

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	23-00276-15-BT	ST. CLAIR	77	1
		ILLINOIS	CONTRACT NO.	

ST. CLAIR COUNTY TRANSIT DISTRICT

# PLANS FOR PROPOSED OLD COLLINSVILLE ROAD TRAIL PHASE 4

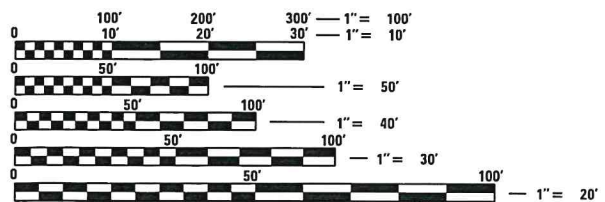
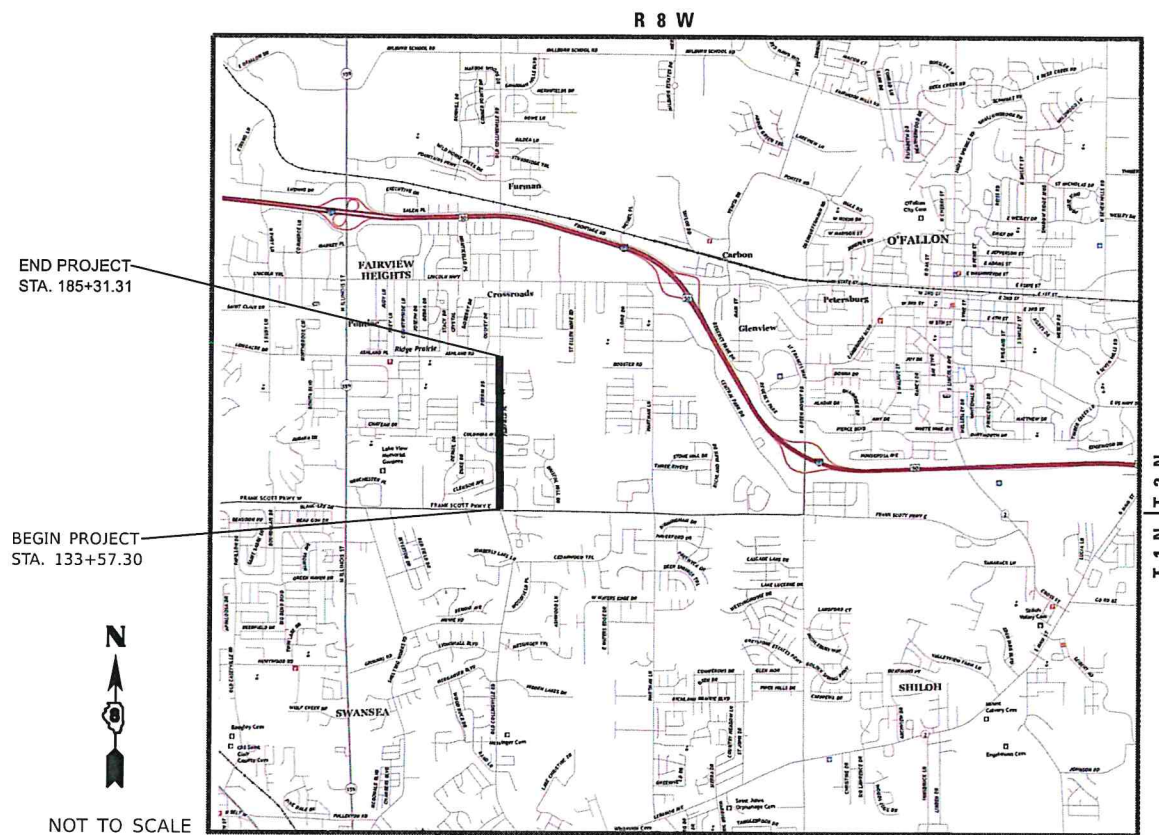
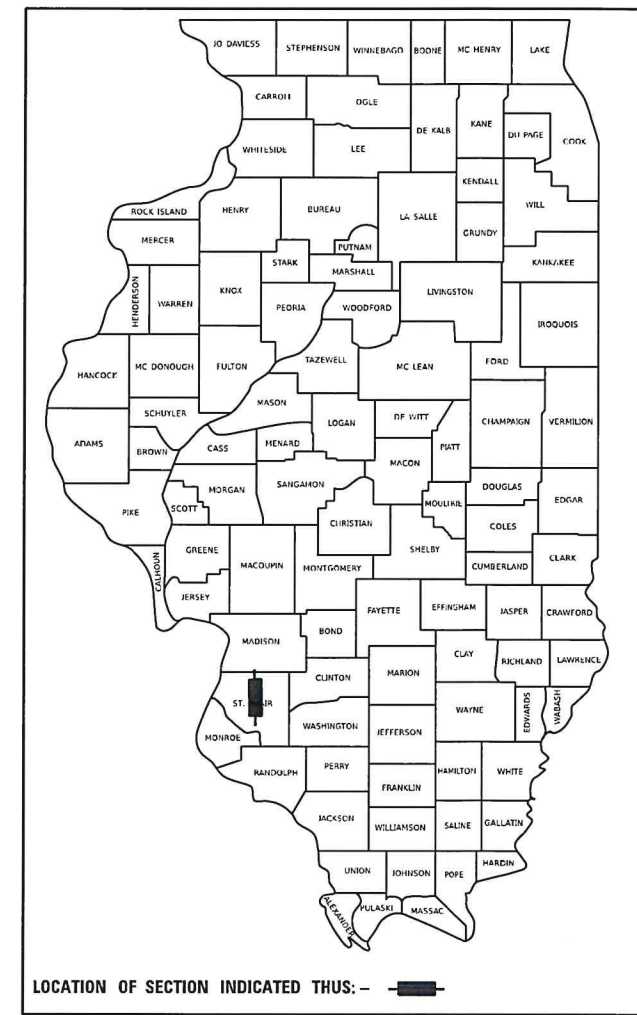
ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES  
SECTION NO. 23-00276-15-BT  
ST. CLAIR COUNTY  
2024

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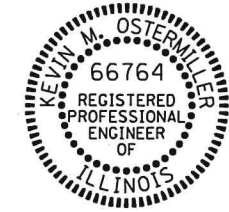
**IDOT HIGHWAY STANDARDS**  
(INSERTED AT END OF DRAWING SET)

- 000001-08 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
- 420001-10 PAVEMENT JOINTS
- 420106-07 36' (10.8 m) JOINTED PCC PAVEMENT
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424026-03 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
- 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' (1.22 M) 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
- 604091-05 FRAME AND GRATE TYPE 24
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45MPH
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-09 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 838001-01 BREAKAWAY DEVICES



**PROJECT LENGTH = 5174.01' (0.980 MILES)**

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



*Kevin M. Ostermiller*  
KEVIN M. OSTERMILLER, P.E.  
LICENSE NO. 062-066764  
3/19/2024  
EXPIRATION DATE 11-30-2025



PLANS PREPARED BY:  
4940 Old Collinsville Road  
Swansea, Illinois 62226  
Tel: 618.624.4488  
www.twm-inc.com  
Illinois Professional Design Firm  
No. 184-001220  
License Expires: 04/30/2025  
ILLINOIS - MISSOURI - TENNESSEE

ST. CLAIR COUNTY STATE OF ILLINOIS	
APPROVED _____ 20____	KEN SHARKEY, SCCTD
RELEASED FOR _____ 20____ BID BASED ON LIMITED REVIEW	
ST. CLAIR COUNTY ENGINEER	

**GENERAL**

FOR CODED PAY ITEM DESCRIPTIONS, INCLUDED ITEMS, AND ALL MATERIAL SPECIFICATIONS, PLEASE REFER TO THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAVE WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE ST. CLAIR COUNTY TRANSIT DISTRICT WILL PROVIDE ALL REFERENCE POINTS OR BENCHMARKS AS NEEDED BY THE CONTRACTOR TO CONSTRUCT THE IMPROVEMENTS AS PROPOSED HEREIN.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE ENGINEER AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN PER PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

ANY REFERENCE TO AN IDOT HIGHWAY STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

**TREE REMOVAL**

TREES WILL BE REMOVED WITHIN THE LIMITS OF CONSTRUCTION AS STATED IN THE SPECIAL PROVISIONS. ANY TREES TO BE REMOVED ARE MARKED WITH A "X" IN THE PLANS.

**PROPERTY OWNER ACCESS**

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION, UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS, WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURE.

**PAVING**

CONTINUOUS PAVING OPERATIONS ON MAINLINE BIKE TRAIL SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT PAVEMENT.

**MAILBOXES**

ALL MAILBOXES TO BE RELOCATED SHALL BE PROVIDED TEMPORARY LOCATIONS WHEN REQUIRED AT NO EXTRA COST TO THE PROJECT. FINAL RELOCATED LOCATIONS SHALL BE SPECIFIED DURING CONSTRUCTION PER THE FIELD ENGINEER.

**STREET SIGNS**

ALL STREET SIGNS TO BE RELOCATED SHALL BE PROVIDED TEMPORARY LOCATIONS WHEN REQUIRED AT NO EXTRA COST TO THE PROJECT. FINAL RELOCATED LOCATIONS SHALL BE SPECIFIED DURING CONSTRUCTION PER THE FIELD ENGINEER.

ANY SIGNS DAMAGED DURING REMOVAL, STORAGE, OR RE-ERECTION SHALL BE REPLACED AS PART OF THIS CONTRACT.

**UTILITIES**

THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS; THEREFORE, THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES AT THIS LOCATION PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS, WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

ANY SUBSURFACE UTILITY WITHIN THE CONSTRUCTION LIMITS IS TO BE VERIFIED FOR ACTIVITY AND ALL ABANDONED UTILITIES ARE TO BE REMOVED. COST INCLUDED IN COST OF EARTH EXCAVATION.

**LIST OF UTILITIES**

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

- ELECTRIC = AMEREN IP  
ROBER ROEHRIG (618)-830-0295
- GAS = AMEREN IP  
JOE FOSTER (618)-301-7410
- WATER = CITY OF O' FALLON  
JEFF TAYLOR (618)-624-4500
- TELEPHONE = ATT/DISTRIBUTION  
JASON LEHDE (618)-624-4001
- CABLE T.V. = CHARTER COMMUNICATIONS  
KEVIN WALTZ (314)-393-5028
- SEWER = CITY OF FAIRVIEW HEIGHTS  
DALLAS ALLEY (618)-489-2000
- FRANK SCOTT PARKWAY SIGNALS = ST. CLAIR COUNTY TRANSIT DISTRICT  
TONY ERWIN (618)-628-8090
- ASHLAND AVENUE SIGNALS = ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES  
(618)-233-1392

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811.

NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

**COMMITMENTS**

PARCEL 03-34.0-400-021: TEN (10) GIANT EMERALD ARBORVITAE, 3' HEIGHT.  
SIX (6) HOPI CRAPE MYRTLE, 2-GALLON, POTTED.  
SIX (6) DOUBLE DYNAMITE CRAPE MYRTLE, 2-GALLON, POTTED  
TWELVE (12) KARL FORESTER GRASS, 1-GALLON, POTTED  
ONE (1) FALL FIESTA SUGAR MAPLE, 10-GALLON, POTTED

PARCEL 03-34.0-400-020: TWENTY ONE (21) EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 4' HEIGHT @ 20 FOOT SPACINGS.

PARCEL 03-34.0-208-005: SIX (6) BABY GEM BOXWOOD BUSH, 3-GALLON @ LOCATIONS APPROVED BY OWNER.  
PCC DRIVEWAY PAVEMENT, 8 INCH, AT THE MISSING SECTION PARKING LOT SECTION.

PARCEL 03-34.0-204-006: TREE REMOVAL , 76 UNITS TOTAL

**DRAINAGE**

EXISTING DITCHES/SWALES MAY NEED TO BE REGRADED/SHAPED TO ENSURE ALL FLOWS ENTER THE PROPER DITCH, CULVERT, POND, OR OTHER DRAINAGE APPURTENANCES DURING AND AT THE COMPLETION OF THE PROJECT. COST SHALL BE INCLUDED IN COST OF EARTH EXCAVATION.

PROPOSED DITCHES OR SWALES SHALL BE CONSTRUCTED ACCORDING TO THE PLANS. COST SHALL BE INCLUDED IN COST OF EARTH EXCAVATION.

IT SHOULD BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. ITEMS SUCH AS TEMPORARY DITCHES AND PIPES DEEMED NECESSARY FOR MAINTAINING DRAINAGE ARE CONSIDERED TO BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID SEPARATELY.

**EROSION CONTROL**

ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE IMPLEMENTED AS SHOWN ON THE PLAN SHEETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS, OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OR HER EXPENSE.

EROSION AND SEDIMENT CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 280 OF THE IDOT STANDARD SPECIFICATIONS, THE PROJECT PLANS SHOWING EROSION CONTROL ITEMS, AND THE STORM WATER POLLUTION PREVENTION PLAN IN THE PROPOSAL BOOKLET. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED EARLY IN THE CONSTRUCTION STAGES AND BE MAINTAINED FOR THE DURATION OF THE PROJECT AS INDICATED ON THE PLANS AND AS DIRECTED BE THE ENGINEER.

**SEEDING, MULCH AND EROSION CONTROL BLANKET**

ALL EARTH SURFACES DISTURBED BY CONSTRUCTION OR AS DIRECTED BY THE ENGINEER SHALL BE SEEDED AND MULCHED.

**PIPE CULVERTS**

THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE SIZES AND TYPES PRIOR TO ORDERING MATERIALS FOR PIPE CULVERT EXTENSIONS.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE USE	SURFACE
AC/PG	PG 64-22
RAP % (MAX)	20%
DESIGN AIR VOIDS	4.0% @ Ndes=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5 FG
FRICITION AGG	MIXTURE "C"

PLAN QUANTITIES FOR BITUMINOUS CONCRETE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQYD/INCH

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**TWM, INC.**  
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IL DESIGN FIRM LICENSE NO: 184-001220

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PLOT SCALE = 40.0000 ' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY TRANSIT DISTRICT**

GENERAL NOTES AND COMMITMENTS			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

**OLD COLLINSVILLE ROAD TRAIL PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	2
CONTRACT NO.		

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	770
20400800	FURNISHED EXCAVATION	CU YD	1215
25000210	SEEDING, CLASS 2A	ACRE	1.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	110
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	110
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	110
25100127	MULCH, METHOD 3A	ACRE	1.25
25100630	EROSION CONTROL BLANKET	SQ YD	1560
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	240
28000305	TEMPORARY DITCH CHECKS	FOOT	240
28000400	PERIMETER EROSION BARRIER	FOOT	324
28000500	INLET AND PIPE PROTECTION	EACH	68
28100107	STONE RIPRAP, CLASS A4	SQ YD	348
28200200	FILTER FABRIC	SQ YD	348
35100100	AGGREGATE BASE COURSE, TYPE A	TON	2312
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX"C", N50	TON	490
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9551
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	783
42001300	PROTECTIVE COAT	SQ YD	2701
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	121
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	528
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	6701
42400800	DETECTABLE WARNINGS	SQ FT	399
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	630
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2268
44000600	SIDEWALK REMOVAL	SQ FT	998
50104400	CONCRETE HEADWALL REMOVAL	EACH	3
50105220	PIPE CULVERT REMOVAL	FOOT	14
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1
54010905	PRECAST CONCRETE BOXCULVERTS 9' X 5'	FOOT	12
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1721
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	58
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	18
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	6
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	4
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	32
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	30
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3
60255500	MANHOLES TO BE ADJUSTED	EACH	3
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2
60260100	INLETS TO BE ADJUSTED	EACH	2
60500080	REMOVING INLETS	EACH	10
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3808
67100100	MOBILIZATION	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	42
73000100	WOOD SIGN SUPPORT	FOOT	177
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	942
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	687
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	102
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	403
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	25
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	23
D2002948	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 4' HEIGHT, BALLED AND BURLAPPED	EACH	21
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	7
X1700086	POTHOLING	EACH	40
X2010510	CLEARING AND GRUBBING	L SUM	1
X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	855
X5510100	STORM SEWER REMOVAL	FOOT	212
X6024242	INLETS, SPECIAL, NO. 1	EACH	1
X6024244	INLETS, SPECIAL, NO. 2	EACH	2
X6024246	INLETS, SPECIAL, NO. 3	EACH	4
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X7240505	RELOCATE SIGN PANEL AND POST	EACH	16
X8140115	HANDHOLE TO BE ADJUSTED	EACH	1
ZZZZ0002	WOOD POST AND RAIL FENCE	FOOT	280
ZZZZ0003	DOG GROOMING SALON SIGN RELOCATION	EACH	1
ZZZZ0004	PROJECT SIGN	EACH	1
ZZZZ0005	CONCRETE PAD	EACH	7
ZZZZ0006	RELOCATE EXISTING LIGHT POLE	EACH	1
ZZZZ0008	UNSUITABLE, REMOVE AND REPLACE	TON	167
ZZZZ0010	BABY GEM BOXWOOD BUSH, 3-GALLON	EACH	6
ZZZZ0011	GIANT EMERALD ARBORVITAE TREE, 3' HEIGHT	EACH	10
ZZZZ0012	HOPI CRAPE MYRTLE, 2-GALLON, POTTED	EACH	6
ZZZZ0013	DOUBLE DYNAMITE CRAPE MYRTLE, 2-GALLON, POTTED	EACH	6

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
ZZZZ0014	KARL FORESTER GRASS, 1-GALLON, POTTED	EACH	12
ZZZZ0015	FALL FIESTA SUGAR MAPLE, 10-GALLON, POTTED	EACH	1

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IL DESIGN FIRM  
LICENSE NO:  
184-001220

USER NAME = kostermiller  
DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISED -  
REVISED -  
REVISED -  
REVISED -



**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

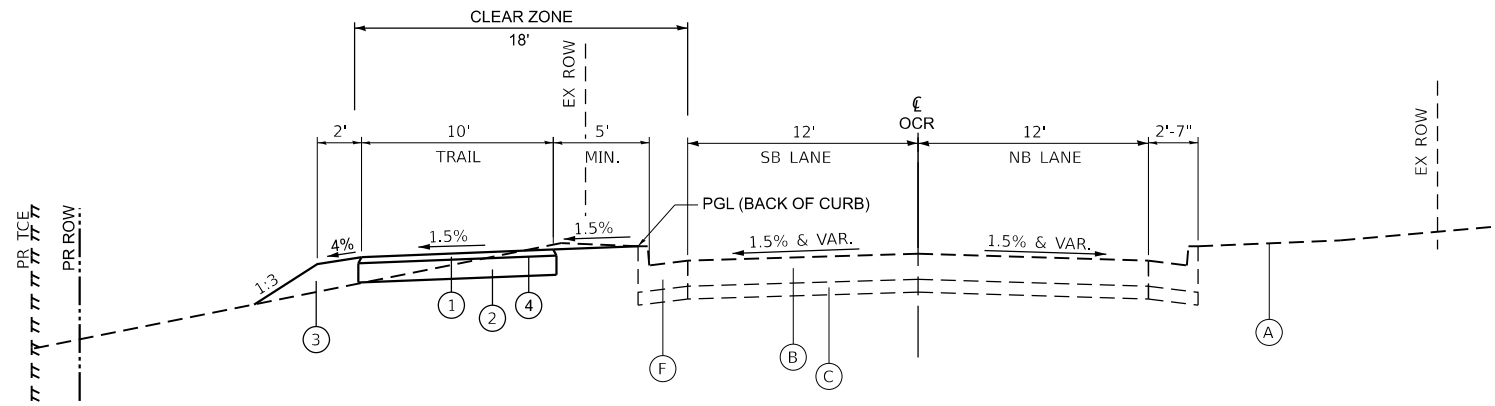
SUMMARY OF QUANTITIES			
SCALE:	SHEET 1	OF 1	SHEETS STA. TO STA.

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

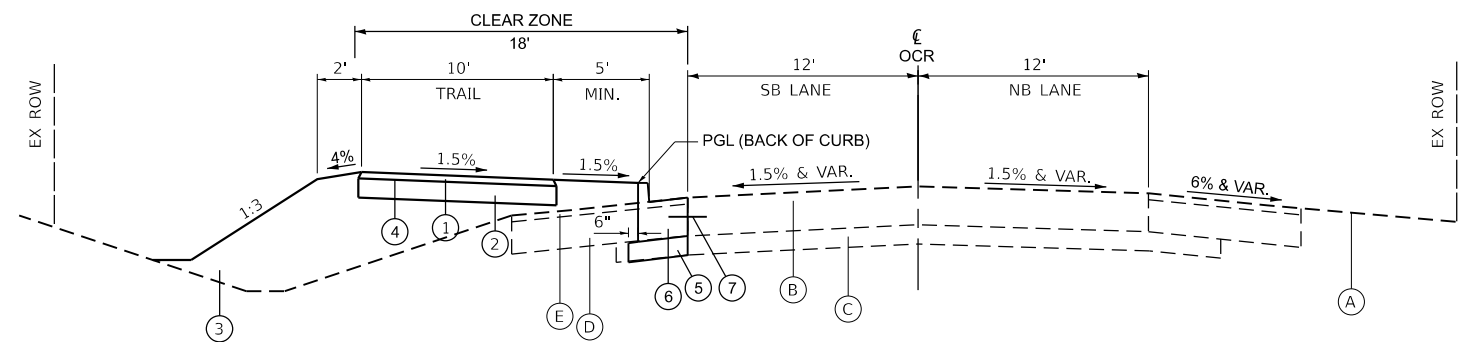
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	3
CONTRACT NO.		

**LEGEND**

- (A) EX. GROUND
- (B) EX. PCC PAVEMENT, 8"
- (C) EX. SUB-BASE GRANULAR MATERIAL, TY A, 4"
- (D) EX. AGGREGATE SHOULDER, TY A, 8"
- (E) EX. BITUMINOUS SURFACE TREATMENT
- (F) EX. CONCRETE CURB AND GUTTER
  
- (1) PR. HOT-MIX ASPHALT SURFACE COURSE, 2"
- (2) PR. AGGREGATE BASE COURSE, TY A, 6"
- (3) PR. FILL/EMBANKMENT
- (4) PR. BITUMINOUS MATERIALS (PRIME COAT)
- (5) PR. AGGREGATE BASE COURSE, TY A, 4"
- (6) PR. CURB AND GUTTER, TYPE B-6.24
- (7) PR. TIE BARS (SEE STANDARD 420001)
- (8) PR. PCC SIDEWALK, 4"
- (9) PR. AGGREGATE BASE COURSE, TY A, 4"



**TYPICAL SECTION**  
STA. 133+57.30 TO STA. 141+50.00



**TYPICAL SECTION**  
STA. 141+50.00 TO STA. 147+50.00

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ILLINOIS DESIGN FIRM  
LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

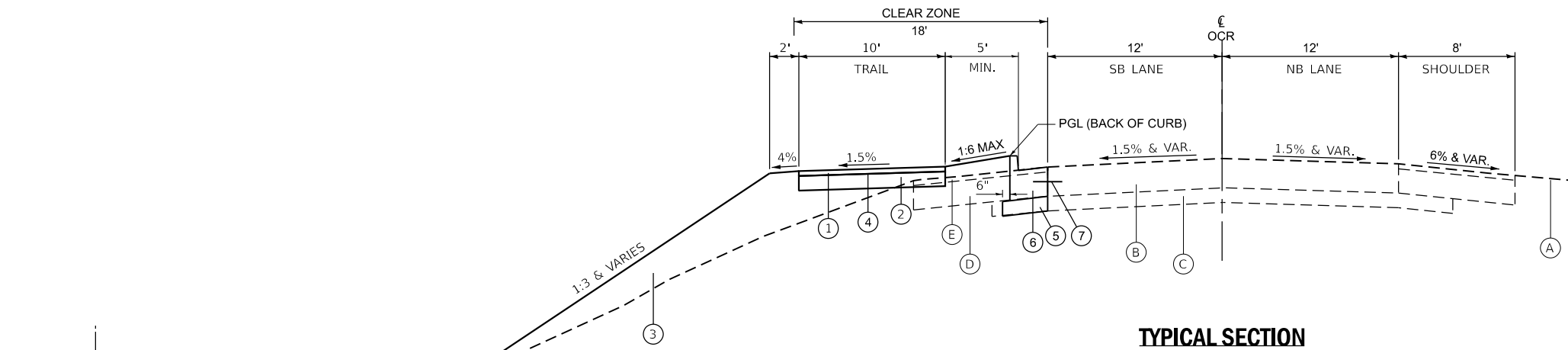
<b>TYPICAL SECTIONS</b>			
SCALE: N.T.S.	SHEET 1	OF 3 SHEETS	STA. TO STA.

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

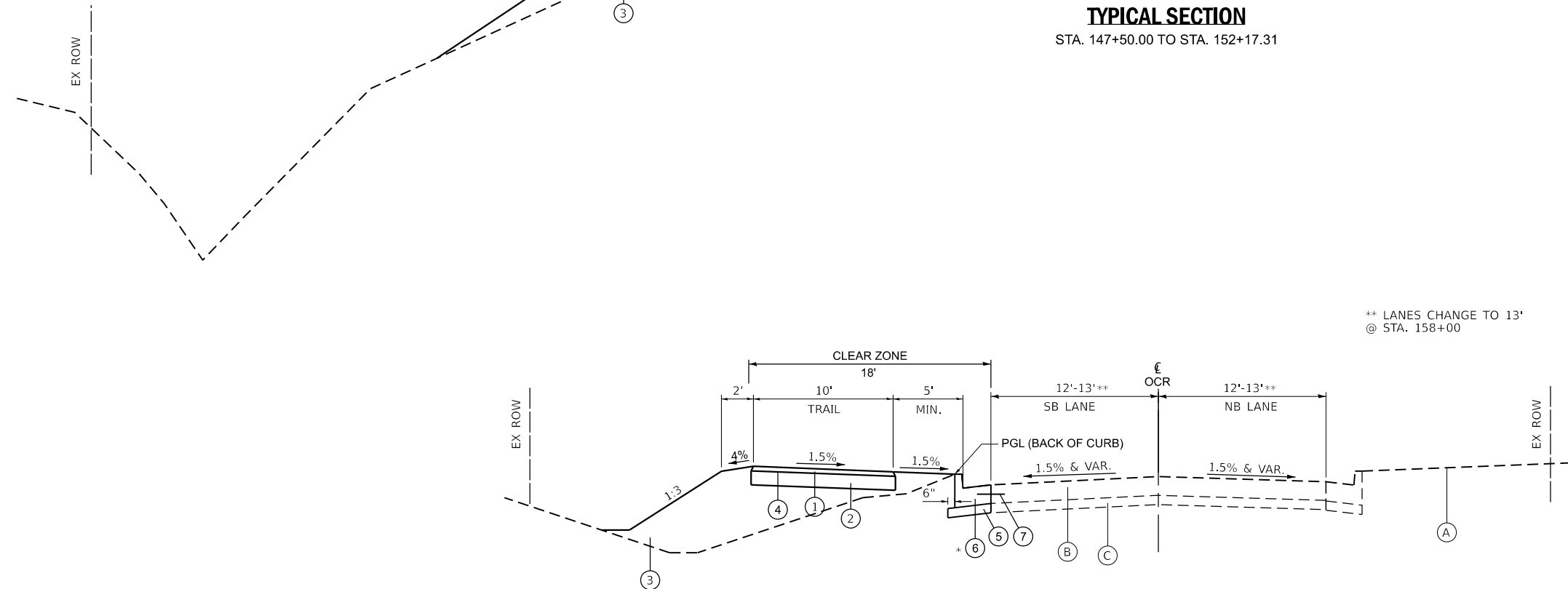
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	4
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**LEGEND**

- (A) EX. GROUND
- (B) EX. PCC PAVEMENT, 8"
- (C) EX. SUB-BASE GRANULAR MATERIAL, TY A, 4"
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- (1) PR. HOT-MIX ASPHALT SURFACE COURSE, 2"
- (2) PR. AGGREGATE BASE COURSE, TY A, 6"
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- (6) PR. CURB AND GUTTER, TYPE B-6.24
- (7) PR. TIE BARS (SEE STANDARD 420001)
- (8) PR. PCC SIDEWALK, 4"
- (9) PR. AGGREGATE BASE COURSE, TY A, 4"



**TYPICAL SECTION**  
STA. 147+50.00 TO STA. 152+17.31



**TYPICAL SECTION**  
STA. 152+17.31 TO STA. 158+50.00  
STA. 175+75.00 TO STA. 176+50.00

\* SEE PLANS FOR LOCATIONS OF EXISTING CURB TO REMAIN

\*\* LANES CHANGE TO 13'  
@ STA. 158+00

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**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

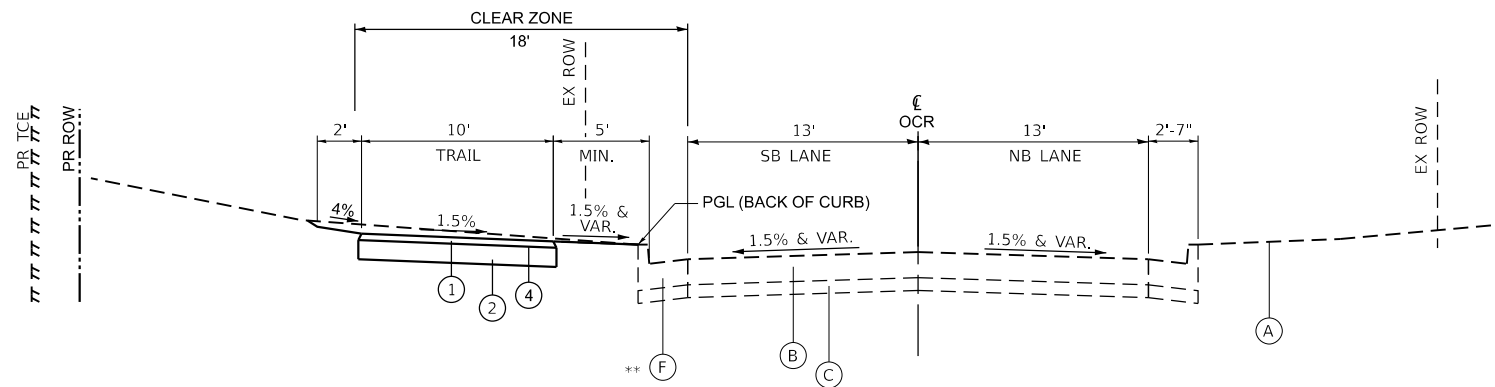
**TYPICAL SECTIONS**  
SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	5
CONTRACT NO.		

**LEGEND**

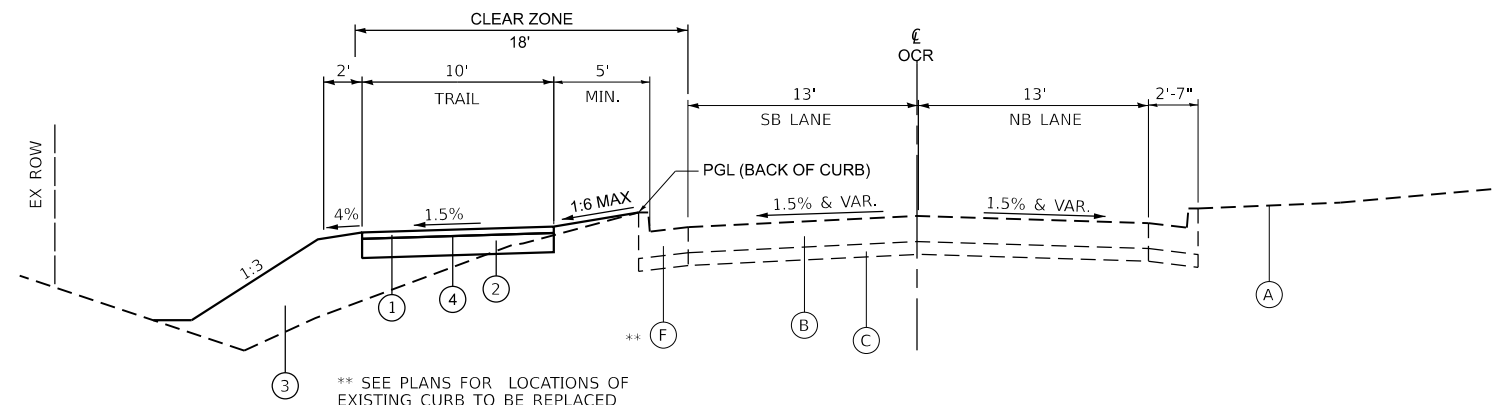
- (A) EX. GROUND
- (B) EX. PCC PAVEMENT, 8"
- (C) EX. SUB-BASE GRANULAR MATERIAL, TY A, 4"
- (D) EX. AGGREGATE SHOULDER, TY A, 8"
- (E) EX. BITUMINOUS SURFACE TREATMENT
- (F) EX. CONCRETE CURB AND GUTTER
  
- (1) PR. HOT-MIX ASPHALT SURFACE COURSE, 2"
- (2) PR. AGGREGATE BASE COURSE, TY A, 6"
- (3) PR. FILL/EMBANKMENT
- (4) PR. BITUMINOUS MATERIALS (PRIME COAT)
- (5) PR. AGGREGATE BASE COURSE, TY A, 4"
- (6) PR. CURB AND GUTTER, TYPE B-6.24
- (7) PR. TIE BARS (SEE STANDARD 420001)
- (8) PR. PCC SIDEWALK, 4"
- (9) PR. AGGREGATE BASE COURSE, TY A, 4"



\*\* SEE PLANS FOR LOCATIONS OF EXISTING CURB TO BE REPLACED

**TYPICAL SECTION**

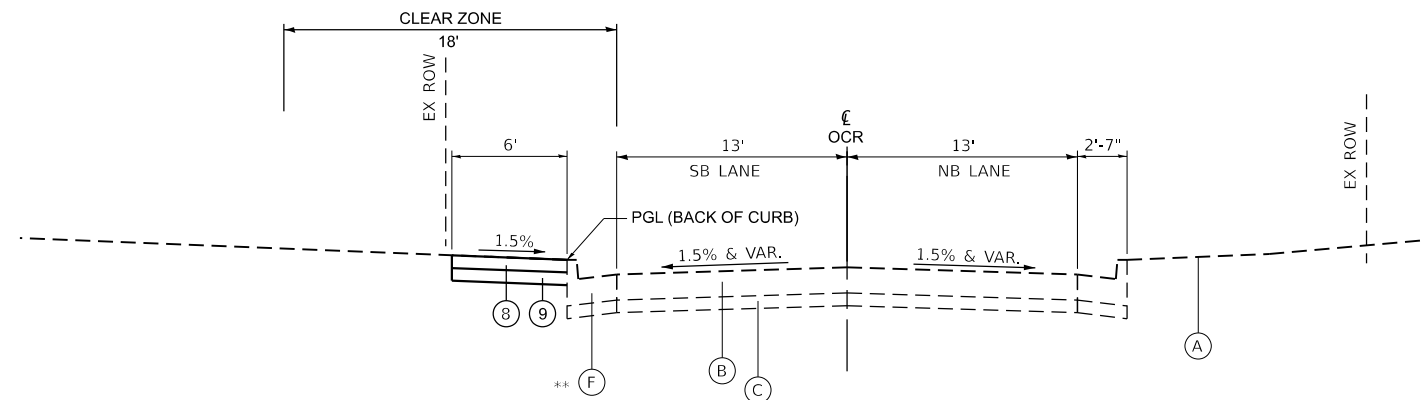
STA. 158+50.00 TO STA. 166+00.00  
 STA. 167+50.00 TO STA. 174+00.00  
 STA. 176+50.00 TO STA. 178+50.00  
 STA. 183+00.00 TO STA. 185+31.31



\*\* SEE PLANS FOR LOCATIONS OF EXISTING CURB TO BE REPLACED

**TYPICAL SECTION**

STA. 166+00.00 TO STA. 167+50.00  
 STA. 174+00.00 TO STA. 175+75.00



\*\* SEE PLANS FOR LOCATIONS OF EXISTING CURB TO BE REPLACED

**TYPICAL SECTION**

STA. 178+50.00 TO STA. 183+00.00

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**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**TYPICAL SECTIONS**  
 SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	6
CONTRACT NO.		

REMOVAL SCHEDULE											
LOCATION				SIDEWALK REMOVAL	DRIVEWAY PAVEMENT REMOVAL	PAVEMENT REMOVAL (SPECIAL)	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE HEADWALL REMOVAL	STORM SEWER REMOVAL	PIPE CULVERT REMOVAL	REMOVING INLETS
STATION	TO	STATION	NOTES	SQ FT	SQ YD	SQ YD	FOOT	EACH	FOOT	FOOT	EACH
149+75.10			9X5 CONC. BOX					1			
166+82.37			6X3 CONC. BOX					1			
175+14.44			30" CONC. ERS					1			
134+56.04	TO	134+57.21	24" RCP						13.8		
141+02.63	TO	141+02.90	18" RCP						9.9		
152+15.18	TO	152+47.02	18" RCP						31.8		1
152+86.38	TO	153+17.38	18" RCP						31		1
160+73.36	TO	160+74.34	15" RCP						2.5		1
163+82.56											1
169+68.71	TO	170+24.23	12" RCP						56.1		2
170+22.44	TO	170+24.23	12" RCP						10.5		
170+24.23	TO	170+24.66	12" RCP						5.8		
172+31.47											1
174+39.42	TO	174+44.13	12" RCP						3.1		1
178+80.94	TO	178+82.32	12" CMP							13.8	
178+82.26	TO	178+82.67	12" RCP						12.3		
180+81.44											1
183+33.43	TO	183+35.60	12" RCP						26.7		
183+35.60	TO	183+34.57	12" RCP						8.9		
183+35.60											1
141+08.64	TO	141+22.50					23.2				
152+44.84	TO	152+51.19					22.9				
152+82.02	TO	152+95.62					33.1				
157+34.06	TO	157+36.21					13.2				
157+67.40	TO	158+01.84					54.6				
159+48.00	TO	163+34.31					401.0				
163+62.97	TO	163+88.51					39.1				
165+98.00	TO	166+10.00					12.0				
166+84.48	TO	169+89.38					319.0				
170+17.78	TO	175+02.00					499.0				
176+26.84	TO	176+45.38					32.8				
176+74.98	TO	183+00.32					649.4				
183+31.80	TO	183+60.00					37.5				
184+05.00	TO	185+30.14					130.8				
136+55.36			PE		14.8						
141+64.65	TO	142+09.53	WINDY LN			39.9					
152+19.04	TO	153+14.00	STANFORD WAY			193.7					
156+99.53	TO	157+91.67	COLUMBIA DR			185.7					
160+45.25			CE		64.6						
162+58.35			CE		95.4						
163+11.16	TO	163+79.55	ENOS DR			112.8					
167+00.00			PE		10.7						
168+18.09			CE		50.0						
169+64.18	TO	170+36.66	DURLEY RD			113.3					
171+00.99			PE		14.6						
172+15.10			CE		70.4						
172+64.29			CE		84.0						
173+98.83			CE		86.3						
176+27.53	TO	176+92.12	CLINTON RD			113.6					
178+49.18			CE		79.2						
180+36.49			PE		12.7						
182+84.04	TO	183+49.08	BARCO AVE			96.1					
184+20.58			PE		25.7						
184+80.97			CE		21.1						
171+22.27	TO	172+05.10			324.5						
172+25.97	TO	172+45.18			79.4						
172+81.59	TO	173+82.34			392.4						
174+19.99	TO	174+38.48			69.3						
184+93.74	TO	185+27.59			132.1						
<b>TOTAL:</b>				<b>998</b>	<b>630</b>	<b>855</b>	<b>2268</b>	<b>3</b>	<b>212</b>	<b>14</b>	<b>10</b>

EARTHWORK SCHEDULE									
FOR INFORMATION ONLY									
LOCATION				EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)	FURNISHED EXCAVATION	
ROUTE	STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
	133+57.30	TO	185+31.31	771	578.3	1793	-1214.8		1215
<b>PAY TOTAL:</b>				<b>770</b>	<b>578</b>	<b>1793</b>	<b>-1215</b>		<b>1215</b>

TREE REMOVAL SCHEDULE						
LOCATION				BUSH REMOVAL *	TREE REMOVAL (OVER 15 UNITS DIAMETER) *	TREE REMOVAL, ACRES *
STATION	TO	STATION	NOTES	EACH	UNIT	ACRE
135+37			LT			
137+05	TO	137+32	LT			0.01
137+91			LT			
139+85			LT			
140+62	TO	140+84	LT			0.01
149+51	TO	150+18	LT			0.02
166+61	TO	167+86	LT			0.03
168+03			LT	1		
168+37			LT	1		
168+43			LT	1		
177+49			LT			28
177+73			LT			24
178+14			LT			24
178+75			LT			30
<b>TOTAL:</b>				<b>3</b>	<b>106</b>	<b>0.25</b>

\*INCLUDED IN COST OF CLEARING AND GRUBBING

SEEDING SCHEDULE									
LOCATION			SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 3A	EROSION CONTROL BLANKET	TEMP. EROSION CONTROL SEEDING (POUND) ( 2 APPL.)
STATION	TO	STATION	ACRE	POUND	POUND	POUND	ACRE	SQ YD	POUND
133+57.30	TO	185+31.31	1.18	106.2	106.2	106.2	1.18		236.0
133+77.81	TO	136+48.67						185.9	
136+75.18	TO	141+00.00						283.7	
142+00.00	TO	147+25.00						467.0	
150+50.00	TO	150+70.00						18.0	
150+86.50	TO	151+82.70						90.6	
153+19.00	TO	157+10.00						347.7	
174+50.00	TO	175+12.00						55.1	
175+17.00	TO	176+38.00						107.7	
<b>TOTAL:</b>			<b>1.18</b>	<b>106.2</b>	<b>106.2</b>	<b>106.2</b>	<b>1.18</b>	<b>1555.8</b>	<b>236.0</b>
<b>PAY TOTAL:</b>			<b>1.25</b>	<b>110</b>	<b>110</b>	<b>110</b>	<b>1.25</b>	<b>1560</b>	<b>240</b>

ADJUSTMENT SCHEDULE					
LOCATION		MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	HANDHOLE TO BE ADJUSTED	RELOCATE EXISTING LIGHT POLE
STATION		EACH	EACH	EACH	EACH
130+80.95	50.00	LT		1	
143+60.27	31.47	LT	1		
146+22.86	34.34	LT	1		
157+78.41	28.04	LT			1
160+75.60	20.00	LT	1		
174+42.49	20.68	LT	1		
175+12.45	20.18	LT	1		
		LT			
		LT			
<b>TOTAL:</b>		<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>

SEE DRAINAGE STRUCTURE SCHEDULE FOR INLETS TO BE ADJUSTED QUANTITY

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REVISED -  
REVISED -

PLOT SCALE = 40.0000' / 1" in.  
PLOT DATE = 3/19/2024



**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**SCHEDULE OF QUANTITIES**  
SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY TOTAL SHEETS SHEET NO.  
ST. CLAIR 77 7  
CONTRACT NO.

ENTRANCE SCHEDULE												
LOCATION				PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	BITUMINOUS MATERIALS (PRIME COAT) *	PROTECTIVE COAT **	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "C", N50 *	AGGREGATE BASE COURSE, TYPE A * (UNDER PCC)	AGGREGATE BASE COURSE, TYPE A * (UNDER HMA)	
									3 INCH	4 INCH	5 INCH	
STATION	LT/RT	TYPE	NOTES	SQ YD	SQ YD	SQ YD	POUND	SQ YD	TON	TON	TON	
160+45.25	LT	PE			52.8		35.685	52.8	2.66	12.3	3.7	
162+58.35	LT	PE			57.2		95.35	57.2	7.12	13.3	9.9	
168+18.09	LT	PE			88.9			88.9		20.7		
172+15.10	LT	PE			34.6		87.5	34.6	6.5	8.1	9.1	
172+64.29	LT	PE			88.7			88.7		20.7		
173+98.83	LT	PE			95.0			95.0		22.2		
178+49.18	LT	PE			57.6		46.9	57.6	3.5	13.5	4.9	
184+80.97	LT	PE			53.6			53.6		12.5		
136+55.36	LT	CE		33.7				33.7		7.9		
167+00.00	LT	CE		21.6				21.6		5.1		
171+00.99	LT	CE		28.0				28.0		6.5		
180+36.49	LT	CE		12.0				12.0		6.7		
184+20.58	LT	CE		25.4				25.4		5.9		
152+66.76	LT					178.0		178.0	41.5			
157+51.68	LT					171.1		171.1	39.9			
163+48.68	LT					112.0		112.0	26.1			
170+03.69	LT					111.3		111.3	26.0			
176+59.71	LT					113.7		113.7	26.5			
183+16.08	LT					96.5		96.5	22.5			
<b>SUB-TOTAL:</b>				<b>121</b>	<b>528</b>	<b>783</b>	<b>265.4</b>	<b>1431.7</b>	<b>19.8</b>	<b>337.9</b>	<b>27.5</b>	
<b>TOTAL:</b>				<b>121</b>	<b>528</b>	<b>783</b>	<b>265.4</b>	<b>1431.7</b>	<b>19.8</b>	<b>365.5</b>		

\*SEE HMA PAVING SCHEDULE FOR TOTAL QUANTITY  
\*\*SEE CONCRETE SCHEDULE FOR TOTAL QUANTITY

HMA PAVING SCHEDULE					
LOCATION			AGGREGATE BASE COURSE, TYPE A *	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 **	BITUMINOUS MATERIALS (PRIME COAT) **
			6 INCH	2 INCH	
STATION	TO	STATION	TON	TON	POUND
133+57.30	TO	136+52.32	116.7	37.3	737.6
136+67.01	TO	141+05.84	173.6	55.5	1097.1
141+94.35	TO	152+25.58	407.8	130.5	2578.1
153+16.28	TO	157+12.03	156.5	50.1	989.4
157+92.19	TO	160+30.18	94.1	30.1	595.0
160+59.78	TO	162+41.99	72.1	23.1	455.5
163+82.61	TO	166+94.00	123.2	39.4	778.5
167+06.00	TO	168+04.34	38.9	12.4	245.9
168+31.83	TO	169+69.90	54.6	17.5	345.2
170+37.46	TO	170+92.99	22.0	7.0	138.8
171+08.99	TO	172+05.10	38.1	12.2	240.3
172+84.19	TO	173+77.90	37.1	11.9	234.3
174+19.79	TO	176+26.91	81.9	26.2	517.8
176+99.86	TO	178+32.75	52.6	16.8	332.2
<b>SUB-TOTAL:</b>			<b>1468.9</b>	<b>469.9</b>	<b>9285.5</b>
FROM ENTRANCE SCHED.:			<b>365.5</b>	<b>19.8</b>	<b>265.4</b>
FROM SIDEWALK SCHED.:			<b>173.7</b>	-	-
FROM CONCRETE SCHED.:			<b>304.1</b>	-	-
<b>TOTAL:</b>			<b>2312</b>	<b>490</b>	<b>9551</b>

\*SEE ENTRANCE, SIDEWALK, AND CONCRETE SCHEDULES FOR ADDITIONAL QUANTITY  
\*\*SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

CONCRETE SCHEDULE					
LOCATION		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	AGGREGATE BASE COURSE, TYPE A *	PROTECTIVE COAT **	
			4 INCH		
STATION	TO	STATION	FOOT	TON	SQ YD
141+08.64	TO	141+22.50	23.2	1.9	7.7
141+66.08	TO	152+51.19	1112.2	88.8	370.7
152+82.03	TO	157+36.21	497.3	39.7	165.8
157+67.40	TO	158+01.64	54.6	4.4	18.2
159+48.00	TO	163+34.31	401.0	32.0	133.7
163+62.97	TO	163+87.43	39.1	3.1	13.0
165+98.00	TO	166+10.00	12.0	1.0	4.0
166+84.48	TO	169+89.38	319.0	25.5	106.3
170+17.78	TO	175+02.00	499.0	39.8	166.3
176+26.84	TO	176+45.38	32.8	2.6	10.9
176+74.98	TO	183+00.32	649.4	51.9	216.5
183+31.80	TO	183+60.00	37.5	3.0	12.5
184+05.00	TO	185+30.14	130.8	10.4	43.6
<b>SUB-TOTAL:</b>			<b>3808</b>	<b>304.1</b>	<b>1269.3</b>
FROM ENTRANCE SCHED.:			-	-	1431.7
<b>TOTAL:</b>			<b>3808</b>	<b>304.1</b>	<b>2701</b>

\*SEE HMA PAVING SCHEDULE FOR TOTAL QUANTITY  
\*\*SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

TEMPORARY EROSION SCHEDULE						
LOCATION			TEMPORARY DITCH CHECK		INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER
			EACH	FOOT		
STATION	TO	STATION	EACH	FOOT	EACH	FOOT
133+57.30	TO	139+00.00	4.0	40.0	4	
139+00.00	TO	145+00.00	6.0	60.0	6	
145+00.00	TO	151+00.00	7.0	70.0	6	248.4
151+00.00	TO	157+00.00	6	60.0	6	
157+00.00	TO	163+00.00	1	10.0	10	
163+00.00	TO	169+00.00	0	0.0	9	75.1
169+00.00	TO	175+00.00	0	0.0	9	
175+00.00	TO	181+00.00	0	0.0	9	
181+00.00	TO	185+31.31	0	0.0	9	
<b>TOTAL:</b>			<b>240</b>		<b>68</b>	<b>324</b>

SIDEWALK SCHEDULE					
LOCATION		PORTLAND CEMENT CONCRETE SIDEWALK	AGGREGATE BASE COURSE, TYPE A *	DETECTABLE WARNINGS	
			4 INCH		4 INCH
STATION	TO	STATION	SQ FT	TON	SQ FT
141+05.84	TO	141+20.92	135.2	3.5	24.8
141+70.14	TO	141+94.35	189.4	4.9	38.0
152+25.58	TO	152+44.40	157.9	4.1	29.8
152+88.79	TO	153+16.28	344.0	8.9	29.4
157+12.03	TO	157+30.20	211.3	5.5	29.0
157+73.31	TO	157+92.19	155.8	4.0	29.3
162+71.35	TO	163+30.86	540.1	14.0	26.8
163+66.33	TO	163+82.61	143.1	3.7	26.4
169+69.90	TO	169+86.12	142.6	3.7	26.3
170+21.22	TO	170+37.46	142.8	3.7	26.3
172+25.11	TO	172+45.19	214.3	5.6	
176+26.91	TO	176+42.40	140.1	3.6	25.8
176+77.65	TO	176+99.86	209.9	5.4	26.4
178+61.70	TO	180+30.53	1026.3	26.6	
180+42.53	TO	182+98.19	1541.2	40.0	24.3
183+34.03	TO	184+14.58	785.1	20.4	26.5
184+26.58	TO	184+66.97	404.0	10.5	
184+94.97	TO	185+27.65	218.0	5.7	10.2
<b>TOTAL:</b>			<b>6701</b>	<b>173.7</b>	<b>399</b>

\*SEE HMA PAVING SCHEDULE FOR TOTAL QUANTITY

RIPRAP SCHEDULE				
LOCATION		STONE RIPRAP, CLASS A4	FILTER FABRIC	
				SQ YD
STATION	OFFSET	SQ YD	SQ YD	
147+25.00	32.25	LT	264.9	264.9
150+00.00	32.25	LT		
147+65.31	38.03	LT	20.0	20.0
149+12.31	38.05	LT	10.7	10.7
150+78.31	41.00	LT	9.3	9.3
152+00.00	36.20	LT	11.3	11.3
166+50.00	32.25	LT		
166+94.00	32.25	LT	31.4	31.4
<b>TOTAL:</b>			<b>348</b>	<b>348</b>

FENCE SCHEDULE							
LOCATION						WOOD POST AND RAIL FENCE	
STATION	TO	STATION	TO	STATION	FOOT		
147+50.00	31.40	LT	TO	150+00.00	31.40	LT	250
166+64.00	32.26	LT	TO	166+94.00	32.26	LT	30
182+00.36	35.30	LT	TO	182+92.21	35.30	LT	
<b>TOTAL:</b>						<b>280</b>	

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USER NAME = kostermiller  
DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REvised -  
REvised -  
REvised -  
REvised -



**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

SCHEDULE OF QUANTITIES				COUNTY		TOTAL SHEETS		SHEET NO.	
<b>OLD COLLINSVILLE ROAD TRAIL PHASE 4</b>				ST. CLAIR	77	8			
				CONTRACT NO.					
SCALE:	SHEET 2	OF 5 SHEETS	STA.	TO STA.					



**DRAINAGE STRUCTURES**

STATION				INLETS SPECIAL, NO. 1	INLETS SPECIAL, NO. 2	INLETS SPECIAL, NO. 3	CONCRETE PAD *	INLETS, TYPE A			INLETS, TYPE B		MANHOLES, TYPE A	INLETS TO BE ADJUSTED
				(3'X3' OPEN THROAT)	(4'X4' OPEN THROAT)	(2'X4')		TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 24 FRAME AND GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	4'- DIA., TYPE 3 FRAME AND GRATE	
STR.	STATION	OFFSE	LT/RT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
P-3-2	142+10.00	13.35	LT						1					
P-3-2A	142+10.00	18.40	LT							1				
P-3-4	144+50.00	13.45	LT						1					
P-3-4A	144+50.00	18.50	LT							1				
P-3-5	146+50.00	13.60	LT						1					
P-3-5A	146+50.00	18.50	LT							1				
P-3-6	147+65.31	13.90	LT						1					
P-3-6A	147+65.31	18.50	LT							1				
P-4-2	149+12.31	13.70	LT						1					
P-4-2A	149+12.31	18.50	LT							1				
P-4-1	149+23.31	13.80	LT						1					
P-4-1A	149+23.31	18.50	LT							1				
P-5-1	150+78.31	13.60	LT						1					
P-5-1A	150+78.31	18.50	LT							1				
P-6-7	152+82.60	47.00	LT						1					
P-6-5	152+46.54	32.64	LT									1		
P-6-4	152+86.85	32.26	LT									1		
P-6-1	153+16.08	35.72	LT		1		1							
P-6-2	153+16.08	13.45	LT						1					
P-6-2A	153+16.08	17.85	LT							1				
P-6-3	154+00.00	13.20	LT						1					
P-6-3A	154+00.00	18.10	LT							1				
P-9-1	157+36.55	45.60	LT											
P-10-1	159+50.00	15.40	LT			1								
P-10-2	160+20.00	15.60	LT			1								
P-10-3	160+73.42	15.52	LT									1		
P-10-4	161+00.00	15.55	LT			1								
P-10-6	162+00.00	15.65	LT			1								
P-11-3	163+66.70	33.50	LT	1										
P-11-1	163+82.56	15.81	LT								1			
P-12-1	166+00.00	14.55	LT						1					
P-12-1A	166+00.00	18.17	LT							1				
P-13-7	167+90.00	14.45	LT						1					
P-13-7A	167+90.00	18.07	LT							1				
P-13-1	168+50.00	14.65	LT						1					
P-13-1A	168+50.00	18.30	LT							1				
P-13-2	169+00.00	14.65	LT						1					
P-13-2A	169+00.00	18.30	LT							1				
P-13-3	169+68.71	15.33	LT						1					
P-13-3A	169+68.71	18.60	LT							1				
P-13-6	170+21.78	33.60	LT					1						
P-13-5	170+24.26	17.67	LT							1				
P-13-4	170+41.88	14.70	LT						1					
P-13-4A	170+41.88	18.05	LT							1				
P-14-1	171+20.00	14.55	LT						1					
P-14-1A	171+20.00	18.17	LT							1				
P-14-2	171+96.48	14.55	LT						1					
P-14-2A	171+96.48	18.17	LT							1				
P-14-4	172+31.47	15.06	LT								1			
P-14-3	172+98.38	14.40	LT						1					
P-14-3A	172+98.38	18.10	LT							1				
P-15-1	173+65.00	14.50	LT						1					
P-15-1A	173+65.00	18.12	LT							1				
P-15-2	174+39.42	15.00	LT								1			
P-15-6	175+00.00	14.55	LT						1					
P-15-5	175+15.00	37.50	LT		1		2							
E-16-1	176+32.55	21.17	LT										1	
E-16-2	176+90.80	19.86	LT										1	
P-17-1	178+15.66	17.40	LT						1					
P-17-1A	178+15.66	21.00	LT							1				
P-17-3	179+50.00	17.70	LT						1					
P-17-3A	179+50.00	21.30	LT							1				
P-18-1	180+23.00	17.65	LT						1					
P-18-1A	180+23.00	21.30	LT							1				
P-18-2	180+81.44	18.85	LT									1		
P-18-3	181+20.00	17.75	LT						1					
P-18-3A	181+20.00	21.40	LT							1				
P-18-6	181+37.50	17.75	LT						1					
P-18-6A	181+37.50	21.40	LT							1				
P-18-4	181+54.10	17.75	LT						1					
P-18-4A	181+54.10	21.40	LT							1				
P-18-5	182+00.00	17.75	LT						1					
P-18-5A	182+00.00	21.40	LT							1				
P-19-1	182+75.00	17.75	LT						1					
P-19-1A	182+75.00	21.40	LT							1				

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**TWM, INC.**  
www.twm-inc.com  
ILLINOIS DESIGN FIRM  
LICENSE NO: 184-001220

USER NAME = kostermiller  
PLOT SCALE = 40.0000' / in.  
PLOT DATE = 3/19/2024

DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISED -  
REVISED -  
REVISED -  
REVISED -



**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

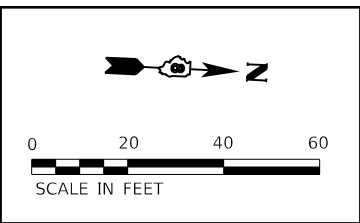
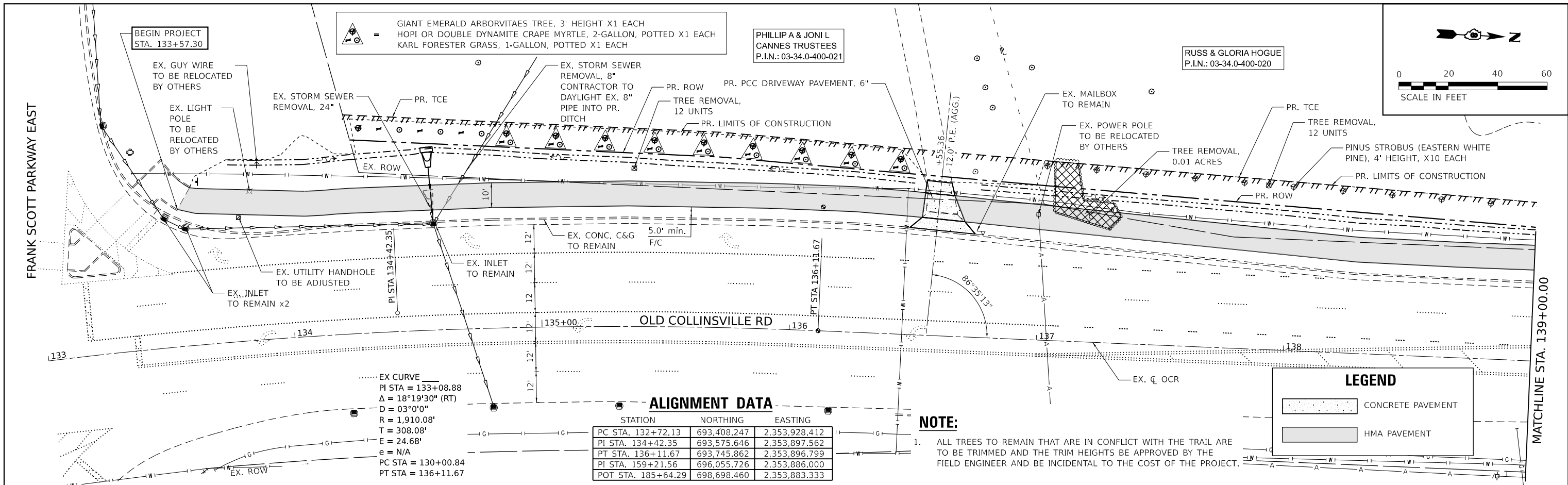
SCHEDULE OF QUANTITIES			
SCALE:	SHEET 3	OF 5 SHEETS	STA. TO STA.

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	9
CONTRACT NO.		







GIANT EMERALD ARBORVITAE TREE, 3' HEIGHT X1 EACH  
 HOPI OR DOUBLE DYNAMITE CRAPE MYRTLE, 2-GALLON, POTTED X1 EACH  
 KARL FORESTER GRASS, 1-GALLON, POTTED X1 EACH

PHILLIP A & JONI L  
 CANNES TRUSTEES  
 P.I.N.: 03-34.0-400-021

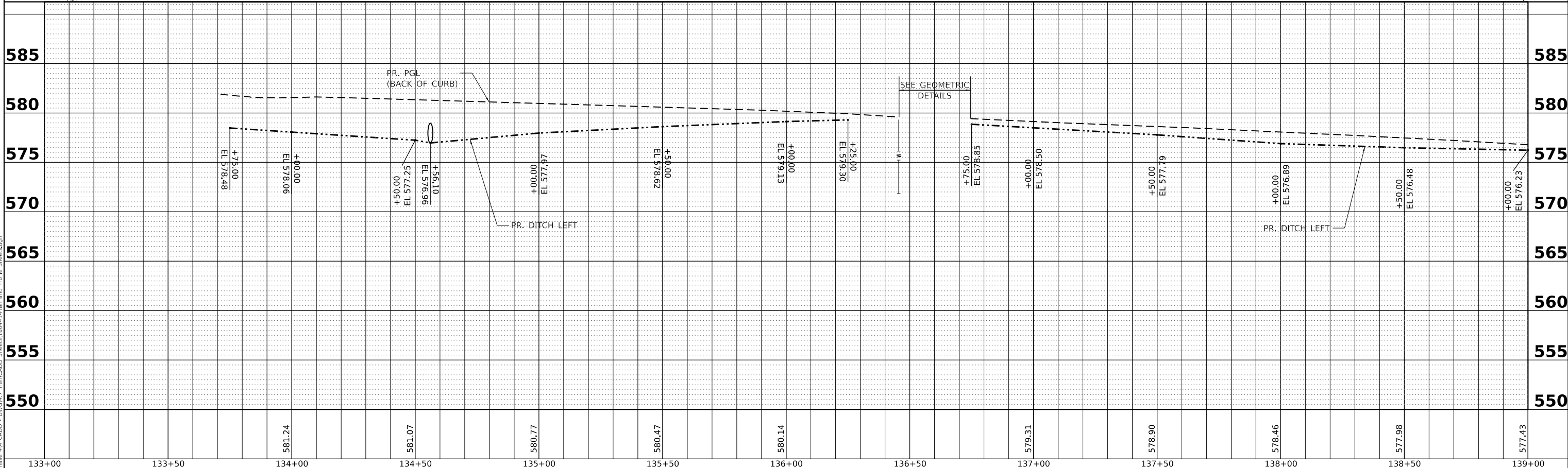
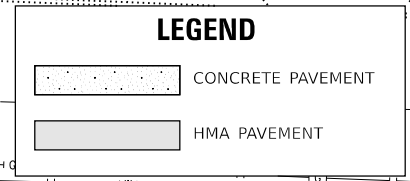
RUSS & GLORIA HOGUE  
 P.I.N.: 03-34.0-400-020

**ALIGNMENT DATA**

STATION	NORTHING	EASTING
PC STA. 132+72.13	693,408.247	2,353,928.412
PI STA. 134+42.35	693,575.646	2,353,897.562
PT STA. 136+11.67	693,745.862	2,353,896.799
PI STA. 159+21.56	696,055.726	2,353,886.000
POT STA. 185+64.29	698,698.460	2,353,883.333

**NOTE:**

1. ALL TREES TO REMAIN THAT ARE IN CONFLICT WITH THE TRAIL ARE TO BE TRIMMED AND THE TRIM HEIGHTS BE APPROVED BY THE FIELD ENGINEER AND BE INCIDENTAL TO THE COST OF THE PROJECT.



MODEL: Plan Profile Sheet 1  
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**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 40,000,000.000 ' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -

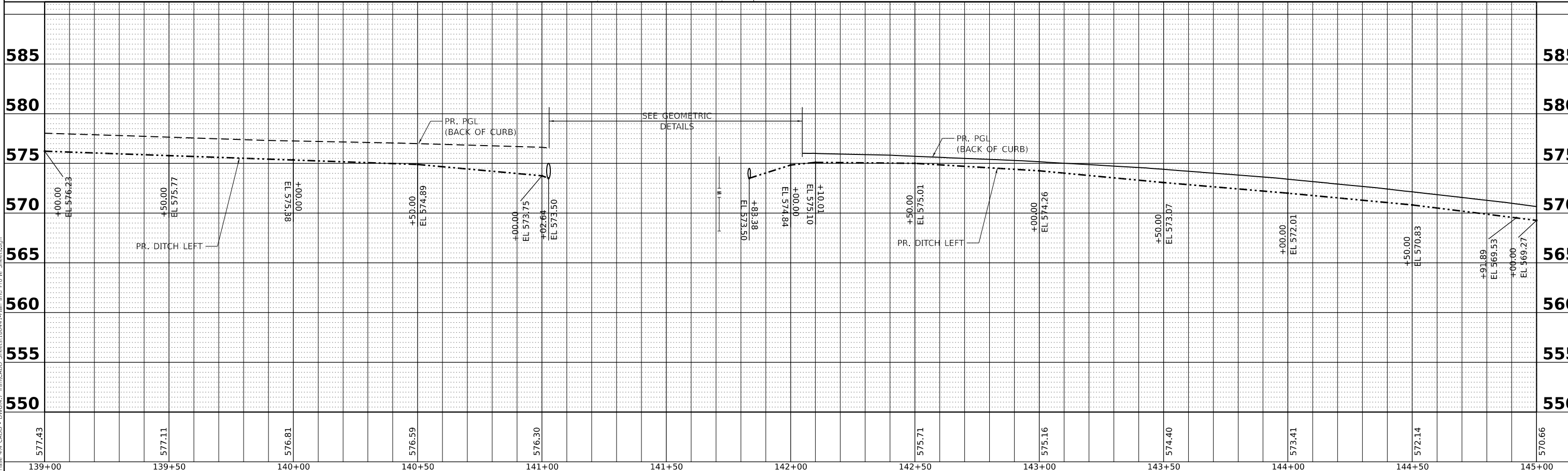
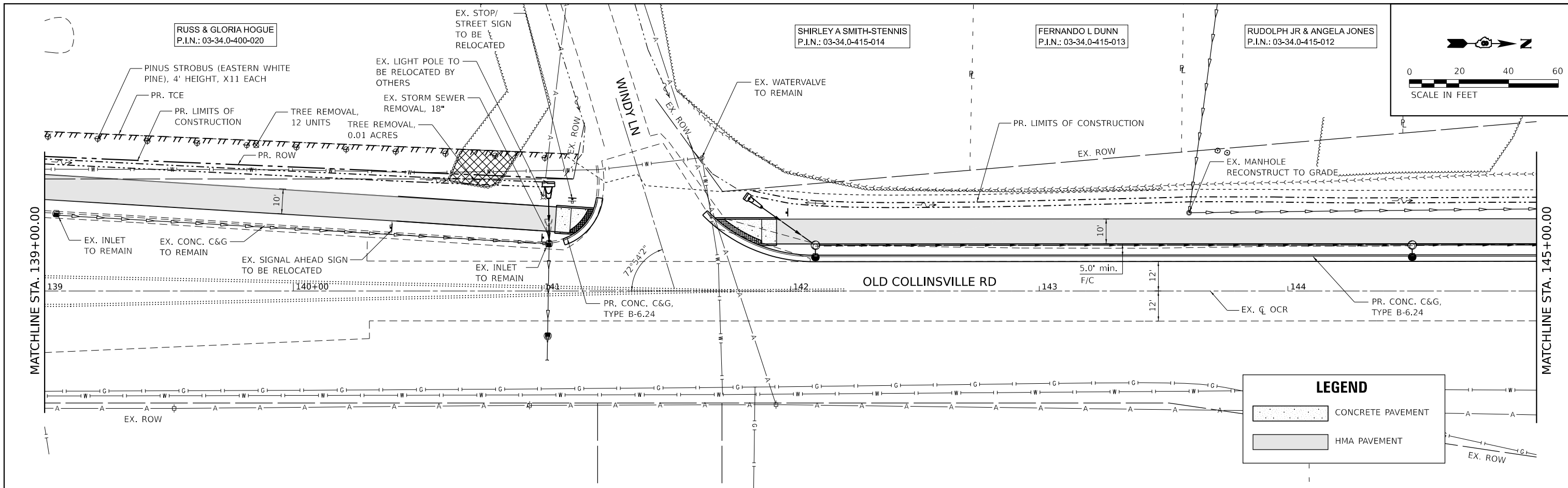


**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**PLAN AND PROFILE**  
 SCALE: 1"=20'  
 SHEET 1 OF 9 SHEETS  
 STA. 133+57.30 TO STA. 139+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	12
CONTRACT NO.		



MODEL: Plan Pro Ite Sheet 2  
 FILE NAME: P:\2018\180411\Phase 4\ CADD - DWG\4.7 Trim\CADD Sheets\180411\Plan and Profile Sheets.dgn



**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller  
 PLOT SCALE = 40.00000000' / in.  
 PLOT DATE = 3/19/2024

DESIGNED - KMO  
 DRAWN - BAB  
 CHECKED - JWS  
 DATE - XX/XX/XXXX

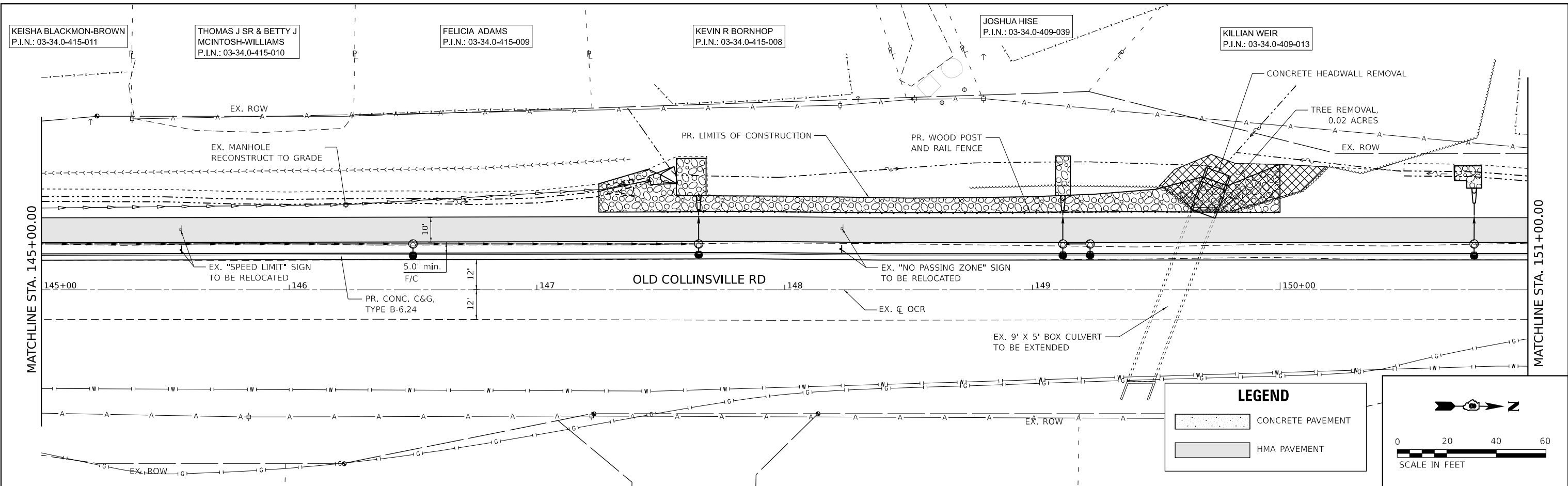


**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**PLAN AND PROFILE**  
 SCALE: 1"=20'  
 SHEET 2 OF 9 SHEETS  
 STA. 139+00.00 TO STA. 145+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

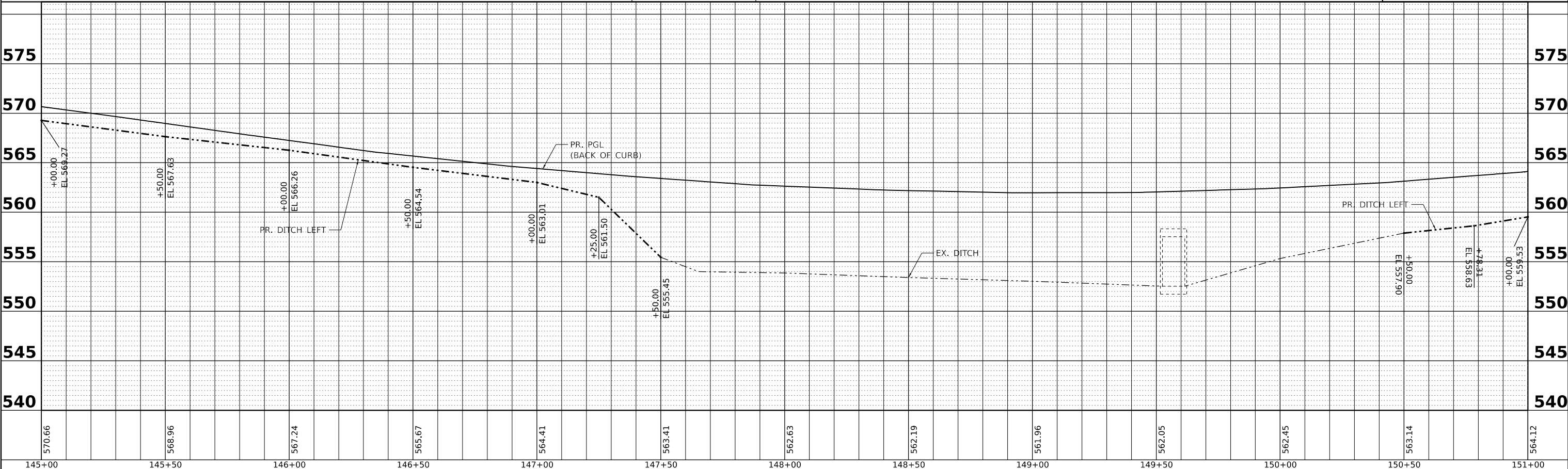
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	13
CONTRACT NO.		



**LEGEND**

- CONCRETE PAVEMENT
- HMA PAVEMENT

0 20 40 60  
SCALE IN FEET



MODEL: Plan Pro Ie Sheet 3  
FILE NAME: P:\2018\180411\Phase 4\ CADD - DWG\4.7 Trim\CADD Sheets\180411\Plan and Profile Sheets.dgn

**TWM**  
ENGINEERING  
GEOSPATIAL SERVICES

**TWM, INC.**  
www.twm-inc.com  
IL DESIGN FIRM  
LICENSE NO: 184-001220

USER NAME = kostermiller  
PLOT SCALE = 40.00000000' / in.  
PLOT DATE = 3/19/2024

DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISED -  
REVISED -  
REVISED -  
REVISED -

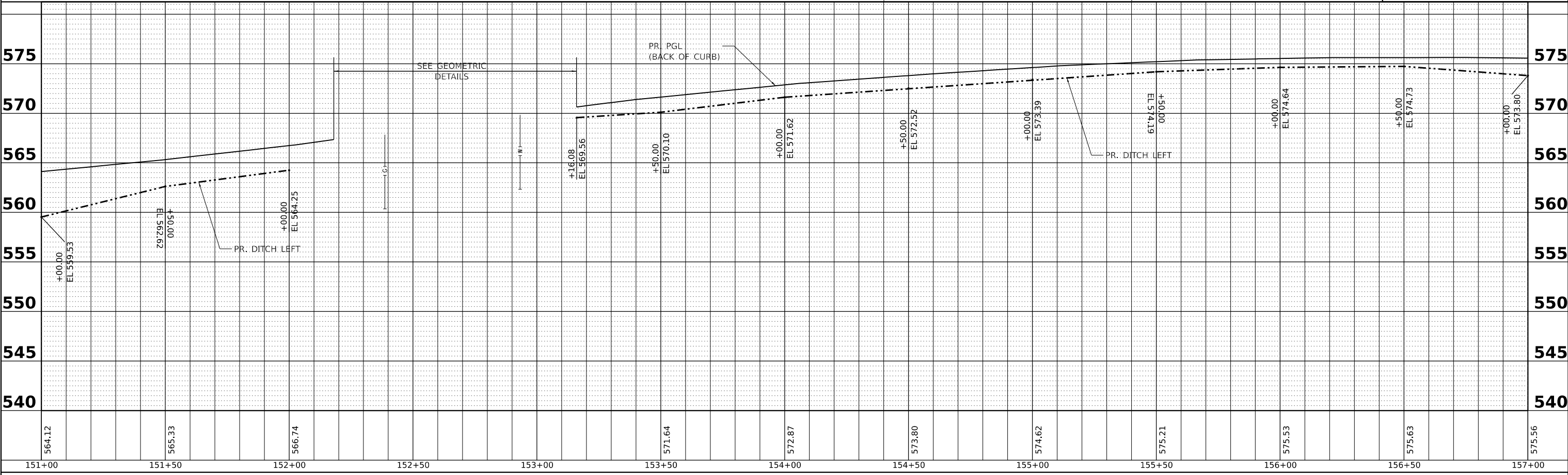
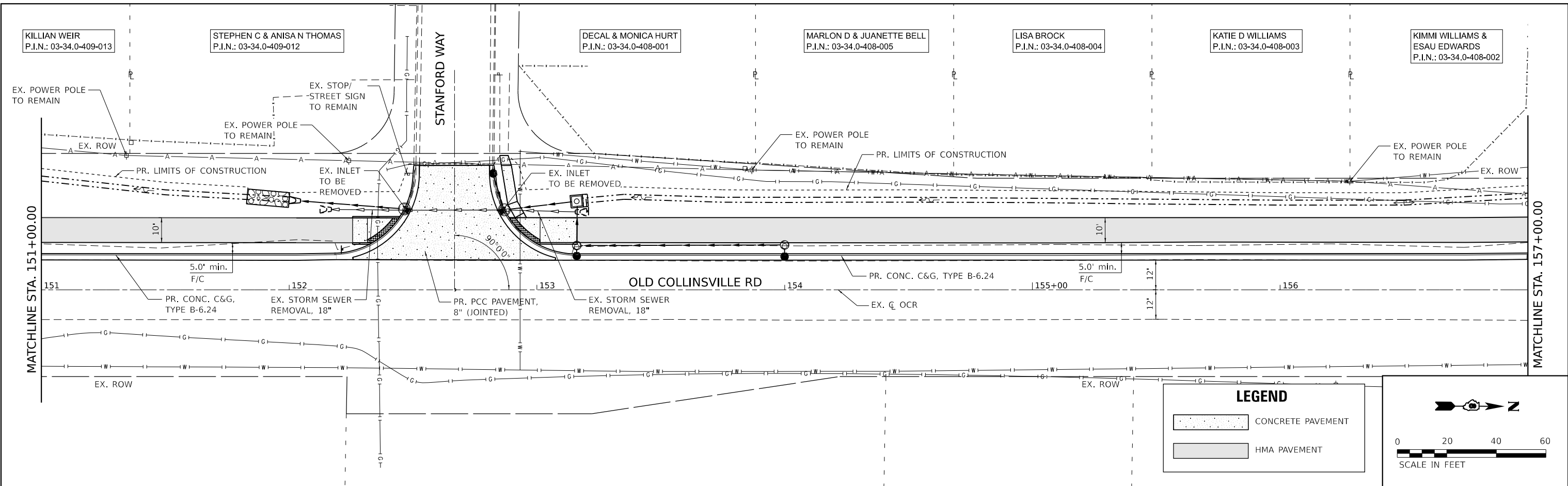


**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**PLAN AND PROFILE**  
SCALE: 1"=20'  
SHEET 3 OF 9 SHEETS  
STA. 145+00.00 TO STA. 151+00.00

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	14
CONTRACT NO.		



MODEL: Plan Pro Ie Sheet 4  
 FILE NAME: P:\2018\180413\Phase 4\ CADD - DWG\4.7 Trim\CADD Sheets\180413\Plan and Profile Sheets.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller  
 PLOT SCALE = 40.00000000' / in.  
 PLOT DATE = 3/19/2024

DESIGNED - KMO  
 DRAWN - BAB  
 CHECKED - JWS  
 DATE - XX/XX/XXXX

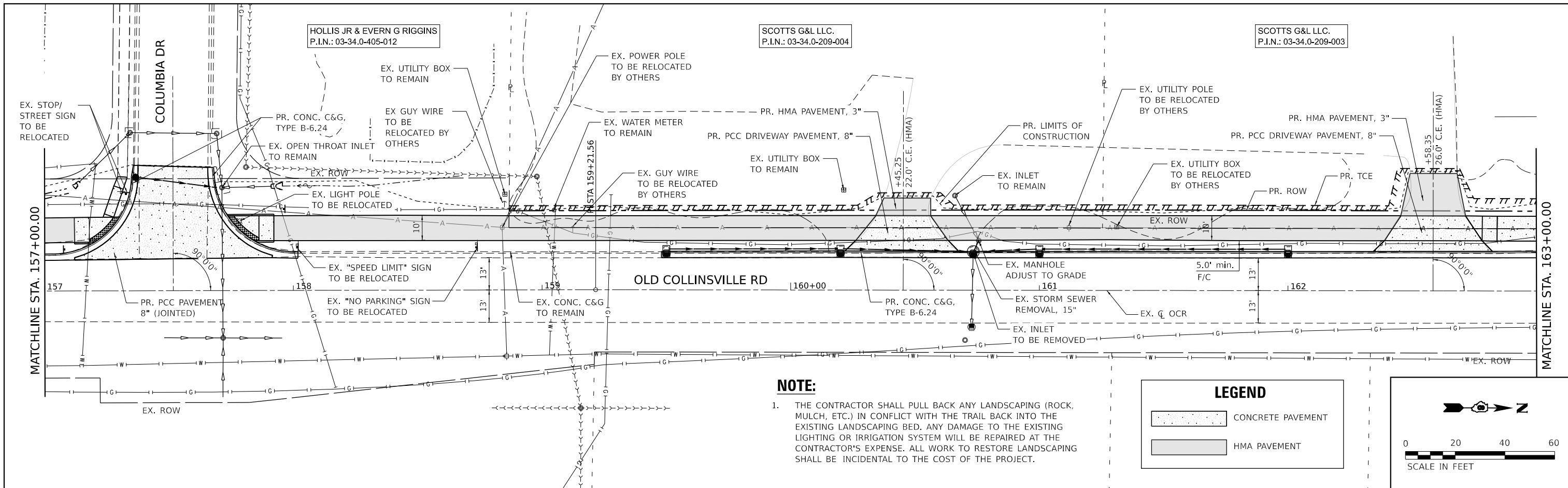


**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**PLAN AND PROFILE**  
 SCALE: 1"=20'  
 SHEET 4 OF 9 SHEETS  
 STA. 151+00.00 TO STA. 157+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	15
CONTRACT NO.		



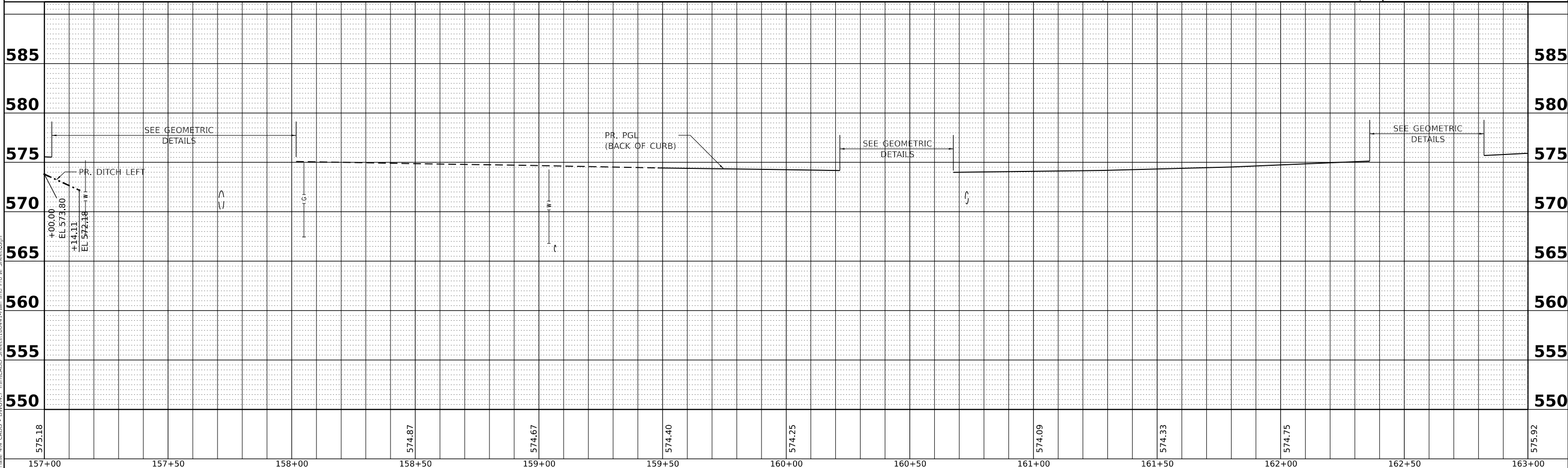
**NOTE:**

1. THE CONTRACTOR SHALL PULL BACK ANY LANDSCAPING (ROCK, MULCH, ETC.) IN CONFLICT WITH THE TRAIL BACK INTO THE EXISTING LANDSCAPING BED. ANY DAMAGE TO THE EXISTING LIGHTING OR IRRIGATION SYSTEM WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL WORK TO RESTORE LANDSCAPING SHALL BE INCIDENTAL TO THE COST OF THE PROJECT.

**LEGEND**

- CONCRETE PAVEMENT
- HMA PAVEMENT

SCALE IN FEET



MODEL: Plan Pro Ite Sheet 5  
 FILE NAME: P:\2018\180411\Phase 4\ CADD - DWG\4.7 Trim\CADD Sheets\180411\Plan and Profile Sheets.dgn

**TWM**  
 ENGINEERING  
 GEOSPATIAL SERVICES

**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller  
 PLOT SCALE = 40.00000000' / in.  
 PLOT DATE = 3/19/2024

DESIGNED - KMO  
 DRAWN - BAB  
 CHECKED - JWS  
 DATE - XX/XX/XXXX

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



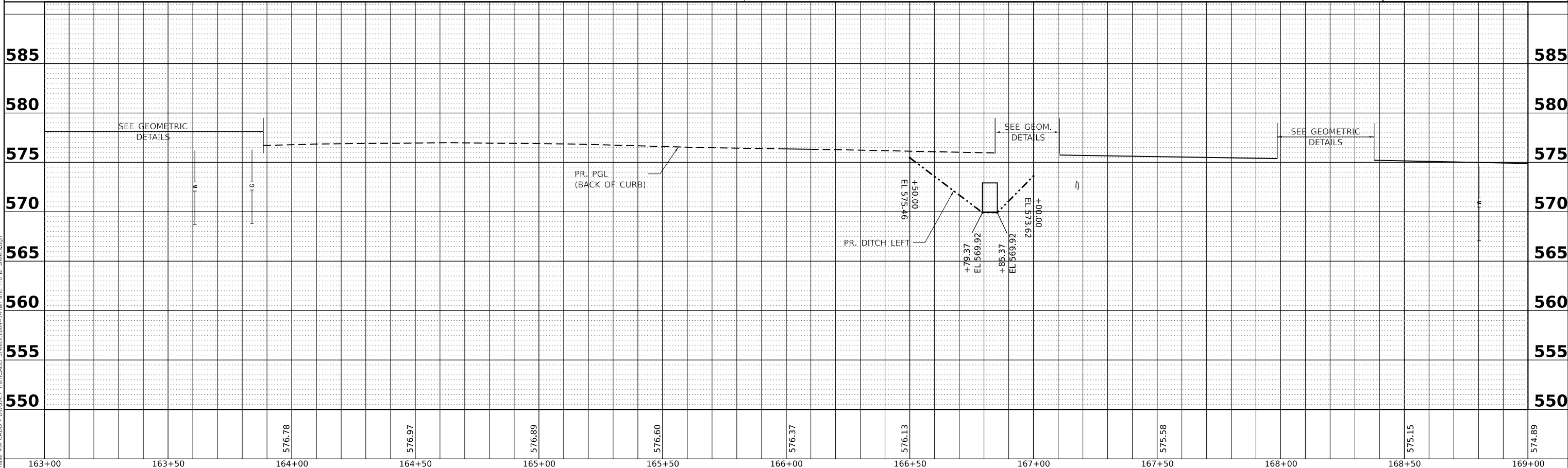
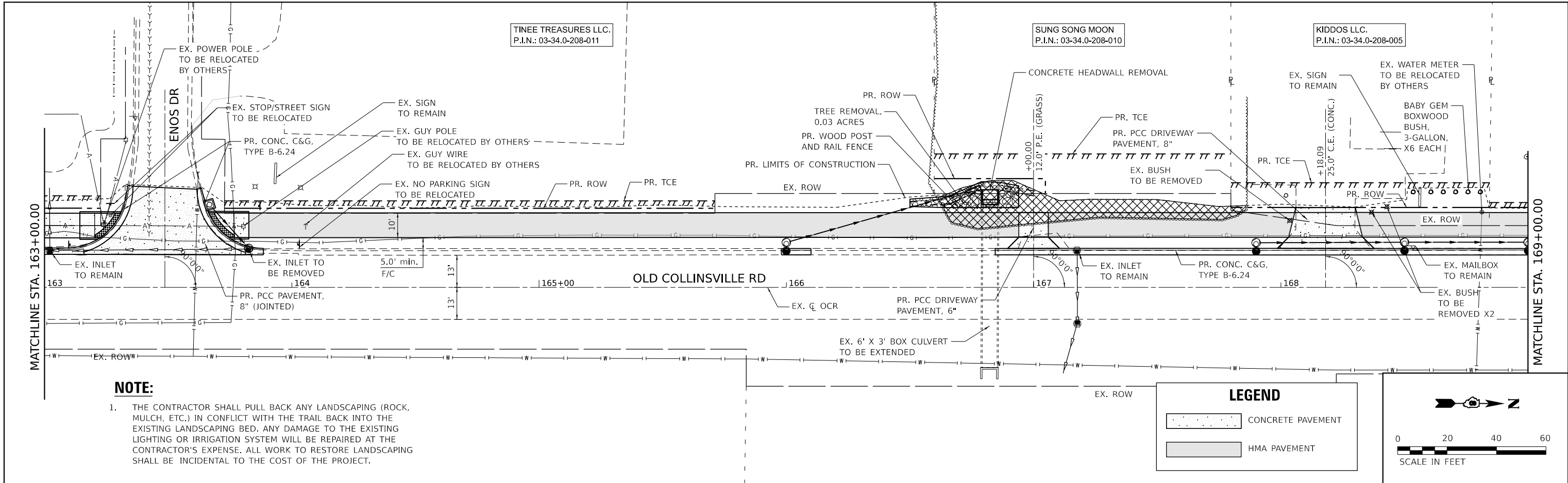
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**PLAN AND PROFILE**  
 SCALE: 1"=20'  
 SHEET 5 OF 9 SHEETS  
 STA. 157+00.00 TO STA. 163+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	16
CONTRACT NO.		





MODEL: Plan Pro Ite Sheet 6  
 FILE NAME: P:\2018\180413\Phase 4\ CADD - DWG\4.7 Trim\CADD Sheets\180413\Plan and Profile Sheets.dgn



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 IL DESIGN FIRM  
 LICENSE NO: 184-001220  
 USER NAME = kostermiller  
 PLOT SCALE = 40.00000000' / in.  
 PLOT DATE = 3/19/2024

DESIGNED - KMO  
 DRAWN - BAB  
 CHECKED - JWS  
 DATE - XX/XX/XXXX

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

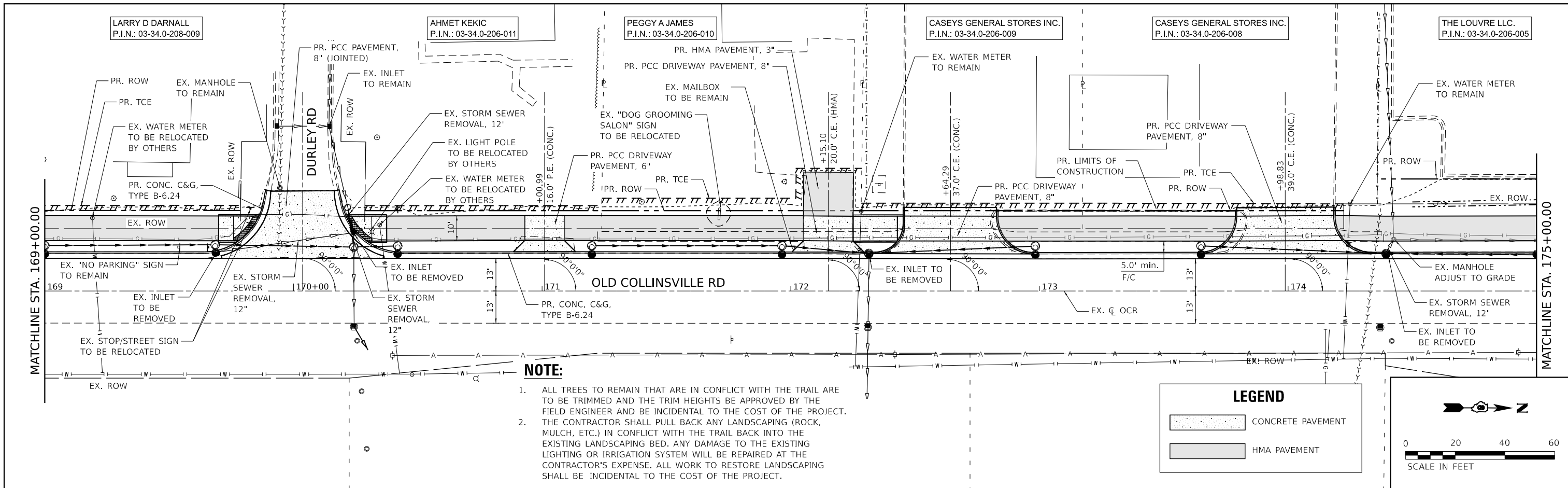


**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**PLAN AND PROFILE**  
 SCALE: 1"=20'  
 SHEET 6 OF 9 SHEETS  
 STA. 163+00.00 TO STA. 169+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	17
CONTRACT NO.		



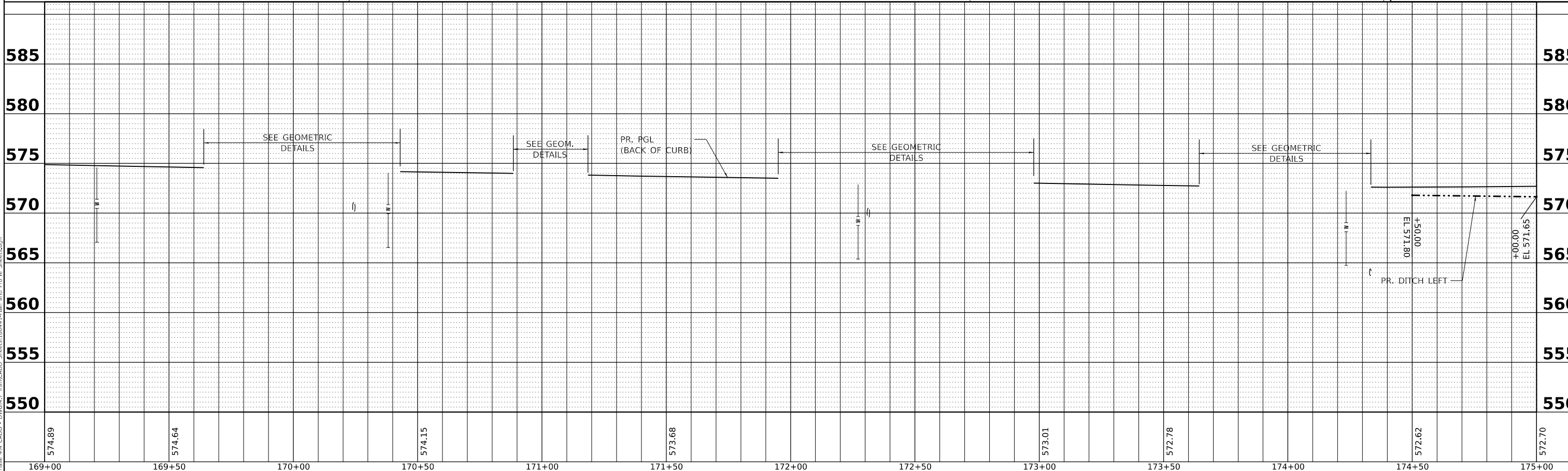
**NOTE:**

1. ALL TREES TO REMAIN THAT ARE IN CONFLICT WITH THE TRAIL ARE TO BE TRIMMED AND THE TRIM HEIGHTS BE APPROVED BY THE FIELD ENGINEER AND BE INCIDENTAL TO THE COST OF THE PROJECT.
2. THE CONTRACTOR SHALL PULL BACK ANY LANDSCAPING (ROCK, MULCH, ETC.) IN CONFLICT WITH THE TRAIL BACK INTO THE EXISTING LANDSCAPING BED. ANY DAMAGE TO THE EXISTING LIGHTING OR IRRIGATION SYSTEM WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL WORK TO RESTORE LANDSCAPING SHALL BE INCIDENTAL TO THE COST OF THE PROJECT.

**LEGEND**

- CONCRETE PAVEMENT
- HMA PAVEMENT

SCALE IN FEET



MODEL: Plan Pro Ite Sheet 7  
FILE NAME: P:\2018\180411\Phase 4\ CADD - DWG\4.7 Trim\CADD Sheets\180411\Plan and Profile Sheets.dgn



**TWM, INC.**  
www.twm-inc.com  
IL DESIGN FIRM  
LICENSE NO: 184-001220

USER NAME = kostermiller  
PLOT SCALE = 40.00000000 ' / in.  
PLOT DATE = 3/19/2024

DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

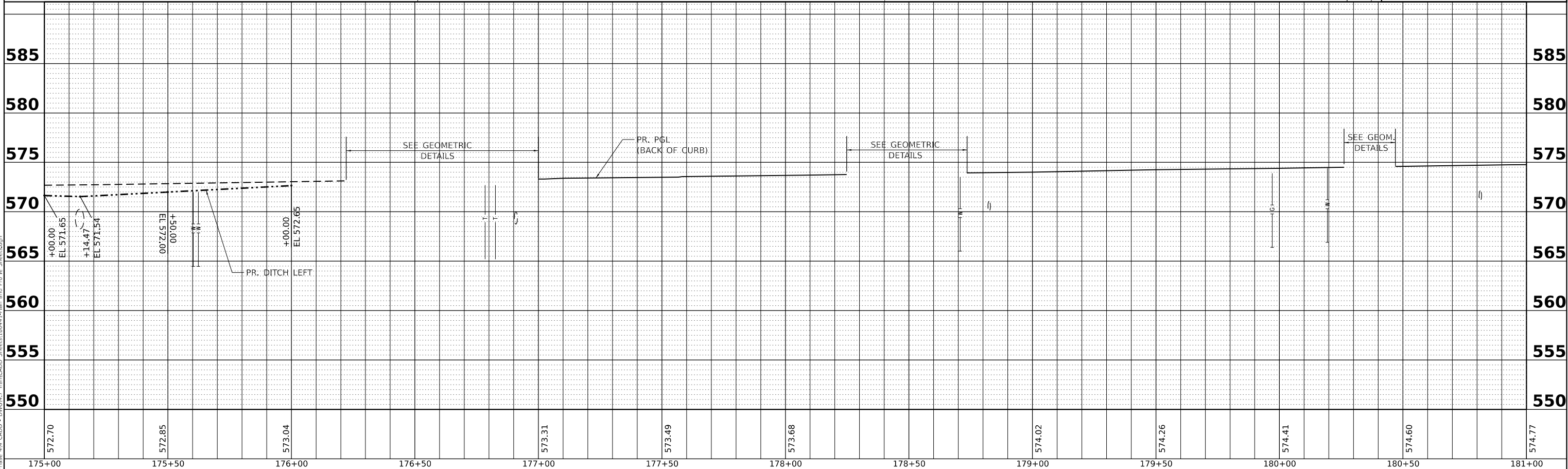
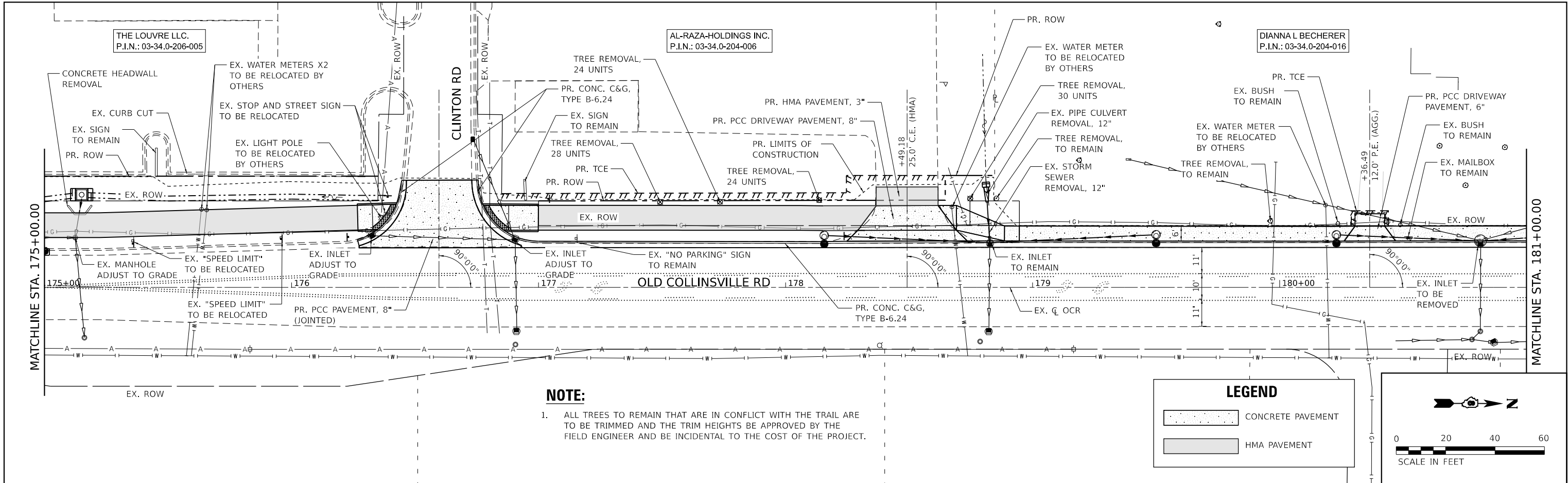


**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**PLAN AND PROFILE**  
SCALE: 1"=20'  
SHEET 7 OF 9 SHEETS  
STA. 169+00.00 TO STA. 175+00.00

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	18
CONTRACT NO.		



MODEL: Plan Profile Sheet 8  
FILE NAME: P:\2020\18180413\Phase 4\ CADD - DWG\4.7 Trim\CADD Sheets\180413\Plan and Profile Sheet8.dgn



**TWM, INC.**  
www.twm-inc.com  
IL DESIGN FIRM  
LICENSE NO: 184-001220  
USER NAME = kostermiller  
PLOT SCALE = 40.00000000' / in.  
PLOT DATE = 3/19/2024

DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX  
REVISED -  
REVISED -  
REVISED -  
REVISED -



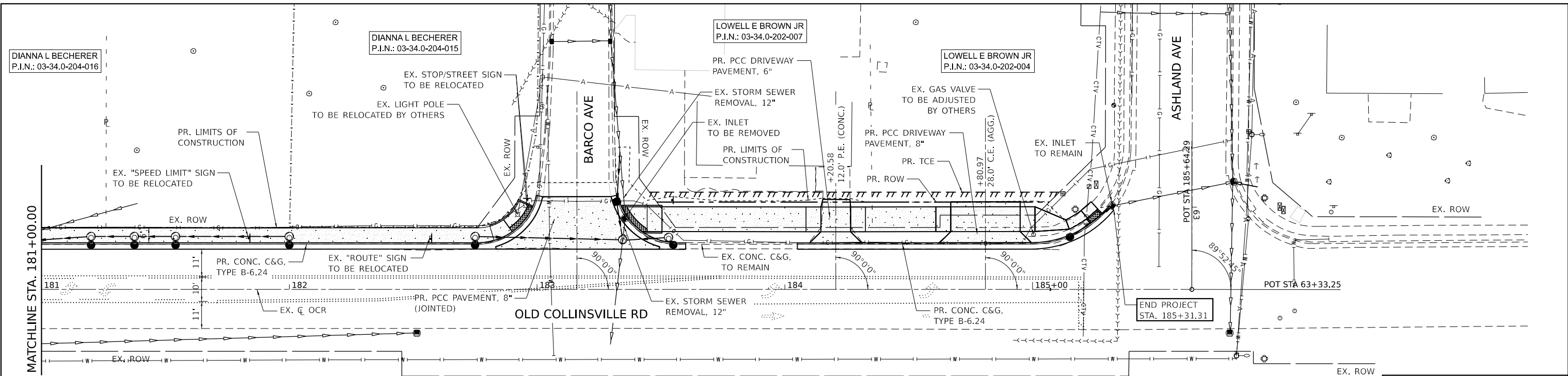
ST. CLAIR COUNTY  
TRANSIT DISTRICT

PLAN AND PROFILE

SCALE: 1"=20' SHEET 8 OF 9 SHEETS STA. 175+00.00 TO STA. 181+00.00

OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4

COUNTY TOTAL SHEETS SHEET NO.  
ST. CLAIR 77 19  
CONTRACT NO.



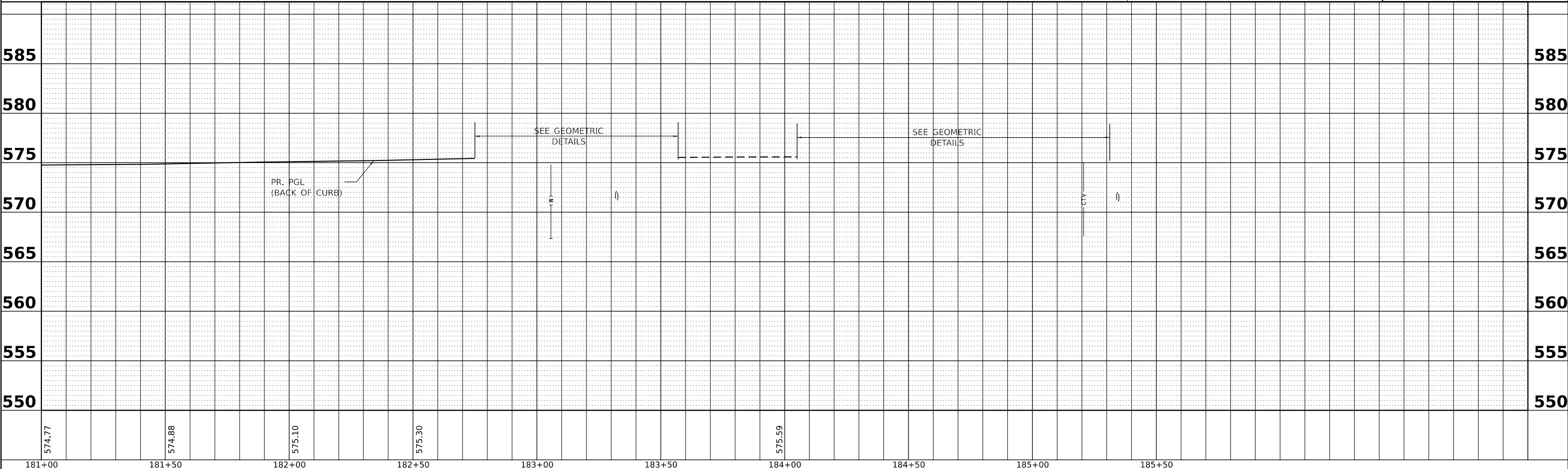
**NOTE:**

- ALL TREES TO REMAIN THAT ARE IN CONFLICT WITH THE TRAIL ARE TO BE TRIMMED AND THE TRIM HEIGHTS BE APPROVED BY THE FIELD ENGINEER AND BE INCIDENTAL TO THE COST OF THE PROJECT.

**LEGEND**

- [Pattern] CONCRETE PAVEMENT
- [Pattern] HMA PAVEMENT

SCALE IN FEET



MODEL: Plan Pro Ite Sheet 9  
 FILE NAME: P:\2018\180411\Phase 4\ CADD - DWG\4.7 Trim\CADD Sheets\180411\Plan and Profile Sheets.dgn



**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 40.00000000 ' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -

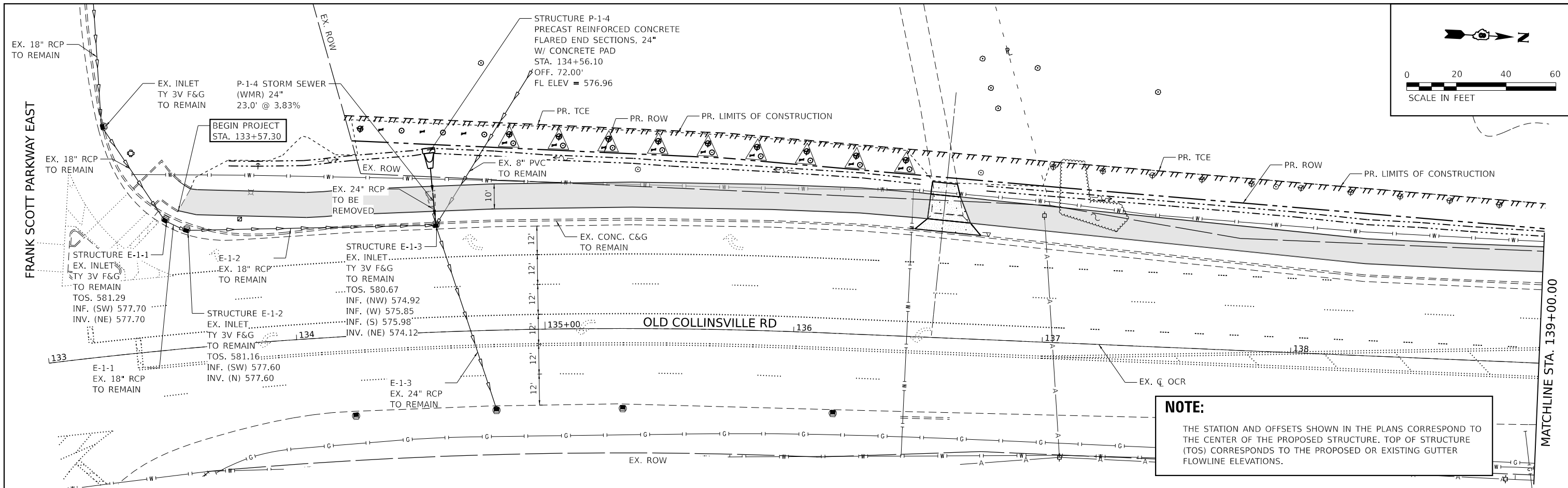


**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

<b>PLAN AND PROFILE</b>	
SCALE: 1"=20'	SHEET 9 OF 9 SHEETS
STA. 181+00.00	TO STA. 185+31.31

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	20
CONTRACT NO.		



MODEL: Drainage Plan and Profile 1  
 FILE NAME: P:\2020\18180411\Phase 4\ CADD - DWG\4.7 Trim\CADD Sheets\180411\Drainage Plan and Profile Sheets.dgn



USER NAME = kostermiller  
 PLOT SCALE = 40.00000000' / in.  
 PLOT DATE = 3/19/2024

DESIGNED - KMO  
 DRAWN - BAB  
 CHECKED - JWS  
 DATE - XX/XX/XXXX

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



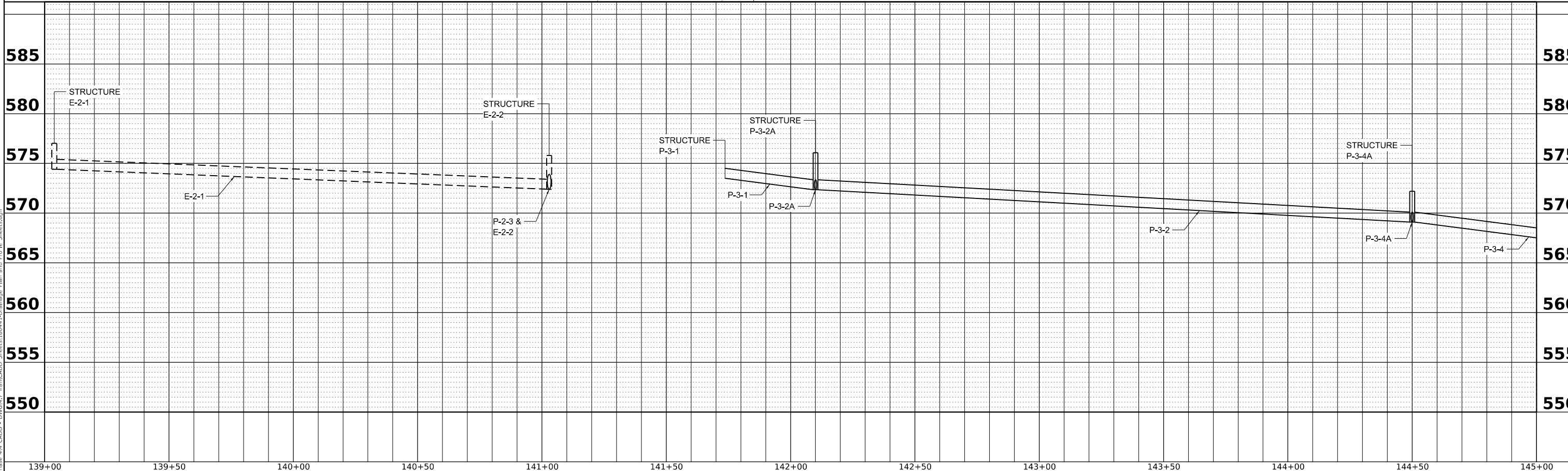
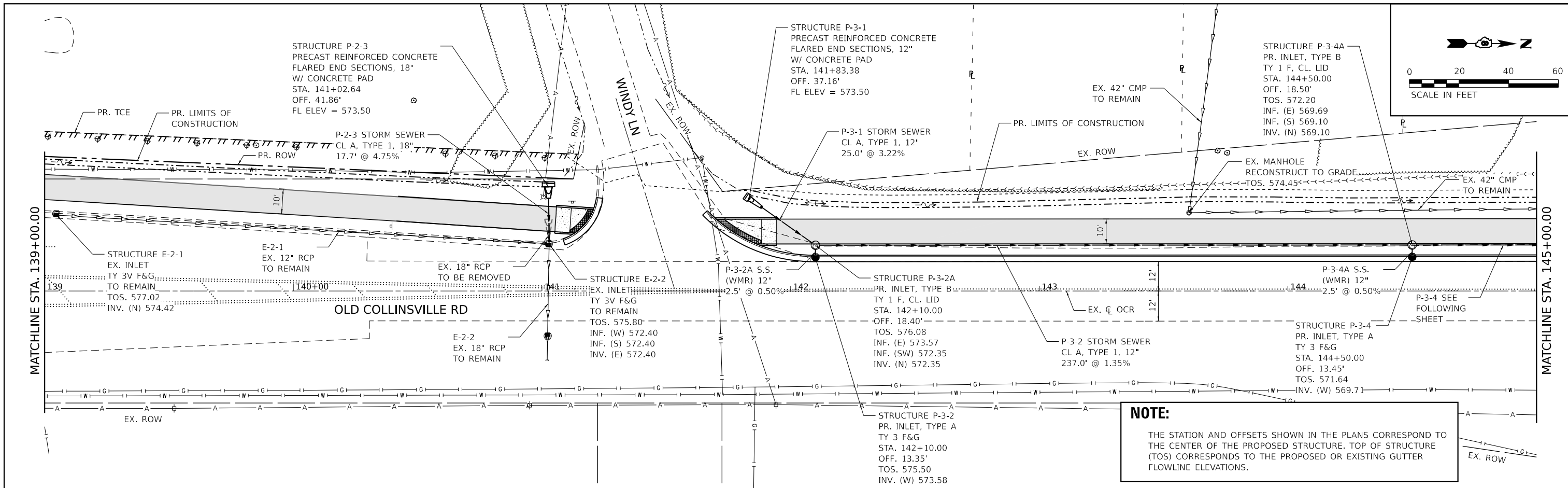
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**DRAINAGE PLAN AND PROFILE**

SCALE: 1"=20' SHEET 1 OF 9 SHEETS STA. 133+57.30 TO STA. 139+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	21
CONTRACT NO.		



MODEL: Drainage Plan and Profile 2  
 FILE NAME: P:\2018\180411\Phase 4\ CADD - DWG\4.7\Twm\CADD Sheets\180411\Drainage Plan and Profile Sheets.dgn



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 IL DESIGN FIRM  
 LICENSE NO:  
 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 40,000,0000 ' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -

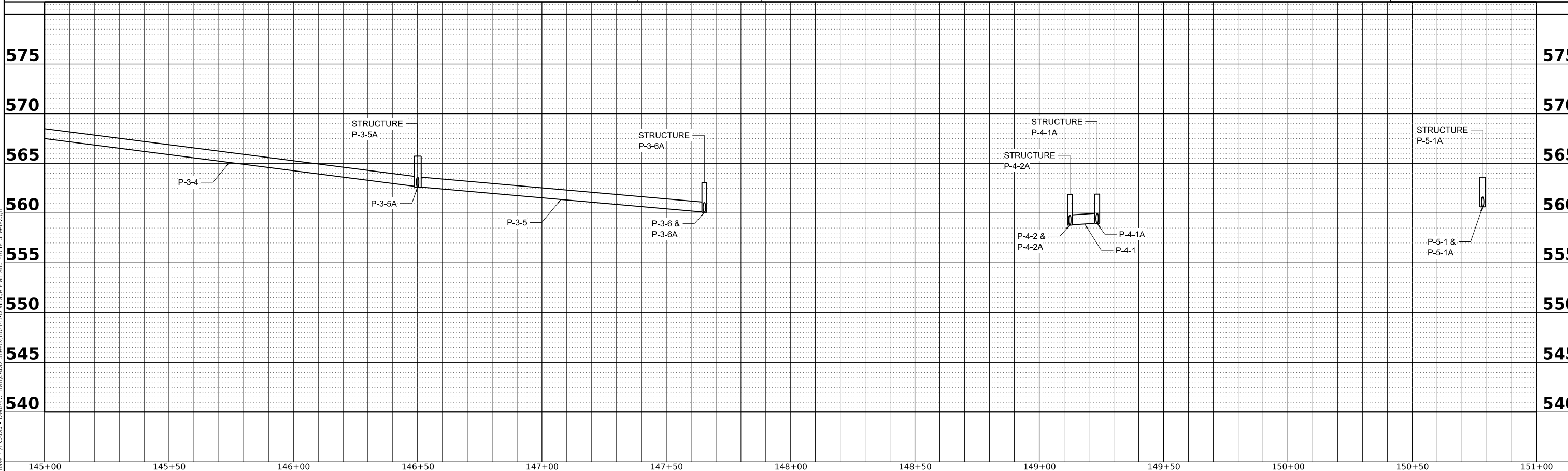
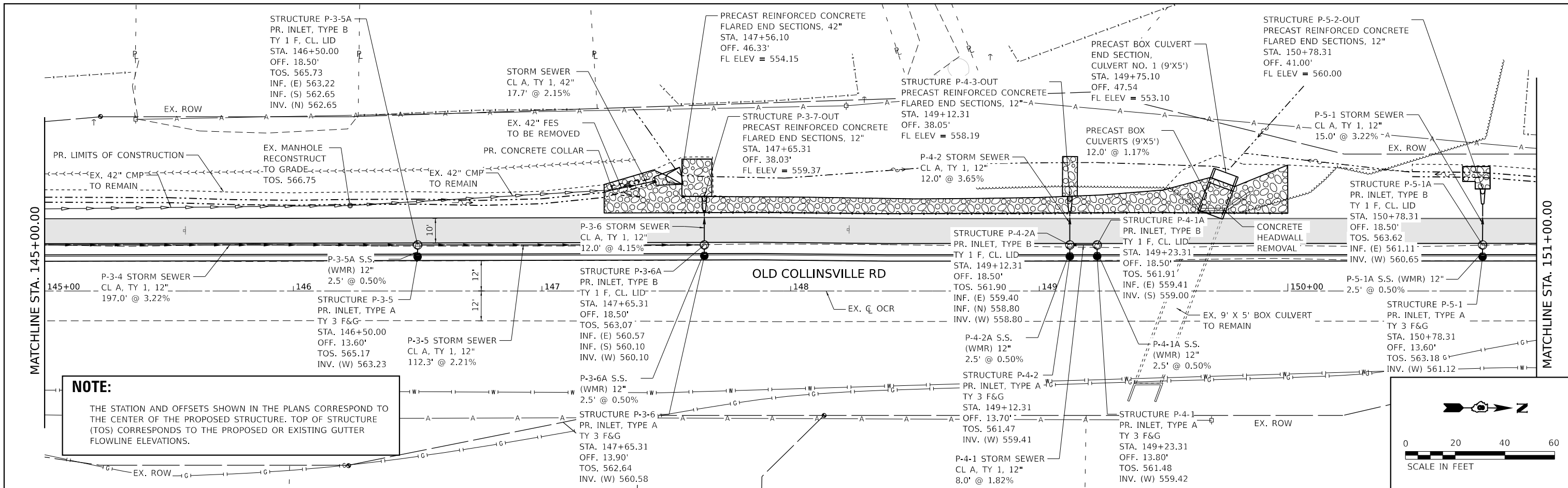


**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**DRAINAGE PLAN AND PROFILE**  
 SCALE: 1"=20'  
 SHEET 2 OF 9 SHEETS  
 STA. 139+00.00 TO STA. 145+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	22
CONTRACT NO.		



MODEL: Drainage Plan and Profile 3  
FILE NAME: P:\2018\180411\Phase 4\ CADD - DWG\4.7\_TrimCADD\_Sheets\180411\_Drainage Plan and Profile\_Sheets.dgn



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USER NAME = kostermiller  
DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISED -  
REVISED -  
REVISED -  
REVISED -

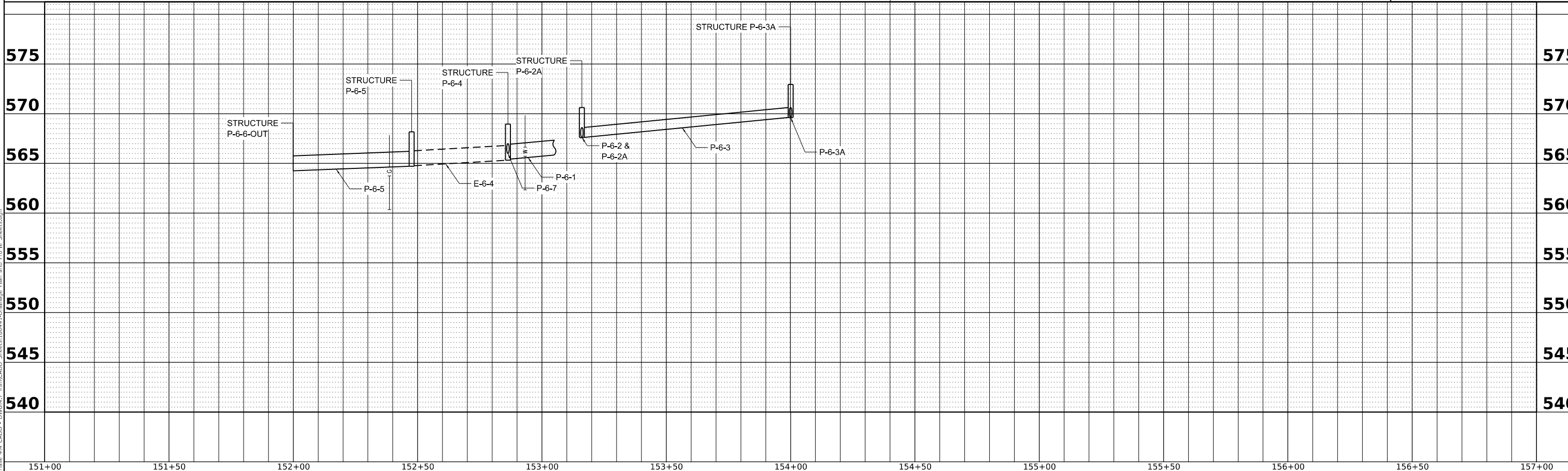
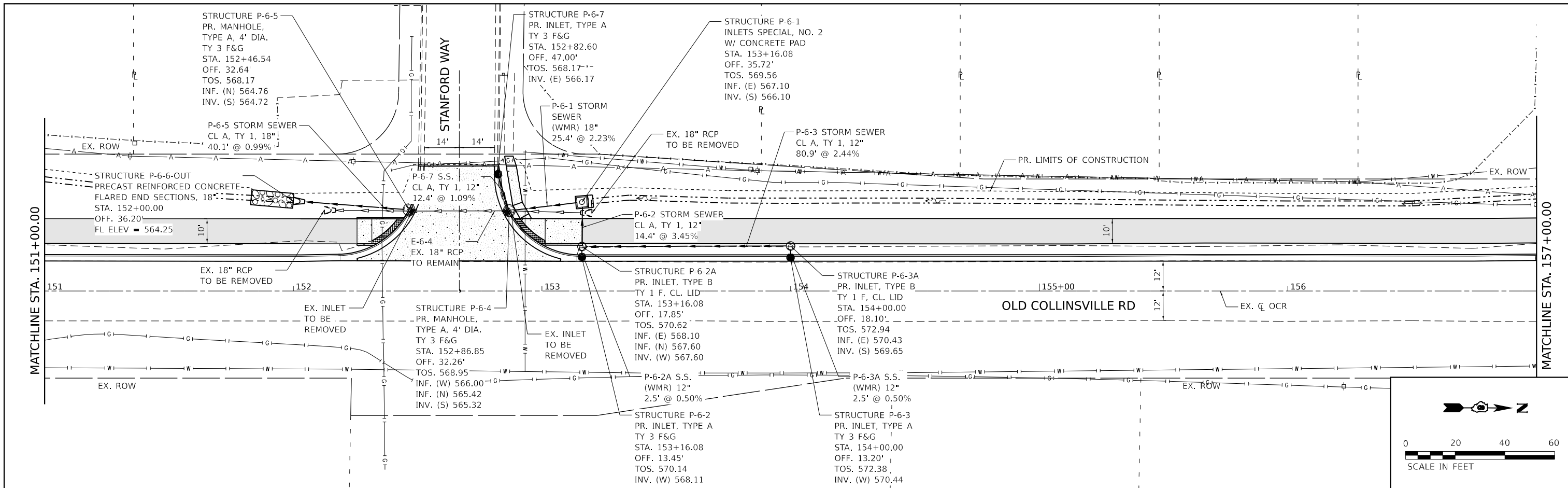


**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**DRAINAGE PLAN AND PROFILE**  
SCALE: 1"=20'  
SHEET 3 OF 9 SHEETS  
STA. 145+00.00 TO STA. 151+00.00

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	23
CONTRACT NO.		



MODEL: Drainage Plan and Profile 4  
FILE NAME: P:\2018\180411\Phase 4\ CADD - DWG\4.7\_TrimCADD\_Sheets\180411\_Drainage Plan and Profile\_Sheets.dgn



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LICENSE NO: 184-001220

USER NAME = kostermiller  
DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISIONS  
REVISIONS  
REVISIONS  
REVISIONS



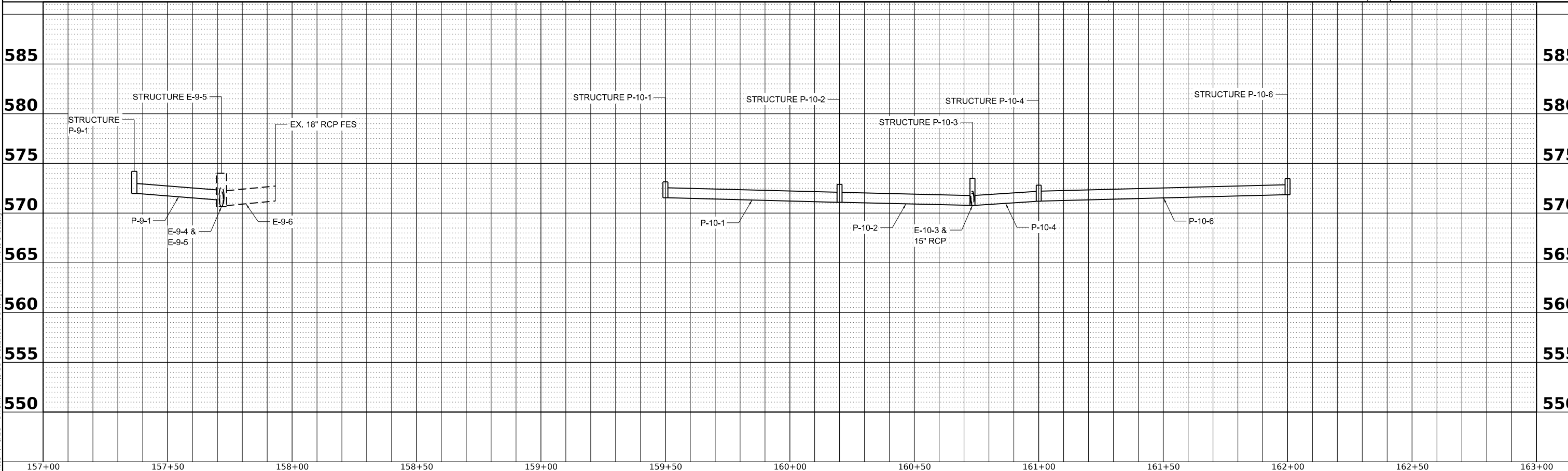
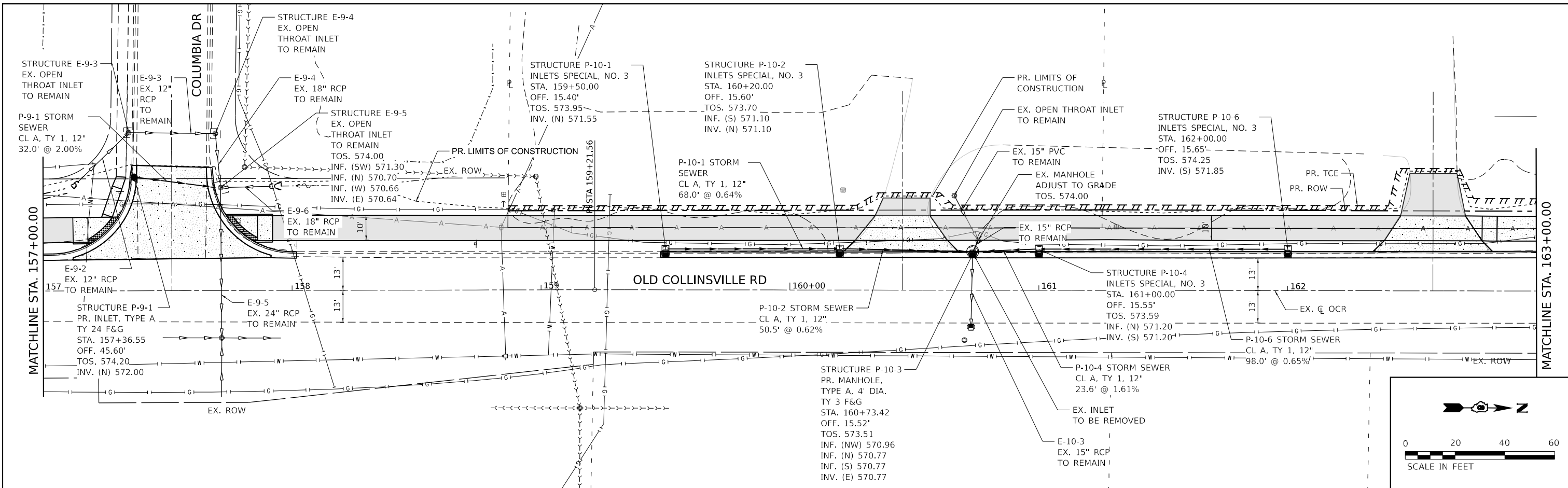
**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**DRAINAGE PLAN AND PROFILE**  
SCALE: 1"=20'  
SHEET 4 OF 9 SHEETS  
STA. 151+00.00 TO STA. 157+00.00

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	24
CONTRACT NO.		





MODEL: Drainage Plan and Profile 5  
FILE NAME: P:\2018\180411\Phase 4\ CADD - DWG\4.7\_TrimCADD\_Sheets\180411\_Drainage Plan and Profile\_Sheets.dwg



USER NAME = kostermiller

PLOT SCALE = 40.00000000' / in.

PLOT DATE = 3/19/2024

DESIGNED - KMO

DRAWN - BAB

CHECKED - JWS

DATE - XX/XX/XXXX

REVISED -

REVISED -

REVISED -

REVISED -



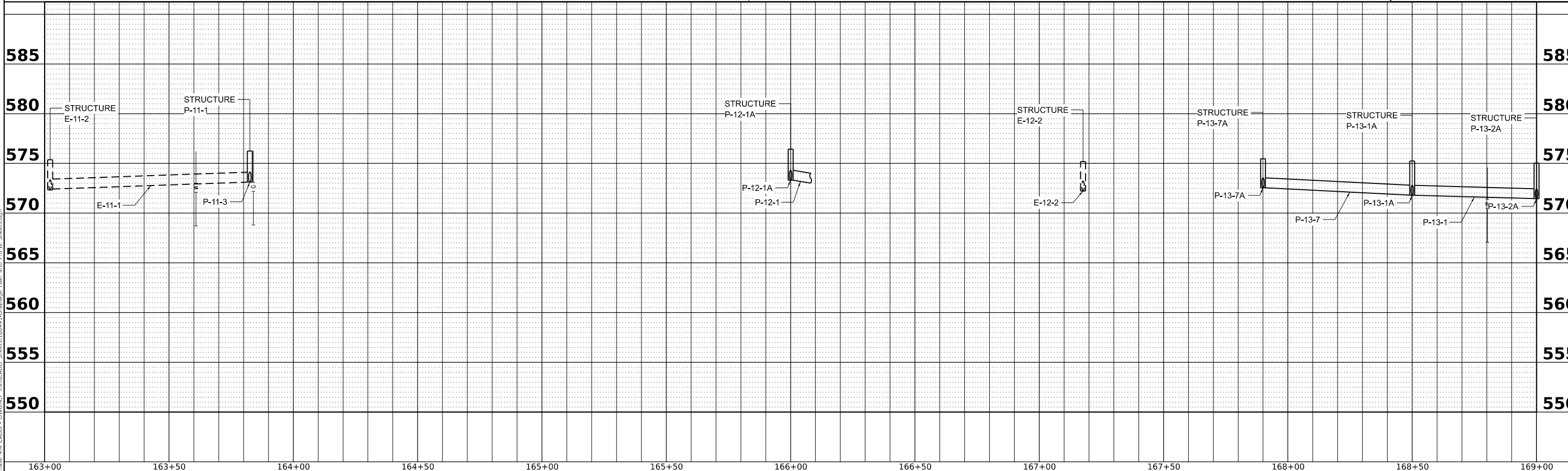
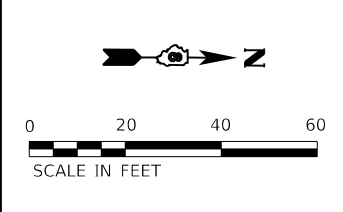
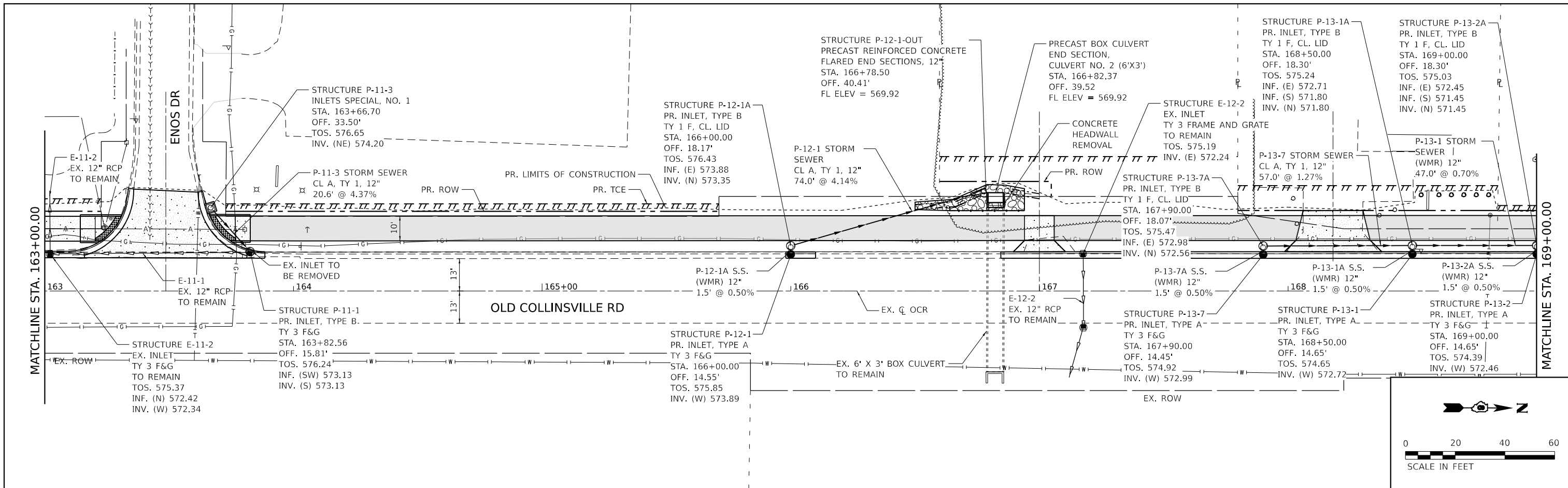
ST. CLAIR COUNTY  
TRANSIT DISTRICT

DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 5 OF 9 SHEETS STA. 157+00.00 TO STA. 163+00.00

OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	25
CONTRACT NO.		



MODEL: Drainage Plan and Profile 6  
FILE NAME: P:\2018\180411\Phase 4\ CADD - DWG\4.7 Trim\CADD Sheets\180411\Drainage Plan and Profile Sheets.dgn



USER NAME = kostermiller  
PLOT SCALE = 40,00000000 ' / in.  
PLOT DATE = 3/19/2024

DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISED -  
REVISED -  
REVISED -  
REVISED -



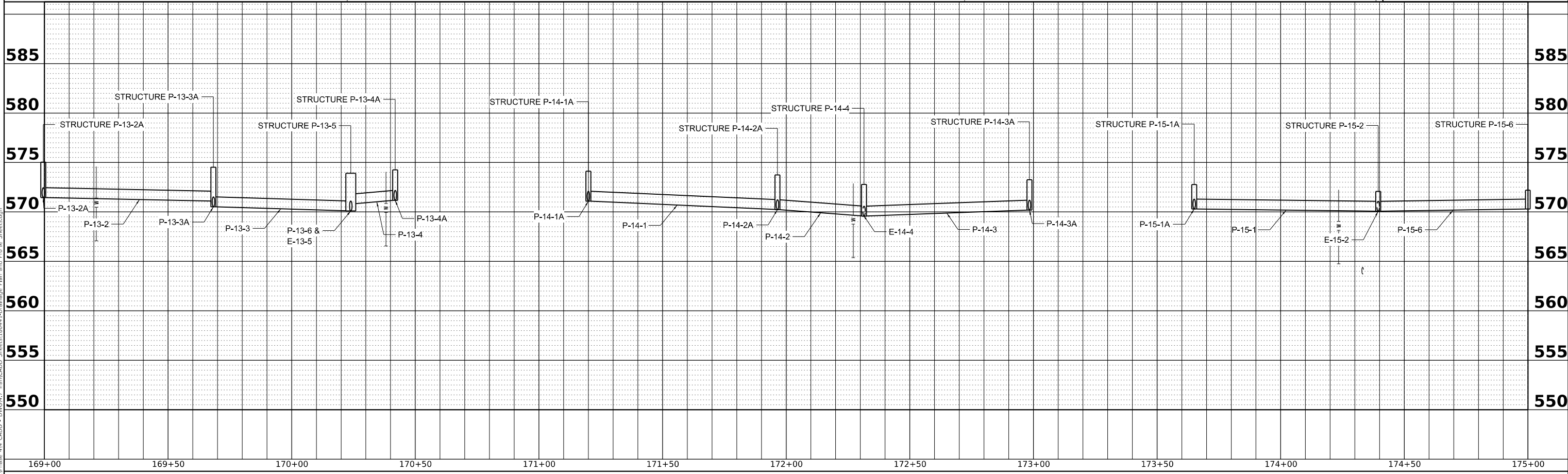
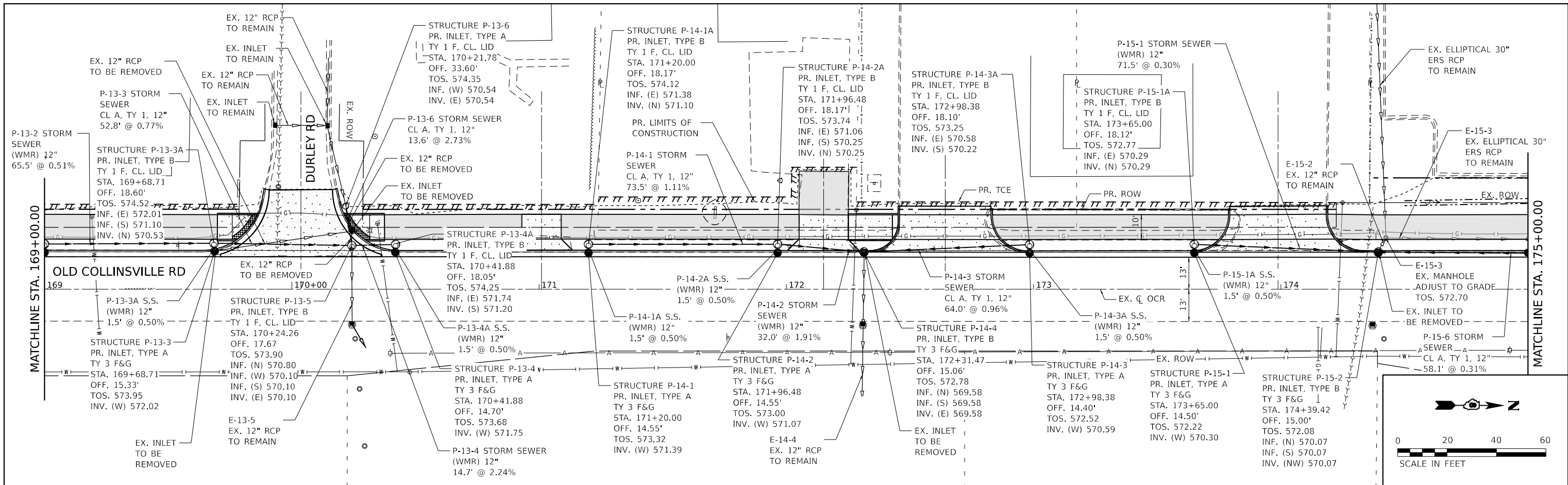
ST. CLAIR COUNTY  
TRANSIT DISTRICT

DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 6 OF 9 SHEETS STA. 163+00.00 TO STA. 169+00.00

OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	26
CONTRACT NO.		



MODEL: Drainage Plan and Profile 7  
 FILE NAME: P:\2020\18180411\Phase 4\ CADD - DWG\4.7\_TrimCADD Sheets\180411\Drainage Plan and Profile Sheets.dgn



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 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 40.00000000' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -

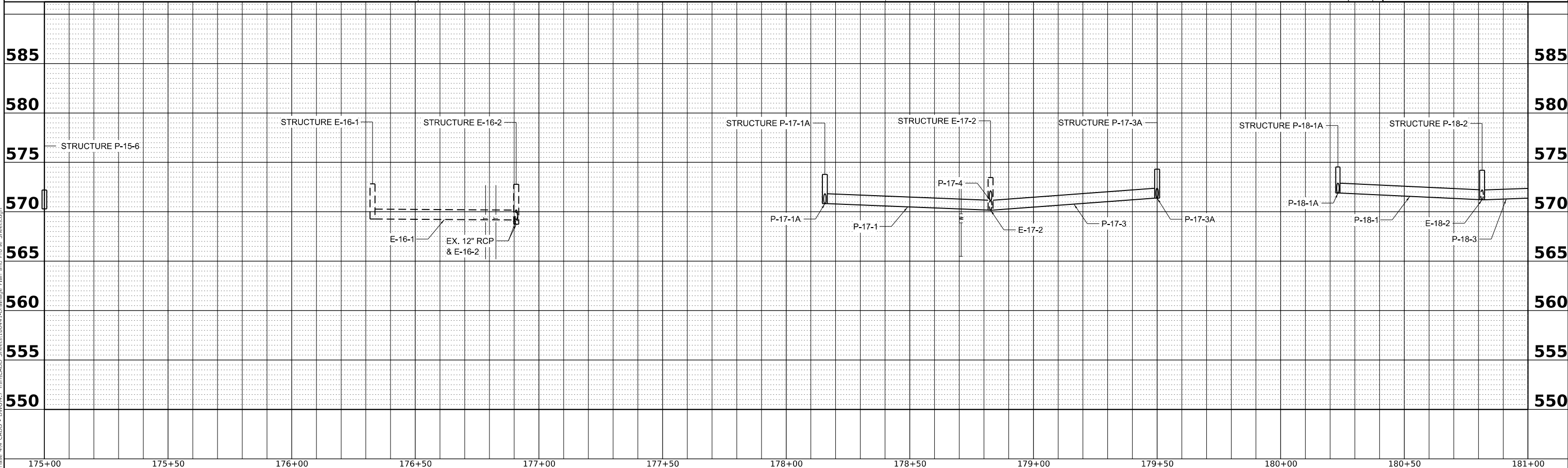
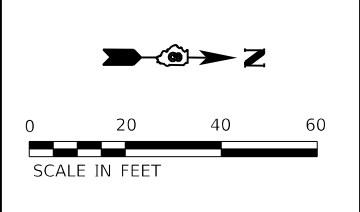
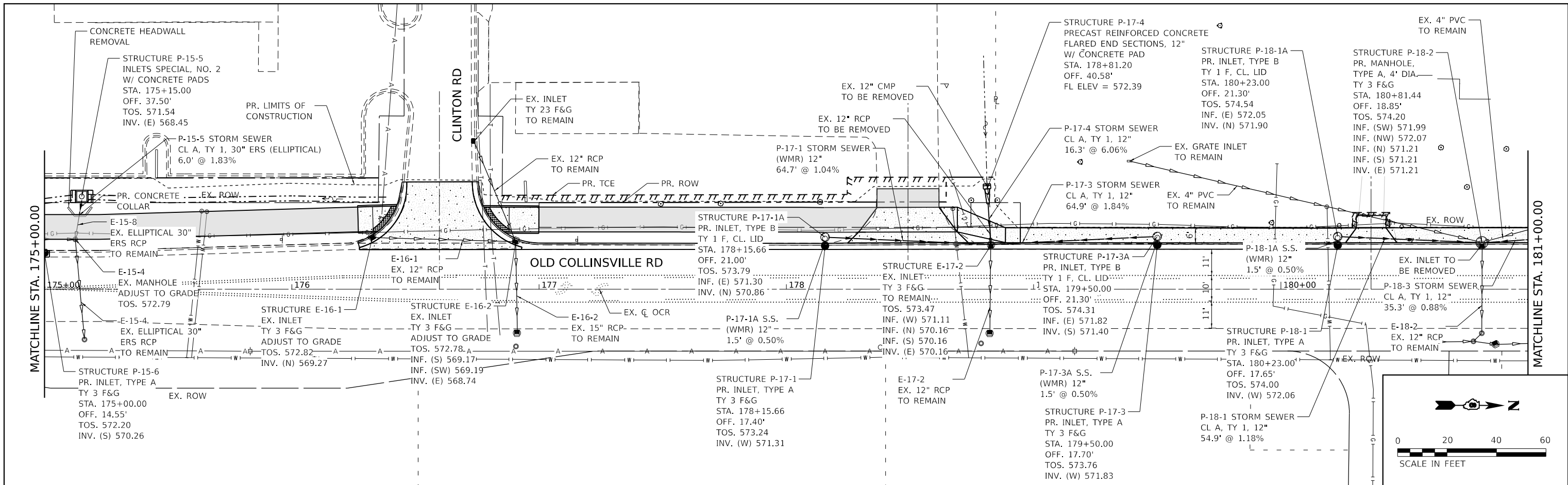


**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**DRAINAGE PLAN AND PROFILE**  
 SCALE: 1"=20' SHEET 7 OF 9 SHEETS STA. 169+00.00 TO STA. 175+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	27
CONTRACT NO.		



MODEL: Drainage Plan and Profile 8  
FILE NAME: P:\2018\180411\Phase 4.dwg - DWG4\_7\_TrimCADD\_Sheets\180411\_Drainage Plan and Profile\_Sheets.dwg



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LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 40.00000000' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



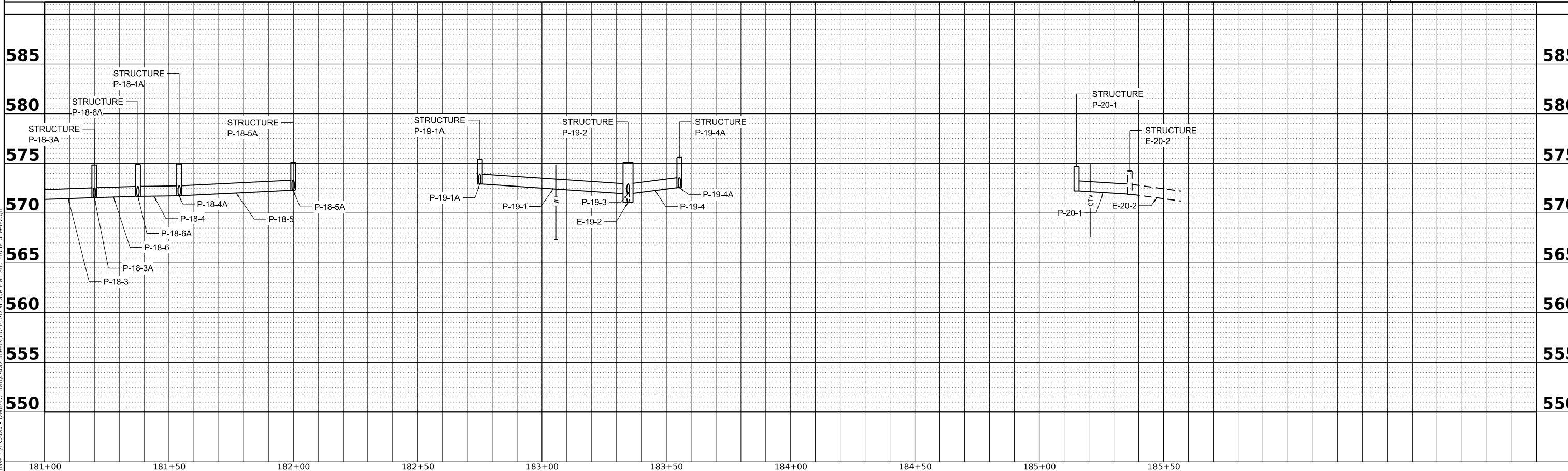
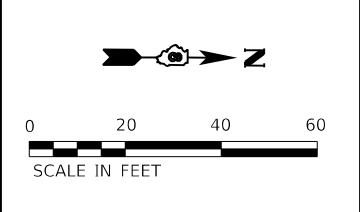
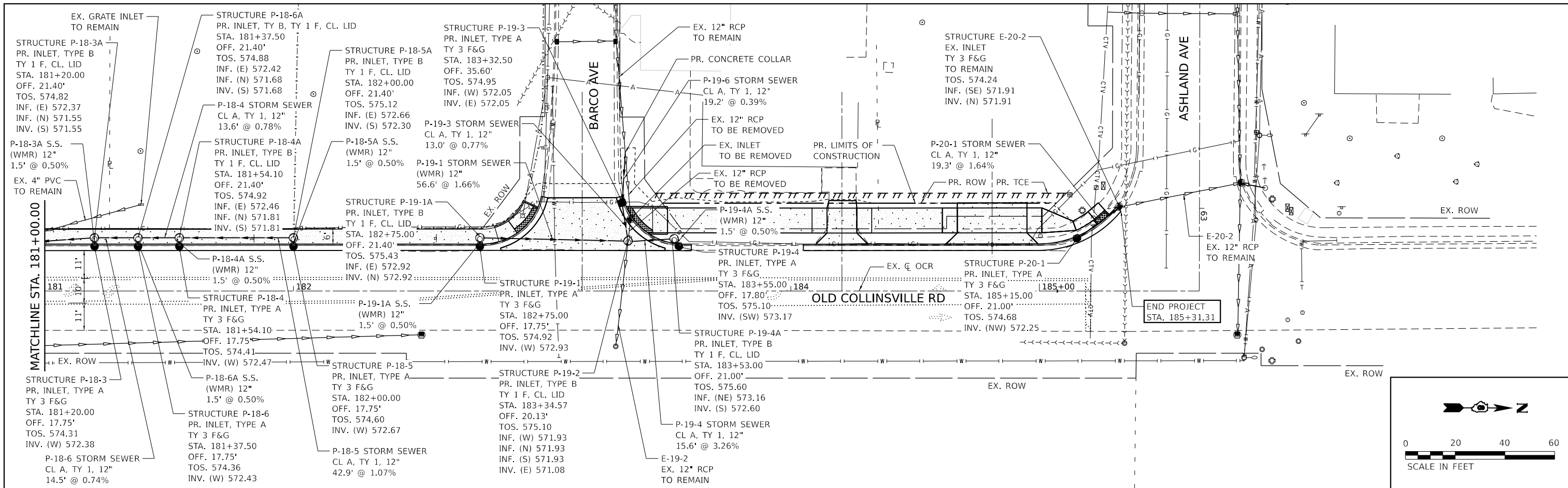
**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**DRAINAGE PLAN AND PROFILE**

SCALE: 1"=20'    SHEET 8 OF 9 SHEETS    STA. 175+00.00 TO STA. 181+00.00

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	28
CONTRACT NO.		



MODEL: Drainage Plan and Profile 9  
FILE NAME: P:\2020\18180411\Phase 4\ CADD - DWG\4.7\Tm\CADD Sheets\180411\Drainage Plan and Profile Sheets.dgn



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LICENSE NO: 184-001220

USER NAME = kostermiller  
PLOT SCALE = 40.00000000' / in.  
PLOT DATE = 3/19/2024

DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

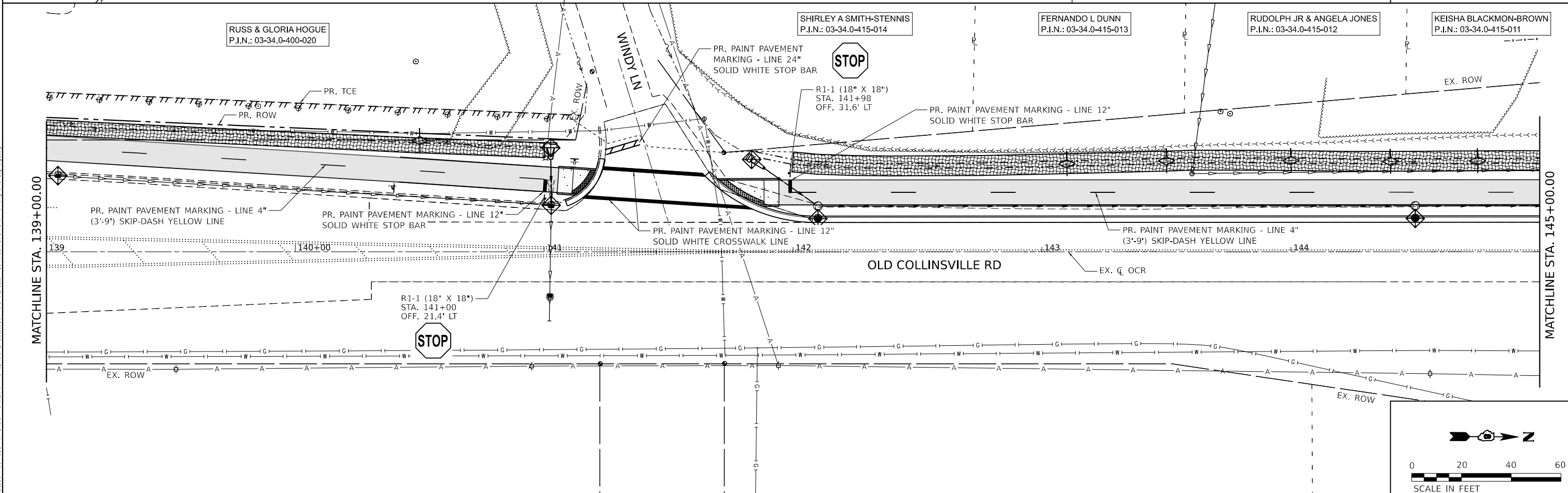
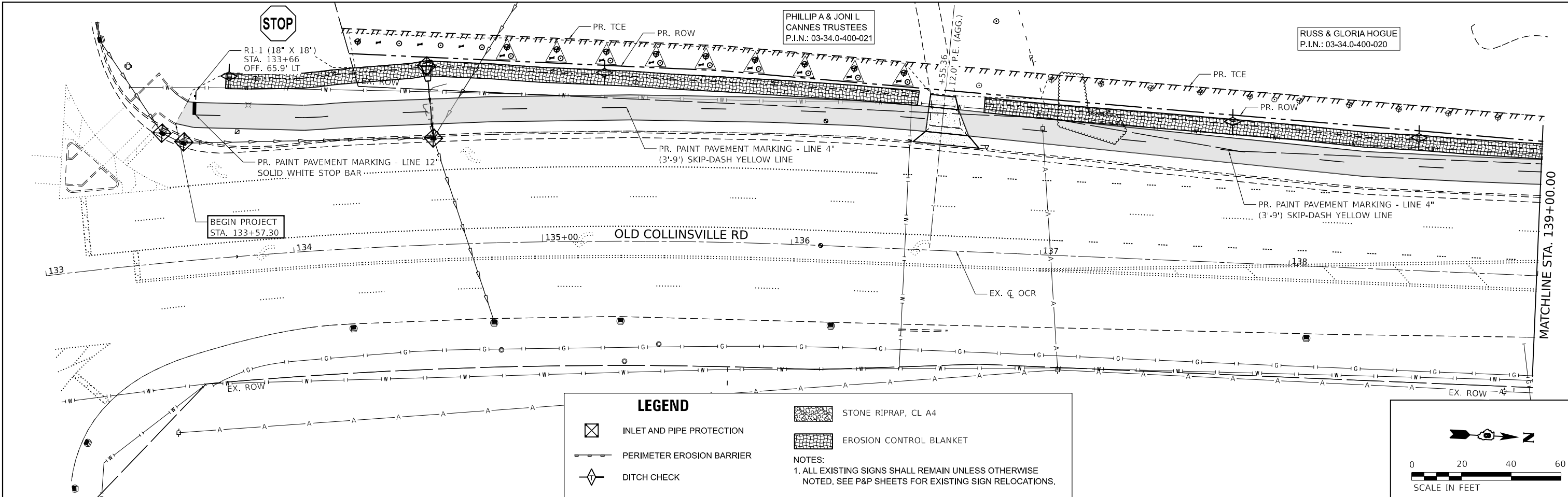


**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**DRAINAGE PLAN AND PROFILE**  
SCALE: 1"=20'  
SHEET 9 OF 9 SHEETS  
STA. 181+00.00 TO STA. 185+31.31

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	29
CONTRACT NO.		



MODEL: EX. OCR CL - Row Plan 1  
 FILE NAME: P:\2018\180411\Phase 4.dwg - DWG4.7.Tm\CADD Sheets\180411-180411-Erosion Control, Pavement Marking and Signage.dwg

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 LICENSE NO: 184-001220

USER NAME	= kostermiller
PLOT SCALE	= 40,000,000,000 ' / in.
PLOT DATE	= 3/19/2024

DESIGNED	- KMO	REVISED	-
DRAWN	- BAB	REVISED	-
CHECKED	- JWS	REVISED	-
DATE	- XX/XX/XXXX	REVISED	-

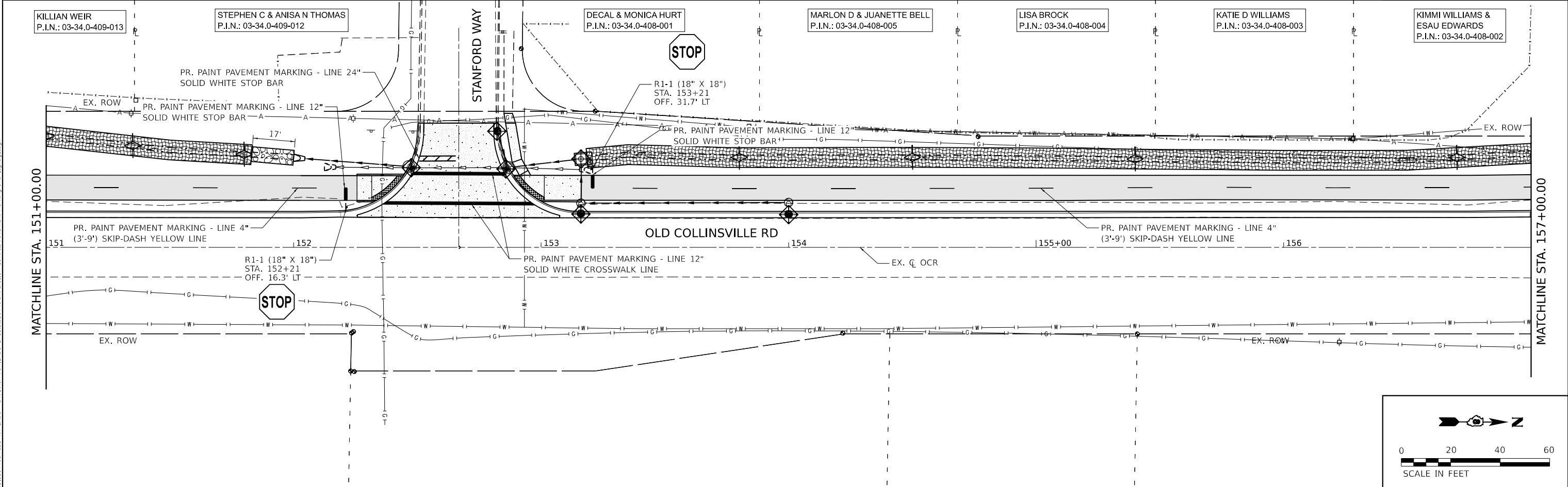
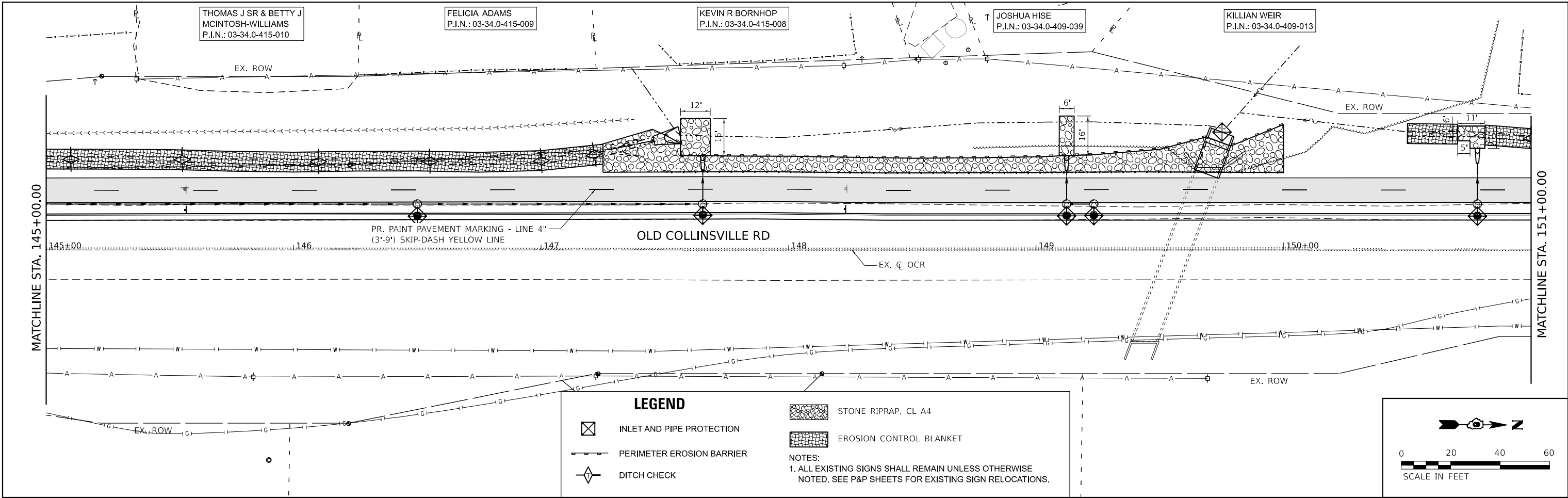


**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

<b>EROSION CONTROL, PAVEMENT MARKING, AND SIGNAGE PLAN</b>			
SCALE: 1"=20'	SHEET 1	OF 5 SHEETS	STA. 133+57.30 TO STA. 145+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

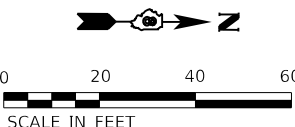
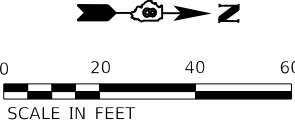
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	30
CONTRACT NO.		



**LEGEND**

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- DITCH CHECK
- STONE RIPRAP, CL A4
- EROSION CONTROL BLANKET

NOTES:  
 1. ALL EXISTING SIGNS SHALL REMAIN UNLESS OTHERWISE NOTED. SEE P&P SHEETS FOR EXISTING SIGN RELOCATIONS.



MODEL: EX. OCR CL - Row Plan 2  
 FILE NAME: P:\2018\180413\Phase 4.dwg - DWG4.7 Trim\CADD Sheets\180413-Erosion Control, Pavement Marking and Signage.dwg

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USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 40.00000000' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



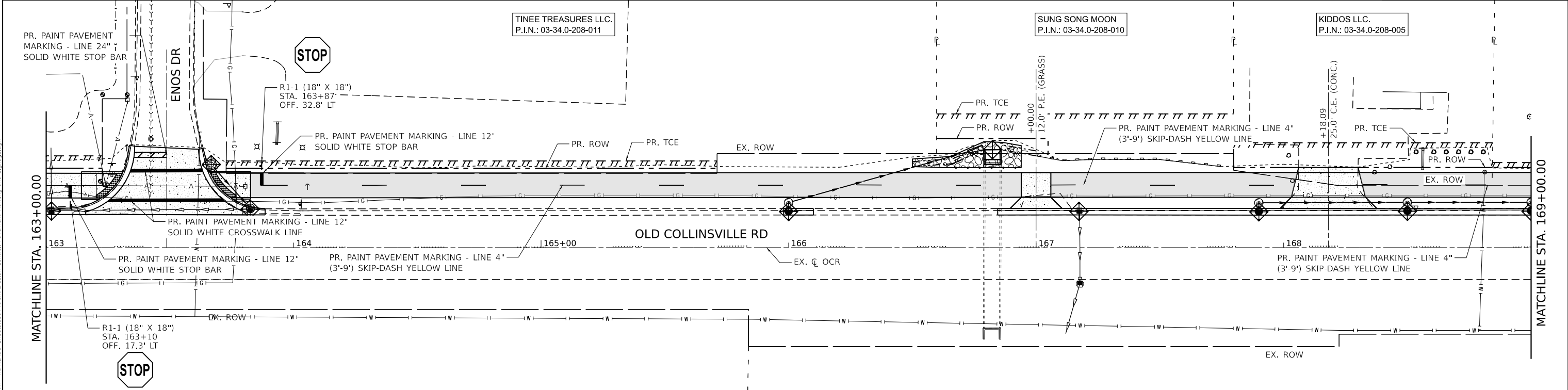
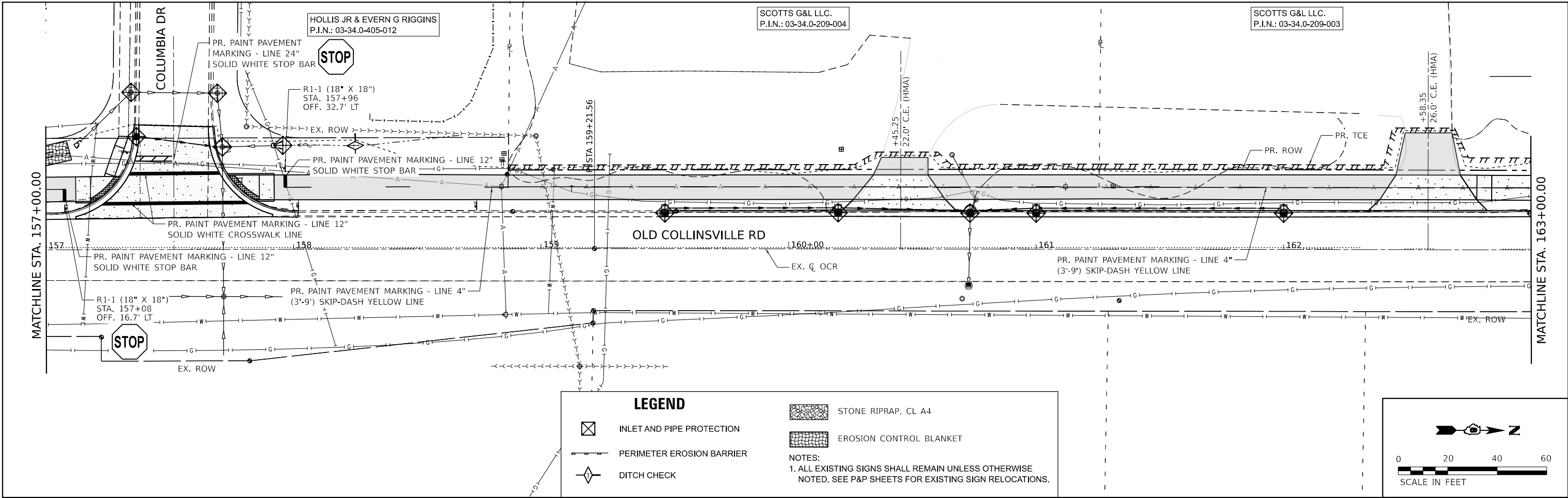
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**EROSION CONTROL, PAVEMENT MARKING, AND SIGNAGE PLAN**

SCALE: 1"=20'    SHEET 2 OF 5 SHEETS    STA. 145+00.00 TO STA. 157+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

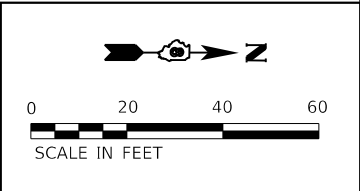
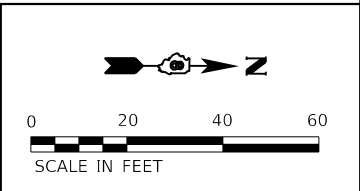
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	31
CONTRACT NO.		



**LEGEND**

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- DITCH CHECK
- STONE RIPRAP, CL A4
- EROSION CONTROL BLANKET

**NOTES:**  
 1. ALL EXISTING SIGNS SHALL REMAIN UNLESS OTHERWISE NOTED. SEE P&P SHEETS FOR EXISTING SIGN RELOCATIONS.



MODEL: EX OCR CL - Row Plan 3  
 FILE NAME: P:\2018\180413\Phase 4.dwg - DWG\4.7 Trim\CADD Sheets\180413\180413-Erosion Control, Pavement Marking and Signage.dwg

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USER NAME = kostermiller
PLOT SCALE = 40,00000000 ' / in.
PLOT DATE = 3/19/2024

DESIGNED - KMO	REVISED -
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DATE - XX/XX/XXXX	REVISED -



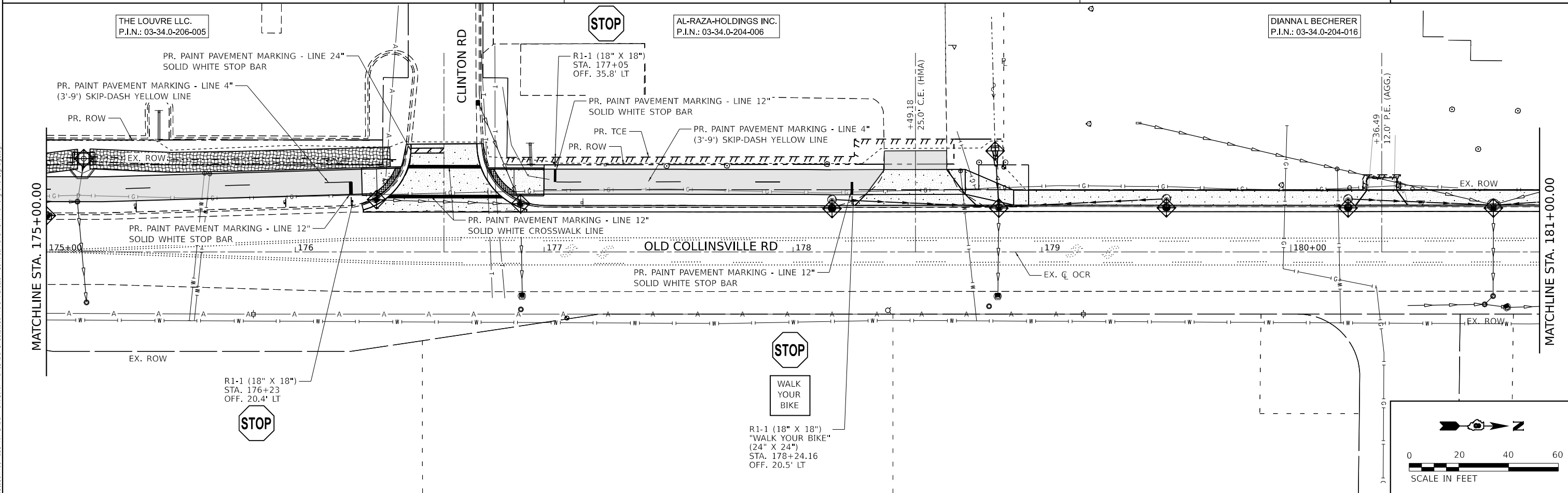
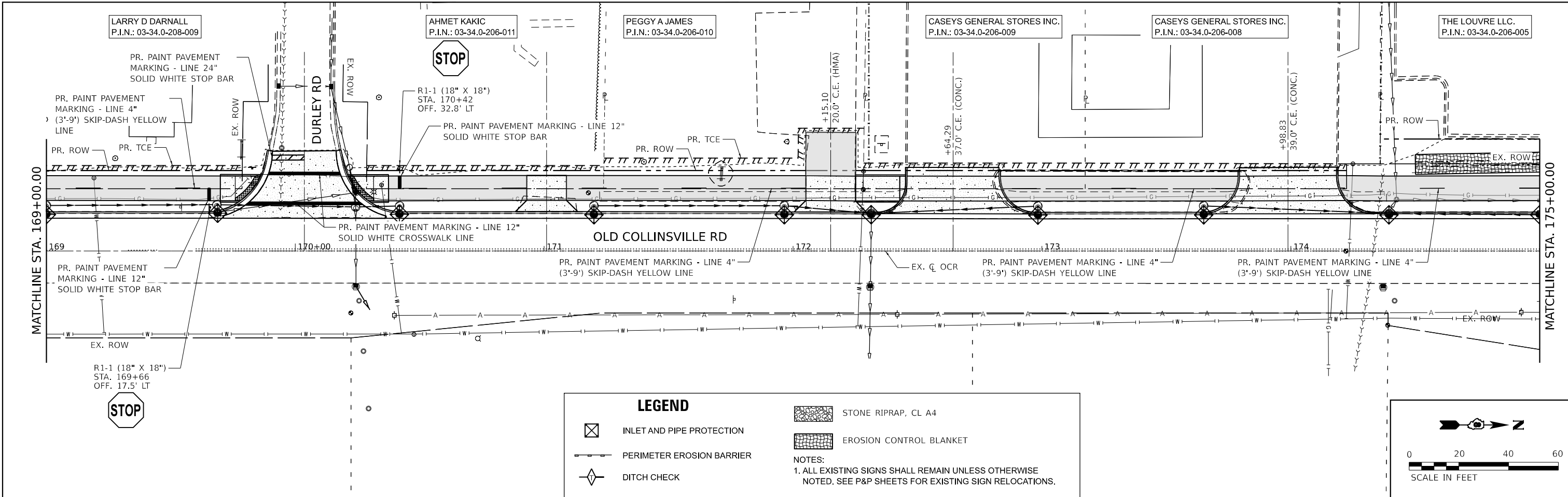
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

<b>EROSION CONTROL, PAVEMENT MARKING, AND SIGNAGE PLAN</b>			
SCALE: 1"=20'	SHEET 3	OF 5 SHEETS	STA. 157+00.00 TO STA. 169+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	32
CONTRACT NO.		





MODEL: EX OCR CL - Row Plan 4  
 FILE NAME: P:\2020\181804\1\Phase 4.dwg - DWG4.7 Tran\CADD Sheets\180411-181804-1-Erosion Control, Pavement Marking and Signage.dwg

**TWM, INC.**  
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 IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller
PLOT SCALE = 40.00000000' / in.
PLOT DATE = 3/19/2024

DESIGNED - KMO	REVISED -
DRAWN - BAB	REVISED -
CHECKED - JWS	REVISED -
DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

<b>EROSION CONTROL, PAVEMENT MARKING, AND SIGNAGE PLAN</b>			
SCALE: 1"=20'	SHEET 4	OF 5 SHEETS	STA. 169+00.0 TO STA. 181+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

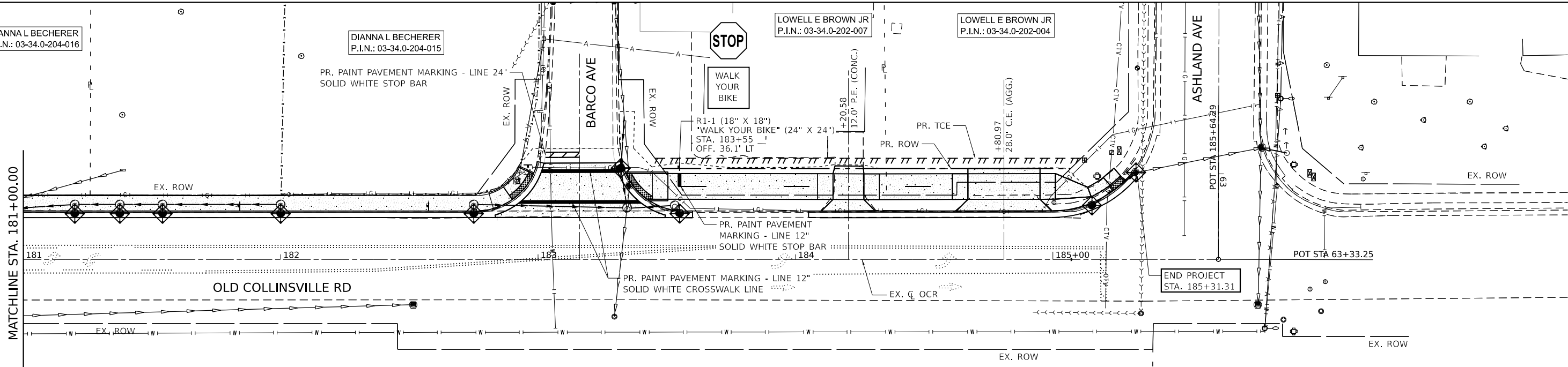
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	33
CONTRACT NO.		

DIANNA L BECHERER  
P.I.N.: 03-34.0-204-016




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P.I.N.: 03-34.0-204-015



LOWELL E BROWN JR  
P.I.N.: 03-34.0-202-007

LOWELL E BROWN JR  
P.I.N.: 03-34.0-202-004

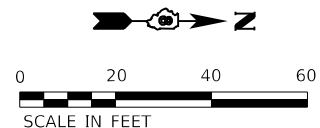


**LEGEND**

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  DITCH CHECK

-  STONE RIPRAP, CL A4
-  EROSION CONTROL BLANKET

NOTES:  
1. ALL EXISTING SIGNS SHALL REMAIN UNLESS OTHERWISE NOTED. SEE P&P SHEETS FOR EXISTING SIGN RELOCATIONS.



MODEL: EX OCR CL - Row Plan 5  
FILE NAME: P:\2018\180413\Phase 4.d CADD - DWG\4.7 Trim\CADD Sheets\180413-181-185\181-185-Erosion Control, Pavement Marking and Signage.dgn



USER NAME = kostermiller  
DESIGNED - KMO  
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CHECKED - JWS  
DATE - XX/XX/XXXX

REVISIED -  
REVISIED -  
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REVISIED -



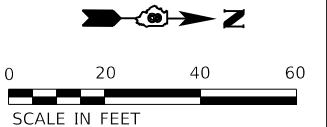
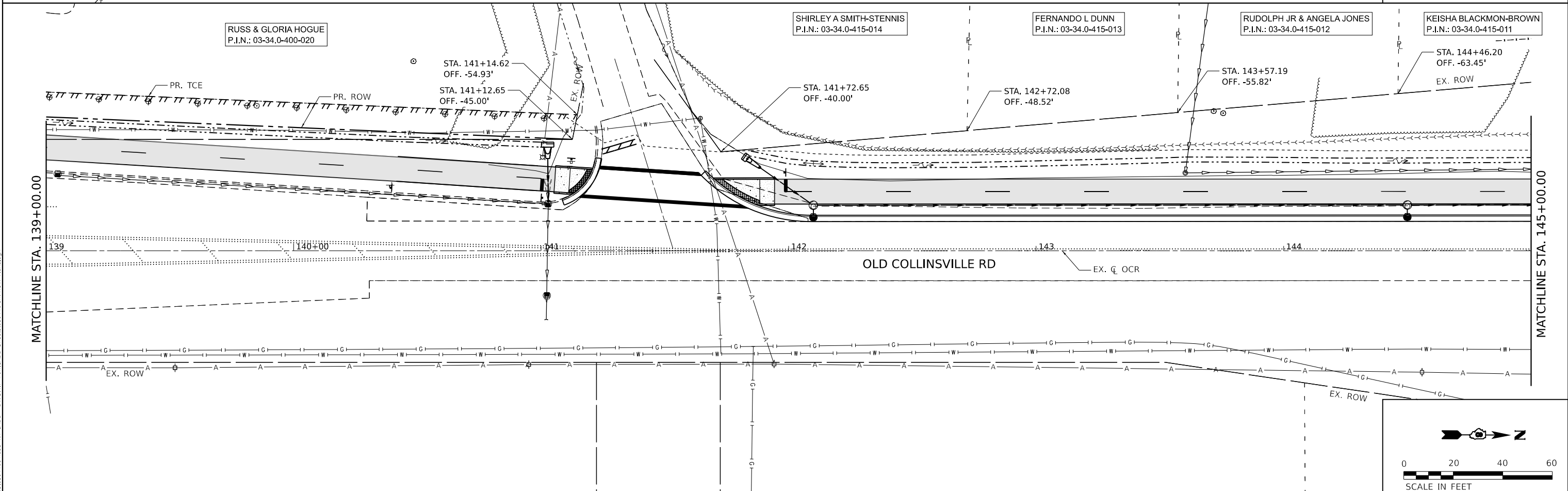
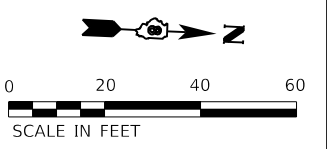
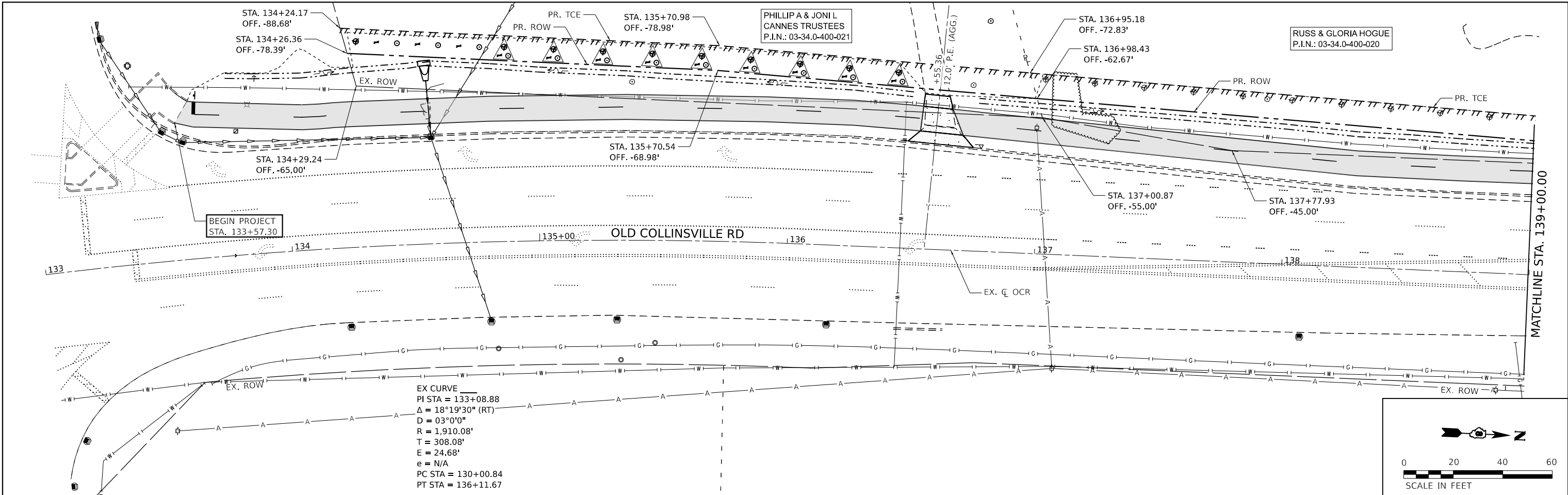
**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**EROSION CONTROL, PAVEMENT MARKING, AND SIGNAGE PLAN**

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. 181+00.00 TO STA. 185+31.31

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	34
CONTRACT NO.		



MODEL: EX. OCR CL - Row Plan 1  
 FILE NAME: P:\2021\1818041\Phase 4.dwg - DWG4.7.Tm\CADD Sheets\18041-1-1-ROW Plans.dwg



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 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 40,000,000.000 ' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -

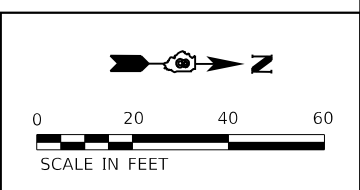
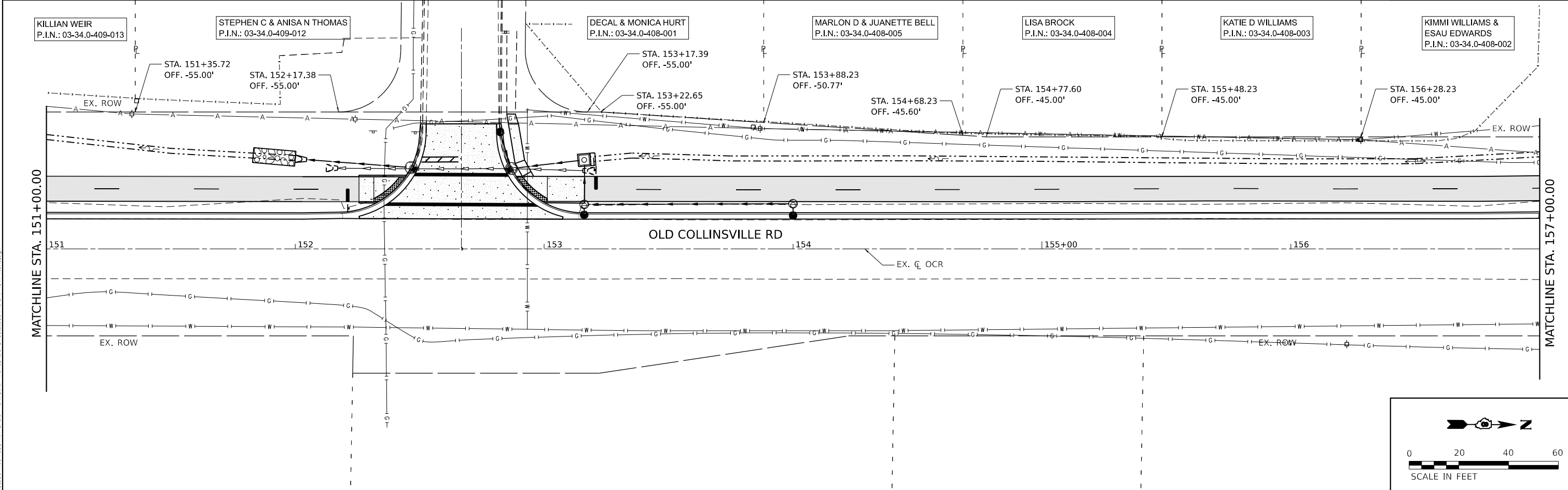
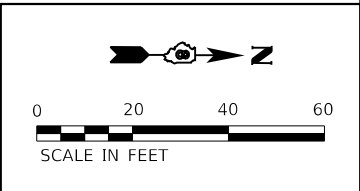
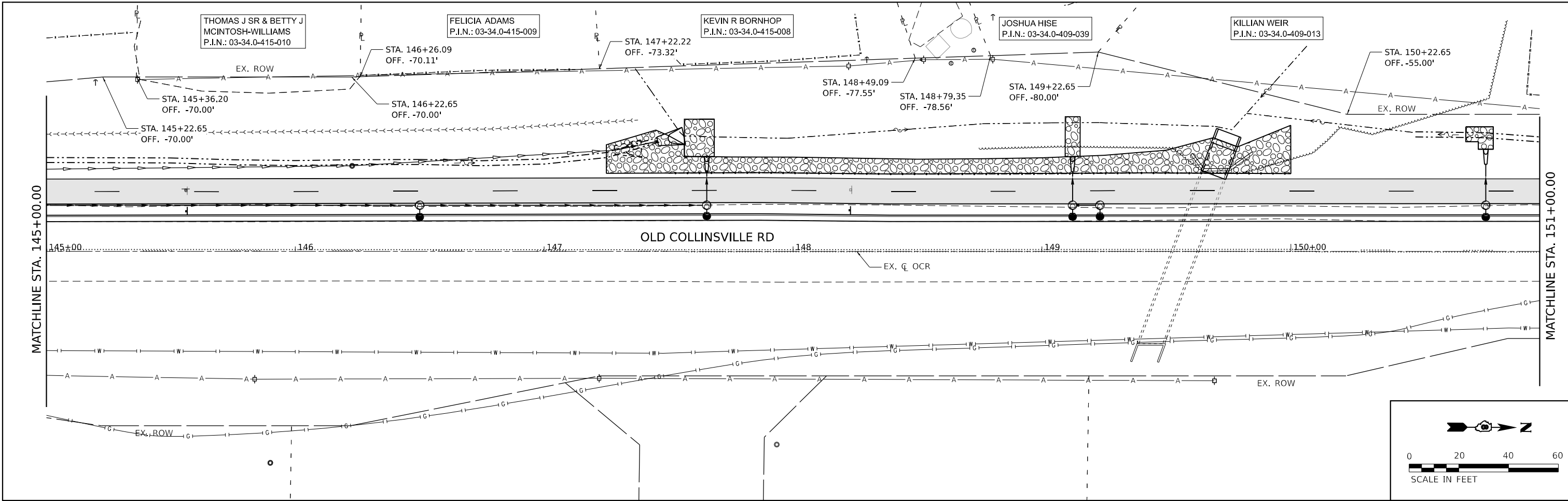


**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

<b>ROW PLAN</b>			
SCALE: 1"=20'	SHEET 1	OF 5 SHEETS	STA. 133+57.30 TO STA. 145+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	35
CONTRACT NO.		



MODEL: EX. OCR CL - Row Plan 2  
FILE NAME: P:\2018\18180413\Phase 4.dwg - DWG\4.7 Trim\CADD Sheets\180413-18180413-ROW Plans.dwg



USER NAME = kostermiller  
DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISOR -  
REVISION -  
REVISION -  
REVISION -

PLOT SCALE = 40,000,000.000 ' / in.  
PLOT DATE = 3/19/2024

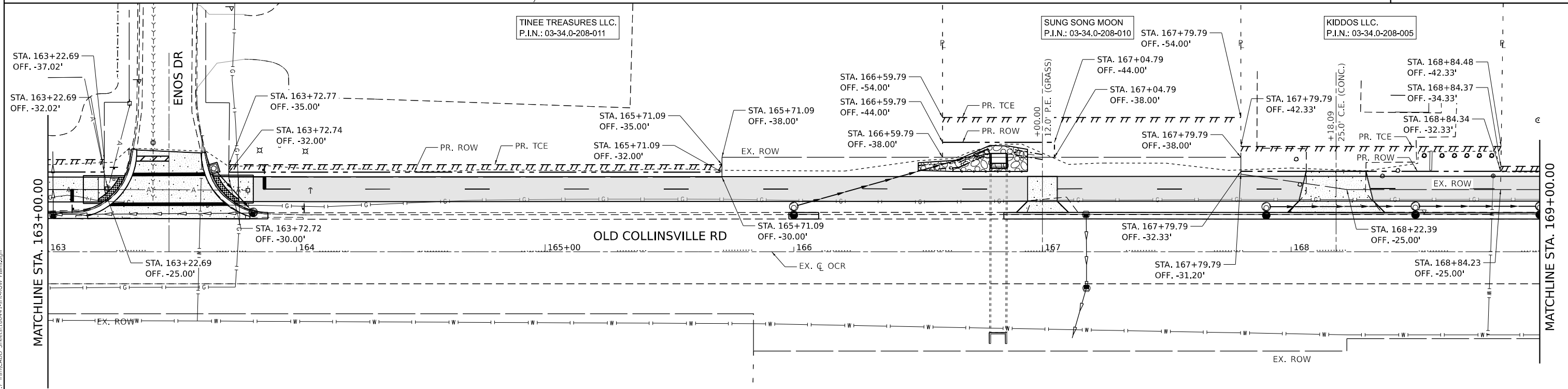
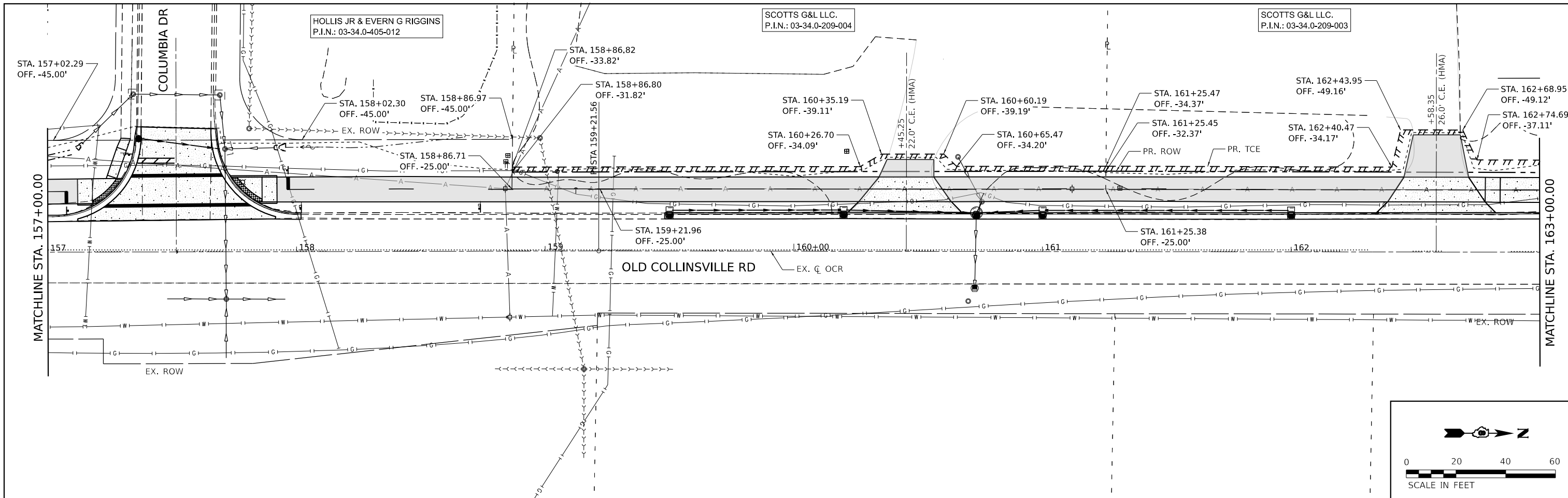


**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**ROW PLAN**  
SCALE: 1"=20'  
SHEET 2 OF 5 SHEETS  
STA. 145+00.00 TO STA. 157+00.00

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	36
CONTRACT NO.		



MODEL: EX. OCR CL - Row Plan 3  
 FILE NAME: P:\2020\18180413\Phase 4.dwg - CADD - DWG\4.7 Trim\CADD Sheets\180413-18180413-ROW Plans.dwg

**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller
PLOT SCALE = 40.00000000' / in.
PLOT DATE = 3/19/2024

DESIGNED - KMO	REVISED -
DRAWN - BAB	REVISED -
CHECKED - JWS	REVISED -
DATE - XX/XX/XXXX	REVISED -

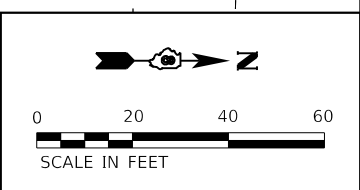
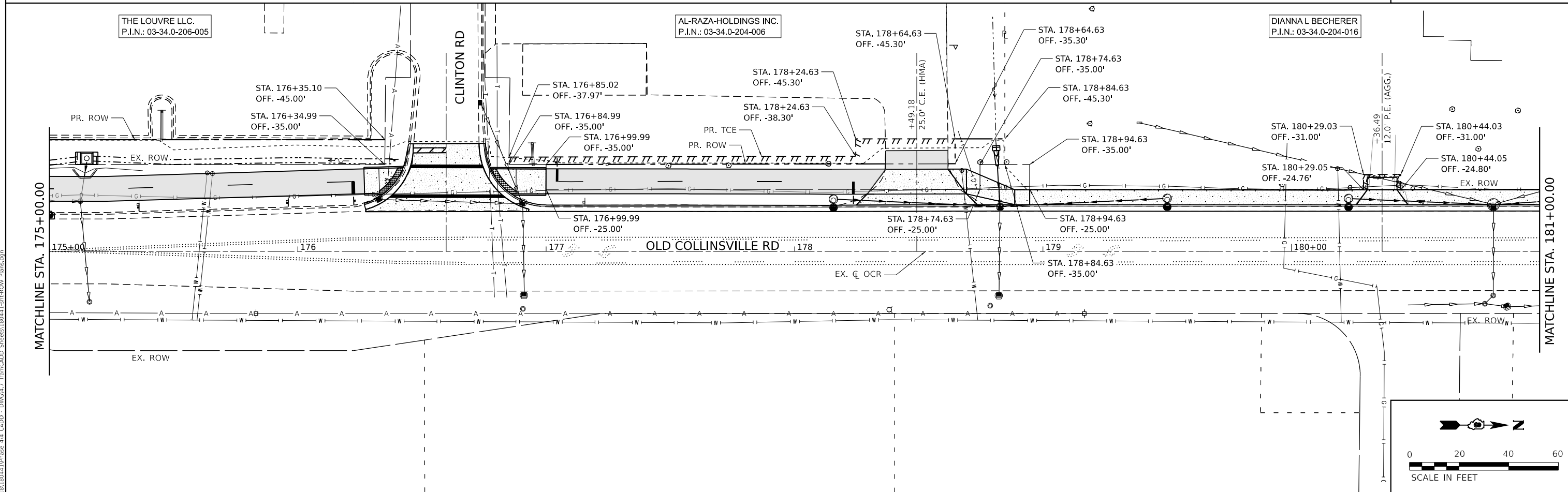
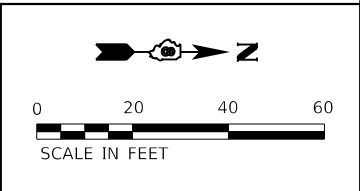
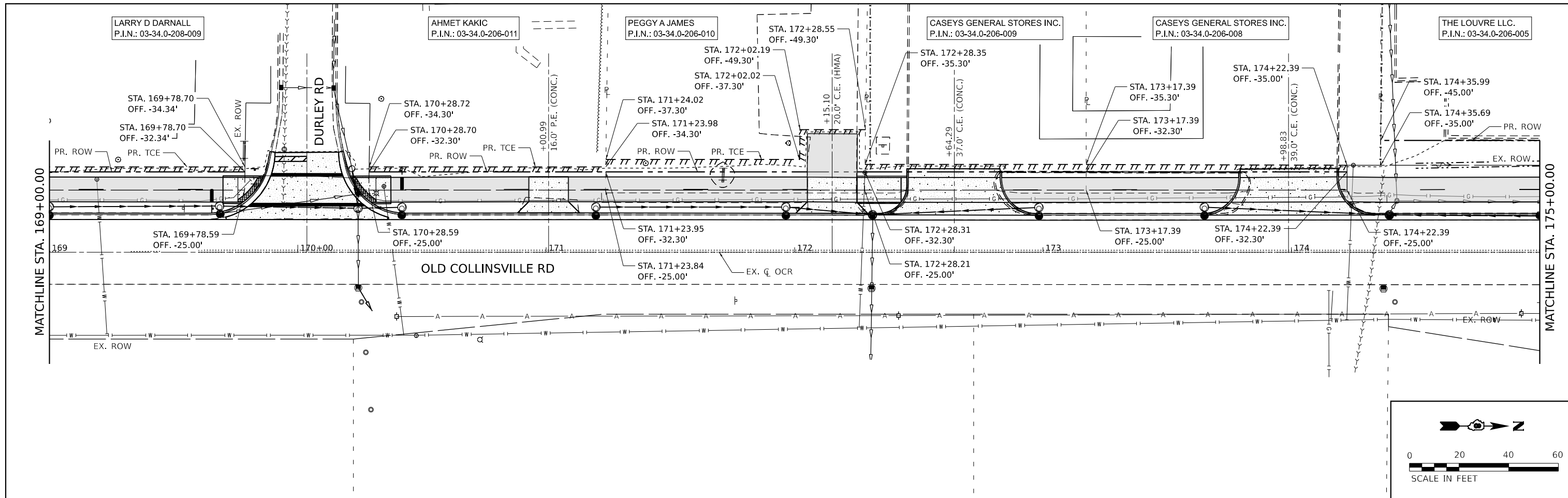


**ST. CLAIR COUNTY TRANSIT DISTRICT**

<b>ROW PLAN</b>			
SCALE: 1"=20'	SHEET 3	OF 5 SHEETS	STA. 157+00.00 TO STA. 169+00.00

**OLD COLLINSVILLE ROAD TRAIL PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	37
CONTRACT NO.		



MODEL: EX. OCR CL - Row Plan 4  
 FILE NAME: P:\2018\180413\Phase 4.dwg - DWG4.7 Tran\CADD Sheets\180413\181-ROW Plans.dwg



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 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220  
 USER NAME = kostermiller  
 PLOT SCALE = 40.00000000' / in.  
 PLOT DATE = 3/19/2024

DESIGNED - KMO	REVISED -
DRAWN - BAB	REVISED -
CHECKED - JWS	REVISED -
DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

SCALE: 1"=20'	SHEET 4 OF 5 SHEETS	STA. 169+00.00 TO STA. 181+00.00
---------------	---------------------	----------------------------------

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	38
CONTRACT NO.		

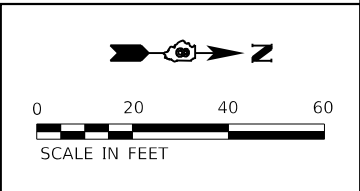
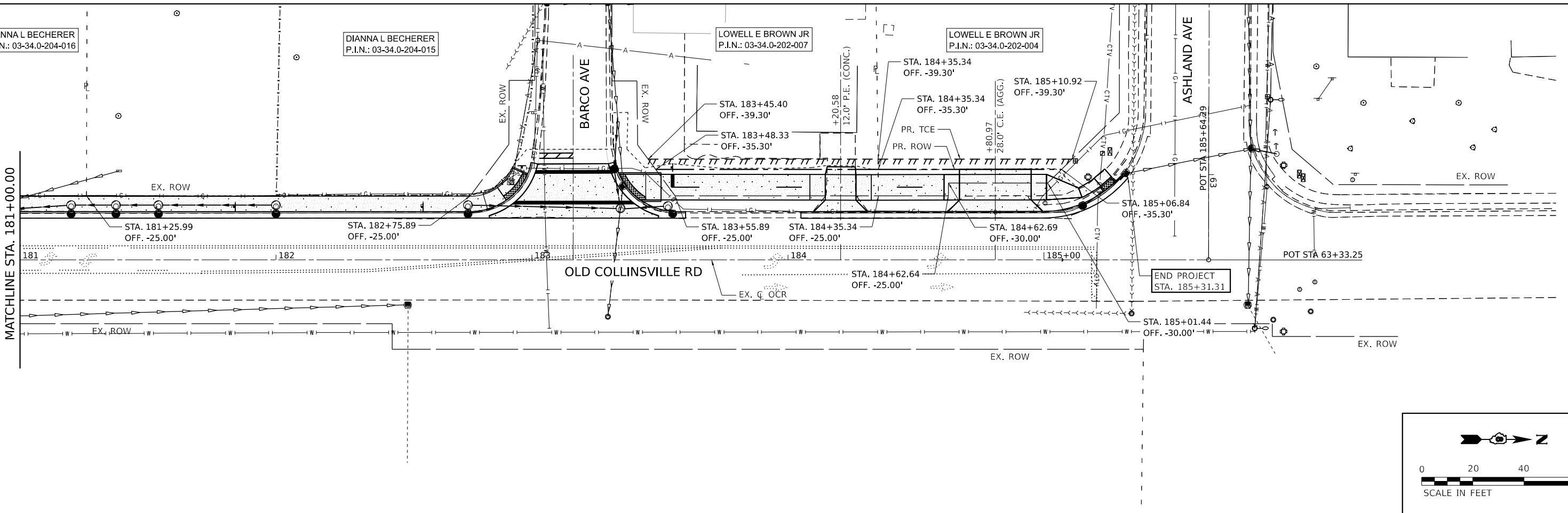
DIANNA L BECHERER  
P.I.N.: 03-34.0-204-016

DIANNA L BECHERER  
P.I.N.: 03-34.0-204-015

LOWELL E BROWN JR  
P.I.N.: 03-34.0-202-007

LOWELL E BROWN JR  
P.I.N.: 03-34.0-202-004

MATCHLINE STA. 181+00.00



MODEL: EX OCR CL - Row Plan 5  
FILE NAME: P:\2018\181804\1\Phase 4.d CADD - DWG\4.7 Trim\CADD Sheets\180441\sh-rdw-Plans.dgn

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GEOSPATIAL SERVICES

**TWM, INC.**  
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IL DESIGN FIRM  
LICENSE NO:  
184-001220

USER NAME = kostermiller
PLOT SCALE = 40.00000000' / 1 in.
PLOT DATE = 3/19/2024

DESIGNED - KMO	REVISED -
DRAWN - BAB	REVISED -
CHECKED - JWS	REVISED -
DATE - XX/XX/XXXX	REVISED -

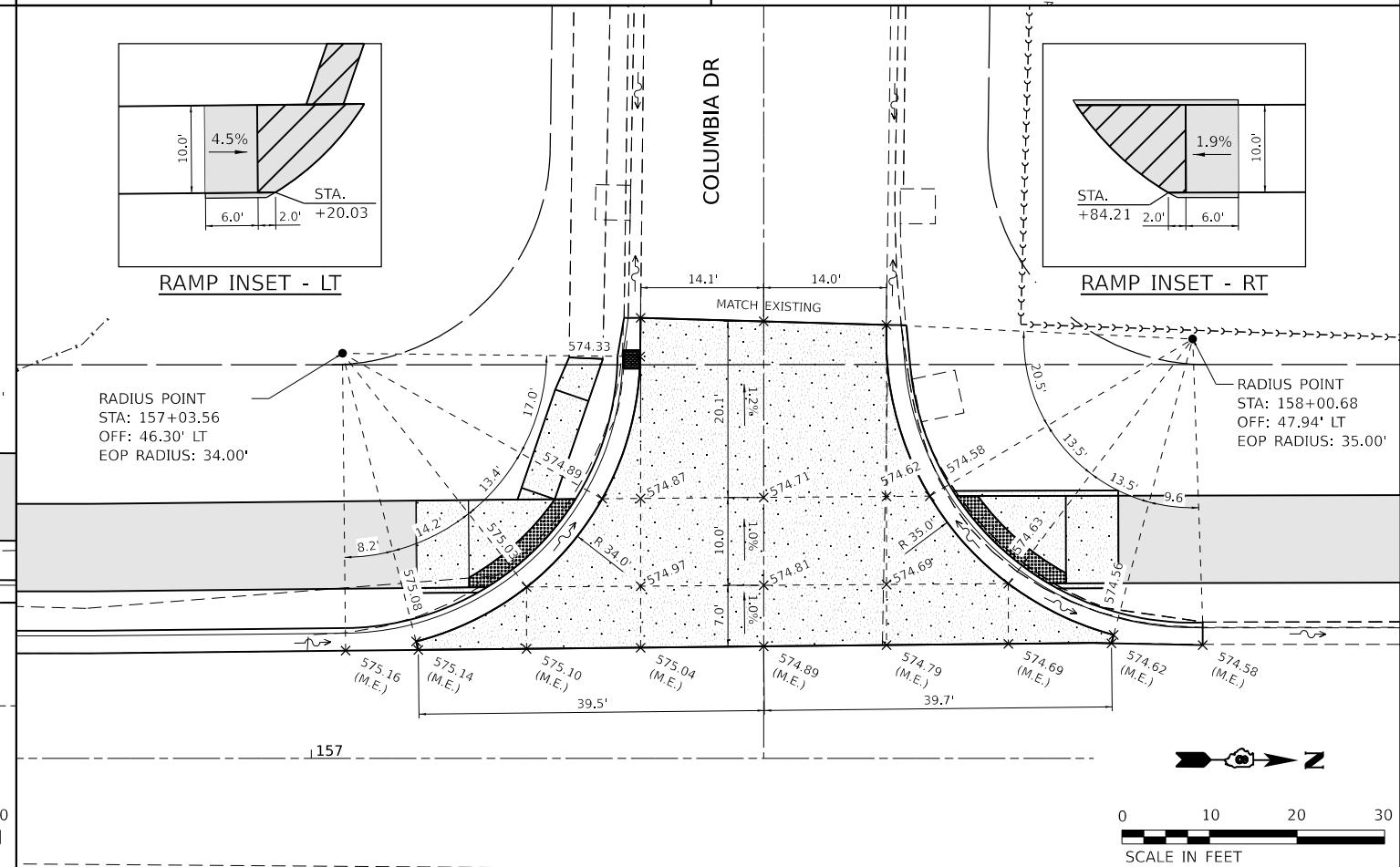
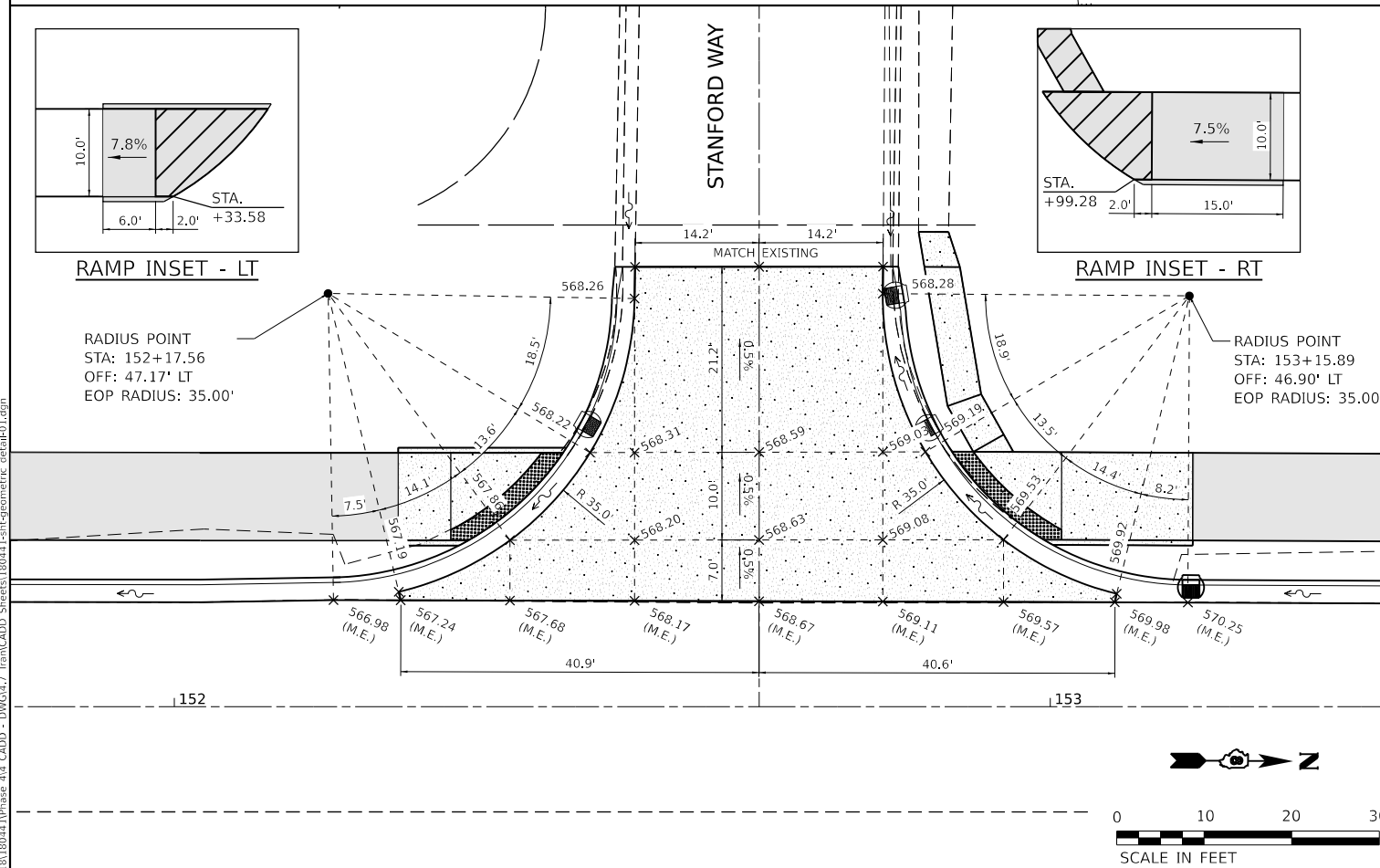
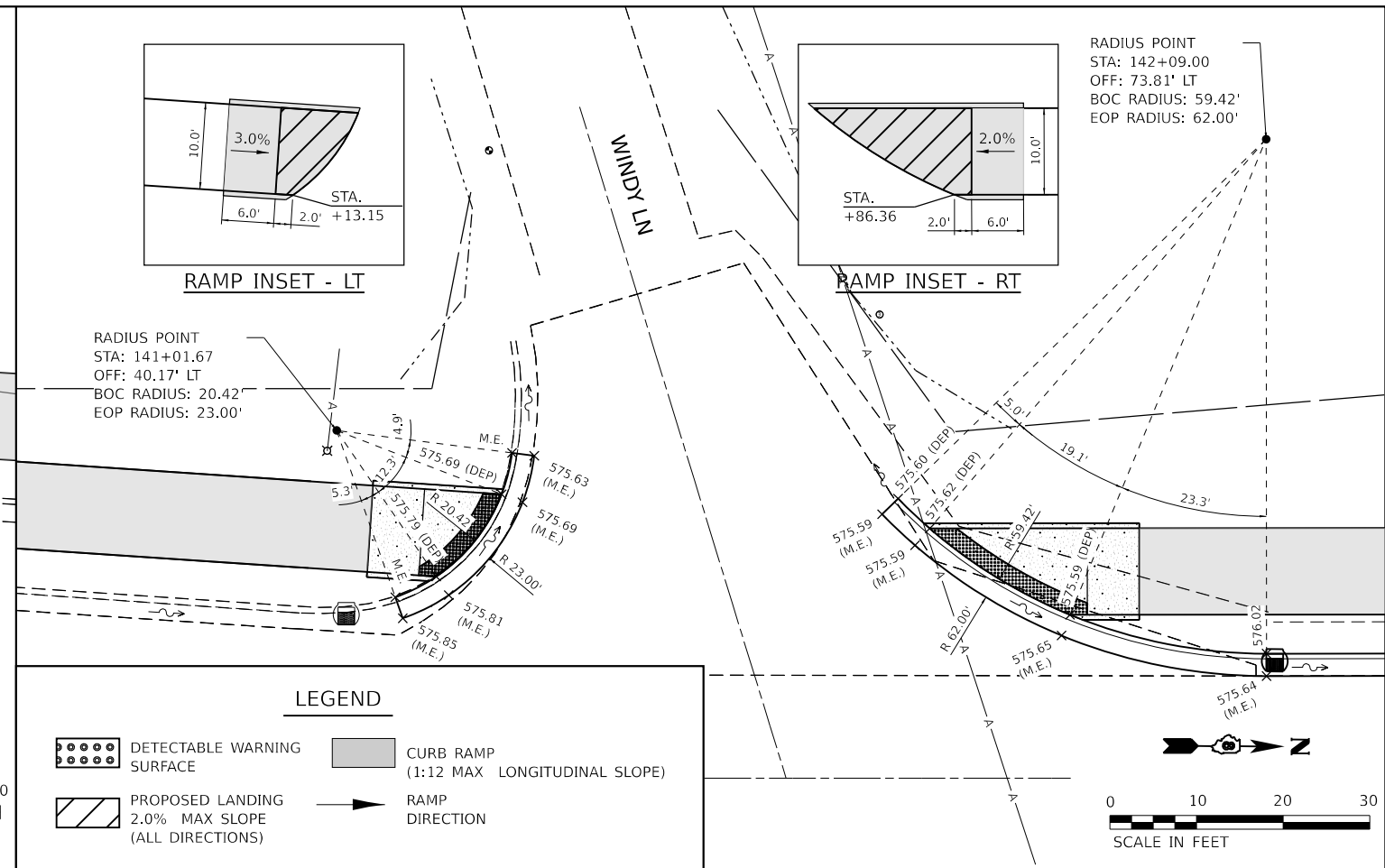
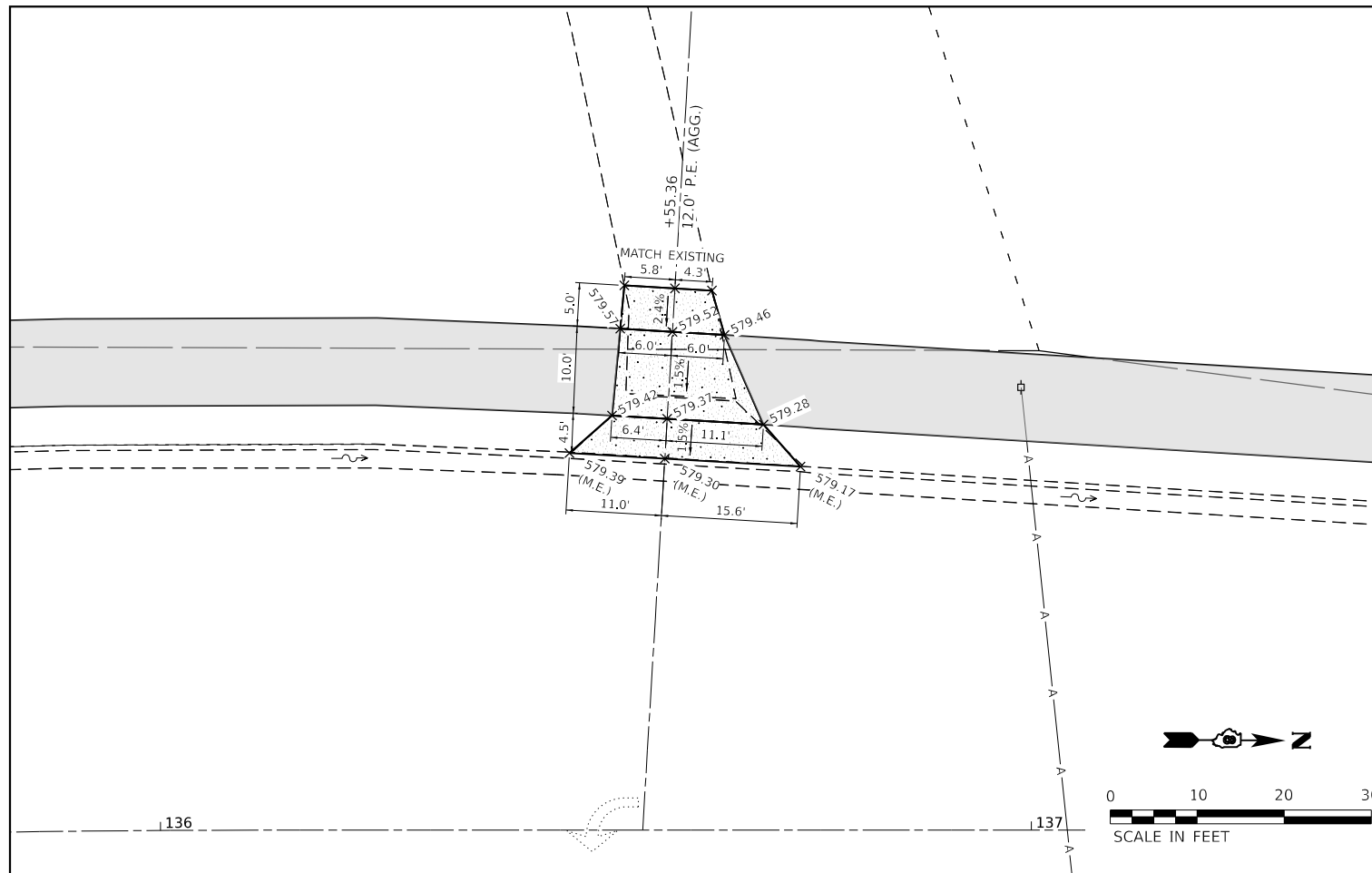


**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

<b>ROW PLAN</b>			
SCALE: 1"=20'	SHEET 5	OF 5 SHEETS	STA. 181+00.00 TO STA. 185+31.31

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	39
CONTRACT NO.		



**TWM**  
ENGINEERING  
GEOSPATIAL SERVICES

**TWM, INC.**  
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IL DESIGN FIRM  
LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 240,0000' / ft.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



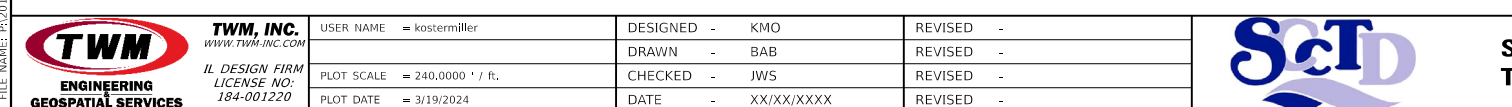
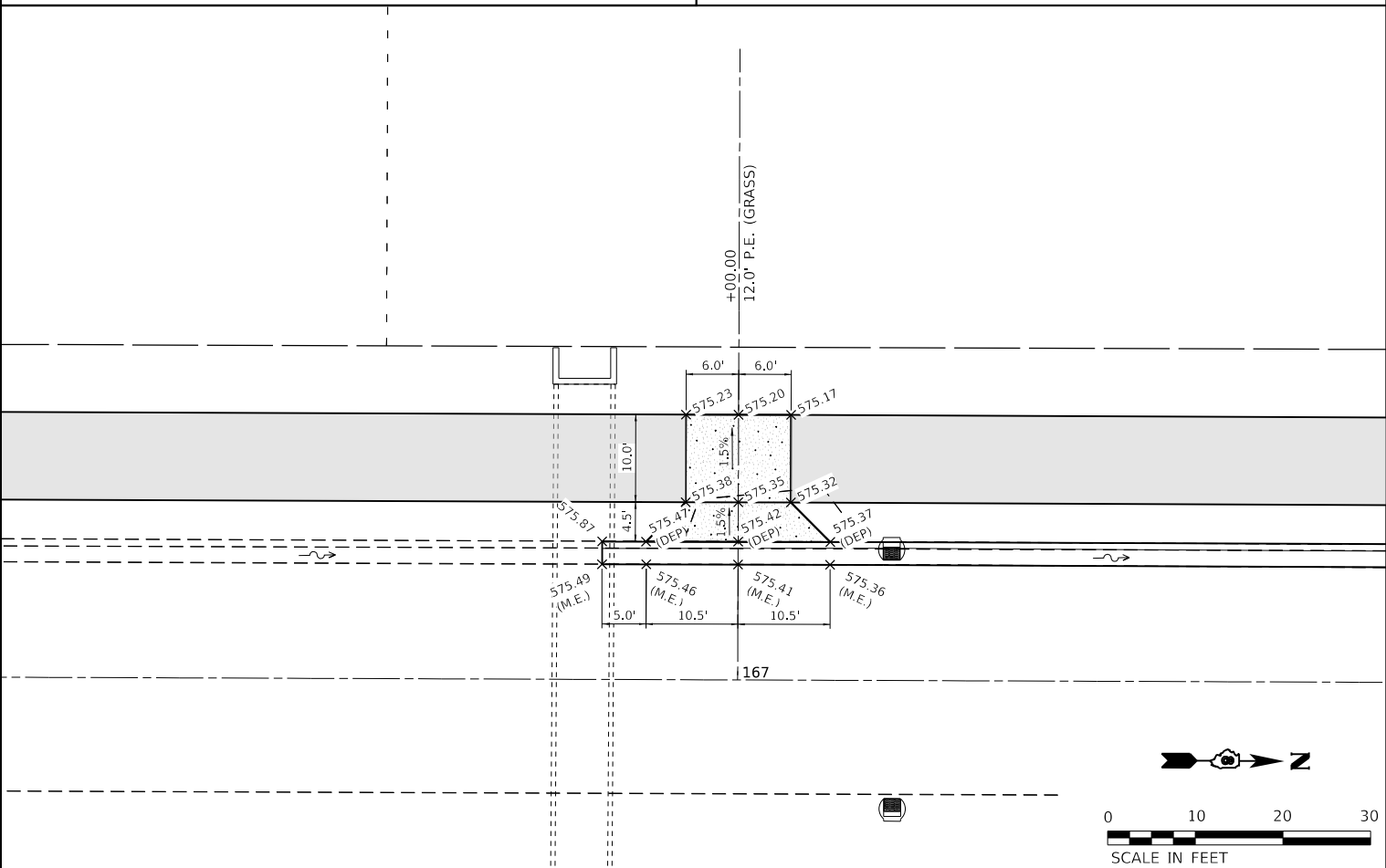
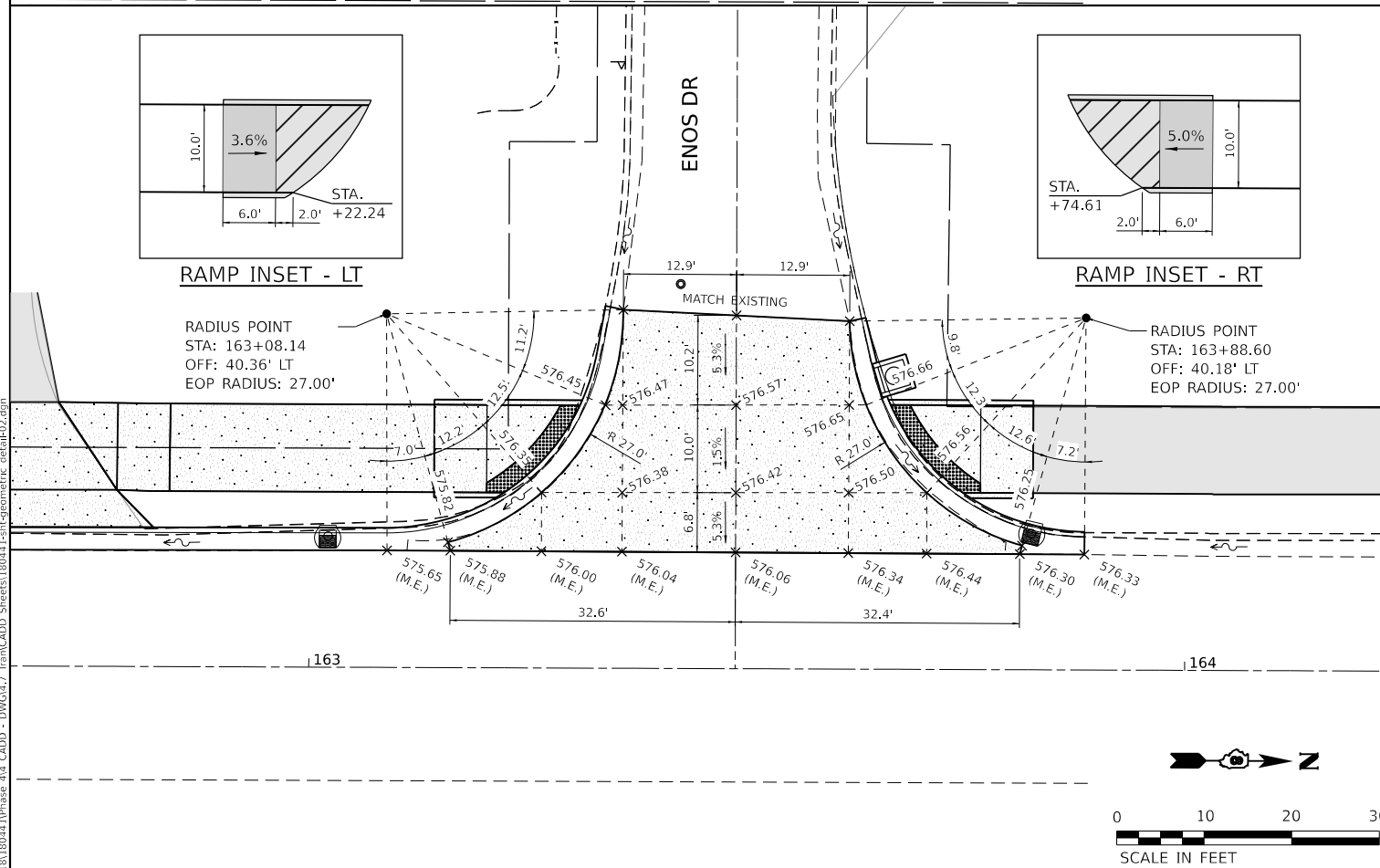
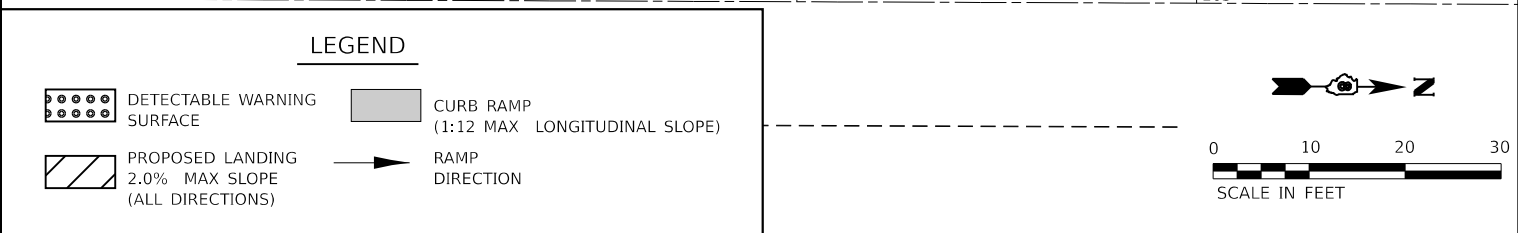
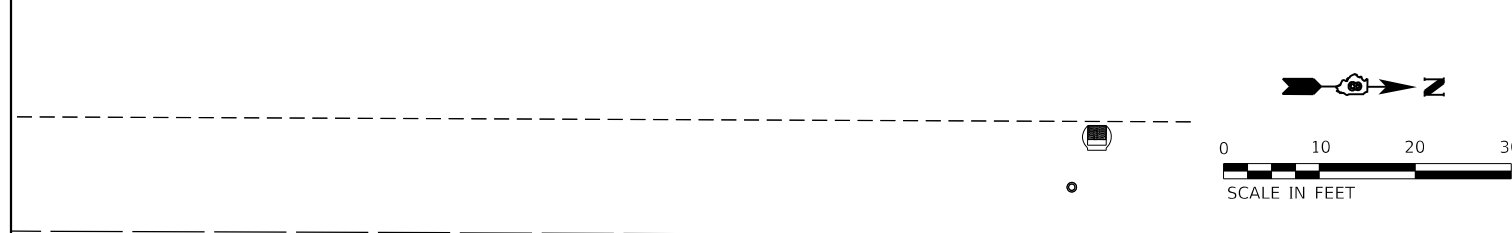
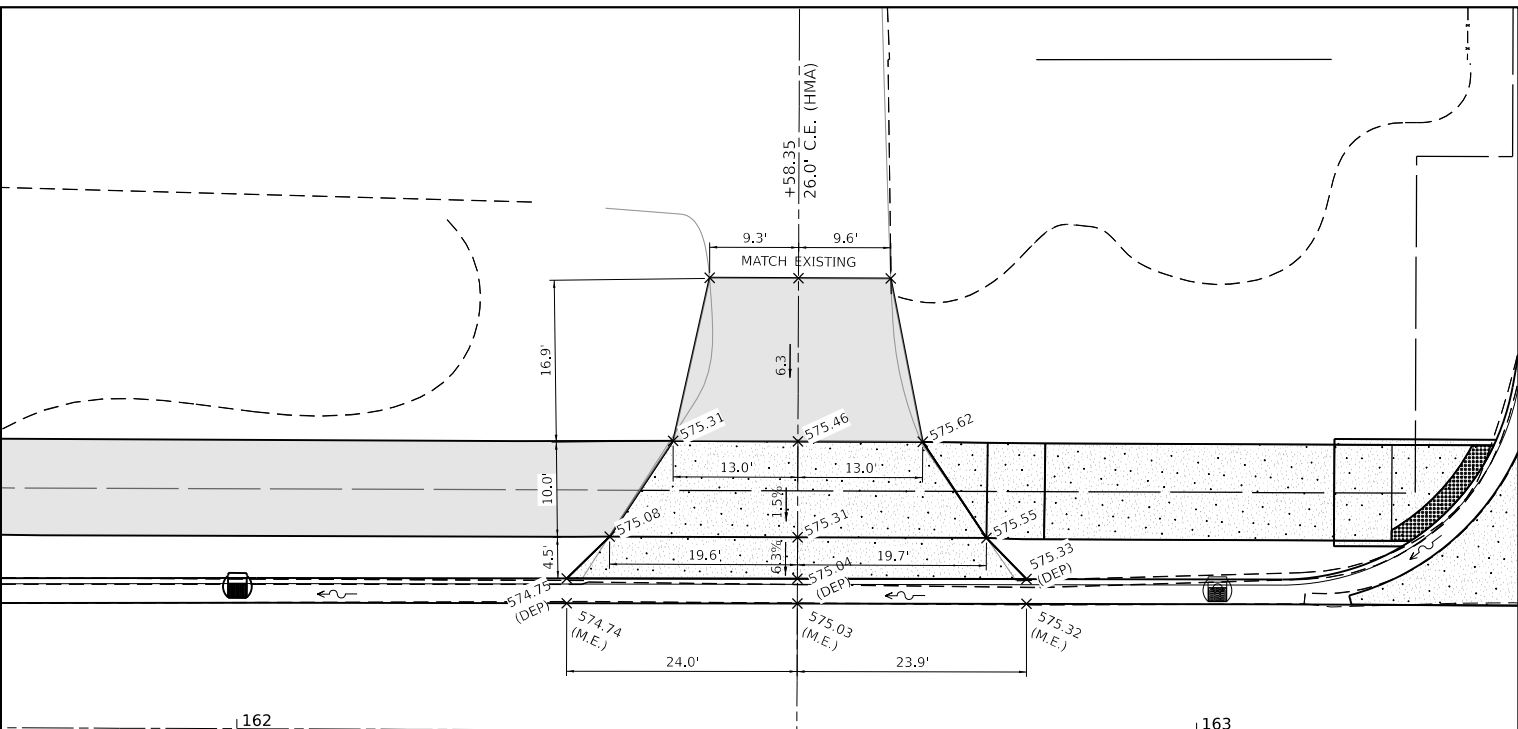
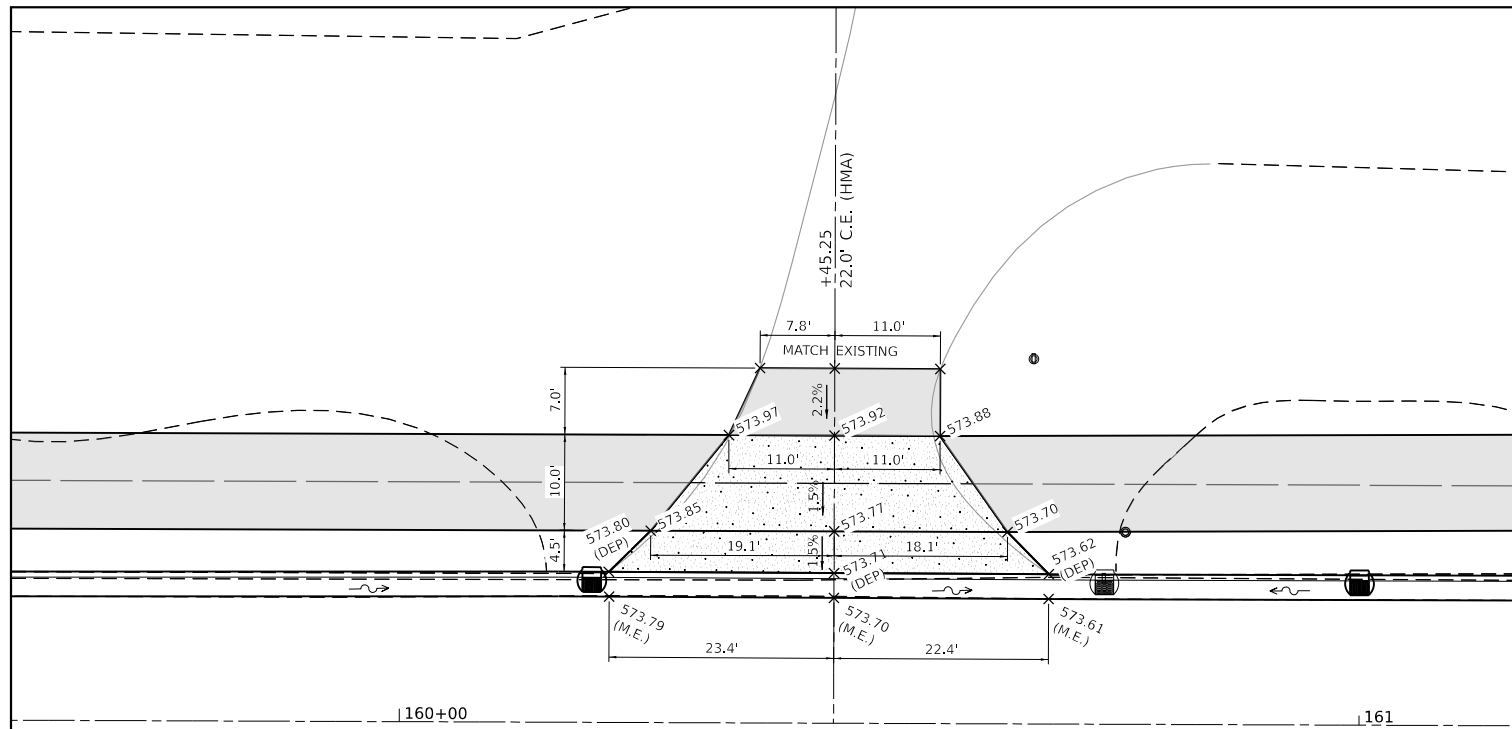
**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

<b>GEOMETRIC DETAILS</b>	
SCALE: 1"=10'	SHEET 1 OF 5 SHEETS
STA.	TO STA.

<b>OLD COLLINSVILLE ROAD TRAIL PHASE 4</b>	COUNTY	TOTAL SHEETS	SHEET NO.
	ST. CLAIR	77	40
	CONTRACT NO.		

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MODEL: Default; FILE NAME: P:\2024\1818044\Phase 4.dwg; CADD - DWG\4.7\_Trim\CADD Sheets\180441.dwg; geometric detail.dwg

**TWM**  
ENGINEERING  
GEOSPATIAL SERVICES

**TWM, INC.**  
www.twm-inc.com  
IL DESIGN FIRM  
LICENSE NO: 184-001220

USER NAME = kostermiller  
PLOT SCALE = 240,0000' / ft.  
PLOT DATE = 3/19/2024

DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISED -  
REVISED -  
REVISED -  
REVISED -



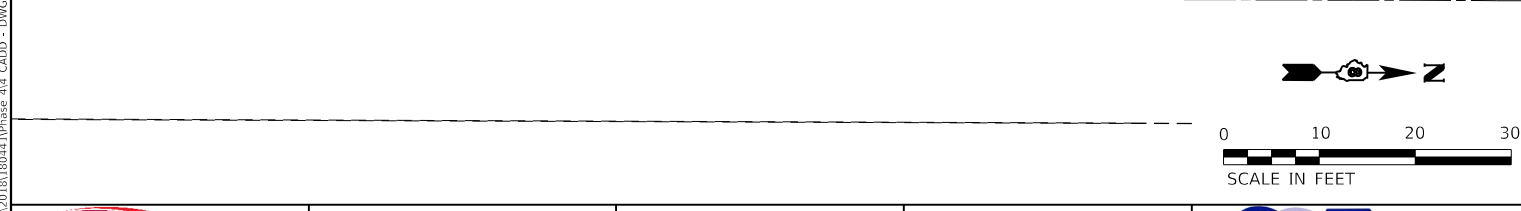
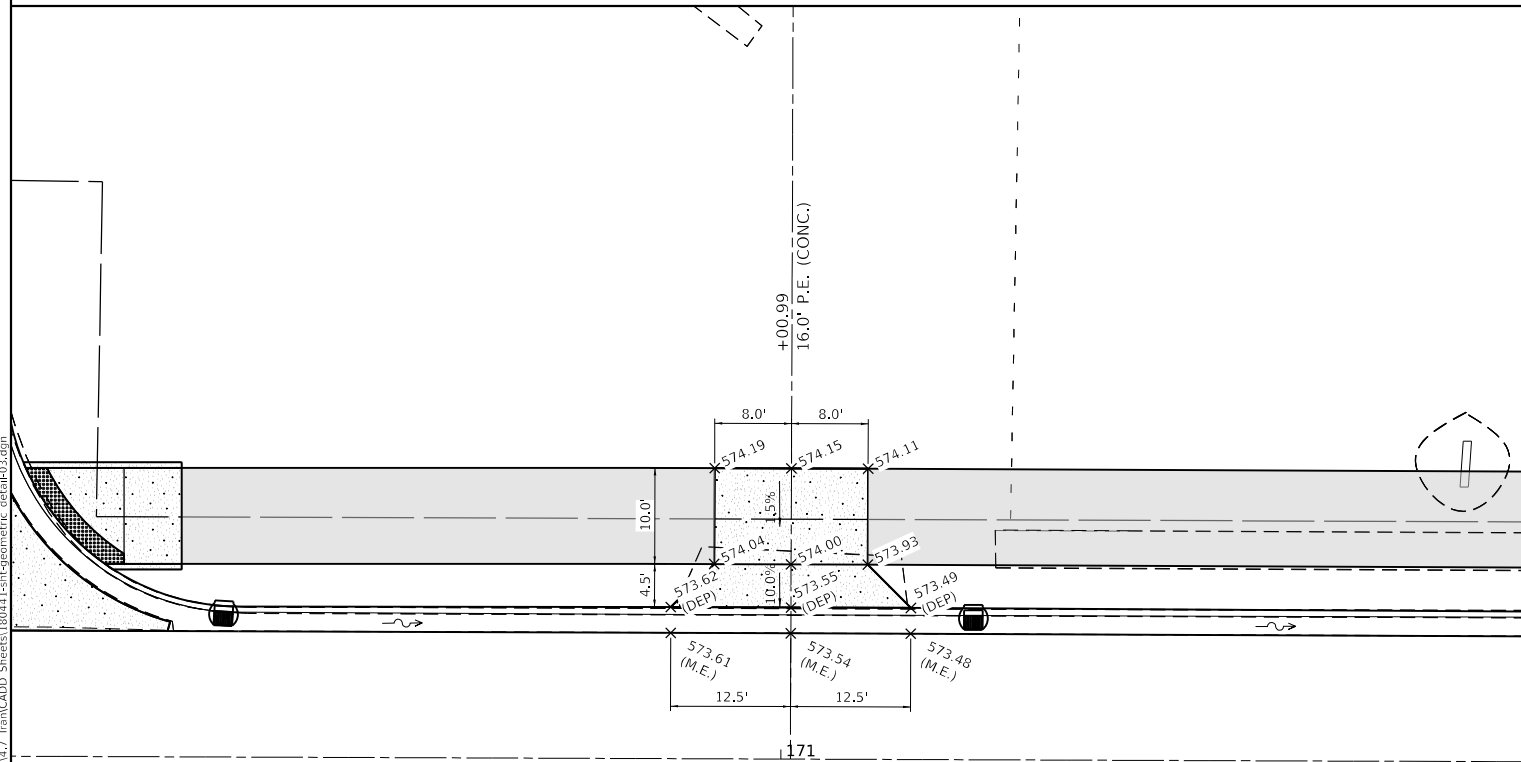
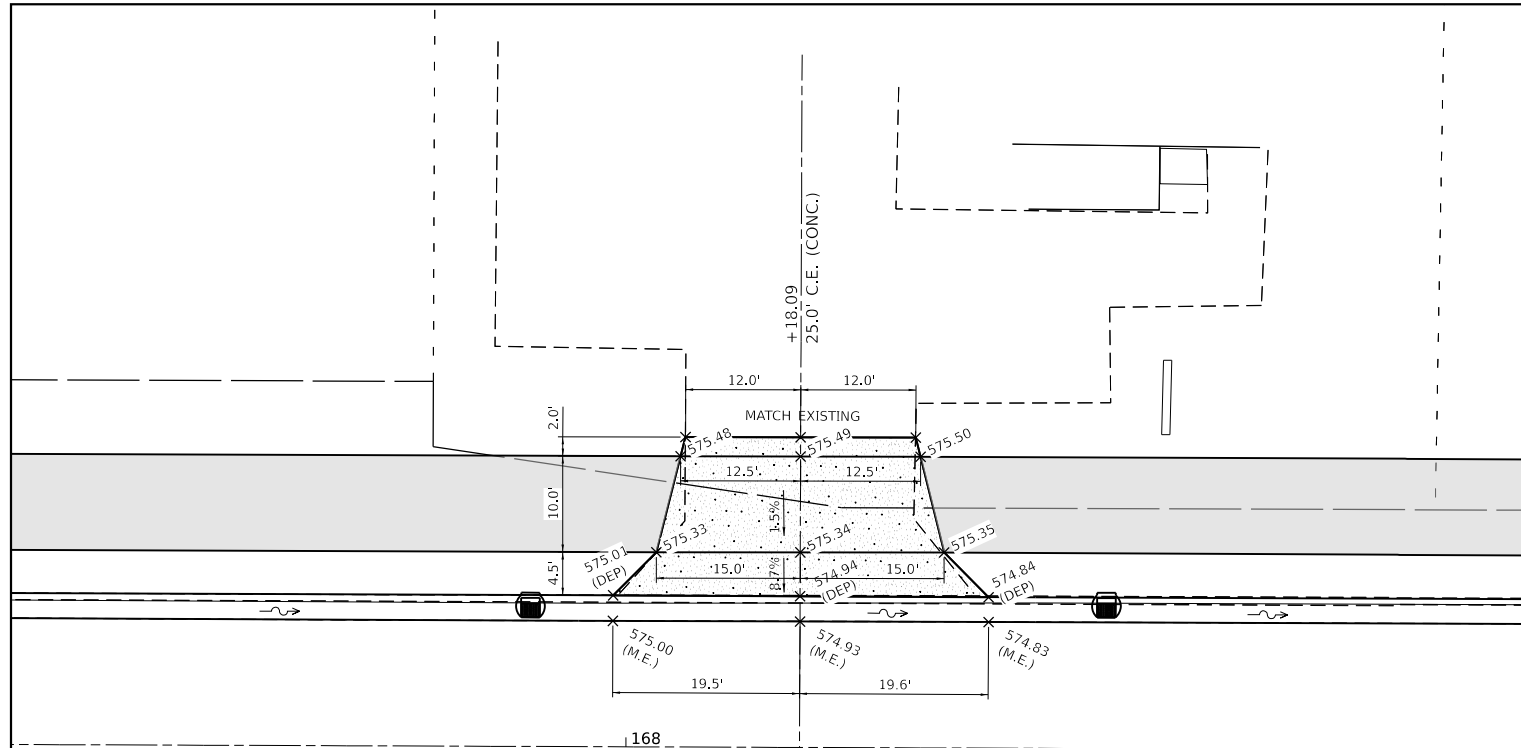
**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**GEOMETRIC DETAILS**

SCALE: 1"=10'  
SHEET 2 OF 5 SHEETS  
STA. TO STA.

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	41
CONTRACT NO.		



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**TWM**  
 ENGINEERING  
 GEOSPATIAL SERVICES

**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO:  
 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 240,000' / ft.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -

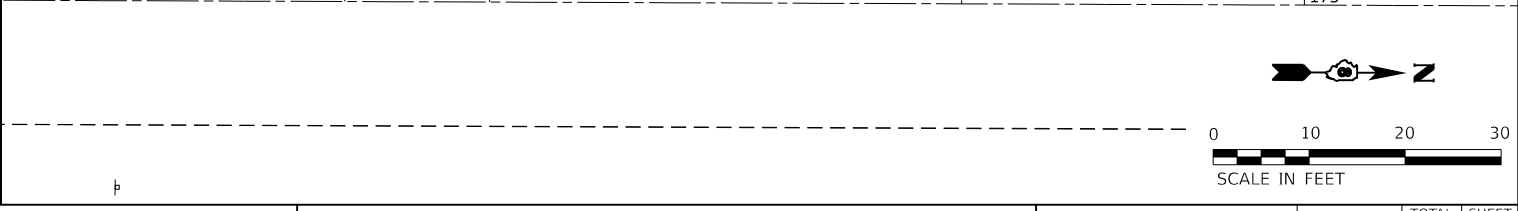
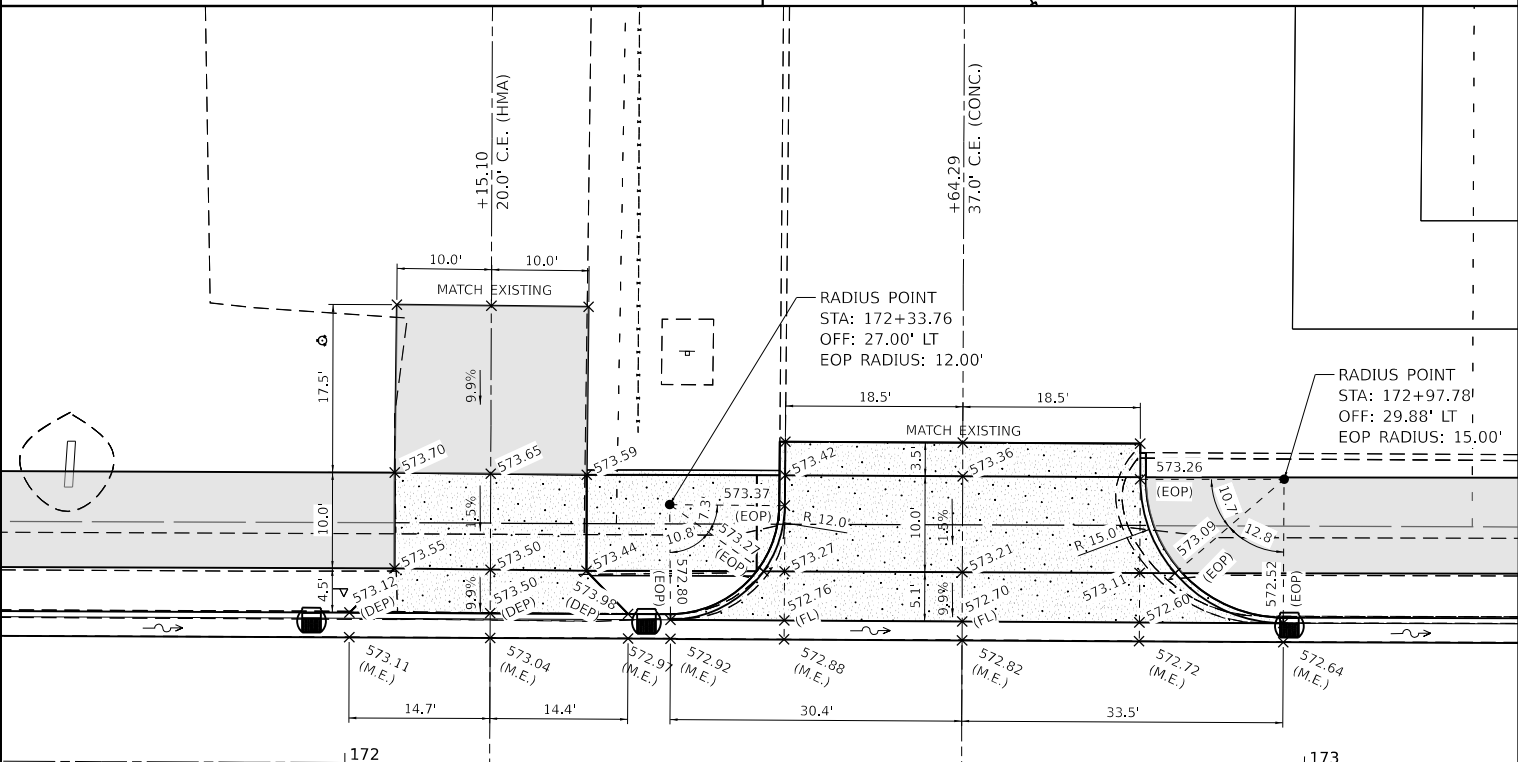
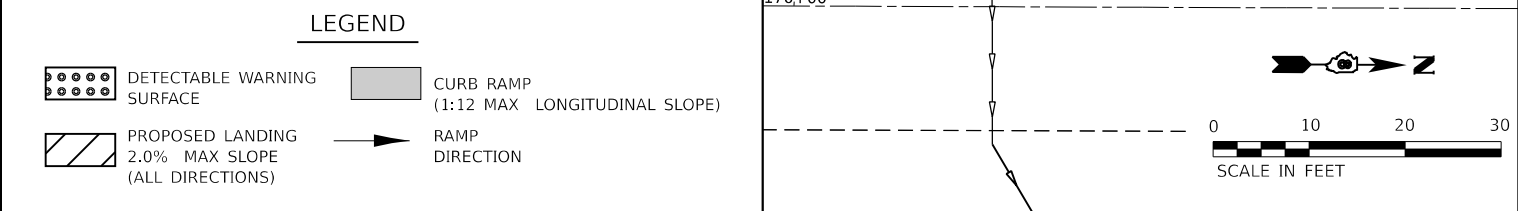
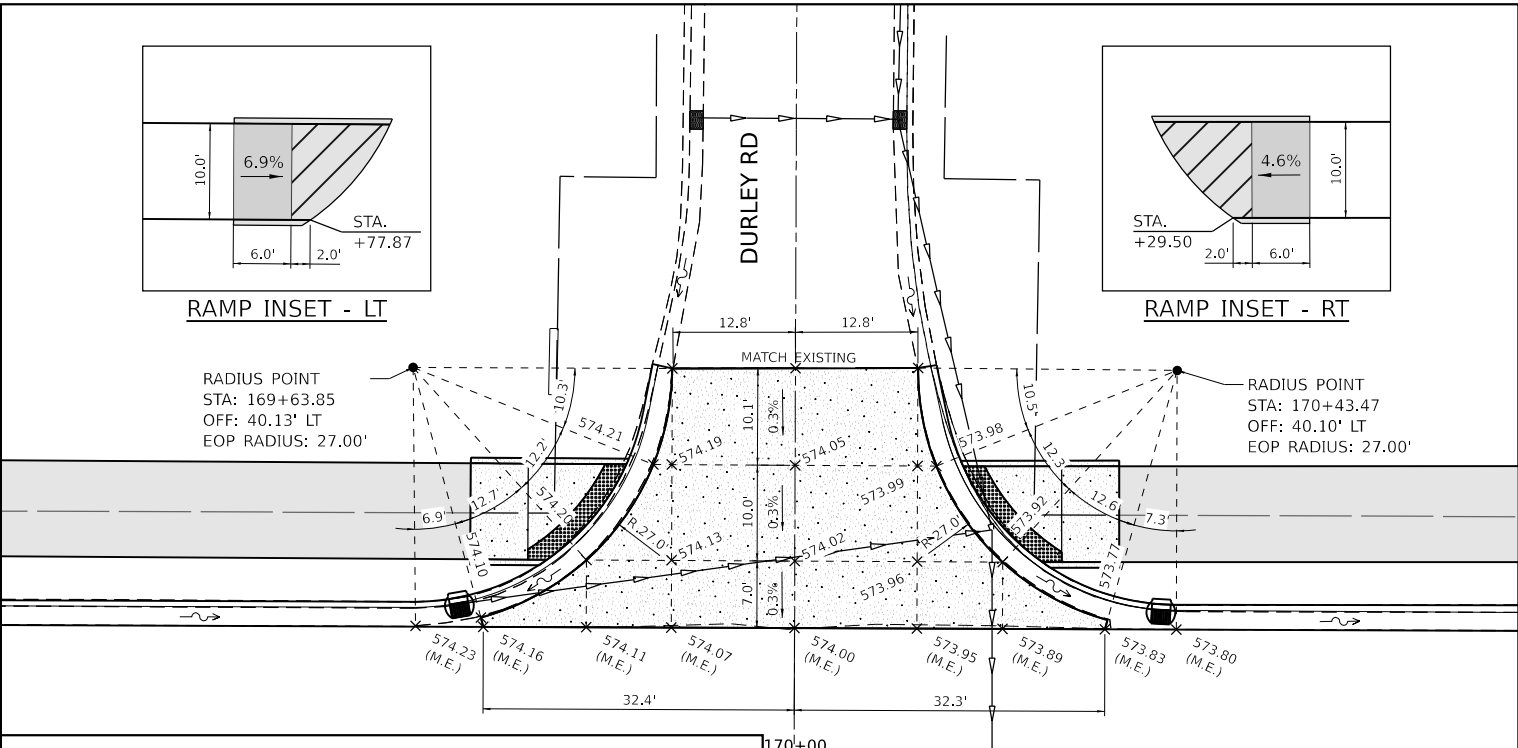


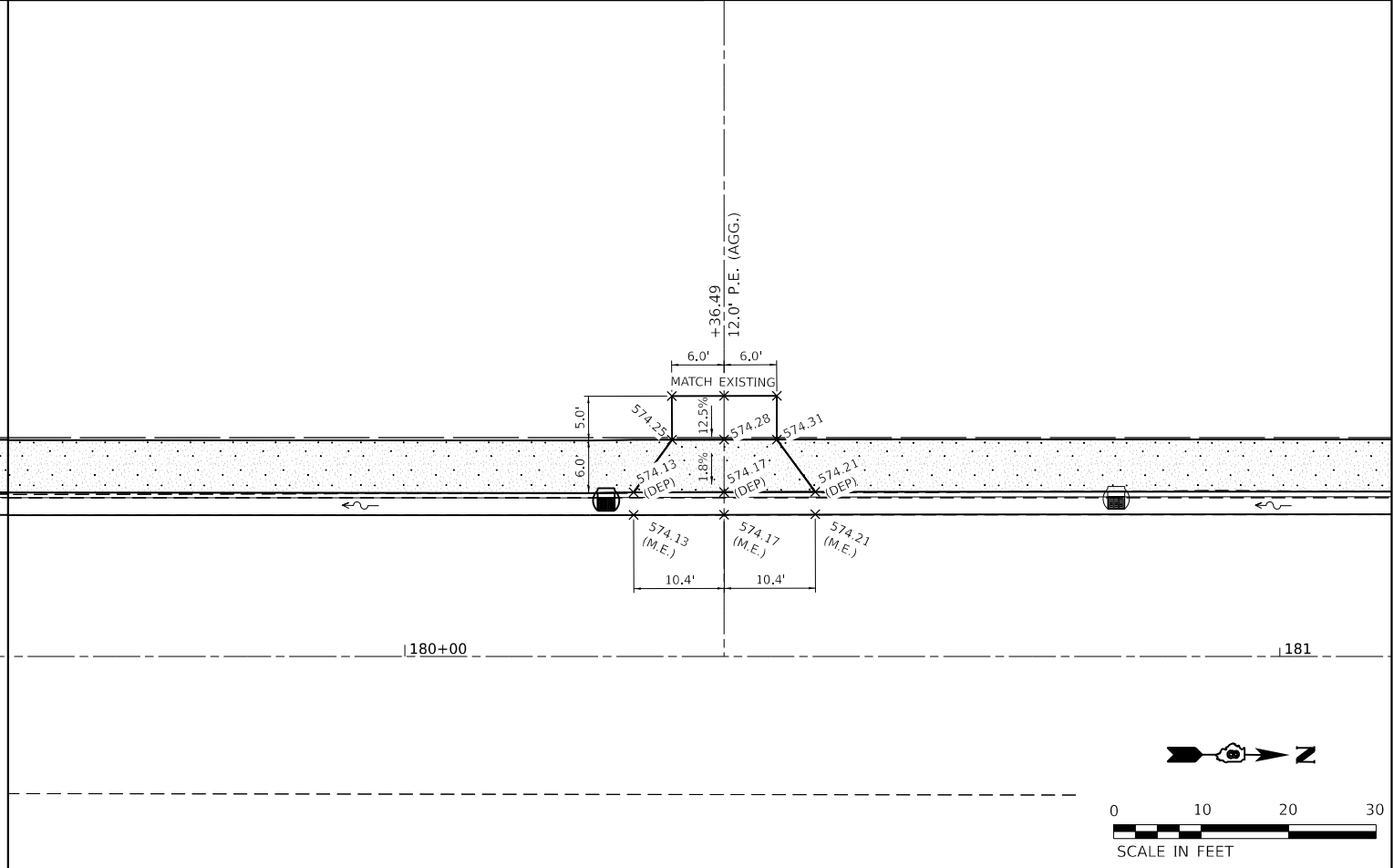
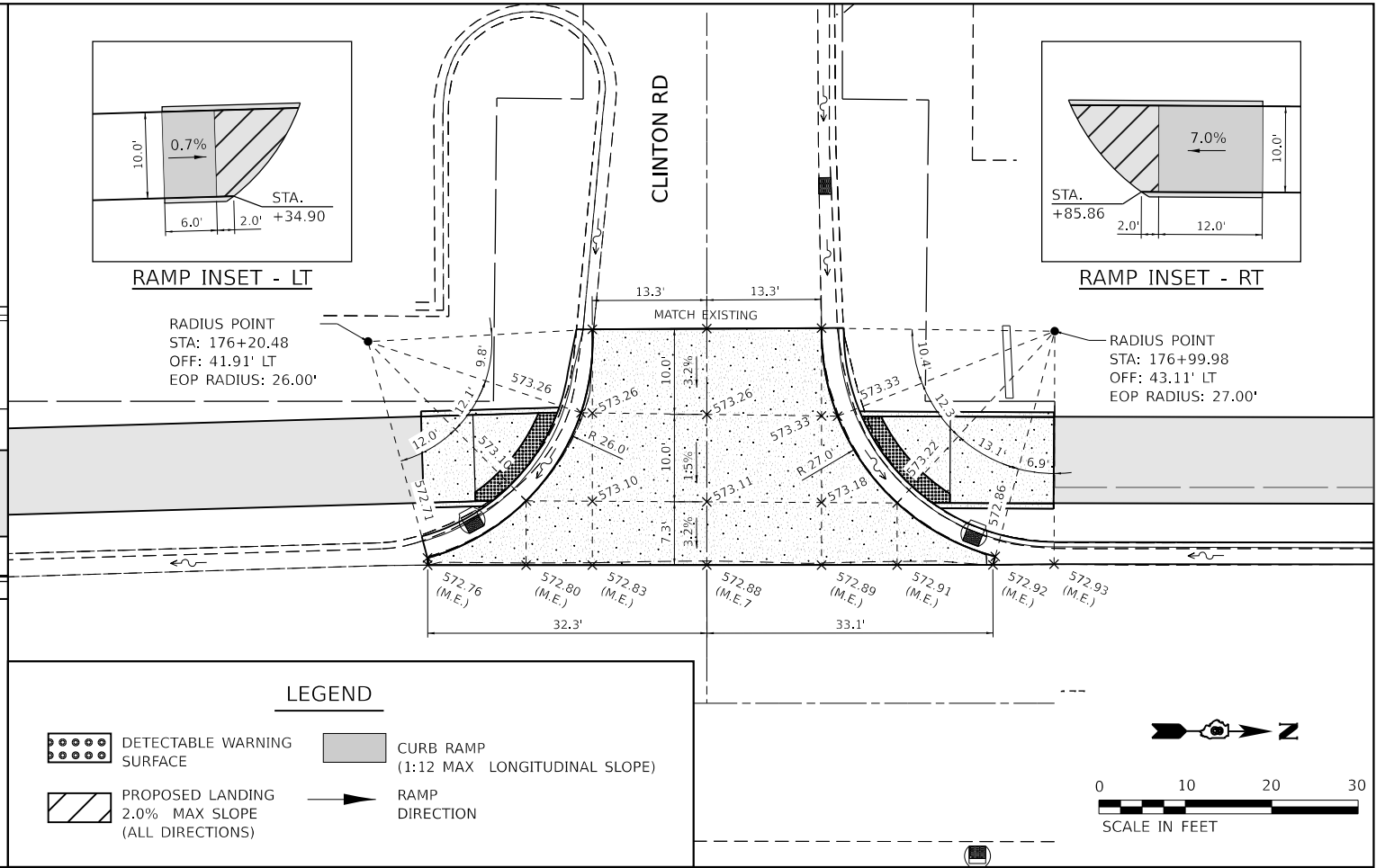
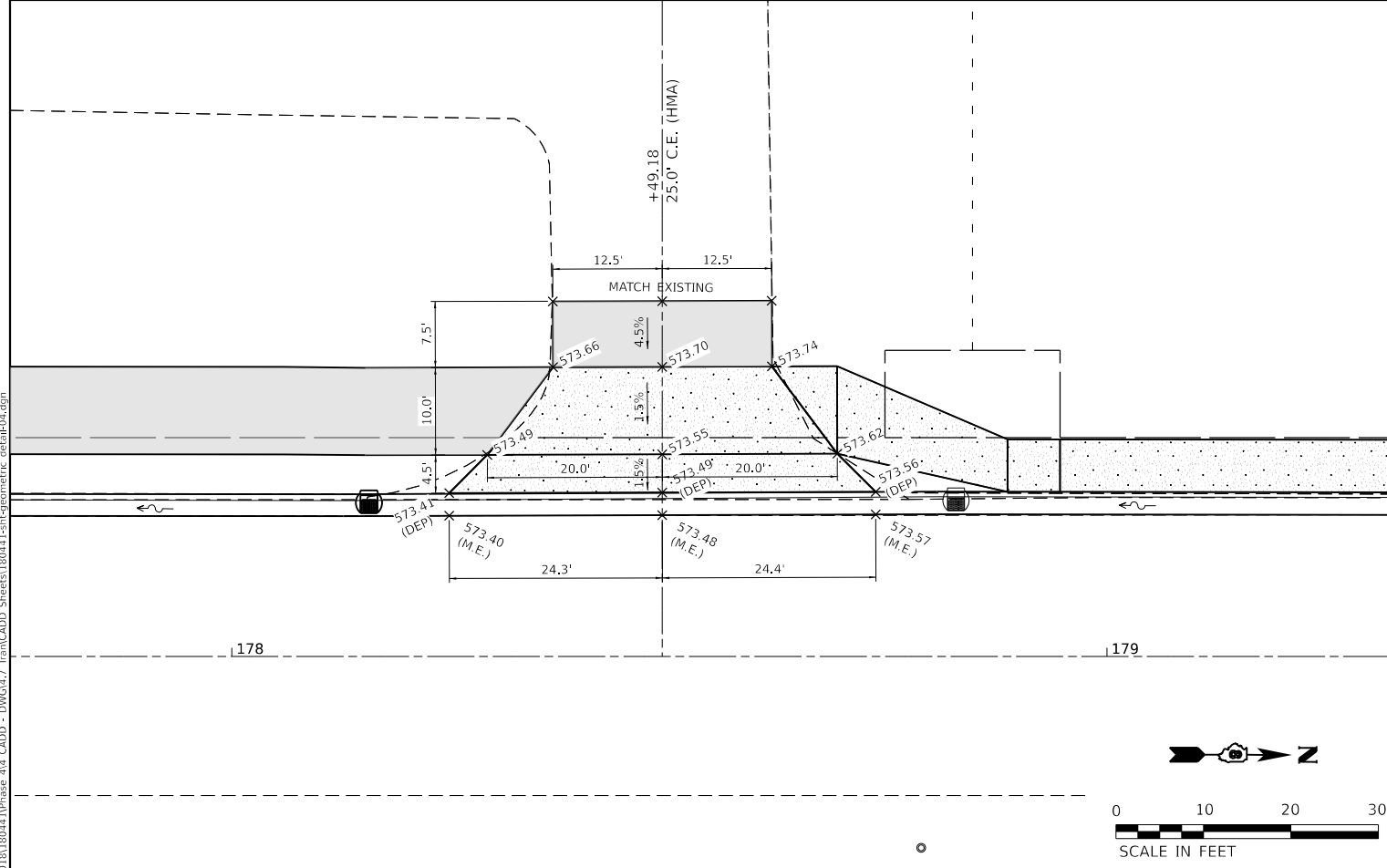
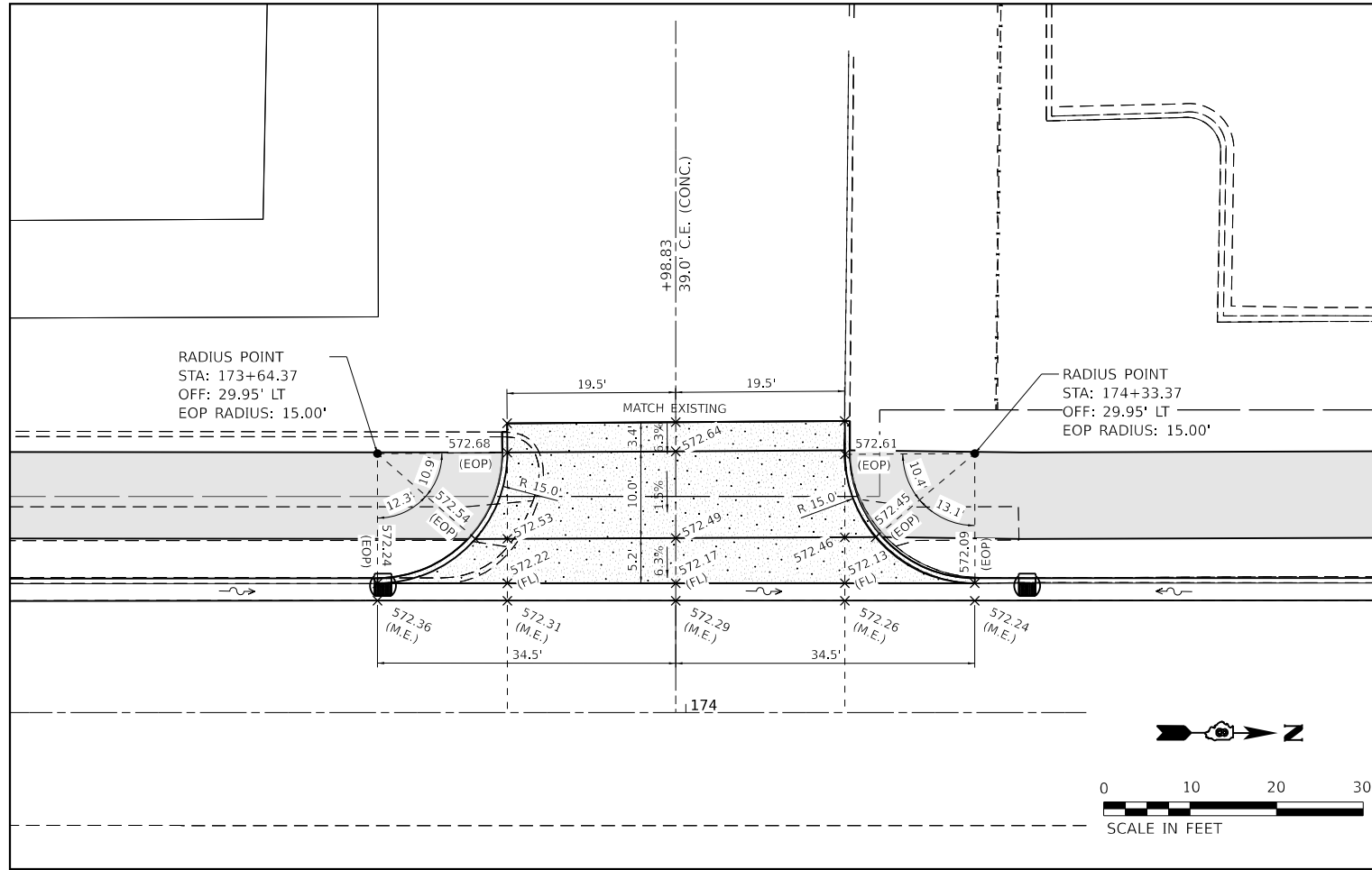
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**GEOMETRIC DETAILS**  
 SCALE: 1"=10'  
 SHEET 3 OF 5 SHEETS  
 STA. TO STA.

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	42
CONTRACT NO.		





MODEL: Default  
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**TWM**  
 ENGINEERING  
 GEOSPATIAL SERVICES  
**TWM, INC.**  
 WWW.TWM-INC.COM  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME =	kostermiller
PLOT SCALE =	240,0000' / ft.
PLOT DATE =	3/19/2024

DESIGNED -	KMO	REVISED -	
DRAWN -	BAB	REVISED -	
CHECKED -	JWS	REVISED -	
DATE -	XX/XX/XXXX	REVISED -	

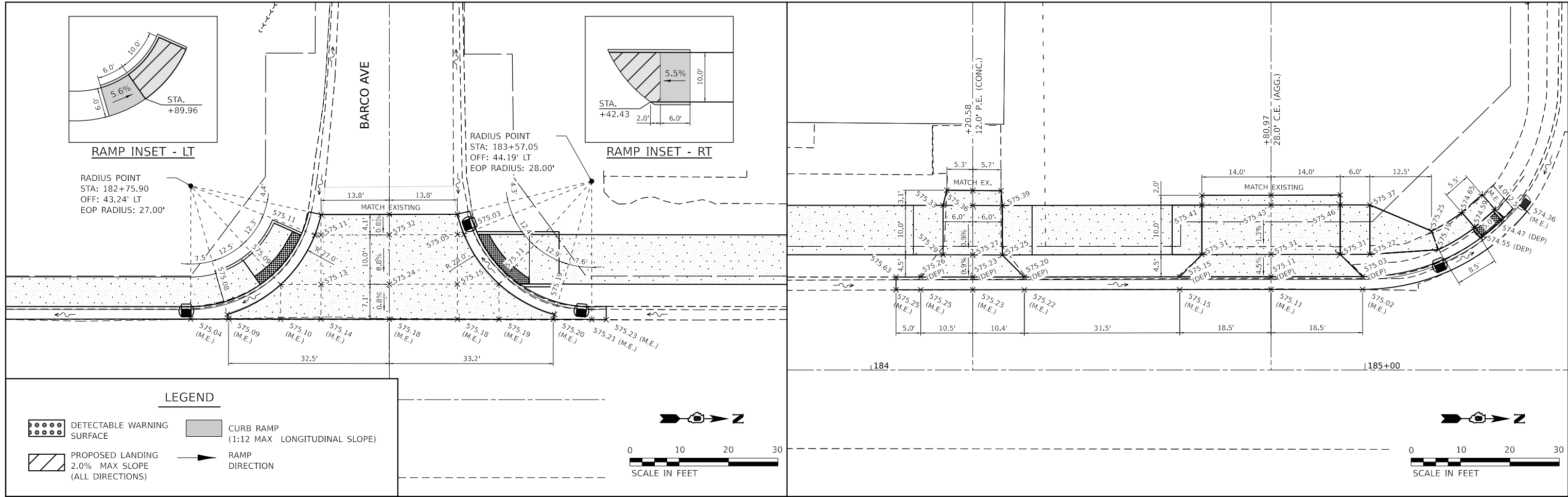


ST. CLAIR COUNTY  
TRANSIT DISTRICT

SCALE: 1"=10'		SHEET 4 OF 5 SHEETS		STA.	TO STA.
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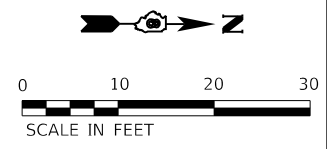
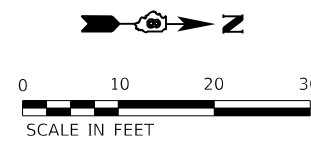
**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	43
CONTRACT NO.		



**LEGEND**

- DETECTABLE WARNING SURFACE
- PROPOSED LANDING 2.0% MAX SLOPE (ALL DIRECTIONS)
- CURB RAMP (1:12 MAX LONGITUDINAL SLOPE)
- RAMP DIRECTION



MODEL: Default; FILE NAME: P:\2018\180411\Phase 4.dwg; CADD - DWG\4.7; Tran\CADD\_Sheets\180411\st-geometric\_detail05.dgn

**TWM**  
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GEOSPATIAL SERVICES

**TWM, INC.**  
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IL DESIGN FIRM  
LICENSE NO: 184-001220

USER NAME = kostermiller
PLOT SCALE = 240,000' / ft.
PLOT DATE = 3/19/2024

DESIGNED - KMO	REvised -
DRAWN - BAB	REvised -
CHECKED - JWS	REvised -
DATE - XX/XX/XXXX	REvised -



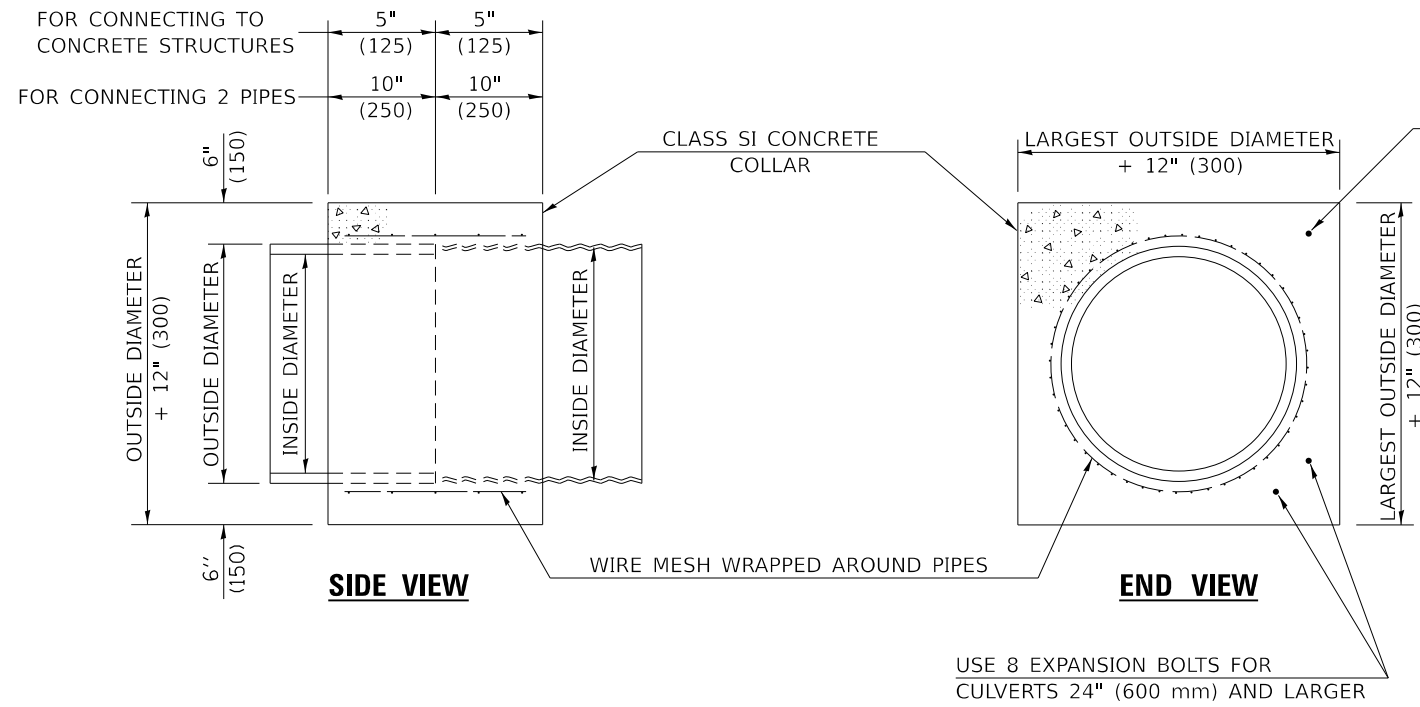
**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**GEOMETRIC DETAILS**

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

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	44
CONTRACT NO.		



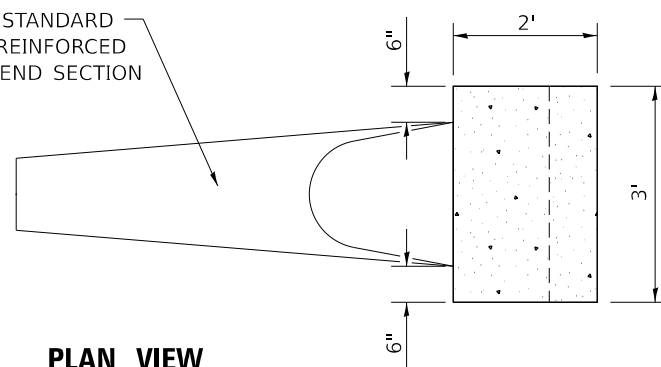
QUANTITIES FOR:	CONCRETE PIPES	METAL PIPES
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	CU.YD. (m <sup>3</sup> )	CU.YD. (m <sup>3</sup> )
4" (100)	0.14 (0.11)	0.14 (0.11)
6" (150)	0.16 (0.12)	0.16 (0.12)
8" (200)	0.19 (0.14)	0.19 (0.14)
10" (250)	0.22 (0.17)	0.22 (0.17)
12" (300)	0.25 (0.19)	0.25 (0.19)
15" (375)	0.30 (0.23)	0.30 (0.23)
18" (450)	0.35 (0.27)	0.35 (0.27)
24" (600)	0.45 (0.35)	0.45 (0.35)
30" (750)	0.57 (0.43)	0.57 (0.43)
36" (900)	0.69 (0.53)	0.69 (0.53)
42" (1050)	0.83 (0.63)	0.83 (0.63)
48" (1200)	0.97 (0.74)	0.97 (0.74)
54" (1350)	1.12 (0.86)	1.12 (0.86)
60" (1500)	1.28 (0.98)	1.28 (0.98)

### GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m<sup>2</sup>).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.

### PIPE CULVERT EXTENSION COLLAR

SEE IDOT HIGHWAY STANDARD 542301 - PRECAST REINFORCED CONCRETE FLARED END SECTION



STA. 141+83.38  
STA. 178+81.20

SEE IDOT HIGHWAY STANDARD 542301 - PRECAST REINFORCED CONCRETE FLARED END SECTION

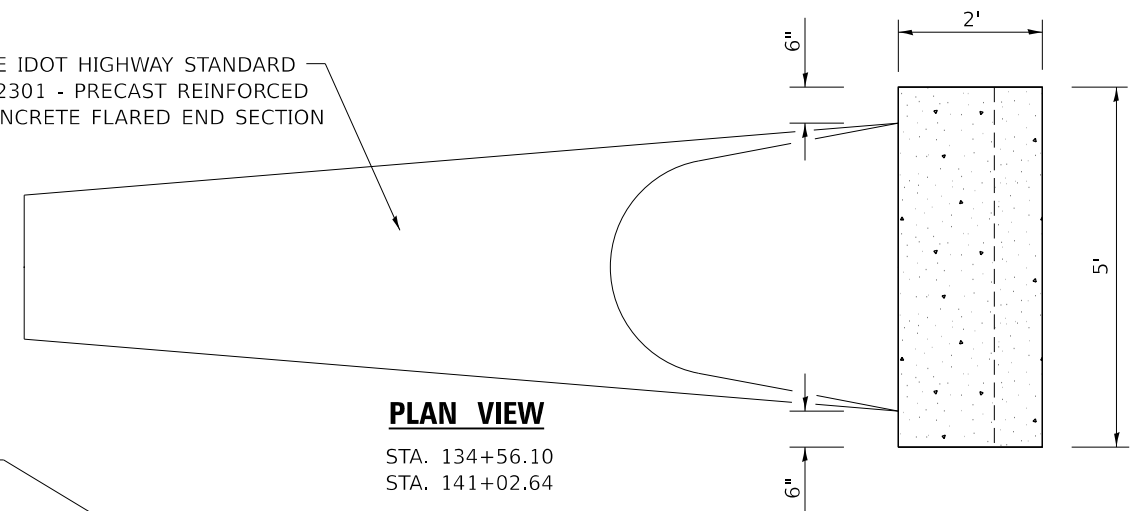
CONTRACTOR ALLOWED TO POUR CONCRETE END BLOCK MONOLITHICALLY WITH CONCRETE PAD. COST INCLUDED IN COST OF FLARED END SECTION.

### SIDE VIEW

2- NO. 4 BARS

### PIPE CULVERT CONCRETE PAD

SEE IDOT HIGHWAY STANDARD 542301 - PRECAST REINFORCED CONCRETE FLARED END SECTION



STA. 134+56.10  
STA. 141+02.64

SEE IDOT HIGHWAY STANDARD 542301 - PRECAST REINFORCED CONCRETE FLARED END SECTION

CONTRACTOR ALLOWED TO POUR CONCRETE END BLOCK MONOLITHICALLY WITH CONCRETE PAD. COST INCLUDED IN COST OF FLARED END SECTION.

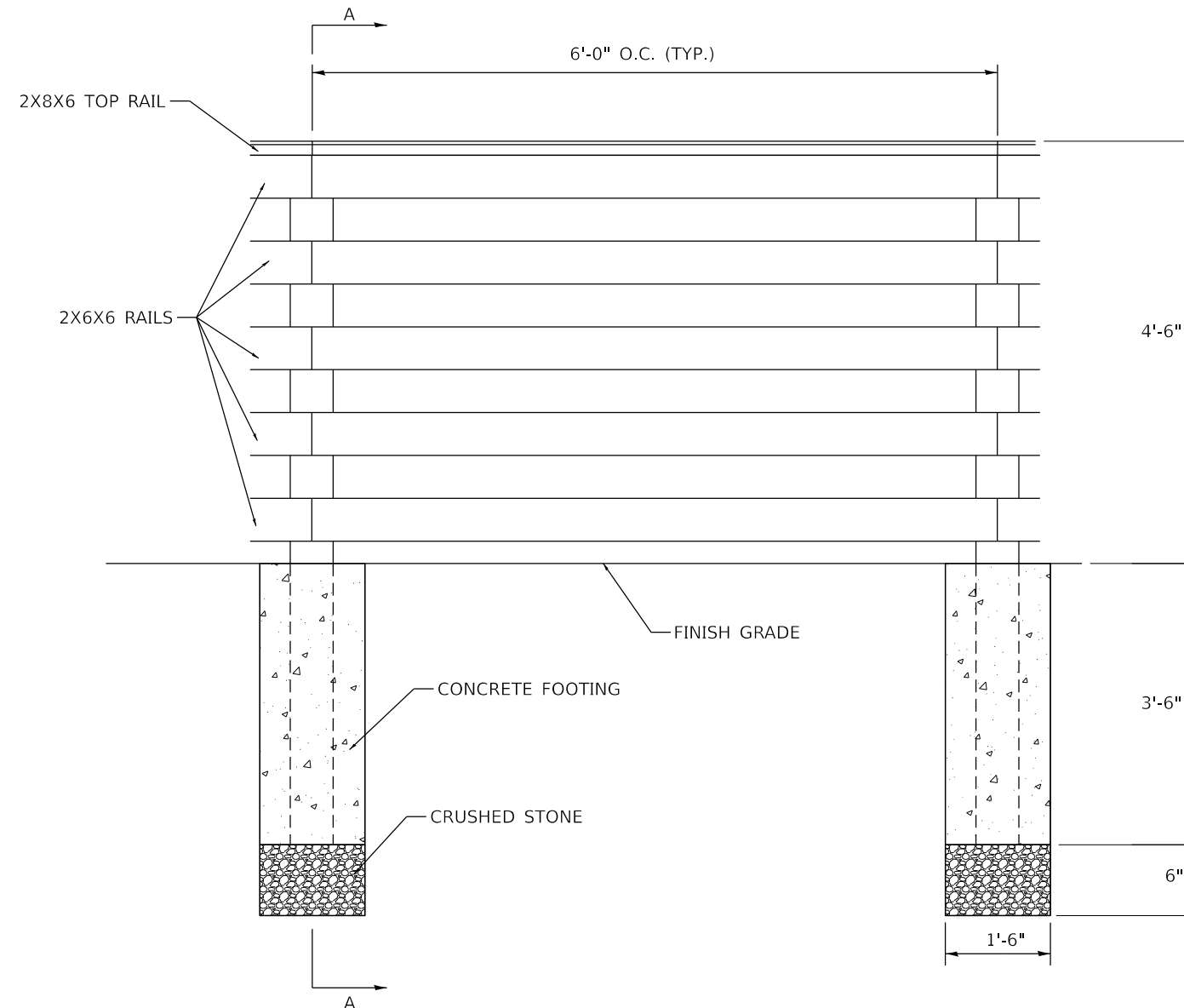
### SIDE VIEW

2- NO. 4 BARS

### GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

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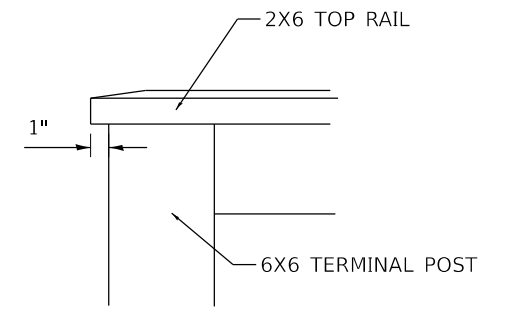


**ELEVATION**

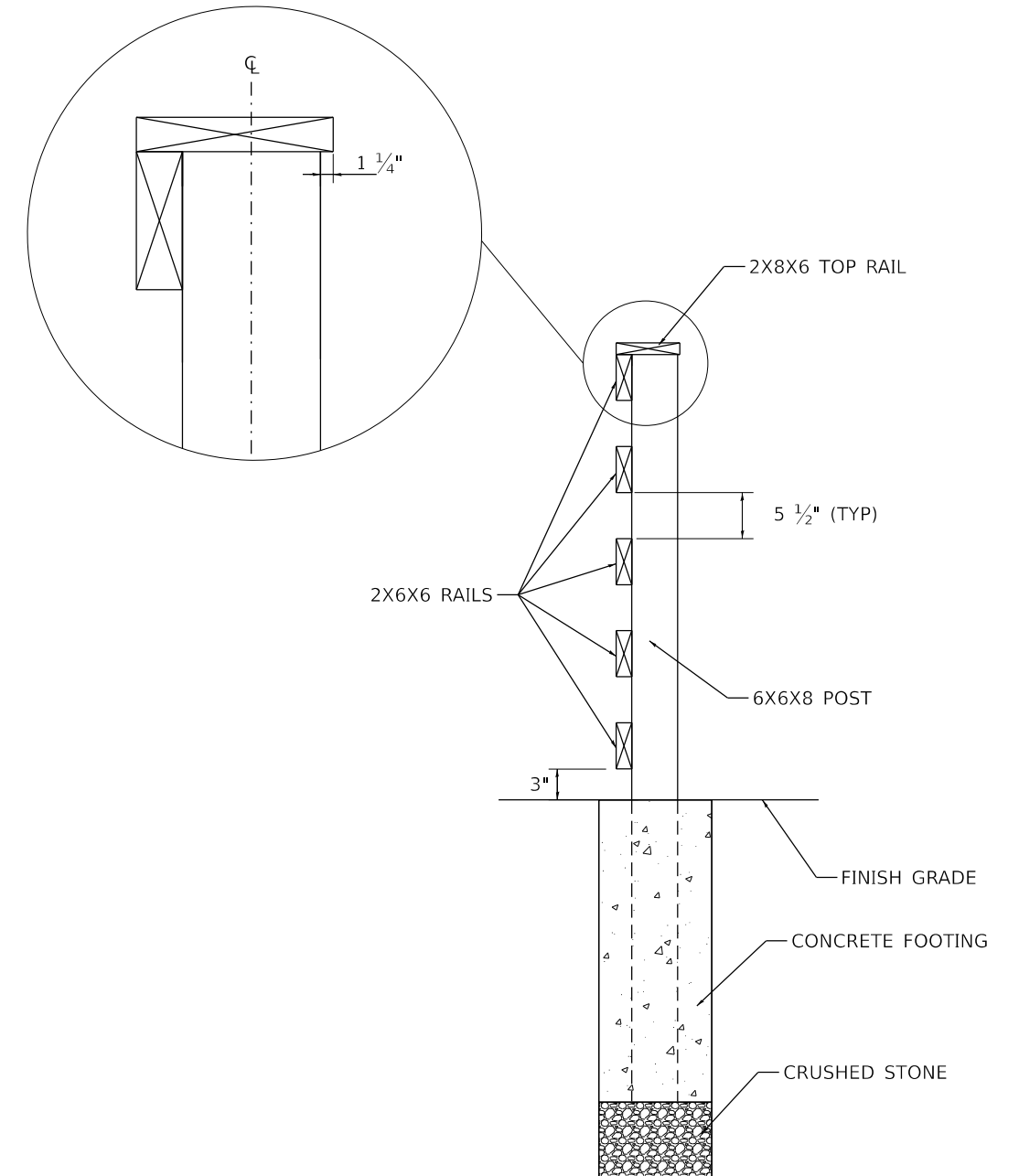
**GENERAL NOTES**

1. CONTRACTOR SHALL COORDINATE LAYOUT WITH ENGINEER PRIOR TO INSTALLATION.
2. ALL LUMBER SHALL BE PRESSURE TREATED NO. 1 SOUTHERN PINE.
3. ALL SCREWS SHALL BE #10 X 3".
4. ATTACH RAILS WITH 3 STAINLESS STEEL SCREWS AT EACH POST.

**WOOD POST AND RAIL FENCE**



**TERMINAL POST ELEVATION**



**SECTION A-A**

MODEL: Default  
FILE NAME: P:\2018\180411\Phase 4.dwg - DWG4.7\_Trim\CADD\_Sheets\180411-sh1-misc\_07.dgn



**TWM, INC.**  
www.twm-inc.com  
IL DESIGN FIRM  
LICENSE NO:  
184-001220

USER NAME = kostermiller  
DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISED -  
REVISED -  
REVISED -  
REVISED -



**ST. CLAIR COUNTY  
TRANSIT DISTRICT**

**MISCELLANEOUS DETAILS  
WOOD POST AND RAIL FENCE**

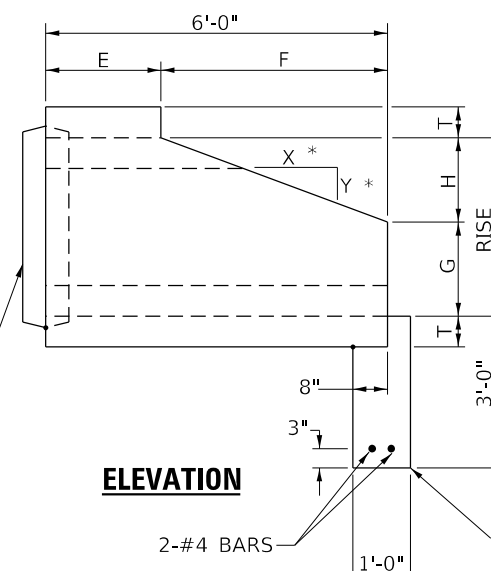
SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

**OLD COLLINSVILLE  
ROAD TRAIL  
PHASE 4**

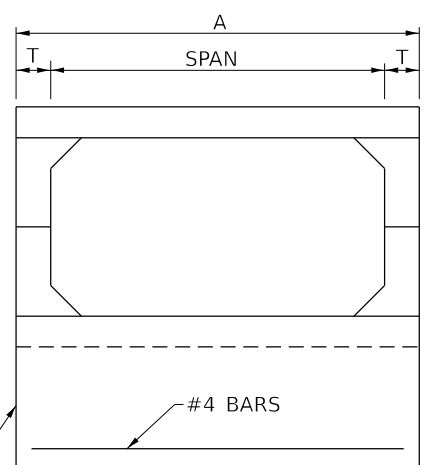
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	46
CONTRACT NO.		

**DIMENSIONS \*\***

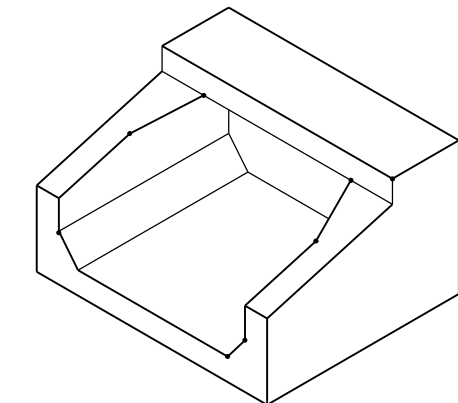
SPAN X RISE	T (INCHES)	A (FT.-IN.)	B (FT.-IN.)	C (INCHES)	E (FT.-IN.)	F (FT.-IN.)	G (FT.-IN.)	H (FT.-IN.)	SLOPE (Y:X)
2' X 2'	4	2-8	2-8	4	3-0	3-0	1-0	1-0	1:3
3' X 2'	4	3-8	2-8	4	3-0	3-0	1-0	1-0	1:3
3' X 3'	4	3-8	3-8	4	2-0	4-0	1-8	1-4	1:3
4' X 2'	5	4-10	2-10	5	3-0	3-0	1-0	1-0	1:3
4' X 3'	5	4-10	3-10	5	2-0	4-0	1-8	1-4	1:3
4' X 4'	5	4-10	4-10	5	2-0	4-0	2-0	2-0	1:2
5' X 2'	6	6-0	3-0	6	3-0	3-0	1-0	1-0	1:3
5' X 3'	6	6-0	4-0	6	2-0	4-0	1-8	1-4	1:3
5' X 4'	6	6-0	5-0	6	2-0	4-0	2-0	2-0	1:2
5' X 5'	6	6-0	6-0	6	2-0	4-0	3-0	2-0	1:2
6' X 2'	7	7-2	3-2	7	3-0	3-0	1-0	1-0	1:3
6' X 3'	7	7-2	4-2	7	2-0	4-0	1-8	1-4	1:3
6' X 4'	7	7-2	5-2	7	2-0	4-0	2-0	2-0	1:2
6' X 5'	7	7-2	6-2	7	2-0	4-0	3-0	2-0	1:2
6' X 6'	7	7-2	7-2	7	2-0	4-0	4-0	2-0	1:2
7' X 4'	8	8-4	5-4	8	2-0	4-0	2-0	2-0	1:2
7' X 5'	8	8-4	6-4	8	2-0	4-0	3-0	2-0	1:2
7' X 6'	8	8-4	7-4	8	2-0	4-0	4-0	2-0	1:2
7' X 7'	8	8-4	8-4	8	2-0	4-0	5-0	2-0	1:2
8' X 4'	8	9-4	5-4	8	2-0	4-0	2-0	2-0	1:2
8' X 5'	8	9-4	6-4	8	2-0	4-0	3-0	2-0	1:2
8' X 6'	8	9-4	7-4	8	2-0	4-0	4-0	2-0	1:2
8' X 7'	8	9-4	8-4	8	2-0	4-0	5-0	2-0	1:2
8' X 8'	8	9-4	9-4	8	2-0	4-0	6-0	2-0	1:2
9' X 5'	9	10-6	6-6	9	2-0	4-0	3-0	2-0	1:2
9' X 6'	9	10-6	7-6	9	2-0	4-0	4-0	2-0	1:2
9' X 7'	9	10-6	8-6	9	2-0	4-0	5-0	2-0	1:2
9' X 8'	9	10-6	9-6	9	2-0	4-0	6-0	2-0	1:2
9' X 9'	9	10-6	10-6	9	2-0	4-0	7-0	2-0	1:2
10' X 5'	10	11-8	6-8	10	2-0	4-0	3-0	2-0	1:2
10' X 6'	10	11-8	7-8	10	2-0	4-0	4-0	2-0	1:2
10' X 7'	10	11-8	8-8	10	2-0	4-0	5-0	2-0	1:2
10' X 8'	10	11-8	9-8	10	2-0	4-0	6-0	2-0	1:2
10' X 9'	10	11-8	10-8	10	2-0	4-0	7-0	2-0	1:2
10' X 10'	10	11-8	11-8	10	2-0	4-0	8-0	2-0	1:2
11' X 4'	11	12-10	5-10	11	2-0	4-0	2-0	2-0	1:2
11' X 6'	11	12-10	7-10	11	2-0	4-0	4-0	2-0	1:2
11' X 8'	11	12-10	9-10	11	2-0	4-0	6-0	2-0	1:2
11' X 10'	11	12-10	11-10	11	2-0	4-0	8-0	2-0	1:2
11' X 11'	11	12-10	12-10	11	2-0	4-0	9-0	2-0	1:2
12' X 4'	12	14-0	6-0	12	2-0	4-0	2-0	2-0	1:2
12' X 6'	12	14-0	8-0	12	2-0	4-0	4-0	2-0	1:2
12' X 8'	12	14-0	10-0	12	2-0	4-0	6-0	2-0	1:2
12' X 10'	12	14-0	12-0	12	2-0	4-0	8-0	2-0	1:2
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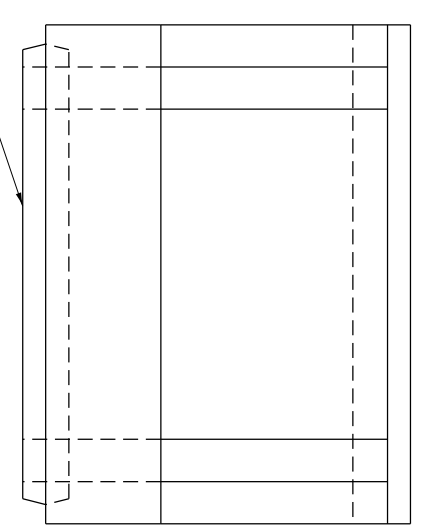
\* 1:2 SLOPE MINIMUM



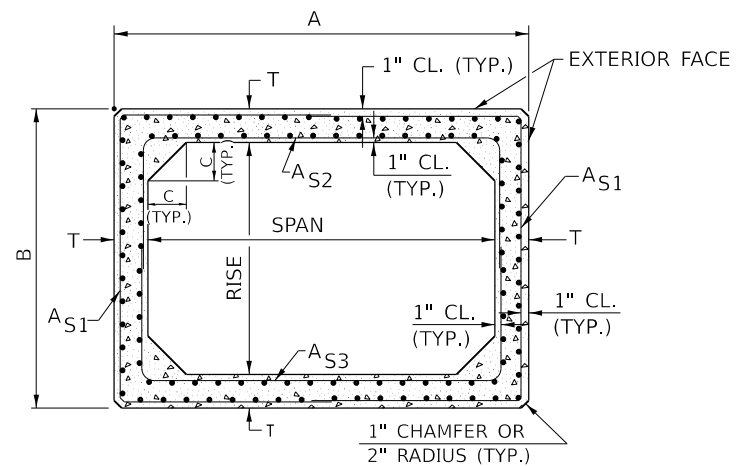
**END VIEW**



**ISOMETRIC**



**PLAN**



**CROSS SECTION**

**GENERAL NOTES**

SHOP DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 1042.03(b) OF THE STANDARD SPECIFICATIONS.

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED WITH MASTIC IN ACCORDANCE WITH SECTION 1055 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS AS1, AS2, & AS3 DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN AASHTO M259. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO AASHTO M55-81.

⊗ "NON-STANDARD PRECAST CONCRETE BOX CULVERT (ASTM) DESIGNS"; STANDARD PCBC (ASTM) DESIGNS ARE PREFERRED.

**\*\*NOTE:**  
THE DIMENSIONS INDICATED ARE FOR END SECTIONS THAT ARE TO BE USED WITH PRECAST BOX CULVERT SECTIONS DESIGNED FOR 2' OR MORE OF FILL (AASHTO M259). THE DIMENSIONS MAY BE MODIFIED FOR THE END SECTION TO BE COMPATIBLE WITH PRECAST CULVERT SECTIONS DESIGNED FOR LESS THAN 2' OF FILL (AASHTO M273).

MODEL: Default  
FILE NAME: P:\2018\180411\Phase 4.dwg - DWG4.7.Tran\CADD Sheets\180411-ent-misc\_03.dwg



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USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 480,0000' / ft.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -

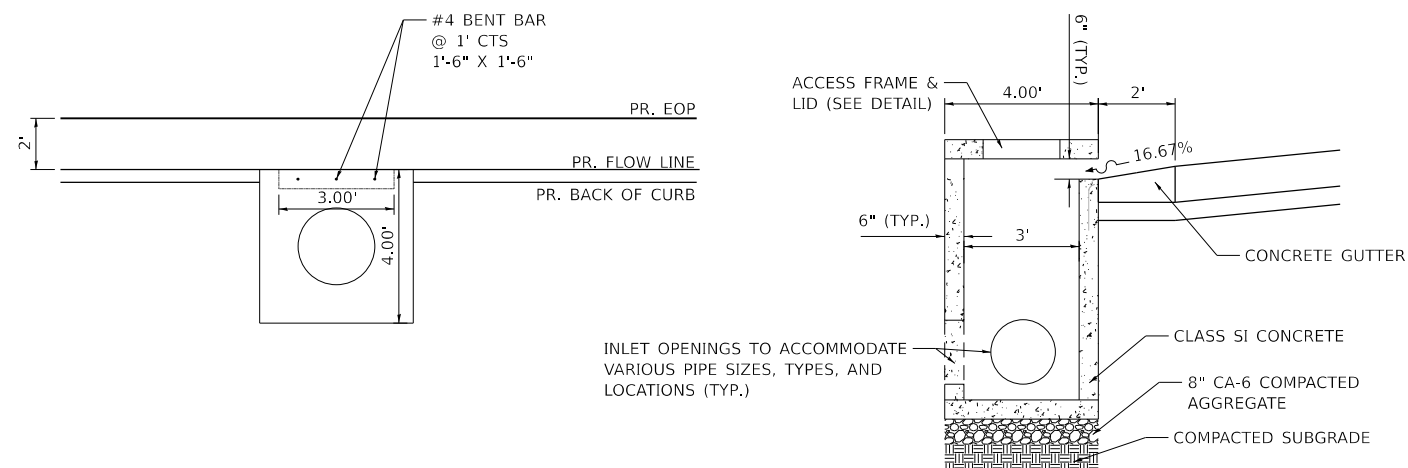


**ST. CLAIR COUNTY TRANSIT DISTRICT**

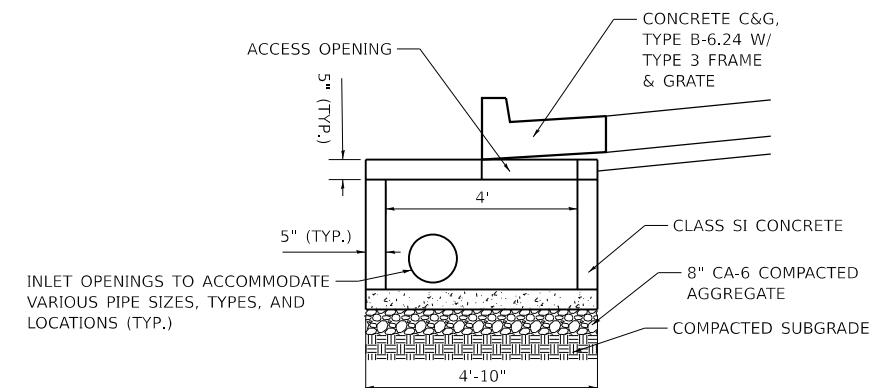
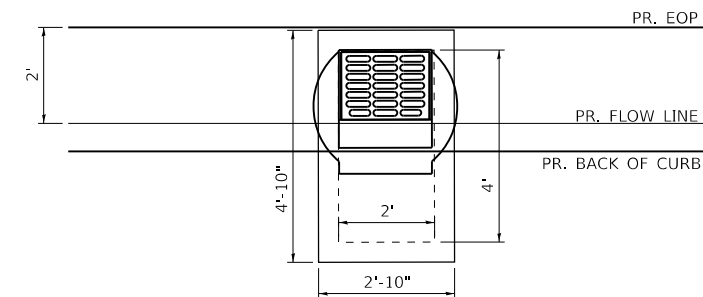
**MISCELLANEOUS DETAILS PRECAST BOX CULVERT END SECTION**  
SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. TO STA.

**OLD COLLINSVILLE ROAD TRAIL PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	47
CONTRACT NO.		

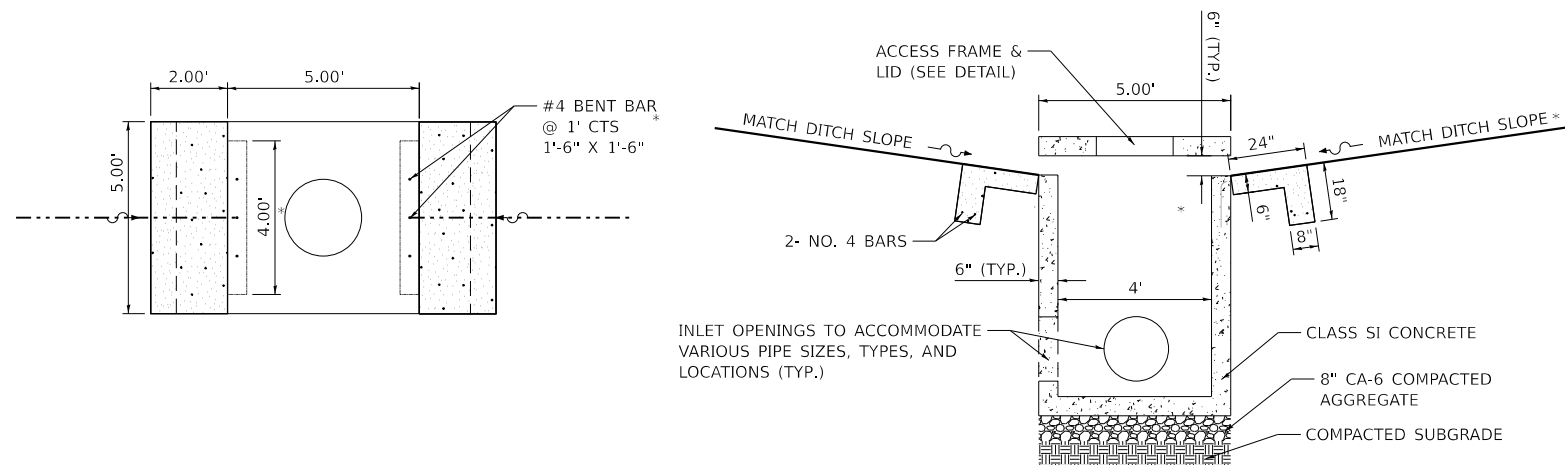


**INLET, SPECIAL, NO. 1**

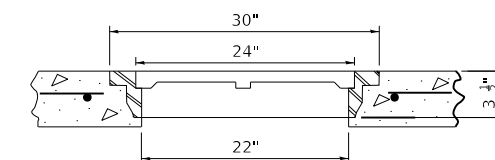


**INLET, SPECIAL, NO. 3**

\* NOTE: STRUCTURE P-6-1 IS OPEN ON 1-SIDE ONLY.  
STRUCTURE P-15-5 IS OPEN ON 2-SIDES.



**INLET, SPECIAL, NO. 2  
W/ CONCRETE PADS**



**ACCESS FRAME AND LID**

MODEL: Default  
FILE NAME: P:\2018\180414\Phase 4.dwg - DWG4.7 - Tran\CADD - Sheets\180414-sh-cm-isc\_04.dwg



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 133+76.71  
 FILE NAME: P:\2021\180441\Phase 4\ CADD - DWG\4.7\_TrafficADD\_Sheets\180441-Cross\_Section1.dwg



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 LICENSE NO: 184-001220

USER NAME = kostermillr	DESIGNED - KMO	REVISED -
PLOT SCALE = 0.16666692' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



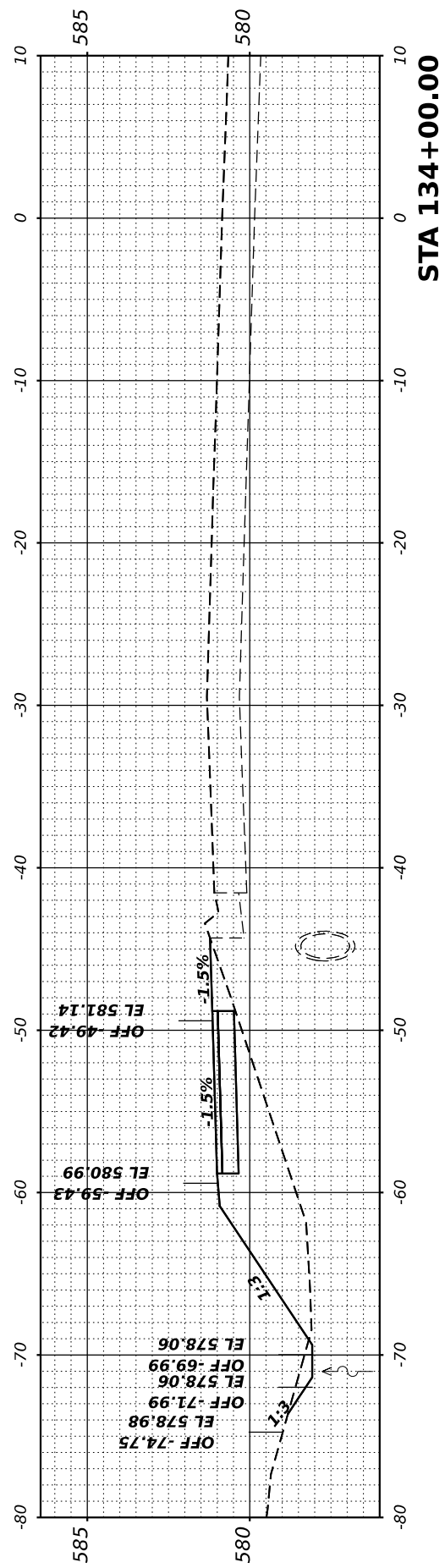
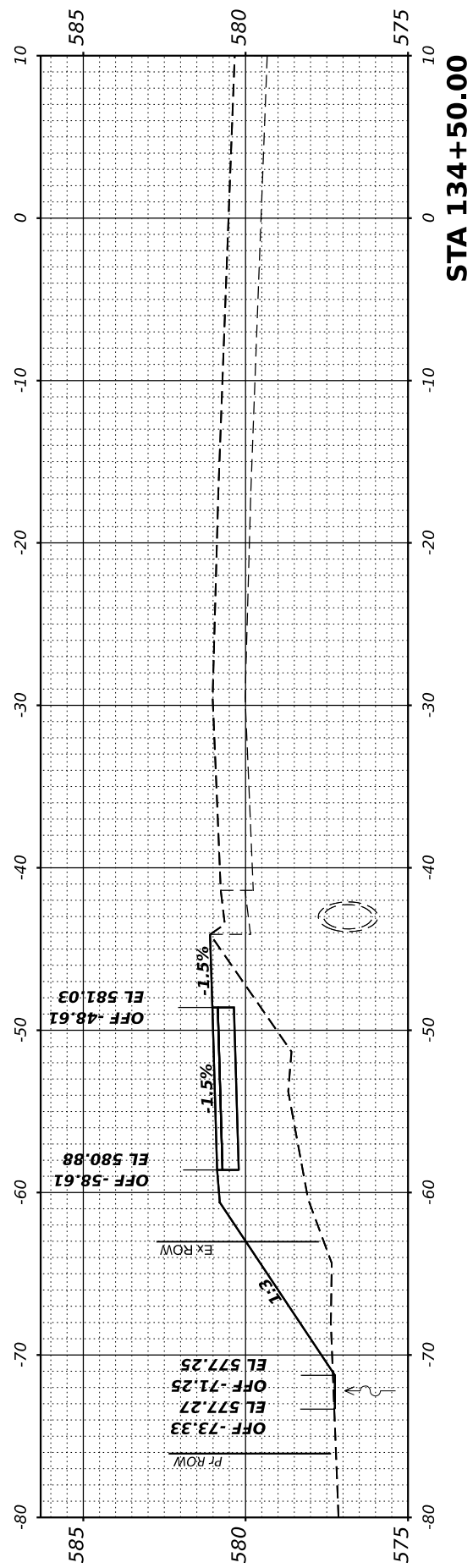
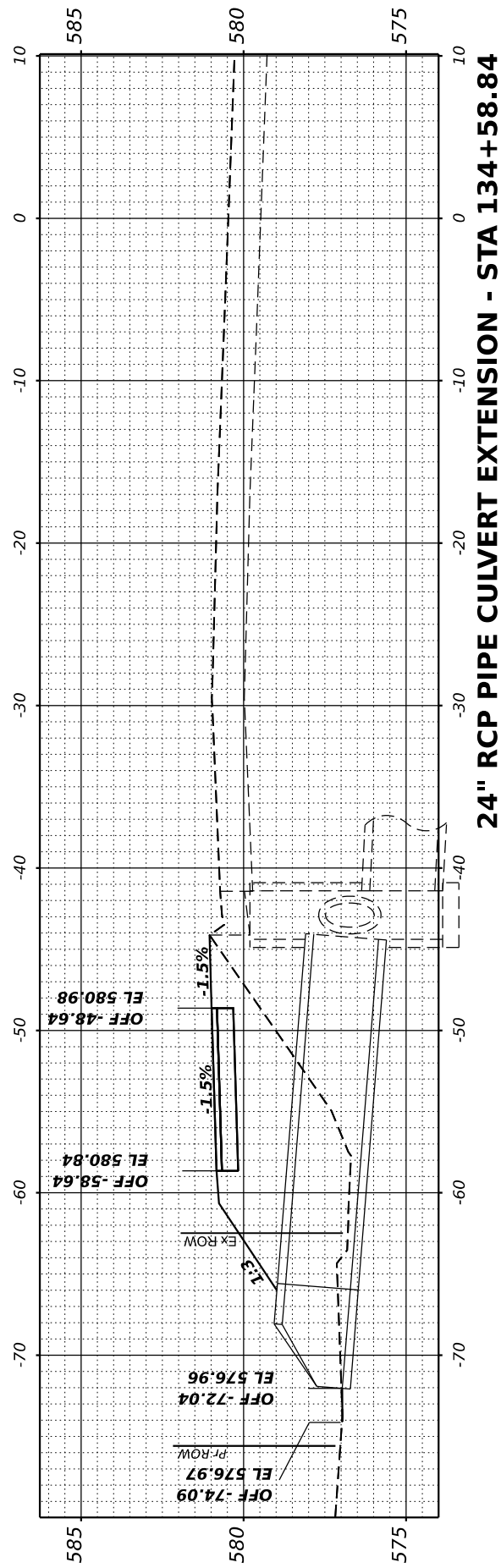
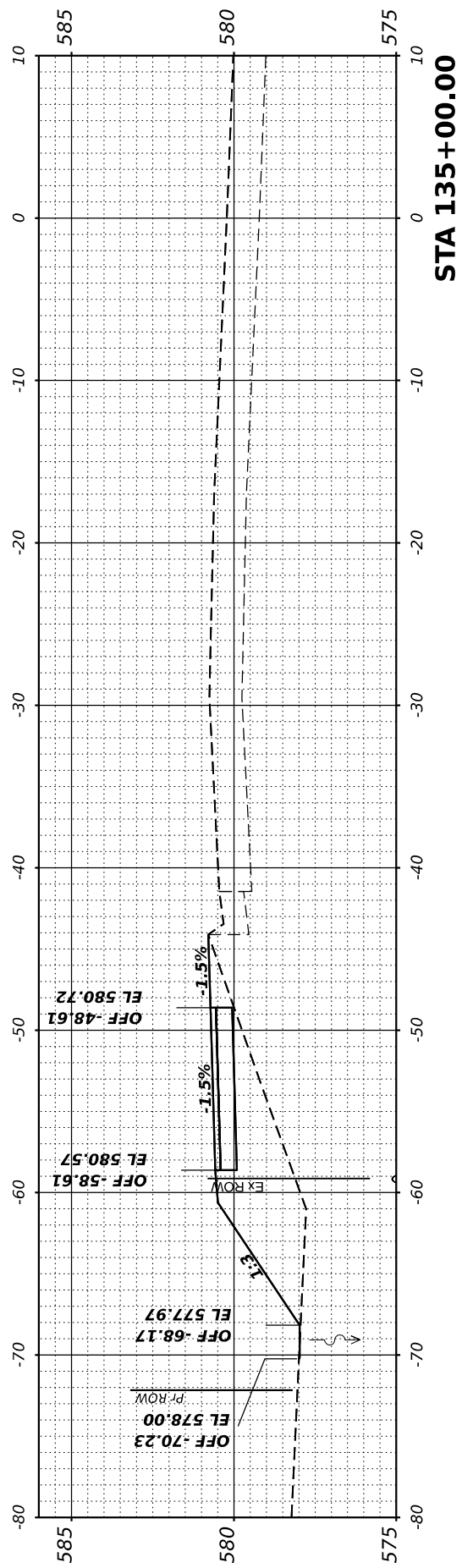
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET 1 OF 29 SHEETS STA. 134+00.00 TO STA. 135+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

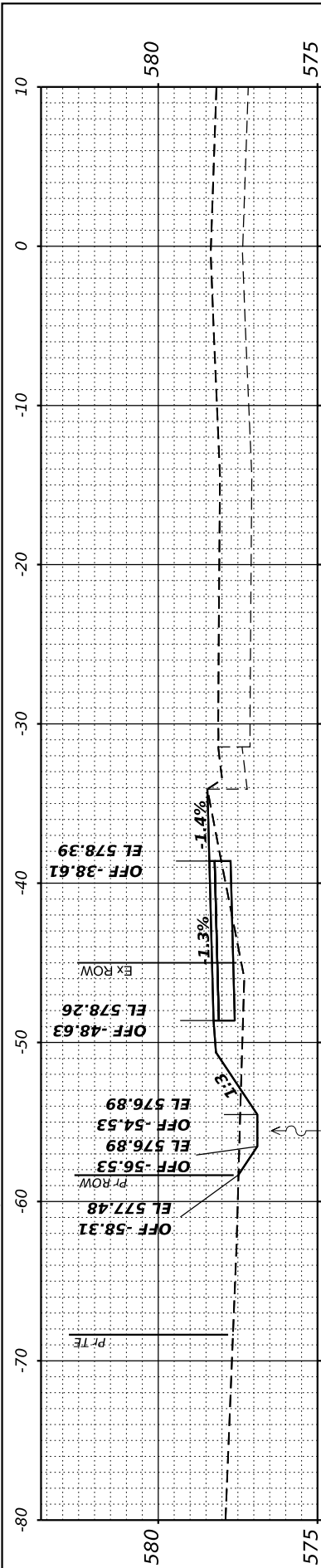
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	49
CONTRACT NO.		



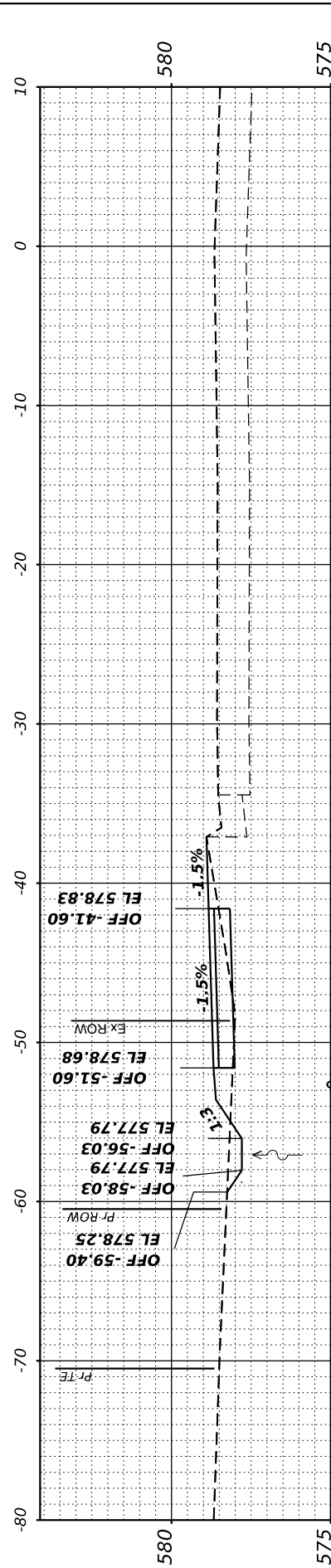
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NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
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AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

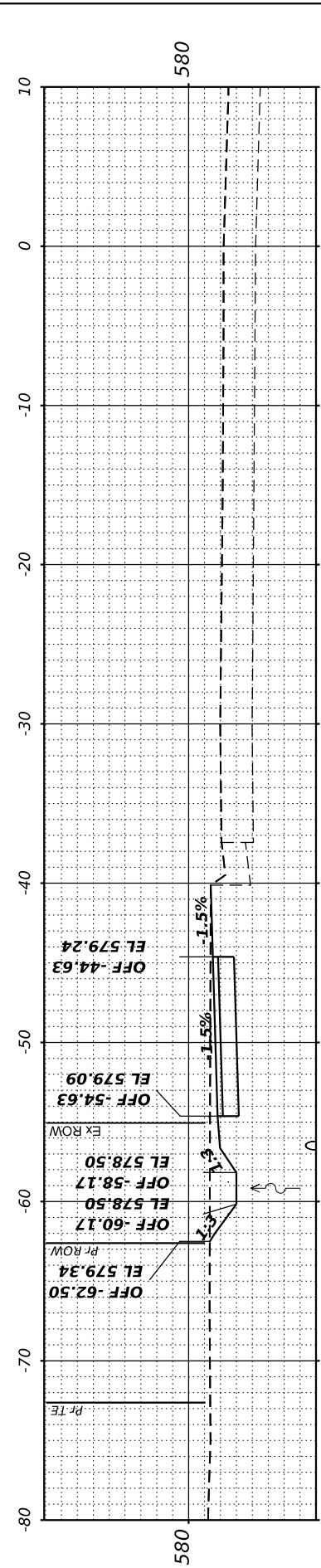
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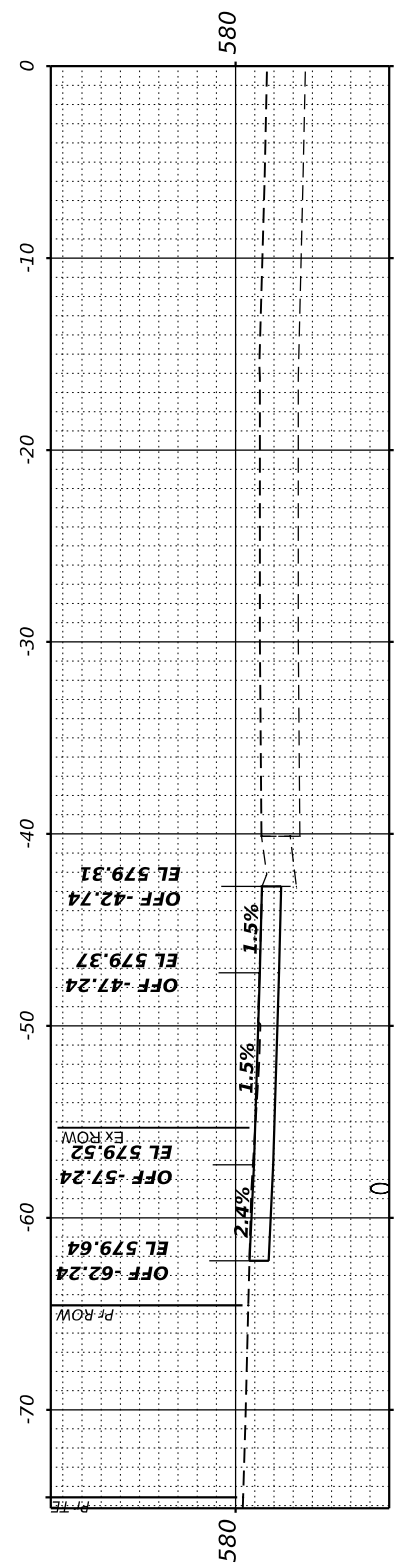
STA 138+00.00



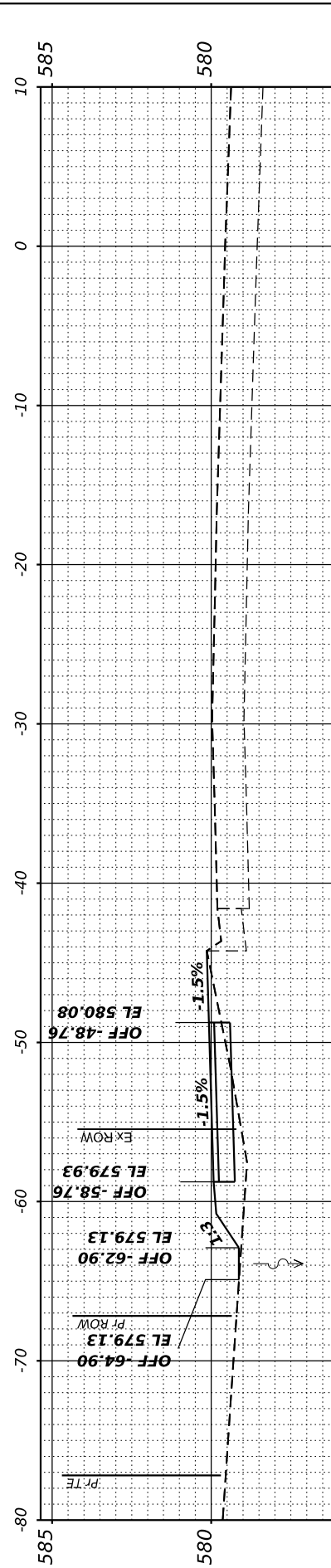
STA 137+50.00



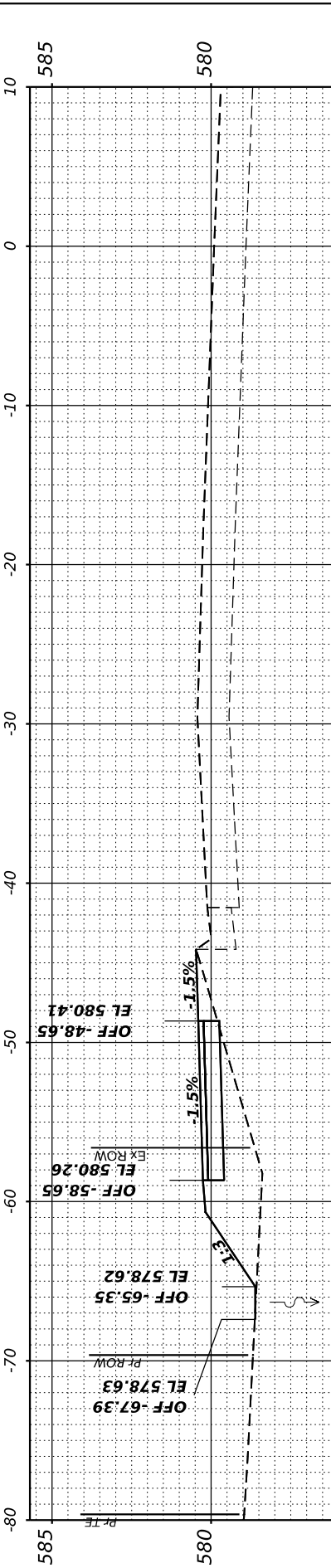
STA 137+00.00



P.E. (AGG.) LT SKEWED - STA 136+55.36



STA 136+00.00



STA 135+50.00



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 LICENSE NO: 184-001220

USER NAME = kostermiller  
 PLOT SCALE = 0.16666692' / in.  
 PLOT DATE = 3/19/2024

DESIGNED - KMO  
 DRAWN - BAB  
 CHECKED - JWS  
 DATE - XX/XX/XXXX

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



ST. CLAIR COUNTY  
 TRANSIT DISTRICT

CROSS SECTIONS

SCALE: 1"=10' SHEET 2 OF 29 SHEETS STA. 135+50.00 TO STA. 138+00.00

OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	50
CONTRACT NO.		

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

MODEL: EX\_OCR\_CL - 138+50.00  
 FILE NAME: P:\2024\184\Phase 4\ CADD - DWG\4.7\_Tran\CADD\_Sheets\184+1-Cross\_Section3.dgn



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 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller

PLOT SCALE = 0.16666692' / in.  
 PLOT DATE = 3/19/2024

DESIGNED - KMO  
 DRAWN - BAB  
 CHECKED - JWS  
 DATE - XX/XX/XXXX

REVISED -  
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 REVISED -



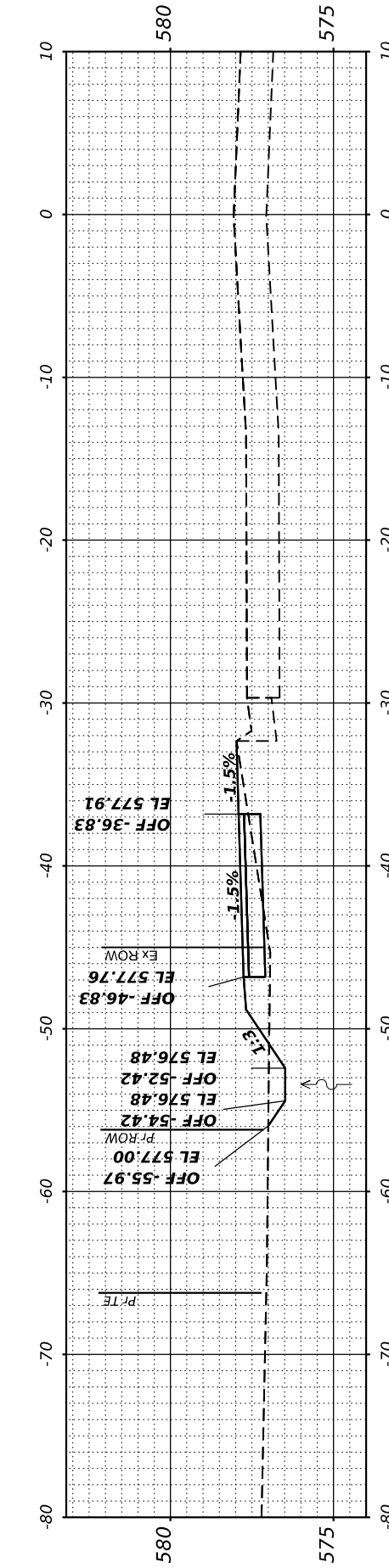
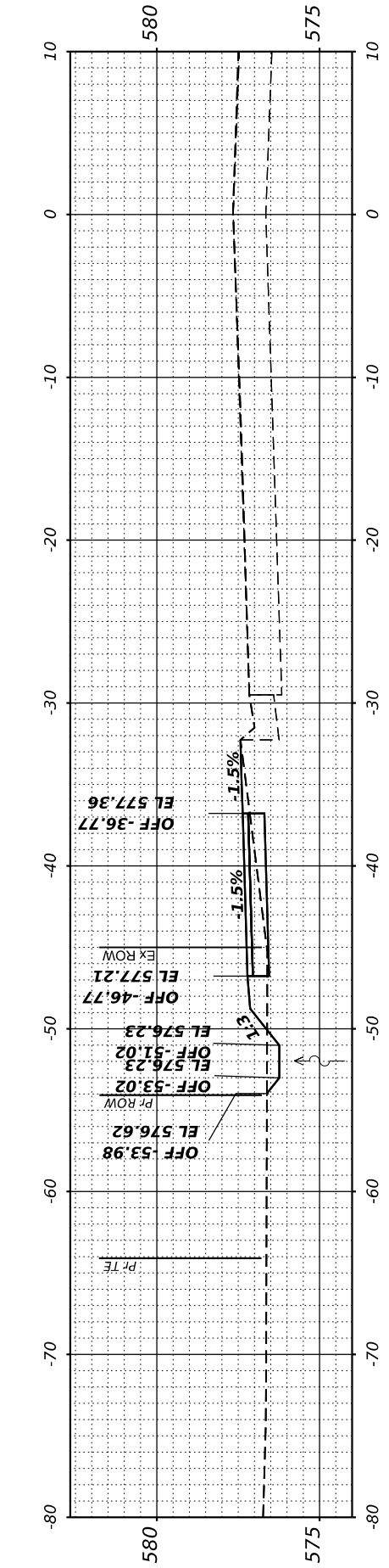
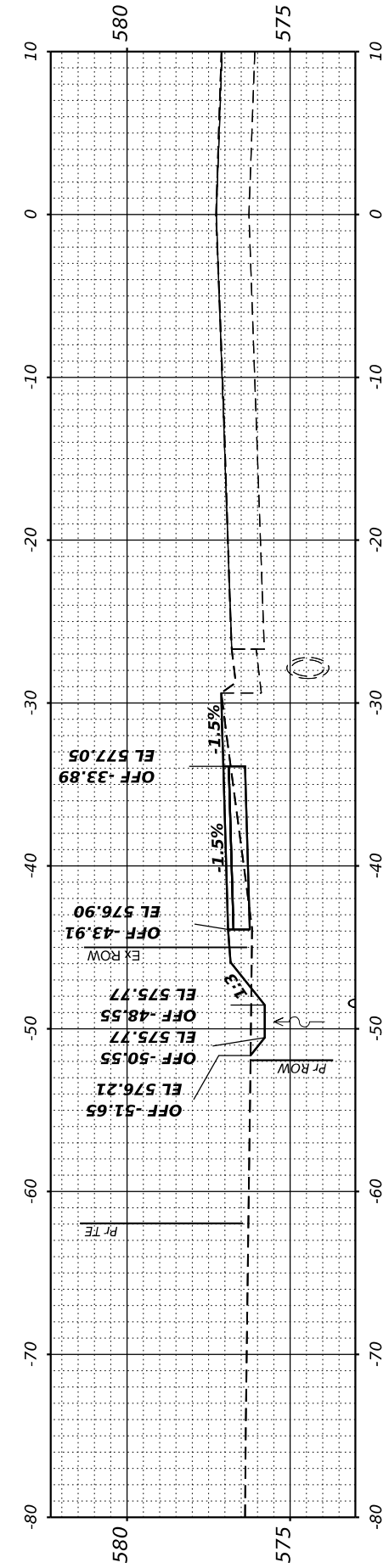
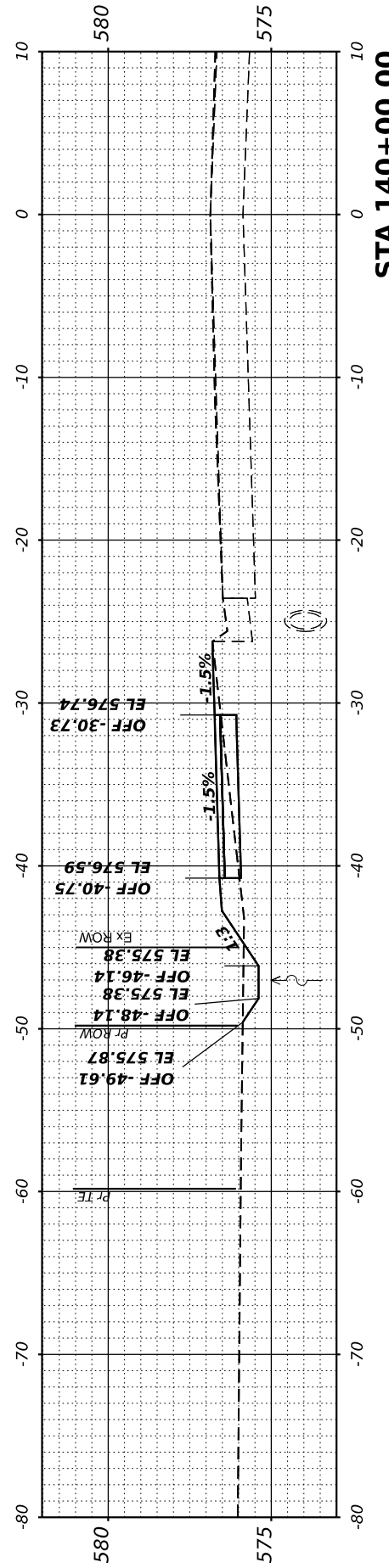
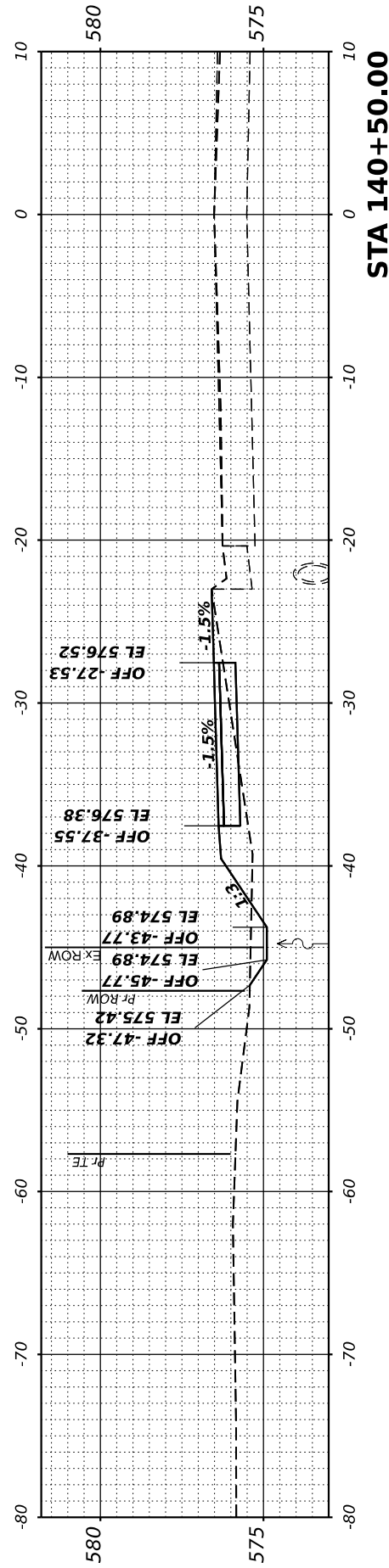
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET 3 OF 29 SHEETS STA. 138+50.00 TO STA. 140+50.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	51
CONTRACT NO.		



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

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

MODEL: EX\_OCR\_CL - 141+00.00  
 FILE NAME: P:\2023\184\1\Phase 4\ CADD - DWG\4.7\_Traffic\184-1-Cross\_Section.dgn



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 IL DESIGN FIRM  
 LICENSE NO:  
 184-001220

USER NAME	= kostermiller
DESIGNED	- KMO
DRAWN	- BAB
CHECKED	- JWS
DATE	- XX/XX/XXXX
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	



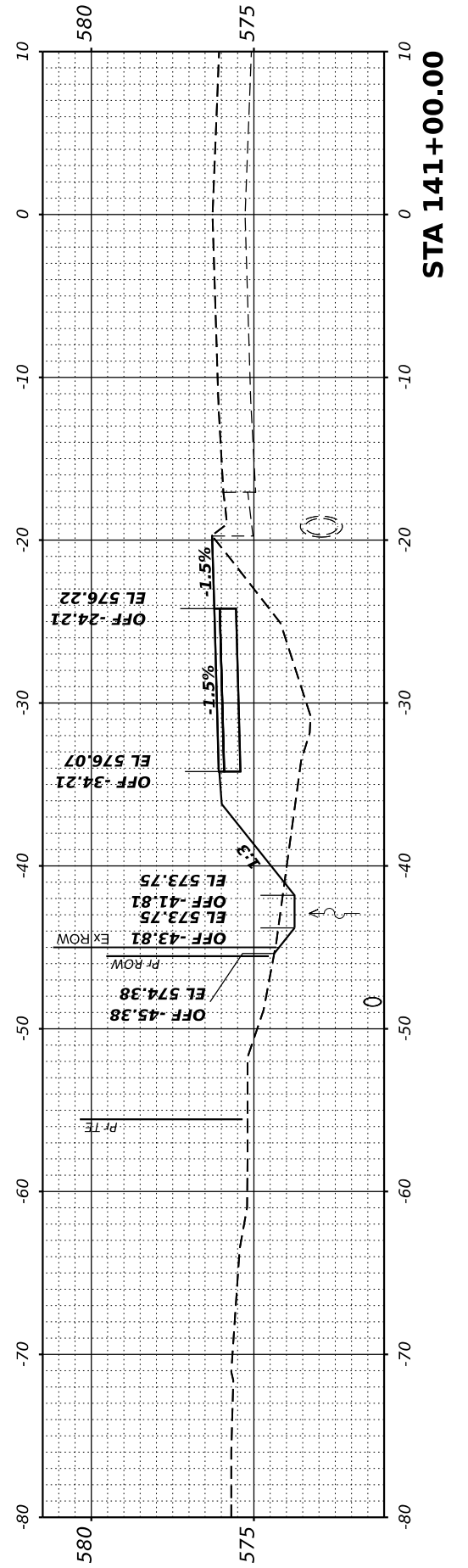
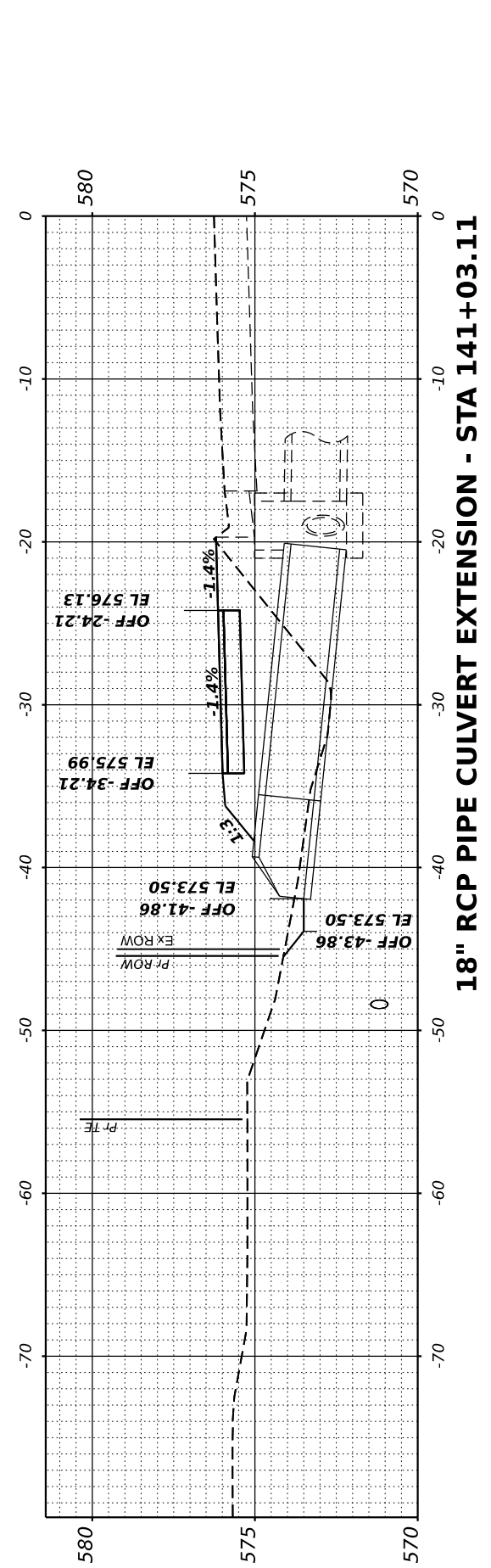
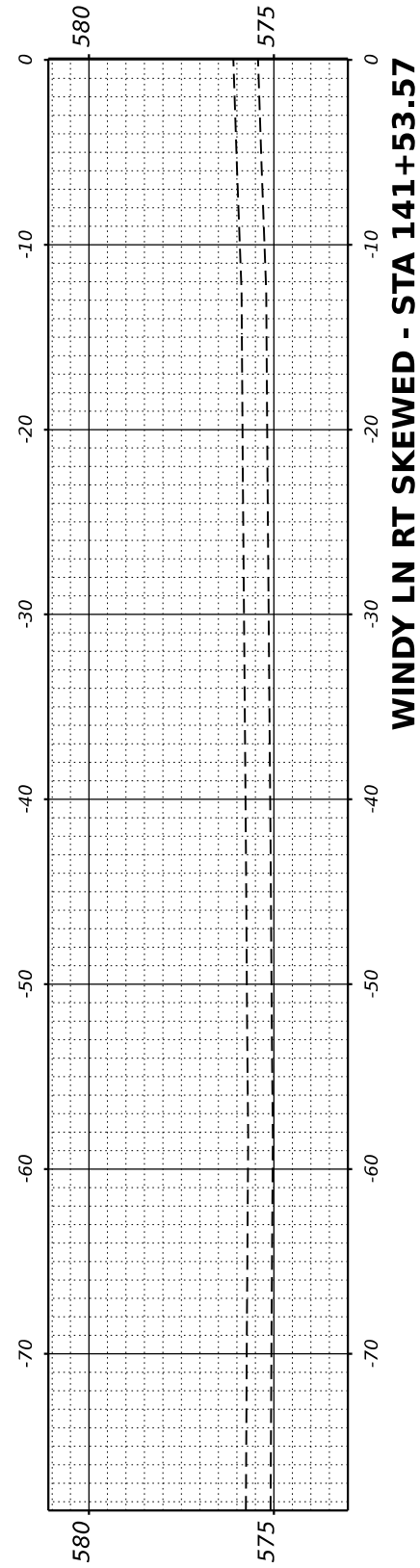
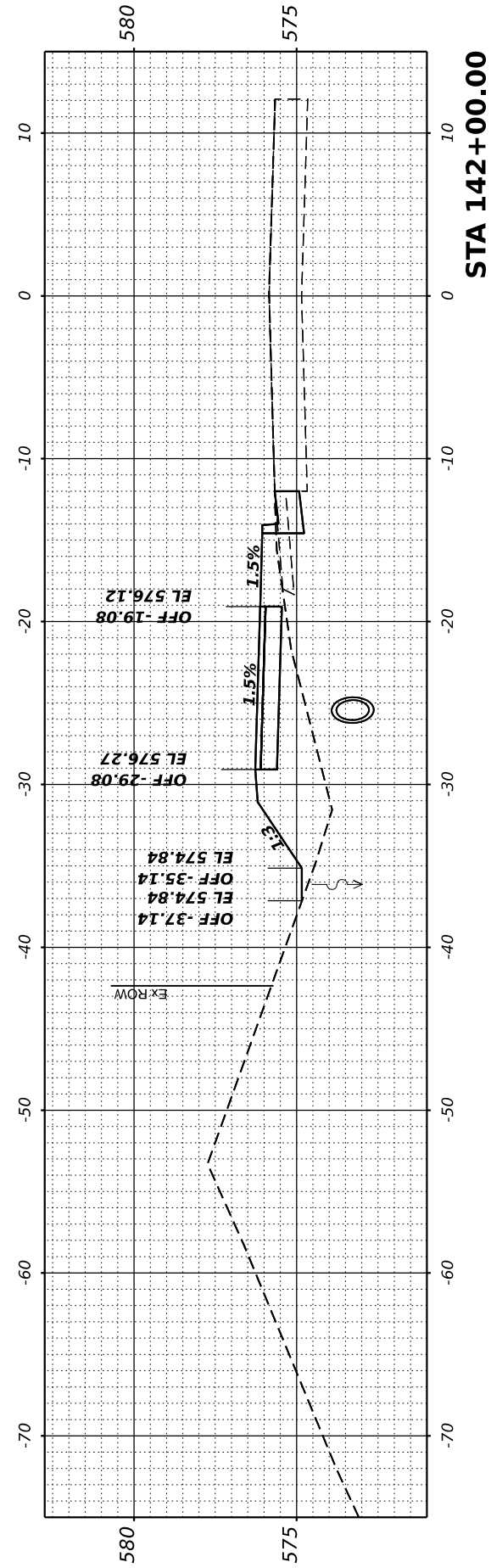
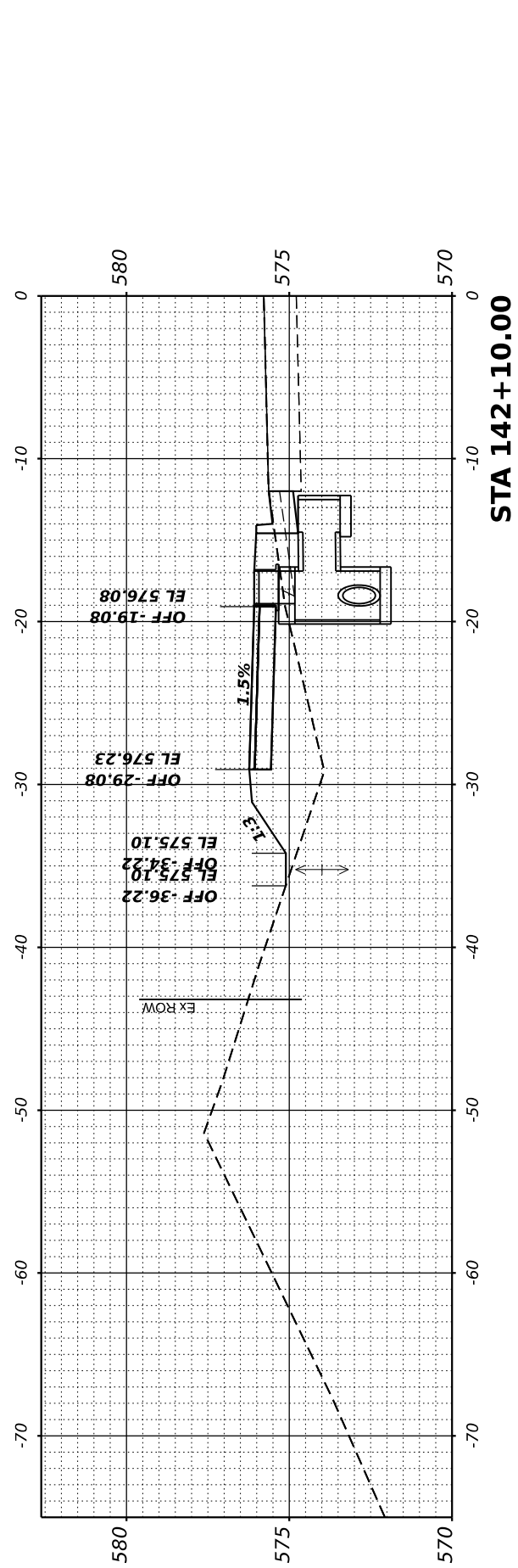
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET 4 OF 29 SHEETS STA. 141+00.00 TO STA. 142+10.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

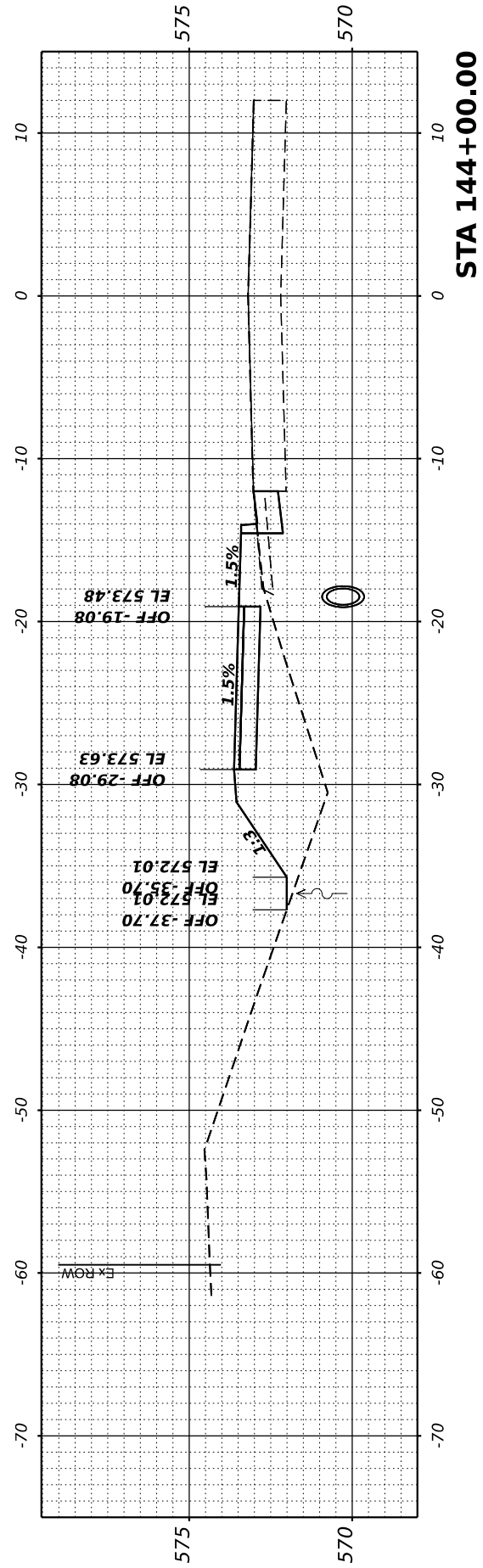
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	52
CONTRACT NO.		



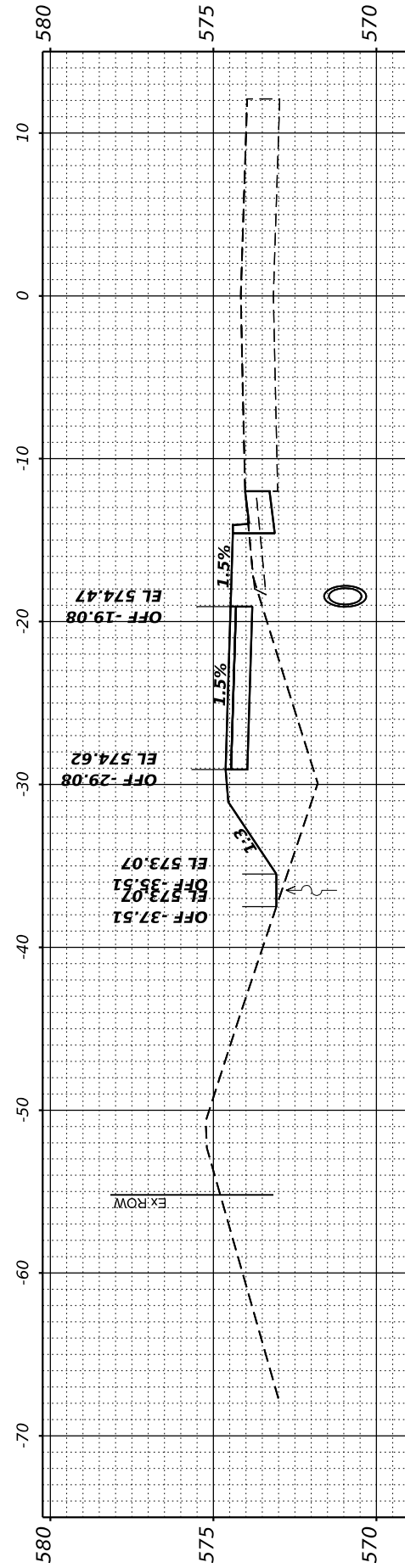
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

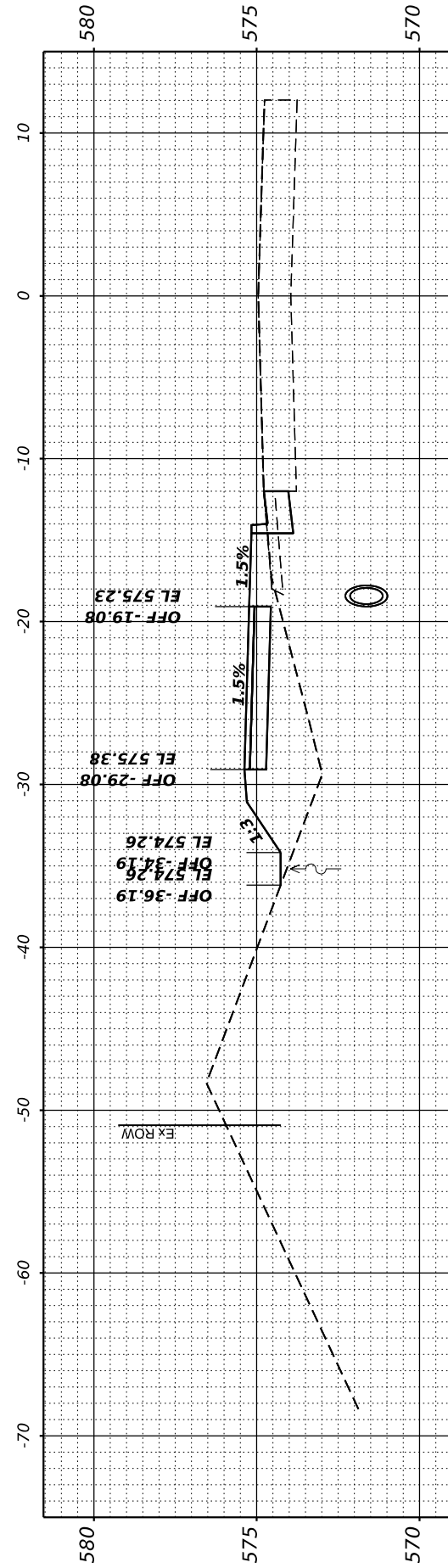
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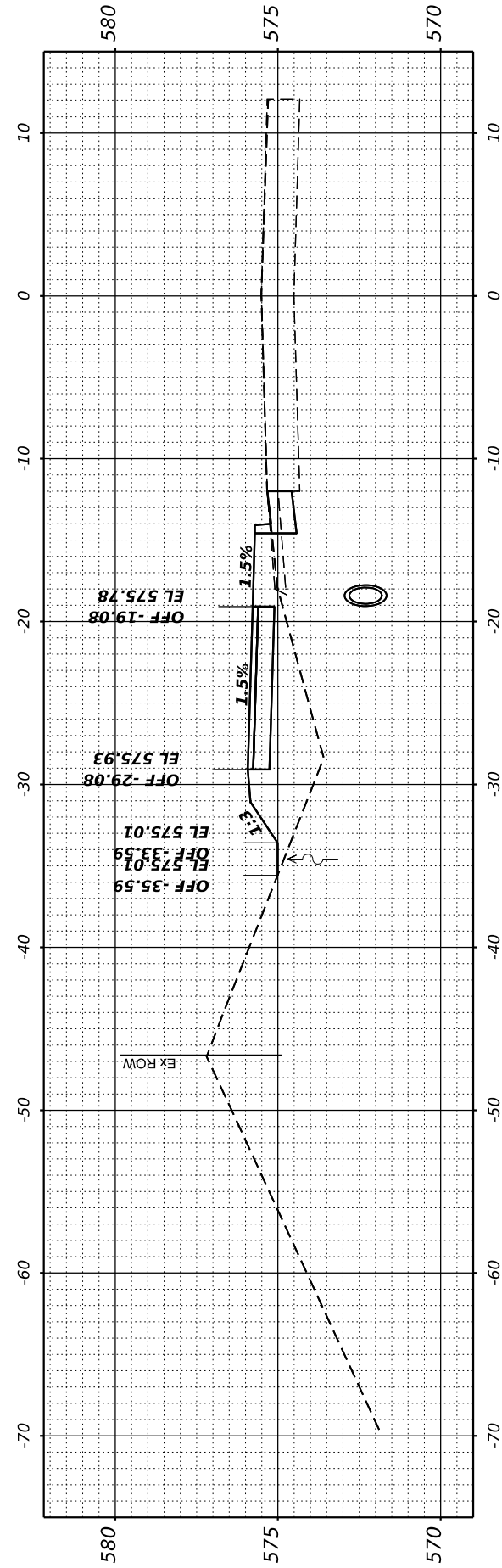
STA 144+00.00



STA 143+50.00



STA 143+00.00



STA 142+50.00



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USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 0.16666692' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET 5 OF 29 SHEETS STA. 142+50.00 TO STA. 144+00.00

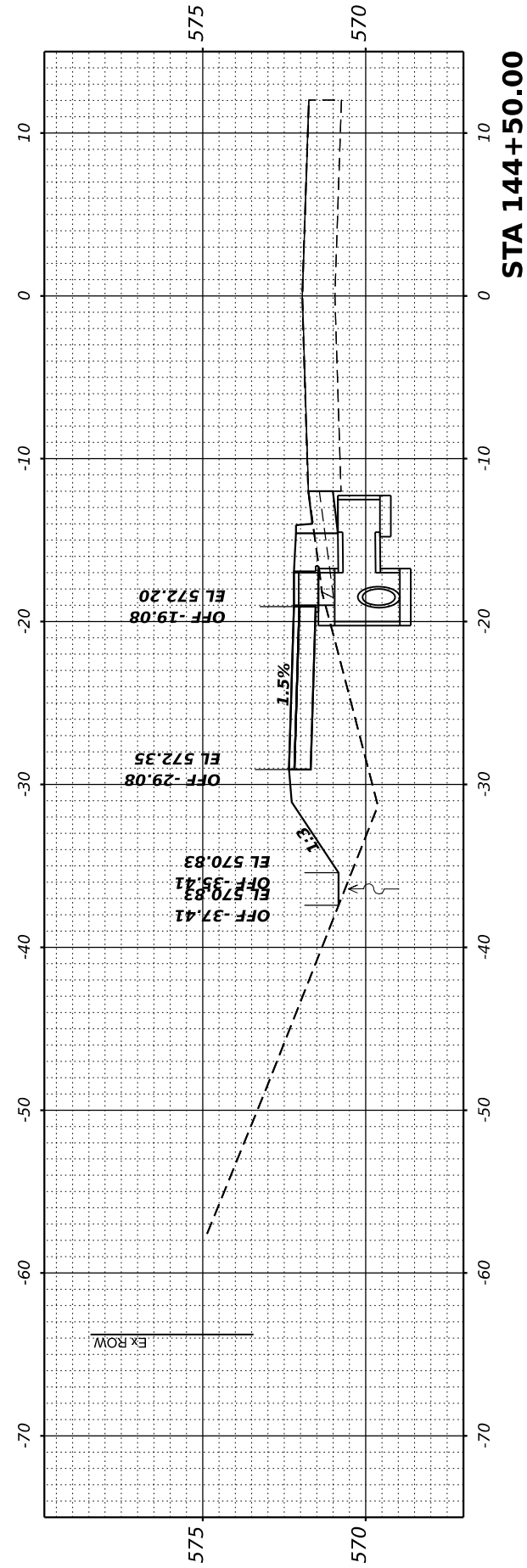
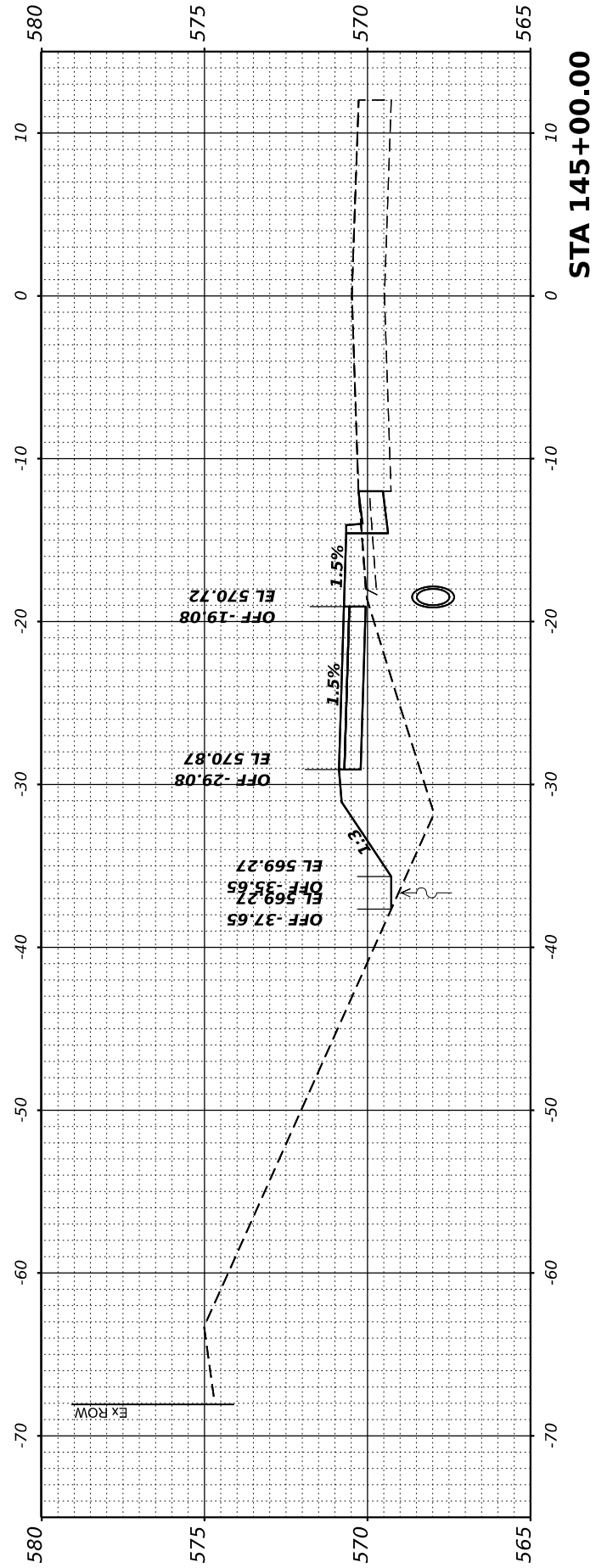
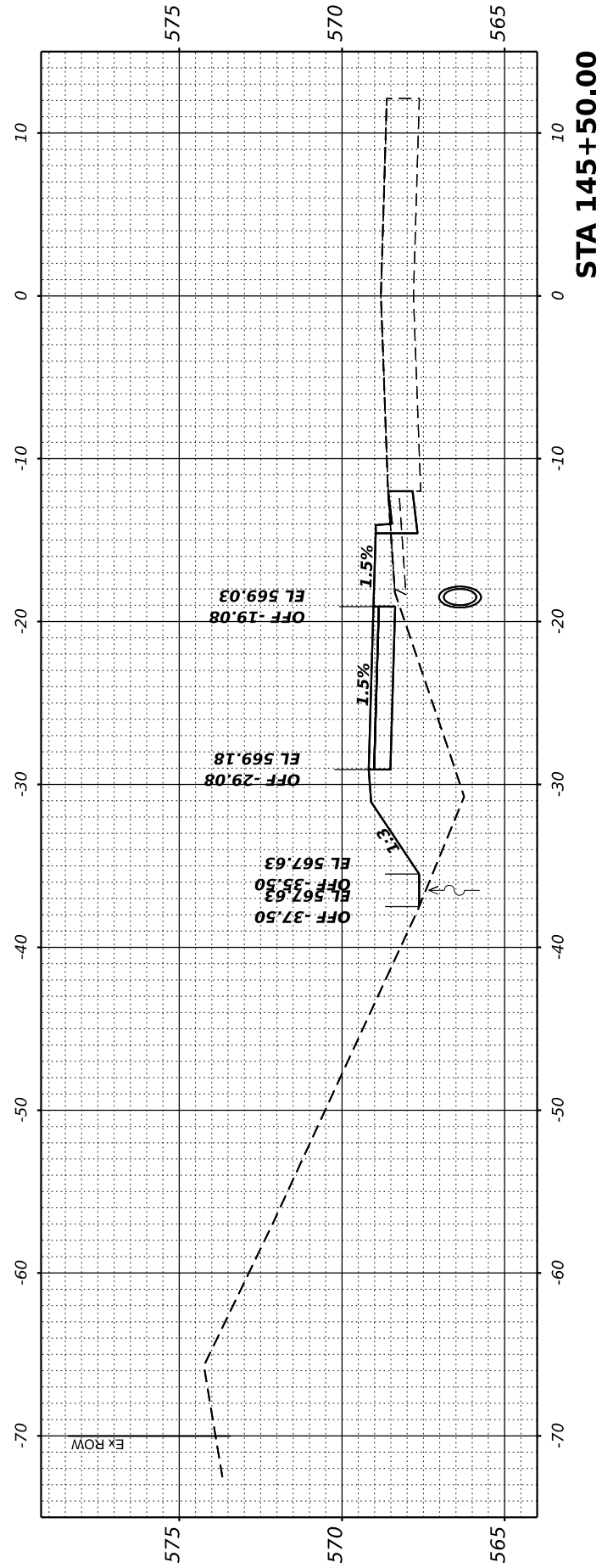
**OLD COLLINSVILLE ROAD TRAIL PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	53
CONTRACT NO.		

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

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

MODEL: EX\_OCR\_CL\_144+50.00  
FILE NAME: P:\2023\1844\Phase 4\ CADD - DWG\4.7\_Tran\CADD\_Sheets\1844+1-Cross\_Section.dgn



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USER NAME = kostermiller  
PLOT SCALE = 0.16666692' / in.  
PLOT DATE = 3/19/2024

DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISED -  
REVISED -  
REVISED -  
REVISED -



**ST. CLAIR COUNTY TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET 6 OF 29 SHEETS STA. 146+00.00 TO STA. 147+00.00

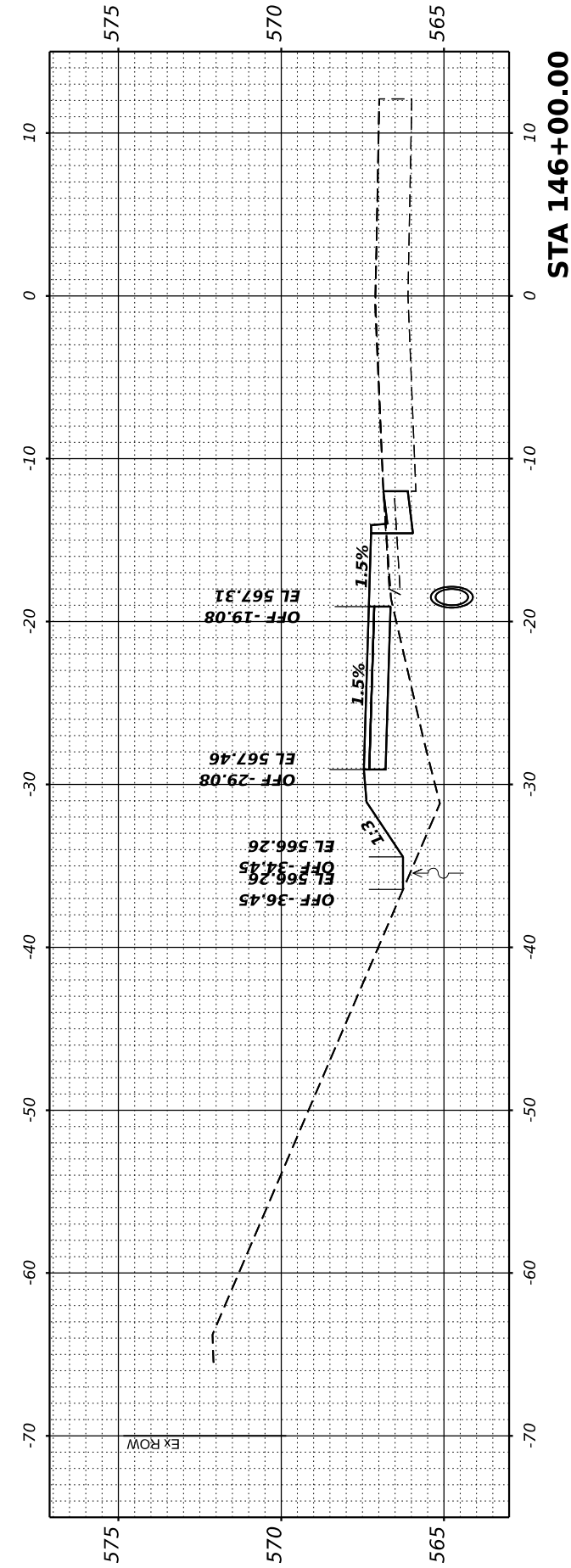
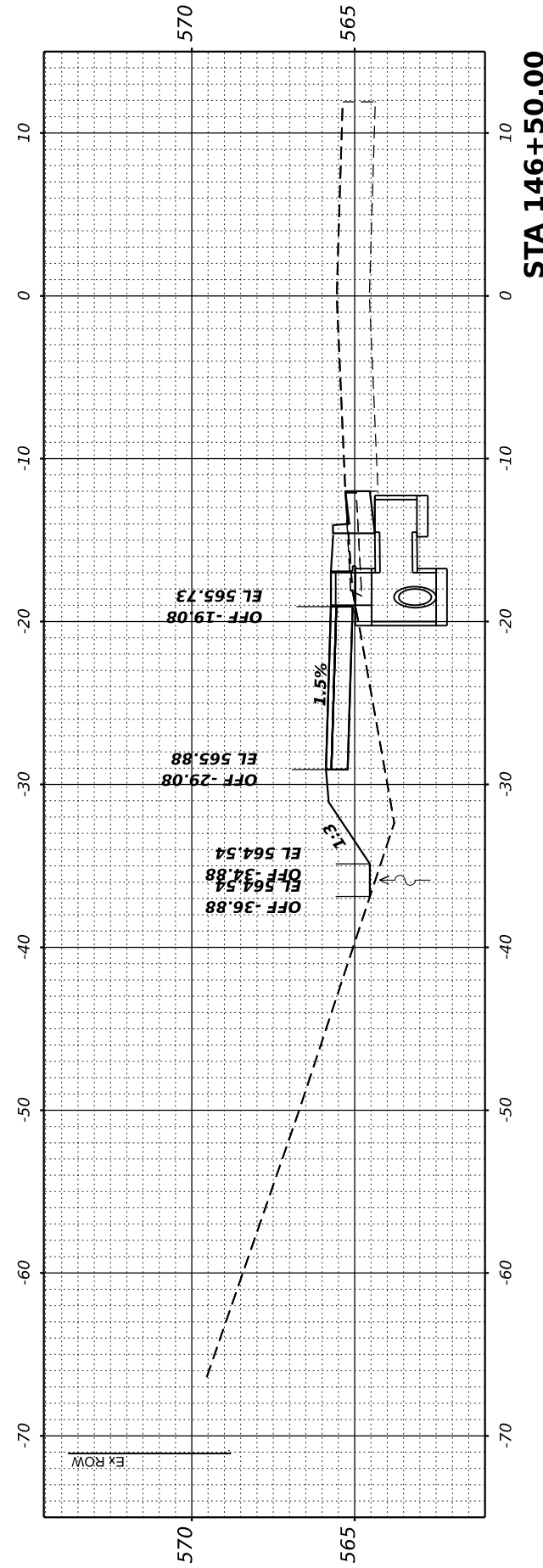
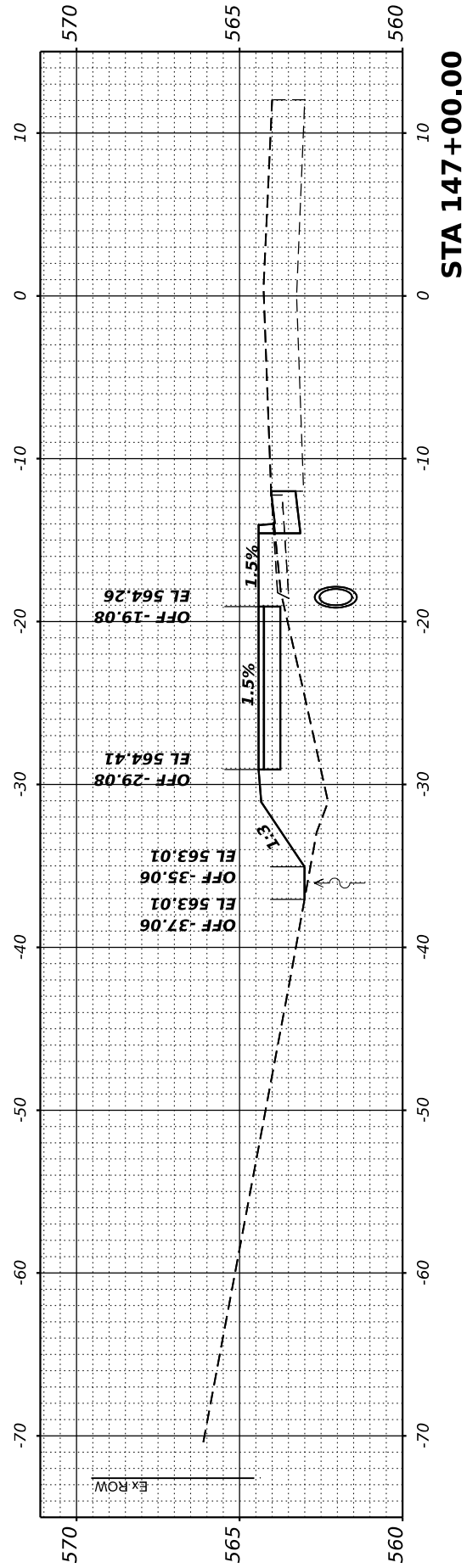
**OLD COLLINSVILLE ROAD TRAIL PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	54
CONTRACT NO.		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 146+00.00  
 FILE NAME: P:\2018\1804\1Phase 4\1\_CADD - DWG\4.7\_Tran\CADD\_Sheets\1804+1-Cross\_Section3.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 0.16666692" / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10'    SHEET 7 OF 29 SHEETS    STA. 146+00.00 TO STA. 147+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	55
CONTRACT NO.		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE

MODEL: EX OCR CL - 147+50.00  
 FILE NAME: P:\2023\184\1\Phase 4\ CADD - DWG\4.7 Tran\CADD\_Sheets\184\41-Cross\_Section.dgn



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 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME =	kostermiller
DESIGNED -	KMO
DRAWN -	BAB
CHECKED -	JWS
DATE -	XX/XX/XXXX
PLOT SCALE =	0.16666692' / in.
PLOT DATE =	3/19/2024

DESIGNED -	KMO	REVISED -	
DRAWN -	BAB	REVISED -	
CHECKED -	JWS	REVISED -	
DATE -	XX/XX/XXXX	REVISED -	



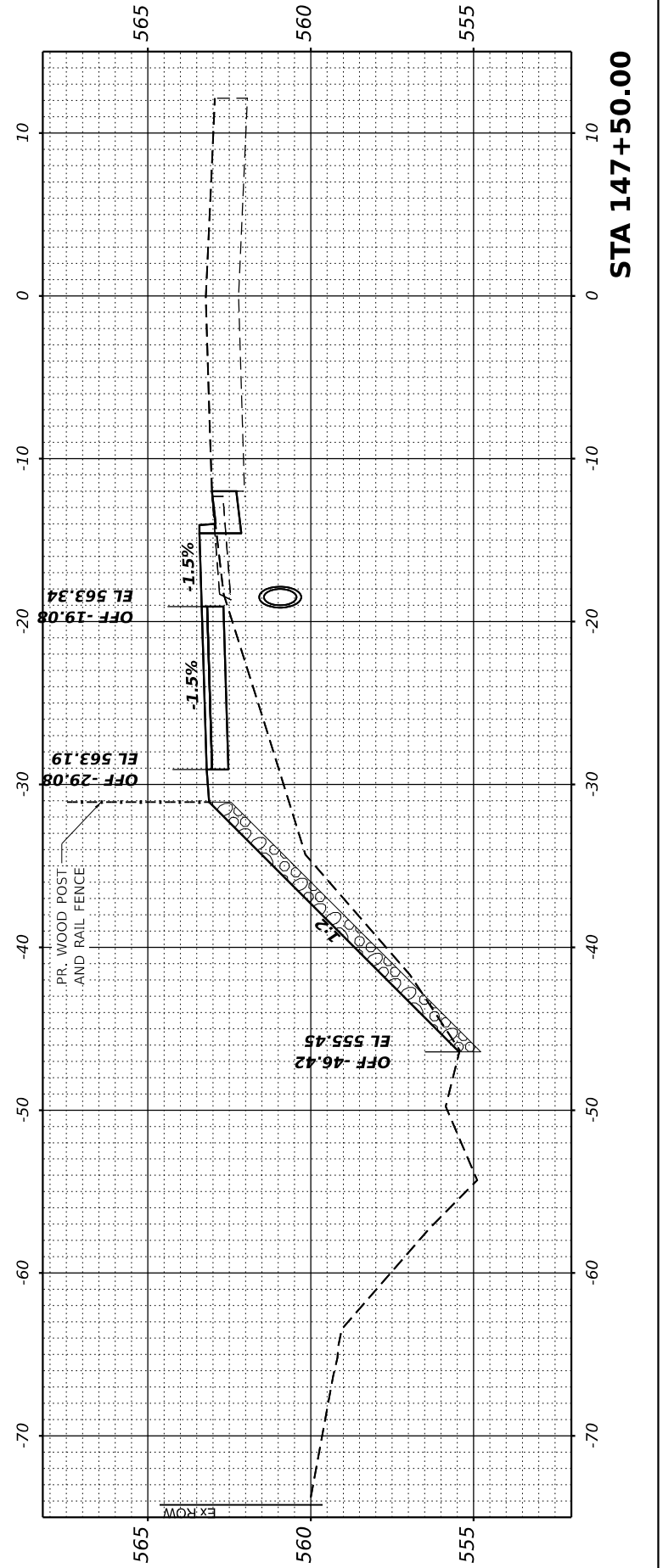
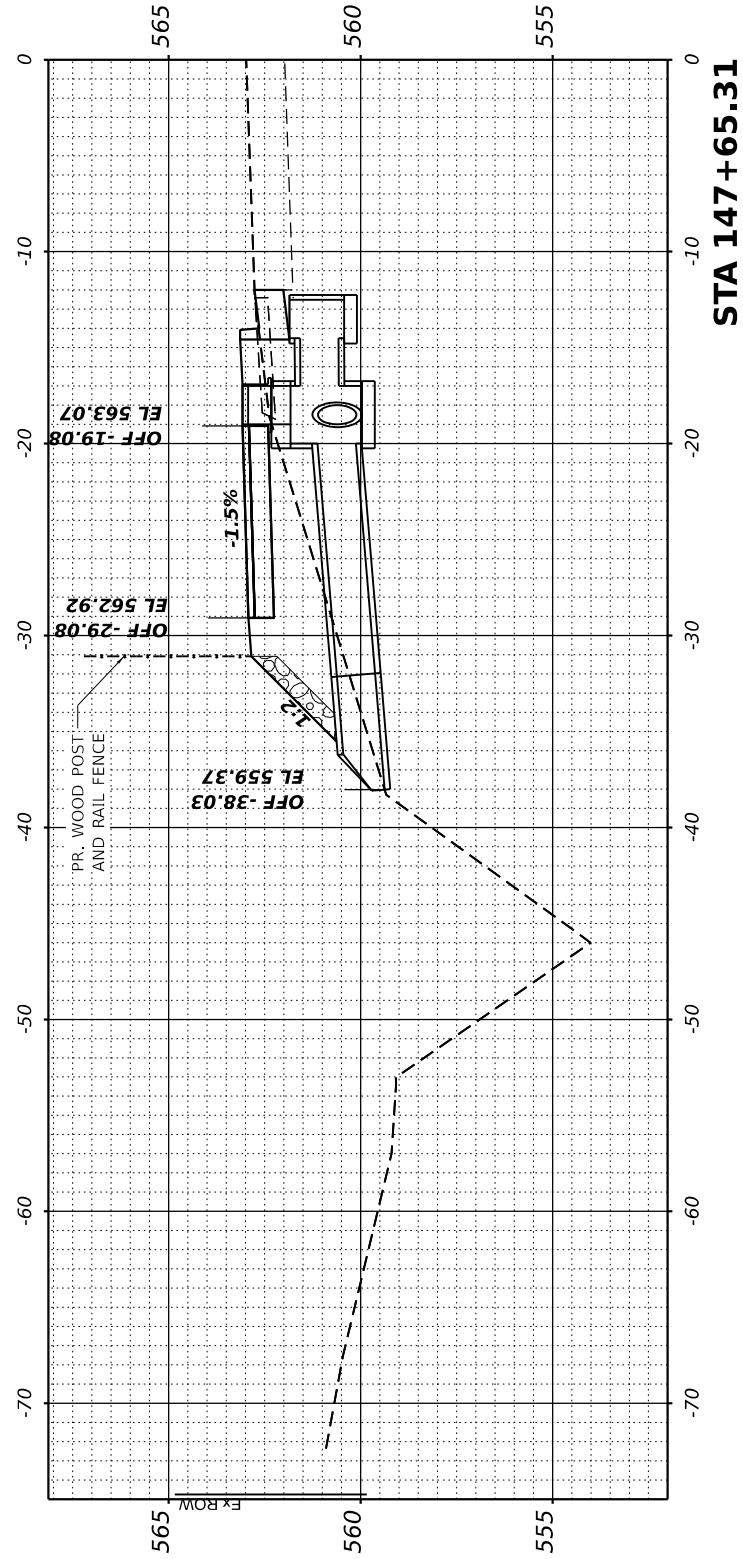
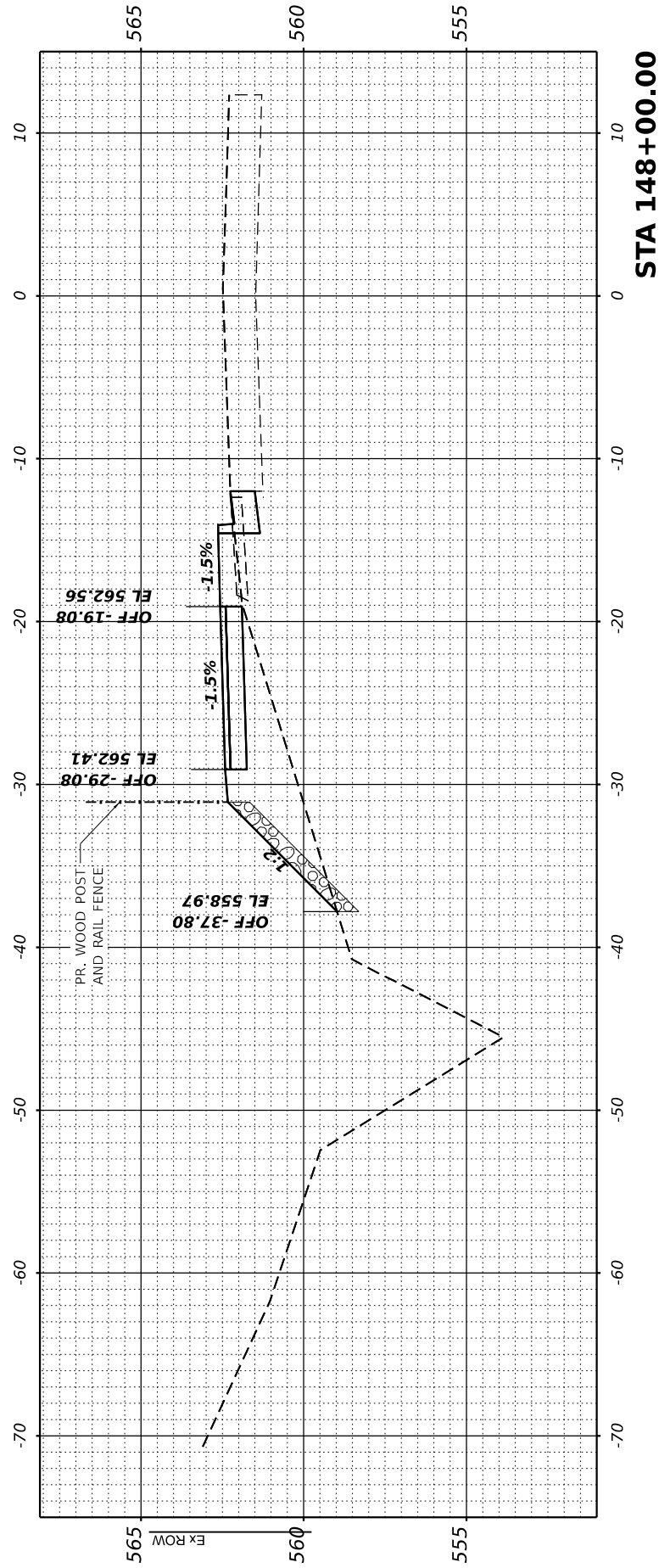
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10'      SHEET 8 OF 29 SHEETS      STA. 147+50.00 TO STA. 148+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	56
CONTRACT NO.		

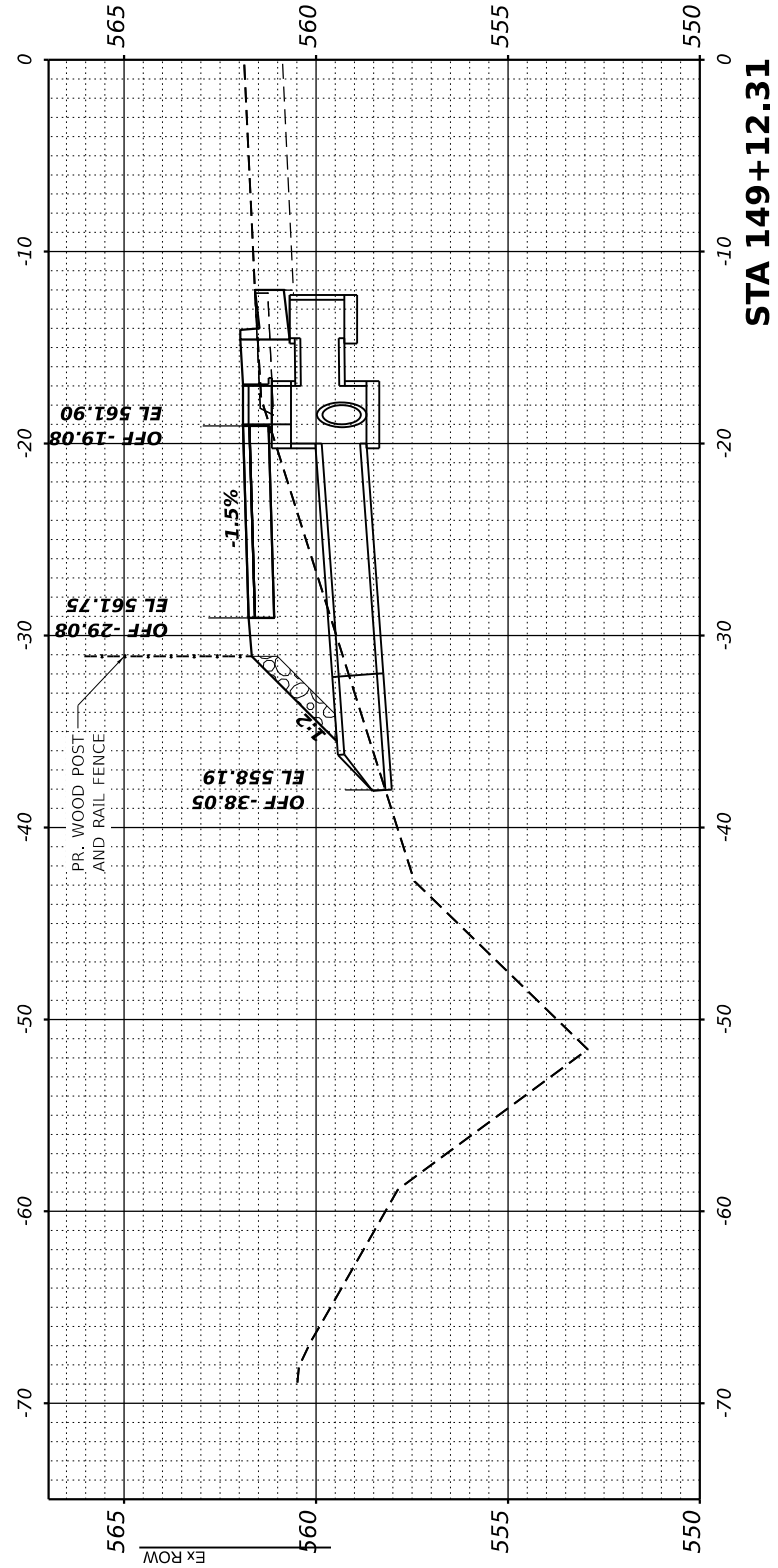




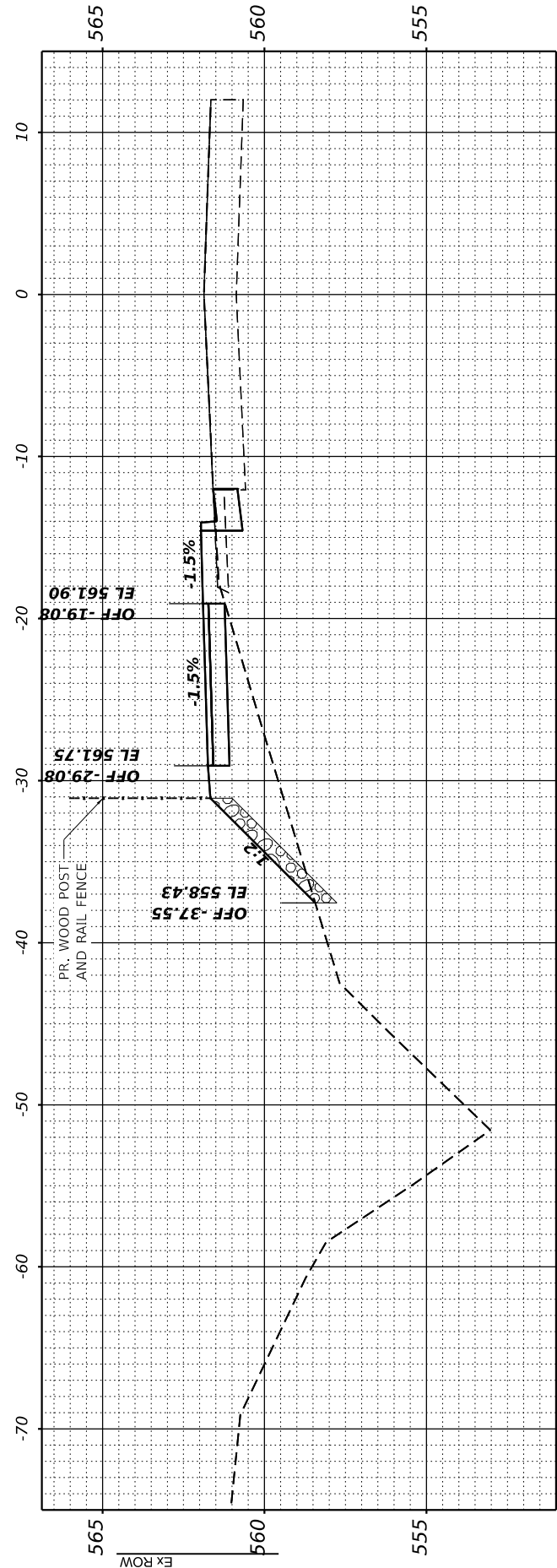
FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

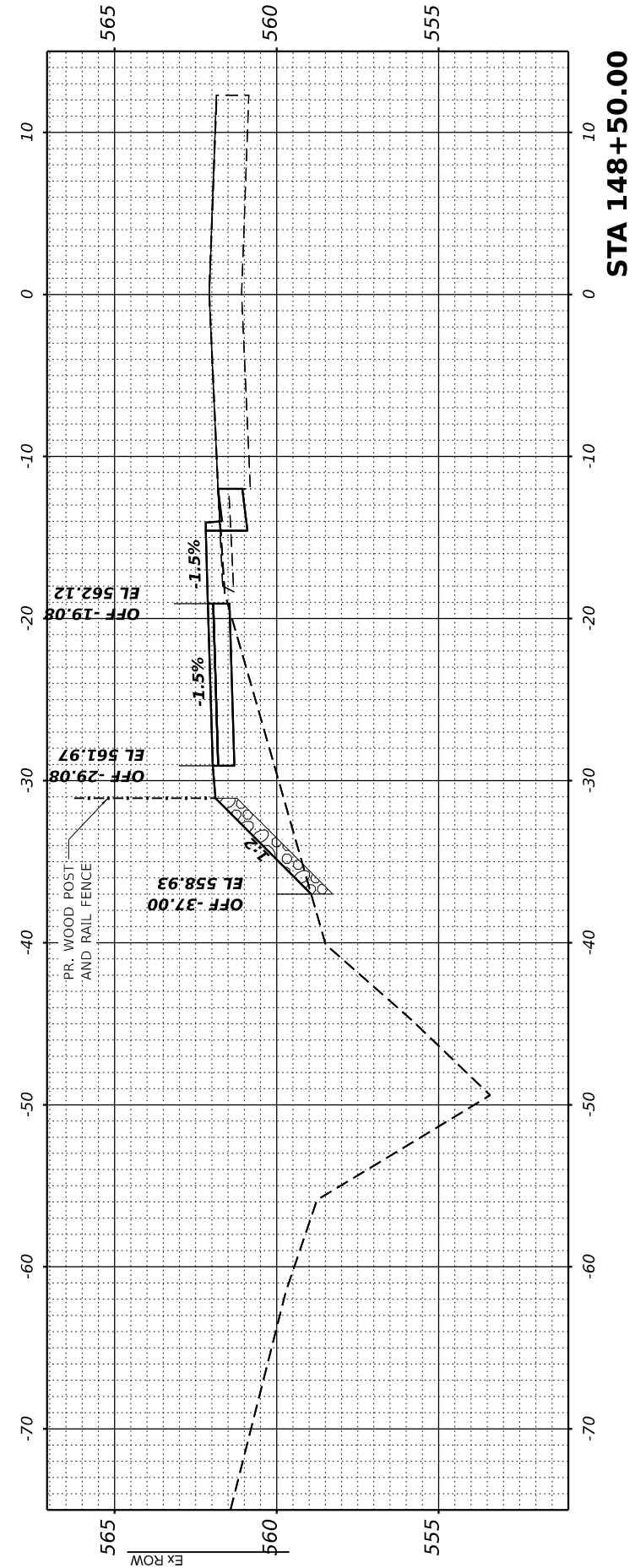
MODEL: EX\_OCR\_CL - 148+50.00  
 FILE NAME: P:\2023\1804\1Phase 4\1\_CADD - DWG\4.7\_Tran\CADD\_Sheets\1804+1-Cross\_Section1.dgn



STA 149+12.31



STA 149+00.00



STA 148+50.00



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 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME =	kostermiller
PLOT SCALE =	0.16666692' / in.
PLOT DATE =	3/19/2024

DESIGNED -	KMO	REVISED -	
DRAWN -	BAB	REVISED -	
CHECKED -	JWS	REVISED -	
DATE -	XX/XX/XXXX	REVISED -	



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10'      SHEET 9 OF 29 SHEETS      STA. 148+50.00 TO STA. 149+12.31

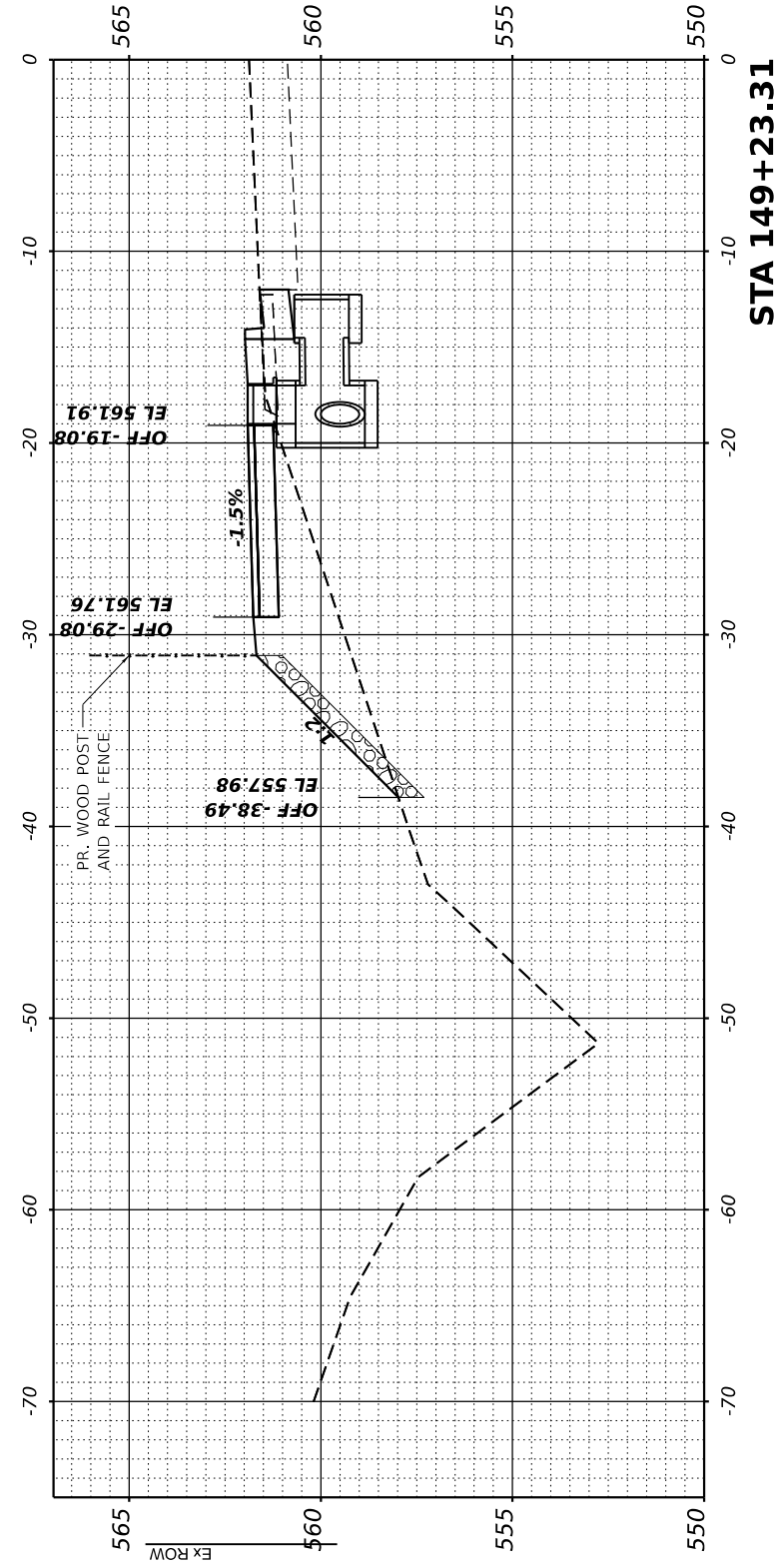
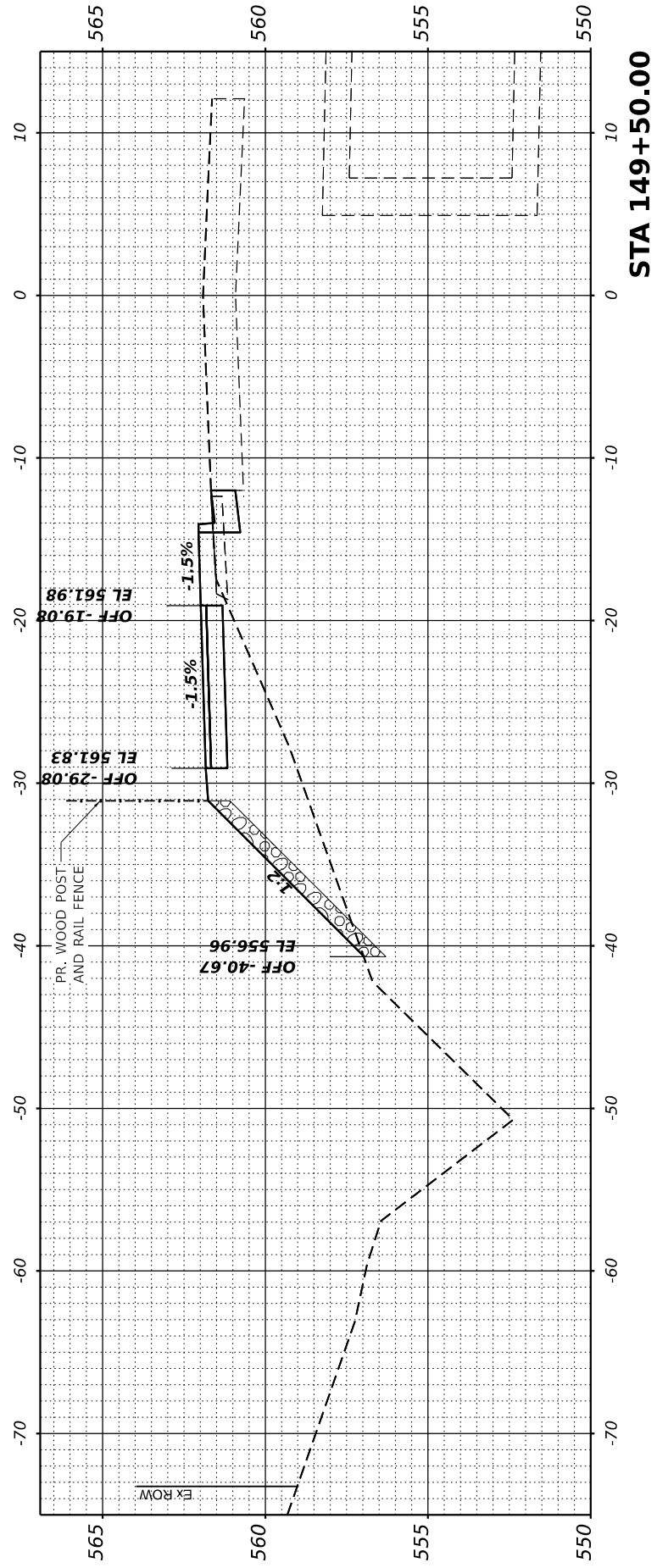
**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	57
CONTRACT NO.		

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

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

MODEL: EX\_OCR\_CL - 149+23.31  
 FILE NAME: P:\2023\184\1\Phase 4\ CADD - DWG\4.7\_Tran\CADD\_Sheets\184\41-Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 0.16666692' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET 10 OF 29 SHEETS STA. 149+23.31 TO STA. 149+50.00

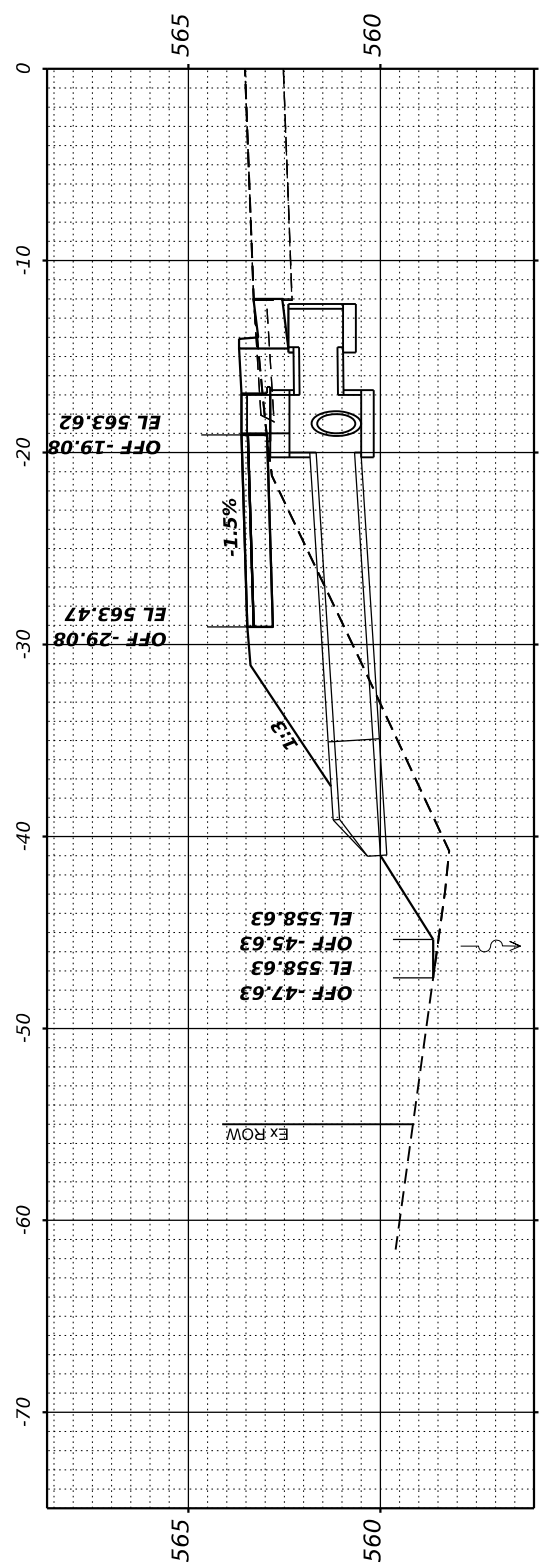
**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	58
CONTRACT NO.		

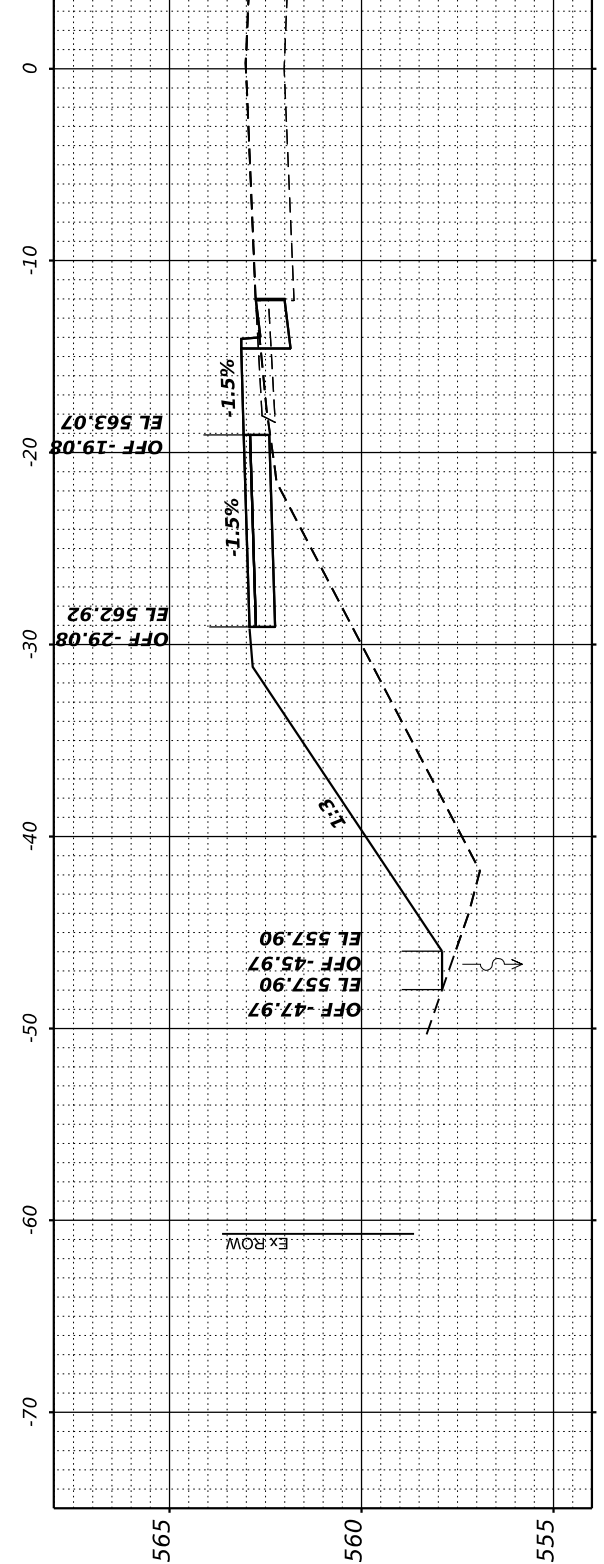
FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

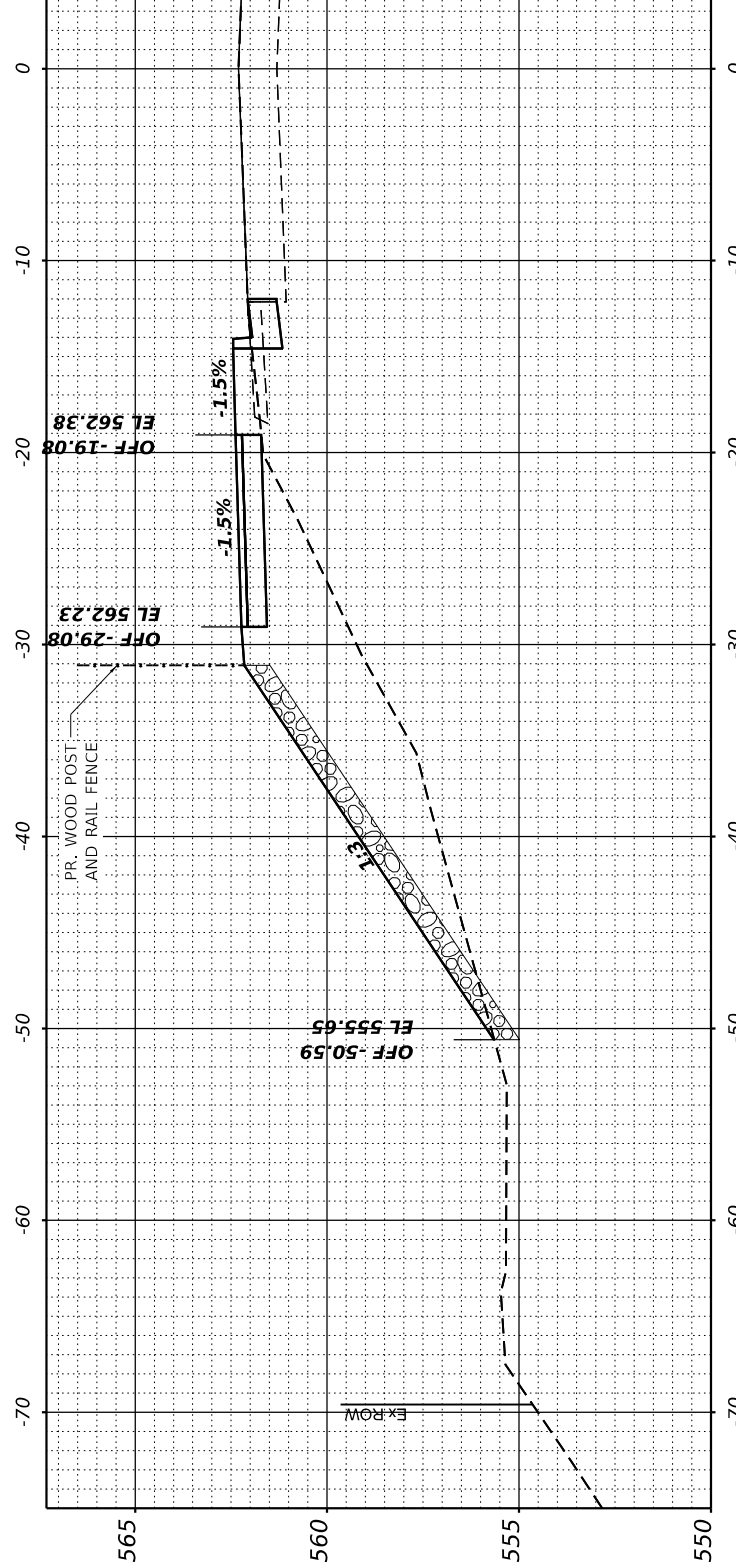
MODEL: EX\_OCR\_CL - 149+57.48  
 FILE NAME: P:\2023\184\1\Phase 4\ CADD - DWG\4.7\_Tran\CADD\_Sheets\184\41-Cross\_Section.dgn



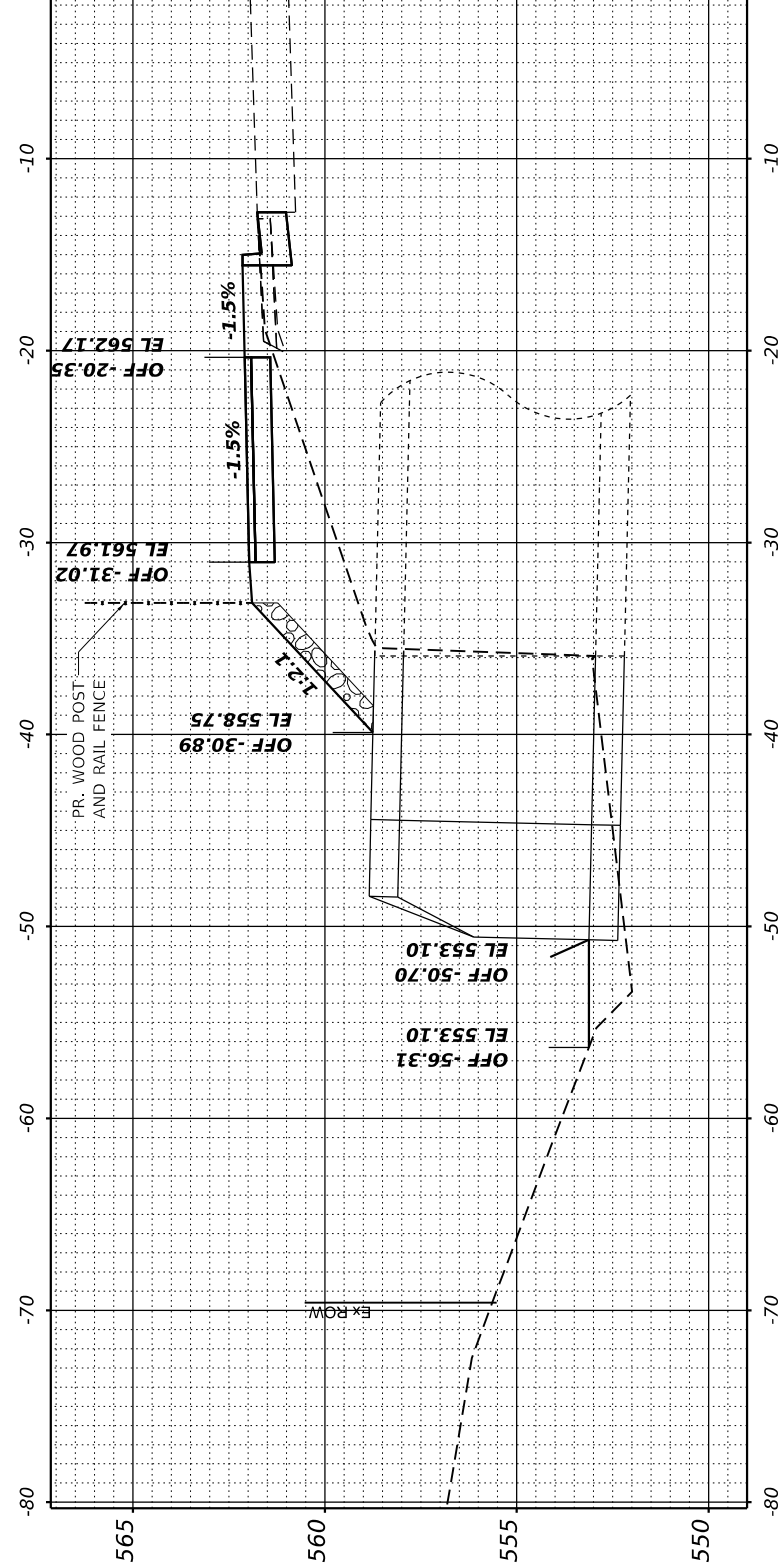
STA 150+78.31



STA 150+50.00



STA 150+00.00



9' X 5' CONCRETE BOX CULVERT EXTENSION - LT SKEWED - STA 149+57.48



**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME	= kostermiller
PLOT SCALE	= 0.16666692' / in.
PLOT DATE	= 3/19/2024

DESIGNED	- KMO	REVISED	-
DRAWN	- BAB	REVISED	-
CHECKED	- JWS	REVISED	-
DATE	- XX/XX/XXXX	REVISED	-



**ST. CLAIR COUNTY TRANSIT DISTRICT**

SCALE: 1"=10'

SHEET 11 OF 29 SHEETS STA. TO STA.

**CROSS SECTIONS**

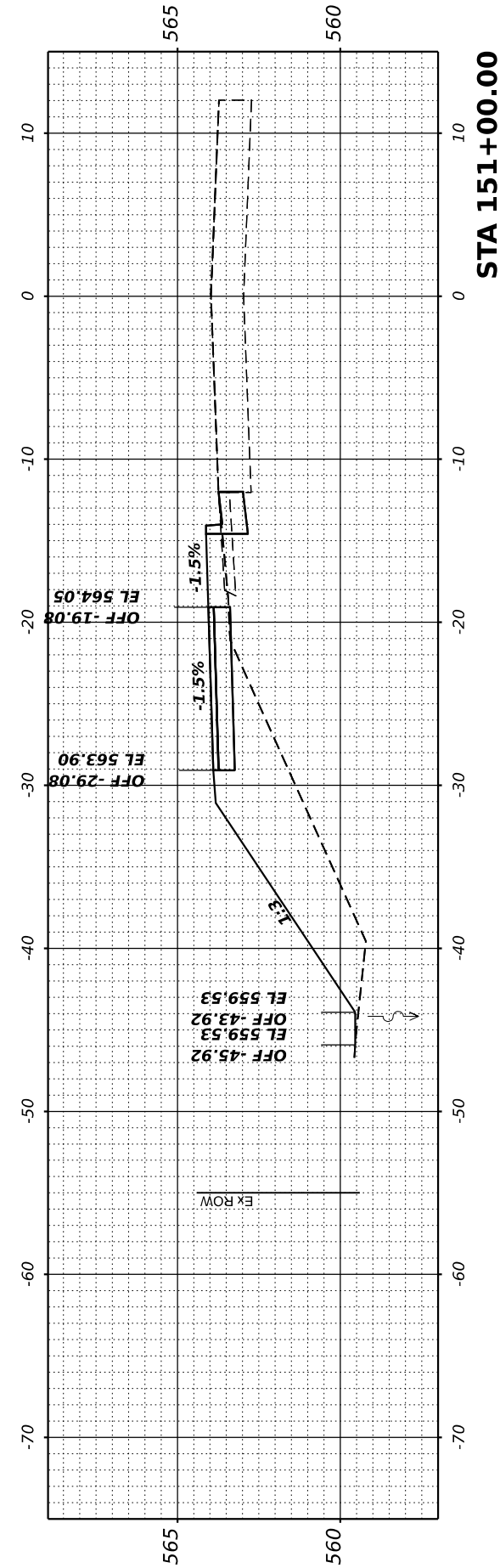
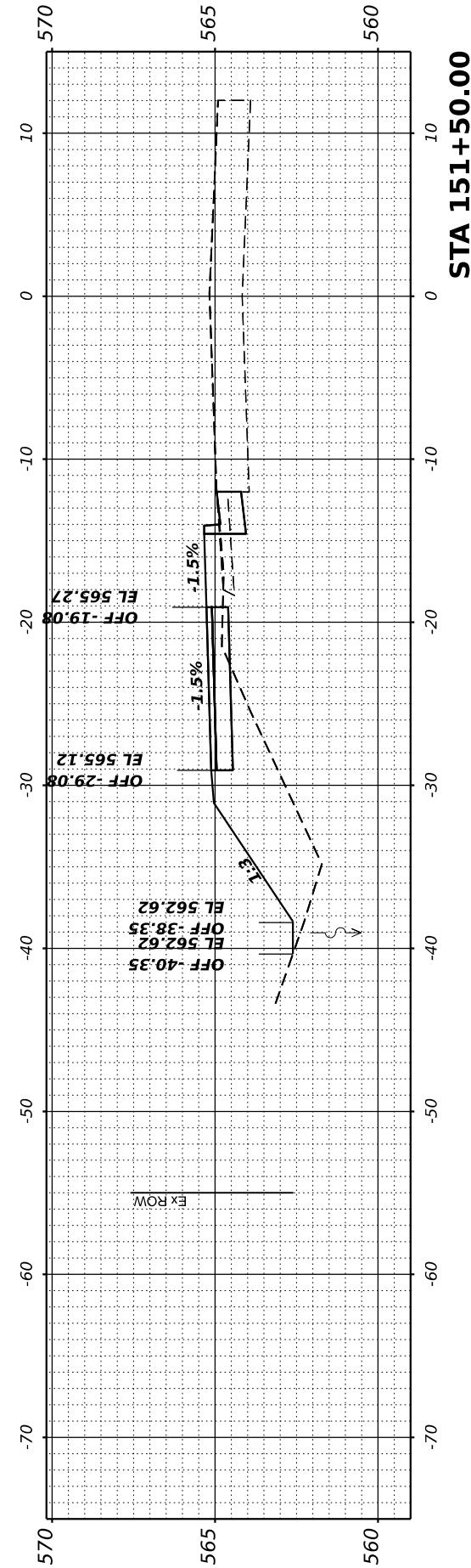
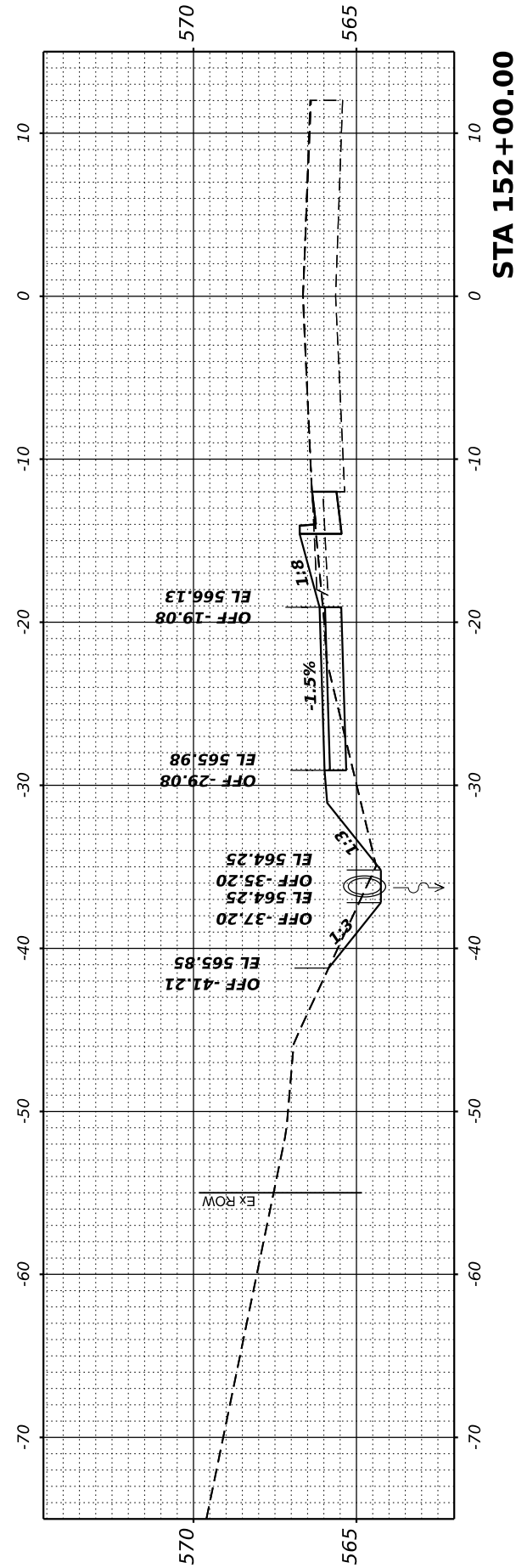
**OLD COLLINSVILLE ROAD TRAIL PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	59
CONTRACT NO.		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 151+00.00  
 FILE NAME: P:\2020\1804\1Phase 4\1\_CADD - DWG\4.7\_Tran\CADD\_Sheets\1804-1-Cross\_Section3.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 0.16666692' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10'    SHEET 12 OF 29 SHEETS    STA. 151+00.00 TO STA. 152+00.00

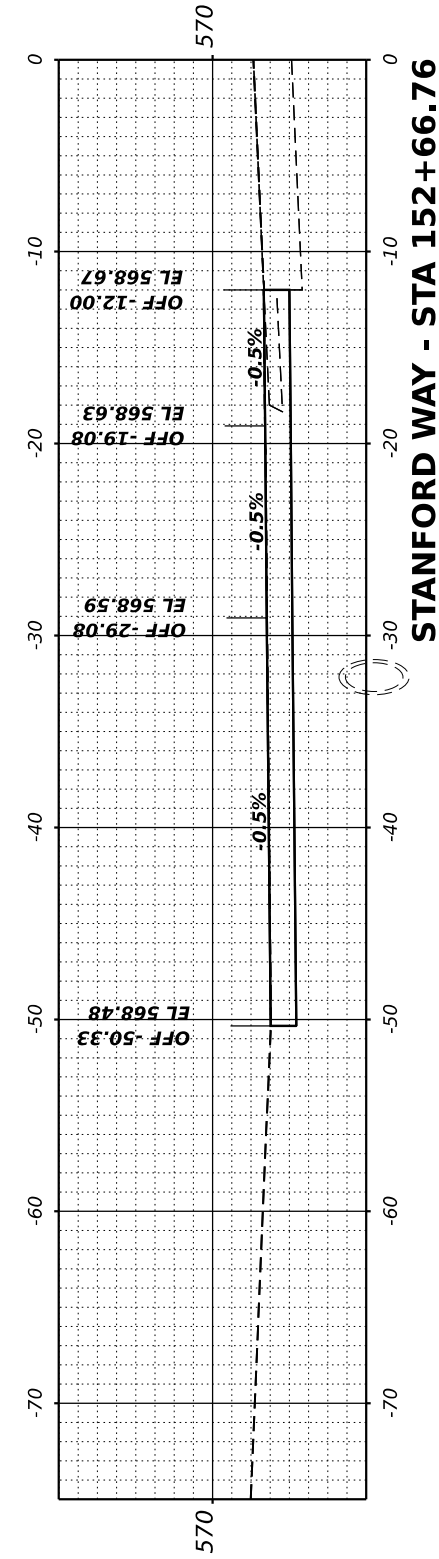
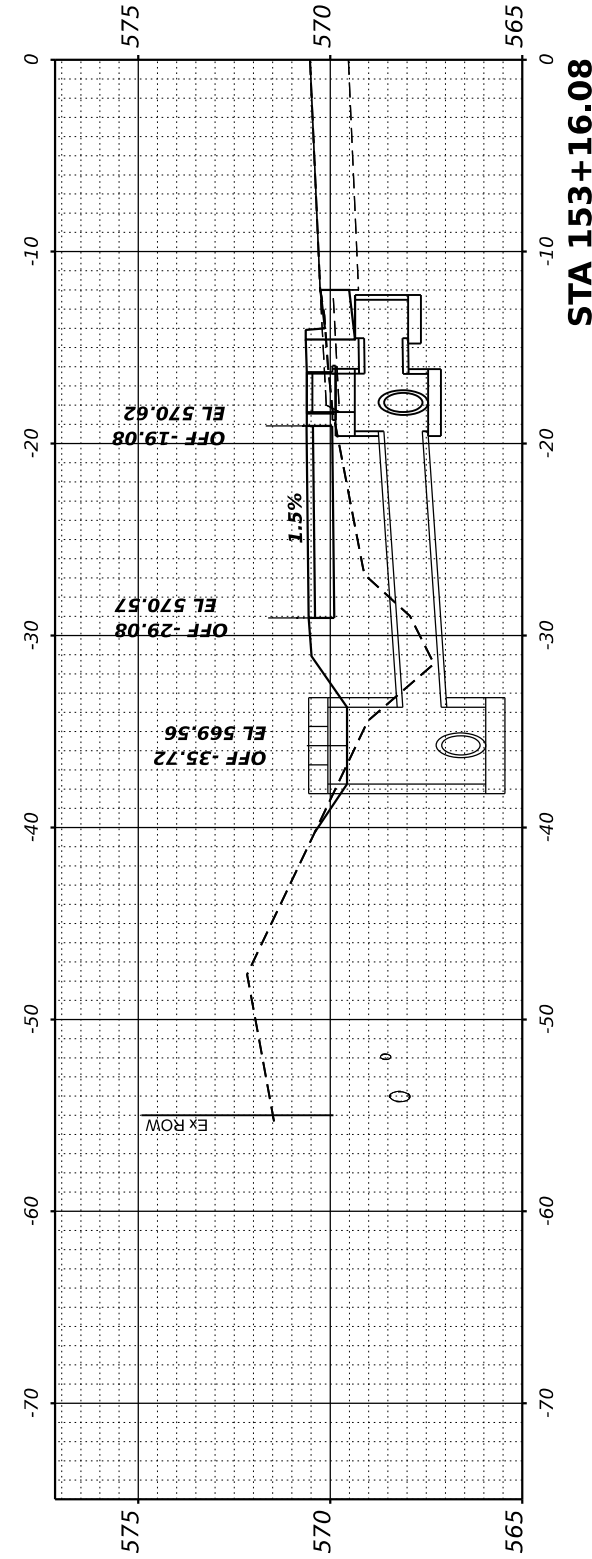
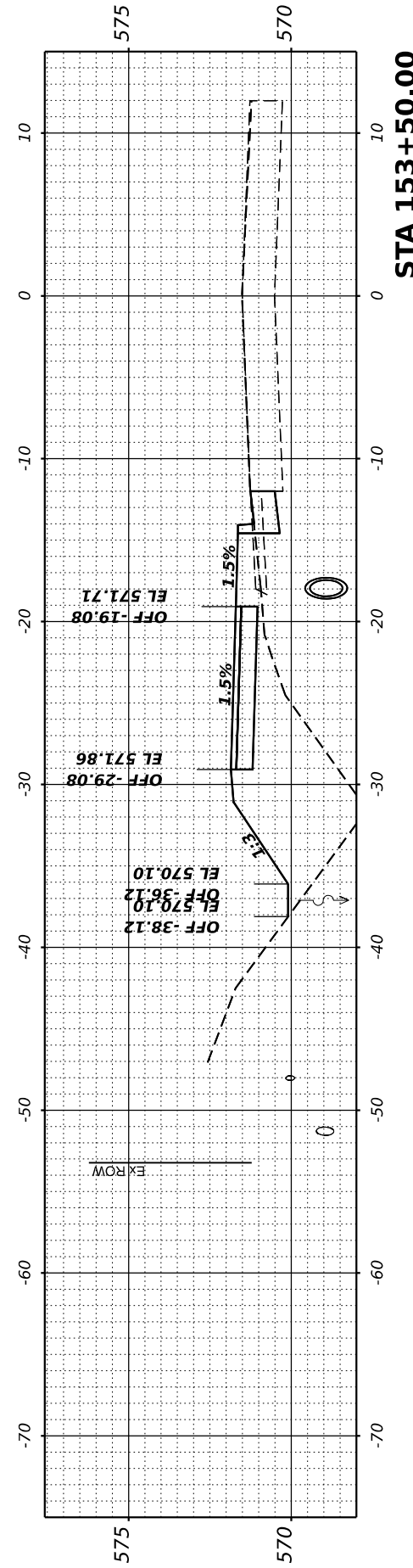
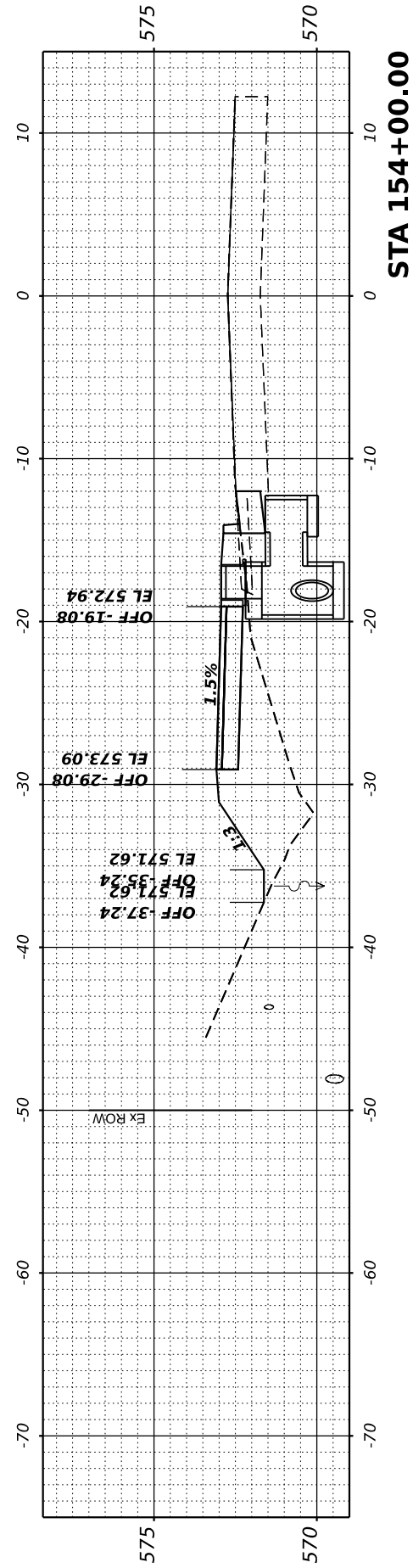
**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	60
CONTRACT NO.		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 152+66.76  
 FILE NAME: P:\2018\1804\1Phase 4\1\_CADD - DWG\4.7\_Tran\CADD\_Sheets\1804\1-Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= kostermiller
PLOT SCALE	= 0.16666692' / in.
PLOT DATE	= 3/19/2024

DESIGNED	- KMO
DRAWN	- BAB
CHECKED	- JWS
DATE	- XX/XX/XXXX

REVISED	-
REVISED	-
REVISED	-
REVISED	-



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET 13 OF 29 SHEETS STA. 152+66.76 TO STA. 154+00.00

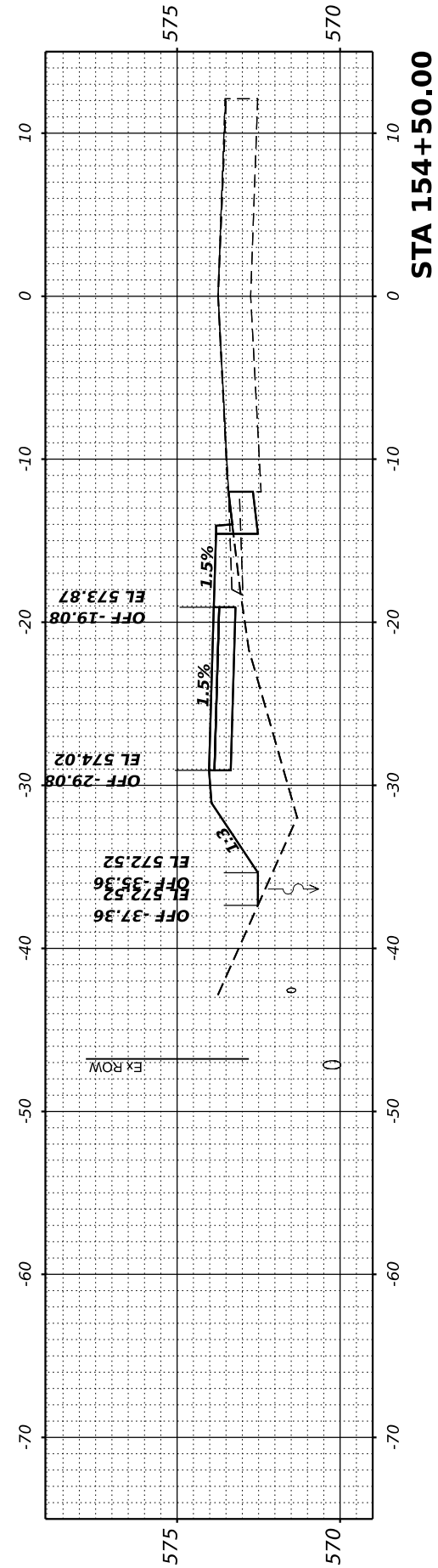
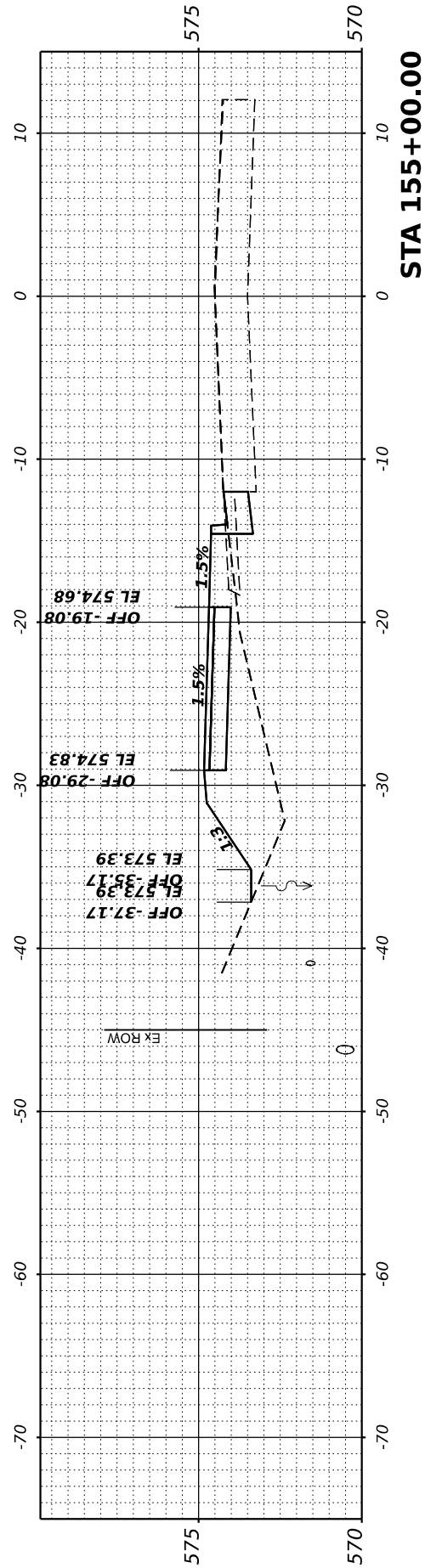
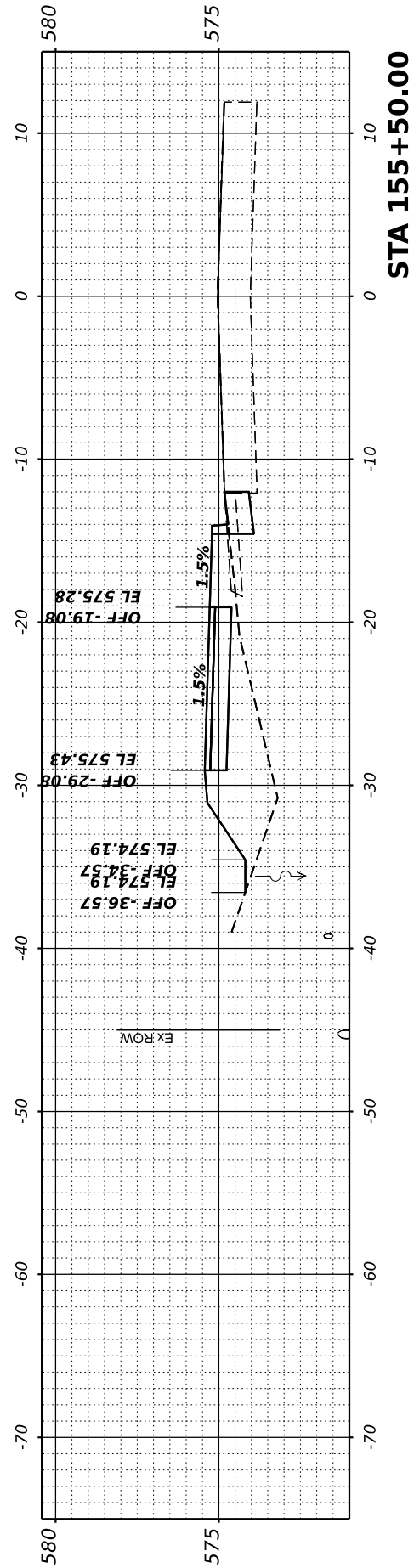
**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	61
CONTRACT NO.		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX OCR CL - J34+47.13  
 FILE NAME: P:\2018\1804\1\Phase 4\ CADD - DWG\4.7 Tran\CADD\_Sheets\1804\1-Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 0.16666692' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10'      SHEET 14 OF 29 SHEETS      STA. 154+50.00 TO STA. 155+50.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	62
CONTRACT NO.		

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

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

MODEL: EX\_OCR\_CL - 156+00.00  
 FILE NAME: P:\2024\156+00+1\Phase 4\1\_CADD - DWG\4.7\_Tran\CADD\_Sheets\156+00+1\_Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= kostermiller	DESIGNED	- KMO	REVISED	-
PLOT SCALE	= 0.16666692' / in.	DRAWN	- BAB	REVISED	-
PLOT DATE	= 3/19/2024	CHECKED	- JWS	REVISED	-
		DATE	- XX/XX/XXXX	REVISED	-



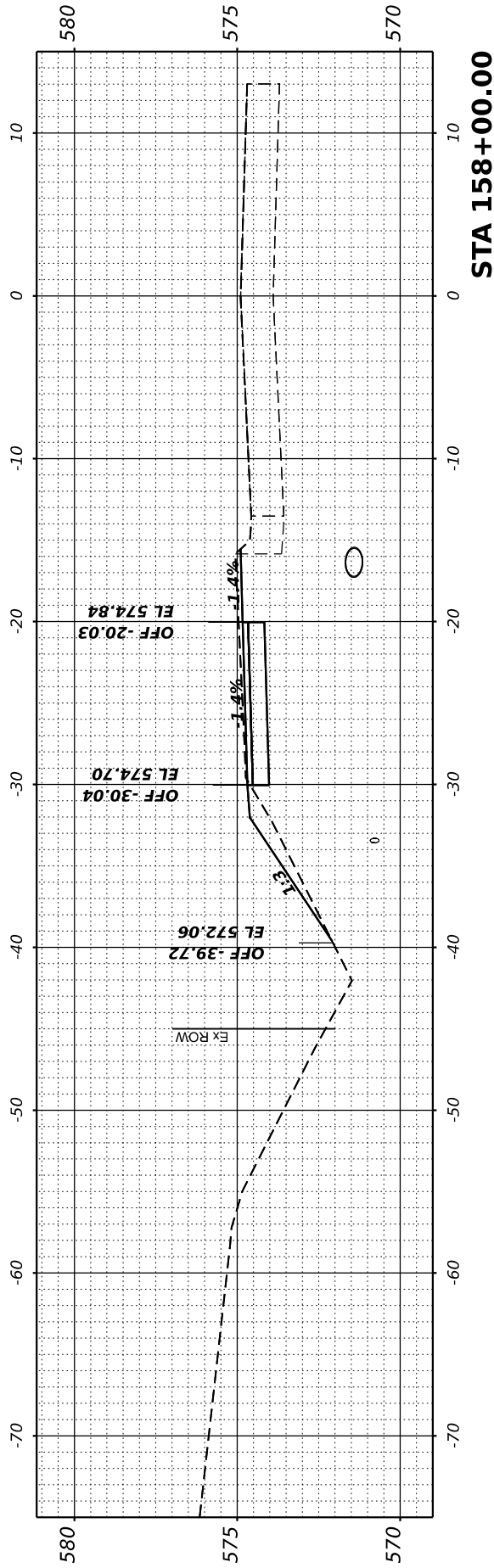
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

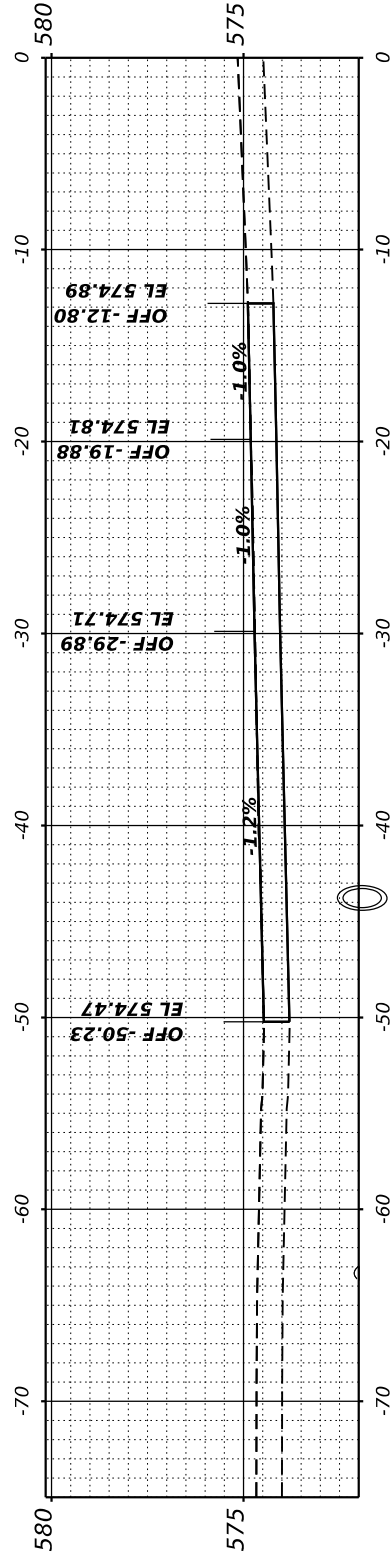
SCALE: 1"=10'      SHEET 15 OF 29 SHEETS      STA. 156+00.00 TO STA. 158+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	63
CONTRACT NO.		

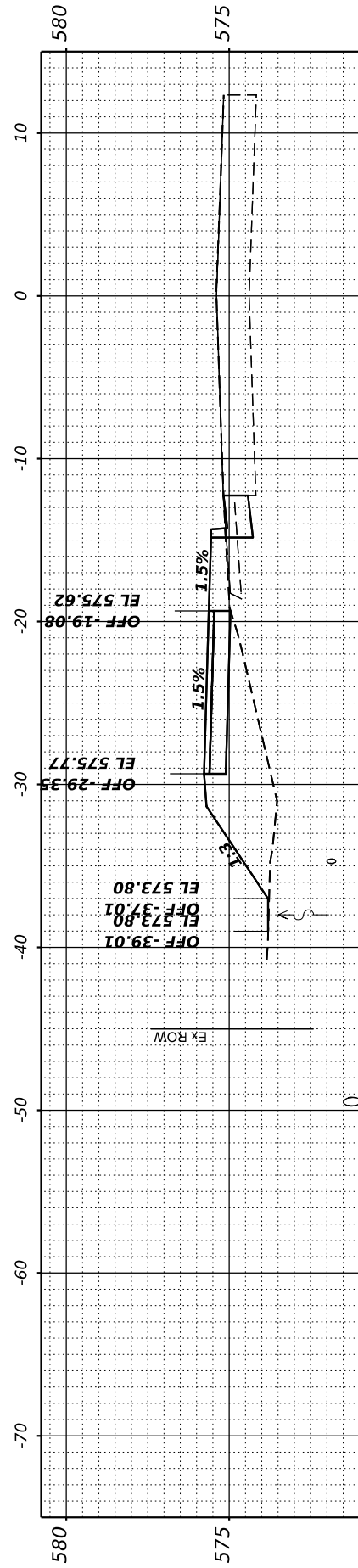


**STA 158+00.00**

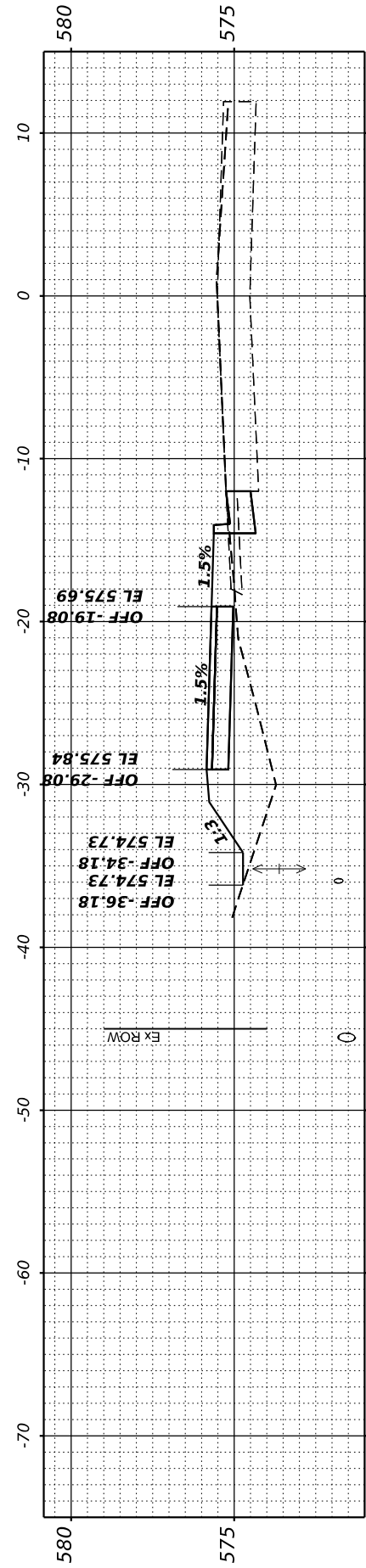


**COLUMBIA DR - STA 157+51.68**

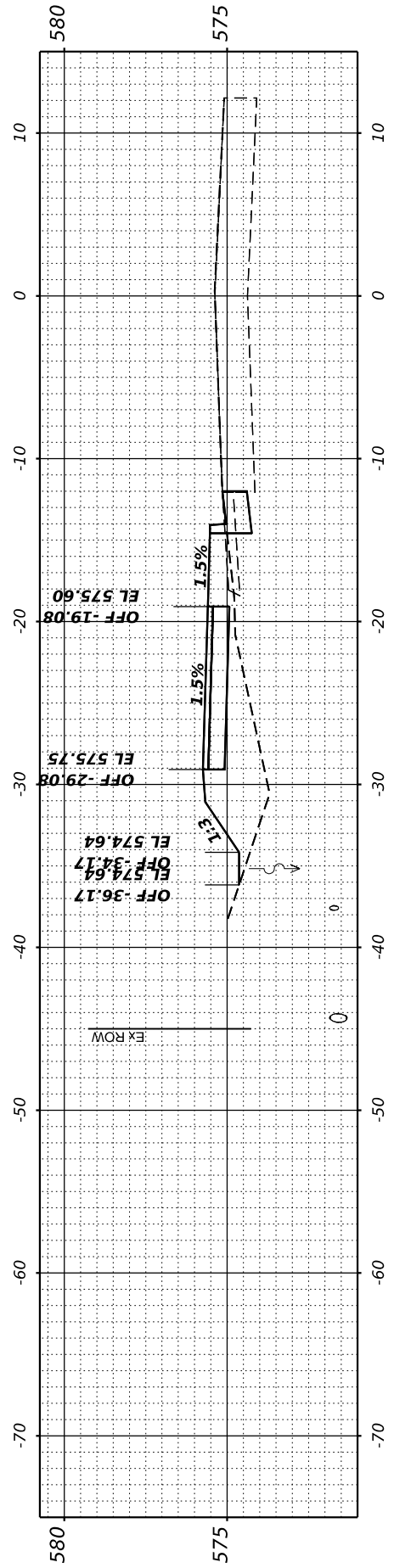
**STA 157+00.00**



**STA 156+50.00**



**STA 156+00.00**



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 158+50.00  
 FILE NAME: P:\2018\158+50\Phase 4\1\_CADD - DWG\4.7\_Tran\CADD\_Sheets\158+50+1-Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= kostermiller	DESIGNED	- KMO	REVISED	-
PLOT SCALE	= 0.16666692" / in.	DRAWN	- BAB	REVISED	-
PLOT DATE	= 3/19/2024	CHECKED	- JWS	REVISED	-
		DATE	- XX/XX/XXXX	REVISED	-



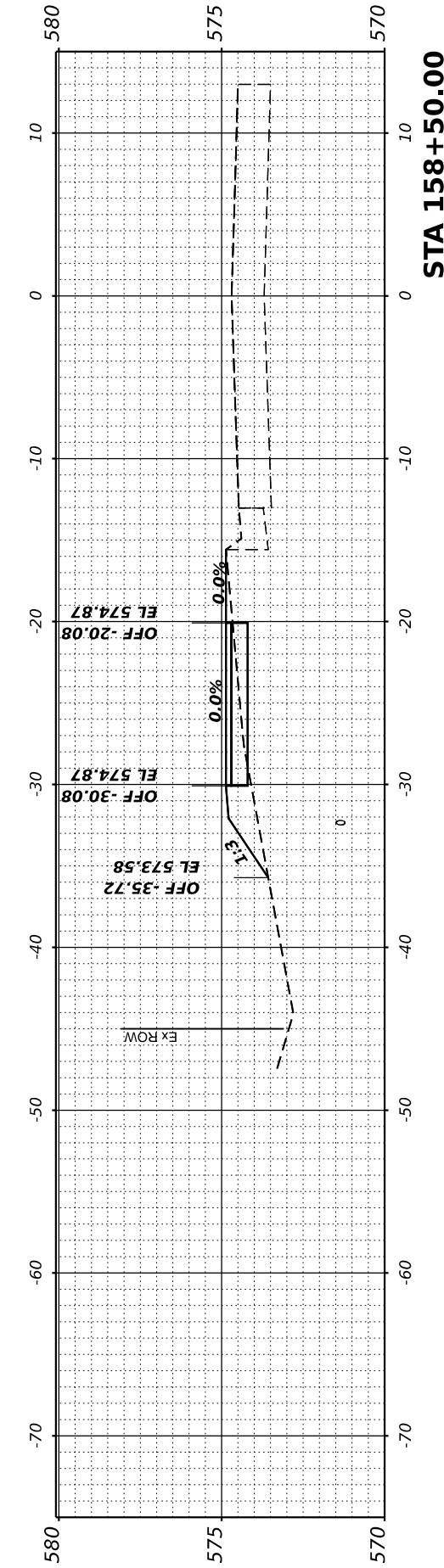
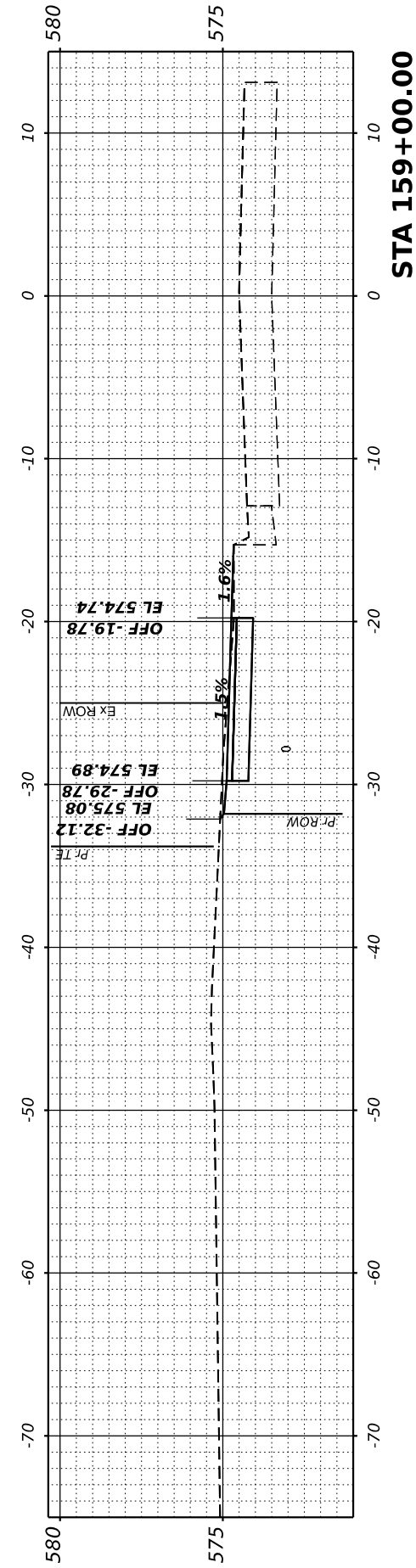
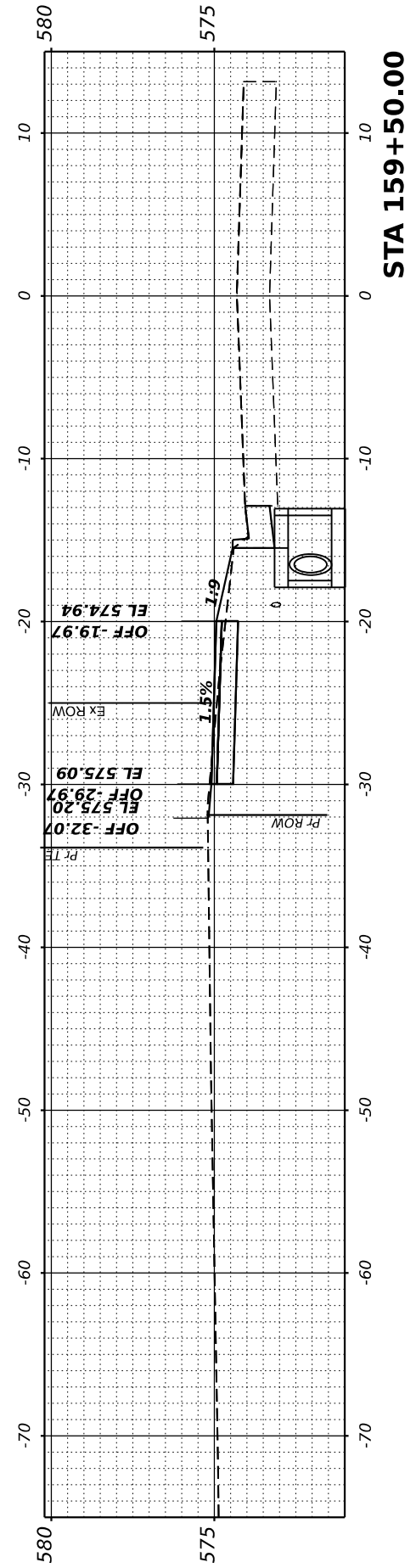
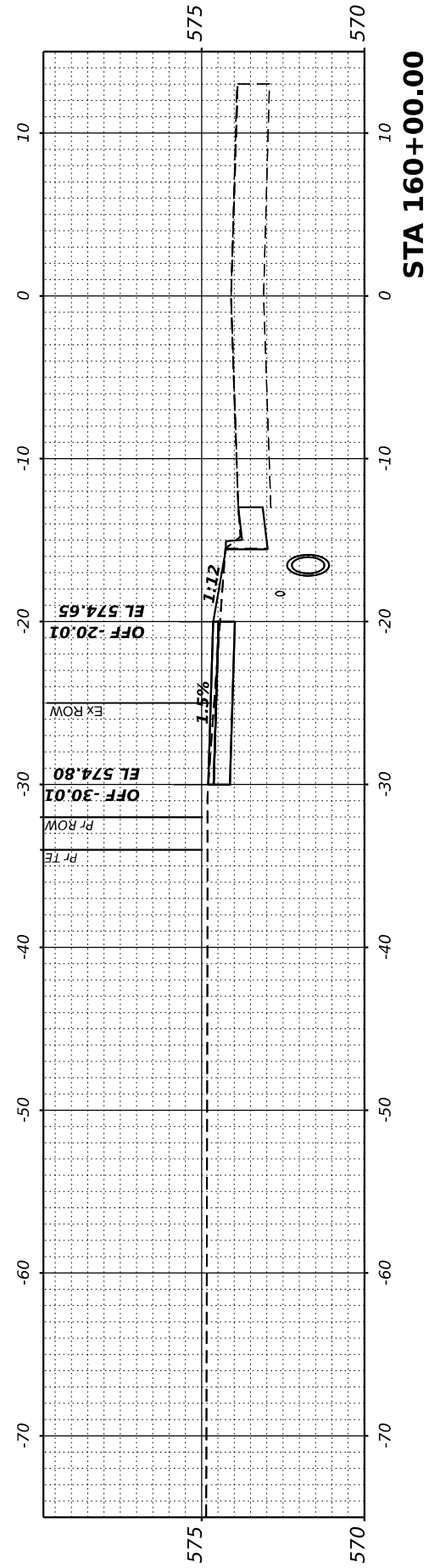
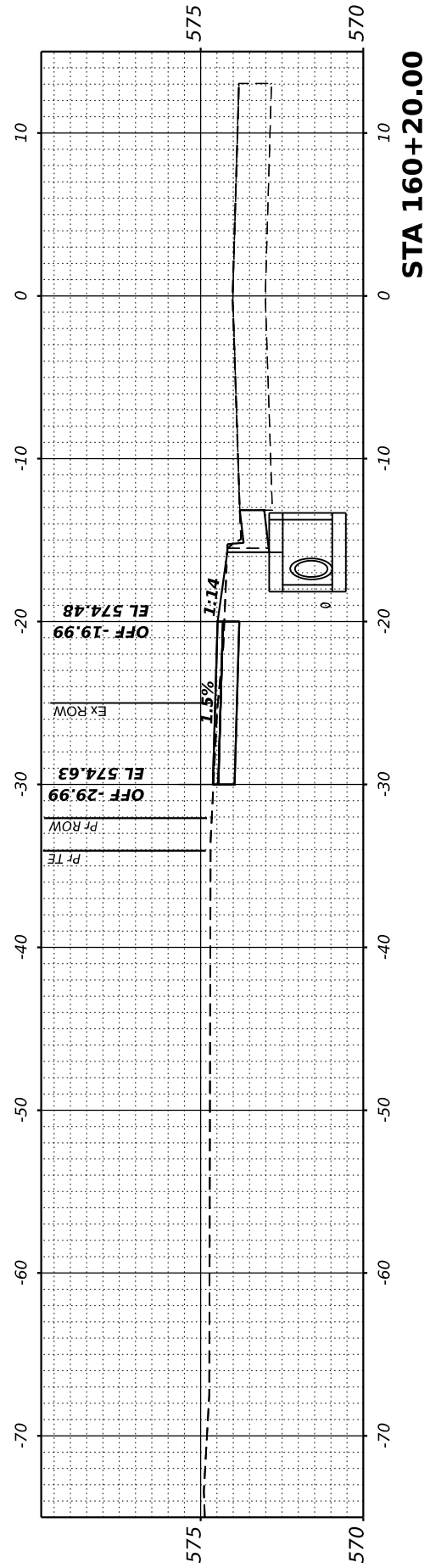
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10'      SHEET 16 OF 29 SHEETS      STA. 158+50.00 TO STA. 160+20.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	64
CONTRACT NO.		

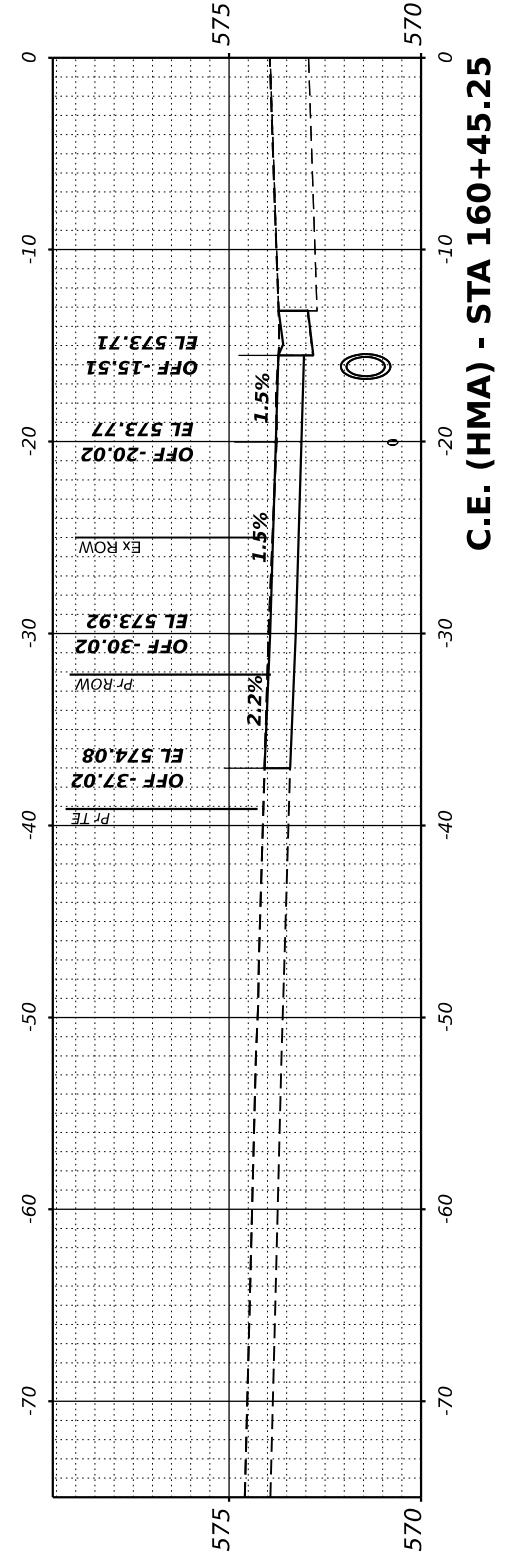
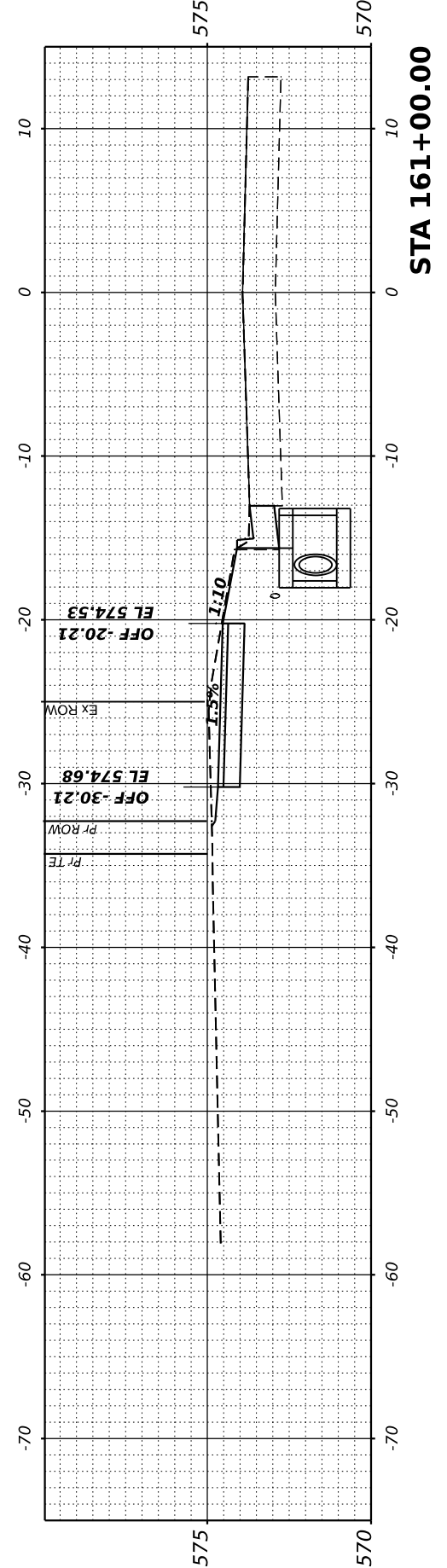
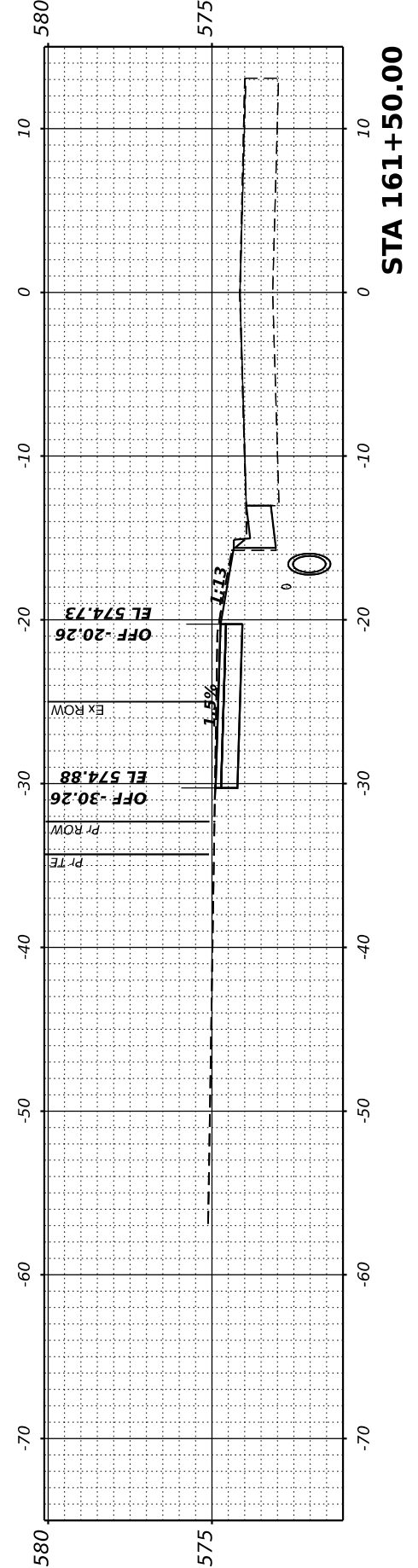
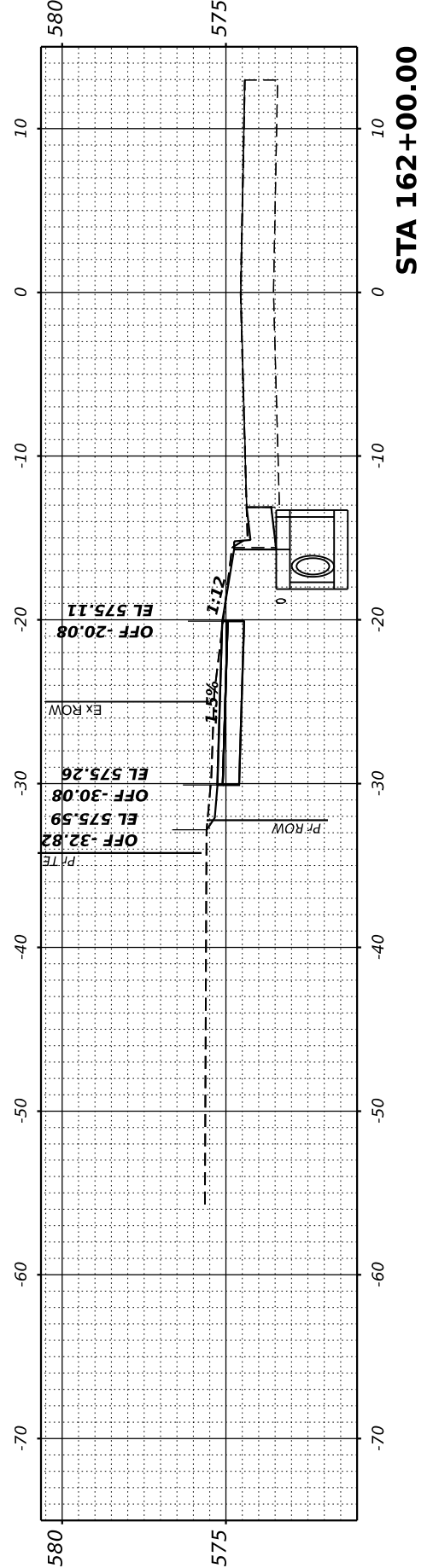
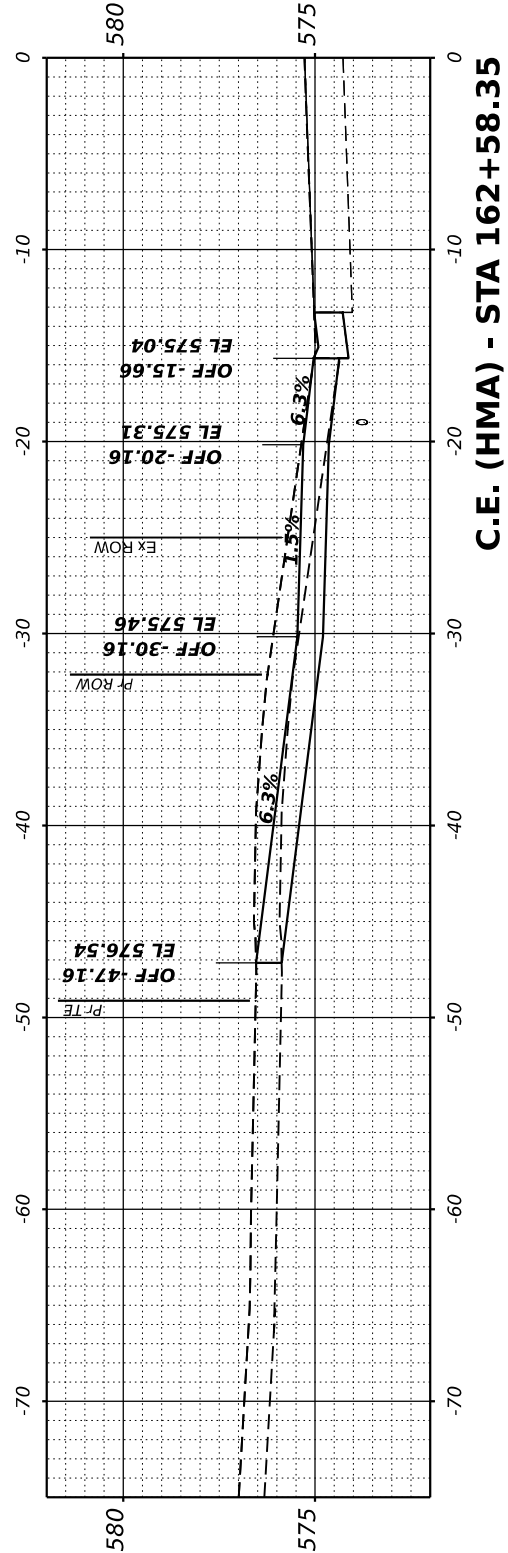




FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 160+45.25  
 FILE NAME: P:\2023\160+45.25\Phase 4\1\_CADD - DWG\4.7\_Tran\CADD\_Sheets\160+45.25\_Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 0.16666692' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10'    SHEET 17 OF 29 SHEETS    STA. 160+45.25 TO STA. 162+58.35

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	65
CONTRACT NO.		

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

MODEL: EX\_OCR\_CL - 163+00.00  
 FILE NAME: P:\2023\163+00\1Phase 4\1\_CADD - DWG\4.7\_Traffic\163+00+1-Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= kostermiller
DESIGNED	- KMO
DRAWN	- BAB
CHECKED	- JWS
DATE	- XX/XX/XXXX
PLOT SCALE	= 0.16666692' / in.
PLOT DATE	= 3/19/2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-



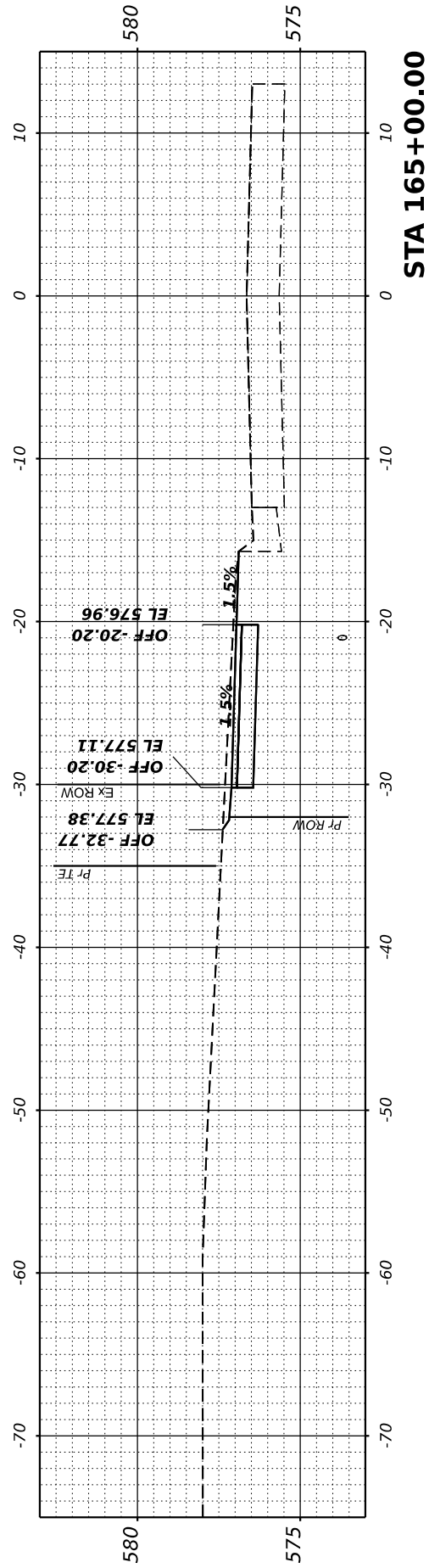
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

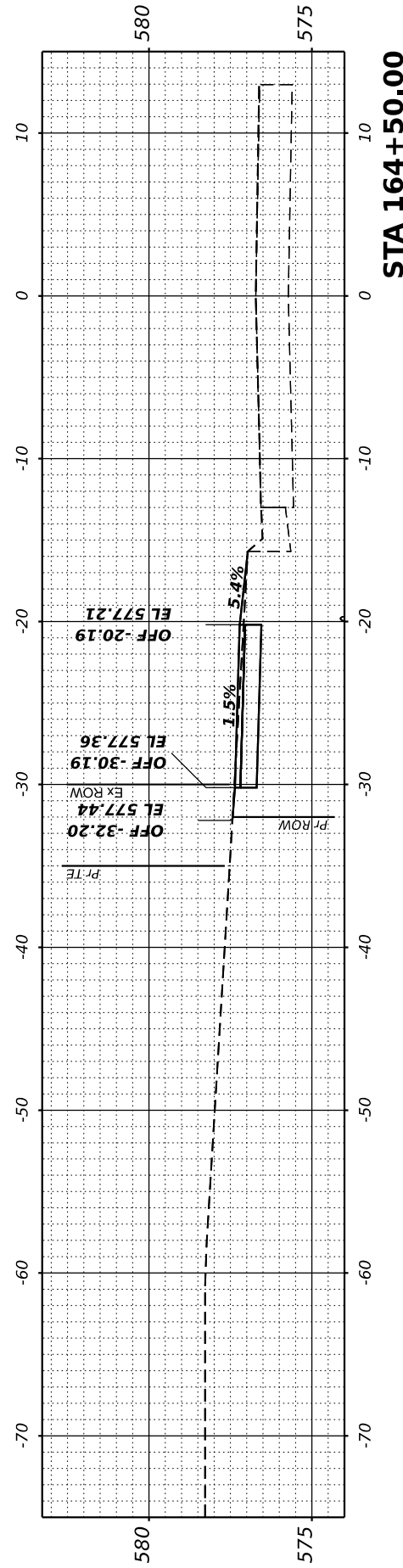
SCALE: 1"=10' SHEET 18 OF 29 SHEETS STA. 163+00.00 TO STA. 165+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

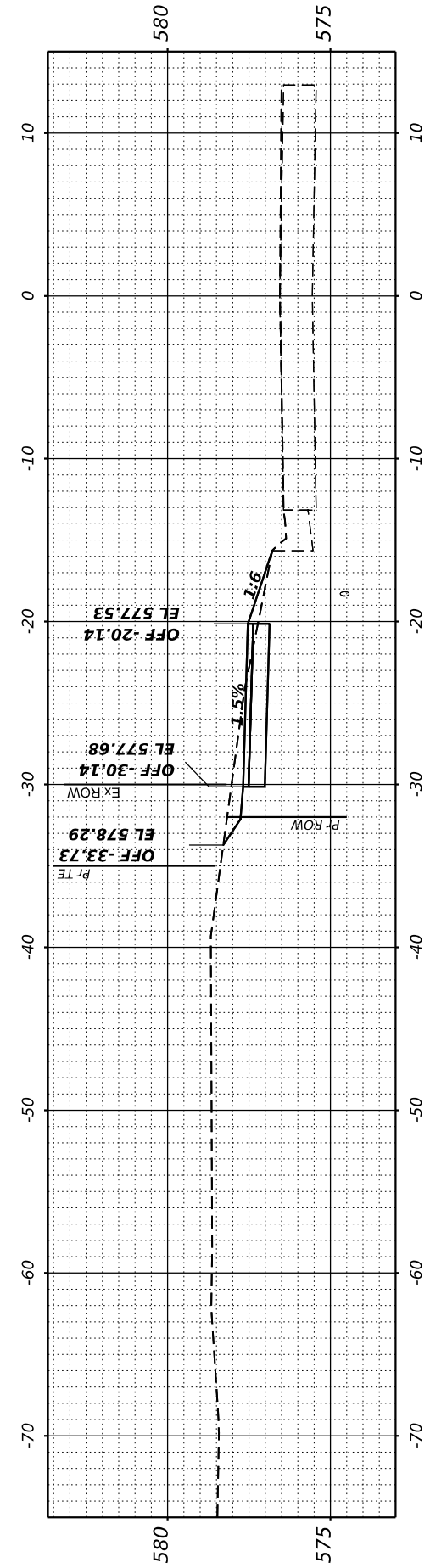
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	66
CONTRACT NO.		



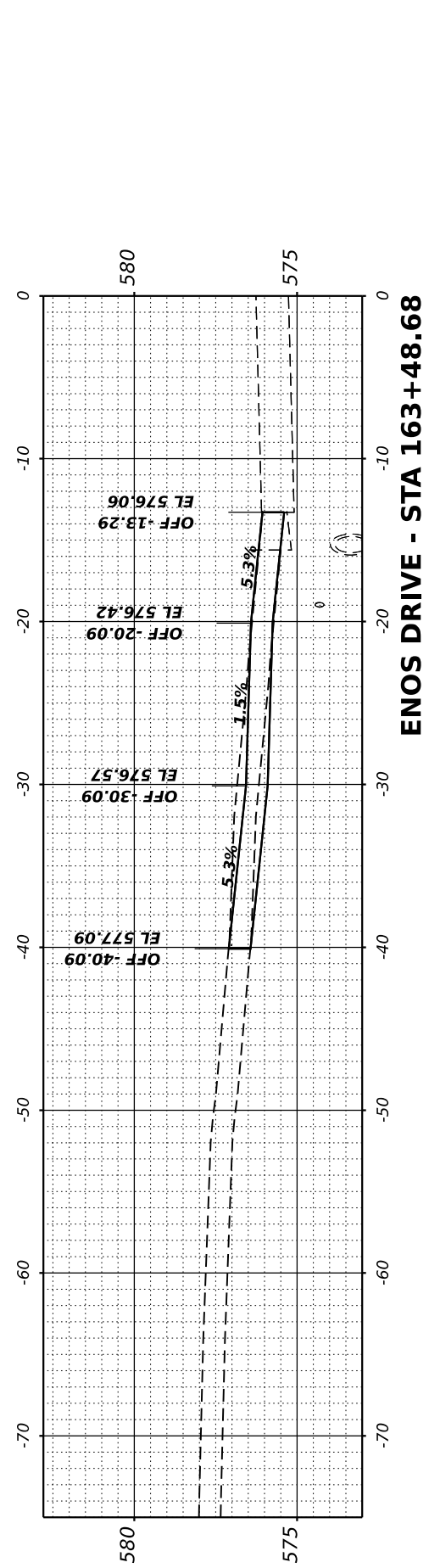
**STA 165+00.00**



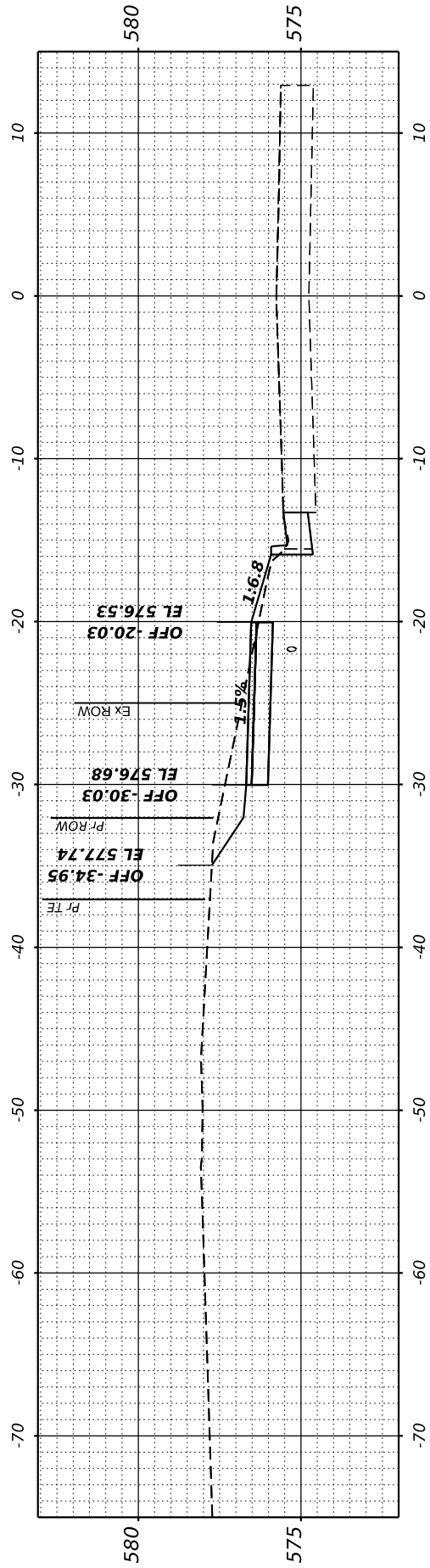
**STA 164+50.00**



**STA 164+00.00**



**ENOS DRIVE - STA 163+48.68**



**STA 163+00.00**

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

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

MODEL: EX\_OCR\_CL - 165+50.00  
 FILE NAME: P201818041Phase 4.dwg - DWG4.7\_TranCADD\_Sheets18041-Cross\_Section.dgn



**TWM, INC.**  
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 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= kostermiller
DESIGNED	- KMO
DRAWN	- BAB
CHECKED	- JWS
DATE	- XX/XX/XXXX
PLOT SCALE	= 0.16666692' / in.
PLOT DATE	= 3/19/2024

REVISION	-
REVISION	-
REVISION	-
REVISION	-
REVISION	-



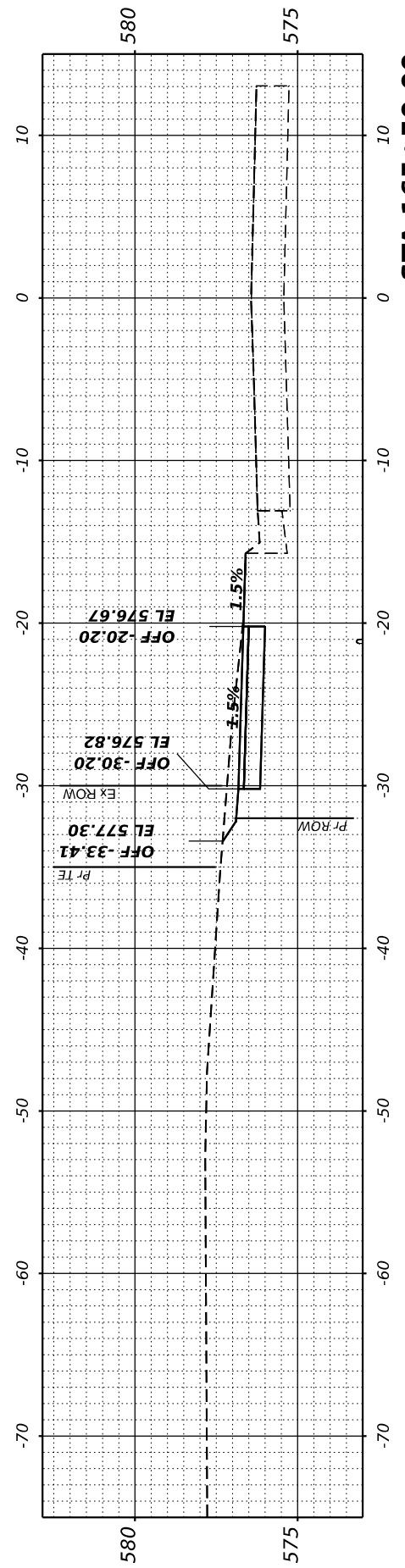
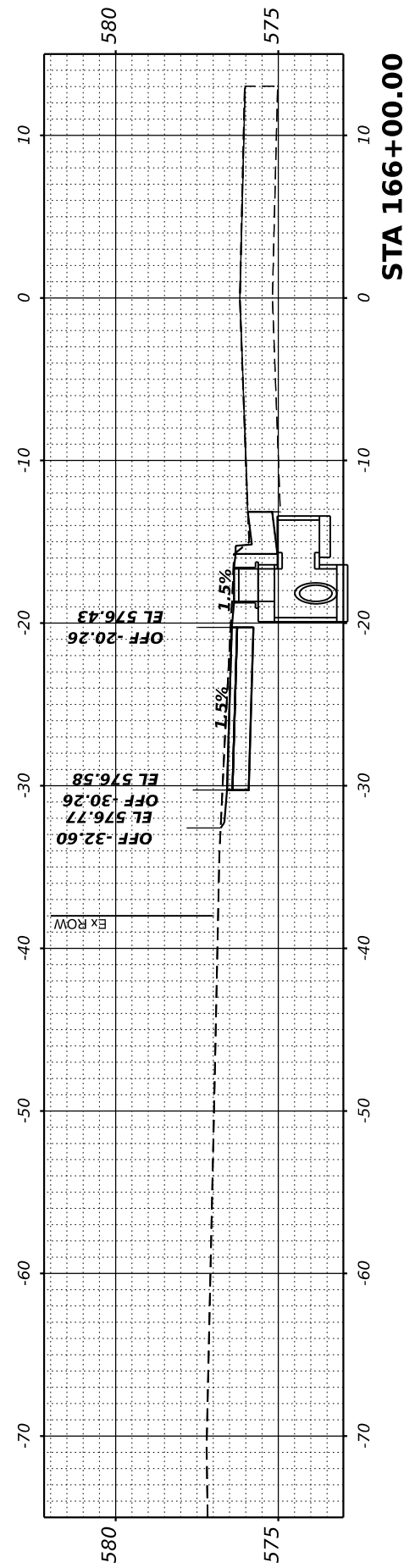
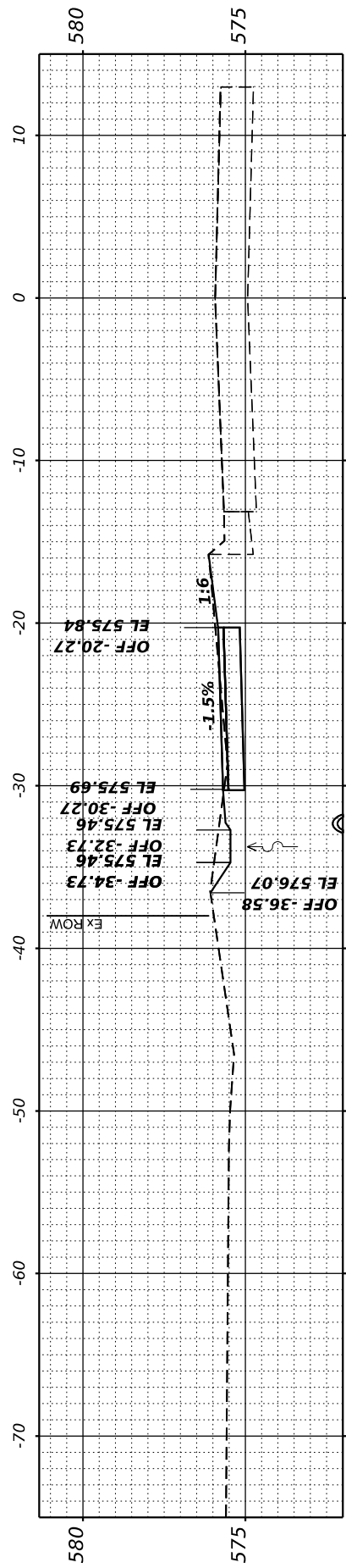
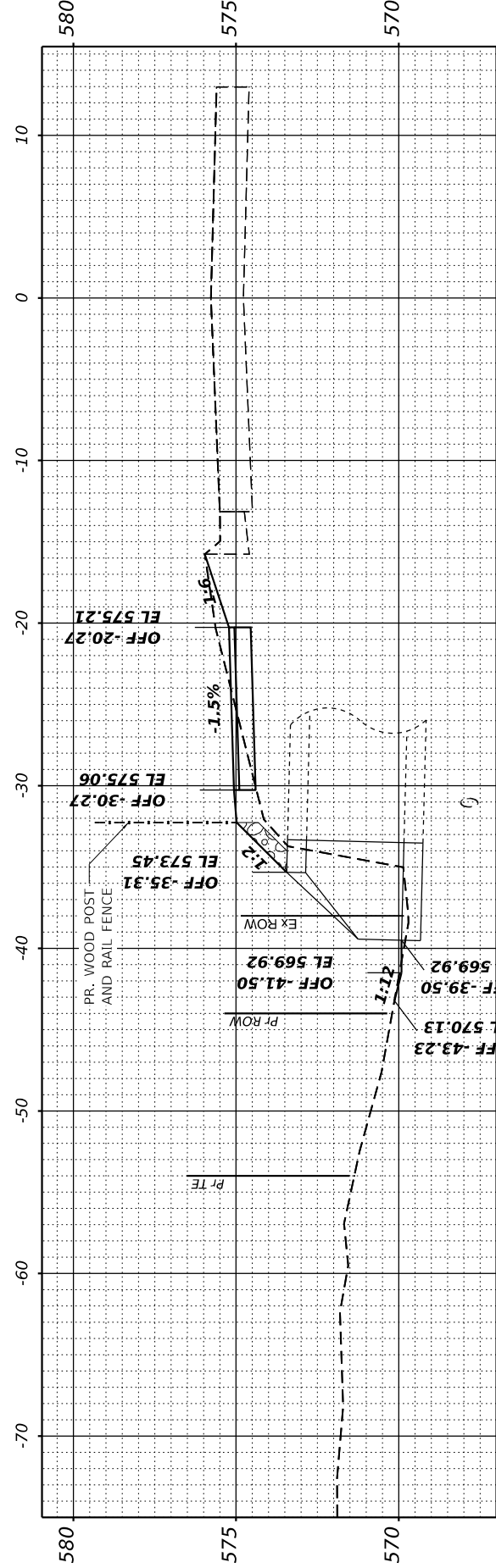
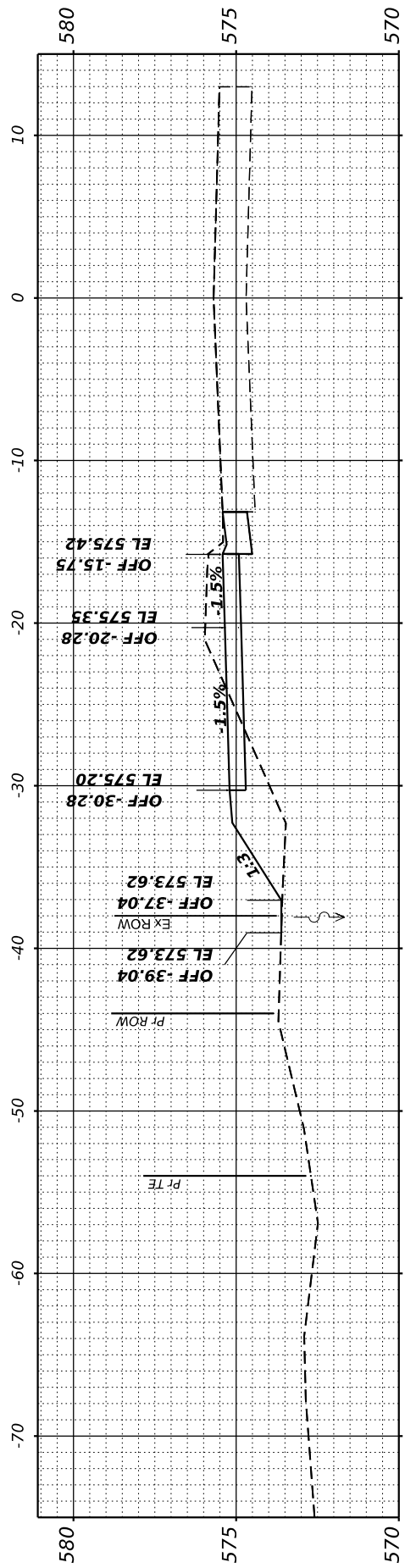
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

SCALE: 1"=10' SHEET 19 OF 29 SHEETS STA. 165+50.00 TO STA. 167+00.00

**CROSS SECTIONS**

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

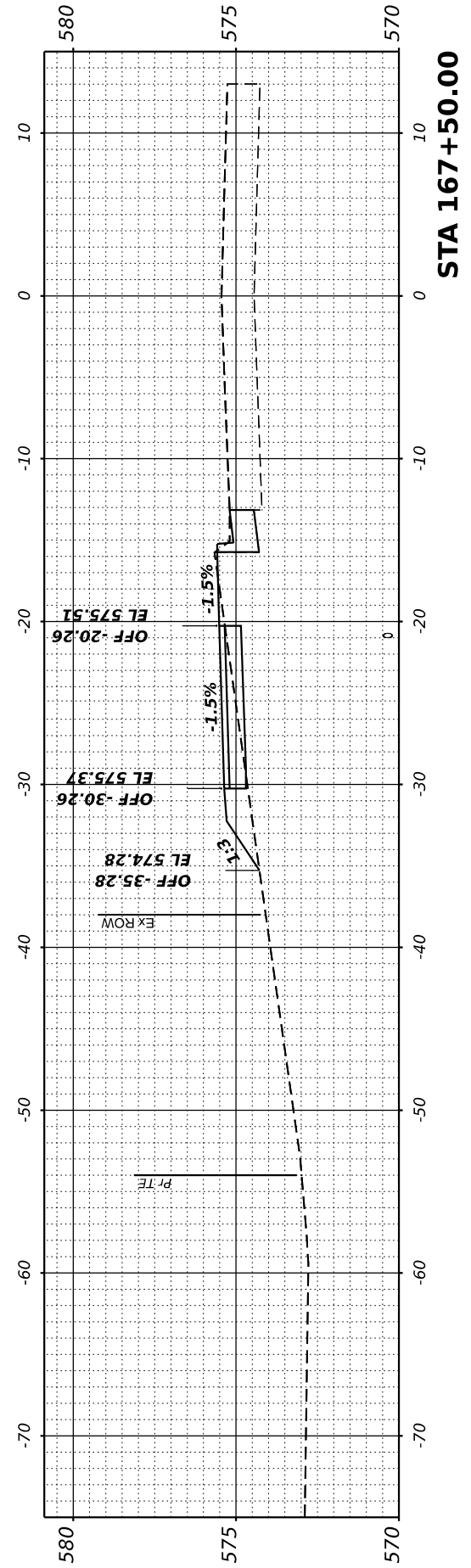
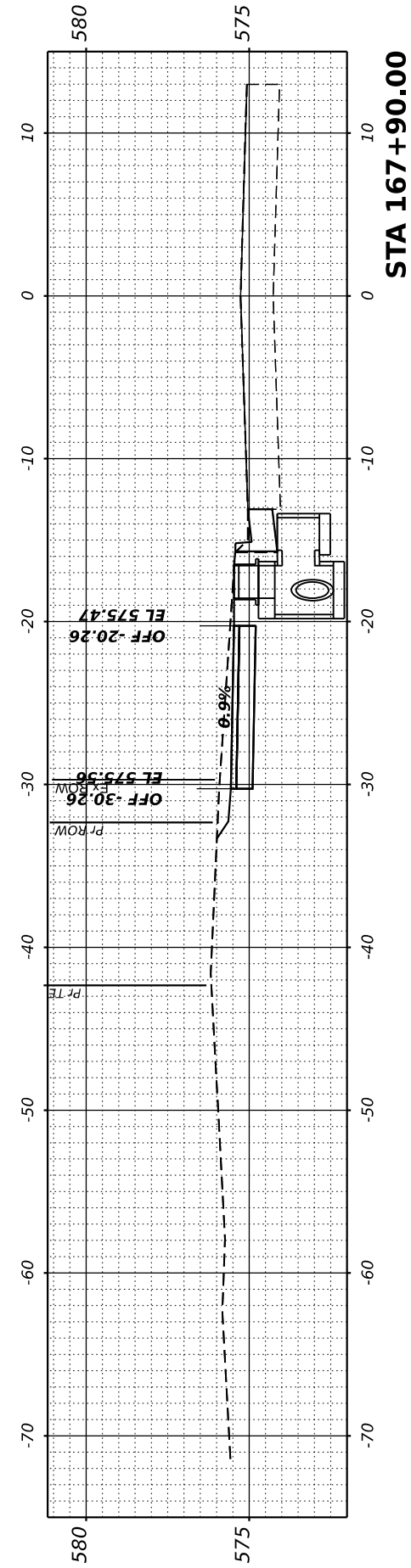
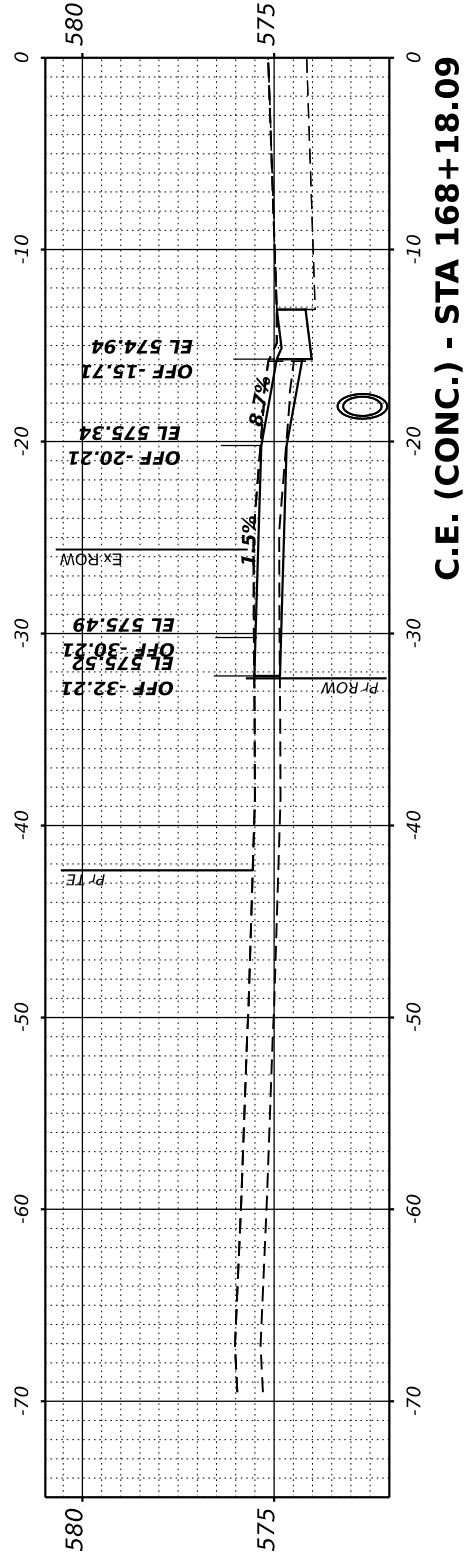
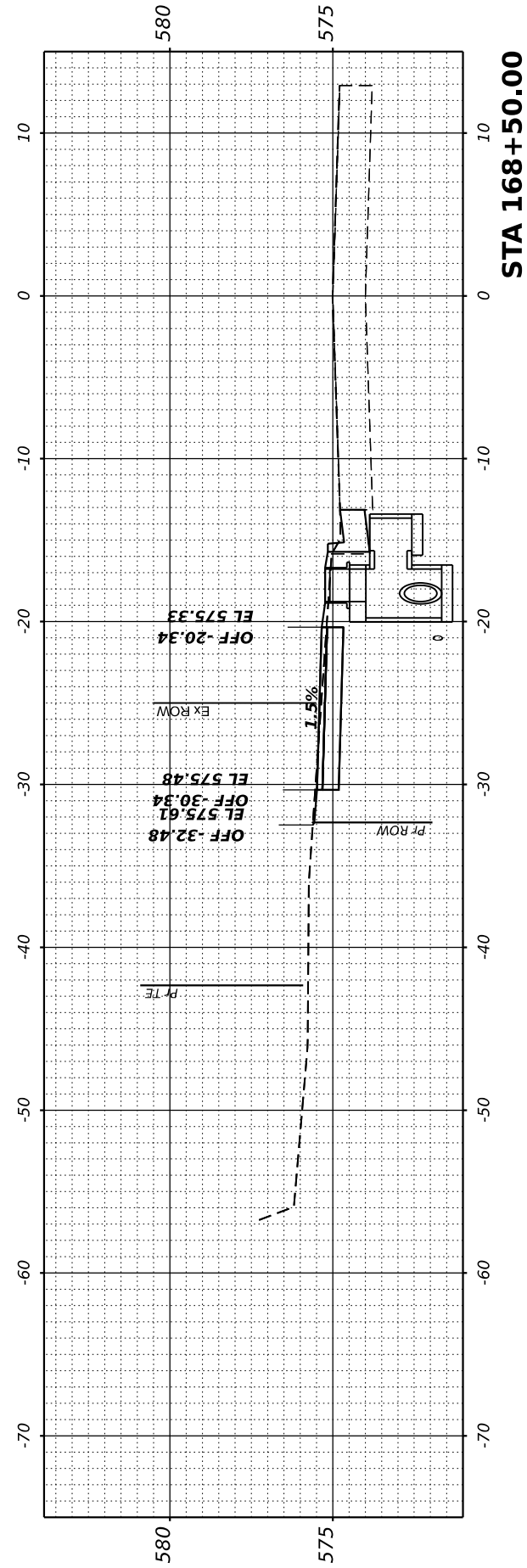
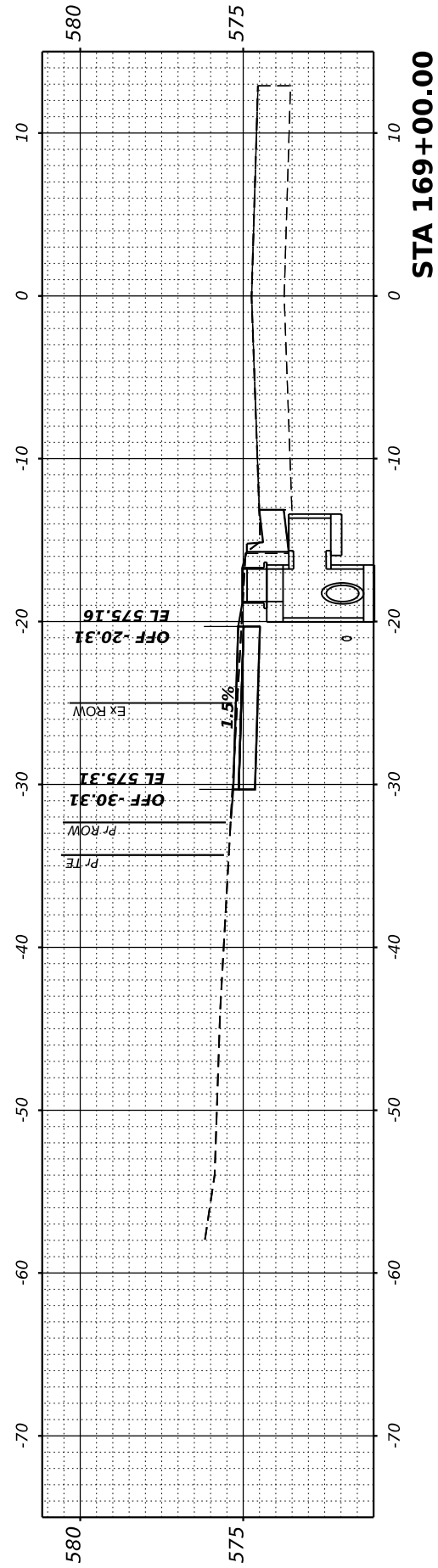
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	67
CONTRACT NO.		



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 167+50.00  
 FILE NAME: P:\2024\167+50+00\Phase 4\1\_CADD - DWG\4.7\_Tran\CADD\_Sheets\167+50+00\_Cross\_Section.dgn



**TWM, INC.**  
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 IL DESIGN FIRM  
 LICENSE NO:  
 184-001220

USER NAME	= kostermiller
PLOT SCALE	= 0.16666692' / in.
PLOT DATE	= 3/19/2024

DESIGNED	- KMO	REVISED	-
DRAWN	- BAB	REVISED	-
CHECKED	- JWS	REVISED	-
DATE	- XX/XX/XXXX	REVISED	-



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10'      SHEET 20 OF 29 SHEETS      STA. 167+50.00 TO STA. 169+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	68
CONTRACT NO.		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 169+50.00  
 FILE NAME: P20181104-1Phase 4.dwg - DWG/4.7\_Trim/CADD\_Sheets/169+41-Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= kostermiller
DESIGNED	- KMO
DRAWN	- BAB
CHECKED	- JWS
DATE	- XX/XX/XXXX
PLOT SCALE	= 0.16666692" / in.
PLOT DATE	= 3/19/2024

REVIS	-
REVIS	-
REVIS	-
REVIS	-



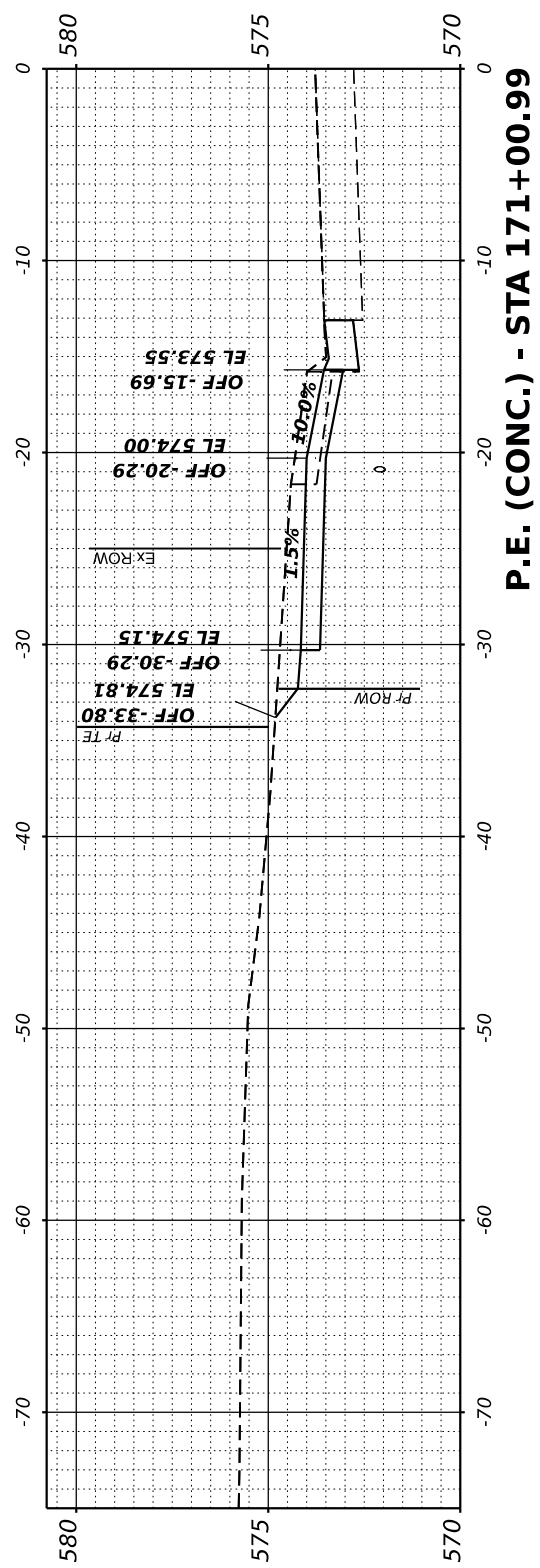
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

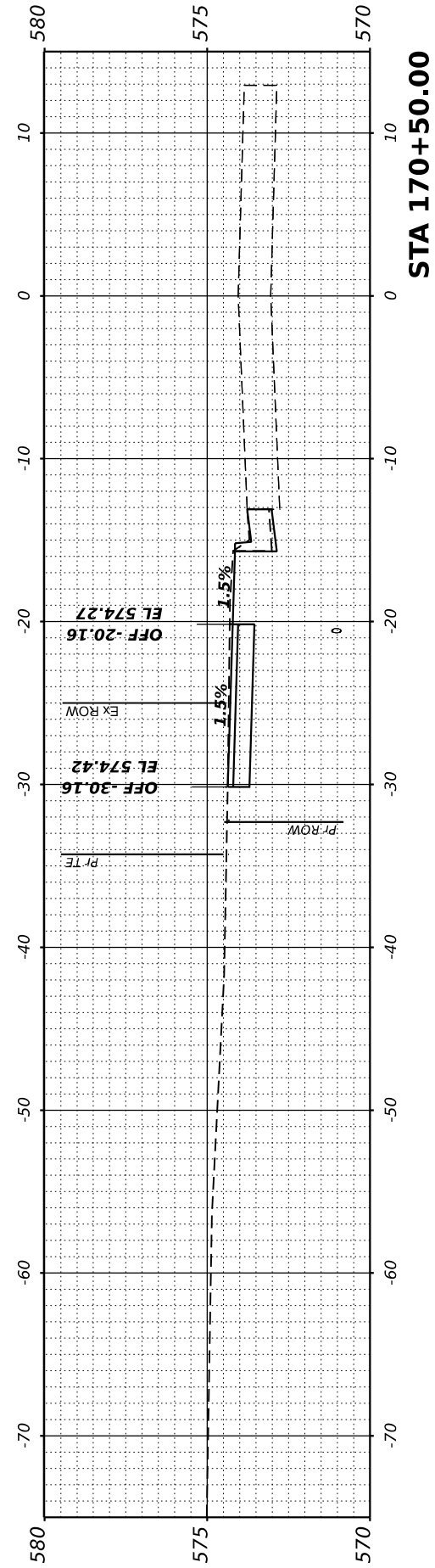
SCALE: 1"=10'      SHEET 21 OF 29 SHEETS      STA. 169+50.00 TO STA. 171+00.99

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

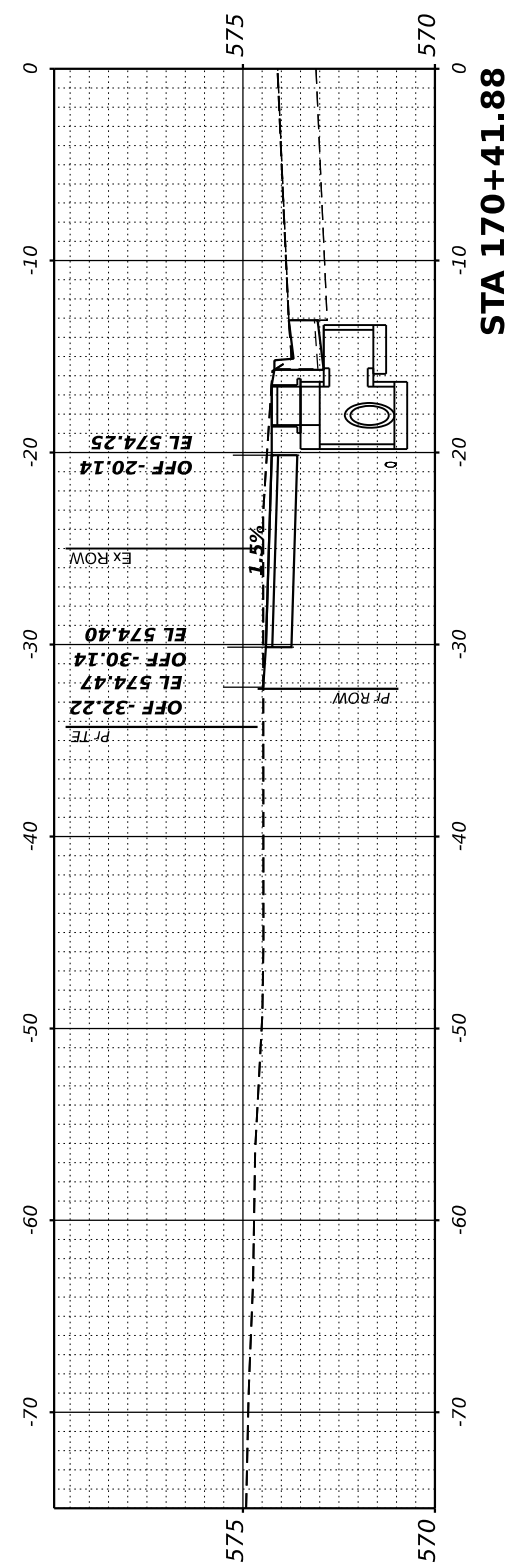
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	69
CONTRACT NO.		



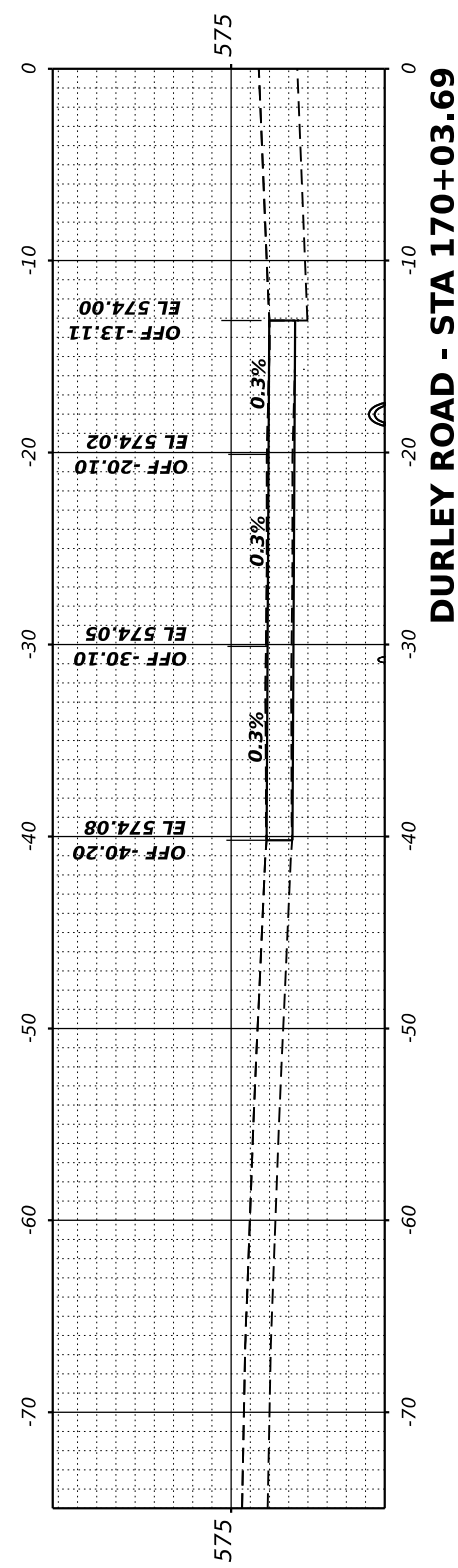
**P.E. (CONC.) - STA 171+00.99**



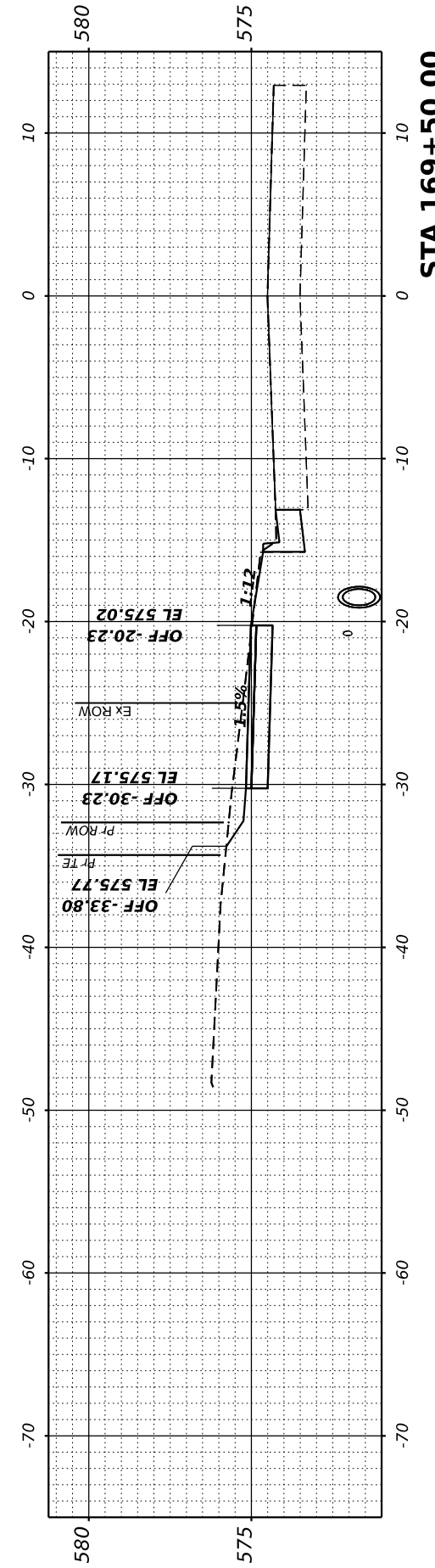
**STA 170+50.00**



**STA 170+41.88**



**DURLEY ROAD - STA 170+03.69**



**STA 169+50.00**

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 171+50.00  
 FILE NAME: P:\2023\1804\1Phase 4\1\_CADD - DWG\4.7\_Tran\CADD\_Sheets\1804+1\Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME =	kostermiller
PLOT SCALE =	0.16666692" / in.
PLOT DATE =	3/19/2024

DESIGNED -	KMO	REVISED -	
DRAWN -	BAB	REVISED -	
CHECKED -	JWS	REVISED -	
DATE -	XX/XX/XXXX	REVISED -	



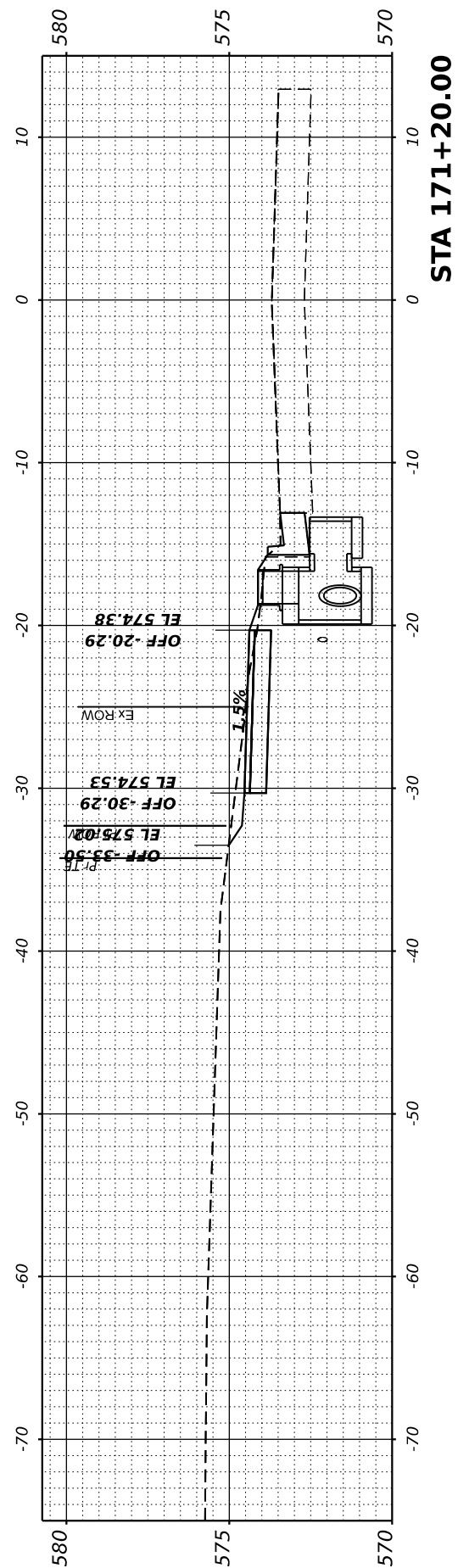
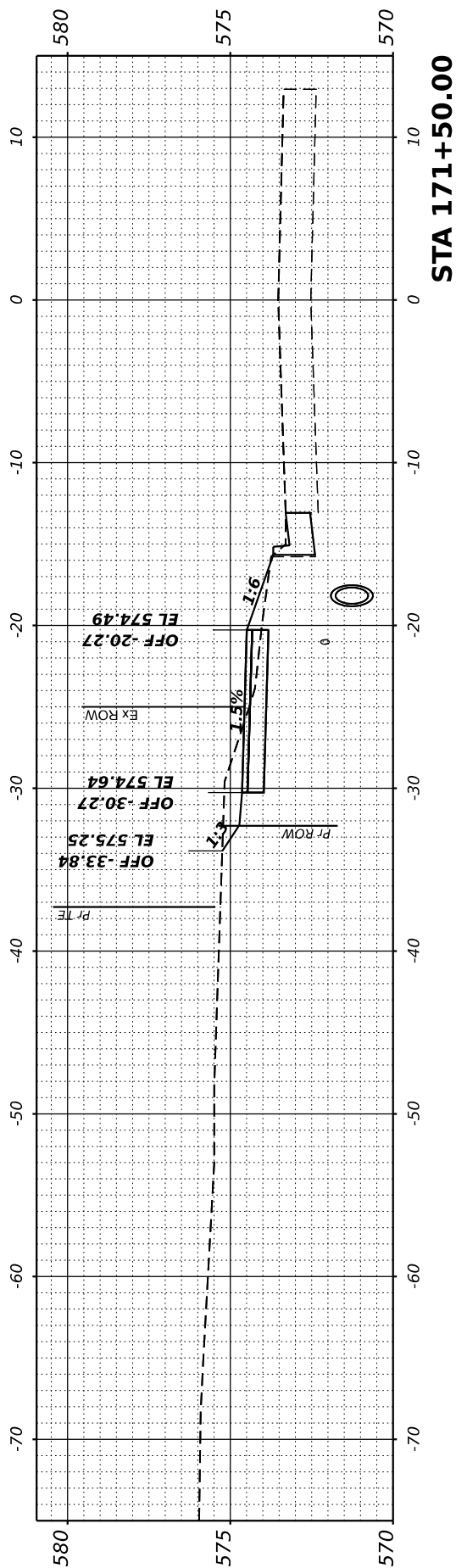
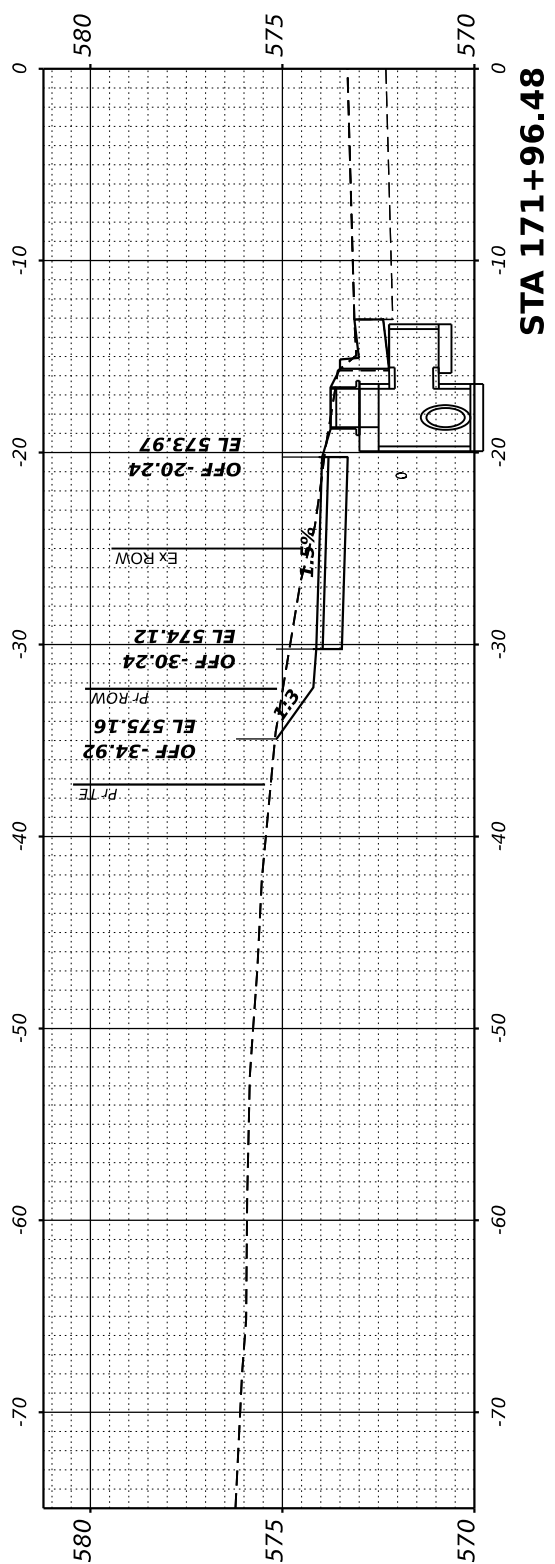
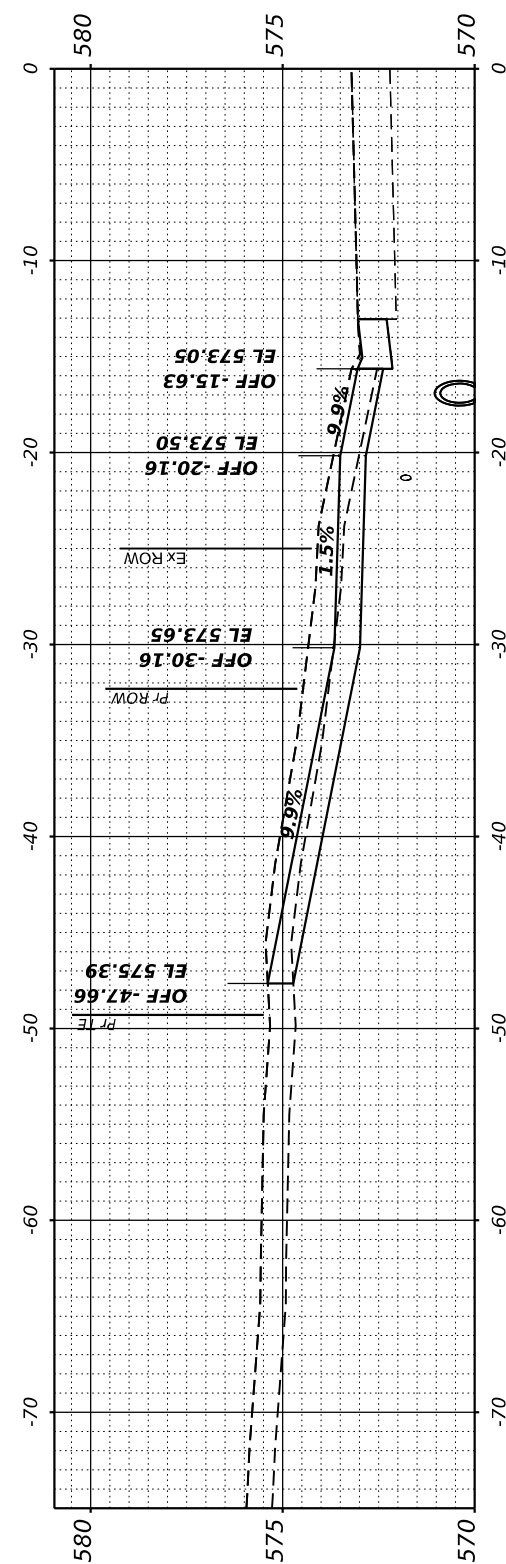
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10'      SHEET 22 OF 29 SHEETS      STA. 171+20.00 TO STA. 172+15.10

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

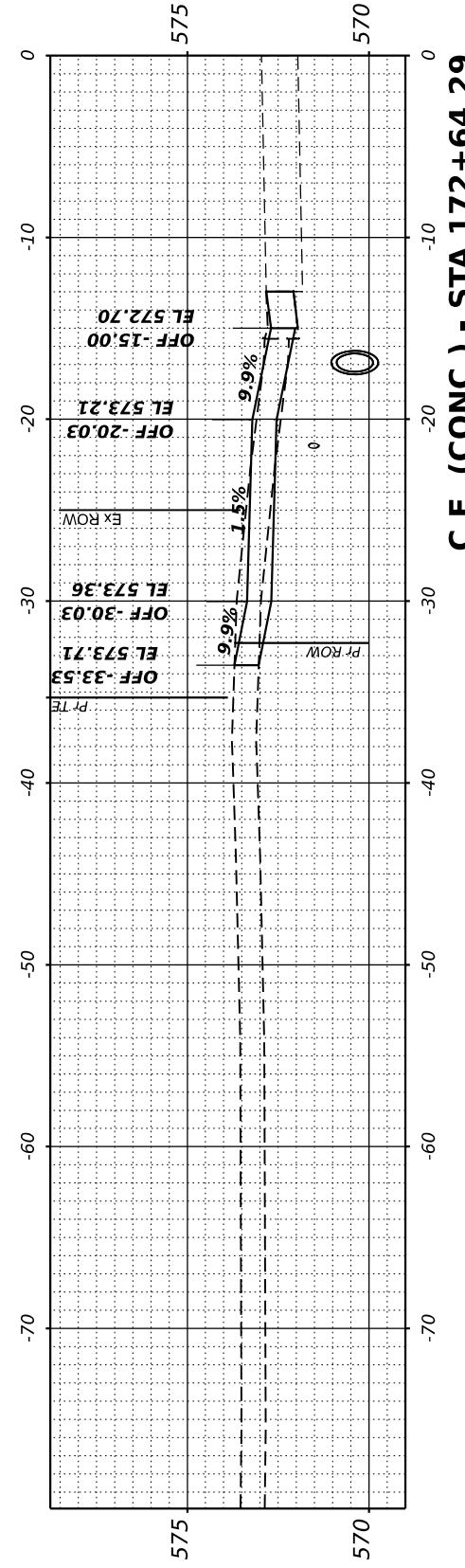
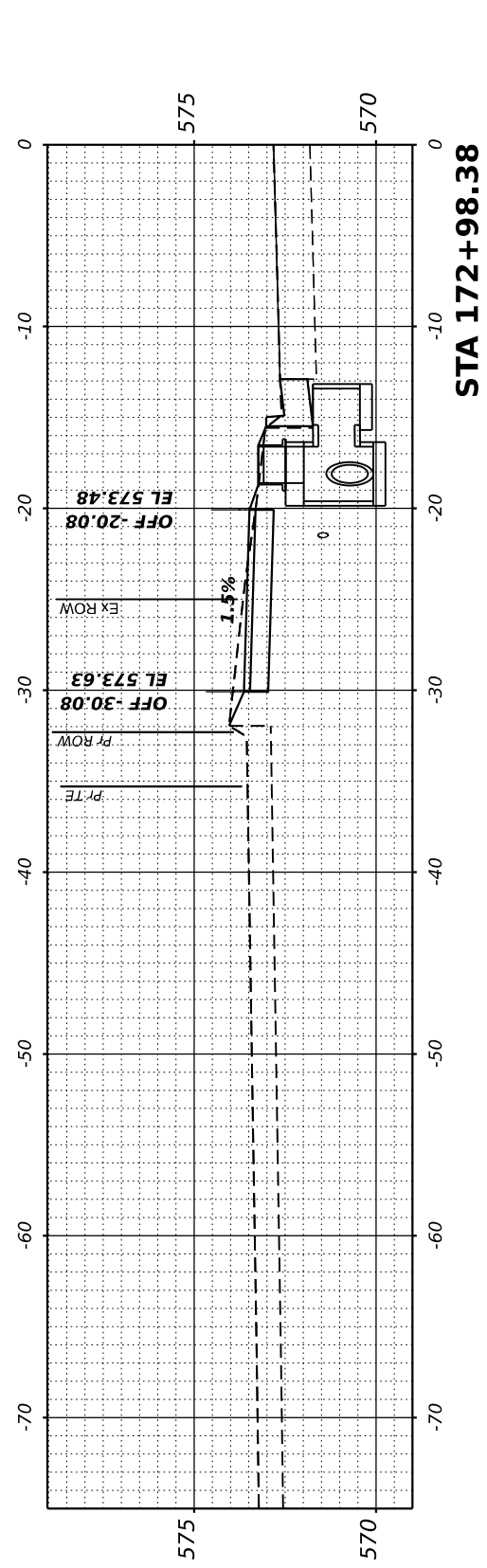
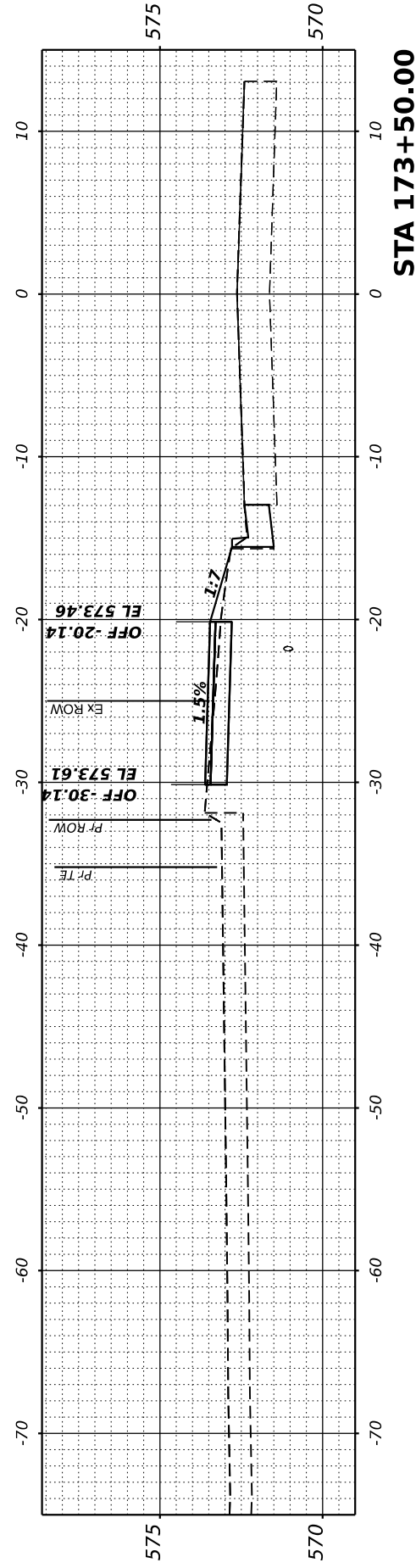
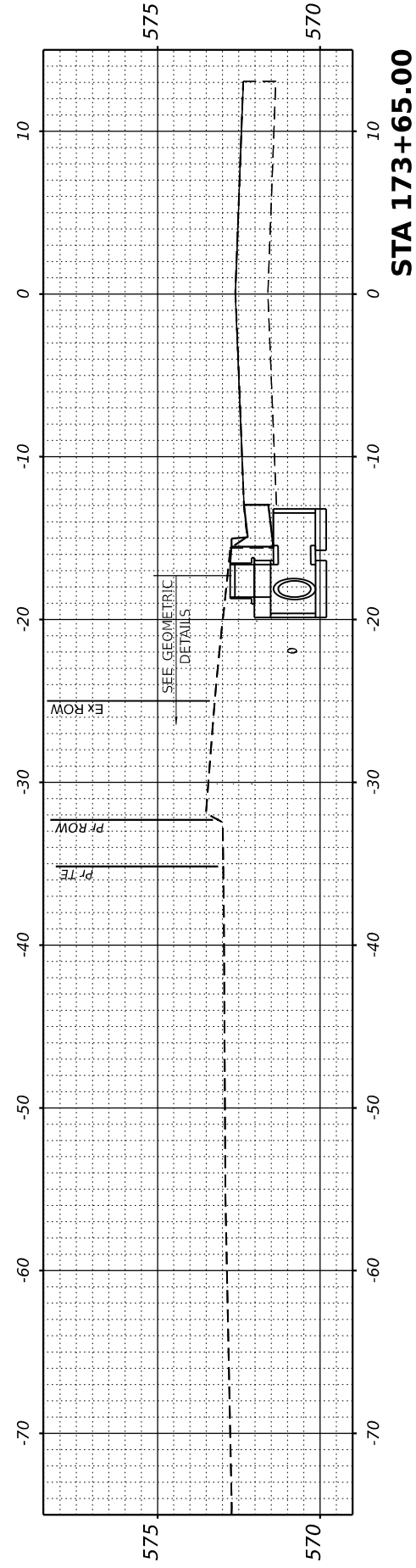
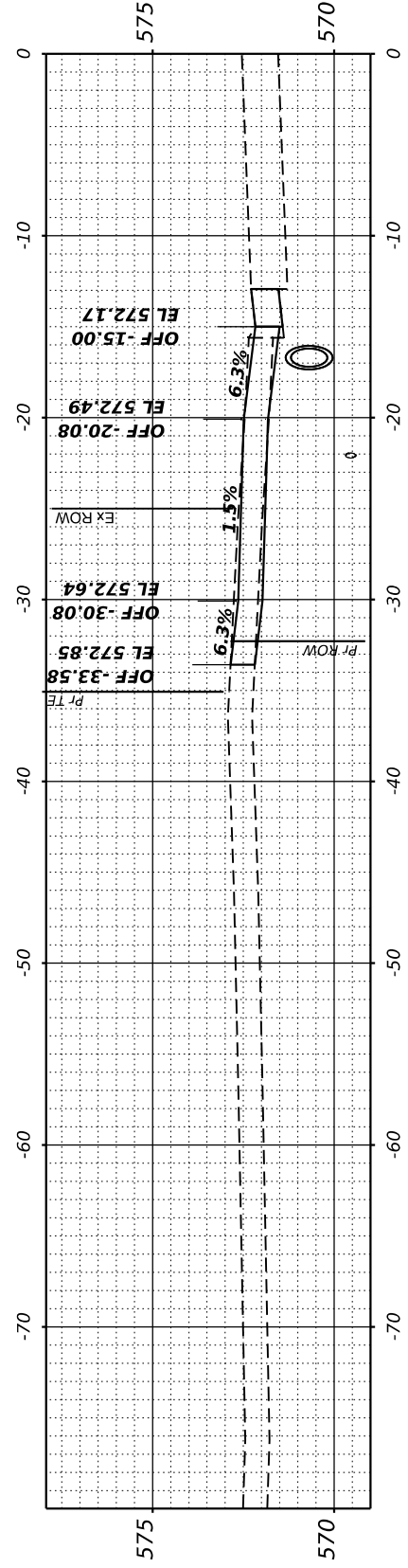
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	70
CONTRACT NO.		



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

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

MODEL: EX OCR CL - 172+64.28  
 FILE NAME: P:\2024\1804\1Phase 4\1 CADD - DWG\4.7 Tran\CADD\_Sheets\1804\1-Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= kostermiller
DESIGNED	- KMO
DRAWN	- BAB
CHECKED	- JWS
DATE	- XX/XX/XXXX
PLOT SCALE	= 0.16666692" / in.
PLOT DATE	= 3/19/2024

REVISD	-
REVISD	-
REVISD	-
REVISD	-



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET 23 OF 29 SHEETS STA. 172+64.29 TO STA. 173+98.83

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	71
CONTRACT NO.		

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

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

MODEL: EX\_OCR\_CL - 174+50.00  
 FILE NAME: P:\2024\1804\Phase 4\ CADD - DWG\4.7\_Tran\CADD\_Sheets\1804+1-Cross\_Section1.dgn



**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= kostermiller
DESIGNED	- KMO
DRAWN	- BAB
CHECKED	- JWS
DATE	- XX/XX/XXXX
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	



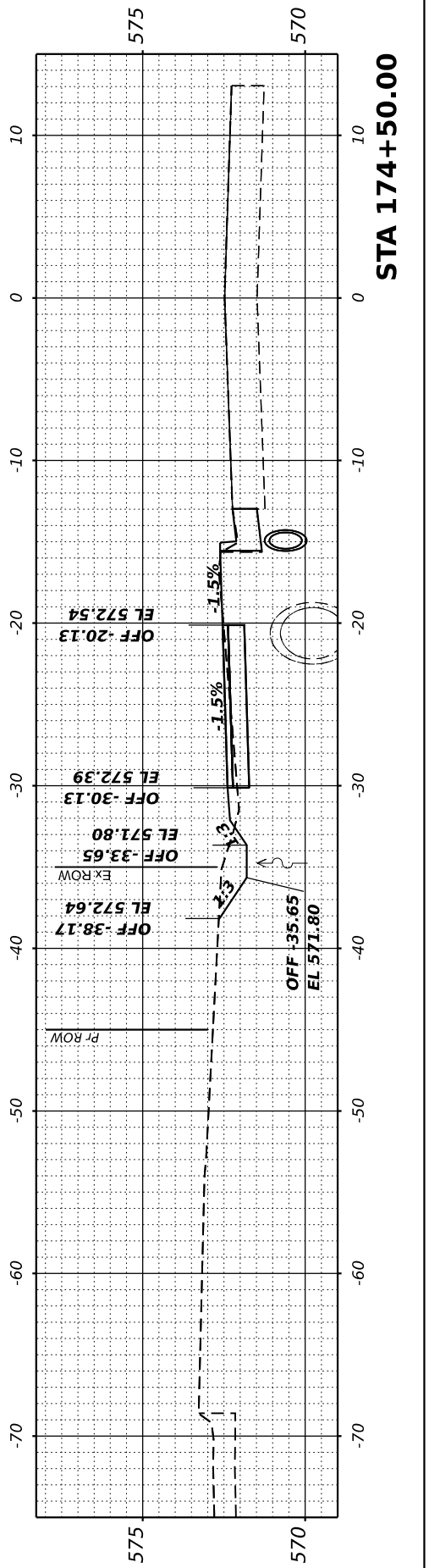
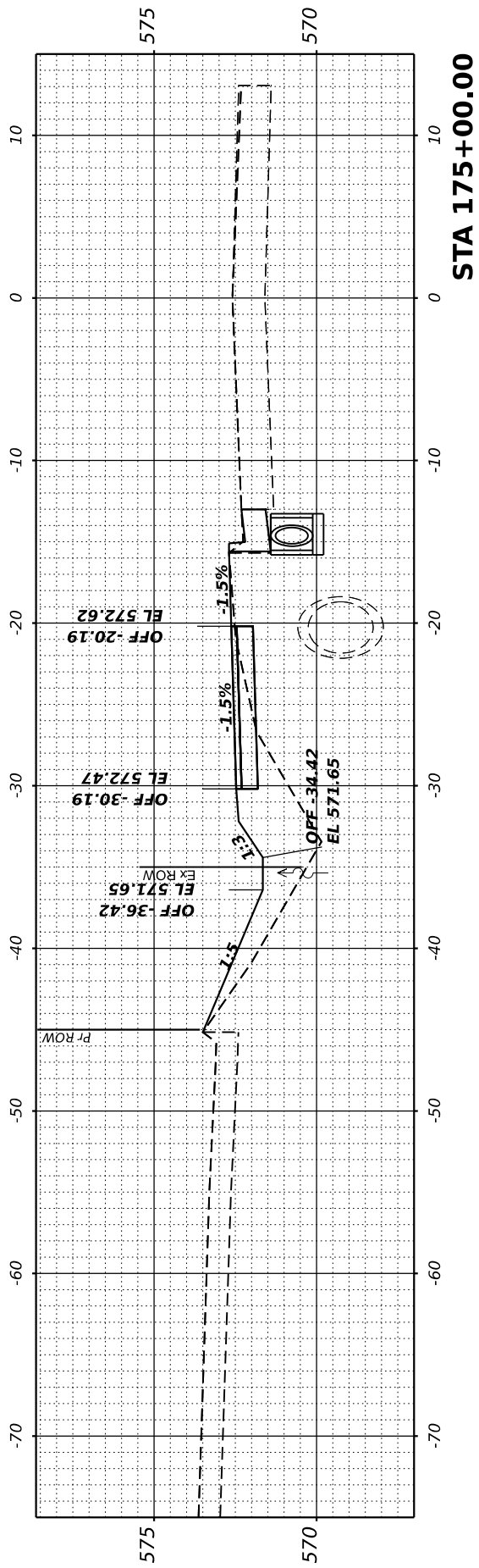
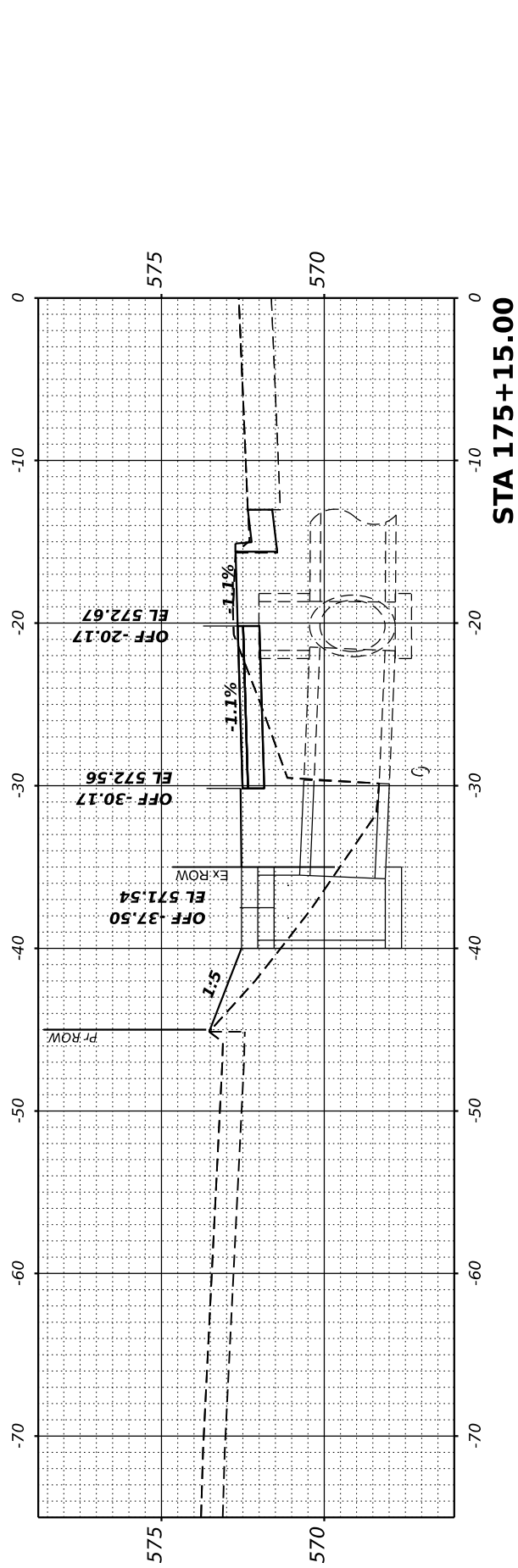
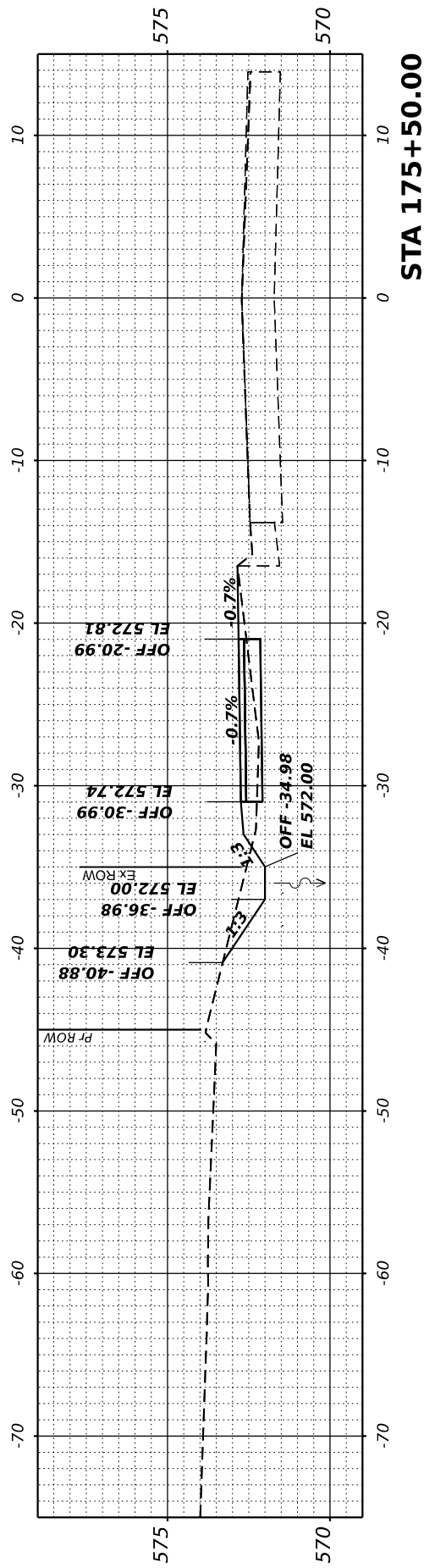
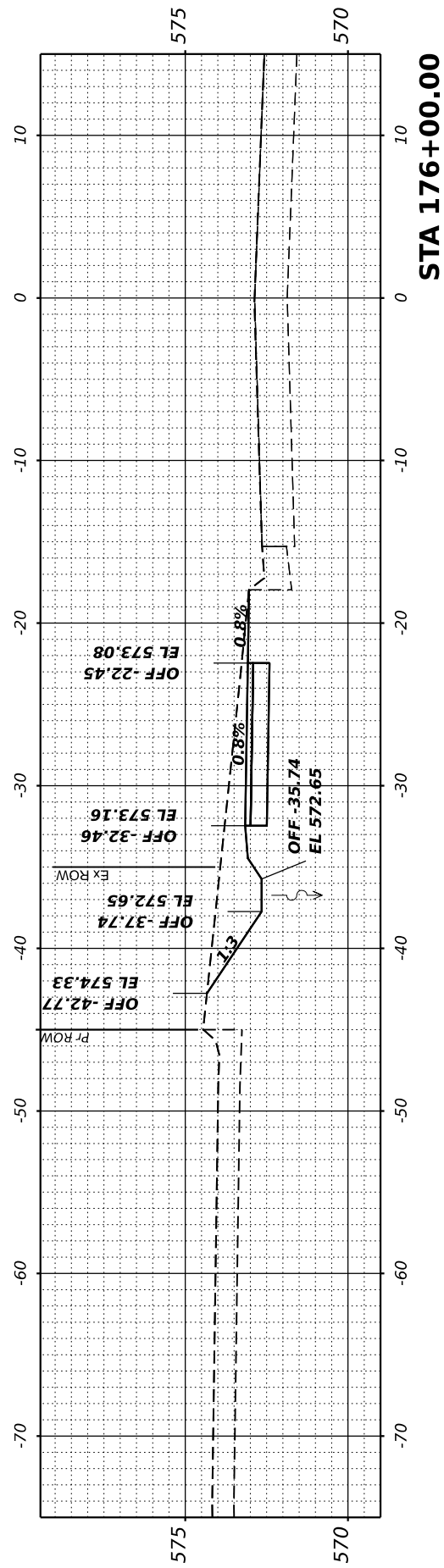
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET 24 OF 29 SHEETS STA. 174+50.00 TO STA. 176+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	72
CONTRACT NO.		





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

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

MODEL: EX\_OCR\_CL - 176+59.71  
 FILE NAME: P:\2025\1804\1Phase 4\1\_CADD - DWG\4.7\_Tran\CADD\_Sheets\1804+1-Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 0.16666692' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



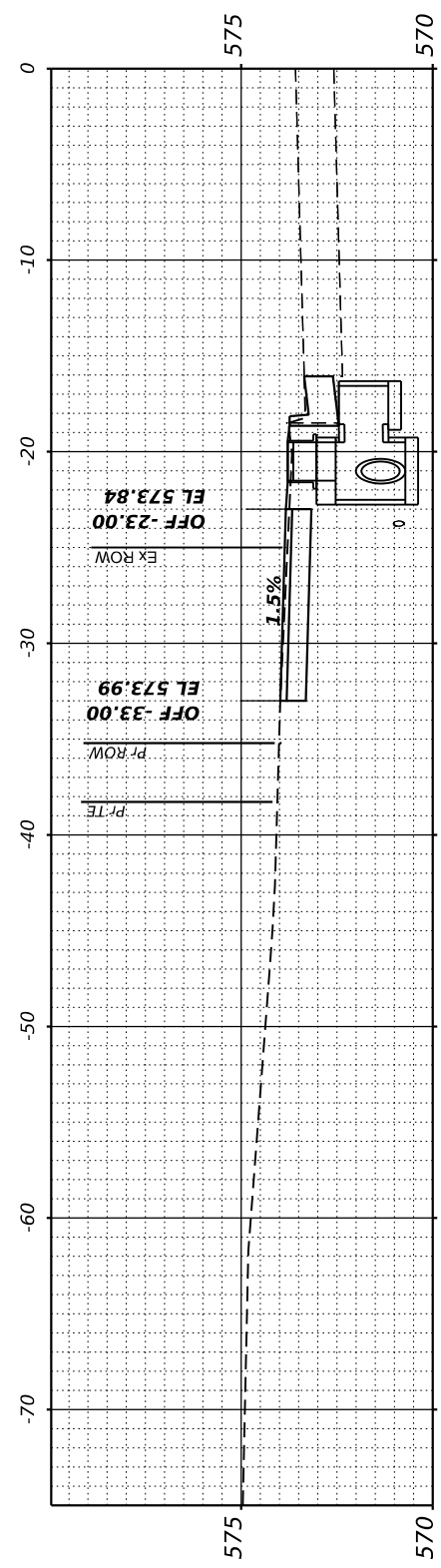
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

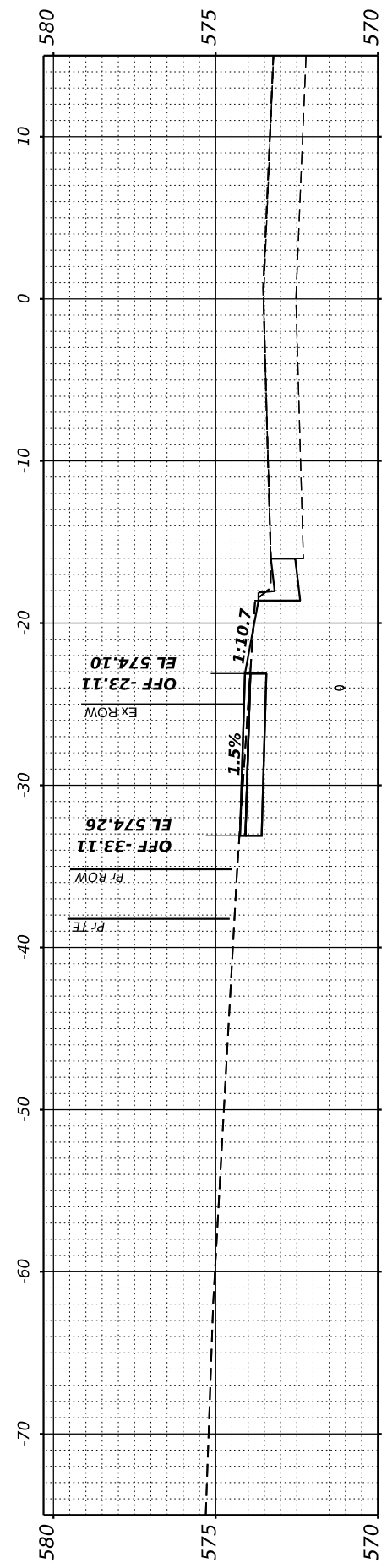
SCALE: 1"=10'      SHEET 25 OF 29 SHEETS      STA. 176+59.71 TO STA. 178+15.66

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

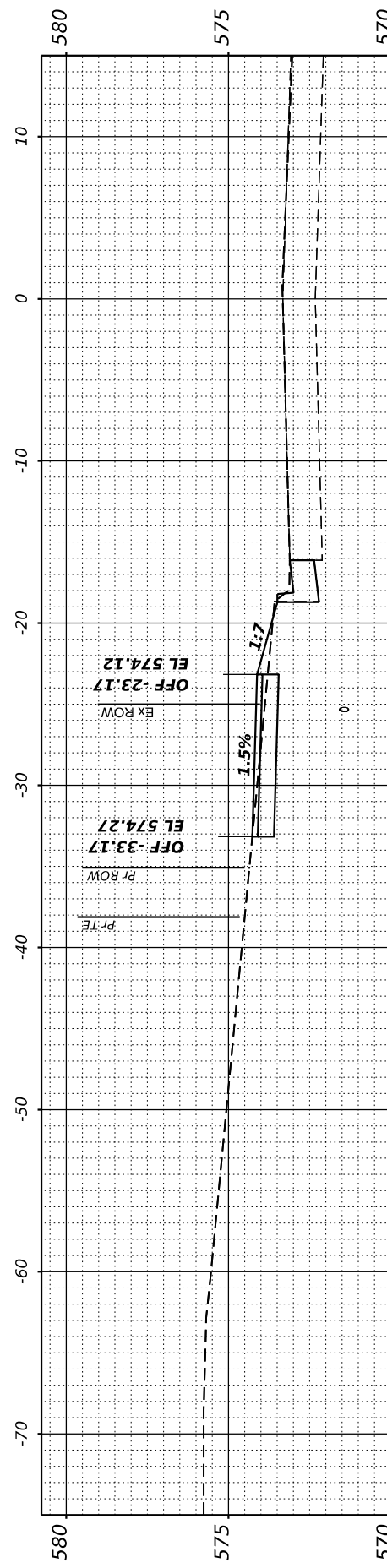
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	73
CONTRACT NO.		



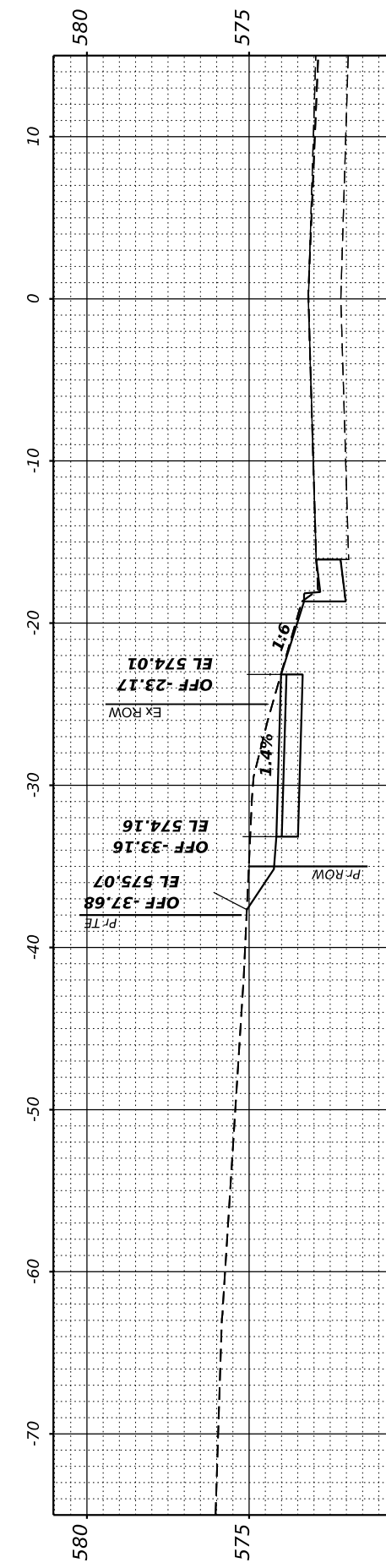
**STA 178+15.66**



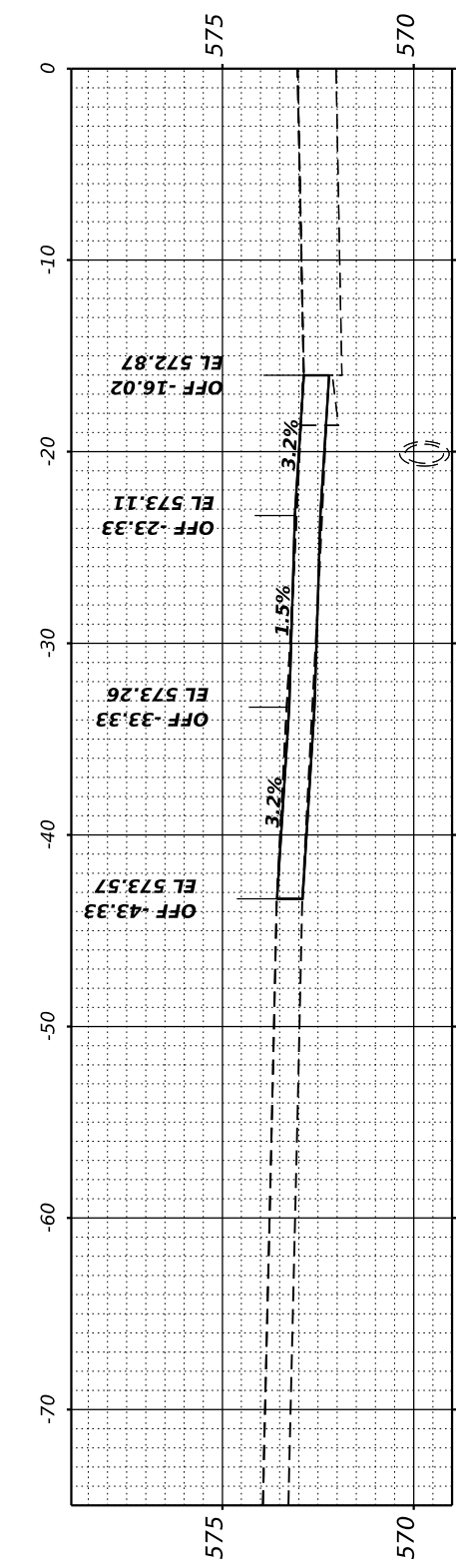
**STA 178+00.00**



**STA 177+50.00**



**STA 177+00.00**

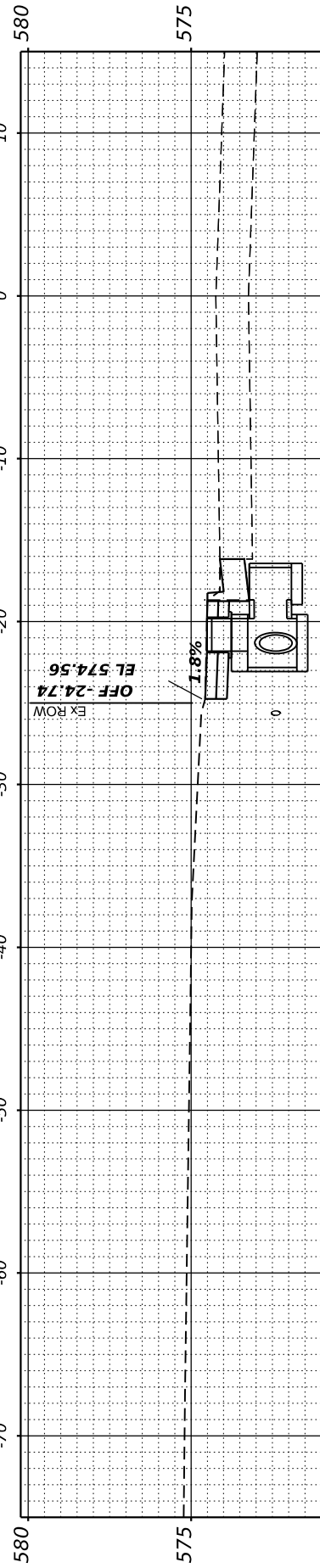


**CLINTON ROAD - STA 176+59.71**

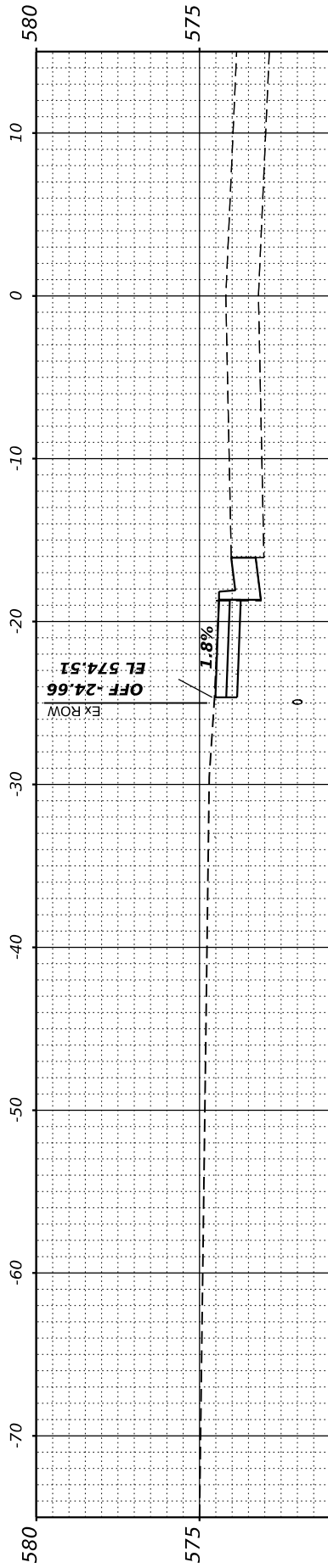
FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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

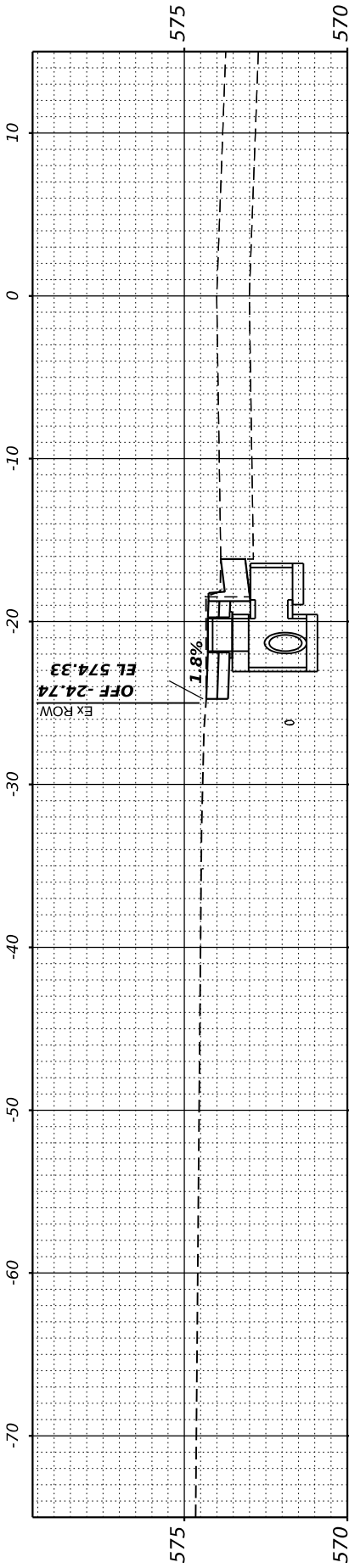
MODEL: EX OCR CL - 178+49.18  
 FILE NAME: P:\2023\1804+1\Phase 4\ CADD - DWG\4.7 Tran\CADD\_Sheets\1804+1\Cross\_Section.dgn



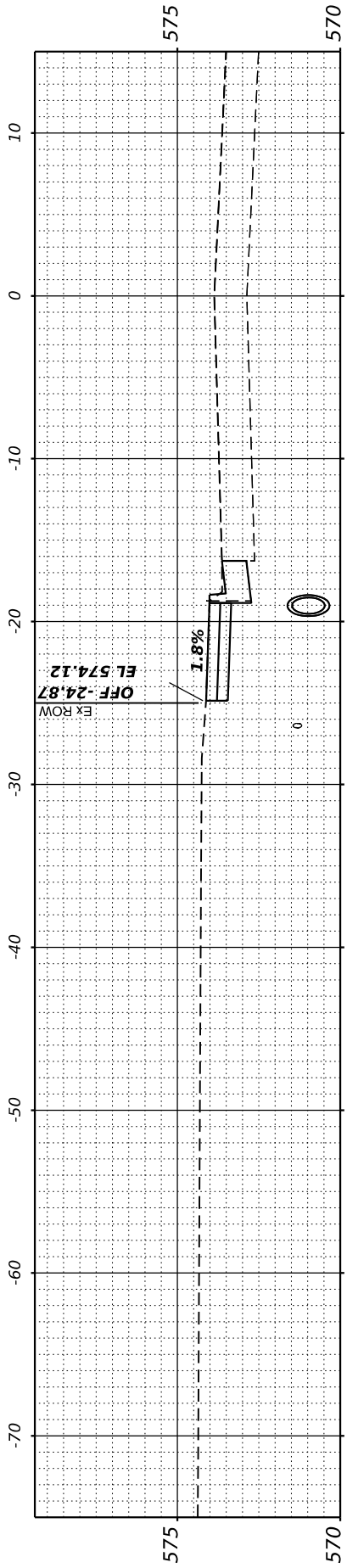
**STA 180+23.00**



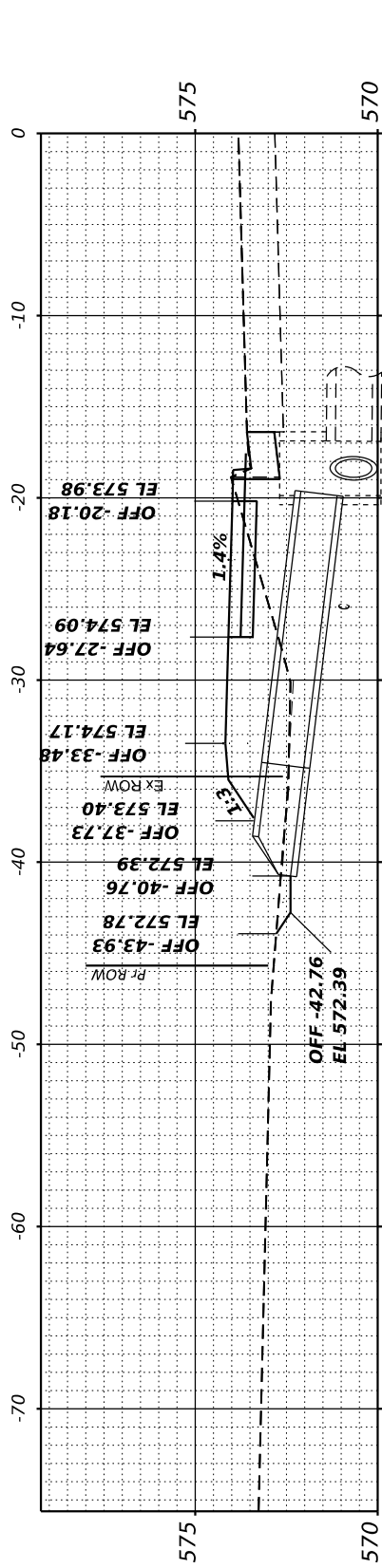
**STA 180+00.00**



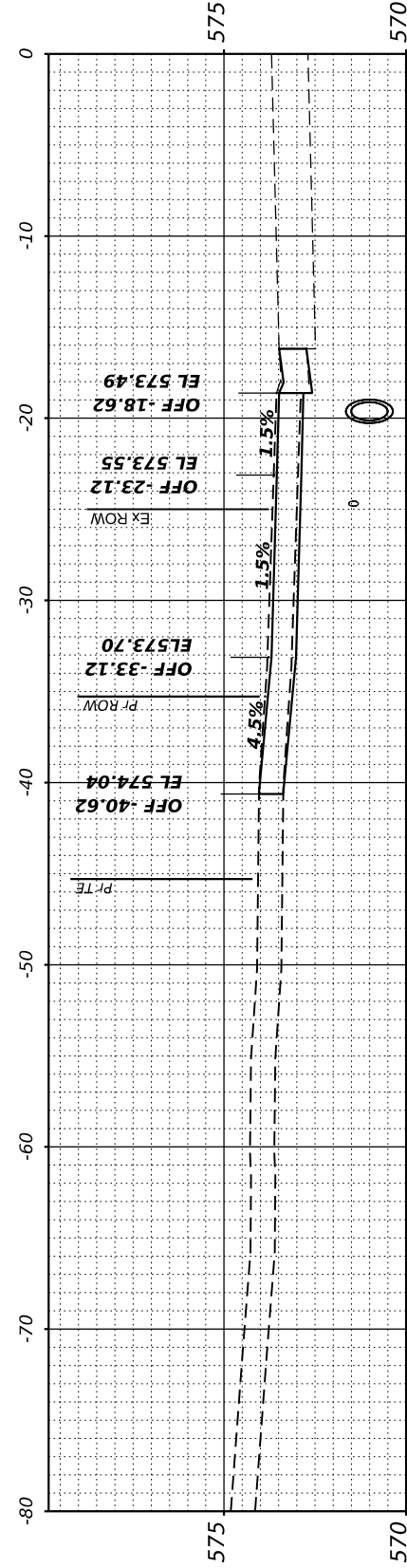
**STA 179+50.00**



**STA 179+00.00**



**12" RCP PIPE CULVERT REPLACEMENT - STA 178+85.04**



**C.E. (HMA) - STA 178+49.18**



**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= kostermiller
DESIGNED	- KMO
DRAWN	- BAB
CHECKED	- JWS
DATE	- XX/XX/XXXX
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	

DESIGNED	- KMO
DRAWN	- BAB
CHECKED	- JWS
DATE	- XX/XX/XXXX
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10'	SHEET 26 OF 29 SHEETS	STA. 178+49.18 TO STA. 180+23.00
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**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	74
CONTRACT NO.		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 180+36.49  
 FILE NAME: P:\2024\180+36.49\CADD - DWG\4.7 Tran\CADD\_Sheets\180+41-Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= kostermiller
DESIGNED	- KMO
DRAWN	- BAB
CHECKED	- JWS
DATE	- XX/XX/XXXX
PLOT SCALE	= 0.16666692' / in.
PLOT DATE	= 3/19/2024

REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS



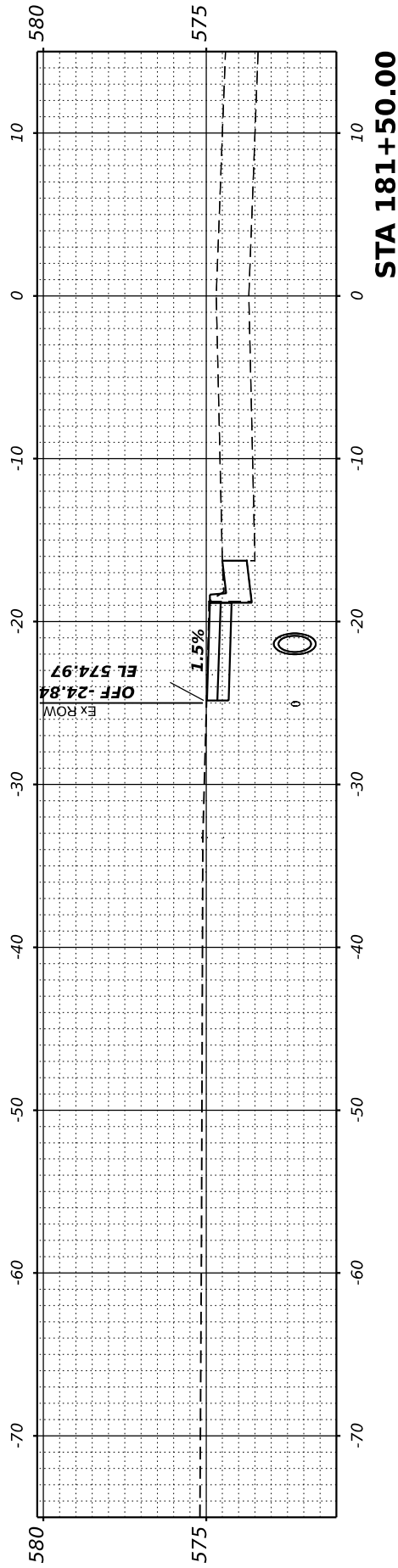
**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

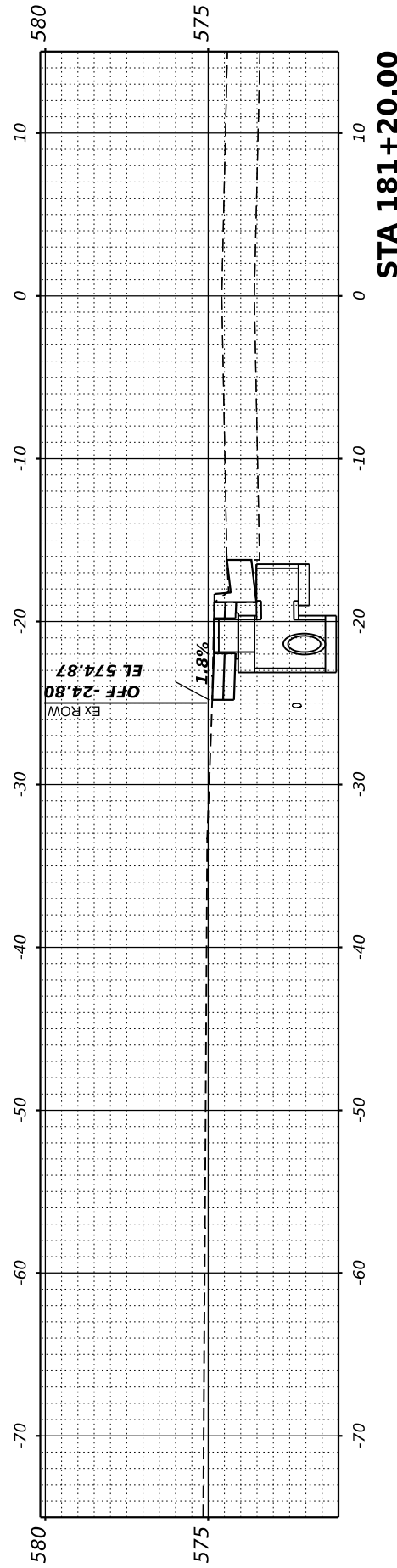
SCALE: 1"=10' SHEET 27 OF 29 SHEETS STA. 180+36.49 TO STA. 181+50.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

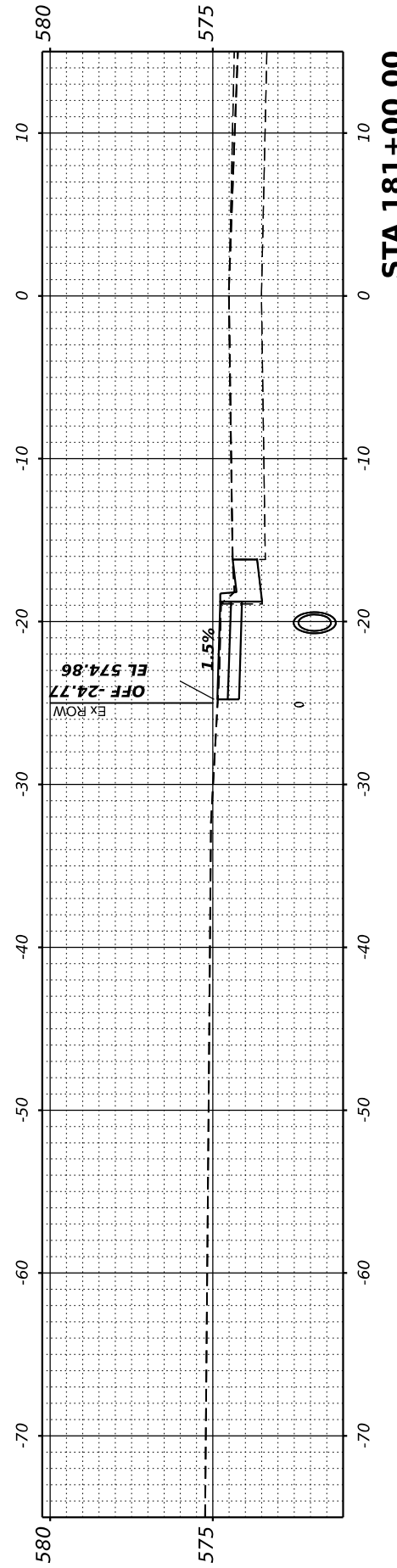
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	75
CONTRACT NO.		



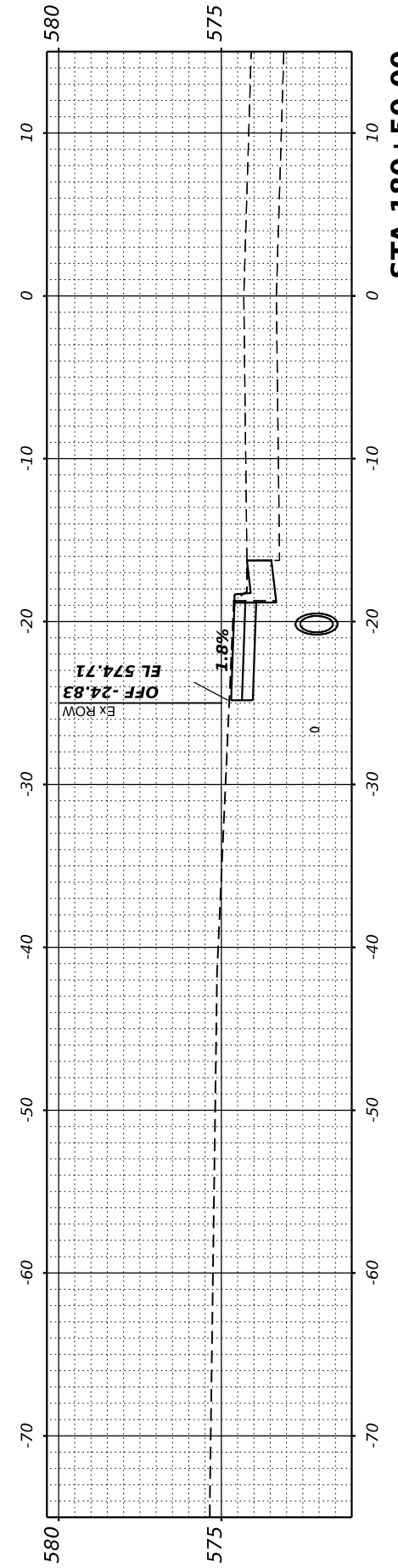
**STA 181+50.00**



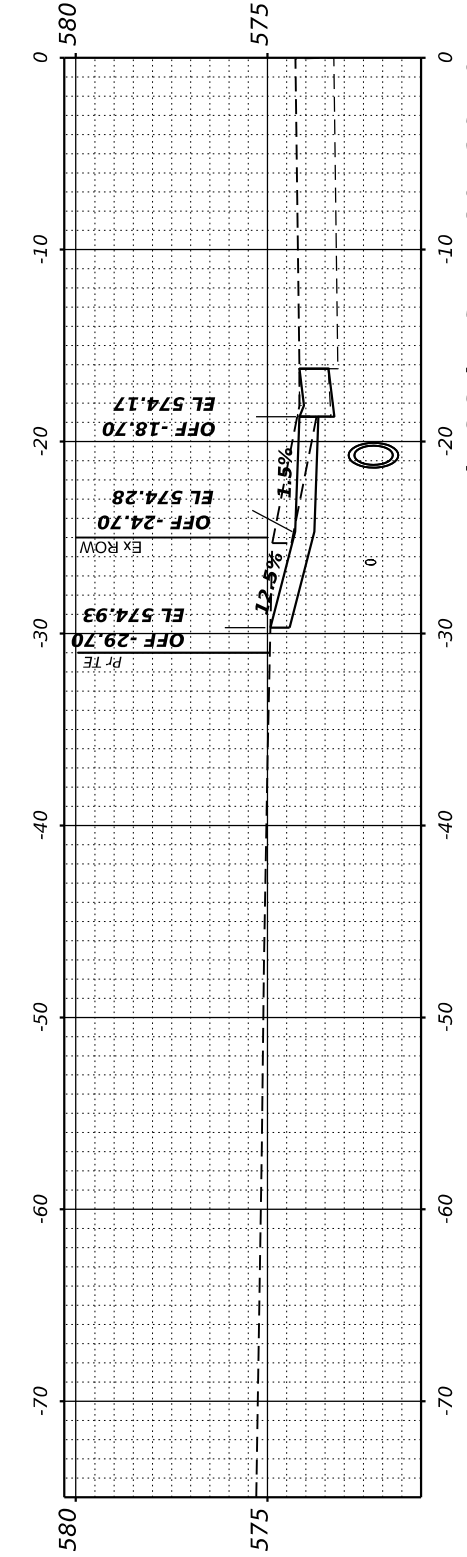
**STA 181+20.00**



**STA 181+00.00**



**STA 180+50.00**

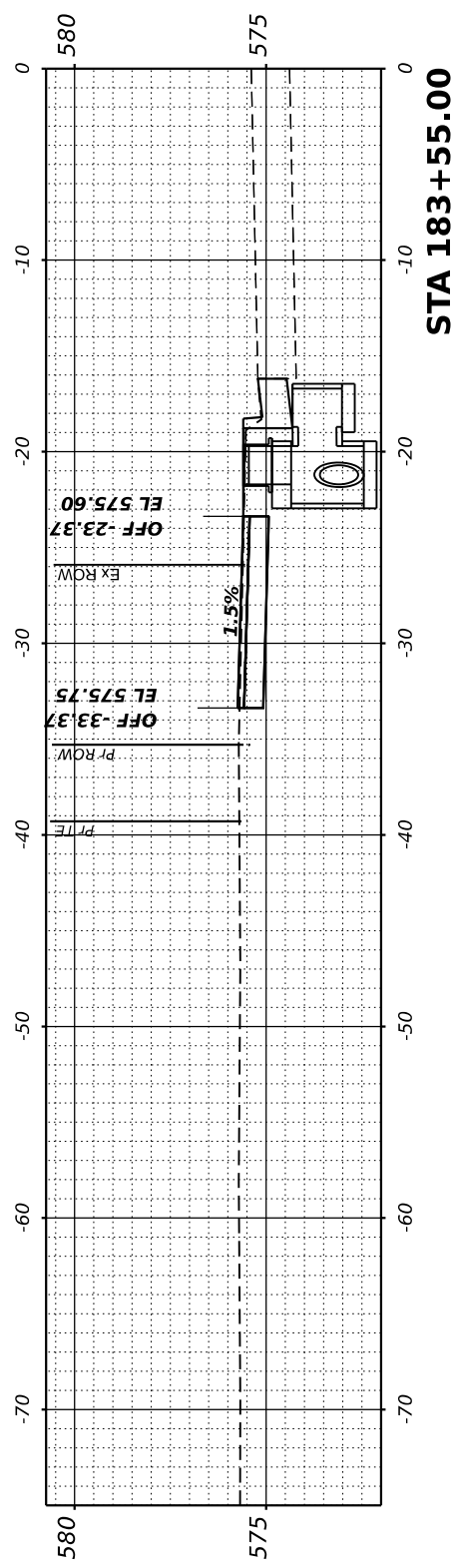


**P.E. (AGG.) - STA 180+36.49**

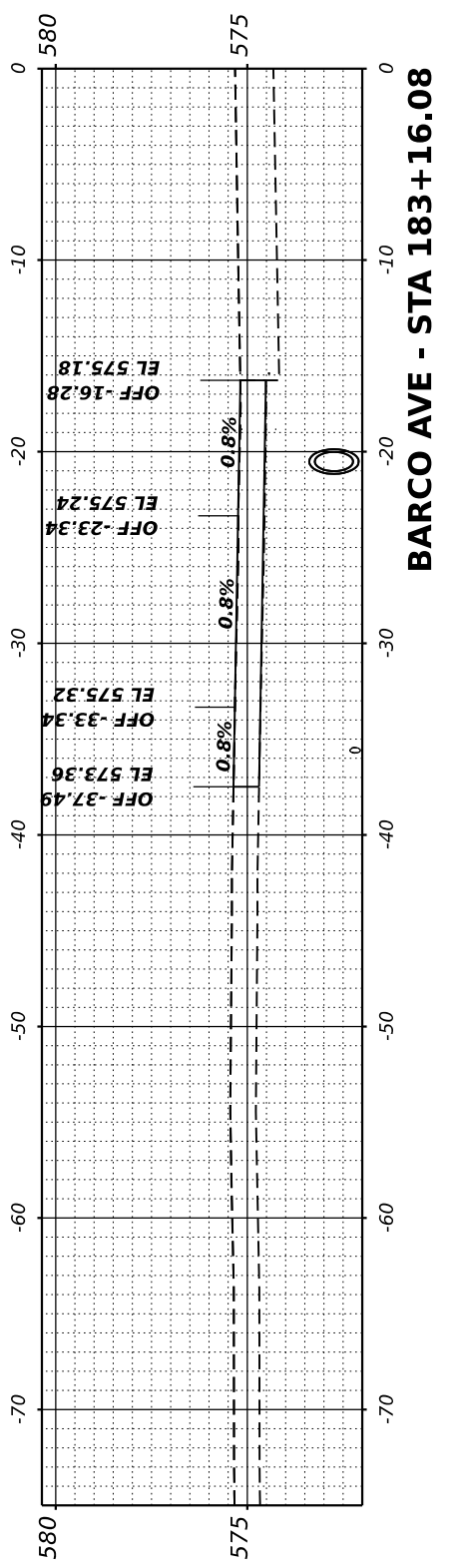
FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

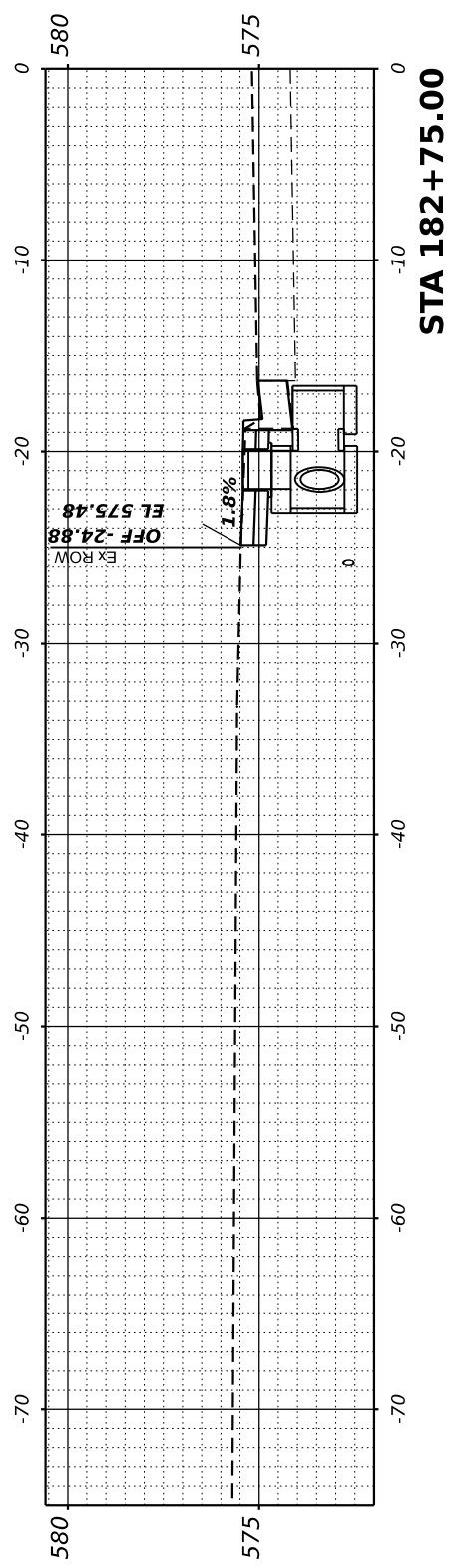
MODEL: EX OCR CL - 182+50.00  
FILE NAME: P:\2018\1804\1Phase 4\ CADD - DWG\4.7\_Tran\CADD\_Sheets\1804+1\Cross\_Section.dgn



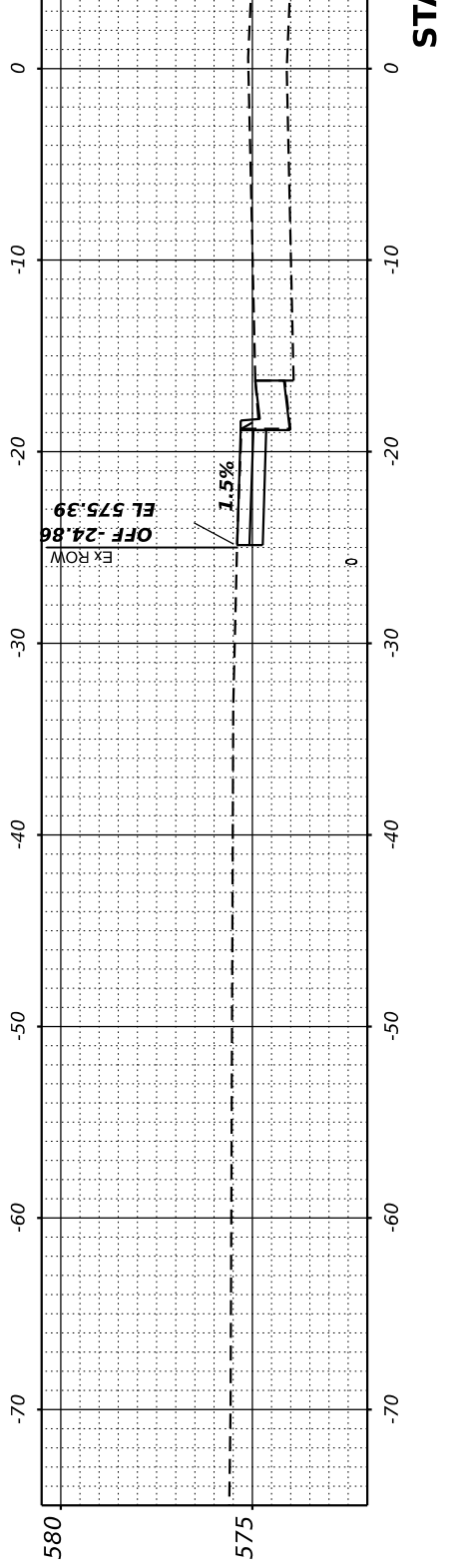
**STA 183+55.00**



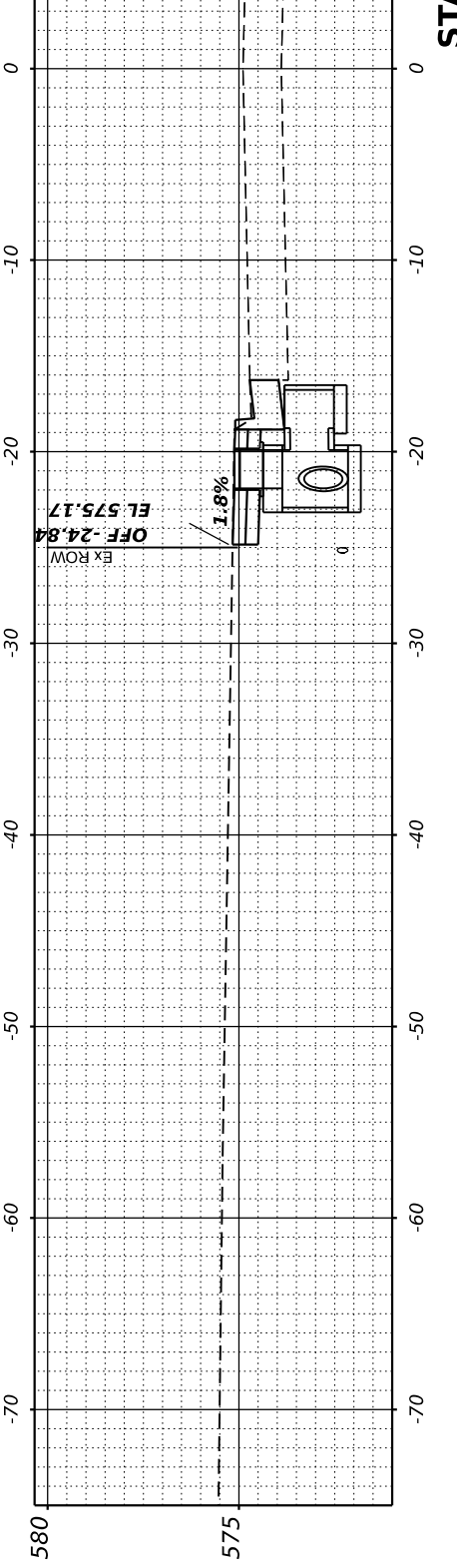
**BARCO AVE - STA 183+16.08**



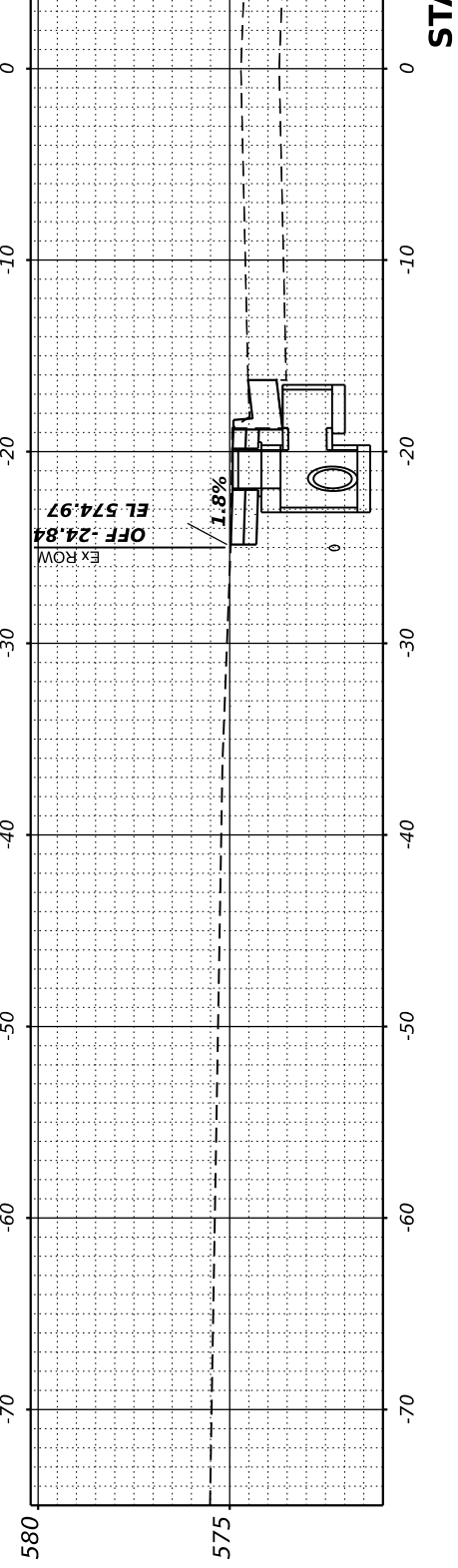
**STA 182+75.00**



**STA 182+50.00**



**STA 182+00.00**



**STA 181+54.10**



**TWM, INC.**  
www.twm-inc.com  
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller  
DESIGNED - KMO  
DRAWN - BAB  
CHECKED - JWS  
DATE - XX/XX/XXXX

REVISIONS  
REVISION NO. | DATE | DESCRIPTION



**ST. CLAIR COUNTY TRANSIT DISTRICT**

**CROSS SECTIONS**  
SCALE: 1"=10' | SHEET 28 OF 29 SHEETS | STA. 181+54.10 TO STA. 183+55.00

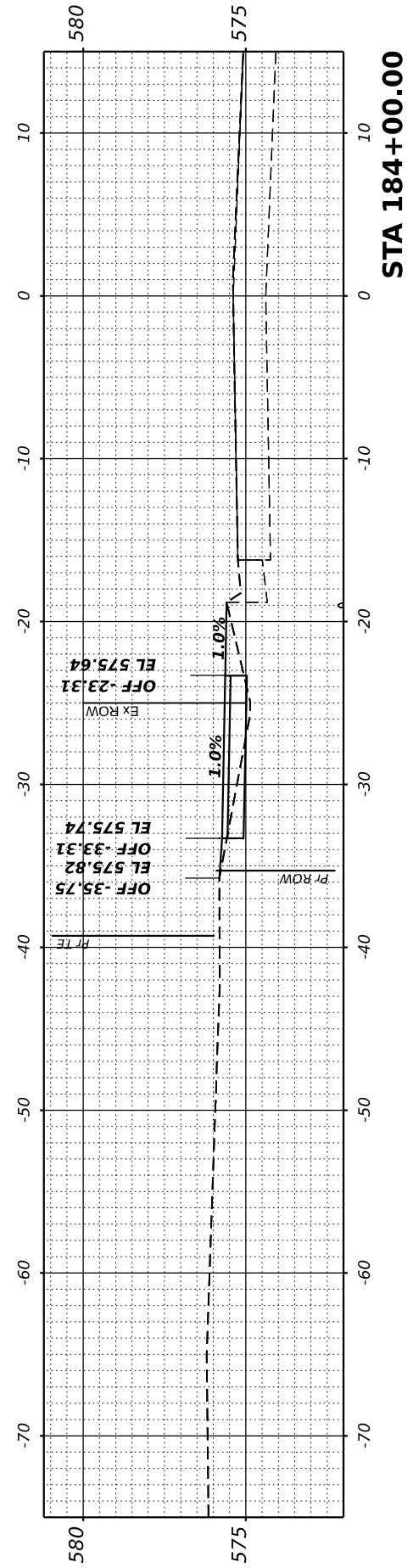
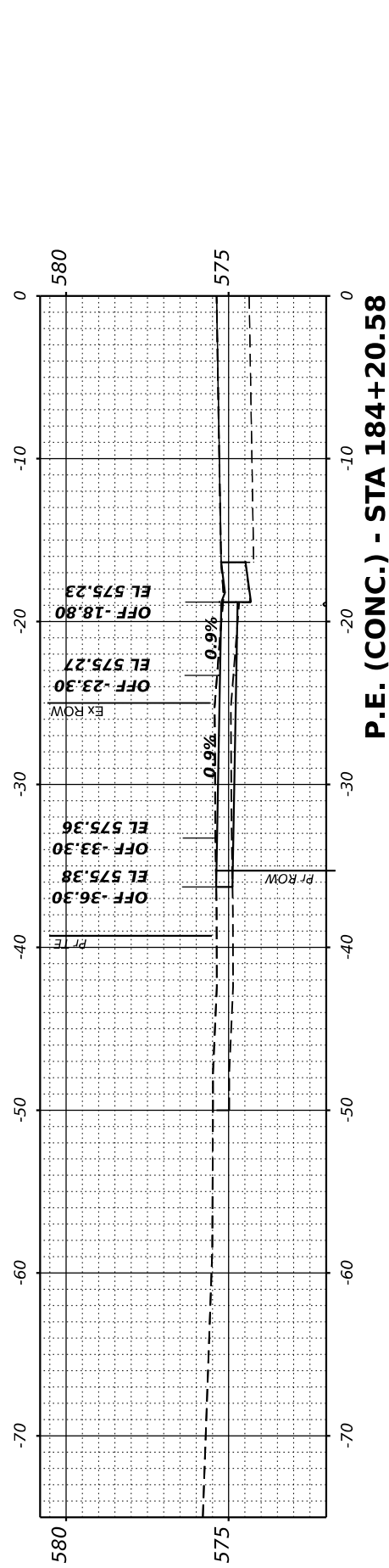
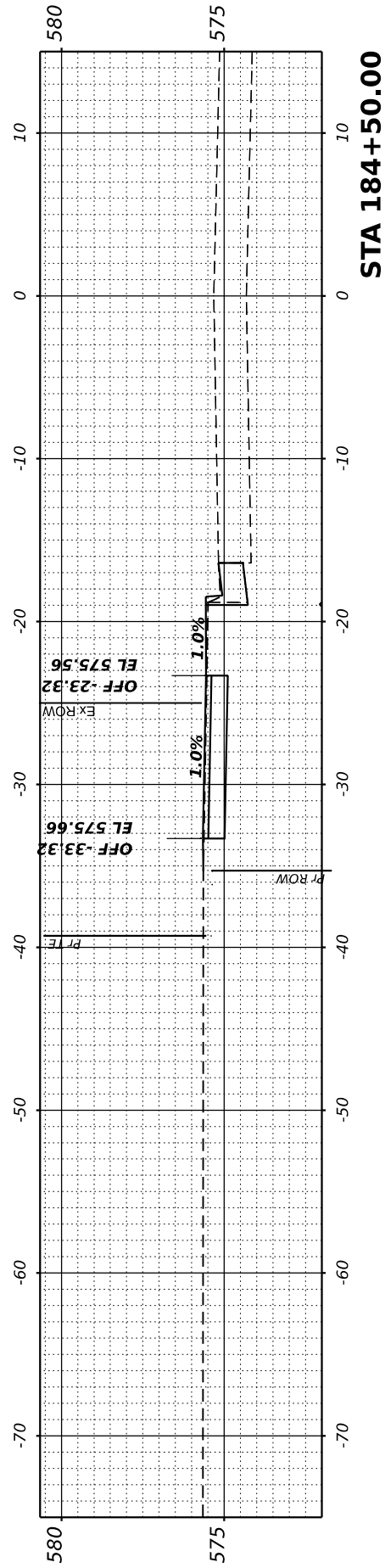
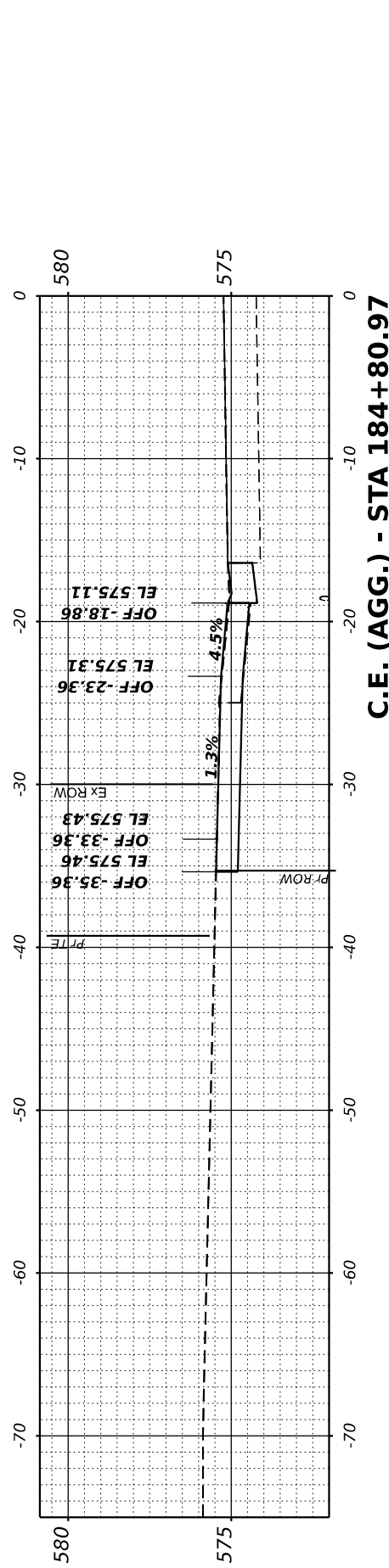
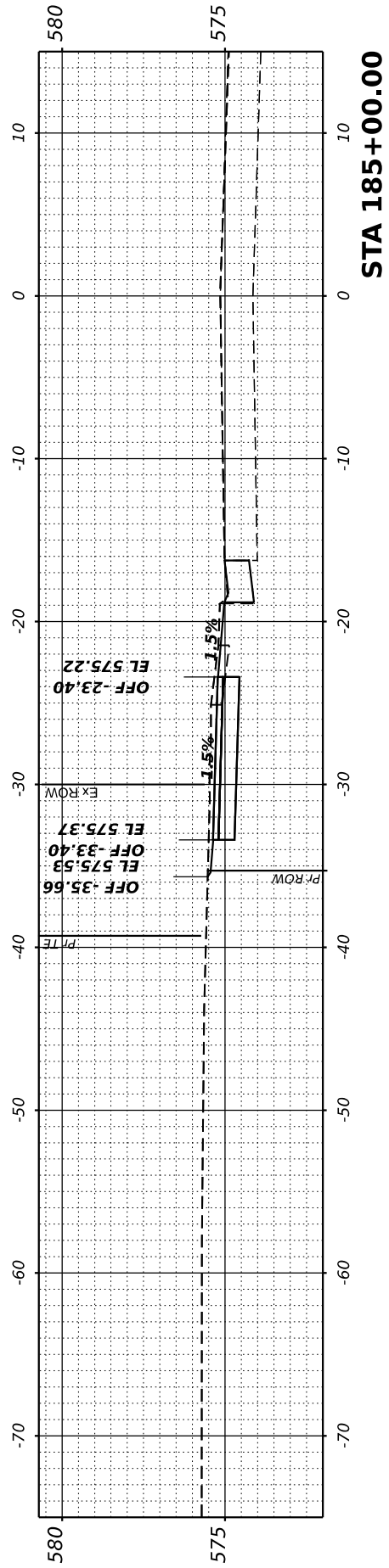
**OLD COLLINSVILLE ROAD TRAIL PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	76
CONTRACT NO.		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX\_OCR\_CL - 184+00.00  
 FILE NAME: P:\2018\184+1\Phase 4\ CADD - DWG\4.7\_Tran\CADD\_Sheets\184+1\Cross\_Section.dgn



**TWM, INC.**  
 www.twm-inc.com  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
PLOT SCALE = 0.16666692' / in.	DRAWN - BAB	REVISED -
PLOT DATE = 3/19/2024	CHECKED - JWS	REVISED -
	DATE - XX/XX/XXXX	REVISED -



**ST. CLAIR COUNTY  
 TRANSIT DISTRICT**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET 29 OF 29 SHEETS STA. 184+00.00 TO STA. 185+00.00

**OLD COLLINSVILLE  
 ROAD TRAIL  
 PHASE 4**

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	77	77
CONTRACT NO.		