

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	1
* F.A.P. 586/F.A.U. 8898		ILLINOIS	CONTRACT NO. 97877	

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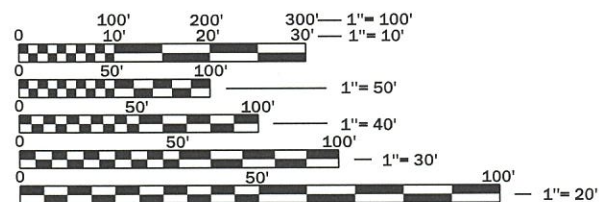
PLANS PREPARED BY:



Christopher Wilson
 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
 062-051234
 LICENSE EXPIRES 11-30-2025
 (SUPERVISION AND CONTROL OF SHEETS 1-58; 70-80)



Nathan M. Mohren
 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
 062-061863
 LICENSE EXPIRES 11-30-2025
 (SUPERVISION AND CONTROL OF SHEETS 59-69)



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

GEOMETRICS: IDOT - BO WEDMORE (IDS)

CONTRACT NO. 97877

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS LOCAL AGENCY PROJECT

HSIP & STR FUNDS

CITY OF TROY

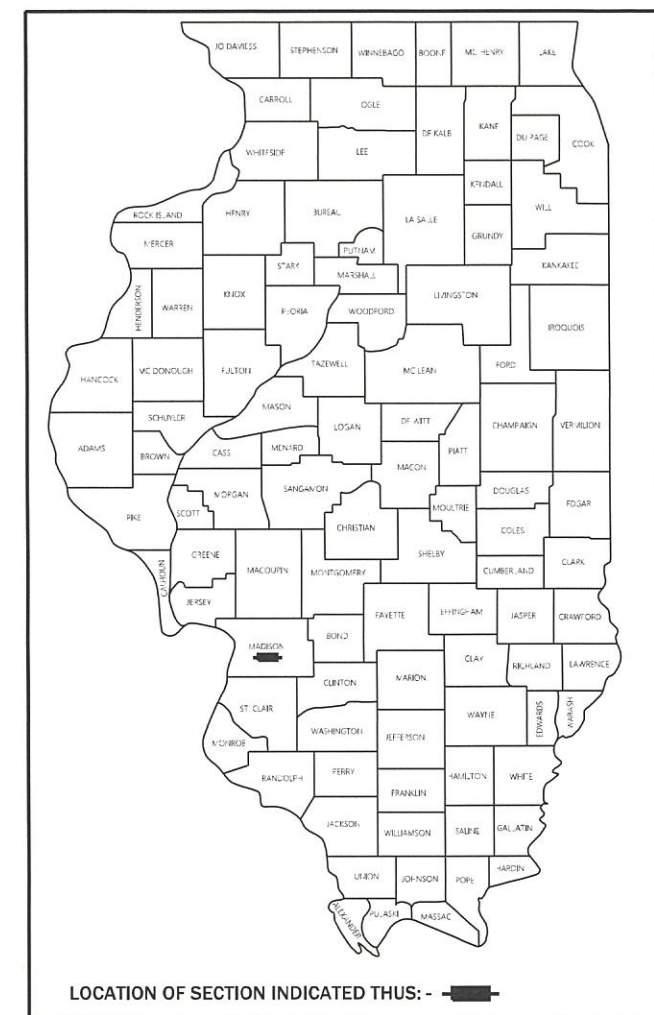
FAP ROUTE 586 (ILLINOIS ROUTE 162)

FAU ROUTE 8898 (OLD TROY ROAD)

SECTION 17-00034-00-PV

PROJECT NO. AT03(347)

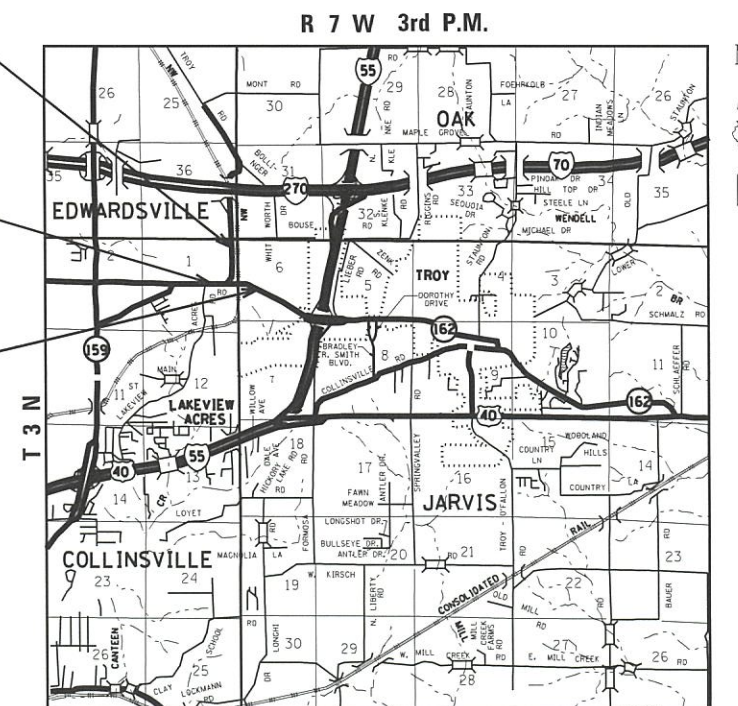
INTERSECTION RECONSTRUCTION: ROUNDABOUT
 ROADWAY IMPROVEMENTS
 MADISON COUNTY, ILLINOIS
 C-98-001-20



OLD TROY ROAD
 IMPROVEMENT ENDS
 STA. 653+37.30

IL ROUTE 162
 IMPROVEMENT BEGINS
 STA. 541+50.27

IL ROUTE 162
 IMPROVEMENT ENDS
 STA. 554+16.70



LOCATION MAP



GROSS LENGTH = 1,653.73 FT. = 0.313 MILE
 NET LENGTH = 1,653.73 FT. = 0.313 MILE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED <u>23 SEPT</u> 2025 <i>David Nonn</i>	DAVID NONN, MAYOR, CITY OF TROY, IL
APPROVED <u>7 NOV</u> 2025 <i>Ruthy J. McWhorter</i>	TOWNSHIP ROAD & BRIDGE COMMISSIONER, COLLINSVILLE TOWNSHIP, IL
APPROVED W/LIMITED REVIEW <u>11-7-</u> 2025 <i>[Signature]</i>	IDOT DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS
APPROVED W/LIMITED REVIEW <u>11-7-</u> 2025 <i>Loree Ray</i>	IDOT REGION 5 ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

MODEL: Gen-01
FILE: I:\a\m\c\suprojects\418-c015-qHY IL 162 and Old Troy Rd Roundabout\Design\CA00_Sheets\DBFAP586-shr-FULLCLOSURE-Genmodel.tbl.dgn

GENERAL NOTES

1.

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT ARE AS FOLLOWS:

AMEREN ILLINOIS - BURIED HIGH PRESSURE AND NATURAL GAS DISTRIBUTION, O.H.E.
AT&T - TELECOMMUNICATIONS CABLE BOTH BURIED AND IN DUCT BANKS
ILLINOIS AMERICAN WATER - WATER MAIN
CITY OF TROY - WATER MAINS
IDOT - CULVERTS AND STORM SEWERS
MADISON COUNTY TRANSIT - STORMS SEWERS
SOUTHWEST ELECTRIC COOPERATIVE - LIGHTS, BURIED ELECTRIC, AND O.H.E.
2.

IN ADDITION TO SURVEYS, SOME OF THE PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING CONDITIONS HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
4.

ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 2A SEEDING OR SODDED AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 OF THE STANDARD SPECIFICATIONS. ANY SEEDING OR SODDING REQUIRED OUTSIDE THE CONSTRUCTION LIMITS FOR THIS CONTRACT SECTION WILL NOT BE PAID FOR SEPARATELY AND CONSIDERED AS A CONTRACTOR'S EXPENSE.
5.

REMOVAL OF EXISTING GRAVEL OR CRUSHED STONE BASE SHALL BE PAID FOR AS EARTH EXCAVATION, UNLESS SHOWN OTHERWISE.
6.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
8.

SOME EXISTING STORM SEWER AND DRAINAGE STRUCTURE INFORMATION USED ON THESE PLANS WERE DEVELOPED FROM OFFICE RECORDS OR OTHERWISE HISTORICAL DATA. FINAL ELEVATIONS FOR INCORPORATING EXISTING DRAINAGE FACILITIES INTO THE PROPOSED SYSTEM SHALL BE DETERMINED BY THE ENGINEER. CAUTION SHOULD BE USED DURING CONSTRUCTION AROUND THE EXISTING STORM SEWER. THE CONTRACTOR SHALL FIELD VERIFY EXISTING INVERTS TO CONFIRM ELEVATIONS, PRIOR TO BEGINNING WORK. IF ISSUES ARE FOUND, THE ENGINEER SHALL BE CONTACTED.
9.

ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.
10.

EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT OPEN TO TRAFFIC SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
11.

AN ESTIMATED QUANTITY OF 100 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THE PLANS TO MAINTAIN ACCESS TO SIDEWALKS, ADJACENT PROPERTIES AND THE WORK AREAS DURING STAGE CONSTRUCTION.
12.

TRANSVERSE CONTRACTION JOINTS SHALL BE POSITIONED AT 12.5 FOOT CENTERS, MINIMUM, IN PCC BASE SECTIONS. ONLY 1" DIAMETER EPOXY COATED DOWELS (18" LONG) AT 12" CENTERS SHALL BE UTILIZED. THE ENGINEER MAY DIRECT THE CONTRACTOR TO SHIFT DOWEL CAGES TO MATCH EXISTING CRACKS AND JOINTS, THOUGH NO INCREASE IN TOTAL PLAN QUANTITY IS ANTICIPATED.
13.

WHERE PROPOSED CONCRETE PAVEMENT IS TO BE CONSTRUCTED GENERALLY PARALLEL TO EXISTING CONCRETE PAVEMENT, THE CONTRACTOR SHALL DRILL AND GROUT NO. 6x30" EPOXY COATED TIE BARS AT 30" CENTERS AS DENOTED IN THE PLANS. ATTENTION IS ALSO CALLED TO DRILLING AND GROUTING 1" EPOXY COATED DOWEL BARS (18" LONG) AT 12" CENTERS AT LOCATIONS WHERE NEW PCC BASE ABUTS EXISTING PAVEMENT (AT TERMINI). DUE TO VARIATIONS IN DEPTHS OF EXISTING ASPHALT, SOME UNDERLYING PCC BASES MAY BE TOO DEEP SUCH THAT A MINIMUM COVER OF 2.5" MINIMUM OF EXISTING OR PROPOSED PCC CANNOT BE ACHIEVED.

16.

THE FOLLOWING RATES WERE UTILIZED IN CALCULATIONS OF QUANTITIES FOR THIS PROJECT:

AGGREGATE	2.05 TONS / CU YD
BITUMINOUS MATERIALS	
TACK COAT	0.025 LB / SQ FT (NEW HMA)
TACK COAT	0.050 LBS / SQ FT (MILLED OR CONCRETE)
HOT-MIX ASPHALT	0.056 TONS / SQ YD / INCH
SEEDING NUTRIENTS	
NITROGEN	90 LBS/ACRE
PHOSPHORUS	90 LBS/ACRE
POTASSIUM	90 LBS/ACRE

17.

RECYCLED AGGREGATE MATERIAL MAY NOT BE USED IN THIS PROJECT.
18.

THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION.
19.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOR CONTACTING THE FIRE DEPARTMENT AND POLICE DEPARTMENT OF THE RESPECTIVE MUNICIPALITY ANY TIME NORMAL TRAFFIC FLOW ON ANY STREET OR ROAD IS TO BE INTERRUPTED.

VILLAGE OF MARYVILLE POLICE DEPARTMENT:	(618) 344-8899
VILLAGE OF MARYVILLE FIRE DEPARTMENT:	(618) 344-8099

CITY OF TROY POLICE DEPARTMENT:	(618) 667-6731
CITY OF TROY FIRE DEPARTMENT:	(618) 667-6722

MADISON COUNTY SHERIFF'S DEPARTMENT:	(618) 692-6087
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UTILITY COMPANIES

AMEREN
CHANDLER HANS - DISTRIBUTION
ERICA SYKUT - HIGH PRESURE
618-322-8624
CHans@ameren.com

CITY OF TROY
ROB HANCOCK - WATER DISTRIBUTION
RHancock@troyl.us

ATT
JASON LEHDE
jl2938@att.com

SOUTHWEST ELECTRIC COOPERATIVE
BRIAN MILLS (PREVIOUSLY VINCE SANVI)
Brian.Mills@sweci.com

ILLINIOS AMERICAN WATER
JEFFREY KING
Jeffrey.King@amwater.com

COMMITMENTS

NONE

 103 West Randolph St. #100 Edwardsville, IL 62025 PHONE: 618-567-1400	USER NAME = Chris.Wilson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, UTILITIES, COMMITMENTS IL ROUTE 162	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.				
		DRAWN -	REVISED -			*	17-00034-00-PV	MADISON	80	2
	PLOT SCALE = 0.1667' / in.	CHECKED -	REVISED -			* FAP-586/FAU 8898		CONTRACT NO. 97877		
	PLOT DATE = 11/5/2025	DATE -	REVISED -			SCALE: NONE	NONE SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS

HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-11	PAVEMENT JOINTS
420111-04	PCC PAVEMENT ROUNDOUTS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424031-03	MEDIAN PEDESTRIAN CROSSINGS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
483001-06	PCC SHOULDER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET TYPE A
602306-03	INLET TYPE B
602401-07	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' DIAMETER
602406-11	PRECAST MANHOLE TYPE A 6' DIAMETER
602416-09	PRECAST MANHOLE TYPE A 8' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604011-05	FRAME AND GRATE TYPE 3V
604036-03	GRATE TYPE 8
606001-09	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
606006-04	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24
701001-02	OFF-RD OPERATIONS 2L 22 MORE THAN 15FT
701006-05	OFF-RD OPERATIONS 2L 2W 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 2L 2W DAY ONLY
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720021-03	SIGN PANELS EXTRUDED ALUMINUM TYPE
729001-01	APPLICATIONS OF TYPE A AND B METAL POSTS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
805001-01	ELECTRICAL SERVICE INSTALLATIONS
814001-03	HANDHOLES
821101-03	LUMINAIRE WIRING IN POLE
825021-04	LIGHTING CONTROLLER BASE MOUNTED, 240V
830001-03	LIGHT POLE STEEL MAST ARM
836001-05	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
878001-11	CONCRETE FOUNDATION DETAILS
BLR17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION

MIXTURE REQUIREMENTS

ROUTE	IL 162 AND OLD TROY ROAD
SECTION	17-00034-00-PV
COUNTY	MADISON
CONTRACT	

DESCRIPTION:	SHOULDERS AND INCIDENTAL BITUMINOUS SURFACING (AT ENTRANCE0
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ADT (CONSTRUCTION YR):	20,871 (2024, IL162)
MU	3.0%
SU	1.6%

MIXTURE USE	BINDER/BASE	SURFACE
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	20%	20%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (Gradation)	IL 19.0	IL 9.5FG
FRICTION AGG		MIXTURE "D"
MatTranDev Required?	no	no

PAVEMENT DESIGN INFORMATION

NOTE THAT THE IL 162 TRAFFIC LEVELS WERE ALSO APPLIED FOR OLD TROY ROAD

CONSTRUCTION DESIGN TRAFFIC: 19,450 ADT YEAR: 2026
STRUCTURAL DESIGN TRAFFIC: 24,850 ADT YEAR: 2036 (10 YRS OF 20 YR DESIGN)
PV: 95.5% OF ADT SU: 1.6% OF ADT MU: 3.0% OF ADT
ROAD STREET CLASSIFICATION: CLASS II

PERCENT OF STRUCTURAL DESIGN ADT TRAFFIC IN DESIGN LANE: 50% (2 LANE PREDOMINATELY)

RIGID PAVEMENT DESIGN, BDE CHAPTER 54:
TRAFFIC FACTOR: ACTUAL TF = 4.72 MINIMUM TF = 4.59

JOINTED PLAIN CONCRETE PAVEMENT
EDGE SUPPORT: TIED CURB AND PCC SHOULDER
W/ACTUAL TF, FIGURE 54-4.E RESULTS IN: 9"
DOWEL DIAMETER: 1"
MAXIMUM TRANSVERSE JOINT SPACING (feet): 12.5' (use for convenience of staking at even stations)

SUBGRADE AND BASE: POOR
(PER GEOTECHNICAL REPORT, REMEDIATE LAYERS TO A DEPTH OF 12" IN MOST AREAS
WITH LIME-MODIFIED, OR AGGRGEATE. AGGREGATE TO BE UTILIZED DUE TO SENSITIVITY OF
SURROUNDING AREAS, VEGETATION, ETC.)

MODEL: hwyStd401
FILE NAME: S:\PROJECTS\41B-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRB\AP586-shr-FULLCLOSURE-hwyStd401StdDes.dgn



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1667 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, MIXTURE REQ., PAVEMENT DESIGN
IL ROUTE 162

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	3
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	QUANTITY
		20101100	TREE TRUNK PROTECTION	EACH	6
	*	20200100	EARTH EXCAVATION	CU YD	2,144
	*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	396
	*	20400800	FURNISHED EXCAVATION	CU YD	4,262
	*	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	5,263
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	14,202
S		25000110	SEEDING, CLASS 1A	ACRE	4.00
S		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	360
S		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	360
S		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	360
S		25100115	MULCH, METHOD 2	ACRE	4.00
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	383
		28000305	TEMPORARY DITCH CHECKS	FOOT	112
		28000400	PERIMETER EROSION BARRIER	FOOT	341
		28000500	INLET AND PIPE PROTECTION	EACH	36

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	QUANTITY
		28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	525
		28200200	FILTER FABRIC	SQ YD	891
	*	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	742
	*	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	719
	*	31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	6,792
	*	31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	7,773
		35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	71
		35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	1,305
	*	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	30
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	13,387
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	41
		40600990	TEMPORARY RAMP	SQ YD	100
		40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	79
		42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	5,201
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	419

MODEL: S00-01
FILE NAME: S:\projects\418-0015-04W IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DFB\PS96-shr-EULLCLOSURE-S00.dgn

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	QUANTITY
	*	42400800	DETECTABLE WARNINGS	SQ FT	80
		44000100	PAVEMENT REMOVAL	SQ YD	3,782
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	210
		48101610	AGGREGATE SHOULDERS, TYPE B 9"	SQ YD	348
		48203033	HOT-MIX ASPHALT SHOULDERS, 9"	SQ YD	188
		48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	552
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2
		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4
		54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1
		54248510	CONCRETE COLLAR	CU YD	4.9
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	107
		550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	90
		550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	157
		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	96

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	QUANTITY
		550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	201
		550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	233
		550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	23
		550A0730	STORM SEWERS, CLASS A, TYPE 3 30"	FOOT	139
		550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	44
		550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	7
		550A2380	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 30"	FOOT	19
		550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	31
		550B0140	STORM SEWERS, CLASS B, TYPE 1 30"	FOOT	11
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
		60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2
		60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	3
		60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
		60224458	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 8 GRATE	EACH	1
		60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2

MODEL: SDO-02
FILE NAME: S:\projects\418-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRAP586-shit-FULLCLOSURE-SDO.dgn



USER NAME = Chris.Wilson
PLOT SCALE = 0.1667 ' / in.
PLOT DATE = 1/22/2026

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL ROUTE 162 AND OLD TROY ROAD

SCALE: NONE SHEET 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	5
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	QUANTITY
		60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	4
		60235705	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	4
		60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	3
		60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	2
		60240222	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	3
		60500040	REMOVING MANHOLES	EACH	1
		60600095	CLASS SI CONCRETE (OUTLET)	CU YD	6
		60604100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	FOOT	1,162
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,670
		60604700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)	FOOT	133
		60606200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 (MODIFIED)	FOOT	209
		60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	392
S		66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,182
S		66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
S		66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	QUANTITY
S		66901006	REGULATED SUBSTANCES MONITORING	CAL DA	14
S		66900530	SOIL DISPOSAL ANALYSIS	EACH	3
		67100100	MOBILIZATION	L SUM	1
S		72000100	SIGN PANEL - TYPE 1	SQ FT	245
S		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	126
S		72900100	METAL POST - TYPE A	FOOT	294
S		73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	9
S		78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	105
S		78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	5,036
S		78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2,886
S		78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	408
S		78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	78
S		78200020	CURB REFLECTORS	EACH	82
		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	323
S		80400100	ELECTRIC SERVICE INSTALLATION	EACH	1

MODEL 500-03
FILE NAME: S:\PROJECTS\418-0015-04V IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRW\FAP586.sht FULLCLOSURE-500.dgn



USER NAME = Chris.Wilson
PLOT SCALE = 0.1667 ' / in.
PLOT DATE = 1/29/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

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REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL ROUTE 162 AND OLD TROY ROAD

SCALE: NONE SHEET 3 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	6
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	QUANTITY
S		81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	99
S		81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1,862
S	*	81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	1
S	*	81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	195
S	*	81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	2,066
S		82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	12
S		82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
S		83008200	LIGHT POLE, ALUMINUM, 40 FT. M.H., 6 FT. MAST ARM	EACH	12
S		83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	72
S		83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	48
S		B2000774	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3
S		B2001124	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	2
S	*	X0323117	LANDSCAPING GRAVEL	SQ YD	366
	*	X2010510	CLEARING AND GRUBBING	L SUM	1
	*	X2090215	SELECT GRANULAR BACKFILL (SPECIAL)	CU YD	1,587

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	QUANTITY
	*	X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	4
	*	X4200469	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	529
	*	X5427602	REMOVE EXISTING FLARED END SECTION	EACH	1
	*	X5510012	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	6
	*	X5510100	STORM SEWER REMOVAL	FOOT	264
	*	X6062206	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 6 INCH	SQ FT	3,057
	*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
	*	X7240207	REMOVE EXISTING SIGN COMPLETE	EACH	5
S	*	X8130110	JUNCTION BOX (SPECIAL)	EACH	4
	*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
#		Z0076600	TRAINEES	HOURL	1,500
	S	Z0036200	PAINT CURB	FOOT	1,206
#		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1,500

0042

MODEL 500-04
FILE NAME: S:\projects\418-0015-04\1162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRB\FAP586-shr-FULLCLOSURE-500.dgn



USER NAME	= Chris.Wilson
PLOT SCALE	= 0.1667 ' / in.
PLOT DATE	= 1/27/2026

DESIGNED -	
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DATE -	

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REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL ROUTE 162 AND OLD TROY ROAD

SCALE: NONE SHEET 4 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	7
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		

PAVEMENT REMOVALS						
START STA		END STA	LT./RT., A.R. = ACROSS ROAD, CNTR = CENTER OF ROAD	COMMENT	PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL
					SQ YD	SQ YD
EXISTING IL 162						
542+88.02	TO	545+75.00	AR	HMA/PCC	834.3	
545+93.94	TO	546+06.36	AR	HMA/PCC	35.9	
546+90.25	TO	547+12.41	AR	HMA/PCC	132.1	
547+56.61	TO	548+01.39	AR	HMA/PCC	92.0	
548+52.87	TO	553+59.91	AR	HMA/PCC	1,483.4	
EXISTING IL 162 ENTRANCES						
550+22.92	TO	550+90.88	RT	DEGRADED OIL AND CHIP		113.0
553+21.66	TO	554+16.70	RT	EXIST HMA		96.4
EXISTING OLD TROY ROAD, EXISTING WESTMOST LEG						
648+88.95	TO	649+05.29	LT	HMA/PCC	28.0	
649+00.72	TO	649+22.29	LT	HMA/PCC	32.6	
649+26.83	TO	649+51.74	LT	HMA/PCC	33.8	
EXISTING OLD TROY ROAD, EXISTING EASTMOST LEG						
648+96.54	TO	648+96.54	RT	HMA/PCC	383.6	
650+25.82	TO	650+40.64	RT	HMA/PCC	19.4	
EXISTING OLD TROY ROAD, NORTH OF INTERSECTION						
650+99.98	TO	653+37.40	AR	HMA/PCC & PCC	706.5	
TOTAL:					3,781.8	209.4
USE:					3,782	210

EATHWORK SCHEDULE													
LOCATION	0			1	2	3	4	5	6	7	8	9	10
	NON-SPECIAL WASTE DISPOSAL			TOPSOIL EXCAVATION, 12"	TOPSOIL EXCAV x SHRINKAGE FACTOR	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EARTH EXCAV x SHRINKAGE FACTOR	EMBANKMENT (STRUCTURAL FILL)	BALANCE WASTE (-) BORROW (+)	EMBANKMENT (NON-STRUCT FILL)	BALANCE EXCESS (-) BORROW (+)	TOPSOIL FURNISH AND PLACE, 4"
	STORM SEWER TRENCHING	TOPSOIL REMOVAL	CUT										
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
ILLINOIS ROUTE 162	-	-	-	3,545	2,659	282	1,559	1,169	2,469	1,300	3,264	605	4,995
OLD TROY ROAD	-	-	-	1,718	1,289	114	555	416	988	572	3,073	1,785	9,207
NON-SPECIAL WASTE AREA**	574	554	54	-	-	-	-	-	-	-	-	-	-
TOTALS:	574	554	54	5,263	3,947	396	2,114	1,586	3,457	1,872	6,337	2,390	14,202
	1,182												
PAY ITEM, OR PORTION OF PAY ITEM: NOTES:	*	*	*	*	BDE FACTOR OF 0.75	*	*	BDE FACTOR OF 0.75 APPLIED	*	*	*	*	*
	ESTIMATED EXCAVATION FOR INSTALLATION OF STORM SEWERS. PORTION OF NON- SPECIAL WASTE DISPOSAL**	TOPSOIL REMOVAL TO DEPTH OF 12". PORTION OF NON- SPECIAL WASTE DISPOSAL**	CUTS BELOW TOPSOIL EXCAVATION. PORTION OF NON- SPECIAL WASTE DISPOSAL**	EXCAVATION PORTION OF TOPSOIL EXCAVATION AND PLACEMENT. STRIPPED AND STORED ON SITE FOR USE.		EXISTING AGGREGATES - DISPOSED OF OFFSITE. NOT PLACED IN EMBANKMENTS	CUTS BELOW TOPSOIL EXCAVATION. CAN BE USED AS STRUCTURAL FILL		PLACEMENT PORTION OF EARTH EXCAVATION MATERIAL	PORTION OF FURNISHED EXCAVATION REQUIRED FROM OFFSITE	PLACEMENT OF TOPSOIL EXCAVATION AND PLACEMENT	PORTION OF FURNISHED EXCAVATION REQUIRED FROM OFFSITE	TOPSOIL FURNISH AND PLACE, 4" (AREA)

*PAY ITEM

** SEE SPECIAL PROVISIONS FOR LIMITS OF NON-SPECIAL WASTE AREA ALONG ILLINOIS ROUTE 162 AND OLD TROY ROAD. THE OTHER COLUMNS IN THIS TABLE DO NOT HAVE NON-SPECIAL WASTE INCLUDED IN TOTALS

STORM SEWER SCHEDULE (A)																					
ID	LT./RT.	STATION	EXISTING			CONCRETE COLLAR	PRECAST REINFORCED CONCRETE FLARED END SECTION (W/TOWE WALL)				PROPOSED						INLETS				
			REMOVING MANHOLES	REMOVE EXISTING FLARED END SECTION	MANHOLES, TYPE A																
					4'-DIAMETER		5'-DIAMETER	6'-DIAMETER	8'-DIAMETER												
					TYPE 3 FRAME AND GRATE EACH		TYPE 1 FRAME CLOSED LID EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 8 GRATE EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 3V FRAME AND GRATE EACH	TYPE 8 GRATE EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 3V FRAME AND GRATE EACH					
EACH	EACH	CU YD	12" EACH	15" EACH	24" EACH	30" EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 1 FRAME CLOSED LID EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 8 GRATE EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 3V FRAME AND GRATE EACH	TYPE 8 GRATE EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 3V FRAME AND GRATE EACH				
PRC1	RT	549+00.00					1														
MH2	RT	549+17.06	1											1							
MH1	RT	549+13.64		1										1							
CC1	LT	549+15.80			1.0																
CC2	RT	548+96.62			0.7																
CC3	LT	549+04.80			0.7																
CC4	LT	651+27.29			0.7																
CC5	RT	651+16.31			0.7																
CC6	LT	650+32.47			0.7																
CC7	LT	652+00.00			0.4																
I1	RT	549+28.24																1			
I2	LT	549+09.59																	1		
I3	LT	649+87.54													1						
I4	LT	650+32.47																	1		
I5	LT	651+17.86																			
I6	LT	652+76.16														1					
I7	LT	652+86.51								1											
I8	RT	651+16.31															1				
I9	LT	649+30.33										1									
I10	LT	649+19.91										1									
MH3	LT	651+27.29											1								
MH4	LT	652+86.51									1										
PRC3	RT	651+26.01						1													
PRC4	RT	652+86.51					1														
PRC5	RT	547+71.14				1															
I18	RT	547+71.51								1											
I19	RT	547+62.22														1					
PRC9	RT	544+94+85						1										1			
I11	LT	652+00.00																			
I12	RT	544+94.90										1						1			
I13	RT	545+04.70														1					
I14	LT	544+94.93																1			
I15	LT	545+04.41														1					
PRC8	RT	546+00.19				1															
I16	RT	546+00																	1		
I17	LT	545+99.59																			
I20	RT	550+37.94															1				
I21	AR	547+85.04																			
I22	AR	649+01.87															1				
PRC6	RT	547+00						1													
PRC2	LT	547+36.54						1													
PRC7	LT	547+00.00						1													
PRC7	RT	550+37.94																			
TOTAL:			1	1	4.9	2	2	4	1	2	1	3	1	2	1	4	4	3	2	3	
USE:			1	1	4.9	2	2	4	1	2	1	3	1	2	1	4	4	3	2	3	

MODEL: Sch-01
FILE: ILLROUTE_S1PROJECT341B-0015-PHY_IL_162_and_OLD_Troy_Rd_RoundaboutDesign\CA00_Sheets\DRB\AP586-shr-ILL-CLOSURE-Schedules.dgn



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1667 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
IL ROUTE 162 AND OLD TROY ROAD

SCALE: NONE SHEET 1 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	8
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: Sch-02
FILE NAME: S:\Projects\4418-0015-04HY_IL_162_and_Old_Troy_Rd_Roundabout\Design\CA00_Sheets\DRAP596-shit-ULLCLOSURE-Schedules.dgn

STORM SEWER SCHEDULE (B)																							
ID	TO	ID	STA	TO	STA	LT/RT., AR = ACROSS ROAD	COMMENTS	* SELECT GRANULAR BACKFILL, SPECIAL	EXISTING	PROPOSED													
								STORM SEWER REMOVAL	PROPOSED STORM SEWER CONNECTION TO EXISTING STORMSEWER	STORM SEWERS													
										CLASS A, TYPE 1 12"	CLASS A, TYPE 1 24"	CLASS A, TYPE 1 30"	CLASS A, TYPE 2 12"	CLASS A, TYPE 2 15"	CLASS A, TYPE 2 24"	CLASS A, TYPE 3 12"	CLASS A, TYPE 3 30"	RUBBER GASKET, CLASS A, TYPE 1 12"	RUBBER GASKET, CLASS A, TYPE 2 12"	RUBBER GASKET, CLASS A, TYPE 1 15"	RUBBER GASKET, CLASS A, TYPE 1 30"	CLASS B, TYPE 1 30"	
								CU YD	FOOT	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
PRC1	TO	MH2	544+94.92	TO	549+14.52	RT																	
MH2	TO	MH1	549+14.52	TO	549+11.28	RT														18.8	7.2		
EXIST	TO	MH1	548+99.1	TO	549+11.28	RT	REMOVAL		13.0														
							REMOVE EXISTING CULVERT																
MH1	TO	I3	549+11.28	TO	649+87.54	AR		INCL W/PROPOSED	143.7														
MH1	TO	I3	549+11.28	TO	649+87.54	AR		980.7									138.7				4.0		
MH1-I3	TO	I4	549+05.91	TO	549+28.29	RT		14.1		1							23.0						
MH1-I3	TO	I2	548+97.83	TO	549+09.4	RT		12.9		1				10.2									
I3	TO	I9	649+87.54	TO	649+29.47	AR		103.9									136.4						
I9	TO	I10	649+30.33	TO	649+19.91	LT		5.5									8.0						
I10	TO	PRC2	649+19.91	TO	649+34.72	LT		-									27.7						
I10	TO	I22	649+19.91	TO	649+01.87	LT		11.1			38.1												
EXISTING			648+88.95	TO	649+01.83		REMOVE EXISTING CULVERT	12.3	36.8														
I3	TO	MH3	649+87.54	TO	651+27.29	RT		-		1			157.4	22.1									
MH3	TO	PRC3	651+27.29			AR		69.5		2				16.0		60.7							
MH3	TO	MH4	651+27.29	TO	652+86.51	RT		-		1	13.4				154.9								
MH4	TO	PRC4	652+86.51			AR		9.9						8.0	45.8								
PRC5	TO	I18	548+09.35	TO	547+71.16	RT		1.8															
I18	TO	I19	547+71.16	TO	547+62.22	RT		1.9			8.0								30.5				
I18	TO	I21	547+71.16	TO	STAGE	RT		9.7						39.7									
I19	TO	INFIELD	547+62.22	TO	547+72.97	AR	REMOVE EXISTING CULVERT	167.0	70.3														
PRC9	TO	I12	544+94.92	TO	544+94.85	RT														7.0			
I12	TO	I13	544+94.85	TO	545+04.73	RT		2.3			8.0												
I12	TO	I14	544+94.85	TO	544+94.85	AR		11.7			31.8												
I14	TO	I15	544+94.93	TO	545+04.41	LT		2.1			8.0												
PRC8	TO	I16	546+00.19			RT		3.4															
I16	TO	I17	546+00.			AR		9.7										11.1					
																		33.0					
PRC6	TO	PRC7	547+00.			AR	RELIEF/OVERFLOW CULVERT	14.0				90.1											
TOTAL:								1,443.5	263.8	6	107.3	90.1	157.4	96.0	200.7	232.8	23.0	138.7	44.1	30.5	7.0	18.8	
USE:								1,444	264	6	107	90	157	96	201	233	23	139	44	31	7	19	

* NOT TOTAL CONTRACT QUANTITY

EROSION CONTROL																				
START STA	TO	END STA	LT./RT., A.R. = ACROSS ROAD	AREA (SF)	COMMENT	CLEARING AND GRUBBING	TREE TRUNK PROTECTION	TEMPORARY EROSION CONTROL SEEDING	SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	STONE DUMPED RIPRAP, CLASS A3	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	TREE, CERCIS AMELENCHIER X GRANDIFLORA, AUTUMN BRILLIANCE (A.B. SERVICE BERRY), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	* FILTER FABRIC
						LUMP SUM	EACH	POUND	ACRE	POUND	POUND	POUND	ACRE	FOOT	FOOT	EACH	SQ YD	EACH	EACH	SQ YD
ILLINOIS ROUTE 162 TO OLD TROY ROAD NORTHWEST OF ROUNDABOUT																				
541+50.	TO	654+00.	LT	60,277.8				138.4	1.38	124.5	124.5	124.5	1.38	48.0	341.0	11	143.6	-	-	143.6
ILLINOIS ROUTE 162																				
SOUTHWEST OF ROUNDABOUT - ADJ TO CHURCH FIELDS																				
541+31.46	TO	549+59.87	RT	45,939.5				105.5	1.05	94.9	94.9	94.9	1.05	40.0	-	12	149.5	-	-	149.5
ILLINOIS ROUTE 162																				
SOUTHWEST OF ROUNDABOUT, WEST OF MCT ENTRANCE																				
549+59.87	TO	550+41.28	RT	2,972.1	NO TREE REMOVAL			6.8	0.07	6.1	6.1	6.1	0.07	-	-	1	-	-	-	-
ILLINOIS ROUTE 162																				
SOUTHEAST OF MCT ENTRANCE																				
550+59.39	TO	553+83.05	RT	8,147.0	CLEAR AND GRUB FOR RIPRAP AREA	0.33		18.7	0.19	16.8	16.8	16.8	0.19	-	-	2	195.4	-	-	195.4
544+06.78	TO	555+05.14	RT	4,337.5	NO TREE REMOVAL			10.0	0.10	9.0	9.0	9.0	0.10	-	-					
ILLINOIS ROUTE 162																				
NORTH EAST OF MCT																				
550+59.39	TO	553+83.05	RT	19,620.0	CLEAR AND GRUB	0.33	5	45.0	0.45	40.5	40.5	40.5	0.45	16.0	-	3	18.9	-	-	18.9
OLD TROY ROAD, ALONG MCT TRAIL																				
649+46.52	TO	653+44.73	RT	25,706.5	CLEAR AND GRUB	0.12	1	59.0	0.59	53.1	53.1	53.1	0.59	8.0	-	7	17.6	2	3	17.6
TOTAL:						1	6	383.4	3.83	345.0	345.0	345.0	3.83	112.0	341.0	36	524.9	2	3	524.9
USE:						1	6	383	4.00	360	360	360	4.00	112	341	36	525	2	3	525

* NOT TOTAL CONTRACT QUANTITY



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
IL ROUTE 162 AND OLD TROY ROAD

SCALE: NONE SHEET 2 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	9
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: S1h-03
FILE NAME: S:\Projects\41B-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CAD\ Sheets\DBFAP586-sh1-FULLCLOSURE-Schedules.dgn

BASES											
START STA	TO	END STA	LT./RT., AR=ACROSS ROAD, CNTR=CENTE R OF ROAD	L FOOT	COMMENT	AGGREGATE SUBGRADE IMPROVEMENT	SUBBASE GRANULAR MATERIAL, TYPE B	SUBBASE GRANULAR MATERIAL, TYPE B 12"	* BITUMINOUS MATERIALS (PRIME COAT)	STABILIZED SUBBSASE - HOT MIX ASPHALT, 4"	* AGGREGATE BASE COURSE, TYPE A 8"
						CU YD	TON	SQ YD	POUND	SQ YD	SQ YD
ILLINOIS ROUTE 162											
WEST APPROACH											
541+48.49	TO	542+88.09	LT	139.6	SHOULDER						82.7
541+51.09	TO	542+87.97	RT	136.9	SHOULDER						86.4
542+88.09	TO	544+69.91	LT	181.8	SHOULDER						60.0
542+87.97	TO	544+68.02	RT	180.0	SHOULDER						61.2
542+85.74	TO	544+68.02	AR	182.3		68.0		680.1	1,550.6	689.1	
544+68.	TO	545+74.89	AR	106.9		47.8		477.7	1,053.7	468.3	
545+74.89	TO	546+73.07	LT	98.2		23.9		239.0			
545+75.12	TO	546+73.15	AR	98.0					1,003.1	445.8	
545+74.89	TO	547+36.47	RT	161.6		22.8	228.3				
546+73.	TO	547+31.	LT	58.0		17.4		174.3			
546+73.15	TO	547+39.82	AR	66.7					762.9	339.1	
547+24.76	TO	548+65.12	LT	140.4	NORTH PORTION OF CIRCULATORY	107.9		1,079.2	2,364.3	1,050.8	
547+25.	TO	548+65.12	RT	140.1	SOUTH PORTION OF CIRCULATORY	40.4	403.7		1,635.7	727.0	
548+41.8	TO	549+24.	AR	82.2		44.4		444.0	985.7	438.1	
549+24.	TO	549+98.	AR	74.0		32.5		325.1	715.8	318.1	
549+95.	TO	551+09.17	AR	114.2		47.4		474.1	1,059.0	470.6	
551+09.17	TO	551+62.15	AR	53.0		22.1		220.8	482.5	214.4	
551+59.73	TO	553+59.74	AR	200.0		74.1		740.7	1,535.5	682.4	
EAST APPROACH											
550+89.51	TO	551+09.33	RT	19.8	SHOULDER						12.4
551+09.33	TO	551+59.62	RT	50.3	SHOULDER						28.9
551+59.62	TO	553+61.17	LT	201.5	SHOULDER						118.1
551+59.62	TO	553+21.6	RT	162.0	SHOULDER						89.7
COMMERCIAL /PRIVATE ENTRANCE, 550+45.03, RT											
549+95.58	TO	550+91.19	RT	95.6	BASE UNDER WIDE SHOULDER						112.9
550+05.91	TO	550+91.19	RT	85.3	BASE UNDER ENTRANCE		86.8				173.7
PRIVATE ENTRANCE, 553+75.06, RT											
553+19.36	TO	554+17.9	RT	98.5	BASE UNDER WIDE SHOULDER						113.4
OLD TROY ROAD											
649+38.38	TO	650+16.33	AR	78.0		44.8		448.2		444.1	
650+16.33	TO	651+56.88	AR	140.5		69.3		692.8		690.0	
651+56.88	TO	651+87.53	AR	30.7		13.6		136.2		136.2	
651+87.53	TO	653+42.94	AR	155.4	INCLUDES SMALL SECTION OF CURB	65.9		659.4		659.0	
TOTAL:						742.4	718.8	6,791.6	13,148.5	7,773.1	939.4
USE:						742	719	6,792	13,148	7,773	939

*NOT TOTAL CONTRACT QUANTITY



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1667 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
IL ROUTE 162 AND OLD TROY ROAD

SCALE: NONE SHEET 3 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	10
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: Sch-04
FILE NAME: S:\Projects\41B-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CADD_Sheets\DRAP5B6-shit-FULLCLOSURE-Schedules.dgn

CURBS, MEDIANS, SIDEWALKS																
START STA	TO	END STA	LT./RT., AR=ACROSS ROAD, CNTR=CENTER OF ROAD	STA TO STA L FOOT	COMMENT	SELECT GRANULAR BACKFILL, SPECIAL	CLASS SI CONCRETE (OUTLET)	AGGREGATE BASE COURSE, TYPE A 4"	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	DETECTABLE WARNINGS	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 (MODIFIED)	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 6 INCH
						CU YD	CU YD	SQ YD	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT
ILLINOIS ROUTE 162																
LTEOP																
544+68.02	TO	545+40.71	LT	72.7								72.7				
545+40.71	TO	547+06.3	LT	165.6	LARGE RADIUS							162.6				
547+06.3	TO	547+39.1	LT	32.8	SMALL RADIUS							38.7				
547+39.1	TO	547+84.07	LT	45.0	SMALL RADIUS							53.1				
CENTER MEDIAN																
544+68.02	TO	545+75.02	CENTER, LT	107.0	MEDIAN						107.0					
545+75.02	TO	546+62.4	CENTER, LT	87.4	MEDIAN						87.4					
546+62.4	TO	547+25.39	CENTER, LT	63.0	MEDIAN						63.0					
547+25.39	TO	547+25.39	CENTER, NOSE		AT CIRCULATORY											
544+68.02	TO	545+75.02	CENTER	107.0	BACKFILL & MED. SURFACE	23.3							13.5			503.4
545+75.02	TO	546+62.4	CENTER	87.4	BACKFILL & MED. SURFACE	22.4										484.9
546+62.4	TO	547+25.39	CENTER	63.0	BACKFILL & MED. SURFACE	14.6										314.8
544+68.02	TO	545+75.02	CENTER, RT	107.0	MEDIAN						107.0					
545+75.02	TO	546+62.4	CENTER, RT	87.4	MEDIAN						87.4					
546+62.4	TO	547+25.39	CENTER, RT	63.0	MEDIAN						63.0					
547+25.39	TO	548+43.96	CENTER, RT	118.6												
RTEOP																
544+68.02	TO	544+92.45	RT	24.4									24.5			
544+92.45	TO	545+40.26	RT	47.8								47.8				
545+40.26	TO	546+61.91	RT	121.7	LARGE RADIUS							124.8				
546+61.91	TO	547+44.68	RT	82.8								91.6				
547+44.6	TO	548+32.47	RT	87.9	SOUTH CIRCULATORY							69.6				
547+25.39	TO	548+43.96	RT	118.6								30.11				
CIRCULATORY																
547+43.96	TO	548+47.02	AR	104.0	INNER TRUCK APRON									209.0	322.0	
TRUCK APRON AREA FOR RT TURNS, NORTHEAST OF CIRCULATORY																
548+51.42	TO	549+23.77	LT	72.3	NB TRUCK APRON AREA								62.9		69.4	
LTEOP																
548+99.41	TO	549+95.58	LT	96.2								69.9				
549+95.58	TO	551+09.86	LT	114.3								114.3				
551+09.86	TO	551+59.79	LT	49.9								49.9				
CENTER MEDIAN																
548+63.09	TO	549+25.06	CENTER, LT	62.0	MEDIAN						88.7					
549+25.06	TO	549+95.58	CENTER, LT	70.5	MEDIAN						35.2					
548+63.09	TO	549+25.06	CENTER	62.0	BACKFILL & MED. SURFACE	23.6										510.8
549+25.06	TO	549+95.58	CENTER	70.5	BACKFILL & MED. SURFACE	12.6										271.1
548+64.85	TO	549+25.04	CENTER, NOSE		AT CIRCULATORY								18.13			
548+67.24	TO	549+25.04	CENTER, RT	57.8	SMALL RADIUS						60.2					
549+25.04	TO	549+95.58	CENTER, RT	70.5							62.6					
RTEOP																
548+43.96	TO	549+26.79	RT	82.8	SMALL RADIUS							67.09				
549+26.79	TO	549+95.55	RT	68.8								78.9				
OLD TROY ROAD																
LTEOP																
649+41.67	TO	650+12.83	LT	71.2	SMALL RADIUS							75				
650+12.83	TO	651+56.88	LT	144.0								144.0				
651+56.88	TO	652+18.29	LT	61.4			5.9	26.7								
649+82.75	TO	649+93.99	LT	11.2	SIDEWALK APPROACH			22.6	166.6	19.7						
CENTER MEDIAN																
649+58.83	TO	651+50.14	CENTER, LT	191.3	MEDIAN						191.3					
649+58.83	TO	649+77.36	CENTER, NOSE		AT CIRCULATORY								14.3			
649+58.83	TO	649+77.36	CENTER	18.5	BACKFILL & MED. SURFACE	7.4										159.5
649+77.36	TO	649+89.76	CENTER	12.4	PEDESTRIAN OPENING	1.1			86.1	40.2	17.9					
649+89.76	TO	651+49.61	CENTER	159.8	BACKFILL & MED. SURFACE	37.6										812.83
649+58.83	TO	651+50.14	CENTER, RT	191.3	MEDIAN						191.3					
RTEOP																
649+63.12	TO	650+16.59	RT	53.5	SMALL RADIUS							55.91				
650+16.59	TO	651+55.91	RT	139.3								107.3				
651+55.91	TO	651+87.37	RT	31.6								21.8				
651+87.37	TO	653+18.61	RT	131.2								163.5				
653+18.61	TO	653+42.94	RT	24.3	AT MCT ENTRANCE							31.62				
649+85.74	TO	649+96.57	RT	10.8	SIDEWALK APPROACH			21.6	165.9	19.8						
TOTAL:						142.6	5.9	70.8	418.6	79.7	1,162.0	1,670.2	133.3	209.0	391.4	3,057.3
USE:						143	6	71	419	80	1,162.0	1,670	133	209	392	3,057

*NOT TOTAL CONTRACT QUANTITY



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	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
IL ROUTE 162 AND OLD TROY ROAD

SCALE: NONE SHEET 4 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	11
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		

MODEL: Sch-05
FILE NAME: S:\Projects\41B-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CAD\ Sheets\DRB\AP586-shi-FULL CLOSURE-Schedules.dgn

PAVEMENT AND SHOULDERS													
START STA	TO	END STA	LT./RT., AR=ACROSS ROAD, CNTR=CENTE R OF ROAD	L FOOT	COMMENT	* BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SHOULDERS, 9"	AGGREGATE SHOULDERS, TYPE B 9"	PORTLAND CEMENT CONCRETE SHOULDERS 9"	INCIDENTAL HOT- MIX ASPHALT SURFACING (8")	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
						POUND	POUND	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD
ILLINOIS ROUTE 162													
WEST APPROACH													
541+48.49	TO	542+88.09	LT	139.6	SHOULDER	123.9	12.1	55.1	38.2				
541+51.09	TO	542+87.97	RT	136.9	SHOULDER	114.7	11.2	51.0	37.7				
542+88.09	TO	544+69.91	LT	181.8	SHOULDER				61.2	61.0			
542+87.97	TO	544+68.02	RT	180.0	SHOULDER				60.0	55.9			
542+85.74	TO	544+68.02	AR	182.3								611.5	
544+68.	TO	545+74.89	LT	106.9								142.6	
544+68.	TO	545+74.89	RT	106.9								143.5	
545+74.89	TO	546+73.07	LT	98.2								152.1	
545+74.89	TO	546+73.07	RT	98.2								134.8	
546+73.07	TO	547+35.32	LT	62.3								115.9	
546+73.07	TO	547+39.95	RT	66.9								118.6	
CIRCULATORY													
547+25.03	TO	548+65.66	AR	140.6	CIRCULATORY							767.2	501.5
TRUCK APRON AREA FOR RT TURNS, NORTHEAST OF CIRCULATORY													
548+53.1	TO	548+99.98	LT	46.9									27.9
EAST APPROACH													
548+54.56	TO	549+22.85	LT	68.3								118.9	
548+41.49	TO	549+26.56	RT	85.1								134.3	
549+24.9	TO	549+95.53	LT	70.6								100.0	
549+24.9	TO	549+95.53	RT	70.6								104.4	
549+95.62	TO	550+07.51	RT	11.9					3.9				
549+95.	TO	551+09.17	AR	114.2								404.0	
550+89.73	TO	551+09.27	RT	19.5	SHOULDER				7.2	6.3			
551+09.27	TO	551+59.5	RT	50.2	SHOULDER				18.3	16.1			
551+09.17	TO	551+62.15	AR	53.0								179.8	
551+59.5	TO	553+21.7	RT	162.2	SHOULDER				52.5	54.1			
551+59.81	TO	553+59.79	LT	200.0	SHOULDER				69.2	69.3			
551+59.73	TO	553+59.74	AR	200.0								675.0	
COMMERCIAL /PRIVATE ENTRANCE, 550+45.03, RT													
549+95.58	TO	550+89.47	RT	93.9	WIDENED SHOULDER					82.5			
549+95.58	TO	550+89.47	RT	93.9	ENTRANCE PAVEMENT		18.1	82.2			78.5		
PRIVATE ENTRANCE, 553+75.06, RT													
553+19.36	TO	554+17.9	RT	98.5	SHOULDER					104.9			
OLD TROY ROAD													
649+45.88	TO	650+12.76	LT	66.9								125.2	
649+79.29	TO	650+12.47	RT	33.2								164.3	
650+12.76	TO	651+56.07	LT	143.3								223.5	
650+12.47	TO	651+56.03	RT	143.6								216.9	
651+56.87	TO	651+87.52	AR	30.6								107.7	
651+80.71	TO	653+37.23	LT	156.5	SHOULDER					102.1			
651+87.52	TO	653+37.23	AR	149.7								460.7	
TOTAL:						238.6	41.4	188.2	348.2	552.3	78.5	5,200.8	529.4
USE:						239	41	188	348	552	79	5,201	529

*NOT TOTAL CONTRACT QUANTITY



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
DRAWN -	REVISD -	
PLOT SCALE = 0.1667 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES			
IL ROUTE 162 AND OLD TROY ROAD			
SCALE: NONE	SHEET 5	OF 7	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	12
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: Sch-05
FILE NAME: S:\Projects\41B-0015-0HY IL 162 and Old Troy Rd Roundabout\Design\CA00_Sheets\DRB\AP586-shi-ILL-CL05\RE-Schedules.dgn

PAVEMENT MARKINGS																		
START STA	TO	END STA	LT/RT, AR=ACROSS ROAD, CENTER	L	COMMENT	MODIFIED URETHANE MARKING LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		MODIFIED URETHANE PAVEMENT MARKING - LINE 6"		MODIFIED URETHANE PAVEMENT MARKING - LINE 12"		PAINT CURB	CURB REFLECTORS		RAISED REFLECTIVE PAVEMENT MARKERS		PAVEMENT MARKING REMOVAL - WATER BLASTING
				FOOT		WHITE	WHITE	YELLOW	WHITE	YELLOW	YELLOW	WHITE	YELLOW	AMBER	CRYSTAL	ONE-WAY AMBER	TWO-WAY AMBER	SQ FT
						SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	
ILLINOIS ROUTE 162																		
541+51.	TO	542+88.02	LT	137.0	WHITE EDGE LINE				137.0									69
541+51.	TO	542+88.02	CENTER	137.0	MEDIAN - DOUBLE YELLOW LINES			274.0										91
541+51.	TO	542+88.02	RT	137.0	WHITE EDGE LINE				137.0									60
542+88.02	TO	544+68.02	LT	180.0	WHITE EDGE LINE				180.0									
542+88.02	TO	544+68.02	CENTER	180.0	MEDIAN - DOUBLE YELLOW LINES			720.0							10	1		
542+88.02	TO	544+68.02	CENTER	180.0	MEDIAN - DIAGONALS						35.7							
542+88.02	TO	544+68.02	RT	180.0	WHITE EDGE LINE				180.0									
544+68.02	TO	547+41.1	LT	273.1	WHITE EDGE LINE				273.1									
544+68.02	TO	547+26.61	CENTER	258.6	MEDIAN (RAISED) - YELLOW			520.5				520.5	26	2	14			
546+59.43	TO	547+27.36	CENTER	67.9	MEDIAN - DIAG & EDGE LINE AT CIRCUL				30.0		35.68							
544+68.02	TO	547+46.48	RT	278.5	WHITE EDGE LINE				290.21									
547+27.27	TO	547+46.48	RT	38.9	YIELD & SKIP DASH	33.0						19.5						
547+24.55	TO	548+54.65	CENTER		CIRCULATORY			329.87										
548+53.61	TO	548+70.92	LT	24.0	YIELD & SKIP DASH	36.0						12.0						
548+56.42	TO	549+95.58	LT	139.2	WHITE EDGE LINE				139.2									
548+61.62	TO	549+95.58	CENTER	134.0	MEDIAN (RAISED) - YELLOW			309.0			21.0		309.0			6		
548+61.62	TO	549+95.58	CENTER	134.0	MEDIAN - DIAG & EDGE LINE AT CIRCUL				36.0					22	2			
548+31.39	TO	549+95.58	RT	164.2	WHITE EDGE LINE				164.2									
549+95.58	TO	550+50.	LT	54.4	WHITE EDGE LINE				35.9									
549+95.58	TO	550+50.	CENTER	54.4	MEDIAN - DOUBLE YELLOW LINES											4		
549+95.58	TO	550+50.	CENTER	54.4	MEDIAN - DIAGONALS					111.57								
549+95.58	TO	550+50.	RT	54.4	WHITE EDGE LINE				396.3									
550+50.	TO	553+59.81	LT	309.8	WHITE EDGE LINE				309.8									
550+50.	TO	553+59.81	CENTER	309.8	MEDIAN - DOUBLE YELLOW LINES		1,456.5									16	1	
553+59.81	TO	554+16.7	LT	56.9	WHITE EDGE LINE				56.9									28
553+59.81	TO	554+16.7	CENTER	56.9	MEDIAN - DOUBLE YELLOW LINES			113.8										38
553+59.81	TO	554+16.7	RT	56.9	WHITE EDGE LINE				56.9									28
OLD TROY ROAD																		
649+40.92	TO	649+77.9	LT	38.0	YIELD & SKIP DASH	36.0					19.0							
649+40.92	TO	649+77.9	LT	37.0	WHITE EDGE LINE				37.0									
649+54.	TO	649+77.9	CENTER	23.9	MEDIAN (RAISED) - YELLOW			49.0				23.9	7	2	7			
649+40.92	TO	649+77.9	CENTER	37.0	MEDIAN - DIAG & EDGE LINE AT CIRCUL				37.5		36.8							
649+40.92	TO	649+77.9	RT	37.0	WHITE EDGE LINE				37.0									
649+78.33	TO	649+93.13	LT		CROSSWALK							34.9						
649+78.69	TO	649+96.11	RT		CROSSWALK							41.7						
649+78.84	TO	650+28.91	LT	50.1	WHITE EDGE LINE				50.1									
649+78.84	TO	650+28.91	CENTER	50.1	MEDIAN (RAISED) - YELLOW			50.1				50.1	3		2			
649+78.84	TO	650+28.91	CENTER	50.1	MEDIAN (RAISED) - YELLOW			50.1			5.0	50.1	3		5			
649+78.84	TO	650+28.91	RT	50.1	WHITE EDGE LINE				50.1									
650+28.91	TO	651+55.	LT	126.1	WHITE EDGE LINE				126.1									
650+28.91	TO	651+55.	CENTER	126.1	MEDIAN (RAISED) - YELLOW			126.1				126.1	7					
650+28.91	TO	651+55.	CENTER	126.1	MEDIAN (RAISED) - YELLOW			126.1				126.1	8					
650+28.91	TO	651+55.	RT	126.1	WHITE EDGE LINE				126.1									
651+55.	TO	653+37.3	LT	182.3	WHITE EDGE LINE													
651+55.	TO	653+37.3	CENTER	182.3	MEDIAN - DOUBLE YELLOW LINES		182.3										12	
651+55.	TO	653+37.3	CENTER	182.3	MEDIAN - DIAGONALS			729.2										
651+55.	TO	653+37.3	RT	182.3	WHITE EDGE LINE						35.5							
TOTAL:						105.0	1,638.8	3,397.7	2,886.3	0.0	300.3	108.1	1,205.7	76	6	64	14	323
USE:						105	5,036		2,886		408		1,206	82		78		323



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
IL ROUTE 162 AND OLD TROY ROAD

SCALE: NONE SHEET 6 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	13
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: S:\h-07
FILE NAME: S:\PROJECTS\418-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRFAP586-shit-FULLCLOSURE-Schedules.dgn

PERMANENT SIGNS										
STA	LT /RT, CENTER=AT OR NEAR BASELINE	COMMENT	SIZE OF SIGNS	SIGN TO REMAIN	REMOVE AND RELOCATE EXISTING SIGN PANEL	REMOVE EXISTING SIGN COMPLETE	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT	METAL POST - TYPE A
					EACH	EACH	SQ FT	FOOT	EACH	FOOT
ILLINOIS ROUTE 162										
538+75	RT	"T" INTERSECTION AND "OLD TROY ROAD" SIGNS AND POST				1				
544+78.15	CENTER	MEDIAN, R4-7 (WHITE)	18x24				5.0	14.0	1.0	
543+67.73	RT	20 MPH, OLD TROY ROAD, CIRCULATORY (ALL BLACK ON YELLOW)	24x30, 18x24, 30x30				14.3			14.0
545+36.48	RT	EXISTING BIKE PARKING (GREEN)			1					14.0
545+52	LT	EXISTING VILLAGE OF MARYVILLE SIGN			1					28.0
546+15.54	RT	YIELD AHEAD (YELLOW)	30x30				6.3			14.0
546+79.51	LT	EXISTING STOP SIGN (RED)				1				
547+13.84	RT	YIELD (RED TRIANGLE), CIRC. (BLACK ON WHITE), & DO NOT ENTER	36x36x36, 30x30, 30x30				17.0			14.0
547+13.84	CENTER	MED. - YIELD (RED TRIANGLE), CIRC. (BLACK ON WHITE), & DO NOT ENTER	36x36x36, 30x30, 30x30				17.0	14.0	1.0	
547+16.96	RT	ROAD CURVES SYMBOL (YELLOW)				1				
547+19.33	CENTER	MEDIAN - DIRECTIONAL WEST+ILLINOIS 162+ARROW	24x12, 24x24, 21x15				10.4	14.0	1.0	
547+63.17	CENTER	ONE WAY	36 x 12				3.0			14.0
548+22.1	CENTER	ONE WAY	36 x 12				3.0			14.0
548+71.69	CENTER	MEDIAN - DIRECTIONAL EAST+ILLINOIS 162+ARROW	24x12, 24x24, 21x15				10.4	14.0	1.0	
548+77.77	LT	YIELD (RED TRIANGLE), CIRC. (BLACK ON WHITE), & DO NOT ENTER	36x36x36, 30x30, 30x30				17.0			14.0
548+77.77	CENTER	MED. - YIELD (RED TRIANGLE), CIRC. (BLACK ON WHITE), & DO NOT ENTER	36x36x36, 30x30, 30x30				17.0	14.0	1.0	
549+78.8	LT	YIELD AHEAD (YELLOW)	30x30				6.3			14.0
549+78.8	CENTER	MEDIAN, R4-7 (WHITE)	18x24				5.0	14.0	1.0	
550+73.27	RT	MCT PARKING ENTRANCE - STOP SIGN	30x30				6.3			14.0
552+43.77	LT	20 MPH, OLD TROY ROAD, CIRCULATORY (ALL BLACK ON YELLOW)	24x30, 18x24, 30x30				14.3			14.0
553+40	LT	EXISTING CITY OF TROY SGN		1						
554+18.5	RT	KENNEDY DRIVE - STOP SIGN	30x30				6.3			14.0
554+72.43	LT	"T" INTERSECTION AND "OLD TROY ROAD" SIGNS AND POST				1				
OLD TROY ROAD										
649+18.92	LT	ONE WAY	36 x 12				3.0			14.0
649+68.8	LT	YIELD (RED TRIANGLE), CIRC. (BLACK ON WHITE), & DO NOT ENTER	36x36x36, 30x30, 30x30				17.0			14.0
649+68.8	CENTER	MED. - YIELD (RED TRIANGLE), CIRC. (BLACK ON WHITE), & DO NOT ENTER	36x36x36, 30x30, 30x30				17.0	14.0	1.0	
649+68.8	CENTER	MEDIAN - DIRECTIONAL OLD TROY ROAD + ARROW (WHITE ON GREEN)	18x30				3.8	14.0	1.0	
649+85.45	RT	PEDESTRIAN IN XWALK + DOWNWARDS ARROW (YELLOW)	30x30, 24x12				11.0			14.0
649+94.86	LT	PEDESTRIAN IN XWALK + DOWNWARDS ARROW (YELLOW)	30x30, 24x12				11.0			14.0
650+13.4	RT	EXISTING STOP SIGN (RED)				1				
650+70.82	LT	YIELD AHEAD (YELLOW)	30x30				6.3			14.0
651+43.26	CENTER	MEDIAN, R4-7 (WHITE)	18x24				3.0	14.0	1.0	
652+84.22	RT	EXISTING MCT PARKING			1					14.0
653+17.44	LT	20 MPH, OLD TROY ROAD, CIRCULATORY (ALL BLACK ON YELLOW)	24x30, 18x24, 30x30				14.3			14.0
653+37.3	RT	EXISTING SPEED LIMIT SIGN			1					14.0
TOTAL:				1	4	5	244.7	126.0	9.0	294.0
USE:				1	4	5	245	126	9	294

LANDSCAPING							
START STA	TO	END STA	LT/RT, AR=ACROSS ROAD , CENTER	COMMENT	* FILTER FABRIC	* AGGREGATE BASE COURSE, TYPE A 8"	LANDSCAPING GRAVEL
					SQ YD	SQ YD	SQ YD
IL 162 - CIRCULATORY							
547+62.64	TO	548+27.48	AR	CENTER OF CIRCULATORY	366.3	366.3	366.3
TOTAL:					366.3	366.3	366.3
USE:					366	366	366

*NOT TOTAL CONTRACT QUANTITY



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1667 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES			
IL ROUTE 162 AND OLD TROY ROAD			
SCALE: NONE	SHEET 7	OF 7	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	14
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: Typ 01
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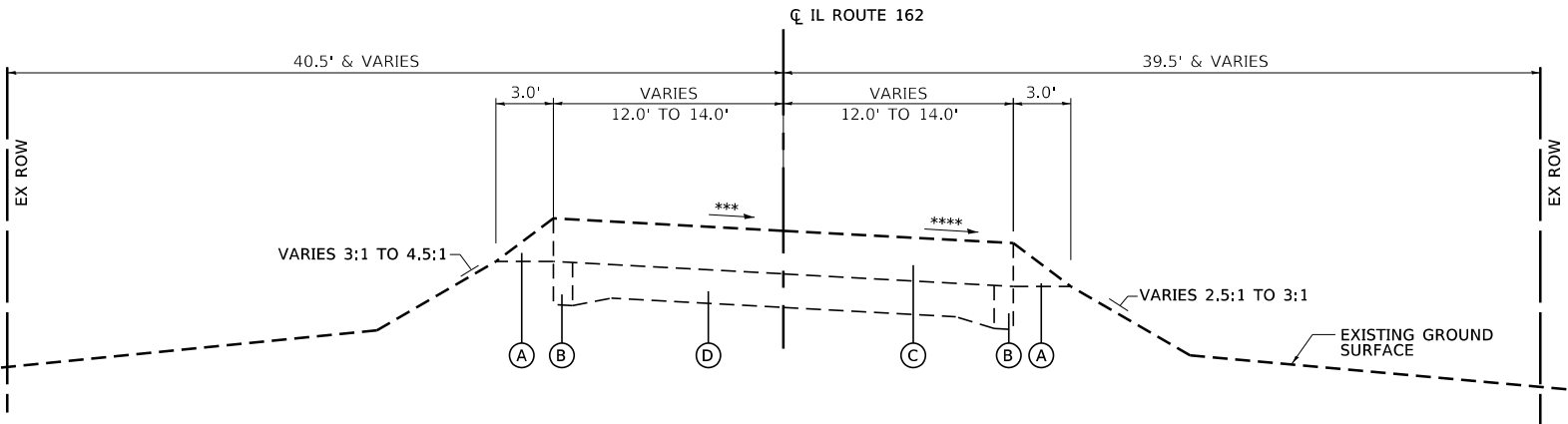
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/11/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
IL ROUTE 162

SCALE: 1"=5' SHEET 1 OF 2 SHEETS

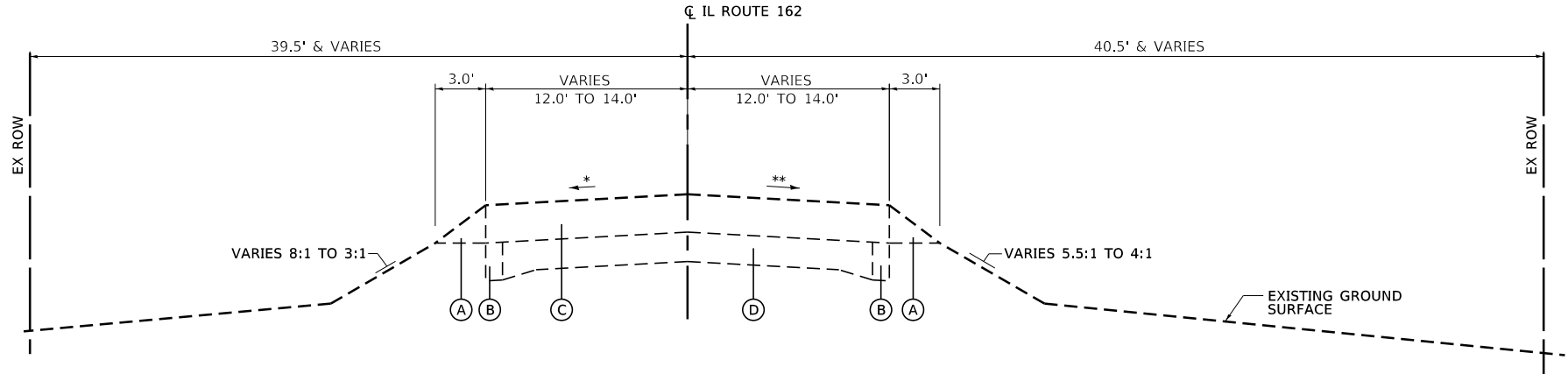
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	15
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	



EXISTING IL ROUTE 162 TYPICAL SECTION

*** LEFT:
VARIES 0.5% TO 5.17%, STA 550+50 TO 553+59.82

**** RIGHT:
2%, STA 550+50 TO STA 551+00
VARIES 2% TO 5.9%, STA 551+00 TO STA 553+59.82



EXISTING IL ROUTE 162 TYPICAL SECTION

* LEFT:
2% & VARIES, STA 541+44.05 TO STA 550+00
VARIES 2% TO 0%, STA 550+00 TO STA 550+50

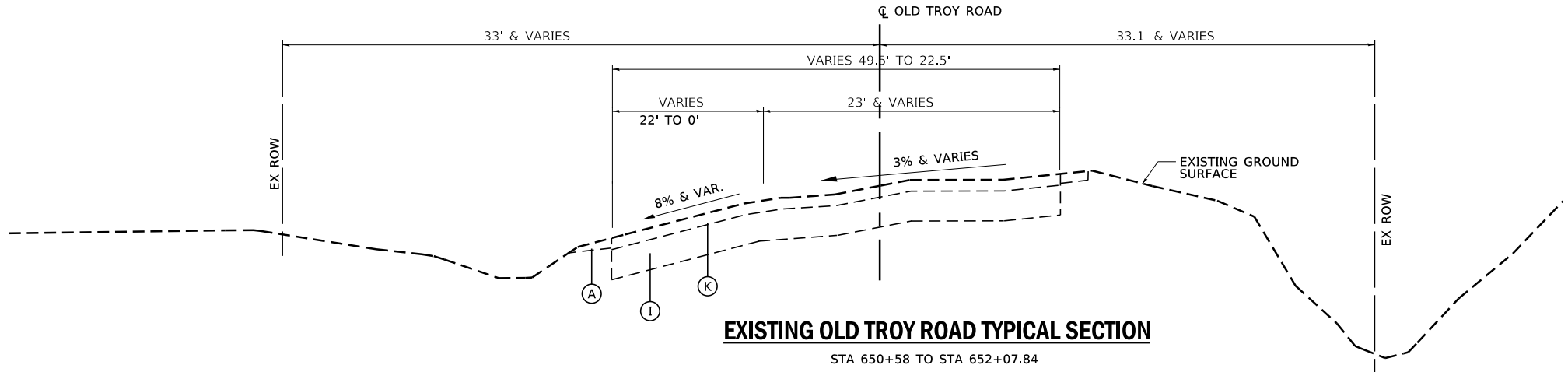
** RIGHT:
2% & VARIES, STA 541+44.05 TO STA 550+50

LEGEND

- (A) EXISTING AGGREGATE SHOULDER
- (B) EXISTING HOT-MIX ASPHALT WIDENING, $\pm$ 9"
- (C) EXISTING HOT-MIX ASPHALT OVERLAY, $\pm$ 7"
- (D) EXISTING PORTLAND CEMENT CONCRETE PVT., 9"-7"-9"
- (E) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 2 1/2"
- (F) EXISTING HOT-MIX ASPHALT BINDER, 5 1/2"
- (G) EXISTING SUB-BASE GRANULAR MATERIAL, 4"
- (H) EXISTING MODIFIED SOIL, 12"
- (I) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- (J) EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- (K) EXISTING BITUMINOUS SURFACE COURSE, 3"
- (L) EXISTING GRASS ISLAND, VARIES 0'-170'
- (M) EXISTING PORTLAND CEMENT CONCRETE SHOULDER, 8"

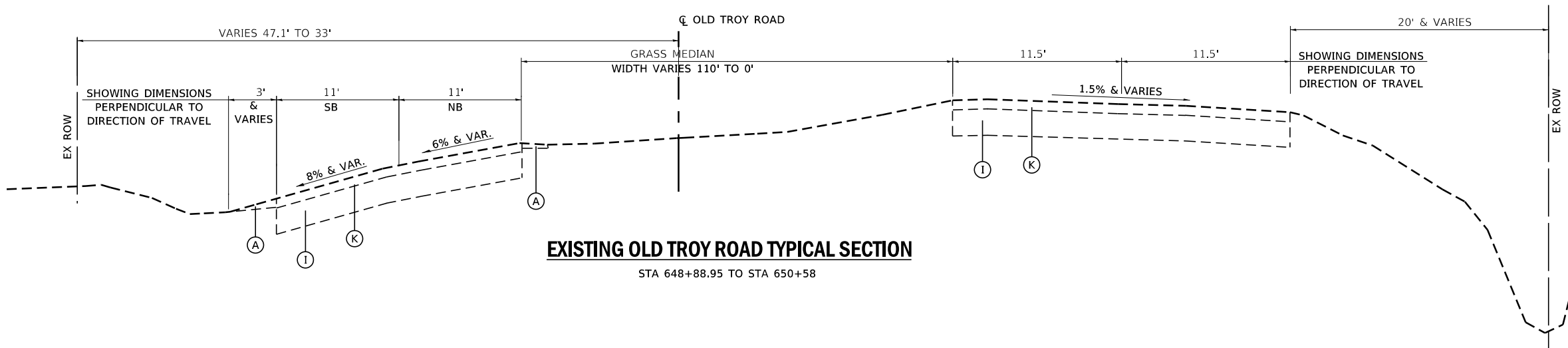
LEGEND

- (A) EXISTING AGGREGATE SHOULDER
- (B) EXISTING HOT-MIX ASPHALT WIDENING, ± 9"
- (C) EXISTING HOT-MIX ASPHALT OVERLAY, ± 7"
- (D) EXISTING PORTLAND CEMENT CONCRETE PVT., 9"-7"-9"
- (E) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 2 1/2"
- (F) EXISTING HOT-MIX ASPHALT BINDER, 5 1/2"
- (G) EXISTING SUB-BASE GRANULAR MATERIAL, 4"
- (H) EXISTING MODIFIED SOIL, 12"
- (I) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- (J) EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- (K) EXISTING BITUMINOUS SURFACE COURSE, 3"
- (L) EXISTING GRASS ISLAND, VARIES 0'-170'
- (M) EXISTING PORTLAND CEMENT CONCRETE SHOULDER, 8"



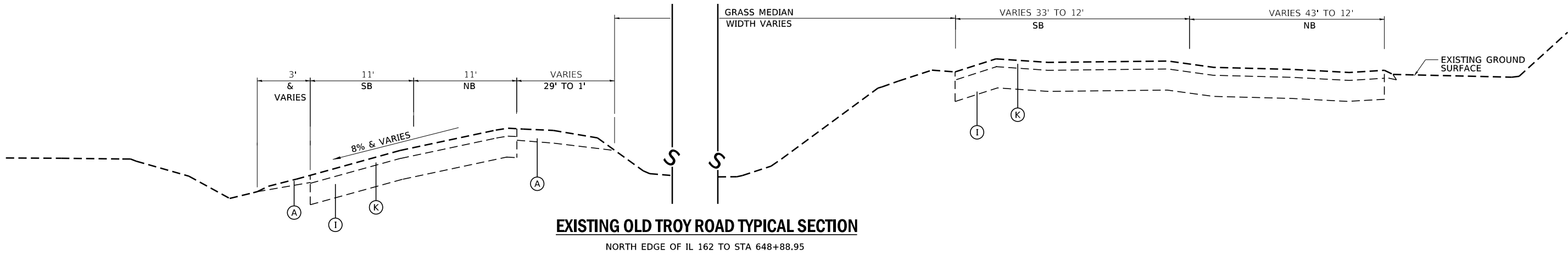
EXISTING OLD TROY ROAD TYPICAL SECTION

STA 650+58 TO STA 652+07.84



EXISTING OLD TROY ROAD TYPICAL SECTION

STA 648+88.95 TO STA 650+58



EXISTING OLD TROY ROAD TYPICAL SECTION

NORTH EDGE OF IL 162 TO STA 648+88.95

MODEL: TYP 02
FILE NAME: S:\Projects\418-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRAP586-shi-exist Typical.dgn



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/11/2025	DATE -	REVISED -

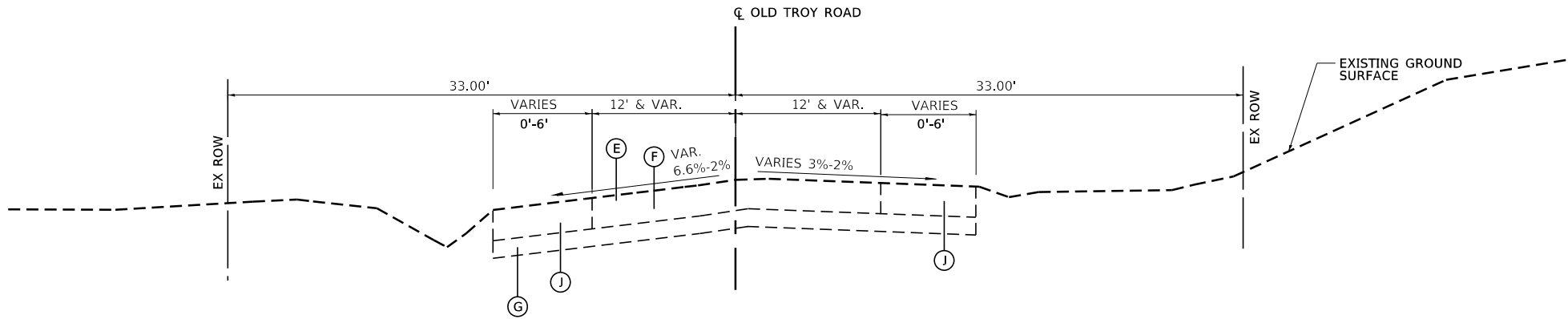
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
OLD TROY ROAD

SCALE: 1"=5' SHEET 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	16
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: Typ 03
FILE NAME: S:\Projects\418-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DBFAP586-shi-exist Typical.dgn



EXISTING OLD TROY ROAD TYPICAL SECTION

STA 652+07.84 TO STA 653+37.28

LEGEND

- (A) EXISTING AGGREGATE SHOULDER
- (B) EXISTING HOT-MIX ASPHALT WIDENING, ± 9"
- (C) EXISTING HOT-MIX ASPHALT OVERLAY, ± 7"
- (D) EXISTING PORTLAND CEMENT CONCRETE PVT., 9"-7"-9"
- (E) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 2 1/2"
- (F) EXISTING HOT-MIX ASPHALT BINDER, 5 1/2"
- (G) EXISTING SUB-BASE GRANULAR MATERIAL, 4"
- (H) EXISTING MODIFIED SOIL, 12"
- (I) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- (J) EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- (K) EXISTING BITUMINOUS SURFACE COURSE, 3"
- (L) EXISTING GRASS ISLAND, VARIES 0'-170'
- (M) EXISTING PORTLAND CEMENT CONCRETE SHOULDER, 8"



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/11/2025	DATE -	REVISED -

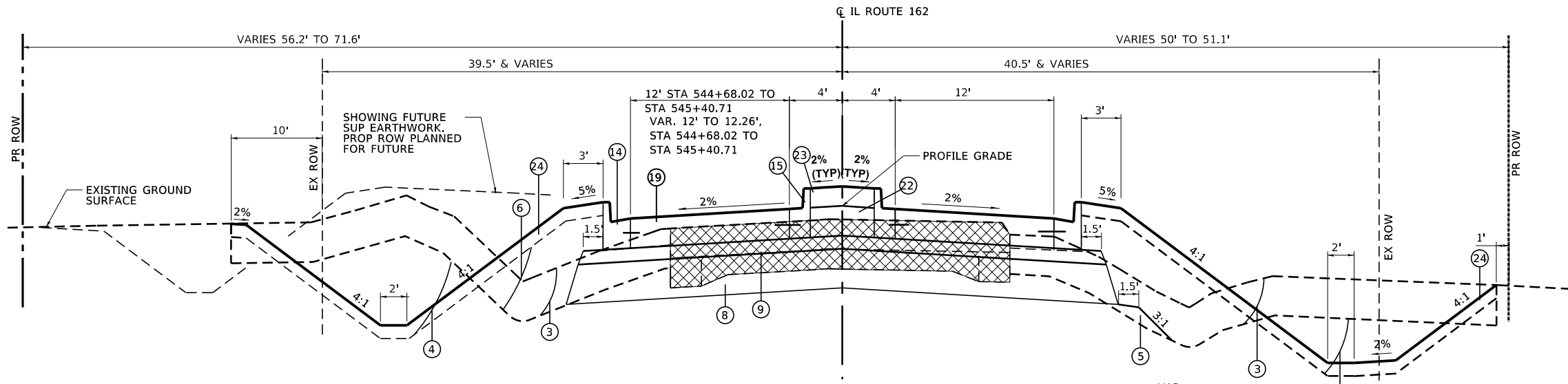
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
OLD TROY ROAD

SCALE: 1"=5'

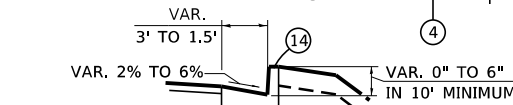
SHEET ##### OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	17
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	



PROPOSED IL ROUTE 162 TYPICAL SECTION

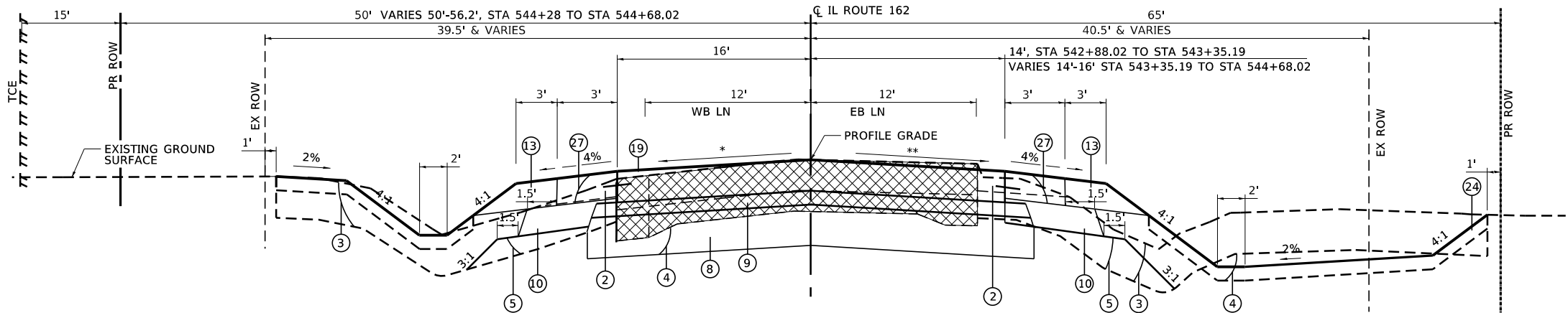
STA 544+68.02 TO STA 545+74.73



CURB TRANSITION AT EOP
STA 544+68.02 TO STA 545+92.43 (24.4')

LEGEND

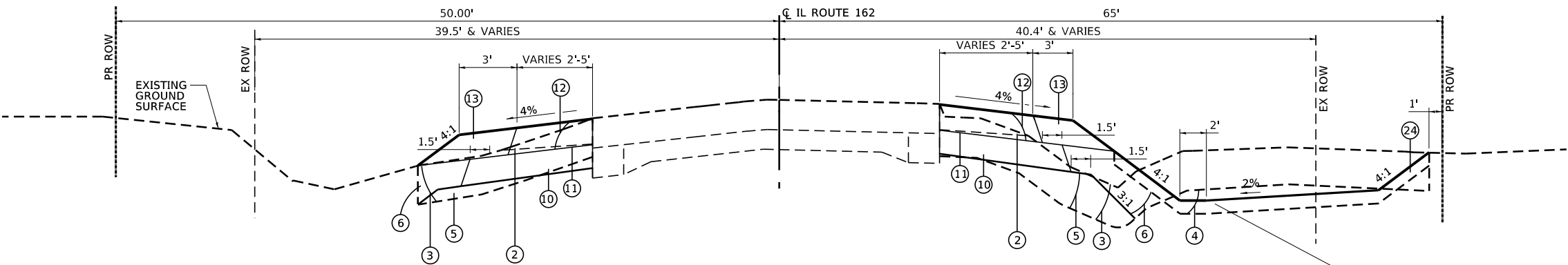
- 1 PAVEMENT REMOVAL
- 2 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- 3 TOPSOIL EXCAVATION 12" (EXCAV PORTION OF TS EXCAV & PLACEMENT)
- 4 EARTH EXCAVATION
- 5 EMBANKMENT (STRUCTURAL - EARTH EXCAV. OR FURN. EXCAV)
- 6 EMBANKMENT (PLACEMENT PORTION OF TS EXCAV & PLACEMENT)
- 7 AGGREGATE SUBGRADE IMPROVEMENT (RR1)
- 8 SUBBASE GRANULAR MATERIAL, TYPE B 12", & TON ITEM, SOME AREAS
- 9 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- 10 AGGREGATE BASE COURSE, TYPE A 8 INCH
- 11 BITUMINOUS MATERIALS (PRIME COAT)
- 12 HOT-MIX ASPHALT SHOULDERS, 9 INCH
- 13 AGGREGATE SHOULDERS, TYPE B 9"
- 14 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 15 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
- 16 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 (MODIFIED)
- 17 COMB CONC C & G, TYPE M-2.12 - SEE TRUCK APRON
- 18 DRIVEWAY PAVEMENT REMOVAL
- 19 PORTLAND CEMENT CONCRETE PAVEMENT 9"
- 20 STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 9"
- 21 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- 22 SELECT GRANULAR BACKFILL, SPECIAL
- 23 STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 6"
- 24 TOPSOIL PLACEMENT 4"
- 25 FILTER FABRIC
- 26 LANDSCAPING GRAVEL
- 27 PORTLAND CEMENT CONCRETE SHOULDERS, 9"



PROPOSED IL ROUTE 162 TYPICAL SECTION

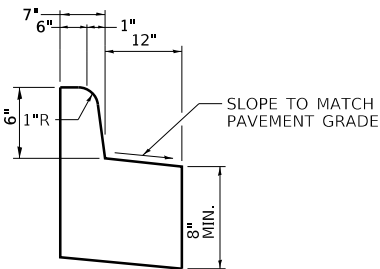
STA 542+88.02 TO STA 544+68.02

* MATCH EXIST SLOPE (3.3%) AT 542+88.02, TRANSITION TO 2% AT 543+35.19, 2% 543+35.19 TO 544+68.02
** MATCH EXIST SLOPE (0.8%) AT 542+88.02, TRANSITION TO 2% AT 543+35.19, 2% 542+35.19 TO 544+68.02



PROPOSED IL ROUTE 162 TYPICAL

STA 541+50.27 TO STA 542+88.02



COMB. CONC.
CURB AND GUTTER,
TYPE B-6.12 MODIFIED
N.T.S.

MODEL: Typ 01
FILE NAME: S:\projects\118-0015-04HY IL 162 and Old Troy Rd Roundabout\Design\CADD_Sheets\DRAP596-sit-EULLCLOSURE-prop_typical.dgn



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/11/2025	DATE -	REVISED -

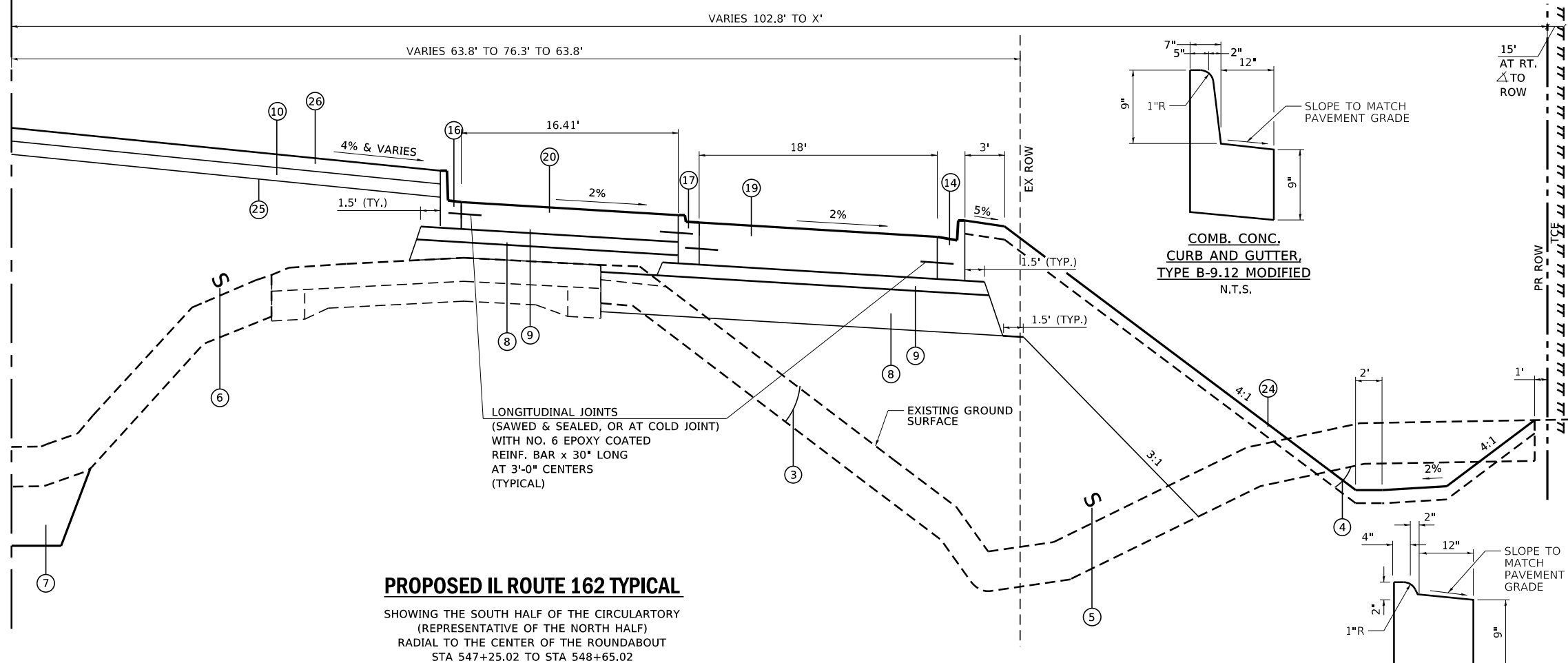
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
IL ROUTE 162

SCALE: 1"=5' SHEET 1 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	18
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		

CL IL ROUTE 162

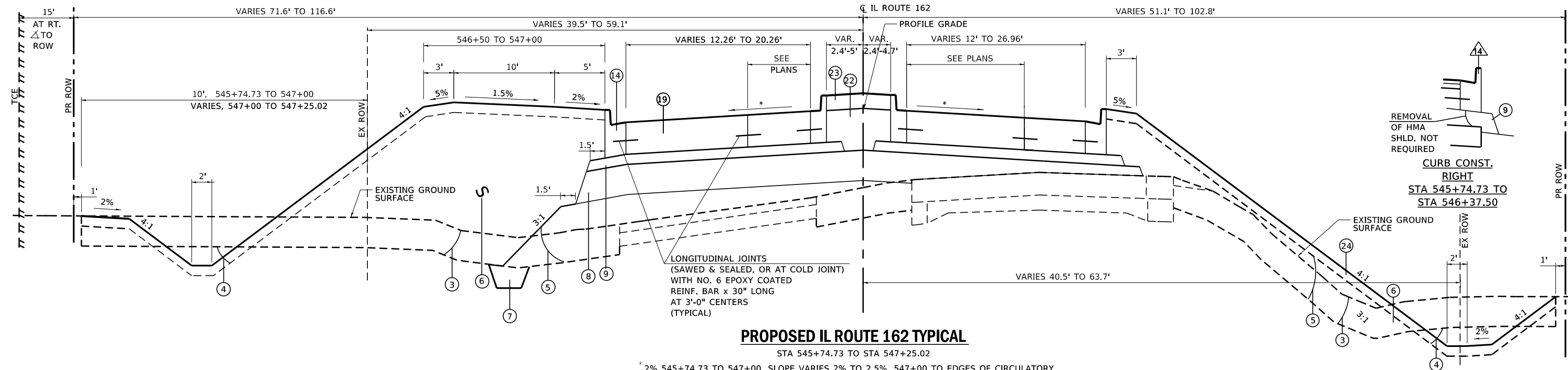


PROPOSED IL ROUTE 162 TYPICAL

SHOWING THE SOUTH HALF OF THE CIRCULARITY
(REPRESENTATIVE OF THE NORTH HALF)
RADIAL TO THE CENTER OF THE ROUNDABOUT
STA 547+25.02 TO STA 548+65.02

LEGEND

- 1 PAVEMENT REMOVAL
- 2 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- 3 TOPSOIL EXCAVATION 12" (EXCAV PORTION OF TS EXCAV & PLACEMENT)
- 4 EARTH EXCAVATION
- 5 EMBANKMENT (STRUCTURAL - EARTH EXCAV. OR FURN. EXCAV)
- 6 EMBANKMENT (PLACEMENT PORTION OF TS EXCAV & PLACEMENT)
- 7 AGGREGATE SUBGRADE IMPROVEMENT (RR1)
- 8 SUBBASE GRANULAR MATERIAL, TYPE B 12", & TON ITEM, SOME AREAS
- 9 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- 10 AGGREGATE BASE COURSE, TYPE A 8 INCH
- 11 BITUMINOUS MATERIALS (PRIME COAT)
- 12 HOT-MIX ASPHALT SHOULDERS, 9 INCH
- 13 AGGREGATE SHOULDERS, TYPE B 9"
- 14 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 15 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
- 16 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 (MODIFIED)
- 17 COMB CONC C & G, TYPE M-2.12 - SEE TRUCK APRON
- 18 DRIVEWAY PAVEMENT REMOVAL
- 19 PORTLAND CEMENT CONCRETE PAVEMENT 9"
- 20 STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 9"
- 21 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- 22 SELECT GRANULAR BACKFILL, SPECIAL
- 23 STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 6"
- 24 TOPSOIL PLACEMENT 4"
- 25 FILTER FABRIC
- 26 LANDSCAPING GRAVEL
- 27 PORTLAND CEMENT CONCRETE SHOULDERS, 9"



PROPOSED IL ROUTE 162 TYPICAL

STA 545+74.73 TO STA 547+25.02

* 2% 545+74.73 TO 547+00, SLOPE VARIES 2% TO 2.5%, 547+00 TO EDGES OF CIRCULARITY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
IL ROUTE 162

SCALE: 1"=5'

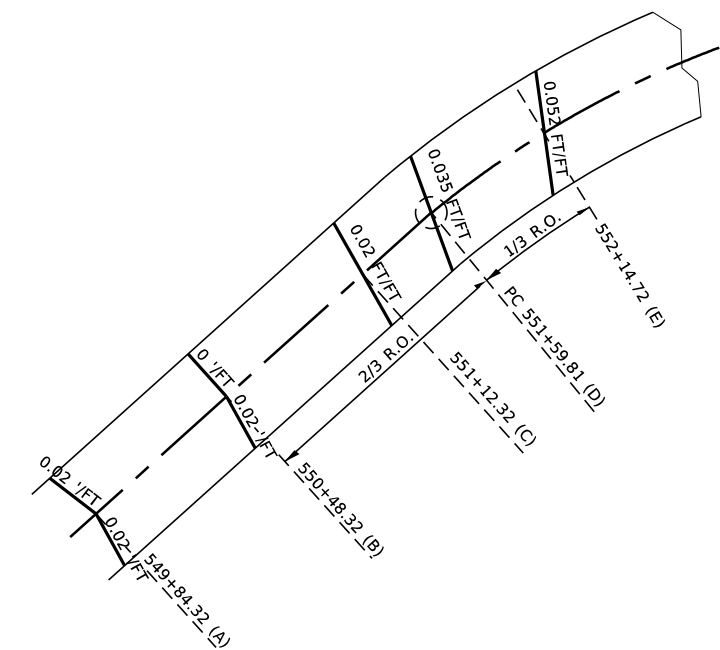
SHEET 2 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	19
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		

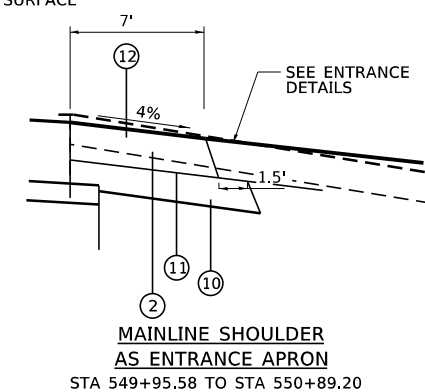
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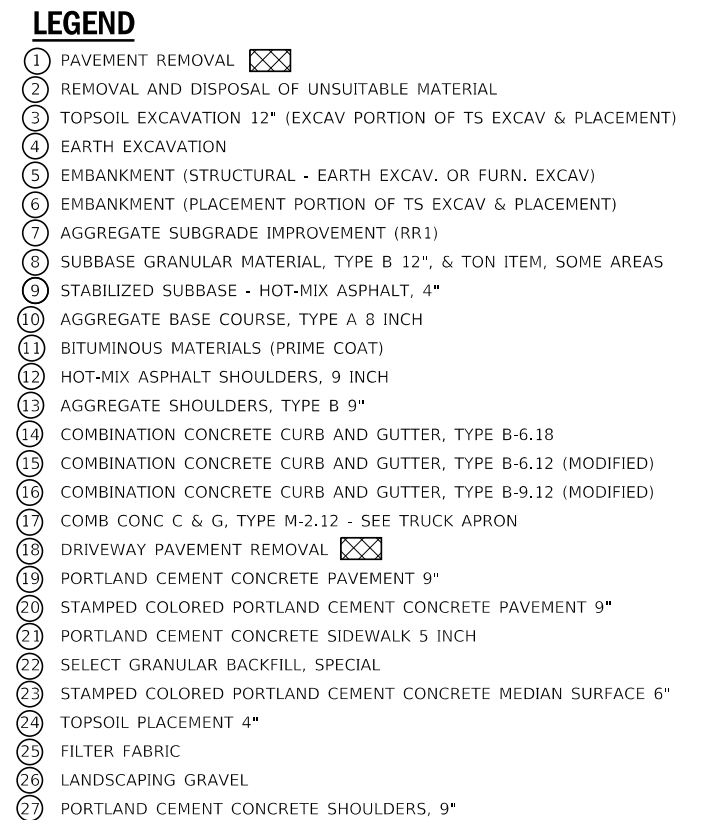
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/11/2025	DATE -	REVISED -



PROPOSED IL ROUTE 162 S.E. TRANSITIONS
AT PC STA 551+59.81



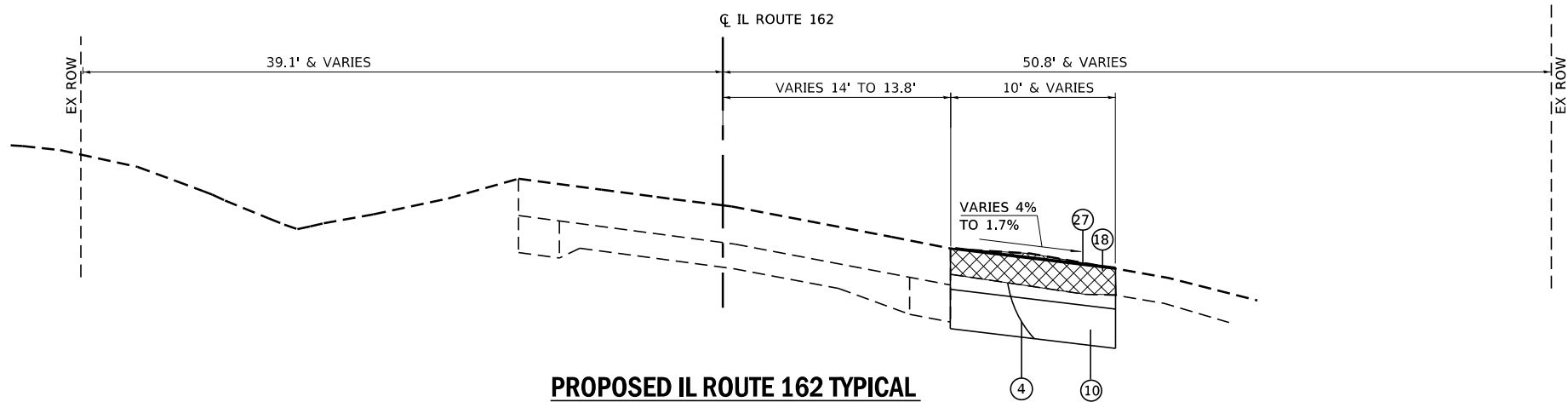
MAINLINE SHOULDER
AS ENTRANCE APRON
STA 549+95.58 TO STA 550+89.20



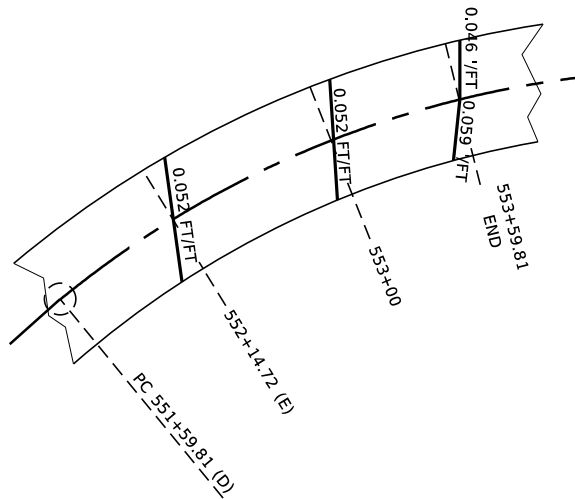
PROPOSED IL ROUTE 162 TYPICAL

STA 548+65.02 TO STA 549+95.58

* VARIES 1.2% TO 2%, EDGES OF CIRCULATORY TO 549+00, 2% 549+00 TO 549+84.32, VARIES 2% TO 1.5% 549+84.32 TO 549+95.58



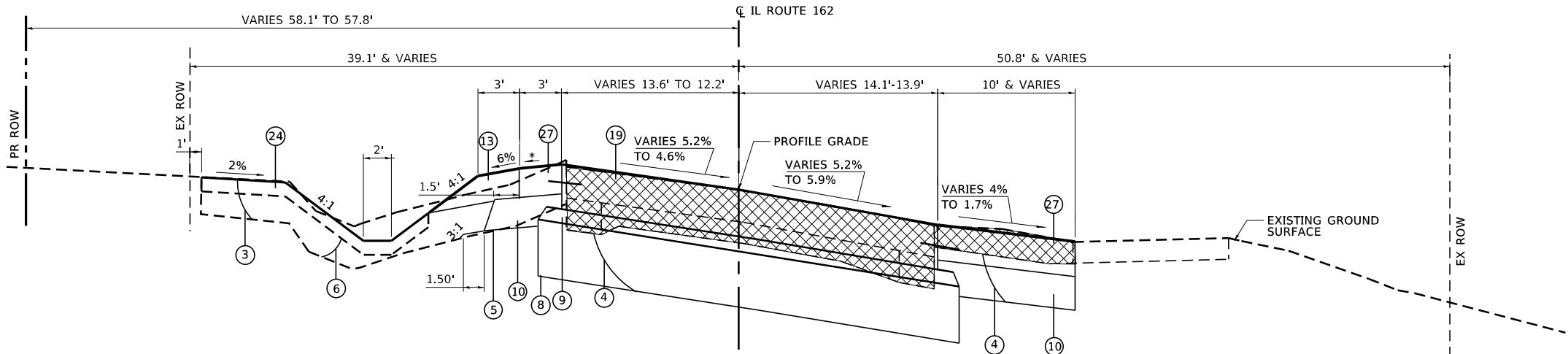
PROPOSED IL ROUTE 162 TYPICAL
STA 553+59.81 TO STA 554+16.70



PROPOSED IL ROUTE 162 S.E. TRANSITIONS
STA 553+00 TO END OF PROJECT

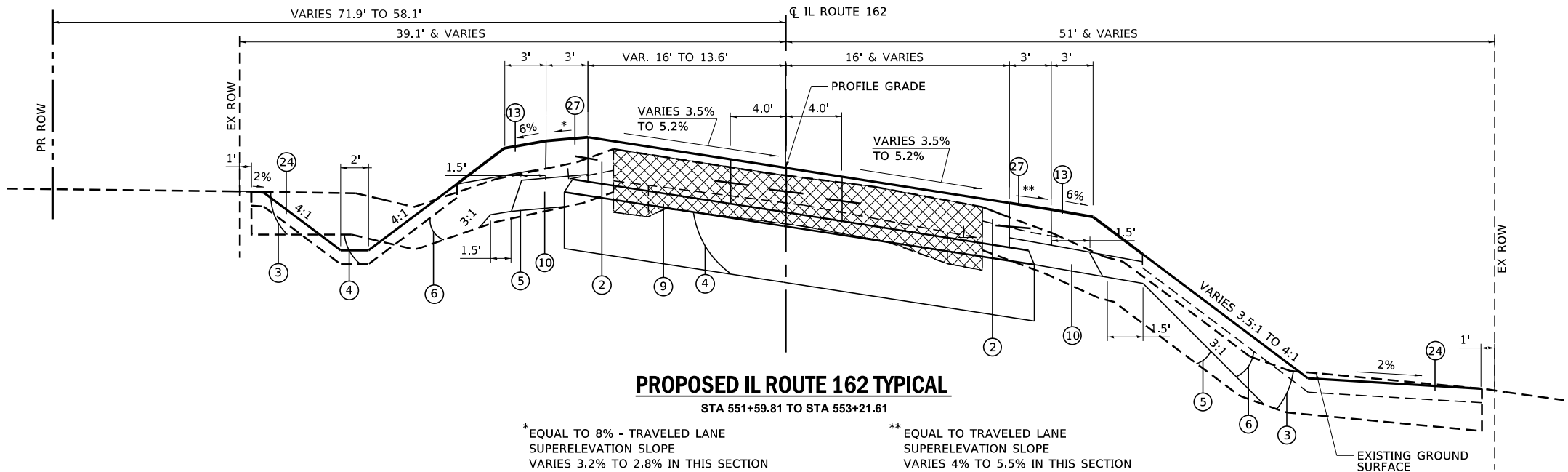
LEGEND

- 1 PAVEMENT REMOVAL
- 2 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- 3 TOPSOIL EXCAVATION 12" (EXCAV PORTION OF TS EXCAV & PLACEMENT)
- 4 EARTH EXCAVATION
- 5 EMBANKMENT (STRUCTURAL - EARTH EXCAV. OR FURN. EXCAV)
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- 17 COMB CONC C & G, TYPE M-2.12 - SEE TRUCK APRON
- 18 DRIVEWAY PAVEMENT REMOVAL
- 19 PORTLAND CEMENT CONCRETE PAVEMENT 9"
- 20 STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 9"
- 21 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- 22 SELECT GRANULAR BACKFILL, SPECIAL
- 23 STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 6"
- 24 TOPSOIL PLACEMENT 4"
- 25 FILTER FABRIC
- 26 LANDSCAPING GRAVEL
- 27 PORTLAND CEMENT CONCRETE SHOULDERS, 9"



PROPOSED IL ROUTE 162 TYPICAL
STA 553+21.61 TO STA 553+59.81

* EQUAL TO 8% - TRAVELED LANE
SUPERELEVATION SLOPE
VARIES 2.9% TO 3.5% IN THIS SECTION



PROPOSED IL ROUTE 162 TYPICAL
STA 551+59.81 TO STA 553+21.61

* EQUAL TO 8% - TRAVELED LANE
SUPERELEVATION SLOPE
VARIES 3.2% TO 2.8% IN THIS SECTION

** EQUAL TO TRAVELED LANE
SUPERELEVATION SLOPE
VARIES 4% TO 5.5% IN THIS SECTION

PROPOSED TYPICAL SECTIONS
IL ROUTE 162

SCALE: 1"=5' SHEET 4 OF 5 SHEETS

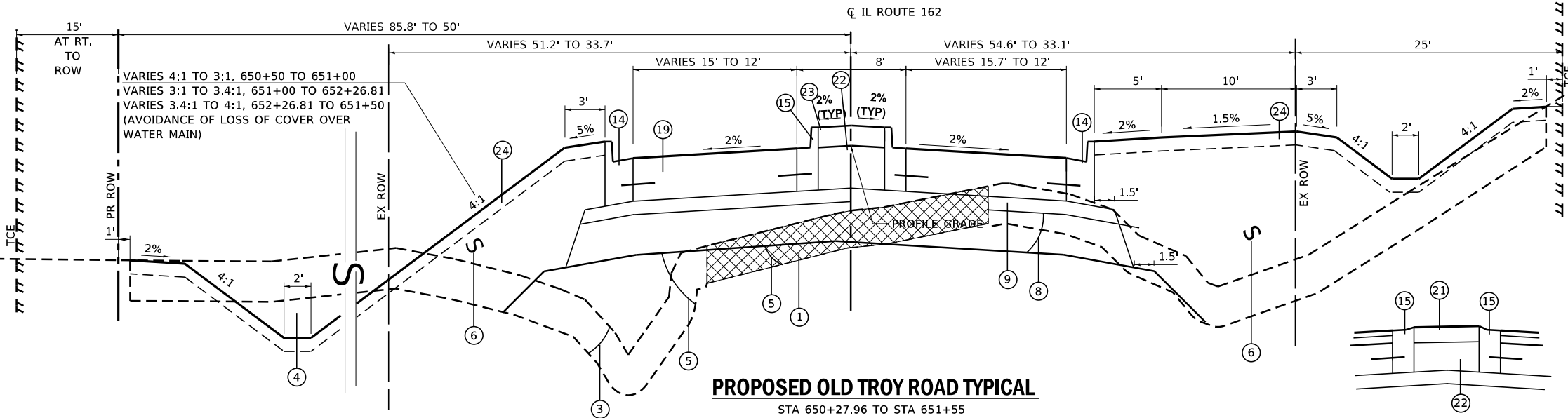
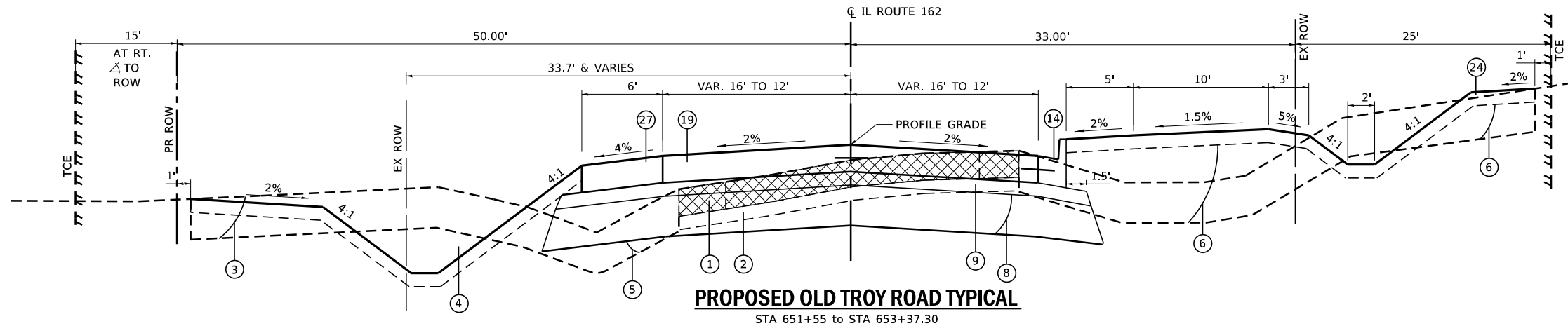
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	21
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	



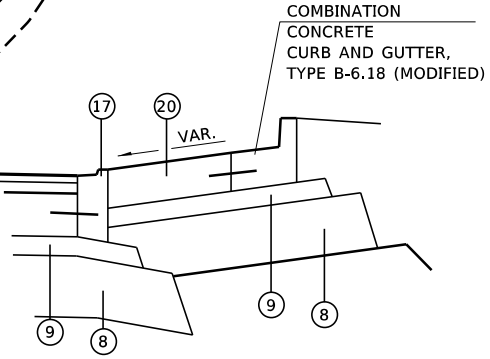
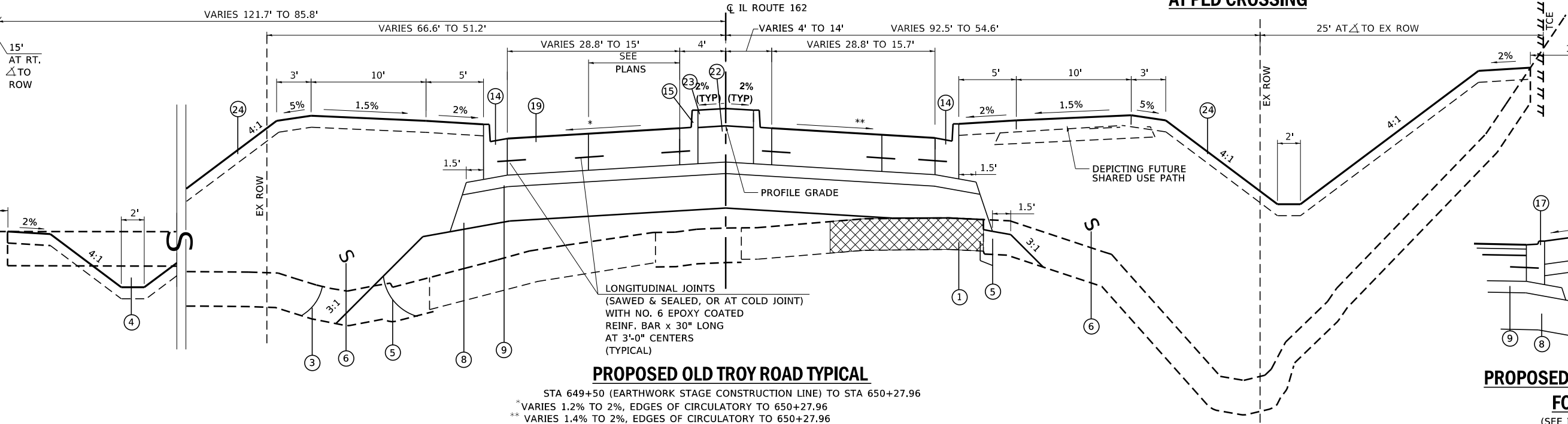
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/11/2025	DATE -	REVISED -

MODEL: Typ 01
FILE NAME: S:\01053411\B-0015-04HY_IL_162_and_Old_Troy_Rd_Roundabout\Design\CADD_Sheets\DRAP596-sit-ULLCLOSURE-prod_typical.dgn



**PROPOSED TREATMENT
AT PED CROSSING**

25' AT Δ TO EX ROW



**PROPOSED TRUCK APRON TYPICAL
FOR WB RT TURN**
(SEE INTERSECTION DETAILS)

LEGEND

- 1 PAVEMENT REMOVAL
- 2 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- 3 TOPSOIL EXCAVATION 12" (EXCAV PORTION OF TS EXCAV & PLACEMENT)
- 4 EARTH EXCAVATION
- 5 EMBANKMENT (STRUCTURAL - EARTH EXCAV. OR FURN. EXCAV)
- 6 EMBANKMENT (PLACEMENT PORTION OF TS EXCAV & PLACEMENT)
- 7 AGGREGATE SUBGRADE IMPROVEMENT (RR1)
- 8 SUBBASE GRANULAR MATERIAL, TYPE B 12", & TON ITEM, SOME AREAS
- 9 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- 10 AGGREGATE BASE COURSE, TYPE A 8 INCH
- 11 BITUMINOUS MATERIALS (PRIME COAT)
- 12 HOT-MIX ASPHALT SHOULDERS, 9 INCH
- 13 AGGREGATE SHOULDERS, TYPE B 9"
- 14 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 15 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
- 16 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 (MODIFIED)
- 17 COMB CONC C & G, TYPE M-2.12 - SEE TRUCK APRON
- 18 DRIVEWAY PAVEMENT REMOVAL
- 19 PORTLAND CEMENT CONCRETE PAVEMENT 9"
- 20 STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 9"
- 21 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- 22 SELECT GRANULAR BACKFILL, SPECIAL
- 23 STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 6"
- 24 TOPSOIL PLACEMENT 4"
- 25 FILTER FABRIC
- 26 LANDSCAPING GRAVEL
- 27 PORTLAND CEMENT CONCRETE SHOULDERS, 9"

MODEL: TYP 05
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/11/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
OLD TROY ROAD

SCALE: 1"=5' SHEET 5 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	22
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

PROP CURVE WPROIL162_1
PI STA = 546+00.00
 $\Delta = 10^{\circ}06'54''$ (LT)
D = 8°29'18"
R = 675.00'
T = 59.74'
L = 119.16'
E = 2.64'
S.E. = NA*
TANGENT RUNOUT = NA*
S.E. RUNOFF = NA*
P.C. STA = 545+40.26
P.T. STA = 546+59.43

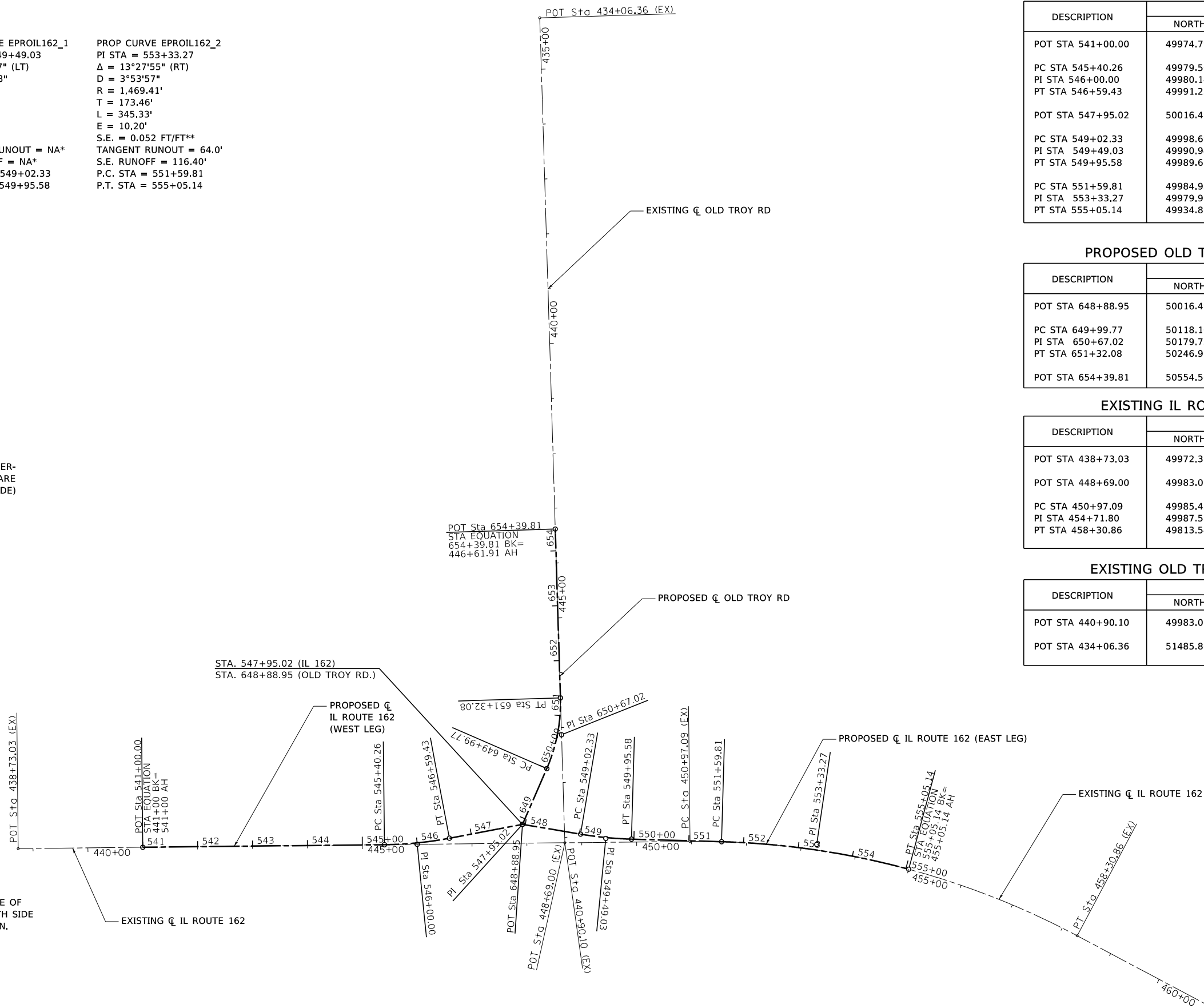
PROP CURVE EPROIL162_1
PI STA = 549+49.03
 $\Delta = 7^{\circ}54'57''$ (LT)
D = $8^{\circ}29'18''$
R = 675.00'
T = 46.70'
L = 93.25'
E = 1.61'
S.E. = NA*
TANGENT RUNOUT = NA*
S.E. RUNOFF = NA*
P.C. STA = 549+02.33
P.T. STA = 549+95.58

PROP CURVE EPROIL162_2
PI STA = 553+33.27
 $\Delta = 13^{\circ}27'55''$ (RT)
D = $3^{\circ}53'57''$
R = 1,469.41'
T = 173.46'
L = 345.33'
E = 10.20'
S.E. = 0.052 FT/FT**
TANGENT RUNOUT = 64.0'
S.E. RUNOFF = 116.40'
P.C. STA = 551+59.81
P.T. STA = 555+05.14

```
PROP CURVE PROOLDTROYRD_3
PI STA = 650+67.02
Δ = 25°16'12" (LT)
D = 19°05'55"
R = 300.00'
T = 67.25'
L = 132.31'
E = 7.45'
S.E. = NA*
TANGENT RUNOUT = NA*
S.E. RUNOFF = NA*
P.C. STA = 649+99.77
P.T. STA = 651+32.08
```

*CURVE IN ROUNDABOUT APPROACH,
NO S.E. DUE TO LOWER DESIGN SPEEDS

****MAXIMUM S.E. = 0.052 FT/FT.**
EASTMOST PROJECT TERMINI IS WITHIN
THE IL 162 HORIZONTAL CURVE, IN FULL SUPER-
ELEVATION, SO EXISTING SUPERELEVATIONS ARE
MATCHED (0.046 ' /' LT SIDE + 0.059 ' /' RT SIDE)



BENCHMARK "2020-1B"
CUT "X" ON FLANGE BOLT ON FIRE HYDRANT, OUTSIDE OF
FENCED AREA OF CITY OF TROY PUMP STATION, NORTH SIDE
OF IL 162 AND NORTH OF KENNEDY DR. INTERSECTION,
(BOOK# FA586/30)
ELEV 577.860

BENCHMARK "2020"
BRASS DISK IN PVMT @ CENTERLINE IL 162,
STA. 10+09.74, 48.86' LT, EL. 578.56

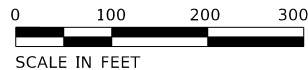
BENCHMARK "TBM"
RR SPIKE IN P.POLE STA. 10+49, 112' LT, EL. 575.86

PROPOSED IL ROUTE 162		
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 541+00.00	49974.7990	49279.6630
PC STA 545+04.26	49979.5023	49719.9010
PI STA 546+00.00	49980.1404	49779.6345
PT STA 546+59.43	49991.2592	49838.3274
POT STA 547+95.02	50016.4966	49971.5487
PC STA 549+02.33	49998.6952	50077.3728
PI STA 549+49.03	49990.9480	50123.4275
PT STA 549+95.58	49989.6171	50170.1103
PC STA 551+59.81	49984.9371	50334.2710
PI STA 553+33.27	49979.9938	50507.6642
PT STA 555+05.14	49934.8110	50675.1400

PROPOSED OLD TROY ROAD		
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 648+88.95	50016.4966	49971.5487
PC STA 649+99.77	50118.1015	50015.7940
PI STA 650+67.02	50179.7596	50042.6439
PT STA 651+32.08	50246.9792	50040.6035
POT STA 654+39.81	50554.5657	50031.2668

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 438+73.03	49972.3750	49052.7030
POT STA 448+69.00	49983.0140	50048.6190
PC STA 450+97.09	49985.4500	50276.6990
PI STA 454+71.80	49987.5160	50659.2260
PT STA 458+30.86	49813.5440	50982.2260

EXISTING OLD TROY ROAD		
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 440+90.10	49983.0140	50048.6190
POT STA 434+06.36	51485.8630	50002.9950



MODEL: Alignment Sheet
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**LOCHMUELLER
GROUP**
103 West Vandalia St #100
Edwardsville, IL 62025
PHONE: 618.667.1400

USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/19/2025	DATE -	REVISED -

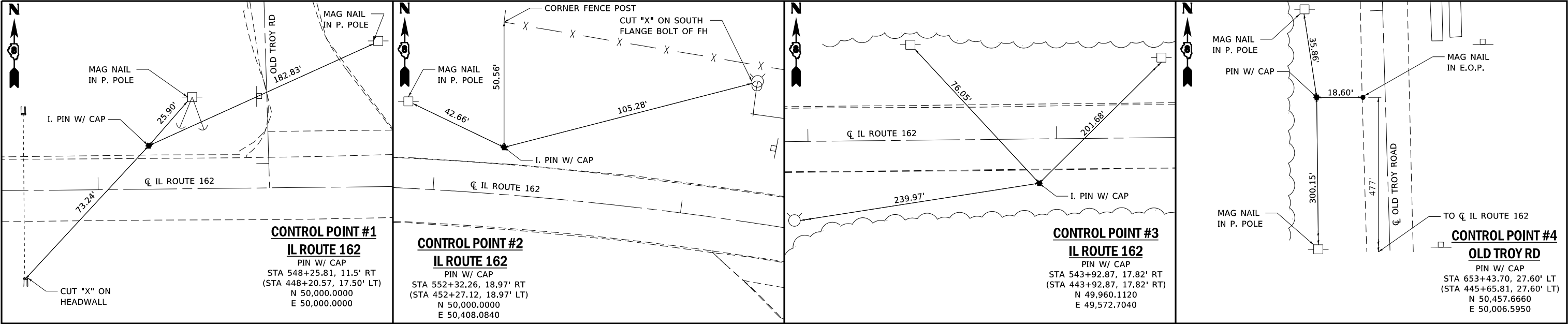
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIE POINTS AND BENCHMARKS

SCALE:	SHEET	OF	2	SHEETS
--------	-------	----	---	--------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	23
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		

MODEL: TIE_01
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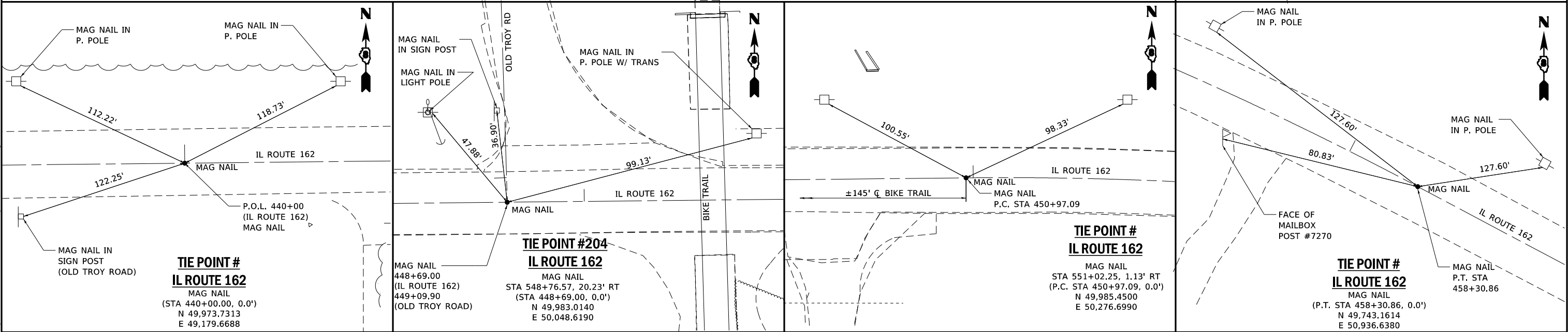
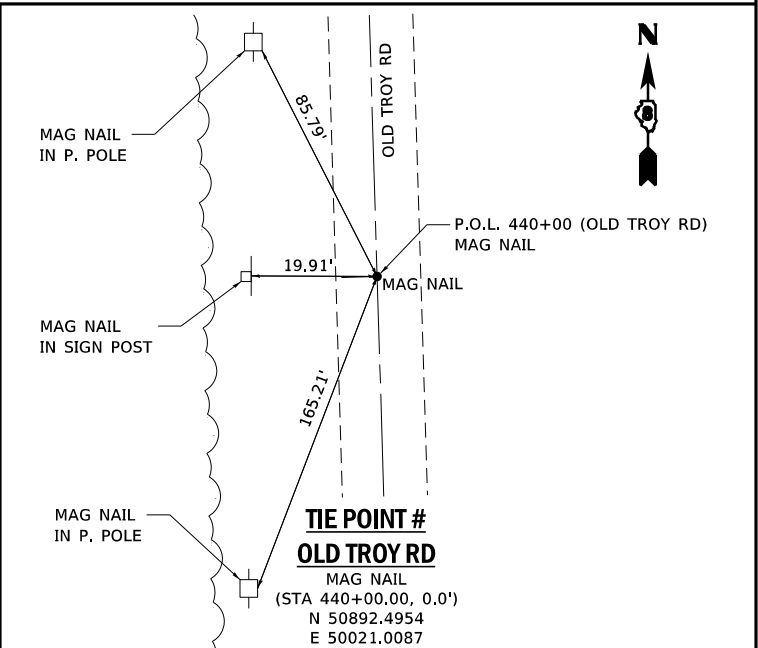
NOTE:

IDOT ESTABLISHED THE ORIGINAL TIE POINTS FOR THE EXISTING ALIGNMENTS OF ILLINOIS 162 AND OLD TROY ROAD (400+00 STATIONING SERIES), AND THE ADDITIONAL TRAVERSE STATIONS AND CONTROLS SHOWN HEREIN.

IDOT ESTABLISHED THE PROPOSED ALIGNMENTS. THERE ARE NO TIE POINTS ESTABLISHED TO THESE ALIGNMENT PC'S, PT'S, ETC.

PROPOSED ALIGNMENTS ARE IN CADD, FILES FOR WHICH WILL BE PROVIDED TO THE CONTRACTOR ALONG WITH PHYSICAL KEY ALIGNMENT POINTS.

THE CONTRACTOR IS MADE AWARE THAT SOME TIE POINT MONUMENTS, SUCH AS POWER POLES, WILL HAVE BEEN ELIMINATED OR RELOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR WILL BE PROVIDED WITH INFORMATION TO ESTABLISH BENCHES AND KEY ALIGNMENT POINTS SO THE CONTRACTOR CAN FURTHER ESTABLISH THEIR OWN CONTROLS SUBSEQUENTLY.



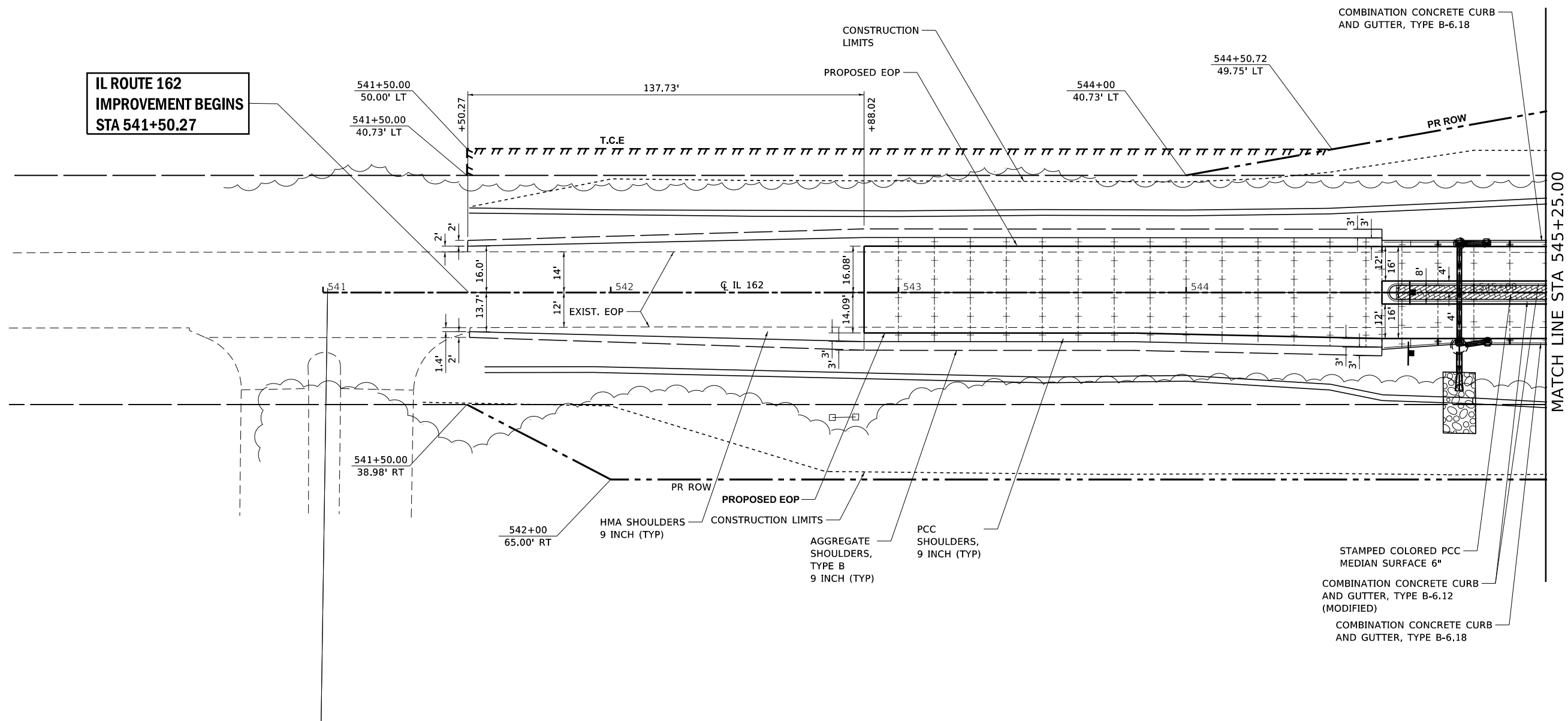
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PLOT DATE = 8/12/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TIE POINTS AND BENCHMARKS
IL ROUTE 162 AND OLD TROY ROAD**

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

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	24
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		



MODEL: sheet 1
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

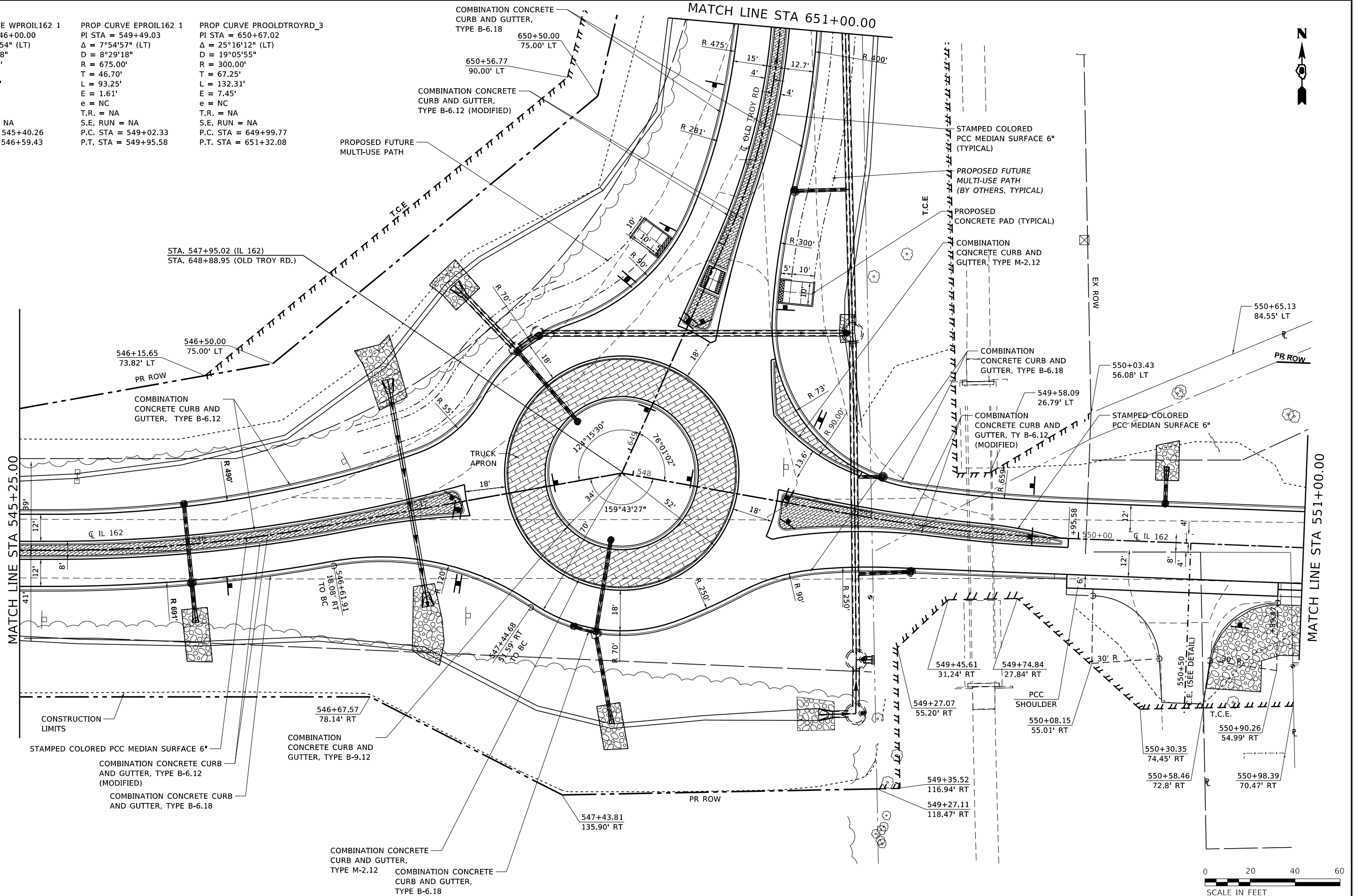
PLAN VIEW IL ROUTE 162 AND OLD TROY ROAD		
SCALE: 1"=20'	SHEET 1 OF 4 SHEETS	STATION 542+88.02 TO STATION 545+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	25
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

PROP CURVE WPROIL162 1
PI STA = 546+00.00
Δ = 10°06'54" (LT)
D = 8°29'18"
R = 675.00'
T = 59.74'
L = 119.16'
E = 2.64'
e = NC
T.R. = NA
S.E. RUN = NA
P.C. STA = 545+40.26
P.T. STA = 546+59.43

PROP CURVE EPROIL162 1
PI STA = 549+49.03
Δ = 7°54'57" (LT)
D = 8°29'18"
R = 675.00'
T = 46.70'
L = 93.25'
E = 1.61'
e = NC
T.R. = NA
S.E. RUN = NA
P.C. STA = 549+02.33
P.T. STA = 549+95.58

PROP CURVE PROOLDTROYRD_3
PI STA = 650+67.02
Δ = 25°16'12" (LT)
D = 19°05'55"
R = 300.00'
T = 67.25'
L = 132.31'
E = 7.45'
e = NC
T.R. = NA
S.E. RUN = NA
P.C. STA = 649+99.77
P.T. STA = 651+32.08



MODEL: sheet 2
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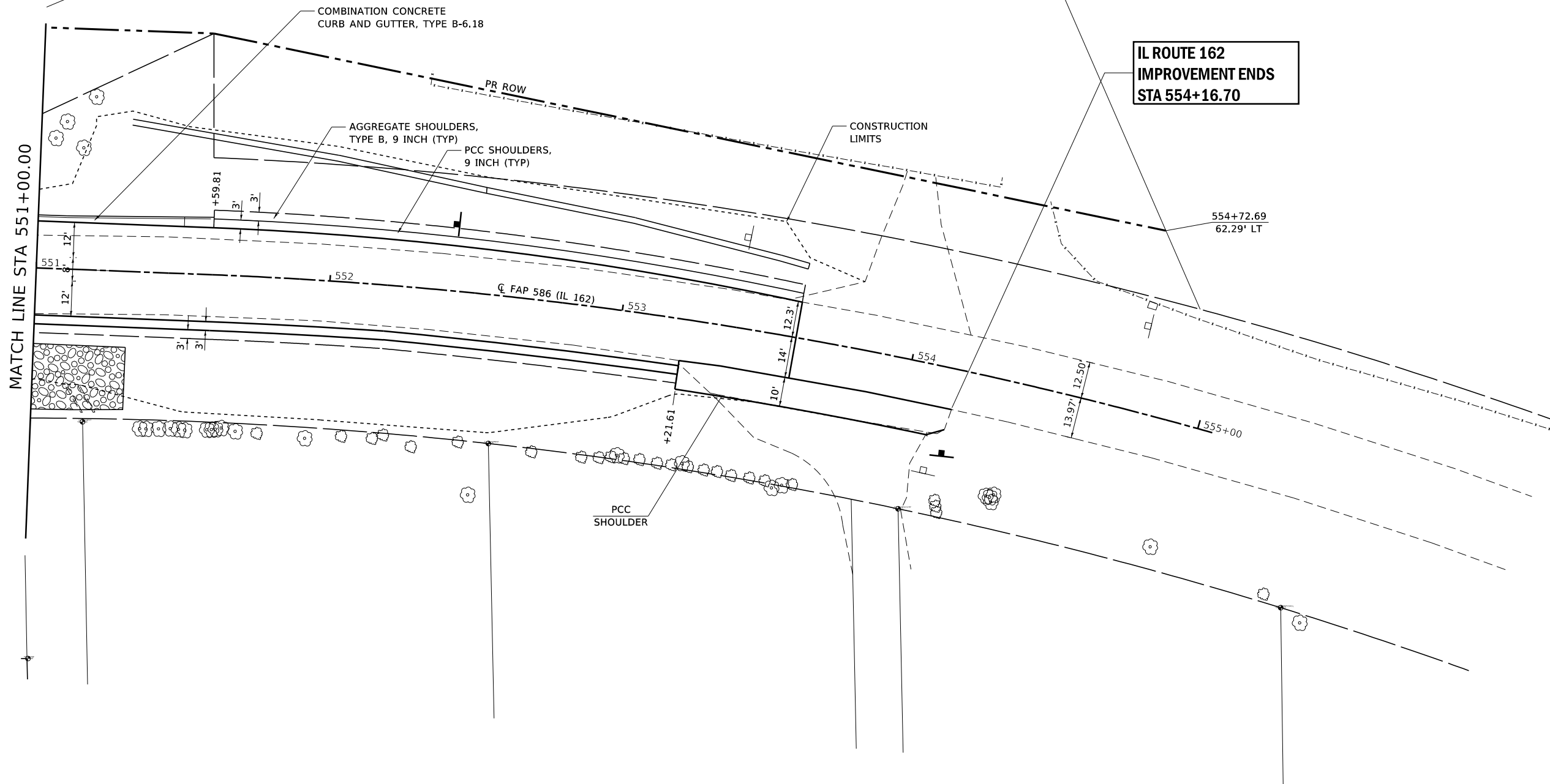
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STATION 545+25.00 TO STATION 551+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	26
* FAP-586/FAU 8898		CONTRACT NO. 97877		
	ILLINOIS	FED. AID PROJECT		

PROP CURVE EPROIL162 2
PI STA = 553+33.27
Δ = 13°27'55" (RT)
D = 3°53'57"
R = 1,469.41'
T = 173.46'
L = 345.33'
E = 10.20'
e = 5.27
T.R. = 64'
S.E. RUN = 166.4'
P.C. STA = 551+59.81
P.T. STA = 555+05.14



MODEL: sheet 3
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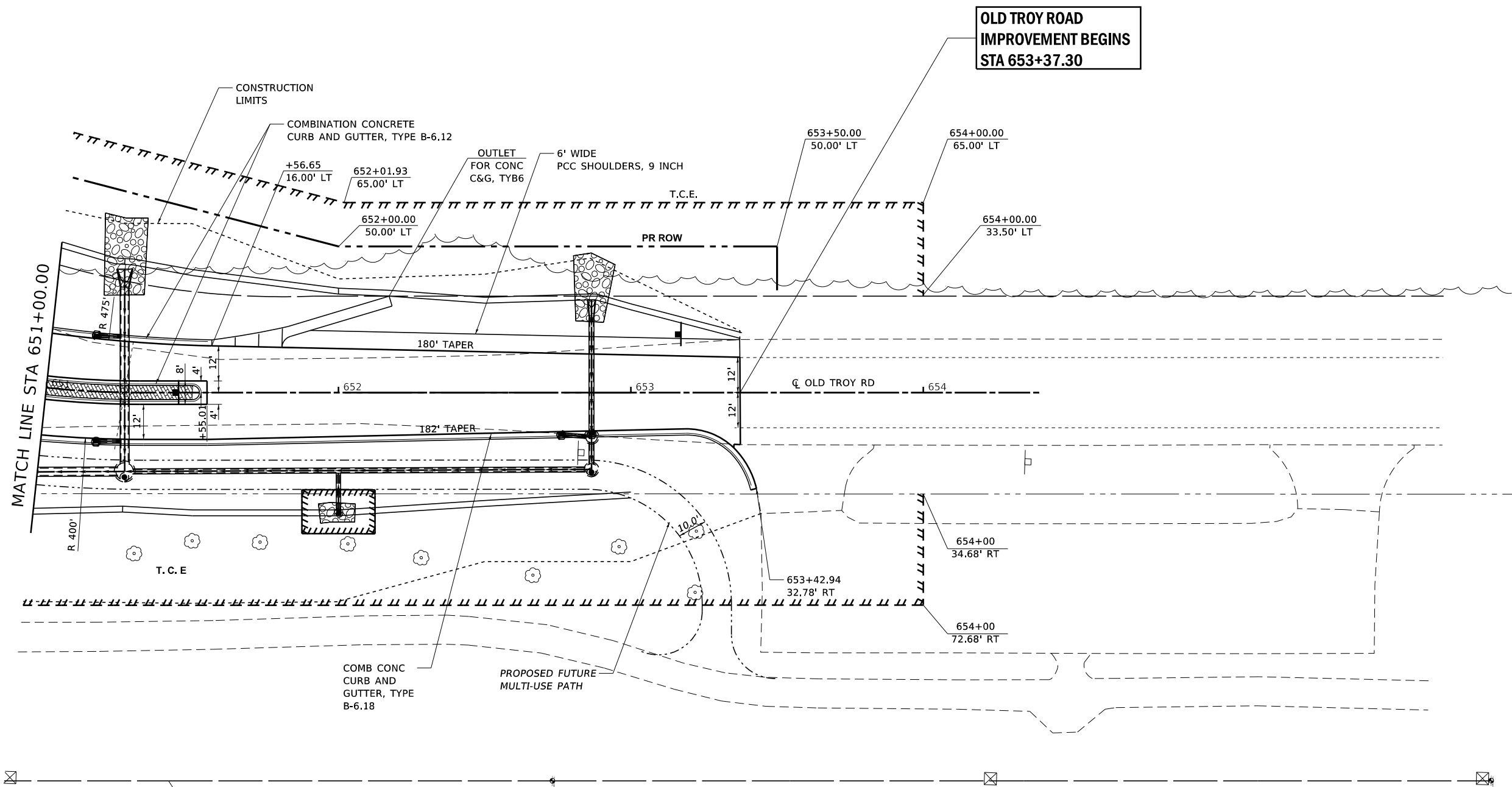
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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STATION 551+00.00 TO STATION 553+59.81

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	27
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	



MODEL: sheet 4
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DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW
IL ROUTE 162 AND OLD TROY ROAD

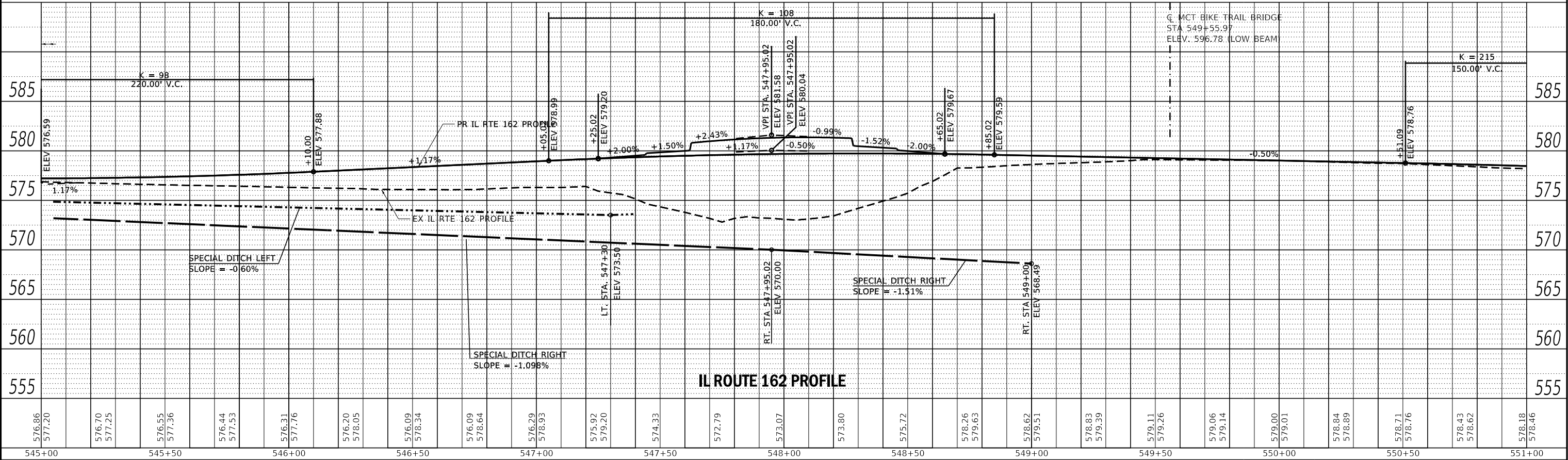
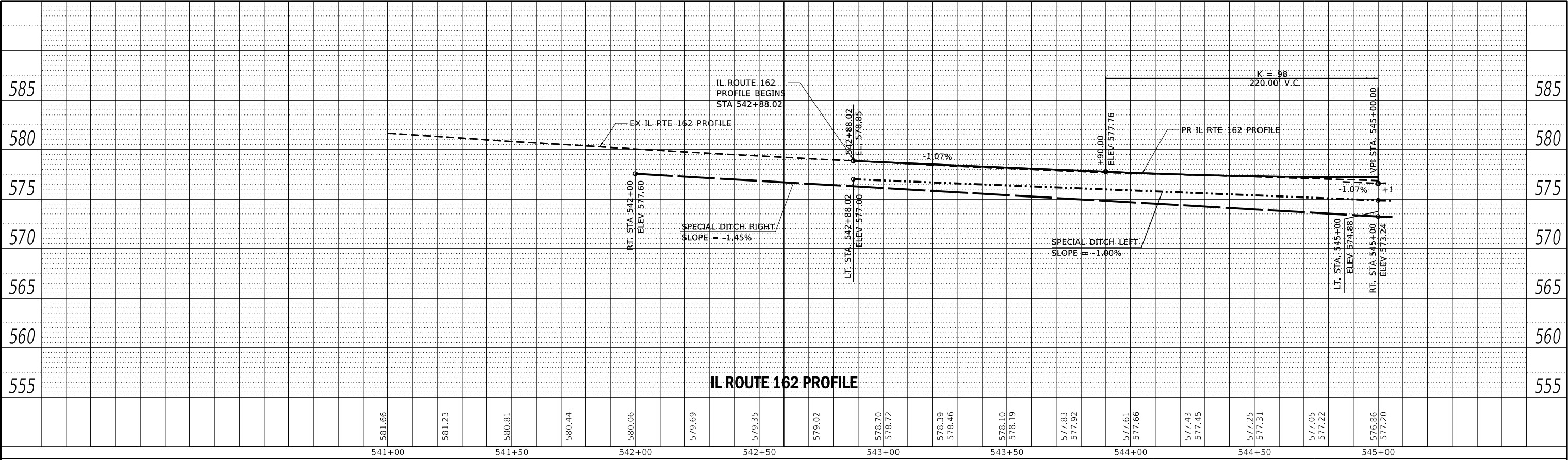
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	28
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

PLAN	SURVEYED PLOTTED ALIGNED CHECKED NO.	BY	DATE

PROFILE	SURVEYED PLOTTED GRADES CHECKED NOTE BOOK NO.	BY	DATE

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DESIGNED -
DRAWN -
PLOT SCALE = 40.0000 ' / in.
CHECKED -
DATE - 8/12/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROFILE VIEW
IL ROUTE 162

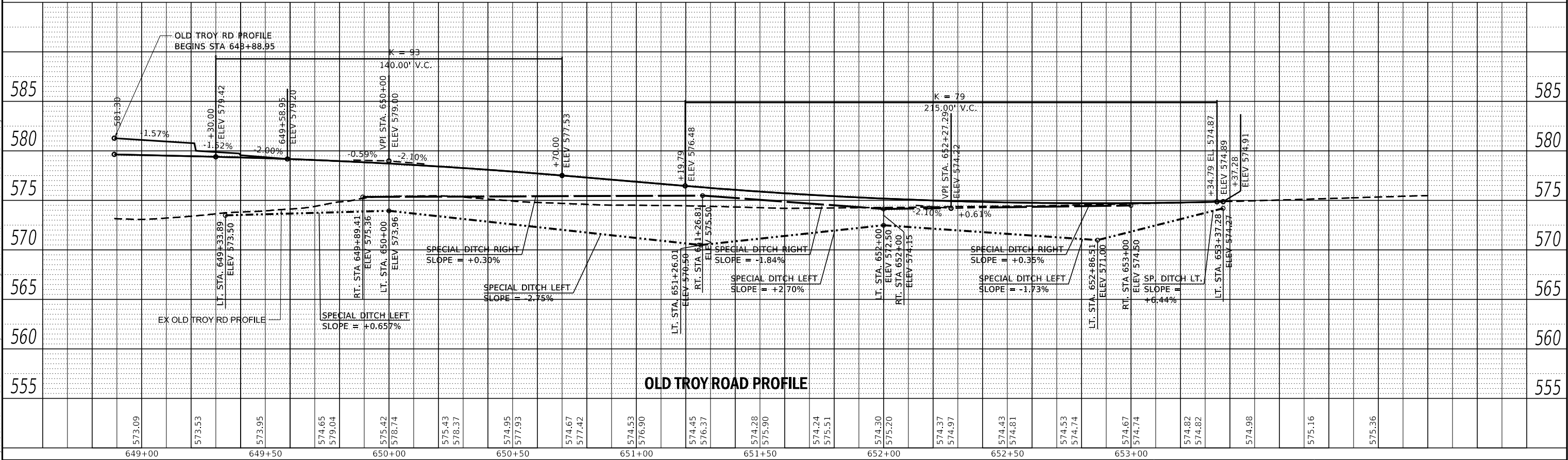
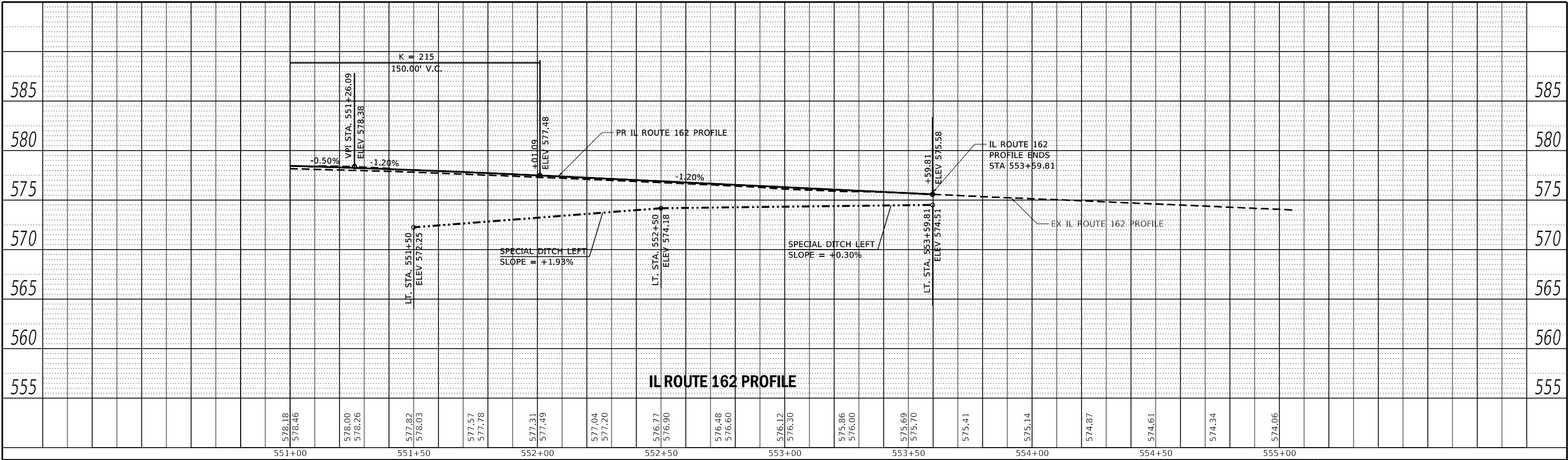
SCALE: 1"=20' SHEET 1 OF 2 SHEETS STATION 542+88.02 TO STATION 551+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	29
* FAP 586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED STRUCTURE NOTATION CHKD CADD FILE NAME NO.	BY	DATE

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

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PLOT DATE = 8/12/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROFILE VIEW
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STATION 648+88.95 TO STATION 653+43.95

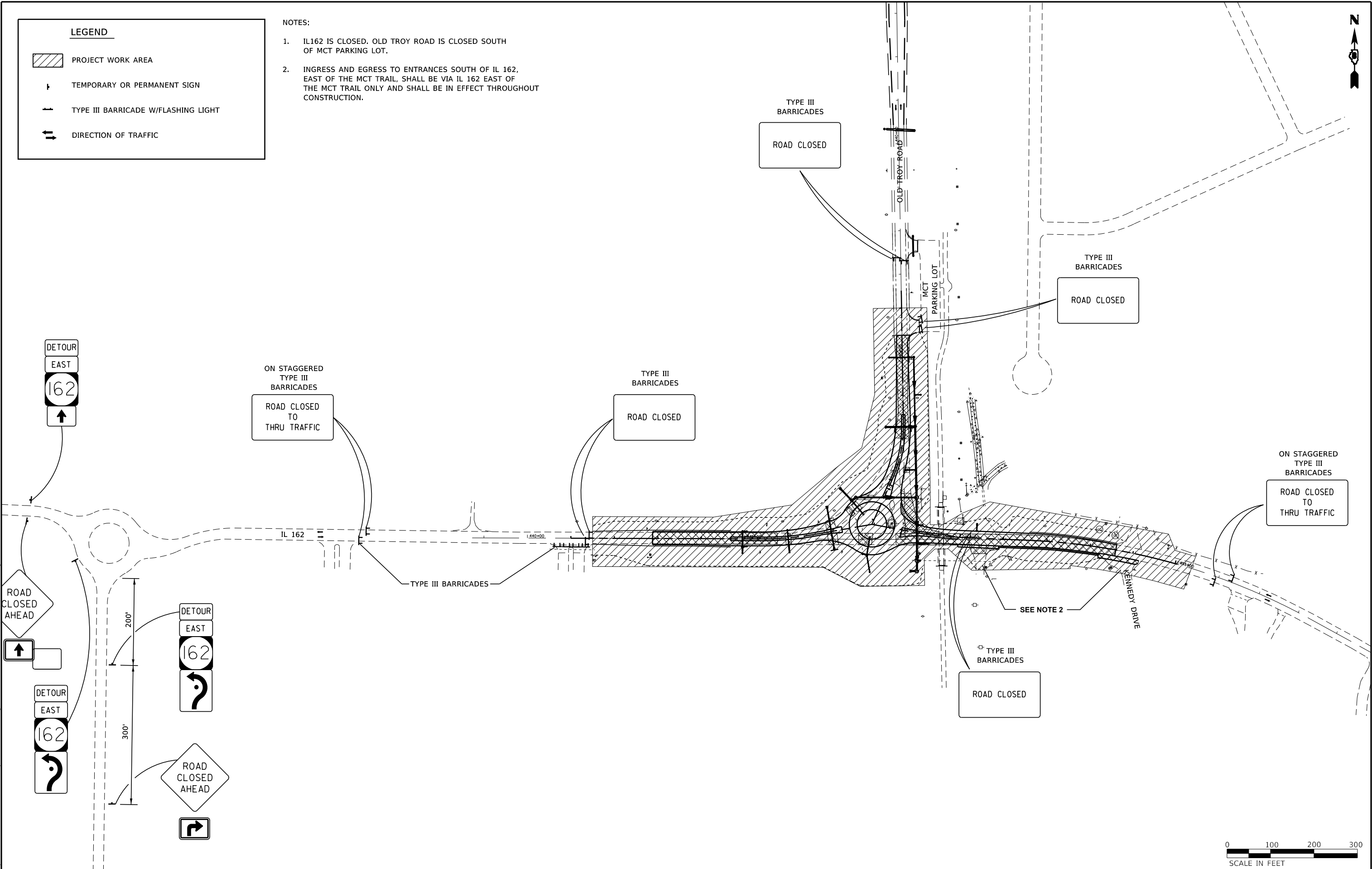
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	30
* FAP 586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		

LEGEND

-  PROJECT WORK AREA
-  TEMPORARY OR PERMANENT SIGN
-  TYPE III BARRICADE W/FLASHING LIGHT
-  DIRECTION OF TRAFFIC

NOTES:

1. IL162 IS CLOSED. OLD TROY ROAD IS CLOSED SOUTH OF MCT PARKING LOT.
2. INGRESS AND EGRESS TO ENTRANCES SOUTH OF IL 162, EAST OF THE MCT TRAIL, SHALL BE VIA IL 162 EAST OF THE MCT TRAIL ONLY AND SHALL BE IN EFFECT THROUGHOUT CONSTRUCTION.



MODEL 09 Full Closure
FILE NAME: S:\03\3441B\0015-0HY IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRAP586-rht-FULLCLOSURE-MOT2Plan.dgn



USER NAME = Chris.Wilson
PLOT SCALE = 200.0000 ' / in.
PLOT DATE = 8/12/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 162 AND OLD TROY ROAD
MAINTENANCE OF TRAFFIC - PROJECT LIMITS

SCALE: 1"=100'

SHEET 2 OF 3 SHEETS

Full Closure Proj Limits

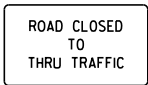
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*	17-00034-00-PV	MADISON	80	32
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL 07 Legend
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W20-3(01)-48

①



R11-4

②



M4-9-2412
M3-1-2412
M1-5
M6-1R-2115

③



M4-9-2412
M3-1-2412
M1-5
M6-2R-2115

④



M4-9-2412
M3-1-2412
M1-5
M5-1R-2115

⑤



M4-9-2412
M3-1-2412
M1-5
M5-2R-2115

⑥



M4-9-2412
M3-1-2412
M1-5
M6-3-2115

⑦



M4-9-2412
M3-3-2412
M1-5
M5-1R-2115

⑧



M4-9-2412
M3-3-2412
M1-5
M5-2R-2115

⑨



M4-8A-2418
M3-3-2412
M1-5

⑩



M4-9-2412
M3-1-2412
M1-5
M6-1L-2115

⑪



M4-9-2412
M3-3-2412
M1-5
M6-1R-2115

⑫



M4-9-2412
M3-3-2412
M1-5
M6-2R-2115

⑬



M4-9-2412
M3-3-2412
M1-5
M6-3-2115

⑭



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M3-3-2412
M1-5
M5-1L-2115

⑮



M4-9-2412
M3-3-2412
M1-5
M6-1L-2115

⑯



M3-3-2412

⑰



M3-3-2412

⑱



M3-3-2412

⑲



M1-5
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M6-3-2115

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M1-5
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M5-1L-2115

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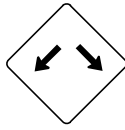
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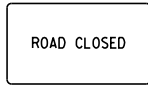
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W12-1

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R11-2

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USER NAME = Chris.Wilson
DESIGNED -
DRAWN -
PLOT SCALE = 200.0000 ' / in.
PLOT DATE = 9/30/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 162 AND OLD TROY ROAD
LEGEND

SCALE: SHEET 3 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	33
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		

LEGEND

TEMPORARY EROSION CONTROLS

- TREE TRUNK PROTECTION
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER

PERMANENT EROSION CONTROLS

- CLEARING AND GRUBBING
- SEEDING, CLASS 1A
- STONE DUMPED RIPRAP, CLASS A3 OVER BEDDING (AGGREGATE BASE COURSE, TYPE A MATERIAL IN A 6" LIFT - INCLUDED W/RIPRAP UNIT PRICE) OVER FILTER FABRIC

IL ROUTE 162
IMPROVEMENT BEGINS
STA 541+50.27

+50.00
50' LT

+50.72
49.75' LT

CL IL ROUTE 162

541

542

543

544

+32.00
31' RT

+50.00
65' RT

MATCH LINE STA 545+00.00



SCALE IN FEET



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
IL ROUTE 162 AND OLD TROY ROAD

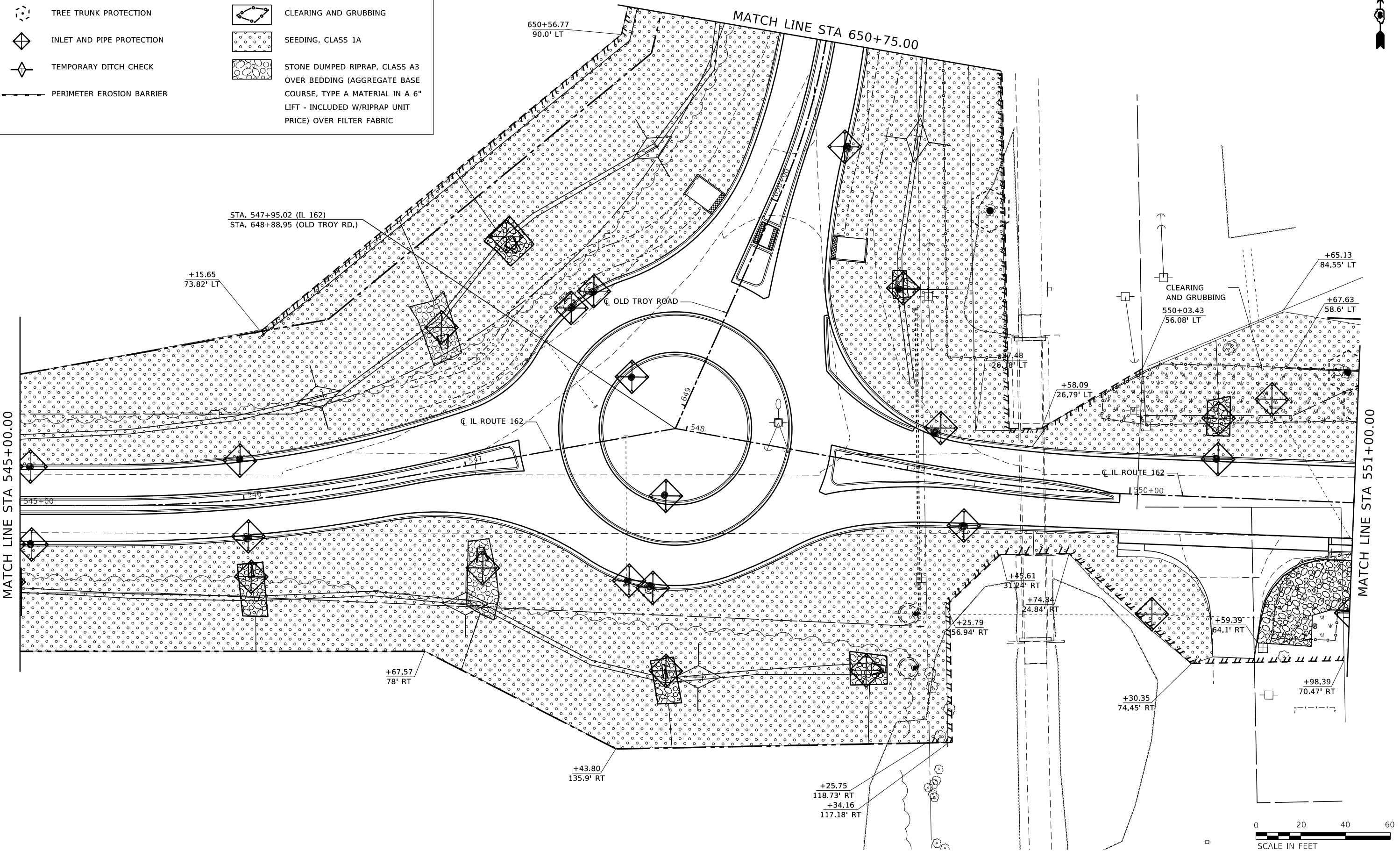
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	34
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: sheet 1
FILE: I:\MATS_S\Projects\418-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CADD_Sheets\DRAP586-shr-FULLCLOSURE-Erosion_Control.dgn

LEGEND

TEMPORARY EROSION CONTROLS		PERMANENT EROSION CONTROLS	
	TREE TRUNK PROTECTION		CLEARING AND GRUBBING
	INLET AND PIPE PROTECTION		SEEDING, CLASS 1A
	TEMPORARY DITCH CHECK		STONE DUMPED RIPRAP, CLASS A3
	PERIMETER EROSION BARRIER	OVER BEDDING (AGGREGATE BASE COURSE, TYPE A MATERIAL IN A 6" LIFT - INCLUDED W/RIPRAP UNIT PRICE) OVER FILTER FABRIC	



 103 West Vanatta St #100 Evanston, IL 62025 PHONE: 618.667.1400	USER NAME = Chris.Wilson		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL IL ROUTE 162 AND OLD TROY ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		DESIGNED -	REVISED -					*	17-00034-00-PV	MADISON	80	35
	PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -					* FAP-586/FAU 8898		CONTRACT NO. 97877		
	PLOT DATE = 10/15/2025		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE: 1"=20'		SHEET 2 OF 4 SHEETS		STATION 545+00.00 TO STATION 551+00.00									

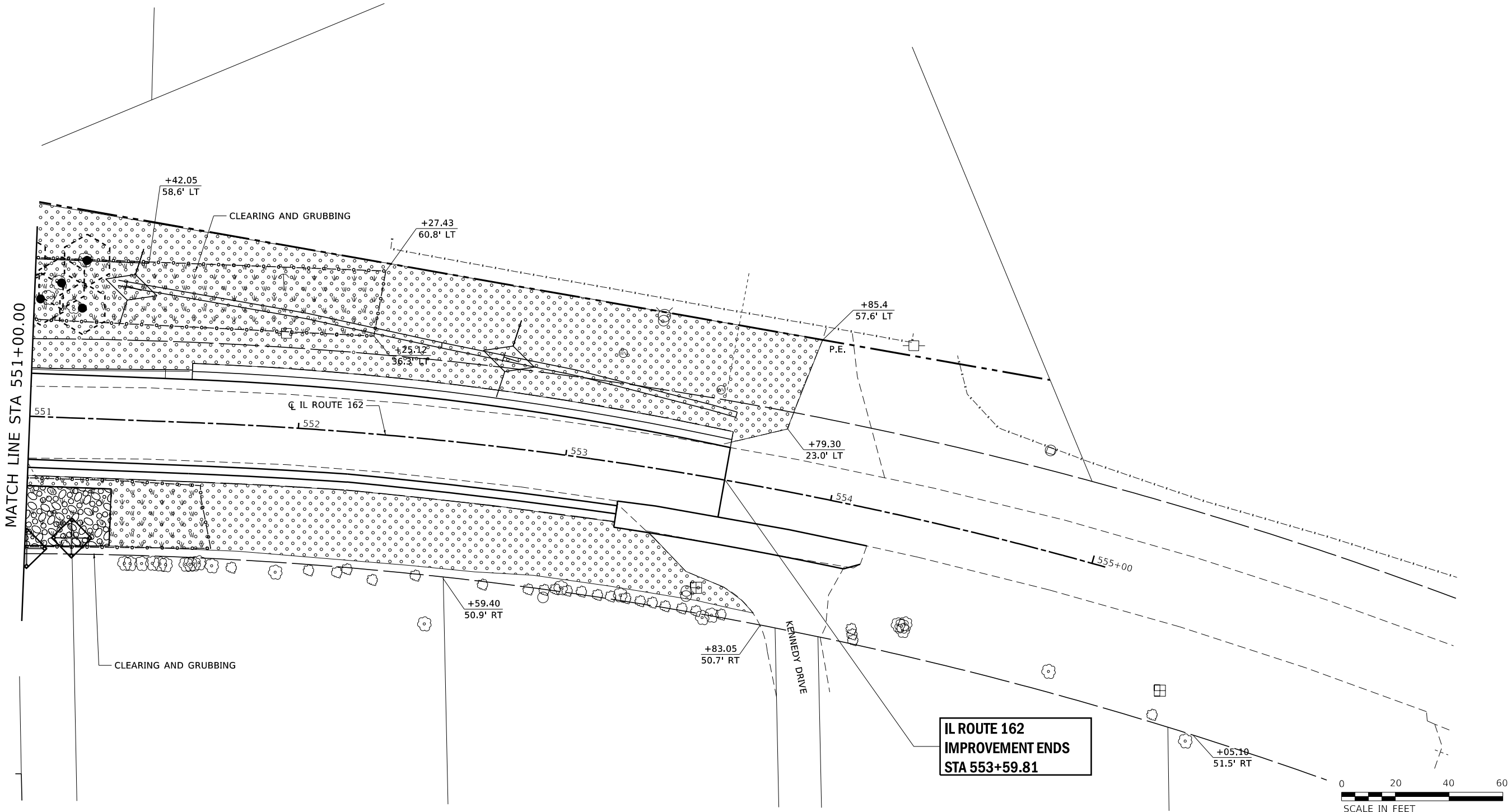
LEGEND

TEMPORARY EROSION CONTROLS

- TREE TRUNK PROTECTION
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER

PERMANENT EROSION CONTROLS

- CLEARING AND GRUBBING
- SEEDING, CLASS 1A
- STONE DUMPED RIPRAP, CLASS A3 OVER BEDDING (AGGREGATE BASE COURSE, TYPE A MATERIAL IN A 6" LIFT - INCLUDED W/ RIPRAP UNIT PRICE) OVER FILTER FABRIC



MODEL: sheet 3
FILE: I:\MTE_S\Projects\418-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CADD_Sheets\DRAP586-shr-EULLCLOSURE-Erosion_Control.dgn



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 8/12/2025	DATE -	REVISED -

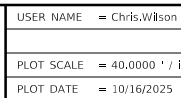
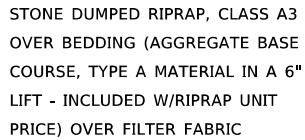
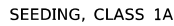
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STATION 551+00.00 TO STATION 553+59.81

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	36
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

PERMANENT EROSION CONTROLS



DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

DESIGNED	-
DRAWN	-
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DATE	-

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DRAWN	-
CHECKED	-
DATE	-

DESIGNED	-
DRAWN	-
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20'

SHEET 4 OF 4 SHEETS

STATION 650+75.00 TO STA 653+95.95

	F.A.P. RTE.
	*
	* []

SECTION	
17-00034-00-PV	
FAU 8898	
	ILLINOIS

COUNTY
MADISON
CONTRACT
PROJECT

TOTAL SHEETS	SHEET NO.
80	37

NO. 97877

ILLINOIS	FED. AID PROJECT
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- (PRC1) STA 549+00.00, 90.1' RT TO USFL P.R.C. FL. END SECTION, 30" (W/TOEWALL) USFL 568.60
- (PRC2) STA 547+36.54, 95.2' LT TO DSFL STA 649+34.72, 101.93' LT TO DSFL PRC FL END SECTION, 24" (W/TOEWALL) USFL 573.50
- (PRC5) STA 547+71.13, 108.71' RT STA 548+10.30, 110.26' RT PRECAST REINFORCED CONCRETE FLARED END SECTION, 12" (W/TOEWALL) DSFL 570.00

- (PRC6) STA 547+00, 43.2' RT PRECAST REINFORCED CONCRETE FLARED END SECTION, 24" (W/TOEWALL) DSFL 574.44
- (PRC7) STA 547+00, 59.18' LT TO USFL PRECAST REINFORCED CONCRETE FLARED END SECTION, 24" (W/TOEWALL) USFL 575.08
- (PRC8) STA 546+00.19, 34.89' RT TO DSFL PRECAST REINFORCED CONCRETE FLARED END SECTION, 12" (W/TOEWALL) DSFL 574.06
- (PRC9) STA 544+94.92, 34.2' RT TO DSFL PRECAST REINFORCED CONCRETE FLARED END SECTION, 15" (W/TOEWALL) DSFL 573.36

NOTE:
LEAVE EX CULVERT IN PLACE UNTIL
PROP SS IS INSTALLED ACROSS OLD TROY RD
PAVEMENT REMOVAL, 28.0 SY
SS REMOVAL, 36.8', SGBF, SP, 12.3 CY

SS, RB CLASS A, TY 1, 12",
33.0' @ 0.72%
SGBF, SP, 9.7 CY

SS, CL A., TY 1, 24",
90.1' @ 0.62%,
SGBF, SP, 14.0 CY

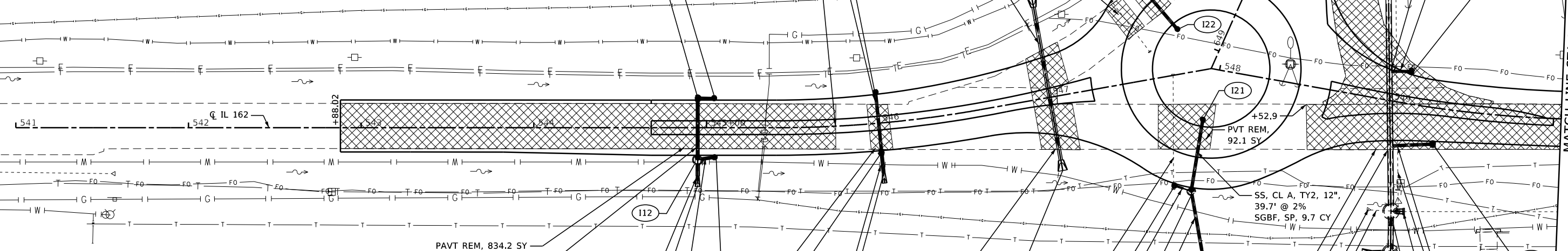
SS, CL A, TY 2, 24",
8' @ 2.39%,
SGBF, SP, 5.5 CY

PAVEMENT
REMOVAL,
33.8 SY

SS, CLASS A, TY 2, 24"
136.4' @ 2.39%
SGBF, SP, 103.9 CY

SS CONNECTION
CONCRETE COLLAR,
0.7 CY

SS, CLASS A, TY 2,
12", 10.2'
SGBF, SP, 12.9 CY



- (MH1) REMOVE MANHOLE
STA 549+13.64, 62.5' RT TO CTR 2' DIA
STA 549+11.28, 63.2' RT TO CTR 8' DIA
MH, TY A, 8' DIA, W/TY 1 FR & CL LID
TOP 575.25; TOP SLAB 572.92
N, S, E INV 568.38 (ALL 30")
INV 567.75 (TO INSURE MH ACCOMMODATES,
FILL BOT. OF MH WITH GROUT, AS NEEDED)
- (MH2) STA 549+17.06, 86.3' RT TO CTR 2' DIA
STA 549+14.52, 86.9' RT TO CTR 8' DIA
MANHOLE, TY A, 8' DIA, W/TY 1 FRAME &
CLOSED LID
TOP 575.17
TOP SLAB 572.84
INV 568.51
- (11) STA 549+28.24, 20.3' RT TO CTR 2' DIA
STA 549+28.29, 20.8' RT TO CTR 3' DIA
INLET, TY B, W/TY 3 FRAME & GRATE
EOP 578.98
INV 569.73
- (12) STA 549+09.59, 18.8' LT TO 3' DIA
STA 549+09.40, 18.5' LT TO 2' DIA
INLET, TY B W/TY 3V FRAME & GRATE
EOP 579.12
INV 569.51

- (13) STA 649+87.54, 68.12' RT
TO CTR 8' DIA MANHOLE, TY A,
8' DIA W/TY 8 GRATE
TOP 575.35
TOP SLAB 573.09
INV 568.92
- (19) STA 649+30.33, 59.6' LT TO CTR 5'
STA 649+29.47, 58.4' LT TO CTR 2'
MANHOLE, TY A, 5' DIA W/ TY 3
FRAME & GRATE
EOP 578.52
INV 572.26
- (110) STA 649+19.91, 65.5' LT TO CTR 5'
STA 649+19.34, 64.4' LT TO CTR 2'
MANHOLE, TY A, 5' DIA W/ TY 3
FRAME & GRATE
EOP 578.44
SE INV 575.23
INV 572.57
- (112) STA 544+94.85, 18.54' RT TO 5' DIA
17.1' RT TO 2' DIA; MH TYA, 5' DIA
W/TY 3 FRAME & GRATE
EOP 576.88; TOP SLAB 576.11
INV 573.90

- (113) STA 545+04.73, 17.09' RT
INLET, TY A, W/TY 3 FRAME
& GRATE
EOP 576.89
INV 574.10
- (114) STA 544+94.93, 17.2' LT TO 2' DIA/3' DIA
INLET, TY B
W/TY 3 FRAME & GRATE
EOP 576.88
TOP SLAB 575.98
INV 574.30
- (115) STA 545+04.41, 17.09' LT
INLET, TY A W/TY 3 FRAME
& GRATE
EOP 576.89
INV 574.42
- (116) STA 546+00, 17.03' RT
TO CTR OF 3' DIA INLET, TY B
W/TY 3V FRAME & GRATE
EOP 577.44
TOP SLAB 576.09
INV 574.19

- (117) STA 545+99.59, 18.1' LT
INLET, TY A W/TY 3V FRAME
& GRATE
EOP 577.42
INV 574.45
- (118) STA 547+71.51, 67.1' RT TO CTR 2' DIA
STA 547+71.16, 68.0' RT TO CTR 4' DIA
MANHOLE, TY A, 4' DIA, W/TY 3 F & G
EOP 578.50
TOP SLAB 574.90
N INV 575.25
W INV 575.25
INV 571.00
- (119) STA 547+62.22, 62.94' RT INLET,
TYPE A W/TY 3 FRAME AND GRATE
EOP 578.39
INV 575.45

- (121) STA 547+85.04,
28.35' RT
INLET, TY A
W/TY 8 GRATE
TOP 580.00
INV 576.50
- (122) STA 649+01.87, 27.25' LT
INLET, TY A, TY 8 GRATE
TOP 580.00
INV 576.50

NOTE:
LEAVE EX CULVERT
IN PLACE UNTIL
PROP SS IS INSTALLED
ACROSS OLD TROY RD
SS REMOVAL,, 70.3',
SGBF, SP, 167.0 CY

SS, CL A, TY 1, 12",
8.0' @ 2%
SGBF, SP, 1.9 CY

SS, RUBBER GASKET,
CL A, TY 2 12"
30.5' @ 2.62%,
SGBF, SP 1.8 CY

PAVT REM,
1,866.9 SY
SS, CL A, TY 3, 30",
138.7' @ 0.37%
SGBF, SPECIAL,
980.7 CY

REMOV EX
FL END SECT
SS REMOV, 13'
(30" RCP)

SS, CL B,
TY 1,
30", 7.2'

SS, CL A, TY 3,
12", 23.0'
SS CONNECTION,
CONC COLLAR, 0.7 CY
SGBF, SP, 14.1 CY

STORM SEWER
REMOVAL,
143.7' (18")

SS, CL B, TY 1,
30", 4.0'; CONC
COLLAR, 1.0 CY

SS, RG, CL A, TY 1,
30", 18.8'



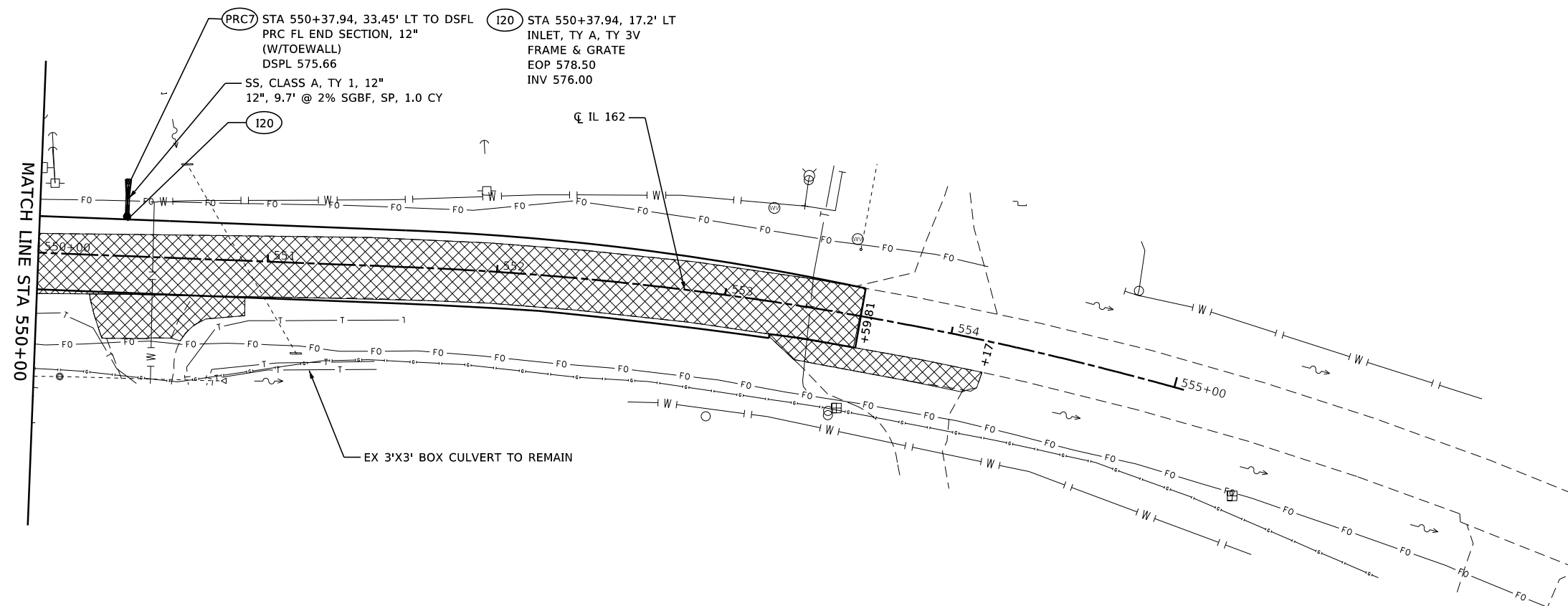
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PLOT DATE = 1/8/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL AND STORM SEWER WORK
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA. 542+88.02 TO STA. 550+00
1"=20'	1	542+88.02 550+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	38
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		



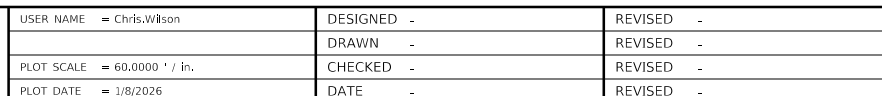
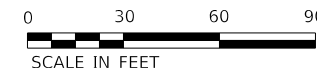
**LOCHMUELLER
GROUP**
103 West Vandalia St #100
Edwardsville, IL 62025
PHONE: 618.667.1400

USER NAME = Chris,Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 60,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/8/2026	DATE -	REVISED -

**REMOVAL AND STORM SEWER WORK
IL ROUTE 162 AND OLD TROY ROAD**

SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA. 550+00 TO STA. 554+17
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	39
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		



**REMOVAL AND STORM SEWER WORK
IL ROUTE 162 AND OLD TROY ROAD**

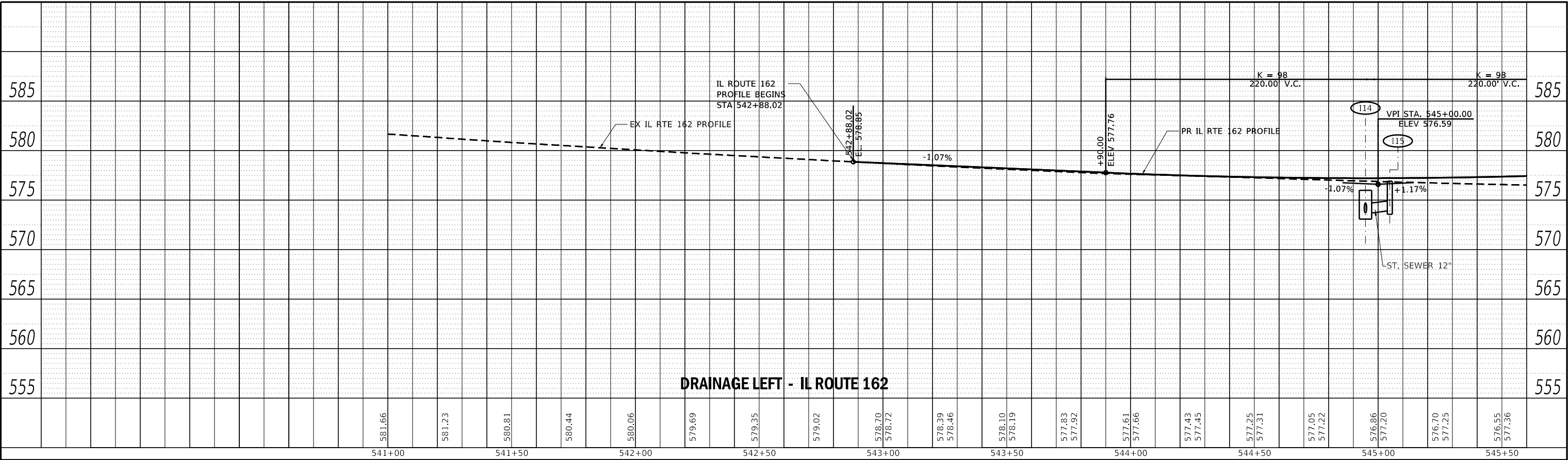
SCALE: 1"=20'	SHEET 3 OF 3 SHEETS	STA. 650+00 TO STA. 653+37.38
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		

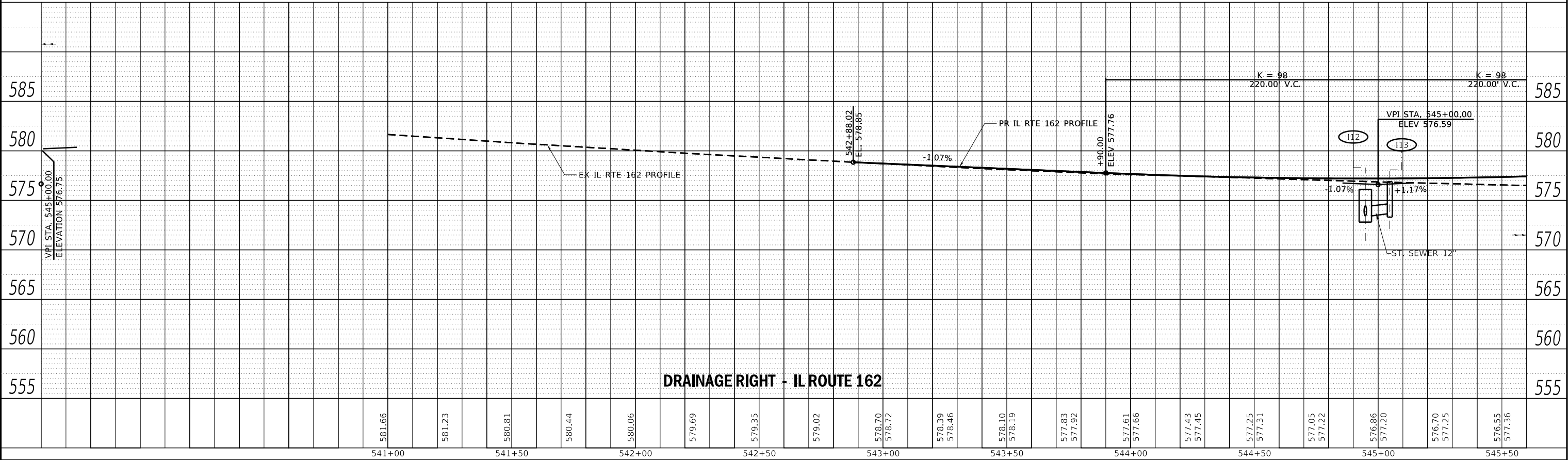
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	STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.		

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DRAINAGE LEFT - IL ROUTE 162



DRAINAGE RIGHT - IL ROUTE 162



USER NAME = Chris.Wilson
DESIGNED -
DRAWN -
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 9/30/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER PROFILE VIEW
IL ROUTE 162 AND OLD TROY ROAD

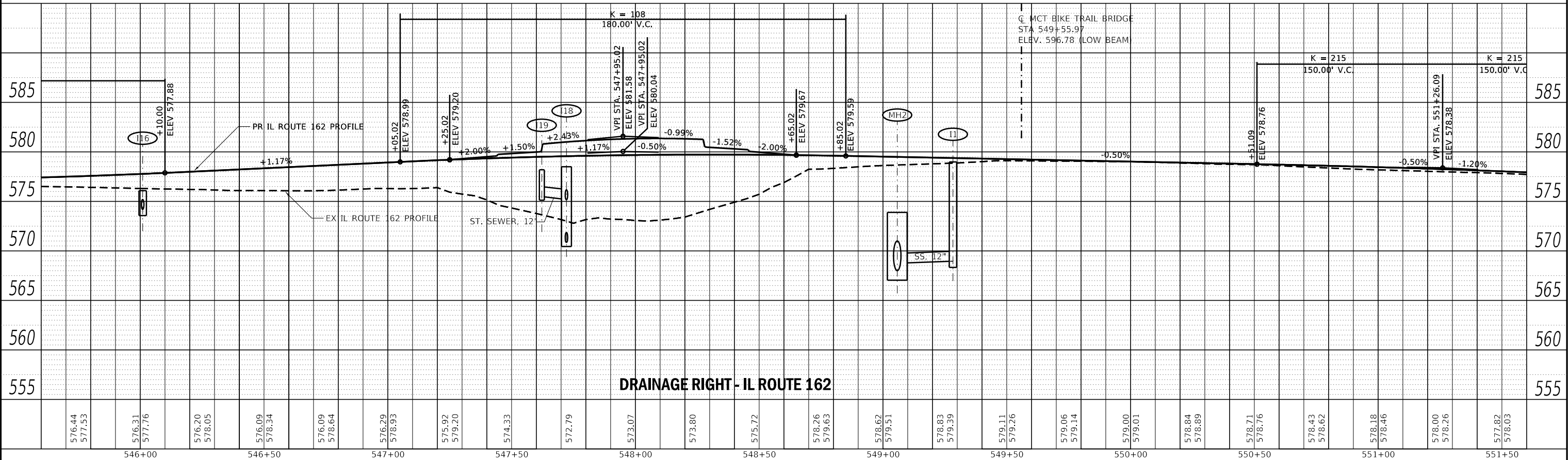
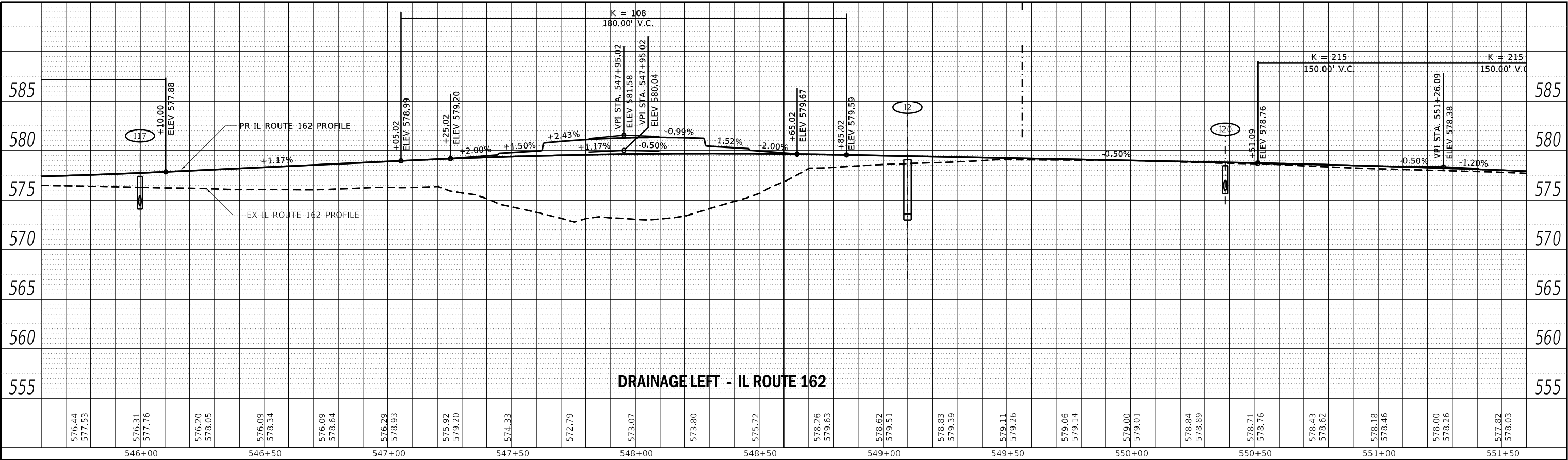
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	41
* FAP 586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	BY
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PROFILE	SURVEYED	DATE
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NOTE BOOK	GRADES	
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NO.	STRUCTURE	
	NOTATION	

MODEL sheet 2
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DESIGNED -
DRAWN -
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 9/30/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER PROFILE VIEW
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20'

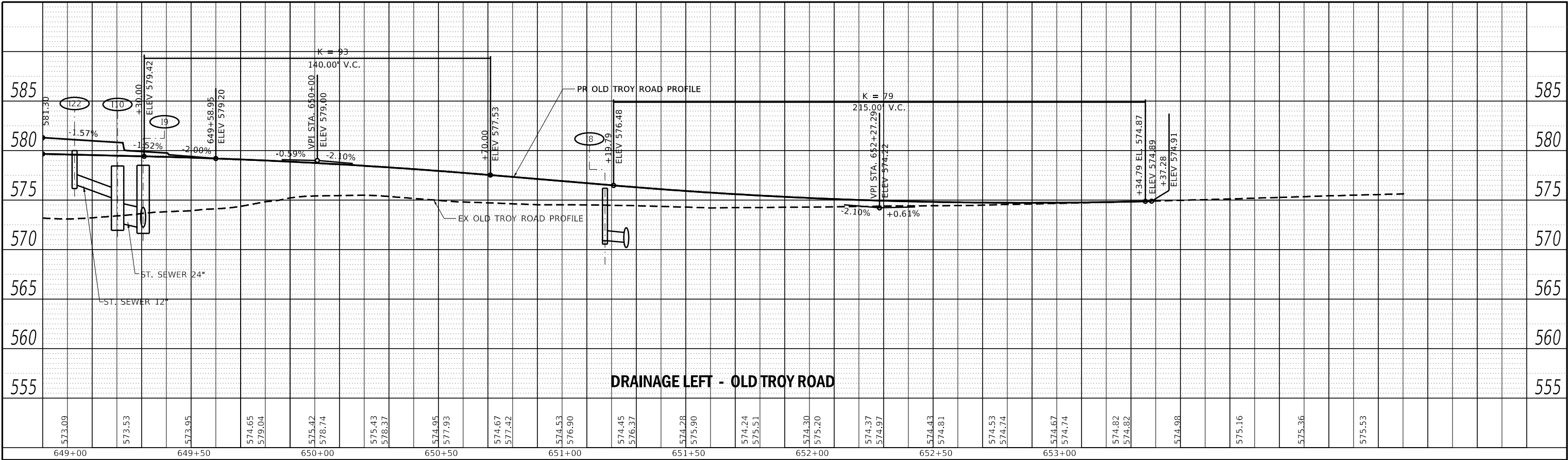
SHEET 2 OF 3 SHEETS

STA. 545+60

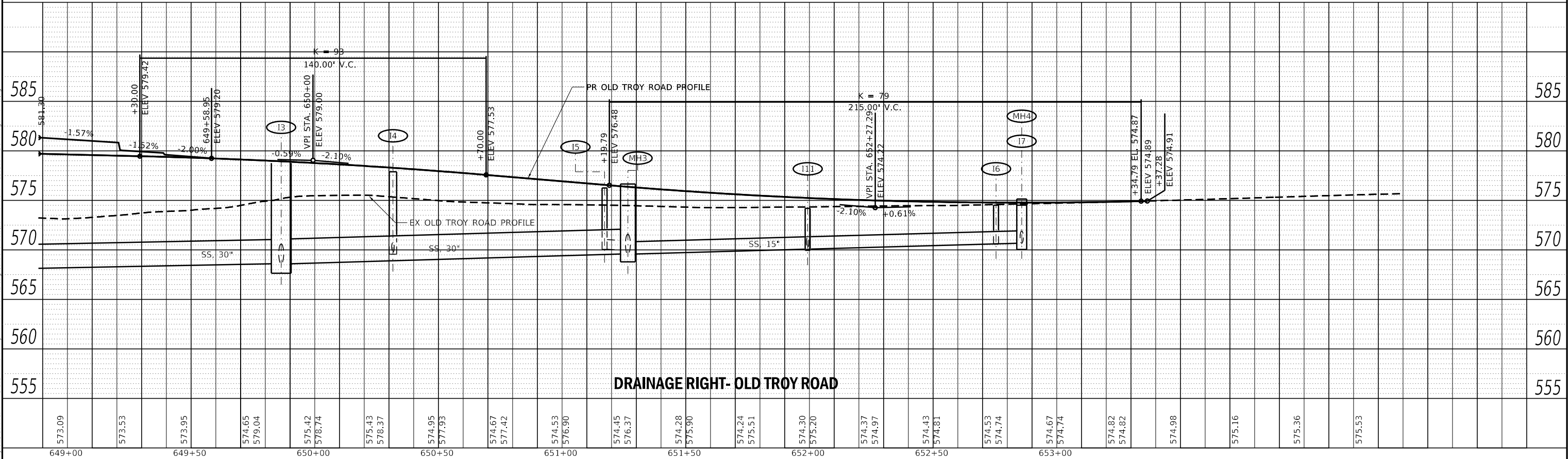
TO STA. 551+60

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	42
* FAP 586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

PLAN	SURVEYED _____		BY _____	DATE _____
	PLOTTED _____			
NOTE BOOK	ALIGNMENT CHECKED _____			
NO. _____	RT. OF WAY CHECKED _____			
	CADD FILE NAME _____			



PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	NOTE BOOK _____		
	GRADES CHECKED _____		
	B. M. NOTED _____		
NO. _____	STRUCTURE NOTAT'WS CHK'D _____		



MODEL sheet 3
FILE NAME: S:\projects\418-0015-04\162 and Old Troy Rd Roundabout\Design\ADD Sheets\DR\FAU586-sh-FULL\CLOSED-DRAINAGE Profile.dgn



USER NAME = Chris.Wilson
DESIGNED -
DRAWN -
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 9/30/2025

REVIS
REVIS
CHECKED -
DATE -

REVIS
REVIS
REVIS
REVIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER PROFILE VIEW
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 648+90 TO STA. 654+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	43
* FAP 586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		



OLD TROY ROAD
IMPROVEMENT BEGINS
STA 653+37.30

IL ROUTE 162
IMPROVEMENT ENDS
STA 553+59.81

IL ROUTE 162
IMPROVEMENT BEGINS
STA 542+88.02

PARCEL ID: 13-1-21-01-00-000-007
RUTH MORRIS

PARCEL ID: 09-2-22-06-00-000-004
JOHN SEDLACEK

CITY OF TROY

PARCEL ID: 13-1-21-01-00-000-009
FIRST BAPTIST CHURCH OF MARYVILLE

PARCEL ID: 09-1-22-06-00-000-007
ZOE WILLNOW

PARCEL ID: 09-1-22-06-00-000-008
CHRISTOPHER SHANE
AND DANNIELLE
2975 CANDYTUFT DR

PARCEL ID: 09-2-22-06-00-000-006
DANNY K FREY

PARCEL ID: 09-1-22-06-00-000-009.002
DANNY K FREY

PARCEL ID: 09-2-22-06-00-000-009.001
DAVID W AND MARY J APER
7210 STATE ROUTE 162

PARCEL ID:
09-1-22-06-00-000-014
AMERICAN
TOWER
ASSET SUB
II LLC

MADISON COUNTY MASS
TRANSIT DISTRICT

CP #4
STA 653+43.71, 27.59' LT
(OLD STA 443+92.87, 27.60' RT)
N 50,457.6660
E 50,006.5950

CP #2
STA 552+32.27, 18.96' LT
(OLD STA 452+27.12, 18.97' LT)
N 50,000.0000
E 50,408.0840

CP #3
STA 543+92.87, 17.82' RT
(OLD STA 443+92.87, 17.82' RT)
N 49,960.1120
E 49,572.7040

CP #1
STA 548+25.82, 11.54' RT
(OLD STA 448+20.57, 17.50' LT)
N 50,000.0000
E 50,000.0000

PROP. CURVE WPROIL162_1
PI STA. = 546+00.00
 Δ = 10° 06' 54" (LT)
D = 8° 29' 18"
R = 675.00'
T = 59.74'
L = 119.16'
E = 2.64'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 545+40.26
P.T. STA. = 546+59.43

PROP. CURVE EPROIL162_1
PI STA. = 549+49.03
 Δ = 7° 54' 57" (LT)
D = 8° 29' 18"
R = 675.00'
T = 46.70'
L = 93.25'
E = 1.61'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 549+02.33
P.T. STA. = 549+95.58

PROP. CURVE EPROIL162_2
PI STA. = 553+33.27
 Δ = 13° 27' 55" (RT)
D = 3° 53' 57"
R = 1,469.41'
T = 173.46'
L = 345.33'
E = 10.20'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 551+59.81
P.T. STA. = 555+05.14

PROP. CURVE PROOLDTROYRD_3
PI STA. = 650+67.02
 Δ = 25° 16' 12" (LT)
D = 19° 05' 55"
R = 300.00'
T = 67.25'
L = 132.31'
E = 7.45'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 649+99.77
P.T. STA. = 651+32.08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

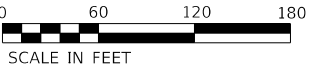
R.O.W., T.C.E. & PROPERTY OWNERS
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=60'

SHEET 1 OF 1 SHEETS

01 ROW

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	44
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	



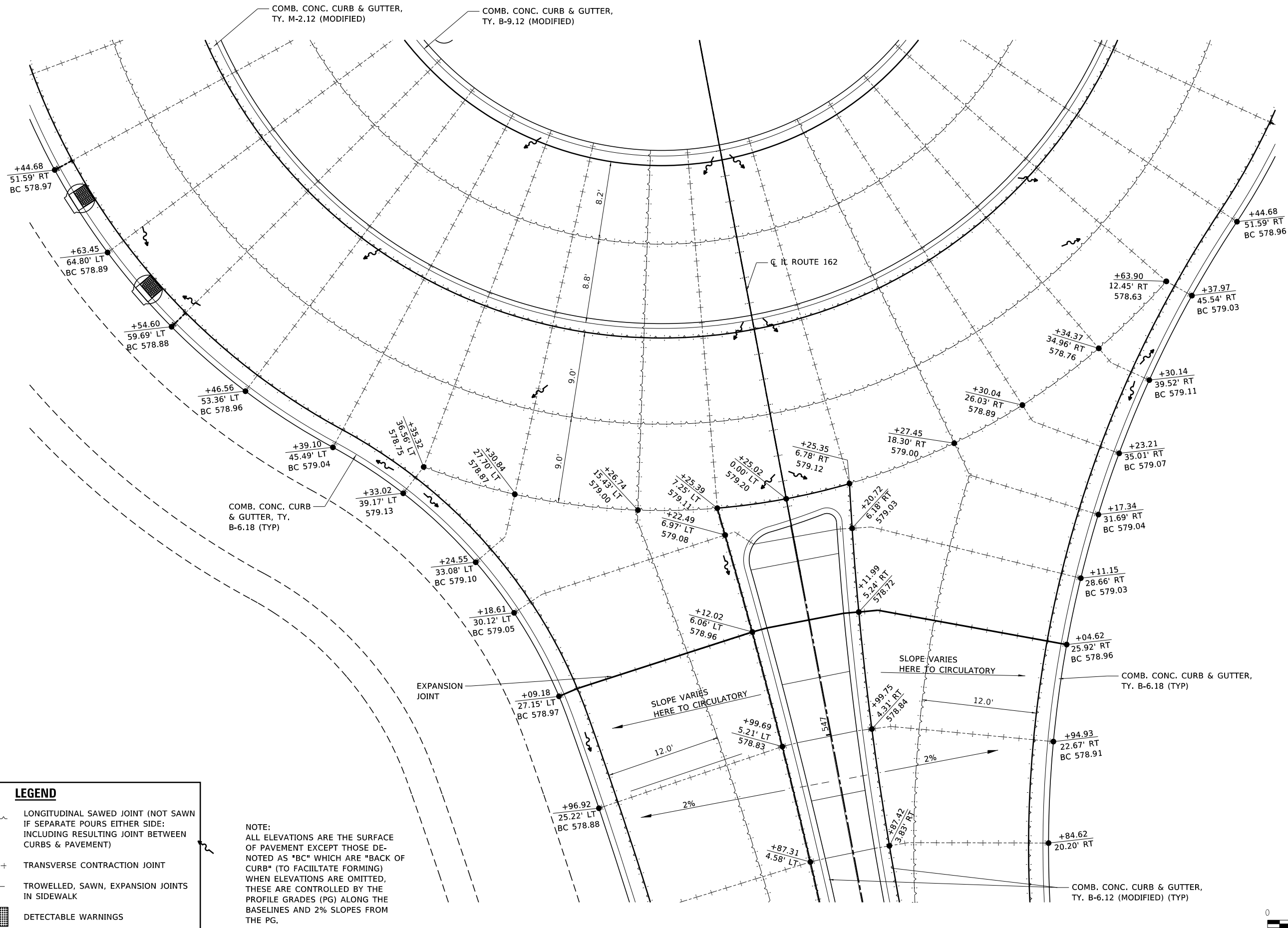
MODEL 01 ROW
FILE NAME: S:\Projects\17-00034-00-PV IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRAP586-shr-ENCLOSURE-ROW Plan.dgn



USER NAME = Chris.Wilson
DESIGNED -
DRAWN -
PLOT SCALE = 120.0000 ' / in.
PLOT DATE = 10/14/2025

REVISD -
REVISD -
CHECKED -
DATE -

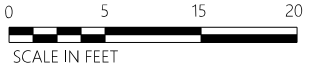
REVISD -
REVISD -
REVISD -
REVISD -



LEGEND

- LONGITUDINAL SAWED JOINT (NOT SAWN IF SEPARATE POURS EITHER SIDE INCLUDING RESULTING JOINT BETWEEN CURBS & PAVEMENT)
- TRANSVERSE CONTRACTION JOINT
- TROWELLED, SAWN, EXPANSION JOINTS IN SIDEWALK
- DETECTABLE WARNINGS

NOTE:
ALL ELEVATIONS ARE THE SURFACE OF PAVEMENT EXCEPT THOSE DENOTED AS "BC" WHICH ARE "BACK OF CURB" (TO FACILITATE FORMING) WHEN ELEVATIONS ARE OMITTED, THESE ARE CONTROLLED BY THE PROFILE GRADES (PG) ALONG THE BASELINES AND 2% SLOPES FROM THE PG.



MODEL 01 Int Det Sht
FILE NAME: S:\0903341\B-0015.DWG IL 162 and Old Troy Rd Roundabout Design\CA000_Sheets\0903341\B-0015.DWG
DATE: 8/12/2025



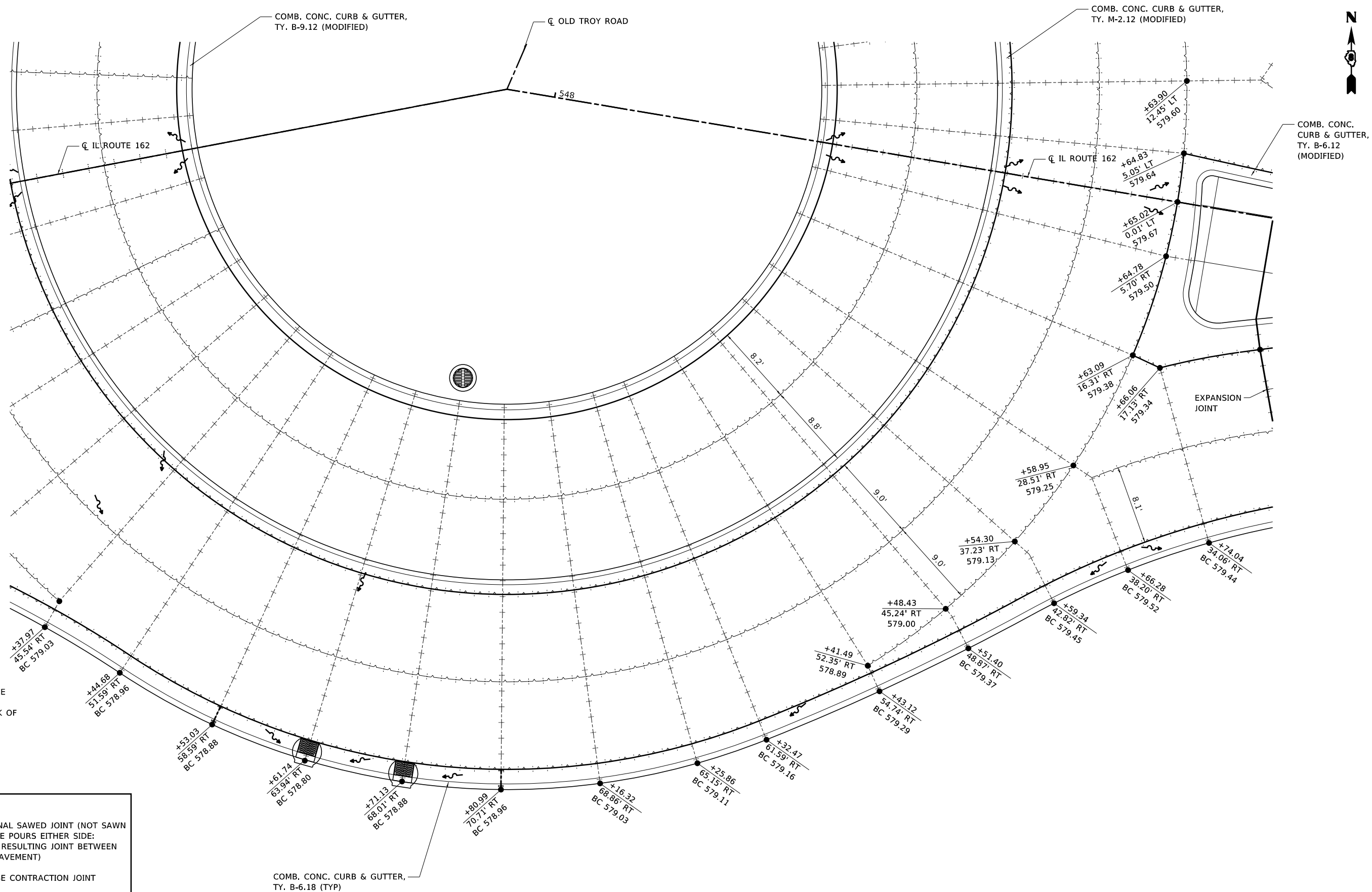
USER NAME = Chris.Wilson	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/12/2025	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
IL ROUTE 162**

SCALE: 1"=5' SHEET 1 OF 5 SHEETS 01 Int Det Sht

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	45
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		



MODEL 02 Int Det Sht
FILE NAME: S:\PROJECTS\17-00034-00-015-014-0162 and Old Troy Rd Roundabout\Design\CADD_Sheets\DRW\9596-sht-02-ILCLOSURE-IntersectionIsland.dgn



USER NAME	= Chris.Wilson
DESIGNED	-
DRAWN	-
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 8/12/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

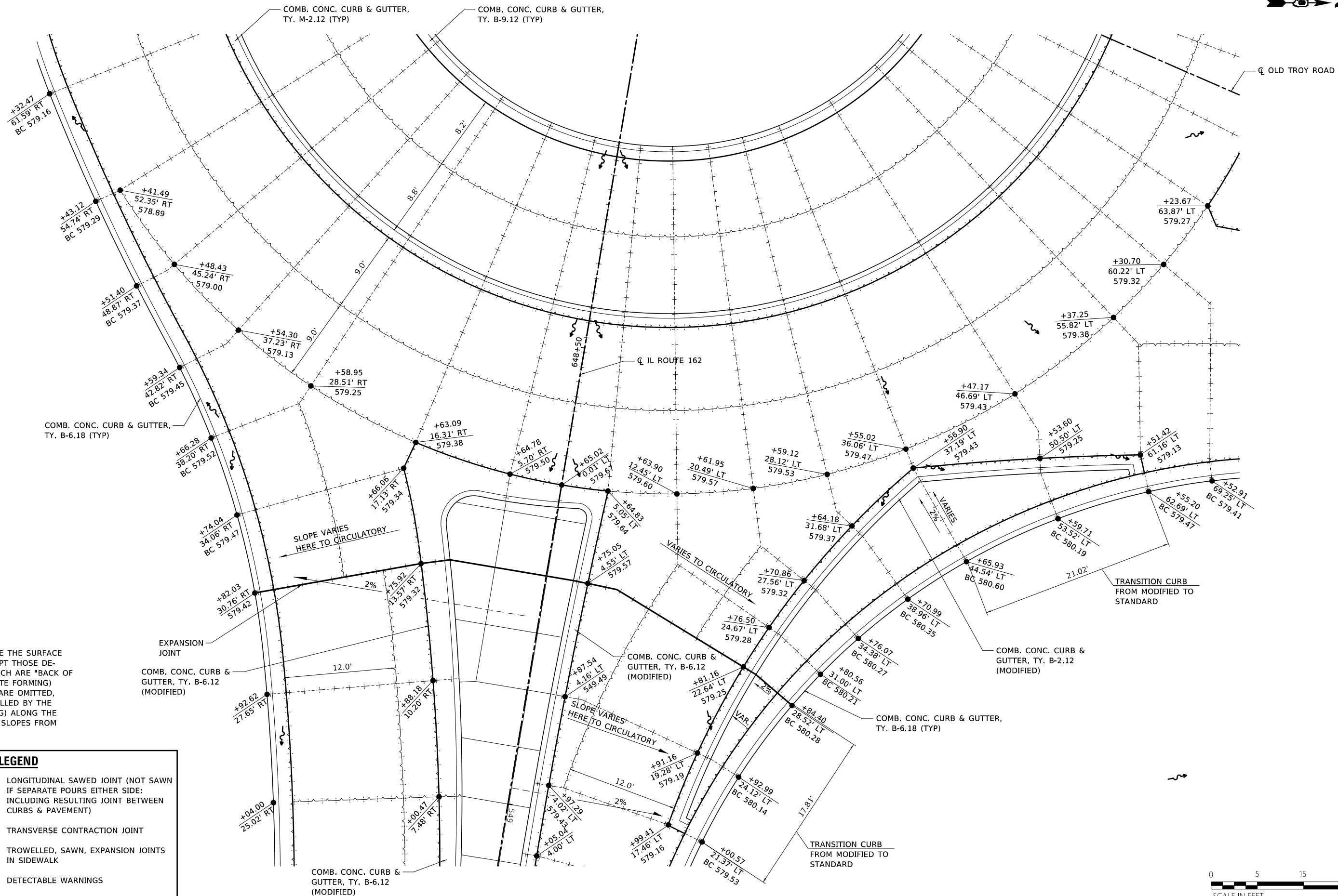
INTERSECTION DETAILS
IL ROUTE 162

SCALE: 1"=5'

SHEET 2 OF 5 SHEETS

02 Int Det Sht

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	46
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	



NOTE:
ALL ELEVATIONS ARE THE SURFACE
OF PAVEMENT EXCEPT THOSE DE-
NOTED AS "BC" WHICH ARE "BACK OF
CURB" (TO FACILITATE FORMING)
WHEN ELEVATIONS ARE OMITTED,
THESE ARE CONTROLLED BY THE
PROFILE GRADES (PG) ALONG THE
BASELINES AND 2% SLOPES FROM
THE PG.

LEGEND

LONGITUDINAL SAWED JOINT (NOT SAWN
IF SEPARATE POURS EITHER SIDE:
INCLUDING RESULTING JOINT BETWEEN
CURBS & PAVEMENT)

TRANSVERSE CONTRACTION JOINT

TROWELLED, SAWN, EXPANSION JOINTS
IN SIDEWALK

DETECTABLE WARNINGS



USER NAME	= Chris.Wilson	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= 10.0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 8/12/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
IL ROUTE 162

SCALE: 1"=5'

SHEET 3 OF 5 SHEETS

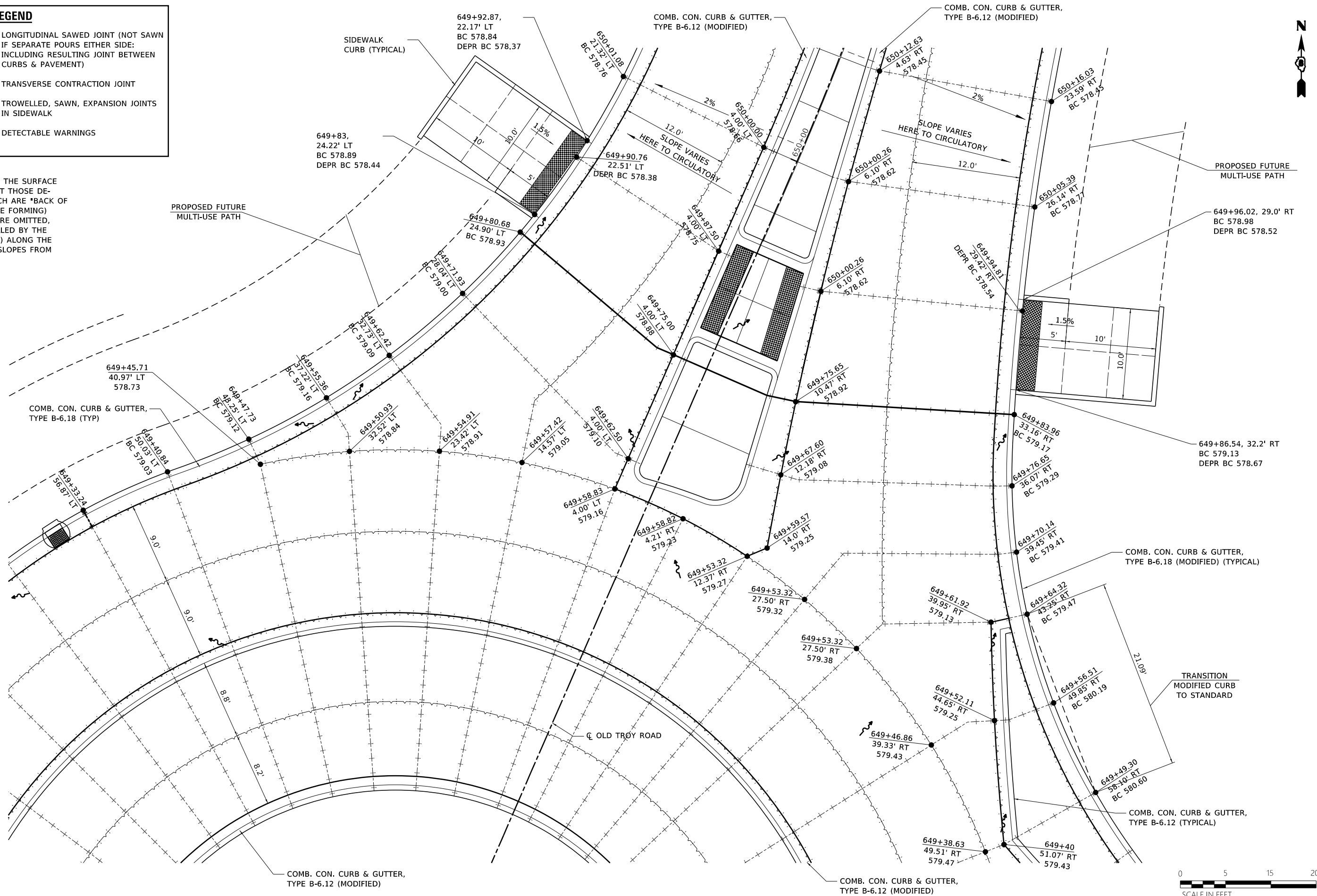
03 Int Det Sht

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	47
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

LEGEND

- LONGITUDINAL SAWED JOINT (NOT SAWN IF SEPARATE POURS EITHER SIDE INCLUDING RESULTING JOINT BETWEEN CURBS & PAVEMENT)
- TRANSVERSE CONTRACTION JOINT
- TROWELLED, SAWN, EXPANSION JOINTS IN SIDEWALK
- DETECTABLE WARNINGS

NOTE:
ALL ELEVATIONS ARE THE SURFACE OF PAVEMENT EXCEPT THOSE DENOTED AS "BC" WHICH ARE "BACK OF CURB" (TO FACILITATE FORMING) WHEN ELEVATIONS ARE OMITTED, THESE ARE CONTROLLED BY THE PROFILE GRADES (PG) ALONG THE BASELINES AND 2% SLOPES FROM THE PG.



MODEL 04 Int Det Sht
FILE NAME: S:\03033411\B-0015-04V IL 162 and Old Troy Rd Roundabout\Design\CADD_Sheets\03033411\B-0015-04V-Int-IL162-Closure-Intersection\B-0015-04V-Int-IL162-Closure-Intersection.dgn



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
IL ROUTE 162

SCALE: 1"=5' SHEET 4 OF 5 SHEETS 04 Int Det Sht

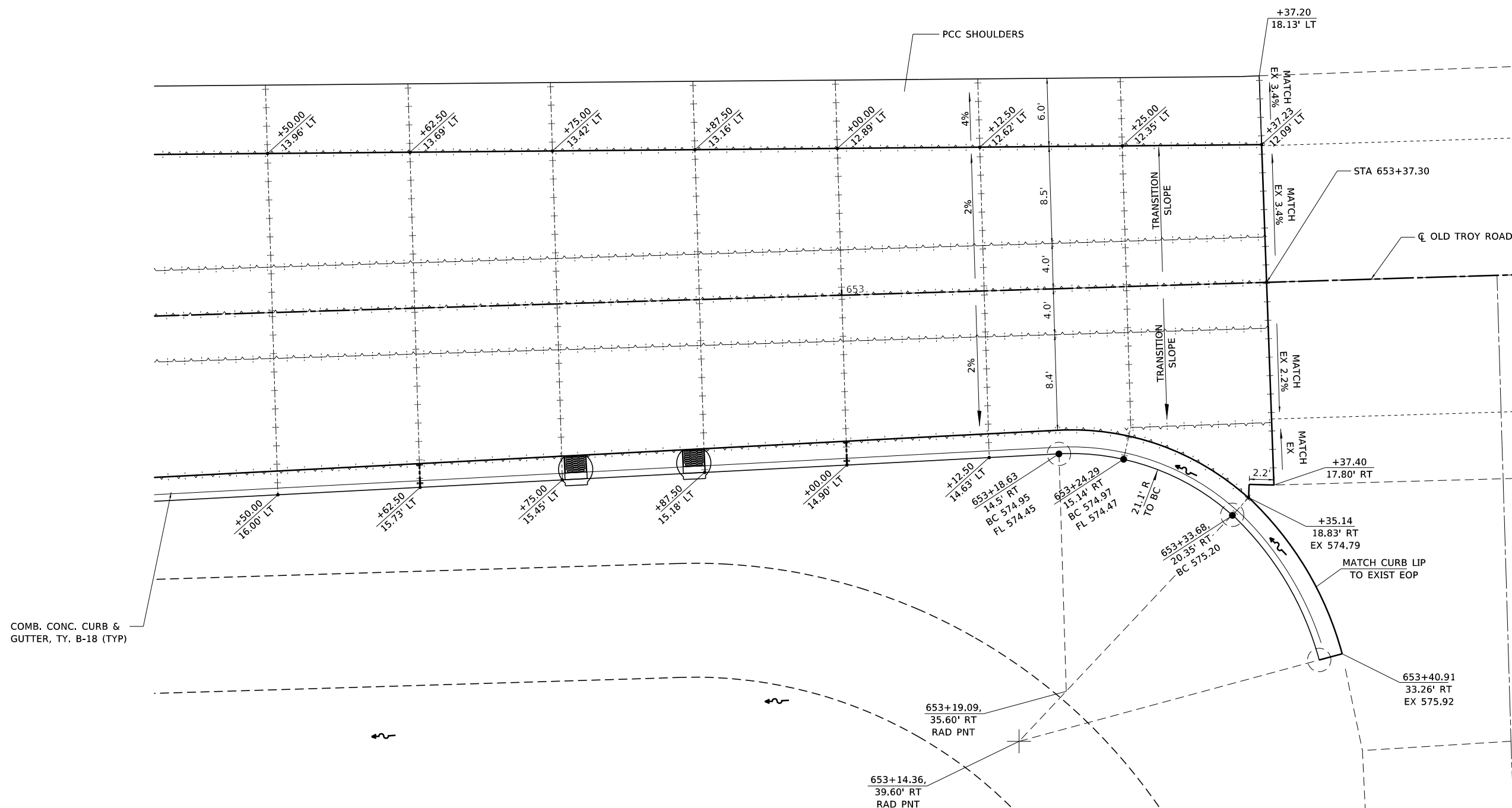
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	48
* FAP-586/FAU 8898		CONTRACT NO. 97877		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- LONGITUDINAL SAWED JOINT (NOT SAWN IF SEPARATE POURS EITHER SIDE: INCLUDING RESULTING JOINT BETWEEN CURBS & PAVEMENT)
- TRANSVERSE CONTRACTION JOINT
- TROWELLED, SAWN, EXPANSION JOINTS IN SIDEWALK
- DETECTABLE WARNINGS

NOTE:
ALL ELEVATIONS ARE THE SURFACE OF PAVEMENT EXCEPT THOSE DENOTED AS "BC" WHICH ARE "BACK OF CURB" (TO FACILITATE FORMING) WHEN ELEVATIONS ARE OMITTED, THESE ARE CONTROLLED BY THE PROFILE GRADES (PG) ALONG THE BASELINES AND 2% SLOPES FROM THE PG.



MODEL 05 Int Det Sht
FILE NAME: S:\0503341\B-0015.DWG, IL 162 and Old Troy Rd RoundaboutDesign\CADD Sheets\0503341\B-0015.DWG-Int-IL162-IntersectIslandDtl.dgn



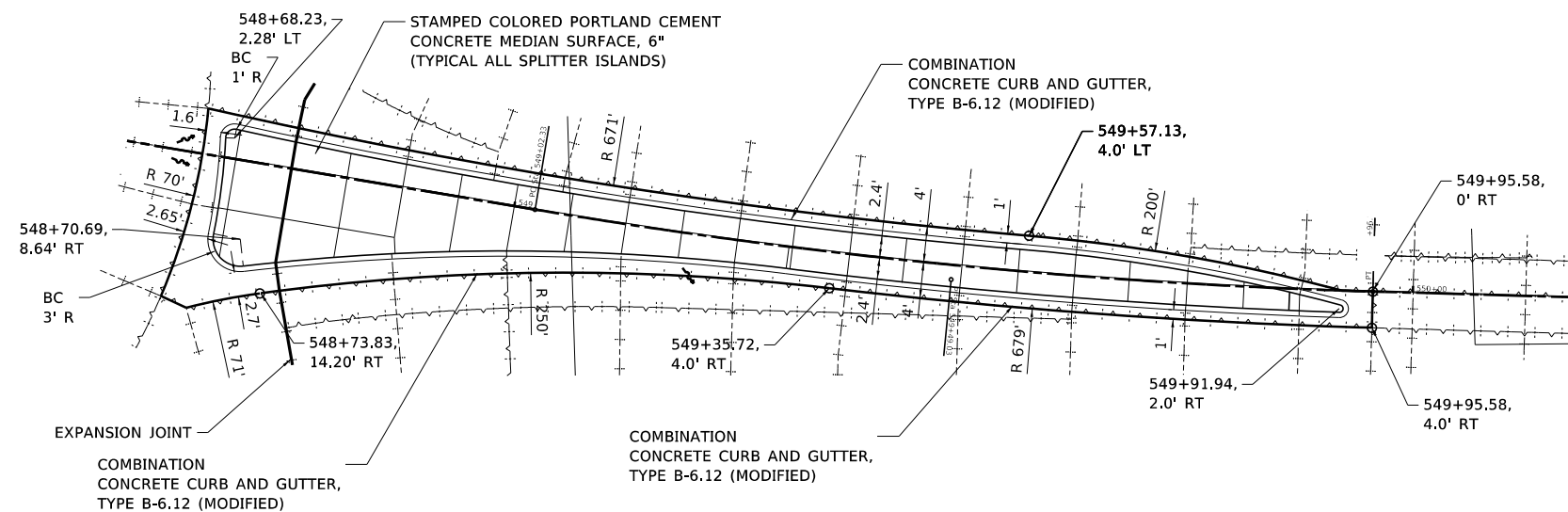
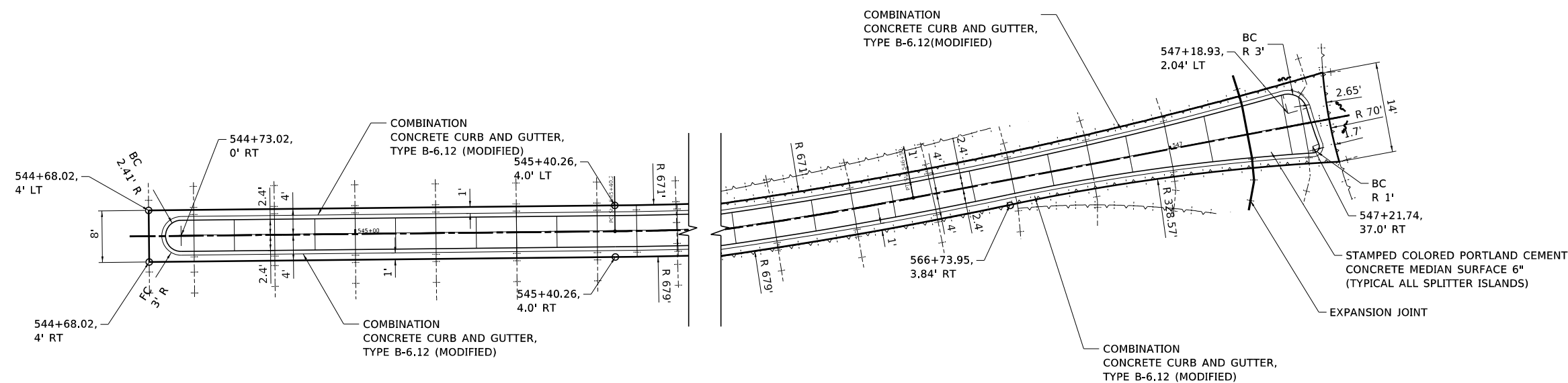
USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
IL ROUTE 162

SCALE: 1"=5' SHEET 5 OF 5 SHEETS 05 Int Det Sht

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	49
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		



FILE NAME: S:\Projects\418-2015-04Y IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\08FAP586-shl-FULL\CLDSURE-Intersect&IslandDtl.dgn



USER NAME	Chris.Wilson	DESIGNED	-	REVISED	-
MODEL NAME	X II Rte 162 Splitter	DRAWN	-	REVISED	-
PLOT SCALE	20.0000' / in.	CHECKED	-	REVISED	-
PLOT DATE	9/30/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPLITTER ISLAND DETAILS
IL ROUTE 162

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	50
* FAP 586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		

COMBINATION
CONCRETE CURB AND GUTTER,
TYPE B-6.12 (MODIFIED)

BC
3' R

649+76.86,
6.55' RT

EXPANSION
JOINT

649+91.03,
4.86' RT

BC
1' R

649+62.24,
1.42' LT

STAMPED COLORED PORTLAND CEMENT
CONCRETE MEDIAN SURFACE, 6"
(TYPICAL ALL SPLITTER ISLANDS)

649+76.86,
1.9' LT

BC R 0.5'
(FOR ALL IN PEDESTRIAN
OPENING, TYPICAL)

DETECTABLE
WARNINGS

649+91.03,
1.9' LT

649+99.77,
4.0' LT

650+27.97,
4.0' RT

COMBINATION CONCRETE
CURB AND GUTTER,
TYPE B-6.12 (MODIFIED)

651+32.08,
4.0' LT

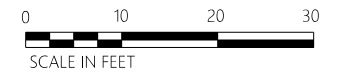
651+50,
0' RT

COMBINATION CONCRETE
CURB AND GUTTER,
TYPE B-6.12 (MODIFIED)

651+32.08,
4.0' RT

BC
2.42' R

FC
3.0' R



FILE NAME: S:\Projects\418-0015-00HY IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\08FA586-sh1-FULLCLOSURE-Intersect&IslandDtl.dgn



USER NAME - Chris.Wilson
MODEL NAME - X Old Troy Splitter
PLOT SCALE - 20.0000' / in.
PLOT DATE - 8/12/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPLITTER ISLAND DETAILS
OLD TROY ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	51
* FAP 586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: sheet 1
FILE: I:\MIS: SUP\projects\418-0015-04HY IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRF\AP586-shr-ILL-CLOSURE-P\MK65signs.dgn

①


W11-2 (30x30)

W16-7pL (24x12)

②

EAST

OR

WEST

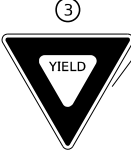
M3-2 (24x12) M3-4 (24x12)

ILLINOIS 162

M1-5 (24x24)


M6-1 (21x15)

③

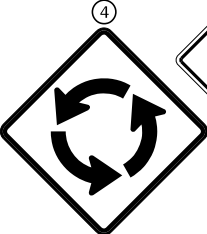

R1-2 (36x36x36)


R6-5P (30x30)

BACK OF YIELD SIGN


R5-1 (30x30)

④


W2-6 (30x30)

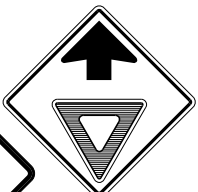
SPEED LIMIT 20

R2-1 (24x30)

OLD TROY ROAD

D1-1 (18x24)

⑤


W3-2 (30x30)

⑥


R4-7 (18x24)

⑦


R6-1R (36x12)

⑧


R1-1 (30x30)

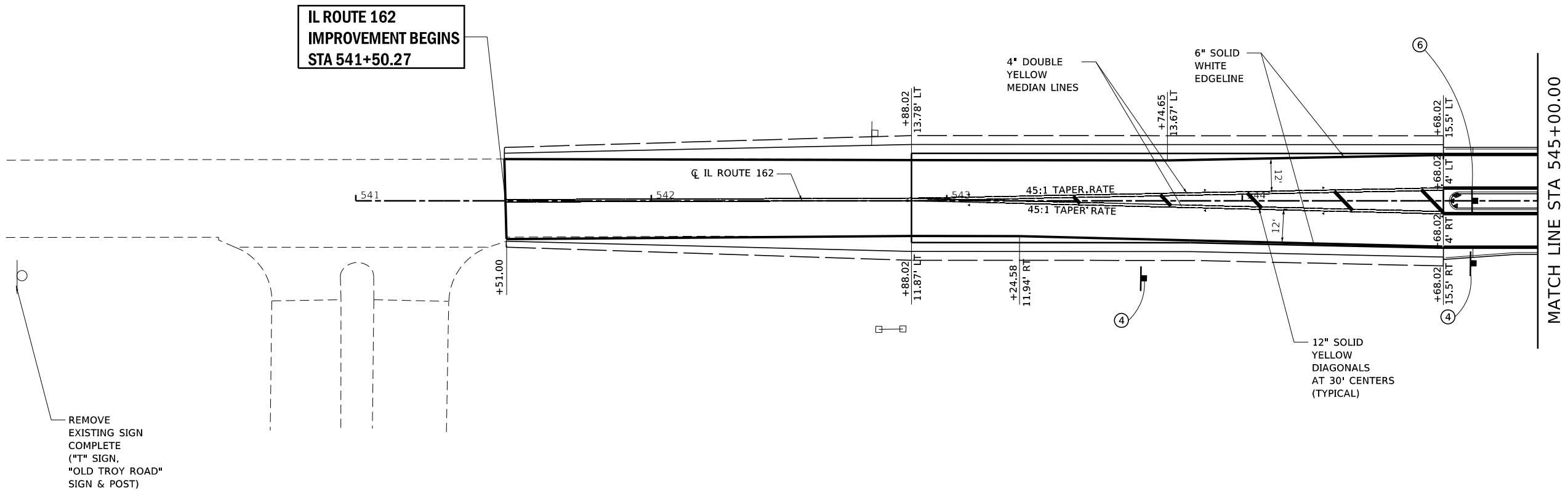
SIGN

▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)

▶ PRISMATIC CURB RELECTOR (ONE-WAY AMBER)

◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

▶ PRISMATIC CURB REFLECTOR (ONE-WAY CRYSTAL)



 103 West Vanatta St #100 Edwardsville, IL 62025 PHONE: 618.667.1400	USER NAME = Chris.Wilson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FINAL PAVEMENT MARKING AND SIGNS IL ROUTE 162 AND OLD TROY ROAD	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.				
	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -			* 17-00034-00-PV MADISON 80 52				
	PLOT DATE = 9/30/2025	CHECKED -	REVISED -			* FAP-586/FAU 8898 CONTRACT NO. 97877				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

1



W11-2 (30x30)



W16-7pL (24x12)

2

EAST

OR

WEST

ILLINOIS 162

M1-5 (24x24)



M6-1 (21x15)

3

YIELD

R1-2 (36x36x36)

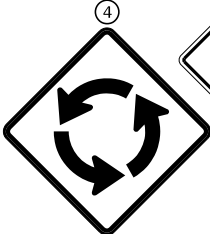


R6-5P (30x30)

4

DO NOT ENTER

R5-1 (30x30)



W2-6 (30x30)

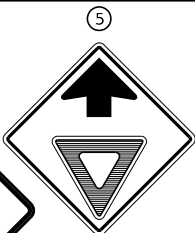
SPEED LIMIT 20

R2-1 (24x30)

OLD TROY ROAD

D1-1 (18x24)

5



W3-2 (30x30)

6



R4-7 (18x24)

ONE WAY

R6-1R (36x12)

7

STOP

R1-1 (30x30)

8

STOP

R1-1 (30x30)

SIGN

RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)

PRISMATIC CURB REFLECTOR (ONE-WAY AMBER)

RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

PRISMATIC CURB REFLECTOR (ONE-WAY CRYSTAL)

NOTE:

- ALL SIGNS ON SINGLE METAL POST - TYPE A, 14.0' FT. EXCEPT D1 TYPE GUIDE SIGNS AND CITY OF MARYVILLE SIGN.
- CITY OF MARYVILLE SIGN AND D1 TYPE GUIDE SIGNS ON WOOD SIGN SUPPORTS.

MODEL - sheet 2
FILE NAME: S:\projects\18-0015-04Y IL 162 and Old Troy Rd Roundabout\Design\CA00 Sheets\DR04P596-shr-FULLCLOSURE-P\MK65signs.dgn

USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL PAVEMENT MARKING AND SIGNS
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STATION 545+00.00 TO STATION 551+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	53
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		



①

W11-2 (30x30)
W16-7pL (24x12)

②

EAST OR WEST

ILLINOIS 162

M1-5 (24x24)

M3-2 (24x12) M3-4 (24x12)

M6-1 (21x15)

③

YIELD

R1-2 (36x36x36)

R6-5P (30x30)

BACK OF YIELD SIGN

DO NOT ENTER

R5-1 (30x30)

④

W2-6 (30x30)

SPEED LIMIT 20

R2-1 (24x30)

OLD TROY ROAD

D1-1 (18x24)

⑤

W3-2 (30x30)

R4-7 (18x24)

⑥

R4-7 (18x24)

R6-1R (36x12)

⑦

ONE WAY

R6-1R (36x12)

⑧

STOP

R1-1 (30x30)

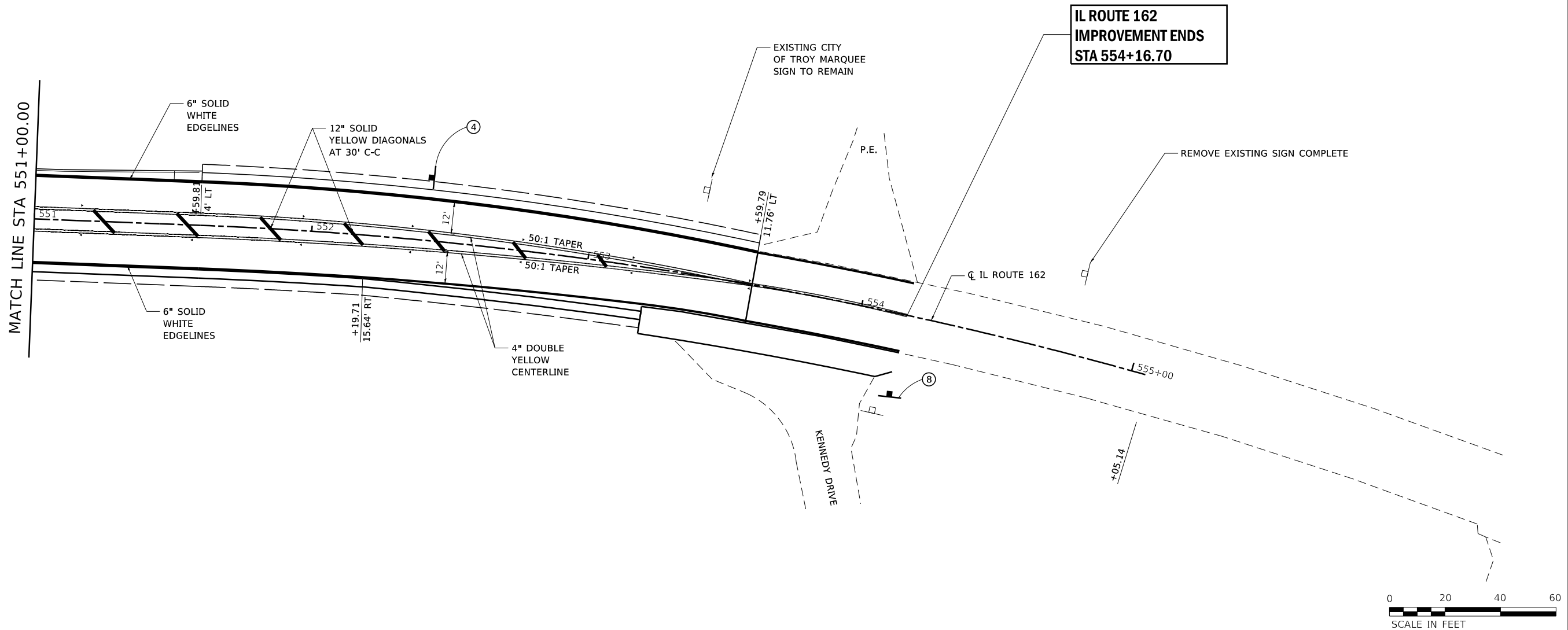
SIGN

▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)

▶ PRISMATIC CURB REFLECTOR (ONE-WAY AMBER)

◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

▷ PRISMATIC CURB REFLECTOR (ONE-WAY CRYSTAL)



MODEL: sheet 3
FILE: I:\MIS: SUP\Projects\418-0015-PHY IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRAP586-shr-FULLCLOSURE-P\MK65Signs.dgn



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL PAVEMENT MARKING AND SIGNS IL ROUTE 162 AND OLD TROY ROAD		
SCALE: 1"=20'	SHEET 3 OF 5 SHEETS	STATION 551+00.00 TO STATION 553+59.81

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	54
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

1



W11-2 (30x30)



W16-7pL (24x12)

2

EAST

OR

WEST

ILLINOIS 162

M1-5 (24x24)



M6-1 (21x15)

3

YIELD

BACK OF YIELD SIGN

DO NOT ENTER

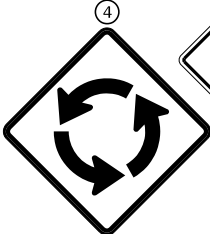
R1-2 (36x36x36)

R5-1 (30x30)



R6-5P (30x30)

4



W2-6 (30x30)

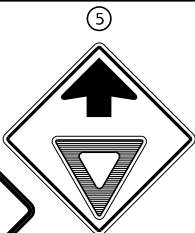
SPEED LIMIT 20

R2-1 (24x30)

OLD TROY ROAD

D1-1 (18x24)

5



W3-2 (30x30)

6



R4-7 (18x24)



R6-1R (36x12)

7



R6-1R (36x12)

8



R1-1 (30x30)

SIGN

▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)

▶ PRISMATIC CURB REFLECTOR (ONE-WAY AMBER)

◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

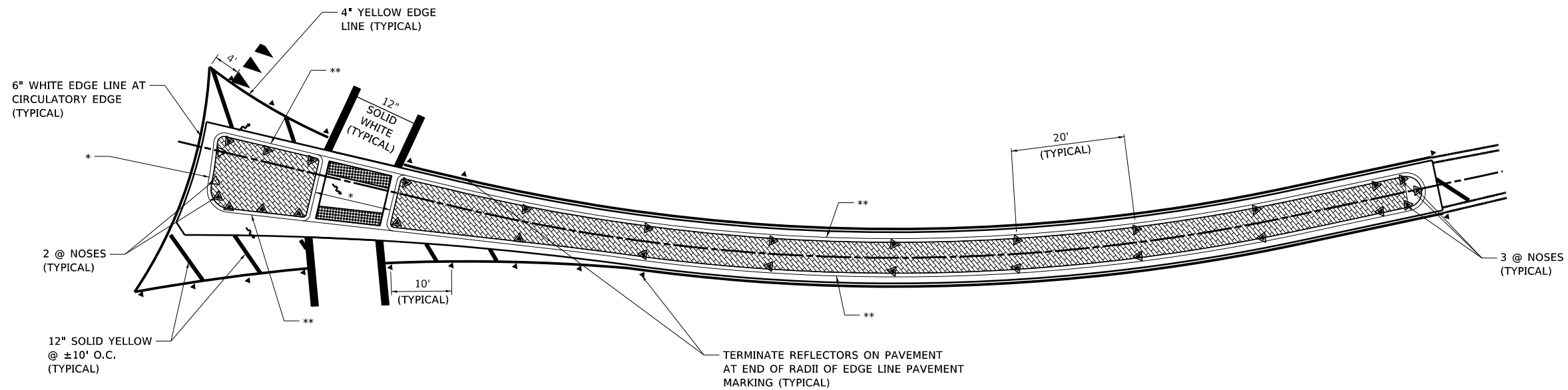
▷ PRISMATIC CURB REFLECTOR (ONE-WAY CRYSTAL)

OLD TROY ROAD
IMPROVEMENT BEGINS
STA 653+37.22

 103 West Vanatta St. #1000 Evanston, IL 60201 PHONE: 618.667.1400	USER NAME = Chris.Wilson		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FINAL PAVEMENT MARKING AND SIGNS IL ROUTE 162 AND OLD TROY ROAD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		REVISED -	REVISED -				*	17-00034-00-PV	MADISON	80	55
	PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -				* FAP-586/FAU 8898		CONTRACT NO. 97877		
	PLOT DATE = 9/30/2025		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE: 1"=20'						SHEET 4	OF 5 SHEETS	STATION 651+00.00 TO STATION 653+95.95				

LEGEND

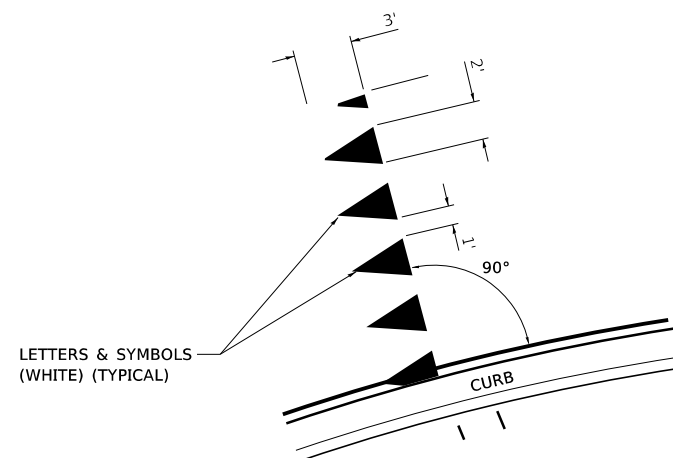
- | SIGN | |
|------|---|
| | RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER) |
| | PRISMATIC CURB REFLECTOR (ONE-WAY AMBER) |
| | RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER) |
| | PRISMATIC CURB REFLECTOR (ONE-WAY CRYSTAL) |



SPLITTER ISLAND TYPICAL MARKINGS DETAIL

(N.T.S.)

- * PAINT CURB (WHITE, ON FACE & TOP)
** PAINT CURB (YELLOW, ON FACE & TOP)



TYPICAL YIELD BAR MARKING DETAIL



USER NAME = Chris,Wilson	DESIGNED -	REVISED -
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PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/30/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FINAL PAVEMENT MARKING AND SIGNS
IL ROUTE 162 AND OLD TROY ROAD**

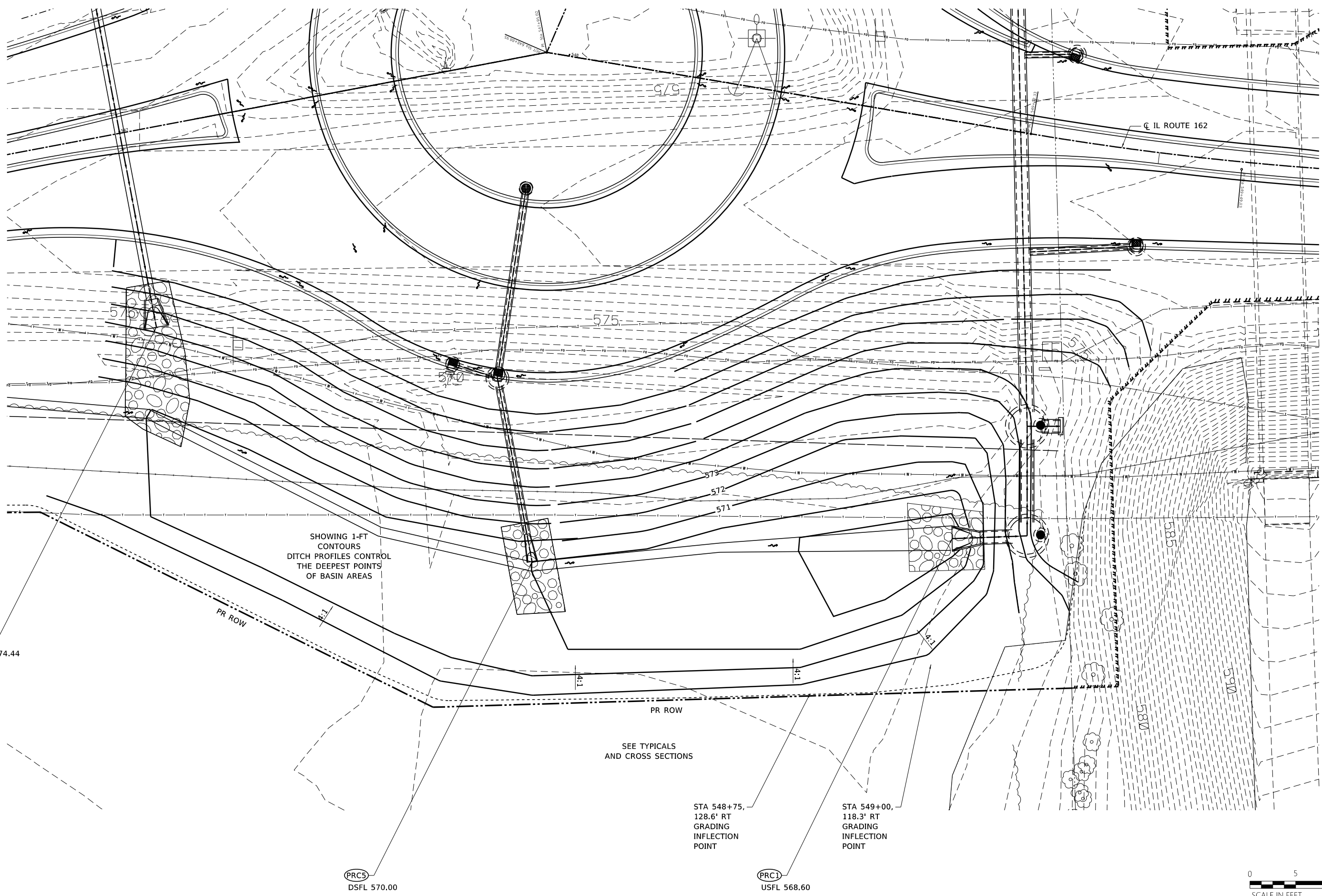
SCALE: 1"=10'

SHEET 5 OF 5 SHEETS

DETAIL SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	56
* FAP-586/FAU 8898		CONTRACT NO. 97877		
	ILLINOIS	FED. AID PROJECT		

MODEL: Sheet 5
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MODEL 02 Int Det Sht
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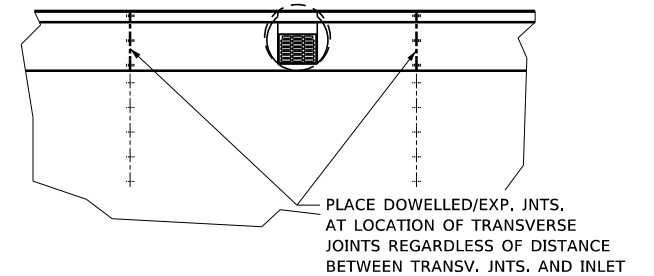
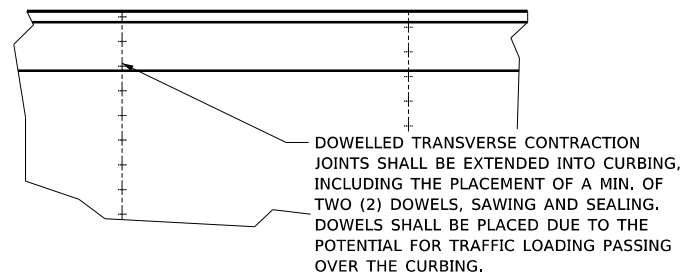
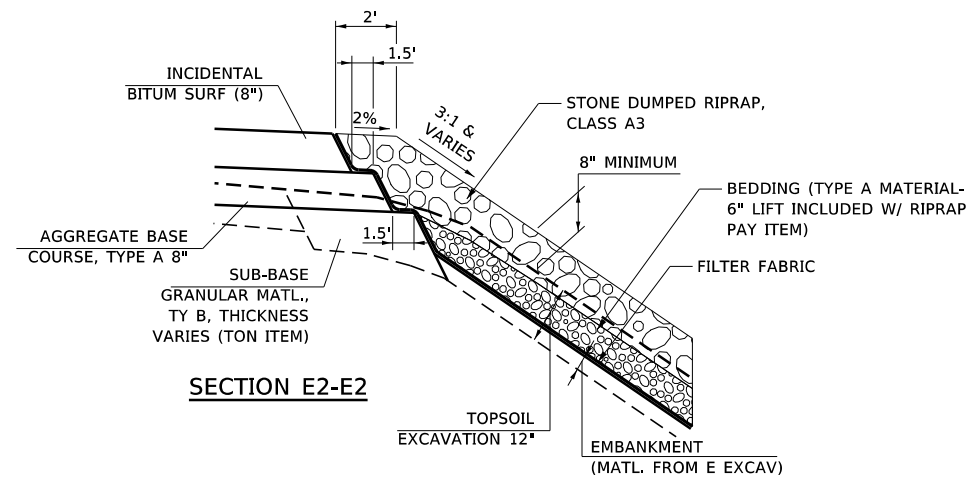
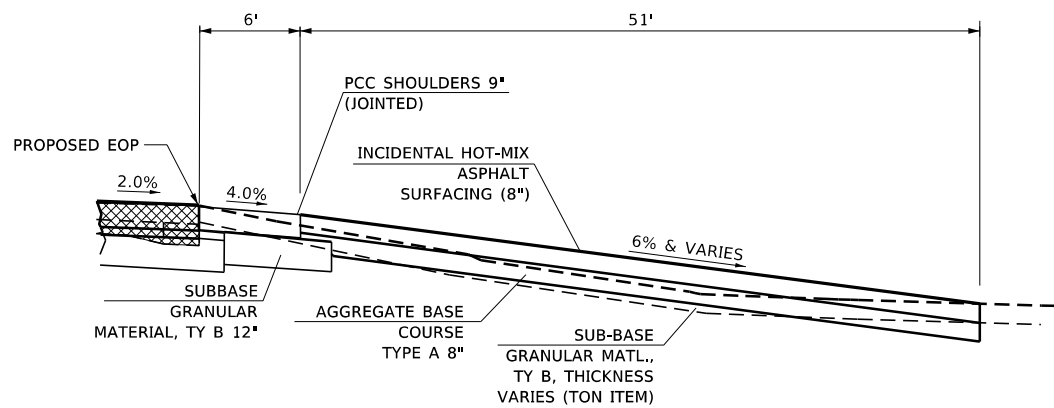
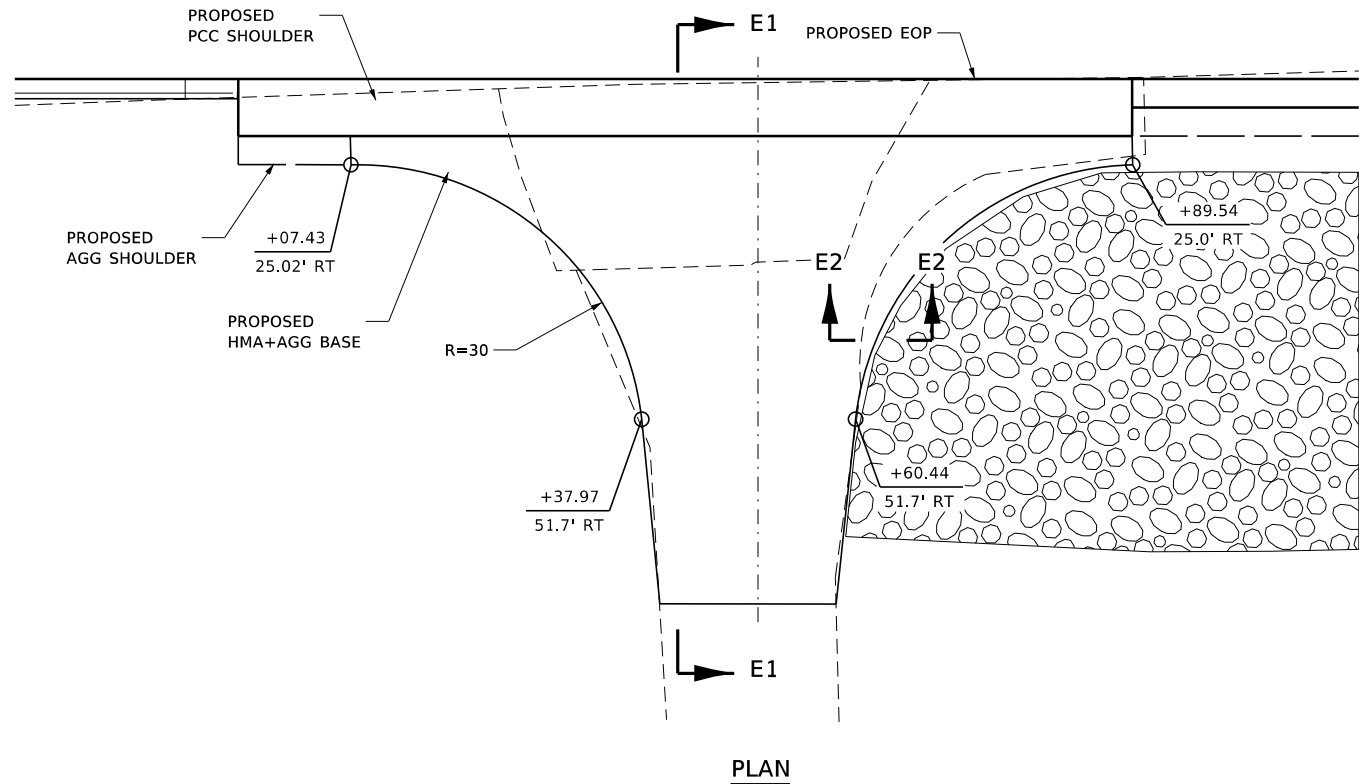


USER NAME = Chris.Wilson	DESIGNED -	REVISED -
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/3/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRADING DETAILS AT SOUTH DETENTION AREA
IL ROUTE 162
SCALE: 1"=5'
SHEET 2 OF 5 SHEETS
02 Int Det Sht

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	57
* FAP-586/FAU 8898 CONTRACT NO. 97877				
ILLINOIS FED. AID PROJECT				



HIGHWAY STANDARD 606001 SHALL BE MODIFIED SUCH THAT THE DOWELLED/EXPANSION JOINTS CALLED FOR EITHER SIDE OF INLETS SHALL BE POSITIONED AT THE NEAREST TRANSVERSE CONTRACTION JOINTS. "DEAD END" OR "T" JOINTS SHOWN IN THE HIGHWAY STANDARD ARE PROHIBITED.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE AND PAVING
DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	58
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		

USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

GENERAL NOTES

1.

ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2023 NATIONAL ELECTRICAL CODE (NEC), THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CITY OF TROY DESIGN STANDARDS, AND ALL APPLICABLE LOCAL ORDINANCES.
2.

TRAFFIC CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (ILMUTCD), HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS.
3.

THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS HAVE BEEN LOCATED AT THE TIME OF THE SURVEY, OR BASED ON AVAILABLE EXISTING INFORMATION. NO GUARANTEE IS IMPLIED THAT ALL UTILITIES HAVE BEEN LOCATED OR DEPICTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SHALL LOCATE THE UTILITIES IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION RELATED IMPROVEMENTS.
4.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.30 OF THE "STANDARD SPECIFICATIONS". CALL J.U.L.I.E. AT 1-800-892-0123, AS WELL AS ANY OTHER KNOWN UTILITY COMPANIES NOT SERVED BY J.U.L.I.E., A MINIMUM OF 48 HOURS IN ADVANCE OF DIGGING OPERATIONS. THE CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY ADJUSTMENTS WITH THE APPROPRIATE UTILITY COMPANY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA AS FOLLOWS:

- AMEREN ILLINOIS

- AT&T

- CITY OF TROY

- ILLINOIS AMERICAN WATER

- SOUTHWEST ELECTRIC COOPERATIVE
5.

THE CONTRACTOR SHALL FURNISH ALL MATERIALS FOR A COMPLETE AND WORKABLE LIGHTING SYSTEM. A DULY LICENSED ELECTRICIAN SHALL SUPERVISE ALL LIGHTING RELATED WORK. THE CONTRACTOR SHALL ENSURE THAT ALL EMPLOYEES ARE FAMILIAR WITH THE TYPE OF WORK ENCOUNTERED ON THE PROJECT.
6.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND FOR PROVIDING ALL SUPERVISION, LABOR, MATERIALS AND TOOLS FOR THE PROJECT. THE ONTRACTOR SHALL OBTAIN CITY OF TROY ELECTRICIAN LICENSE PRIOR TO START OF WORK, AND SHALL COORDINATE INSPECTION OF WORK WITH THE CITY OF TROY.
7.

THE CONSTRUCTION OF PROPOSED LIGHTING FACILITIES SHALL BE COORDINATED WITH PROPOSED ROADWAY IMPROVEMENTS ALONG ILLINOIS ROUTE 162 AND OLD TROY ROAD. REFER TO RESPECTIVE PLAN SHEETS AND PROJECT SPECIAL PROVISIONS DETAILED INFORMATION PERTAINING TO THE CONSTRUCTION OF PROPOSED SIDEWALKS, CURB RAMPS, CURB AND GUTTERS, SIGNING, AND/OR ANY OTHER NON-LIGHTING RELATED COMPONENT OF THE PROJECT.
8.

PRIOR TO CONSTRUCTION ACTIVITIES TAKING PLACE, THE CONTRACTOR SHALL COORDINATE WITH AMEREN ILLINOIS TO VERIFY LOCATION OF THE PROPOSED POWER SOURCE, AND WHERE INSTALLATION OF NEW LIGHTING CONTROLLER IS ASSUMED.
9.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION. ALL EXISTING FACILITIES NOT EXPLICITLY IDENTIFIED AS BEING REMOVED OR RELOCATED IN THE PLANS THAT ARE DISTURBED OR OTHERWISE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR, WITH NO ADDITIONAL COMPENSATION.
10.

ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
11.

THE PROPOSED ROUTING OF ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN IN THE PLANS ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED ELECTRICAL CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.
12.

THE LOCATIONS OF PROPOSED LIGHT POLES SHOWN IN THE PLANS ARE APPROXIMATE, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED LIGHT POLE LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY; HOWEVER, THE CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL LIGHT POLE FOUNDATIONS WITH THE CITY OF CHAMPAIGN'S PROJECT CONSTRUCTION REPRESENTATIVE AFTER ALL UTILITIES HAVE BEEN FIELD LOCATED AND/OR EXPOSED. REFER TO PLAN SHEETS FOR ADDITIONAL INFORMATION RELATED TO INTENDED LOCATION OF PROPOSED LIGHT POLES, IN RELATION TO SIDEWALK AND/OR CURBED MEDIAN FACILITIES. THE MINIMUM CLEAR DISTANCE ALLOWED BETWEEN THE BACK OF CURB AND CENTER OF LIGHT POLE SHALL BE 3.0 FT (36 IN.), UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
13.

DIRECTIONAL BORING OR PUSHING OF CONDUIT MAY BE USED INSTEAD OF TRENCHING CONDUIT; HOWEVER, NO ADDITIONAL PAYMENT WILL BE MADE. IF USED, OPEN TRENCHING SHALL BE COORDINATED WITH ROADWAY AND SIDEWALK IMPROVEMENTS TO ALLOW FOR A NEW SURFACE FREE OF ANY TRENCH PATCHING FOLLOWING POLE FOUNDATION, CONDUIT, OR JUNCTION BOX INSTALLATION.

15.

NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES. CONTRACTOR IS RESPONSIBLE FOR REPAIR TO ALL UNDERGROUND UTILITIES DAMAGED DURING INSTALLATION OF ROADWAY LIGHTING IMPROVEMENTS.
16.

EXCAVATION (EARTHEN OR CONCRETE), RESTORATION, OR SEEDING ASSOCIATED WITH INSTALLATION OF CONDUITS, FOUNDATIONS, OR JUNCTION BOXES WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED AS PART OF WORK ASSOCIATED WITH INSTALLING RESPECTIVE PAY ITEMS.
17.

ALL CONDUITS WITH WIRING SHALL BE PROVIDED WITH AN INSULATED COPPER GROUNDING CONDUCTOR SIZED, AS NOTED ON PLANS AND IN ACCORDANCE WITH THE 2023 NATIONAL ELECTRICAL CODE (NEC).
18.

THE CONTRACTOR SHALL PROVIDE PULL STRING IN ALL CONDUITS, INCLUDING THOSE CONDUITS WITH CONDUCTORS INSTALLED. THE PULL STRING WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED AS PART OF WORK ASSOCIATED WITH INSTALLING RESPECTIVE CONDUIT PAY ITEMS.
19.

THE CONTRACTOR SHALL TAG ALL ELECTRICAL CONDUCTORS (PHASE CONDUCTORS, NEUTRALS, AND GROUNDS) WITH PERMANENT TAGS. EACH CONDUCTOR SHALL BE TAGGED IN ALL JUNCTION BOXED AND POLE HANDHOLES. THE TAG SHALL INDICATE THE LIGHTING CONTROLLER AND CIRCUIT NUMBER FROM WHICH THE CONDUCTORS ORIGINATE.
20.

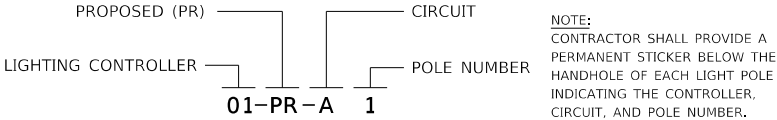
CONDUIT SPLICES WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED AS PART OF WORK ASSOCIATED WITH INSTALLING RESPECTIVE CONDUIT PAY ITEMS.
21.

POLE WIRING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITH THE LUMINAIRE PER ARTICLE 821.03 OF THE STANDARD SPECIFICATIONS.
22.

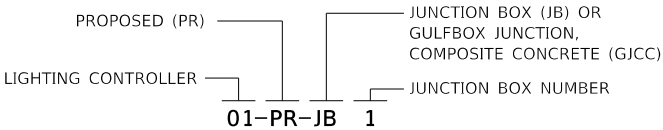
JUNCTION BOXES SHALL INCLUDE THE INTENDED USE CAST INTO THE COVER. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
23.

ALL GROUNDING CONDUCTORS SHALL BE BONDED TOGETHER IN ALL JUNCTION BOXES. SEE LIGHTING DETAIL SHEETS FOR ADDITIONAL INFORMATION.

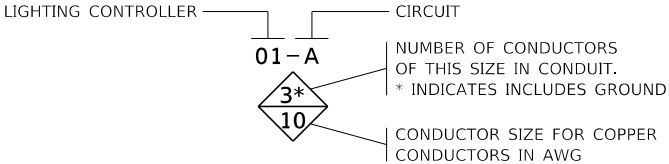
POLE DESIGNATION SCHEME



JUNCTION BOX DESIGNATION SCHEME



CONDUCTOR SYMBOL SCHEME



INDEX OF SHEETS

- 58

GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS, EQUIPMENT LEGEND, EQUIPMENT DESIGNATION SCHEDULE, & ILLUMINANCE SUMMARY TABLE
- 59

SUMMARY OF QUANTITIES TABLE
- 60

QUANTITY SCHEDULES
- 61-64

LIGHTING PLANS
- 65-68

LIGHTING DETAILS

HIGHWAY STANDARDS

- 000001-09

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001006

DECIMAL OF AN INCH AND OF A FOOT
- 701001-02

OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15 ' AWAY
- 701006-05

OFF-RD OPERATIONS, 2L, 2W 15' TO 24' FROM PAVEMENT EDGE
- 701011-04

OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701901-11

TRAFFIC CONTROL DEVICES
- 805001-01

ELECTRICAL SERVICE INSTALLATION DETAILS
- 821101-03

LUMINAIRE WIRING IN POLE
- 825021-04

LIGHTING CONTROLLER BASE MOUNTED, 240V
- 830001-03

LIGHT POLE ALUMINUM MAST ARM
- 836001-05

LIGHT POLE FOUNDATION
- 838001-01

BREAKAWAY DEVICES

LIGHTING EQUIPMENT LEGEND

- PR JUNCTION BOX OR GULFBOX JUNCTION (COMPOSITE CONCRETE)
- PR LIGHTING CIRCUIT CABLING IN PR 2-IN PVC CONDUIT, TRENCHED OR PUSHED
- PR LIGHTING CIRCUIT OR POWER CABLING IN PR 4-IN GALVANIZED STEEL CONDUIT
- PR LIGHTING CONTROLLER CABINET ASSEMBLY ON CONCRETE FOUNDTION
- PR LIGHT POLE ASSEMBLY, 40 FT EMH, 6 FT MAST ARM, ON 2.5 FT DIA. CONCRETE FOUNDATION

ILLUMINANCE DESIGN CRITERIA

ANSI /IES RP-8-25				
Table 12-1: Recommended Pavement Illuminance for Roundabouts				
Values in lux (lx). First number =Average illuminance (E_avg), second = Minimum illuminance (E_min).				
Functional Classification	Pedestrian Activity Classification	Average (lx)	Minimum (lx)	Uniformity Ratio (E_avg/E_min)
Major/ Major	High	34	3.2	3:1
	Medium	26	2.4	3:1
	Low	18	1.7	3:1
Major/ Collector	High	29	2.7	3:1
	Medium	22	2	3:1
Major/ Local	Low	15	1.4	3:1
	High	26	2.4	3:1
	Medium	20	1.9	3:1
Collector/ Collector	Low	13	1.2	3:1
	High	24	2.2	4:1
	Medium	18	1.7	4:1
Collector/ Local	Low	12	1.1	4:1
	High	21	2	4:1
	Medium	16	1.5	4:1
Local/ Local	Low	10	0.9	4:1
	High	18	1.7	6:1
	Medium	14	1.3	6:1
Local/ Local	Low	8	0.7	6:1

ILLUMINANCE DESIGN PERFORMANCE

Illuminance Summary		
Sections	Average (fc)	Uniformity (avg/min)
Roundabout	1.94	2.4

MODEL: Gen-01
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USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1667 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/3/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, STANDARDS, LEGEND, INDEX IL ROUTE 162 - LIGHTING PLANS		
SCALE:NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	59
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: Cns-01
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USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1667 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/3/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING SUMMARY OF QUANTITIES IL ROUTE 162 - LIGHTING PLANS			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	60
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

SPECIAL PROVISION	ITEM	UNIT	TOTAL QUANTITY
	ELECTRIC SERVICE INSTALLATION	EACH	1
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	99
	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1862
*	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	1
*	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	195
*	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	2066
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	12
	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
	LIGHT POLE, ALUMINUM, 40 FT. M.H., 6 FT. MAST ARM	EACH	12
	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	72
	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	48
*	JUNCTION BOX (SPECIAL)	EACH	4

MODEL: Cns-01
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LIGHTING STRUCTURES SCHEDULE										
STRUCTURE NO.	STA	LT/RT	ELECTRIC SERVICE INSTALLATION	GULFBOX JUNCTION, COMPOSITE CONCRETE	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	LIGHT POLE, ALUMINUM, 40 FT. M.H., 6 FT. MAST ARM	LIGHT POLE FOUNDATION, 30" DIAMETER	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	JUNCTION BOX (SPECIAL)
			EACH	EACH	EACH	EACH	EACH	FOOT	EACH	EACH
IL ROUTE 162										
01-PR-B4	544+00.00	27.53' LT			1		1	6	4	
01-PR-B3	545+31.41	21.08' LT			1		1	6	4	
01-PR-B2	546+58.96	24.57' RT			1		1	6	4	
01-PR-A5	548+09.03	73.76' RT			1		1	6	4	
01-PR-A4	549+18.25	26.84' RT			1		1	6	4	
01-PR-A2	550+73.28	21.08' LT			1		1	6	4	
01-PR-A3	552+24.74	32.35' RT			1		1	6	4	
01-PR-JB2	-	-								1
01-PR-JB1	-	-								1
OLD TROY RD										
01-PR-JB14	-	-								1
01-PR-B1	649+09.57	72.20' LT			1		1	6	4	
01-PR-JB3	-	-								1
01-PR-A1	649+48.37	64.72' RT			1		1	6	4	
01-PR-GJCC1	-	-		1						
PR CONT 01	649+56.42	65.34' RT				1				
PR ELEC SERV	-	-	1							
01-PR-C1	650+37.79	24.11' LT			1		1	6	4	
01-PR-C2	651+41.15	21.67' RT			1		1	6	4	
01-PR-B2	652+76.81	22.39' LT			1		1	6	4	
TOTAL:			1	1	12	1	12	72	48	4
USE:			1	1	12	1	12	72	48	4
*NOTE: STATION AND OFFSET INFORMATION NOT PROVIDED FOR PROPOSED JUNCTION BOXES, AS THE ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.										

LIGHTING CONDUIT & CABLE SCHEDULE							
LOCATION				UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	UNDERGROUND CONDUIT, PVC, 2" DIA.	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10
FROM	TO	C-C DIST.	# OF	FOOT	FOOT	FOOT	FOOT
01-PR-B4	01-PR-B3	138	1		144		146
01-PR-B3	01-PR-B2	126	1		132		134
01-PR-B2	01-PR-B1	102	1		108		110
01-PR-B1	01-PR-JB3	5	1		9		13
01-PR-JB3	01-PR-C1	134	1		138		142
01-PR-C1	01-PR-C2	100	1		106		108
01-PR-C2	01-PR-C3	138	1		144		146
01-PR-JB3	01-PR-GJCC1	140	1		138		284
01-PR-GJCC1	01-PR-JB14	65	1	64			
01-PR-GJCC1	01-PR-A1	5	1		9		13
01-PR-A1	01-PR-A2	206	1		212		214
01-PR-A2	01-PR-JB1	160	1		164		168
01-PR-JB1	01-PR-JB2	56	1		54		58
01-PR-JB2	01-PR-A3	5	1		9		13
01-PR-A3	01-PR-A4	310	1		316		318
01-PR-A4	01-PR-A5	125	1		131		133
01-PR-GJCC1	PR-CONT-01	8	4		48		66
PR-CONT-01	PR ELEC SERV	15	1	35		195	
TOTAL:				99	1862	195	2066
USE:				99	1862	195	2066



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1667 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/3/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING SCHEDULES IL ROUTE 162 - LIGHTING PLANS			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	61
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

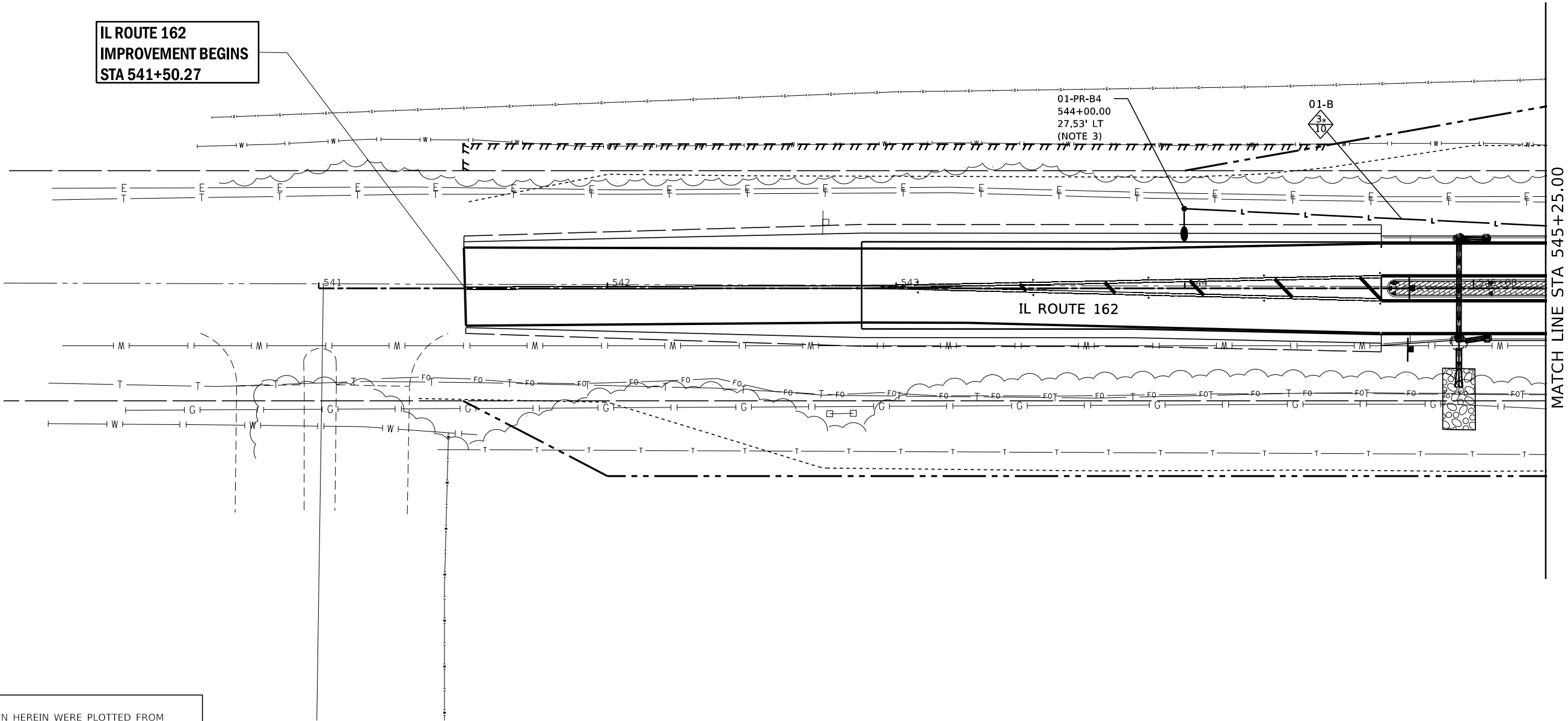
GENERAL NOTES (THIS SHEET):

1.

THE PROPOSED ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.
2.

LIGHT POLE LOCATIONS MAY BE ADJUSTED IN THE FIELD, IF NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY; HOWEVER, THE CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL LIGHT POLE FOUNDATIONS WITH THE CITY OF TROY'S PROJECT CONSTRUCTION REPRESENTATIVE AFTER ALL UTILITIES HAVE BEEN FIELD LOCATED AND/OR EXPOSED. CONTRACTOR SHALL ENSURE ALL PROPOSED FOUNDATIONS ARE INSTALLED IN LOCATIONS THAT WILL PROVIDE NO LESS THAN 3 FT. SEPARATION BETWEEN BACK OF CURB AND CENTER OF THE PROPOSED LIGHT POLE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3.

DENOTED LIGHT POLE ASSEMBLY SHALL INCLUDE A HOUSE SIDE SHIELD FOR THE LUMINAIRE.



UTILITY NOTE:
THE UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NON-EXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SHALL LOCATE THE UTILITIES IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION IMPROVEMENTS.



USER NAME = Chris.Wilson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/3/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLANS
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STATION 542+88.02 TO STATION 545+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	62
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL - sheet 1
FILE NAME: S:\projects\17-00034-00-PV-IL 162 and Old Troy Rd Roundabout\Design\CAD\ Sheets\DRW\586-shi-FULLCLOSURE-LightingPlans.dgn

GENERAL NOTES (THIS SHEET):

1.

DENOTED PROPOSED POWER POLE ASSUMED SERVICE DROP LOCATION. COORDINATION WITH AMEREN ILLINOIS IS REQUIRED TO VERIFY FINAL LOCATION FOR NEW ELECTRIC SERVICE DROP.
2.

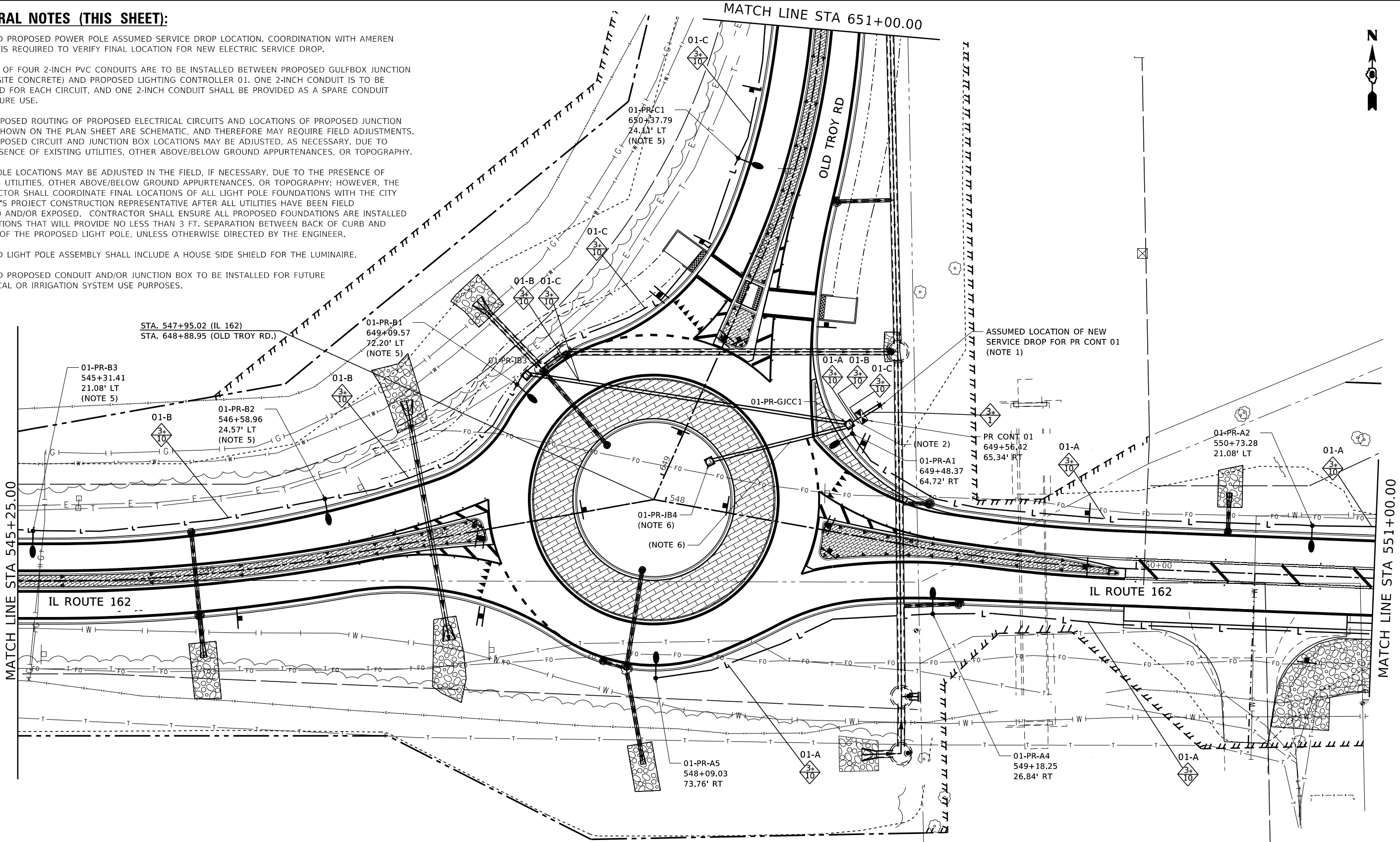
A TOTAL OF FOUR 2-INCH PVC CONDUITS ARE TO BE INSTALLED BETWEEN PROPOSED GULFBOX JUNCTION (COMPOSITE CONCRETE) AND PROPOSED LIGHTING CONTROLLER 01. ONE 2-INCH CONDUIT IS TO BE PROVIDED FOR EACH CIRCUIT, AND ONE 2-INCH CONDUIT SHALL BE PROVIDED AS A SPARE CONDUIT FOR FUTURE USE.
3.

THE PROPOSED ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.
4.

LIGHT POLE LOCATIONS MAY BE ADJUSTED IN THE FIELD, IF NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY; HOWEVER, THE CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL LIGHT POLE FOUNDATIONS WITH THE CITY OF TROY'S PROJECT CONSTRUCTION REPRESENTATIVE AFTER ALL UTILITIES HAVE BEEN FIELD LOCATED AND/OR EXPOSED. CONTRACTOR SHALL ENSURE ALL PROPOSED FOUNDATIONS ARE INSTALLED IN LOCATIONS THAT WILL PROVIDE NO LESS THAN 3 FT. SEPARATION BETWEEN BACK OF CURB AND CENTER OF THE PROPOSED LIGHT POLE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
5.

DENOTED LIGHT POLE ASSEMBLY SHALL INCLUDE A HOUSE SIDE SHIELD FOR THE LUMINAIRE.
6.

DENOTED PROPOSED CONDUIT AND/OR JUNCTION BOX TO BE INSTALLED FOR FUTURE ELECTRICAL OR IRRIGATION SYSTEM USE PURPOSES.



UTILITY NOTE:
THE UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NON-EXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SHALL LOCATE THE UTILITIES IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION IMPROVEMENTS.



USER NAME = Chris.Wilson
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 10/3/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

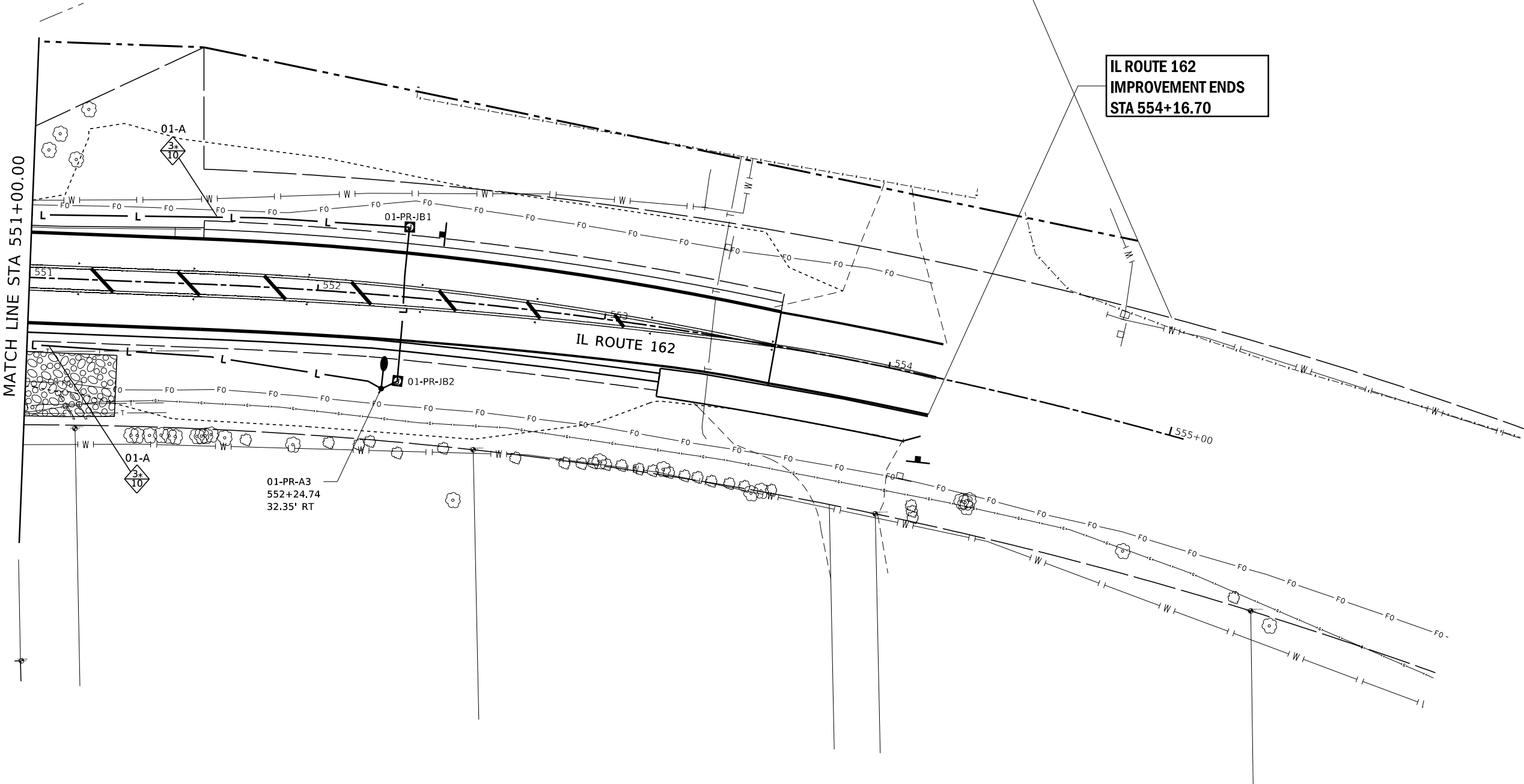
LIGHTING PLANS
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20'
SHEET 2 OF 4 SHEETS
STATION 545+25.00 TO STATION 551+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	63
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		

GENERAL NOTES (THIS SHEET):

1. THE PROPOSED ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.
2. LIGHT POLE LOCATIONS MAY BE ADJUSTED IN THE FIELD, IF NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY; HOWEVER, THE CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL LIGHT POLE FOUNDATIONS WITH THE CITY OF TROY'S PROJECT CONSTRUCTION REPRESENTATIVE AFTER ALL UTILITIES HAVE BEEN FIELD LOCATED AND/OR EXPOSED. CONTRACTOR SHALL ENSURE ALL PROPOSED FOUNDATIONS ARE INSTALLED IN LOCATIONS THAT WILL PROVIDE NO LESS THAN 3 FT. SEPARATION BETWEEN BACK OF CURB AND CENTER OF THE PROPOSED LIGHT POLE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



UTILITY NOTE:
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USER NAME = Chris.Wilson
DESIGNED -
DRAWN -
PLOT SCALE = 40.0000 ' / in.
CHECKED -
PLOT DATE = 10/3/2025
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLANS
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STATION 551+00.00 TO STATION 553+59.81

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	64
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES (THIS SHEET):

1.

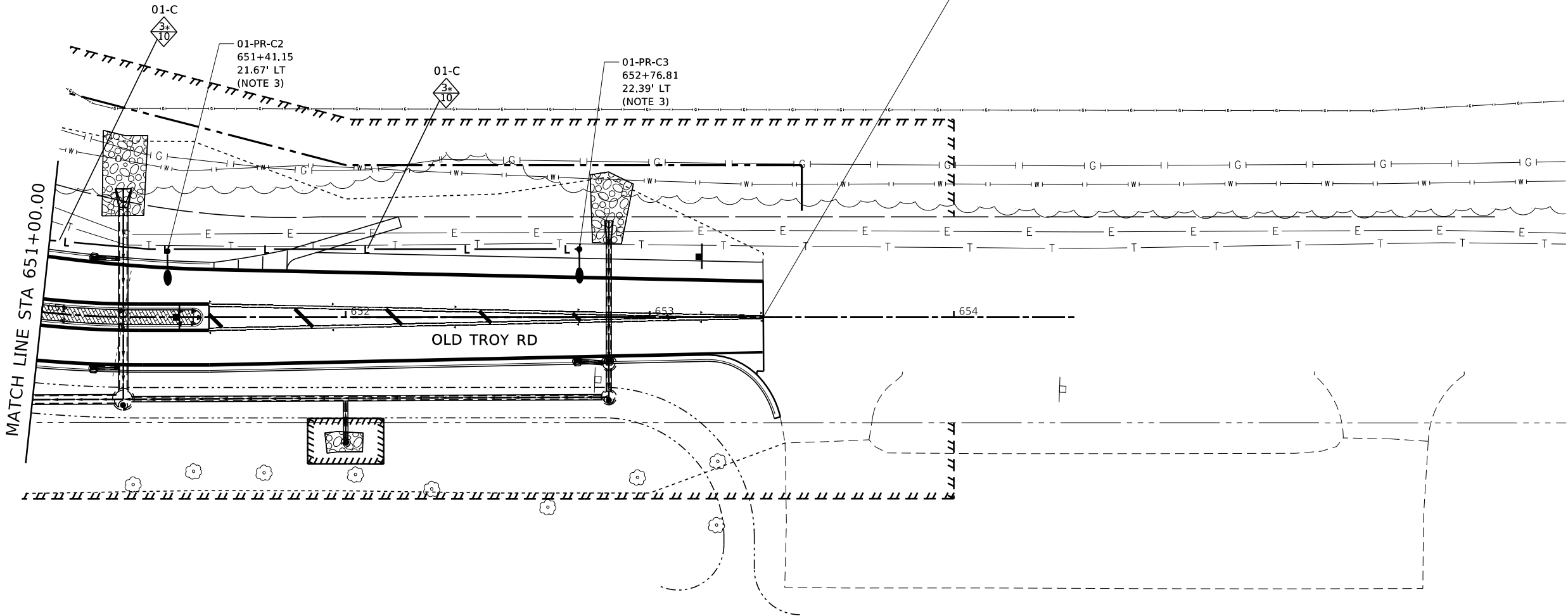
THE PROPOSED ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.
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3.

DENOTED LIGHT POLE ASSEMBLY SHALL INCLUDE A HOUSE SIDE SHIELD FOR THE LUMINAIRE.



OLD TROY ROAD
IMPROVEMENT BEGINS
STA 653+37.30



UTILITY NOTE:
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USER NAME	= Chris.Wilson	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 40.0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 10/3/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLANS
IL ROUTE 162 AND OLD TROY ROAD

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STATION 651+00.00 TO STATION 653+95.95

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	65
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL: sheet 4
FILE NAME: S:\projects\118-0015-04HY IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\DRB\AP586-shr-FULLCLOSURE-LightingPlanShs.dgn



Project

Marked Route Number	Municipality
IL 162	IDOT

Roadway

Structure

Luminaire

Layout

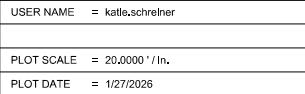
Performance (see notes 5 and 6)

Light Trespass (see notes 5 and 7)

Notes

Printed 01/27/26

BDE 5630 (Rev. 06/06/24)



DESIGNED	-	NMN
DRAWN	-	WJS
CHECKED	-	TWK
DATE	-	

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

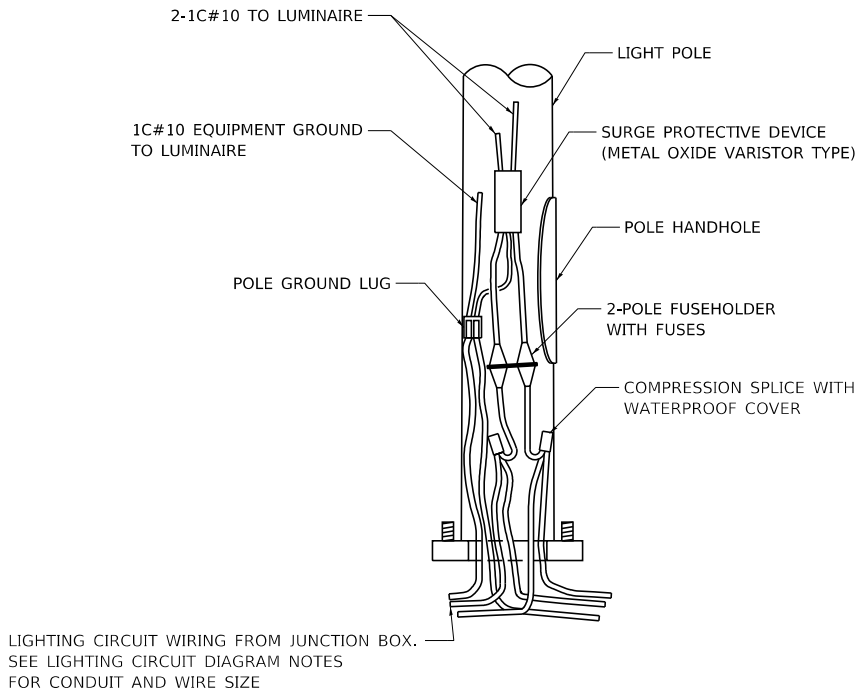
LIGHTING DETAILS

SCALE:	SHEET	1	OF	4	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	66
* FAP-586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		

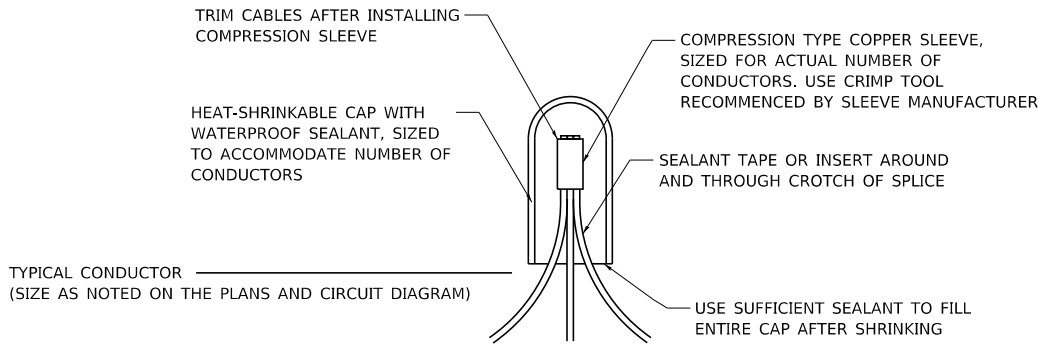
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MODEL DET 02
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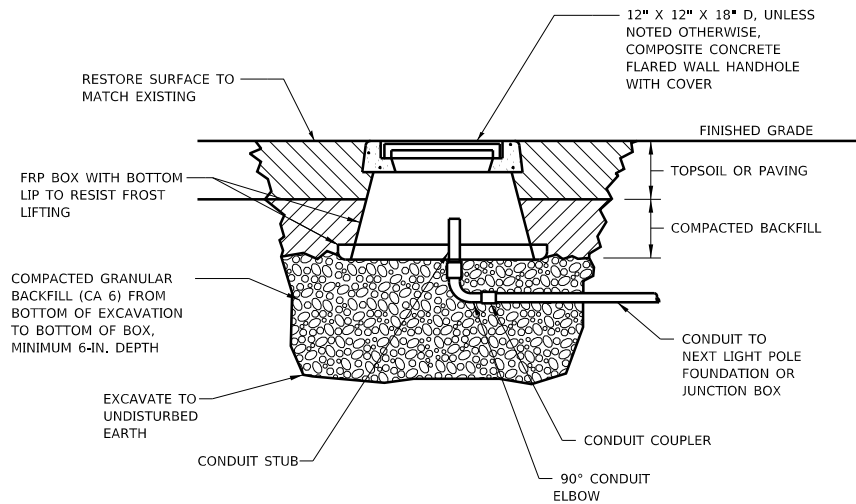
- NOTES:
- 1C#10 LIGHT POLE WIRING SHOWN IS INCLUDED IN THE LUMINAIRE PAY ITEM.
 - CONDUCTOR SLACK IS REQUIRED BUT NOT SHOWN. CONDUCTOR SLACK IN LIGHT POLES SHALL BE OF A LENGTH SUFFICIENT TO BE WITHDRAWN A MINIMUM OF 18" OUT OF POLE HANDHOLE.

LIGHT POLE WIRING DETAIL
SCALE: N.T.S.



- NOTES:
- NUMBER OF CONDUCTORS IN SPLICE MAY VARY.
 - PROVIDE WATERPROOF SPLICE FOR ALL SPLICES AND TERMINATIONS. SPLICES SHALL BE ACCORDING TO ARTICLE 1066.06(b).

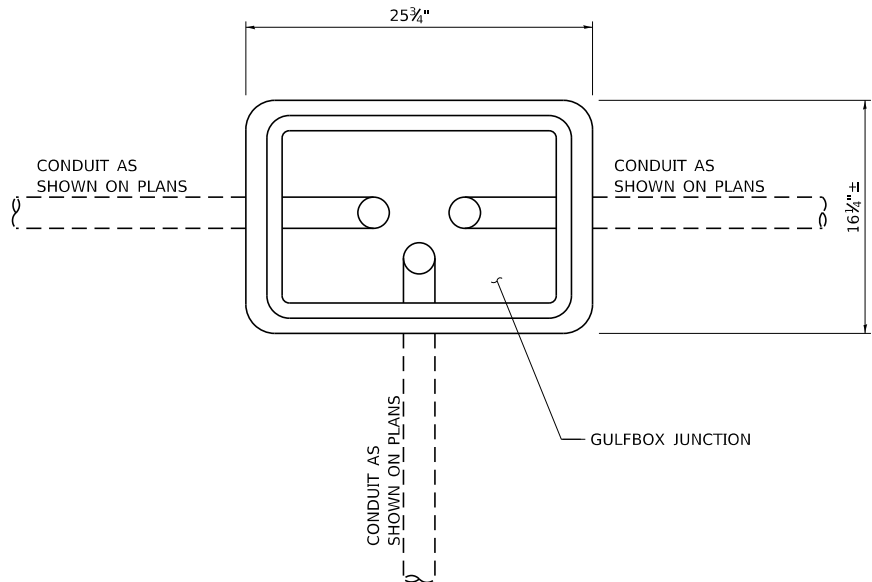
WATERPROOF SPLICE DETAIL
SCALE: N.T.S.



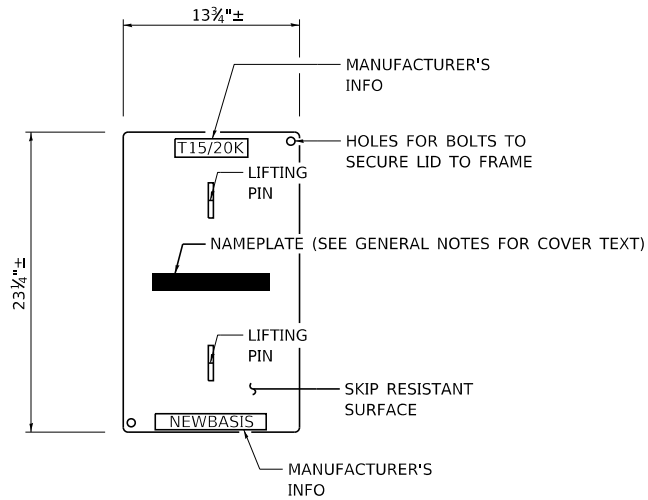
- NOTES
- PROVIDE JUNCTION BOX ACCORDING TO STANDARD SPECIFICATIONS SECTION 813.
 - INSTALL TOP FLUSH WITH FINISHED GRADE. MATCH SLOPE OF FINISHED GRADE.
 - CONDUITS ENTERING JUNCTION BOX SHALL BE VERTICAL AND PERPENDICULAR TO BOTTOM OF BOX. POSITION CONDUITS NEAR CENTER OF BOX.

JUNCTION BOX (SPECIAL) DETAIL
SCALE: N.T.S.

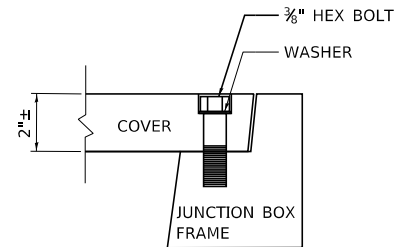
 103 West Vandalia St. #1000 Edwardsville, IL 62025 PHONE: 618.667.1400	USER NAME = Chris.Wilson		DESIGNED - NMN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING DETAILS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - WJS		CHECKED - TWK	REVISED -							*	17-00034-00-PV	MADISON	80	67
	PLOT SCALE = 20.0000 ' / in.		DATE -	REVISED -		SCALE:		SHEET 2 OF 4 SHEETS	STA.	TO STA.					
	PLOT DATE = 10/3/2025		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
			CONTRACT NO. 97877												



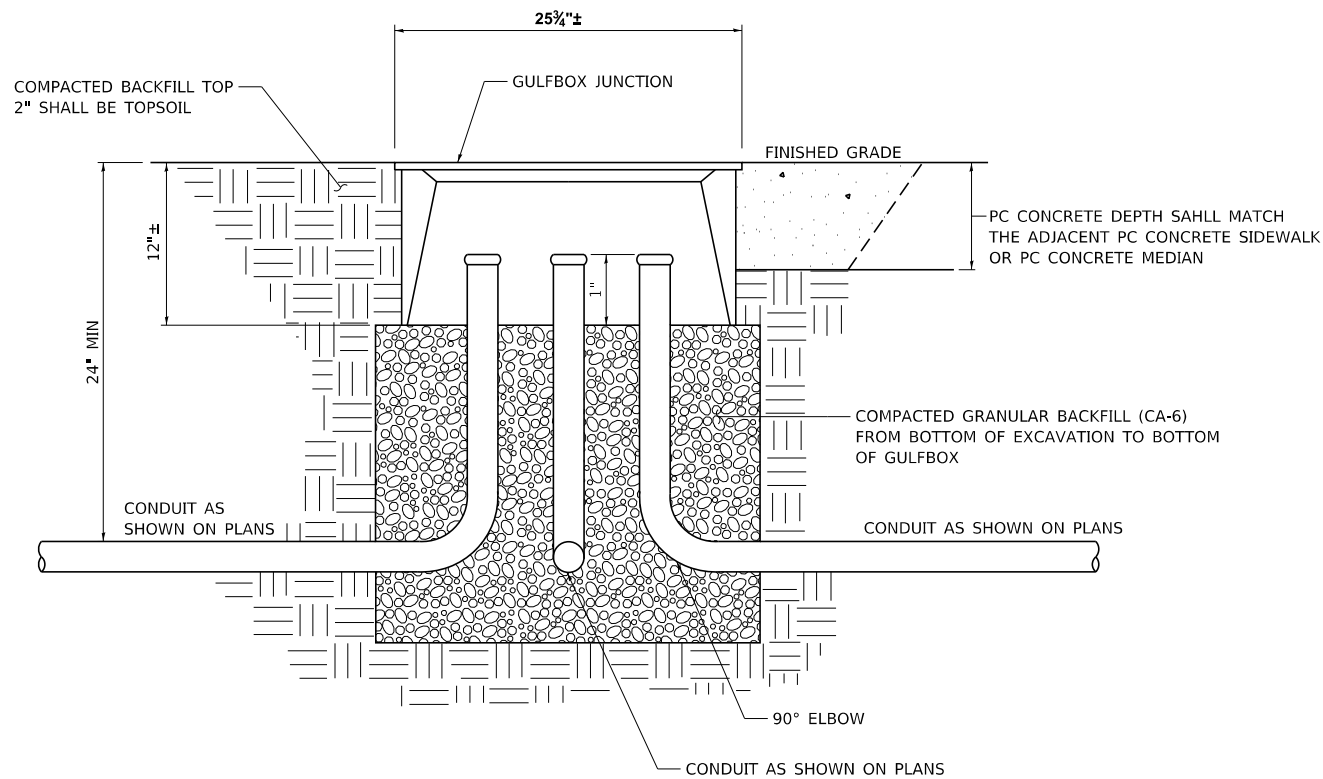
PLAN
SCALE: N.T.S.



COVER
SCALE: N.T.S.



COVER SECURING DETAIL
SCALE: N.T.S.



NOTES:

- SEE SPECIAL PROVISIONS FOR ADDITIONAL GULFBOX SPECIFICATIONS.
- DIMENSIONS SHOWN ARE FOR A NEWBASIS FCA132412T-00006 GULFBOX, SIMILAR UNITS WILL BE ALLOWED AS APPROVED BY THE ENGINEER.
- CONDUITS ENTERING GULFBOX SHALL BE VERTICAL AND PLUMB. POSITION ALL CONDUITS NEAR THE CENTER OF THE GULFBOX.
- THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR GULFBOX JUNCTION, COMPOSITE CONCRETE, WHICH PRICE WILL BE PAYMENT IN FULL FOR ALL LABOR, EQUIPMENT AND MATERIALS TO FURNISH AND INSTALL THE GULFBOX.
- INFORMATION SHOWN ON THE DETAILS IS DIAGRAMMATIC AND REPRESENTS A TYPICAL SITUATION. CONTRACTOR TO VERIFY EXACT NUMBER OF CONDUITS ENTERING AND LEAVING THE GULFBOX AS SHOWN ON THE PLANS.

MODEL DET 03
FILE NAME: S:\Projects\18-0015-04Y IL 162 and Old Troy Rd Roundabout\Design\CADD Sheets\18-0015-04Y IL 162 and Old Troy Rd Roundabout\LightingDetails.dgn



USER NAME	= Chris.Wilson
DESIGNED	- NMN
DRAWN	- WJS
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 10/3/2025

DESIGNED	- NMN
DRAWN	- WJS
CHECKED	- TWK
DATE	-

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REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING DETAILS

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
+	17-00034-00-PV	MADISON	80	68
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

MODEL DET 04
FILE NAME: S:\Projects\17-0015-OHY IL 162 and OH Troy Rd Roundabout\Design\CADD Sheets\17-0015-OHY IL 162 and OH Troy Rd Roundabout\LightingDetails.dgn



USER NAME	= Chris.Wilson
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 10/3/2025

DESIGNED -	NMN
DRAWN -	WJS
CHECKED -	TWK
DATE -	

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
+	17-00034-00-PV	MADISON	80	69
* FAP-586/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

LEGEND



PR LIGHT POLE ASSEMBLY



PR JUNCTION BOX OR GULFBOX JUNCTION



PR GROUND CONNECTION



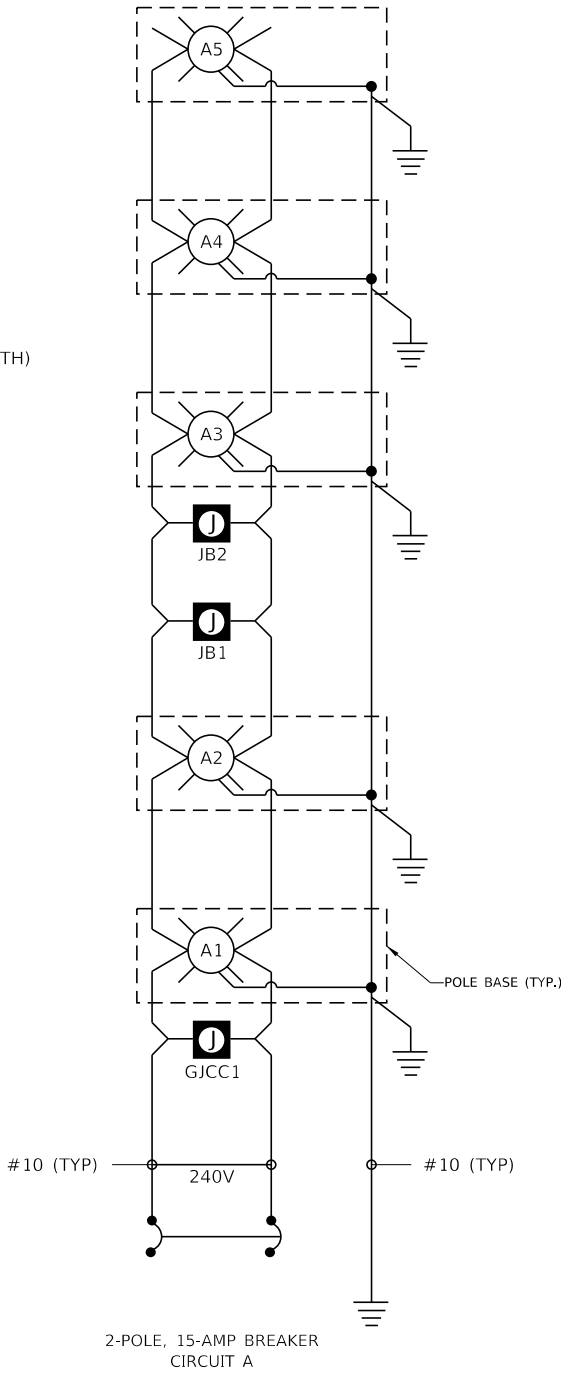
PR GROUND ROD



PR 2-POLE, 15-AMP BREAKER

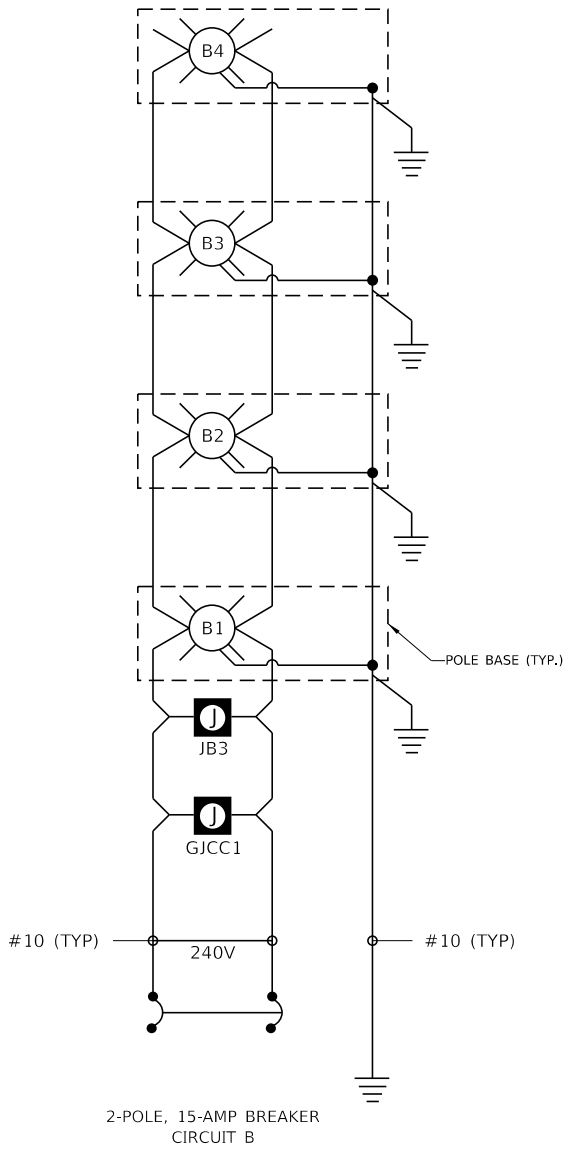


PR CONCRETE FOUNDATION (30" DIA. X 6 FT DEPTH)



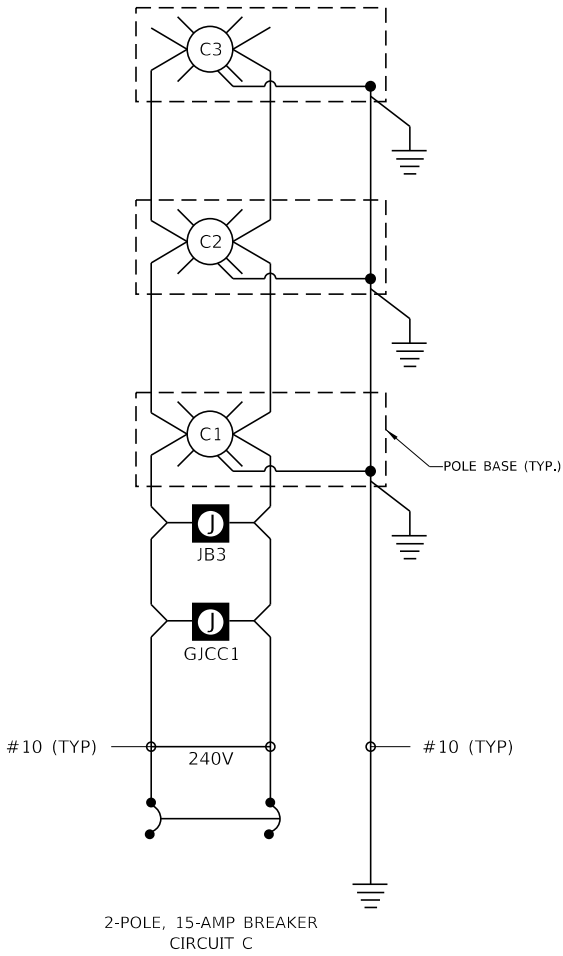
WIRING DIAGRAM

CIRCUIT A



WIRING DIAGRAM

CIRCUIT B



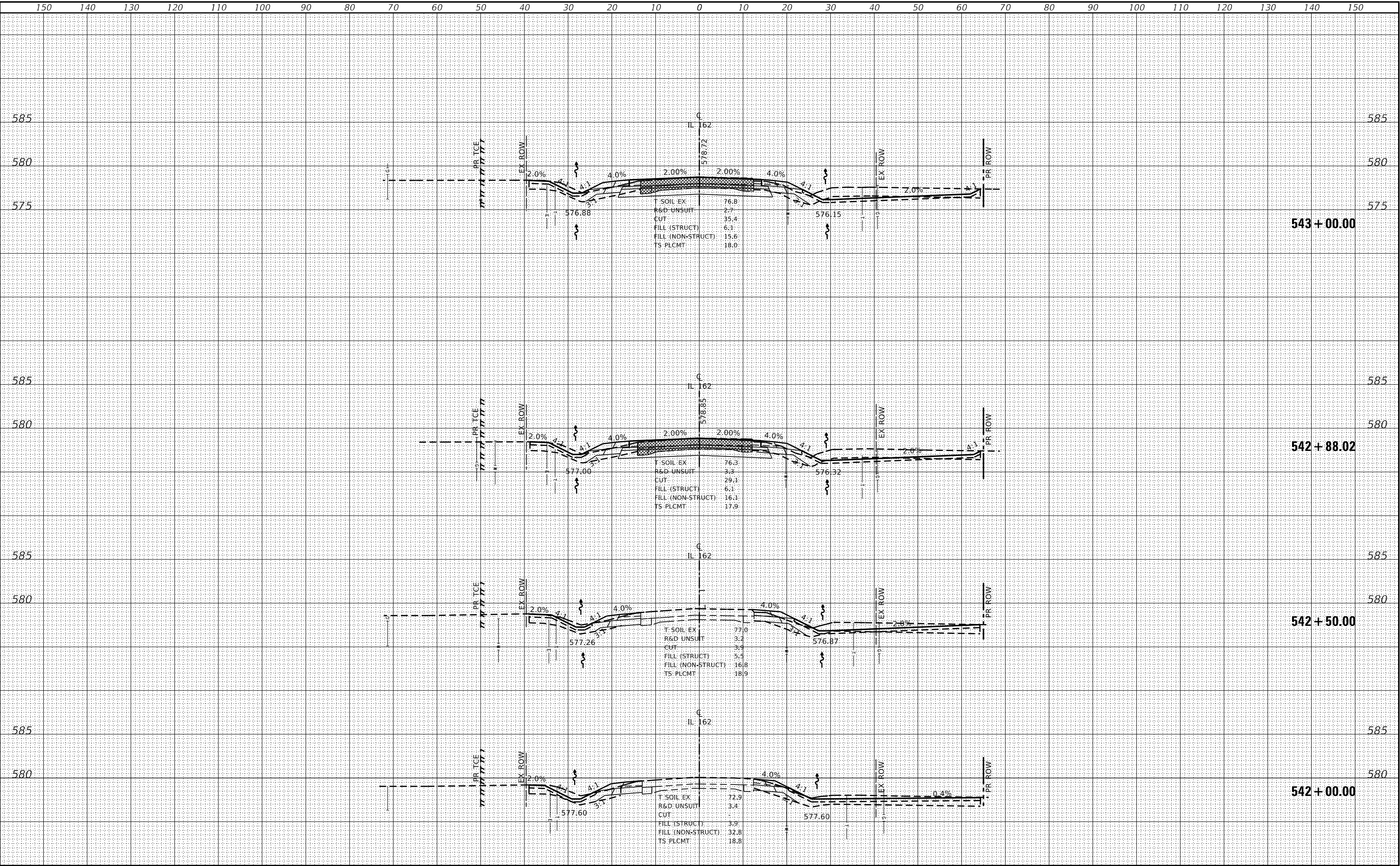
WIRING DIAGRAM

CIRCUIT C

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

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

MODEL Default
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USER NAME = Chris.Wilson
PLOT SCALE = 20,0000 ' / in.
PLOT DATE = 10/1/2025

DESIGNED -
DRAWN -
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REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL ROUTE 162

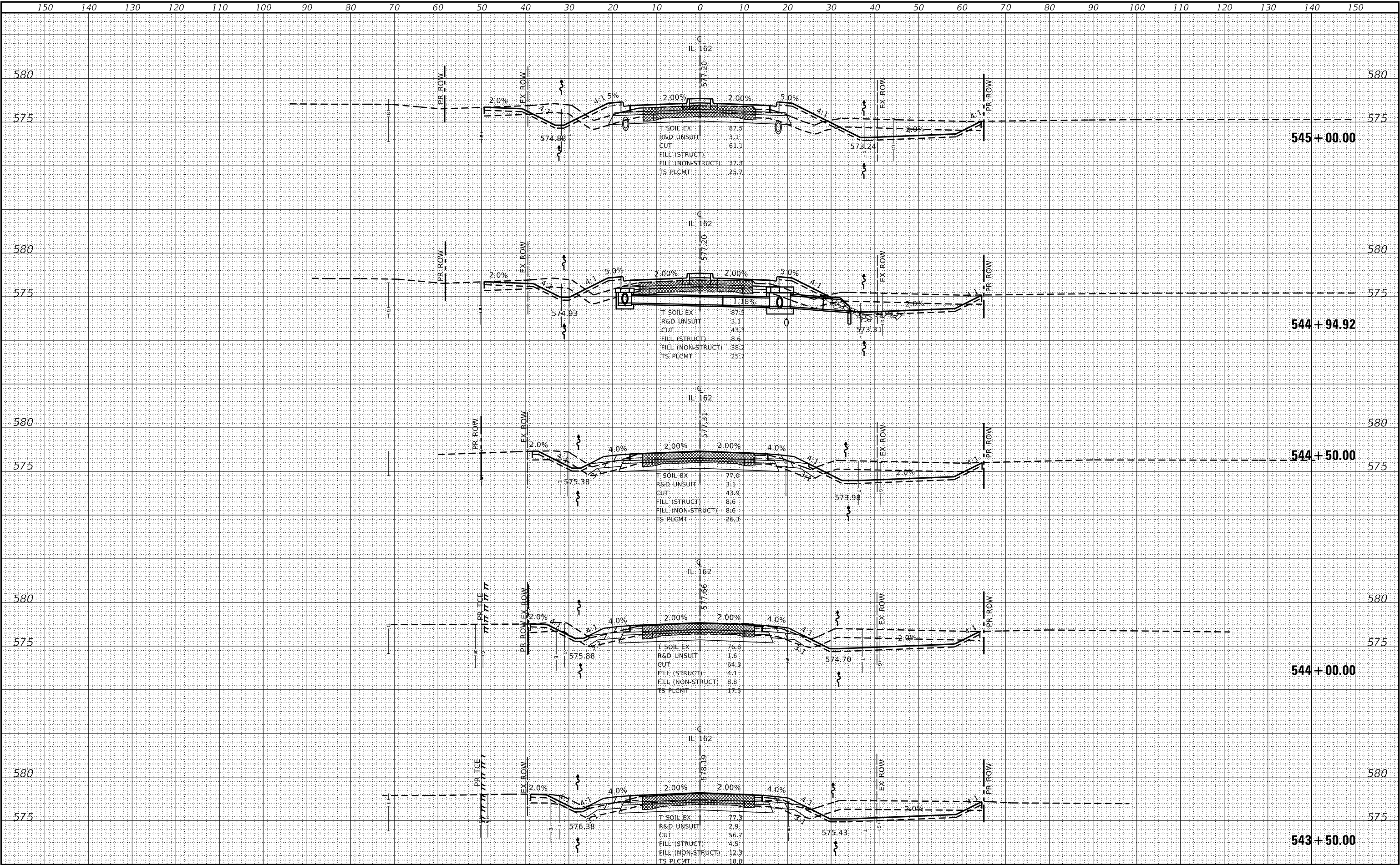
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	70
* FAP 286/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL ROUTE 162

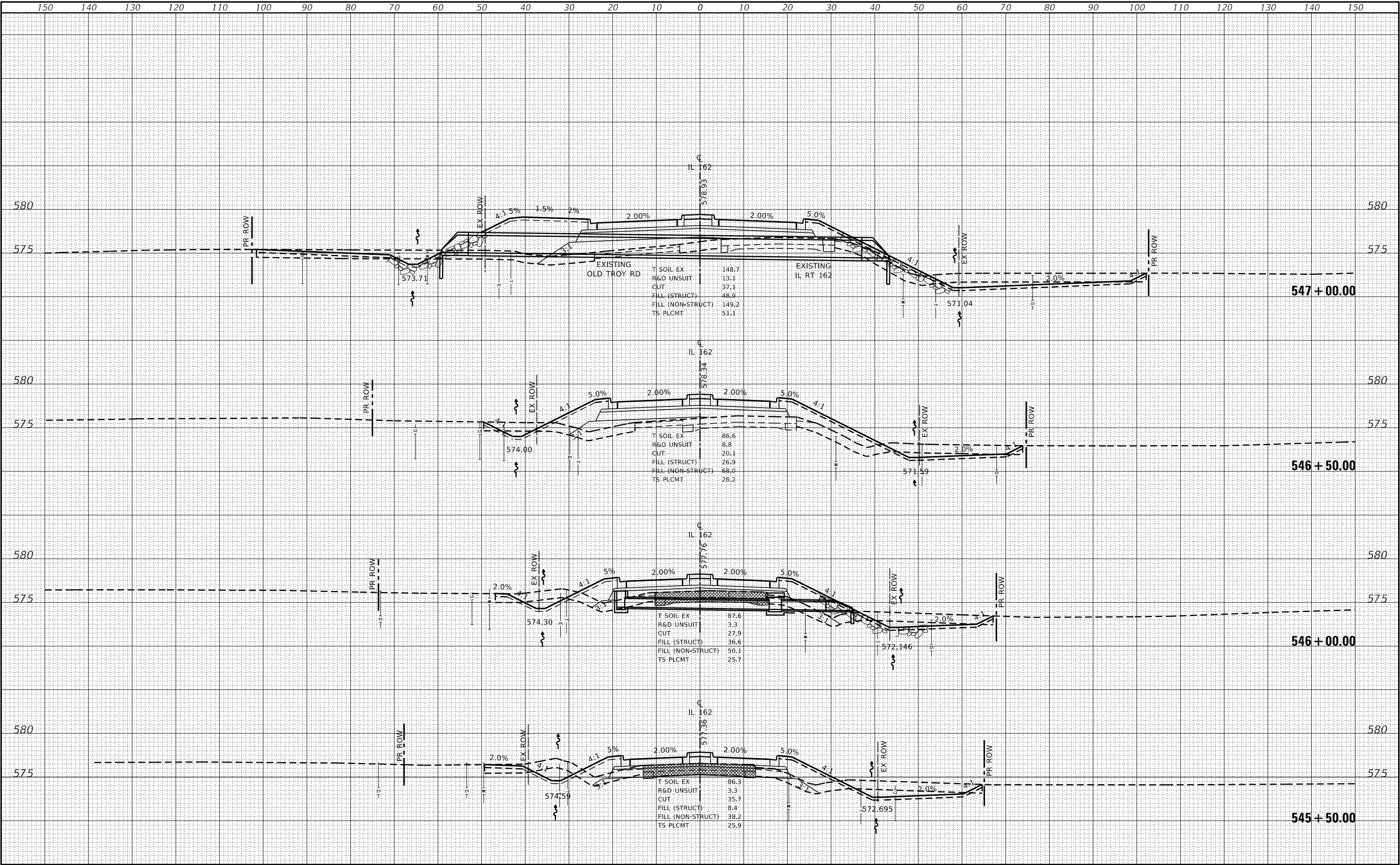
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*	17-00034-00-PV	MADISON	80	71
* FAP 286/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		

FINAL	DATE
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NOTE BOOK	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL ROUTE 162

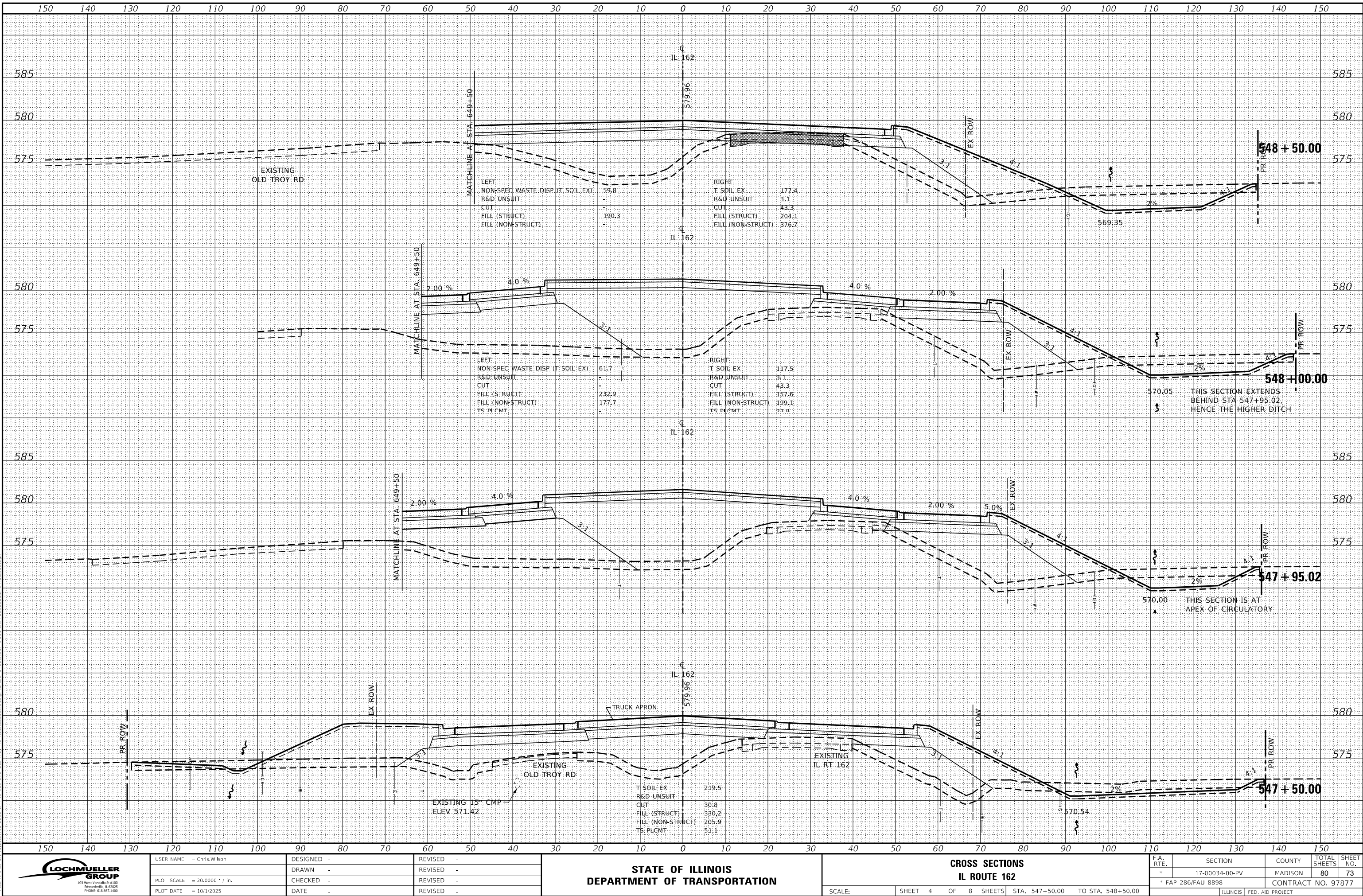
SCALE: SHEET 3 OF 8 SHEETS STA. 545+50.00 TO STA. 547+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	72
* FAP 286/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS	FED. AID PROJECT	

FINAL	DATE
SURVEY	BY
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**LOCHMUELLER
GROUP**
103 West Vandalia St #100
Edwardsville, IL 62025
PHONE: 618.667.1400

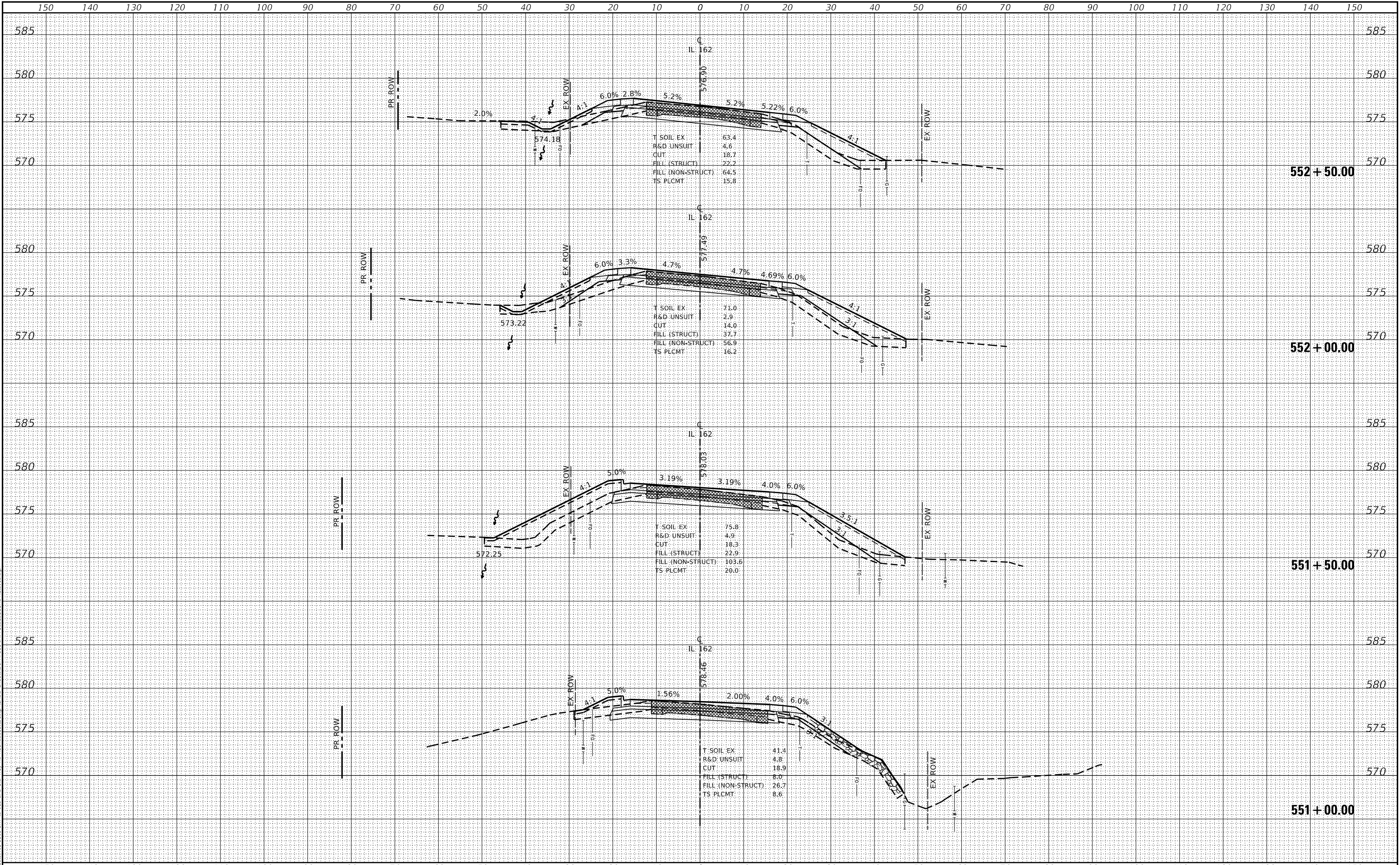
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	75
* FAP 286/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		

FINAL	SURVEYED	DATE
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NOTE BOOK	TEMPLATE	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL ROUTE 162

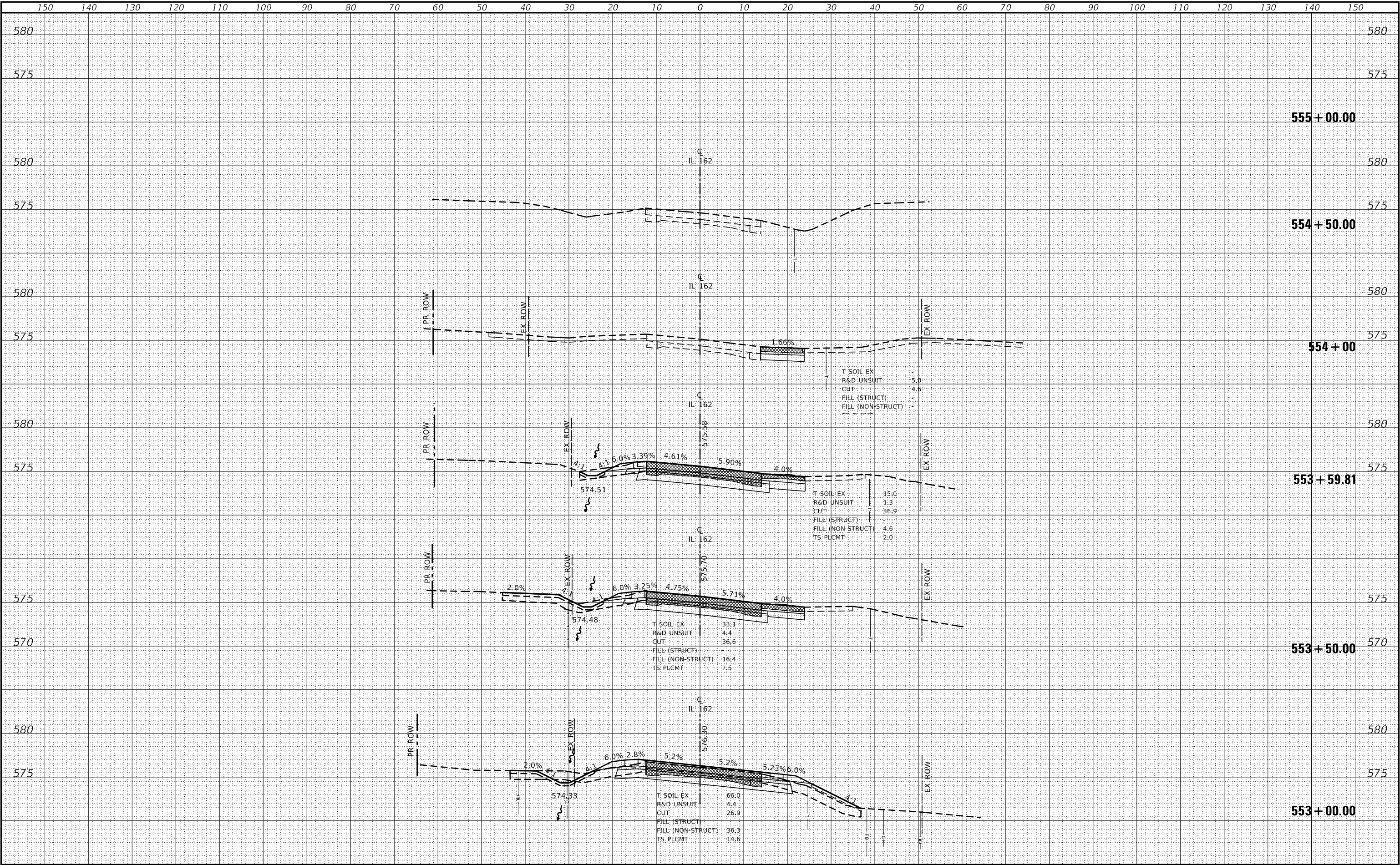
SCALE: SHEET 7 OF 8 SHEETS STA. 551+00.00 TO STA. 552+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	76
* FAP 286/FAU 8898		CONTRACT NO. 97877		
		ILLINOIS FED. AID PROJECT		

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL ROUTE 162

SCALE: SHEET 8 OF 8 SHEETS STA. 553+00.00 TO STA. 555+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	77
* FAP 286/FAU 8898 CONTRACT NO. 97877				
ILLINOIS FED. AID PROJECT				

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



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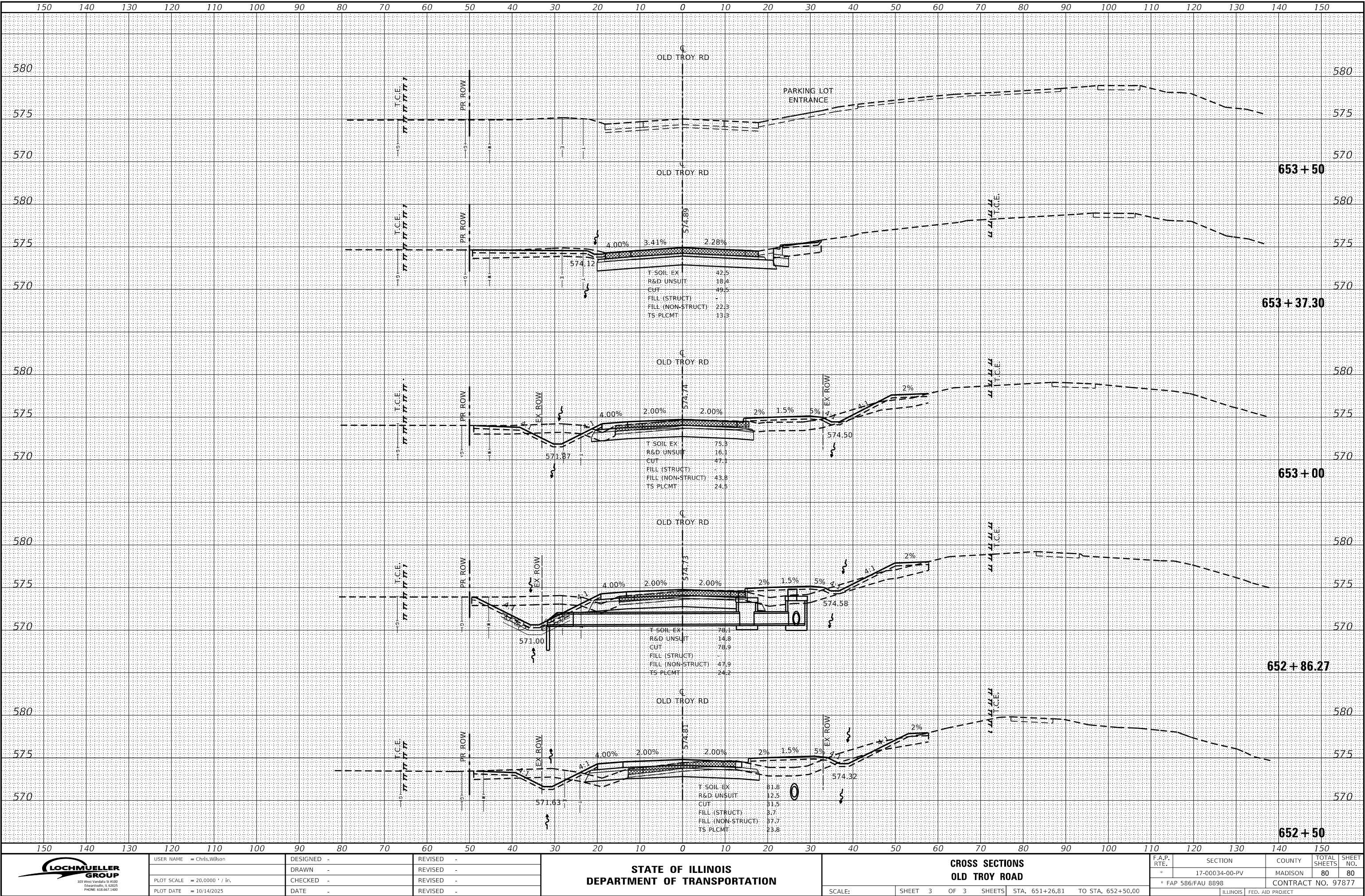
SCALE:	SHEET 2 OF 3 SHEETS	STA. 650+00.00 TO STA. 651+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	79
* FAP 586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		

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

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
OLD TROY ROAD

SCALE: SHEET 3 OF 3 SHEETS STA. 651+26.81 TO STA. 652+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00034-00-PV	MADISON	80	80
* FAP 586/FAU 8898		CONTRACT NO. 97877		
ILLINOIS		FED. AID PROJECT		