F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	1
		ILLINOIS	CONTRACT NO. 61J91	

01-17-2025 LETTING ITEM 128

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAU ROUTE 1503
SECTION 21-00339-00-CH
INDIAN TRAIL – EDGELAWN DR TO HIGHLAND AVE RESURFACING AND TRAFFIC SIGNAL MODERNIZATION
CITY OF AURORA KANE COUNTY
C-91-103-22

LOCATION OF SECTION INDICATED THUS:–

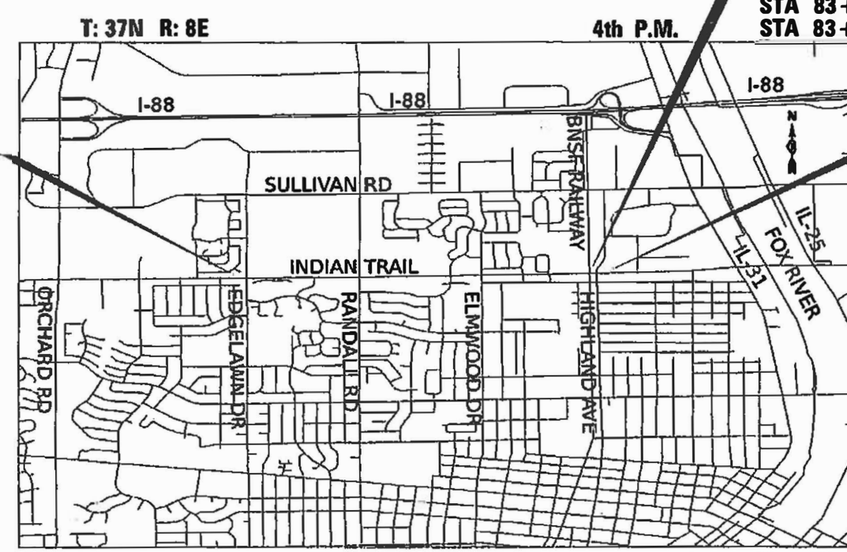
FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

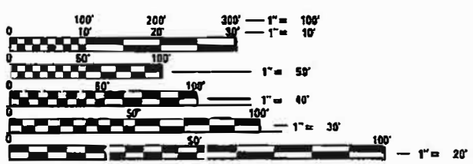
FUNCTIONAL CLASSIFICATION
URBAN MINOR ARTERIAL
2024 ADT = 20,400
P.V.=98.0% S.U.=1.0% M.U.=1.0%
POSTED SPEED LIMIT: 35 MPH

IMPROVEMENT BEGINS
STA 2+85.00

RAILROAD OMISSION
STA 83+17.02 TO
STA 83+27.02

IMPROVEMENT ENDS
STA 85+86.00





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

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

LICENSED PROFESSIONAL ENGINEER
TYLER H. GRAU
062-0062833
STATE OF ILLINOIS
Exp: 11/30/2025

CITY OF AURORA
APPROVED February 13 2024
CITY OF AURORA ENGINEERING COORDINATOR
PASSED FEB 23 2024
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW Feb 23 2024
REGIONAL ENGINEER

PROJECT ENGINEER: CURT GRASS, P.E.
PROJECT MANAGER: TYLER GRAU, P.E.

GROSS LENGTH = 8,301.00 FT. = 1.572 MILE
NET LENGTH = 8,291.00 FT. = 1.570 MILE

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

CONTRACT NO. 61J91

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INDEX OF SHEETS

IDOT HIGHWAY STANDARDS

STD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (9 SHEETS)
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS (2 SHEETS)
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS (2 SHEETS)
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
424031-03	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
606001-08	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER (2 SHEETS)
606306-04	CORRUGATED PC CONCRETE MEDIANS
701001-02	OFF-ROAD OPERATIONS MULTI-LANE, MORE THAN 15' AWAY FROM PAVEMENT EDGE
701006-05	OFF-ROAD OPERATIONS MULTI-LANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701427-05	LANE CLOSURE, MULTI-LANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE (4 SHEETS)
701606-10	URBAN SINGLE LANE CLOSURE, MULTI-LANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE (2 SHEETS)
701901-10	TRAFFIC CONTROL DEVICES (3 SHEETS)
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS (3 SHEETS)
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
821101-03	LUMINAIRE WIRING IN POLE
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES (2 SHEETS)
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-10	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS (2 SHEETS)
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

IDOT DISTRICT ONE DETAILS

STD NO.	DESCRIPTION
BD-02	DRIVEWAY DETAIL-DISTANCE BETWEEN R.O.W. AND FACE OF CURB GREATER THAN 15' (4.5m)
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER
BE-301	LIGHT POLE FOUNDATION 40' (12.192 m) TO 47 1/2' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE
BE-401	ALUMINUM LIGHT POLE 40'-0" (12.192 m) MOUNTING HEIGHT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISCELLANEOUS ELECTRICAL DETAILS, SHEET A - (CABLE SPLICE, POLE WIRING, TRENCH DETAIL)
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-02	MAST ARM MOUNTED STREET NAME SIGNS
TS-05	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-07	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

COMMITMENTS:

1. BURLINGTON NORTHERN SANTA FE RAILWAY LEASE AGREEMENT REQUIREMENTS

2. COORDINATION WITH THE RESIDENTS ABOUT THE PROJECT AND SIDEWALK CLOSURES WILL BE REQUIRED AT BEGINNING OF PHASE III ONCE THE CONTRACTOR IS SELECTED AND SCHEDULE HAS BEEN DEFINED. PRIOR TO CONSTRUCTION, THE CITY WILL DISTRIBUTE CONSTRUCTION NOTICES TO ALL RESIDENTS DIRECTLY ADJACENT TO THE PROJECT AND SOLICIT IF ANYONE IN THE HOUSEHOLD REQUIRES SPECIAL ASSISTANCE. ADDITIONAL NOTICES WILL BE DISTRIBUTED TO LOCAL NEIGHBORHOOD GROUPS AND HOMEOWNERS' ASSOCIATIONS IMPACTED BY THE PROJECT

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE DONE ACCORDING TO THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022: THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JAN 1, 2024; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; THE DETAILS IN THESE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

2. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, CITY OF AURORA, AND WITH ANY OTHER ROADWAY PROJECTS WITHIN THE AREA (61K88, 61K64) THAT ARE UNDER CONSTRUCTION AT THE SAME TIME. THE BNSF RAILWAY WILL REQUIRE A FULL CLOSURE (BY OTHERS) TO COMPLETE THE TRACK REFRESH WITHIN THE PROJECT LIMITS. CONTRACT 61K88 WILL DETOUR TRAFFIC ONTO INDIAN TRAIL AND MAY OVERLAP WITH THIS CONTRACT. CONTRACT 61K64 IS A RESURFACING CONTRACT EAST OF HIGHLAND AVENUE.

3. THE CONTRACTOR SHALL LIMIT ALL CONSTRUCTION ACTIVITIES TO THE WORK AREAS DESIGNATED ON THE PLANS. ANY DAMAGE TO AREAS OUTSIDE OF THESE LIMITS SHALL BE REPAIRED BY THE CONTRACTOR AT THEIR OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.

4. THE CONTRACTOR SHALL SOLELY BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF SIGNAGE, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION.

5. ELEVATIONS SHOWN REFER TO U.S.G.S. NAVD88 DATUM UNLESS OTHERWISE NOTED.

6. THE CONTRACTOR SHALL CONTACT JULIE AT (800) 892-0123 FOR FIELD LOCATION OF UTILITIES.

7. THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND EASEMENTS ARE SHOWN ON THE DRAWINGS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD CHECK AND VERIFY ALL EXISTING UTILITY LOCATIONS, DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL REPORT TO THE ENGINEER ANY OMISSIONS OR DISCREPANCIES FROM THE LOCATIONS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATIONS WITH NEW CONSTRUCTION, THE CONTRACTOR SHALLNOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.

8. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER (630-256-3202) AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. THE STORAGE OF EQUIPMENT OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL CONTACT THE CITY OF AURORA PUBLIC WORKS DEPARTMENT 48 HOURS PRIOR TO ANY WORK IN ORDER TO OBTAIN CITY UTILITY LOCATIONS.

9. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN THE EXISTING ROADWAY ACCORDING TO ARTICLE 107.15 OF THE IDOT STANDARD SPECIFICATIONS.

10. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCESSING ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT THEIR OWN RISK AND EXPENSE.

11. BEFORE ACCEPTANCE BY THE ENGINEER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE ENGINEER, FINAL PAYMENT WILL BE MADE AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED BY THE ENGINEER AND THE PERMITTING AGENCIES.

GENERAL NOTES (CONT.):

12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM THEIR CONSTRUCTION OPERATIONS.

13. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OR LABORERS TO EXISTING CONDITIONS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL COMPLETION OF THIS CONTRACT.

14. THE CONTRACTOR SHALL NOTIFY PACE 1 WEEK IN ADVANCE OF CONSTRUCTION STARTING.

15. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE BURLINGTON NORTHERN SANTA FE RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE BURLINGTON NORTHERN SANTA FE RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.

16. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07. REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

PAVING AND GRADING NOTES:

1. ALL PAVEMENT DIMENSIONS ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE INDICATED.

2. PAVING WORK SHALL INCLUDE FINAL SUB-GRADE SHAPING AND PREPARATION, FORMING, PLACEMENT OF BASE COURSE MATERIALS, AND SUBSEQUENT BINDER AND/OR SURFACE COURSES, FINISHING AND CURING OF CONCRETE, FINAL CLEAN-UP AND ALL RELATED WORK.

3. ALL DISTURBED NON-PAVEMENT AREAS SHALL BE ROUGH GRADED. THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION PREVENTION AND REPAIR.

4. ALL PORTLAND CEMENT CONCRETE SHALL BE CURED AND PROTECTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. TWO COATS OF WHITE CURING COMPOUND PER STANDARD SPECIFICATION ART. 1022.01 SHALL BE APPLIED TO ALL CONCRETE WORK AS SOON AS THE FINISH IS COMPLETE, WITHIN ONE (1) HOUR OF FINAL STRIKING.

5. UNLESS OTHERWISE NOTED, CONCRETE SIDEWALKS SHALL BE SET ON 4" CRUSHED STONE COMPACTED SUBBASE AND SHALL BE 1/4" ABOVE THE ADJACENT CURB.

6. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1

TRAFFIC CONTROL:

1. NO CONSTRUCTION SHALL BEGIN UNTIL ALL PROPER TEMPORARY SIGNS AND BARRICADES HAVE BEEN INSTALLED. SEE MAINTENANCE OF TRAFFIC GENERAL NOTES FOR REQUIREMENTS RELATED TO TRAFFIC CONTROL.

TRAFFIC SIGNALS:

1. ALL MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE POSITIONED OVER THE CENTER OF EACH ASSOCIATED TRAVEL LANE AS SHOWN ON THE PLANS.

2. THE LOCATION OF THE PEDESTRIAN PUSHBUTTON MUST BE PARALLEL TO THE CROSSWALK. PEDESTRIAN PUSH BUTTON LOCATIONS SHALL FOLLOW THE GUIDELINES FROM ADA / PROWAG AND DISTRICT 1 DETAIL. THE CONTRACTOR WILL BE ALLOWED TO UTILIZE PUSH BUTTON EXTENSION HARDWARE TO COMPLY WITH ADA/PROWAG PUSH BUTTON REQUIREMENTS ONLY IF COMPLIANCE CANNOT BE OBTAINED BY FIELD ADJUSTMENT OF PROPOSED SIDEWALK AND/OR TRAFFIC SIGNAL SUPPORTS.

PROJECT CONTACTS:

COMCAST MARTHA GIERAS MARTHA_GIERAS@CABLE.COMCAST.COM PH: (224) 229-5862	NICOR CHARLES (CHIP) PARROTT CPARROT@SOUTHERNCO.COM PH: (630) 388-3319
AT&T HECTOR GARCIA HG2929@STT.COM PH: (630) 573-5465	CITY OF AURORA TIM WEIDNER, P.E. ENGINEERING COORDINATOR WEIDNERT@AURORA.IL.US PH: (630) 256-3202
COMED DANIEL MENDEZ DANIEL.MENDEZ@COMED.COM PH: (773) 779-6111	CITY OF AURORA - IT FIBER MIKE BAKER BAKERM@AURORA.IL.US PH: (630) 256-3465
MCI/VERIZON JOHN BUHER JOHN.BUHER@VERIZON.COM PH: (708) 458-6410	CITY OF AURORA - ELECTRICAL DIVISION SCOTT MILLER MILLERS@AURORA.IL.US PH: (630) 256-3821
BNSF JACOB RZEWNICKI JACOB.RZEWNICKI@BNSF.COM PH: (682) 216-1426	ILLINOIS COMMERCE COMISSION STANLEY MILEWSKI STANLEY.MILEWSKI@ILLINOIS.GOV PH: (312) 636-7762
IDOT - BLRS DISTRICT 1 CARMEN RAMOS, P.E. CARMEN.E.RAMOS@ILLINOIS.GOV FEDERAL AID DESIGN PROGRAM ENGINEER PH: (847) 705-4021	AURORA CATHOLIC CENTRAL PRINCIPAL: PAUL MAYER PH: (630) 907-0095 PACE SUBURBAN BUS TRANSPORTATION ENGINEER TRANSPORTATION.ENGINEER@PACEBUS.COM

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - CEG	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	2

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	Const. Type Code STP-L 80% FED / 20%			
					ROADWAY	LOCAL CMAQ 80% / FED 20% LOCAL		TRAINEES
						TRAFFIC SIGNALS	LIGHTING	
					0005	0021	0021	0042
					URBAN	URBAN	URBAN	URBAN
#	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30	30			
#	20101100	TREE TRUNK PROTECTION	EACH	10	10			
#	20101200	TREE ROOT PRUNING	EACH	17	17			
#	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2	2			
	20200100	EARTH EXCAVATION	CU YD	588	588			
	20200500	EARTH EXCAVATION (WIDENING)	CU YD	124	124			
	20800150	TRENCH BACKFILL	CU YD	6	6			
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	345	345			
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	57	57			
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,910	1,910			
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	24	24			
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	24	24			
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	24	24			
	25200110	SODDING, SALT TOLERANT	SQ YD	1,910	1,910			
	25200200	SUPPLEMENTAL WATERING	UNIT	103	103			
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	40	40			
	28000400	PERIMETER EROSION BARRIER	FOOT	2,276	2,276			
	28000510	INLET FILTERS	EACH	44	44			
	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	1,934	1,934			
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	57	57			
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,205	1,205			
	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	2,559	2,559			
	35650510	BASE COURSE WIDENING 11"	SQ YD	218	218			
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,242	6,242			

SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	Const. Type Code STP-L 80% FED / 20%			
					ROADWAY	LOCAL CMAQ 80% / FED 20% LOCAL		TRAINEES
						TRAFFIC SIGNALS	LIGHTING	
					0005	0021	0021	0042
					URBAN	URBAN	URBAN	URBAN
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	39,035	39,035			
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	67,987	67,987			
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,602	1,602			
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	3,128	3,128			
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	574	574			
	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	4,778	4,778			
	42001300	PROTECTIVE COAT	SQ YD	963	963			
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8,597	8,597			
	42400800	DETECTABLE WARNINGS	SQ FT	773	773			
	44000100	PAVEMENT REMOVAL	SQ YD	72	72			
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	50,354	50,354			
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	36	36			
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,432	1,432			
	44000600	SIDEWALK REMOVAL	SQ FT	4,699	4,699			
	44003100	MEDIAN REMOVAL	SQ FT	62	62			
	44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	37	37			
	44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	95	95			
	44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	142	142			
	44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	387	387			
	50105220	PIPE CULVERT REMOVAL	FOOT	42	42			
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2			
	542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	42	42			
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	3			
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1			

SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	Const. Type Code STP-L 80% FED / 20%			
					ROADWAY	LOCAL CMAQ 80% / FED 20% LOCAL		TRAINEES
						TRAFFIC SIGNALS	LIGHTING	
					0005	0021	0021	0042
					URBAN	URBAN	URBAN	URBAN
	60260100	INLETS TO BE ADJUSTED	EACH	8	8			
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	8	8			
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,464	1,464			
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	62	62			
#	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	60	60			
#	66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10			
#	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
#	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
#	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10			
	67100100	MOBILIZATION	L SUM	1	1			
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1			
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1			
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	252		252		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,853	7,853			
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5,295	5,295			
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	8,032	8,032			
#	72000100	SIGN PANEL - TYPE 1	SQ FT	418		418		
#	72000200	SIGN PANEL - TYPE 2	SQ FT	88		88		
#	72900100	METAL POST - TYPE A	FOOT	144		144		
#	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,067		1,067		
#	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	27,181		27,181		
#	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5,221		5,221		

SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	Const. Type Code STP-L 80% FED / 20%			
					ROADWAY	LOCAL CMAQ 80% / FED 20% LOCAL		TRAINEES
						TRAFFIC SIGNALS	LIGHTING	
					0005	0021	0021	0042
					URBAN	URBAN	URBAN	URBAN
#	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3,060		3,060		
#	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	833		833		
#	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1,259		1,259		
#	78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	27,181		27,181		
#	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	5,221		5,221		
#	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	3,060		3,060		
#	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	833		833		
#	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2,332		2,332		
#	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	885		795	90	
#	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2,013		2,013		
#	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	40			40	
#	81400100	HANDHOLE	EACH	12		12		
#	81400300	DOUBLE HANDHOLE	EACH	7		7		
#	81603032	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	300			300	
#	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,420			1,420	
#	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	2,840			2,840	
#	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1,449			1,449	
#	81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	1,128			1,128	
#	81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1,770			1,770	
#	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	7			7	
#	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	1			1	
#	84200804	REMOVAL OF POLE FOUNDATION	EACH	1			1	
#	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1			1	
#	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5		5		

SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	Const. Type Code STP-L 80% FED / 20% LOCAL			
					ROADWAY	CMAQ 80% / FED 20% LOCAL		TRAINEES
						TRAFFIC SIGNALS	LIGHTING	
					0005	0021	0021	0042
					URBAN	URBAN	URBAN	URBAN
#	86400100	TRANSCEIVER - FIBER OPTIC	EACH	5		5		
#	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	9,090		9,090		
#	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	5,171		5,171		
#	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	10,675		10,675		
#	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	7,820		7,820		
#	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	6,532		6,532		
#	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,426		2,426		
#	87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	547		547		
#	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	537		537		
#	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	3,559		3,559		
#	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	14		14		
#	87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2		2		
#	87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	4		4		
#	87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2		2		
#	87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2		2		
#	87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1		1		
#	87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1		1		
#	87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	3		3		
#	87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	2		2		
#	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1		1		
#	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1		1		
#	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1		1		
#	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	68		68		
#	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	20		20		

SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	Const. Type Code STP-L 80% FED / 20% LOCAL			
					ROADWAY	CMAQ 80% FED / 20% LOCAL		TRAINEES
						TRAFFIC SIGNALS	LIGHTING	
					0005	0021	0021	0042
					URBAN	URBAN	URBAN	URBAN
#	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	222		222		
#	87900200	DRILL EXISTING HANDHOLE	EACH	9		9		
#	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	36		36		
#	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4		4		
#	88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	16		16		
#	88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	17		17		
#	88030230	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1		1		
#	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	32		32		
#	88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	53		53		
#	88500100	INDUCTIVE LOOP DETECTOR	EACH	10		10		
#	88600100	DETECTOR LOOP, TYPE I	FOOT	673		673		
#	88700200	LIGHT DETECTOR	EACH	11		11		
#	88700300	LIGHT DETECTOR AMPLIFIER	EACH	5		5		
#	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	9,412		9,412		
#	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	240		240		
#	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5		5		
#	89502380	REMOVE EXISTING HANDHOLE	EACH	40		40		
#	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	5		5		
#	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	34		34		
	X2810844	REMOVE EXISTING RIPRAP	SQ YD	26	26			
#	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	2,043		2,043		
#	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	1,000		1,000		
	X0327036	BIKE PATH REMOVAL	SQ YD	2,781	2,781			
#	X0327211	RELOCATE SWITCH	EACH	5		5		

SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	Const. Type Code STP-L 80% FED / 20%			
					ROADWAY	LOCAL CMAQ 80% / FED 20% LOCAL		TRAINEES
						TRAFFIC SIGNALS	LIGHTING	
					0005	0021	0021	0042
					URBAN	URBAN	URBAN	URBAN
#	X0327406	RELOCATE EXISTING VIDEO ENCODER, SPECIAL	EACH	1		1		
#	X0327425	RELOCATE WIRELESS INTERCONNECT (COMPLETE)	L SUM	1		1		
	X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	2	2			
#	X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	1,014		1,014		
#	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	5		5		
#	X1400215	REMOTE CONTROLLED VIDEO SYSTEM	EACH	4		4		
#	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	7		7		
#	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	8		8		
	X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	18		18		
	X4400080	DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	22	22			
	X4400221	CURB REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	100	100			
	X4400223	CURB REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	100	100			
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	127	127			
	X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	6	6			
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	31	31			
	X6700405	ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)	CAL MO	10	10			
#	X8100863	INTERCEPT EXISTING CONDUIT	EACH	8		5	3	
#	X8130130	JUNCTION BOX TO BE ADJUSTED	EACH	2	2			
#	X8161000	EXPOSE AND RELOCATE EXISTING UNIT DUCT	FOOT	60			60	
#	X8440102	RELOCATE EXISTING LUMINAIRE	EACH	7			7	
#	X8570233	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	4		4		
#	X8571218	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1		1		
#	X8620200	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	5		5		
#	X8710030	FIBER OPTIC CABLE 48 FIBERS, SINGLE MODE	FOOT	9,090		9,090		

SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	Const. Type Code STP-L 80% FED / 20%			
					ROADWAY	LOCAL CMAQ 80% / FED 20% LOCAL		TRAINEES
						TRAFFIC SIGNALS	LIGHTING	
					0005	0021	0021	0042
					URBAN	URBAN	URBAN	URBAN
#	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	32		32		
#	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	60		60		
#	X8891007	VIDEO VEHICLE DETECTION SYSTEM COMPLETE	EACH	4		4		
#	X8891406	RELOCATE EXISTING REMOTE CONTROLLED VIDEO VEHICLE SYSTEM (SPECIAL)	EACH	1		1		
#	XX007993	CENTRALIZED SYSTEM FIELD INTEGRATION / SETUP	L SUM	1		1		
	Z0007430	TEMPORARY SIDEWALK	SQ FT	3,175	3,175			
#	Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	1		1		
#	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4		51.4		
#	Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	7			7	
#	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	10			10	
#	Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1		1		
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
	Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	15	15			
	Z0076600	TRAINEES	HOUR	500				500
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500				500

MODEL: $MODELNAME$
FILE NAME: $FILE$

Stanley Consultants INC.

USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - CN	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 8 OF 8 SHEETS | STA. | TO STA.

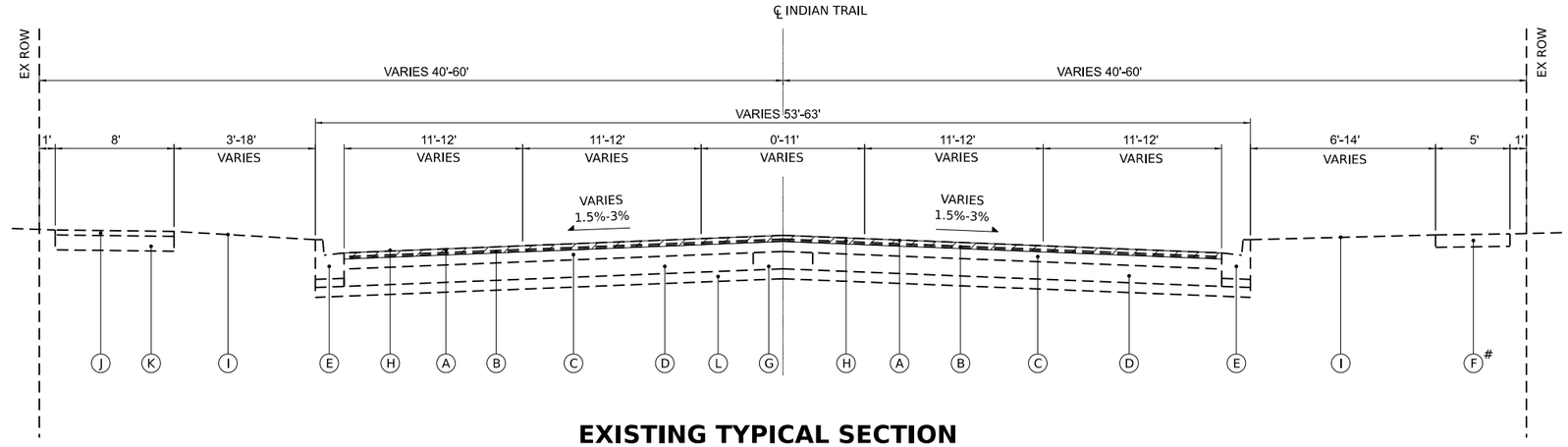
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	10

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- (B) LEVELING BINDER, 3/4"
- (C) HOT-MIX ASPHALT BINDER COURSE, 4 1/4"
- (D) HOT-MIX ASPHALT BASE COURSE, 7"
- (E) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- (F) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (G) PORTLAND CEMENT CONCRETE BASE COURSE
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (I) EXISTING GROUND
- (J) BITUMINOUS CONCRETE PATH, 2"
- (K) AGGREGATE BASE COURSE, TYPE B CA-6, 6"
- (L) SUBBASE GRANULAR MATERIAL, TYPE B, 4"



EXISTING TYPICAL SECTION

STA 2+85.00 TO STA 85+86.00

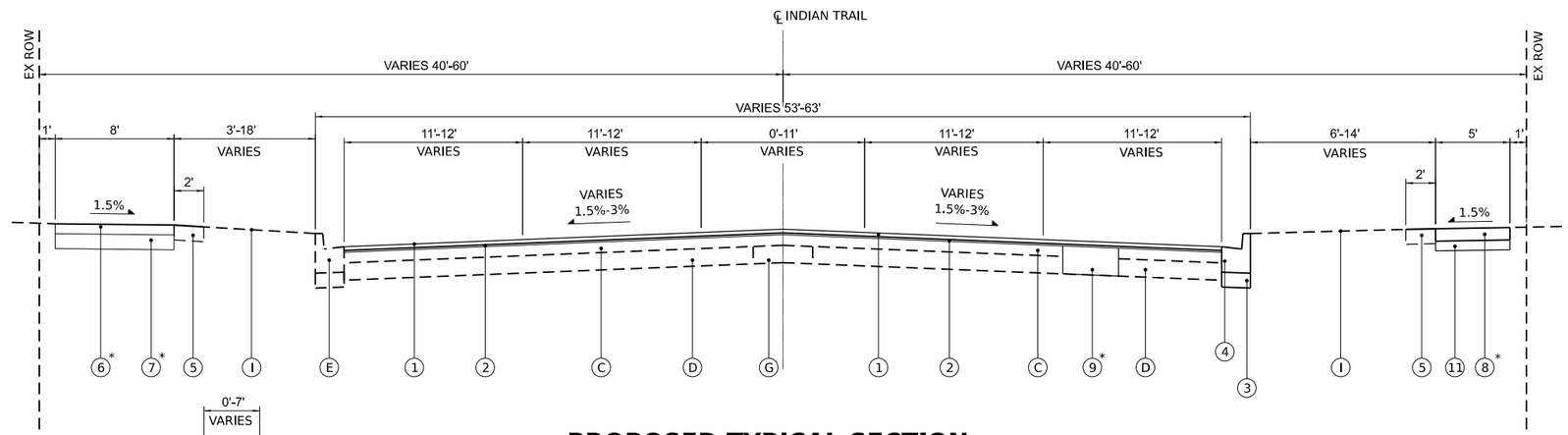
OMIT BNSF RR: STA 83+17.02 TO STA 83+27.02

SIDEWALK ENDS APPROX STA 58+00 AT ELMWOOD DRIVE

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- (3) AGGREGATE BASE COURSE, TYPE B CA-7, 6"
  (INCLUDED IN THE COST OF THE CURB & GUTTER PAY ITEM)
- (4) COMBINATION CONCRETE CURB AND CUTTER REMOVAL AND REPLACEMENT
  (AS SHOWN ON PLANS AND DIRECTED BY THE RESIDENT ENGINEER)
- (5) PULVERIZED TOPSOIL 6", SODDING, SALT TOLERANT
- (6) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 4"
- (7) SUBBASE GRANULAR MATERIAL, TYPE B CA-6, 6"
- (8) PCC SIDEWALK, 5 INCH
- (9) CLASS D PATCHES, 12"
- (10) BASE COURSE WIDENING, 11"
- (11) SUBBASE GRANULAR MATERIAL, TYPE B CA-6, 4"

PATCHING SEQUENCE NOTE:
PATCHING SHALL OCCUR AFTER MILLING

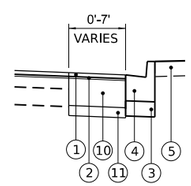


PROPOSED TYPICAL SECTION

STA 2+85.00 TO STA 85+86.00

OMIT BNSF RR: STA 83+17.02 TO STA 83+27.02

* LOCATIONS NOTED ON PLANS
AND AS DIRECTED BY THE ENGINEER



RADIUS IMPROVEMENTS

VARIOUS LOCATIONS, SEE ROADWAY PLANS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ N_{ini}	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	4% @ 70 GYRATION	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYRATION	LR 1030-2
PAVEMENT WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	4% @ 70 GYRATION	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYRATION	LR 1030-2
BASE COURSE WIDENING 11" (HMA BINDER IL-19.0)	4% @ 70 GYRATION	LR 1030-2
CLASS D PATCHES		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYRATION	LR 1030-2
MULTI-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 4" (IN 2 LIFTS)	4% @ 50 GYRATION	LR 1030-2
TEMPORARY SIDEWALK / TEMPORARY PAVEMENT VAR DEPTH		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 GYRATION	LR 1030-2

QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2

THE UNIT WEIGHT USED TO CALCULATE HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

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

LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE P HMA BC IL-4.75 N50.

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: 1"=5' | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	11
		CONTRACT NO. 61J91		
		ILLINOIS	FED. AID PROJECT	

1 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"

DESCRIPTION	FROM STATION	TO STATION	FROM OFFSET	TO OFFSET	LEFT OR RIGHT	44000159 HMA SURFACE REMOVAL AREA (sq ft)	AREA (sq yd)
W INDIAN TRAIL							
WEST OF RAILROAD	02+85.00	83+17.00	24-30'	24-30'	LT/RT	453834.4	50346.1
EAST OF RAILROAD	83+27.00	85+86.00	29'	29'	LT/RT	62.7	7.0
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"						50,354

2 LONGITUDINAL JOINT SEALANT

DESCRIPTION	FROM STATION	TO STATION	LEFT OR RIGHT	Number of Lifts	40600370 LONGITUDINAL JOINT SEALANT Length (foot)
Mainline WB	02+85.00	85+86.00	LT	2	16602.0
Mainline EB	02+85.00	85+86.00	RT	2	16602.0
Mainline Median EB	02+85.00	85+86.00	RT	2	16602.0
Mainline Median WB	02+85.00	12+84.26	LT	2	1998.5
Mainline Median WB 2	17+45.05	85+86.00	LT	2	13681.9
North Approach Edgelawn Left	104+45.05	105+20.30	LT	2	150.5
North Approach Edgelawn Center	104+45.05	105+20.30	RT	2	150.5
South Approach Edgelawn Center	103+36.52	103+85.26	LT	2	97.5
South Approach Edgelawn Right	103+36.52	103+85.26	RT	2	97.5
North Approach Randall Left	302+07.60	303+02.01	LT	2	188.8
North Approach Randall Center	302+07.66	303+02.01	RT	2	188.7
South Approach Randall Center	302+22.27	302+85.37	LT	2	126.2
South Approach Randall Right	302+22.27	302+85.37	RT	2	126.2
North Approach Elmwood Center	503+03.54	503+73.64	RT	2	140.2
North Approach Elmwood Left	503+03.54	503+73.63	LT	2	140.2
South Approach Elmwood Right	501+75.48	502+48.04	RT	2	145.1
South Approach Elmwood Center	501+75.48	502+48.04	LT	2	145.1
North Approach Highland Center	803+12.28	804+11.52	RT	2	198.5
North Approach Highland Left	803+12.28	804+11.52	LT	2	198.5
South Approach Highland Right	801+52.99	802+54.72	RT	2	203.5
South Approach Highland Center	801+52.99	802+54.72	LT	2	203.5
LONGITUDINAL JOINT SEALANT					67,987

3 PAVEMENT WIDENING

LOCATION	311012000 SUBBASE GRANULAR MATERIAL, TYPE B 4" AREA (sq yd)	35650510 BASE COURSE WIDENING 11" AREA (sq yd)	44000100 PAVEMENT REMOVAL AREA (sq yd)
INTERSECTION WIDENING			
INDIAN TRAIL & EDGELAWN NORTHEAST CORNER	39.1	39.1	12.8
INDIAN TRAIL & RANDALL SOUTHWEST CORNER	15.4	15.4	6.1
INDIAN TRAIL & RANDALL NORTHEAST CORNER	55.5	55.5	15.1
INDIAN TRAIL & ELMWOOD SOUTHWEST CORNER	22.7	22.7	9.4
INDIAN TRAIL & HIGHLAND SOUTHWEST CORNER	42.6	42.6	14.3
INDIAN TRAIL & HIGHLAND NORTHEAST CORNER	42.4	42.4	14.1
INDIAN TRAIL & GOLDEN OAKS PKWY SOUTH MEDIAN			31.7
INDIAN TRAIL & GOLDEN OAKS PKWY NORTH MEDIAN			48.3
TOTALS	218	218	72

4 TEMPORARY PAVEMENT MARKINGS

FROM STATION	TO STATION	OFFSET	LEFT OR RIGHT	DESCRIPTION	70307120 4" YELLOW (ft)	4" WHITE (ft)
HIGHLAND AVE						
801+40.92	802+29.94	4.8	LT	DOUBLE CENTERLINE	178.0	
See Short Term PMK (Schedule 5)					3024.0	4829.0
TOTALS					3,203	4,829

5 SHORT TERM PAVEMENT MARKING

FROM STATION	TO STATION	LEFT OR RIGHT	DESCRIPTION	70300101 4" YELLOW (ft)	4" WHITE (ft)
02+85.00	85+86.00	LT	DBL SKIP-DASH CENTERLINE (4"+4")	1512	
02+85.00	85+86.00	RT	DBL SKIP-DASH CENTERLINE (4"+4")	1512	
02+85.00	85+86.00	LT	SKIP-DASH CENTERLINE (4"+4")		756
02+85.00	85+86.00	RT	SKIP-DASH CENTERLINE (4"+4")		756
Varies		Varies	LEFT ONLY LETTERS & ARROWS		2357
81+00.00	84+00.00		R.R. CROSSING		904
83+00.00	83+25.00		R.R. CROSSING STOP BAR		56
TOTALS				3,024	4,829

6 TREE REMOVAL, PROTECTION, AND PRUNING

STATION	OFFSET	LEFT OR RIGHT	20100210 TREE REMOVAL (OVER 15 UNIT DIAMETER) (unit)	20101100 TREE TRUNK PROTECTION (each)	20101200 TREE ROOT PRUNING (each)	20101350 TREE PRUNING (OVER 10 INCH DIAMETER) (each)
04+81.85	37.9	RT		1	1	
05+41.45	36.4	RT		1	1	
18+44.17	36.9	RT		1	1	
18+86.82	36.9	RT		1	1	
26+94.11	35.8	LT		1	1	
27+46.27	40.3	LT		1	1	
53+20.00	37.0	LT		1	1	
54+40.00	37.0	LT		1	1	
55+00.00	37.0	LT		1	1	
56+12.00	35.0	LT		1	1	
62+00.00	42.0	LT			1	
63+00.00	42.0	LT			1	
67+09.00	42.0	LT			1	
68+90.00	42.0	LT			1	
68+95.00	42.0	LT			1	
69+23.00	42.0	LT			1	
71+40.00	42.0	LT			1	
20+02.05	41.5	RT	30			
58+60.34	60.4	LT				1
58+75.28	55.6	RT				1
TOTALS			30	10	17	2

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

DESCRIPTION	FROM STATION	TO STATION	LENGTH	WIDTH	AREA (sq ft)	AREA (sq yd)	DEPTH (in)	VOLUME (ton)
EDGELAWN DR INTERSECTION @ INDIAN TRAIL	02+85.00	04+38.20	153.2		15903.7	1767.1	1.00	97.19
INDIAN TRAIL	04+38.20	18+95.76	1457.6	24'-29'	79398.3	8822.0	1.00	485.21
TIMBERLAKE DR INTERSECTION @ INDIAN TRAIL	18+95.76	20+05.46	109.7		8526.7	947.4	1.00	52.11
INDIAN TRAIL	20+05.46	29+18.14	912.7	29'	53847.9	5983.1	1.00	329.07
RANDALL ROAD INTERSECTION @ INDIAN TRAIL	29+18.14	30+68.20	150.1		17301.9	1922.4	1.00	105.73
INDIAN TRAIL	30+68.20	50+30.77	1962.6	29'	115791.3	12865.7	1.00	707.61
GOLDEN OAKS PKWY INTERSECTION @ INDIAN TRAIL	50+30.77	51+92.45	161.7		16882.1	1795.8	1.00	98.77
INDIAN TRAIL	51+92.45	57+60.80	568.4	28'-29'	33064.5	3673.8	1.00	202.06
ELMWOOD DR INTERSECTION @ INDIAN TRAIL	57+60.80	58+76.28	115.5		12625.4	1402.8	1.00	77.16
INDIAN TRAIL	58+76.28	67+53.59	877.3	24'-28'	46092.8	5121.4	1.00	281.68
MORTON AVE INTERSECTION @ INDIAN TRAIL	67+53.59	68+57.56	104.0		7342.4	815.8	1.00	44.87
INDIAN TRAIL	68+57.56	73+67.42	509.9	28'	28552.6	3172.5	1.00	174.49
NANTUCKET RD INTERSECTION @ INDIAN TRAIL	73+67.42	74+56.98	89.6		6839.0	759.9	1.00	41.79
INDIAN TRAIL WEST OF RAILROAD CROSSING	74+56.98	83+17.00	860.0	28'	46814.9	5201.7	1.00	286.09
INDIAN TRAIL EAST OF RAILROAD CROSSING	83+27.00	84+58.12	131.1	29'	7539.6	837.7	1.00	46.08
HIGHLAND AVE INTERSECTION @ INDIAN TRAIL	84+58.12	85+86.00	127.9		16047.0	1783.0	1.00	98.07
40603200	TOTAL POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50							3,128

8 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

DESCRIPTION	FROM STATION	TO STATION	LENGTH	WIDTH	AREA (sq ft)	AREA (sq yd)	DEPTH (in)	VOLUME (ton)
EDGELAWN DR INTERSECTION @ INDIAN TRAIL	02+85.00	04+38.20	153.2		15903.7	1767.1	1.5	148.43
INDIAN TRAIL	04+38.20	18+95.76	1457.6	24'-29'	79398.3	8822.0	1.5	741.05
TIMBERLAKE DR INTERSECTION @ INDIAN TRAIL	18+95.76	20+05.46	109.7		8526.7	947.4	1.5	79.58
INDIAN TRAIL	20+05.46	29+18.14	912.7	29'	53847.9	5983.1	1.5	502.58
RANDALL ROAD INTERSECTION @ INDIAN TRAIL	29+18.14	30+68.20	150.1		17301.9	1922.4	1.5	161.48
INDIAN TRAIL	30+68.20	50+30.77	1962.6	29'	115791.3	12865.7	1.5	1080.72
GOLDEN OAKS PKWY INTERSECTION @ INDIAN TRAIL	50+30.77	51+92.45	161.7		16882.1	1795.8	1.5	150.85
INDIAN TRAIL	51+92.45	57+60.80	568.4	28'-29'	33064.5	3673.8	1.5	308.60
ELMWOOD DR INTERSECTION @ INDIAN TRAIL	57+60.80	58+76.28	115.5		12625.4	1402.8	1.5	117.84
INDIAN TRAIL	58+76.28	67+53.59	877.3	24'-28'	46092.8	5121.4	1.5	430.20
MORTON AVE INTERSECTION @ INDIAN TRAIL	67+53.59	68+57.56	104.0		7342.4	815.8	1.5	68.53
INDIAN TRAIL	68+57.56	73+67.42	509.9	28'	28552.6	3172.5	1.5	266.49
NANTUCKET RD INTERSECTION @ INDIAN TRAIL	73+67.42	74+56.98	89.6		6839.0	759.9	1.5	63.83
INDIAN TRAIL WEST OF RAILROAD CROSSING	74+56.98	83+17.00	860.0	28'	46814.9	5201.7	1.5	436.94
INDIAN TRAIL EAST OF RAILROAD CROSSING	83+27.00	84+58.12	131.1	29'	7539.6	837.7	1.5	70.37
HIGHLAND AVE INTERSECTION @ INDIAN TRAIL	84+58.12	85+86.00	127.9		16047.0	1783.0	1.5	149.77
40604062	TOTAL HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70							4,778

9 GROOVING FOR RECESSED PAVEMENT MARKING

FROM STATION	TO STATION	OFFSET	LEFT OR RIGHT	DESCRIPTION	78011025 5" YELLOW (ft)	5" WHITE (ft)	78011035 7" WHITE (ft)	78011065 13" WHITE (ft)	13" YELLOW (ft)	78011125 25" WHITE (ft)	78011000 LETTERS AND SYMBOLS (sq ft)
TOTAL FROM SCHEDULE 20 THERMOPLASTIC PAVEMENT MARKING					23,571	3,610	5,221	1,892	1,168	833	1,258
TOTALS					27,181		5,221	3,060		833	1,259

MODEL: $MODELNAMES
FILE NAME: $FILEL$

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Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - CN	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	12

CONTRACT NO. 61J91

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10 BITUMINOUS MATERIALS (PRIME COAT)

DESCRIPTION	AREA (sq ft)	WEIGHT (lb)
SUBTOTAL AREA FROM PAVEMENT WIDENING (SEE SCHEDULE 3)	1936.5	484.1
SUBTOTAL AREA FROM PATH RECONSTRUCTION (SEE SIDEWALK AND ADA SCHEDULE 24)	23031.0	5757.8
40600275	**TOTAL PRIME COAT**	**6,242**

11 BITUMINOUS MATERIALS (TACK COAT)

DESCRIPTION	AREA (sq ft)	WEIGHT (lb)
SUBTOTAL AREA FROM POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (SEE SCHEDULE 7)	512570.1	25628.5
SUBTOTAL AREA FROM PAVEMENT WIDENING (SEE SCHEDULE 3)	645.5	16.1
SUBTOTAL AREA FROM HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (SEE SCHEDULE 24)	23031.0	575.8
SUBTOTAL AREA FROM HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (SEE SCHEDULE 8)	512570.1	12814.3
40600290	**TOTAL TACK COAT**	**39,035**

12 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

DESCRIPTION	FROM STATION	TO STATION	FROM OFFSET	TO OFFSET	LEFT OR RIGHT	40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT AREA (sq ft)	AREA (sq yd)
INDIAN TRAIL AND EDGELAWN DR							
NORTH APRROACH	03+50.03	03+87.00	105.47'	75.28'	LT	1078.2	119.8
WEST APPROACH	02+85.00	03+14.72	29.50'	31.96'		1805.6	200.6
SOUTH APPROACH	03+49.82	03+85.82	78.24'	48.57'	RT	1285.5	142.8
INDIAN TRAIL AND TIMBERLAKE DR							
SOUTH APPROACH	19+26.91	19+74.06	66.04'	51.06'	RT	630.3	70.0
INDIAN TRAIL AND RANDALL RD							
NORTH APPROACH	29+83.04	30+19.86	124.27'	92.01'	LT	1104.8	122.8
SOUTH APPROACH	29+67.88	30+09.96	92.36'	63.18'	RT	1143.9	127.1
INDIAN TRAIL AND GOLDEN OAKS PKWY							
NORTH APPROACH	50+74.85	50+98.58	95.28'	80.19'	LT	356.8	39.6
NORTH APPROACH	51+27.45	51+51.44	95.14'	79.99'	LT	360.2	40.0
SOUTH APPROACH	50+73.49	50+97.71	68.28'	53.39'	RT	390.2	43.4
SOUTH APPROACH	51+26.93	51+50.51	68.49'	53.58'	RT	356.5	39.6
INDIAN TRAIL AND ELMWOOD DR							
NORTH APPROACH	58+01.44	58+35.58	98.27'	82.93'	LT	514.1	57.1
SOUTH APPROACH	58+00.93	58+34.36	100.11'	85.21'	RT	500.7	55.6
INDIAN TRAIL AND MORTON AVE							
NORTH APPROACH	67+85.51	68+14.53	61.12'	48.01'	LT	477.2	53.0
W INDIAN TRAIL TO NANTUCKET RD							
NORTH APPROACH	73+81.48	74+19.65	70.04'	55.73'	LT	596.3	66.3
W INDIAN TRAIL TO HIGHLAND AVE							
NORTH APPROACH	85+11.87	85+44.64	131.60'	94.36'	LT	1023.1	113.7
EAST APPROACH	85+55.91	85+86.00	30.60'	29.04'		1771.2	196.8
SOUTH APPROACH	85+00.50	85+34.33	130.31'	100.42'	RT	1017.0	113.0
40600982	**TOTAL HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT**						**1,602**

13 MEDIAN AND CURB AND GUTTER

DESCRIPTION	FROM STATION	TO STATION	FROM OFFSET	TO OFFSET	LEFT OR RIGHT	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 LENGTH (ft)	44000500 COMBINATION CURB AND GUTTER REMOVAL LENGTH (ft)	X4400221 CURB REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET LENGTH (ft)	X4400223 CURB REMOVAL AND REPLACEMENT GREATER THAN 10 FEET LENGTH (ft)	44003100 MEDIAN REMOVAL AREA (sq ft)	60619600 CONCRETE MEDIAN, TYPE SB-6.12 AREA (sq ft)
NW QUAD INDIAN TRAIL @ EDGELAWN DR	03+18.30	03+40.57	34.37	53.40	LT	29.8	29.8				
NE QUAD INDIAN TRAIL @ EDGELAWN DR	04+38.20	105+20.24	30.73	18.91' RT	LT	100.7	104.3				
SW QUAD INDIAN TRAIL @ TIMBERLAKE DR	19+19.09	19+24.25	41.58	50.95	RT	10.8	10.8				
SW QUAD INDIAN TRAIL @ TIMBERLAKE DR	19+75.43	19+93.82	55.23	33.17	RT	30.0	30.0				
SW QUAD INDIAN TRAIL @ RANDALL RD	28+94.30	302+22.27	30.85	23.83' LT	RT	113.1	107.0				
NW CORNER INDIAN TRAIL @ RANDALL RD	29+26.40	29+75.68	30.84	63.46	LT	63.5	63.5				
SE QUAD INDIAN TRAIL @ RANDALL RD	30+18.18	30+52.41	51.10	31.41	RT	40.7	40.7				
NE QUAD INDIAN TRAIL @ RANDALL RD	30+68.20	303+01.66	30.67	19.16' RT	LT	115.4	120.3				
APARTMENT ENTRANCE 1 W	34+89.92	35+02.39	39.11	48.17	RT	14.1	14.1				
APARTMENT ENTRANCE 1 MEDIAN W	35+16.22	35+21.36	39.56	47.73	RT	9.9	9.9				
APARTMENT ENTRANCE 1 MEDIAN E	35+32.49	35+36.88	45.32	41.31	RT	9.7	9.7				
APARTMENT ENTRANCE 2 W	42+31.66	42+55.10	34.03	48.94	RT	24.0	24.0				
INDIAN TRAIL WB LANE	33+70.24	33+76.87	31.58	31.58	LT	6.6	6.6				
INDIAN TRAIL WB LANE	37+45.47	37+75.60	31.00	31.00	LT	30.1	30.1				
INDIAN TRAIL EB LANE	46+03.45	46+17.96	31.46	31.46	RT	14.5	14.5				
SW QUAD INDIAN TRAIL @ GOLDEN OAKS PKWY	50+53.69	50+66.53	37.43	50.63	RT	18.4	18.4				
NW QUAD INDIAN TRAIL @ GOLDEN OAKS PKWY	50+63.31	50+73.53	38.25	57.46	LT	22.2	22.2				
SE QUAD INDIAN TRAIL @ GOLDEN OAKS PKWY	51+55.28	51+64.24	46.87	36.68	RT	13.7	13.7				
NE QUAD INDIAN TRAIL @ GOLDEN OAKS PKWY	51+55.50	51+66.34	55.70	40.67	LT	18.7	18.7				
GOLDEN OAKS PKWY SOUTH MEDIAN	50+98.77	51+26.13	59.42	59.52	RT	61.5	44.3				
GOLDEN OAKS PKWY NORTH MEDIAN	50+99.54	51+26.74	65.35	65.25	LT	73.2	44.9				
INDIAN TRAIL EB LANE	56+51.28	56+66.00	29.99	29.99	RT	14.7	14.7				
INDIAN TRAIL WB LANE	56+54.86	56+68.39	29.91	29.91	LT	13.5	13.5				
SW QUAD INDIAN TRAIL @ ELMWOOD DR	57+60.80	501+78.23	29.31	17.57' LT	RT	74.7	76.7				
NW QUAD INDIAN TRAIL @ ELMWOOD DR	57+83.82	57+95.97	32.83	45.05	LT	17.4	17.4				
SE QUAD INDIAN TRAIL @ ELMWOOD DR	58+39.03	58+54.81	52.23	35.29	RT	23.5	23.5				
NE QUAD INDIAN TRAIL @ ELMWOOD DR	58+41.59	58+60.03	50.22	32.67	LT	25.9	25.9				
NW QUAD INDIAN TRAIL @ MORTON AVE	67+64.04	67+80.88	30.82	44.71	LT	22.3	22.3				
NE QUAD INDIAN TRAIL @ MORTON AVE	68+21.74	68+40.25	46.37	31.95	LT	23.8	23.8				
NW QUAD INDIAN TRAIL @ NANTUCKET RD	73+75.76	73+78.87	33.22	49.15	LT	18.3	18.3				
NE QUAD INDIAN TRAIL @ NANTUCKET RD	74+20.17	74+86.05	70.61	29.53	LT	91.1	91.1				
NE QUAD INDIAN TRAIL @ EDGELAWN DR	74+37.25	74+43.16	4.45	4.43	LT					31.8	31.8
MEDIAN INDIAN TRAIL @ NANTUCKET RD	74+38.50	74+44.04	4.92	4.94	LT	5.5	5.5				
INDIAN TRAIL EB LANE @ NANTUCKET RD	74+41.19	74+53.19	29.06	29.10	RT	12.0	12.0				
MEDIAN INDIAN TRAIL @ NANTUCKET RD	74+48.57	74+53.74	3.97	4.13	RT	5.2	5.2				
MEDIAN INDIAN TRAIL @ NANTUCKET RD	74+48.96	74+53.63	5.16	5.12	RT	4.7	4.7				
SW QUAD INDIAN TRAIL @ RANDALL RD	74+50.16	74+53.63	4.43	4.42	LT	5.0	5.0			29.5	29.5
INDIAN TRAIL @ BNSF RAILROAD	83+07.02	83+17.02	28.5	28.5	LT	10.0	10.0				
INDIAN TRAIL @ BNSF RAILROAD	83+07.02	83+17.02	28.5	28.5	RT	10.0	10.0				
INDIAN TRAIL @ BNSF RAILROAD	83+37.02	83+27.02	28.5	28.5	LT	10.0	10.0				
INDIAN TRAIL @ BNSF RAILROAD	83+37.02	83+27.02	28.5	28.5	RT	10.0	10.0				
SW QUAD INDIAN TRAIL @ HIGHLAND AVE	84+59.68	801+53.08	29.61	17.70' LT	RT	112.0	115.6				
HIGHLAND AVE - NW CORNER	84+79.44	84+95.43	35.22	52.06	LT	23.5	23.5				
NE QUAD INDIAN TRAIL @ HIGHLAND AVE	85+69.47	804+11.53	29.91	18.50' RT	LT	109.2	115.0				
CONTINGENCY QUANTITY								100.0	100.0		
TOTALS						**1,464**	**1,432**	**100**	**100**	**62**	**62**

MODEL: $MODELNAME$
FILE NAME: $FILE$

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Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - CN	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	13

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

14 CLASS D PATCHES

DESCRIPTION	FROM STATION	TO STATION	FROM OFFSET	TO OFFSET	LEFT OR RIGHT	AREA (sq ft)	44201785 TYPE I, 12 INCH AREA (sq yd)	44201789 TYPE II, 12 INCH AREA (sq yd)	44201794 TYPE III, 12 INCH AREA (sq yd)	44201796 TYPE IV, 12 INCH AREA (sq yd)
PAVEMENT PATCHING										
NW QUAD INDIAN TRAIL @ EDGELAWN DR	03+20.25	03+44.99	29.77	50.68	LT	126.4		14.0		
INDIAN TRAIL EB LANE	21+47.04	22+22.04	17.50	17.50	RT	900.0				100.0
INDIAN TRAIL WB LANE @ RANDALL RD	30+59.59	31+09.61	5.03	5.06	RT	1725.6				191.7
INDIAN TRAIL WB LANE	33+70.24	33+76.87	27.50	27.50	LT	13.3	1.5			
APARTMENT ENTRANCE WEST	34+92.49	35+04.92	37.77	45.75	RT	29.6	3.3			
APARTMENT ENTRANCE EAST	42+32.45	42+58.22	32.45	46.39	RT	111.6		12.4		
SE QUAD INDIAN TRAIL @ ELMWOOD DR	58+34.29	58+52.07	49.92	30.72	RT	101.5		11.3		
NW QUAD INDIAN TRAIL @ NANTUCKET RD	73+78.09	73+83.74	28.26	48.75	LT	81.6		9.1		
CONTINGENCY						2840.0	31.6	47.3	142.0	94.7
TOTAL CLASS D PATCHES, 12 INCH							37	95	142	387

15 DRIVEWAY SCHEDULE

DESCRIPTION	FROM STATION	TO STATION	FROM OFFSET	TO OFFSET	LEFT OR RIGHT	X4400080 DRIVEWAY REMOVAL AND REPLACEMENT AREA (sq ft)	X4400080 DRIVEWAY REMOVAL AND REPLACEMENT AREA (sq yd)	44000200 DRIVEWAY PAVEMENT REMOVAL AREA (sq yd)
WATER TOWER DRIVEWAY WB LANE INDIAN TRAIL	37+52.21	37+69.03	31.58'	41.87'	LT	195.3	21.7	
NE QUAD INDIAN TRAIL @ NANTUCKET RD	74+20.98	74+34.27	43.36'	72.12'	LT	320.6		35.6
	TOTAL						22	36

16 REMOVE EXISTING RIPRAP

DESCRIPTION	FROM STATION	TO STATION	FROM OFFSET	TO OFFSET	LEFT OR RIGHT	AREA (sq ft)	AREA (sq yd)
NE QUAD RANDALL ROAD @ INDIAN TRAIL	302+30.77	302+85.75	19.61	37.53	RT	232.6	25.8
SW QUAD HIGHLAND AVE @ INDIAN TRAIL	84+73.77	84+83.02	34.56	41.11	RT	27.2	3.0
SW QUAD HIGHLAND AVE @ INDIAN TRAIL	84+92.76	84+98.46	48.77	84.93	RT	50.9	5.7
X2810844	TOTAL EXISTING RIPRAP REMOVAL						26

17 PROTECTIVE COAT

DESCRIPTION	LENGTH (ft)	AREA (sq ft)	AREA (sq yd)
SUBTOTAL AREA FROM PCC SIDEWALK, 5" (SEE SCHEDULE 24)		8597	955
SUBTOTAL AREA FROM CONCRETE MEDIAN, TYPE SB-6.12 (SEE SCHEDULE 14)		62	7
42001300 TOTAL PROTECTIVE COAT			963

18 SIGNS

DESCRIPTION	STATION	OFFSET	LEFT OR RIGHT	X2600011 REMOVE AND RELOCATE SIGN PANEL EACH	72000100 SIGN PANEL - TYPE 1 SQ FT	72900100 METAL POST - TYPE A FT
EDGELAWN AVE						
BIKE TRAIL	03+40.33	61.84	RT	2	0	0
BIKE TRAIL	04+02.07	59.95	LT	1	0	0
PACE BUS STOP SIGN	04+47.05	34.23	LT	1	0	12
PACE BUS STOP SIGN	05+23.37	34.22	RT	1	0	12
TIMBERLAKE DR						
PACE BUS STOP SIGN	18+80.50	33.50	RT	1	0	12
RANDALL RD						
HOSPITAL	30+19.90	58.21	RT	2	0	0
GOLDEN OAKS PKWY						
STREET NAMES	51+73.87	44.20	LT	2	0	12
NANTUCKET RD						
PED CROSSING, COLLAPSIBLE STOP SIGN	74+58.55	39.92	LT	2	0	12
PED CROSSING, COLLAPSIBLE STOP SIGN	74+04.52	32.70	RT	2	0	0
MEDIAN	74+37.10	2.69	LT	1	0	12
RED OBJECT MARKER	74+14.10	34.11	RT	1	0	12
DEAD END	74+17.80	34.16	RT	1	0	12
RED OBJECT MARKER	74+23.14	34.03	RT	1	0	12
HIGHLAND AVE						
RAILROAD AHEAD	84+42.13	34.78	LT	0	8	12
PARALLEL RAILROAD ADVANCE WARNING	801+10.15	21.39	RT	0	8	12
PARALLEL RAILROAD ADVANCE WARNING	804+33.32	21.57	LT	0	8	12
TOTALS				18	24	144

ADDITIONAL MAST ARM MOUNTED SIGNS FOR STREET NAMES, FLASHING YELLOW ARROW, AND TRAFFIC SIGNAL RELATED YIELD TO PEDESTRIAN, AND CAUTION WARNING TIME ARE INCLUDED WITH EACH SIGNALIZED INTERSECTION

19 EARTHWORK

LOCATION	20200100 EARTH EXCAVATION VOLUME (cu yd)	21101625 TOPSOIL FURNISH AND PLACE, 6" AREA (sq yd)	20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL VOLUME (cu yd)	20200500 EARTH EXCAVATION (WIDENING) VOLUME (cu yd)
INTERSECTION WIDENING				
NE Corner Edgelawn Ave at Indian Trail				23
SW Corner Randall Rd at Indian Trail				13
NW Corner Randall Rd at Indian Trail				18
SW Corner Elmwood Dr at Indian Trail				14
SW Corner Highland Ave at Indian Trail				29
NE Corner Highland Ave at Indian Trail				27
From Sidewalks, ADA Ramps and Bus Pads, Schedule 24	270		27	
From Sodding and Restoration, Schedule 23	318	1910	318	
TOTALS	588	1910	345	124

20 THERMOPLASTIC PAVEMENT MARKINGS

FROM STATION	TO STATION	OFFSET	LEFT OR RIGHT	DESCRIPTION	78000200 4" YELLOW (ft)	78000200 4" WHITE (ft)	78000400 6" WHITE (ft)	78000600 12" WHITE (ft)	78000600 12" YELLOW (ft)	78000650 24" WHITE (ft)	78000100 LETTERS AND SYMBOLS (sq ft)
				INDIAN TRAIL							
02+85.00	03+24.00	5.5	RT	SOLID LANE LINE			39.0				
02+85.00	03+24.00	5.5	LT	DOUBLE CENTERLINE	78.0						
02+85.00	03+24.00	17.5	LT	SKIP-DASH LANE LINE		10					
02+85.00	03+24.00	17.5	RT	SKIP-DASH LANE LINE		10					
03+22.19	03+24.19	5.25-34.4	LT/RT	STOP BAR						39.6	
03+26.49	03+34.84	38.1-40.9	LT/RT	WEST CROSSWALK (27 stripes, 6 ft long)			131.2	162			
03+31.13	04+04.01	38.4-49.7	LT	NORTH CROSSWALK (17 stripes, 11.5 ft long)				196			
03+37.12	04+00.86	41.9-48.4	RT	SOUTH CROSSWALK (22 stripes, 6 ft long)				132			
04+00.86	04+07.93	40.8-41.3	LT/RT	EAST CROSSWALK (28 stripes, 6 ft long)				168			
04+11.31	04+13.31	5.5-37.1	RT/LT	STOP BAR						42.6	
04+11.95	09+62.66	5.5	RT	DOUBLE CENTERLINE	1101.4						
04+12.71	09+64.77	17.7	RT	SKIP-DASH LANE LINE		140					
04+13.30	05+68.30	5.5	LT	SOLID LANE LINE			155.0				
04+13.63	29+39.93	12.2-17.5	LT	SKIP-DASH LANE LINE		640					
05+23.70	05+55.00	0		LEFT TURN ONLY							36.4
05+68.30	09+62.66	5.5	RT/LT	DOUBLE CENTERLINE	789.6						
05+68.30	07+23.30	5.5	LT	DOTTED LANE LINE EXTENSIONS			40.0				
06+44.30	09+66.56	5.5-5.5	LT/RT	PAINTED MEDIAN (11 stripes, 17.5 ft long)					192.5		
09+62.66	09+68.16	5.5-5.5	LT/RT	DOUBLE CENTERLINE (END ARC)	34.6						
10+31.60	17+45.05	0-5.5	RT	DOUBLE CENTERLINE	1429.1						
10+31.60	11+28.26	5.5	LT	SOLID LANE LINE			96.7				
10+32.36	18+95.76	12.2-17.6	RT	SKIP-DASH LANE LINE		220					
10+87.85	11+19.15	0		LEFT TURN ONLY							36.4
11+28.26	12+83.26	0-5.5	LT	DOTTED LANE LINE EXTENSIONS			40.0				
17+45.05	19+02.35	0-5.5	LT	DOUBLE CENTERLINE	314.8						
17+45.05	19+02.35	0-5.5	RT	DOUBLE CENTERLINE	314.8						
17+77.51	19+05.33	5.5-5.5	LT/RT	PAINTED MEDIAN (6 stripes, 16.5 ft long)					99.0		
19+02.35	19+07.85	5.5-5.5	LT/RT	DOUBLE CENTERLINE (END ARC)	34.6						
19+21.79	19+79.34	43.5-49.5	LT/RT	SOUTH CROSSWALK			108.9				
19+83.89	19+90.98	27.6-36.5	RT	EAST CROSSWALK (22 stripes, 6 ft long)				132			
20+00.15	22+60.15	5.25-5.5	RT	DOUBLE CENTERLINE	520.0						
20+00.15	21+05.15	5.5	LT	SOLID LANE LINE			105.0				
20+16.33	29+34.22	17.5	RT	SKIP-DASH LANE LINE		230					
20+63.19	20+94.50	0		LEFT TURN ONLY							36.4
21+05.15	22+60.15	5.5	LT	DOTTED LANE LINE EXTENSIONS			40.0				
21+10.15	22+60.15	5.5-5.5	RT/LT	DOUBLE CENTERLINE	310.7						
21+32.69	22+38.45	3.1-5.5	LT/RT	PAINTED MEDIAN (4 stripes, 14 ft long)					56.0		
22+60.15	26+10.00	5.5	LT	2 WAY LEFT TURN LANE CENTERLINE	437.9						
22+60.15	26+10.00	5.5	RT	2 WAY LEFT TURN LANE CENTERLINE	437.9						
22+82.37	23+01.10	0		2 LEFT ARROWS							31.2
25+31.39	25+50.14	0		2 LEFT ARROWS							31.2
26+09.02	27+40.92	4.8-5.5	RT/LT	PAINTED MEDIAN (5 stripes, 15 ft long)					75.0		
26+10.00	27+79.00	5.5-5.5	RT/LT	DOUBLE CENTERLINE	338.8						
26+10.00	29+31.72	5.5	LT	DOUBLE CENTERLINE	642.6						
26+10.10	27+79.00	5.5	RT	DOTTED LANE LINE EXTENSIONS			44.0				
27+79.00	29+34.00	5.5	RT	SOLID LANE LINE			155.0				
27+98.91	28+30.22	0		LEFT TURN ONLY							36.4
29+33.26	29+35.26	4.4-31.9	LT/RT	STOP BAR						36.3	
29+38.31	29+44.31	31.76-36.9	LT/RT	WEST CROSSWALK			132.6				
29+46.56	30+28.29	38.4-45.2	RT	SOUTH CROSSWALK			149.3				
29+62.83	30+37.59	42.3-50.7	LT	NORTH CROSSWALK (17 stripes, 11.5 ft long)			136.3	196			
30+34.32	30+36.32	4.7-31.4	RT/LT	STOP BAR						36.1	
30+45.04	30+51.04	31.3-36.5	RT/LT	EAST CROSSWALK			130.0				
30+53.86	33+51.00	5.5-5.5	RT/LT	DOUBLE CENTERLINE	595.7						
30+57.00	31+82.00	5.5	LT	SOLID LANE LINE			125.0				
30+58.62	42+58.52	17.5	RT	SKIP-DASH LANE LINE		300					
30+68.20	50+60.54	17.5	LT	SKIP-DASH LANE LINE		500					
31+40.29	31+71.60	0		LEFT TURN ONLY							36.4
31+82.00	32+68.00	5.5	LT	DOTTED LANE LINE EXTENSIONS			22.0				
31+82.00	32+68.00	5.5	RT	DOTTED LANE LINE EXTENSIONS			22.0				
32+68.00	33+51.00	5.5	RT	SOLID LANE LINE			83.0				
32+77.29	33+08.59	0		LEFT TURN ONLY							36.4
34+08.55	34+27.18	5.5-5.5	LT/RT	DOUBLE CENTERLINE (END ARC)	48.2						
34+10.06	42+12.14	5.5	LT	DOUBLE CENTERLINE	1659.4						
34+14.81	41+90.74	5.5-5.5	LT/RT	PAINTED MEDIAN (13 stripes, 14 ft long)					182.0		
34+27.18	42+41.36	5.5	RT	DOUBLE CENTERLINE	1105.1						
39+86.38	41+21.45	5.5	LT	DOTTED LANE LINE EXTENSIONS			18.0				
39+86.38	41+21.45	5.5-5.5	LT/RT	DOUBLE CENTERLINE	271.0						
41+31.45	41+62.75	0		LEFT TURN ONLY							36.4
41+21.45	42+41.36	5.5	RT	SOLID LANE LINE			120.0				
43+51.00	44+75.00	5.5	LT	SOLID LANE LINE			125.0				

20 THERMOPLASTIC PAVEMENT MARKINGS

FROM STATION	TO STATION	OFFSET	LEFT OR RIGHT	DESCRIPTION	78000200 4" YELLOW (ft)	78000200 4" WHITE (ft)	78000400 6" WHITE (ft)	78000600 12" WHITE (ft)	78000600 12" YELLOW (ft)	78000650 24" WHITE (ft)	78000100 LETTERS AND SYMBOLS (sq ft)
				INDIAN TRAIL							
43+51.31	49+30.00	5.5-5.5	RT/LT	DOUBLE CENTERLINE	1158.2						
44+34.97	44+66.28	0		LEFT TURN ONLY							36.4
44+76.00	50+55.00	5.5-5.5	RT/LT	DOUBLE CENTERLINE	1158.8						
44+76.00	46+31.00	5.5	LT	DOTTED LANE LINE EXTENSIONS			40.0				
45+19.73	49+04.17	5.5-5.5	LT/RT	PAINTED MEDIAN (9 stripes, 14 ft long)					126.0		
47+75.00	49+30.00	5.5	RT	DOTTED LANE LINE EXTENSIONS			40.0				
49+30.00	50+55.00	5.5	RT	SOLID LANE LINE			125.0				
49+40.35	49+71.66	0		LEFT TURN ONLY							36.4
50+58.22	51+59.94	38.5-45.1	RT	SOUTH CROSSWALK			185.2				
50+68.74	51+61.90	42.1-51.1	LT	NORTH CROSSWALK (22 stripes, 11.5 ft long)			165.1	196			
51+70.00	56+55.00	5.5-5.5	RT/LT	DOUBLE CENTERLINE	970.8						
51+70.00	52+95.00	5.5	LT	SOLID LANE LINE			125.0				
51+75.97	57+81.98	17.0-17.5	LT	SKIP-DASH LANE LINE		160					
51+82.26	57+78.52	17.0-17.6	RT	SKIP-DASH LANE LINE		150					
52+54.33	52+85.74	0		LEFT TURN ONLY							36.4
52+95.00	57+80.22	5.5-5.5	RT/LT	DOUBLE CENTERLINE	971.2						
52+95.00	54+50.00	5.5	LT	DOTTED LANE LINE EXTENSIONS			40.0				
53+50.41	56+20.72	5.5-5.5	LT/RT	PAINTED MEDIAN (6 stripes, 15.5 ft long)					93.0		
55+00.00	56+55.00	5.5	RT	DOTTED LANE LINE EXTENSIONS			40.0				
56+55.00	57+80.00	5.5	RT	SOLID LANE LINE			125.0				
56+63.49	56+94.79	0		LEFT TURN ONLY							36.4
57+78.69	57+80.69	5.2-33.7	LT/RT	STOP BAR						38.9	
57+84.09	57+91.38	35.3-36.9	RT/LT	WEST CROSSWALK			144.6				
57+90.04	58+44.31	39.8-46.7	RT	SOUTH CROSSWALK			103.8				
57+91.15	58+49.78	35.3-44.8	LT	NORTH CROSSWALK (14 stripes, 11.5 ft long)			106.1	161			
58+44.31	58+55.57	37.0-40.8	LT/RT	EAST CROSSWALK			148.4				
58+62.57	66+44.11	5.5-5.5	RT/LT	DOUBLE CENTERLINE	1564.3						
58+63.58	58+64.58	3.9-30.1	RT/LT	STOP BAR						34.0	
58+64.00	59+89.00	5.5	LT	SOLID LANE LINE			125.0				
58+64.55	67+78.92	12.2-17.0	LT	SKIP-DASH LANE LINE		230					
58+76.28	73+66.36	12.2-17.0	RT	SKIP-DASH LANE LINE		380					
59+47.94	59+79.24	0		LEFT TURN ONLY							36.4
59+88.52	67+69.11	5.5-5.5	RT/LT	DOUBLE CENTERLINE	1562.5						
59+89.00	61+04.41	5.5	LT	DOTTED LANE LINE EXTENSIONS			30.0				
60+29.26	61+88.15	4.5-4.6	RT/LT	PAINTED MEDIAN (4 stripes, 9 ft long)					36.0		
64+36.96	65+90.63	4.5-4.6	LT/RT	PAINTED MEDIAN (4 stripes, 9 ft long)					36.0		
65+16.75	66+41.75	5.5	RT	DOTTED LANE LINE EXTENSIONS			32.0				
66+44.11	67+69.11	5.5	RT	SOLID LANE LINE			125.0				
66+52.84	66+84.15	0		LEFT TURN ONLY							36.4
67+73.06	68+31.95	34.1-42.8	LT	NORTH CROSSWALK (13 stripes, 11.5 ft long)			101.0	150			
68+33.72	68+39.22	5.5-5.5	LT/RT	DOUBLE CENTERLINE (END ARC)	34.6						
68+39.22	72+42.00	5.5-5.5	RT/LT	DOUBLE CENTERLINE	806.1						
68+39.22	73+65.97	5.5	LT	DOUBLE CENTERLINE	1053.5						
68+39.81	71+93.68	5.5-5.5	LT/RT	PAINTED MEDIAN (8 stripes, 15 ft long)					120.0		
68+43.47	73+87.69	17.0	LT	SKIP-DASH LANE LINE		140					
70+87.00	72+42.00	5.5	RT	DOTTED LANE LINE EXTENSIONS			40.0				
72+42.00	73+67.00	5.5	RT	SOLID LANE LINE			125.0				
72+51.57	72+82.87	0		LEFT TURN ONLY							36.4
73+66.40	73+68.40	4.7-27.8	LT/RT	STOP BAR						32.5	
73+77.35	74+39.22	32.7-41.6	LT	NORTH CROSSWALK (15 stripes, 11.5 ft long)			99.9	173			
74+30.99	74+33.96	0.6-6.25	LT	SINGLE CENTERLINE (END ARC)	8.1						
74+32.71	74+43.15	0.6-4.25	LT/RT	SINGLE CENTERLINE	11.5						
74+33.96	75+80.27	6.25	LT	SINGLE CENTERLINE	146.3						
74+43.58	74+49.76	26.1-29.5	RT/LT	EAST CROSSWALK (15 stripes, 6 ft long)				90			
74+50.61	83+00.00	17.0	RT	SKIP-DASH LANE LINE		220					
74+50.67	75+80.24	5.5	RT	SINGLE CENTERLINE	129.6						
74+54.22	74+56.22	6.5-28.0	LT	STOP BAR						21.5	
74+56.98	84+74.72	16.5-17.4	LT	SKIP-DASH LANE LINE		260					
75+80.00	78+42.00	5.5-5.5	RT/LT	DOUBLE CENTERLINE	524.8						
75+80.27	79+67.00	5.5	LT	DOUBLE CENTERLINE	773.4						
75+81.69	77+83.05	5.5-5.5	LT/RT	PAINTED MEDIAN (5 stripes, 15.5 ft long)					77.5		
76+87.00	78+42.00	5.5	RT	DOTTED LANE LINE EXTENSIONS			40.0				
78+42.00	79+67.00	5.5	RT	SOLID LANE LINE			125.0				
78+52.46	78+83.75	0		LEFT TURN ONLY							36.4
80+59.49	80+65.03	5.5-5.5	LT/RT	DOUBLE CENTERLINE (END ARC)	34.8						
80+64.90	82+70.77	5.5-5.5	LT/RT	PAINTED MEDIAN (5 stripes, 15 ft long)					75.0		
80+65.03	83+17.04	5.5-5.5	RT/LT	DOUBLE CENTERLINE	504.9						
80+65.03	83+17.04	4.5-5.5	LT	DOUBLE CENTERLINE	504.0						
81+13.25	81+15.18	4.8-28.0	RT	RR CROSSING BAR						23.1	
81+28.72	81+42.21	6.8-26.0	RT	R.R. CROSSING							122.4
81+51.97	83+37.71	4.9-5.5	RT	DOTTED LANE LINE EXTENSIONS			48.0				

MODEL: $MODELNAMES
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - CN	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	15

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

20 THERMOPLASTIC PAVEMENT MARKINGS

FROM STATION	TO STATION	OFFSET	LEFT OR RIGHT	DESCRIPTION	78000200 4" YELLOW (ft)	78000200 4" WHITE (ft)	78000400 6" WHITE (ft)	78000600 12" WHITE (ft)	78000600 12" YELLOW (ft)	78000650 24" WHITE (ft)	78000100 LETTERS AND SYMBOLS (sq ft)
				INDIAN TRAIL							
81+63.07	81+65.04	4.8-28.0	RT	RR CROSSING BAR						23.1	
83+02.45	83+04.45	3.6-28.1	LT/RT	STOP BAR						31.8	
83+27.07	84+78.85	5.5	LT	DOUBLE CENTERLINE	303.6						
83+36.82	83+85.88	17.0	RT	SOLID LANE LINE			49.1				
83+37.71	83+85.64	5.5	RT	SOLID LANE LINE			47.9				
83+38.14	83+40.14	5.5-28.6	LT	STOP BAR						23.1	
83+47.32	83+78.61	0		LEFT TURN ONLY							36.4
83+75.53	83+77.50	5.8-28.8	LT	RR CROSSING BAR						23.1	
83+91.04	84+04.38	7.7-27.0	LT	R.R. CROSSING							122.4
84+18.11	84+79.06	17.0	RT	SOLID LANE LINE			61.0				
84+18.20	84+78.57	5.5	RT	SOLID LANE LINE			60.4				
84+25.39	84+27.36	5.8-28.8	LT	RR CROSSING BAR						23.1	
84+36.11	84+67.38	0		LEFT TURN ONLY							36.4
84+78.07	84+80.07	5.1-34.6	LT/RT	STOP BAR						39.7	
84+83.31	84+89.83	42.1-47.4	LT/RT	WEST CROSSWALK			165.7				
84+90.16	85+44.41	42.6-50.8	LT	NORTH CROSSWALK (12 stripes, 11.5 ft long)			99.3	138			
85+61.10	85+63.10	3.6-29.6	RT/LT	STOP BAR						33.3	
85+61.89	85+86.00	5.5	RT	DOUBLE CENTERLINE	48.2						
85+62.15	85+86.00	17.0	LT	SKIP-DASH LANE LINE		10					
85+62.61	85+86.00	5.5	LT	SOLID LANE LINE			23.4				
85+63.49	85+86.00	16.8	RT	SKIP-DASH LANE LINE		10					
				EDGELAWN DR							
103+36.52	103+62.67	5.5	LT	DOUBLE CENTERLINE	52.3						
103+36.52	103+62.57	6.5	RT	SOLID LANE LINE			26.1				
103+62.00	103+64.00	4.7-26.1	LT/RT	STOP BAR						30.9	
104+66.60	104+68.60	6.0-26.2	RT/LT	STOP BAR						32.2	
104+67.54	105+20.23	6	LT	SOLID LANE LINE			52.7				
104+67.54	105+20.23	6	RT	DOUBLE CENTERLINE	105.4						
				TIMBERLAKE DR							
200+82.00	200+84.00	5.4-23.9	RT	STOP BAR						18.5	
				RANDALL RD							
302+22.27	302+64.43	5.75	LT	DOUBLE CENTERLINE	84.4						
302+22.27	302+64.43	5.25	RT	SOLID LANE LINE			42.1				
302+63.55	302+65.55	5.1-25.8	LT/RT	STOP BAR						31.0	
302+32.80	302+34.80	5.1-23.8	RT/LT	STOP BAR						29.0	
302+34.99	303+02.01	5.5-6.0	LT	SOLID LANE LINE			52.7				
302+33.38	303+01.56	6	RT	DOUBLE CENTERLINE	105.4						
302+72.06	303+03.36	0		LEFT TURN ONLY							36.4
				GOLDEN OAKS PKWY							
401+34.15	401+36.15	13.4-40.3	RT	STOP BAR						27.0	
402+43.50	402+45.50	13.1-38.1	LT	STOP BAR						25.0	
				ELMWOOD DR							
501+78.23	502+24.19	5.0	LT	DOUBLE CENTERLINE	92.0						
501+78.23	502+24.19	5.5	RT	SOLID LANE LINE			46.0				
501+87.29	501+93.20	0		LEFT ARROW							15.6
502+22.85	502+24.85	4.1-19.8	LT/RT	STOP BAR						24.0	
503+24.00	503+26.00	4.7-19.3	RT/LT	STOP BAR						24.0	
503+25.43	503+73.63	5.0-5.5	LT	SOLID LANE LINE			48.2				
503+25.43	503+73.63	5.0-5.6	RT	DOUBLE CENTERLINE	96.4						
503+28.58	503+59.90	0		LEFT TURN ONLY							36.4
				MORTON AVE							
600+47.05	600+49.05	0.6-17.4	RT/LT	STOP BAR						18.0	
				NANTUCKET RD							
702+03.62	702+05.62	0.9-22.1	RT/LT	STOP BAR						23.1	
				HIGHLAND AVE							
801+52.99	802+30.03	5.0	LT	DOUBLE CENTERLINE	154.0						
801+53.08	802+29.81	5.75-6.5	RT	SOLID LANE LINE			76.7				
801+70.96	801+76.81	0		LEFT ARROW							15.6
802+29.05	802+31.05	4.4-20.6	LT/RT	STOP BAR						25.0	
803+36.98	803+38.98	4.9-18.1	RT/LT	STOP BAR						23.0	
803+37.91	804+11.53	5.8	RT	DOUBLE CENTERLINE			72.3				
803+39.04	804+11.53	5.5	LT	SOLID LANE LINE	147.4						
803+49.07	803+80.38	0		LEFT TURN ONLY							36.4
				TOTALS	**23,571**	**3,610**	**5,221**	**1,892**	**1,168**	**833**	**1,067**

21 UTILITIES TO BE ADJUSTED / RECONSTRUCTED

DESCRIPTION	STATION	OFFSET	LEFT OR RIGHT	60250200 CATCH BASINS TO BE ADJUSTED (each)	60257900 MANHOLES TO BE RECONSTRUCTED (each)	60260100 INLETS TO BE ADJUSTED (each)	60266600 VALVE BOXES TO BE ADJUSTED (each)	X6030310 FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (each)	X6026056 SANTIARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (each)	X8130130 JUNCTION BOX TO BE ADJUSTED (each)
INDIAN TRAIL WB LANE @ EDGELAWN DR	03+11.11	24.40	LT					1		
SW QUAD INDIAN TRAIL @ EDGELAWN DR	03+29.92	38.69	RT					1		
NW QUAD INDIAN TRAIL @ EDGELAWN DR	03+37.49	44.38	LT							1
SW QUAD INDIAN TRAIL @ EDGELAWN DR	03+38.77	43.38	RT							1
INDIAN TRAIL WB LANE @ EDGELAWN DR	03+44.83	24.45	LT					1		
SW QUAD INDIAN TRAIL @ EDGELAWN DR	03+44.95	39.36	RT					1		
INDIAN TRAIL WB LANE	09+31.75	22.53	LT					1		
INDIAN TRAIL WB LANE	12+37.21	18.93	LT					1		
INDIAN TRAIL WB LANE	14+85.87	15.05	LT					1		
INDIAN TRAIL WB LANE @ TIMBERLAKE DR	19+19.11	13.82	LT					1		
SE QUAD INDIAN TRAIL @ TIMBERLAKE DR	19+81.76	43.75	RT			1				
INDIAN TRAIL EB LANE	21+98.32	24.24	RT						1	
INDIAN TRAIL WB LANE	22+32.65	16.45	LT					1		
INDIAN TRAIL EB LANE	23+72.00	22.10	RT						1	
INDIAN TRAIL EB LANE	26+65.70	17.50	RT						1	
INDIAN TRAIL WB LANE	27+28.16	40.64	LT	1						
INDIAN TRAIL EB LANE @ RANDALL RD	29+11.87	14.75	RT						1	
NW QUAD INDIAN TRAIL @ RANDALL RD	29+47.05	33.16	LT			1				
SW QUAD INDIAN TRAIL @ RANDALL RD	29+56.02	45.99	RT			1				
SW QUAD INDIAN TRAIL @ RANDALL RD	29+58.23	31.93	RT						1	
NW QUAD INDIAN TRAIL @ RANDALL RD	29+61.51	49.96	LT				1			
INDIAN TRAIL WB LANE @ RANDALL RD	29+70.03	27.40	LT					1		
SW QUAD INDIAN TRAIL @ RANDALL RD	29+75.68	41.50	RT					1		
SE QUAD INDIAN TRAIL @ RANDALL RD	30+25.90	43.72	RT				1			
NE QUAD INDIAN TRAIL @ RANDALL RD	30+29.27	30.21	LT					1		
SE QUAD INDIAN TRAIL @ RANDALL RD	30+35.74	30.31	RT				1			
INDIAN TRAIL WB LANE @ RANDALL RD	30+60.08	26.42	LT					1		
INDIAN TRAIL WB LANE	33+73.72	30.60	LT	1						
INDIAN TRAIL WB LANE	36+41.25	27.10	LT					1		
INDIAN TRAIL WB LANE	37+50.50	24.75	LT					1		
INDIAN TRAIL EB LANE	37+79.45	15.30	RT					1		
INDIAN TRAIL EB LANE	45+25.40	19.65	RT					1		
INDIAN TRAIL EB LANE	46+10.00	30.36	RT			1				
INDIAN TRAIL WB LANE	47+99.70	26.60	LT					1		
NDIAN TRAIL WB LANE @ GOLDEN OAKS PKW	50+42.34	19.79	LT				1			
NDIAN TRAIL WB LANE @ GOLDEN OAKS PKW	50+42.68	28.74	LT				1			
W QUAD INDIAN TRAIL @ GOLDEN OAKS PKV	50+66.43	43.61	RT					1		
W QUAD INDIAN TRAIL @ GOLDEN OAKS PKV	51+63.22	52.91	LT					1		
INDIAN TRAIL WB LANE	53+92.15	24.40	LT					1		
INDIAN TRAIL WB LANE	56+53.90	21.00	LT					1		
INDIAN TRAIL EB LANE	56+60.00	29.00	RT			1				
INDIAN TRAIL WB LANE	56+60.00	29.00	LT			1				
SW QUAD INDIAN TRAIL @ ELMWOOD DR	57+53.73	18.04	RT					1		
SW QUAD INDIAN TRAIL @ ELMWOOD DR	57+81.65	36.65	RT			1				
SW QUAD INDIAN TRAIL @ ELMWOOD DR	58+16.36	28.84	RT					1		
INDIAN TRAIL EB LANE	63+36.20	22.25	RT						1	
INDIAN TRAIL EB LANE @ NANTUCKET RD	73+26.60	27.52	RT					1		
INDIAN TRAIL EB LANE @ NANTUCKET RD	73+94.61	26.72	RT				1			
INDIAN TRAIL EB LANE @ NANTUCKET RD	74+27.55	24.86	RT					1		
NE QUAD INDIAN TRAIL @ NANTUCKET RD	74+50.84	38.73	LT				1			
NE QUAD INDIAN TRAIL @ NANTUCKET RD	74+61.05	28.49	LT			1				

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - CN	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	16

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

21 UTILITIES TO BE ADJUSTED / RECONSTRUCTED

DESCRIPTION	STATION	OFFSET	LEFT OR RIGHT	60250200 CATCH BASINS TO BE ADJUSTED	60257900 MANHOLES TO BE RECONSTRUCTED	60260100 INLETS TO BE ADJUSTED	60266600 VALVE BOXES TO BE ADJUSTED	X6030310 FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	X6026056 SANTIARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	X8130130 JUNCTION BOX TO BE ADJUSTED
				(each)	(each)	(each)	(each)	(each)	(each)	(each)
INDIAN TRAIL EB LANE	75+57.85	17.60	RT					1		
INDIAN TRAIL WB LANE	79+95.85	27.15	LT					1		
INDIAN TRAIL EB LANE	79+97.35	17.50	RT					1		
INDIAN TRAIL AT BNSF RAILROAD	83+15.29	33.09'	LT	1						
SW QUAD INDIAN TRAIL @ HIGHLAND AVE	84+94.12	42.95	RT					1		
NW QUAD INDIAN TRAIL @ HIGHLAND AVE	85+05.19	73.28	LT					1		
INDIAN TRAIL EB LANE @ HIGHLAND AVE	85+40.43	20.57	RT				1			
NE QUAD INDIAN TRAIL @ HIGHLAND AVE	85+44.03	42.26	LT		1					
TOTAL UTILITIES TO BE ADJUSTED				3	1	8	8	31	6	2

23 SODDING AND RESTORATION

LOCATION	25200110 SODDING, SALT TOLERANT	25000400 NITROGEN FERTILIZER NUTRIENT	25000500 PHOSPHORUS FERTILIZER NUTRIENT	25000600 POTASSIUM FERTILZER NUTRIENT	25200200 SUPPLEMENTAL WATERING
	AREA (sq yd)	WEIGHT (pound)	WEIGHT (pound)	WEIGHT (pound)	1000 GALLON (unit)
INDIAN TRAIL & EDGELAWN NORTHWEST CORNER	23.4	0.3	0.3	0.3	1.3
INDIAN TRAIL & EDGELAWN NORTHEAST CORNER AND BUS PAD	100.3	1.2	1.2	1.2	5.4
INDIAN TRAIL & EDGELAWN SOUTHEAST CORNER	47.3	0.6	0.6	0.6	2.6
INDIAN TRAIL & EDGELAWN SOUTHWEST CORNER	31.2	0.4	0.4	0.4	1.7
INDIAN TRAIL & EDGELAWN BUS PAD SOUTHEAST CORNER	18.1	0.2	0.2	0.2	1.0
INDIAN TRAIL & TIMBERLAKE SOUTHWEST CORNER AND BUS PAD	26.1	0.3	0.3	0.3	1.4
INDIAN TRAIL & TIMBERLAKE SOUTHEAST CORNER	20.8	0.3	0.3	0.3	1.1
INDIAN TRAIL & TIMBERLAKE BUS PAD NORTHEAST CORNER	5.8	0.1	0.1	0.1	0.3
PATH BETWEEN EDGELAWN & RANDALL	31.4	0.4	0.4	0.4	1.7
SIDEWALK REPAIR BETWEEN EDGELAWN AND RANDALL	2.0	0.0	0.0	0.0	0.1
INDIAN TRAIL & RANDALL NORTHWEST CORNER	46.6	0.6	0.6	0.6	2.5
INDIAN TRAIL & RANDALL SOUTHWEST CORNER	83.8	1.0	1.0	1.0	4.5
INDIAN TRAIL & RANDALL NORTHEAST CORNER	133.9	1.7	1.7	1.7	7.2
INDIAN TRAIL & RANDALL SOUTHEAST CORNER	57.1	0.7	0.7	0.7	3.1
INDIAN TRAIL & WALGREENS ENTRANCE WEST	7.9	0.1	0.1	0.1	0.4
INDIAN TRAIL & WALGREENS ENTRANCE EAST	7.7	0.1	0.1	0.1	0.4
SIDEWALK REPAIR BETWEEN RANDALL RD AND ORCHARD VILLAGE APARTMENTS ENTRANCE	4.4	0.1	0.1	0.1	0.2
WATER TOWER DRIVE	5.6	0.1	0.1	0.1	0.3
INDIAN TRAIL BIKE PATH RANDALL RD TO DEVELOPMENT	138.5	1.7	1.7	1.7	7.5
INDIAN TRAIL & ORCHARD VILLAGE APARTMENTS ENTRANCE 1 WEST	7.7	0.1	0.1	0.1	0.4
INDIAN TRAIL & ORCHARD VILLAGE APARTMENTS ENTRANCE 1 CENTER	6.2	0.1	0.1	0.1	0.3
INDIAN TRAIL & ORCHARD VILLAGE APARTMENTS ENTRANCE 1 EAST	5.5	0.1	0.1	0.1	0.3
INDIAN TRAIL & ORCHARD VILLAGE APARTMENTS ENTRANCE 2 WEST	8.1	0.1	0.1	0.1	0.4
INDIAN TRAIL & ORCHARD VILLAGE APARTMENTS ENTRANCE 2 EAST	6.5	0.1	0.1	0.1	0.4
INDIAN TRAIL & GOLDEN OAKS PARKWAY NORTHWEST CORNER	16.4	0.2	0.2	0.2	0.9
INDIAN TRAIL & GOLDEN OAKS PARKWAY SOUTHWEST CORNER	11.8	0.1	0.1	0.1	0.6
INDIAN TRAIL & GOLDEN OAKS PARKWAY NORTHEAST CORNER	16.2	0.2	0.2	0.2	0.9
INDIAN TRAIL & GOLDEN OAKS PARKWAY SOUTHEAST CORNER	11.0	0.1	0.1	0.1	0.6
INDIAN TRAIL & GOLDEN OAKS PARKWAY NORTH MEDIAN	30.3	0.4	0.4	0.4	1.6
INDIAN TRAIL & GOLDEN OAKS PARKWAY SOUTH MEDIAN	22.6	0.3	0.3	0.3	1.2
INDIAN TRAIL BIKE PATH GOLDEN OAKS PARKWAY TO ELMWOOD DR	128.7	1.6	1.6	1.6	7.0
INDIAN TRAIL & ELMWOOD NORTHWEST CORNER	24.0	0.3	0.3	0.3	1.3
INDIAN TRAIL & ELMWOOD SOUTHWEST CORNER	68.1	0.8	0.8	0.8	3.7
INDIAN TRAIL & ELMWOOD NORTHEAST CORNER	54.8	0.7	0.7	0.7	3.0
INDIAN TRAIL & ELMWOOD SOUTHEAST CORNER	25.3	0.3	0.3	0.3	1.4
INDIAN TRAIL BIKE PATH ELMWOOD DR TO MORTON AVE	173.4	2.1	2.1	2.1	9.4
INDIAN TRAIL & MORTON NORTHWEST CORNER	16.3	0.2	0.2	0.2	0.9
INDIAN TRAIL & MORTON MORTHEAST CORNER	7.6	0.1	0.1	0.1	0.4
INDIAN TRAIL BIKE PATH MORTON AVE TO NANTUCKET RD	108.4	1.3	1.3	1.3	5.9
INDIAN TRAIL & NANTUCKET NORTHWEST CORNER	43.8	0.5	0.5	0.5	2.4
INDIAN TRAIL & NANTUCKET NORTHEAST CORNER	49.7	0.6	0.6	0.6	2.7
INDIAN TRAIL & NANTUCKET SOUTHEAST CORNER	74.2	0.9	0.9	0.9	4.0
INDIAN TRAIL & HIGHLAND NORTHWEST CORNER	56.5	0.7	0.7	0.7	3.1
INDIAN TRAIL & HIGHLAND SOUTHWEST CORNER	46.8	0.6	0.6	0.6	2.5
INDIAN TRAIL & HIGHLAND NORTHEAST CORNER	74.6	0.9	0.9	0.9	4.0
INDIAN TRAIL & HIGHLAND SOUTHEAST CORNER	20.0	0.2	0.2	0.2	1.1

22 EROSION CONTROL

DESCRIPTION	FROM STATION	TO STATION	FROM OFFSET	TO OFFSET	LEFT OR RIGHT	28000250 TEMPORARY EROSION CONTROL SEEDING	28001100 TEMPORARY EROSION CONTROL BLANKET	28000400 PERIMETER EROSION BARRIER	28000510 INLET FILTERS
						WEIGHT (LB)	AREA (SQ YD)	LENGTH (LFT)	EACH
MULTI-USE PATH									
NW CORNER EDGELAWN DR	03+01.31		31.3		LT				1
NW CORNER EDGELAWN DR	03+01.31		40.9		LT				1
NW CORNER EDGELAWN DR	03+46.53		380.4		LT				1
NE CORNER EDGELAWN DR	03+87.60		382.41		LT				1
NE CORNER EDGELAWN DR	04+07.49	04+21.82	68.52	53.74	LT			20.3	
SE CORNER EDGELAWN DR	04+68.36		35.43		RT				1
SE CORNER EDGELAWN DR	05+67.70		36.26		RT				1
BETWEEN EDGELAWN AND TIMBERLAKE DR	07+71.92		30.31		LT				1
BETWEEN EDGELAWN AND TIMBERLAKE DR	16+50.93		25.43		LT				1
BETWEEN EDGELAWN AND TIMBERLAKE DR	17+27.85		25.50		RT				1
SW CORNER TIMBERLAKE DR	19+03.13		32.05		RT				1
SE CORNER TIMBERLAKE DR	19+81.13		43.16		RT				1
BETWEEN TIMBERLAKE AND RANDALL RD	26+51.15	27+38.18	47.10	49.84	LT			89.1	
BETWEEN TIMBERLAKE AND RANDALL RD	27+14.87		29.94		LT				1
NW CORNER RANDALL RD	29+47.70		52.92		LT				1
SW CORNER RANDALL RD	29+19.19	29+44.20	45.26	99.24	RT			78.8	
SW CORNER RANDALL RD	29+75.05		61.93		RT				1
NE CORNER RANDALL RD	30+21.83	30+44.43	128.73	68.66	LT			71.5	
NE CORNER RANDALL RD	30+49.03	30+68.99	76.80	50.66	LT			36.5	
BETWEEN RANDALL AND GOLDEN OAKS PKWY	30+85.57	33+24.87	54.67	50.48	LT			239.29	
BETWEEN RANDALL AND GOLDEN OAKS PKWY	33+73.71		30.60		LT				1
BETWEEN RANDALL AND GOLDEN OAKS PKWY	33+71.67		30.44		RT				1
BETWEEN RANDALL AND GOLDEN OAKS PKWY	34+24.00	37+51.93	54.03	51.12	LT			334.51	
BETWEEN RANDALL AND GOLDEN OAKS PKWY	37+69.42	38+02.40	53.88	51.77	LT			39.01	
BETWEEN RANDALL AND GOLDEN OAKS PKWY	38+31.55		30.86		RT				1
BETWEEN RANDALL AND GOLDEN OAKS PKWY	42+62.19		31.00		RT				1
NW CORNER GOLDEN OAKS PKWY	50+74.32		113.69		LT				1
SW CORNER GOLDEN OAKS PKWY	50+72.81		76.85		RT				1
NE CORNER GOLDEN OAK PKWY	51+51.81		112.34		LT				1
SE CORNER GODEN OAKS PKWY	51+51.82		75.43		RT				1
DR	51+92.32	57+85.14	54.11	54.29	LT			600.2	
DR	56+59.40		29.34		RT				1
DR	56+61.73		29.04		LT				1
SW CORNER ELMWOOD DR	57+81.20		35.23		RT				1
NW CORNER ELMWOOD DR	58+02.46		190.02		LT				1
SE CORNER ELMWOOD DR	58+35.48		65.22		RT				1
SE CORNER ELMWOOD DR	58+60.47		32.58		RT				1
NE CORNER ELMWOOD DR	58+47.10		157.04		LT				1
NE CORNER ELMWOOD DR	59+62.59		29.42		LT				1
BETWEEN ELMWOOD DR AND MORTON AVE	59+80.48	67+11.80	44.11	44.11	LT			765.9	
NE CORNER MORTON AVE	68+61.11		29.39		LT				1
NE CORNER MORTON AVE	68+22.77		539.61		LT				1
SW CORNER NANTCUKET RD	73+58.91		29.13		RT				1
NW CORNER NANTUCKET RD	73+58.92		29.79		LT				1
NE CORNER NANTCUKET RD	74+60.40		29.60		LT		23.86		1
BETWEEN NANTUCKET AND HIGHLAND AVE	82+97.00	83+44.41	29.85	LT	RT				6
SW CORNER HIGHLAND AVE	84+84.39		265.21		RT				1
NE CORNER HIGHLAND AVE	87+19.97		1542.33		LT				1
NE CORNER HIGHLAND AVE	87+55.22		1535.70		LT				1
FROM SCHEDULE 23, SODDING, SALT TOLERANT AREA: APPLIED AT RATE OF 100 LBS /ACRE						40			
FROM SCHEDULE 23, SODDING, SALT TOLERANT AREA							1,910		
TOTALS						40	1,934	2,276	44

MODEL: $MODELNAMES
FILE NAME: $FILELS

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PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	17

CONTRACT NO. 61J91

ILLINOIS FED. AID PROJECT

24	SIDEWALKS, ADA RAMPS AND BUS PADS										
	20200100	44000600	X0327036	31101200	31101400	Z0062458	42400200	40604060	Z0007430	42400800	66900200
LOCATION	EARTH EXCAVATION	SIDEWALK REMOVAL	BIKE PATH REMOVAL	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 6"	TEMPORARY PAVEMENT VARIABLE DEPTH	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	HMA SURFACE COURSE, IL-9.5, MIX "D", N50	TEMPORARY SIDEWALK	DETECTABLE WARNINGS	NON-SPECIAL WASTE DISPOSAL *
	VOLUME	AREA	AREA	AREA	AREA	VOLUME	AREA	VOLUME	AREA	AREA	VOLUME
	(cu yd)	(sq ft)	(sq yd)	(sq yd)	(sq yd)	(ton)	(sq ft)	(ton)	(sq ft)	(sq ft)	(cu yd)
BIKE PATH - SIDEWALK REPAIRS											
INDIAN TRAIL BIKE PATH WEST OF RANDALL RD	7.0		77.6		77.6			17.4			
SIDEWALK EAST OF RANDALL RD ON SOUTH SIDE	0.9	48.8		5.4			48.8				
INDIAN TRAIL BIKE PATH RANDALL RD TO DEVELOPMENT	31.9		574.5		574.5			128.7			
INDIAN TRAIL BIKE PATH GOLDEN OAKS PKWY TO ELMWOOD DR	28.9		520.2		520.2			116.5			44.4
INDIAN TRAIL BIKE PATH ELMWOOD DR TO MORTON AVE	17.2		797.3		797.3			178.6			
INDIAN TRAIL BIKE PATH MORTON AVE TO NANTUCKET RD	24.3		437.8		437.8			98.1			
BNSF RAILROAD CROSSING	1.7		30.7		30.7			6.9	19.2	32.0	
CONTINGENCY BIKE PATH REPAIRS			88.9		88.9			19.9			
ADA RAMPS											
NW QUAD INDIAN TRAIL @ EDGELAWN DR	6.1	113.6	17.8	36.9		0.3	331.9			26.9	
SW QUAD INDIAN TRAIL @ EDGELAWN DR	0.1			0.5			4.5				
NE QUAD INDIAN TRAIL @ EDGELAWN DR	3.7	139.6	9.8	22.2		0.3	199.5			22.6	
SW QUAD INDIAN TRAIL @ TIMBERLAKE DR	1.9	104.0		11.4		0.1	102.8			10.1	
SE QUAD INDIAN TRAIL @ TIMBERLAKE DR	5.5	281.8		32.9		0.3	296.0			21.0	
NE QUAD INDIAN TRAIL @ TIMBERLAKE DR	0.7	38.1		4.4		0.1	39.6			12.0	
SW QUAD INDIAN TRAIL @ RANDALL RD	2.6	134.5		15.5		0.4	139.3			28.6	
NW QUAD INDIAN TRAIL @ RANDALL RD	5.5	83.2	24.9	33.1		0.4	297.7			32.8	
SE QUAD INDIAN TRAIL @ RANDALL RD	5.6	307.2		33.3		0.3	300.0			25.1	
NE QUAD INDIAN TRAIL @ RANDALL RD	4.9	153.6	15.8	29.6		0.4	266.3			30.7	
NW QUAD INDIAN TRAIL @ WALGREENS	2.8		16.9	16.9		0.3	151.8			19.3	
NE QUAD INDIAN TRAIL @ WALGREENS	2.8		15.7	17.1		0.2	153.5			21.3	
SW QUAD INDIAN TRAIL @ ORCHARD VILLAGE WEST	2.1	111.1		12.4		0.2	111.3			16.3	
MEDIAN INDIAN TRAIL @ ORCHARD VILLAGE WEST	1.3	82.2		7.6		0.2	68.4			20.0	
SE QUAD INDIAN TRAIL @ ORCHARD VILLAGE WEST	1.9	97.0		11.7		0.2	105.1			15.3	
SW QUAD INDIAN TRAIL @ ORCHARD VILLAGE EAST	2.4	119.1		14.2		0.2	127.5			15.1	
SE QUAD INDIAN TRAIL @ ORCHARD VILLAGE EAST	1.4	74.6		8.4		0.2	75.2			14.7	
SW QUAD INDIAN TRAIL @ GOLDEN OAKS PKWY	3.8	195.6		22.8		0.2	204.8			18.4	3.8
NW QUAD INDIAN TRAIL @ GOLDEN OAKS PKWY	-	-		-		-	-			-	-
SE QUAD INDIAN TRAIL @ GOLDEN OAKS PKWY	3.2	170.4		19.3		0.2	173.7			12.0	3.2
NE QUAD INDIAN TRAIL @ GOLDEN OAKS PKWY	5.3	112.0	19.6	31.7		0.2	285.6			19.3	5.3
GOLDEN OAKS PKWY SOUTH MEDIAN	2.3			14.0		0.1	126.2			24.0	
GOLDEN OAKS PKWY NORTH MEDIAN	3.7			22.2		0.2	199.8			32.0	
SW QUAD INDIAN TRAIL @ ELMWOOD DR	2.0	97.6		11.9		0.2	107.0		107.0	19.0	
NW QUAD INDIAN TRAIL @ ELMWOOD DR	4.1	118.3	10.5	24.8		0.3	223.0		223.0	25.7	
SE QUAD INDIAN TRAIL @ ELMWOOD DR	3.1	131.6		18.7		0.3	168.3		168.3	21.7	
NE QUAD INDIAN TRAIL @ ELMWOOD DR	4.7	148.0	9.8	28.4		0.4	255.4		255.4	29.6	
NW QUAD INDIAN TRAIL @ MORTON AVE	2.9	144.8		17.2		0.3	154.4		154.4	21.7	
NE QUAD INDIAN TRAIL @ MORTON AVE	4.6	112.8	13.2	27.5		0.4	247.6		247.6	29.5	
NW QUAD INDIAN TRAIL @ NANTUCKET RD	11.5	101.8	19.6	69.1		0.2	621.9		621.9	16.0	
NE QUAD INDIAN TRAIL @ NANTUCKET RD	7.2	177.7	31.4	42.9		0.5	386.4		386.4	41.5	
MEDIAN INDIAN TRAIL @ NANTUCKET RD	1.0	48.7		6.0		0.3	54.1		54.1	24.0	
SE QUAD INDIAN TRAIL @ NANTUCKET RD	1.9	76.4		11.3		0.1	102.0		102.0	12.0	
NW QUAD INDIAN TRAIL @ HIGHLAND AVE	5.5	120.3	16.8	33.0		0.4	297.4		297.4	27.7	
SW QUAD INDIAN TRAIL @ HIGHLAND AVE	6.3	273.1		37.7		0.2	339.2		339.2	17.5	
NE QUAD INDIAN TRAIL @ HIGHLAND AVE	3.7	208.8		22.1		0.2	198.9		198.9	17.1	
BUS PADS											
NE QUAD INDIAN TRAIL @ EDGELAWN DR	5.7			34.1			307.0				
SE QUAD INDIAN TRAIL @ EDGELAWN DR	10.6	302.4		63.7			573.2				
SW QUAD INDIAN TRAIL @ TIMBERLAKE DR	10.9	269.4		65.5			589.3				
NE QUAD INDIAN TRAIL @ TIMBERLAKE DR	3.0		31.7	49.7	31.7		162.3	7.1			
TOTALS	**270**	**4,699**	**2,781**	**987**	**2,559**	**9**	**8,597**	**574**	**3,175**	**773**	**60**

* MATERIAL FROM STA 47+07 TO STA 54+74 FROM 60' RT TO 60' LT SHALL BE MANAGED IN ACCORDANCE WITH THE SPECIAL PROVISIONS

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

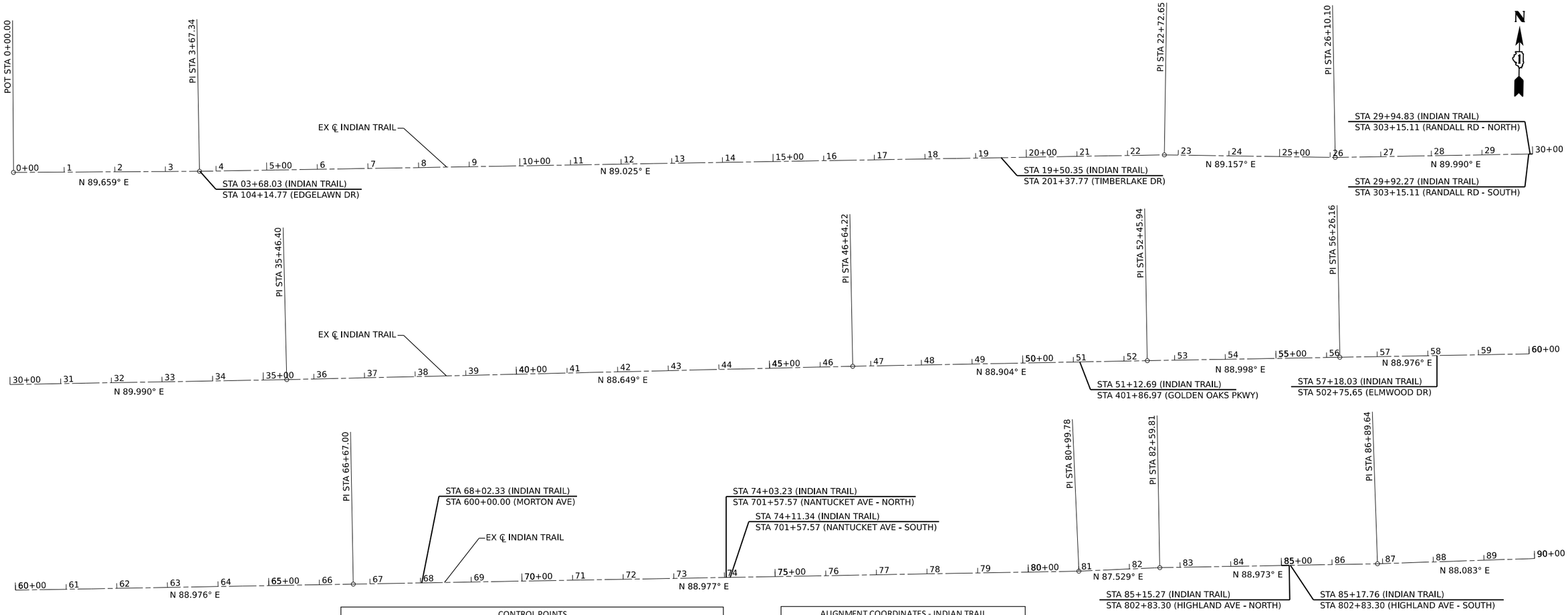
SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	18

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



CONTROL POINTS						
CP #	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
1464	1862604.137	977180.644	696.452	CP - CROSS	4+00.09	188.7089' RT
1463	1862741.357	977179.415	696.682	CP - CROSS	4+01.20	51.4879' RT
1000	1862837.844	977187.373	697.109	CP - CROSS	4+10.80	44.8497' LT
1001	1863153.191	977177.021	694.31	CP - CROSS	4+05.81	360.3272' LT
2000	1862860.008	978696.862	701.308	CP - MAG	19+20.45	41.3262' LT
2431	1862759.966	978728.818	701.819	CP - CROSS	19+50.69	59.2449' RT
2435	1862858.84	978825.739	702.112	CP - TEMP	20+49.28	37.9657' LT
2001	1862862.189	9789984.985	701.08	CP - MAG	22+08.56	38.6046' LT
3762	1862781.471	979721.195	696.134	CP - CROSS	29+43.44	44.0049' RT
3000	1862869.423	979822.958	685.147	CP - MAG	30+46.74	42.1404' LT
3818	1862788.777	979965.083	693.219	CP - CROSS	31+87.42	40.9974' RT
3001	1862879.791	980200.887	692.156	CP - MAG	34+25.21	45.8475' LT
4000	1862830.78	981948.397	692.959	CP - CROSS	51+71.12	41.3803' RT
4001	1862833.936	982090.142	694.287	CP - CROSS	53+12.97	40.8266' RT
5000	1862843.124	982558.679	693.971	CP - CROSS	57+81.58	39.8937' RT
5721	1862645.865	982579.044	695.148	CP - CROSS	57+94.42	237.4852' RT
5322	1862832.142	982621.53	694.407	CP- CROSS	58+44.23	51.9974' RT
6000	1862938.869	983537.157	700.463	CP - MAG	67+61.61	38.3486' LT
6273	1862944.529	983541.754	700.324	CP - BEEP	67+66.31	43.9246' LT
7000	1862951.794	984141.922	702.54	CP - MAG	73+66.51	40.2582' LT
7028	1862992.647	984155.865	703.171	CP - CROSS	73+81.18	81.0723' LT
7715	1863028.737	984192.947	703.73	CP - TEMP	74+18.90	116.4945' LT
8256	1862979.295	985181.103	705.458	CP - MAG	84+06.07	45.3638' LT
8643	1862888.27	985261.476	705.073	CP - CROSS	84+84.80	4783.79' RT
8000	1862988.274	985260.073	705.343	CP - CROSS	84+85.19	52.9257' LT
8644	1862739.307	985272.454	704.773	CP - CROSS	84+93.11	196.2233' RT
8425	1862973.46	985334.257	705.255	CP - CROSS	85+59.10	36.7842' LT
8001	1863322.389	985404.329	701.35	CP - CROSS	86+35.39	384.4010' LT

ALIGNMENT COORDINATES - INDIAN TRAIL			
INDIAN TRAIL	STATION	NORTHING	EASTING
POT	0+00.00	1862790.078	976777.3509
PI	3+67.34	1862792.261	977144.6838
PI	22+72.65	1862824.68	979049.7141
PI	26+10.10	1862819.596	979387.1323
PI	35+46.40	1862836.094	980323.2898
PI	46+64.22	1862862.454	981440.7966
PI	52+45.94	1862873.584	982022.4026
PI	56+26.16	1862880.233	982402.5679
PI	66+67.00	1862898.837	983443.2400
PI	80+99.78	1862924.417	984875.7968
PI	82+59.81	1862931.317	985035.6779
PI	86+89.64	1862939.022	985465.4393
POT	94+71.01	1862965.158	986246.3653

BENCHMARKS LOG						
ID	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
1742	1862721.701	977113.222	697.790	3+35.46	70.372' Rt	NW Tag Bolt on Hydrant @ SW Corner of Edgelawn and Indian Trail
2101	1862853.981	978769.79	703.675	19+93.31	34.121' Lt	NW Tag Bolt on Hydrant @ NE Corner of Timberlake and Indian Trail
3365	1862877.453	979736.75	696.835	29+60.59	51.717' Lt	NW Tag Bolt on Hydrant @ NW Corner of Randall and Indian Trail
4221	1862773.366	981847.36	693.678	50+69.01	96.851' Rt	SW Tag Bolt on Hydrant @ SE Corner of Golden Oaks and Indian Trail
5134	1862717.77	982567.109	695.846	57+87.77	165.378' Rt	SW Tag Bolt on Hydrant ~ 150' South of Indian Trail on West Side of Elmwood
6154	1862945.754	983551.173	701.652	67+75.79	44.952' Lt	SW Tag Bolt on Hydrant @ NW Corner of Morton and Indian Trail
7266	1862992.136	984147.834	705.356	73+73.14	80.705' Lt	NW Tag Bolt on Hydrant @ NW Corner of Nantcuket and Indian Trail
8367	1862969.676	985348.181	706.630	85+72.94	32.709' Lt	NE Tag Bolt on Hydrant @ NE Corner of Highland and Indian Trail

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

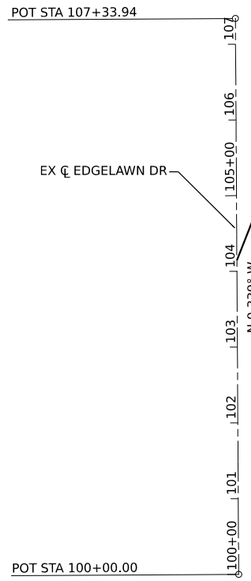
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. TO STA.

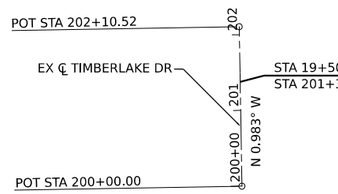
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	19

CONTRACT NO. 61J91

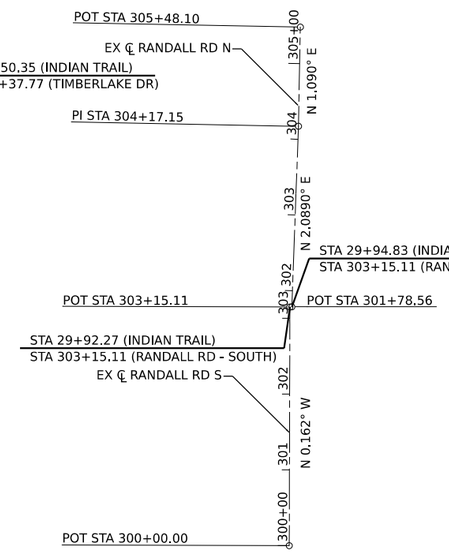
ILLINOIS | FED. AID PROJECT



ALIGNMENT COORDINATES - EDGELAWN DRIVE			
EDGELAWN DRIVE	STATION	NORTHING	EASTING
POT	100+00.00	1871768.345	977106.7904
POT	107+33.94	1872502.273	977102.4533

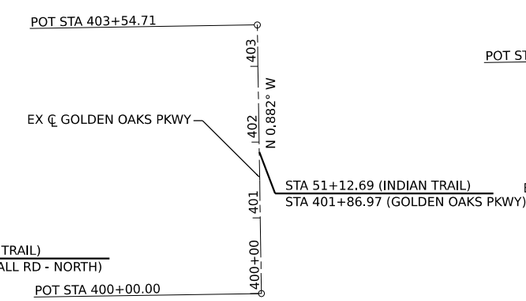


ALIGNMENT COORDINATES - TIMBERLAKE DRIVE			
TIMBERLAKE DRIVE	STATION	NORTHING	EASTING
POT	200+00.00	1872280.861	977641.8205
POT	202+10.52	1872491.35	977638.2074

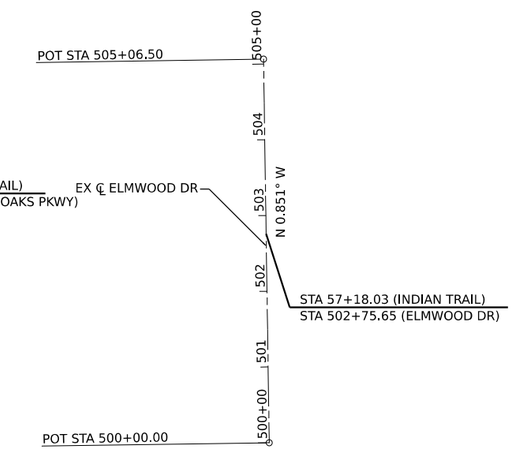


ALIGNMENT COORDINATES - RANDALL ROAD NORTH			
RANDALL ROAD	STATION	NORTHING	EASTING
POT	301+78.56	1872121.484	978139.4425
PI	304+17.15	1872359.907	978148.1391
POT	305+48.10	1872490.838	978150.6302

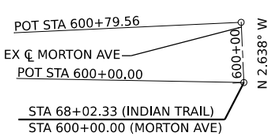
ALIGNMENT COORDINATES - RANDALL ROAD SOUTH			
RANDALL ROAD	STATION	NORTHING	EASTING
POT	300+00.00	1871806.328	978135.9966
POT	303+15.11	1872121.439	978136.8858



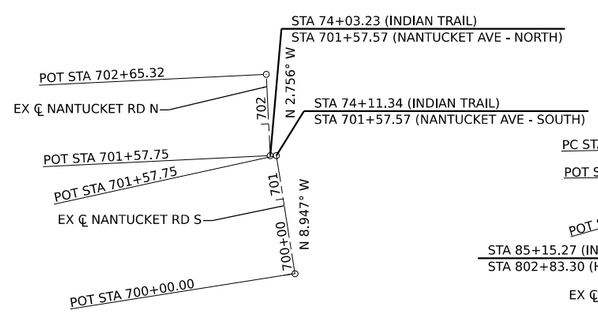
ALIGNMENT COORDINATES - GOLDEN OAKS PARKWAY			
GOLDEN OAKS PKWY	STATION	NORTHING	EASTING
POT	400+00.00	1872139.109	978711.8909
POT	403+54.71	1872493.781	978706.4324



ALIGNMENT COORDINATES - ELMWOOD DRIVE			
ELMWOOD DRIVE	STATION	NORTHING	EASTING
POT	500+00.00	1871942.155	979313.6843
POT	505+06.50	1872448.601	979306.1624

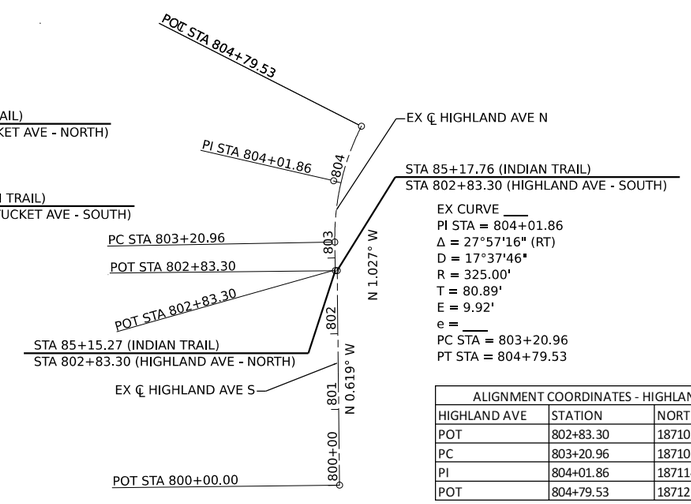


ALIGNMENT COORDINATES - MORTON AVENUE			
MORTON AVENUE	STATION	NORTHING	EASTING
POT	600+00.00	1872365.311	979786.7989
POT	600+79.65	1872444.789	979783.1372



ALIGNMENT COORDINATES - NANTUCKET ROAD NORTH			
NANTUCKET ROAD	STATION	NORTHING	EASTING
POT	701+57.75	1870921.884	977147.3461
POT	702+65.32	1871029.33	977142.1741

ALIGNMENT COORDINATES - NANTUCKET ROAD SOUTH			
NANTUCKET ROAD	STATION	NORTHING	EASTING
POT	700+00.00	1870766.204	977180.0011
POT	701+57.75	1870922.03	977155.4679



ALIGNMENT COORDINATES - HIGHLAND AVENUE NORTH			
HIGHLAND AVE	STATION	NORTHING	EASTING
POT	802+83.30	1871023.53	977676.0425
PC	803+20.96	1871061.187	977675.3673
PI	804+01.86	1871142.069	977673.9172
POT	804+79.53	1871214.193	977710.5511

ALIGNMENT COORDINATES - HIGHLAND AVENUE SOUTH			
HIGHLAND AVE	STATION	NORTHING	EASTING
POT	800+00.00	1870740.218	977681.5926
POT	802+83.30	1871023.5	977678.5328

N

MODEL: $MODELNAMES
FILE NAME: $FILEL$

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

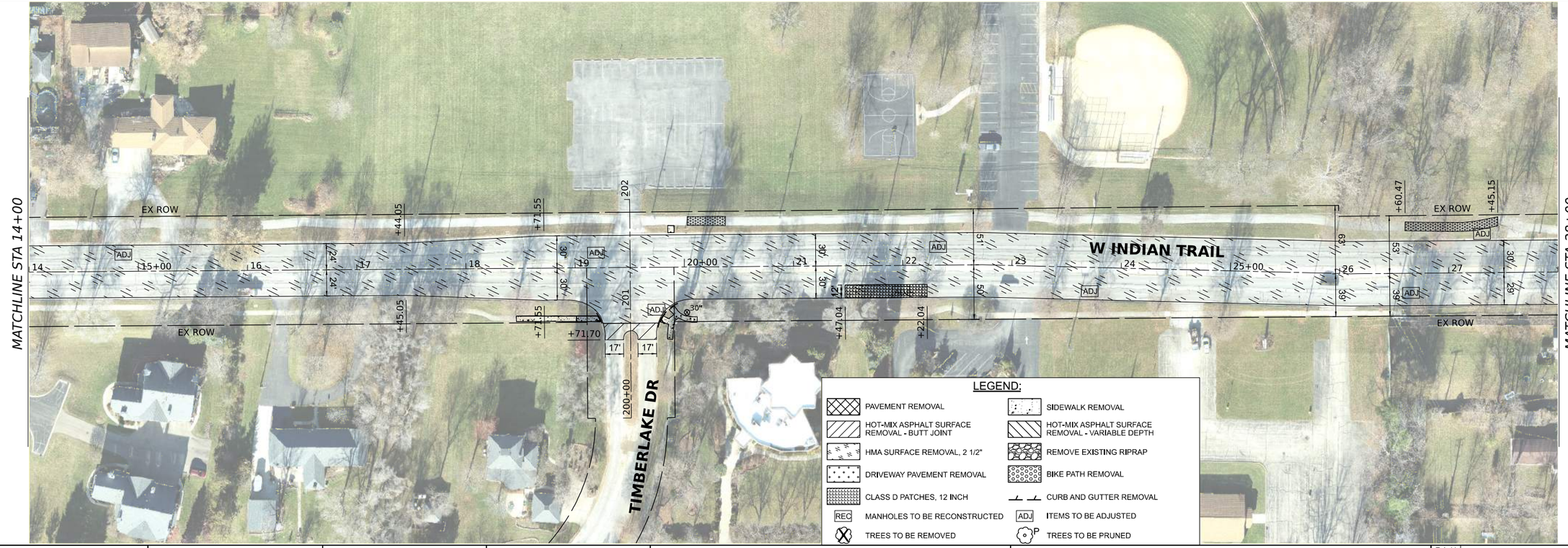
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	20

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



LEGEND:

- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 2 1/2"
- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 12 INCH
- REC MANHOLES TO BE RECONSTRUCTED
- TREES TO BE REMOVED
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
- REMOVE EXISTING RIPRAP
- BIKE PATH REMOVAL
- CURB AND GUTTER REMOVAL
- ADJ ITEMS TO BE ADJUSTED
- P TREES TO BE PRUNED

MODEL: $MODELNAME$
FILE NAME: $FILE$

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

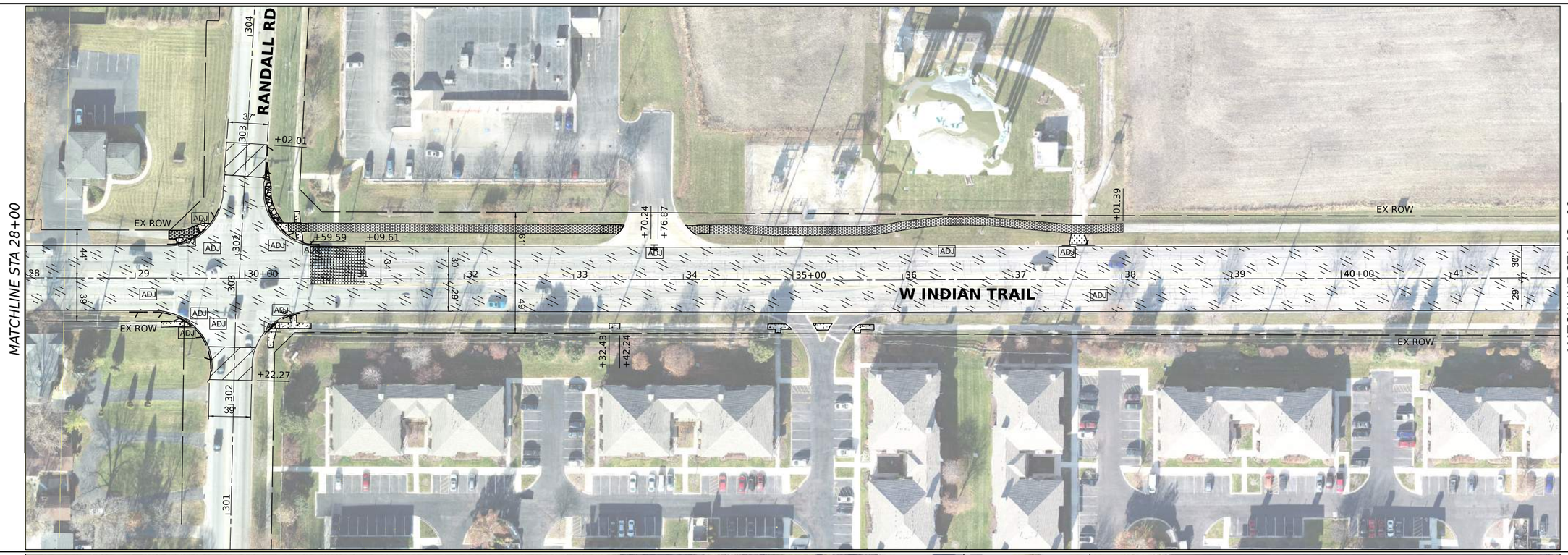
REMOVAL PLANS

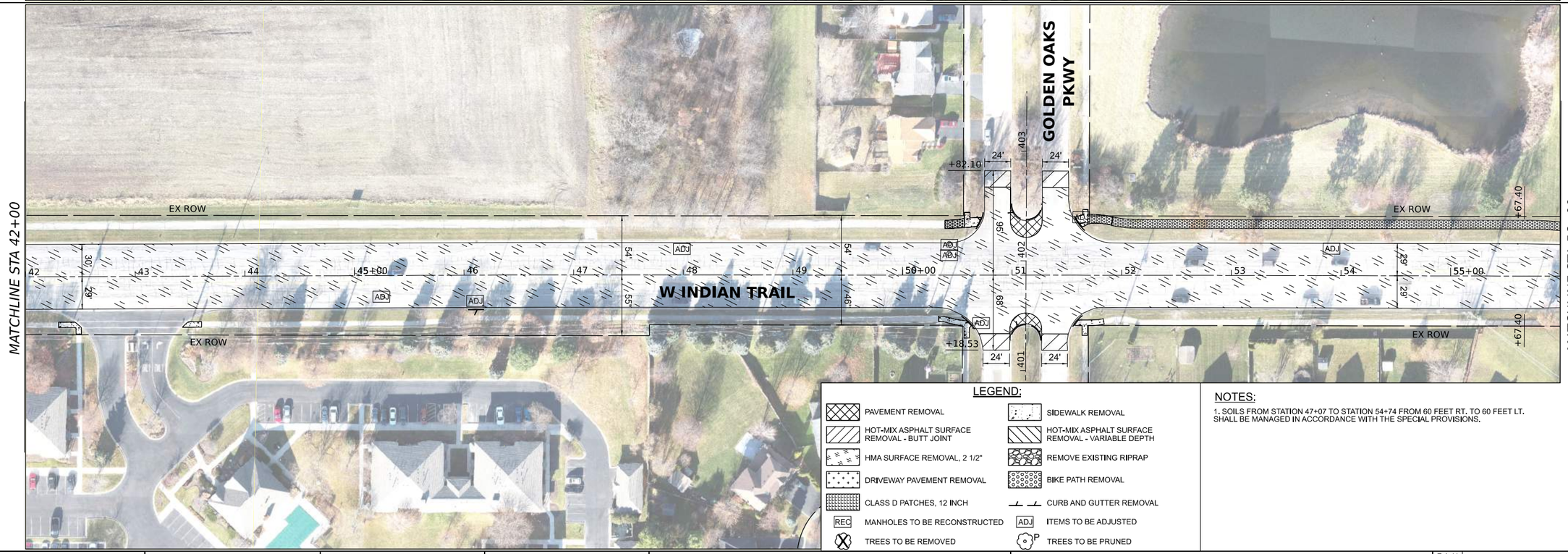
SCALE: 1"=50' | SHEET 1 OF 4 SHEETS | STA. 0+00 TO STA. 28+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	21

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT





LEGEND:

- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 2 1/2"
- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 12 INCH
- REC MANHOLES TO BE RECONSTRUCTED
- TREES TO BE REMOVED
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
- REMOVE EXISTING RIPRAP
- BIKE PATH REMOVAL
- CURB AND GUTTER REMOVAL
- ADJ ITEMS TO BE ADJUSTED
- P TREES TO BE PRUNED

NOTES:

1. SOILS FROM STATION 47+07 TO STATION 54+74 FROM 60 FEET RT. TO 60 FEET LT. SHALL BE MANAGED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

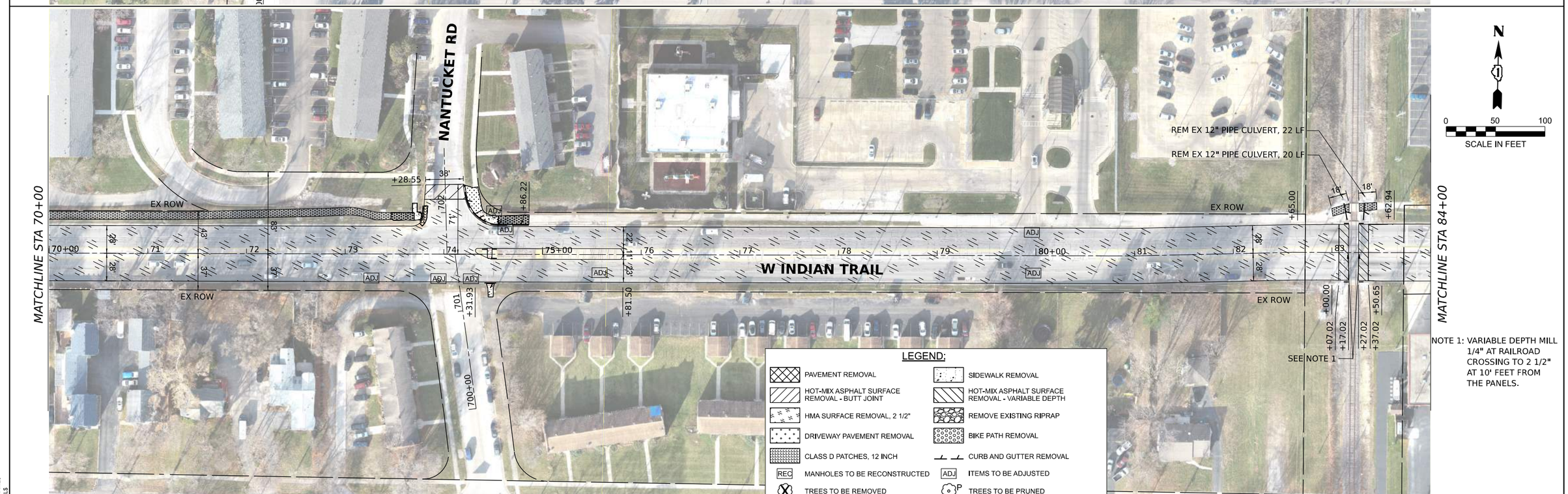
REMOVAL PLANS

SCALE: 1"=50' | SHEET 2 OF 4 SHEETS | STA. 28+00 TO STA. 56+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	22

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



NOTE 1: VARIABLE DEPTH MILL 1/4" AT RAILROAD CROSSING TO 2 1/2" AT 10' FEET FROM THE PANELS.

LEGEND:

- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 2 1/2"
- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 12 INCH
- REC MANHOLES TO BE RECONSTRUCTED
- TREES TO BE REMOVED
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
- REMOVE EXISTING RIPRAP
- BIKE PATH REMOVAL
- CURB AND GUTTER REMOVAL
- ADJ ITEMS TO BE ADJUSTED
- P TREES TO BE PRUNED

MODEL: $MODELNAME$
FILE NAME: $FILE$

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS

SCALE: 1"=50' | SHEET 3 OF 4 SHEETS | STA. 56+00 TO STA. 84+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	23

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

LEGEND:

PAVEMENT REMOVAL	SIDEWALK REMOVAL
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
HMA SURFACE REMOVAL, 2 1/2"	REMOVE EXISTING RIPRAP
DRIVEWAY PAVEMENT REMOVAL	BIKE PATH REMOVAL
CLASS D PATCHES, 12 INCH	CURB AND GUTTER REMOVAL
REC MANHOLES TO BE RECONSTRUCTED	ADJ ITEMS TO BE ADJUSTED
TREES TO BE REMOVED	TREES TO BE PRUNED

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

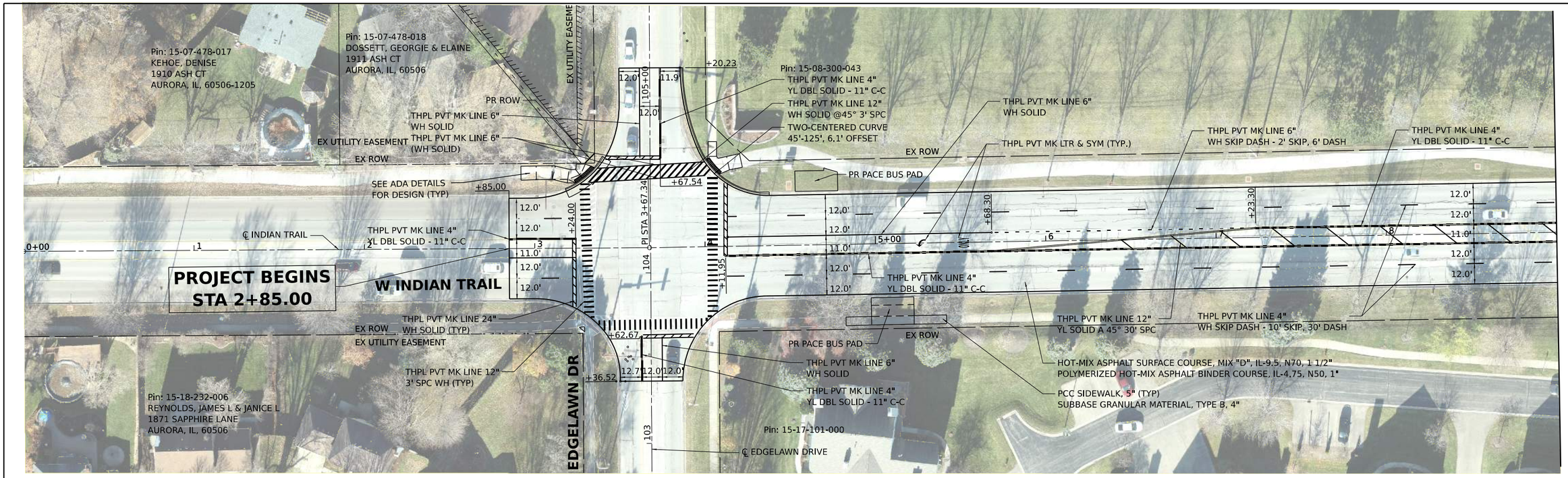
REMOVAL PLANS

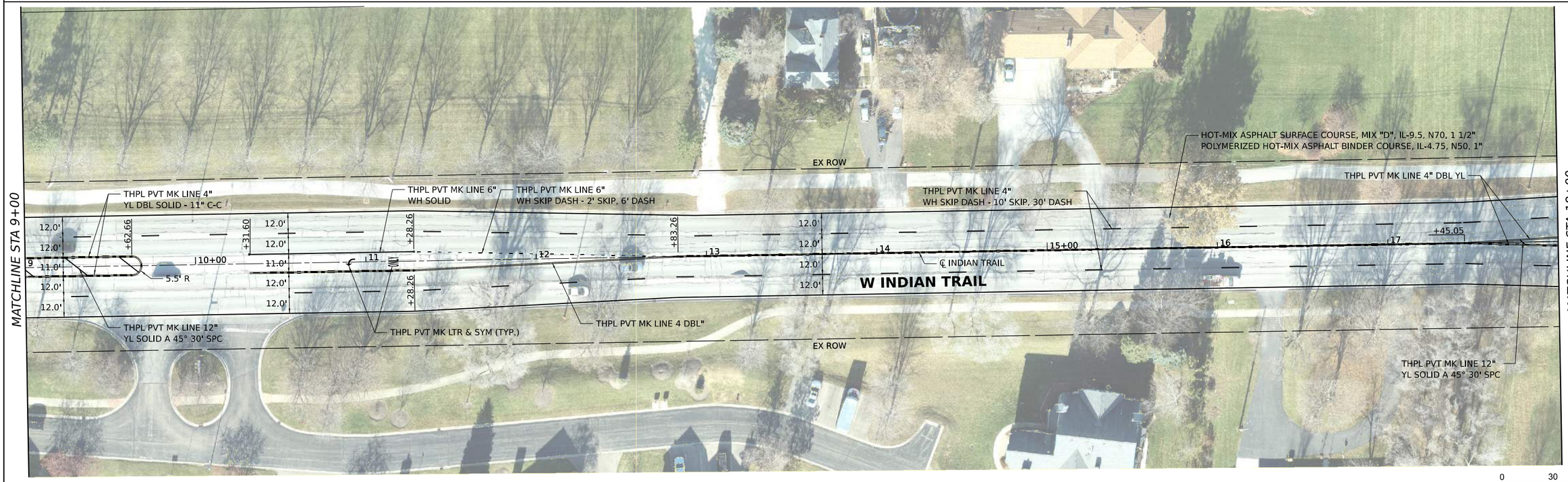
SCALE: 1"=50' | SHEET 4 OF 4 SHEETS | STA. 84+00 TO STA. 90+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	24

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT





MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

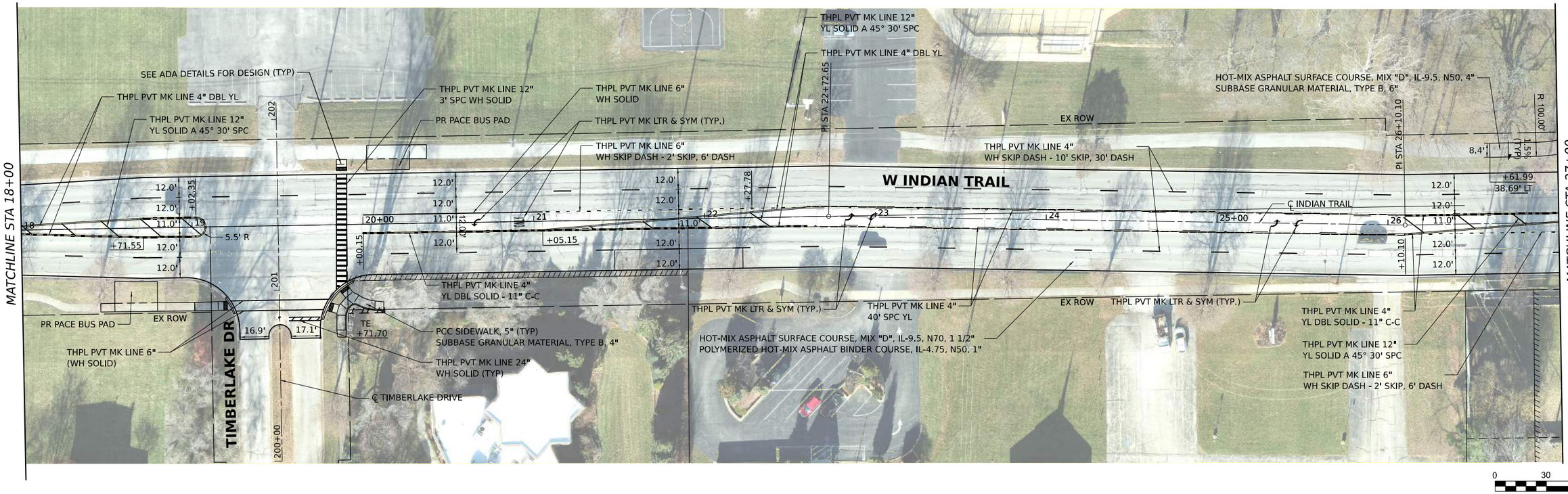
PROPOSED ROADWAY &
PAVEMENT MARKING PLAN

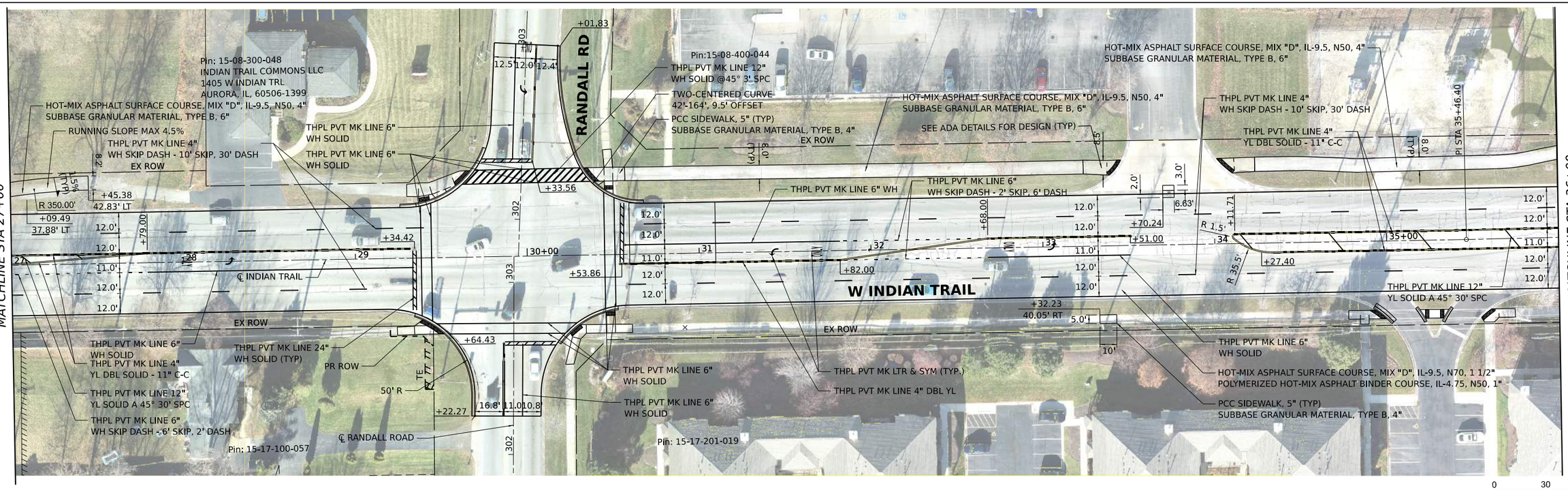
SCALE: 1"=30' | SHEET 1 OF 5 SHEETS | STA. 0+00 TO STA. 18+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	25

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT





MODEL: $MODELNAME$
FILE NAME: $FILEL$

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USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

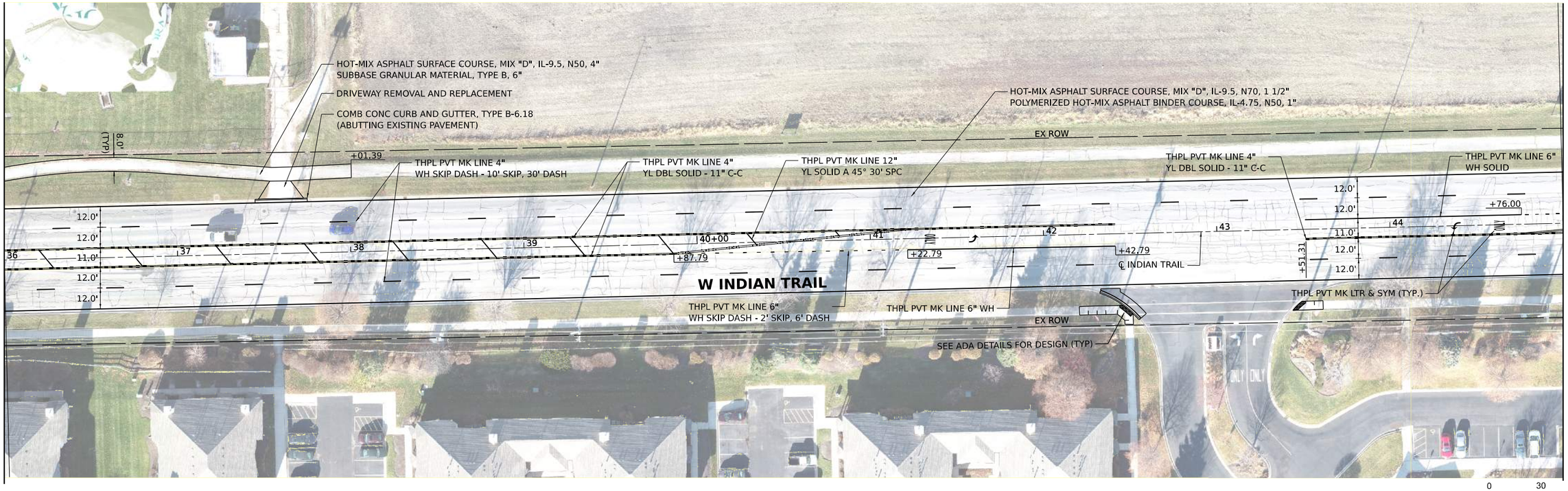
PROPOSED ROADWAY & PAVEMENT MARKING PLAN

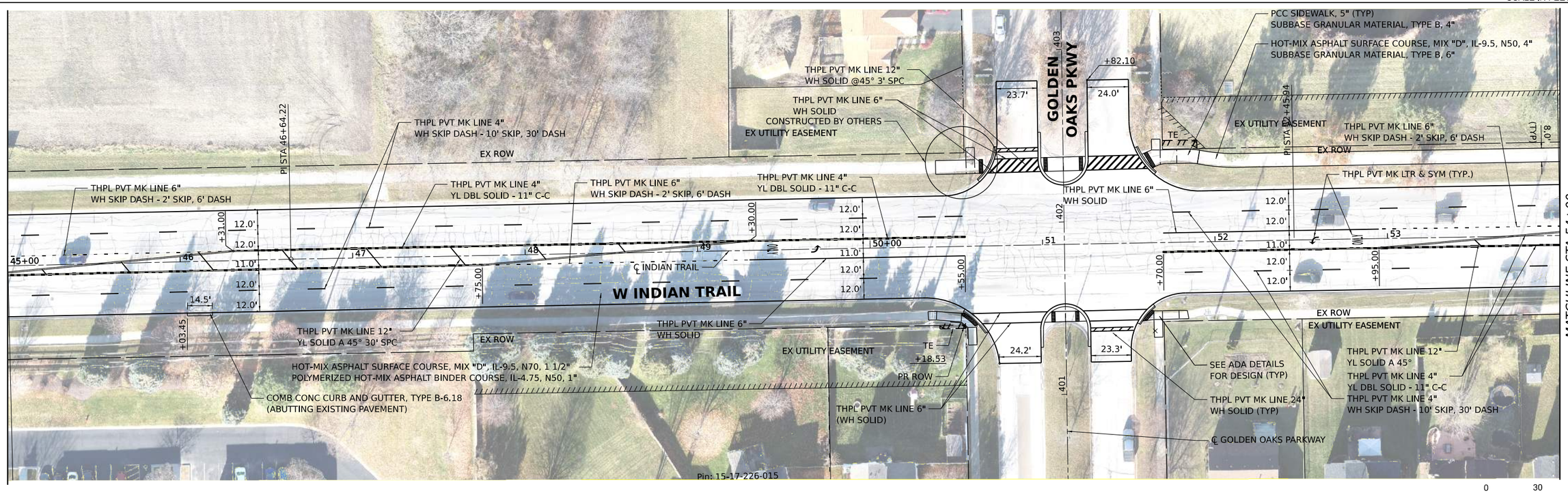
SCALE: 1"=30' | SHEET 2 OF 5 SHEETS | STA. 18+00 TO STA. 36+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	26

CONTRACT NO. 61J91

ILLINOIS FED. AID PROJECT





MODEL: $MODELNAME$
FILE NAME: $FILEL$

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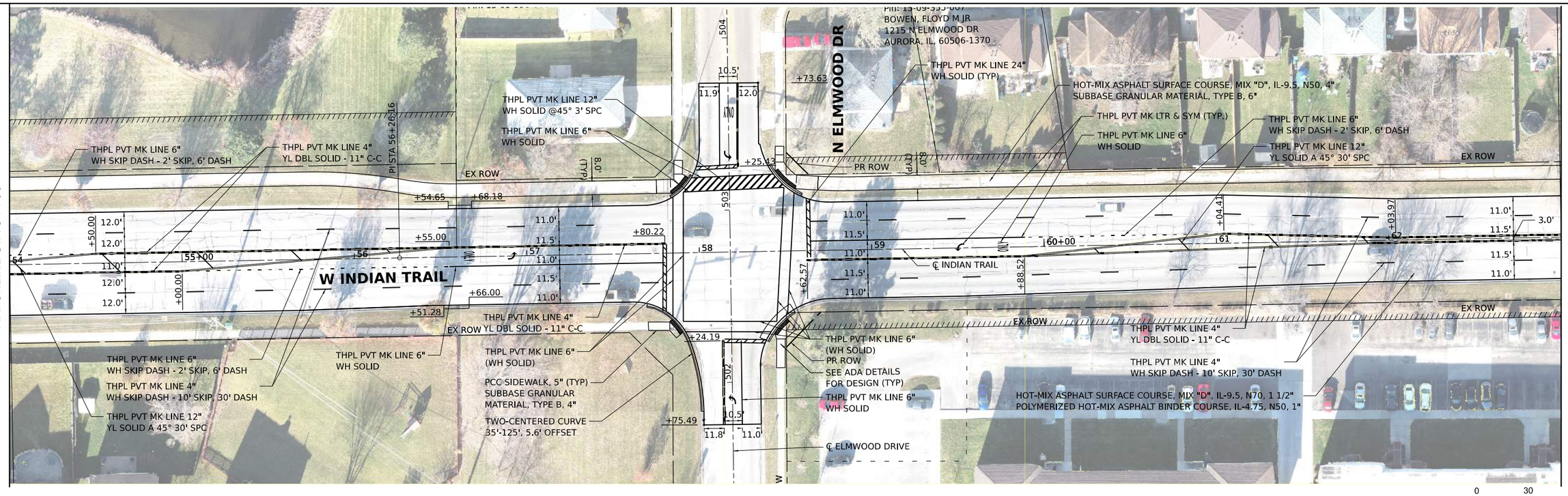
USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

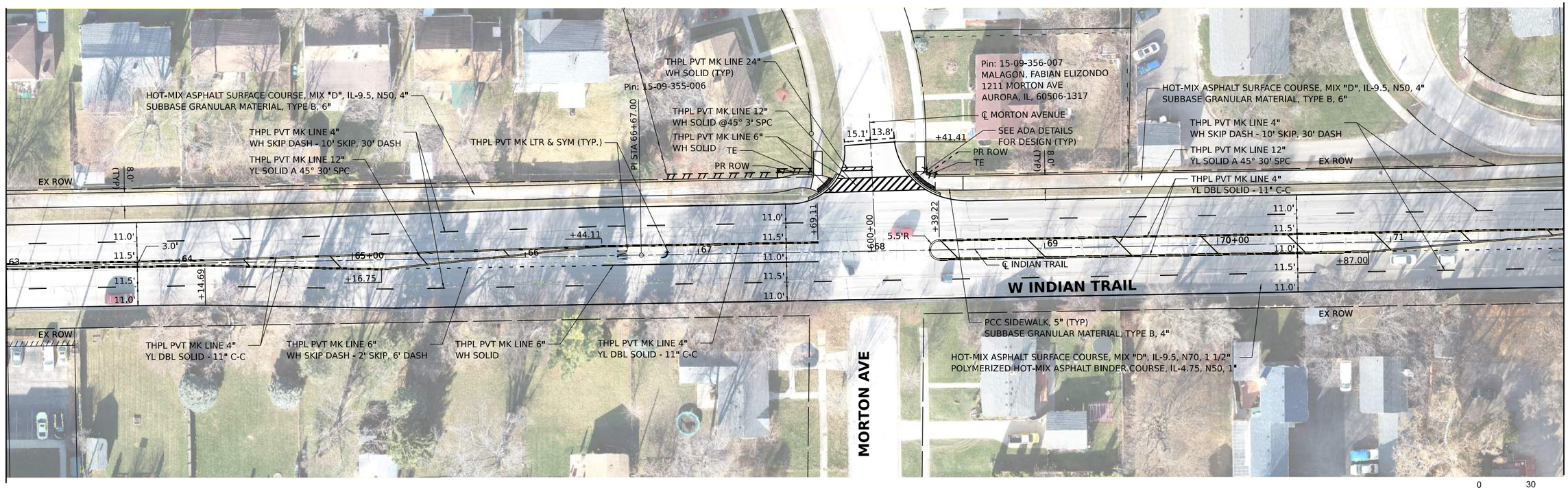
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY & PAVEMENT MARKING PLAN

SCALE: 1"=30' | SHEET 3 OF 5 SHEETS | STA. 36+00 TO STA. 54+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	27
		CONTRACT NO. 61J91		
		ILLINOIS	FED. AID PROJECT	





MODEL: $MODELNAME
FILE NAME: $FILEL$

Stanley Consultants INC.
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Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

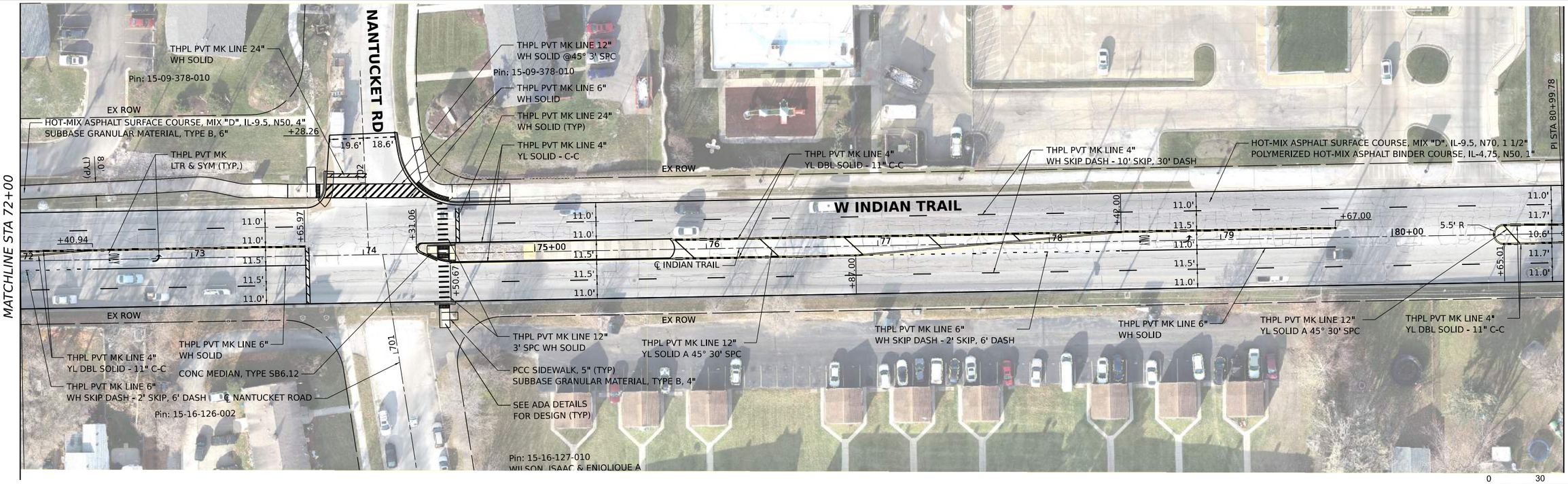
PROPOSED ROADWAY & PAVEMENT MARKING PLAN

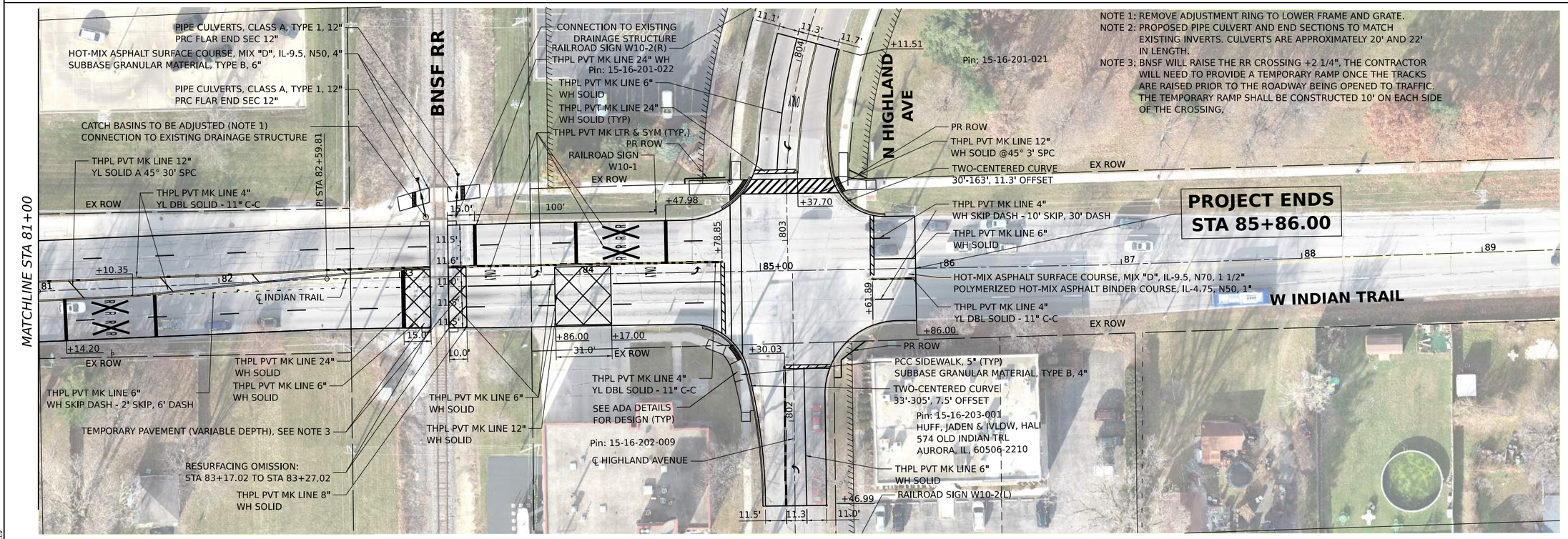
SCALE: 1"=30' | SHEET 4 OF 5 SHEETS | STA. 54+00 TO STA. 72+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	28

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT





MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY & PAVEMENT MARKING PLAN

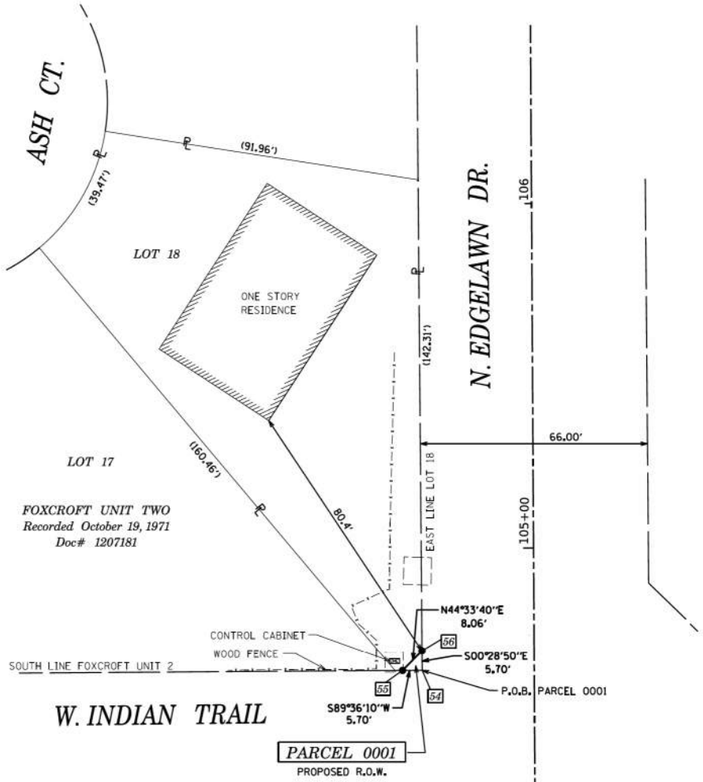
SCALE: 1"=30' | SHEET 5 OF 5 SHEETS | STA. 72+00 TO STA. 90+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	29

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

PART OF THE SE 1/4 OF SECTION 7, TWP. 38 N., R. 8 E.
OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.



PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT*	COORDINATES	STATION/OFFSET
54	N = 1862841.88 E = 977112.52	3+35.47, 49.81' LT
55	N = 1862841.84 E = 977106.82	3+29.77, 49.80' LT
56	N = 1862847.58 E = 977112.47	3+35.46, 55.51' LT

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 7 AND 17, TOWNSHIP 38 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED AT SUGAR GROVE, ILLINOIS THIS 28TH DAY OF SEPTEMBER, 2023.

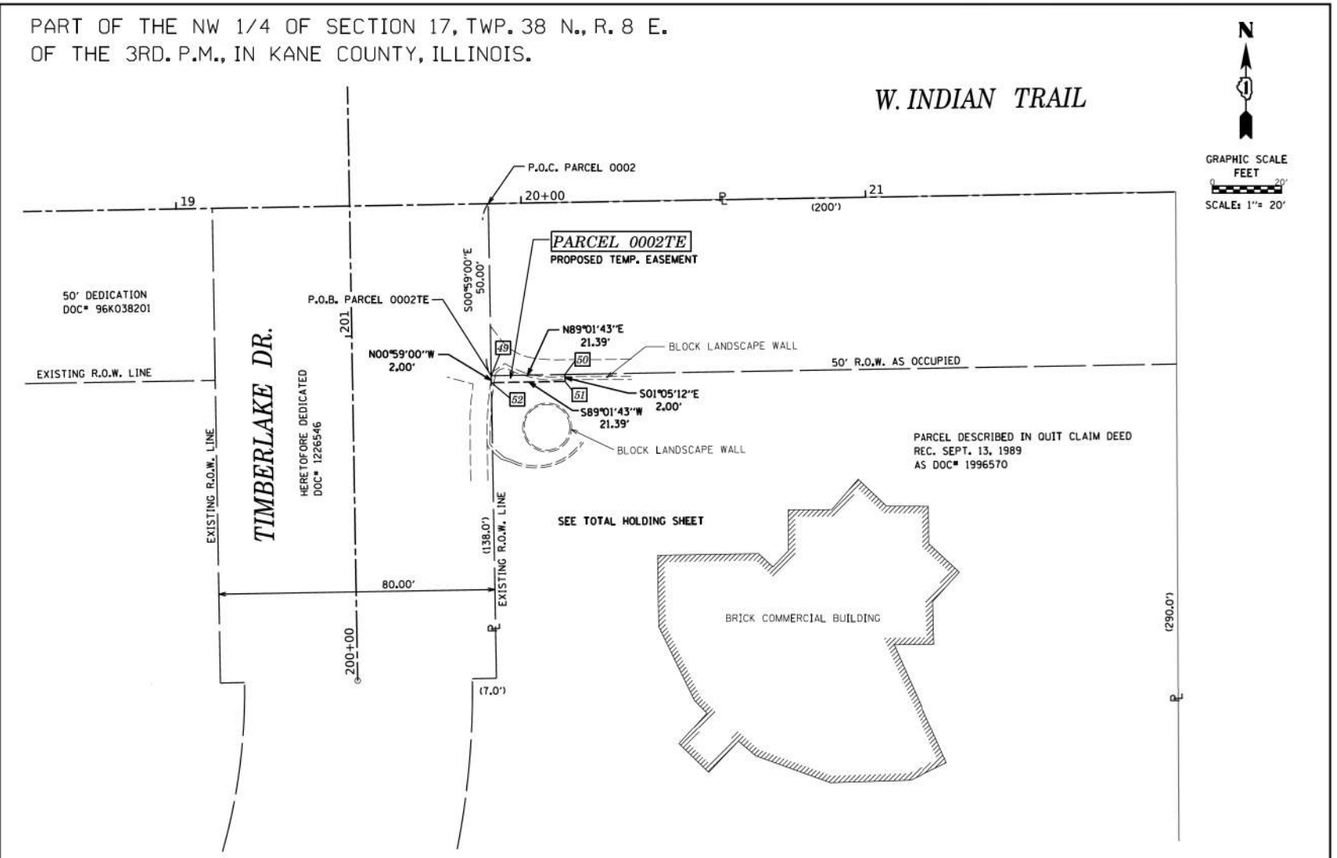
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3678
LICENSE EXPIRATION DATE: 11/30/24

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

CHRIS E. PETERSON
035-003678
PROFESSIONAL LAND SURVEYOR
SUGAR GROVE
STATE OF ILLINOIS

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOW BY THE COMBINATION FACTOR OF 0.999951508.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED IN NOVEMBER 2022.

PART OF THE NW 1/4 OF SECTION 17, TWP. 38 N., R. 8 E.
OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.



PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT*	COORDINATES	STATION/OFFSET
49	N = 1862769.94 E = 978768.46	19+90.50, 49.94' RT
50	N = 1862770.31 E = 978789.84	20+11.88, 49.94' RT
51	N = 1862768.31 E = 978789.88	20+11.88, 51.94' RT
52	N = 1862767.94 E = 978768.49	19+90.50, 51.94' RT

LEGEND

SECTION CORNER
QUARTER SECTION CORNER

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

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

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0001	0.228	0.000 (16 SF)	-	0.228	-	-	15-07-478-018
0002TE	2.801	-	-	2.801	0.001	43	15-17-126-009 15-17-101-007 15-17-126-012

REVISION DATE: JAN. 23, 2023 REVISION MADE BY: JMB

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

P21021/PHASE 2/PLAT OF HIGHWAY 2

PLAT OF HIGHWAYS

CITY OF AURORA, ILLINOIS

ROUTE: W. INDIAN TRAIL (FAU 1503)

LIMITS: EDGELAWN TO HIGHLAND
COUNTY: KANE
SECTION: 21-00339-00-CH
JOB NO.: R-55-001-97
STA. 3+00.00 TO STA. 22+00.00
SCALE: 1" = 20'
SHEET 2 OF 9 SHEETS

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60505

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS

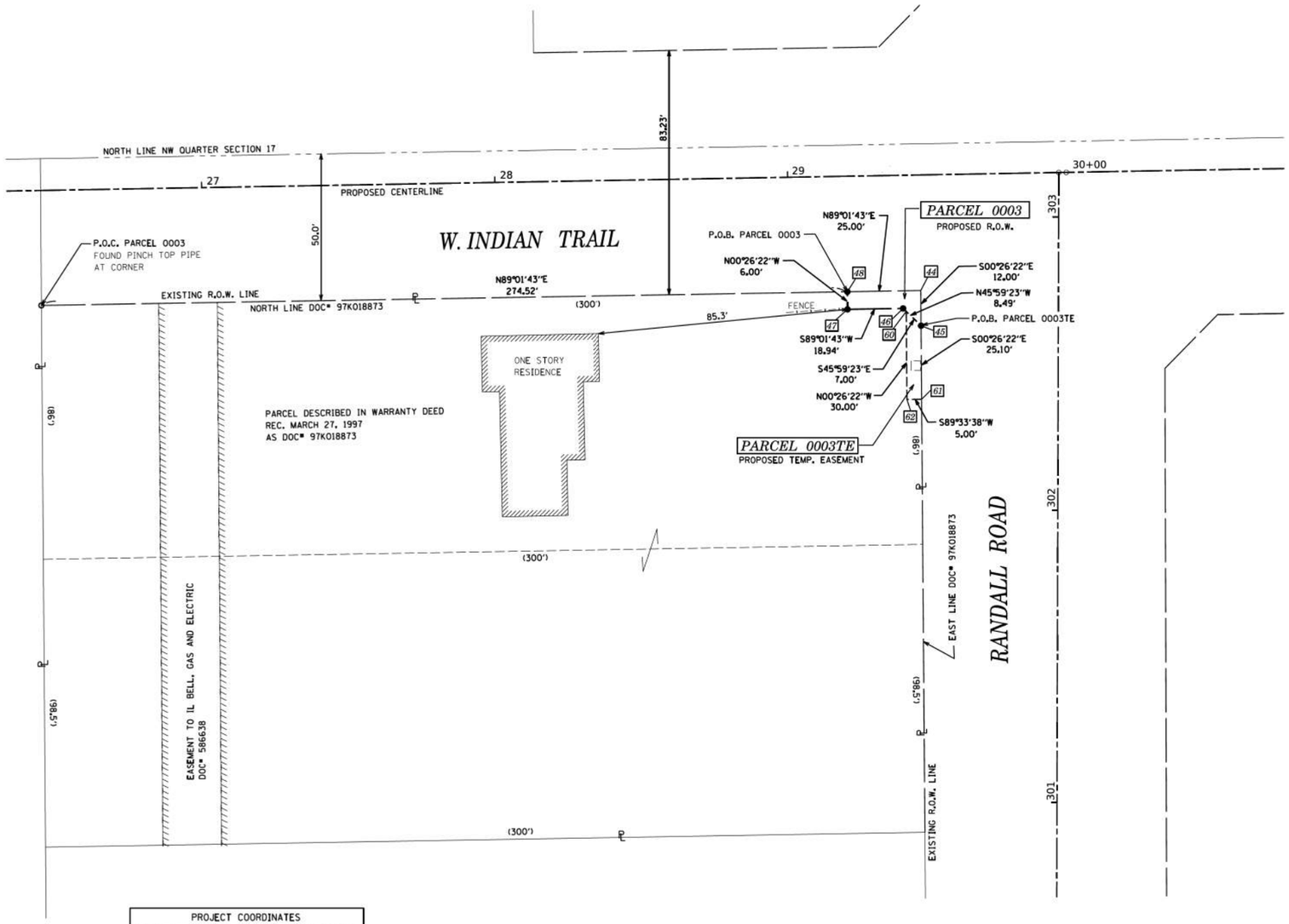
SCALE: NONE | SHEET 1 OF 8 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	30

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

PART OF THE NW 1/4 OF SECTION 17, TWP. 38 N., R. 8 E.
OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.



LEGEND

SECTION CORNER (9 10 16 15)

QUARTER SECTION CORNER (16 15)

N

GRAPHIC SCALE FEET (0 20')
SCALE: 1"= 20'

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

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

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 38 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED AT SUGAR GROVE, ILLINOIS THIS 28TH DAY OF SEPTEMBER, 2023.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3678
LICENSE EXPIRATION DATE: 11/30/24

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

CHRIS E. PETERSON
035-003678
PROFESSIONAL LAND SURVEYOR
SUGAR GROVE
STATE OF ILLINOIS

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
44	N = 1862786.12 E = 979722.36	29+44.69, 39.38' RT
45	N = 1862774.12 E = 979722.46	29+44.57, 51.38' RT
46	N = 1862780.02 E = 979716.35	29+38.57, 45.37' RT
47	N = 1862779.70 E = 979697.41	29+19.63, 45.36' RT
48	N = 1862785.70 E = 979697.37	29+19.69, 39.36' RT
60	N = 1862778.99 E = 979717.42	29+39.62, 46.42' RT
61	N = 1862749.03 E = 979722.65	29+44.32, 76.47' RT
62	N = 1862748.99 E = 979717.65	29+39.32, 76.42' RT

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0003 0003TE	1.274	0.004 (168 SF)	-	1.270	0.003	138	15-17-100-057 15-17-100-007

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOW BY THE COMBINATION FACTOR OF 0.999951508.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED IN NOVEMBER 2022.

REVISION DATE: JAN. 23, 2023 REVISION MADE BY: JMB

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

P21021/PHASE 2/PLAT OF HIGHWAY 2

PLAT OF HIGHWAYS

CITY OF AURORA, ILLINOIS

ROUTE: W. INDIAN TRAIL (FAU 1503)

LIMITS: EDGELAWN TO HIGHLAND
COUNTY: KANE
SECTION: 21-00339-00-CH
JOB NO.: R-55-001-97
STA. 27+00.00 TO STA. 30+00.00
SCALE: 1" = 20'
SHEET 3 OF 9 SHEETS

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60505

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS

SCALE: NONE | SHEET 2 OF 8 SHEETS | STA. TO STA.

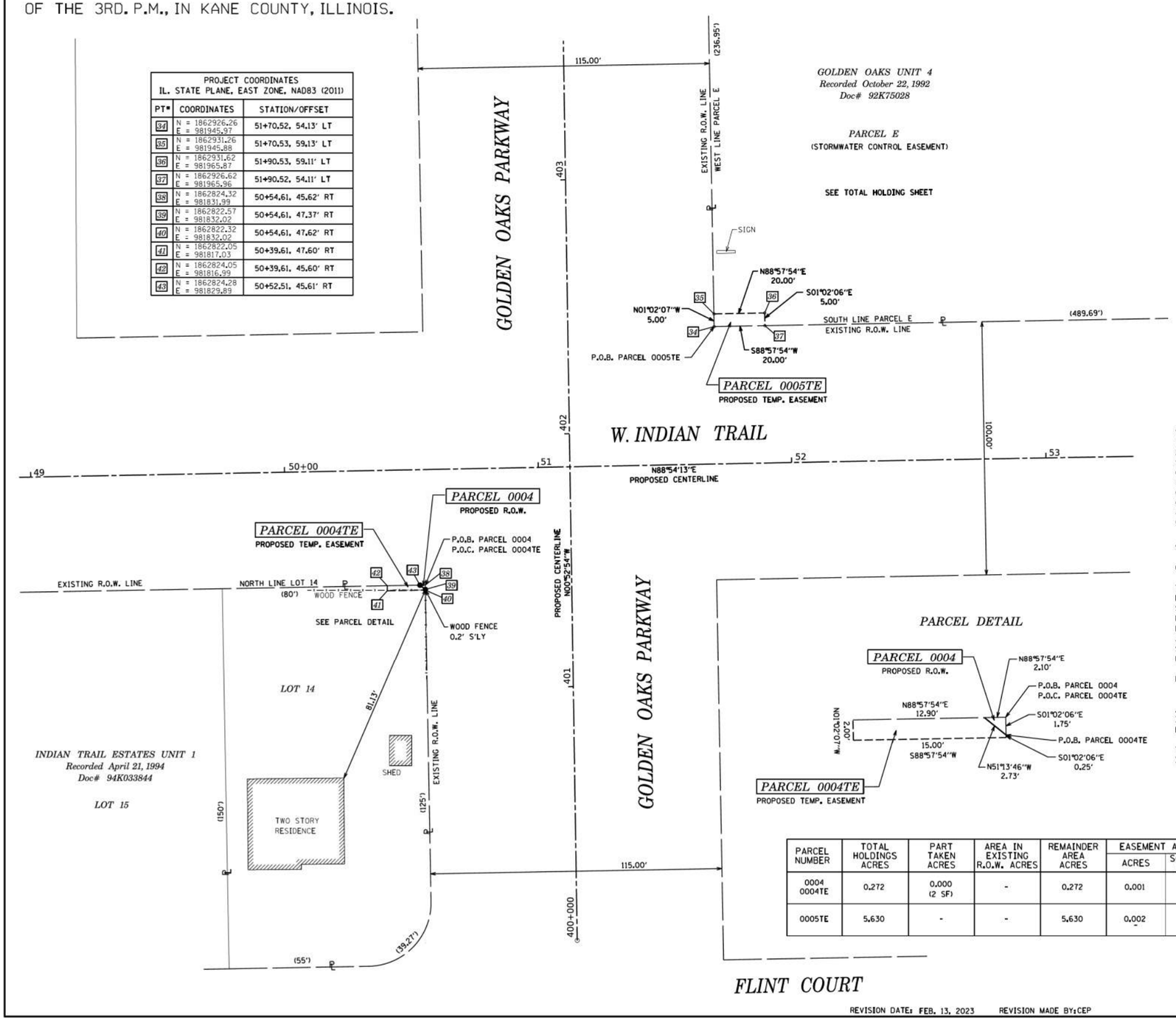
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	31

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

PART OF THE NE 1/4 OF SECTION 17, TWP. 38 N., R. 8 E. &
PART OF THE SE 1/4 OF SECTION 8, TWP. 38 N., R. 8 E.
OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT*	COORDINATES	STATION/OFFSET
34	N = 1862926.26 E = 981945.97	51+70.52, 54.13' LT
35	N = 1862931.26 E = 981945.88	51+70.53, 59.13' LT
36	N = 1862931.62 E = 981965.87	51+90.53, 59.11' LT
37	N = 1862926.62 E = 981965.96	51+90.52, 54.11' LT
38	N = 1862824.32 E = 981831.99	50+54.61, 45.62' RT
39	N = 1862822.57 E = 981832.02	50+54.61, 47.37' RT
40	N = 1862822.32 E = 981832.02	50+54.61, 47.62' RT
41	N = 1862822.05 E = 981817.03	50+39.61, 47.60' RT
42	N = 1862824.05 E = 981816.99	50+39.61, 45.60' RT
43	N = 1862824.28 E = 981829.89	50+52.51, 45.61' RT



REVISION DATE: FEB. 13, 2023 REVISION MADE BY: CEP

LEGEND

SECTION CORNER — QUARTER SECTION CORNER

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

N

GRAPHIC SCALE FEET
SCALE: 1" = 20'

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

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOW BY THE COMBINATION FACTOR OF 0.999951508.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED IN NOVEMBER 2022.

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 8 AND 17, TOWNSHIP 38 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED AT SUGAR GROVE, ILLINOIS THIS 28TH DAY OF SEPTEMBER, 2023.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3678
LICENSE EXPIRATION DATE: 11/30/24

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

CHRIS E. PETERSON 035-003678 PROFESSIONAL LAND SURVEYOR SUGAR GROVE STATE OF ILLINOIS

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com
P21021/PHASE 2/PLAT OF HIGHWAY 2

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0004 0004TE	0.272	0.000 (2 SF)	-	0.272	0.001	28	15-17-226-015
0005TE	5.630	-	-	5.630	0.002	100	15-08-478-001

PLAT OF HIGHWAYS

CITY OF AURORA, ILLINOIS

ROUTE: W. INDIAN TRAIL (FAU 1503)

LIMITS: EDGELAWN TO HIGHLAND
COUNTY: KANE
SECTION: 21-00339-00-CH
JOB NO.: R-55-001-97
STA. 49+00.00 TO STA. 53+00.00
SCALE: 1" = 20'
SHEET 4 OF 9 SHEETS

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60505

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS

SCALE: NONE | SHEET 3 OF 8 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	32

CONTRACT NO. 61J91

ILLINOIS FED. AID PROJECT

PART OF THE NW 1/4 OF SECTION 16, TWP. 38 N., R. 8 E. &
PART OF THE SW 1/4 OF SECTION 9, TWP. 38 N., R. 8 E.
OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0006	0.200	0.002 (85 SF)	-	0.198	-	-	15-09-355-007
0007	1.941	0.005 (200 SF)	-	1.936	-	-	15-16-101-031 15-16-101-024 THRU 15-16-101-030

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOW BY THE COMBINATION FACTOR OF 0.999951508.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED IN NOVEMBER 2022.

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

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LICENSE EXPIRATION DATE: 11/30/24

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CHRIS E. PETERSON
035-003678
PROFESSIONAL LAND SURVEYOR
SUGAR GROVE
STATE OF ILLINOIS

LEGEND

SECTION CORNER
QUARTER SECTION CORNER

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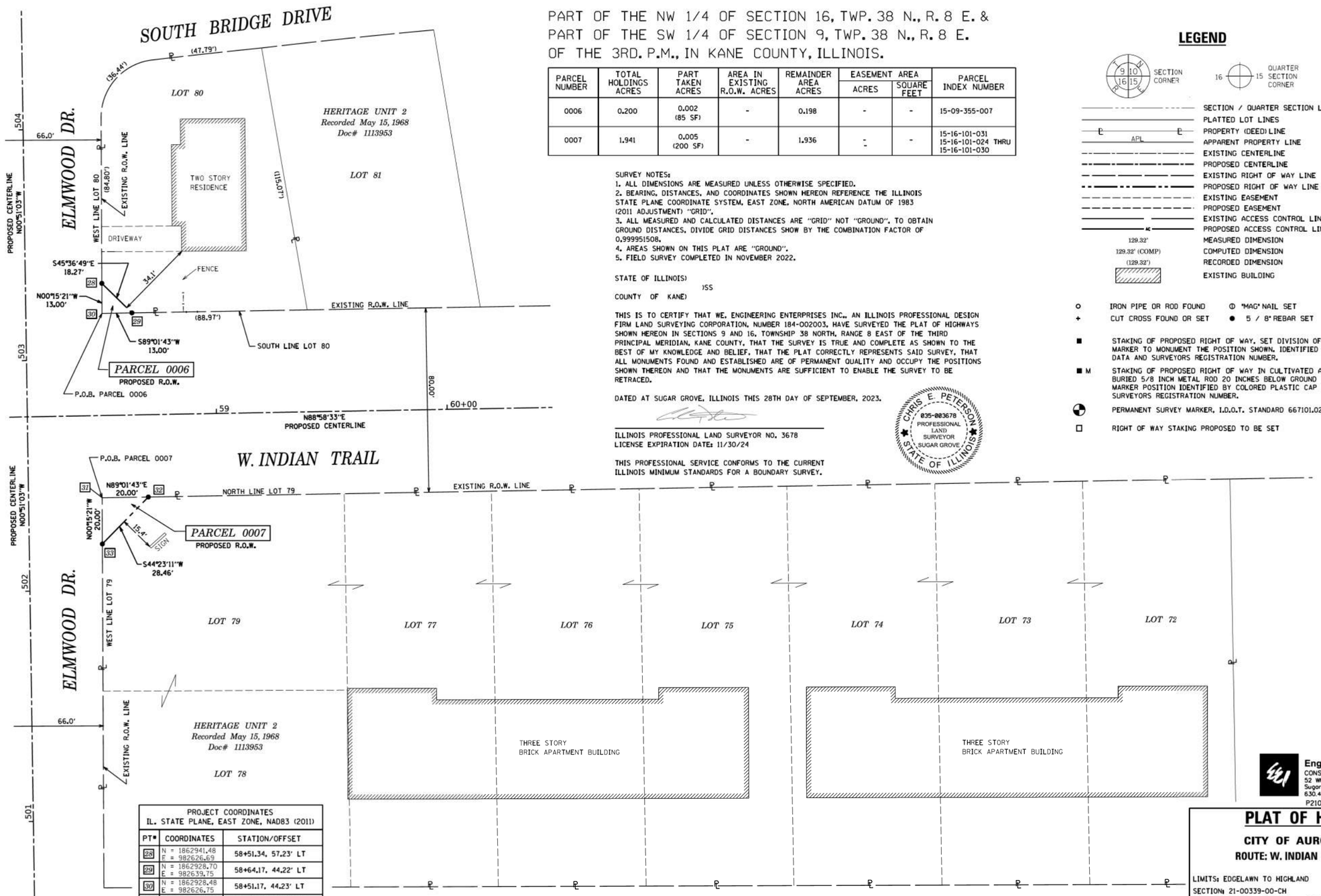
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

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

N

GRAPHIC SCALE FEET
SCALE: 1"= 20'



PROJECT COORDINATES
IL. STATE PLANE, EAST ZONE, NAD83 (2011)

PT#	COORDINATES	STATION/OFFSET
28	N = 1862941.48 E = 982626.69	58+51.34, 57.23' LT
29	N = 1862928.70 E = 982639.75	58+64.17, 44.22' LT
30	N = 1862928.48 E = 982626.75	58+51.17, 44.23' LT
31	N = 1862848.46 E = 982626.84	58+49.83, 35.77' RT
32	N = 1862848.80 E = 982646.84	58+69.83, 35.79' RT
33	N = 1862828.46 E = 982626.93	58+49.56, 55.77' RT

REVISION DATE: JAN. 23, 2023 REVISION MADE BY: JMB

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com
P21021/PHASE 2/PLAT OF HIGHWAY 2

PLAT OF HIGHWAYS

CITY OF AURORA, ILLINOIS

ROUTE: W. INDIAN TRAIL (FAU 1503)

LIMITS: EDGELAWN TO HIGHLAND
COUNTY: KANE
SECTION: 21-00339-00-CH
JOB NO.: R-55-001-97
STA. 58+00.00 TO STA. 60+00.00
SCALE: 1" = 20'
SHEET 5 OF 9 SHEETS

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60505

MODEL: $MODELNAME
FILE NAME: $FILEL$

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8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

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	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS

SCALE: NONE | SHEET 4 OF 8 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	33

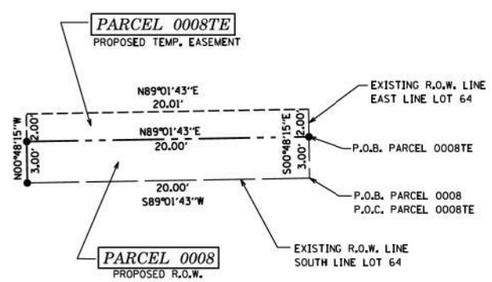
CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

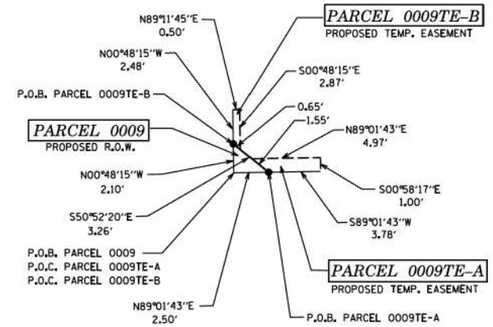
PART OF THE SW 1/4 OF SECTION 9, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT*	COORDINATES	STATION/OFFSET
13	N = 1862948.65 E = 983521.76	67+46.40, 48.41' LT
14	N = 1862948.99 E = 983541.77	67+66.40, 48.39' LT
15	N = 1862946.65 E = 983521.80	67+46.40, 46.41' LT
16	N = 1862946.99 E = 983541.80	67+66.40, 46.39' LT
17	N = 1862943.66 E = 983521.84	67+46.39, 43.41' LT
18	N = 1862943.99 E = 983541.84	67+66.39, 43.39' LT
19	N = 1862949.69 E = 983607.76	68+32.40, 47.91' LT
20	N = 1862949.70 E = 983608.26	68+32.90, 47.90' LT
21	N = 1862946.80 E = 983608.30	68+32.89, 45.01' LT
22	N = 1862946.14 E = 983609.12	68+33.70, 44.33' LT
23	N = 1862946.22 E = 983614.09	68+38.66, 44.32' LT
24	N = 1862945.22 E = 983614.10	68+38.66, 43.32' LT
25	N = 1862945.16 E = 983610.33	68+34.88, 43.33' LT
26	N = 1862945.11 E = 983607.83	68+32.38, 43.33' LT
27	N = 1862947.21 E = 983607.80	68+32.39, 45.43' LT

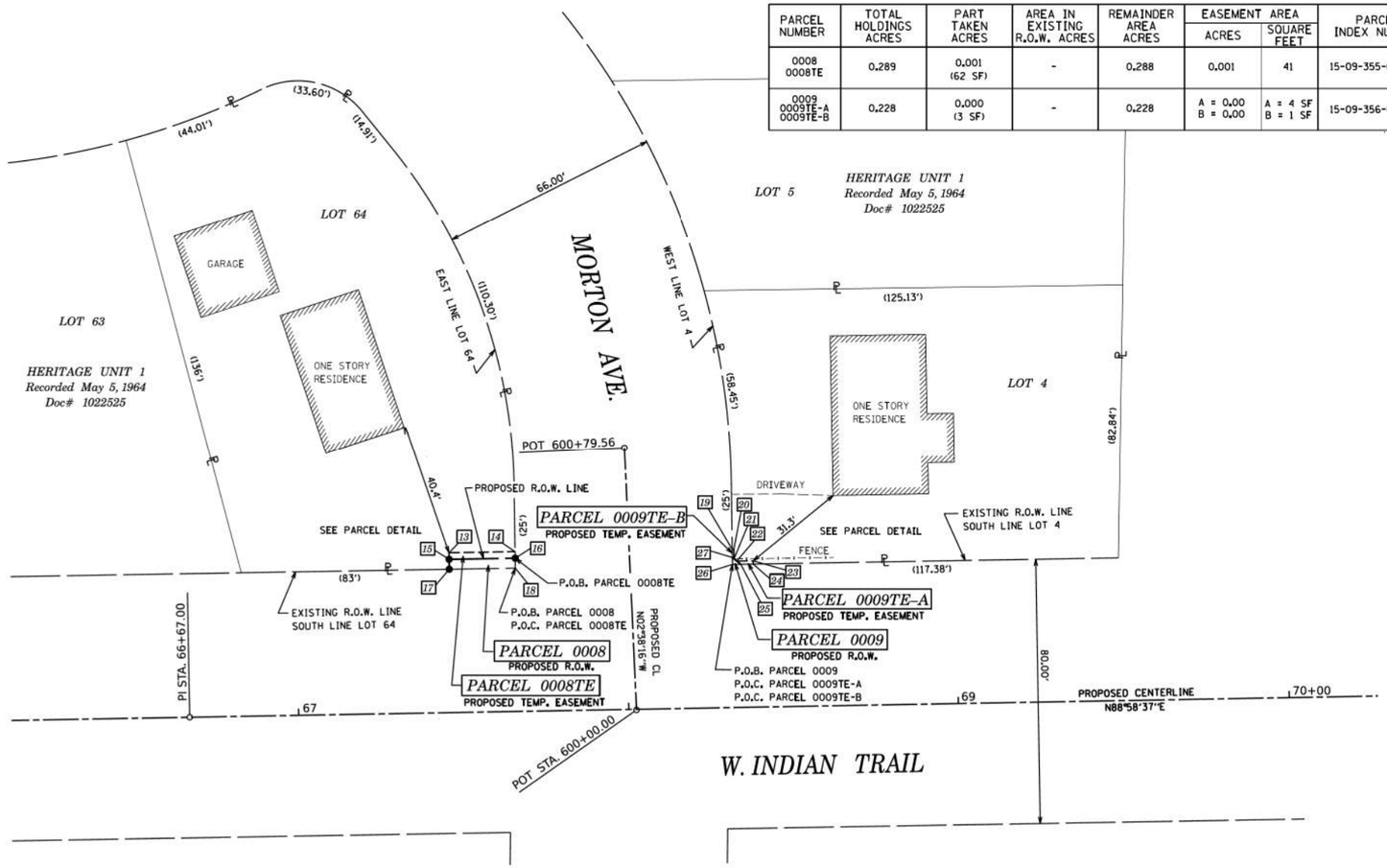
PARCEL DETAIL



PARCEL DETAIL



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0008 0008TE	0.289	0.001 (62 SF)	-	0.288	0.001	41	15-09-355-006
0009 0009TE-A 0009TE-B	0.228	0.000 (3 SF)	-	0.228	A = 0.00 B = 0.00	A = 4 SF B = 1 SF	15-09-356-007



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
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PROPOSED ACCESS CONTROL LINE
129.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

N

GRAPHIC SCALE FEET
0 20'
SCALE: 1"= 20'

IRON PIPE OR ROD FOUND
"MAG" NAIL SET
CUT CROSS FOUND OR SET
5 / 8" REBAR SET

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)

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SURVEY NOTES:
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STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

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ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3678
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CHRIS E. PETERSON
035-003678
PROFESSIONAL LAND SURVEYOR
SUGAR GROVE
STATE OF ILLINOIS

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CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com
P21021/PHASE 2/PLAT OF HIGHWAY 2

PLAT OF HIGHWAYS

CITY OF AURORA, ILLINOIS

ROUTE: W. INDIAN TRAIL (FAU 1503)

LIMITS: EDGELAWN TO HIGHLAND
COUNTY: KANE
SECTION: 21-00339-00-CH
JOB NO.: R-55-001-97
STA. 67+00.00 TO STA. 70+00.00
SCALE: 1" = 20'
SHEET 6 OF 9 SHEETS

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60505

REVISION DATE: FEB 13, 2023 REVISION MADE BY: CEP

MODEL: $MODELNAMES
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS

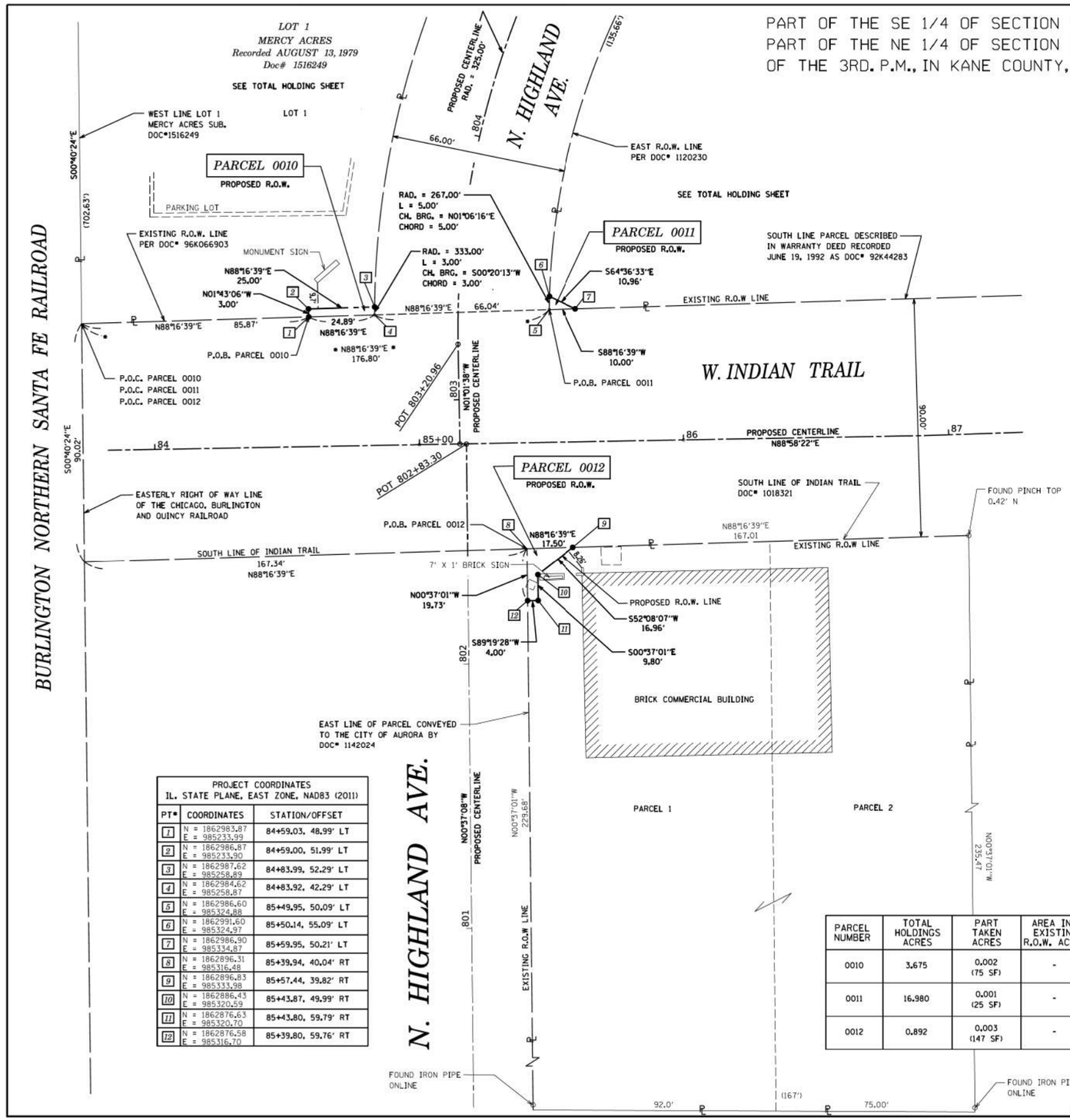
SCALE: NONE | SHEET 5 OF 8 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	34

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

PART OF THE SE 1/4 OF SECTION 9, TWP. 38 N., R. 8 E. &
PART OF THE NE 1/4 OF SECTION 16, TWP. 38 N., R. 8 E.
OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.



PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)		
PT#	COORDINATES	STATION/OFFSET
1	N = 1862983.87 E = 985233.99	84+59.03, 48.99' LT
2	N = 1862986.87 E = 985233.90	84+59.00, 51.99' LT
3	N = 1862987.62 E = 985258.89	84+83.99, 52.29' LT
4	N = 1862984.62 E = 985258.87	84+83.92, 42.29' LT
5	N = 1862986.60 E = 985324.88	85+49.95, 50.09' LT
6	N = 1862991.60 E = 985324.97	85+50.14, 55.09' LT
7	N = 1862986.90 E = 985334.87	85+59.95, 50.21' LT
8	N = 1862896.31 E = 985316.48	85+39.94, 40.04' RT
9	N = 1862896.83 E = 985333.98	85+57.44, 39.82' RT
10	N = 1862886.43 E = 985320.59	85+43.87, 49.99' RT
11	N = 1862876.63 E = 985320.70	85+43.80, 59.79' RT
12	N = 1862876.58 E = 985316.70	85+39.80, 59.76' RT

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0010	3.675	0.002 (75 SF)	-	3.673	-	-	15-09-400-069 15-09-400-031 15-09-400-040
0011	16.980	0.001 (25 SF)	-	16.979	- -	-	15-09-400-042 15-09-400-061
0012	0.892	0.003 (147 SF)	-	0.889	-	-	15-16-201-021

LEGEND

SECTION CORNER (9 10 16 15)
QUARTER SECTION CORNER (16 — 15)

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

N

GRAPHIC SCALE
FEET
0 20'
SCALE: 1"= 20'

- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ "MAG" NAIL SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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P21021/PHASE 2/PLAT OF HIGHWAY

REVISION DATE: JAN. 23, 2023 REVISION MADE BY: JMB

PLAT OF HIGHWAYS

CITY OF AURORA, ILLINOIS

ROUTE: W. INDIAN TRAIL (FAU 1503)

LIMITS: EDGELAWN TO HIGHLAND
COUNTY: KANE
SECTION: 21-00339-00-CH
JOB NO.: R-55-001-97
STA. 84+00.00 TO STA. 87+00.00
SCALE: 1" = 20'
SHEET 7 OF 9 SHEETS

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MODEL: $MODELNAME
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PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS

SCALE: NONE | SHEET 6 OF 8 SHEETS | STA. TO STA.

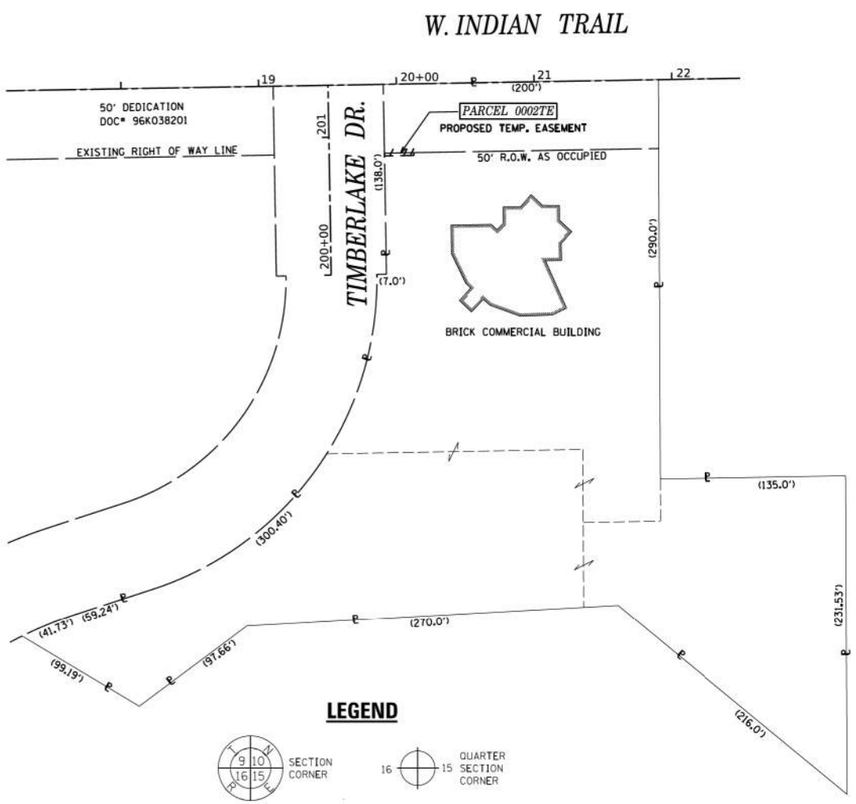
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	35

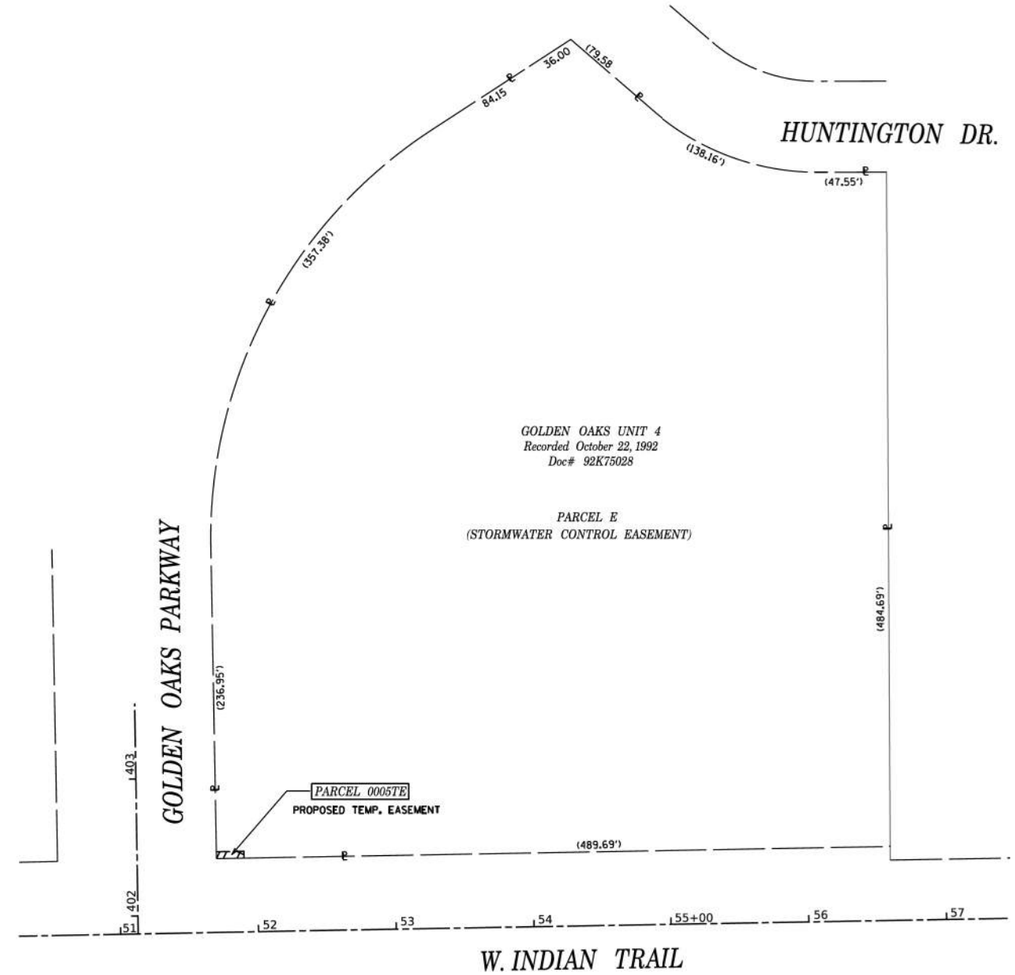
CONTRACT NO. 61J91
ILLINOIS | FED. AID PROJECT

PART OF THE NW 1/4 OF SECTION 17, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

TOTAL HOLDING SHEET

PART OF THE SE 1/4 OF SECTION 8, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.





LEGEND

SECTION CORNER (9 10 16 15)

QUARTER SECTION CORNER (16 15)

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

N

GRAPHIC SCALE FEET
0 50'
SCALE: 1"= 50'

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

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 38 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED AT SUGAR GROVE, ILLINOIS THIS 28TH DAY OF SEPTEMBER, 2023.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3678
LICENSE EXPIRATION DATE: 11/30/24

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

CHRIS E. PETERSON
035-003678
PROFESSIONAL LAND SURVEYOR
SUGAR GROVE
STATE OF ILLINOIS

REVISION DATE: FEB. 13, 2023 REVISION MADE BY: CEP

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

EEI PROJECT: P21021/PHASE 2/PLAT OF HIGHWAY 2

PLAT OF HIGHWAYS

CITY OF AURORA, ILLINOIS

ROUTE: W. INDIAN TRAIL (FAU 1503)

LIMITS: EDGELAWN TO HIGHLAND
SECTION: 21-00339-00-CH
STA. TO STA.
SCALE: 1" = 50'

COUNTY: KANE
JOB NO.: R-55-001-97
SHEET 8 OF 9 SHEETS

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60505

MODEL: $MODELNAME$
FILE NAME: $FILE$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS

SCALE: NONE | SHEET 7 OF 8 SHEETS | STA. TO STA.

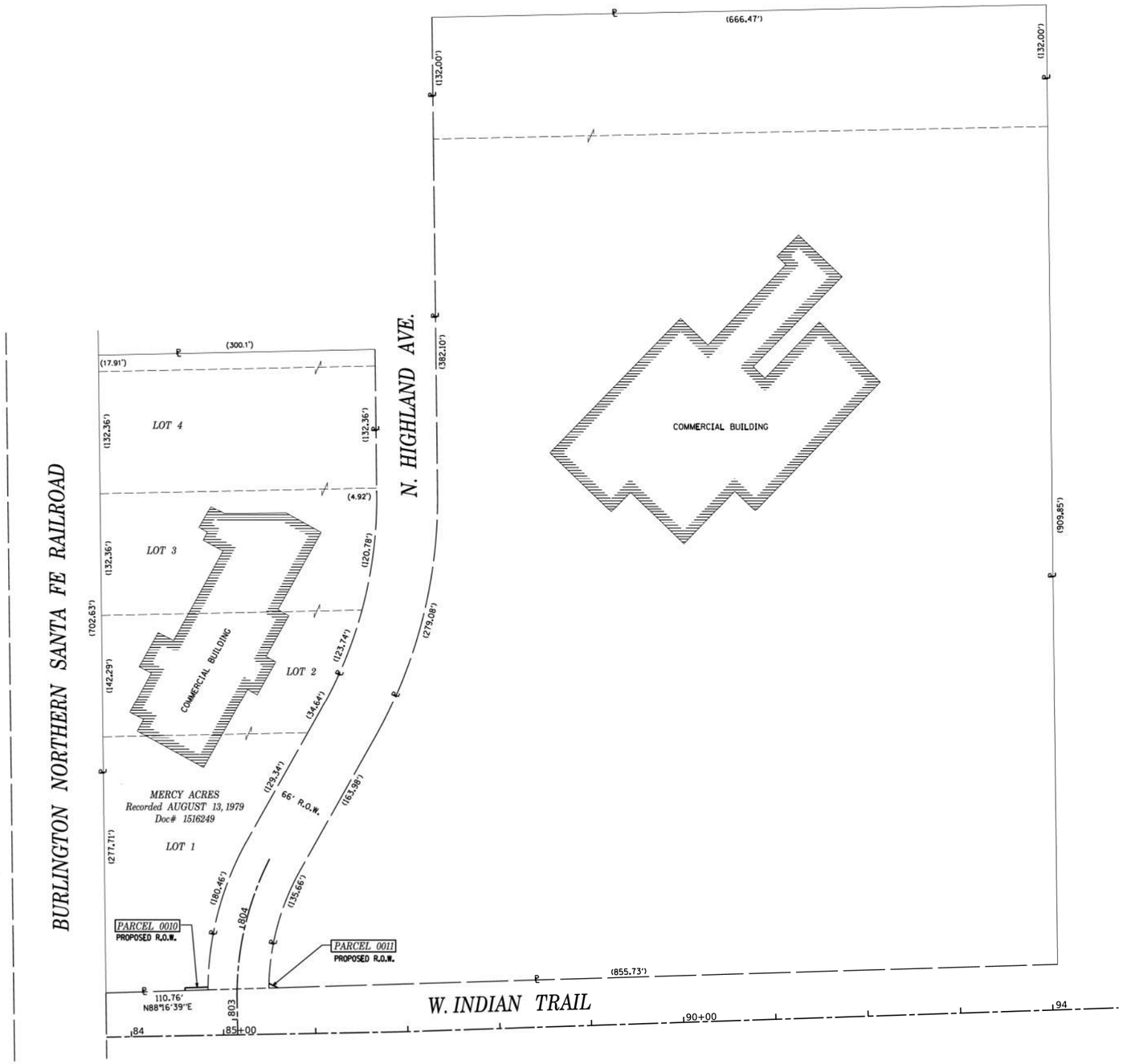
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	36

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

PART OF THE SE 1/4 OF SECTION 9, TWP. 38 N., R. 8 E.
OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

TOTAL HOLDING SHEET



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET
SCALE: 1"= 60'

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

- o IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊙ "MAG" NAIL SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- PERMANENT SURVEY MARKER. I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

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DATED AT SUGAR GROVE, ILLINOIS THIS 28TH DAY OF SEPTEMBER, 2023.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3678
LICENSE EXPIRATION DATE: 11/30/24

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

CHRIS E. PETERSON
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PROFESSIONAL LAND SURVEYOR
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STATE OF ILLINOIS

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
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EEI PROJECT: P21021/PHASE 2/PLAT OF HIGHWAY 2

PLAT OF HIGHWAYS

CITY OF AURORA, ILLINOIS

ROUTE: W. INDIAN TRAIL (FAU 1503)

LIMITS: EDGELAWN TO HIGHLAND
SECTION: 21-00339-00-CH
STA. TO STA.
SCALE: 1" = 60'

COUNTY: KANE
JOB NO.: R-55-001-97

SHEET 9 OF 9 SHEETS

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60505

REVISION DATE: FEB. 13, 2023 REVISION MADE BY: CEP

MODEL: $MODELNAME$
FILE NAME: $FILE$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

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PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS

SCALE: NONE | SHEET 8 OF 8 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	37

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

INDIAN TRAIL TRAFFIC CONTROL PLAN

TRAFFIC CONTROL AND PROTECTION GENERAL NOTES:

1. APPLICABLE STANDARDS

   IDOT STANDARDS: 701001-02
   701006-05
   701301-04
   701427-05
   701502-09
   701602-10
   701606-10
   701701-10
   701801-06
   701901-09

   DISTRICT ONE STANDARDS: TC-10
   TC-13
   TC-14
   TC-16
   TC-22

2. NO WORK SHALL BEGIN UNTIL THE TRAFFIC CONTROL MEASURES ARE IN PLACE. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE TRAFFIC PROTECTION BY THE APPLICATION OF TRAFFIC CONTROL DEVICES ACCORDING TO THE "STANDARD SPECIFICATIONS"AND AS SHOWN ON THE PLANS.

3. THE TEMPORARY TRAFFIC CONTROL STANDARDS IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE ABOVE HIGHWAY STANDARDS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS UNLESS OTHERWISE SHOWN ON THE PLANS OR IN THE SPECIAL PROVISIONS.

4. ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MOUNTED WITH THE SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS ON FLUORESCENT ORANGE REFLECTIVE SHEETING.

5. ALL CONSTRUCTION SIGNS, BARRICADES AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR.

6. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED.

7. THE SIGN SPACING FOR THE ABOVE HIGHWAY STANDARDS SHALL BE ACCORDING TO THE SIGN SPACING TABLE SHOWN ON THIS TRAFFIC CONTROL PLAN.

8. ROAD NAME PLATES SHALL BE INSTALLED ON THE "ROAD CONSTRUCTION AHEAD" SIGNS AT THE INTERSECTIONS SHOWN ON THIS TRAFFIC CONTROL PLAN. THE ROAD NAME PLATES SHALL BE 9 INCH BLANKS WITH 6 INCH UPPERCASE AND 4.5 INCH LOWERCASE LETTERING. THE ROAD NAME PLATES SHALL BE FURNISHED BY THE CONTRACTOR.

9. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS.

10. THE CONTRACTOR SHALL NOT PLACE THE FINAL HMA SURFACE COURSE UNTIL ALL UNDERGROUND WORK HAS BEEN COMPLETED.

11. THE CONTRACTOR SHALL PLACE CHANGEABLE MESSAGE SIGNS AT EACH APPROACH 7 DAYS IN ADVANCE OF SWITCHING THE TRAFFIC SIGNAL(S) FROM THE EXISTING SYSTEM TO THE PROPOSED SYSTEM. THE CHANGEABLE MESSAGE SIGN SHALL REMAIN IN PLACE FOR 7 DAYS AFTER THE FLASHING YELLOW ARROW SIGNALS ARE IN OPERATION TO ALERT MOTORISTS OF THE CHANGE IN OPERATIONS AT THE INTERSECTION.

TEMPORARY SIGN LEGEND:

W20-I103(O)-48

W17-I100 (O)-9xVARIABLE

M6-1R (O)-2115

M6-1L (O)-2115

M6-4 (O)-2115

EROSION CONTROL NOTES:

1. ANY SEDIMENT OR SOIL TRACKED OFF THE SITE SHALL BE REMOVED BY SCRAPING OR STREET SWEEPING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT.

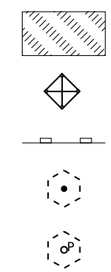
2. PERIMETER EROSION BARRIER SHALL BE INSTALLED AT LOCATIONS SPECIFIED IN THE PLANS AT 1 FOOT OUTSIDE THE TOE OF SLOPE OR INSIDE THE RIGHT-OF-WAY WHICHEVER IS CLOSER TO THE CENTERLINE, OR AS DIRECTED BY THE ENGINEER PRIOR TO THE START OF ANY EARTHWORK.

3. THE PERIMETER EROSION BARRIER SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH VEGETATION. AT THIS TIME, THE PERIMETER EROSION BARRIER SHALL BE REMOVED AND AREAS DAMAGED BY THE PERIMETER EROSION BARRIER REMOVAL SHALL BE RESTORED. THE RESTORATION OF THE AREA DISTURBED BY THE PERIMETER EROSION BARRIER REMOVAL SHALL BE INCLUDED IN THE PAY ITEM OF PERIMETER EROSION BARRIER.

4. ALL DISTURBED AREAS SHALL BE COVERED WITH EROSION CONTROL BLANKET.

5. THE CONTRACTOR SHALL PLACE TEMPORARY EROSION CONTROL MEASURES IN ACCORDANCE WITH THE SWPPP FOR ALL DISTURBED AREAS.

LEGEND:



SODDING, SALT TOLERANT

INLET FILTER

PERIMETER EROSION BARRIER

TREE TRUNK PROTECTION /
TREE ROOT PRUNING

TREE ROOT PRUNING

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

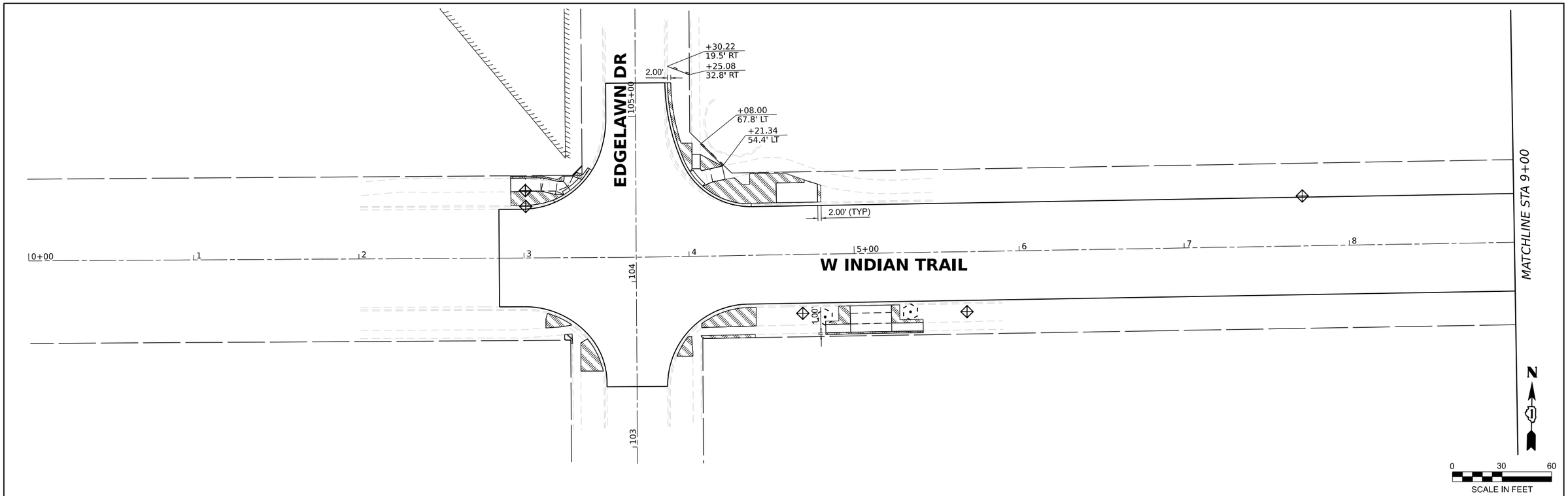
MAINTENANCE OF TRAFFIC
AND EROSION CONTROL NOTES

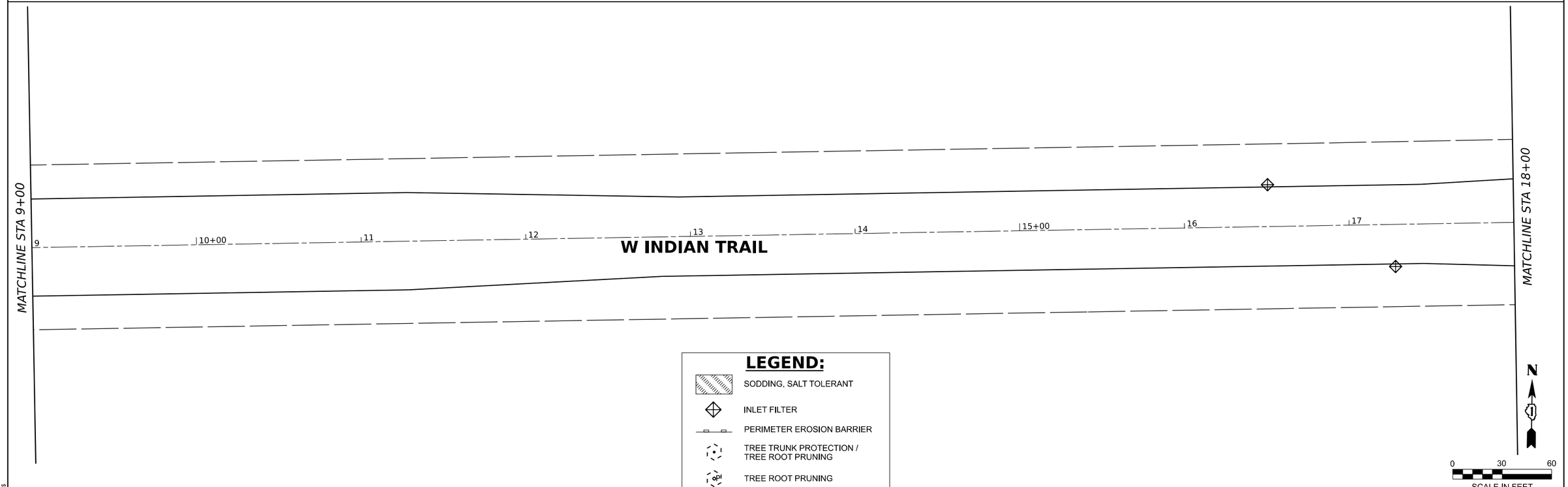
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	38

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT





LEGEND:

- SODDING, SALT TOLERANT
- INLET FILTER
- PERIMETER EROSION BARRIER
- TREE TRUNK PROTECTION / TREE ROOT PRUNING
- TREE ROOT PRUNING

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

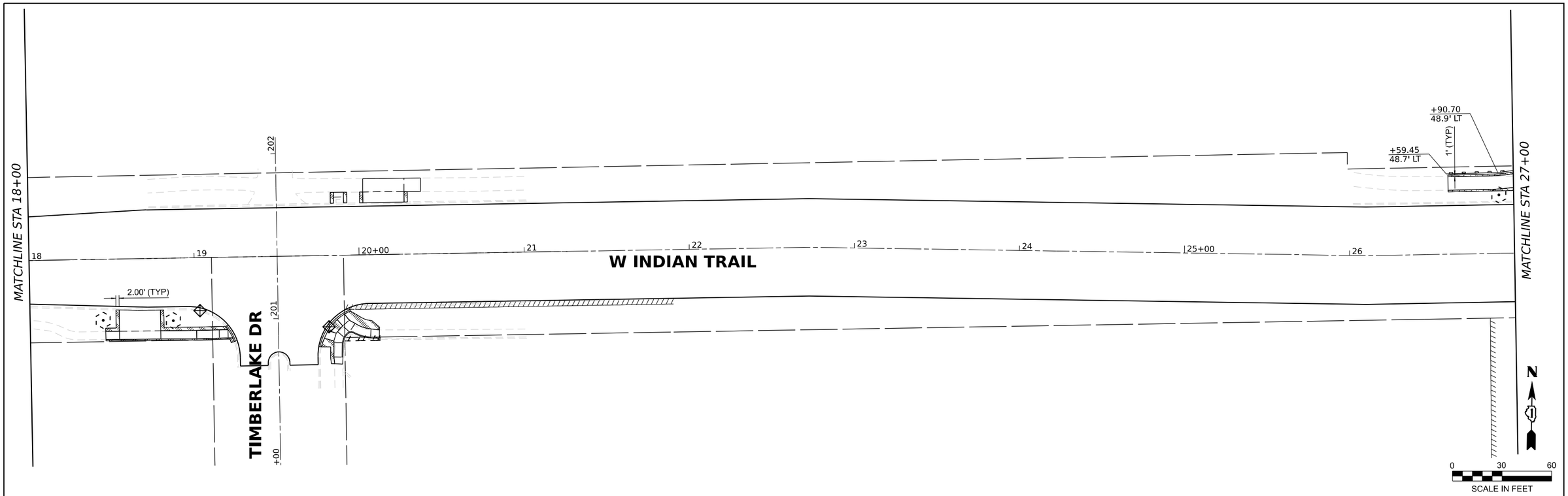
EROSION CONTROL AND LANDSCAPING PLAN

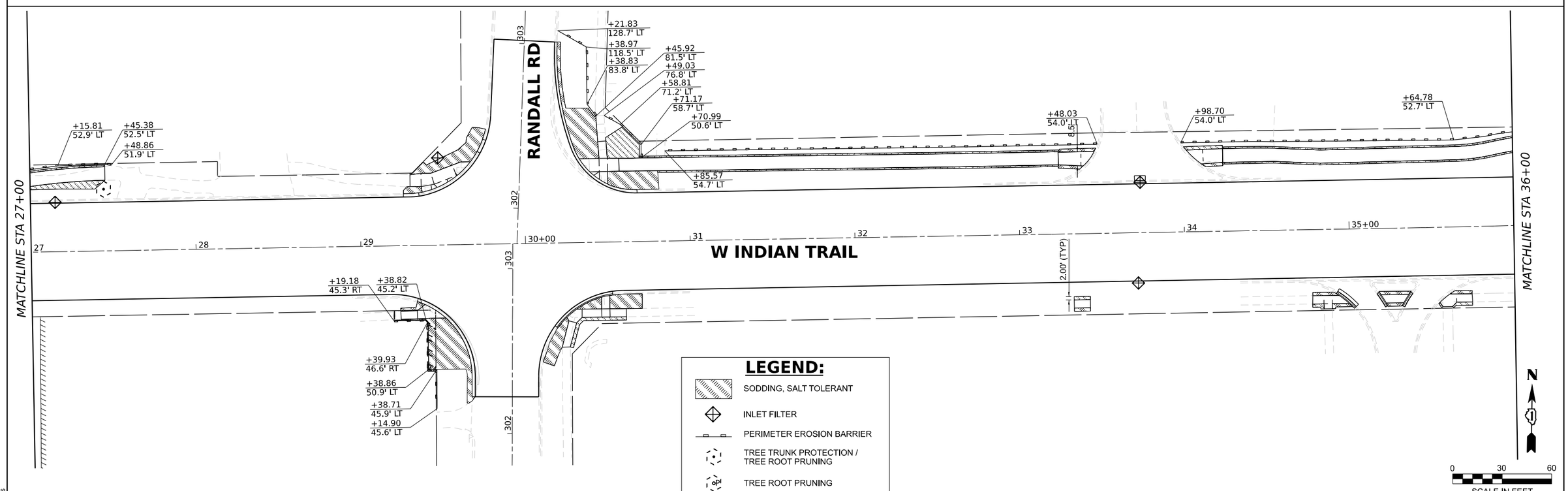
SCALE: 1"=30' | SHEET 1 OF 5 SHEETS | STA. 0+00 TO STA. 18+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	39

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT





LEGEND:

- SODDING, SALT TOLERANT
- INLET FILTER
- PERIMETER EROSION BARRIER
- TREE TRUNK PROTECTION / TREE ROOT PRUNING
- TREE ROOT PRUNING

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
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Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - CEG	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

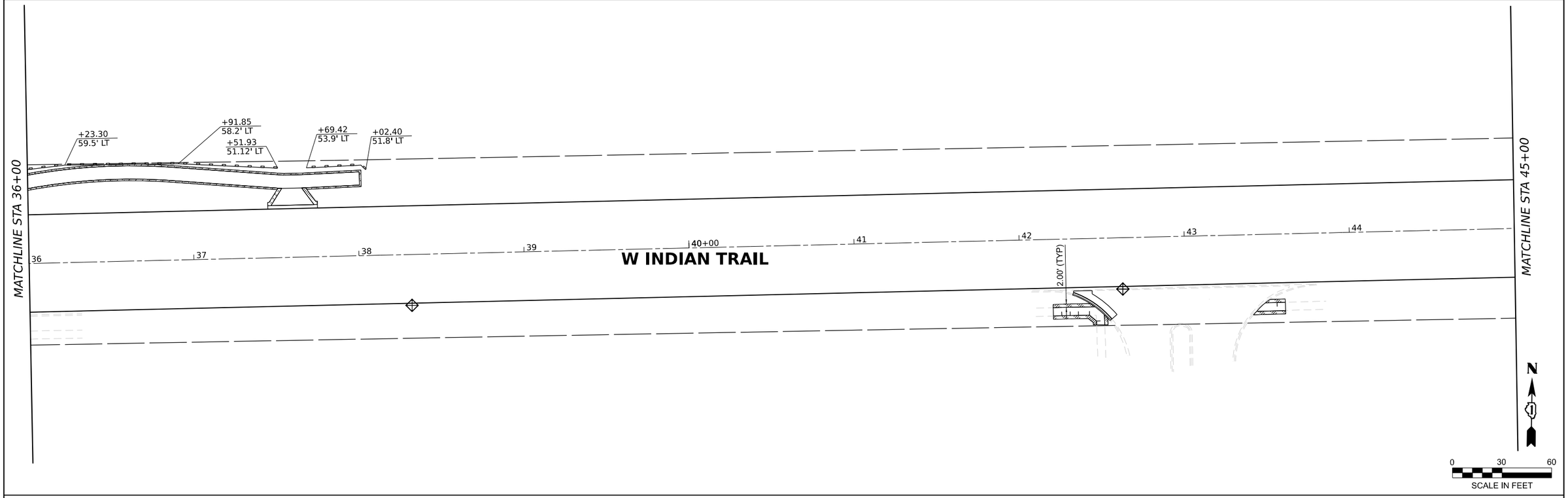
EROSION CONTROL AND LANDSCAPING PLAN

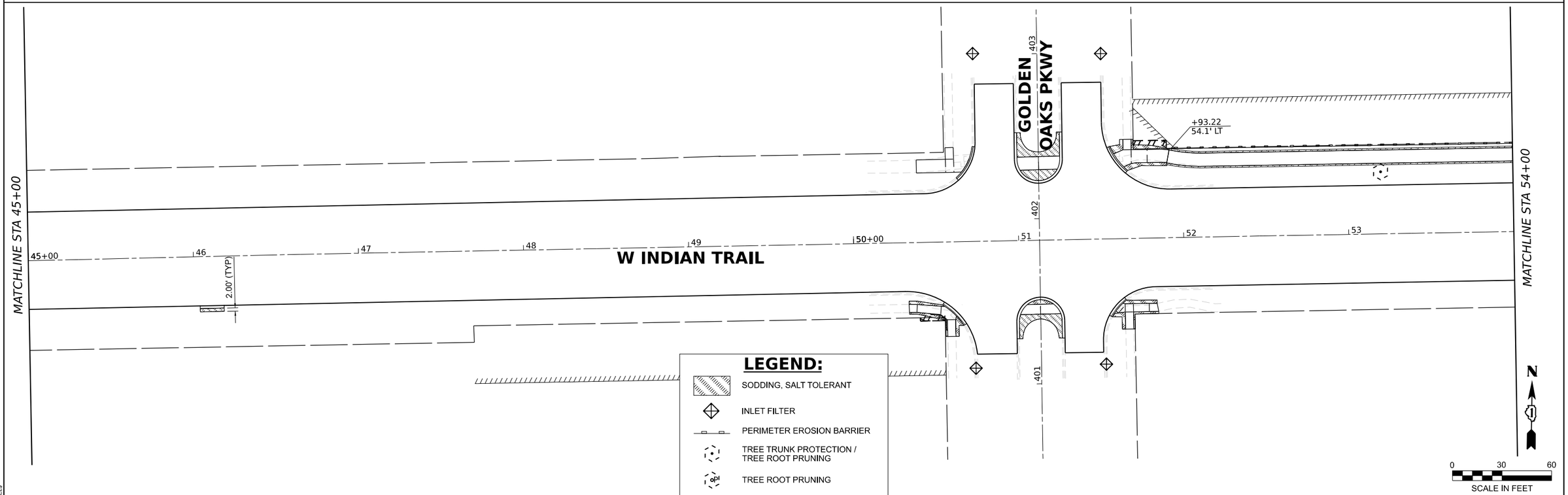
SCALE: 1"=30' | SHEET 2 OF 5 SHEETS | STA. 18+00 TO STA. 36+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	40

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT





LEGEND:

- SODDING, SALT TOLERANT
- INLET FILTER
- PERIMETER EROSION BARRIER
- TREE TRUNK PROTECTION / TREE ROOT PRUNING
- TREE ROOT PRUNING

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

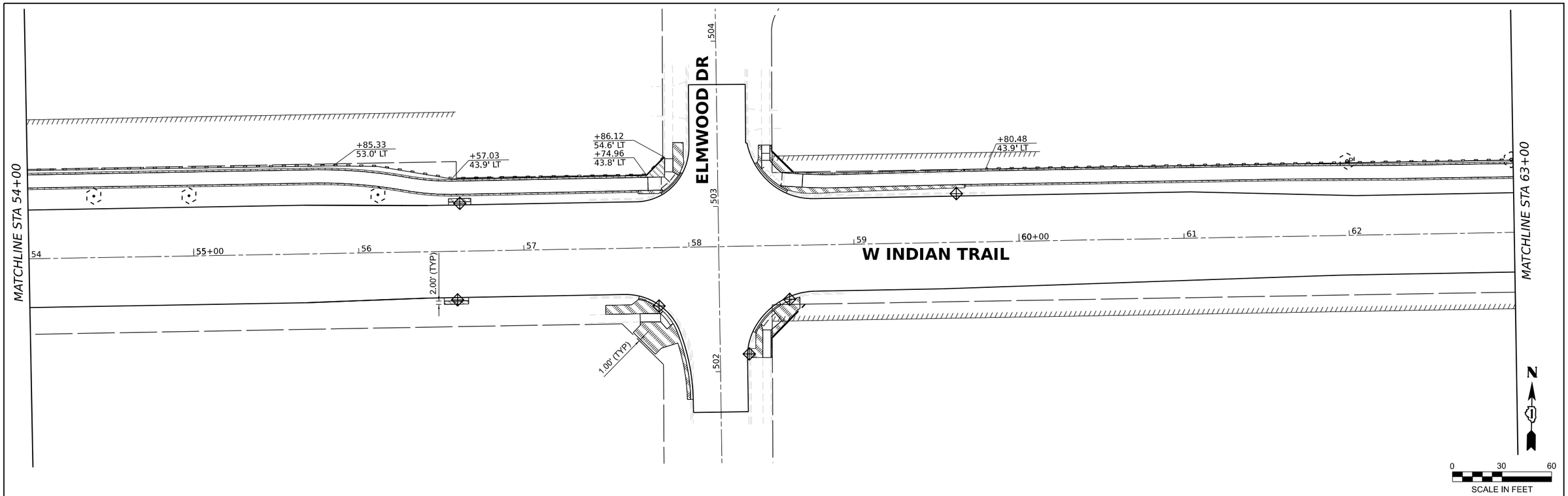
EROSION CONTROL AND LANDSCAPING PLAN

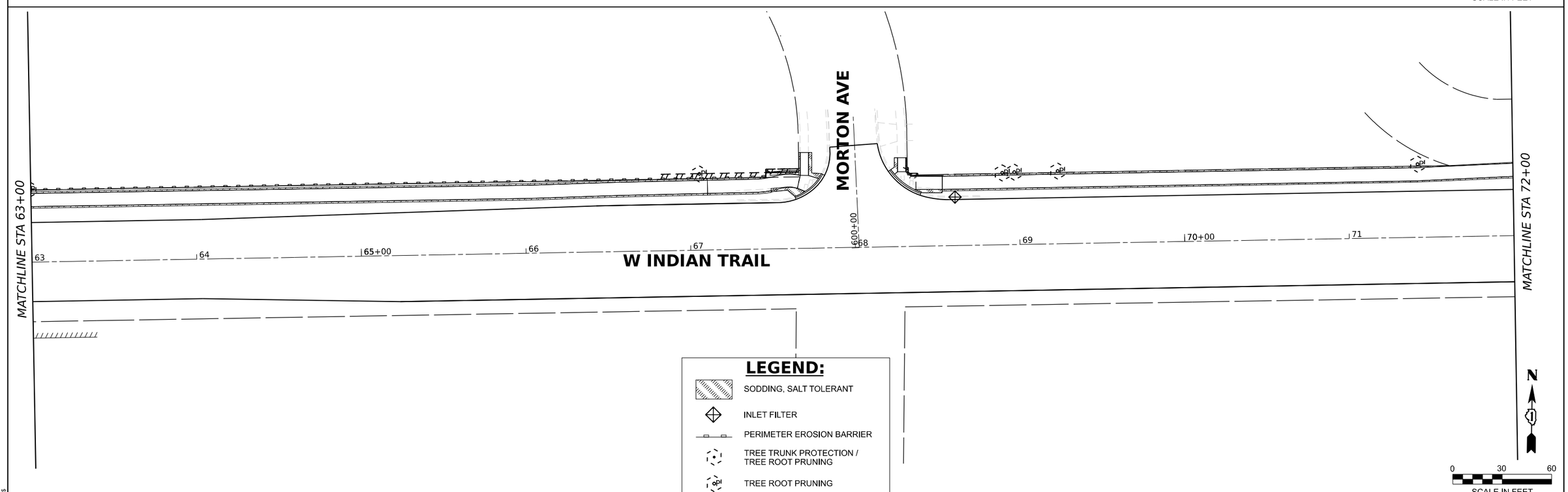
SCALE: 1"=30' | SHEET 3 OF 5 SHEETS | STA. 36+00 TO STA. 54+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	41

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT





LEGEND:

- SODDING, SALT TOLERANT
- INLET FILTER
- PERIMETER EROSION BARRIER
- TREE TRUNK PROTECTION / TREE ROOT PRUNING
- TREE ROOT PRUNING

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

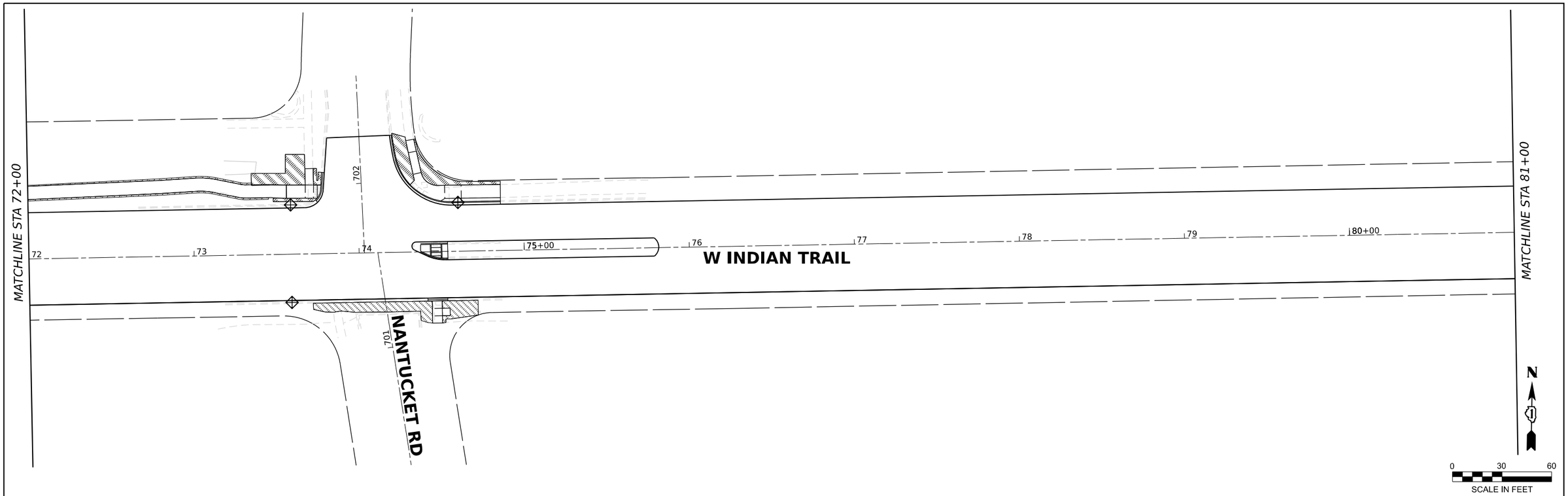
EROSION CONTROL AND LANDSCAPING PLAN

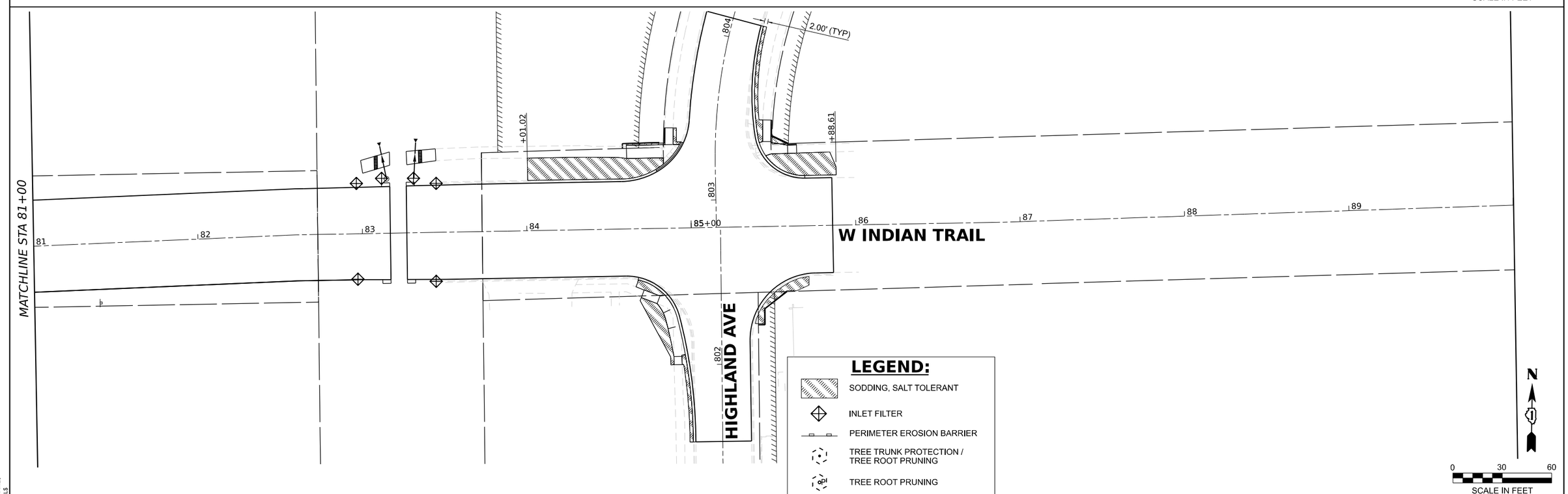
SCALE: 1"=30' | SHEET 4 OF 5 SHEETS | STA. 54+00 TO STA. 72+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	42

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT





LEGEND:

- SODDING, SALT TOLERANT
- INLET FILTER
- PERIMETER EROSION BARRIER
- TREE TRUNK PROTECTION / TREE ROOT PRUNING
- TREE ROOT PRUNING

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

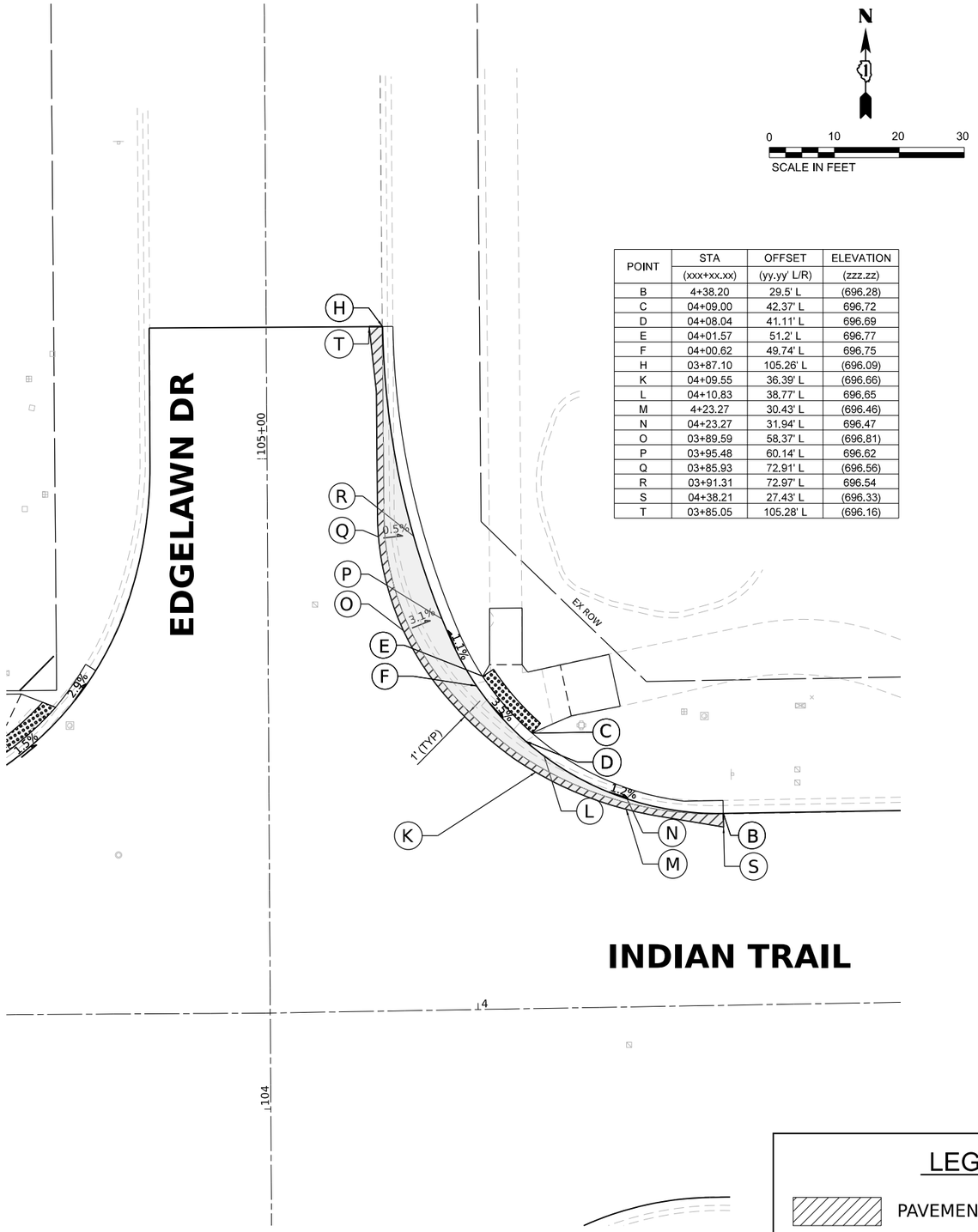
EROSION CONTROL AND LANDSCAPING PLAN

SCALE: 1"=30' | SHEET 5 OF 5 SHEETS | STA. 72+00 TO STA. 90+00

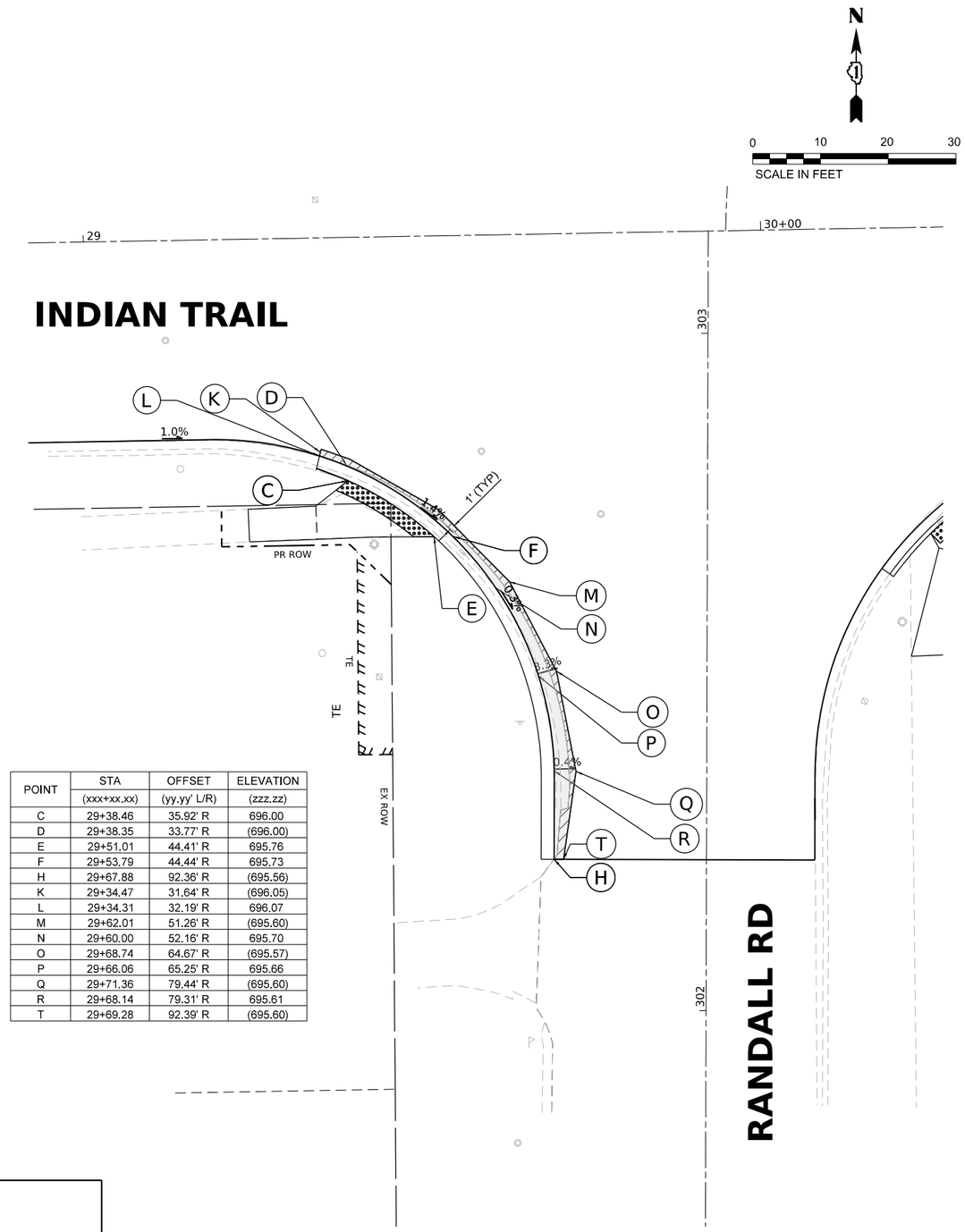
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	43

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
B	4+38.20	29.5' L	(696.28)
C	04+09.00	42.37' L	696.72
D	04+08.04	41.11' L	696.69
E	04+01.57	51.2' L	696.77
F	04+00.62	49.74' L	696.75
H	03+87.10	105.26' L	(696.09)
K	04+09.55	36.39' L	(696.66)
L	04+10.83	38.77' L	696.65
M	4+23.27	30.43' L	(696.46)
N	04+23.27	31.94' L	696.47
O	03+89.59	58.37' L	(696.81)
P	03+95.48	60.14' L	696.62
Q	03+85.93	72.91' L	(696.56)
R	03+91.31	72.97' L	696.54
S	04+38.21	27.43' L	(696.33)
T	03+85.05	105.28' L	(696.16)



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
C	29+38.46	35.92' R	696.00
D	29+38.35	33.77' R	(696.00)
E	29+51.01	44.41' R	695.76
F	29+53.79	44.44' R	695.73
H	29+67.88	92.36' R	(695.56)
K	29+34.47	31.64' R	(696.05)
L	29+34.31	32.19' R	696.07
M	29+62.01	51.26' R	(695.60)
N	29+60.00	52.16' R	695.70
O	29+68.74	64.67' R	(695.57)
P	29+66.06	65.25' R	695.66
Q	29+71.36	79.44' R	(695.60)
R	29+68.14	79.31' R	695.61
T	29+69.28	92.39' R	(695.60)

LEGEND:

PAVEMENT REMOVAL

BASE COURSE WIDENING 11"

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

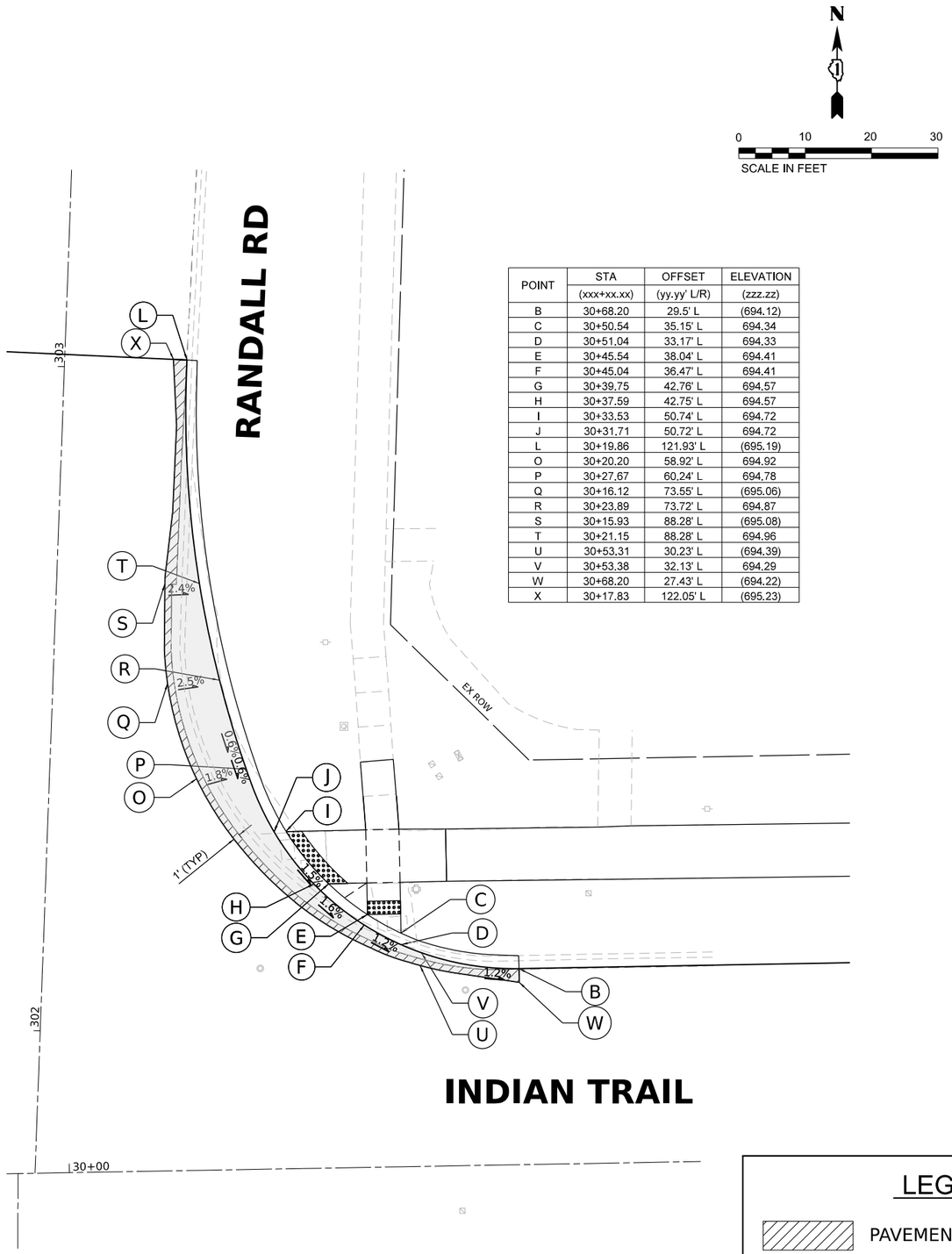
USER NAME = $USER$	DESIGNED - MAS	REVISED -
	DRAWN - MAS	REVISED -
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

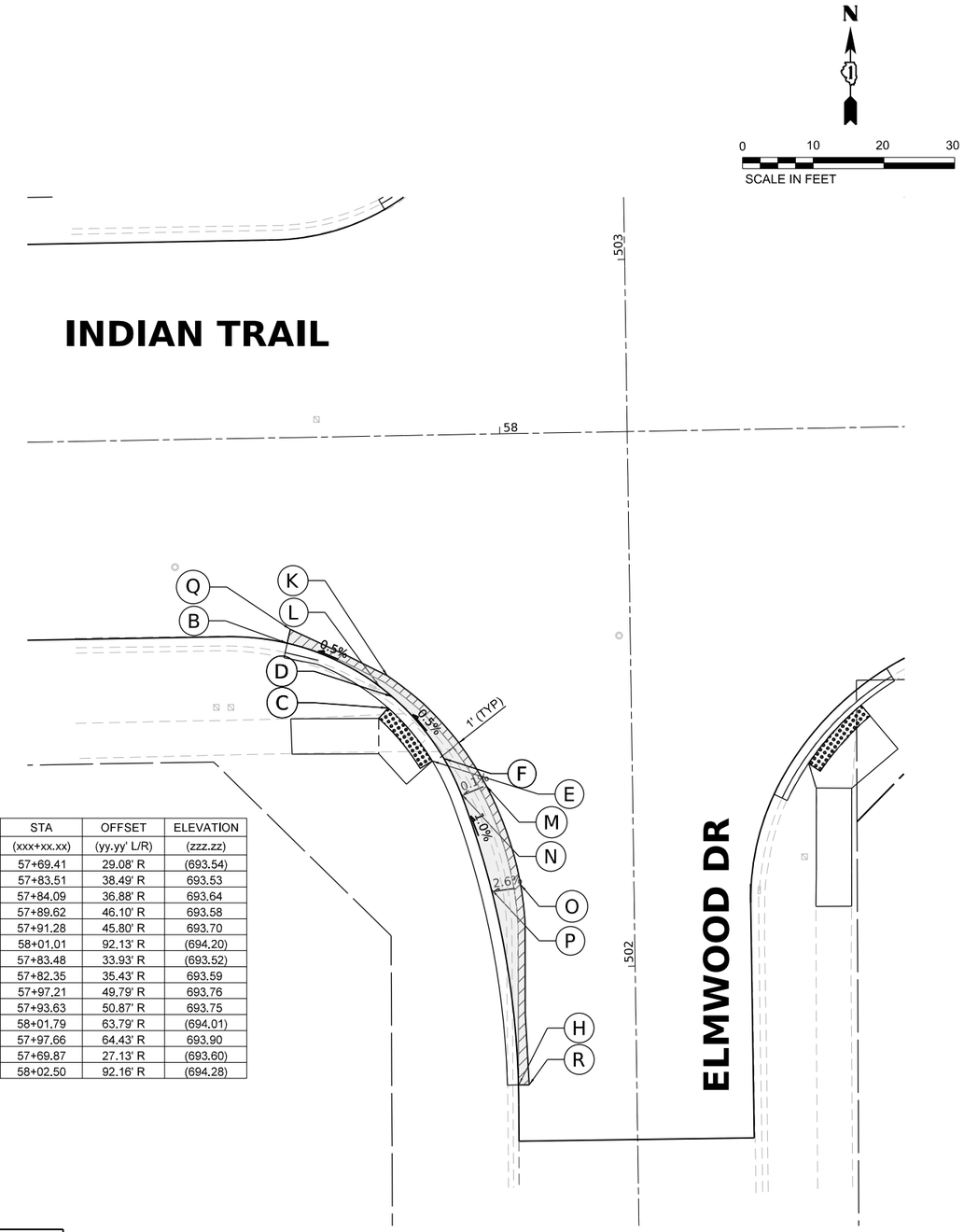
INTERSECTION DETAILS
EDGELAWN DRIVE /RANDALL ROAD

SCALE: 1"=10' | SHEET 1 OF 3 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	44
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
B	30+68.20	29.5' L	(694.12)
C	30+50.54	35.15' L	694.34
D	30+51.04	33.17' L	694.33
E	30+45.54	38.04' L	694.41
F	30+45.04	36.47' L	694.41
G	30+39.75	42.76' L	694.57
H	30+37.59	42.75' L	694.57
I	30+33.53	50.74' L	694.72
J	30+31.71	50.72' L	694.72
L	30+19.86	121.93' L	(695.19)
O	30+20.20	58.92' L	694.92
P	30+27.67	60.24' L	694.78
Q	30+16.12	73.55' L	(695.06)
R	30+23.89	73.72' L	694.87
S	30+15.93	88.28' L	(695.08)
T	30+21.15	88.28' L	694.96
U	30+53.31	30.23' L	(694.39)
V	30+53.38	32.13' L	694.29
W	30+68.20	27.43' L	(694.22)
X	30+17.83	122.05' L	(695.23)



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
B	57+69.41	29.08' R	(693.54)
C	57+83.51	38.49' R	693.53
D	57+84.09	36.88' R	693.64
E	57+89.62	46.10' R	693.58
F	57+91.28	45.80' R	693.70
H	58+01.01	92.13' R	(694.20)
K	57+83.48	33.93' R	(693.52)
L	57+82.35	35.43' R	693.59
M	57+97.21	49.79' R	693.76
N	57+93.63	50.87' R	693.75
O	58+01.79	63.79' R	(694.01)
P	57+97.66	64.43' R	693.90
Q	57+69.87	27.13' R	(693.60)
R	58+02.50	92.16' R	(694.28)

LEGEND:

PAVEMENT REMOVAL

BASE COURSE WIDENING 11"

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

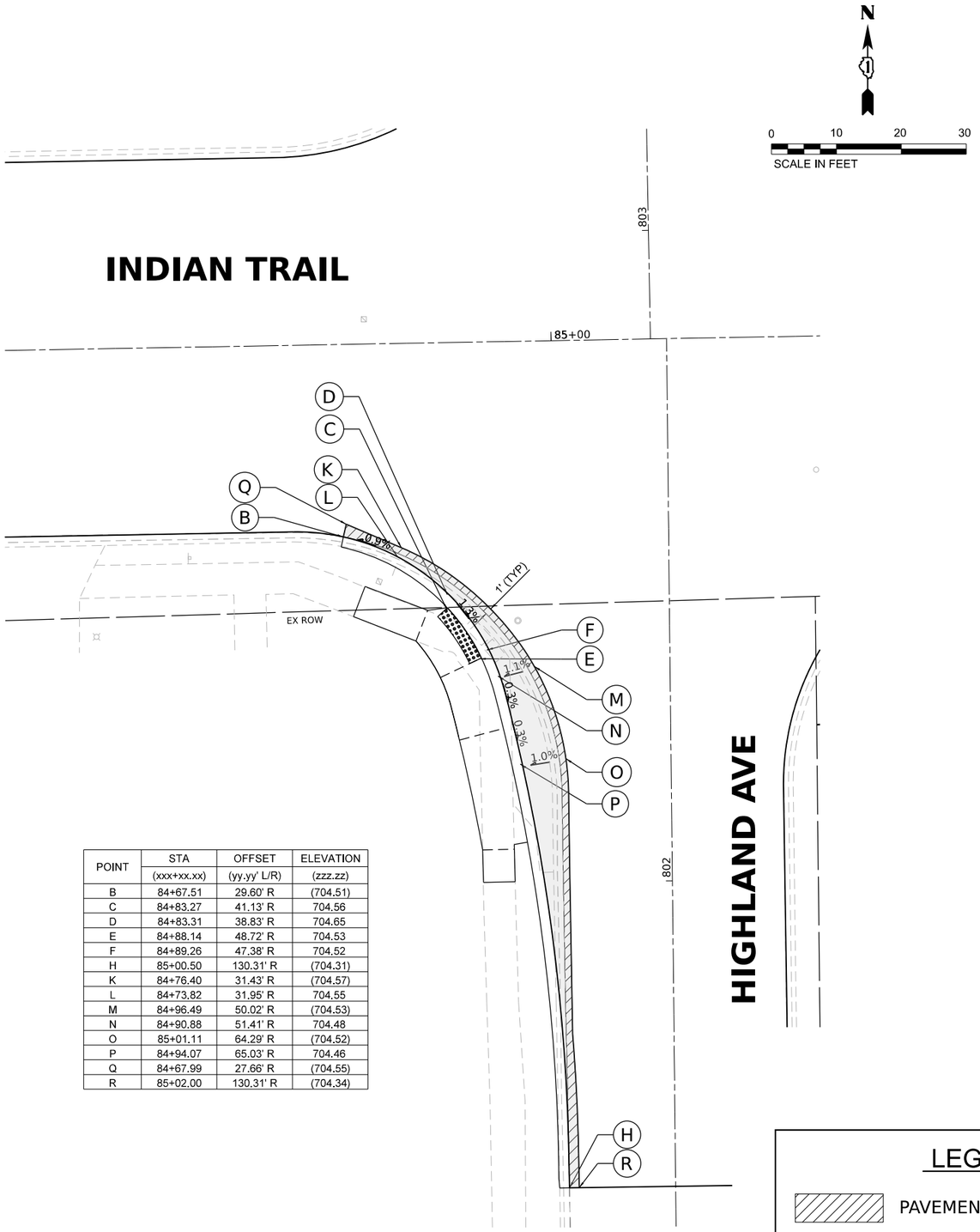
USER NAME = $USER$	DESIGNED - MAS	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

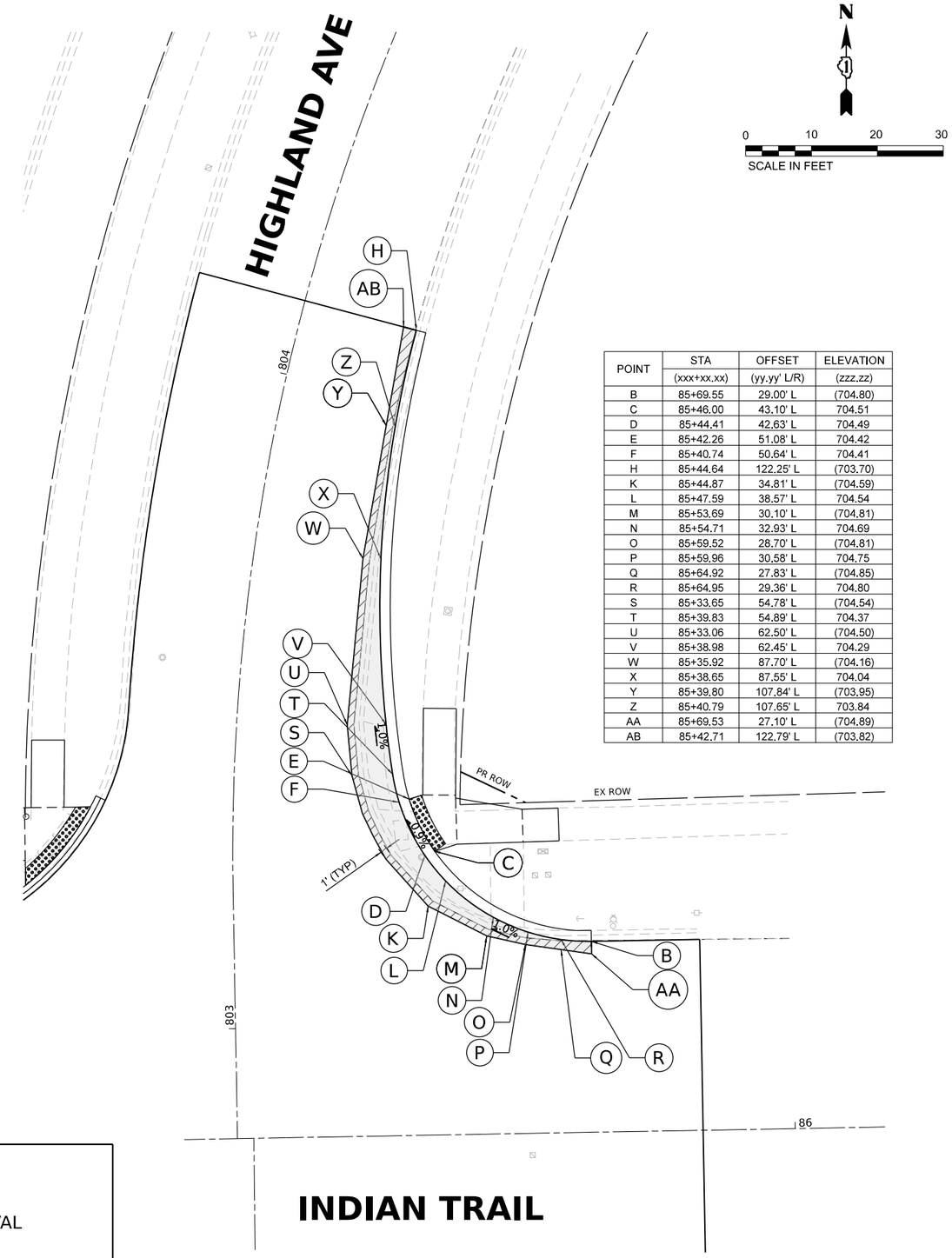
INTERSECTION DETAILS
RANDALL ROAD /ELMWOOD DRIVE

SCALE: 1"=10' | SHEET 2 OF 3 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	45
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		



POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
B	84+67.51	29.60' R	(704.51)
C	84+83.27	41.13' R	704.56
D	84+83.31	38.83' R	704.65
E	84+88.14	48.72' R	704.53
F	84+89.26	47.38' R	704.52
H	85+00.50	130.31' R	(704.31)
K	84+76.40	31.43' R	(704.57)
L	84+73.82	31.95' R	704.55
M	84+96.49	50.02' R	(704.53)
N	84+90.88	51.41' R	704.48
O	85+01.11	64.29' R	(704.52)
P	84+94.07	65.03' R	704.46
Q	84+67.99	27.66' R	(704.55)
R	85+02.00	130.31' R	(704.34)



POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
B	85+69.55	29.00' L	(704.80)
C	85+46.00	43.10' L	704.51
D	85+44.41	42.63' L	704.49
E	85+42.26	51.08' L	704.42
F	85+40.74	50.64' L	704.41
H	85+44.64	122.25' L	(703.70)
K	85+44.87	34.81' L	(704.59)
L	85+47.59	38.57' L	704.54
M	85+53.69	30.10' L	(704.81)
N	85+54.71	32.93' L	704.69
O	85+59.52	28.70' L	(704.81)
P	85+59.96	30.58' L	704.75
Q	85+64.92	27.83' L	(704.85)
R	85+64.95	29.36' L	704.80
S	85+33.65	54.78' L	(704.54)
T	85+39.83	54.89' L	704.37
U	85+33.06	62.50' L	(704.50)
V	85+38.98	62.45' L	704.29
W	85+35.92	87.70' L	(704.16)
X	85+38.65	87.55' L	704.04
Y	85+39.80	107.84' L	(703.95)
Z	85+40.79	107.65' L	703.84
AA	85+69.53	27.10' L	(704.89)
AB	85+42.71	122.79' L	(703.82)

LEGEND:

PAVEMENT REMOVAL

BASE COURSE WIDENING 11"

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - MAS	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - THG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
HIGHLAND AVENUE

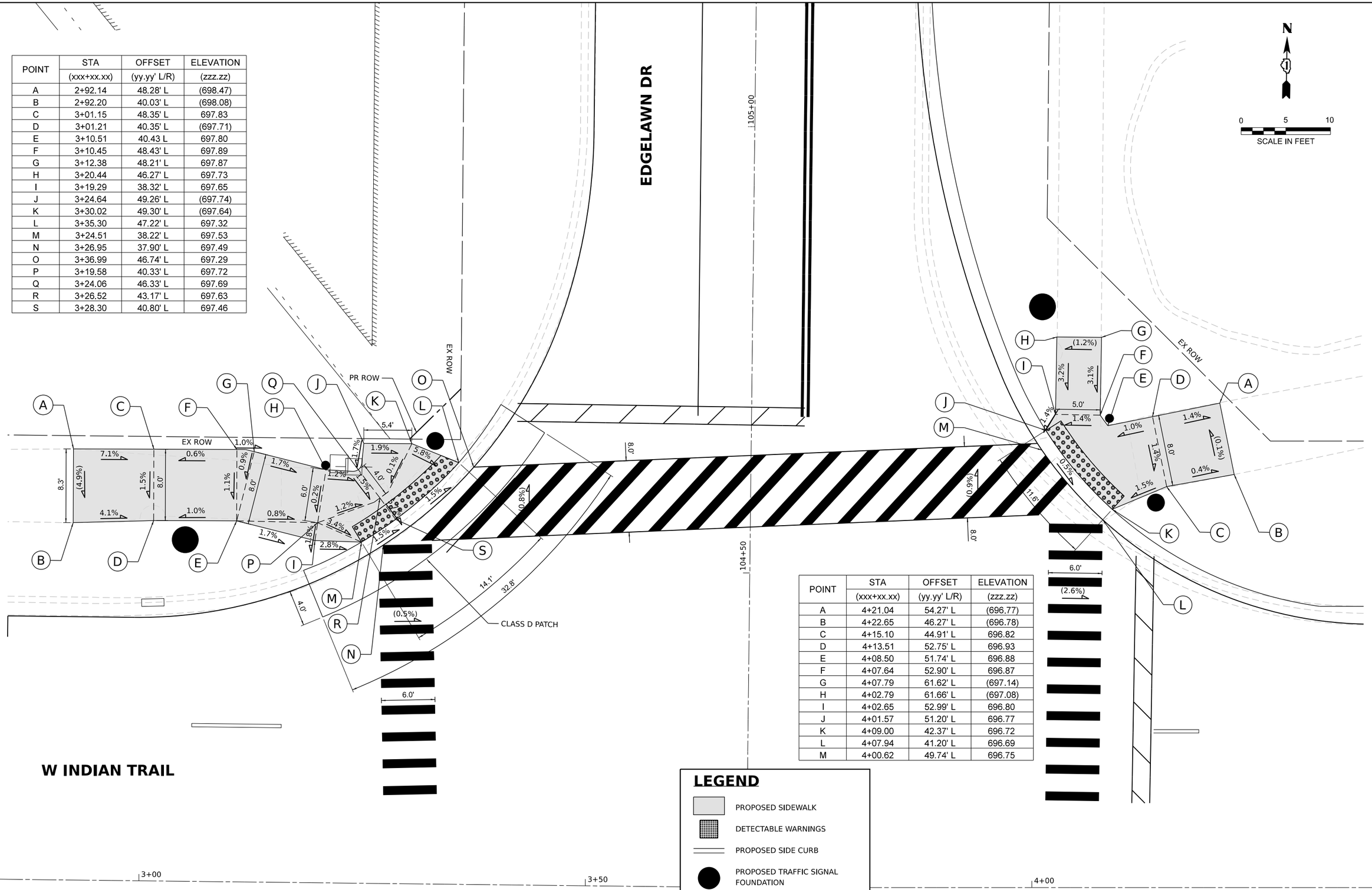
SCALE: 1"=10' | SHEET 3 OF 3 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	46

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	2+92.14	48.28' L	(698.47)
B	2+92.20	40.03' L	(698.08)
C	3+01.15	48.35' L	697.83
D	3+01.21	40.35' L	(697.71)
E	3+10.51	40.43 L	697.80
F	3+10.45	48.43' L	697.89
G	3+12.38	48.21' L	697.87
H	3+20.44	46.27' L	697.73
I	3+19.29	38.32' L	697.65
J	3+24.64	49.26' L	(697.74)
K	3+30.02	49.30' L	(697.64)
L	3+35.30	47.22' L	697.32
M	3+24.51	38.22' L	697.53
N	3+26.95	37.90' L	697.49
O	3+36.99	46.74' L	697.29
P	3+19.58	40.33' L	697.72
Q	3+24.06	46.33' L	697.69
R	3+26.52	43.17' L	697.63
S	3+28.30	40.80' L	697.46



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	4+21.04	54.27' L	(696.77)
B	4+22.65	46.27' L	(696.78)
C	4+15.10	44.91' L	696.82
D	4+13.51	52.75' L	696.93
E	4+08.50	51.74' L	696.88
F	4+07.64	52.90' L	696.87
G	4+07.79	61.62' L	(697.14)
H	4+02.79	61.66' L	(697.08)
I	4+02.65	52.99' L	696.80
J	4+01.57	51.20' L	696.77
K	4+09.00	42.37' L	696.72
L	4+07.94	41.20' L	696.69
M	4+00.62	49.74' L	696.75

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILE$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

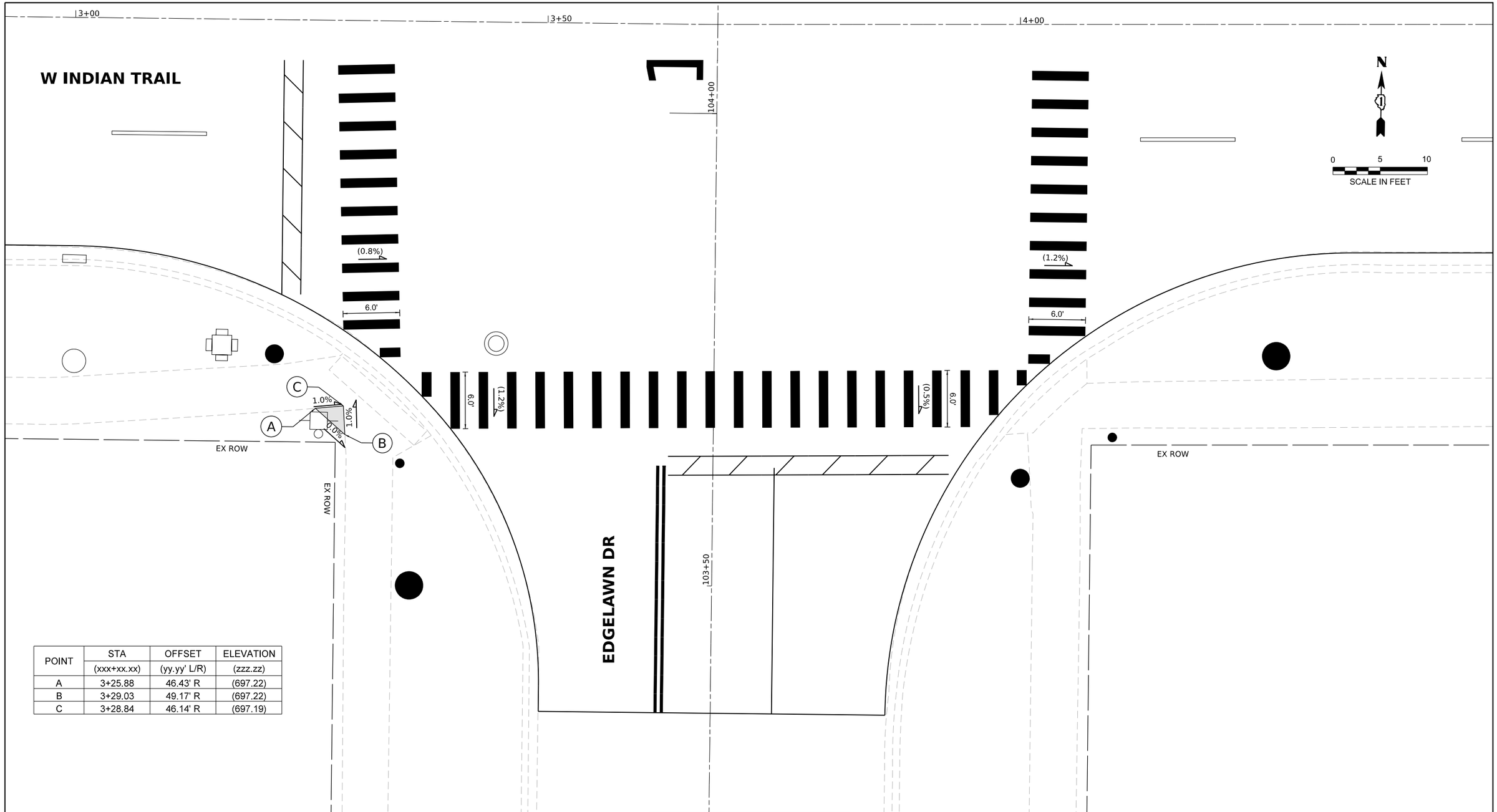
INDIAN TRAIL /EDGELAWN DRIVE
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 1 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	47

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	3+25.88	46.43' R	(697.22)
B	3+29.03	49.17' R	(697.22)
C	3+28.84	46.14' R	(697.19)

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

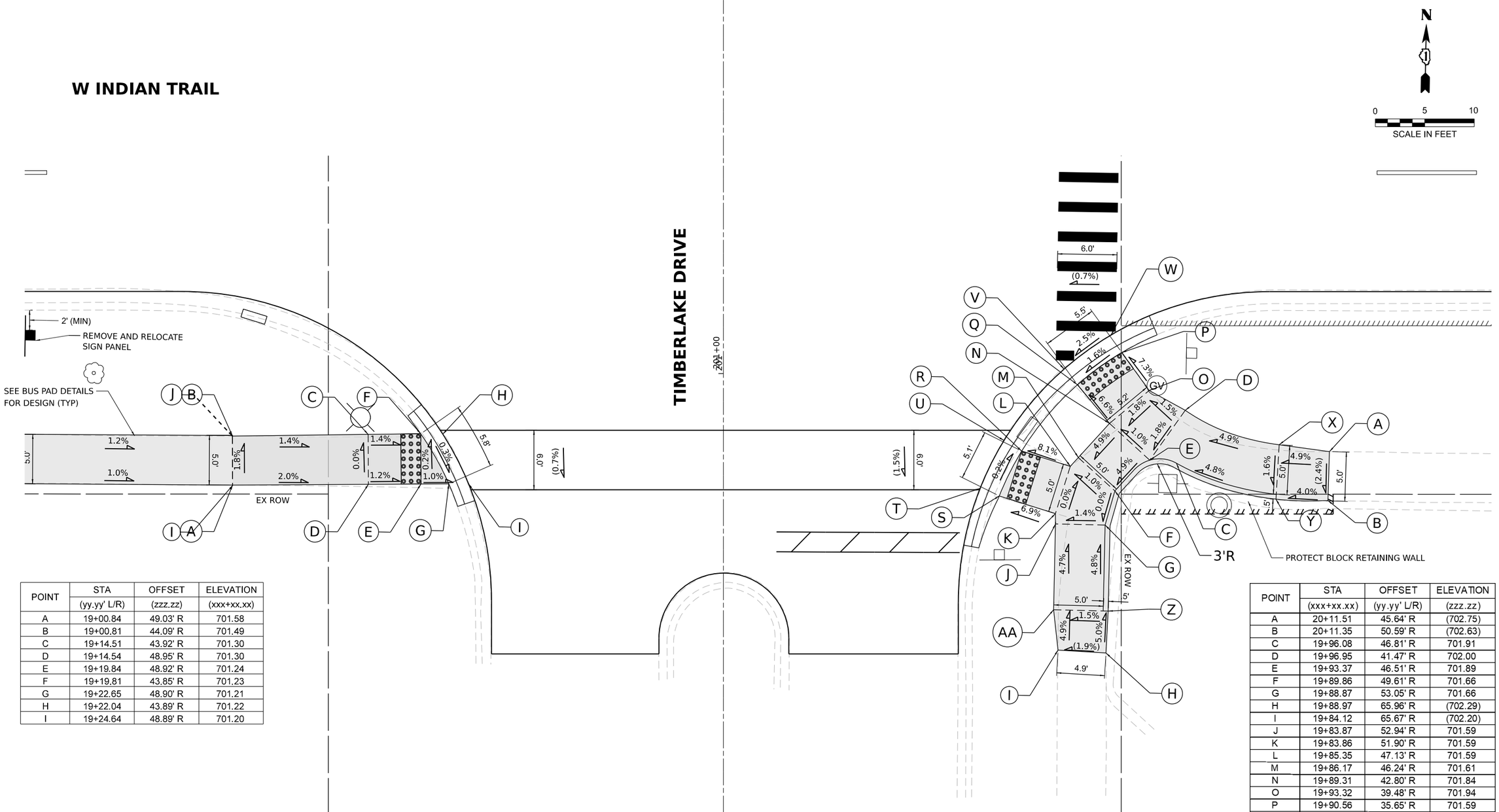
USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /EDGELAWN DRIVE
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 2 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	48
		CONTRACT NO. 61J91		
		ILLINOIS	FED. AID PROJECT	



POINT	STA	OFFSET	ELEVATION
	(yy.yy' L/R)	(zzz.zz)	(xxx+xx.xx)
A	19+00.84	49.03' R	701.58
B	19+00.81	44.09' R	701.49
C	19+14.51	43.92' R	701.30
D	19+14.54	48.95' R	701.30
E	19+19.84	48.92' R	701.24
F	19+19.81	43.85' R	701.23
G	19+22.65	48.90' R	701.21
H	19+22.04	43.89' R	701.22
I	19+24.64	48.89' R	701.20

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	20+11.51	45.64' R	(702.75)
B	20+11.35	50.59' R	(702.63)
C	19+96.08	46.81' R	701.91
D	19+96.95	41.47' R	702.00
E	19+93.37	46.51' R	701.89
F	19+89.86	49.61' R	701.66
G	19+88.87	53.05' R	701.66
H	19+88.97	65.96' R	(702.29)
I	19+84.12	65.67' R	(702.20)
J	19+83.87	52.94' R	701.59
K	19+83.86	51.90' R	701.59
L	19+85.35	47.13' R	701.59
M	19+86.17	46.24' R	701.61
N	19+89.31	42.80' R	701.84
O	19+93.32	39.48' R	701.94
P	19+90.56	35.65' R	701.59
Q	19+86.08	38.90' R	701.50
R	19+80.46	45.59' R	701.17
S	19+78.19	50.13' R	701.18
T	19+76.26	49.36' R	(701.16)
U	19+78.67	44.52' R	(701.15)
V	19+84.73	37.32' R	(701.46)
W	19+89.48	33.87' R	(701.61)
X	20+06.43	44.95' R	702.50
Y	20+06.12	50.45' R	702.42
Z	19+89.18	61.74' R	702.08
AA	19+83.68	61.60' R	702.00

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

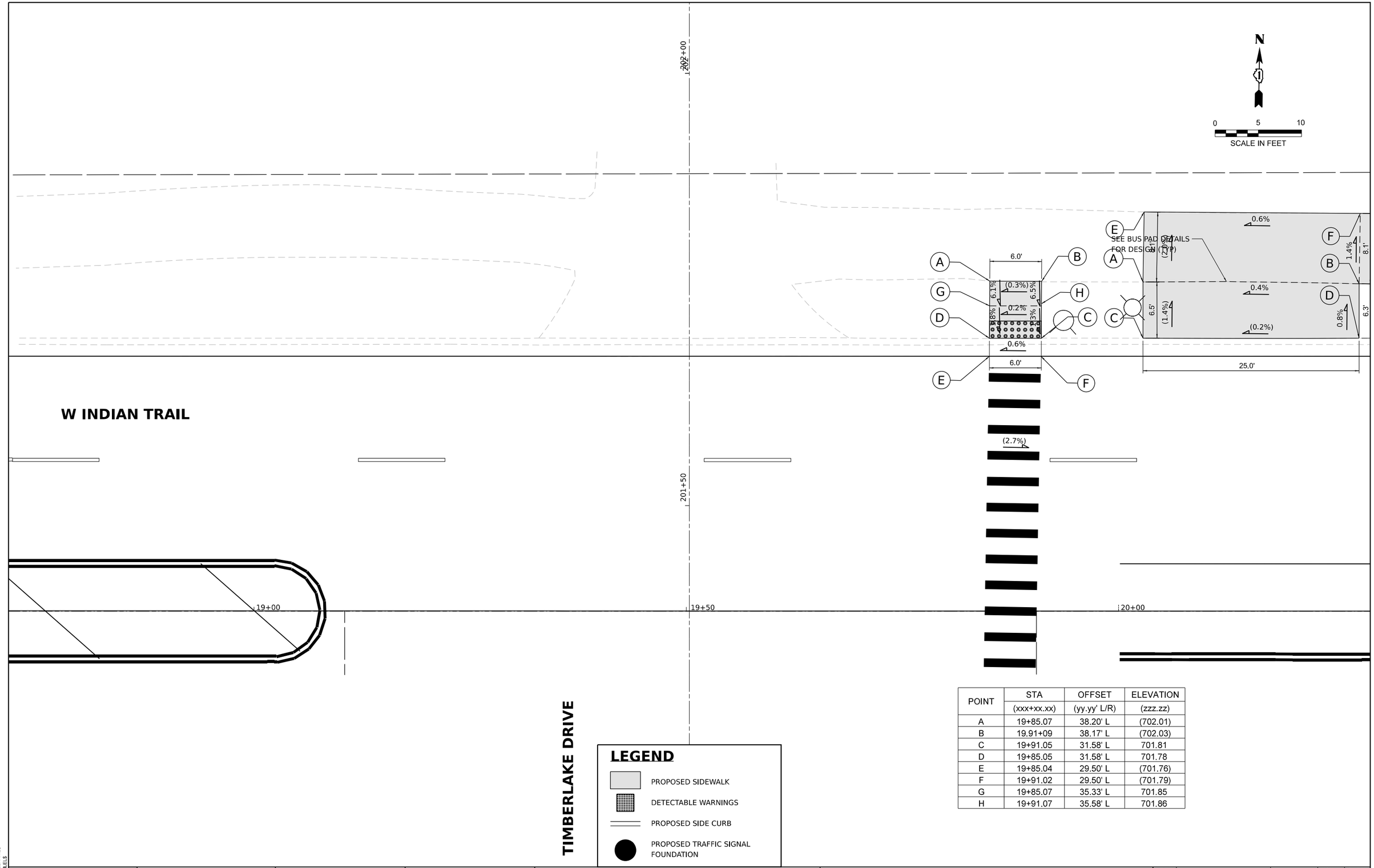
USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /TIMBERLAKE DRIVE
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 3 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	49
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	19+85.07	38.20' L	(702.01)
B	19.91+09	38.17' L	(702.03)
C	19+91.05	31.58' L	701.81
D	19+85.05	31.58' L	701.78
E	19+85.04	29.50' L	(701.76)
F	19+91.02	29.50' L	(701.79)
G	19+85.07	35.33' L	701.85
H	19+91.07	35.58' L	701.86

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILE$

Stanley Consultants INC.
8501 West Higgins Road, Suite 770, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /TIMBERLAKE DRIVE
ADA RAMP DETAILS

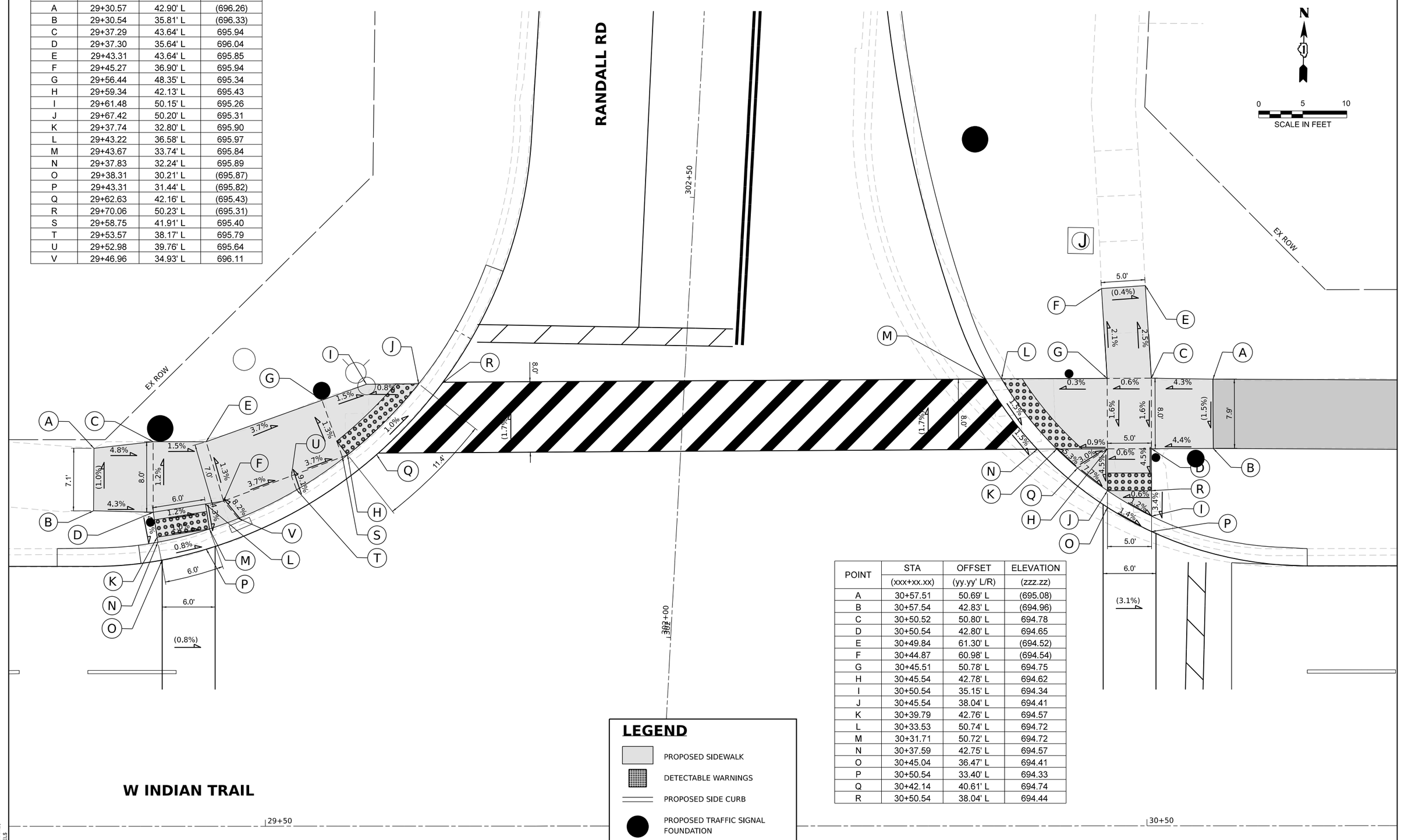
SCALE: 1"=5' | SHEET 4 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	50

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	29+30.57	42.90' L	(696.26)
B	29+30.54	35.81' L	(696.33)
C	29+37.29	43.64' L	695.94
D	29+37.30	35.64' L	696.04
E	29+43.31	43.64' L	695.85
F	29+45.27	36.90' L	695.94
G	29+56.44	48.35' L	695.34
H	29+59.34	42.13' L	695.43
I	29+61.48	50.15' L	695.26
J	29+67.42	50.20' L	695.31
K	29+37.74	32.80' L	695.90
L	29+43.22	36.58' L	695.97
M	29+43.67	33.74' L	695.84
N	29+37.83	32.24' L	695.89
O	29+38.31	30.21' L	(695.87)
P	29+43.31	31.44' L	(695.82)
Q	29+62.63	42.16' L	(695.43)
R	29+70.06	50.23' L	(695.31)
S	29+58.75	41.91' L	695.40
T	29+53.57	38.17' L	695.79
U	29+52.98	39.76' L	695.64
V	29+46.96	34.93' L	696.11



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	30+57.51	50.69' L	(695.08)
B	30+57.54	42.83' L	(694.96)
C	30+50.52	50.80' L	694.78
D	30+50.54	42.80' L	694.65
E	30+49.84	61.30' L	(694.52)
F	30+44.87	60.98' L	(694.54)
G	30+45.51	50.78' L	694.75
H	30+45.54	42.78' L	694.62
I	30+50.54	35.15' L	694.34
J	30+45.54	38.04' L	694.41
K	30+39.79	42.76' L	694.57
L	30+33.53	50.74' L	694.72
M	30+31.71	50.72' L	694.72
N	30+37.59	42.75' L	694.57
O	30+45.04	36.47' L	694.41
P	30+50.54	33.40' L	694.33
Q	30+42.14	40.61' L	694.74
R	30+50.54	38.04' L	694.44

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
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www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

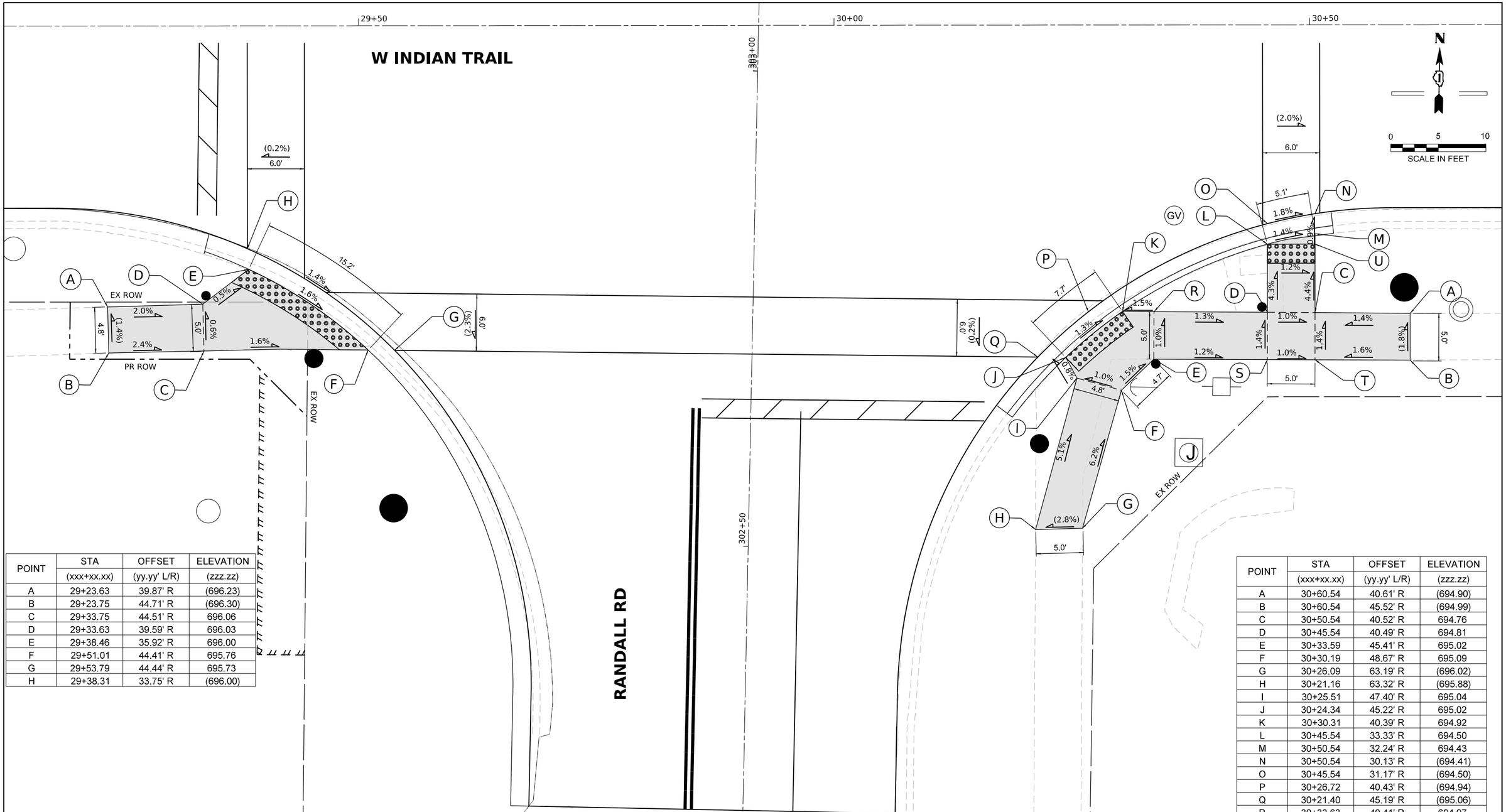
INDIAN TRAIL /RANDALL ROAD
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 5 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	51

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	29+23.63	39.87' R	(696.23)
B	29+23.75	44.71' R	(696.30)
C	29+33.75	44.51' R	696.06
D	29+33.63	39.59' R	696.03
E	29+38.46	35.92' R	696.00
F	29+51.01	44.41' R	695.76
G	29+53.79	44.44' R	695.73
H	29+38.31	33.75' R	(696.00)

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	30+60.54	40.61' R	(694.90)
B	30+60.54	45.52' R	(694.99)
C	30+50.54	40.52' R	694.76
D	30+45.54	40.49' R	694.81
E	30+33.59	45.41' R	695.02
F	30+30.19	48.67' R	695.09
G	30+26.09	63.19' R	(696.02)
H	30+21.16	63.32' R	(695.88)
I	30+25.51	47.40' R	695.04
J	30+24.34	45.22' R	695.02
K	30+30.31	40.39' R	694.92
L	30+45.54	33.33' R	694.50
M	30+50.54	32.24' R	694.43
N	30+50.54	30.13' R	(694.41)
O	30+45.54	31.17' R	(694.50)
P	30+26.72	40.43' R	(694.94)
Q	30+21.40	45.19' R	(695.06)
R	30+33.63	40.41' R	694.97
S	30+45.54	45.46' R	694.88
T	30+50.54	45.48' R	694.83
U	30+50.54	33.33' R	694.44

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /RANDALL ROAD
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 6 OF 21 SHEETS | STA. TO STA.

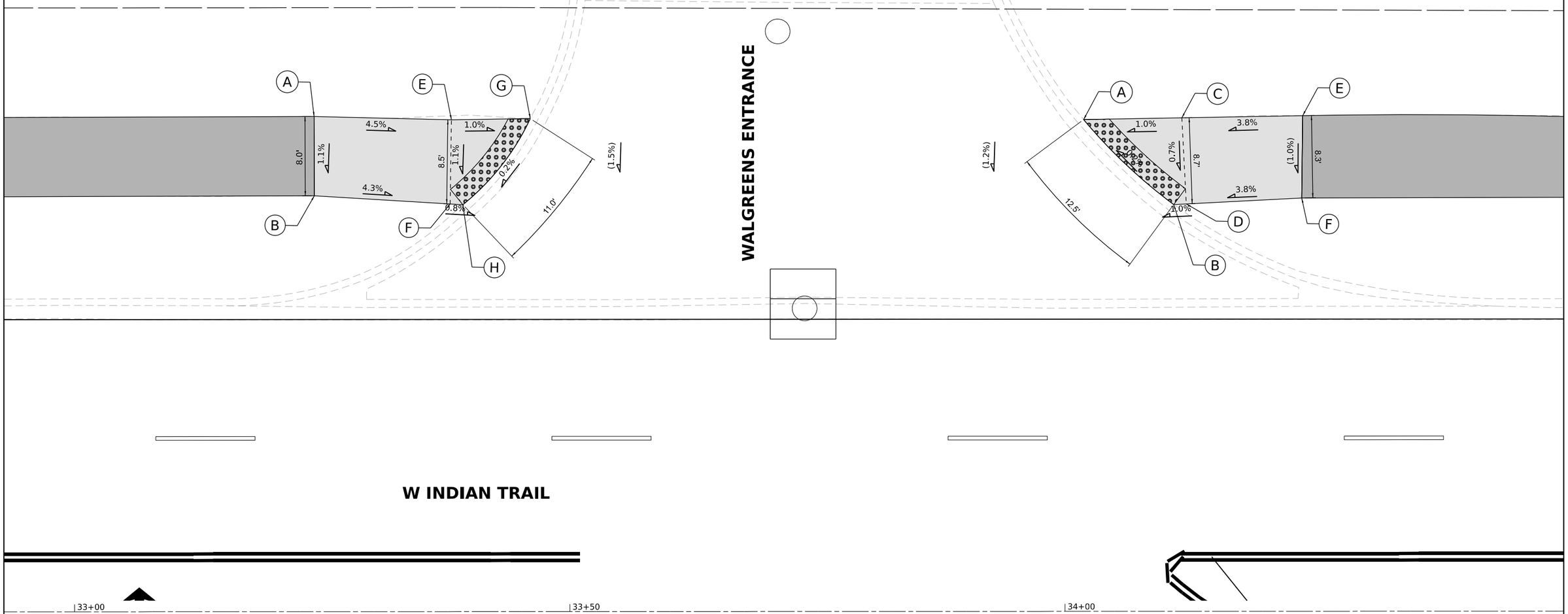
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	52
		CONTRACT NO. 61J91		
		ILLINOIS	FED. AID PROJECT	

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	33+24.88	49.46' L	691.90
B	33+24.22	41.99' L	691.79
C	NOT USED		
D	NOT USED		
E	33+38.07	49.66' L	691.28
F	33+37.94	41.16' L	691.19
G	33+46.03	49.77' L	(691.20)
H	33+39.22	41.08' L	691.18

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	34+01.89	49.65' L	(691.35)
B	34+10.99	41.07' L	(691.38)
C	34+11.82	49.82' L	691.45
D	34+12.26	41.13' L	691.39
E	34+24.02	50.03' L	(691.91)
F	34+23.92	41.72' L	(691.83)

N

0 5 10
SCALE IN FEET



LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /WALGREENS
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 7 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	53

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

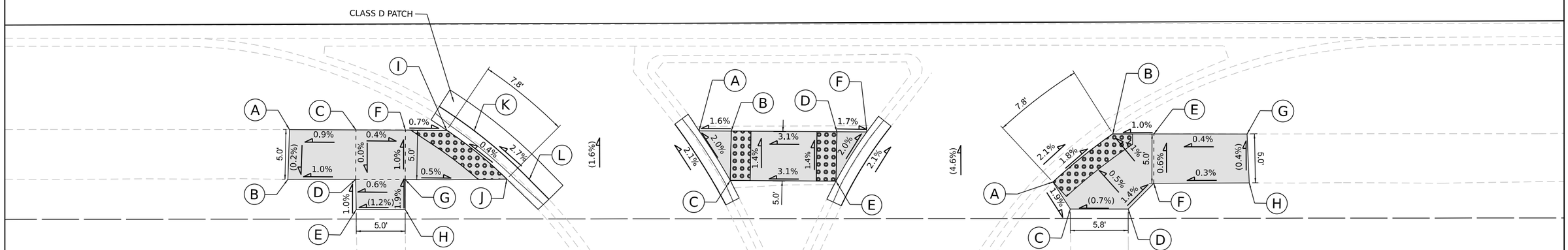
35+50 | 35+00 | 35+50 | 36+00

N

0 5 10
SCALE IN FEET

W INDIAN TRAIL

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	35+18.66	40.24' R	(692.14)
B	35+21.91	40.26' R	692.19
C	35+21.82	45.26' R	692.26
D	35+32.58	40.33' R	692.52
E	35+32.49	45.34' R	692.59
F	35+35.61	40.36' R	692.47



ORCHARD VILLAGE ENTRANCE - WEST

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	34+77.29	40.09' R	(692.04)
B	34+77.13	45.13' R	(692.03)
C	34+84.00	40.12' R	692.10
D	34+83.98	45.12' R	692.10
E	34+84.03	48.19' R	(692.13)
F	34+89.00	40.15' R	692.08
G	34+88.98	45.15' R	692.13
H	34+88.98	48.19' R	(692.19)
I	34+93.17	40.17' R	692.05
J	34+99.24	45.10' R	692.08
K	34+95.95	40.22' R	692.03
L	35+01.52	45.14' R	692.08

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	35+54.14	45.48' R	(693.17)
B	35+60.22	40.64' R	(693.03)
C	35+55.86	48.22' R	(693.11)
D	35+61.71	48.25' R	(693.15)
E	35+64.36	40.67' R	693.07
F	35+64.32	45.67' R	693.10
G	35+73.77	40.75' R	(693.11)
H	35+73.96	45.69' R	(693.13)

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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	DRAWN - SJK	REVISED -
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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

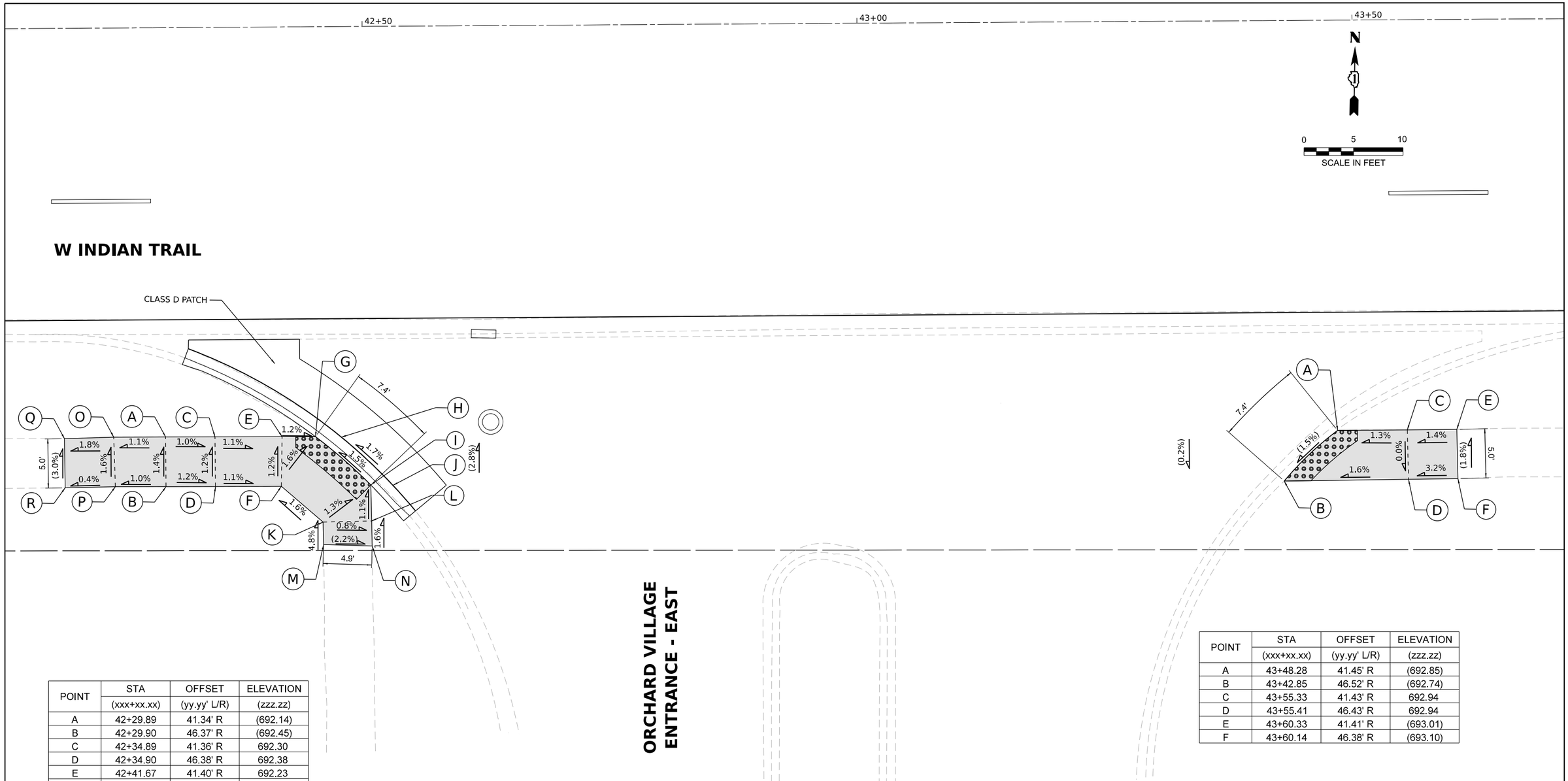
INDIAN TRAIL /ORCHARD VILLAGE WEST
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 8 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	54

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	42+29.89	41.34' R	(692.14)
B	42+29.90	46.37' R	(692.45)
C	42+34.89	41.36' R	692.30
D	42+34.90	46.38' R	692.38
E	42+41.67	41.40' R	692.23
F	42+41.56	46.40' R	692.29
G	42+45.04	41.41' R	692.19
H	42+47.65	41.47' R	692.18
I	42+50.59	46.32' R	692.30
J	42+52.83	46.37' R	692.30
K	42+45.75	50.04' R	692.38
L	42+50.65	49.96' R	692.34
M	42+45.79	52.31' R	(692.49)
N	42+50.69	52.49' R	(692.38)
O	42+24.66	41.32' RT	692.29
P	42+24.79	46.33' RT	692.37
Q	42+19.69	41.46' RT	(692.20)
R	42+19.71	46.42' RT	(692.35)

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	43+48.28	41.45' R	(692.85)
B	43+42.85	46.52' R	(692.74)
C	43+55.33	41.43' R	692.94
D	43+55.41	46.43' R	692.94
E	43+60.33	41.41' R	(693.01)
F	43+60.14	46.38' R	(693.10)

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

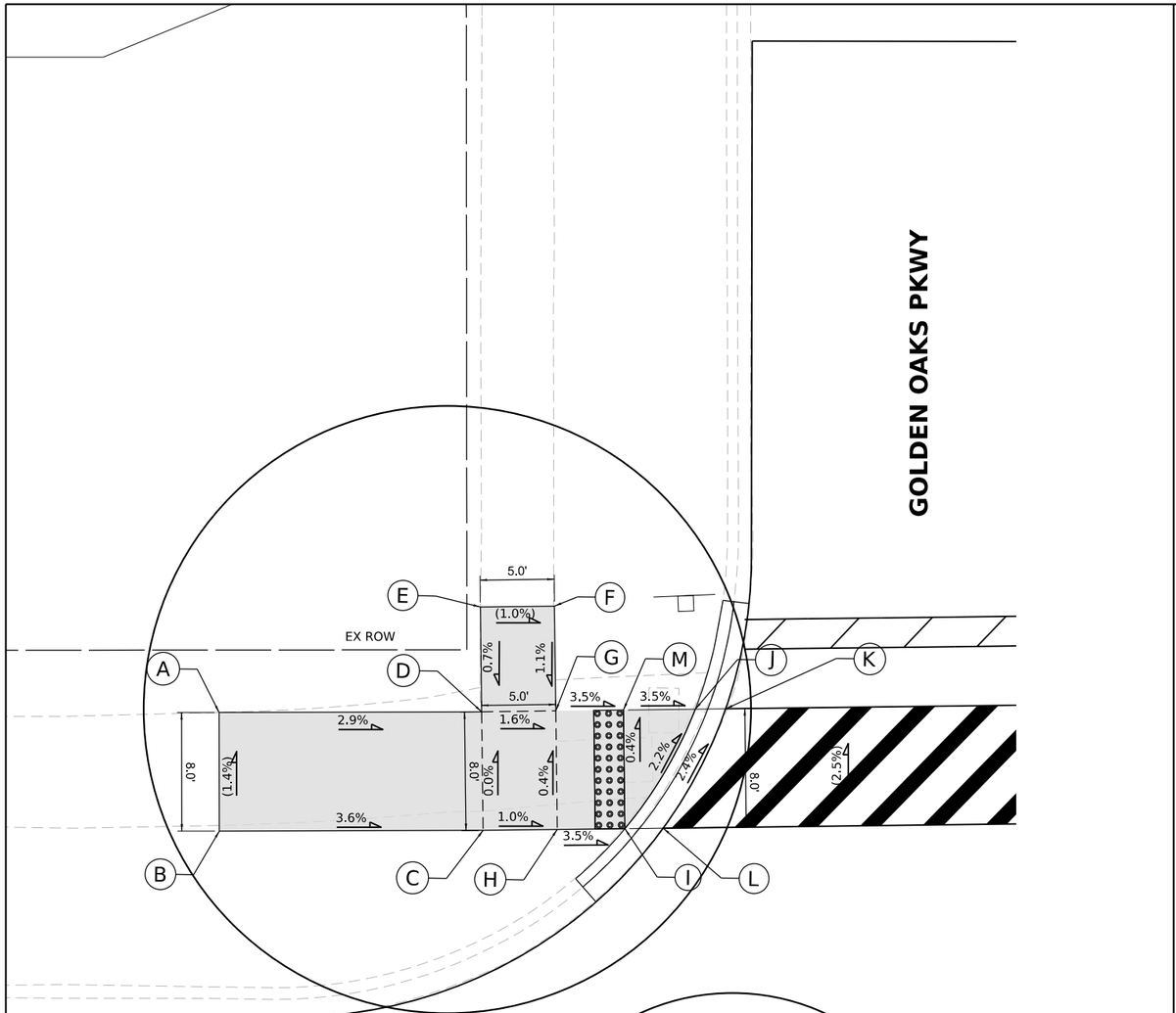
INDIAN TRAIL / ORCHARD VILLAGE EAST
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 9 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	55

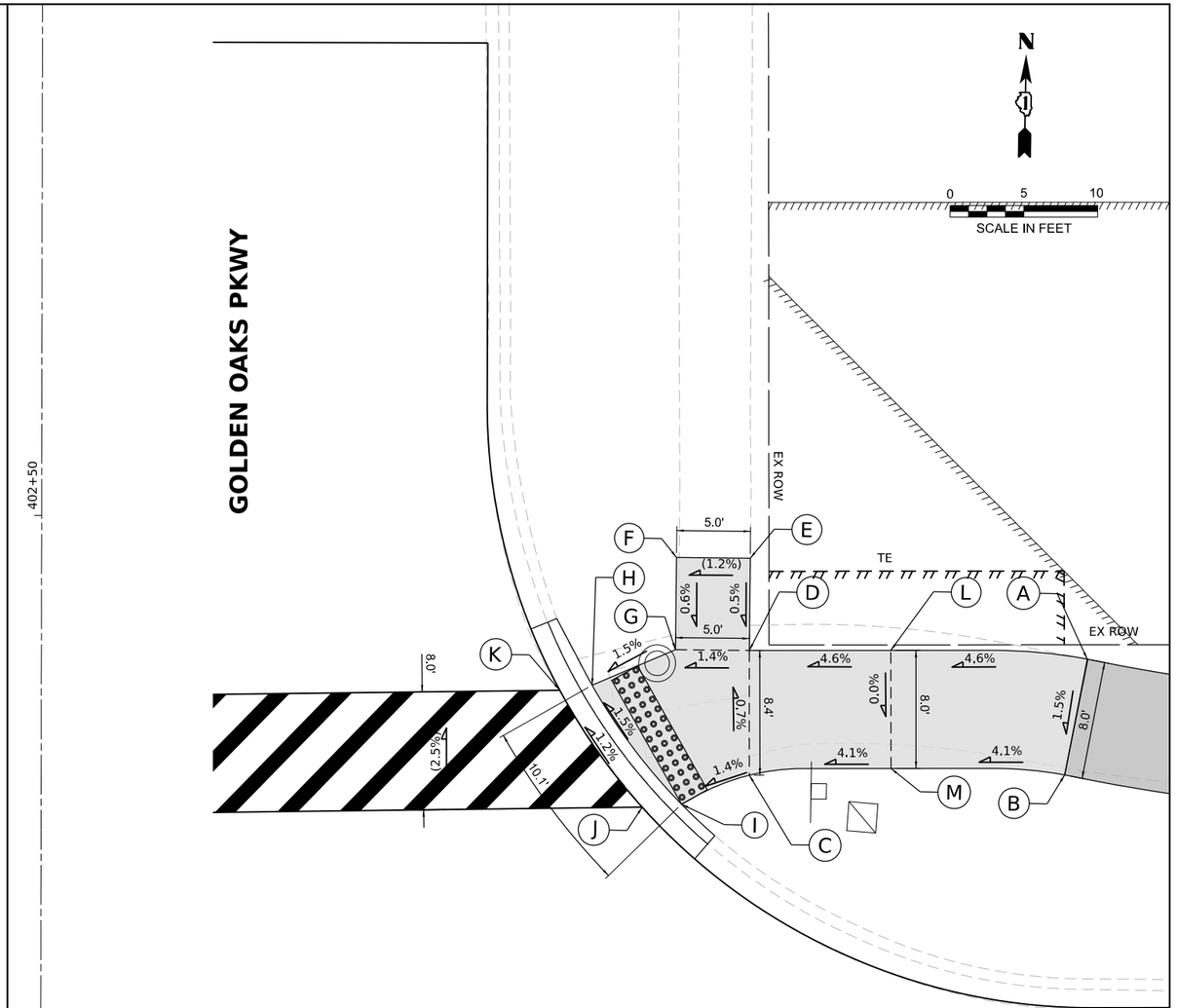
CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



ADA RAMP PREVIOUSLY CONSTRUCTED BY OTHERS, FOR INFORMATION ONLY

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	50+38.80	50.06' L	(692.92)
B	50+38.81	42.06' L	(693.03)
C	50+56.59	42.07' L	692.40
D	50+56.51	50.07' L	692.40
E	50+56.43	57.14' L	(692.45)
F	50+61.43	57.19' L	(692.40)
G	50+61.51	50.12' L	692.32
H	50+61.59	42.12' L	692.35
I	50+66.15	42.17' L	692.19
J	50+70.92	50.22' L	691.99
K	50+72.97	50.24' L	(691.95)
L	50+68.74	42.20' L	(692.17)
M	50+66.07	50.17' L	692.16



POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	51+89.09	54.08' L	(693.24)
B	51+87.76	46.19' L	(693.17)
C	51+71.32	46.01' L	692.38
D	51+69.19	54.53' L	692.29
E	51+69.26	60.01' L	(692.30)
F	51+64.26	60.08' L	(692.24)
G	51+64.19	54.60' L	692.22
H	51+58.53	51.43' L	692.11
I	51+64.57	43.35' L	692.26
J	51+61.90	43.16' L	(692.22)
K	51+56.33	51.10' L	(692.10)
L	51+80.26	54.74' L	692.82
M	51+80.41	46.74' L	692.82

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /GOLDEN OAKS PKWY
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 10 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	56

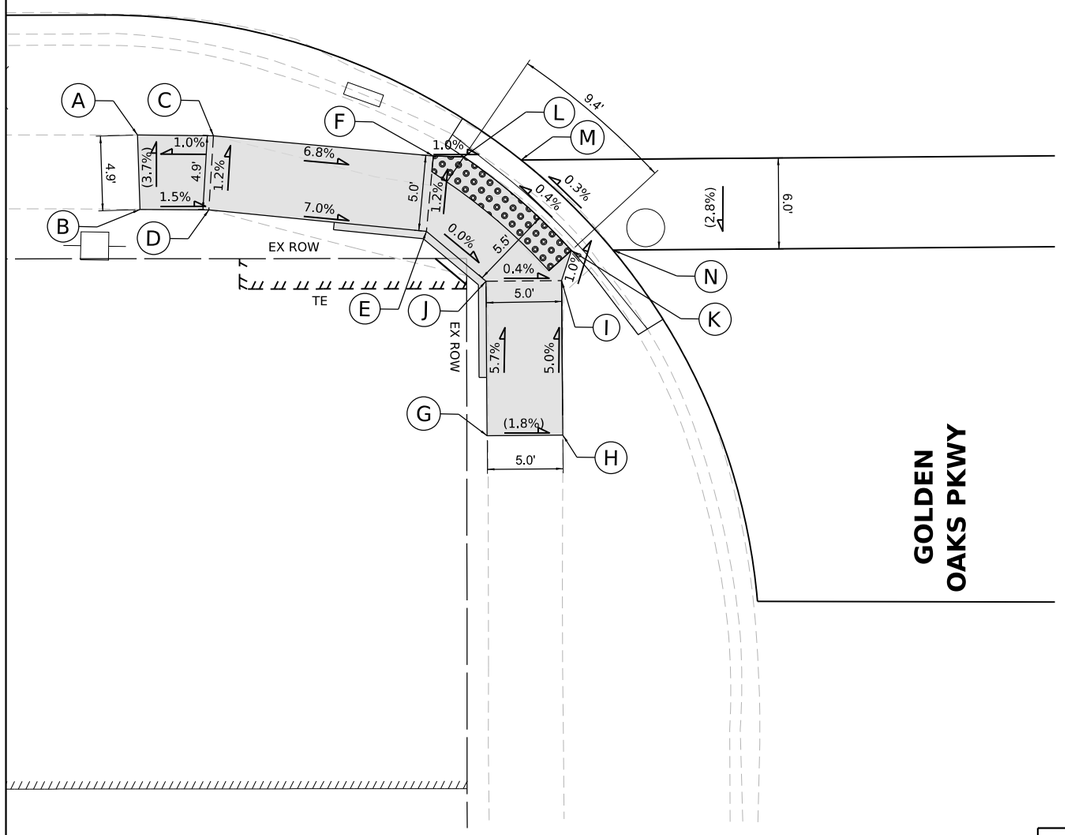
CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

50+50 | 51+00

W INDIAN TRAIL

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	50+32.90	37.42' R	(692.85)
B	50+33.05	42.34' R	(693.03)
C	50+37.91	37.49' R	692.90
D	50+37.60	42.37' R	692.96
E	50+51.95	43.82' R	691.98
F	50+52.42	38.85' R	691.92
G	50+55.94	57.31' R	(692.56)
H	50+60.94	57.28' R	(692.47)
I	50+60.88	47.09' R	691.96
J	50+55.88	47.12' R	691.98
K	50+61.53	45.10' R	691.94
L	50+54.44	38.91' R	691.90
M	50+58.22	39.12' R	(691.93)
N	50+64.27	45.08' R	(691.95)



401+50

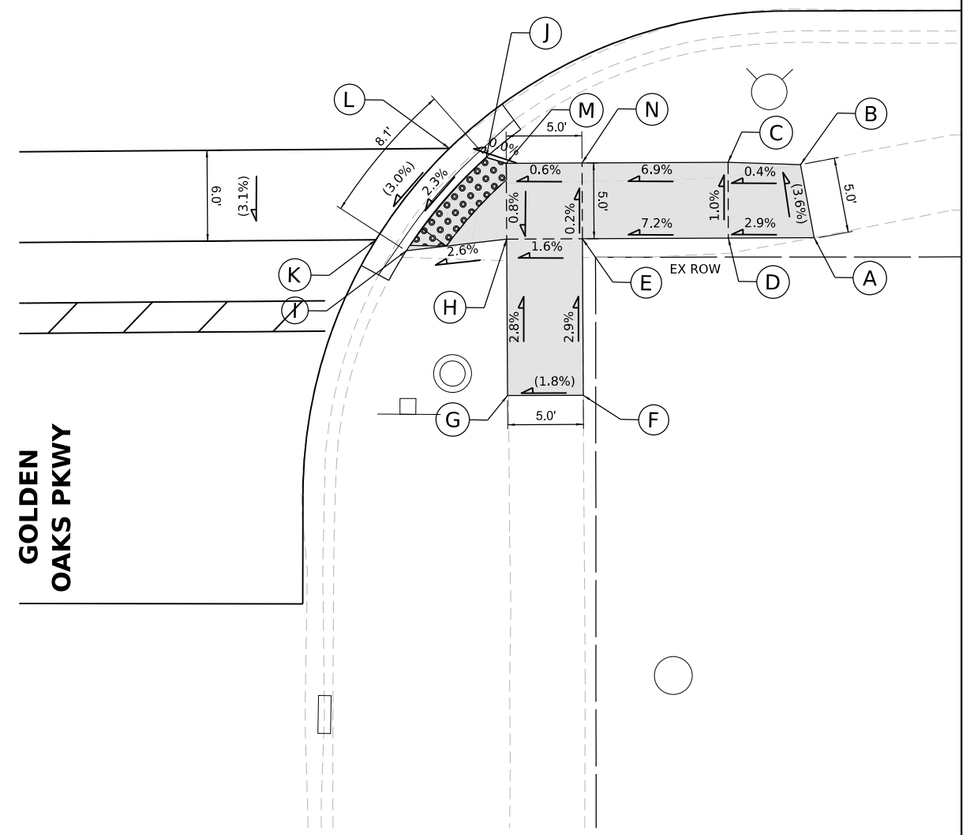
51+50

N

0 5 10
SCALE IN FEET

W INDIAN TRAIL

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	51+84.04	44.47' R	(693.41)
B	51+83.15	39.65' R	(693.23)
C	51+78.37	39.49' R	693.21
D	51+78.38	44.49' R	(693.26)
E	51+68.75	44.52' R	692.35
F	51+68.78	54.84' R	(692.66)
G	51+63.78	54.86' R	(692.57)
H	51+63.75	44.53' R	692.27
I	51+57.12	45.29' R	692.12
J	51+62.40	39.12' R	692.31
K	51+55.11	44.56' R	692.12
L	51+59.98	38.53' R	(692.31)
M	51+63.73	39.53' R	692.31
N	51+68.73	39.52' R	692.34



LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

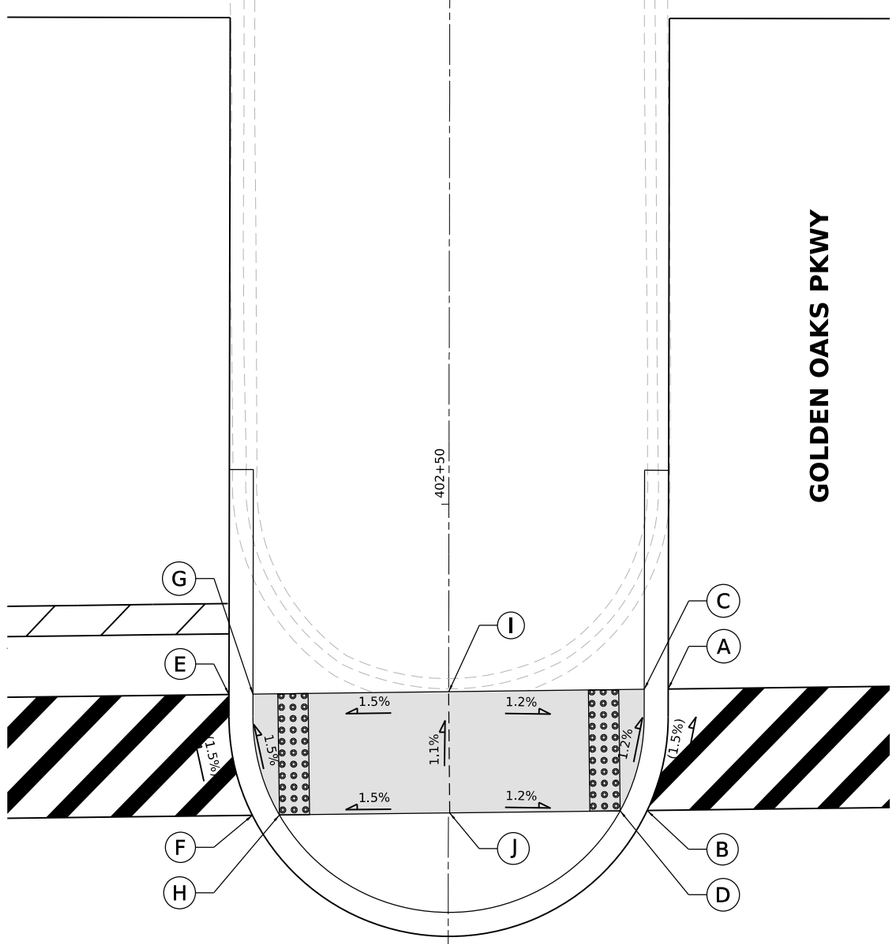
INDIAN TRAIL /GOLDEN OAKS PWKY
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 11 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	57

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	51+27.38	50.80' L	(692.59)
B	51+25.97	42.79' L	(692.70)
C	51+25.80	50.78' L	692.61
D	51+24.19	42.77' L	692.72
E	50+98.38	50.50' L	(692.55)
F	50+99.90	42.52' L	(692.66)
G	50+99.96	50.52' L	692.57
H	51+01.69	42.54' L	692.68
I	51+12.88	50.65' L	692.76
J	51+12.94	42.65' L	692.85

402+00

W INDIAN TRAIL

51+00

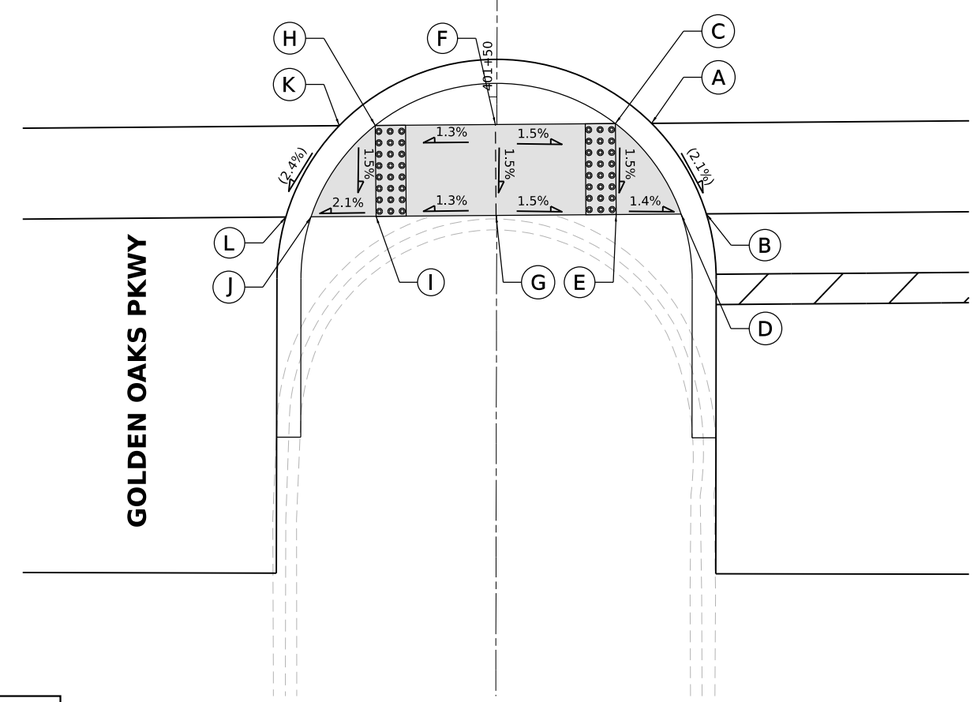
W INDIAN TRAIL

51+00

N

0 5 10
SCALE IN FEET

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	51+22.76	37.74' R	(692.69)
B	51+26.36	44.72' R	(692.54)
C	51+20.38	38.76' R	692.71
D	51+24.70	44.73' R	692.56
E	51+20.41	44.76' R	692.62
F	51+12.45	38.80' R	692.83
G	51+12.48	44.80' R	692.74
H	51+04.52	38.85' R	692.73
I	51+04.55	44.85' R	692.64
J	51+00.27	44.87' R	(692.55)
K	51+02.14	38.86' R	(692.71)
L	50+98.60	44.88' R	(692.54)



LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

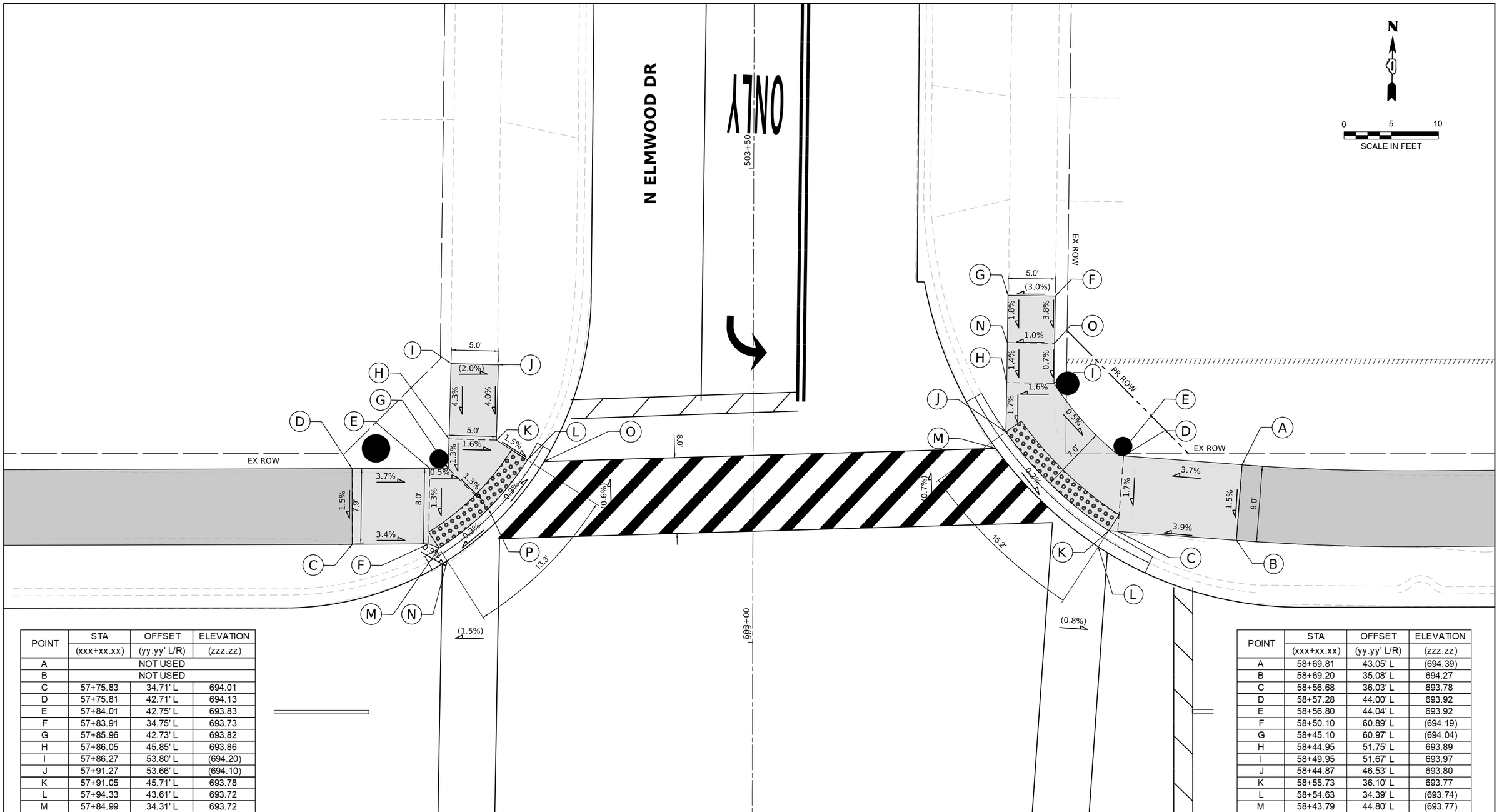
INDIAN TRAIL /GOLDEN OAKS PKWY
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 12 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	58

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	NOT USED		
B	NOT USED		
C	57+75.83	34.71' L	694.01
D	57+75.81	42.71' L	694.13
E	57+84.01	42.75' L	693.83
F	57+83.91	34.75' L	693.73
G	57+85.96	42.73' L	693.82
H	57+86.05	45.85' L	693.86
I	57+86.27	53.80' L	(694.20)
J	57+91.27	53.66' L	(694.10)
K	57+91.05	45.71' L	693.78
L	57+94.33	43.61' L	693.72
M	57+84.99	34.31' L	693.72
N	57+85.84	32.97' L	(693.71)
O	57+96.09	43.44' L	(693.72)
P	57+90.20	38.48' L	693.74

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	58+69.81	43.05' L	(694.39)
B	58+69.20	35.08' L	694.27
C	58+56.68	36.03' L	693.78
D	58+57.28	44.00' L	693.92
E	58+56.80	44.04' L	693.92
F	58+50.10	60.89' L	(694.19)
G	58+45.10	60.97' L	(694.04)
H	58+44.95	51.75' L	693.89
I	58+49.95	51.67' L	693.97
J	58+44.87	46.53' L	693.80
K	58+55.73	36.10' L	693.77
L	58+54.63	34.39' L	(693.74)
M	58+43.79	44.80' L	(693.77)
N	58+45.02	55.97' L	693.95
O	58+50.02	55.89' L	694.00

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

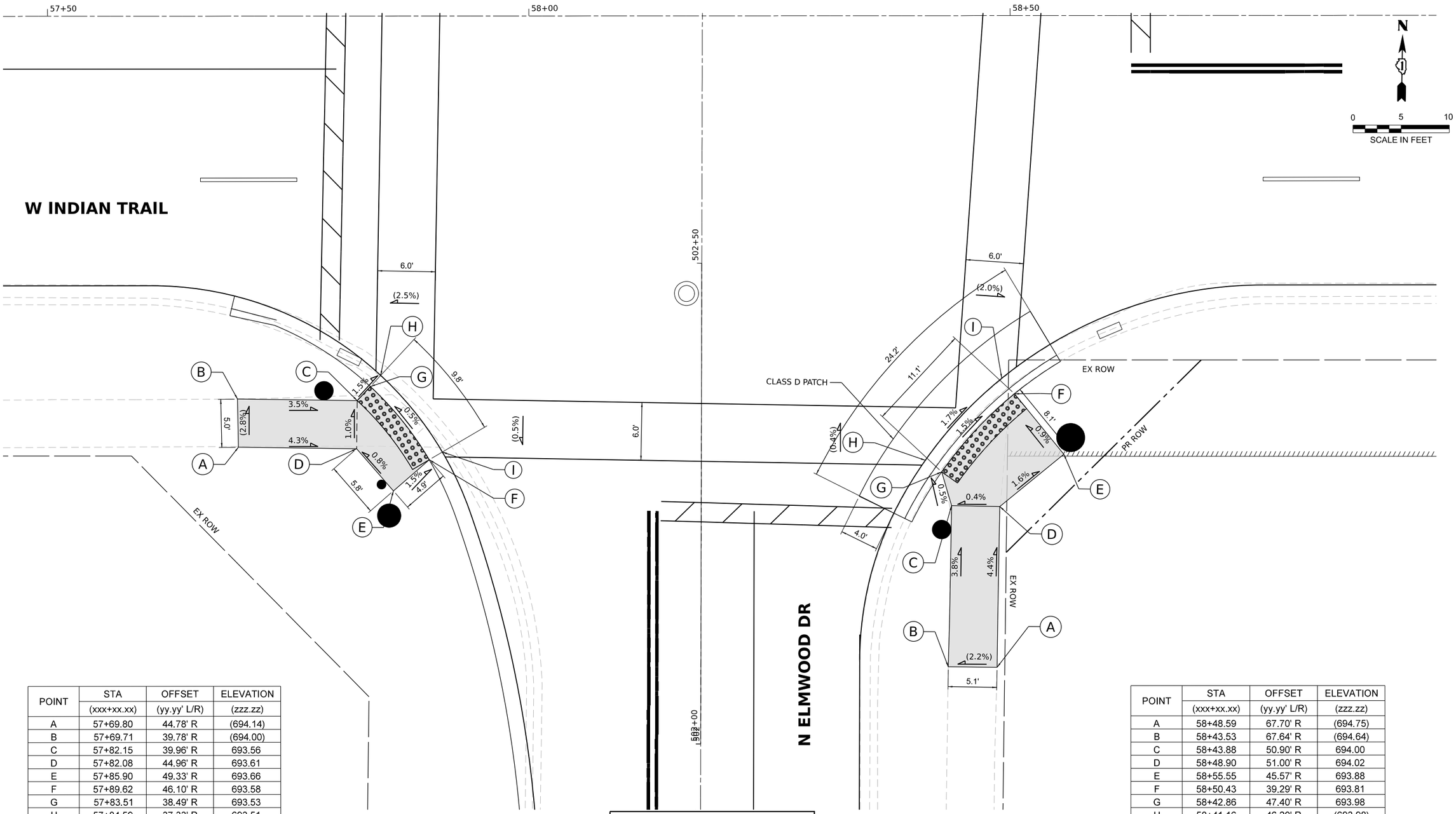
INDIAN TRAIL /ELMWOOD DRIVE
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 13 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	59

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	57+69.80	44.78' R	(694.14)
B	57+69.71	39.78' R	(694.00)
C	57+82.15	39.96' R	693.56
D	57+82.08	44.96' R	693.61
E	57+85.90	49.33' R	693.66
F	57+89.62	46.10' R	693.58
G	57+83.51	38.49' R	693.53
H	57+84.59	37.33' R	693.51
I	57+90.99	45.30' R	693.56

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	58+48.59	67.70' R	(694.75)
B	58+43.53	67.64' R	(694.64)
C	58+43.88	50.90' R	694.00
D	58+48.90	51.00' R	694.02
E	58+55.55	45.57' R	693.88
F	58+50.43	39.29' R	693.81
G	58+42.86	47.40' R	693.98
H	58+41.16	46.20' R	(693.98)
I	58+49.11	37.68' R	693.78

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

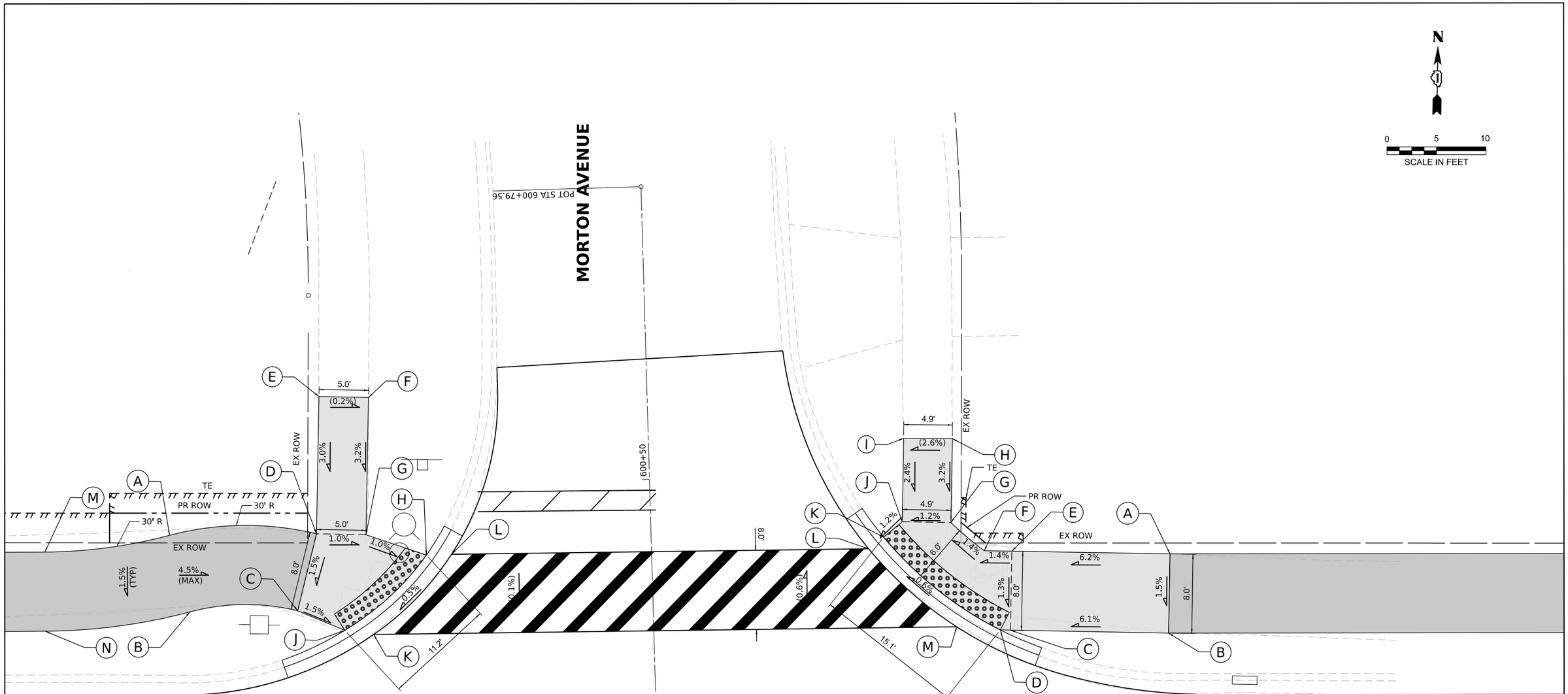
USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /ELMWOOD DRIVE
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 14 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	60
		CONTRACT NO. 61J91		
		ILLINOIS	FED. AID PROJECT	



W INDIAN TRAIL

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	67+52.44	44.16' L	-
B	67+54.50	36.42' L	-
C	67+65.39	36.53' L	699.70
D	67+67.29	44.30' L	699.82
E	67+67.55	58.16' L	(700.24)
F	67+72.55	58.07' L	(700.23)
G	67+72.29	44.20' L	699.77
H	67+78.39	42.15' L	699.71
I	NOT USED		
J	67+70.14	34.55' L	699.62
K	67+73.06	34.13' L	(699.63)
L	67+80.93	42.23' L	(699.69)
M	67+39.84	42.48' L	-
N	67+39.88	34.48' L	-

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	68+53.50	42.22' L	(701.22)
B	68+53.36	34.22' L	701.10
C	68+37.38	34.52' L	700.13
D	68+36.36	34.54' L	700.13
E	68+37.53	42.50' L	700.23
F	68+34.74	42.55' L	700.19
G	68+31.38	45.40' L	700.13
H	68+31.53	53.87' L	(700.40)
I	68+26.61	53.91' L	(700.27)
J	68+26.46	45.49' L	700.07
K	68+24.58	43.93' L	700.04
L	68+23.07	42.75' L	(700.02)
M	68+31.95	34.86' L	(700.16)

67+50 68+00 68+50

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - THG	REVISED -
	DRAWN - SJK	REVISED -
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

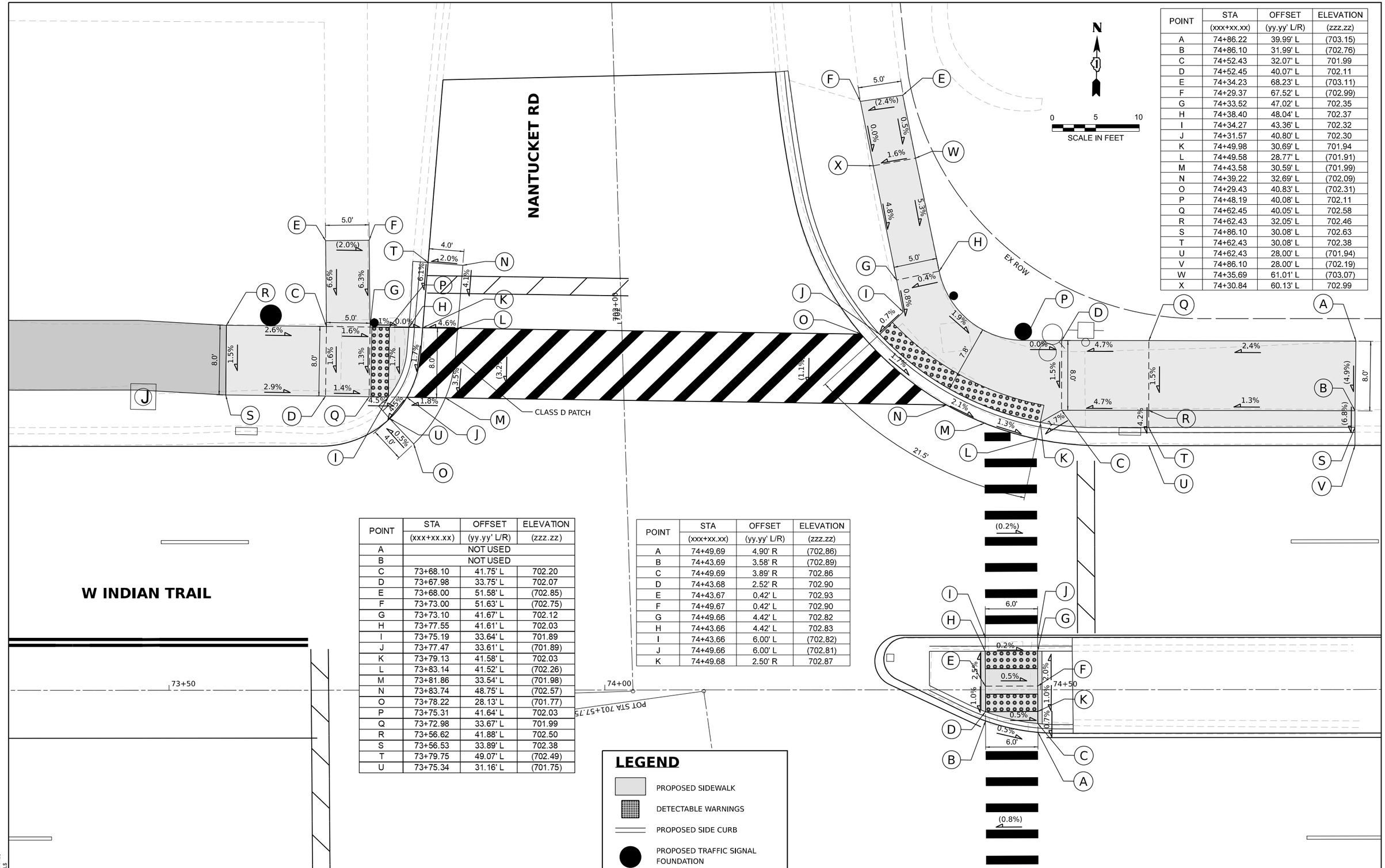
INDIAN TRAIL / MORTON AVENUE
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 15 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	61

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	74+86.22	39.99' L	(703.15)
B	74+86.10	31.99' L	(702.76)
C	74+52.43	32.07' L	701.99
D	74+52.45	40.07' L	702.11
E	74+34.23	68.23' L	(703.11)
F	74+29.37	67.52' L	(702.99)
G	74+33.52	47.02' L	702.35
H	74+38.40	48.04' L	702.37
I	74+34.27	43.36' L	702.32
J	74+31.57	40.80' L	702.30
K	74+49.98	30.69' L	701.94
L	74+49.58	28.77' L	(701.91)
M	74+43.58	30.59' L	(701.99)
N	74+39.22	32.69' L	(702.09)
O	74+29.43	40.83' L	(702.31)
P	74+48.19	40.08' L	702.11
Q	74+62.45	40.05' L	702.58
R	74+62.43	32.05' L	702.46
S	74+86.10	30.08' L	702.63
T	74+62.43	30.08' L	702.38
U	74+62.43	28.00' L	(701.94)
V	74+86.10	28.00' L	(702.19)
W	74+35.69	61.01' L	(703.07)
X	74+30.84	60.13' L	702.99

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	NOT USED		
B	NOT USED		
C	73+68.10	41.75' L	702.20
D	73+67.98	33.75' L	702.07
E	73+68.00	51.58' L	(702.85)
F	73+73.00	51.63' L	(702.75)
G	73+73.10	41.67' L	702.12
H	73+77.55	41.61' L	702.03
I	73+75.19	33.64' L	701.89
J	73+77.47	33.61' L	(701.89)
K	73+79.13	41.58' L	702.03
L	73+83.14	41.52' L	(702.26)
M	73+81.86	33.54' L	(701.98)
N	73+83.74	48.75' L	(702.57)
O	73+78.22	28.13' L	(701.77)
P	73+75.31	41.64' L	702.03
Q	73+72.98	33.67' L	701.99
R	73+56.62	41.88' L	702.50
S	73+56.53	33.89' L	702.38
T	73+79.75	49.07' L	(702.49)
U	73+75.34	31.16' L	(701.75)

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	74+49.69	4.90' R	(702.86)
B	74+43.69	3.58' R	(702.89)
C	74+49.69	3.89' R	702.86
D	74+43.68	2.52' R	702.90
E	74+43.67	0.42' L	702.93
F	74+49.67	0.42' L	702.90
G	74+49.66	4.42' L	702.82
H	74+43.66	4.42' L	702.83
I	74+43.66	6.00' L	(702.82)
J	74+49.66	6.00' L	(702.81)
K	74+49.68	2.50' R	702.87

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /NANTUCKET ROAD
ADA RAMP DETAILS

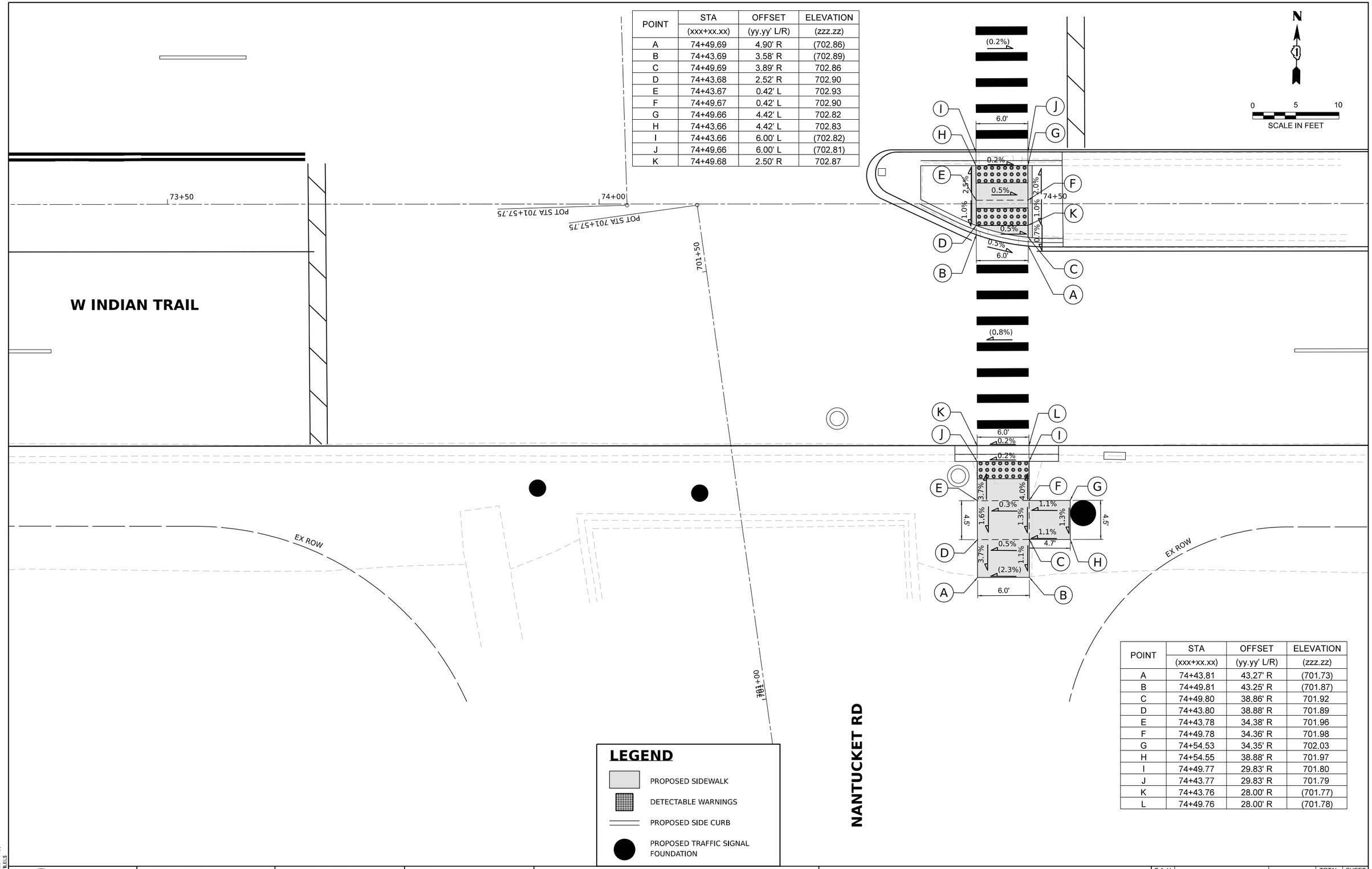
SCALE: 1"=5' | SHEET 16 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	62

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	74+49.69	4.90' R	(702.86)
B	74+43.69	3.58' R	(702.89)
C	74+49.69	3.89' R	702.86
D	74+43.68	2.52' R	702.90
E	74+43.67	0.42' L	702.93
F	74+49.67	0.42' L	702.90
G	74+49.66	4.42' L	702.82
H	74+43.66	4.42' L	702.83
I	74+43.66	6.00' L	(702.82)
J	74+49.66	6.00' L	(702.81)
K	74+49.68	2.50' R	702.87



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	74+43.81	43.27' R	(701.73)
B	74+49.81	43.25' R	(701.87)
C	74+49.80	38.86' R	701.92
D	74+43.80	38.88' R	701.89
E	74+43.78	34.38' R	701.96
F	74+49.78	34.36' R	701.98
G	74+54.53	34.35' R	702.03
H	74+54.55	38.88' R	701.97
I	74+49.77	29.83' R	701.80
J	74+43.77	29.83' R	701.79
K	74+43.76	28.00' R	(701.77)
L	74+49.76	28.00' R	(701.78)

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILE$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

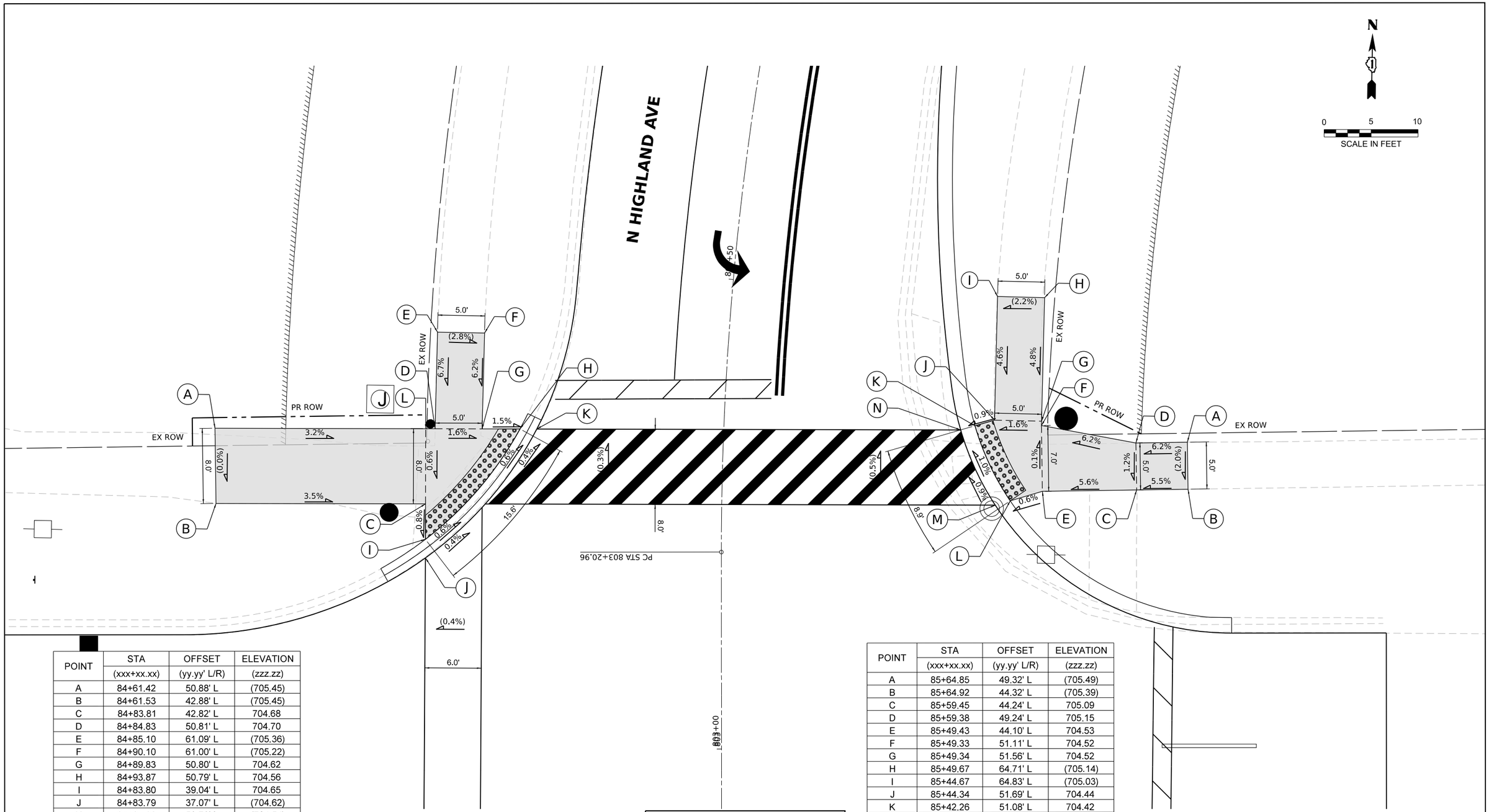
USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /NANTUCKET ROAD
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 17 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	63
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		



POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	84+61.42	50.88' L	(705.45)
B	84+61.53	42.88' L	(705.45)
C	84+83.81	42.82' L	704.68
D	84+84.83	50.81' L	704.70
E	84+85.10	61.09' L	(705.36)
F	84+90.10	61.00' L	(705.22)
G	84+89.83	50.80' L	704.62
H	84+93.87	50.79' L	704.56
I	84+83.80	39.04' L	704.65
J	84+83.79	37.07' L	(704.62)
K	84+95.66	50.78' L	(704.54)
L	84+83.83	50.82' L	704.73

POINT	STA (xxx+xx.xx)	OFFSET (yy.yy' L/R)	ELEVATION (zzz.zz)
A	85+64.85	49.32' L	(705.49)
B	85+64.92	44.32' L	(705.39)
C	85+59.45	44.24' L	705.09
D	85+59.38	49.24' L	705.15
E	85+49.43	44.10' L	704.53
F	85+49.33	51.11' L	704.52
G	85+49.34	51.56' L	704.52
H	85+49.67	64.71' L	(705.14)
I	85+44.67	64.83' L	(705.03)
J	85+44.34	51.69' L	704.44
K	85+42.26	51.08' L	704.42
L	85+46.00	43.10' L	704.51
M	85+44.41	42.63' L	704.49
N	85+40.74	50.64' L	704.41

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 770, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

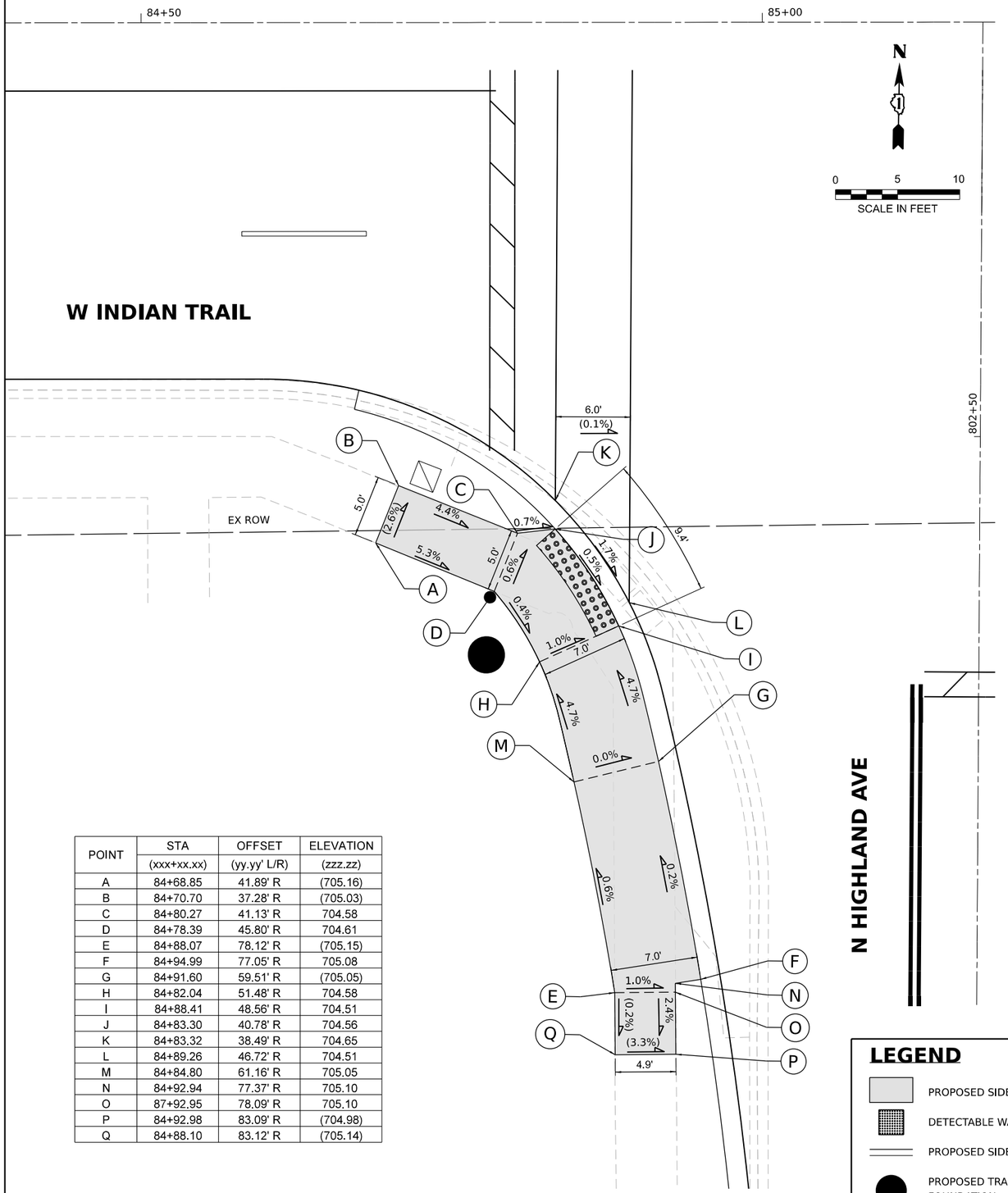
INDIAN TRAIL /HIGHLAND AVENUE
ADA RAMP DETAILS

SCALE: 1"=5' | SHEET 18 OF 21 SHEETS | STA. TO STA.

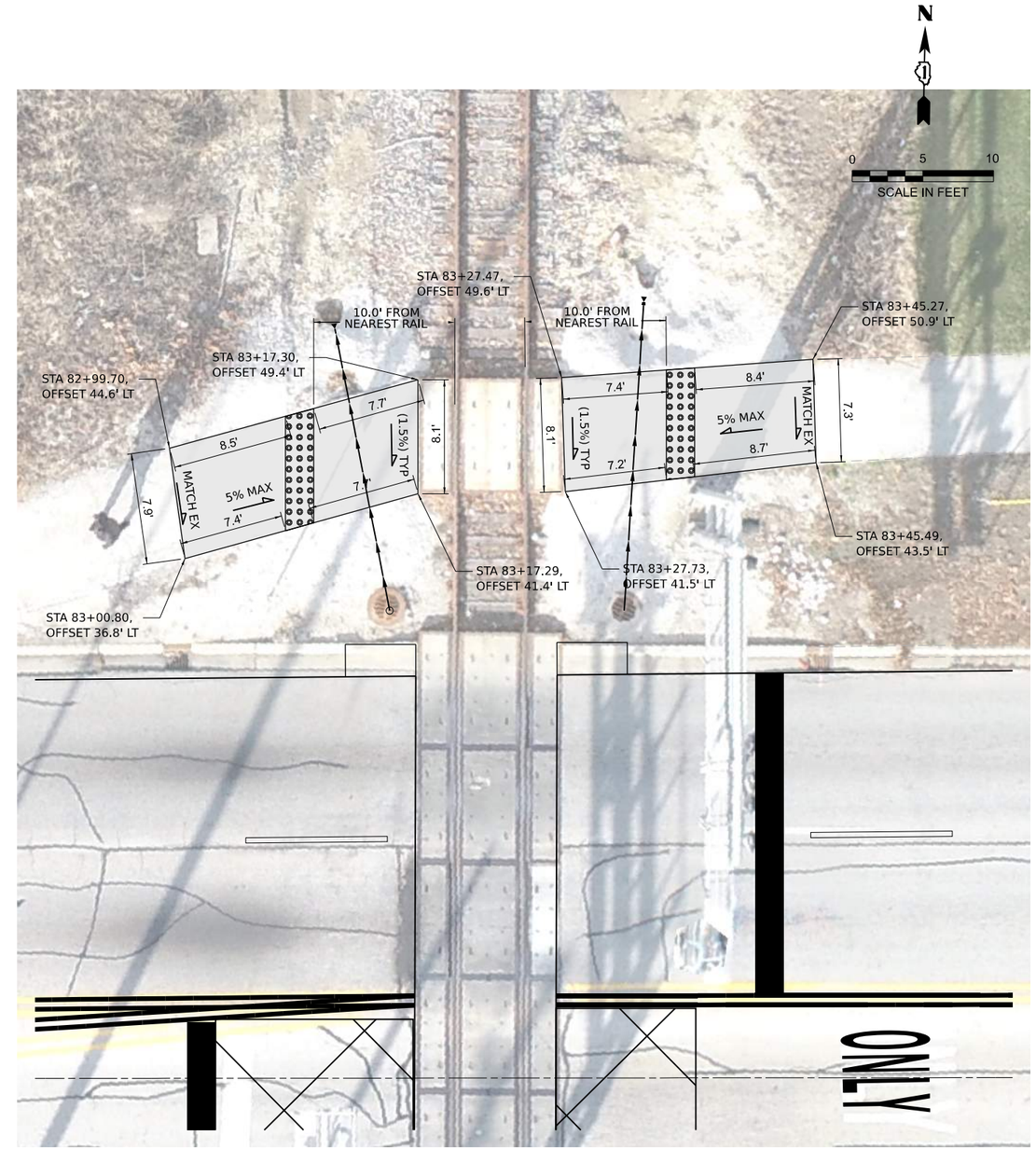
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	64

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	84+68.85	41.89' R	(705.16)
B	84+70.70	37.28' R	(705.03)
C	84+80.27	41.13' R	704.58
D	84+78.39	45.80' R	704.61
E	84+88.07	78.12' R	(705.15)
F	84+94.99	77.05' R	705.08
G	84+91.60	59.51' R	(705.05)
H	84+82.04	51.48' R	704.58
I	84+88.41	48.56' R	704.51
J	84+83.30	40.78' R	704.56
K	84+83.32	38.49' R	704.65
L	84+89.26	46.72' R	704.51
M	84+84.80	61.16' R	705.05
N	84+92.94	77.37' R	705.10
O	87+92.95	78.09' R	705.10
P	84+92.98	83.09' R	(704.98)
Q	84+88.10	83.12' R	(705.14)



LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - SJK	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /HIGHLAND AVENUE
ADA RAMP DETAILS

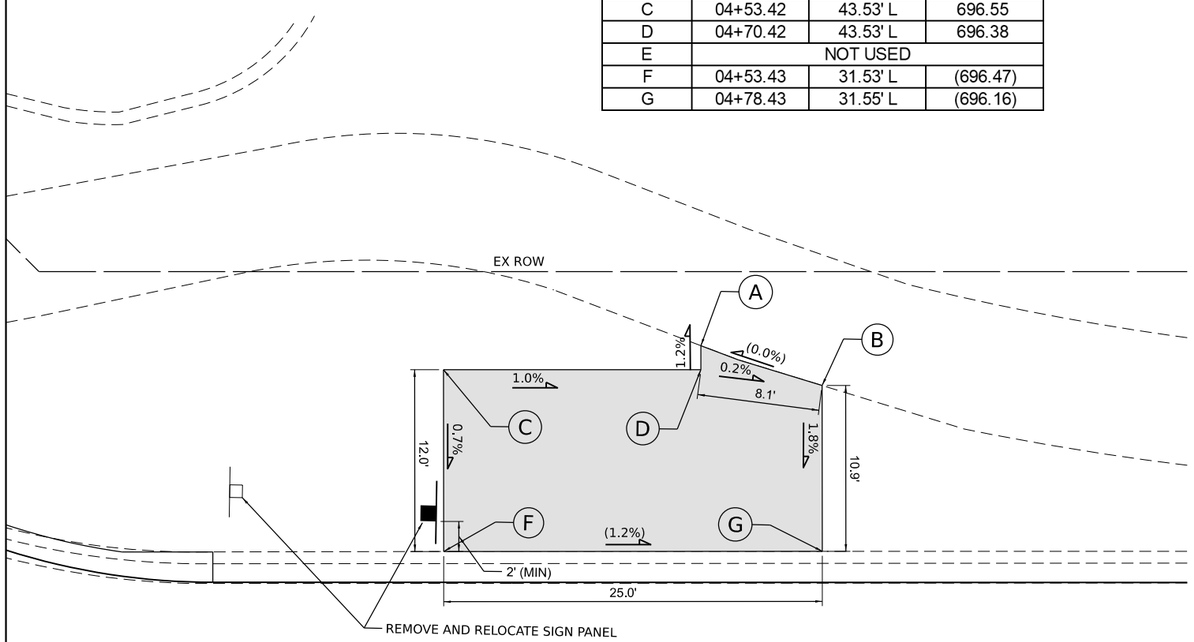
SCALE: 1"=5' | SHEET 19 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	65

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	04+70.42	45.12' L	(696.36)
B	04+78.42	42.50' LT	696.36
C	04+53.42	43.53' L	696.55
D	04+70.42	43.53' L	696.38
E	NOT USED		
F	04+53.43	31.53' L	(696.47)
G	04+78.43	31.55' L	(696.16)



W INDIAN TRAIL

4+50

5+00

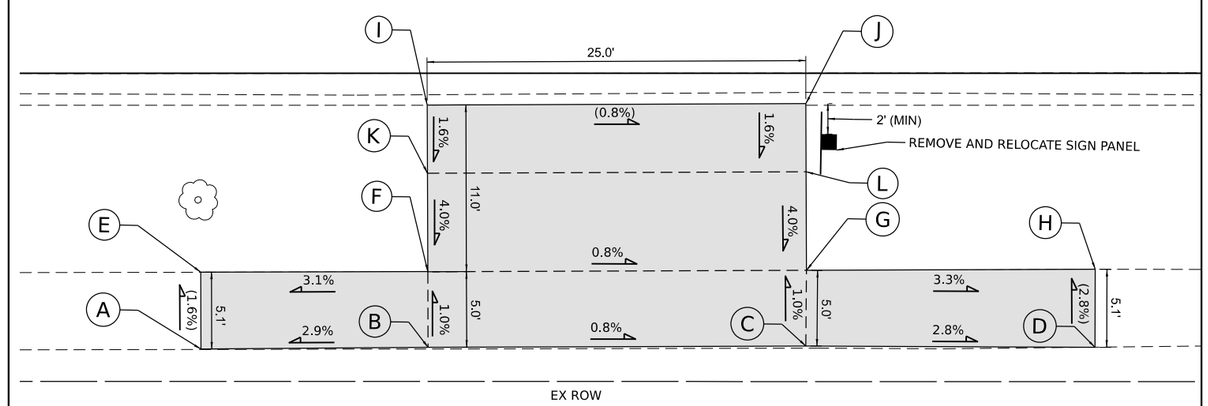
5+00

N

0 5 10

SCALE IN FEET

W INDIAN TRAIL



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	04+76.96	47.63' R	(695.10)
B	04+96.99	47.60' R	695.53
C	05+21.99	47.56' R	695.32
D	05+41.06	47.58' R	(694.78)
E	04+76.98	42.65' R	(695.02)
F	04+96.98	42.60' R	695.48
G	05+22.02	42.56' R	695.27
H	05+41.08	42.44' R	(694.64)
I	04+96.98	31.60' R	(695.81)
J	05+21.98	31.51' R	(695.60)
K	04+97.00	36.10' R	695.74
L	05+22.00	36.01' R	695.53

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILE$

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Illinois Firm Registration No. 184-001533

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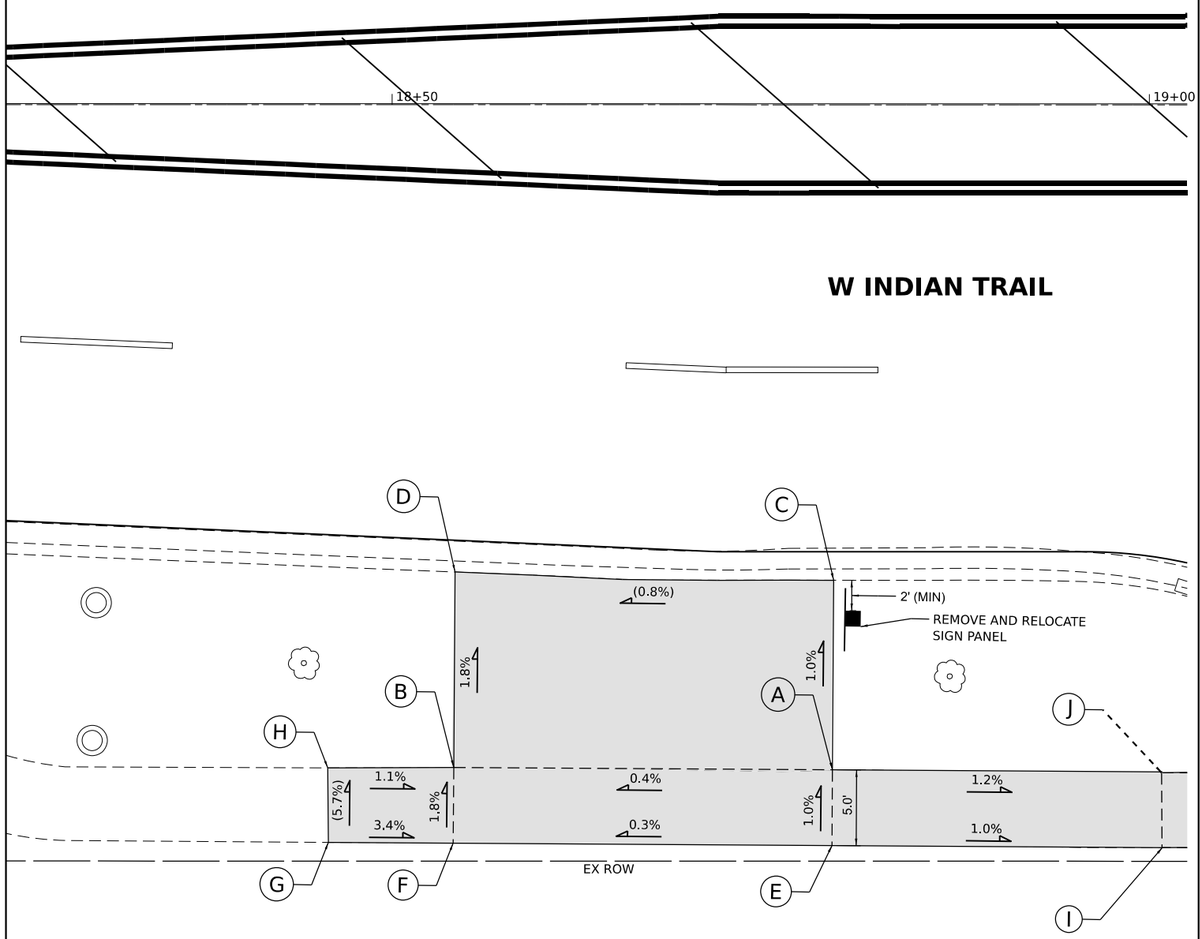
PLOT SCALE = $SCALE$	CHECKED - CEG	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /EDGELAWN BUS PADS
BUS PAD DETAILS

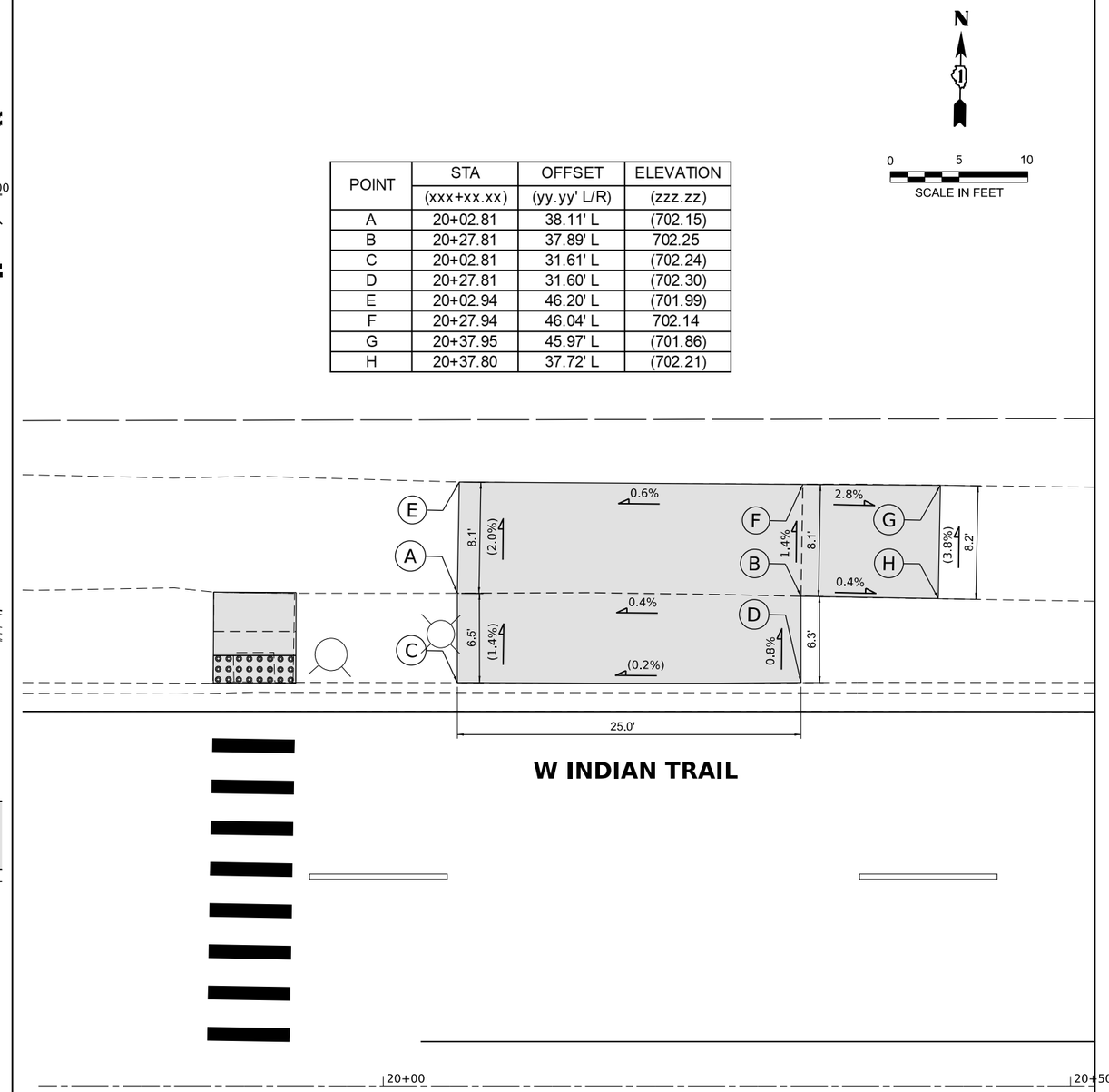
SCALE: 1"=5' | SHEET 20 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	66
		CONTRACT NO. 61J91		
		ILLINOIS	FED. AID PROJECT	



POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	18+79.08	43.90' R	701.75
B	18+54.08	43.75' R	701.64
C	18+79.15	31.39' R	(701.62)
D	18+54.16	30.85' R	(701.41)
E	18+79.05	48.90' R	701.80
F	18+54.05	48.75' R	701.73
G	18+45.81	48.70' R	(702.01)
H	18+45.76	43.79' R	(701.73)
I	19+00.84	49.03' R	701.58
J	19+00.81	44.09' R	701.49

POINT	STA	OFFSET	ELEVATION
	(xxx+xx.xx)	(yy.yy' L/R)	(zzz.zz)
A	20+02.81	38.11' L	(702.15)
B	20+27.81	37.89' L	702.25
C	20+02.81	31.61' L	(702.24)
D	20+27.81	31.60' L	(702.30)
E	20+02.94	46.20' L	(701.99)
F	20+27.94	46.04' L	702.14
G	20+37.95	45.97' L	(701.86)
H	20+37.80	37.72' L	(702.21)



LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB
- PROPOSED TRAFFIC SIGNAL FOUNDATION

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN TRAIL /TIMBERLAKE BUS PADS
BUS PAD DETAILS

SCALE: 1"=5' | SHEET 21 OF 21 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	67
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		

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	T	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		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET		
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

MODEL: $MODELNAMES
FILE NAME: $FILELS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE DETAILS
STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05a)

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	68
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		

LOOP DETECTOR NOTES

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

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

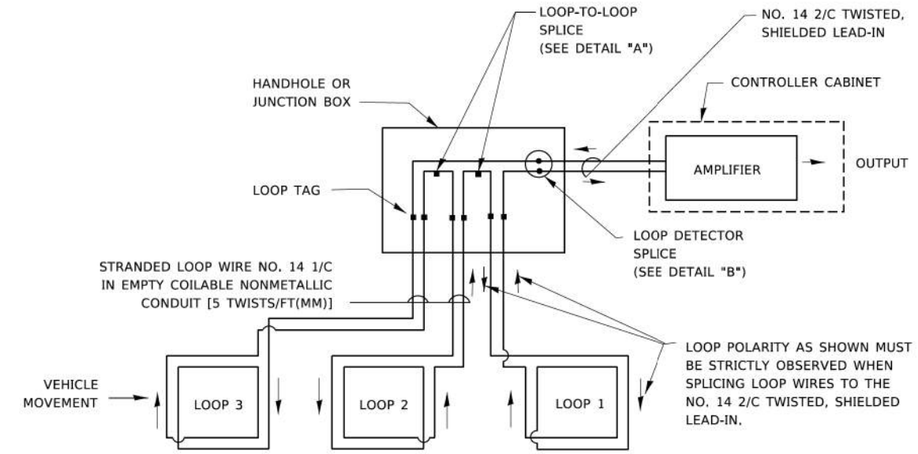
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR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

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

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

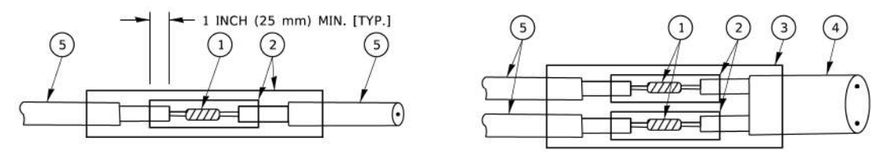
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

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



DETECTOR LOOP WIRING SCHEMATIC

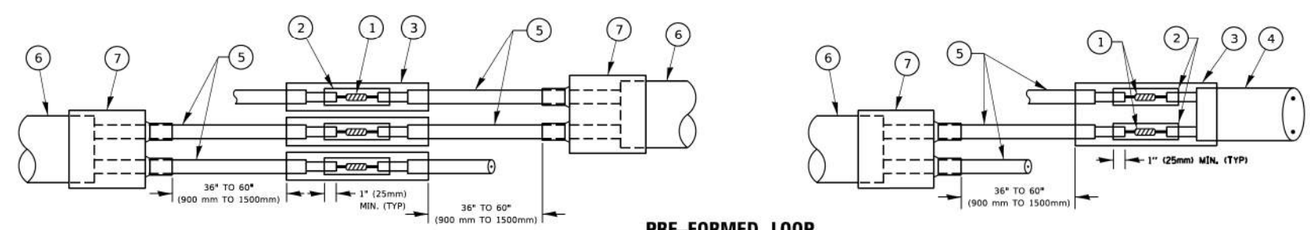
- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



DETAIL "A"
LOOP-TO-LOOP SPLICE

DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP

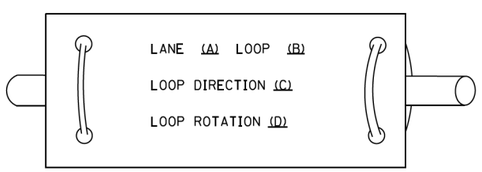


DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP

DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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".

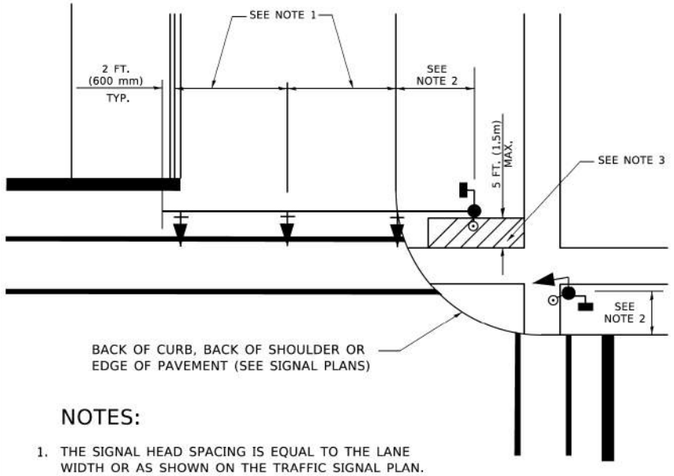
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

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

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

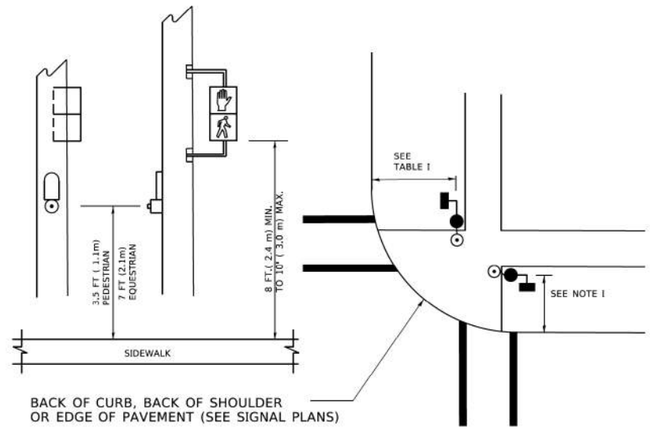
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

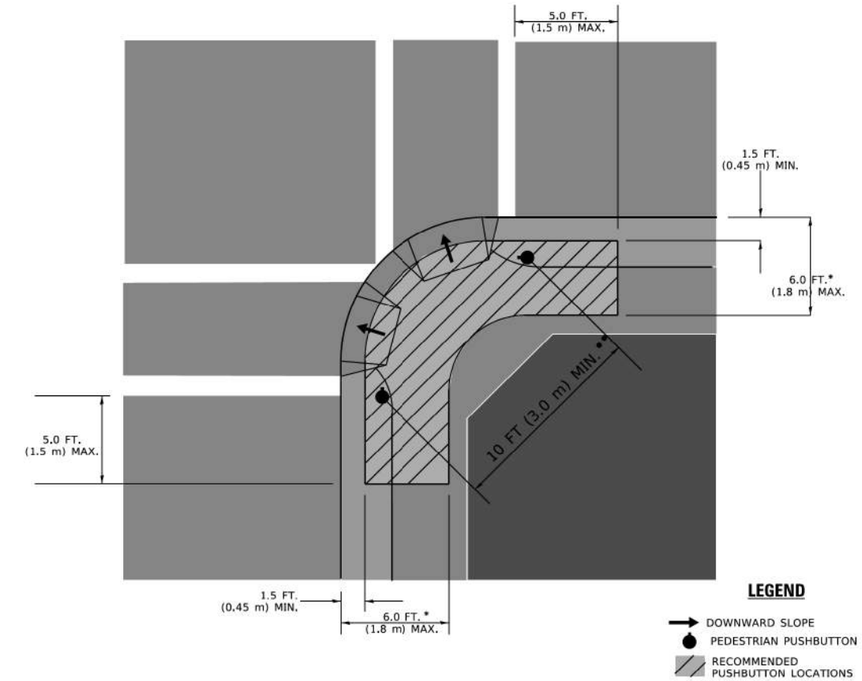
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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:

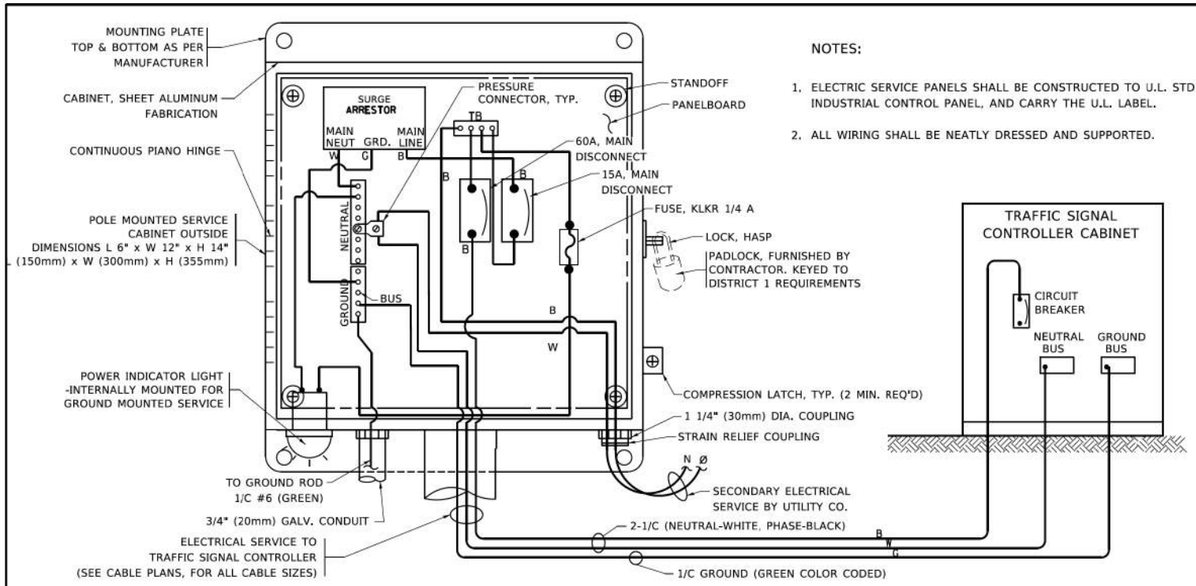
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM 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.



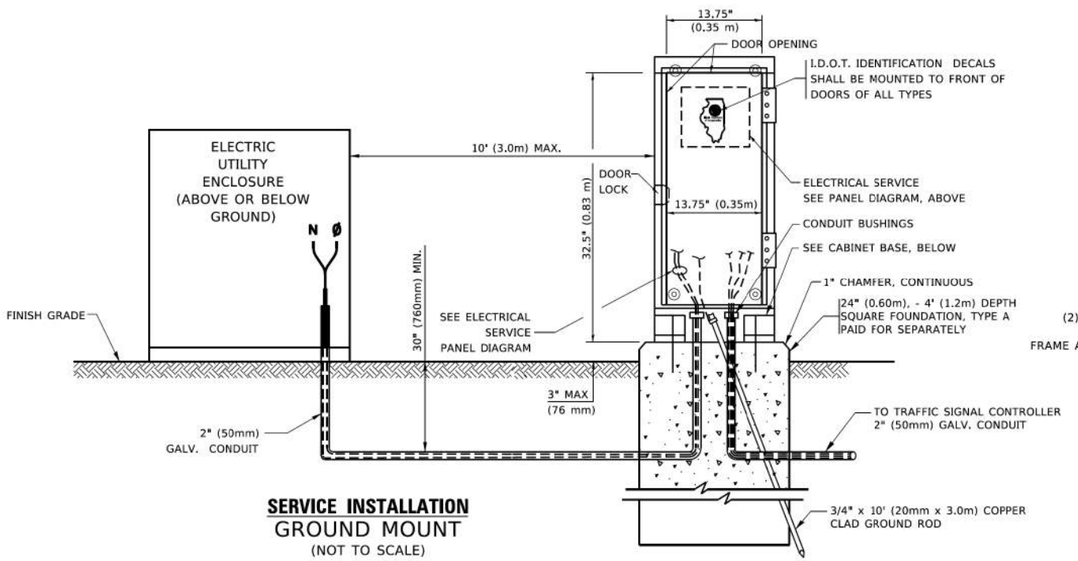
NOTES:

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)

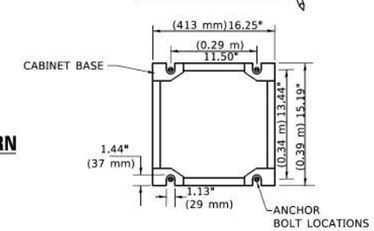
(NOT TO SCALE)



SERVICE INSTALLATION

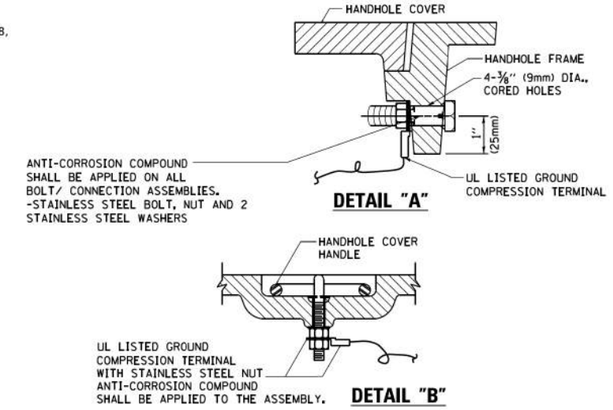
GROUND MOUNT

(NOT TO SCALE)



CABINET – BASE BOLT PATTERN

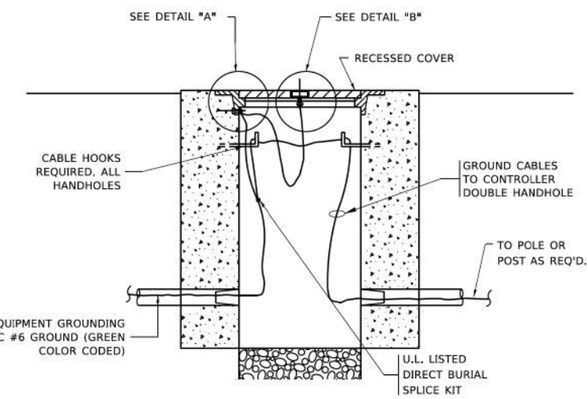
(NOT TO SCALE)



NOTES:

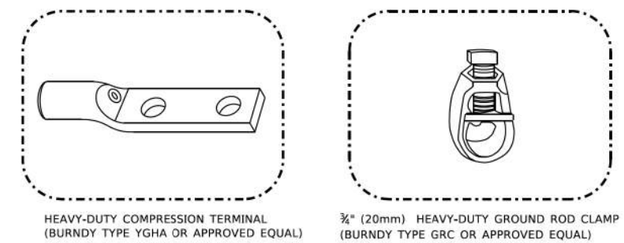
GROUNDING SYSTEM

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



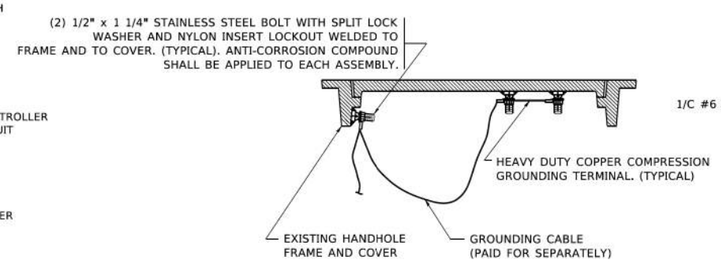
HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



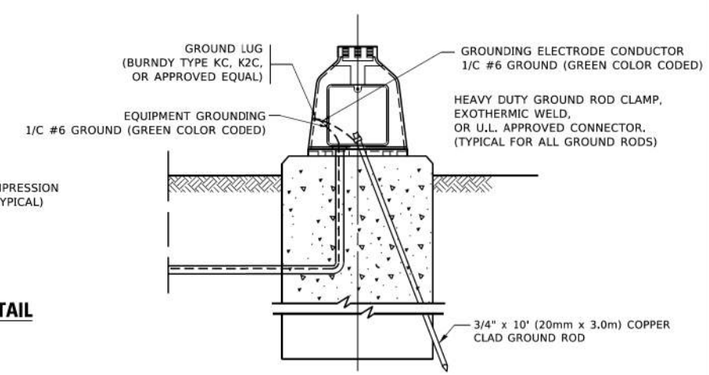
NOTES:

- 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.



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)

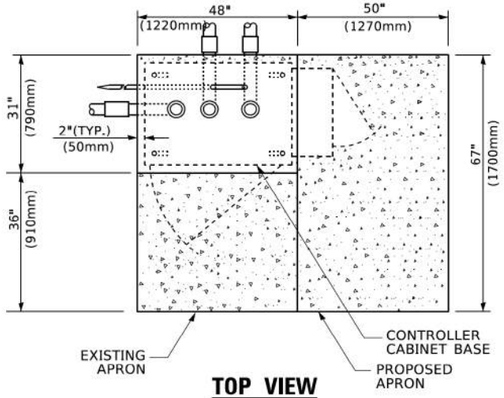


MAST ARM POLE /POST–GROUNDING DETAIL

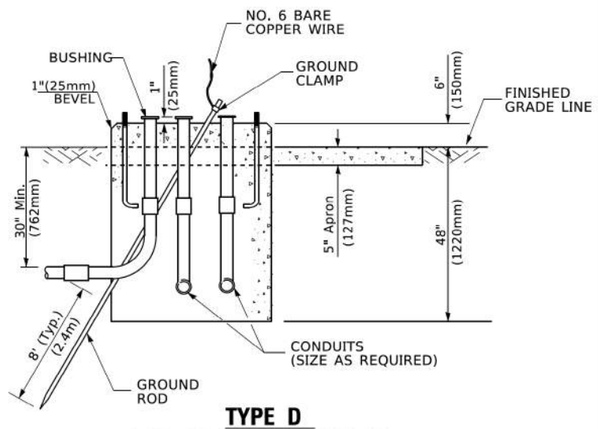
(NOT TO SCALE)

MODEL: $MODELNAME
FILE NAME: SFILELS

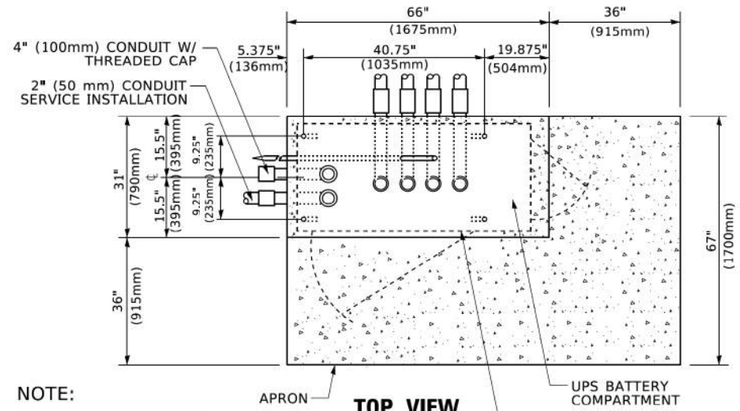
Stanley Consultants INC. 8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801 www.stanleyconsultants.com Illinois Firm Registration No. 184-001533	USER NAME = jootemj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAILS STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS–05d)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			1503	21-00339-00-CH	KANE	132 / 71
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 61J91	
	PLOT DATE = 3/4/2019	DATE - 07-09-2024	REVISED -		SCALE: NONE / SHEET 4 OF 7 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT	



TOP VIEW



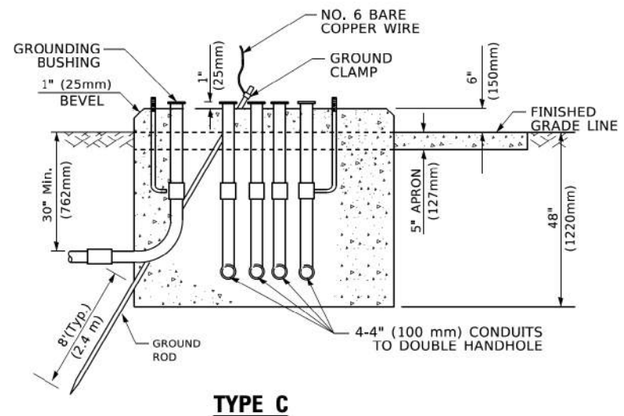
TYPE D
FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET



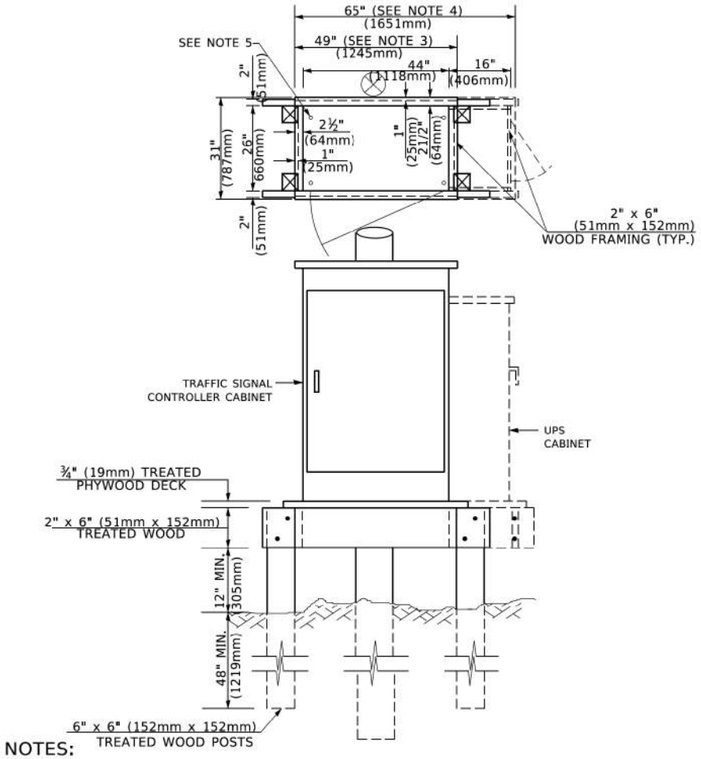
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



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



NOTES:

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

TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	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

MODEL: $MODELNAMES
FILE NAME: SFILELS

Stanley Consultants INC.
8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801
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Illinois Firm Registration No. 184-001533

USER NAME = footemj	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/4/2019	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

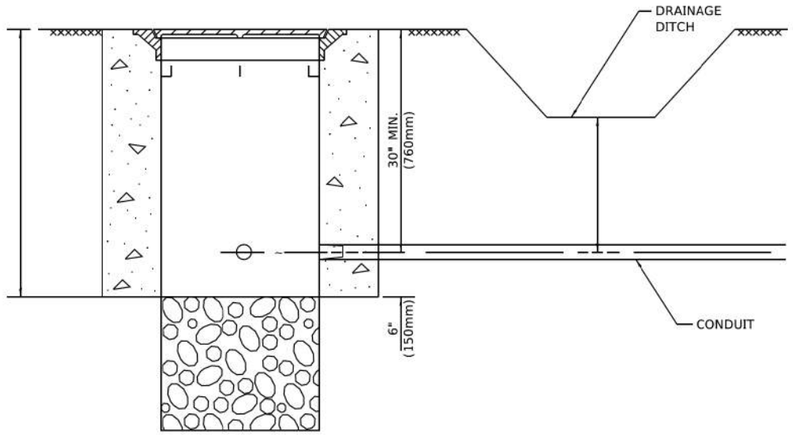
DISTRICT ONE DETAILS
STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05e)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	72

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

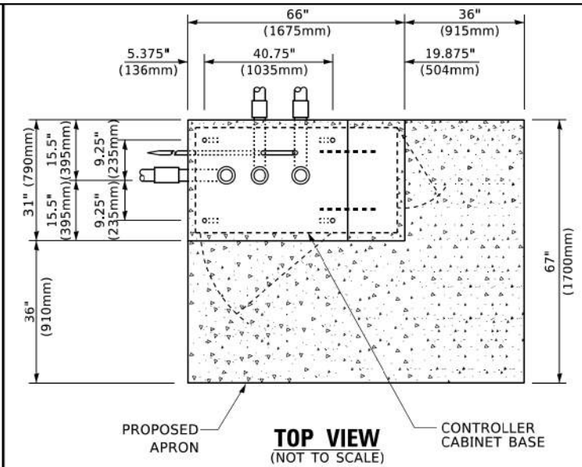


NOTES:

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

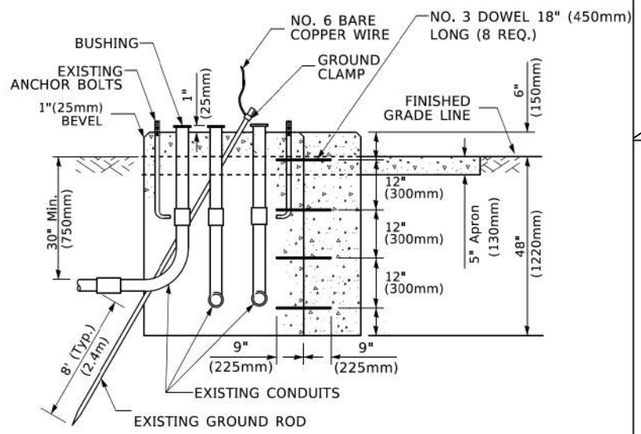
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



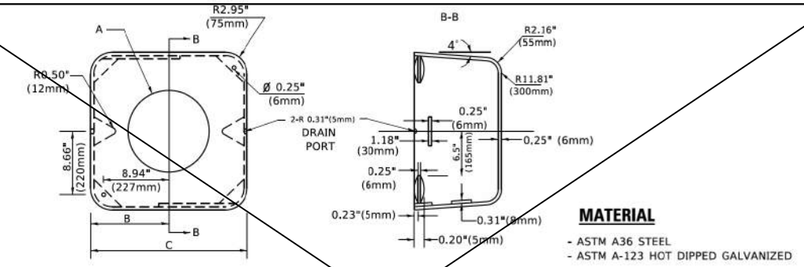
TOP VIEW

(NOT TO SCALE)



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

(NOT TO SCALE)



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)

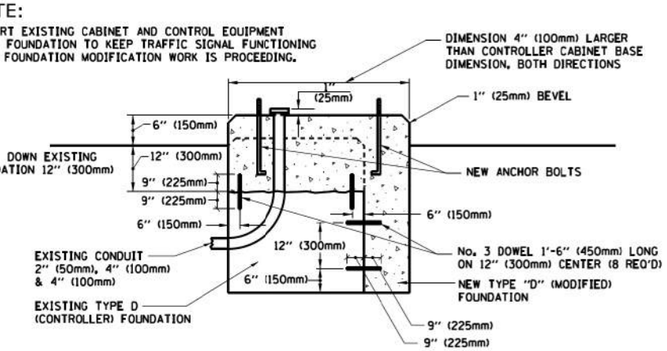
SHROUD

NOTES:

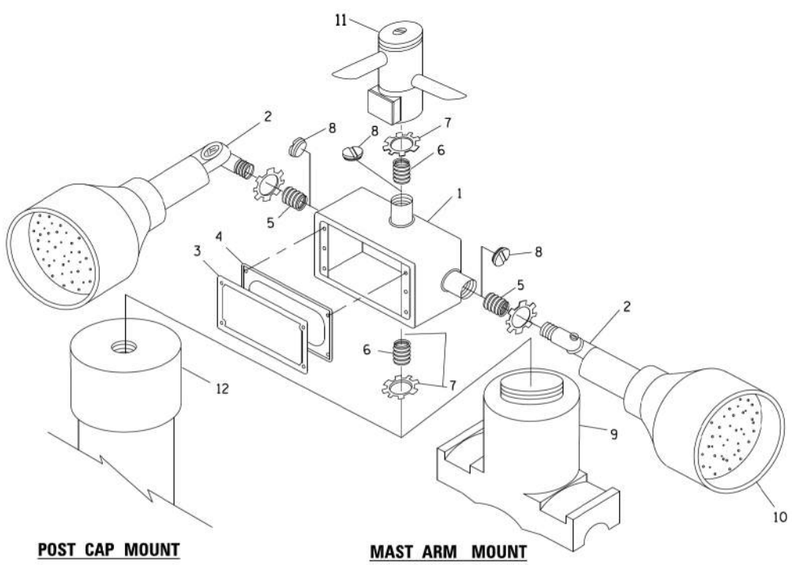
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE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



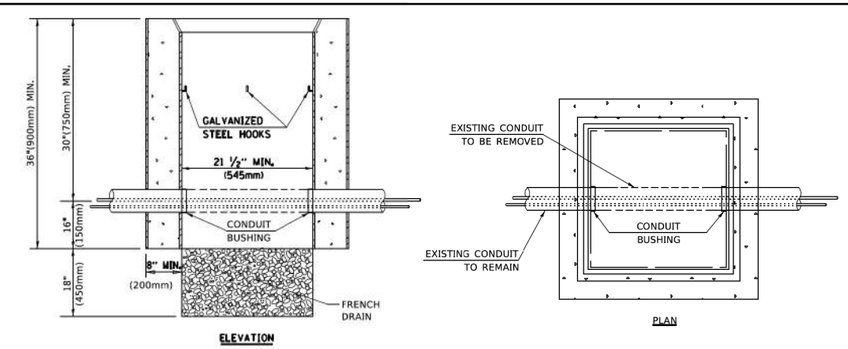
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	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.



NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

MODEL: $MODELNAME$
FILE NAME: SFILE1$

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8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
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USER NAME = footemj	DESIGNED -	REVISED -	
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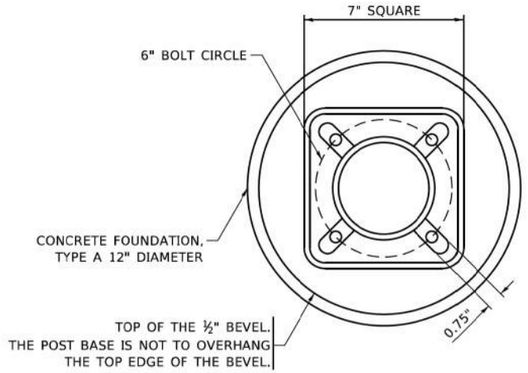
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/4/2019	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE DETAILS
STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05f)

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

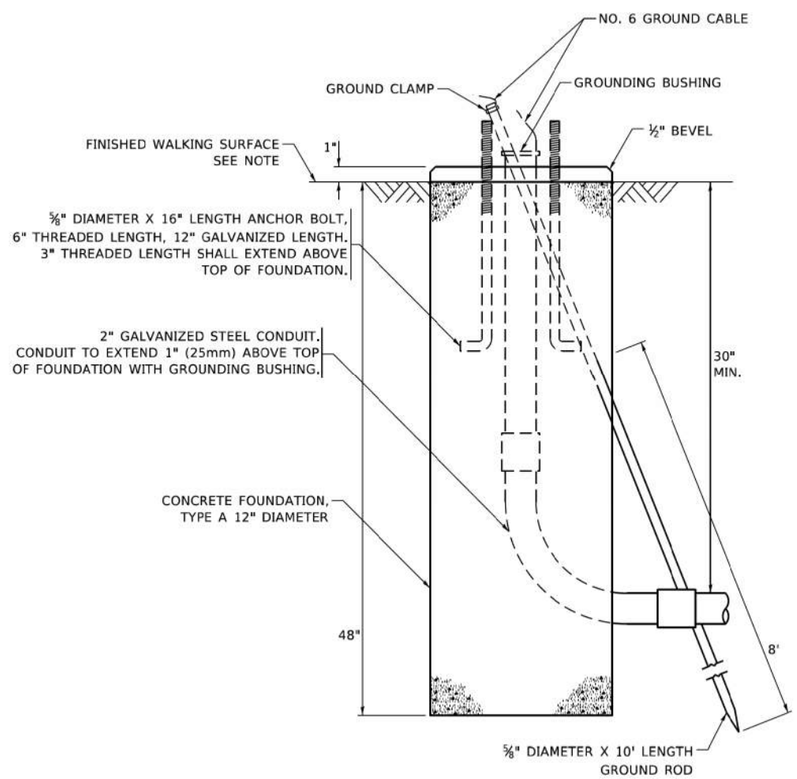
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	73
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		



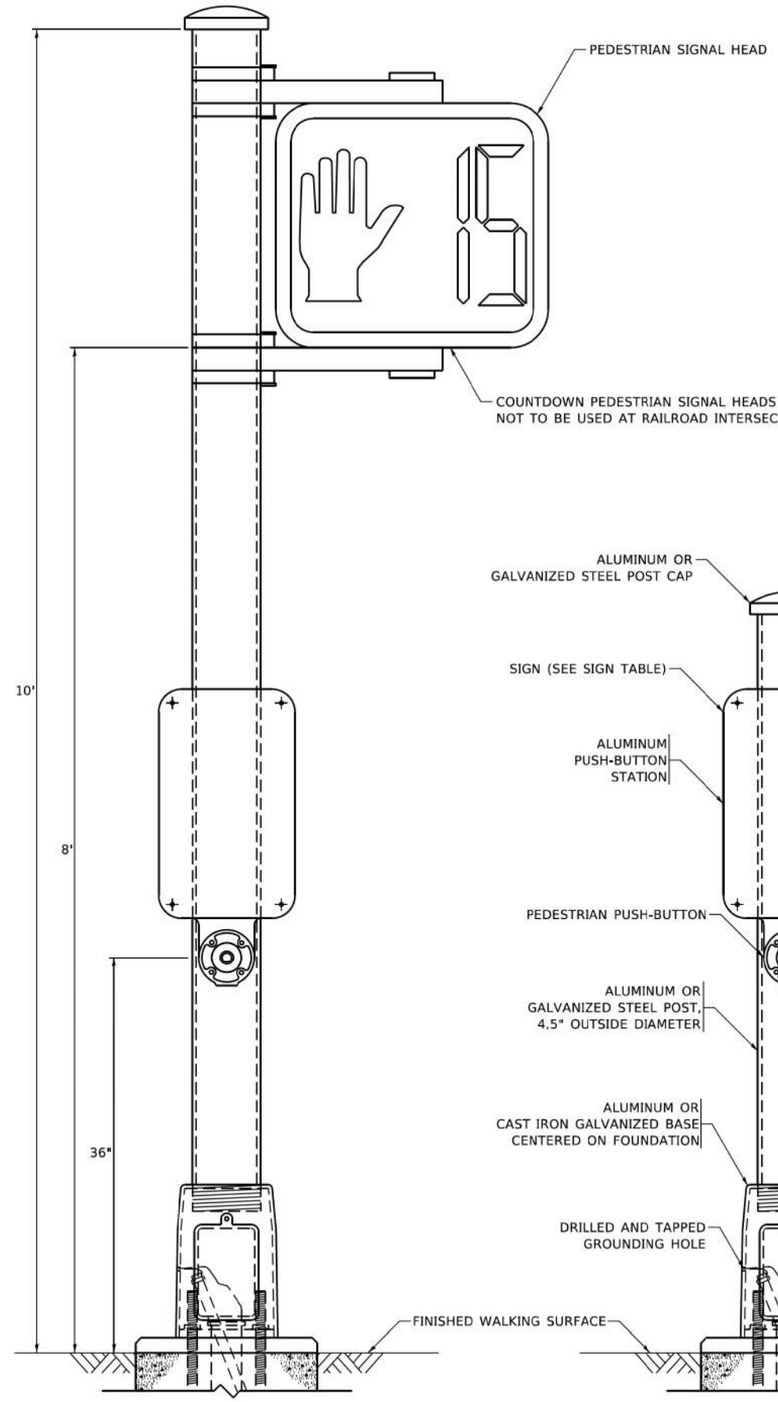
BOLT PATTERN

NOTE:

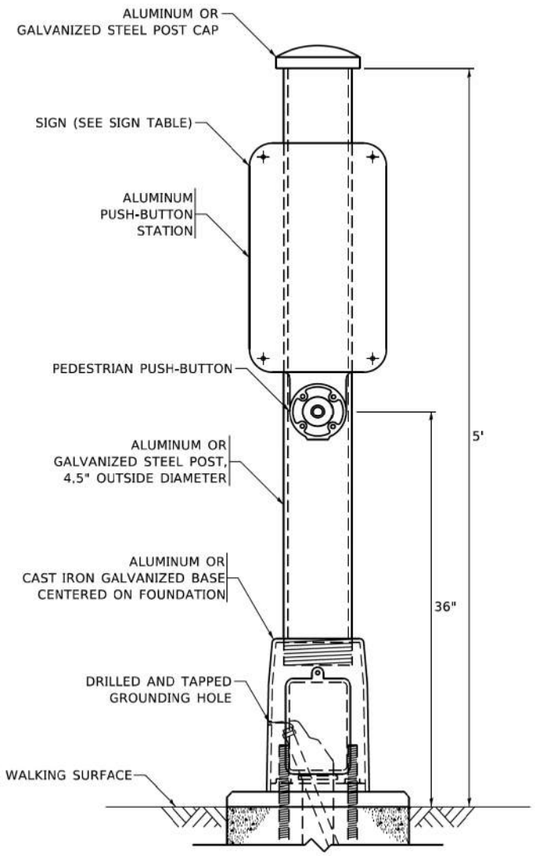
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.

R10–3b **R10–3d** **R10–3e**

SIGN TABLE

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

NOTES:

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

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801
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Illinois Firm Registration No. 184-001533

USER NAME = gag$anobt	DESIGNED - IP	REVISED - 10-15-2020	
	DRAWN - IP	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 11/23/2020	DATE - 10-15-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE DETAILS
STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05g)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	74

CONTRACT NO. 61J91

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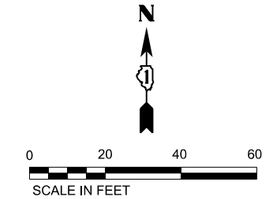
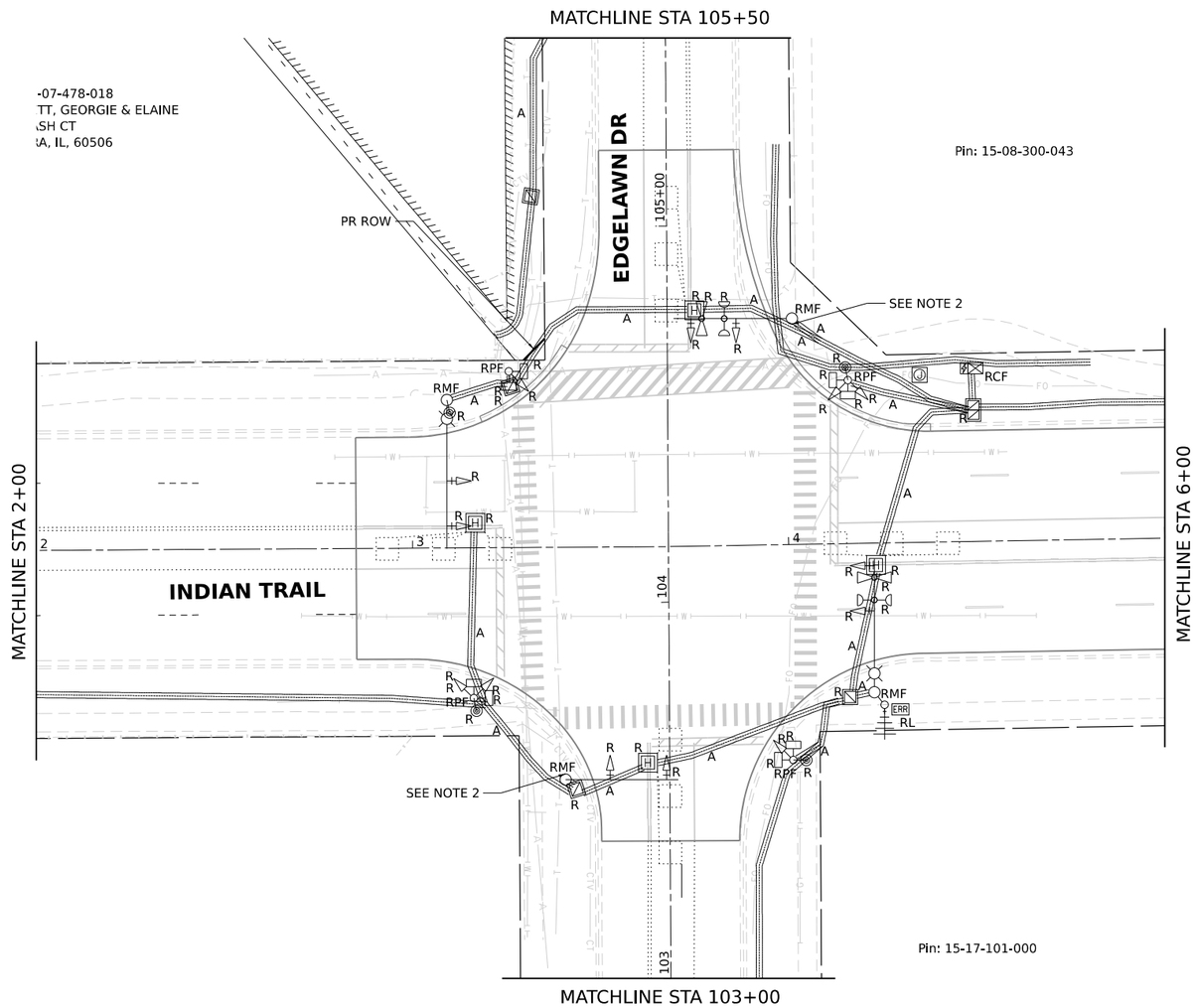




REMOVAL AND RELOCATION NOTES:

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.

6	EACH	3-SECTION SIGNAL HEAD
8	EACH	5-SECTION SIGNAL HEAD
8	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	TRAFFIC SIGNAL POST
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE
8	EACH	PEDESTRIAN SIGNAL HEAD
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR DELIVERY OF ALL THE EQUIPMENT TO BE RETURNED TO THE CITY. CONTRACTOR SHALL CONTACT SCOTT MILLER, ELECTRICAL DIVISION, TO COORDINATE DROP OFF OF THE BELOW EQUIPMENT.

1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	UPS
2	EACH	CONFIRMATION BEACON
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PORTION OF THE INTERCONNECT SYSTEM SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM AND SHALL BE NTCIP COMPLIANT.

2. THE EXISTING BICYCLE GUIDE SIGNS SHALL BE REMOVED AND RELOCATED TO THE PROPOSED MAST ARM POST LOCATED IN THE SAME CORNER OF THE INTERSECTION. THE COST SHALL BE PAID FOR AS THE FOLLOWING:

   REMOVE AND RELOCATE SIGN (SPECIAL) 3 EACH

   WHICH INLUDES ALL SIGNS MOUNTED ON EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE RELOCATED TO PROPOSED SIGNAL POSTS.

EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLANS

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

USER NAME = $USER$	DESIGNED - THG	REVISED -
	DRAWN - MAS	REVISED -
PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

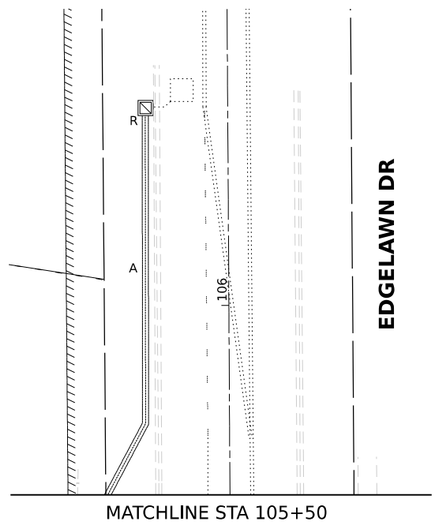
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
INDIAN TRAIL AND EDGELAWN DRIVE

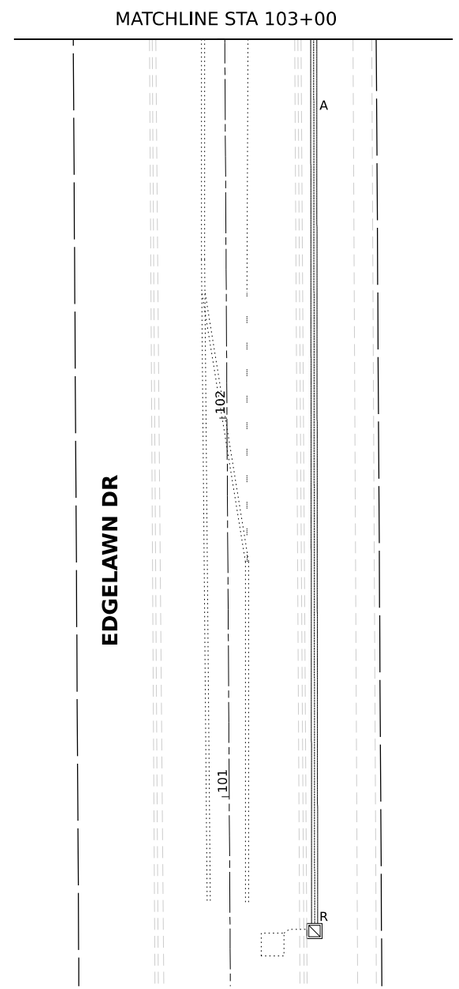
SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 2+00 TO STA. 6+00

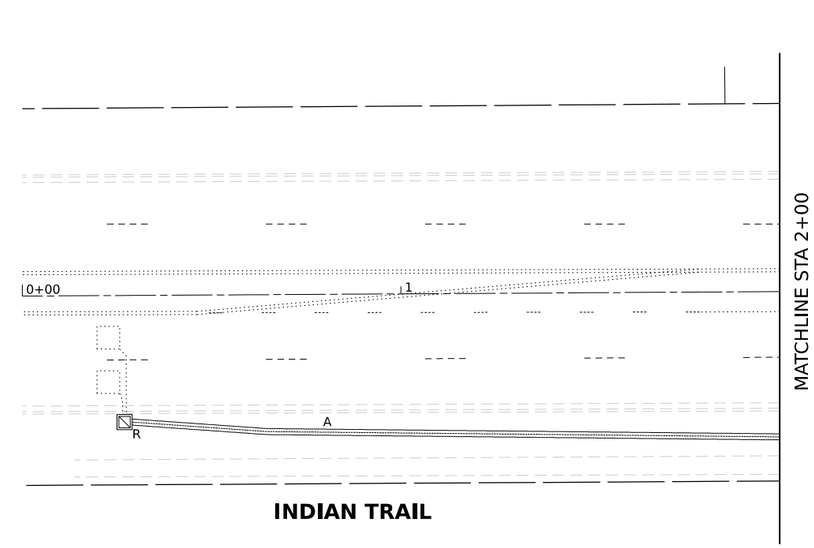
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	75

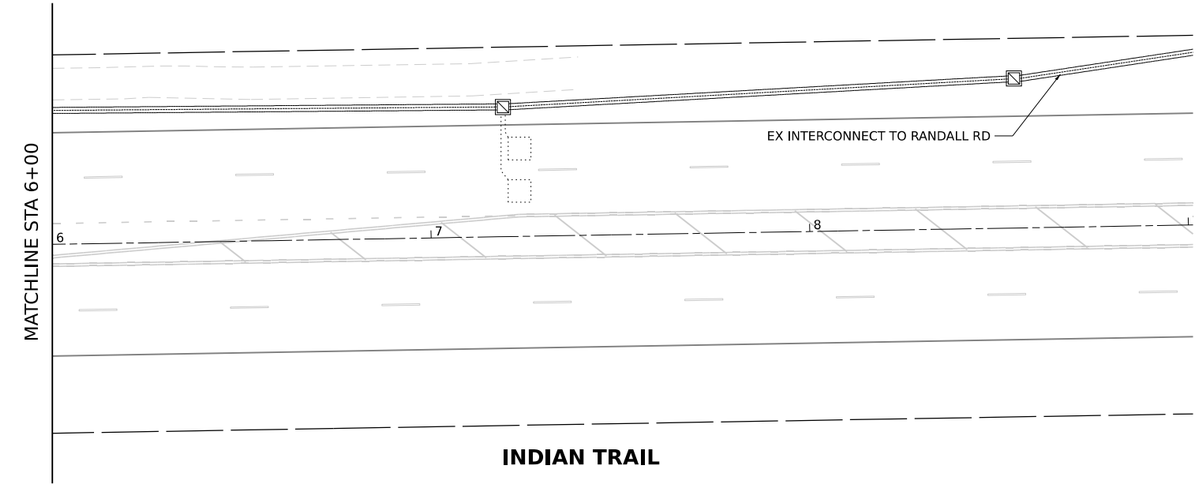
CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT









N

0 20 40 60
SCALE IN FEET

EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLANS

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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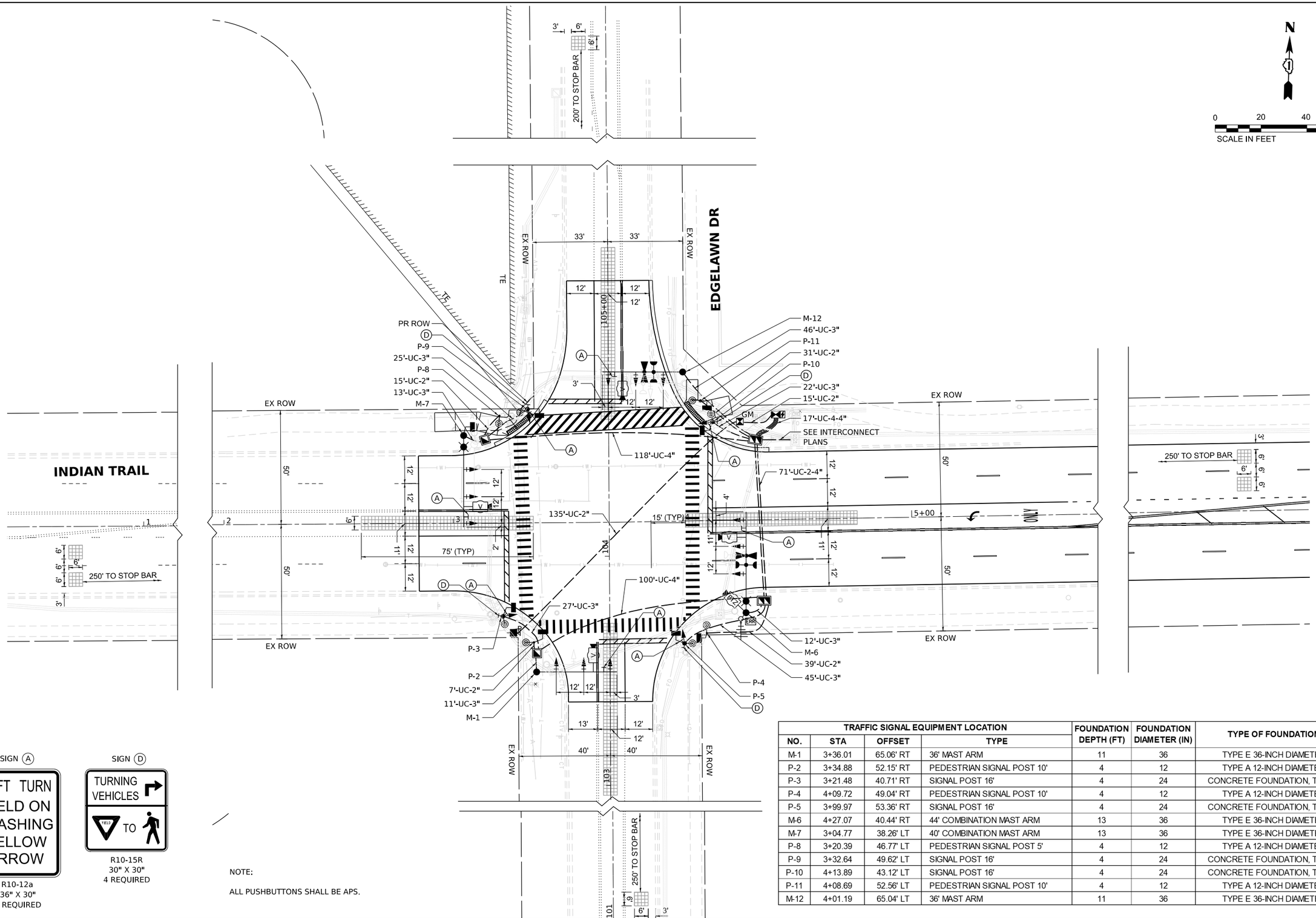
PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
INDIAN TRAIL AND EDGELAWN DRIVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	76
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		



SIGN A

R10-12a
36" X 30"
8 REQUIRED

SIGN D

R10-15R
30" X 30"
4 REQUIRED

NOTE:

ALL PUSHBUTTONS SHALL BE APS.

TRAFFIC SIGNAL EQUIPMENT LOCATION				FOUNDATION DEPTH (FT)	FOUNDATION DIAMETER (IN)	TYPE OF FOUNDATION
NO.	STA	OFFSET	TYPE			
M-1	3+36.01	65.06' RT	36' MAST ARM	11	36	TYPE E 36-INCH DIAMETER
P-2	3+34.88	52.15' RT	PEDESTRIAN SIGNAL POST 10'	4	12	TYPE A 12-INCH DIAMETER
P-3	3+21.48	40.71' RT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
P-4	4+09.72	49.04' RT	PEDESTRIAN SIGNAL POST 10'	4	12	TYPE A 12-INCH DIAMETER
P-5	3+99.97	53.36' RT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
M-6	4+27.07	40.44' RT	44' COMBINATION MAST ARM	13	36	TYPE E 36-INCH DIAMETER
M-7	3+04.77	38.26' LT	40' COMBINATION MAST ARM	13	36	TYPE E 36-INCH DIAMETER
P-8	3+20.39	46.77' LT	PEDESTRIAN SIGNAL POST 5'	4	12	TYPE A 12-INCH DIAMETER
P-9	3+32.64	49.62' LT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
P-10	4+13.89	43.12' LT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
P-11	4+08.69	52.56' LT	PEDESTRIAN SIGNAL POST 10'	4	12	TYPE A 12-INCH DIAMETER
M-12	4+01.19	65.04' LT	36' MAST ARM	11	36	TYPE E 36-INCH DIAMETER

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

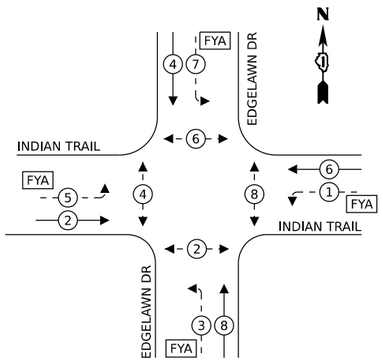
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
INDIAN TRAIL AND EDGELAWN DRIVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	77
		CONTRACT NO. 61J91		
		ILLINOIS	FED. AID PROJECT	

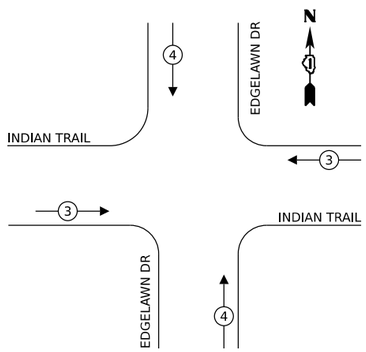
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP
- FYA — FLASHING YELLOW ARROW

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



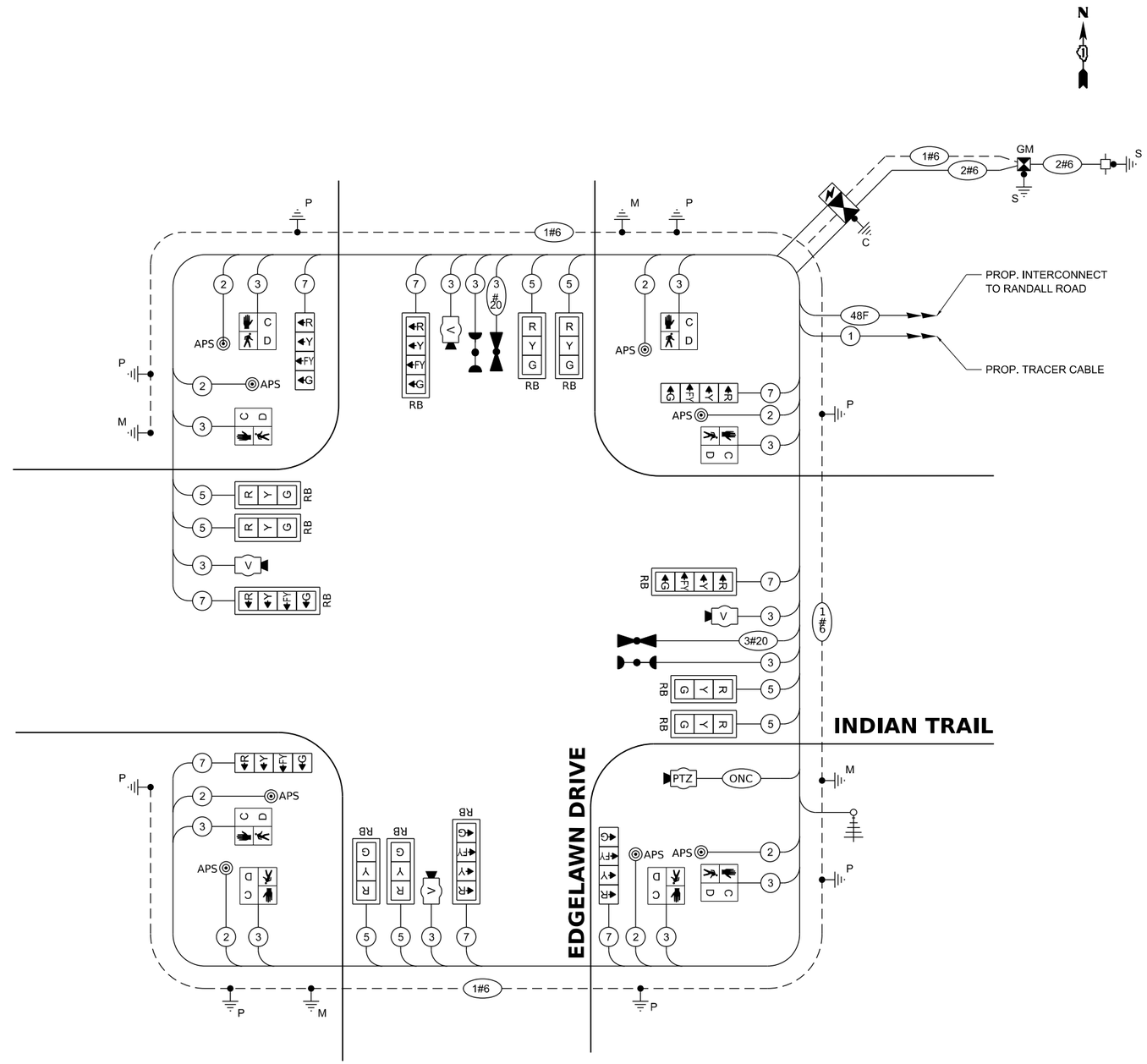
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	8	20	5	8.0
(GREEN)	8	12	45	43.2
ARROW (EXCEPT FYA)	16	10	10	16.0
FLASHING YELLOW ARROW (FYA)	8	12	30	28.8
PED. SIGNAL	8	20	100	160.0
PTZ CAMERA	1	60	100	60.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
FLASHER	-	-	50	-
LUMINAIRE	-	-	50	-
			TOTAL =	679.0

ENERGY COSTS TO:

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60507

ENERGY SUPPLY: CONTACT: COMED NEW BUSINESS
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: ---



CABLE PLAN

NOT TO SCALE

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
INDIAN TRAIL AND EDGELAWN DRIVE

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

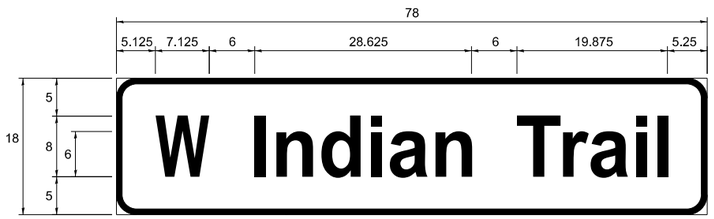
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	78

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

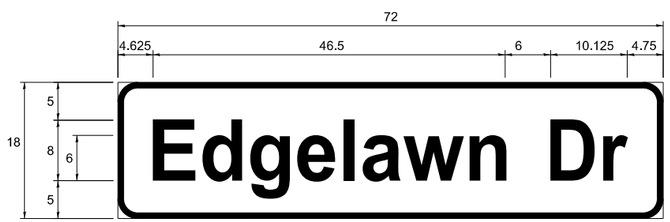
SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	2	ZZ	2

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



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9	1	ZZ	2

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

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QUANTITY
SIGN PANEL - TYPE 1	SQ FT	93
SIGN PANEL - TYPE 2	SQ FT	20
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	242
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	201
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	428
HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,373
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,599
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,584
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,592
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	174
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	701
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	48
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	10
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	299
REMOVE AND RELOCATE SIGN (SPECIAL)	EACH	3
RELOCATE SWITCH	EACH	1
RELOCATE WIRELESS INTERCONNECT (COMPLETE)	L SUM	1
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	176
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
VIDEO VEHICLE DETECTION SYSTEM COMPLETE	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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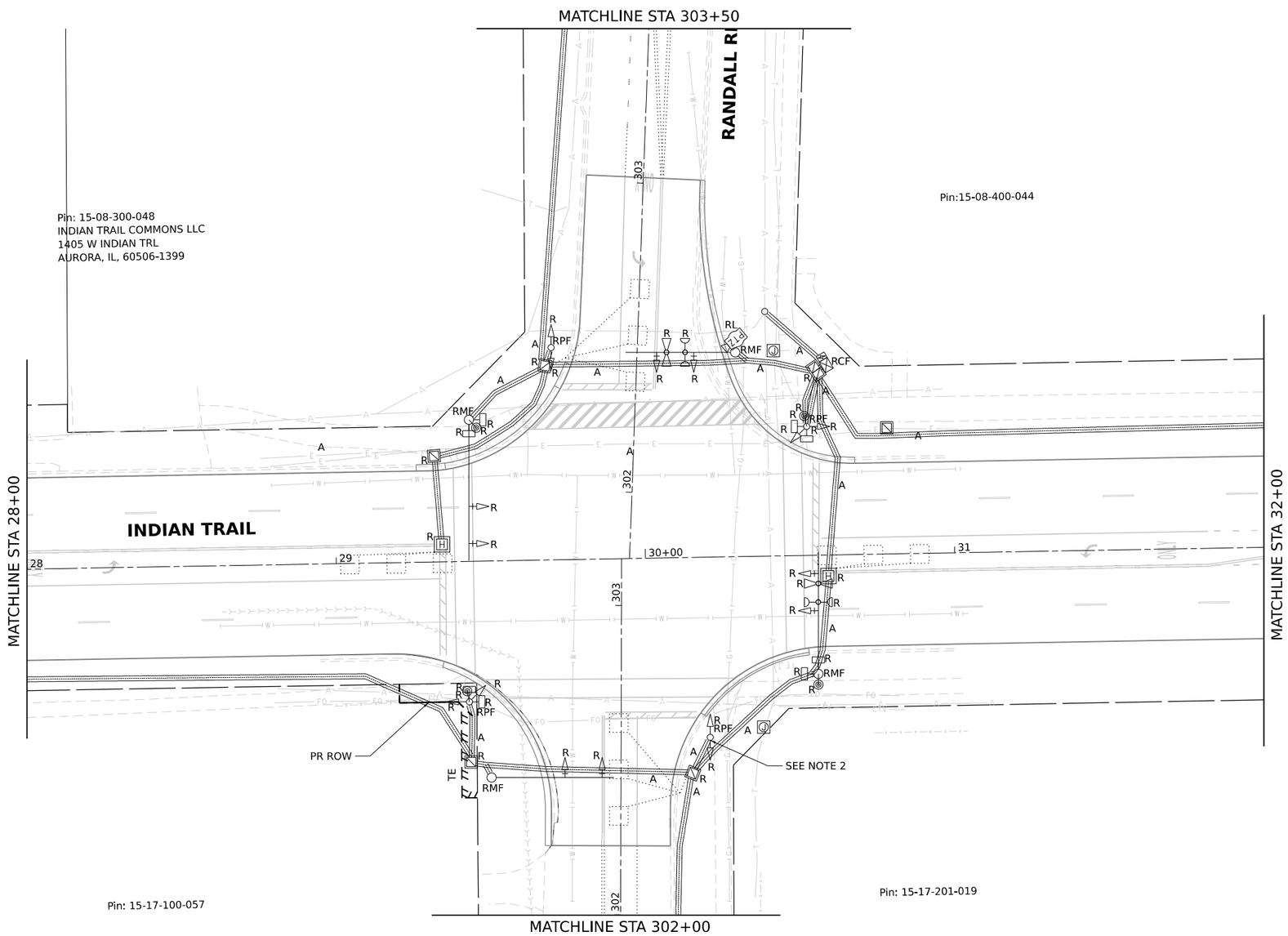
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
INDIAN TRAIL AND EDGELAWN DRIVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	79
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		



N

0 20 40 60

SCALE IN FEET

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.

8	EACH	3-SECTION SIGNAL HEAD
8	EACH	5-SECTION SIGNAL HEAD
8	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	TRAFFIC SIGNAL POST
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE
8	EACH	PEDESTRIAN SIGNAL HEAD
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR DELIVERY OF ALL THE EQUIPMENT TO BE RETURNED TO THE CITY. CONTRACTOR SHALL CONTACT SCOTT MILLER, ELECTRICAL DIVISION, TO COORDINATE DROP OFF OF THE BELOW EQUIPMENT.

1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	UPS
2	EACH	CONFIRMATION BEACON
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PORTION OF THE INTERCONNECT SYSTEM SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM AND SHALL BE NTCIP COMPLIANT.

2. THE EXISTING HOSPITAL SIGN AND SUPPLEMENTAL ARROW SHALL BE REMOVED AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL POST LOCATED IN THE SAME CORNER OF THE INTERSECTION. THE COST SHALL BE PAID FOR AS THE FOLLOWING:

   REMOVE AND RELOCATE SIGN (SPECIAL) 2 EACH

   WHICH INCLUDES ALL SIGNS MOUNTED ON EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE RELOCATED TO PROPOSED SIGNAL POSTS.

EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLANS

MODEL: $MODELNAME$
FILE NAME: $FILE$

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

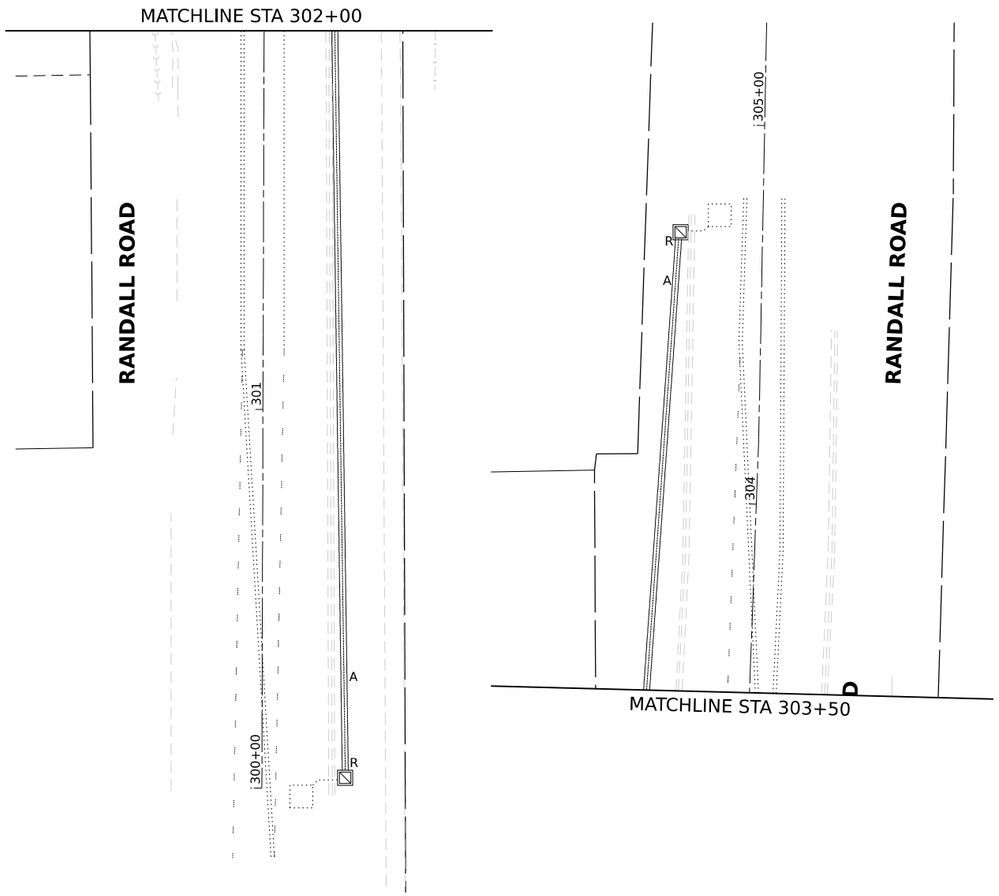
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
INDIAN TRAIL AND RANDALL ROAD

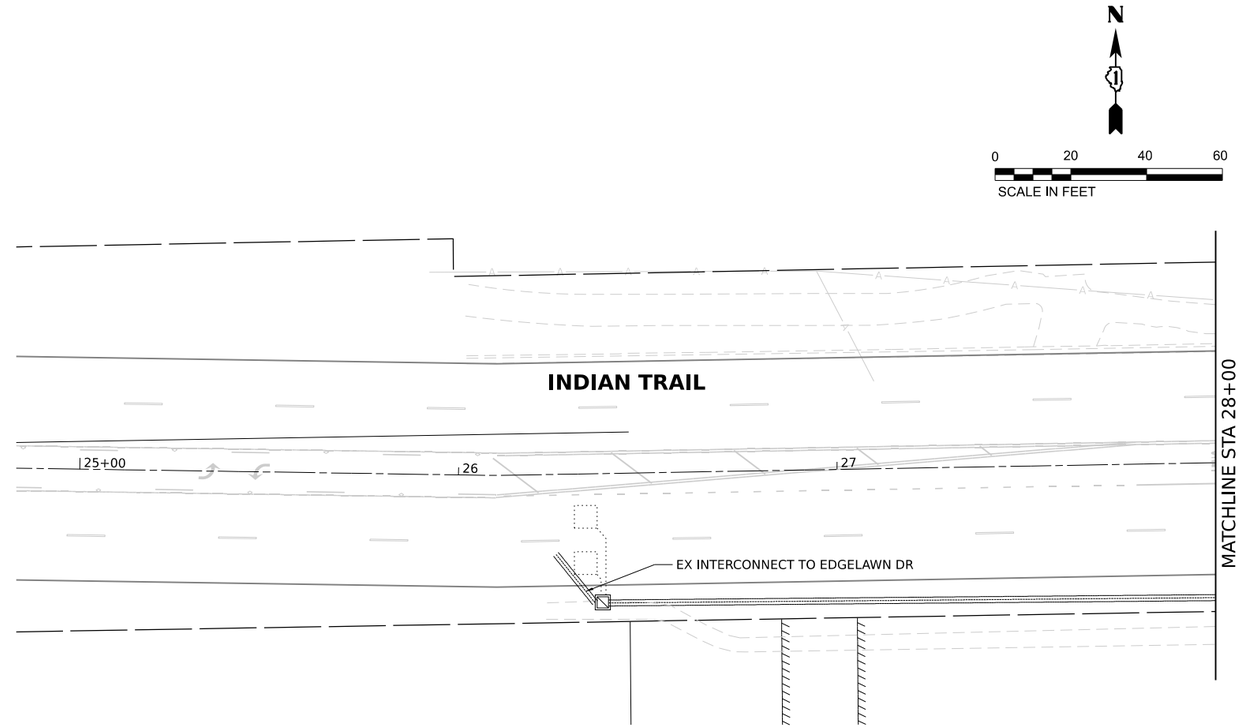
SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 28+00 TO STA. 32+00

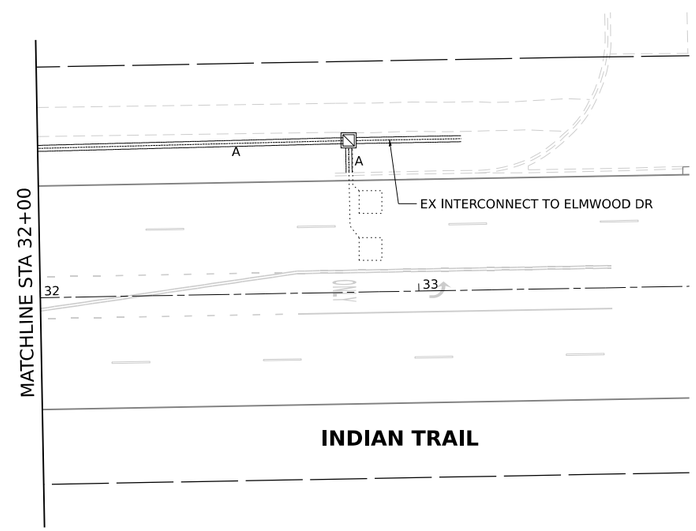
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	80

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT







EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLANS

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

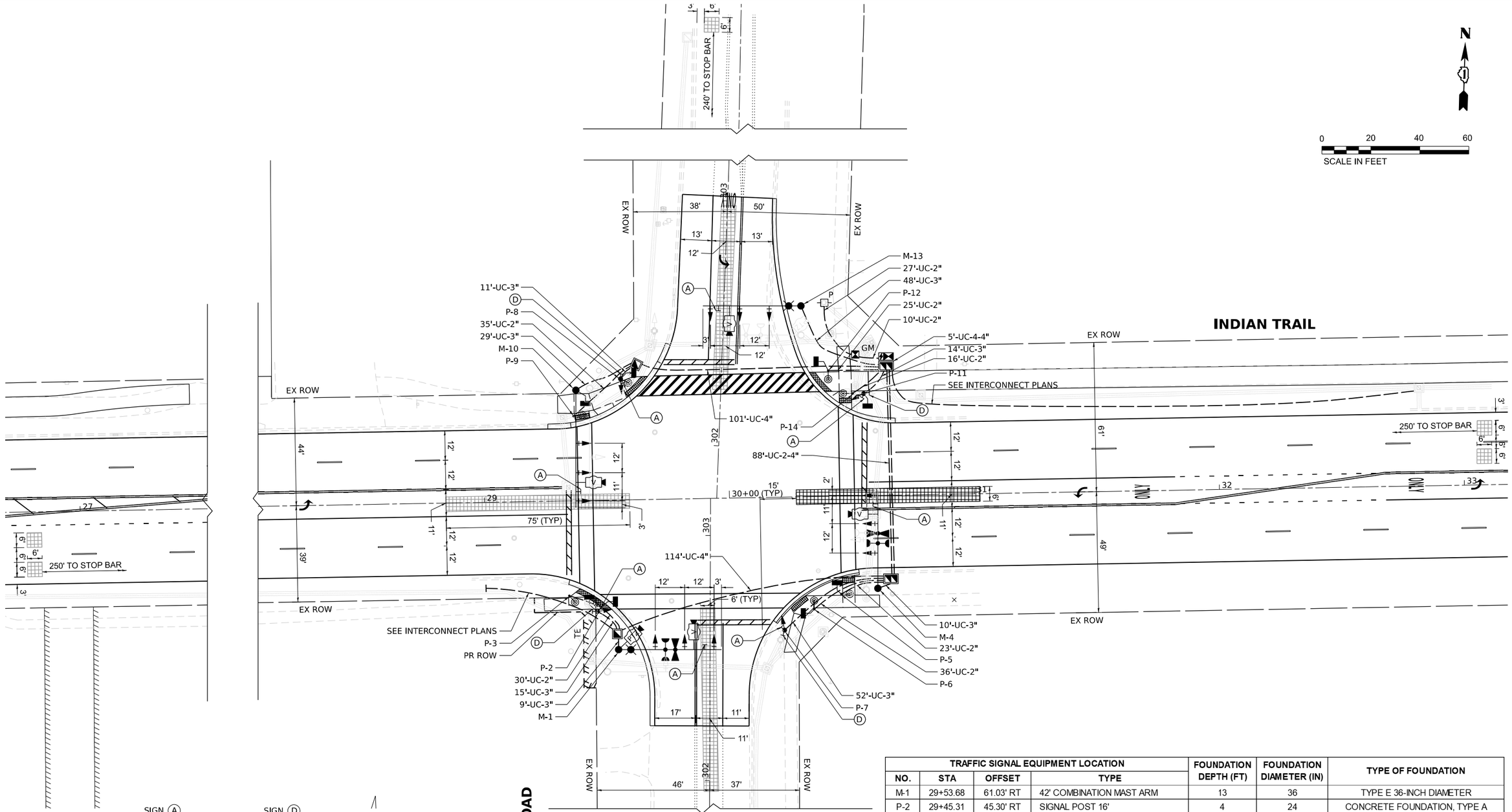
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
INDIAN TRAIL AND RANDALL ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	81

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



SIGN (A)

R10-12a
36" X 30"
8 REQUIRED

SIGN (D)

R10-15R
30" X 30"
4 REQUIRED

NOTE:

ALL PUSHBUTTONS SHALL BE APS.

TRAFFIC SIGNAL EQUIPMENT LOCATION				FOUNDATION DEPTH (FT)	FOUNDATION DIAMETER (IN)	TYPE OF FOUNDATION
NO.	STA	OFFSET	TYPE			
M-1	29+53.68	61.03' RT	42' COMBINATION MAST ARM	13	36	TYPE E 36-INCH DIAMETER
P-2	29+45.31	45.30' RT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
P-3	29+33.97	38.70' RT	PEDESTRIAN SIGNAL POST 5'	4	12	TYPE A 12-INCH DIAMETER
M-4	30+59.93	37.87' RT	40' MAST ARM	13	36	TYPE E 36-INCH DIAMETER
P-5	30+44.97	39.93' RT	PEDESTRIAN SIGNAL POST 10'	4	12	TYPE A 12-INCH DIAMETER
P-6	30+33.80	45.91' RT	PEDESTRIAN SIGNAL POST 10'	4	12	TYPE A 12-INCH DIAMETER
P-7	30+21.57	54.28' RT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
P-8	29+56.42	49.43' LT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
P-9	29+36.97	34.50' LT	PEDESTRIAN SIGNAL POST 5'	4	12	TYPE A 12-INCH DIAMETER
M-10	29+39.09	45.32' LT	48' MAST ARM	13	36	TYPE E 36-INCH DIAMETER
P-11	30+51.54	40.01' LT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
P-12	30+41.18	51.31' LT	PEDESTRIAN SIGNAL POST 10'	4	12	TYPE A 12-INCH DIAMETER
M-13	30+30.54	77.92' LT	40' COMBINATION MAST ARM	13	36	TYPE E 36-INCH DIAMETER

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
INDIAN TRAIL AND RANALL ROAD

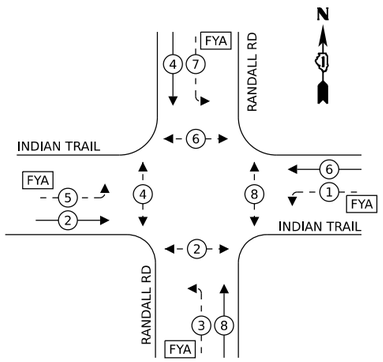
SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	82

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

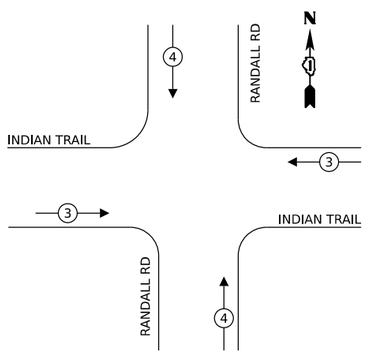
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP
- FYA — FLASHING YELLOW ARROW

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



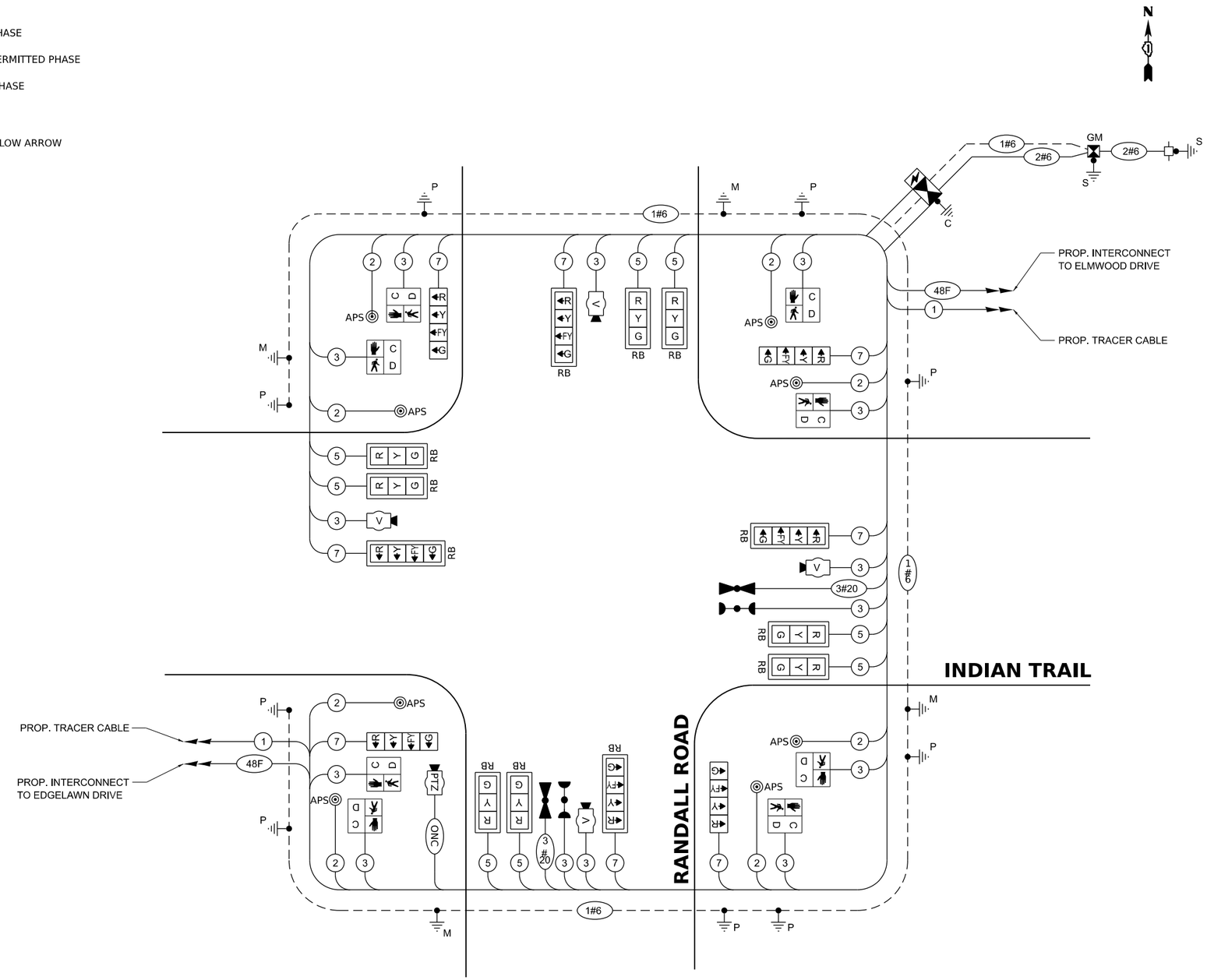
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	8	20	5	8.0
(GREEN)	8	12	45	43.2
ARROW (EXCEPT FYA)	16	10	10	16.0
FLASHING YELLOW ARROW (FYA)	8	12	30	28.8
PED. SIGNAL	8	20	100	160.0
PTZ CAMERA	1	60	100	60.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
FLASHER	-	-	50	-
LUMINAIRE	-	-	50	-
			TOTAL =	679.0

ENERGY COSTS TO:

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60507

ENERGY SUPPLY: CONTACT: COMED NEW BUSINESS
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: ---



CABLE PLAN

NOT TO SCALE

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 720, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001553

USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE SECTION DIAGRAM
INDIAN TRAIL AND RANDALL ROAD

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

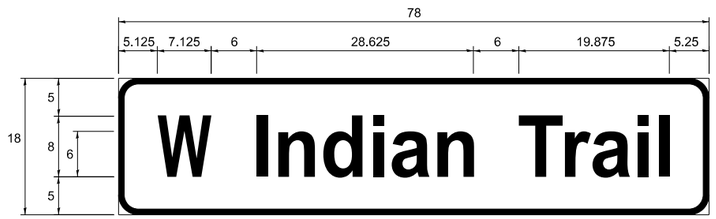
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	83

CONTRACT NO. 61J91

ILLINOIS FED. AID PROJECT

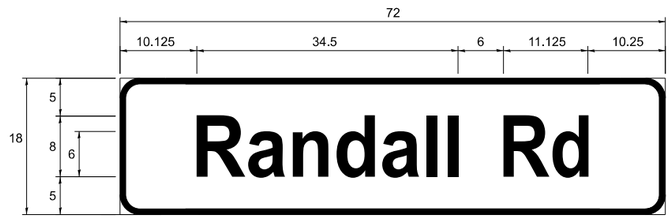
SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	2	ZZ	2

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



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9	1	ZZ	2

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

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QUANTITY
SIGN PANEL - TYPE 1	SQ FT	93
SIGN PANEL - TYPE 2	SQ FT	20
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	186
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	196
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	411
HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,325
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,848
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,610
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,568
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	61
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	754
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	8
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	479
RELOCATE EXISTING REMOTE CONTROLLED VIDEO VEHICLE SYSTEM (SPECIAL)	EACH	1
RELOCATE SWITCH	EACH	1
RELOCATE EXISTING VIDEO ENCODER, SPECIAL	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	298
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
VIDEO VEHICLE DETECTION SYSTEM COMPLETE	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

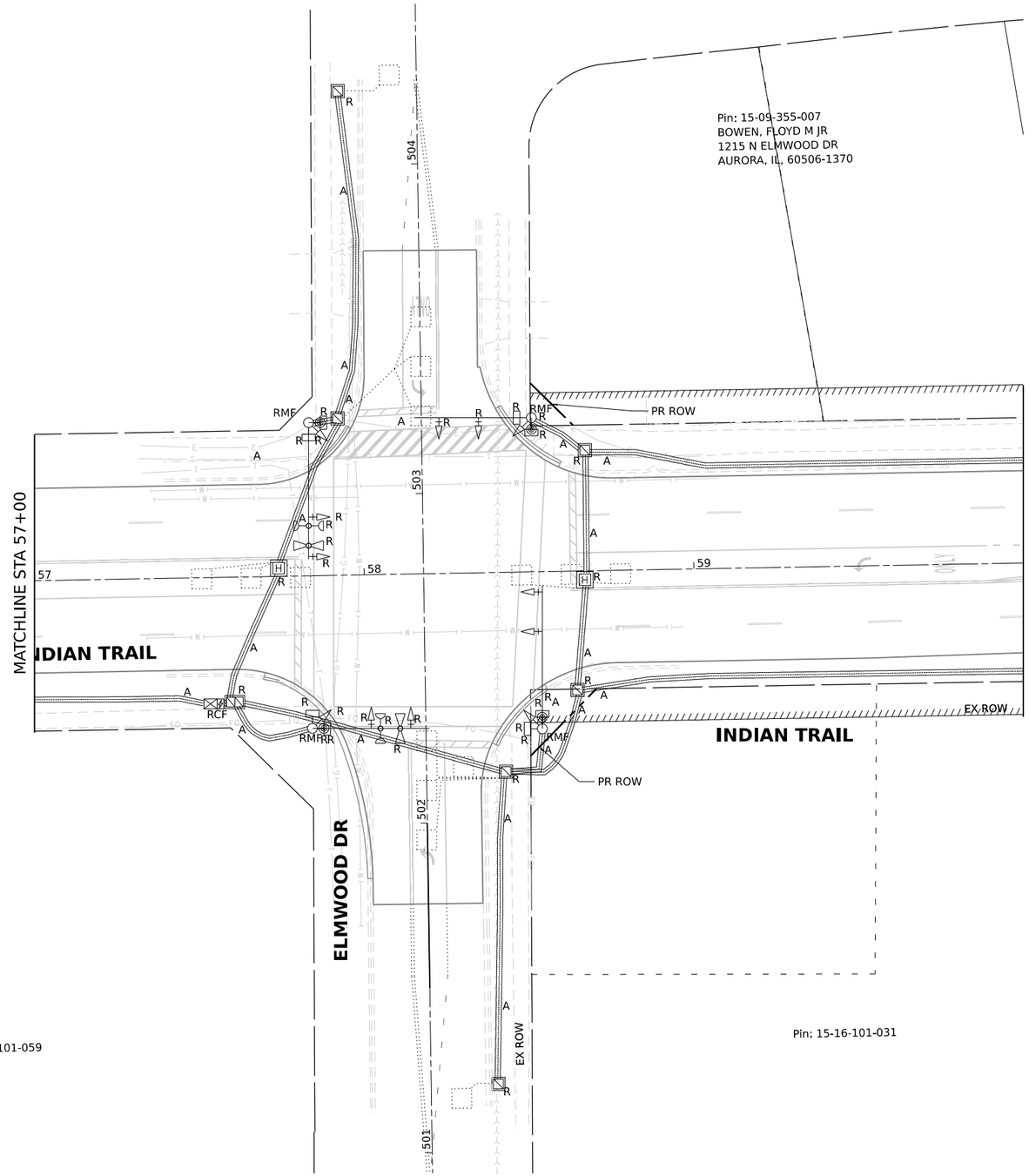
STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
INDIAN TRAIL AND RANDALL ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	84

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT



N

0 20 40 60

SCALE IN FEET

REMOVAL AND RELOCATION NOTES:

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

4	EACH	3-SECTION SIGNAL HEAD
8	EACH	5-SECTION SIGNAL HEAD
8	EACH	TRAFFIC SIGNAL BACKPLATE
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE
8	EACH	PEDESTRIAN SIGNAL HEAD
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR DELIVERY OF ALL THE EQUIPMENT TO BE RETURNED TO THE CITY. CONTRACTOR SHALL CONTACT SCOTT MILLER, ELECTRICAL DIVISION, TO COORDINATE DROP OFF OF THE BELOW EQUIPMENT.

1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	UPS
2	EACH	CONFIRMATION BEACON
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PORTION OF THE INTERCONNECT SYSTEM SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM AND SHALL BE NTCIP COMPLIANT.

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

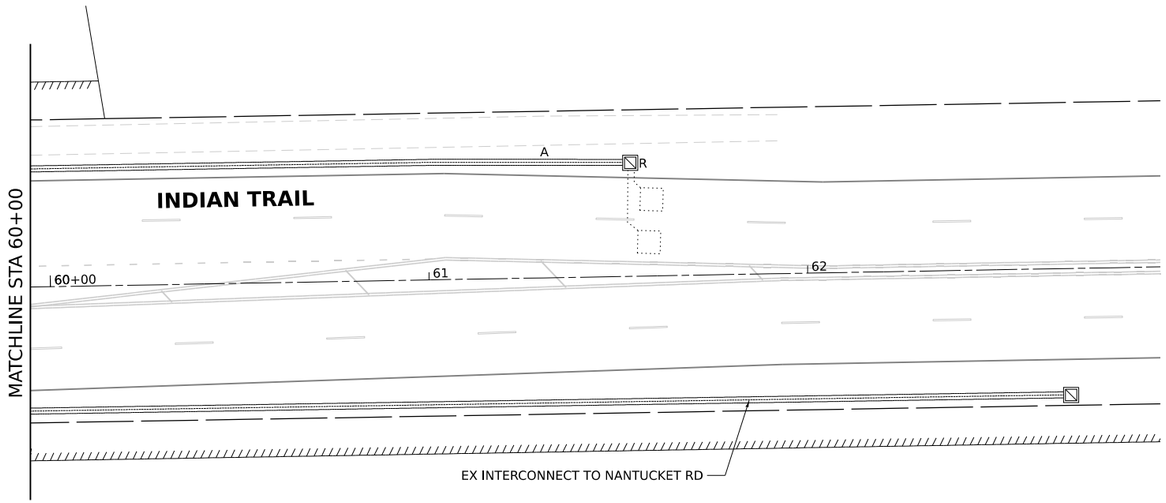
REMOVE EXSTING TRAFFIC SIGNAL EQUIPMENT PLAN
INDIAN TRAIL AND ELMWOOD DRIVE

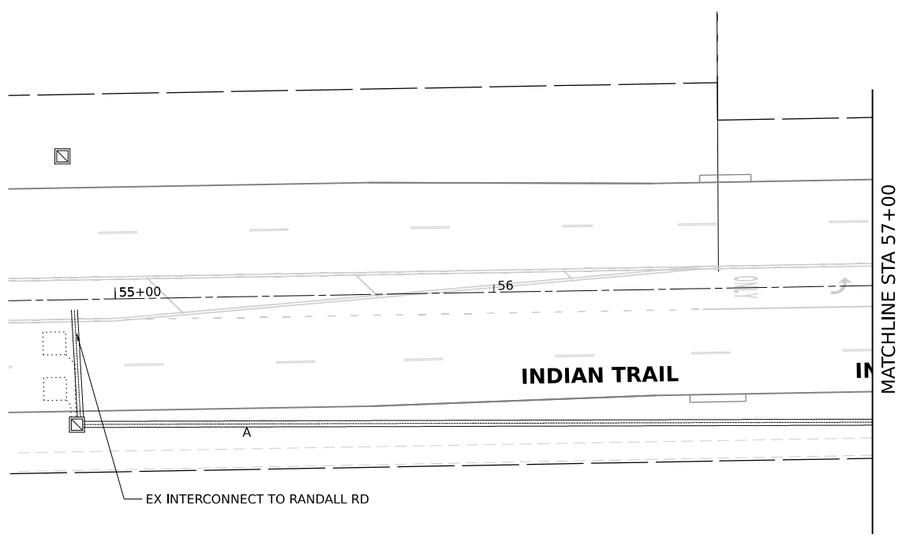
SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 57+00 TO STA. 60+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	85

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT





N

0 20 40 60

SCALE IN FEET

MODEL: $MODELNAME$
FILE NAME: $FILE$

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Illinois Firm Registration No. 184-001533

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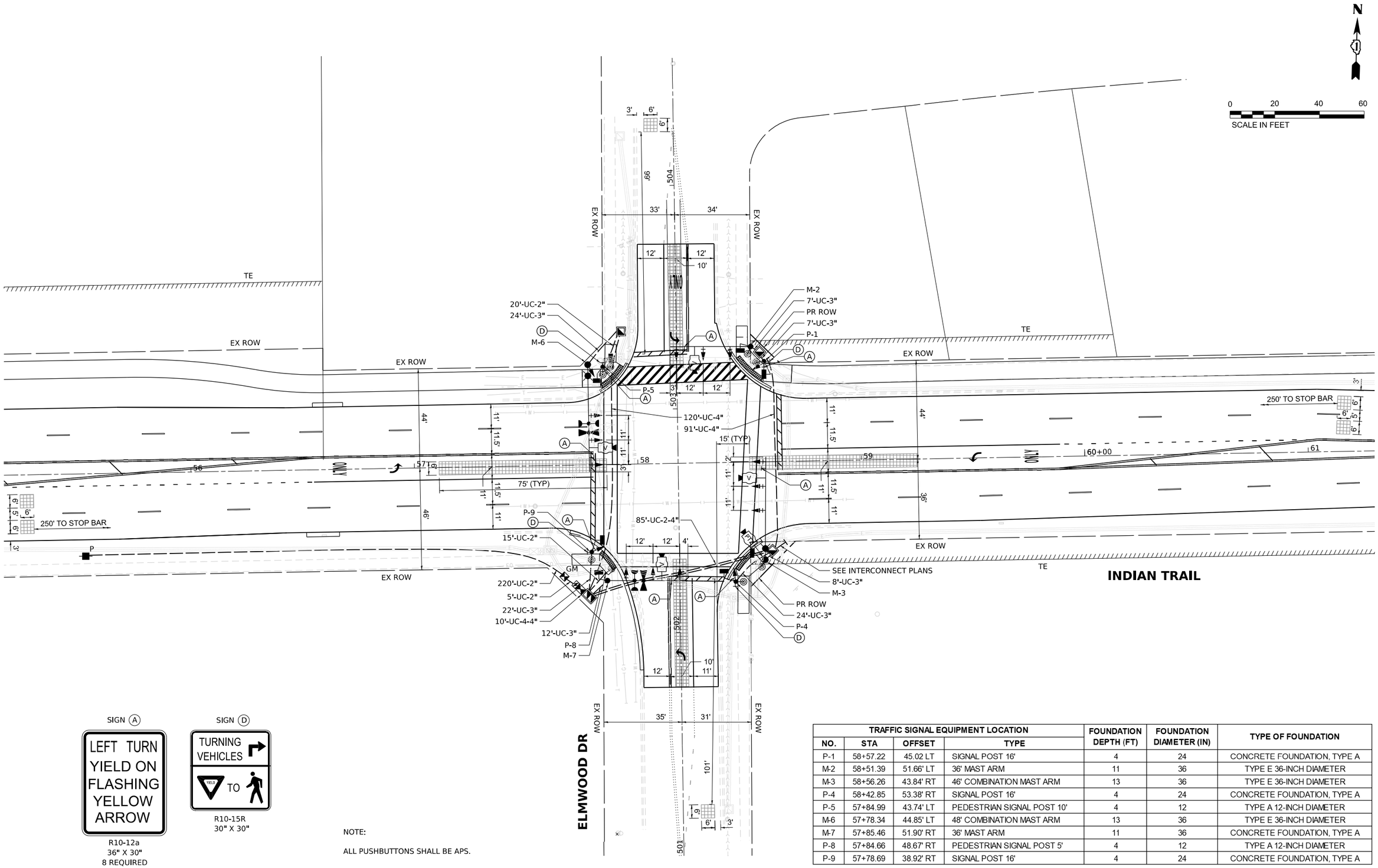
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXSTING TRAFFIC SIGNAL EQUIPMENT PLAN
INDIAN TRAIL AND ELMWOOD DRIVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	86
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		



SIGN (A)

LEFT TURN
YIELD ON
FLASHING
YELLOW
ARROW

R10-12a
36" X 30"
8 REQUIRED

SIGN (D)

TURNING VEHICLES
YIELD TO

R10-15R
30" X 30"

NOTE:

ALL PUSHBUTTONS SHALL BE APS.

TRAFFIC SIGNAL EQUIPMENT LOCATION				FOUNDATION DEPTH (FT)	FOUNDATION DIAMETER (IN)	TYPE OF FOUNDATION
NO.	STA	OFFSET	TYPE			
P-1	58+57.22	45.02 LT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
M-2	58+51.39	51.66' LT	36' MAST ARM	11	36	TYPE E 36-INCH DIAMETER
M-3	58+56.26	43.84' RT	46' COMBINATION MAST ARM	13	36	TYPE E 36-INCH DIAMETER
P-4	58+42.85	53.38' RT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
P-5	57+84.99	43.74' LT	PEDESTRIAN SIGNAL POST 10'	4	12	TYPE A 12-INCH DIAMETER
M-6	57+78.34	44.85' LT	48' COMBINATION MAST ARM	13	36	TYPE E 36-INCH DIAMETER
M-7	57+85.46	51.90' RT	36' MAST ARM	11	36	CONCRETE FOUNDATION, TYPE A
P-8	57+84.66	48.67' RT	PEDESTRIAN SIGNAL POST 5'	4	12	TYPE A 12-INCH DIAMETER
P-9	57+78.69	38.92' RT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
INDIAN TRAIL AND ELMWOOD DRIVE

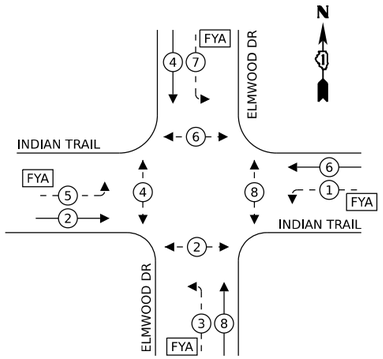
SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	87

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

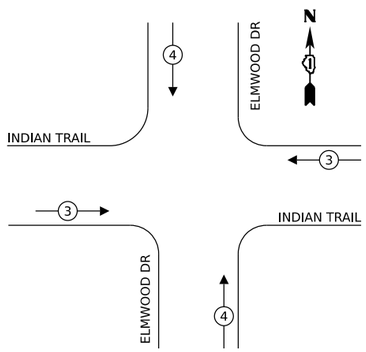
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP
- FYA — FLASHING YELLOW ARROW

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



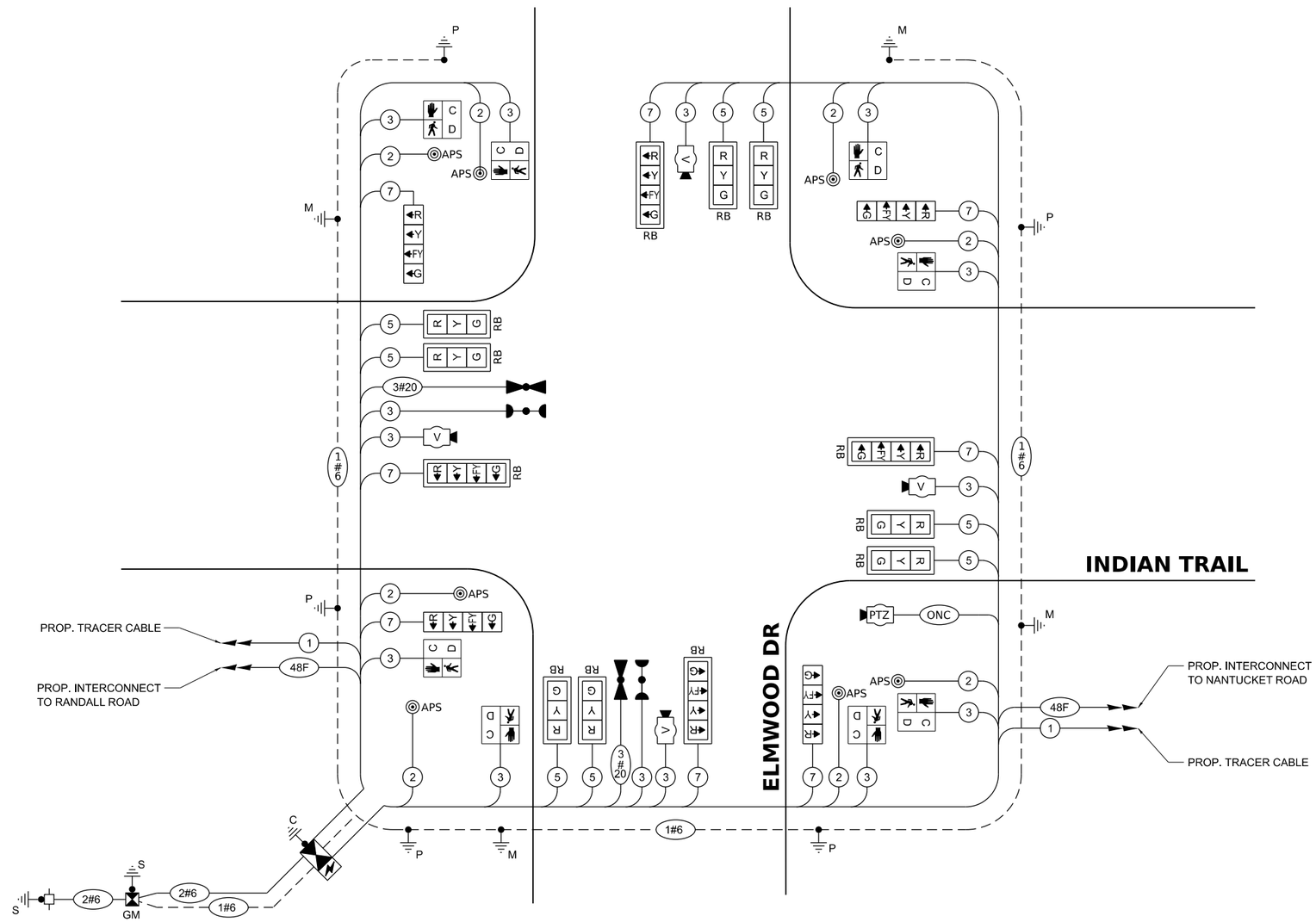
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	8	20	5	8.0
(GREEN)	8	12	45	43.2
ARROW (EXCEPT FYA)	16	10	10	16.0
FLASHING YELLOW ARROW (FYA)	8	12	30	28.8
PED. SIGNAL	8	20	100	160.0
PTZ CAMERA	1	60	100	60.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
FLASHER	-	-	50	-
LUMINAIRE	-	-	50	-
			TOTAL =	679.0

ENERGY COSTS TO:

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60507

ENERGY SUPPLY: CONTACT: COMED NEW BUSINESS
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: ---



CABLE PLAN

NOT TO SCALE

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILE$

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PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

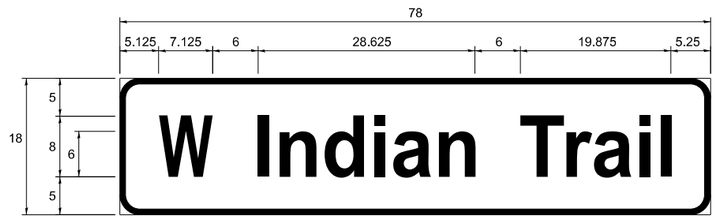
CABLE PLAN AND PHASE DESIGNATION DIAGRAM
INDIAN TRAIL AND ELMWOOD DRIVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	88
		CONTRACT NO. 61J91		
		ILLINOIS	FED. AID PROJECT	

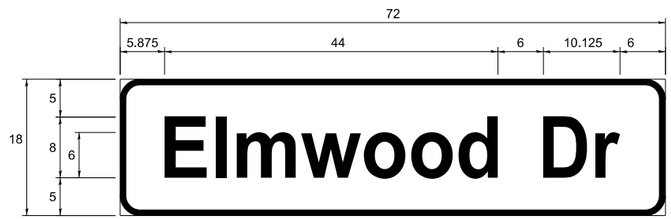
SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	2	ZZ	2

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



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9	1	ZZ	2

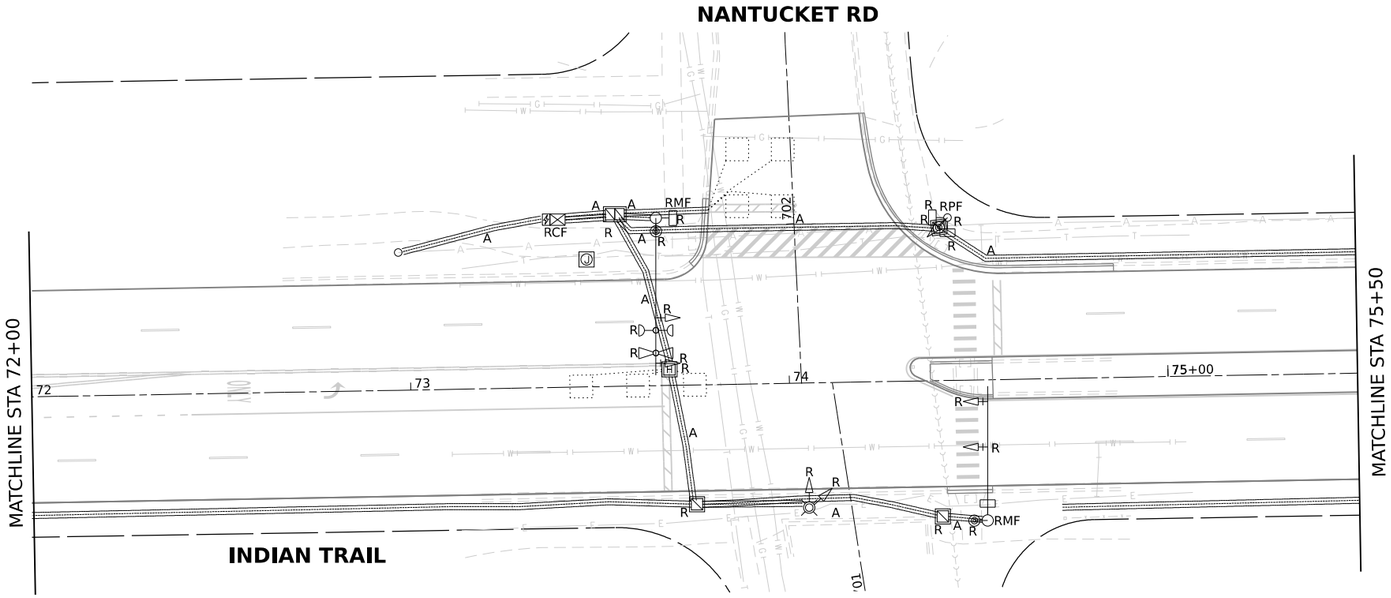
NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

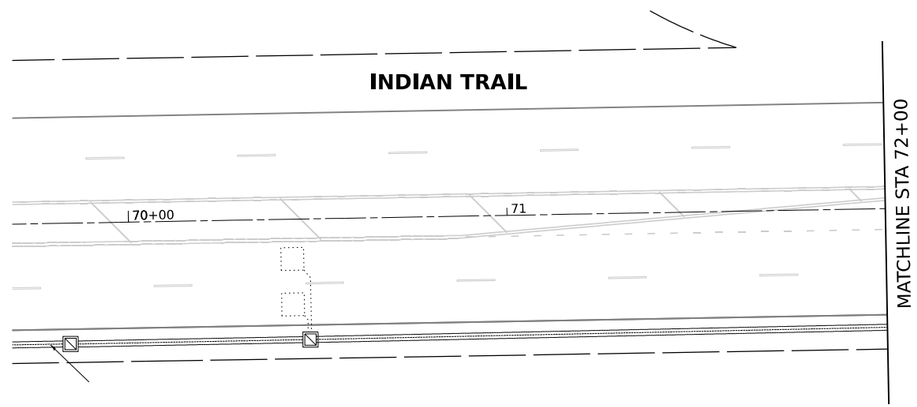
SCHEDULE OF QUANTITIES

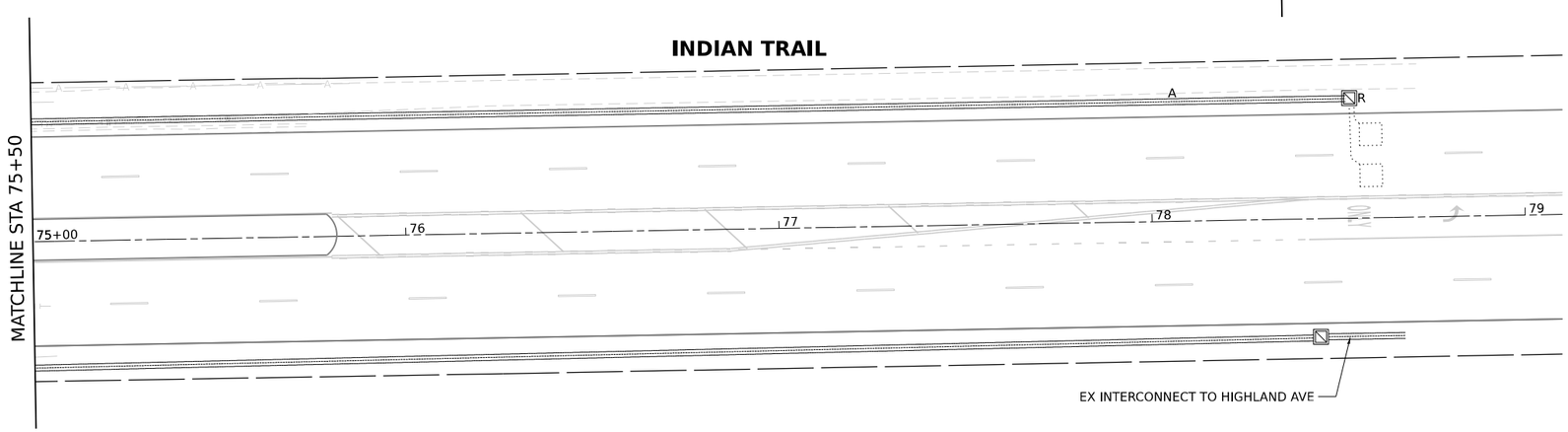
ITEM	UNIT	TOTAL QUANTITY
SIGN PANEL - TYPE 1	SQ FT	93
SIGN PANEL - TYPE 2	SQ FT	20
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	260
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	96
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	429
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,245
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,422
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,508
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,491
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	249
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	497
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	48
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	8
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	311
RELOCATE SWITCH	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	172
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
VIDEO VEHICLE DETECTION SYSTEM COMPLETE	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILEL$







N

0 20 40 60

SCALE IN FEET

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.

6	EACH	3-SECTION SIGNAL HEAD
2	EACH	5-SECTION SIGNAL HEAD
4	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	TRAFFIC SIGNAL POST
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE
4	EACH	PEDESTRIAN SIGNAL HEAD
3	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR DELIVERY OF ALL THE EQUIPMENT TO BE RETURNED TO THE CITY. CONTRACTOR SHALL CONTACT SCOTT MILLER, ELECTRICAL DIVISION, TO COORDINATE DROP OFF OF THE BELOW EQUIPMENT.

1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	UPS
1	EACH	CONFIRMATION BEACON
1	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PORTION OF THE INTERCONNECT SYSTEM SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM AND SHALL BE NTCIP COMPLIANT.

MODEL: $MODELNAME$
FILE NAME: $FILE$

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Illinois Firm Registration No. 184-001533

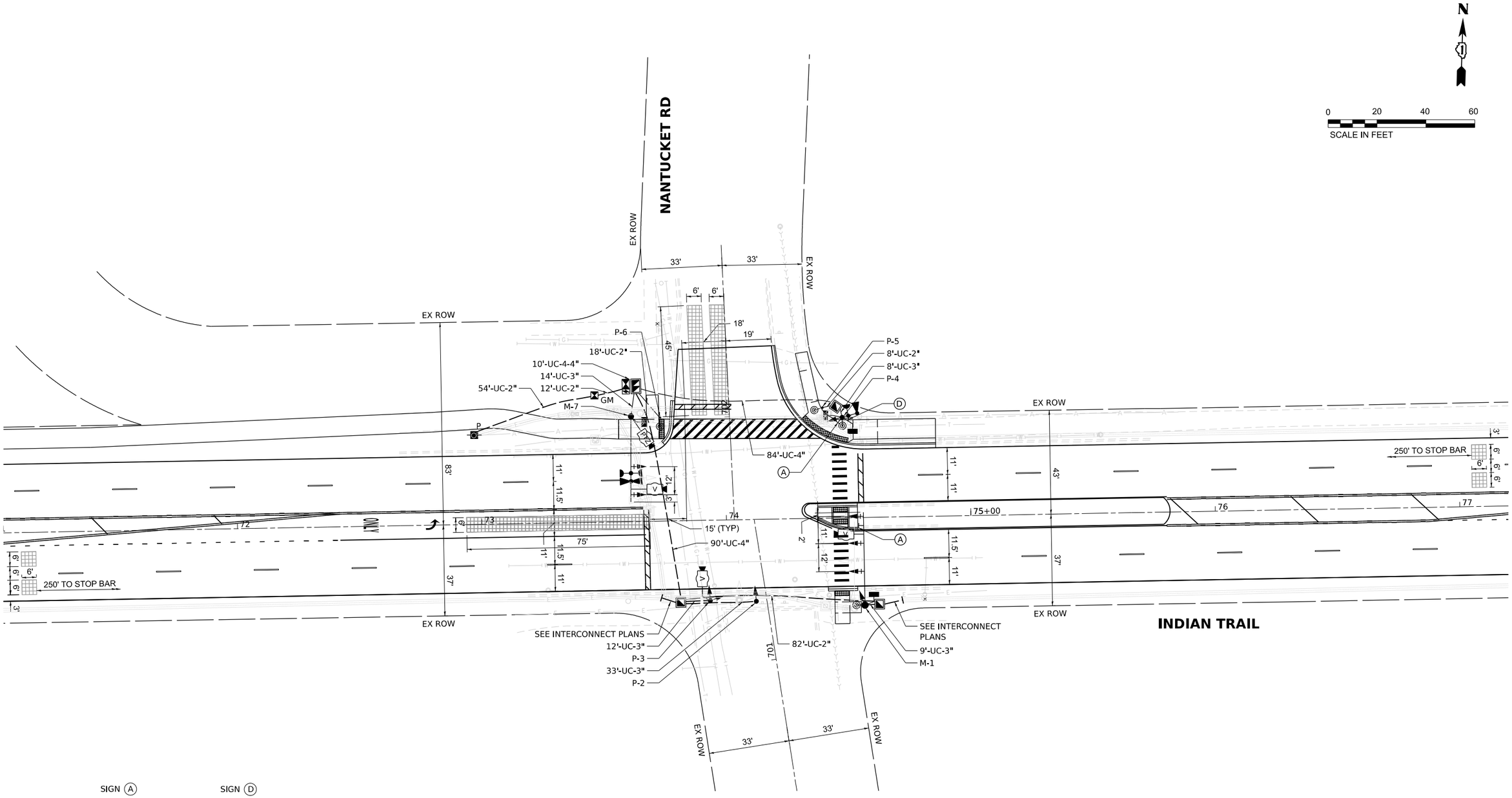
USER NAME = $USER$	DESIGNED - THG	REVISED -	
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
INDIAN TRAIL AND NANTUCKET ROAD

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 72+00 TO STA. 75+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	90
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		



SIGN (A)

LEFT TURN
YIELD ON
FLASHING
YELLOW
ARROW

R10-12a
36" X 30"
2 REQUIRED

SIGN (D)

TURNING
VEHICLES
YIELD TO

R10-15R
30" X 30"

NOTE:

ALL PUSHBUTTONS SHALL BE APS.

TRAFFIC SIGNAL EQUIPMENT LOCATION				FOUNDATION DEPTH (FT)	FOUNDATION DIAMETER (IN)	TYPE OF FOUNDATION
NO.	STA	OFFSET	TYPE			
M-1	74+56.04	35.83' RT	38' MAST ARM	11	36	TYPE E 36-INCH DIAMETER
P-2	74+11.63	33.48' RT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
P-3	73+92.84	32.89' RT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
P-4	74+48.04	41.12' LT	SIGNAL POST 18'	4	24	CONCRETE FOUNDATION, TYPE A
P-5	74+40.06	45.22' LT	PEDESTRIAN SIGNAL POST 5'	4	12	TYPE A 12-INCH DIAMETER
P-6	73+73.59	42.17' LT	PEDESTRIAN SIGNAL POST 5'	4	12	TYPE A 12-INCH DIAMETER
M-7	73+61.71	43.02' LT	42' MAST ARM	13	36	TYPE E 36-INCH DIAMETER

MODEL: $MODELNAMES
FILE NAME: $FILEL$

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Illinois Firm Registration No. 184-001533

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	DRAWN - CN	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
INDIAN TRAIL AND NANTCUKET ROAD

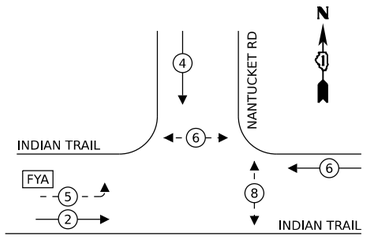
SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	91

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

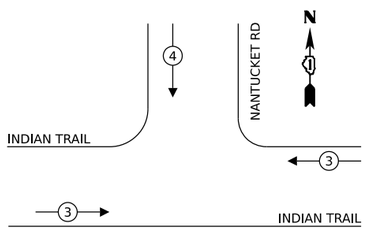
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP
- FYA — FLASHING YELLOW ARROW

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



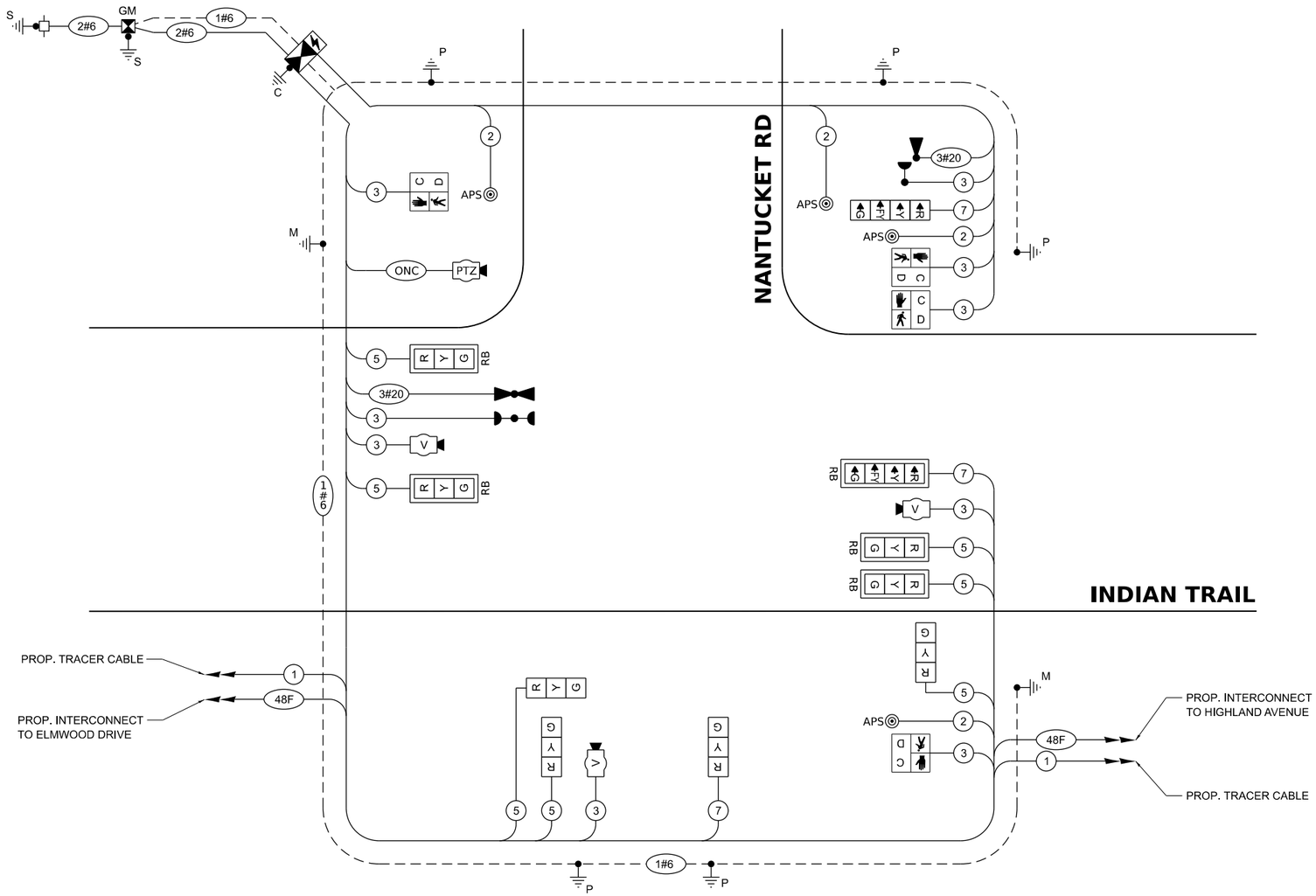
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	10	11	50	55.0
(YELLOW)	8	20	5	8.0
(GREEN)	8	12	45	43.2
ARROW (EXCEPT FYA)	4	10	10	4.0
FLASHING YELLOW ARROW (FYA)	2	12	30	7.2
PED. SIGNAL	4	20	100	80.0
PTZ CAMERA	1	60	100	60.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
FLASHER	-	-	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	532.4

ENERGY COSTS TO:

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60507

ENERGY SUPPLY: CONTACT: COMED NEW BUSINESS
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: ---



CABLE PLAN

NOT TO SCALE

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILE$

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Illinois Firm Registration No. 184-001533

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PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
INDIAN TRAIL AND NANTUCKET ROAD

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

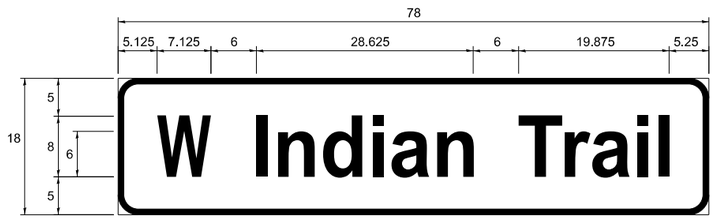
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	92

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

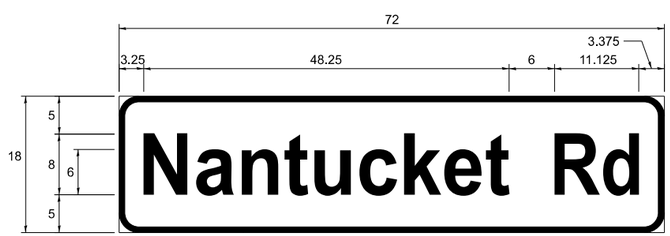
SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	2	ZZ	1

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



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9	1	ZZ	2

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

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QUANTITY
SIGN PANEL - TYPE 1	SQ FT	37
SIGN PANEL - TYPE 2	SQ FT	10
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	92
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	158
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	214
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	563
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,383
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,443
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	428
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	90
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	444
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	24
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	5
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	245
RELOCATE SWITCH	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	87
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
VIDEO VEHICLE DETECTION SYSTEM COMPLETE	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
CAMERA MOUNTING ASSEMBLY	EACH	1

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILE1$

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Illinois Firm Registration No. 184-001533

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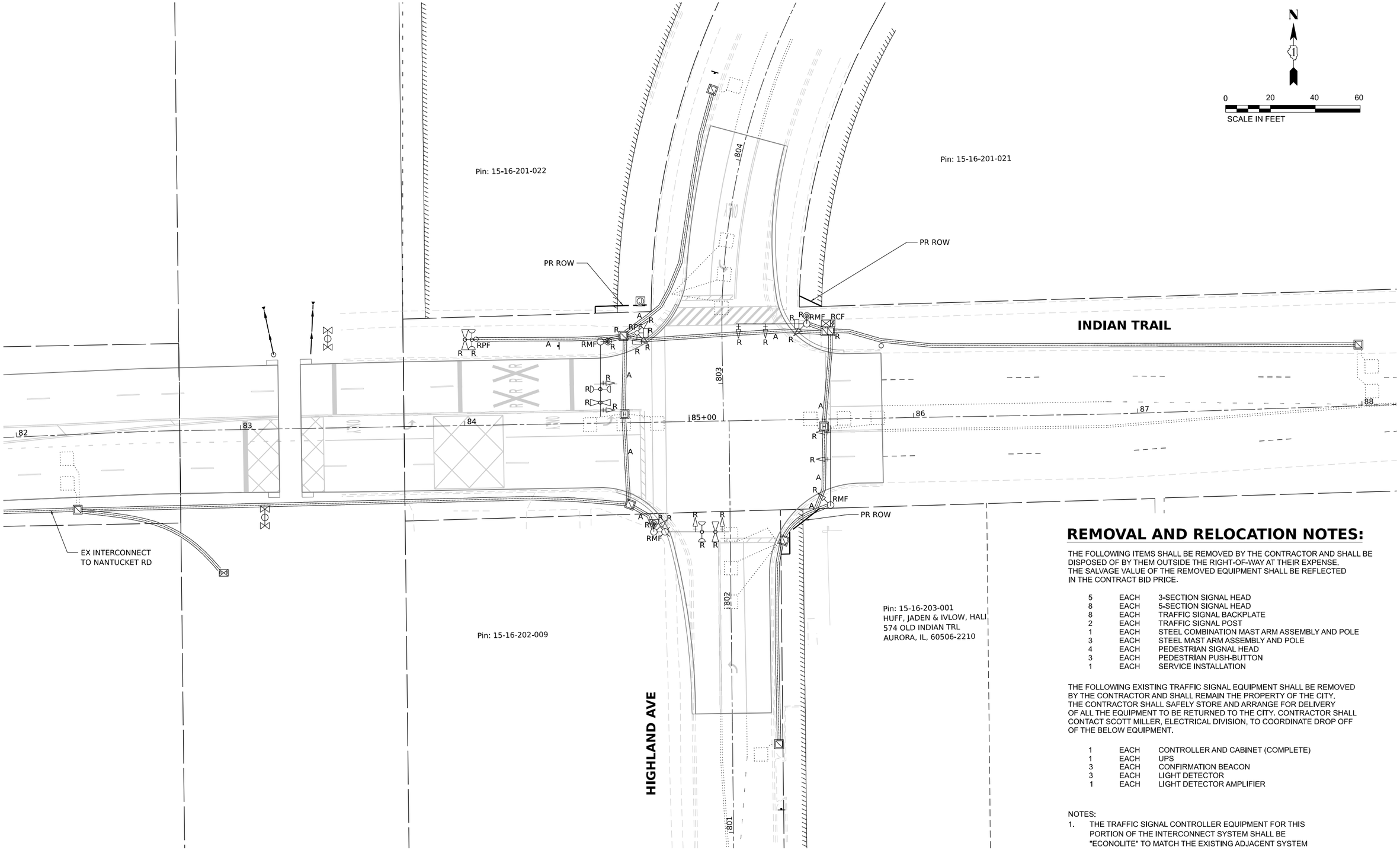
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
INDIAN TRAIL AND NANTUCKET ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	93
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		



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.

5	EACH	3-SECTION SIGNAL HEAD
8	EACH	5-SECTION SIGNAL HEAD
8	EACH	TRAFFIC SIGNAL BACKPLATE
2	EACH	TRAFFIC SIGNAL POST
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
3	EACH	STEEL MAST ARM ASSEMBLY AND POLE
4	EACH	PEDESTRIAN SIGNAL HEAD
3	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR DELIVERY OF ALL THE EQUIPMENT TO BE RETURNED TO THE CITY. CONTRACTOR SHALL CONTACT SCOTT MILLER, ELECTRICAL DIVISION, TO COORDINATE DROP OFF OF THE BELOW EQUIPMENT.

1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	UPS
3	EACH	CONFIRMATION BEACON
3	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PORTION OF THE INTERCONNECT SYSTEM SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM AND SHALL BE NTCIP COMPLIANT.

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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Illinois Firm Registration No. 184-001533

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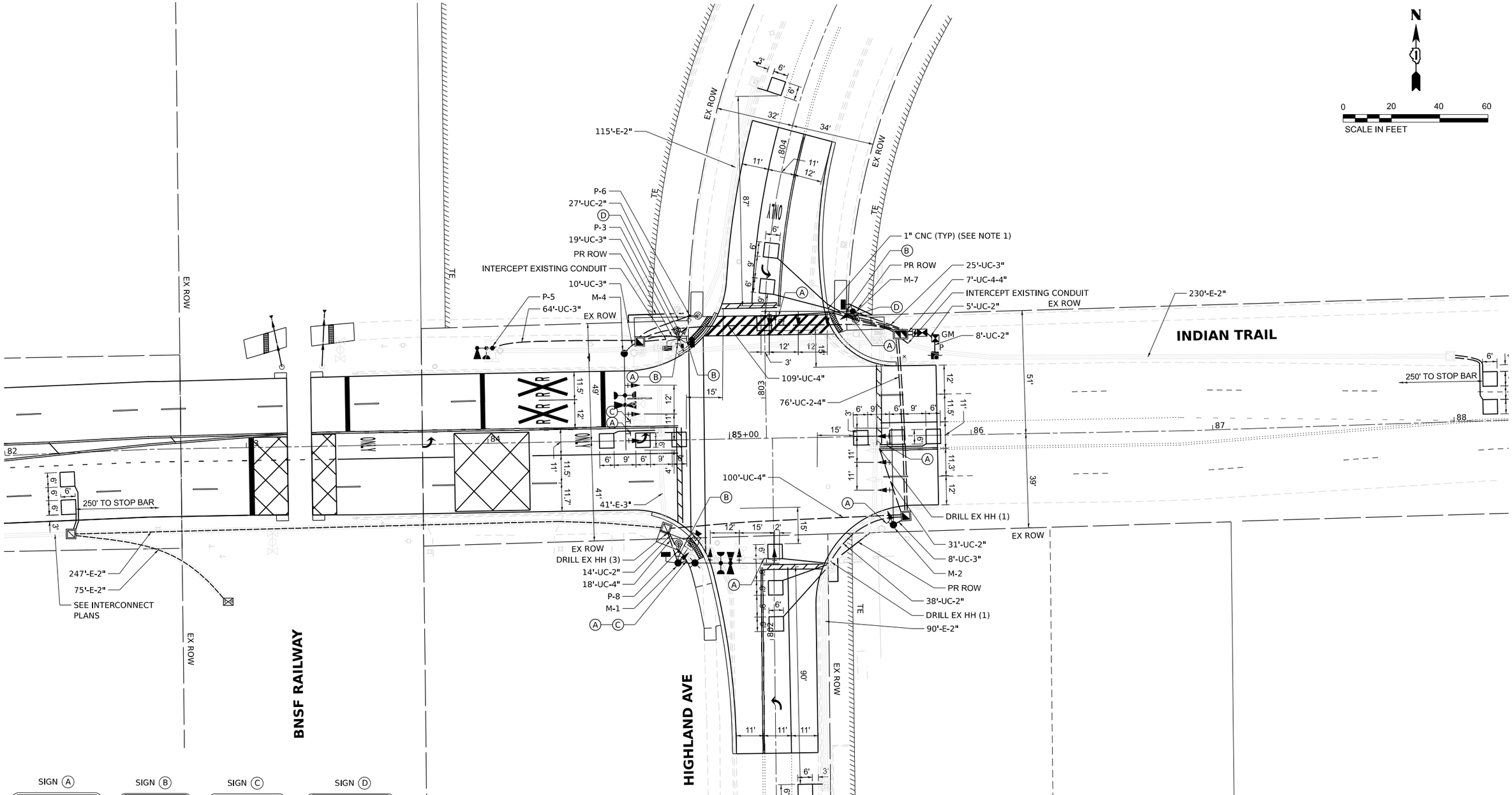
	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
INDIAN TRAIL AND HIGHLAND AVE

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 82+00 TO STA. 86+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	94
		CONTRACT NO. 61J91		
		ILLINOIS	FED. AID PROJECT	



SIGN (A)

LEFT TURN YIELD ON FLASHING YELLOW ARROW

R10-12a
36" X 30"
8 REQUIRED

SIGN (B)

CAUTION
WALK TIME SHORTEND WHEN TRAIN APPROACHING

W10-I101
18" X 24"
4 REQUIRED

SIGN (C)

ONCOMING TRAFFIC MAY HAVE EXTENDED GREEN

W25-2
24" X 30"
2 REQUIRED

SIGN (D)

TURNING VEHICLES
YIELD TO

R10-15R
30" X 30"
2 REQUIRED

NOTE:

ALL PUSHBUTTONS SHALL BE APS.

TRAFFIC SIGNAL EQUIPMENT LOCATION				FOUNDATION DEPTH (FT)	FOUNDATION DIAMETER (IN)	TYPE OF FOUNDATION
NO.	STA	OFFSET	TYPE			
M-1	84+77.75	50.91' RT	42' COMBINATION MAST ARM	13	36	TYPE E 36-INCH DIAMETER
M-2	85+67.17	36.73' RT	40' MAST ARM	13	36	TYPE E 36-INCH DIAMETER
P-3	84+79.93	41.92' LT	SIGNAL POST 16'	4	24	CONCRETE FOUNDATION, TYPE A
M-4	84+57.06	36.14' LT	40' COMBINATION MAST ARM	13	36	TYPE E 36-INCH DIAMETER
P-5	84+02.61	39.32' LT	SIGNAL POST 18'	4	24	CONCRETE FOUNDATION, TYPE A
P-6	84+84.33	51.33' LT	PEDESTRIAN SIGNAL POST 5'	4	12	TYPE A 12-INCH DIAMETER
M-7	85+51.96	51.85' LT	38' MAST ARM	11	36	TYPE E 36-INCH DIAMETER
P-8	84+77.75	50.91' RT	PEDESTRIAN SIGNAL POST 5'	4	12	TYPE A 12-INCH DIAMETER

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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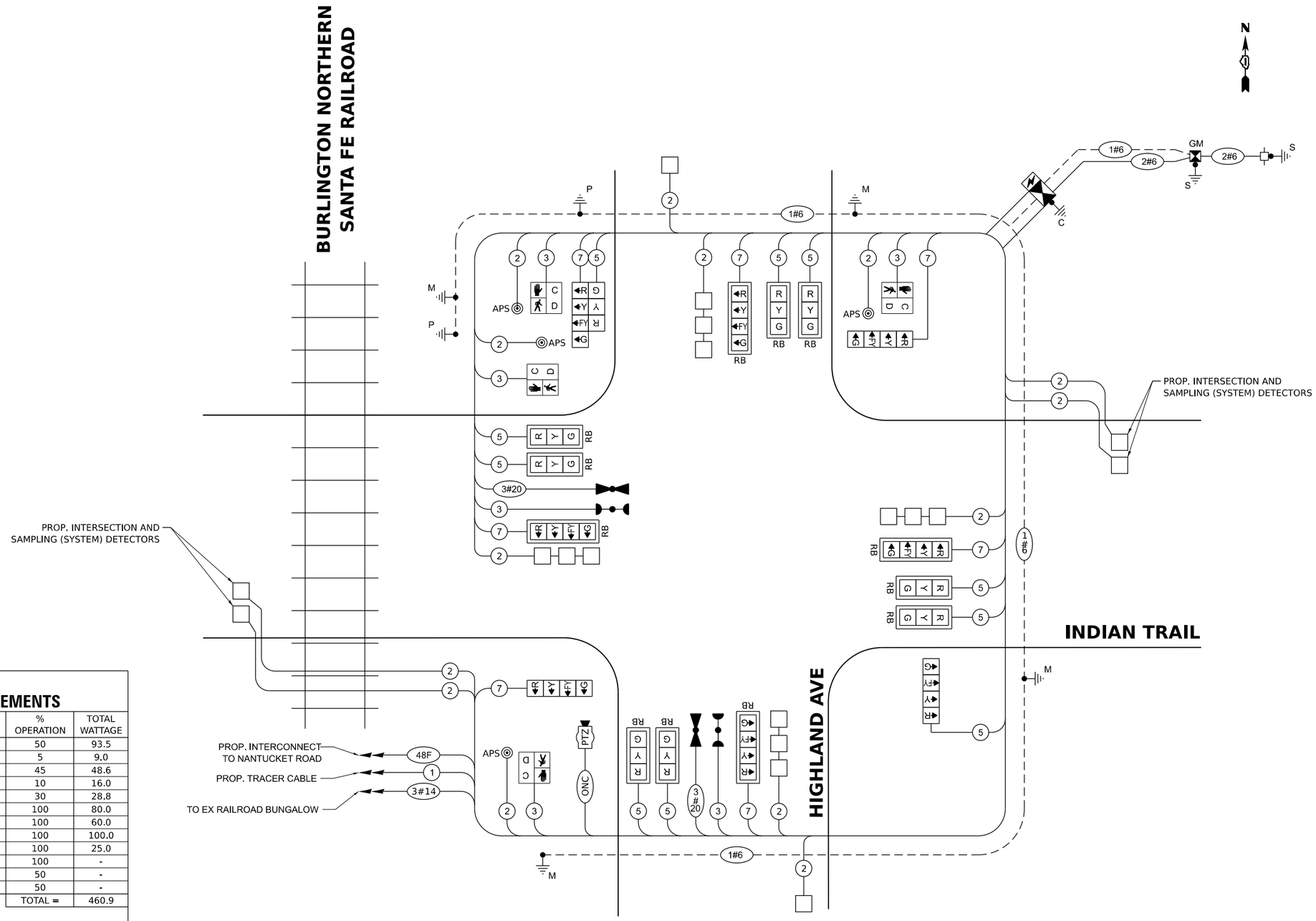
	DRAWN - CN	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
INDIAN TRAIL AND HIGHLAND AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	95
		CONTRACT NO. 61J91		
		ILLINOIS	FED. AID PROJECT	



CABLE PLAN

NOT TO SCALE

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	17	11	50	93.5
(YELLOW)	9	20	5	9.0
(GREEN)	9	12	45	48.6
ARROW (EXCEPT FYA)	16	10	10	16.0
FLASHING YELLOW ARROW (FYA)	8	12	30	28.8
PED. SIGNAL	4	20	100	80.0
PTZ CAMERA	1	60	100	60.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	-	100	-
FLASHER	-	-	50	-
LUMINAIRE	-	-	50	-
			TOTAL =	460.9

ENERGY COSTS TO:

CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60507

ENERGY SUPPLY: CONTACT: COMED NEW BUSINESS
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: ---

ECONOLITE

MODEL: $MODELNAMES
FILE NAME: $FILEL$

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

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	DRAWN - MAS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
INDIAN TRAIL AND HIGHLAND AVENUE

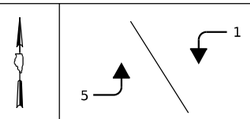
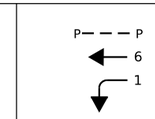
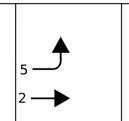
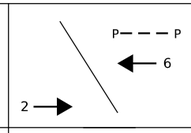
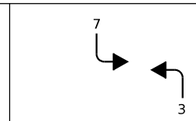
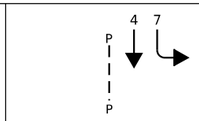
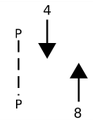
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	96

CONTRACT NO. 61J91

ILLINOIS | FED. AID PROJECT

SEQUENCE OF OPERATION

MOVEMENT																																		FLASH
PHASE		1+5				1+6			2+5		2+6				3+7						4+7					3+8				4+8				
INTERVAL		1	2	3	4	5	6	7	8	9	10	11	12A	12B	13	14A	14B	15	16	17	18	19	20	21A	21B	22	23	24A	24B	25	26	27A	27B	
CHANGE TO			1+6	2+5	2+6			2+6		2+6			3+7 4+7	3+8 4+8		1+5 1+6	2+5 2+6	4+8	3+8	4+7			4+8	1+5 1+6	2+5 2+6		4+8	1+5 1+6	2+5 2+6			1+5 1+6	2+5 2+6	
INDIAN TRAIL MID AND FAR RIGHT MAST ARM SIGNALS	E/B	R	R	R	R	R	R	R	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
INDIAN TRAIL FAR LEFT AND END MAST ARM SIGNALS	E/B	←G	←Y	←G	←Y	←FY	←FY	←FY	←G	←Y	←FY	←FY	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
INDIAN TRAIL MID AND FAR RIGHT MAST ARM SIGNALS	W/B	R	R	R	R	G	G	G	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
INDIAN TRAIL FAR LEFT AND END MAST ARM SIGNALS	W/B	←G	←G	←Y	←Y	←G	←G	←Y	←FY	←FY	←FY	←FY	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
HIGHLAND AVENUE MID AND FAR RIGHT MAST ARM SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	G	Y	R	R
HIGHLAND AVENUE FAR LEFT AND END MAST ARM SIGNALS	N/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←G	←Y	←R	←Y	←G	←Y	←FY	←FY	←FY	←Y	←R	←G	←Y	←Y	←R	←FY	←FY	←Y	←R	←R
HIGHLAND AVENUE NEAR RIGHT AND MID AND FAR RIGHT MAST ARM SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	R	R	R	R	G	G	Y	R	R
HIGHLAND AVENUE FAR LEFT AND END MAST ARM SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←G	←Y	←R	←Y	←Y	←G	←G	←G	←Y	←Y	←R	←FY	←FY	←Y	←R	←FY	←FY	←Y	←R	←R
PEDESTRIAN SIGNALS CROSSING - NORTH SIDE OF INDIAN TRAIL		H	H	H	H	* P	** FH	H	H	H	* P	** FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING - WEST SIDE OF HIGHLAND AVENUE		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	* P	** FH	H	H	H	H	H	H	H	* P	** FH	H	H	

PHASE 2+6 SHALL BE PLACED ON RECALL

* TO APPEAR ONLY UPON PUSH-BUTTON ACTUATION.

** FLASHING [hand] IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

∅ THIS "[arrow]" OR FLASHING "[hand]" INTERVAL MAY FINISH TIMING IN THE BI-DIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE "[arrow]" OR FLASHING "[hand]" INTERVALS. "[arrow]" AND "[hand]" TIMINGS TO BE SET ONLY ON THE PHASES WHERE "[arrow]" AND FLASHING "[hand]" ARE INDICATED IN THE SEQUENCE OF OPERATION.

P = ILLUMINATED PERSON = WALK

FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK

H = ILLUMINATED SOLID HAND = DON'T WALK

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILE1$

Stanley Consultants INC.
8501 West Higgins Road, Suite 770, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No. 184-001533

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PLOT SCALE = $SCALE$	CHECKED - TJS	REVISED -	
PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATION
INDIAN TRAIL AND HIGHLAND AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	97
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		

RAILROAD PREEMPTION SEQUENCE OF OPERATION

															PREEMPTOR NUMBER 3		PREEMPTOR NUMBER 4		PREEMPTOR NUMBER 2			
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1	5	8	10	13	18	22	25													
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER															2		3					
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	2	3	4	5	CLEAR TO NORMAL SEQUENCE
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		2	1C	2	2	1G	2	2	1J	2	1L	2	1N	2	1Q	2	1S	2	3	4	5		
INDIAN TRAIL MID AND FAR RIGHT MAST ARM SIGNALS	E/B	R	R	R	G	G	G	R	R	R	R	R	R	R	G	G	R	R	G	Y	R	R	△
INDIAN TRAIL FAR LEFT AND END MAST ARM SIGNALS	E/B	←G	←FY	←FY	←G	←FY	←FY	←R	←R	←R	←R	←R	←R	←R	←FY	←FY	←R	←R	←G	←Y	←R	←R	△
INDIAN TRAIL MID AND FAR RIGHT MAST ARM SIGNALS	W/B	R	Y	R	R	Y	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	△
INDIAN TRAIL FAR LEFT AND END MAST ARM SIGNALS	W/B	←Y	←Y	←R	←Y	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←Y	←R	←R	←R	←R	←R	←R	←R	△
HIGHLAND AVENUE MID AND FAR RIGHT MAST ARM SIGNALS	N/B	R	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	Y	R	R	R	R	G	△
HIGHLAND AVENUE FAR LEFT AND END MAST ARM SIGNALS	N/B	←R	←R	←R	←R	←R	←R	←Y	←Y	←R	←Y	←R	←Y	←R	←R	←R	←Y	←R	←R	←R	←R	←R	△
HIGHLAND AVENUE NEAR RIGHT AND MID AND FAR RIGHT MAST ARM SIGNALS	S/B	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	Y	R	R	R	R	G	△
HIGHLAND AVENUE FAR LEFT AND END MAST ARM SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←Y	←Y	←R	←Y	←R	←Y	←R	←R	←R	←Y	←R	←R	←R	←R	←FY	△
PEDESTRIAN SIGNALS CROSSING - NORTH SIDE OF INDIAN TRAIL		H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△
PEDESTRIAN SIGNALS CROSSING - WEST SIDE OF HIGHLAND AVENUE		H	H	H	H	H	H	H	FH	H	H	H	FH	H	H	H	H	H	H	H	H	H	△
																						HOLD	

△ RAILROAD PREEMTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY AN EMERGENCY VEHICLE INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 5 IS TERMINATED.

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAILROAD PREEMPTION SEQUENCE OF OPERATION
INDIAN TRAIL AND HIGHLAND AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	98
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

																												PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1	5		5			8	8		10	10			13	18			18		22		22	25			25			
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z	1AA	1BB	2	3	CLEAR TO NORMAL SEQUENCE
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		2 OR 3	1C	2	1E	1F	3	2	1J	3	2	1M	1N	3	2 OR 3	IR	1S	2	1U	3	1W	2	3	1Z	1AA	2	3			
INDIAN TRAIL MID AND FAR RIGHT MAST ARM SIGNALS	E/B	R	R	R	R	R	R	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◊
INDIAN TRAIL FAR LEFT AND END MAST ARM SIGNALS	E/B	←Y	←FY	←FY	←FY	←Y	←R	←Y	←Y	←R	←FY	←FY	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←FY	←R	◊
INDIAN TRAIL MID AND FAR RIGHT MAST ARM SIGNALS	W/B	R	G	G	G	Y	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◊
INDIAN TRAIL FAR LEFT AND END MAST ARM SIGNALS	W/B	←Y	←G	←Y	←G	←Y	←R	←FY	←Y	←R	←FY	←FY	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←FY	←R	◊
HIGHLAND AVENUE MID AND FAR RIGHT MAST ARM SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	G	Y	R	G	R	G	◊
HIGHLAND AVENUE FAR LEFT AND END MAST ARM SIGNALS	N/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←Y	←FY	←Y	←R	←FY	←FY	←Y	←R	←Y	←FY	←Y	←R	←FY	←R	←FY	◊
HIGHLAND AVENUE NEAR RIGHT AND MID AND FAR RIGHT MAST ARM SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	R	R	R	G	Y	R	G	R	G	◊
HIGHLAND AVENUE FAR LEFT AND END MAST ARM SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←Y	←G	←Y	←R	←G	←Y	←Y	←R	←FY	←FY	←Y	←R	←FY	←R	←FY	◊
PEDESTRIAN SIGNALS CROSSING - NORTH SIDE OF INDIAN TRAIL		H	FH	H	FH	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS CROSSING - WEST SIDE OF HIGHLAND AVENUE		H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	H	H	H	H	FH	H	H	FH	H	H	◊

◊ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2 OR 3 IS TERMINATED.

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILE$

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PLOT DATE = $DATE$	DATE - 07-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

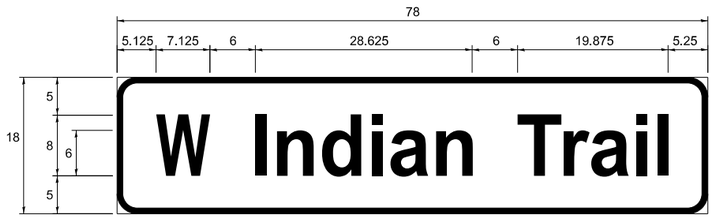
EMERGENCY VEHICLE PREEMPTION SEQUNCE OF OPERATION
INDIAN TRAIL AND HIGHALND AVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	99
		CONTRACT NO. 61J91		
	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	9.75	2	ZZ	2

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

DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9	1	ZZ	2

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

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QUANTITY
SIGN PANEL - TYPE 1	SQ FT	103
SIGN PANEL - TYPE 2	SQ FT	20
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	109
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	144
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	389
HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	633
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,363
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,643
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,421
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,426
ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	547
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	37
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	864
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	50
DRILL EXISTING HANDHOLE	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12
INDUCTIVE LOOP DETECTOR	EACH	10
DETECTOR LOOP, TYPE I	FOOT	673
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	322
REMOVE EXISTING HANDHOLE	EACH	8
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	701
RELOCATE SWITCH	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	277
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
INTERCEPT EXISTING CONDUIT	EACH	2
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8

ECONOLITE

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREET NAME SIGNS AND SCHEDULE OF QUANTITES
INDIAN TRAIL AND HIGHLAND AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	21-00339-00-CH	KANE	132	100
		CONTRACT NO. 61J91		
	ILLINOIS	FED. AID PROJECT		