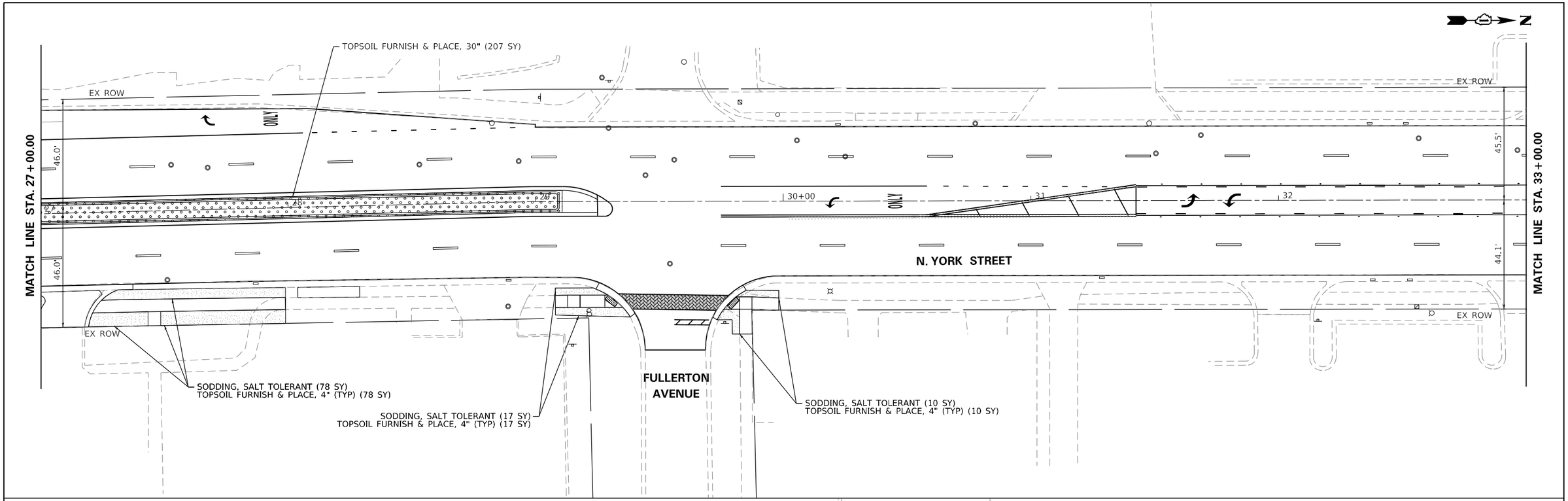
USER NAME = cesario	DESIGNED - MTC	REVISED - 08/02/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/28/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
LANDSCAPING PLAN 15+00.00 21+00.00

SCALE: 1"=20' | SHEET 1 OF 5 SHEETS | STA. 21+00.00 | TO STA. 27+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	45
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREAS ABUTTING EXISTING TREES BY MAINTAINING THE MULCH RING AROUND THE TREE. THE EXISTING TREES WITHIN THE PROJECT LIMITS SHALL RECEIVE A HARDWOOD BARCK MULCH RING ACCORDING TO THE SPECIAL PROVISION "MULCH PLACEMENT FOR EXISTING WOODY PLANTS"

BLA, Inc.

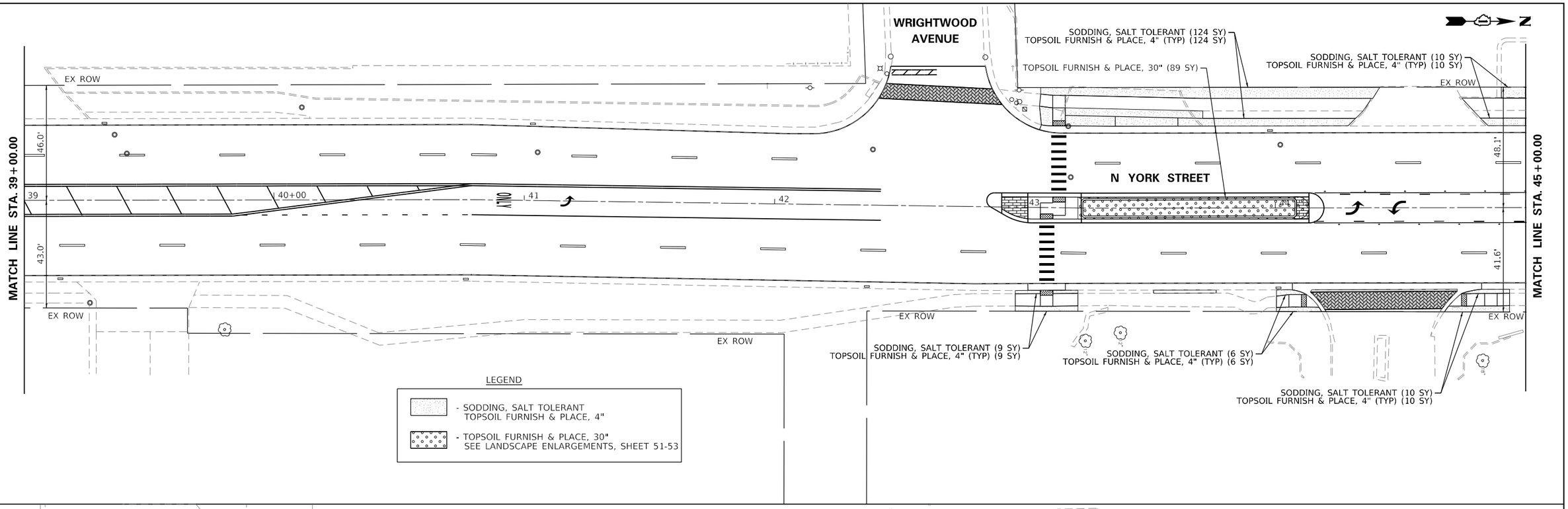
USER NAME = cesario	DESIGNED - MTC	REVISED - 08/02/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

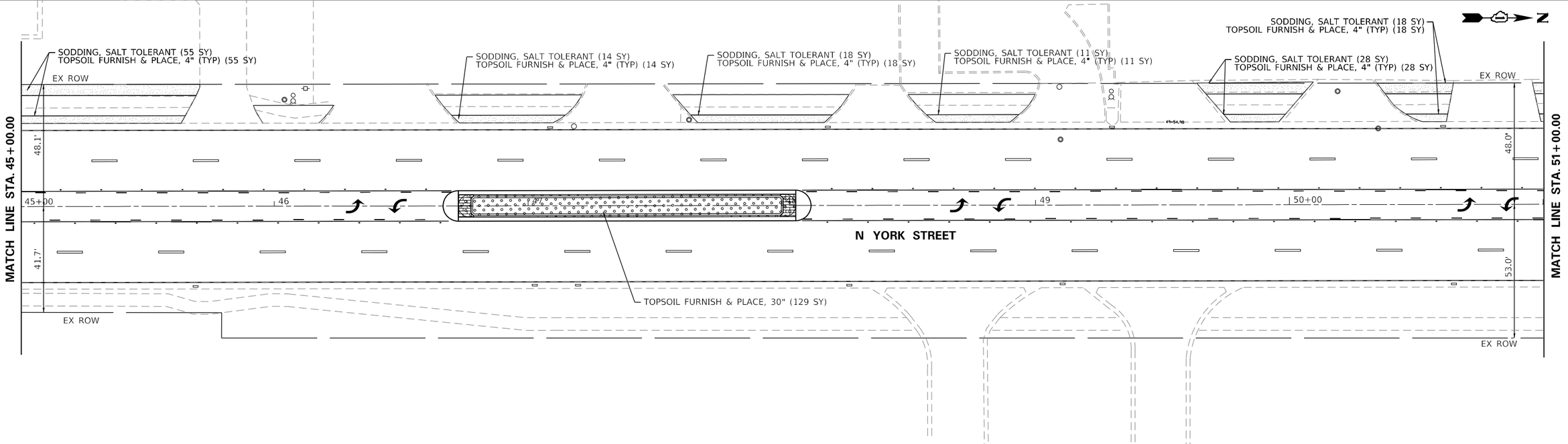
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
LANDSCAPING PLAN 27+00.00 33+00.00

SCALE: 1"=20' | SHEET 2 OF 5 SHEETS | STA. 33+00.00 TO STA. 39+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	46
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	





NOTE:
CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREAS ABUTTING EXISTING TREES BY MAINTAINING THE MULCH RING AROUND THE TREE. THE EXISTING TREES WITHIN THE PROJECT LIMITS SHALL RECEIVE A HARDWOOD BARCK MULCH RING ACCORDING TO THE SPECIAL PROVISION "MULCH PLACEMENT FOR EXISTING WOODY PLANTS"

BLA, Inc.

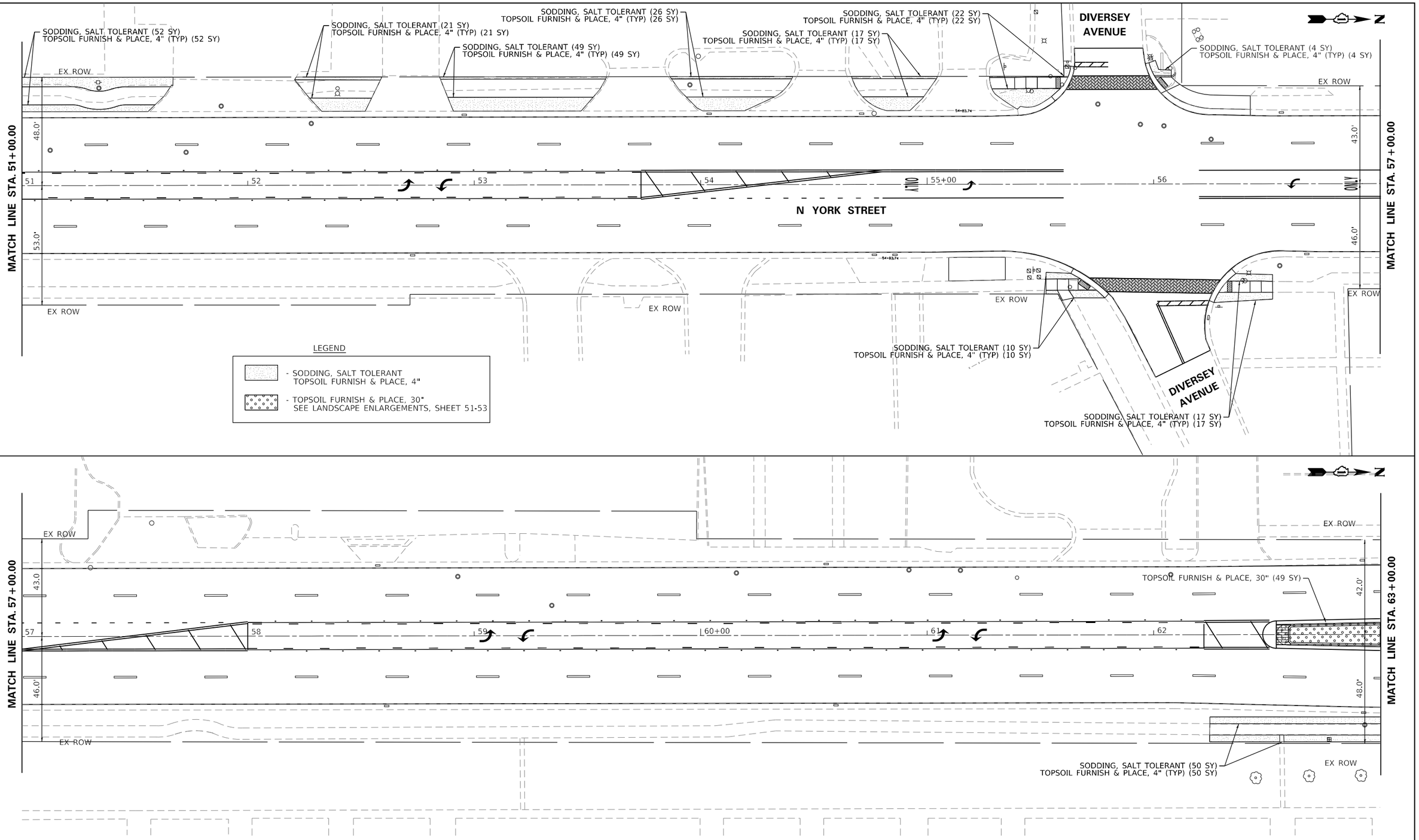
USER NAME = cesario	DESIGNED - MTC	REVISED - 08/02/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
LANDSCAPING PLAN 39+00.00 45+00.00

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. 45+00.00 | TO STA. 51+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	47
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



NOTE:

CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREAS ABUTTING EXISTING TREES BY MAINTAINING THE MULCH RING AROUND THE TREE. THE EXISTING TREES WITHIN THE PROJECT LIMITS SHALL RECEIVE A HARDWOOD BARCK MULCH RING ACCORDING TO THE SPECIAL PROVISION "MULCH PLACEMENT FOR EXISTING WOODY PLANTS"

BLA, Inc.

USER NAME = cesario	DESIGNED - MTC	REVISED - 08/02/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
LANDSCAPING PLAN 51+00.00 57+00.00

SCALE: 1"=20' | SHEET 4 OF 5 SHEETS | STA. 57+00.00 | TO STA. 63+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	48
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	

MATCH LINE STA. 63+00.00

TOPSOIL FURNISH & PLACE, 30" (58 SY)

EX ROW

42.0'

48.0'

63

64

65+00

66

67

68

N YORK STREET

EX ROW

EX ROW

SODDING, SALT TOLERANT (149 SY)
TOPSOIL FURNISH & PLACE, 4" (TYP) (149 SY)

EX ROW

EX ROW

GRAND AVENUE

EX ROW

EX ROW

N

LEGEND

- SODDING, SALT TOLERANT TOPSOIL FURNISH & PLACE, 4"

- TOPSOIL FURNISH & PLACE, 30" SEE LANDSCAPE ENLARGEMENTS, SHEET 51-53

N YORK STREET

EX ROW

EX ROW

SODDING, SALT TOLERANT (157 SY)
TOPSOIL FURNISH & PLACE, 4" (TYP) (157 SY)

SODDING, SALT TOLERANT (147 SY)
TOPSOIL FURNISH & PLACE, 4" (TYP) (147 SY)

EX ROW

23

103

104

105+00

106

107

108

INDUSTRIAL DRIVE

BELDEN AVENUE

EX ROW

EX ROW

EX ROW

SODDING, SALT TOLERANT (137 SY)
TOPSOIL FURNISH & PLACE, 4" (TYP) (137 SY)

SODDING, SALT TOLERANT (65 SY)
TOPSOIL FURNISH & PLACE, 4" (TYP) (65 SY)

SODDING, SALT TOLERANT (34 SY)
TOPSOIL FURNISH & PLACE, 4" (TYP) (34 SY)

EX ROW

22

EX ROW

NOTE:

CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREAS ABUTTING EXISTING TREES BY MAINTAINING THE MULCH RING AROUND THE TREE. THE EXISTING TREES WITHIN THE PROJECT LIMITS SHALL RECEIVE A HARDWOOD BARCK MULCH RING ACCORDING TO THE SPECIAL PROVISION "MULCH PLACEMENT FOR EXISTING WOODY PLANTS"

BLA, Inc.

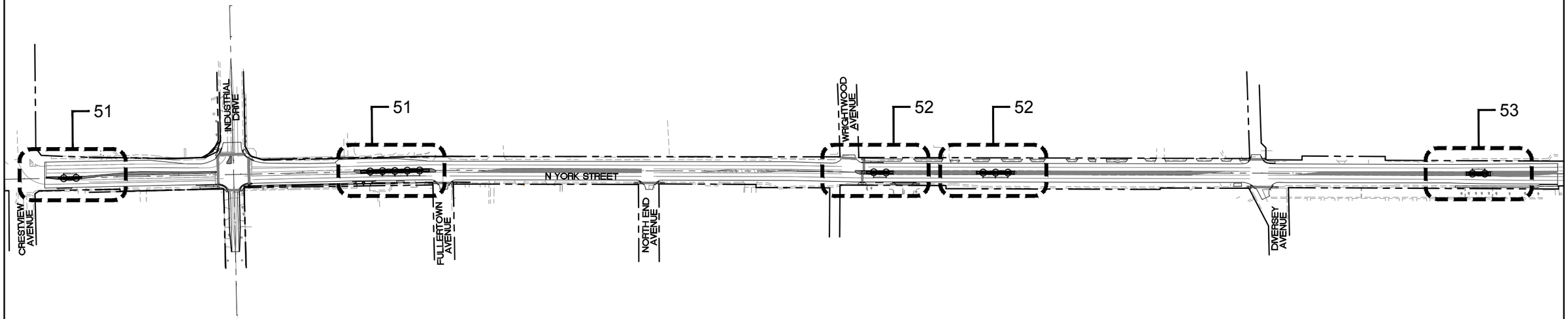
USER NAME = cesario	DESIGNED - MTC	REVISED - 08/02/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/28/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
LANDSCAPING PLAN
63+00.00 69+00.00

SCALE: 1"=20' | SHEET 5 OF 5 SHEETS | STA. 103+00.00 TO STA. 109+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	49
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	



HITCHCOCK DESIGN GROUP
creating better places

BLA, Inc.

USER NAME =	DESIGNED – MPW	REVISED 11/01/2022
	DRAWN – KNT	REVISED –
PLOT SCALE = 1"=160'–0"	CHECKED – TCK	REVISED –
PLOT DATE = 11/01/2022	DATE – 09/28/2022	REVISED –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION
OVERALL LANDSCAPE PLAN

SCALE: 1"=160'–0" | SHEET 1 OF 5 SHEETS | STA. 15+36.00 | TO STA. 65+76.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	50
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	

SCALE: 1"=20'

PLANTING LEGEND

- EXISTING SHADE TREE
- TREE (SEE MATERIAL LIST FOR SPECIES)
- SHRUB (SEE MATERIAL LIST FOR SPECIES)
- PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE MATERIAL LIST FOR SPECIES)

2-GTS2.5
5-ATS6, 18" O.C.
5-RSV6 18" O.C.
40'
9-DLO24
23-SHE6
9-DLO24
5-ATS6, 18" O.C.
5-RSV6, 18" O.C.

N YORK STREET

CRESTVIEW AVENUE

17-RHG24
24-HHR6, 18" O.C.
24-HRO6, 18" O.C.
56-CAK6
20-DLO24
56-CAK6
17-RHG24
5-GTS2.5
40'
24-HHR6, 18" O.C.
24-HRO6, 18" O.C.

N YORK STREET

FULLERTOWN AVENUE

HITCHCOCK DESIGN GROUP
creating better places

BLA, Inc.

USER NAME =	DESIGNED – MPW	REVISED 11/01/2022
	DRAWN – KNT	REVISED –
PLOT SCALE = 1"=20'-0"	CHECKED – TCK	REVISED –
PLOT DATE = 11/01/2022	DATE – 09/28/2022	REVISED –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION
LANDSCAPE PLAN - ENLARGEMENTS

SCALE: 1"=20'-0" | SHEET 2 OF 5 SHEETS | STA. 25+00.00 (15+10.00) TO STA. 31+30.00 (21+39.00)

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	51
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		

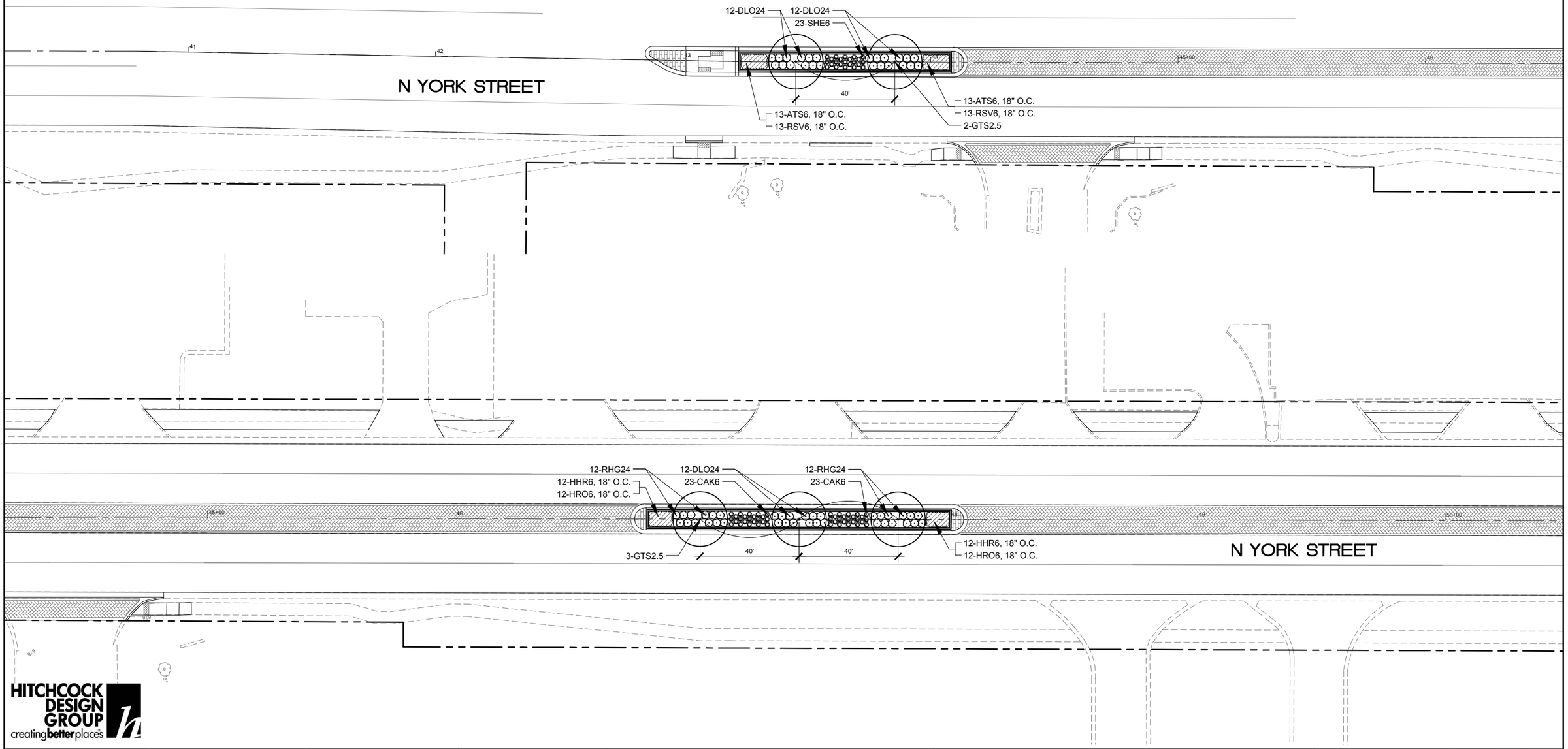
0 20' 40'
SCALE: 1"=20'

WRIGHTWOOD AVENUE

N YORK STREET

PLANTING LEGEND

- EXISTING SHADE TREE
- TREE (SEE MATERIAL LIST FOR SPECIES)
- SHRUB (SEE MATERIAL LIST FOR SPECIES)
- PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE MATERIAL LIST FOR SPECIES)



HITCHCOCK DESIGN GROUP
creating better places

BLA, Inc.

USER NAME =	DESIGNED – MPW	REVISED 11/01/2022	
	DRAWN – KNT	REVISED –	
PLOT SCALE = 1"=20'-0"	CHECKED – TCK	REVISED –	
PLOT DATE = 11/01/2022	DATE – 09/28/2022	REVISED –	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION
LANDSCAPE PLAN - ENLARGEMENTS

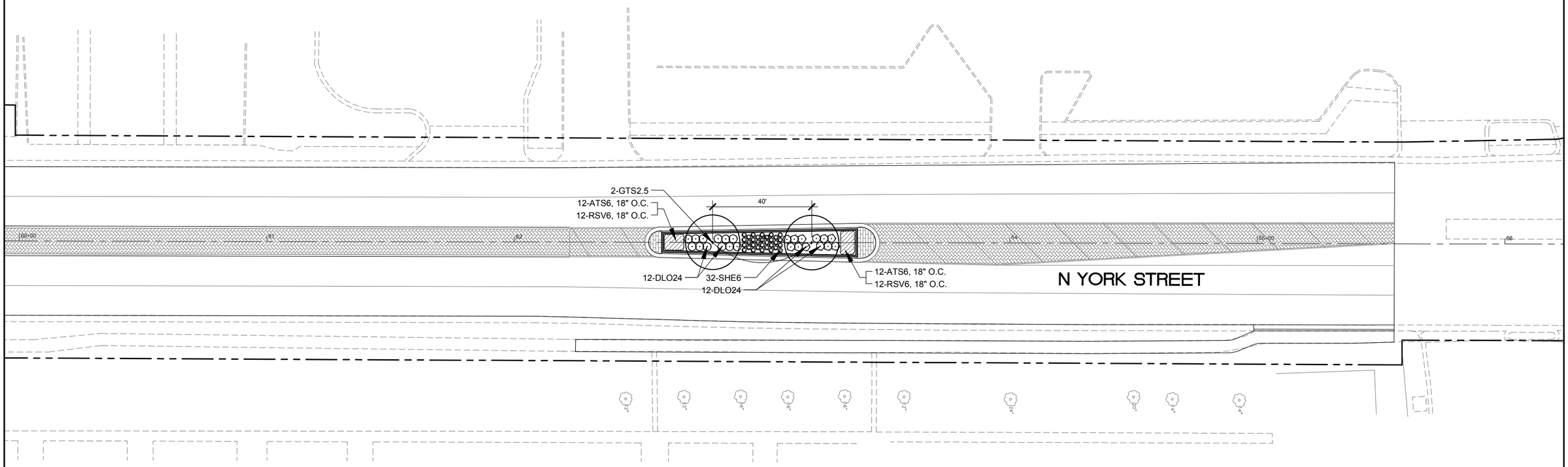
SCALE: 1"=20'-0" | SHEET 3 OF 5 SHEETS | STA. 40+74.00 44+18.00 | TO STA. 46+56.00 50+48.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	52
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	

0 20' 40'
SCALE: 1"=20'

PLANTING LEGEND

- EXISTING SHADE TREE
- TREE (SEE MATERIAL LIST FOR SPECIES)
- SHRUB (SEE MATERIAL LIST FOR SPECIES)
- PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE MATERIAL LIST FOR SPECIES)



HITCHCOCK DESIGN GROUP
creating better places

BLA, Inc.

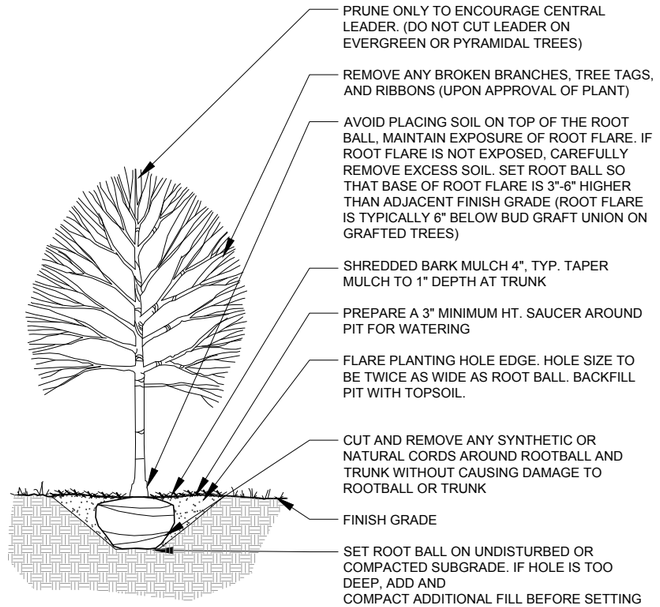
USER NAME =	DESIGNED – MPW	REVISED 11/01/2022
	DRAWN – KNT	REVISED –
PLOT SCALE = 1"=20'-0"	CHECKED – TCK	REVISED –
PLOT DATE = 11/01/2022	DATE – 09/28/2022	REVISED –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

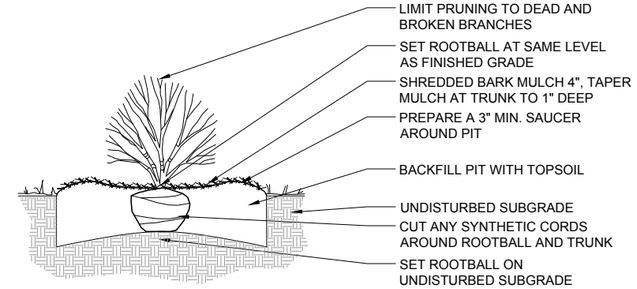
NORTH YORK STREET - ROADWAY REHABILITATION
LANDSCAPE PLAN - ENLARGEMENTS

SCALE: 1"=20'-0" | SHEET 4 OF 5 SHEETS | STA. 59+94.00 | TO STA. 66+24.00

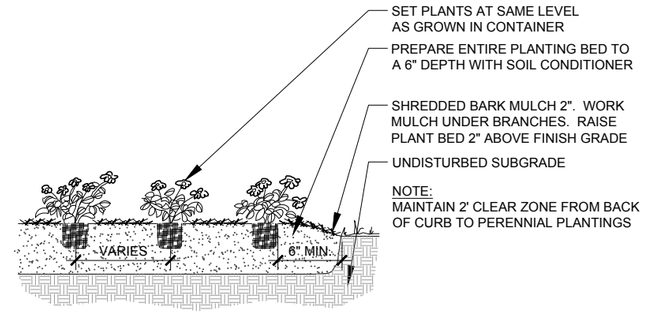
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	53
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



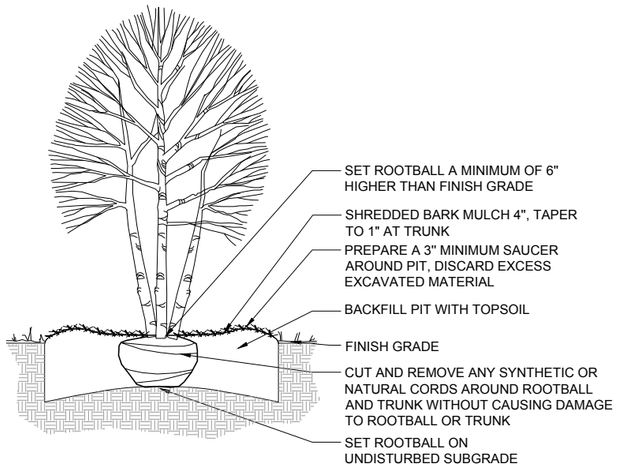
1 DECIDUOUS TREE PLANTING
SCALE: 1/2" = 1'-0"



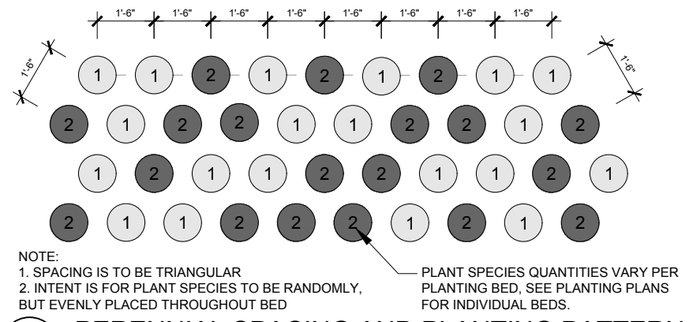
3 SHRUB PLANTING
SCALE: 1/2" = 1'-0"



4 PERENNIAL PLANTING
SCALE: 1/2" = 1'-0"



2 ORNAMENTAL TREE PLANTING
SCALE: 1/2" = 1'-0"



5 PERENNIAL SPACING AND PLANTING PATTERN
1/2" = 1'-0"

PLANT MATERIAL LIST

CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
SHADE TREES				
GTS2.5	GLEDITSIA TRIACANTHOS VAR. INERMIS 'SHADEMASTER'	SHADEMASTER THORNLESS HONEYLOCUST	2 1/2" C	14
DECIDUOUS SHRUBS				
DLO24	DIERVILLA lONICERA	DWARF BUSH-HONEYSUCKLE	5 GAL	98
RHG24	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	3 GAL	58
PERENNIALS				
ATS6	ALLIUM TANGUTICUM 'SUMMER BEAUTY'	SUMMER BEAUTY ORNAMENTAL CHIVE	1 GAL	60
CAK6	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	1 GAL	158
HHR6	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	72
HRO6	HEMEROCALLIS 'ROSY RETURNS'	ROSY RETURNS DAYLILIY	1 GAL	72
RSV6	RUDBECKIA SPECIOSA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	60
SHE6	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL	78

ALL PERENNIALS TO BE PAID FOR AS PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT (1 UNIT = 100 PLANTS)

TOTAL PERENNIALS: 500
TOTAL UNITS: 5.00

PLANTING NOTES

1. QUANTITIES ARE SUMMARIZED FOR THE CONVENIENCE OF THE OWNER ONLY. PAYMENT WILL BE MADE BASED ON ACTUAL QUANTITIES INSTALLED AS MEASURED BY THE ENGINEER.

2. LAYOUT OF ALL PLANT MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.

3. CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL IN ALL DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE PROTECTED WITHIN 24 HOURS. DO NOT DISTURB MORE AREA THAN CAN BE COMPLETED AND PROTECTED WITHIN 24 HOURS.

4. PLACE TOPSOIL TO A DEPTH OF 30 INCHES IN ALL MEDIAN PLANTING AREAS. PLACE 3 INCHES OF SOIL CONDITIONER IN ALL PLANTING BEDS, ROTOTILL INTO TOP 12 INCHES.

5. APPLY PRE-EMERGENT GRANULAR HERBICIDE AFTER PLANTING FOR TREE AND PLANT BED AREAS.

6. PROVIDE MULCH TO A DEPTH OF 4 INCHES ON ALL WOODY PLANTS AND 2 INCHES ON ALL PERENNIALS PER IDOT STANDARD SPECIFICATIONS.

7. REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL CONDITIONS, STANDARDS AND NOTES.

HITCHCOCK DESIGN GROUP
creating better place's

BLA, Inc.

USER NAME =	DESIGNED — MPW	REVISED 11/01/2022
	DRAWN — KNT	REVISED —
PLOT SCALE = N/A	CHECKED — TCK	REVISED —
PLOT DATE = 11/01/2022	DATE — 09/28/2022	REVISED —

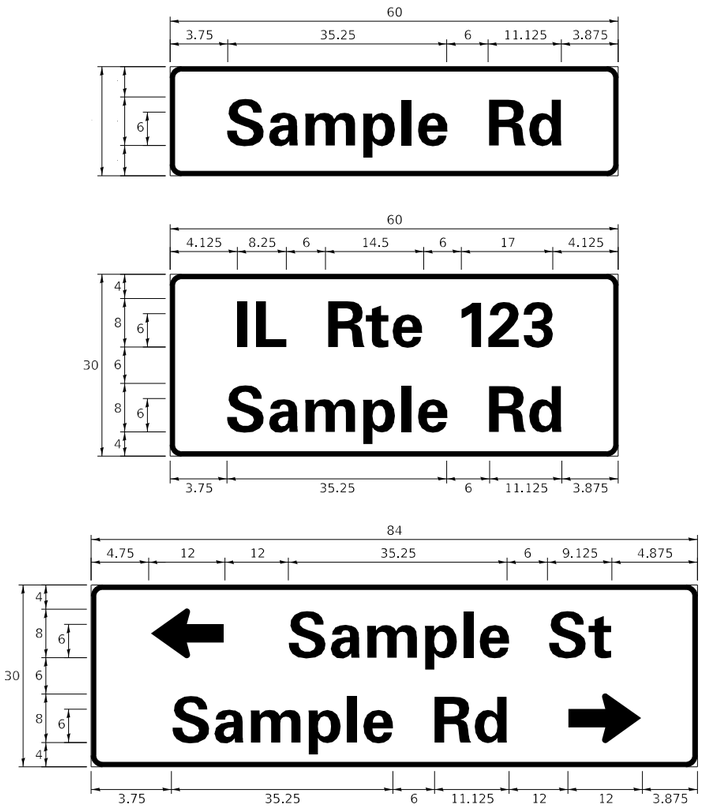
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION
PLANTING DETAILS

SCALE: N/A | SHEET 5 OF 5 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	54
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

.

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
4. A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8"-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

- J.O. HERBERT COMPANY, INC
  MIDLOTHIAN, VA
- WESTERN REMAC, INC.
  WOODRIDGE, IL

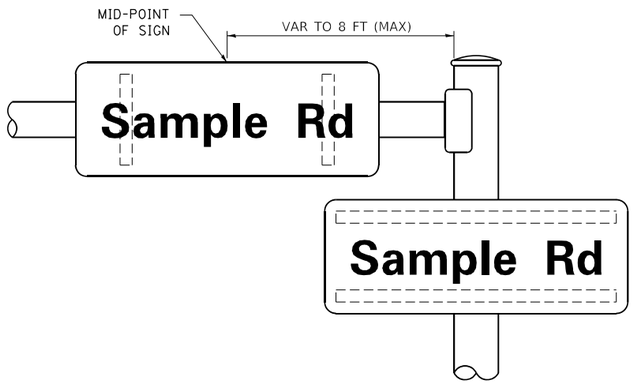
PARTS LISTING:

SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
SIGN SCREWS	1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
BRACKETS	PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

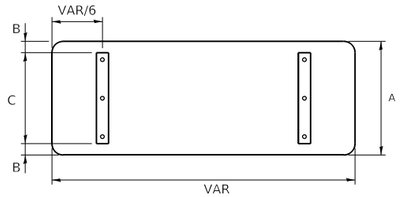
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

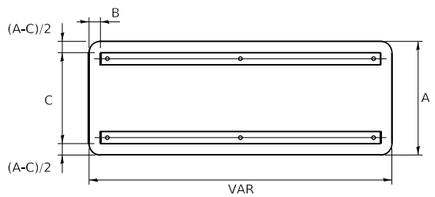
ARM OR POLE MOUNTED



SUPPORTING CHANNELS



A	B	C
18"	2"	14"
30"	2"	24"



A	B	C
18"	2"	12"
30"	2"	22"

STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

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	DRAWN - LP	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - IP	REVISED -	
PLOT DATE = 3/4/2019	DATE - 10/01/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	55
	TS-02	CONTRACT NO.		61H91
	ILLINOIS	FED. AID PROJECT		

ts02.dgn 3/4/2019 11:09:17 AM User: footemj

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	CC	CC
MASTER CONTROLLER	MC	MC
MASTER MASTER CONTROLLER	MMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
DOUBLE HANDHOLE		
JUNCTION BOX	J	J
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET	RXR	RXR
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P P	P P
SAMPLING (SYSTEM) DETECTOR	S S	S S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS IS	IS IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS QS	QS QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	R Y G ◄Y ◄G (P)	R Y G ◄Y ◄G (P)
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	R Y G ◄Y ◄G (P) (RB)	R Y G ◄Y ◄G (P) (RB)
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

USER NAME = footemj	DESIGNED - IP	REVISED -	
	DRAWN - IP	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 3/4/2019	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	20-00198-00-RS	DUPAGE	88	56
	TS-05	CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			

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ts05.dgn 3/4/2019 11:21:59 AM User:footemj

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

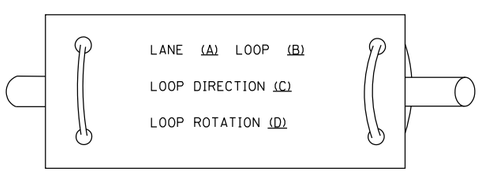
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

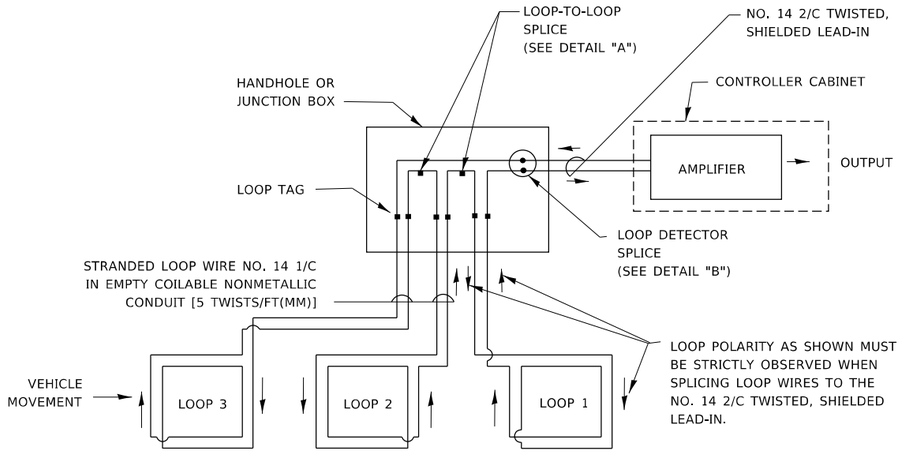


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

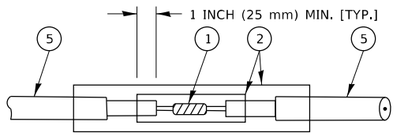
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

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"
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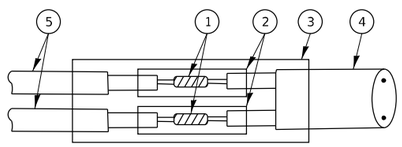
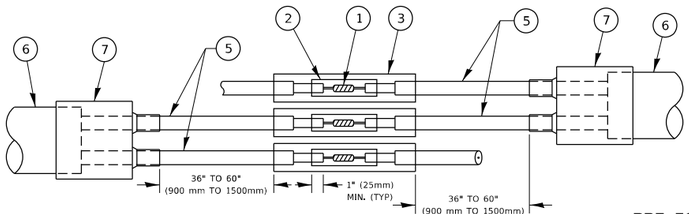


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



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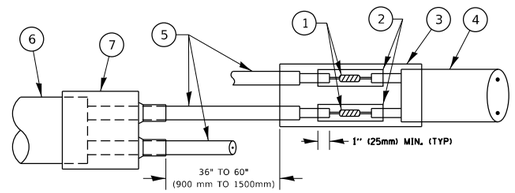
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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. PRE-FORMED LOOP

(6) XL POLYOLEFIN 2 CONDUCTOR

(7) BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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

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.
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	TS-05	CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			

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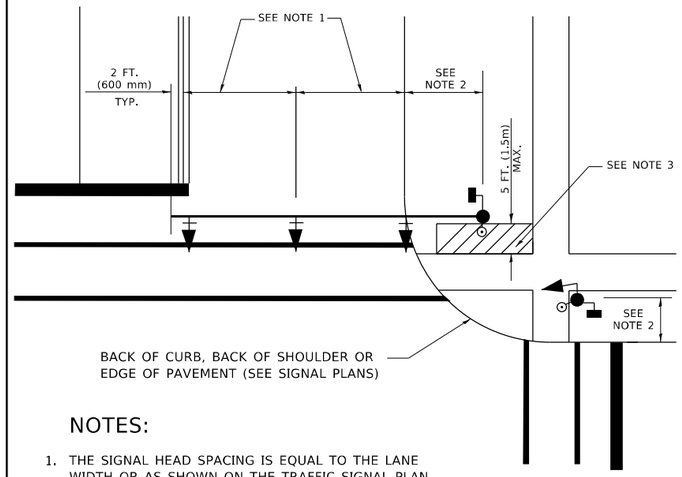
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

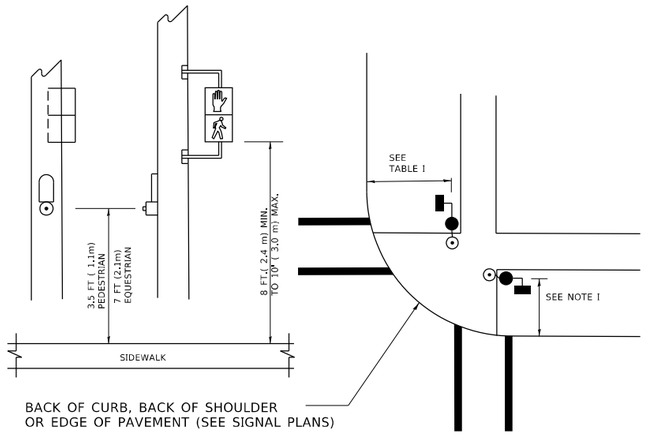
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

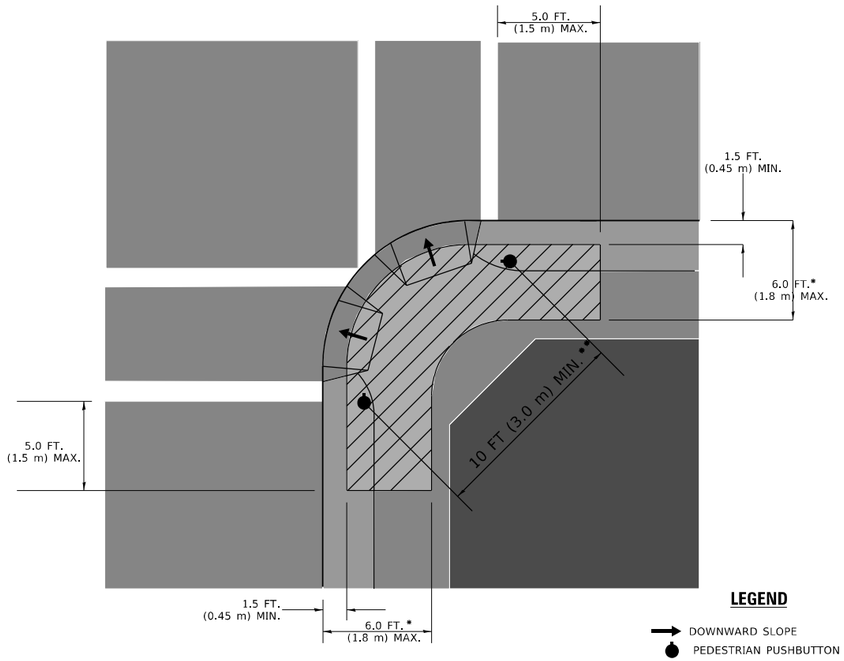
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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



* 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 TOTHE 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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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.
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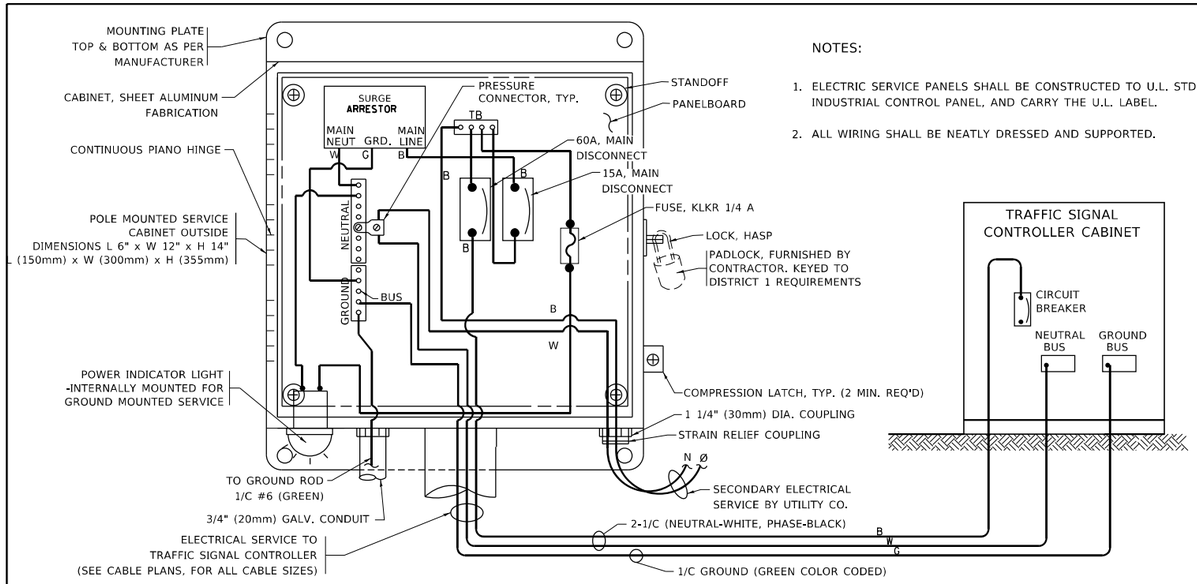


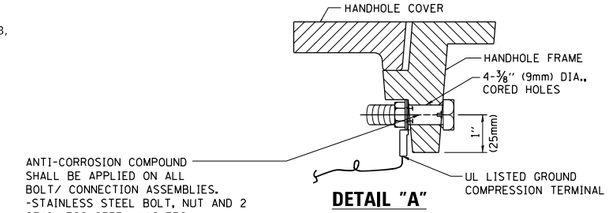
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)



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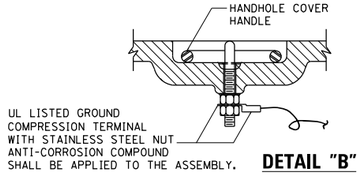
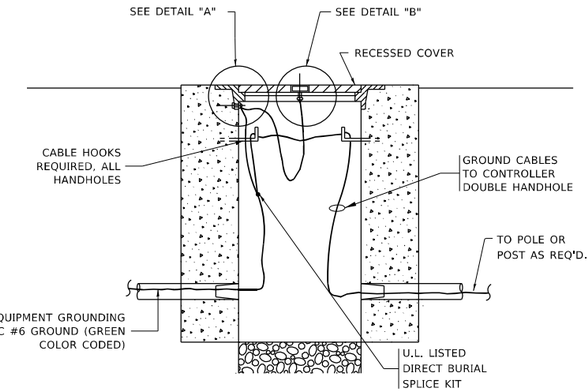


DETAIL "B"

NOTES:

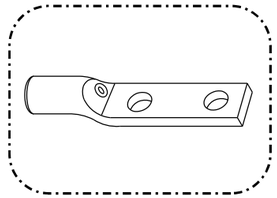
GROUNDING SYSTEM

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.

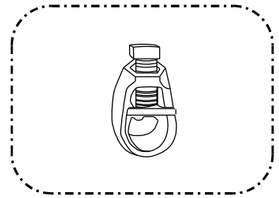


HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



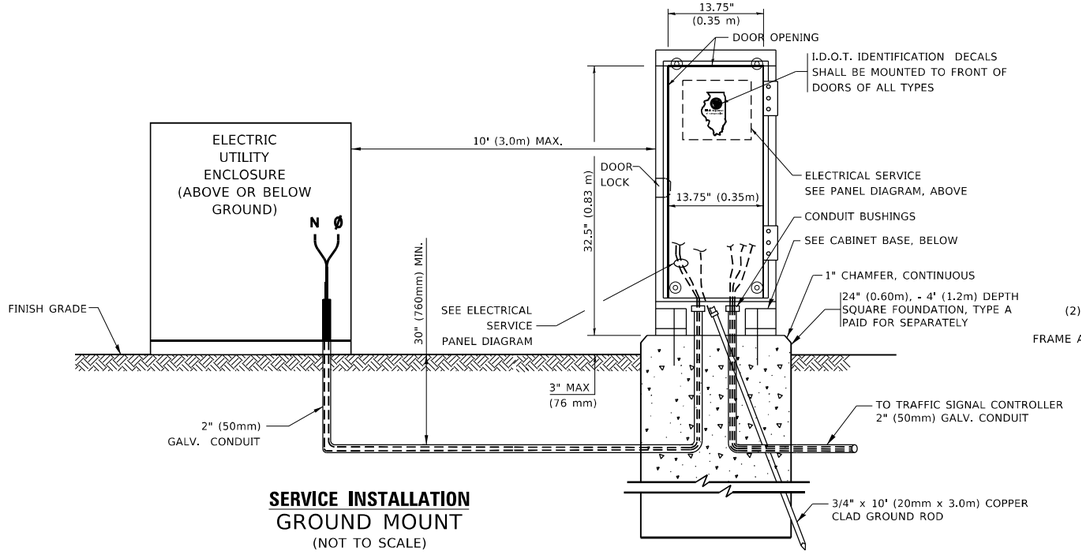
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

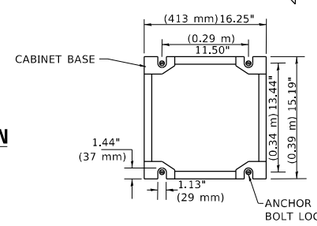
NOTES:

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



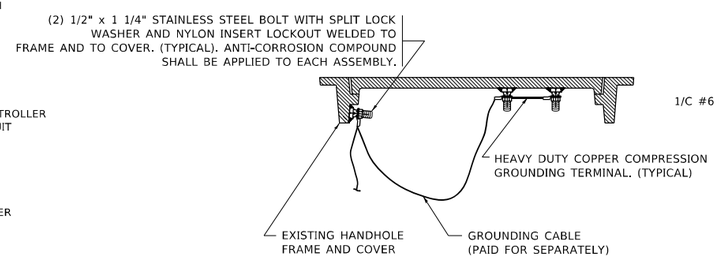
SERVICE INSTALLATION
GROUND MOUNT

(NOT TO SCALE)



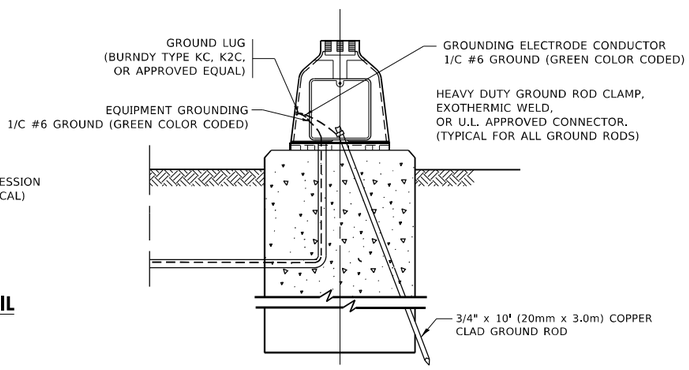
CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
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SCALE: NONE | SHEET 4 OF 7 SHEETS | STA. | TO STA.

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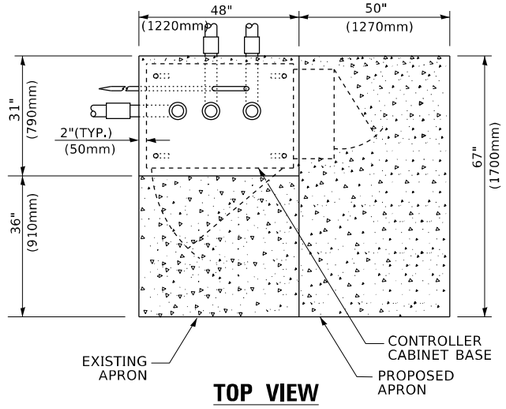
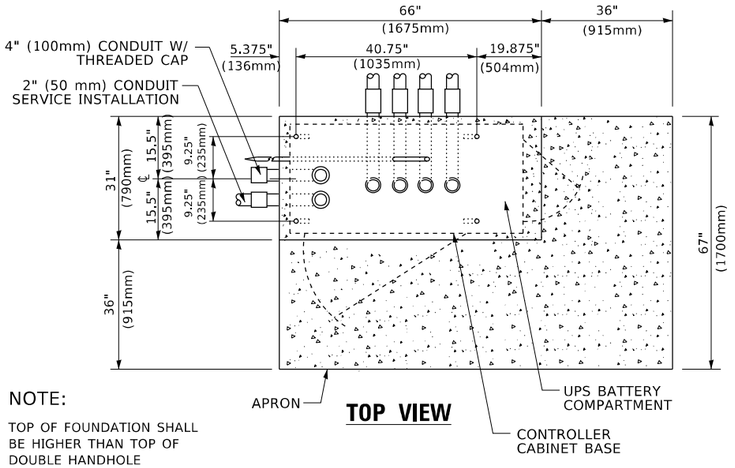


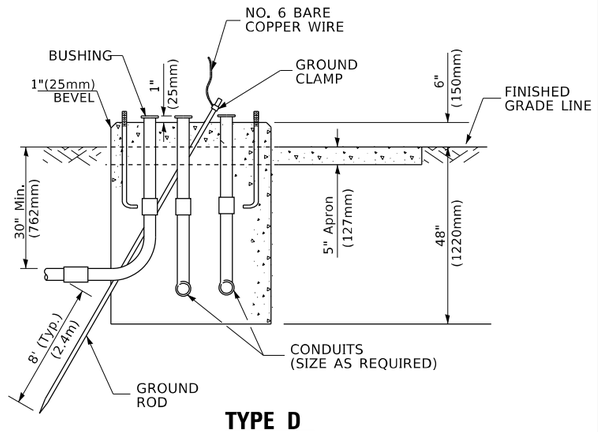
TOP VIEW



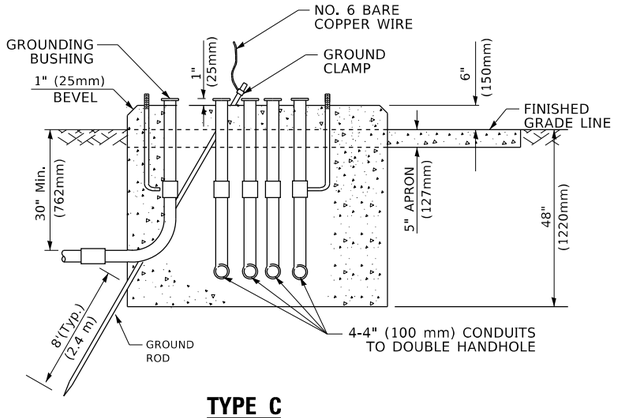
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

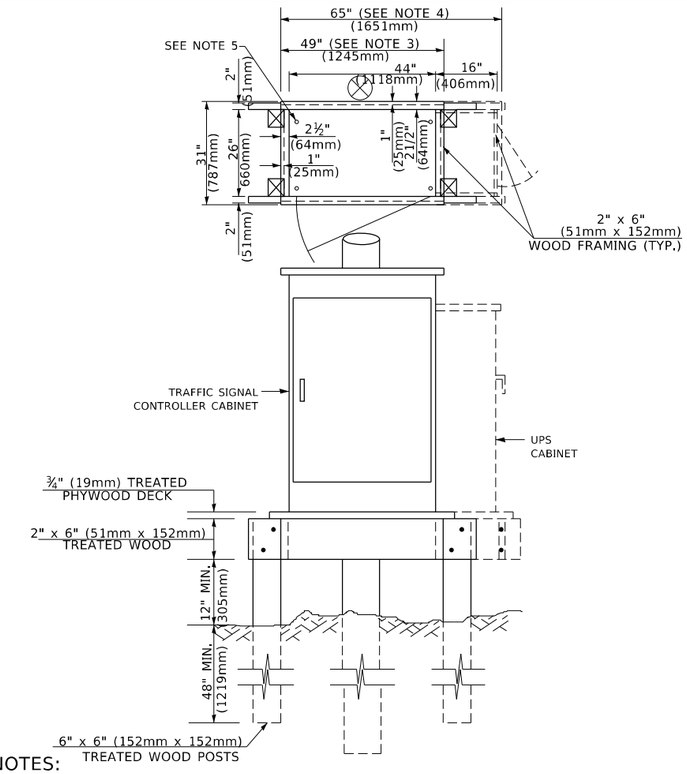
TOP VIEW



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:

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

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (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:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	60
	TS-05	CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			

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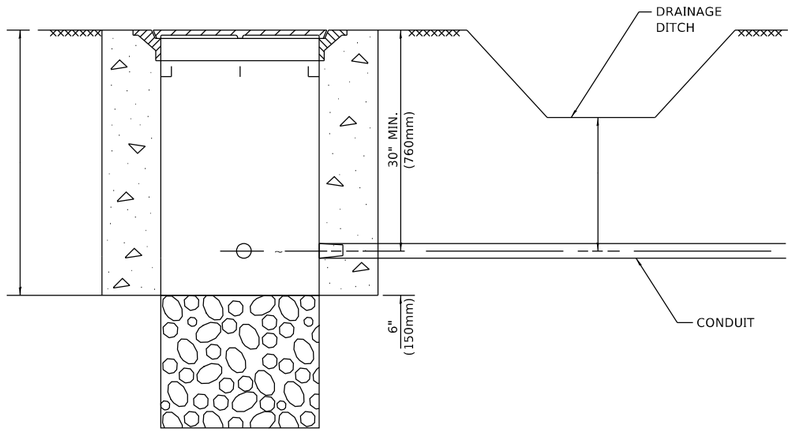

NOTES:

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

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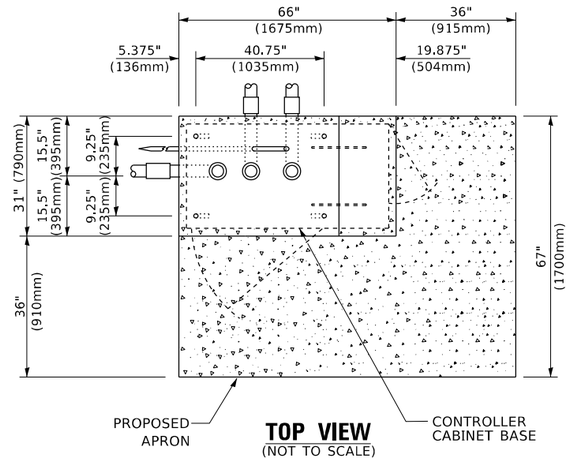

TOP VIEW

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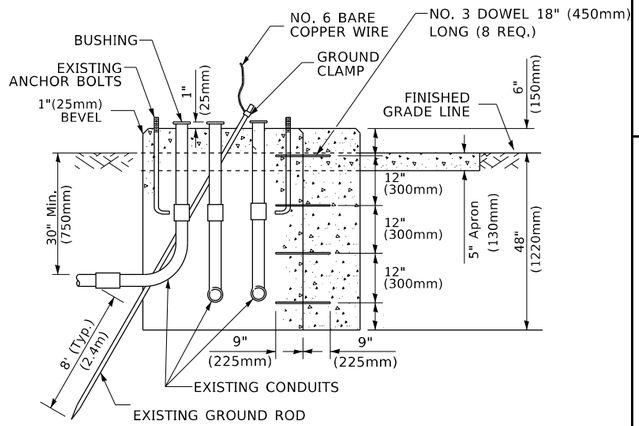

MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

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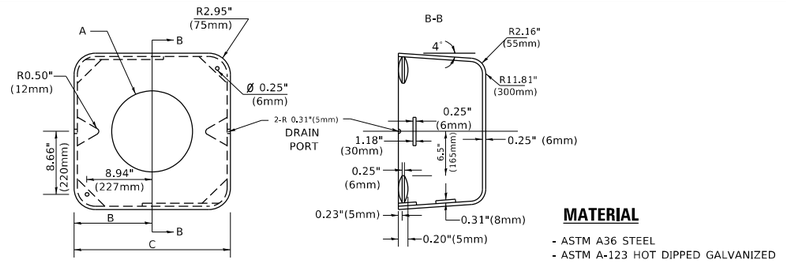


MATERIAL

- 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)

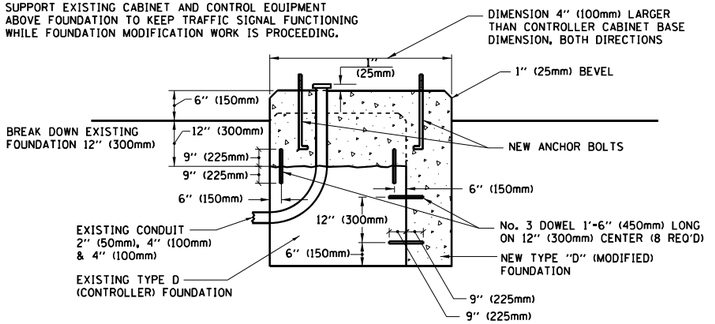
SHROUD

NOTES:

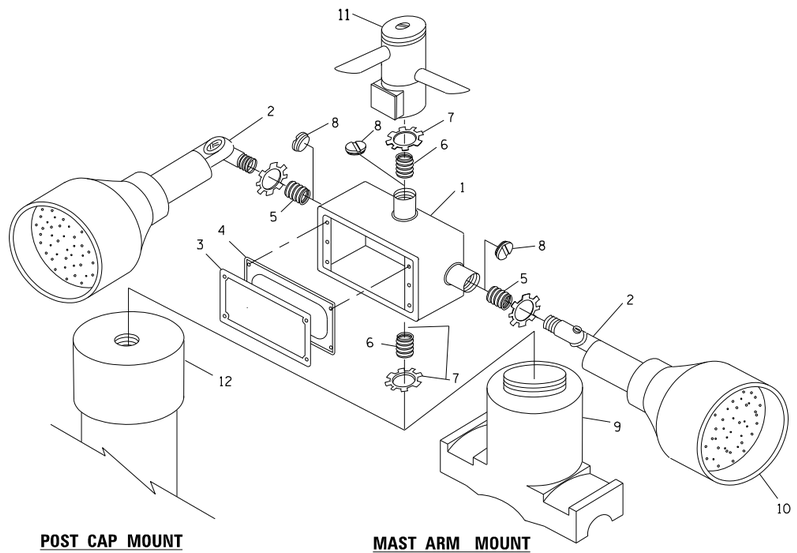
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE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



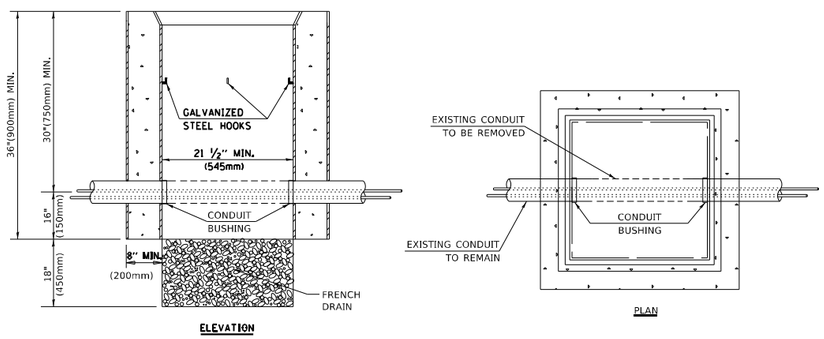
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST 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.

POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



ELEVATION PLAN

NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	61
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	ILLINOIS FED. AID PROJECT			

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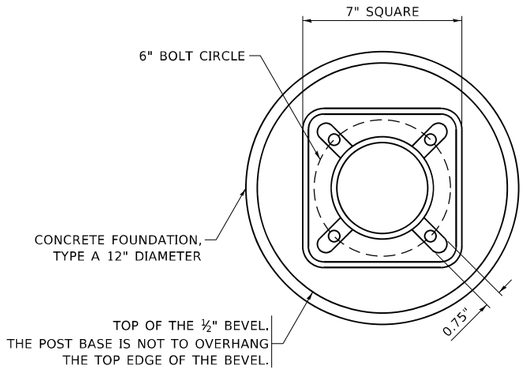
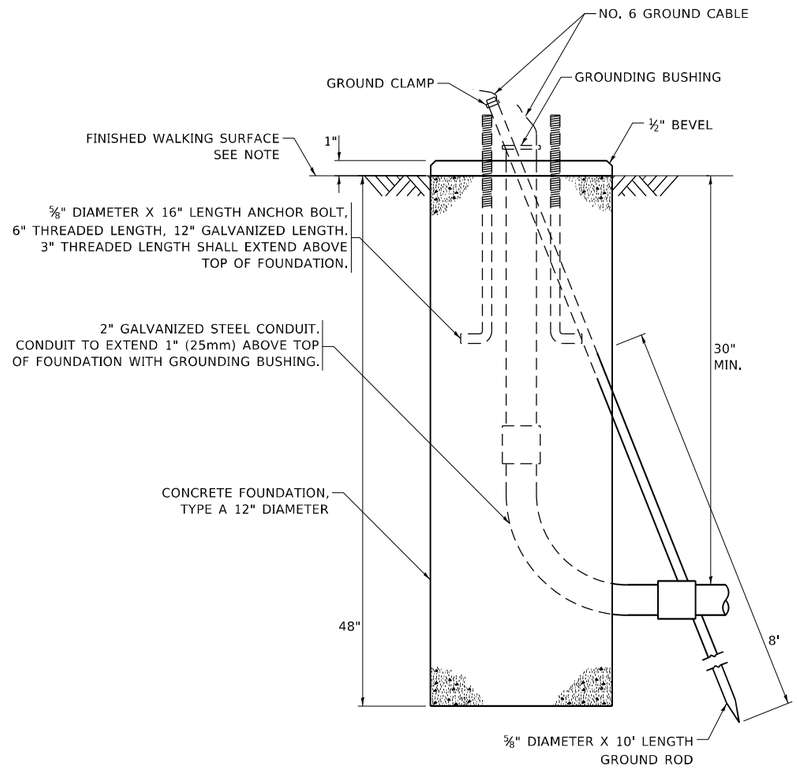


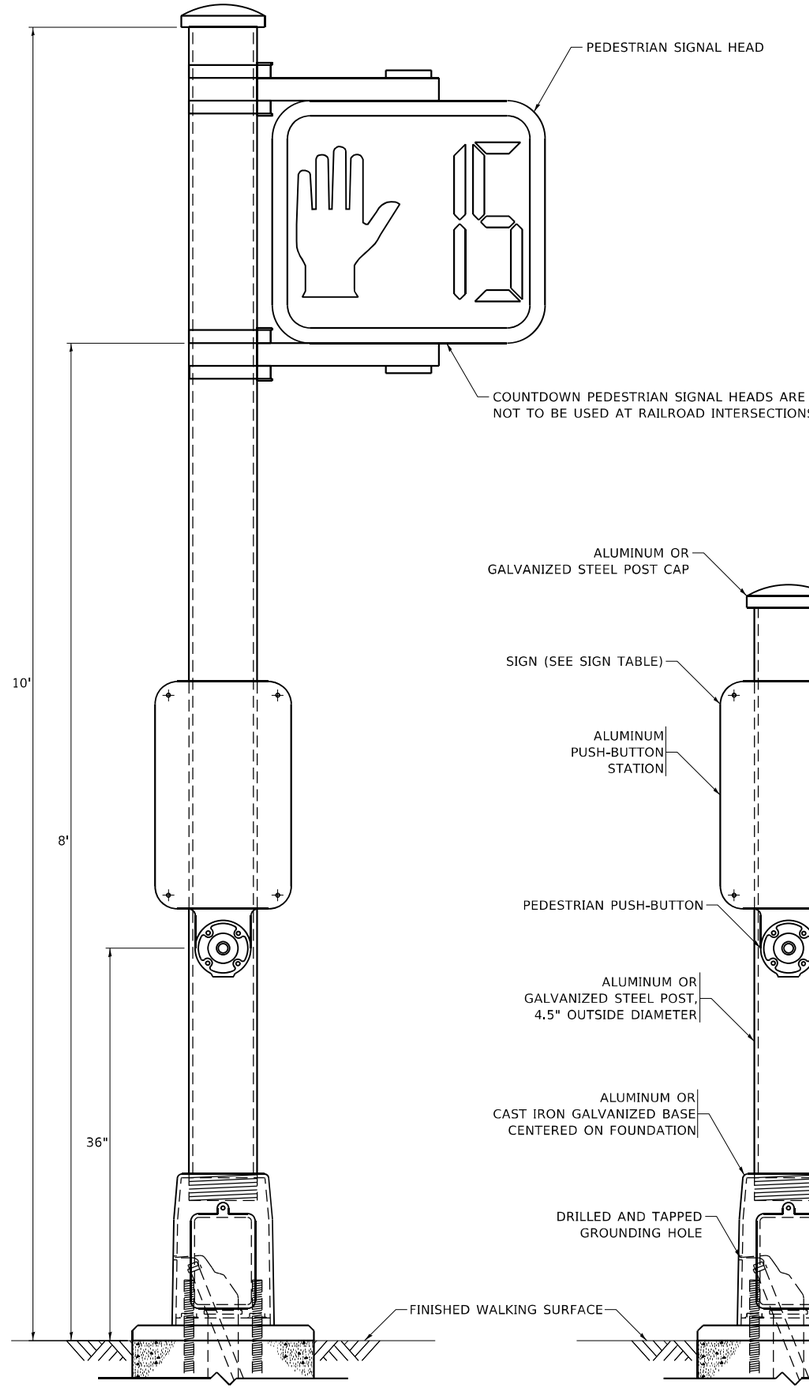
BOLT PATTERN

NOTE:

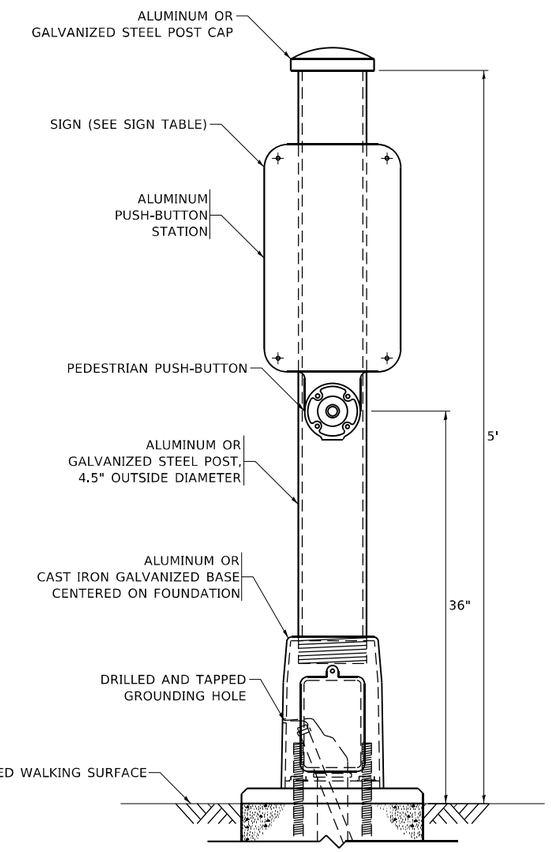
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12–INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



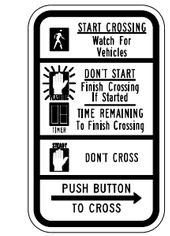
PEDESTRIAN SIGNAL POST, 5 FT.



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.

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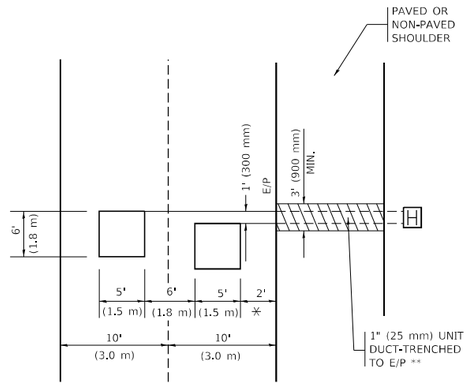
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	62
	TS–05	CONTRACT NO. 61H91		
		ILLINOIS FED. AID PROJECT		

LOOPS NEXT TO SHOULDERS

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



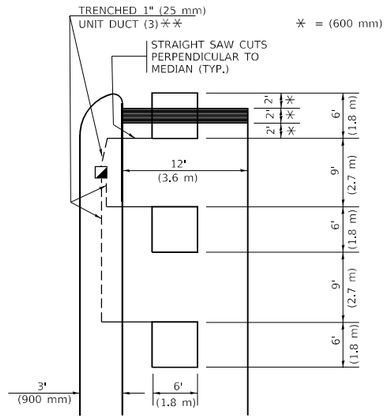
* = (600 mm)

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

LEFT TURN LANES WITH MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



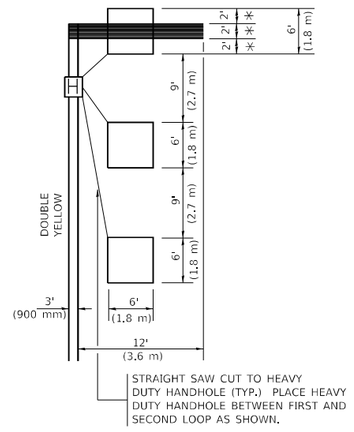
** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

LEFT TURN LANES WITHOUT MEDIANS

VOLUME DENSITY (''FAR OUT'' DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)

* = (600 mm)



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

NOTES:

VEHICLES LOOP DETECTORS

* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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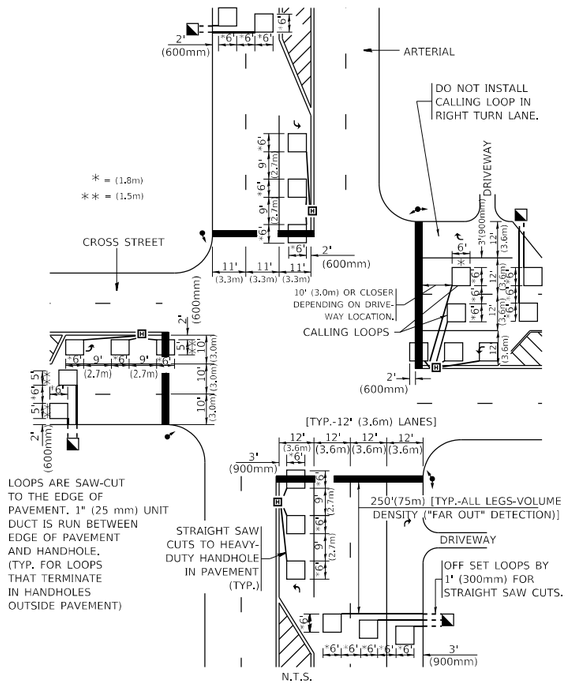
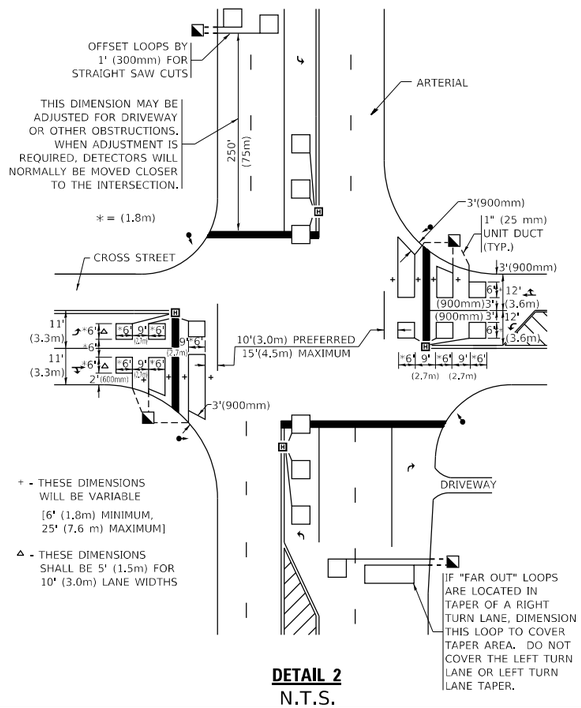
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 – DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	63
	TS–07	CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			

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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.

1	EACH	CONTROLLER AND CABINET (COMPLETE)
4	EACH	STEEL MAST ARM ASSEMBLY AND POST
4	EACH	TRAFFIC SIGNAL POST
9	EACH	3-SECTION SIGNAL HEAD
4	EACH	5-SECTION SIGNAL HEAD
1	EACH	SERVICE INSTALLATION
7	EACH	TRAFFIC SIGNAL BACKPLATE
6	EACH	HANDHOLE
1	EACH	DOUBLE HANDHOLE
9	EACH	CONCRETE FOUNDATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL CONTROLLER:

2	EACH	EMERGENCY VEHICLE LIGHT DETECTOR
1	EACH	EMERGENCY VEHICLE PHASING UNIT

TRAFFIC SIGNAL NOTES

1. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING AT HANDHOLES, JACKING PITS AND INSPECTION OPENINGS SHALL BE SAW CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES, CALL J.U.L.I.E. TOLL FREE NUMBER 1-800-892-0123.
3. ALL SIGNAL POSTS AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) FEET AND SIX (6) FEET RESPECTIVELY FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHALL BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF SHOULDER.
4. THE CONTRACTOR SHALL CONTACT THE CITY OF ELMHURST FOR TRAFFIC SIGNAL CABLE LOCATION, A MINIMUM OF 48 HOURS IN ADVANCE (SATURDAYS, SUNDAYS, AND HOLIDAYS EXCLUDED) AT ANY LOCATION WITHIN THE RIGHT- OF-WAY.
5. LEAD WIRE AND DETECTOR LOOPS SHALL BE SAWCUT 4" DEEP INTO THE PAVEMENT WHERE BITUMINOUS SURFACE COURSE IS NOT A PART OF THE CONTRACT.
6. ALL PRESENCE LOOPS SHALL BE EQUIPPED WITH AN INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT.
7. ALL LUMINAIRE ARMS SHALL BE 15 FEET LONG UNLESS OTHERWISE NOTED.
8. ALL LUMINAIRES SHALL BE MOUNTED AT 40 FOOT HEIGHT UNLESS OTHERWISE NOTED.

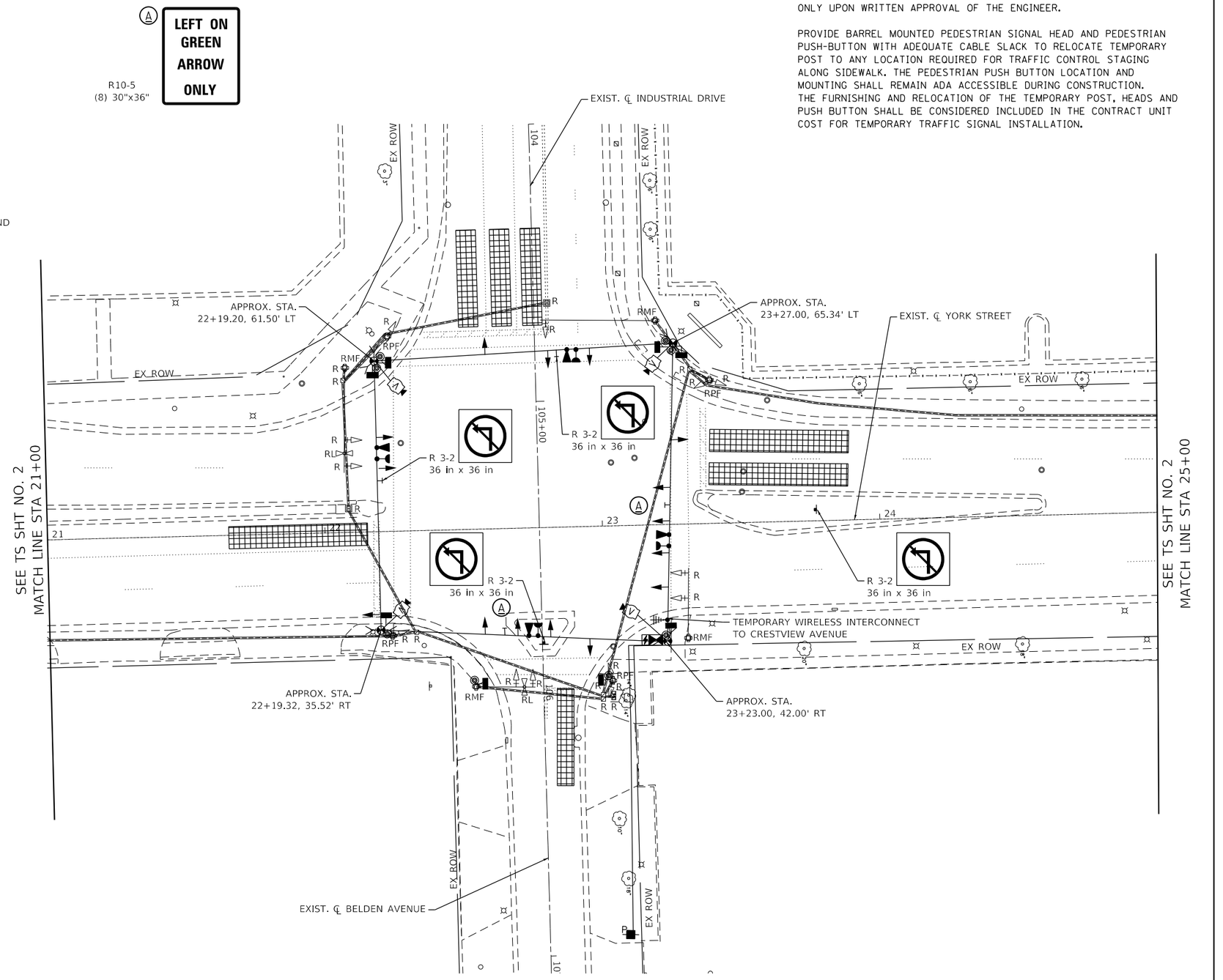
TEMPORARY TRAFFIC SIGNAL NOTES

1. ALL EXISTING EMERGENCY VEHICLE PREEMPTION EQUIPMENT (LIGHT DETECTORS, LIGHT DETECTOR AMPLIFIERS, ETC.) SHALL BE SALVAGED BY THE CONTRACTOR FOR RELOCATION TO THE PERMANENT TRAFFIC SIGNALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING EMERGENCY VEHICLE PREEMPTION EQUIPMENT, AS REQUIRED, ON THE TEMPORARY SIGNALS.
2. ALL WOOD POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF SIX (6) FEET FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE WOOD POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER.
3. ALL CABLE SHALL HAVE STRANDED CONDUCTORS WHERE ANY PORTION OF THE CABLE IS INSTALLED AERIAL SUSPENDED. ALL WIRING TERMINATIONS OF STRANDED CONDUCTORS SHALL BE MADE WITH SOLDERLESS TOOL COMPRESSED TERMINALS.
4. THE RELOCATION AND RAISING OF COMMONWEALTH EDISON COMPANY (COM ED) FACILITIES SHALL BE PERFORMED BY COM ED.
5. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ANY DELAYS OR SIGNAL HEAD RELOCATIONS RESULTING FROM UTILITY RELOCATIONS, CHANGES IN STAGING, OR REMOVAL OF EXISTING TEMPORARY SIGNALS.

CONSTRUCTION NOTES:

CROSSWALKS MUST REMAIN OPEN AND FULLY ACCESSIBLE AT ALL TIMES. SHORT TERM CLOSURES MAY BE ALLOWED ONLY UPON WRITTEN APPROVAL OF THE ENGINEER.

PROVIDE BARREL MOUNTED PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH-BUTTON WITH ADEQUATE CABLE SLACK TO RELOCATE TEMPORARY POST TO ANY LOCATION REQUIRED FOR TRAFFIC CONTROL STAGING ALONG SIDEWALK. THE PEDESTRIAN PUSH BUTTON LOCATION AND MOUNTING SHALL REMAIN ADA ACCESSIBLE DURING CONSTRUCTION. THE FURNISHING AND RELOCATION OF THE TEMPORARY POST, HEADS AND PUSH BUTTON SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.



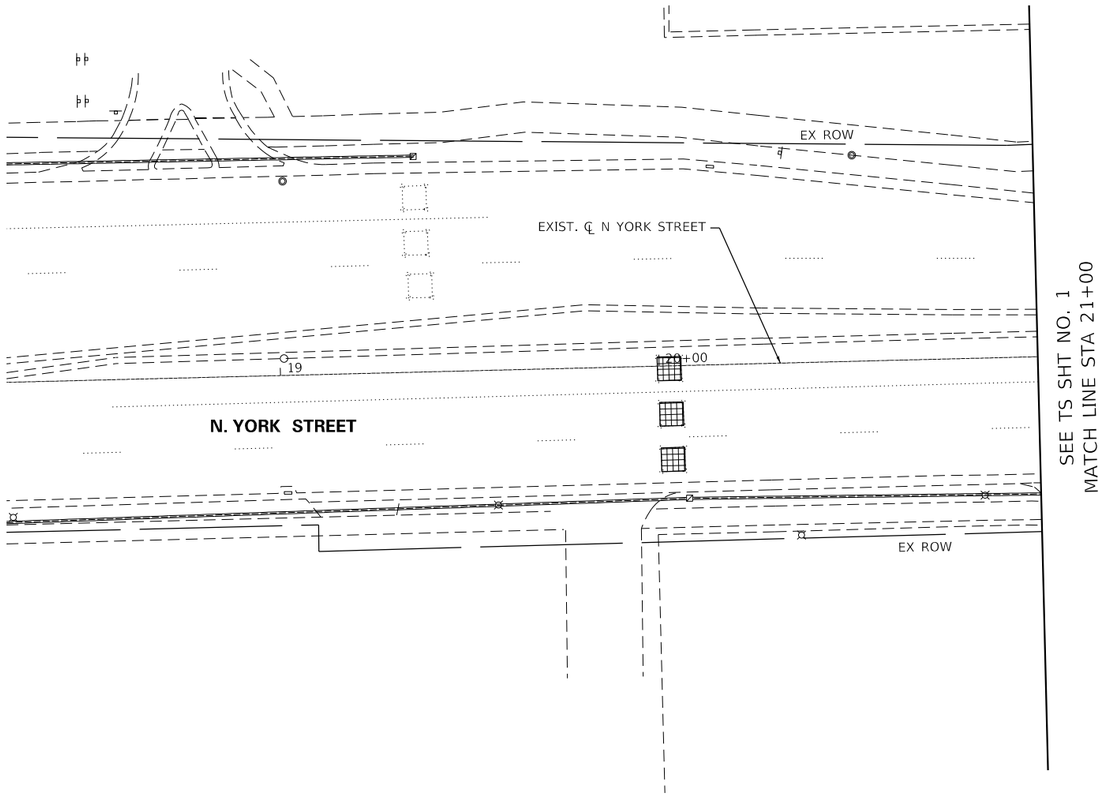
BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -	
		DRAWN - MTC	REVISED -	
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -	
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -	

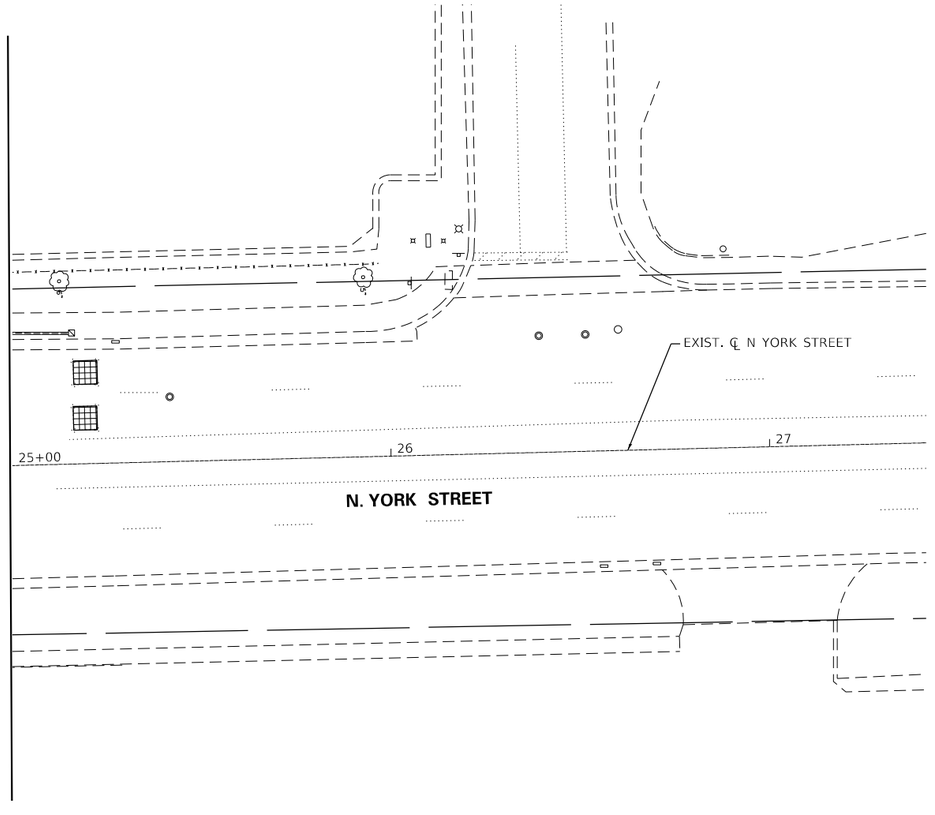
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
N YORK STREET AND BELDEN AVENUE /INDUSTRIAL DRIVE

SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 21+00.00 TO STA. 25+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	64
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		





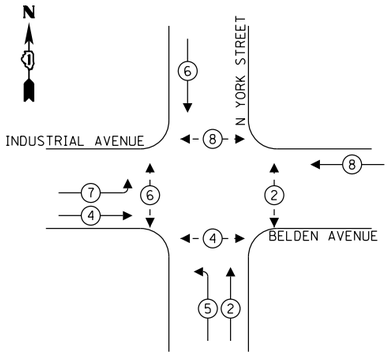
BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - MTC	REVISED -	
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -	
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -	

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
N YORK STREET AND BELDEN AVENUE /INDUSTRIAL DRIVE

SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	65
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		

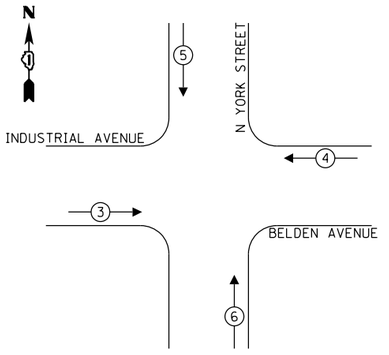
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

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

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



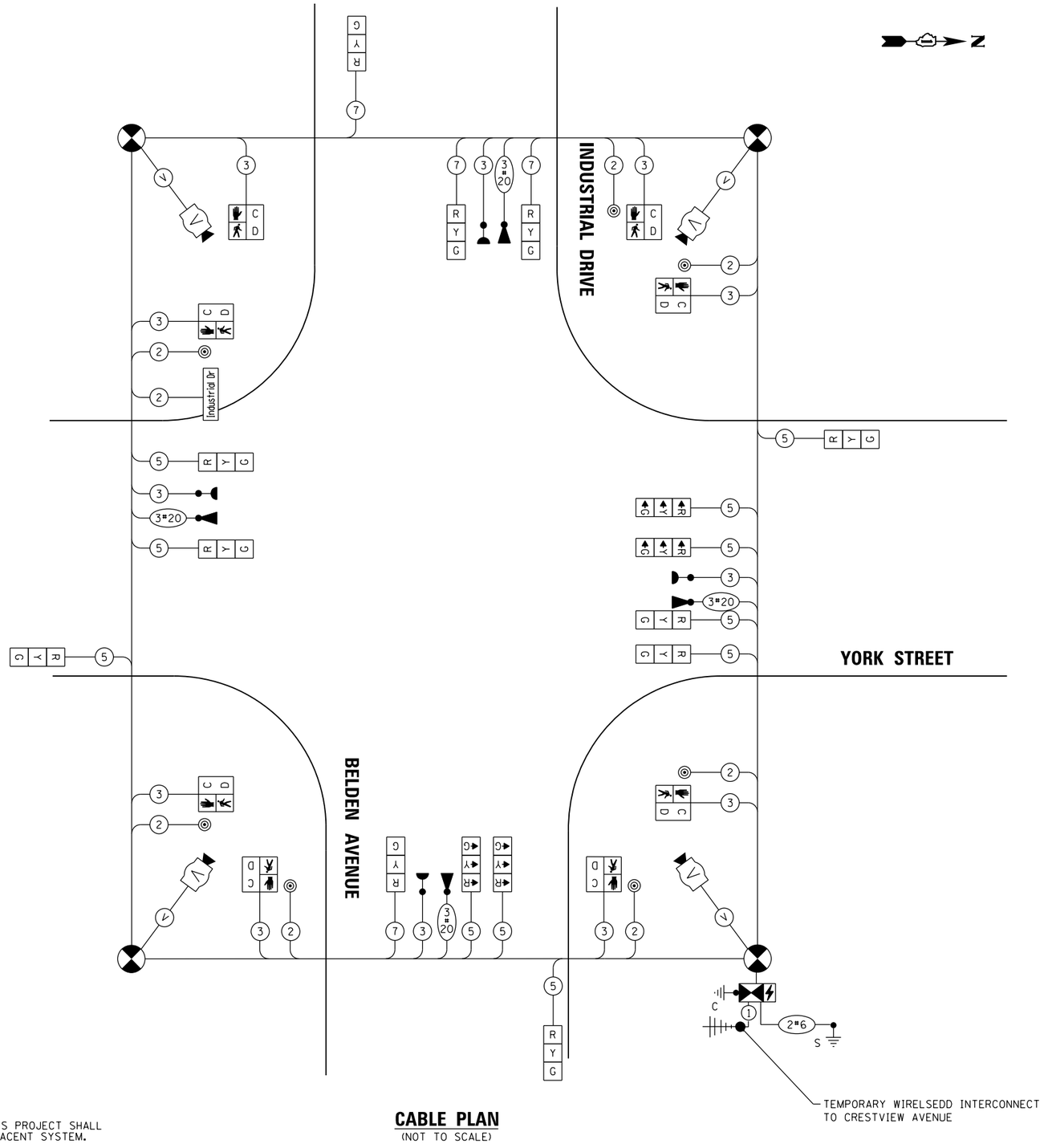
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	19	11	50	104.5
(YELLOW)	19	20	5	19.0
(GREEN)	19	12	45	102.6
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	483.1

ENERGY COSTS TO:

CITY OF ELMHURST
209 N YORK STREET
ELMHURST, ILLINOIS 60126

ENERGY SUPPLY: CONTACT: JOE STACHO
PHONE: (630) 424-5704
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



CABLE PLAN
(NOT TO SCALE)

NOTE:

THE TRAFFIC CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

BLA, Inc.

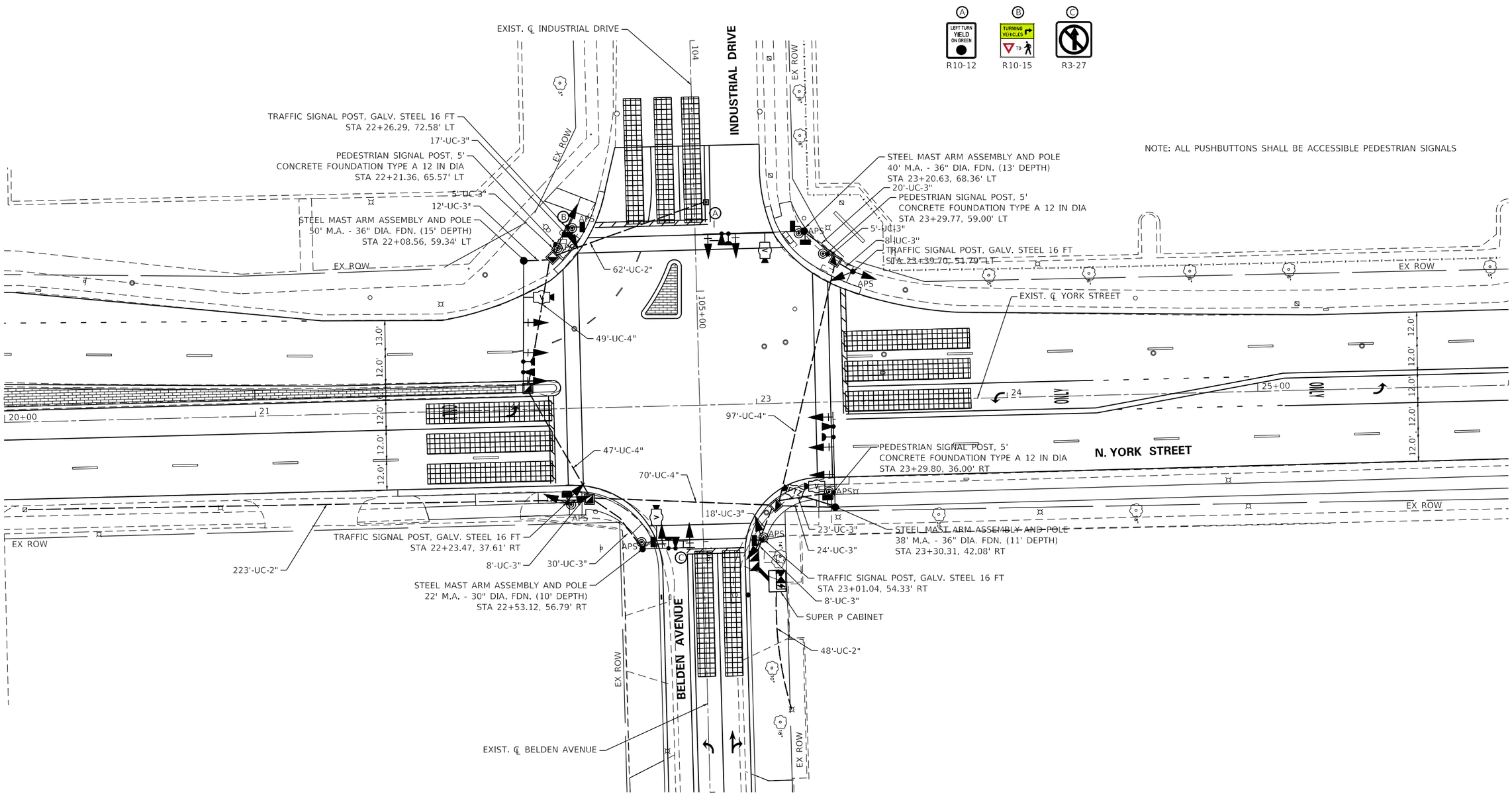
USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMOPRARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SQEQUNCE
YORK STREET AT INDUSTRIAL DRIVE/BELDEN AVENUE

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

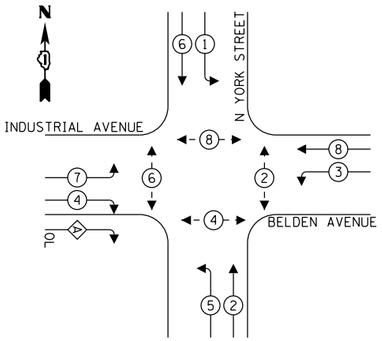
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	66
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	



BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL PLAN YORK STREET AND INDUSTRIAL AVE/BELDEN AVENUE
		DRAWN - MTC	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MTC	REVISED -		
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -		SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 21+00.00 TO STA. 25+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	67
		CONTRACT NO. 61H91		
	ILLINOIS | FED. AID PROJECT			

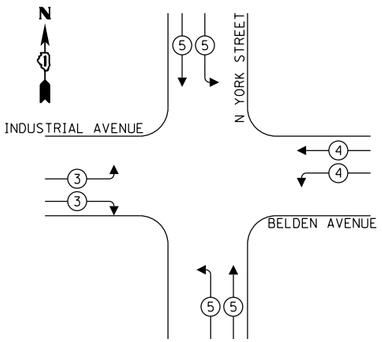
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



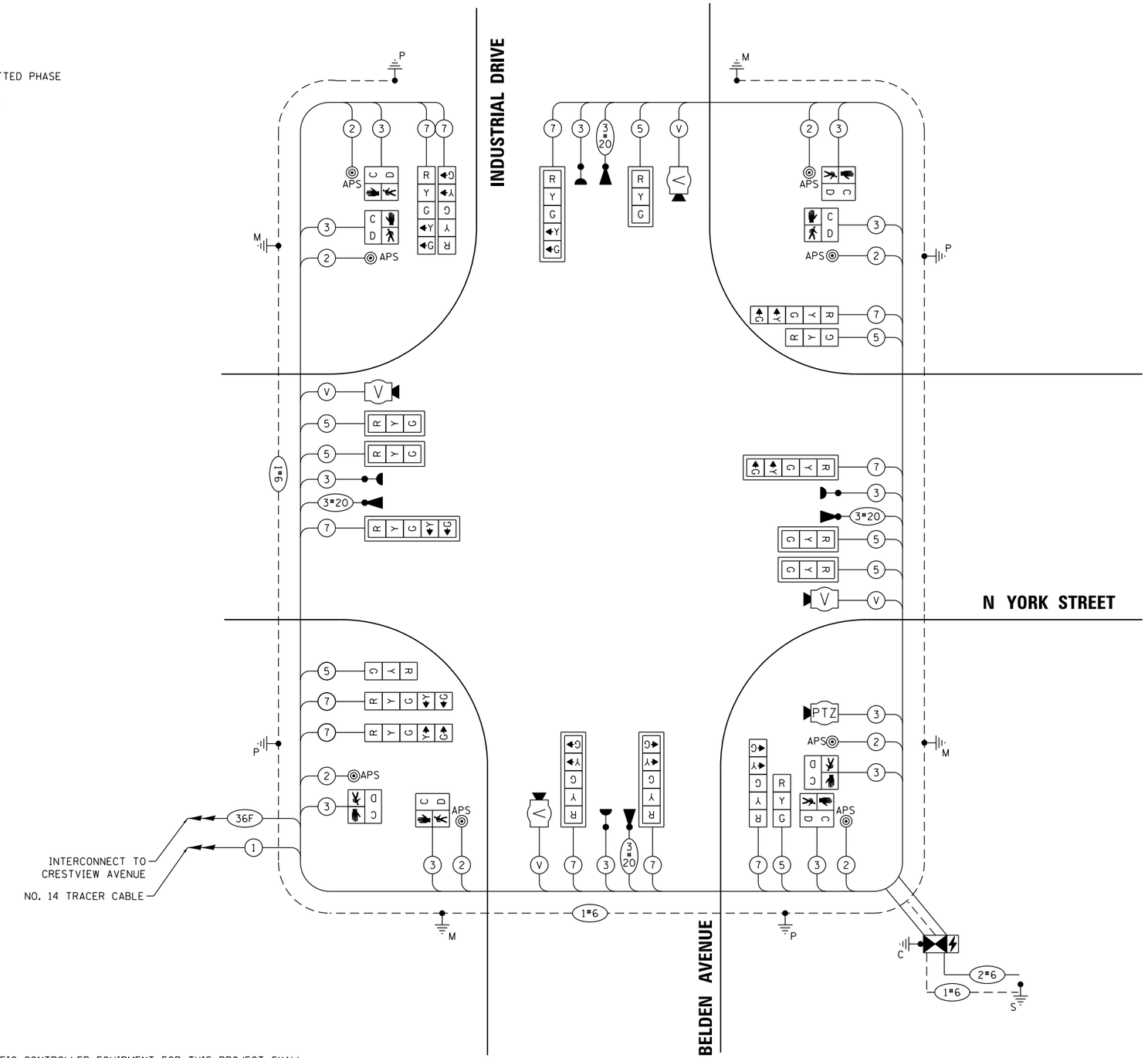
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	19	11	50	104.5
(YELLOW)	19	20	5	19.0
(GREEN)	19	12	45	102.6
PROT. PERM. ARROW	12	10	10	12.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	483.1

ENERGY COSTS TO:

DUPAGE COUNTY
421 N. COUNTY FARM ROAD
WHEATON, ILLINOIS 60187

ENERGY SUPPLY: CONTACT: JOE STACHO
PHONE: (630) 424-5704
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



NOTE:

THE TRAFFIC CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

CABLE PLAN
(NOT TO SCALE)

NOTE: ALL PUSHBUTTONS SHALL BE ACCESSIBLE PEDESTRIAN SIGNALS

BLA, Inc.

USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
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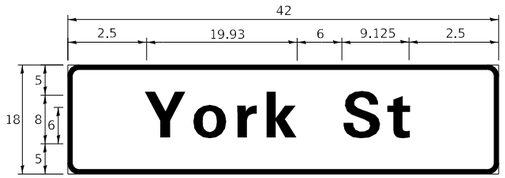
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
N YORK STREET AT INDUSTRIAL DRIVE/BELDEN AVENUE
SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

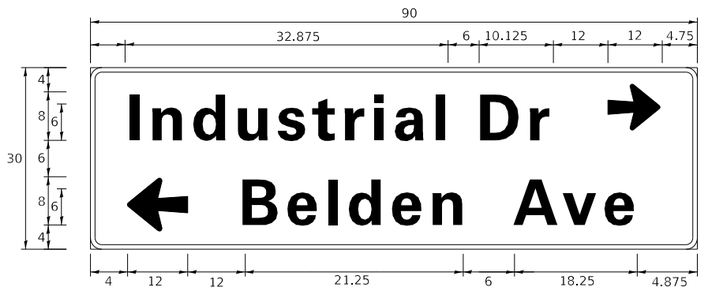
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	68
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	

SIGN PANEL – TYPE 1 OR TYPE 2

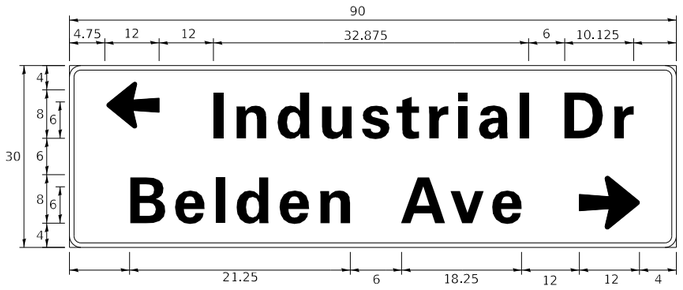
ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	5.25	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	18.75	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	18.75	2	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

Code Number	Item Description	Unit	Quantity
72000100	SIGN PANEL - TYPE 1	SQ FT	10.5
72000200	SIGN PANEL - TYPE 2	SQ FT	37.5
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	285
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	127
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	287
81400100	HANDHOLE	EACH	5
81400200	HEAVY-DUTY HANDHOLE	EACH	1
81400300	DOUBLE HANDHOLE	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	560
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	959
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,191
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,888
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	726
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	50
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	531
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10
88600600	DETECTOR LOOP REPLACEMENT	FOOT	702
88700200	LIGHT DETECTOR	EACH	2
88700300	LIGHT DETECTOR AMPLIFIER	EACH	2
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	6
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	825
X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4
X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0033070	VIDEO VEHICLE DETECTION, 4 CAMERAS	EACH	1
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

BLA, Inc.

USER NAME = cesario	DESIGNED - MTC	REVISED -
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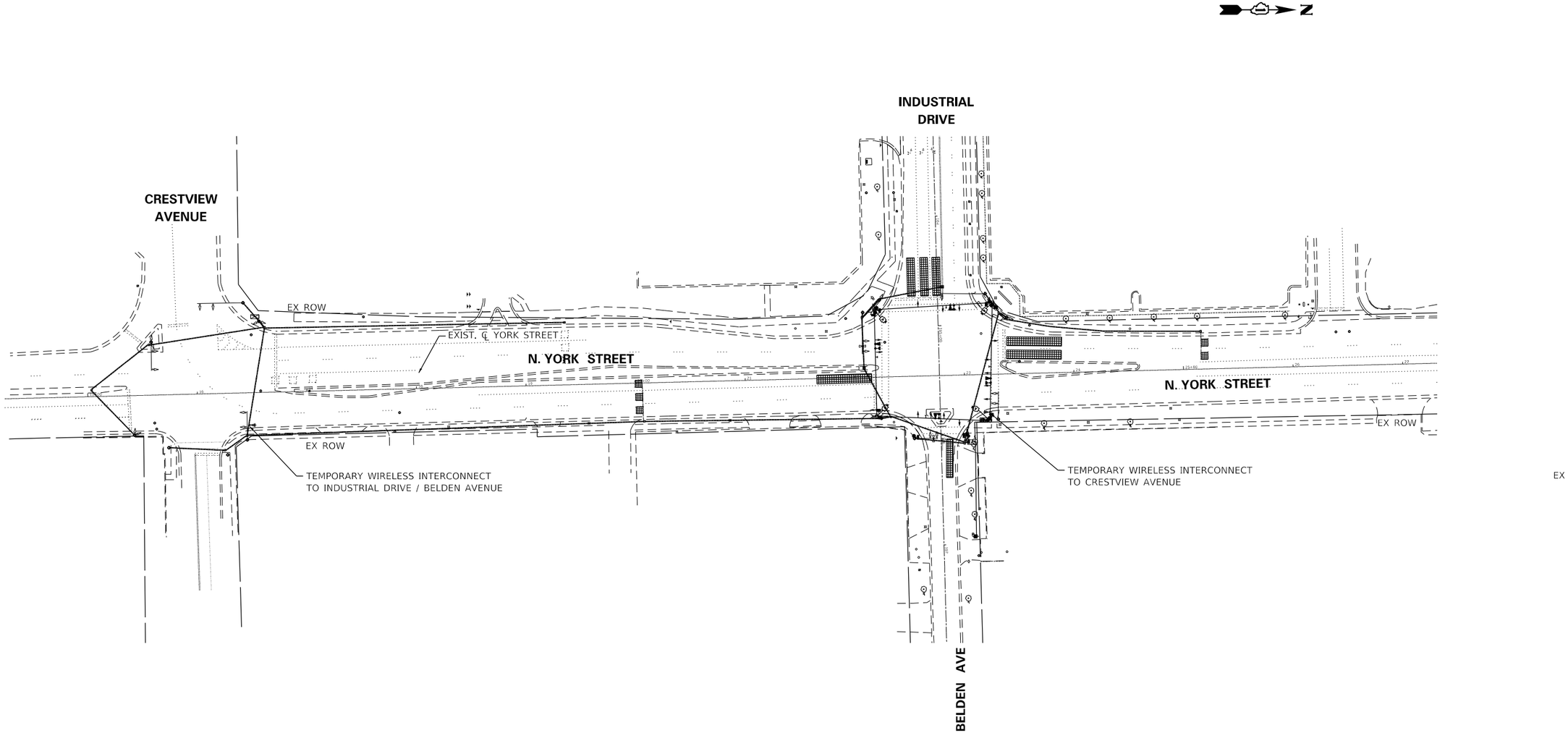
PLOT DATE = 11/22/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
YORK ROAD AND BELDEN AVENUE /INDUSTRIAL DRIVE

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	69
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	



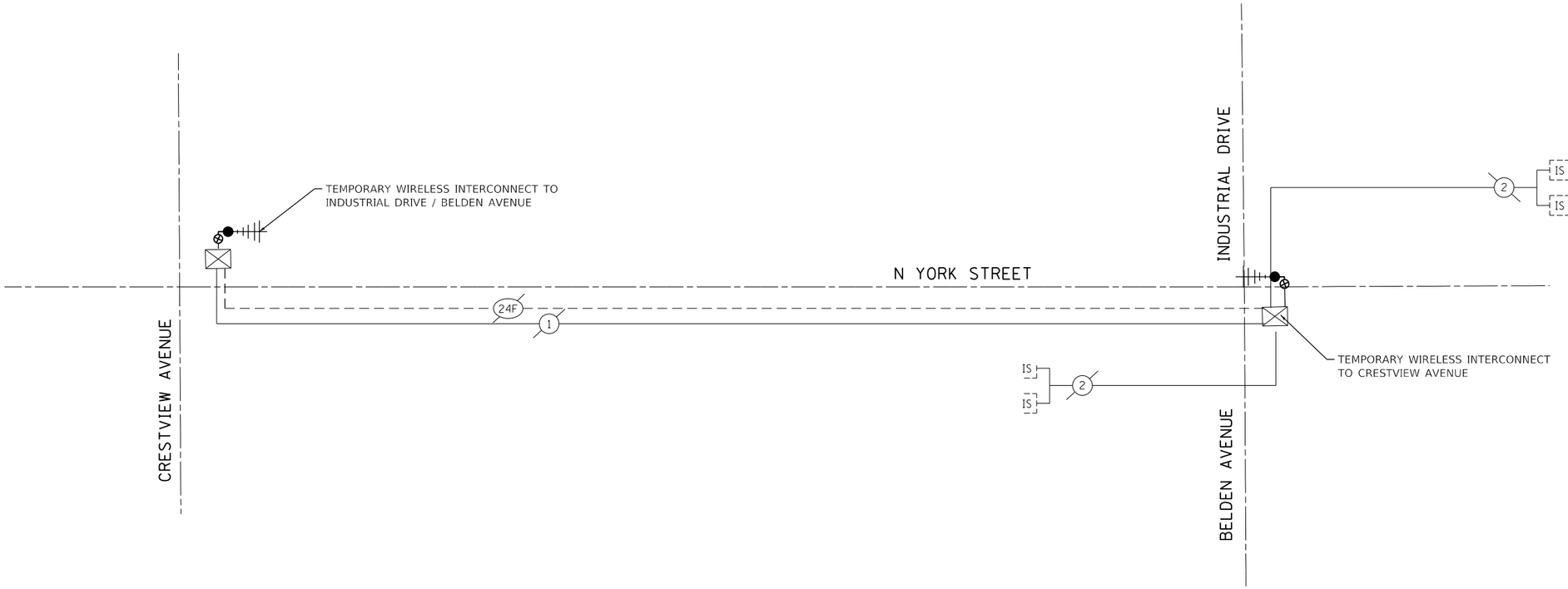
BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -
		DRAWN - MTC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - MTC	REVISED -
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
TEMPORARY INTERCONNECT PLAN

SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. 15+00.00 | TO STA. 27+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	70
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	



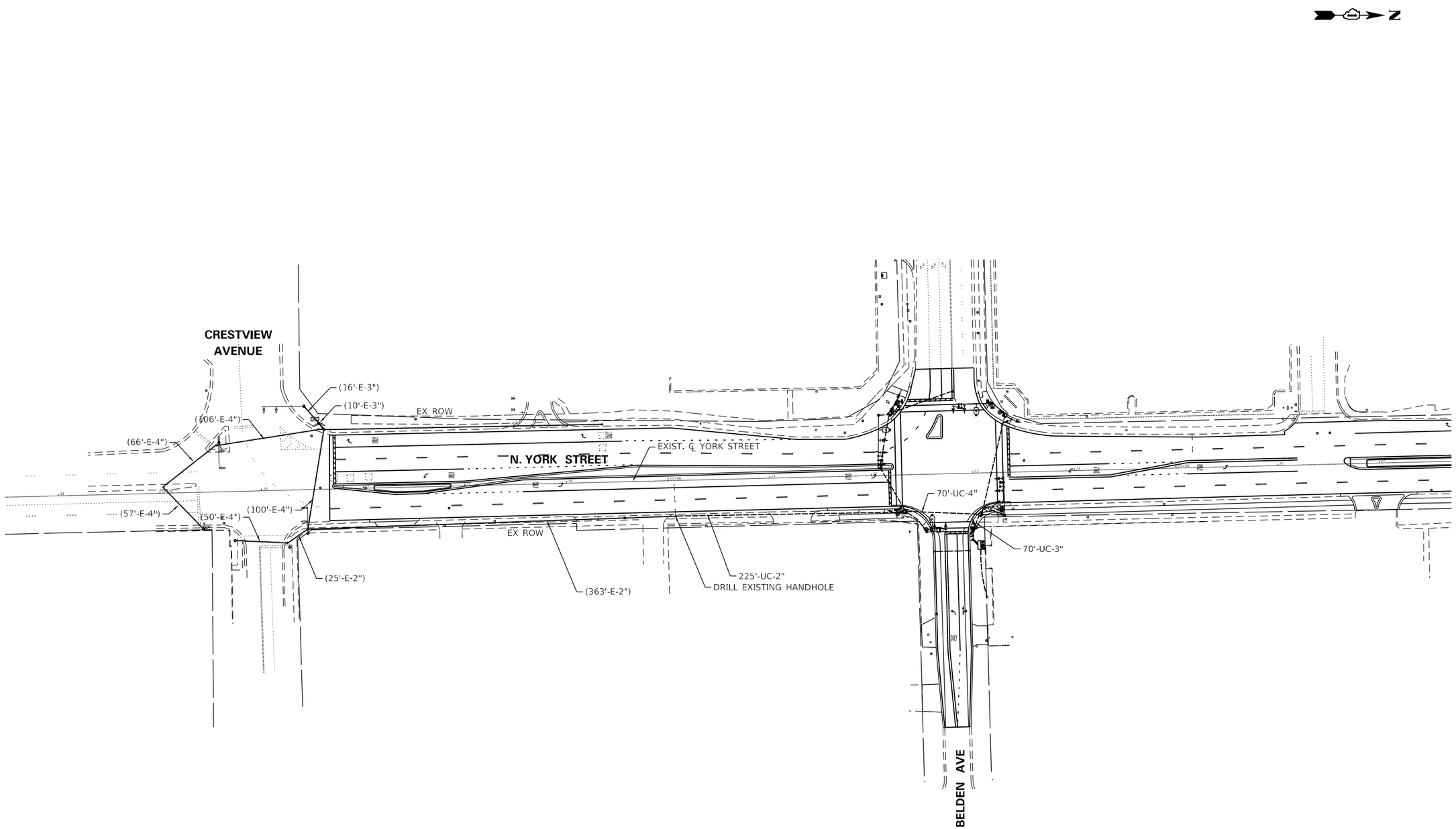
BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -
		DRAWN - MTC	REVISED -
	PLOT SCALE = 400.0000 ' / in.	CHECKED - MTC	REVISED -
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC
N YORK STREET
N YORK STREET/CRESTVIEW AVE TO BELDEN AVE/INDUSTRIAL DR

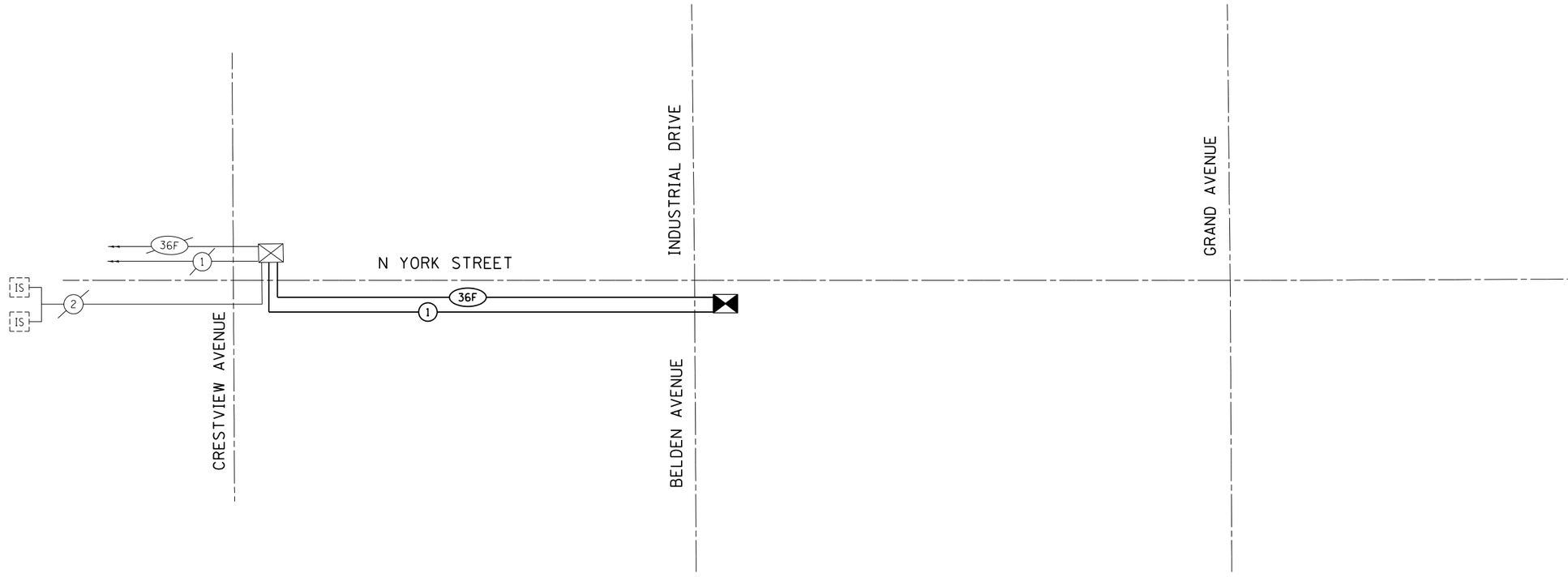
SCALE: N.T.S | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	71
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH YORK STREET – ROADWAY REHABILITATION PROPOSED INTERCONNECT PLAN	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MTC	REVISED -			2678	20-00198-00-RS	DUPAGE	88	72
	PLOT SCALE = 100.0000 ' / in.	CHECKED - MTC	REVISED -					CONTRACT NO. 61H91		
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -		SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 15+00.00 TO STA. 27+00.00			ILLINOIS FED. AID PROJECT		

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	285
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	823
87900200	DRILL EXISTING HANDHOLE	EACH	1
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	465
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	823
Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2



BLA, Inc.

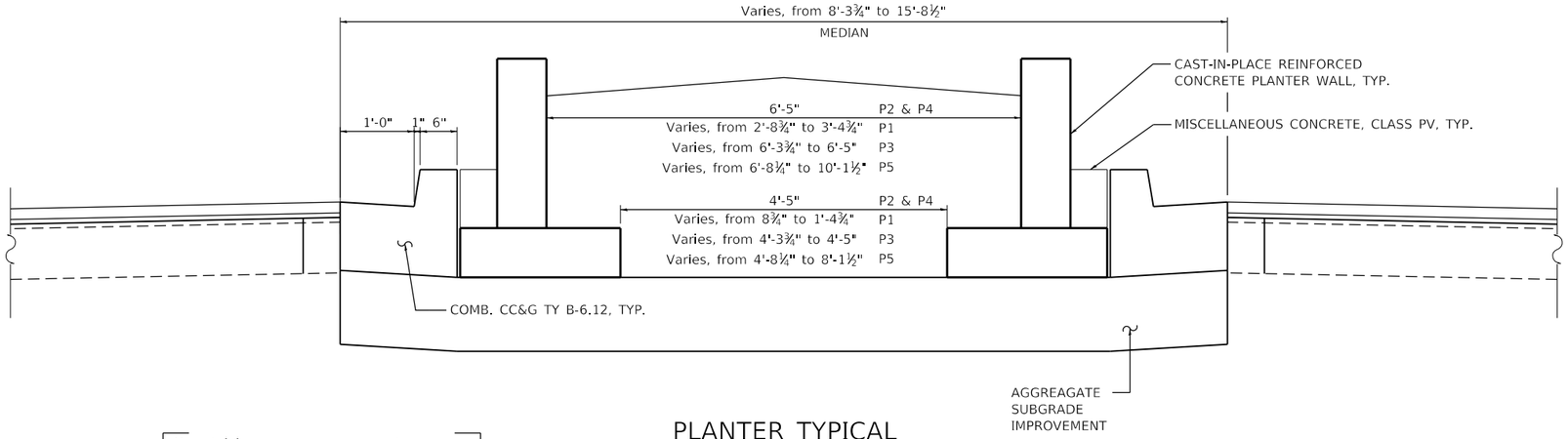
USER NAME = cesario	DESIGNED - MTC	REVISED -	
	DRAWN - MTC	REVISED -	
PLOT SCALE = 400.0000 ' / in.	CHECKED - MTC	REVISED -	
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

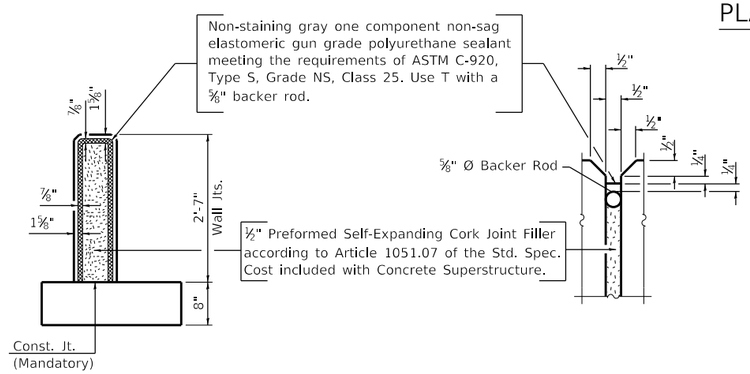
PROPOSED INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES
N YORK STREET
N YORK STREET/CRESTVIEW AVE TO BELDEN AVE/INDUSTRIAL DR

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

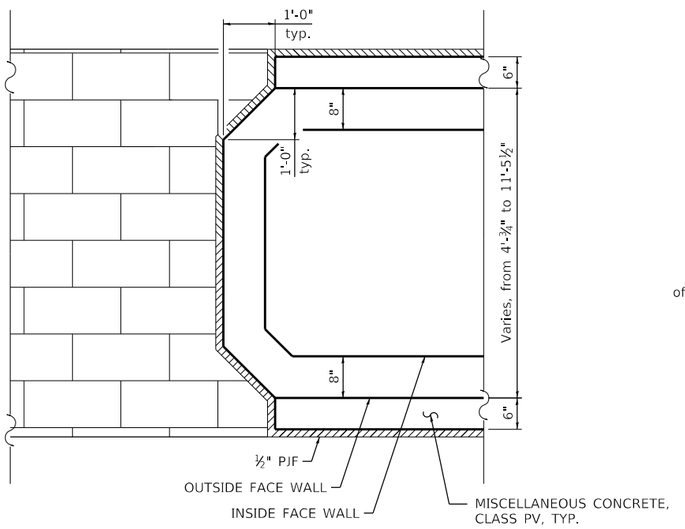
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	73
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



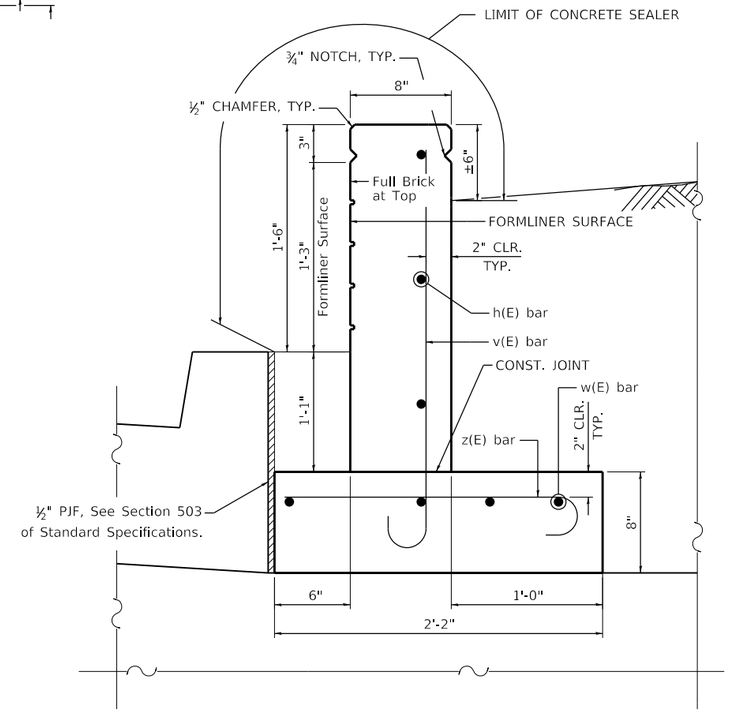
PLANTER TYPICAL SECTION



WALL EXPANSION JOINT DETAILS



PLANTER TYPICAL WALL DETAIL



PLANTER WALL TYPICAL SECTION

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
CONCRETE STRUCTURES	CU YD	144.4
FORM LINER TEXTURED SURFACE	SQ FT	1,549
REINFORCEMENT BARS, EPOXY COATED	POUND	11,210
CONCRETE SEALER	SQ FT	3,919
MISCELLANEOUS CONCRETE	CU YD	23.3

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

Concrete sealer shall be applied to surfaces as shown on the planter wall typical section view, including the outside face of wall, top face of wall, inside face of wall, and top exposed face of miscellaneous concrete.

DESIGN STRESSES

FIELD UNITS

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



FORM LINER TEXTURED DETAIL

Note:

Form liner textured surface is to be used on median planters, as indicated on the plans. Cost of form liner on median planters is paid for as "Form Liner Textured Surface". Work shall comply with Section 503 of the Standard Specifications.

Provide pattern for stone surface utilizing the following specifications:

MAXIMUM RELIEF	1½"
AVERAGE RELIEF	1¼"
LINER THICKNESS	2½"
STONE SIZE	2"x5" - 10"x20"

CONSTRUCTION SEQUENCE

1) Construct curb and gutter.
2) Construct cast-in-place reinforced concrete planter wall.
3) Construct 6" miscellaneous concrete section. See planter typical wall detail.
4) Construct stamped median. See roadway sheets.

BLA, Inc.

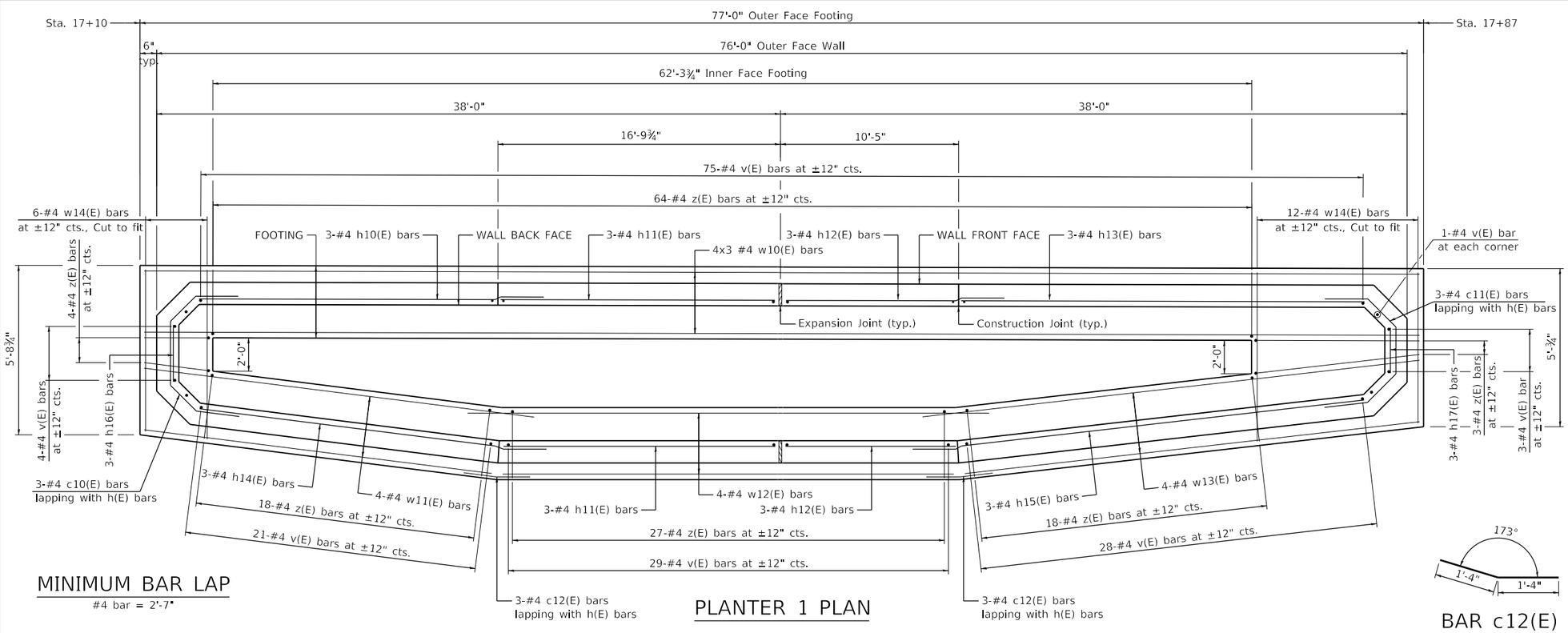
USER NAME = dkierpiec	DESIGNED - KN	REVISED -
	DRAWN - KN	REVISED -
PLOT SCALE =	CHECKED - JJI	REVISED -
PLOT DATE = 9/30/2022	DATE - 06/29/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
MEDIAN PLANTER – GENERAL DATA

SCALE: N.T.S. | SHEET 1 OF 4 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	74
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



PLANTER 1 PLAN

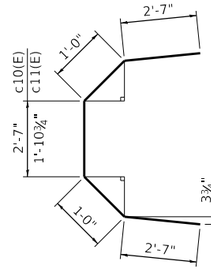
MINIMUM BAR LAP

#4 bar = 2'-7"

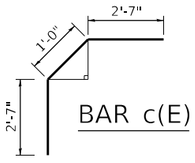
PLANTER 1
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
c10(E)	3	#4	9'-9"	
c11(E)	3	#4	9'-1"	
c12(E)	6	#4	2'-8"	
h10(E)	3	#4	22'-11"	
h11(E)	6	#4	16'-5"	
h12(E)	6	#4	12'-8"	
h13(E)	3	#4	26'-5"	
h14(E)	3	#4	22'-8"	
h15(E)	3	#4	29'-2"	
h16(E)	3	#4	2'-3"	
h17(E)	3	#4	1'-7"	
v(E)	164	#4	3'-5"	
w10(E)	12	#4	27'-4"	
w11(E)	4	#4	21'-4"	
w12(E)	4	#4	27'-2"	
w13(E)	4	#4	27'-9"	
w14(E)	18	#4	6'-0"	
z(E)	134	#4	2'-4"	
REINFORCEMENT BARS, EPOXY COATED		LB	1,460	
CONCRETE STRUCTURES		CU YD	18.9	
FORM LINER TEXTURED SURFACE		SQ FT	200	
CONCRETE SEALER		SQ FT	505	
MISCELLANEOUS CONCRETE		CU YD	3.0	

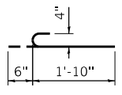
BAR c12(E)



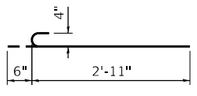
BAR c10(E) and c11(E)



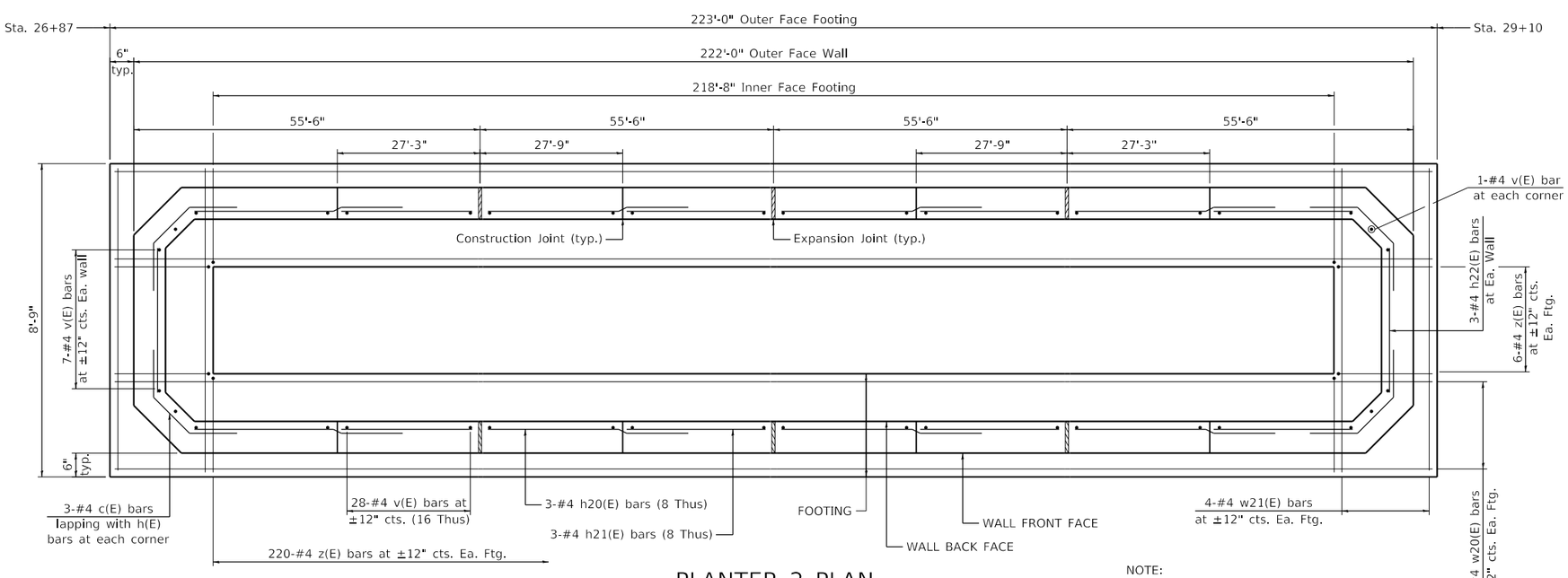
BAR c(E)



BAR z(E)



BAR v(E)



PLANTER 2 PLAN

NOTE:
BARS INDICATED THUS 2X5-#4 ETC. INDICATES 2 LINES OF BARS WITH 5 LENGTHS PER LINE.

PLANTER 2
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
c(E)	12	#4	6'-2"	
h20(E)	24	#4	30'-4"	
h21(E)	24	#4	26'-11"	
h22(E)	6	#4	5'-3"	
v(E)	466	#4	3'-5"	
w20(E)	72	#4	27'-1"	
w21(E)	8	#4	8'-5"	
z(E)	452	#4	2'-4"	
REINFORCEMENT BARS, EPOXY COATED		LB	4,110	
CONCRETE STRUCTURES		CU YD	53.4	
FORM LINER TEXTURED SURFACE		SQ FT	572	
CONCRETE SEALER		SQ FT	1,449	
MISCELLANEOUS CONCRETE		CU YD	8.9	

BLA, Inc.

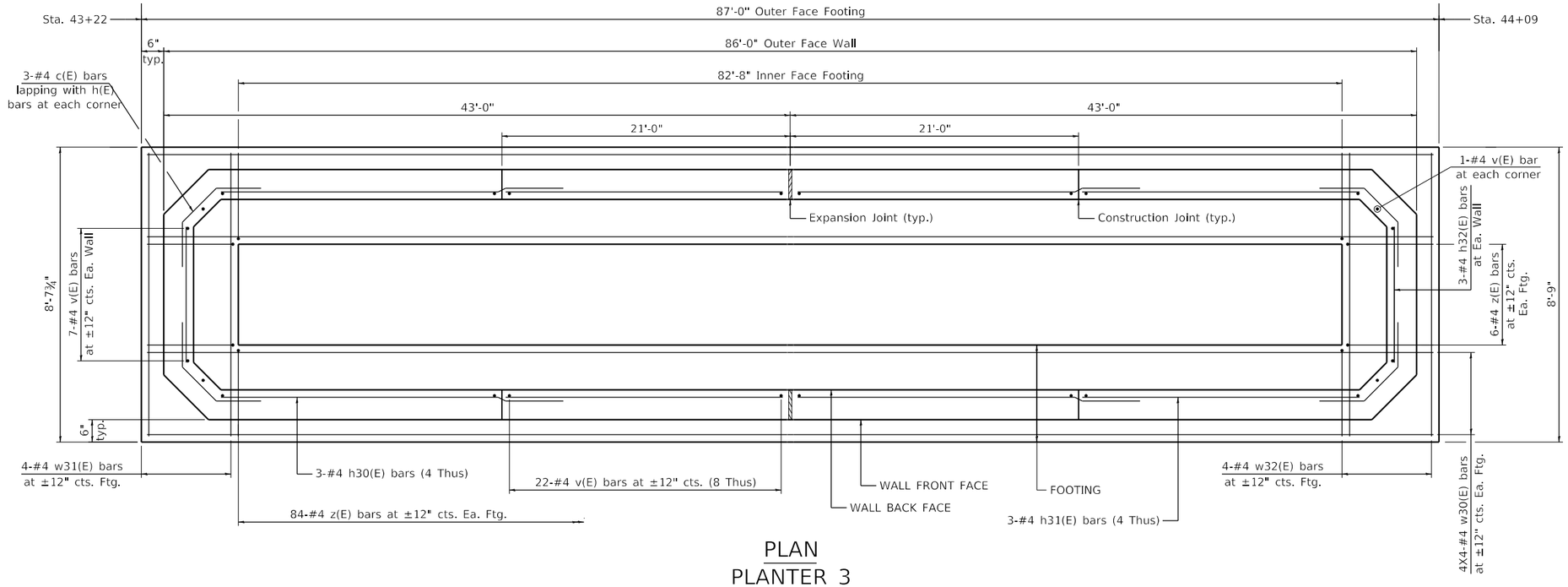
USER NAME = dkierpiec	DESIGNED - KN	REVISED -
	DRAWN - KN	REVISED -
PLOT SCALE =	CHECKED - JJI	REVISED -
PLOT DATE = 9/30/2022	DATE - 06/29/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
MEDIAN PLANTER – PLANTER 1–2

SCALE: N.T.S. | SHEET 2 OF 4 SHEETS | STA. N/A | TO STA. N/A

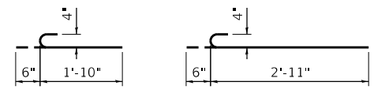
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	75
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



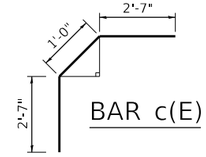
PLAN
PLANTER 3

PLANTER 3
BILL OF MATERIAL

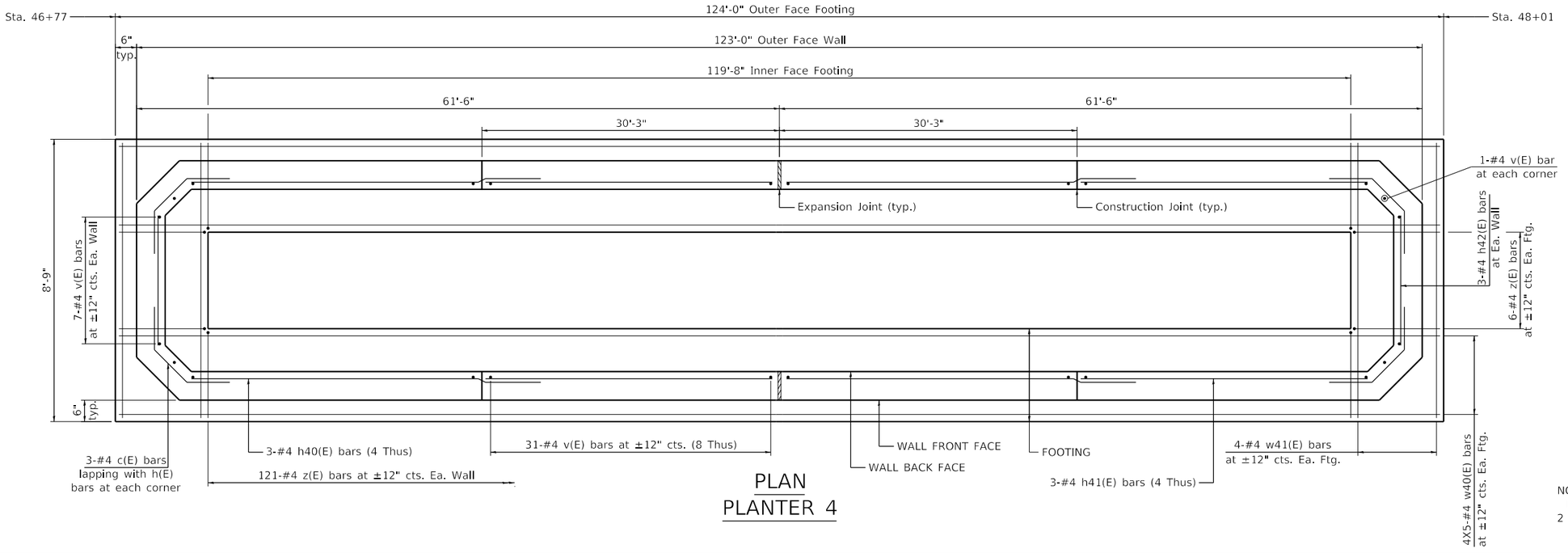
BAR	NO.	SIZE	LENGTH	SHAPE
c(E)	12	#4	6'-2"	
h30(E)	12	#4	23'-7"	
h31(E)	12	#4	20'-6"	
h32(E)	6	#4	5'-3"	
v(E)	194	#4	3'-5"	
w30(E)	32	#4	23'-8"	
w31(E)	4	#4	8'-4"	
w32(E)	4	#4	8'-5"	
z(E)	180	#4	2'-4"	
REINFORCEMENT BARS, EPOXY COATED		LB	1,700	
CONCRETE STRUCTURES		CU YD	21.5	
FORM LINER TEXTURED SURFACE		SQ FT	232	
CONCRETE SEALER		SQ FT	587	
MISCELLANEOUS CONCRETE		CU YD	3.4	



BAR z(E) BAR v(E)



BAR c(E)



PLAN
PLANTER 4

PLANTER 4
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
c(E)	12	#4	6'-2"	
h40(E)	12	#4	32'-10"	
h41(E)	12	#4	29'-9"	
h42(E)	6	#4	5'-3"	
v(E)	266	#4	3'-5"	
w40(E)	40	#4	26'-10"	
w41(E)	8	#4	8'-5"	
z(E)	254	#4	2'-4"	
REINFORCEMENT BARS, EPOXY COATED		LB	2,340	
CONCRETE STRUCTURES		CU YD	30.2	
FORM LINER TEXTURED SURFACE		SQ FT	325	
CONCRETE SEALER		SQ FT	822	
MISCELLANEOUS CONCRETE		CU YD	4.9	

MINIMUM BAR LAP

#4 bar = 2'-7"

NOTE:
BARS INDICATED THUS 2X5-#4 ETC. INDICATES 2 LINES OF BARS WITH 5 LENGTHS PER LINE.

BLA, Inc.

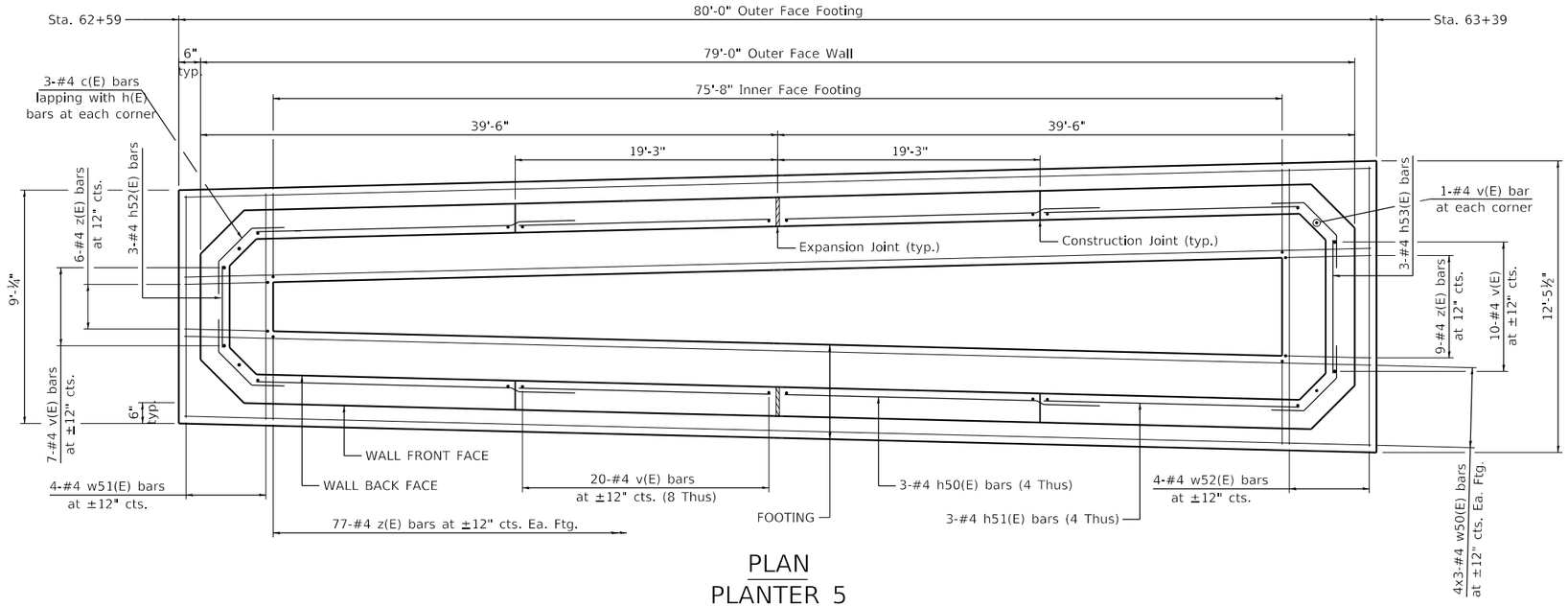
USER NAME = dkierpiec	DESIGNED - KN	REVISED -
	DRAWN - KN	REVISED -
PLOT SCALE =	CHECKED - JJI	REVISED -
PLOT DATE = 9/30/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
MEDIAN PLANTER – PLANTER 3–4

SCALE: N.T.S. | SHEET 3 OF 4 SHEETS | STA. N/A | TO STA. N/A

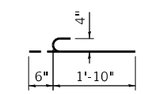
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	76
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	



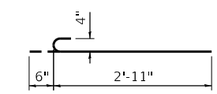
PLAN
PLANTER 5

PLANTER 5
BILL OF MATERIAL

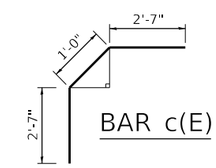
BAR	NO.	SIZE	LENGTH	SHAPE
c(E)	12	#4	6'-2"	
h50(E)	12	#4	21'-10"	
h51(E)	12	#4	18'-9"	
h52(E)	3	#4	5'-8"	
h53(E)	3	#4	8'-11"	
v(E)	181	#4	3'-5"	
w50(E)	24	#4	28'-4"	
w51(E)	4	#4	8'-9"	
w52(E)	4	#4	12'-1"	
z(E)	169	#4	2'-4"	
REINFORCEMENT BARS, EPOXY COATED			LB	1,600
CONCRETE STRUCTURES			CU YD	20.4
FORM LINER TEXTURED SURFACE			SQ FT	220
CONCRETE SEALER			SQ FT	556
MISCELLANEOUS CONCRETE			CU YD	3.1



BAR z(E)



BAR v(E)



BAR c(E)

MINIMUM BAR LAP
#4 bar = 2'-7"

NOTE:
BARS INDICATED THUS 2X5-#4 ETC. INDICATES 2 LINES OF BARS WITH 5 LENGTHS PER LINE.

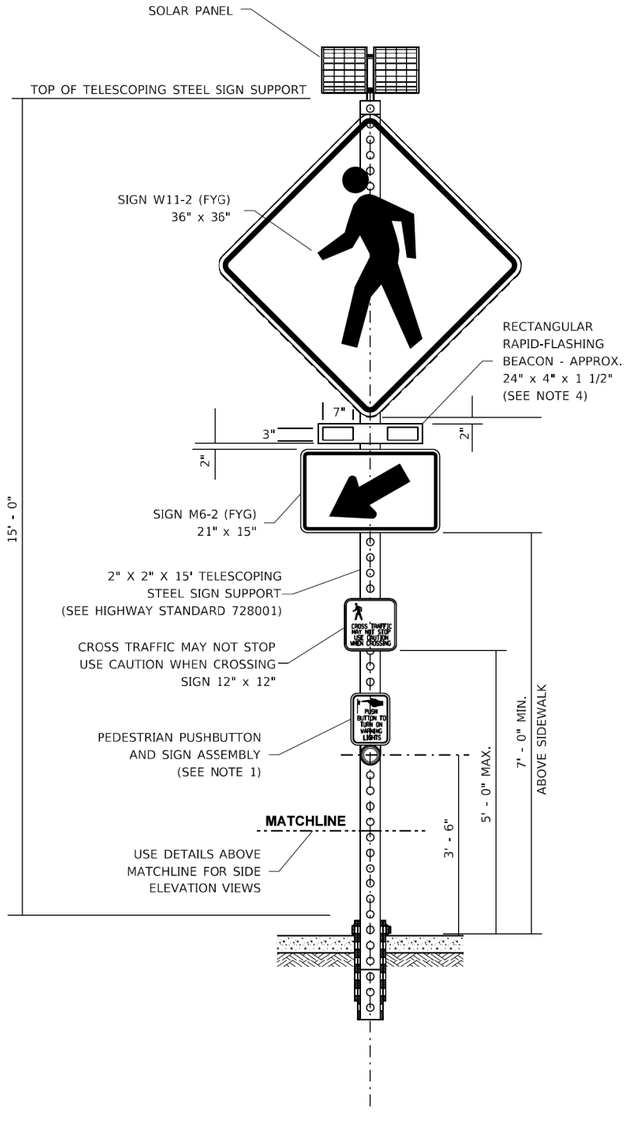
BLA, Inc.	USER NAME = dkierpiec	DESIGNED - KN	REVISED -
		DRAWN - KN	REVISED -
	PLOT SCALE =	CHECKED - JJI	REVISED -
	PLOT DATE = 9/30/2022	DATE - 07/01/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

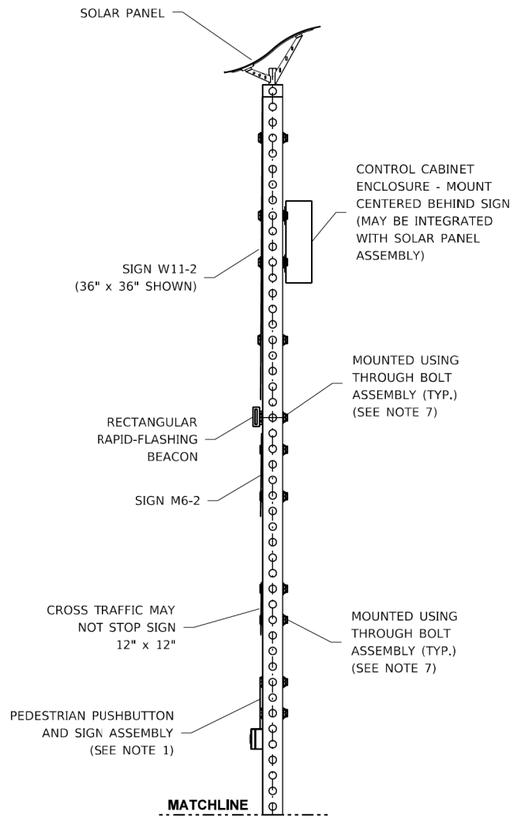
NORTH YORK STREET – ROADWAY REHABILITATION
MEDIAN PLANTER – PLANTER 5

SCALE: N.T.S. | SHEET 4 OF 4 SHEETS | STA. N/A TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	77
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	



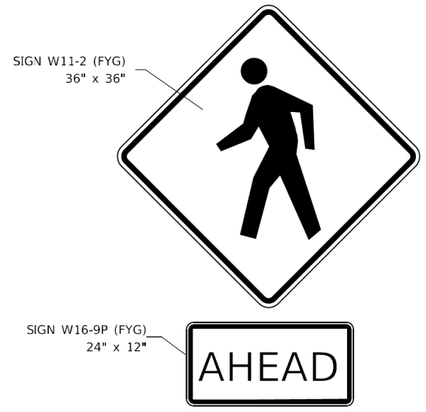
FRONT ELEVATION VIEW



SIDE ELEVATION VIEW

RAPID-FLASHING BEACON
BETWEEN KELLEY AND ROY ST

UNI-DIRECTIONAL CONFIGURATION DETAILS



ADVANCED WARNING SIGN ASSEMBLY



CROSS TRAFFIC MAY NOT STOP USE CAUTION WHEN CROSSING SIGN (12" x 12")

PEDESTRIAN SYMBOL HEIGHT - 4" (IN)

LETTERS - 1" C
LEGEND - BLACK
BACKGROUND - YELLOW

NOTES:

1. INTEGRATED PEDESTRIAN PUSHBUTTON AND SIGN ASSEMBLY. PUSHBUTTON SIGN SHALL BE 9" (IN) X 12" (IN) R10-25 SIGN IN ACCORDANCE WITH THE 2009 MUTCD.
2. ALL SIGNS SHALL BE CONSTRUCTED WITH DIAMOND GRADE REFLECTIVE SHEETING IN ACCORDANCE WITH SECTIONS 720 AND 1091 OF THE STANDARD SPECIFICATIONS.
3. CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RFB MANUFACTURER AS REQUIRED TO HOUSE CONTROLLER AND COMPONENTS. THE CONTROLLER CABINET MAY BE INTEGRATED INTO THE SOLAR PANEL ASSEMBLY.
4. BEACON ASSEMBLY SHALL BE MOUNTED ON THE SIDE OF THE POLE OR ON THE TOP OF THE POLE. A SOLAR POWER UNIT MAY BE INSTALLED ON TOP OF THE MOUNT.
5. RRFB DISPLAYS SHALL BE LED TYPE MEETING THE INTENSITY REQUIREMENTS OF SAE J595 FOR CLASS 1 YELLOW. BUT SHALL NOT EXCEED 1000 CANDELAS DURING DAYLIGHT AND 500 CANDELAS AFTER DARK.
6. SEE HIGHWAY STANDARD 728001 (TELESCOPING STEEL SIGN SUPPORT)
7. SEE HIGHWAY STANDARD 720001 (SIGN PANEL MOUNTING DETAILS)
8. RECTANGULAR FLASHER SHOP DRAWINGS SHALL BE SUBMITTED TO OPERATIONS FOR REVIEW.

BLA, Inc.

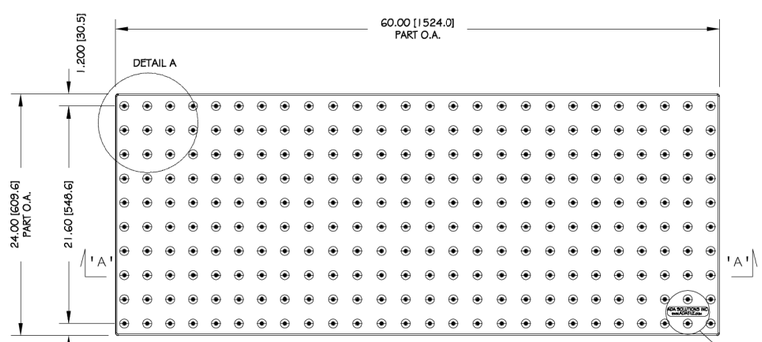
USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

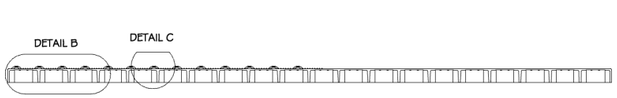
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	78
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



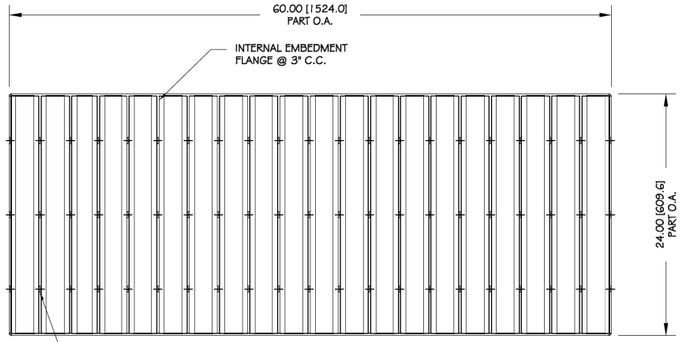
TOP OF PANEL



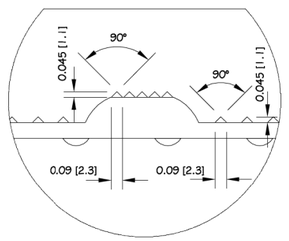
ELEVATION



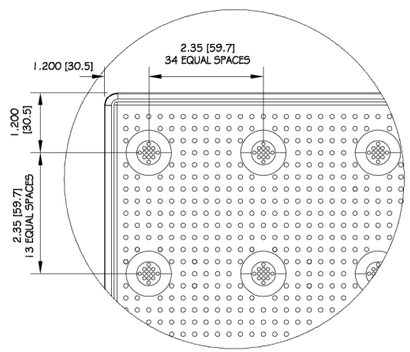
SECTION A-A



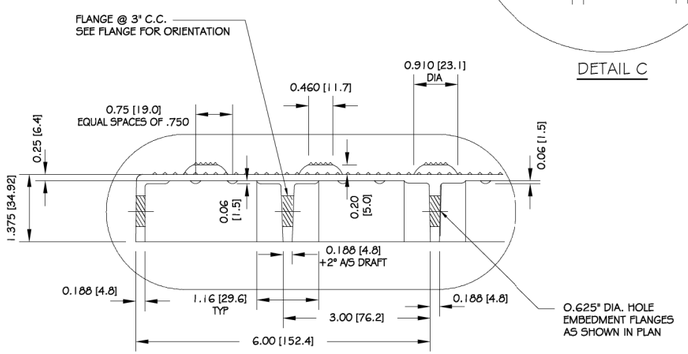
BOTTOM OF PANEL



DETAIL C



DETAIL A



DETAIL B

ALL DIMENSIONS NOMINAL

PRIMARY DIMENSION INCHES
mm IN PARENTHESES

TRADE	PART NO.
TACTILE WARNING SURFACE	2460IDPAV2_

MATERIAL
SMC COMPOSITE

PROJECT
CAST-IN-PLACE TACTILE
WARNING SURFACE UNIT
2.350" (59.7mm) IN LINE TRUNCATED DOME
PART SIZE: 24" (610mm) x 60" (1524mm)
PLANS AND DETAILS

DRAWING NO.	DATE
ADA-CIP2460_2	06-15-17

ADA SOLUTIONS, INC.
DETECTABLE WARNING SURFACES
FOR PEDESTRIAN CROSSINGS
WWW.ADATILE.COM
PHONE: (800)372-0519
EMAIL: INFO@ADATILE.COM

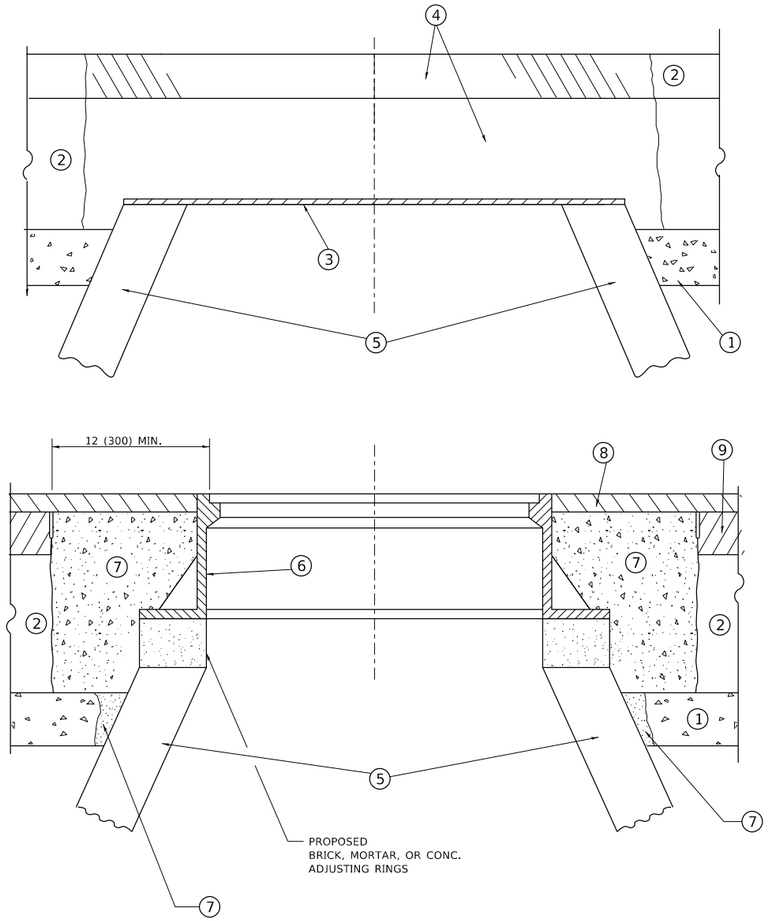
BLA, Inc.	USER NAME = cesario	DESIGNED - MTC	REVISED -
		DRAWN - MTC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - MTC	REVISED -
	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
DETAIL – ADA DETECTABLE WARNINGS

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	79
		CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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.

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. 1 1/2 (40) 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-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

MODEL: Default
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USER NAME = demanchelt	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	
	DRAWN -	REVISED - R. BORO 03-09-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-06-11	
PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

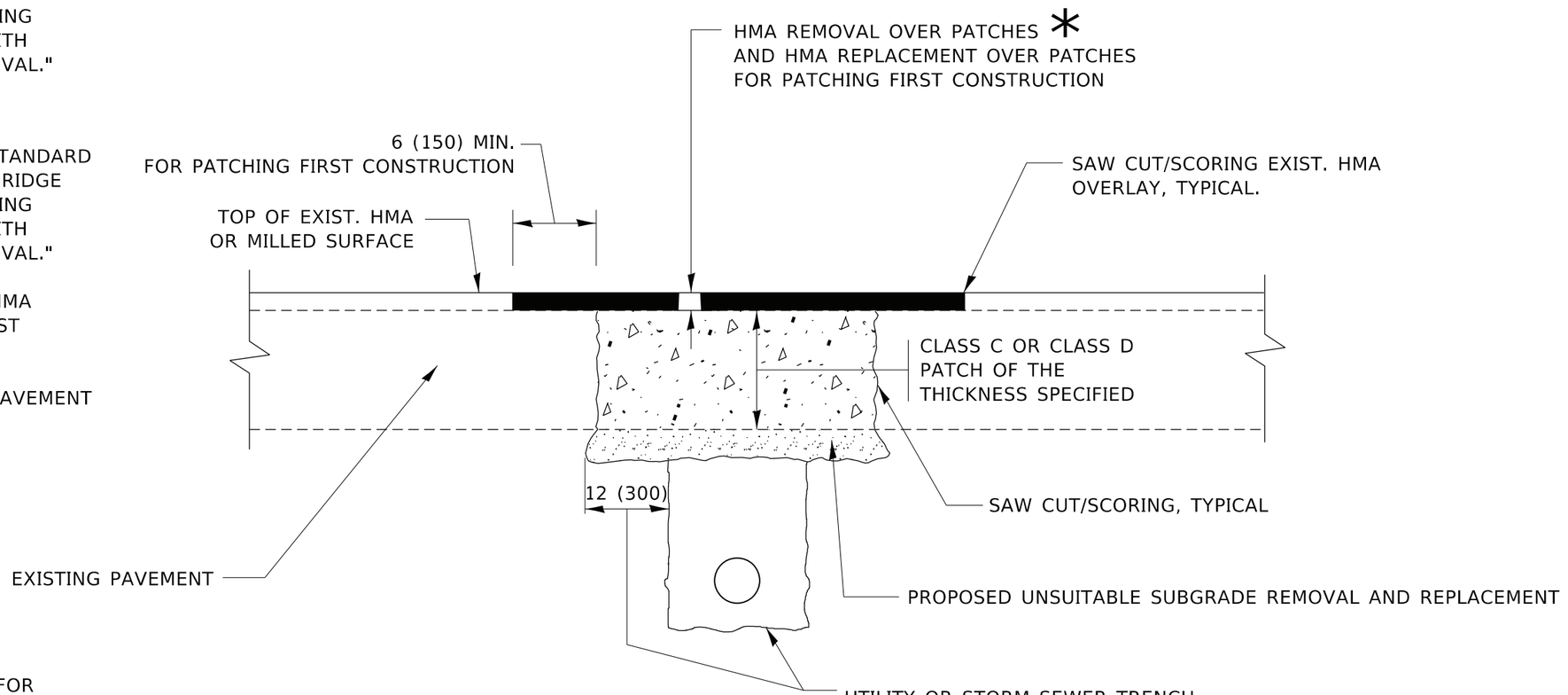
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	80
	BD600-03 (BD-08)	CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			

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.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

MODEL: Default
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USER NAME = demanchelt	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	**STATE OF ILLINOIS**
	DRAWN -	REVISED - R. BORO 09-04-07	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08	
PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22	

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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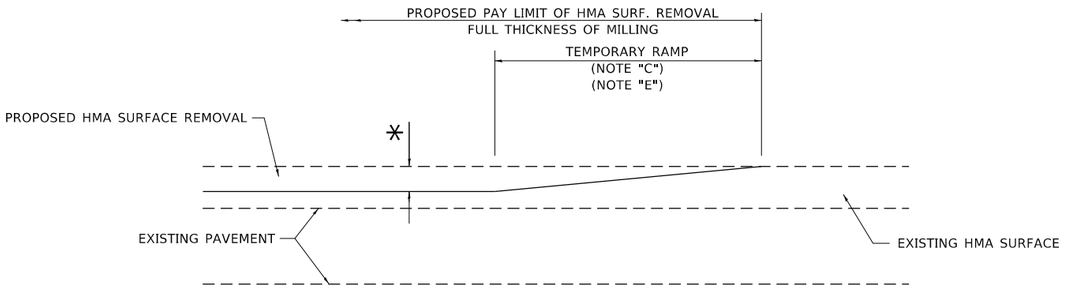
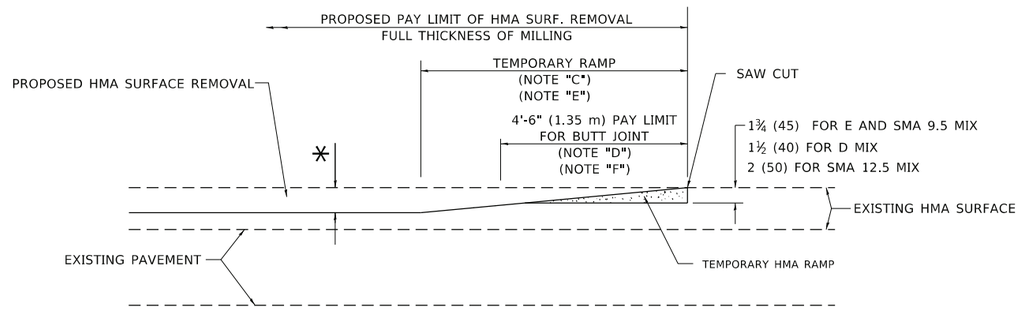
	BD400–04 (BD–22)	CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

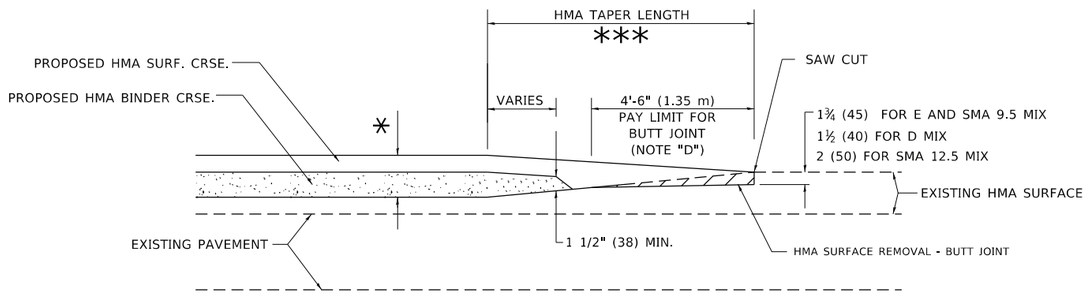


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

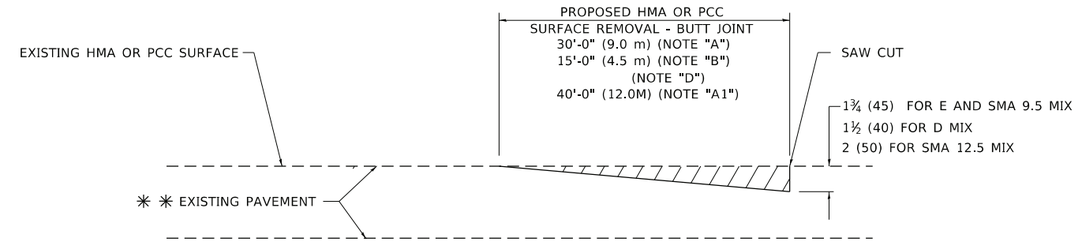
OPTION 2

TYPICAL TEMPORARY RAMP

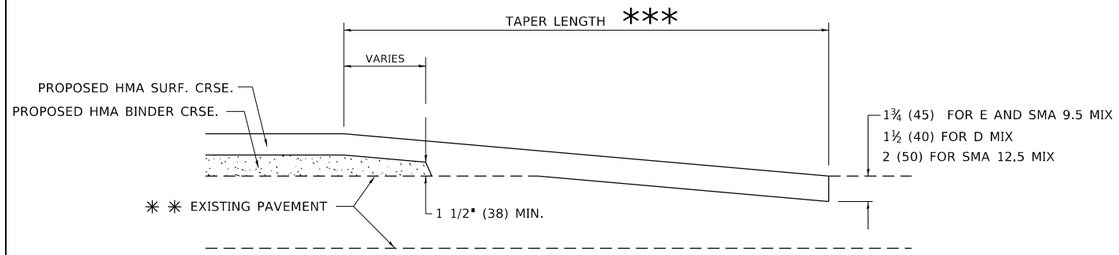


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



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.

MODEL: Default
FILE NAME: W:\dist\cd\22x34\bd32.dgn

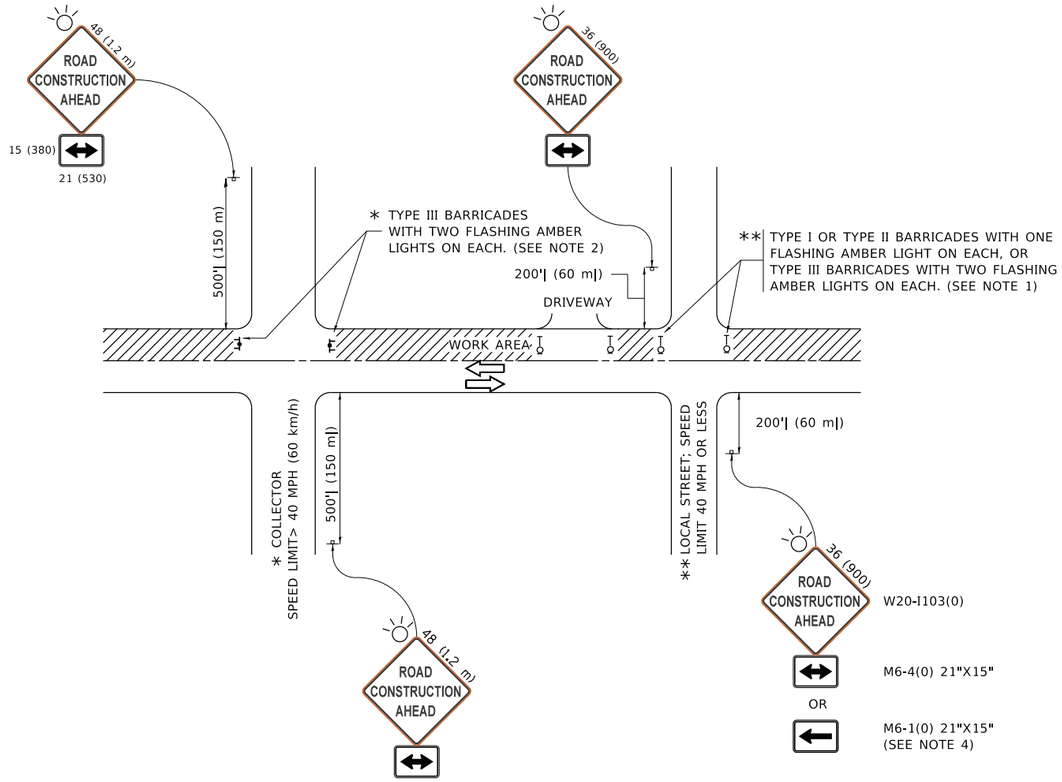
USER NAME = demanchelt	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97	
	DRAWN -	REVISED - M. GOMEZ 04-06-01	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07	
PLOT DATE = 2/2/2022	DATE - 06-13-90	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	82
	BD400-05 BD-32	CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			



NOTES:

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

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

USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16	

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.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	83
	TC-10	CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			

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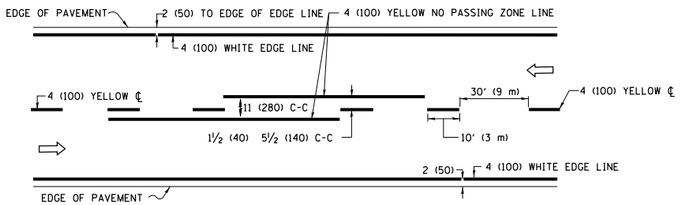
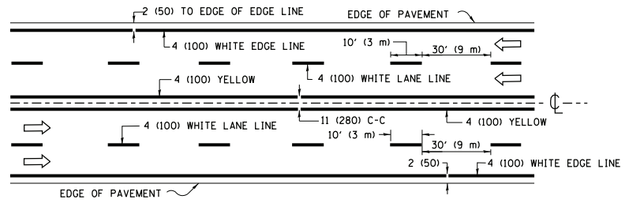
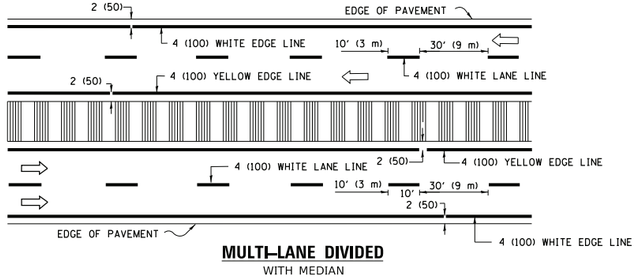


2–LANE ROADWAY

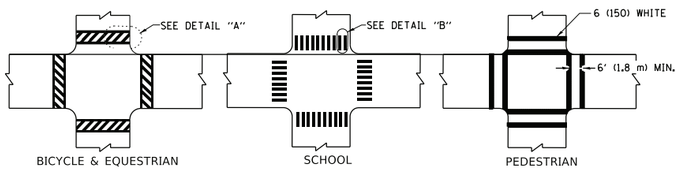


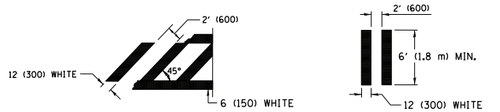
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

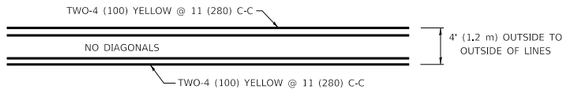




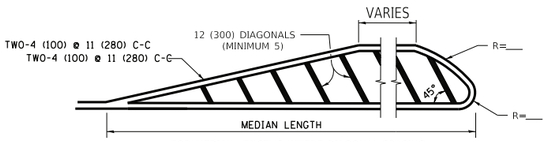
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



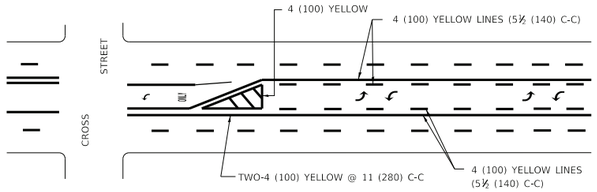
4' (1.2 m) WIDE MEDIANS ONLY



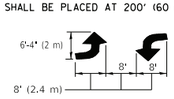
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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))

MEDIANS OVER 4' (1.2 m) WIDE

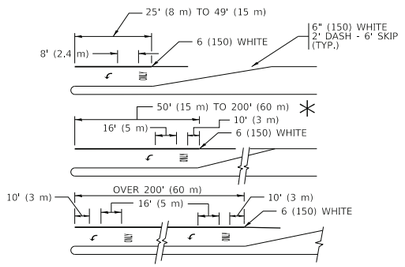


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

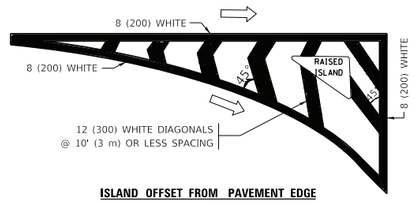


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m ²

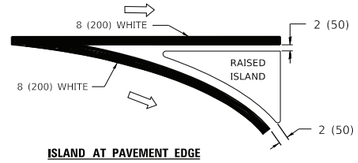
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

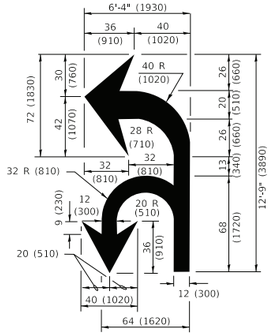


ISLAND OFFSET FROM PAVEMENT EDGE

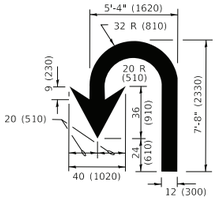


ISLAND AT PAVEMENT EDGE

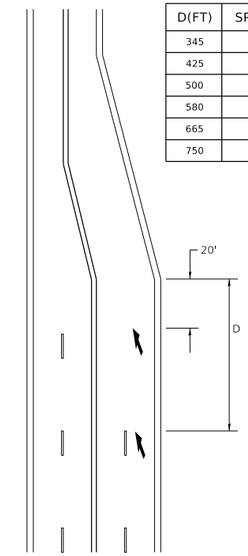
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (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; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS: 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.

MODEL: Default
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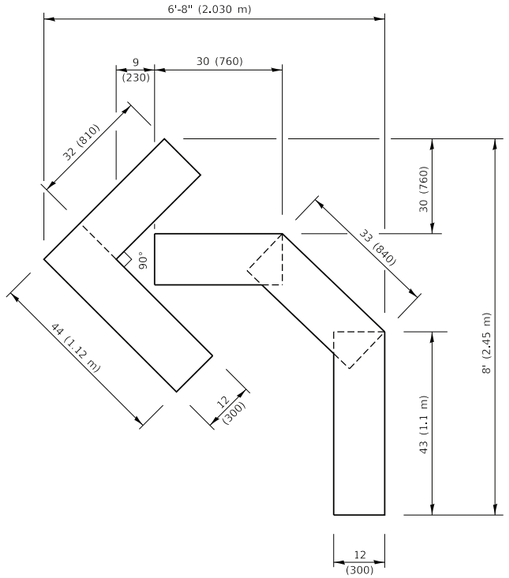
USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
	DRAWN -	REVISED - C. JUCIUS 07-01-13		
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15		
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16		SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

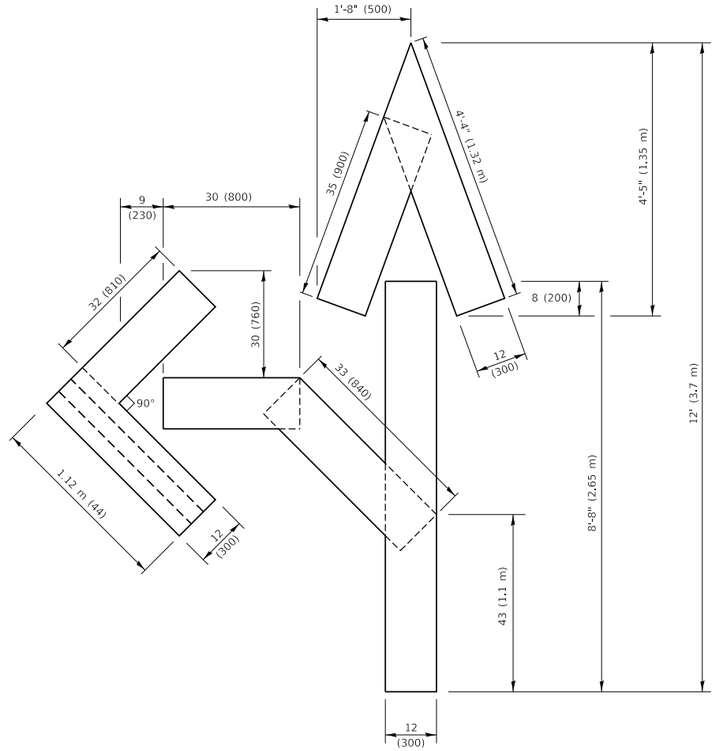
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	84
	TC–13	CONTRACT NO.	61H91	
		ILLINOIS	FED. AID PROJECT	

tc13.dgn 3/4/2019 10:34:37 AM User=footemj



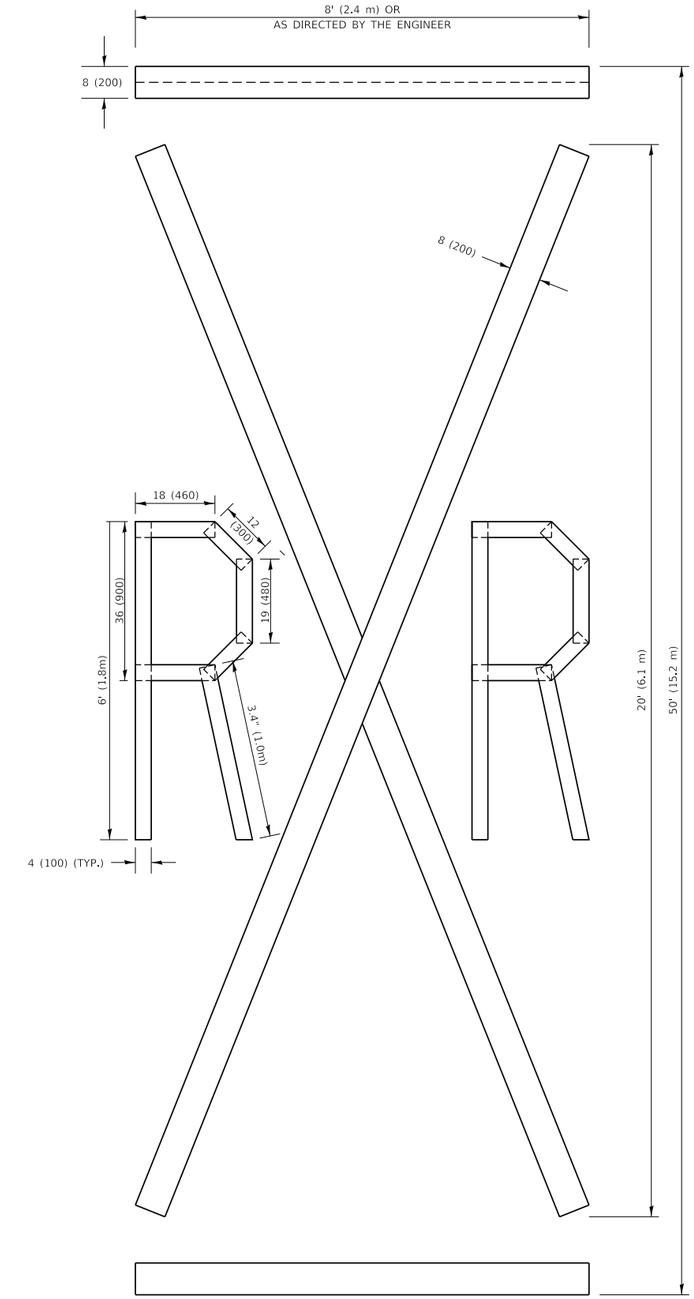
QUANTITY

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



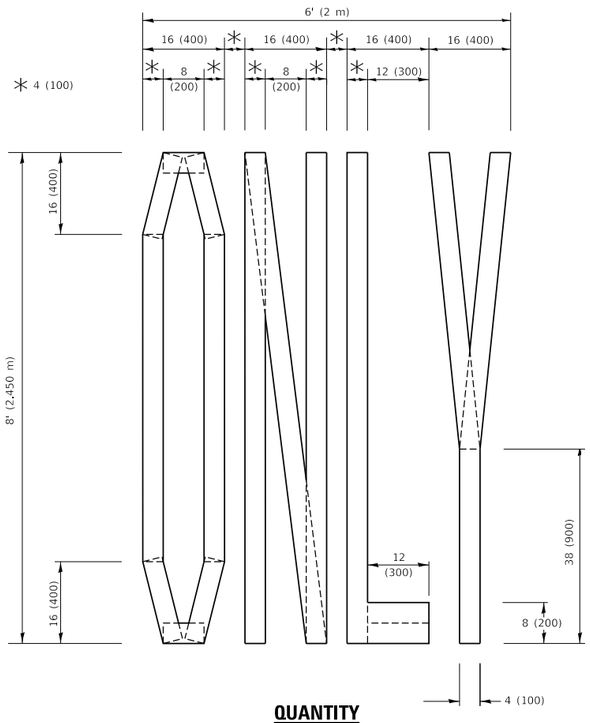
QUANTITY

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



QUANTITY

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



QUANTITY

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

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

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USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 50.0068 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	85
	TC-16	CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	

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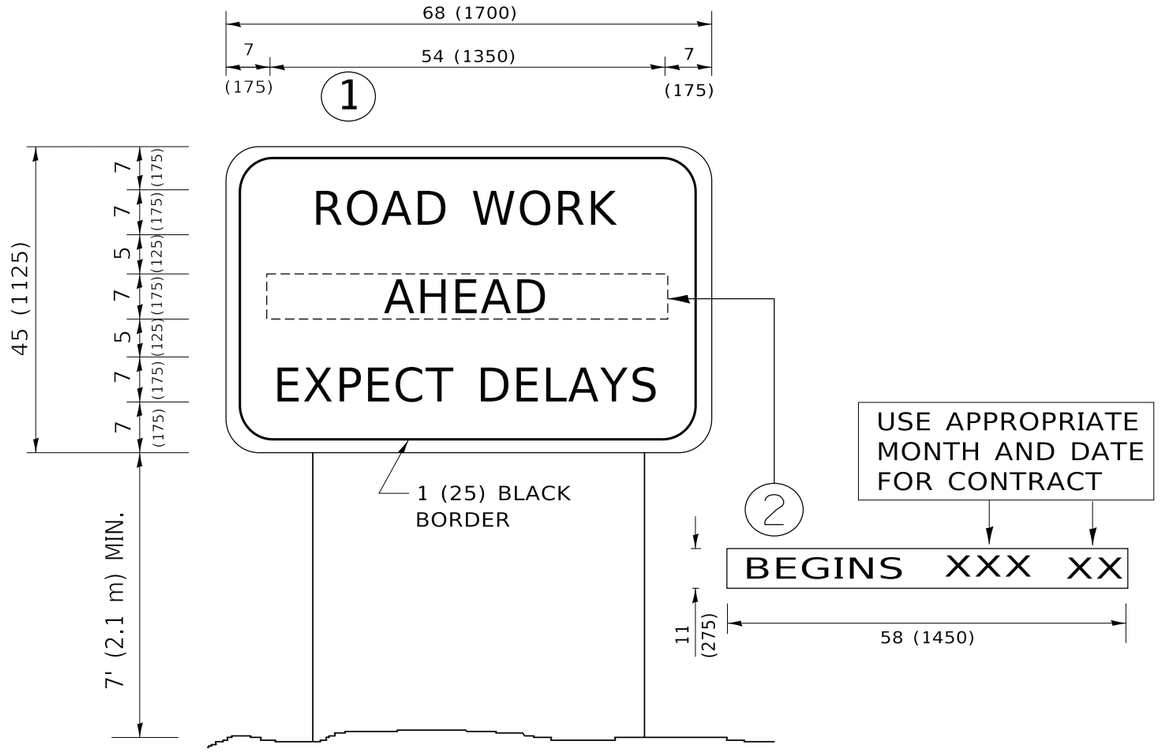

NOTES:

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

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

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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

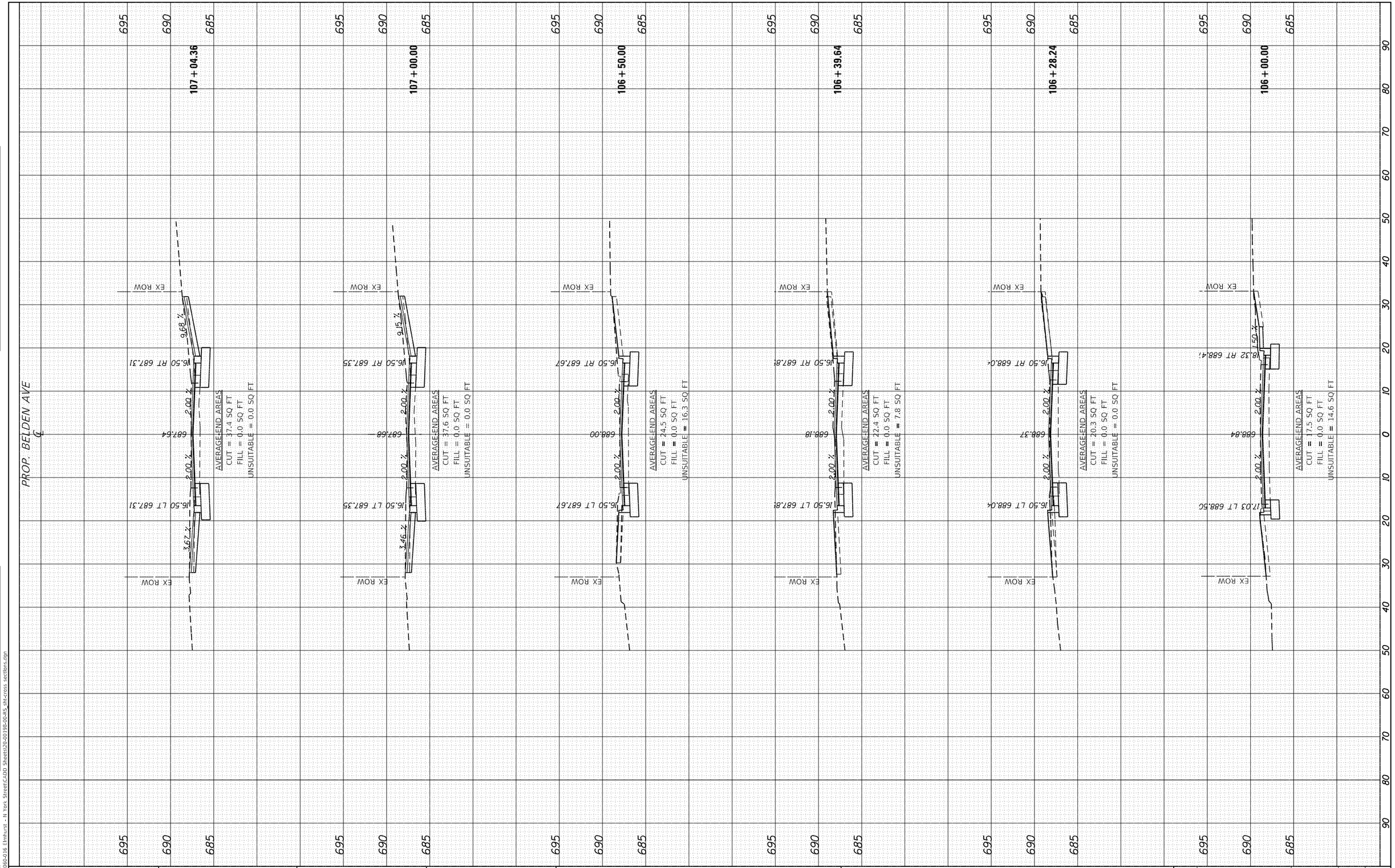
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	86
	TC–22	CONTRACT NO. 61H91		
	ILLINOIS FED. AID PROJECT			

tc22.dgn 3/4/2019 10:48:10 AM User=footemj

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

PROP. BELDEN AVE



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

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BLA, Inc.
ITASCA, ILLINOIS

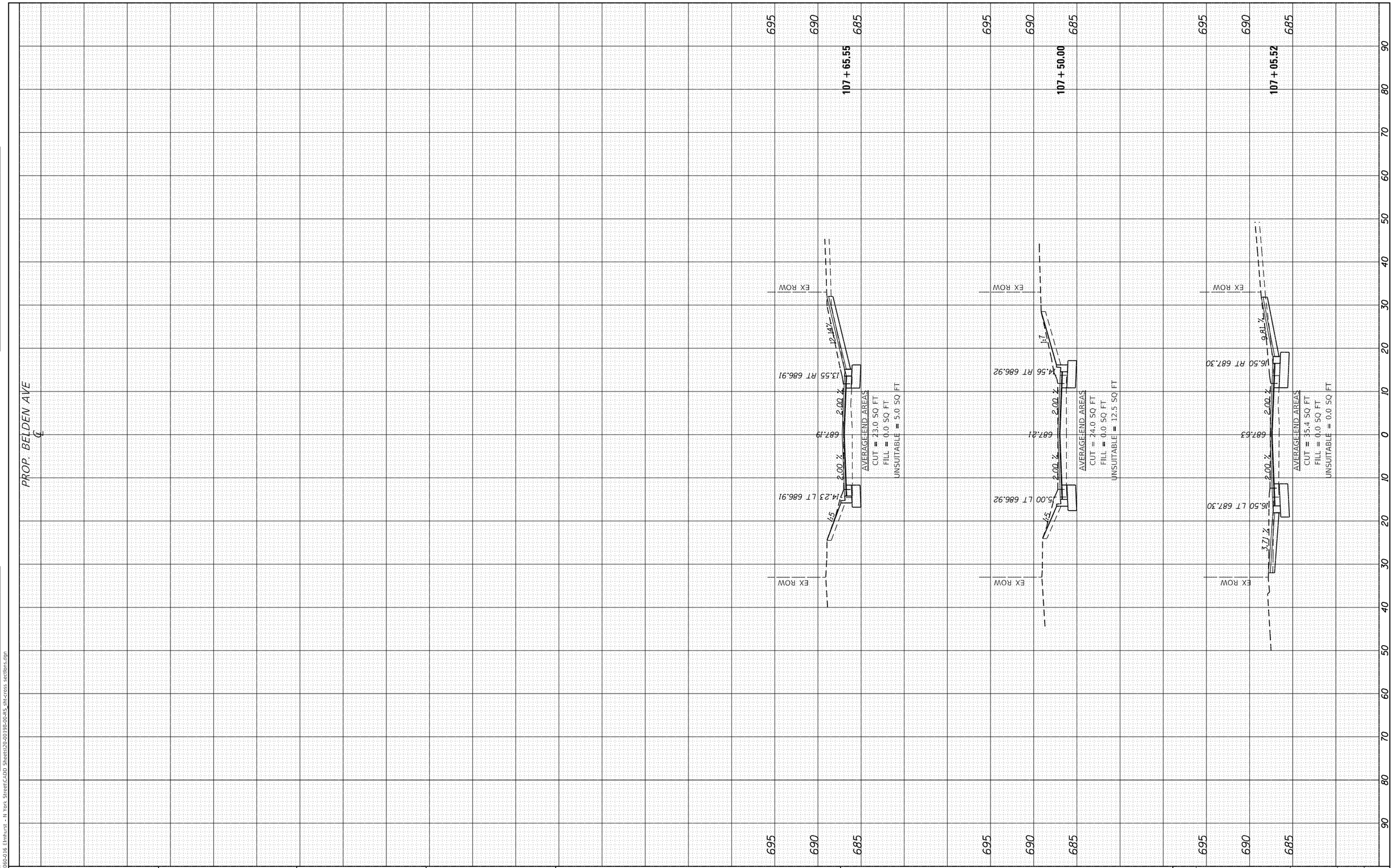
USER NAME = cesario	DESIGNED - DFM	REVISED -
	DRAWN - DFM	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
CROSS SECTIONS – BELDEN AVENUE

SCALE: 1:10H 1:5V | SHEET 1 OF 2 SHEETS | STA. 106+00.00 | TO STA. 107+04.36

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	87
		CONTRACT NO. 61H91		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY

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

ORIGINAL SURVEY

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

MODEL: Default
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BLA, Inc.
ITASCA, ILLINOIS

USER NAME = cesario	DESIGNED - DFM	REVISED -	
	DRAWN - DFM	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - MTC	REVISED -	
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -	

KANE COUNTY
DIVISION OF TRANSPORTATION

NORTH YORK STREET – ROADWAY REHABILITATION
CROSS SECTIONS – BELDEN AVENUE

SCALE: 1:10H 1:5V | SHEET 2 OF 2 SHEETS | STA. 107+05.52 TO STA. 107+65.55

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	88
		CONTRACT NO. 61H91		
		ILLINOIS	FED. AID PROJECT	