

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9287	12-00066-00-SW	MADISON	28	1
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 97504	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PLANS FOR PROPOSED**

**CITY OF HIGHLAND**  
**TROXLER AVENUE (FAU ROUTE 9287)**  
**SIDEWALK IMPROVEMENTS**  
**SECTION 12-00066-00-SW**  
**MADISON COUNTY**  
**PROJECT NO. SRTS-4009 (139)**  
**C-98-338-12**

**INDEX OF SHEETS**

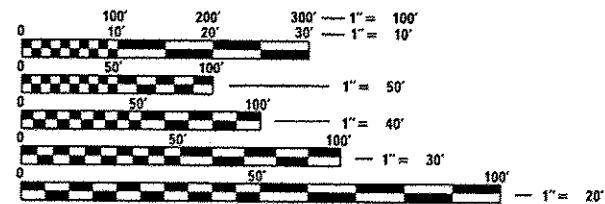
SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES AND UTILITIES
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
6	SCHEDULE OF QUANTITIES
7-9	PLAN & PROFILE SHEETS
10	TRAFFIC CONTROL PLAN
11-12	EROSION CONTROL & PAVEMENT MARKING SHEETS
13	INTERSECTION DETAILS
14-16	TRAFFIC SIGNAL PLANS
17-19	CONSTRUCTION DETAILS
20-28	CROSS SECTIONS

**HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
424001-07	PERPENDICULAR CURB RAMPS
424016-01	MID BLOCK CURB RAMPS FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-03	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604091-02	FRAME AND GRATE TYPE 24
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-03	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-05	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701801-05	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
780001-03	TYPICAL PAVEMENT MARKINGS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
878001-09	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

**DESIGN DESIGNATION**

ROADWAY CLASSIFICATION = MINOR ARTERIAL  
 DESIGN SPEED = 40 MPH



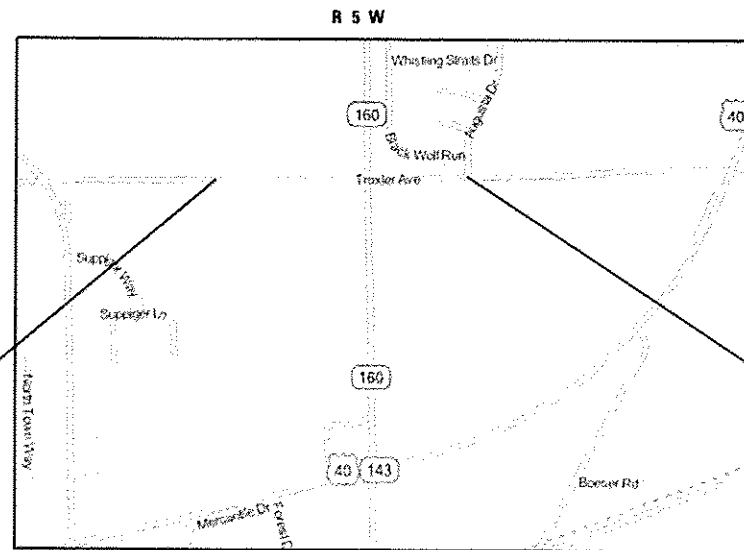
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**SCALE IN FEET**

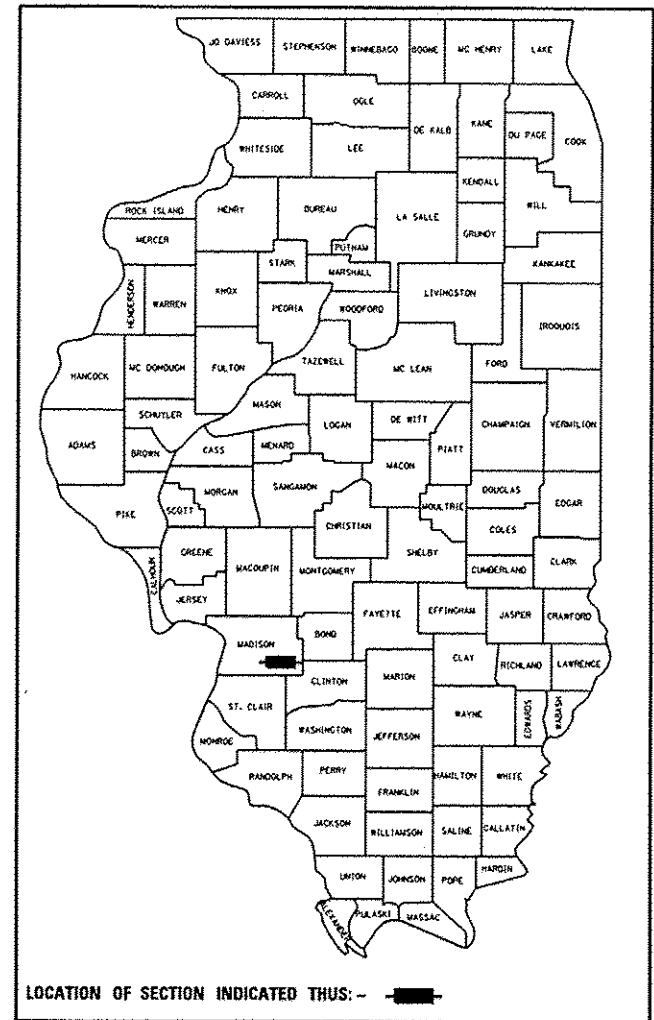
PLAN	1" = 20'
PROFILE HORIZ	1" = 20'
PROFILE VERT	1" = 5'
GROSS SECTION	1" = 10'

**BEGIN TROXLER AVE.**  
**STA. 116 + 12.96**



**LOCATION MAP**  
 NOT TO SCALE

TROXLER AVENUE = 1,789.49 FT. = 0.339 MILE

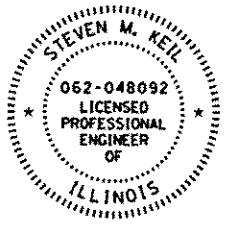


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

APPROVED: 8-29-13 DATE  
*Joseph R. Michaelis*  
 JOSEPH MICHAELIS MAYOR OF HIGHLAND

PASSED: 9-16-13 DATE  
*Joseph H. Cull*  
 DISTRICT 8 PROJECT IMPLEMENTATION ENGINEER

RELEASING FOR BID BASED ON LIMITED REVIEW: 9-16-13 DATE  
*Steve M. Keil*  
 DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER



ILLINOIS  
 Eastport Business Center 1  
 100 Lantier Court, Suite 1  
 Collinsville, IL 62234  
 tel 618.345.2200  
 fax 618.345.7233

MISSOURI  
 Laclede Gas Building  
 720 Olive, Suite 1600  
 St. Louis, MO 63101  
 tel 314.588.8381  
 fax 314.588.9605

www.oatesassociates.com

*Steven M. Keil* 9/5/13 Date  
 STEVEN M. KEIL, P.E.  
 License Expires 11/30/2013

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

**GENERAL NOTES**

**UTILITIES**

1. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E MEMBERS MUST BE NOTIFIED INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
2. ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 1.5 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
3. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.
 

CITY OF HIGHLAND (WATER, SEWER, & ELECTRIC) 2610 PLAZA DRIVE HIGHLAND, IL 62249 CONTACT: GEORGE STRAM (ELECTRIC) (618) 654-7511 CONTACT: RUSS PARKER (WATER & SEWER) (618) 654-5416	AMEREN IP (GAS) 100 LAKEFRONT PARKWAY PO BOX 570 EDWARDSVILLE, IL 62025 CONTACT: DIANE PRAZMA (618) 346-1224
CHARTER COMMUNICATIONS (CABLE TV) 210 WEST DIVISION STREET MARYVILLE, IL 62062 CONTACT: GARY WARREN (618) 779-4179	VERIZON COMM (TEL) 111 EAST STATE STREET MASCOUTAH, IL 62258 CONTACT: RON BISHOP (618) 566-9815
4. THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

**GENERAL CONSTRUCTION**

5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE LOCAL POSTMASTER FOR APPROVAL OF ALL TEMPORARY MAILBOX LOCATIONS. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
6. THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR PORTLAND CEMENT CONCRETE SIDEWALK.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
8. THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ADJUTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
9. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
10. THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
11. EARTH EXCAVATION INCLUDES THE REMOVAL OF THE EXISTING BITUMINOUS (OIL & CHIP) SURFACE AND AGGREGATE BASE. THE CONTRACTOR MAY INCORPORATE THESE MATERIALS INTO THE PROPOSED EMBANKMENT. SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
12. PRIOR TO STARTING EARTHWORK OPERATIONS IN AREAS THAT DO NOT REQUIRE EXCAVATION, THE EXISTING BITUMINOUS (OIL & CHIP) SURFACE SHALL BE SCARIFIED OR BROKEN BY MECHANICAL MEANS, REDUCING ALL PARTICLES TO A SIZE NOT LARGER THAN 3 INCHES IN THE LARGEST DIMENSION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

13. THE CONTRACTOR SHALL BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
14. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS PCC DRIVEWAY PAVEMENT ITEMS INCLUDED IN THE CONTRACT.
15. AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
16. ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT AND THE COST OF THIS REMOVAL WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

**DRAINAGE**

17. STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
18. THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
19. ALL TYPE 3 FRAMES AND GRATES SHALL BE FURNISHED BY THE CONTRACTOR WITH OPEN CURB BOXES. SEE HIGHWAY STANDARD 604006 AND THE SPECIAL PROVISIONS FOR DETAILS.
20. THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
21. ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

**MISCELLANEOUS**

22. THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.
23. THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
 

AGGREGATE FOR TEMPORARY ACCESS	50	TON
LOCATING UNDERGROUND UTILITIES	25	FOOT
24. THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
DND	DO NOT DISTURB
ESMT	EASEMENT
FES	FLARED END SECTION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
TC	TOP OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
TUP	TEMPORARY USE PERMIT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

**COMMITMENTS**

NONE TO DATE

FILE NAME : D010133-shr-gemnote.dgn	USER NAME : default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES AND UTILITIES</b>	F.A.U. RTE. 9287	SECTION 12-00066-00-5W	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 2
	PLOT TIME : 2/08/05 PM	DRAWN -	REVISED -			TROXLER AVENUE		CONTRACT NO. 97504		
	PLOT SCALE : 40.0000' / IN.	CHECKED -	REVISED -		SCALE: NTS	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	
	PLOT DATE : 9/5/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT					

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY	TRAFFIC SIGNALS
S 20200100	EARTH EXCAVATION	CU YD	415	415	
20400800	FURNISHED EXCAVATION	CU YD	90	90	
20700220	POROUS GRANULAR EMBANKMENT	CU YD	10	10	
S 20800150	TRENCH BACKFILL	CU YD	84	84	
S 21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	2,850	2,850	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	140	140	
S 28000305	TEMPORARY DITCH CHECKS	FOOT	32	32	
28000400	PERIMETER EROSION BARRIER	FOOT	995	995	
28000500	INLET AND PIPE PROTECTION	EACH	9	9	
S 28100105	STONE RIPRAP, CLASS A3	SO YD	56	56	
28200200	FILTER FABRIC	SO YD	56	56	
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SO YD	1,322	1,322	
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SO YD	637	637	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50	50	
S 42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SO YD	367	367	
S 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	174	174	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	9,300	9,300	
S 42400800	DETECTABLE WARNINGS	SO FT	150	150	
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	198	198	
44000400	CUTTER REMOVAL	FOOT	365	365	
44000600	SIDEWALK REMOVAL	SO FT	270	270	
44004250	PAVED SHOULDER REMOVAL	SO YD	371	371	
S 50105220	PIPE CULVERT REMOVAL	FOOT	47	47	
S 54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	1	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2	
54248510	CONCRETE COLLAR	CU YD	1.5	1.5	
S 550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	178	178	
S 550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	245	245	
S 550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	315	315	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1	
S 60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1	

**SUMMARY OF QUANTITIES**

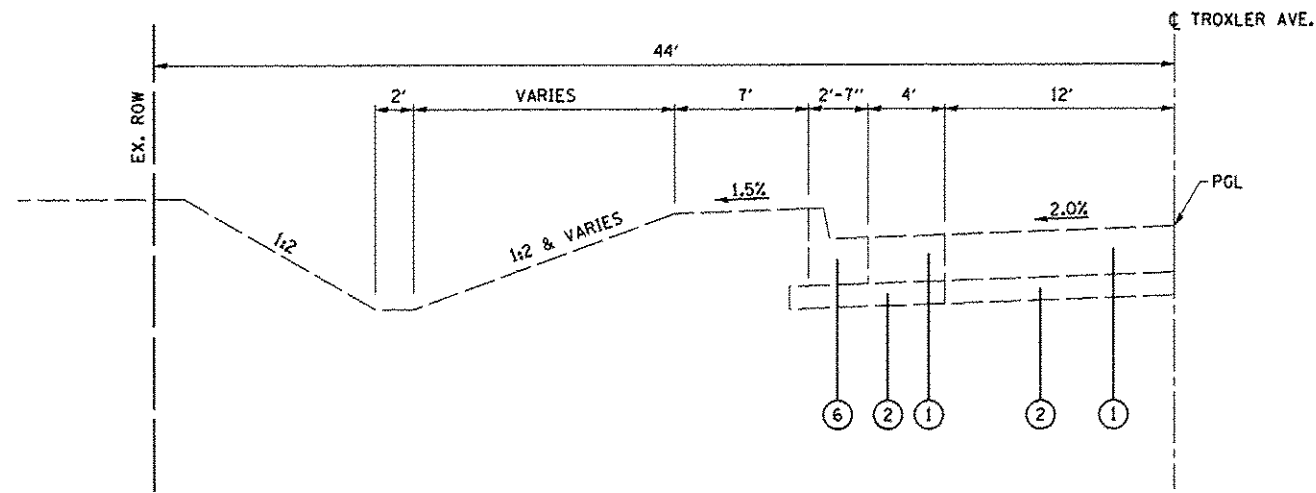
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY	TRAFFIC SIGNALS
S 60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3	3	
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	4	4	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,24	FOOT	870	870	
67100100	MOBILIZATION	L SUM	1	1	
72000100	SIGN PANEL - TYPE 1	SO FT	4		4
S • 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	18	18	
S • 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	820	820	
S • 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	520	520	
S • 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	86	86	
• 78300100	PAVEMENT MARKING REMOVAL	SO FT	122	122	
• 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	90		90
• 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	699		699
• 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	727		727
• 87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	2		2
• 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6		6
• 87900200	DRILL EXISTING HANDHOLE	EACH	2		2
• 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4		4
• 89502200	MODIFY EXISTING CONTROLLER	EACH	1		1
S X0322936	REMOVE EXISTING FLARED END SECTION	EACH	3	3	
S X0327235	LOCATING UNDERGROUND UTILITIES	FOOT	25	25	
S X2500920	SEEDING, CLASS 1A (SPECIAL)	ACRE	0.7	0.7	
S X5010523	REMOVE CONCRETE END SECTION	EACH	1	1	
S 54010602	PRECAST CONCRETE BOX CULVERT 6' X 2'	FOOT	6	6	
S X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
S • X8140115	HANDHOLE TO BE ADJUSTED	EACH	1		1
S • X8880010	ADA PEDESTRIAN PUSH-BUTTON	EACH	4		4

NOTES:

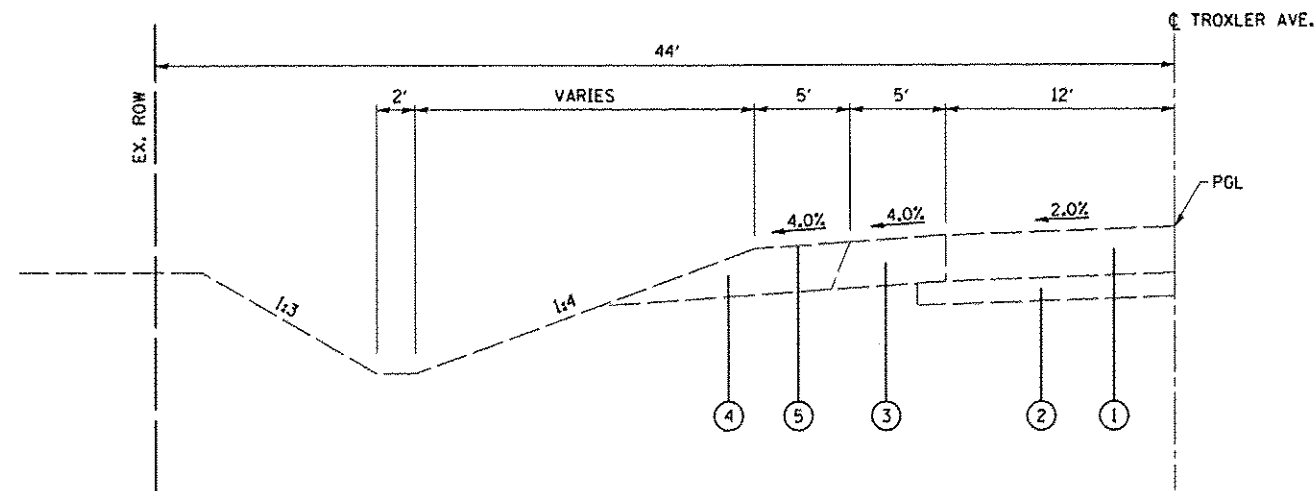
- S SEE PROJECT SPECIFIC SPECIAL PROVISIONS
- SPECIALTY ITEM

**TYPICAL SECTION LEGEND**

- ① EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ② EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4"
- ③ EXISTING BITUMINOUS SHOULDERS 8" (TO BE REMOVED)
- ④ EXISTING AGGREGATE SHOULDERS, TYPE A 8" (TO BE REMOVED) [4]
- ⑤ EXISTING BITUMINOUS SURFACE TREATMENT A-2 (TO BE REMOVED) [4]
- ⑥ EXISTING CURB & GUTTER, TYPE B-6.24
- ⑦ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑧ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4"
- ⑩ PROPOSED TOPSOIL FURNISH & PLACE, 4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑫ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ⑬ PROPOSED NO. 6 X 24 EPOXY COATED TIE BARS AT 24" CTS (SEE HWY STD 420001)
- ⑭ PROPOSED EXPANSION JOINT (SEE PROJECT SPECIFIC SPECIAL PROVISION)



**EXISTING TROXLER AVENUE**  
STA. 125+32.50 TO STA. 134+02.45

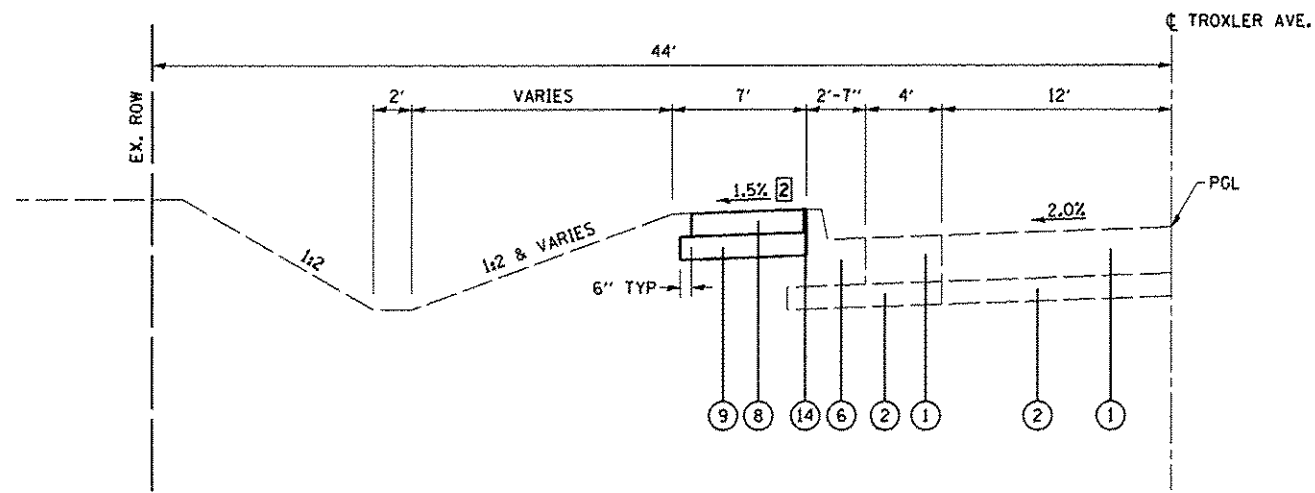


**EXISTING TROXLER AVENUE**  
STA. 116+12.96 TO STA. 124+50.11

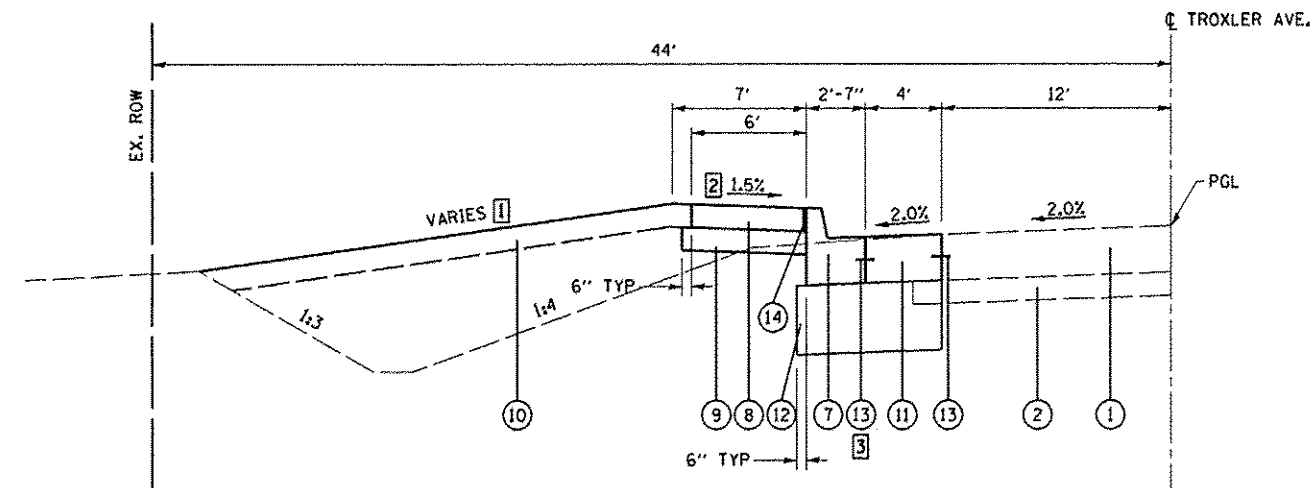
**TYPICAL SECTION NOTES**

- [1] SEE CROSS SECTIONS.
- [2] SIDEWALK CROSS SLOPE SHALL BE 1.5% NOMINAL, 2.0% MAX AND 1.0% MIN.
- [3] THE TIE BAR BETWEEN THE CURB AND GUTTER AND WIDENING CAN BE ELIMINATED IF THE TWO ARE CONSTRUCTED MONOLITHICALLY.
- [4] AGGREGATE SHOULDER AND BITUMINOUS SURFACING REMOVAL IS INCLUDED IN THE COST OF EARTH EXCAVATION.
- [5] PCC PAVEMENT SHALL MATCH EXISTING JOINTED, REINFORCED PCC PAVEMENT STRUCTURE. PLACE JOINTS IN PROLONGATION WITH EXISTING.

FILE NAME : 0810133*sh*t*typico1.dgn	USER NAME : default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>	F.A.U. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT TIME : 2:00:10 PM	DRAWN -	REVISED -			9287	12-00066-00-SW	MADISON	28	4	
	PLOT SCALE : 40,000 ' / IN.	CHECKED -	REVISED -			CONTRACT NO. 97504					
	PLOT DATE : 9/5/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.					



**PROPOSED TROXLER AVENUE**  
STA. 125+32.50 TO STA. 134+02.45



**PROPOSED TROXLER AVENUE**  
STA. 116+12.96 TO STA. 124+50.11

**TYPICAL SECTION LEGEND**

- ① EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ② EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4"
- ③ EXISTING BITUMINOUS SHOULDERS 8" (TO BE REMOVED)
- ④ EXISTING AGGREGATE SHOULDERS, TYPE A 8" (TO BE REMOVED) ④
- ⑤ EXISTING BITUMINOUS SURFACE TREATMENT A-2 (TO BE REMOVED) ④
- ⑥ EXISTING CURB & GUTTER, TYPE B-6.24
- ⑦ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑧ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4"
- ⑩ PROPOSED TOPSOIL FURNISH & PLACE, 4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑤
- ⑫ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ⑬ PROPOSED NO. 6 X 24 EPOXY COATED TIE BARS AT 24" CTS (SEE HWY STD 420001)
- ⑭ PROPOSED EXPANSION JOINT (SEE PROJECT SPECIFIC SPECIAL PROVISION)

**TYPICAL SECTION NOTES**

- ① SEE CROSS SECTIONS.
- ② SIDEWALK CROSS SLOPE SHALL BE 1.5% NOMINAL, 2.0% MAX AND 1.0% MIN.
- ③ THE TIE BAR BETWEEN THE CURB AND GUTTER AND WIDENING CAN BE ELIMINATED IF THE TWO ARE CONSTRUCTED MONOLITHICALLY.
- ④ AGGREGATE SHOULDER AND BITUMINOUS SURFACING REMOVAL IS INCLUDED IN THE COST OF EARTH EXCAVATION.
- ⑤ PCC PAVEMENT SHALL MATCH EXISTING JOINTED, REINFORCED PCC PAVEMENT STRUCTURE. PLACE JOINTS IN PROLONGATION WITH EXISTING.

FILE NAME * DB10133*ent-typical.dgn	USER NAME * default PLOT TIME * 2:08:10 PM PLOT SCALE * 40.000 1/ IN. PLOT DATE * 9/5/2013	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>	SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.	F.A.U. RTE. 9287	SECTION 12-00066-00-SW	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 5	CONTRACT NO. 97504 ILLINOIS FED. AID PROJECT
--	---	--	--	---	-------------------------	---	---------------------	---------------------------	-------------------	--------------------	----------------	---

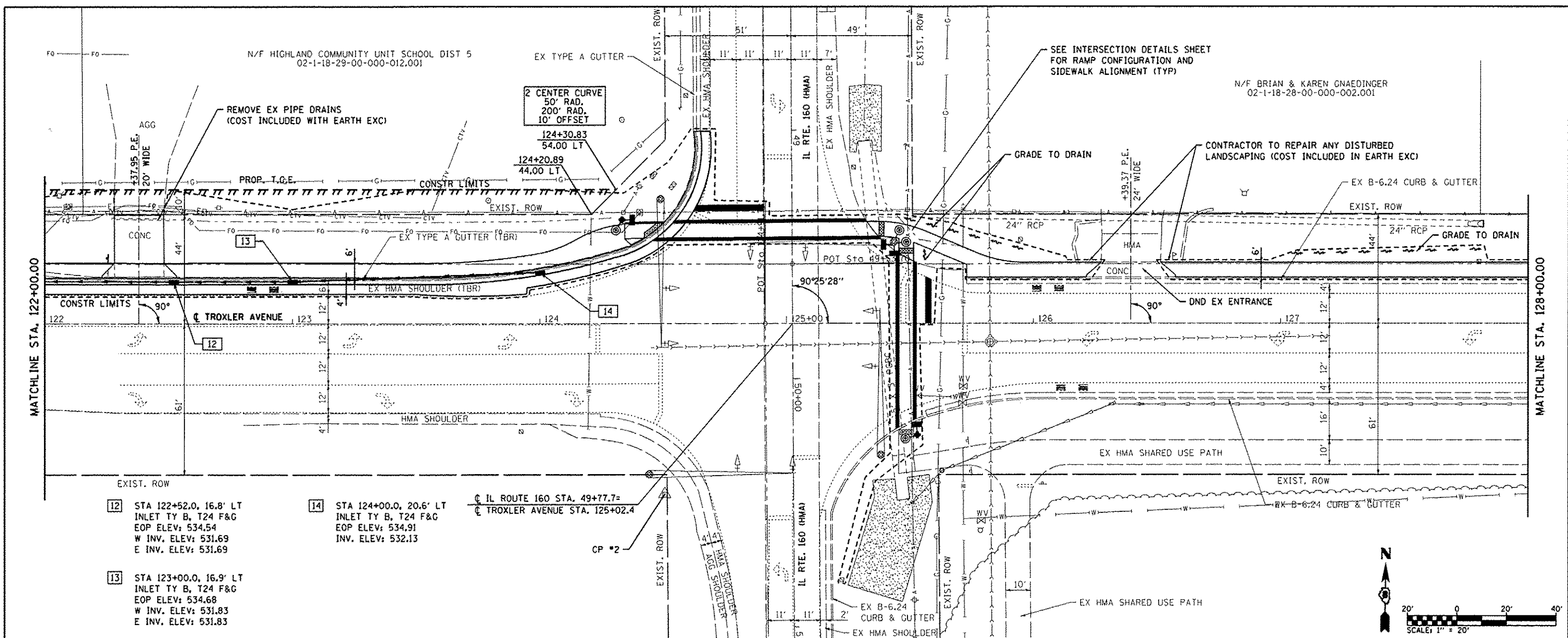




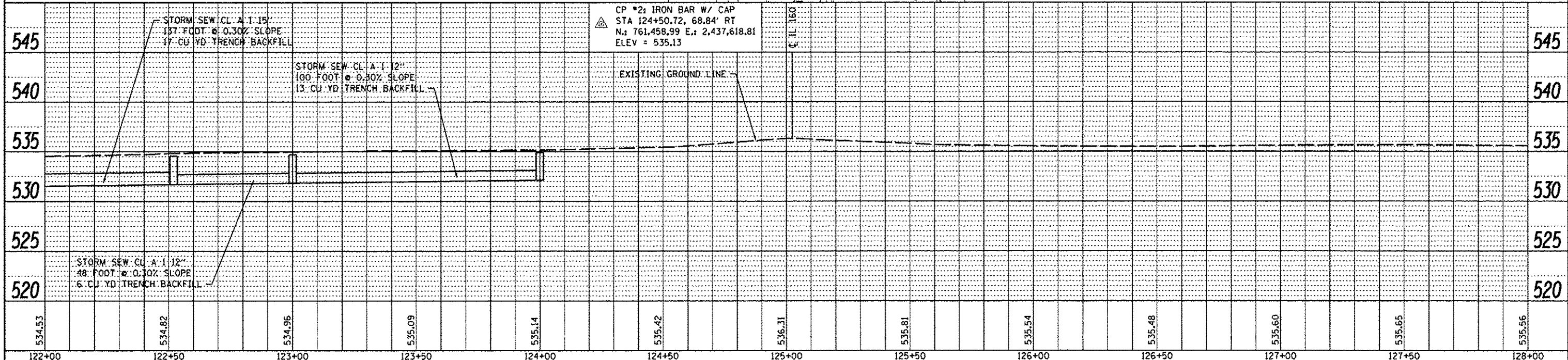
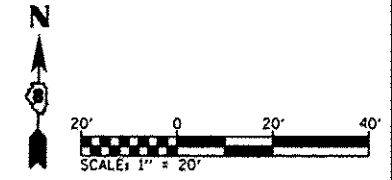


DATE	
BY	
APPROVED	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
APPROVED	
PROFILE	
NOTE BOOK	
NO.	



- 12 STA 122+52.0, 16.8' LT  
INLET TY B, T24 F&G  
EOP ELEV: 534.54  
W INV. ELEV: 531.69  
E INV. ELEV: 531.69
- 13 STA 123+00.0, 16.9' LT  
INLET TY B, T24 F&G  
EOP ELEV: 534.68  
W INV. ELEV: 531.83  
E INV. ELEV: 531.83
- 14 STA 124+00.0, 20.6' LT  
INLET TY B, T24 F&G  
EOP ELEV: 534.91  
INV. ELEV: 532.13

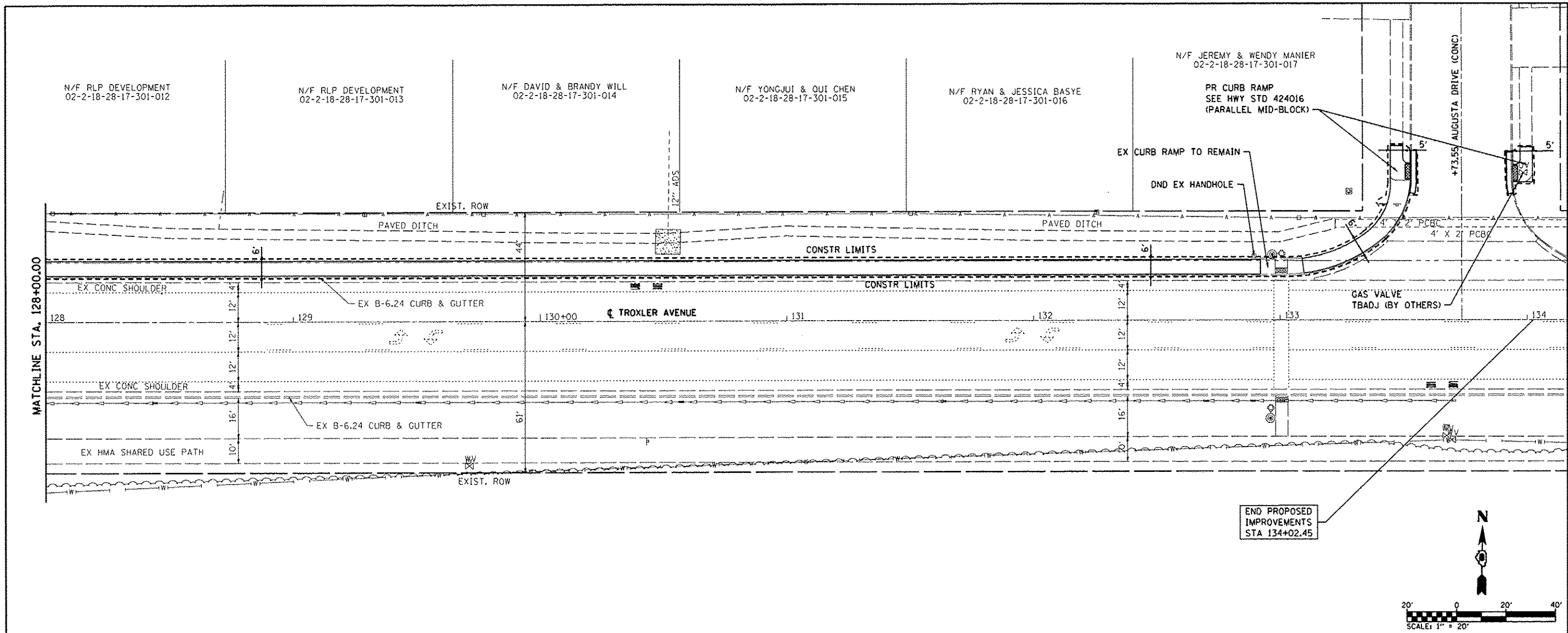


FILE NAME: 0818133-shr-plnprf.dgn	USER NAME: default	DESIGNED: -	REVISED: -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TROXLER AVE.</b> <b>PLAN &amp; PROFILE SHEET</b>		F.A.U. RTE. 9287	SECTION 12-00066-00-SW	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 8
PLOT TIME: 2:06:10 PM	PLOT SCALE: 40.0000' / IN.	DRAWN: -	REVISED: -		SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA. 122+00 TO STA. 128+00	CONTRACT NO. 97504		ILLINOIS FED. AID PROJECT	
PLOT DATE: 9/5/2013		CHECKED: -	REVISED: -								
		DATE: -	REVISED: -								

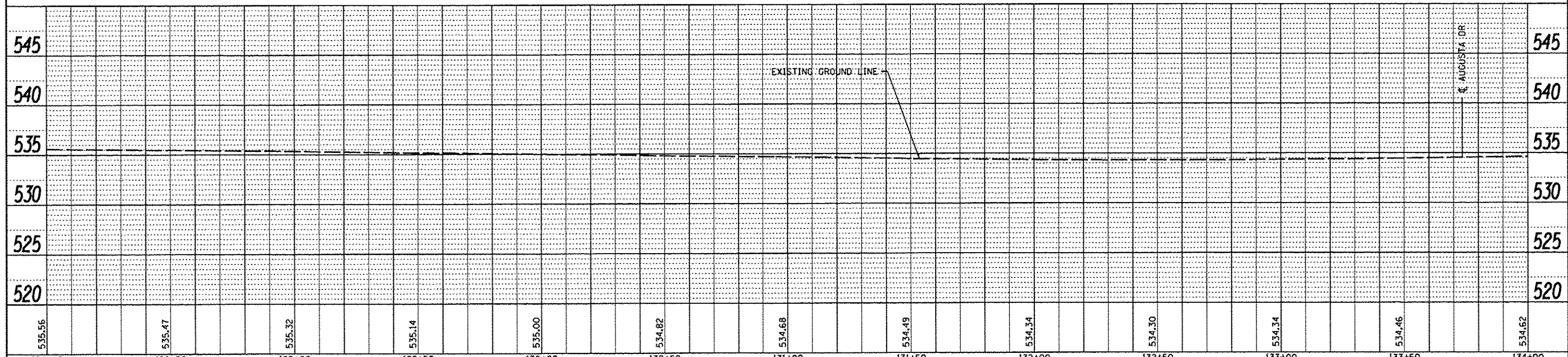
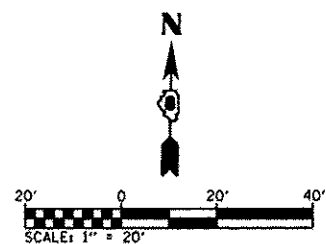


PLAN	DATE
SURVEYED	BY
PLOTTED	
REVISIONS	
NOTE BOOK	
CADD FILE NAME	
NO.	

PROFILE	DATE
DESIGNED	BY
PLOTTED	
REVISIONS	
NOTE BOOK	
STRUCTURE	
NO.	



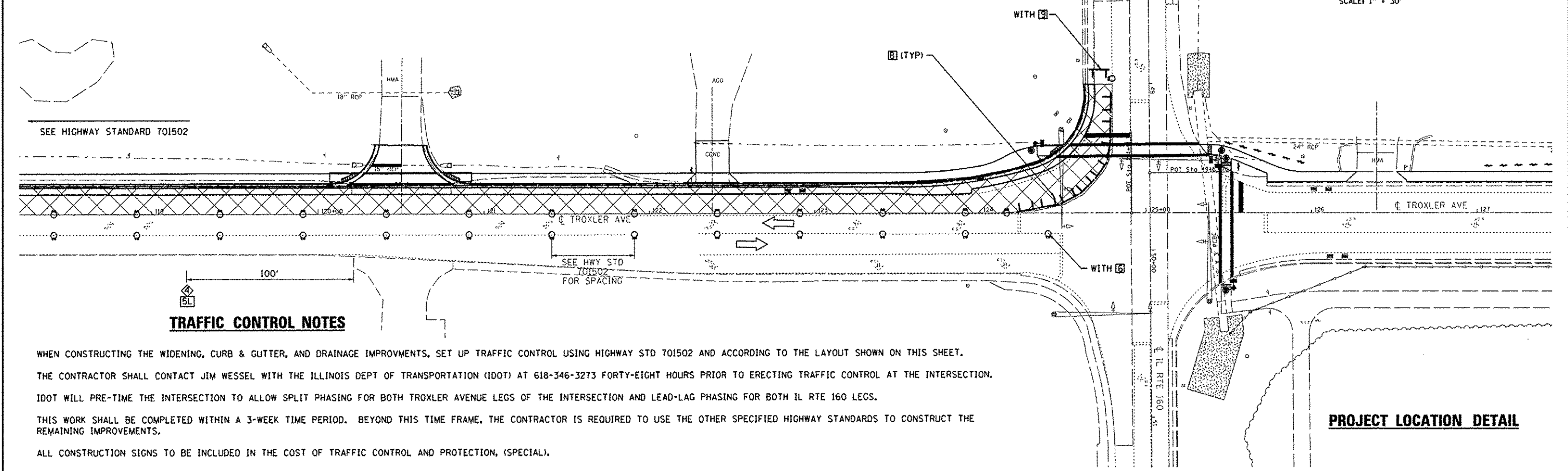
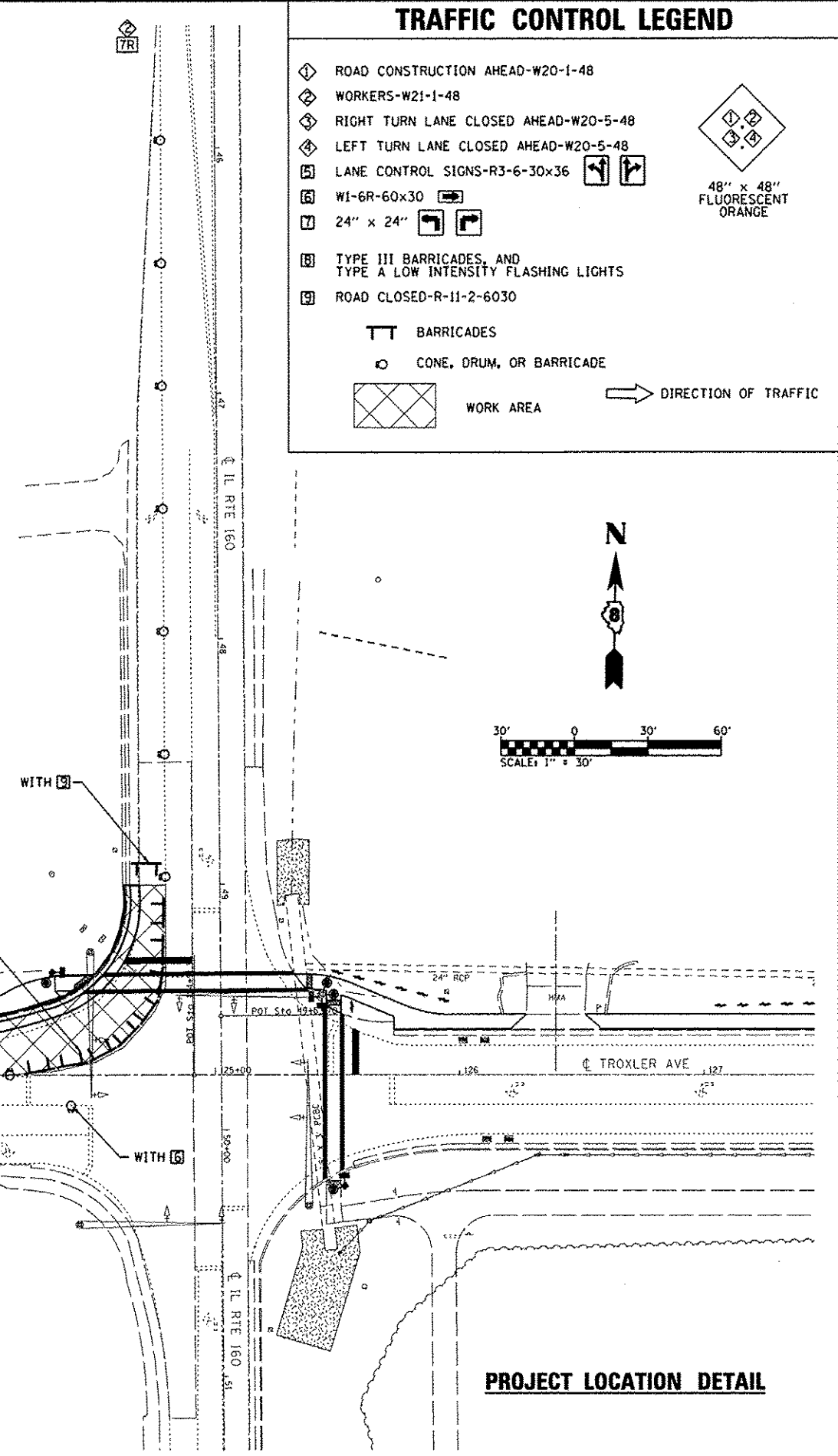
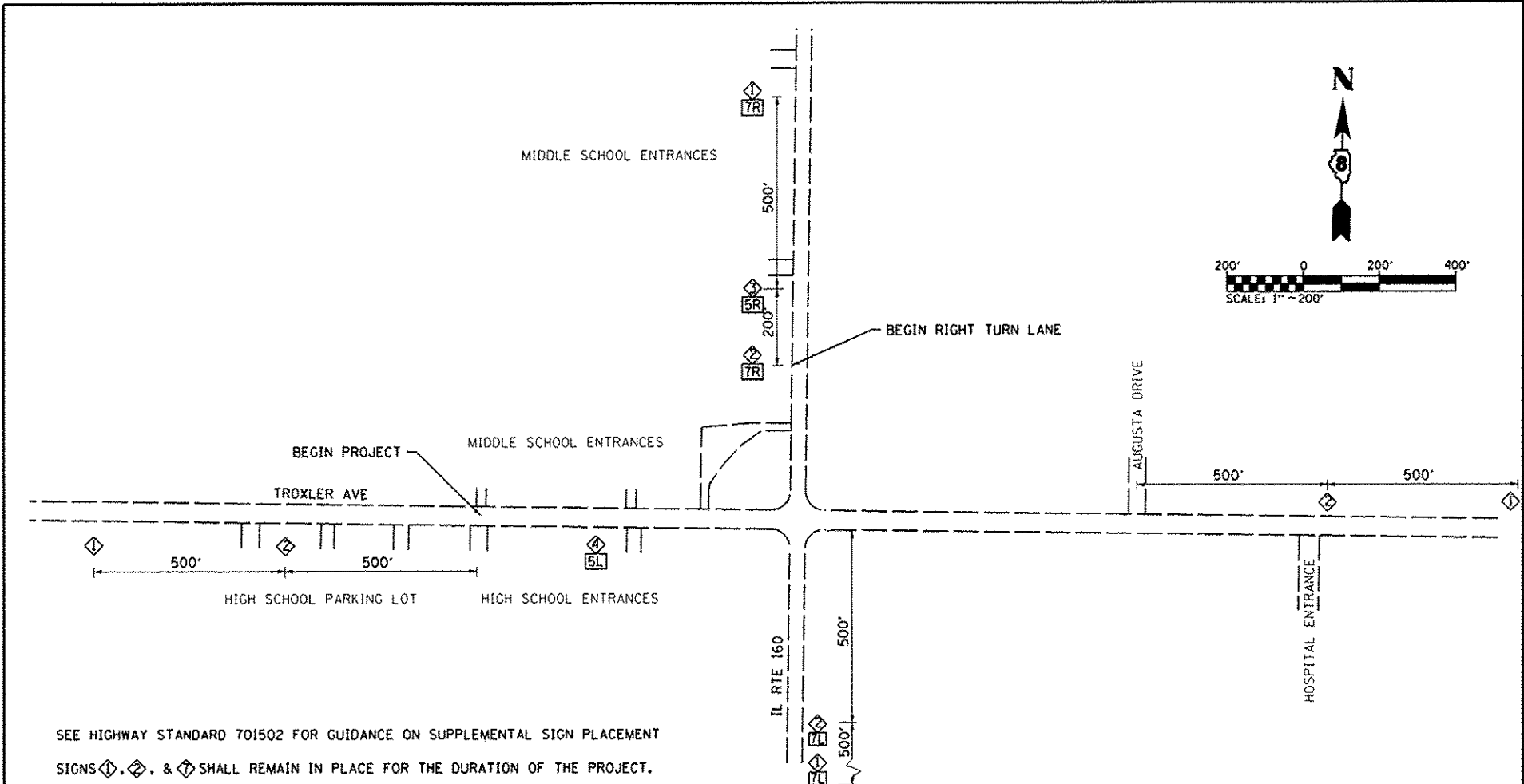
END PROPOSED IMPROVEMENTS STA 134+02.45



FILE NAME : 0810133-hst-plnprf.dgn	USER NAME : default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TROXLER AVE. PLAN &amp; PROFILE SHEET</b>		F.A.U. RTE. 9287	SECTION 12-00066-00-SW	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 9
	PLOT TIME : 2:06:22 PM	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET 3 OF 3 SHEETS	STA. 128+00 TO STA. 134+15	CONTRACT NO. 97504		ILLINOIS FED. AID PROJECT	
	PLOT SCALE : 40.0000' / IN.	CHECKED -	REVISED -								
	PLOT DATE : 9/5/2013	DATE -	REVISED -								

### TRAFFIC CONTROL LEGEND

	ROAD CONSTRUCTION AHEAD-W20-1-48	
	WORKERS-W21-1-48	
	RIGHT TURN LANE CLOSED AHEAD-W20-5-48	
	LEFT TURN LANE CLOSED AHEAD-W20-5-48	
	LANE CONTROL SIGNS-R3-6-30x36	
	W1-6R-60x30	
	24" x 24"	
	ROAD CLOSED-R-11-2-6030	
	BARRICADES	
	CONE, DRUM, OR BARRICADE	
	WORK AREA	
		DIRECTION OF TRAFFIC



SEE HIGHWAY STANDARD 701502 FOR GUIDANCE ON SUPPLEMENTAL SIGN PLACEMENT  
SIGNS , , & SHALL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT.

SEE HIGHWAY STANDARD 701502

SEE HWY STD 701502 FOR SPACING

#### TRAFFIC CONTROL NOTES

WHEN CONSTRUCTING THE WIDENING, CURB & GUTTER, AND DRAINAGE IMPROVMENTS, SET UP TRAFFIC CONTROL USING HIGHWAY STD 701502 AND ACCORDING TO THE LAYOUT SHOWN ON THIS SHEET.

THE CONTRACTOR SHALL CONTACT JIM WESSEL WITH THE ILLINOIS DEPT OF TRANSPORTATION (IDOT) AT 618-346-3273 FORTY-EIGHT HOURS PRIOR TO ERECTING TRAFFIC CONTROL AT THE INTERSECTION.

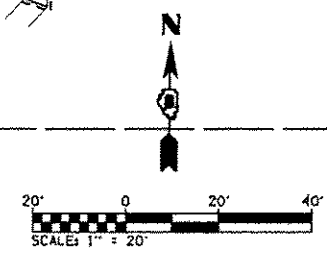
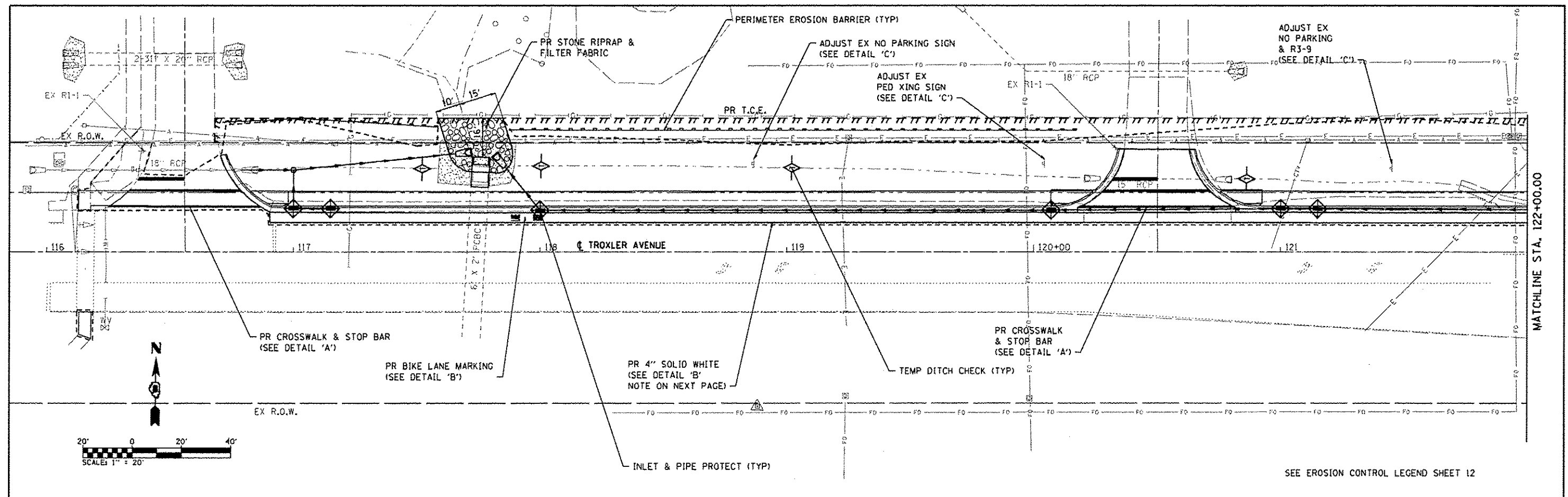
IDOT WILL PRE-TIME THE INTERSECTION TO ALLOW SPLIT PHASING FOR BOTH TROXLER AVENUE LEGS OF THE INTERSECTION AND LEAD-LAG PHASING FOR BOTH IL RTE 160 LEGS.

THIS WORK SHALL BE COMPLETED WITHIN A 3-WEEK TIME PERIOD. BEYOND THIS TIME FRAME, THE CONTRACTOR IS REQUIRED TO USE THE OTHER SPECIFIED HIGHWAY STANDARDS TO CONSTRUCT THE REMAINING IMPROVEMENTS.

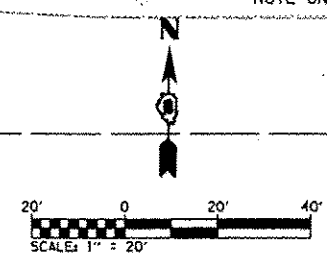
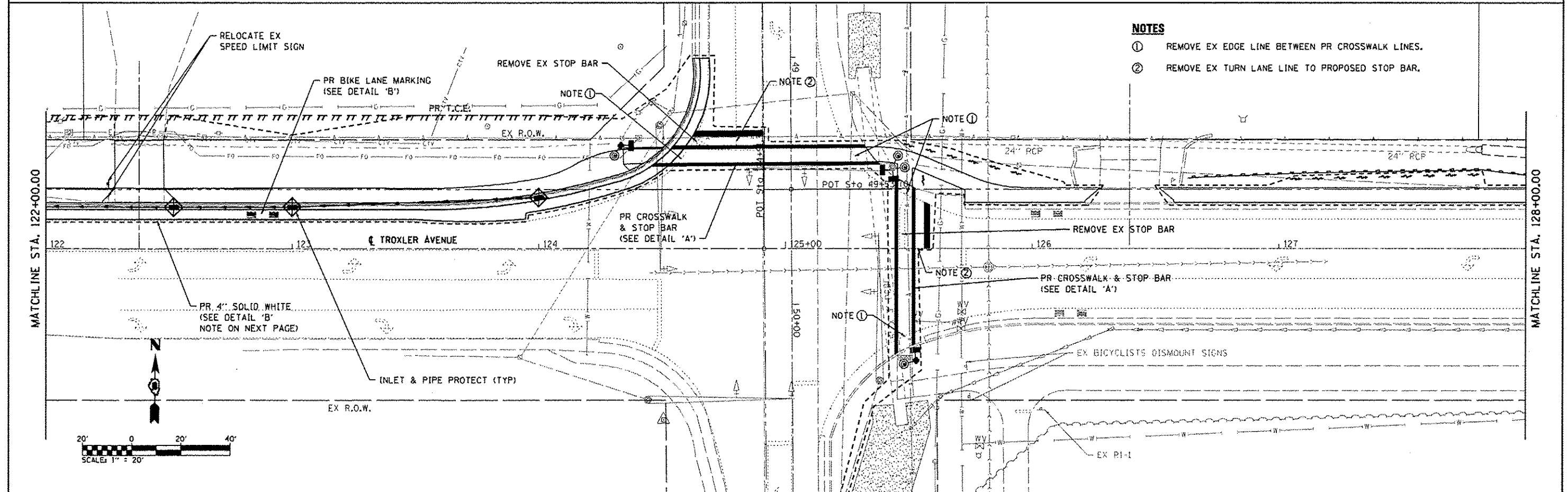
ALL CONSTRUCTION SIGNS TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

#### PROJECT LOCATION DETAIL

FILE NAME : 0810133-shr-atoging.dgn	USER NAME : default PLOT TIME : 2/12/27 PM PLOT SCALE : 50.0000' / 1" PLOT DATE : 9/5/2013	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL PLAN</b>	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.	F.A.J. RTE. 9287	SECTION 12-00066-00-SW	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 10	CONTRACT NO. 97504	ILLINOIS FED. AID PROJECT
--	---	--	--	---	-----------------------------	---	------------------	------------------------	----------------	-----------------	--------------	--------------------	---------------------------

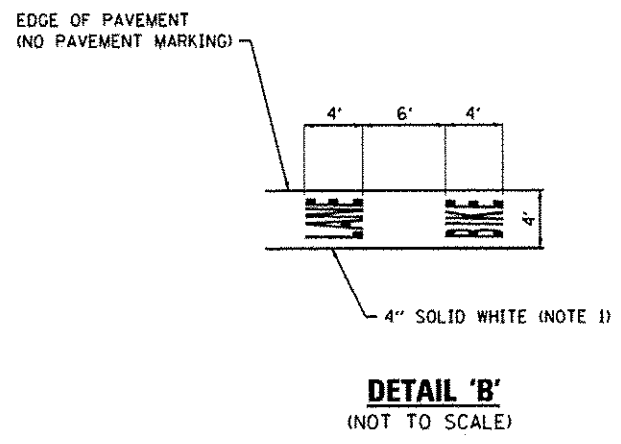
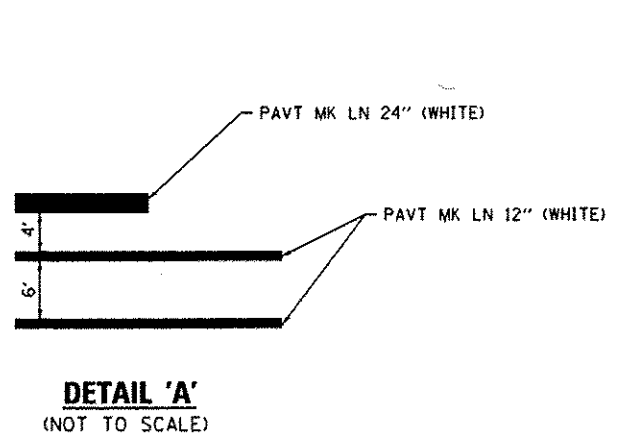
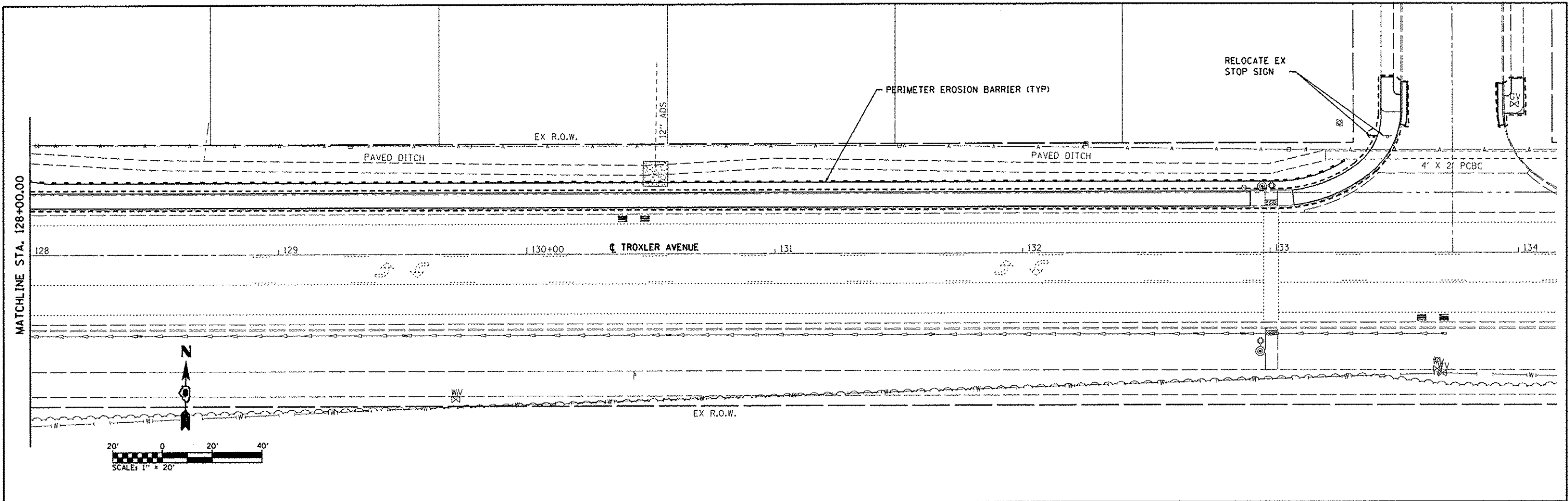


SEE EROSION CONTROL LEGEND SHEET 12

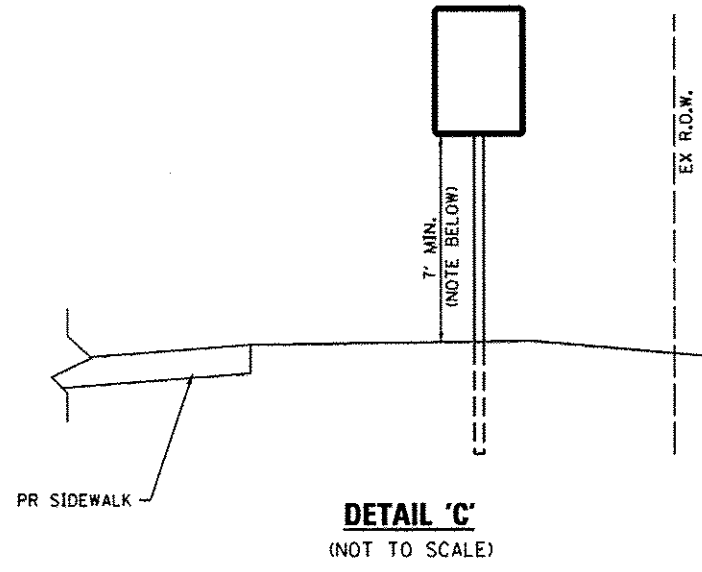


- NOTES**
- ① REMOVE EX EDGE LINE BETWEEN PR CROSSWALK LINES.
  - ② REMOVE EX TURN LANE LINE TO PROPOSED STOP BAR.

FILE NAME D010133-ent-eros-pmk.dgn	USER NAME default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL &amp; PAVEMENT MARKING SHEETS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME 8/19/20 AM	DRAWN -	REVISED -			9287	12-00066-00-SW	MADISON	28	11
	PLOT SCALE 40,0000 / IN.	CHECKED -	REVISED -	SCALE: 1"=20'    SHEET NO. 1 OF 2 SHEETS    STA. 116+00 TO STA. 128+00		CONTRACT NO. 97504				
	PLOT DATE 9/11/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT						



NOTE: A QUANTITY FOR PROPOSED PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS. HOWEVER, IF THE EXISTING EDGE LINE IS NOT DISTURBED AND THE ENGINEER DEEMS THE EXISTING TO BE SATISFACTORY, NO PROPOSED MARKING IS REQUIRED.



NOTE: WHEN TWO SIGN PANELS ARE PRESENT, THE REQUIRED HEIGHT CAN BE REDUCED TO 5' ABOVE THE FINISHED GROUND LINE TO THE BOTTOM OF THE SIGN.

**EROSION CONTROL LEGEND**

- LIMITS OF CONSTRUCTION
- ◇ TEMPORARY DITCH CHECK
- ▨ STONE RIPRAP
- PERIMETER EROSION BARRIER  
SILT FILTER FENCE OR OTHER  
AS APPROVED BY THE ENGINEER
- ◇ INLET AND PIPE PROTECTION

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

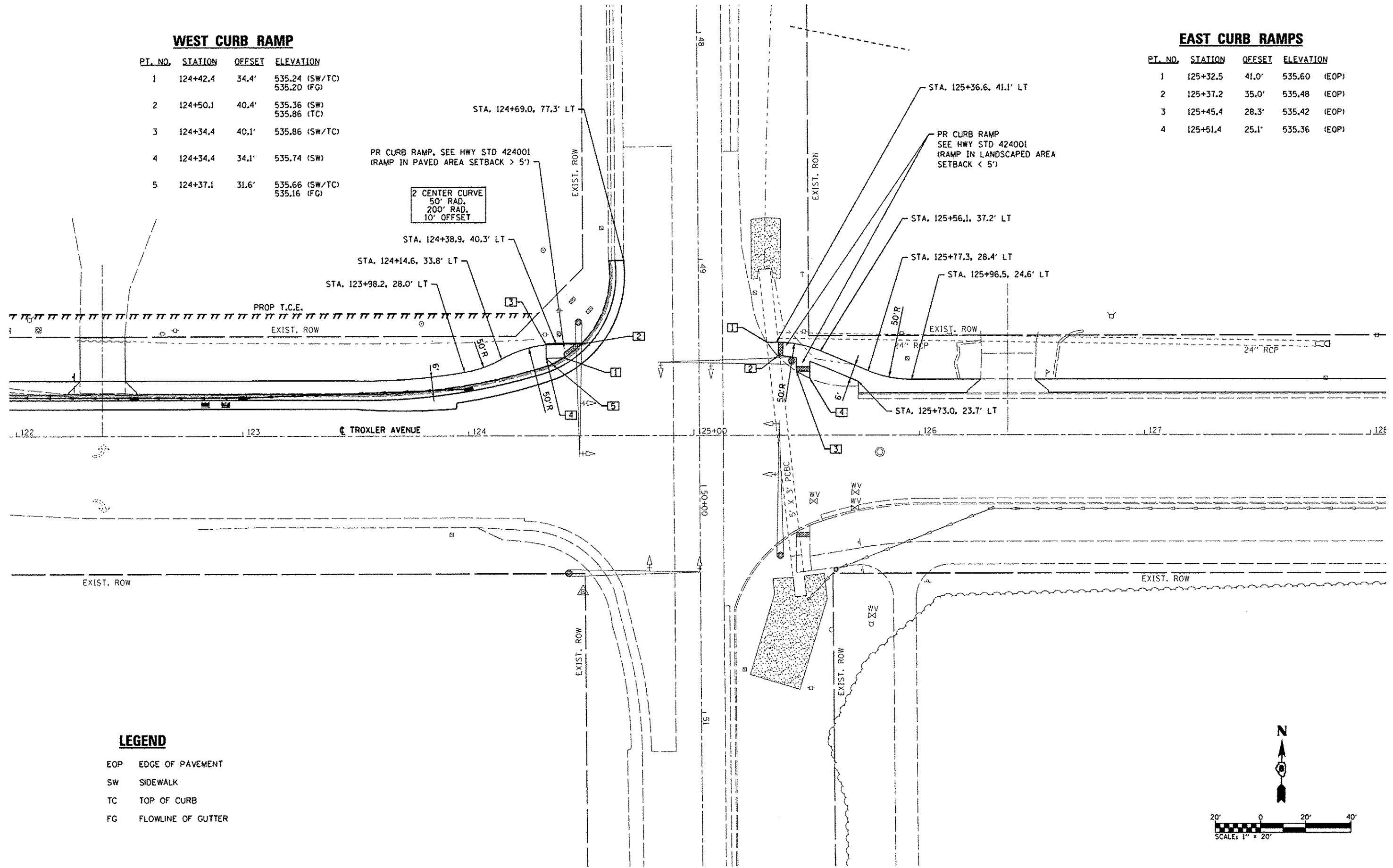
FILE NAME : 0810133-shr-eres-pmk.dgn	USER NAME : default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL &amp; PAVEMENT MARKING SHEETS</b>			F.A.J. RTE. 9287	SECTION 12-00066-00-SW	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 12
	PLOT TIME : 2:06:27 PM	DRAWN -	REVISED -					CONTRACT NO. 97504				
	PLOT SCALE : 40,0000 "/> <td>CHECKED -</td> <td>REVISED -</td> <td colspan="4" style="text-align: center;">ILLINOIS FED. AID PROJECT</td>	CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT				
	PLOT DATE : 9/5/2013	DATE -	REVISED -					SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. 128+00 TO STA. 134+15				

**WEST CURB RAMP**

PT. NO.	STATION	OFFSET	ELEVATION
1	124+42.4	34.4'	535.24 (SW/TC) 535.20 (FG)
2	124+50.1	40.4'	535.36 (SW) 535.86 (TC)
3	124+34.4	40.1'	535.86 (SW/TC)
4	124+34.4	34.1'	535.74 (SW)
5	124+37.1	31.6'	535.66 (SW/TC) 535.16 (FG)

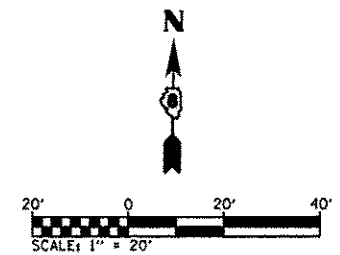
**EAST CURB RAMPS**

PT. NO.	STATION	OFFSET	ELEVATION
1	125+32.5	41.0'	535.60 (EOP)
2	125+37.2	35.0'	535.48 (EOP)
3	125+45.4	28.3'	535.42 (EOP)
4	125+51.4	25.1'	535.36 (EOP)



**LEGEND**

- EOP EDGE OF PAVEMENT
- SW SIDEWALK
- TC TOP OF CURB
- FG FLOWLINE OF GUTTER



FILE NAME * 0818133-ah-intersec.dgn	USER NAME * default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION DETAILS</b>		F.A.U. RTE. 9287	SECTION 12-00066-00-SW	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 13
	PLOT TIME * 2:06:28 PM	DRAWN -	REVISED -				CONTRACT NO. 97504				
PLOT SCALE * 40,0000 / IN.	CHECKED -	REVISED -	REVISED -	SCALE: 1"=20'		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	
PLOT DATE * 9/5/2013	DATE -	REVISED -	REVISED -								



**ELECTRICAL GENERAL NOTES**

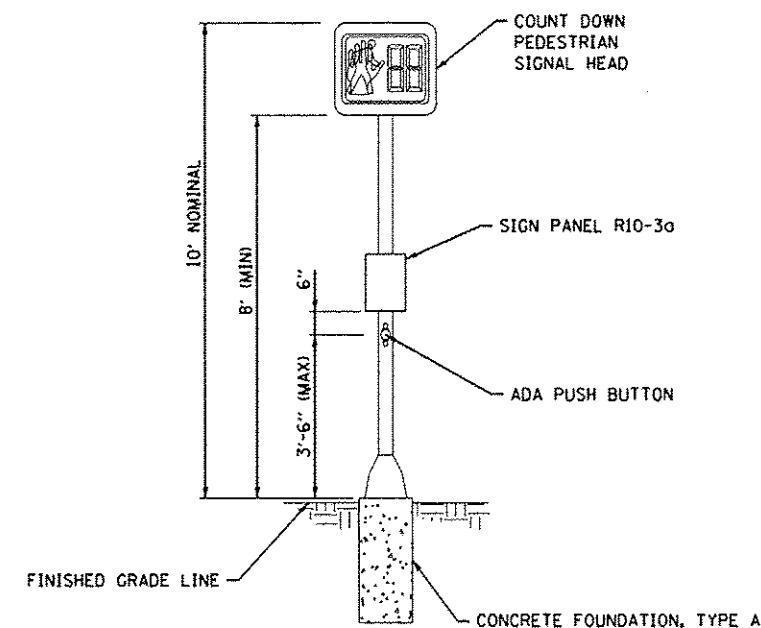
1. PRIOR TO COMMENCING CONSTRUCTION OF ANY COMPONENT OF THE PROPOSED TRAFFIC SIGNAL SYSTEM, ALL UNDERGROUND UTILITIES SHALL BE FIELD LOCATED ACCORDING TO ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED IN THE GENERAL NOTES OF THE PLANS. CALL J.U.L.L.E. (800) 892-0123 ONE WEEK BEFORE PLANNING TO DIG. IT MAY BE NECESSARY TO HAND DIG TEST HOLES TO EXPOSE EXISTING UTILITIES AT SOME LOCATIONS.
2. TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
3. MOUNTING HARDWARE, SIGNAL POSTS AND BASES SHALL BE UNPAINTED ALUMINUM. BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
4. THE LOCATION OF TRAFFIC SIGNAL POSTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. TRAFFIC SIGNAL POSTS SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE TRAFFIC SIGNAL POSTS SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE TRAFFIC SIGNAL POSTS.
5. PROPOSED CONDUIT SHALL BE PVC UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL BE PLACED AND BACKFILLED PRIOR TO CONSTRUCTION OF NEW PAVEMENT, SHOULDER AND CURB. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PUSHING OR PULLING CONDUIT AFTER SUCH WORK HAS BEEN COMPLETED.
6. A 1/4" DIAMETER NYLON PULL ROPE SHALL BE INSTALLED IN ALL CONDUITS.
7. HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE ACCORDING TO ARTICLE 814.03(j) OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". HANDHOLE COVERS SHALL BE SLOPED TO MATCH PROPOSED CONTOURS.
8. SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING REQUIREMENTS.

**STANDARDS FOR TRAFFIC SIGNAL SHEETS**

- 720001 SIGN PANEL MOUNTING DETAILS
- 857001 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 873001 TRAFFIC SIGNAL GROUNDING & BONDING
- 878001 CONCRETE FOUNDATION DETAILS
- 880006 TRAFFIC SIGNAL MOUNTING DETAILS

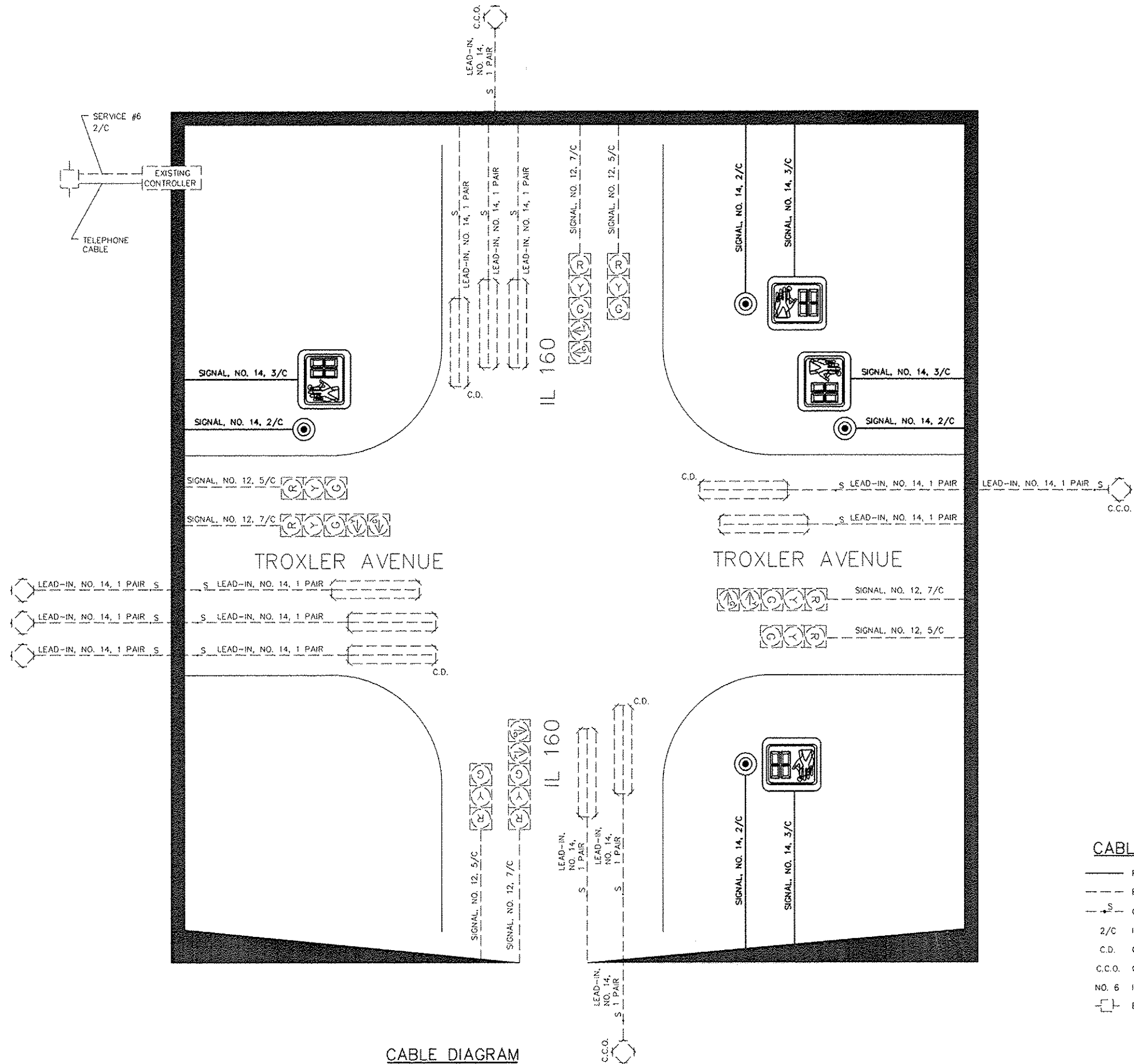
**TRAFFIC SIGNAL SCHEDULE**

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
72000100	SIGN PANEL - TYPE 1	SO FT	4
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	90
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	699
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	727
87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87900200	DRILL EXISTING HANDHOLE	EACH	2
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
89502200	MODIFY EXISTING CONTROLLER	EACH	1
X8140115	HANDHOLE TO BE ADJUSTED	EACH	1
X8880010	ADA PEDESTRIAN PUSH-BUTTON	EACH	4



**TRAFFIC SIGNAL POST DETAIL**  
(NOT TO SCALE)





CABLE DIAGRAM

FILE NAME *	USER NAME *
0810133-sh1-ts.dgn	default
PLOT TIME *	DESIGNED -
2/06/13 PM	DRAWN -
PLOT SCALE = 40.0000" / IN.	CHECKED -
PLOT DATE = 1/5/2013	DATE -

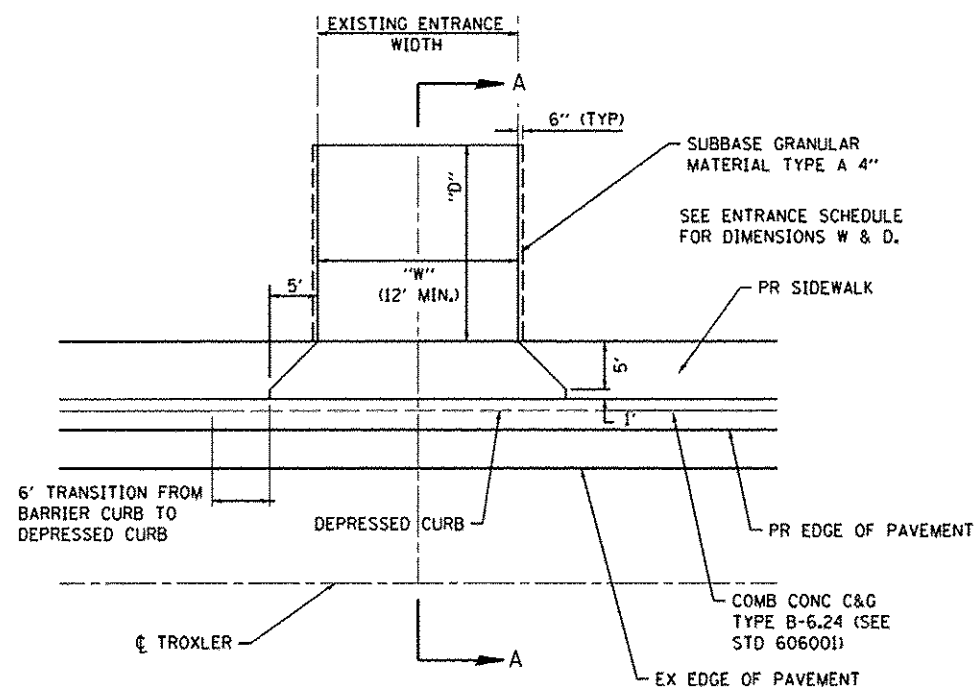
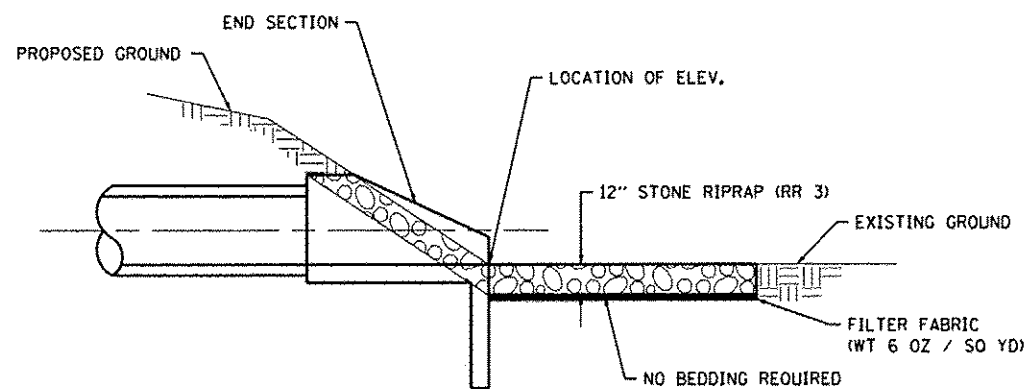
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS**

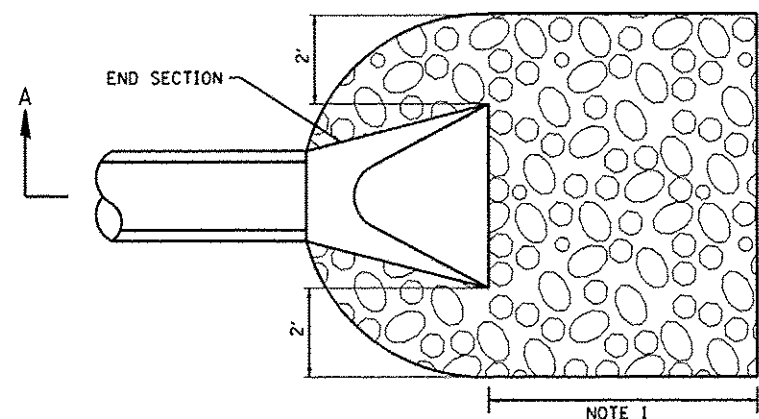
SCALE: 1"=20'    SHEET NO. 3 OF 3 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9287	12-00066-00-SW	MADISON	28	16
CONTRACT NO. 97504				
ILLINOIS FED. AID PROJECT				



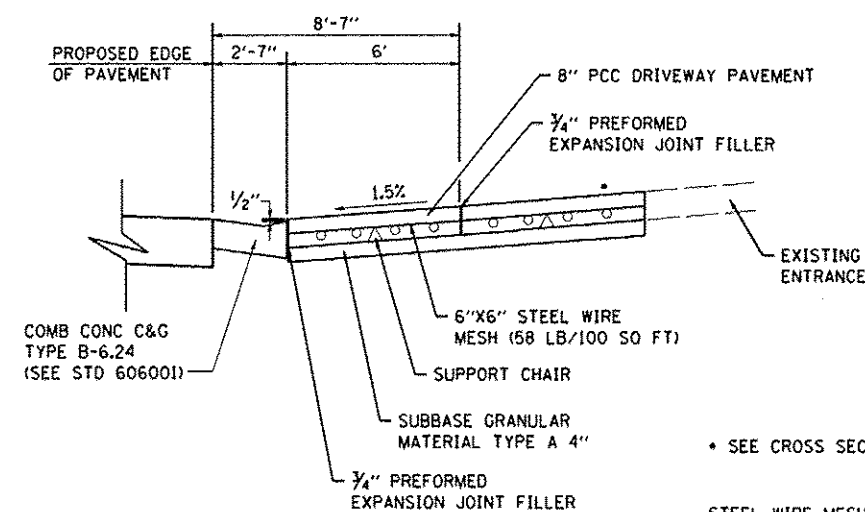
**PRIVATE ENTRANCE (P.E.)**

(NOT TO SCALE)  
STA. 122+37.95



**PLAN VIEW**  
**STONE RIPRAP DETAIL**  
(NOT TO SCALE)

NOTE 1: SEE EROSION CONTROL & PAVEMENT MARKING SHEETS FOR DIMENSIONS



**SECTION A-A**

(NOT TO SCALE)

\* SEE CROSS SECTIONS FOR SLOPE

STEEL WIRE MESH TO BE INCLUDED IN THE COST OF PCC DRIVEWAY PAVEMENT, 8"

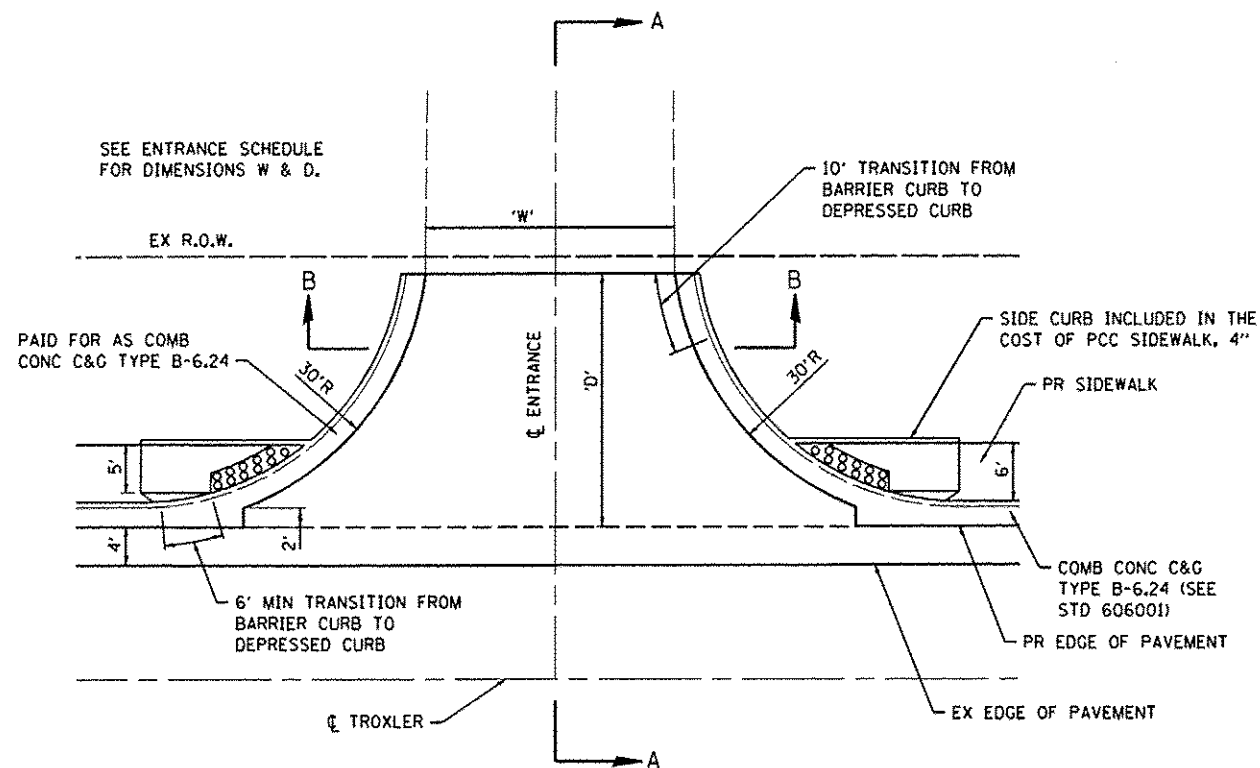
FILE NAME *	USER NAME *	DESIGNED -	REVISED -
0810133*ahd-details.dgn	default	DRAWN -	REVISED -
	PLOT TIME *	CHECKED -	REVISED -
	2:05:34 PM	DATE -	REVISED -
	PLOT SCALE *		
	40,0000' / IN.		
	PLOT DATE *		
	9/5/2013		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

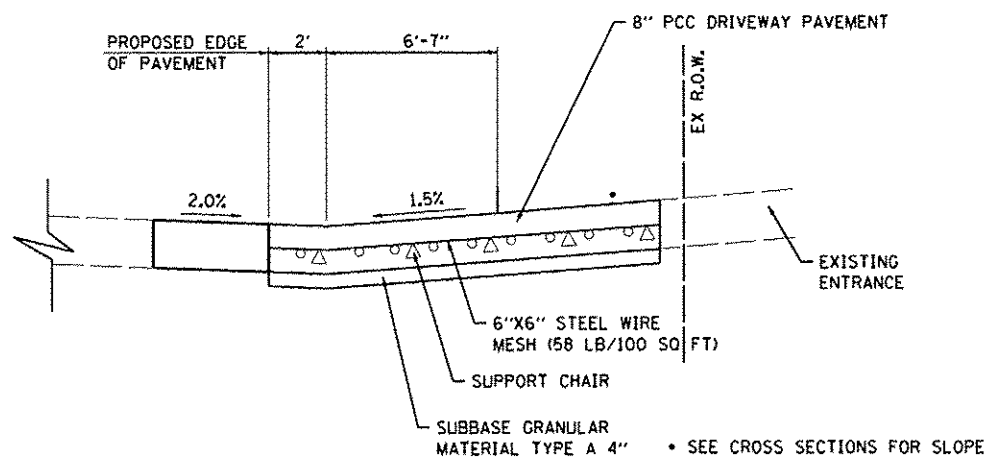
CONSTRUCTION DETAILS

SCALE: NTS SHEET NO. 1 OF 3 SHEETS STA. TO STA.

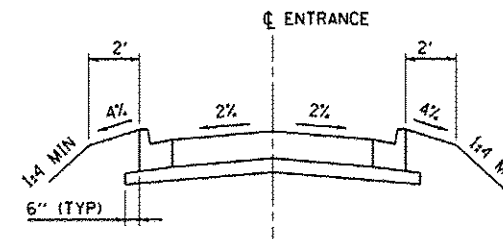
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9287	12-00066-00-SW	MADISON	28	17
TROXLER AVENUE			CONTRACT NO. 97504	
ILLINOIS FED. AID PROJECT				



**COMMERCIAL ENTRANCE (C.E.)**  
 (NOT TO SCALE)  
 STA. 120+50.32



**SECTION A-A**  
 (NOT TO SCALE)



**SECTION B-B**  
 (NOT TO SCALE)

STEEL WIRE MESH TO BE INCLUDED IN THE COST OF PCC DRIVEWAY PAVEMENT, 8"

FILE NAME *	USER NAME *
D010133-sht-details.dgn	default
PLOT TIME *	2:06:34 PM
PLOT SCALE *	40.0000 / IN.
PLOT DATE *	9/5/2013

DESIGNED -	REVISÉ -
DRAWN -	REVISÉ -
CHECKED -	REVISÉ -
DATE -	REVISÉ -

DESIGNED -	REVISÉ -
DRAWN -	REVISÉ -
CHECKED -	REVISÉ -
DATE -	REVISÉ -

DESIGNED -	REVISÉ -
DRAWN -	REVISÉ -
CHECKED -	REVISÉ -
DATE -	REVISÉ -

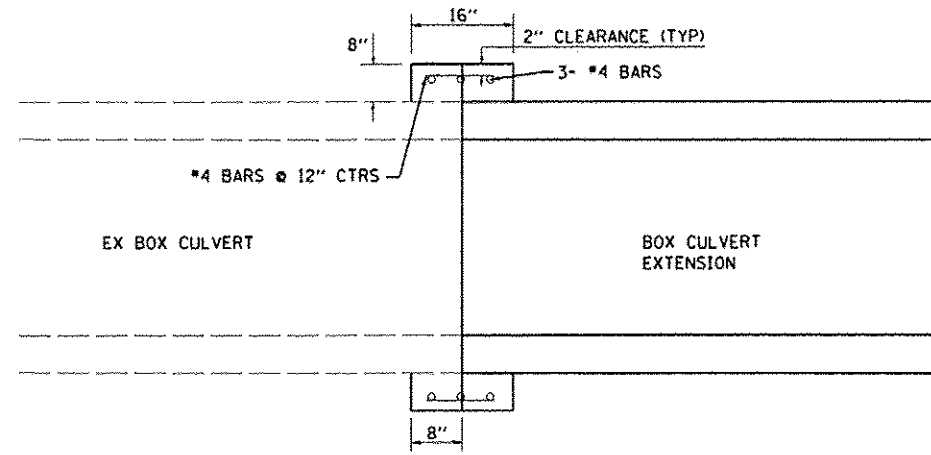
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

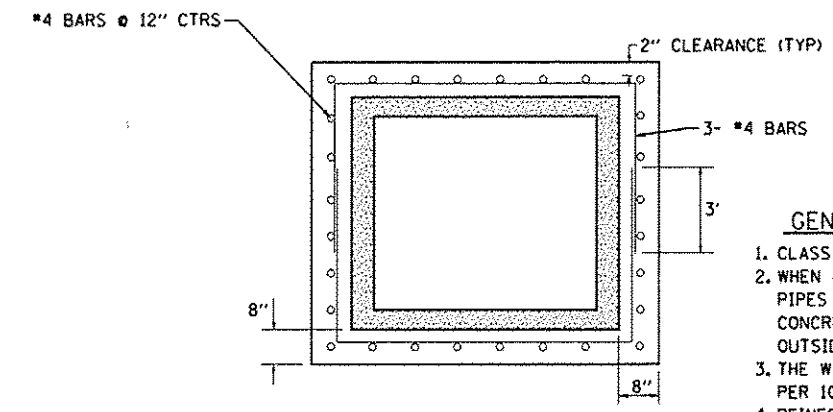
SCALE: NTS SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9287	12-00066-00-SW	MADISON	28	18
CONTRACT NO. 97504				
ILLINOIS FED. AID PROJECT				





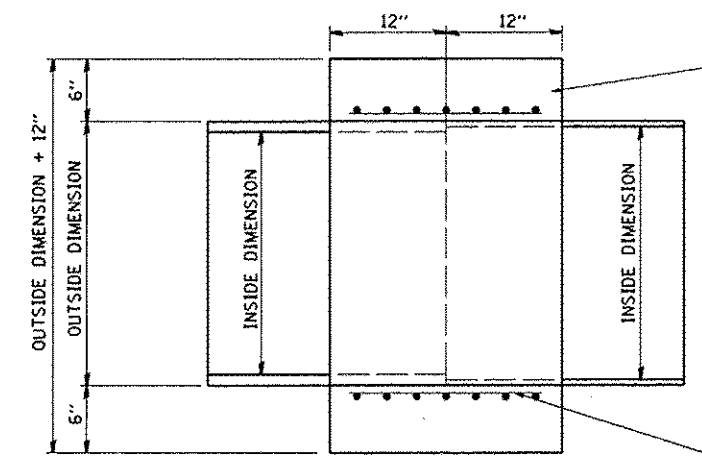
**SIDE VIEW**



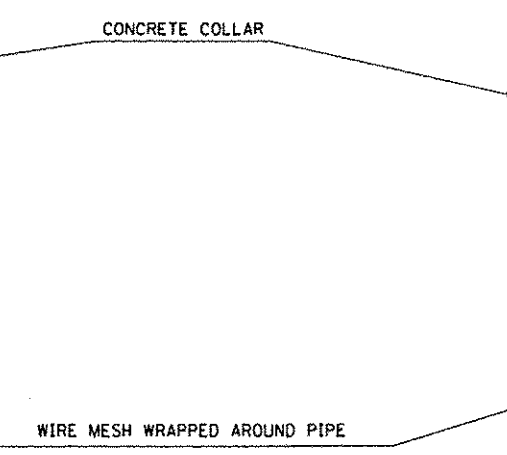
**END VIEW**

**GENERAL NOTES:**

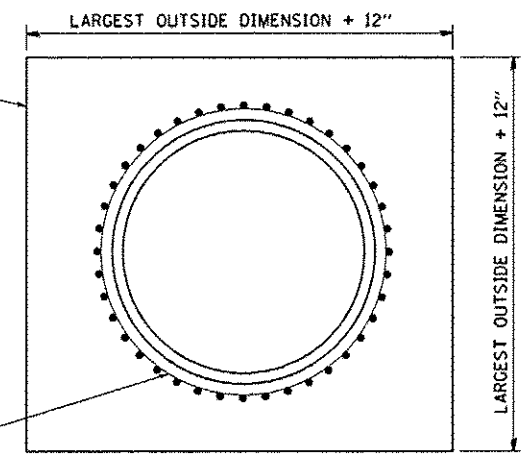
1. CLASS S1 CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIMENSIONS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIMENSION. (SEE END VIEW)
3. THE WIRE MESH SHALL WEIGH NO LESS THAN 58 POUNDS PER 100 SQ. FT.
4. REINFORCEMENT BARS SHALL BE EPOXY COATED AND IN ACCORDANCE WITH SECTION 508 OF THE IDOT STANDARD SPECIFICATIONS.
5. REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF CONCRETE COLLAR.
6. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, CUBIC YARD, FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.



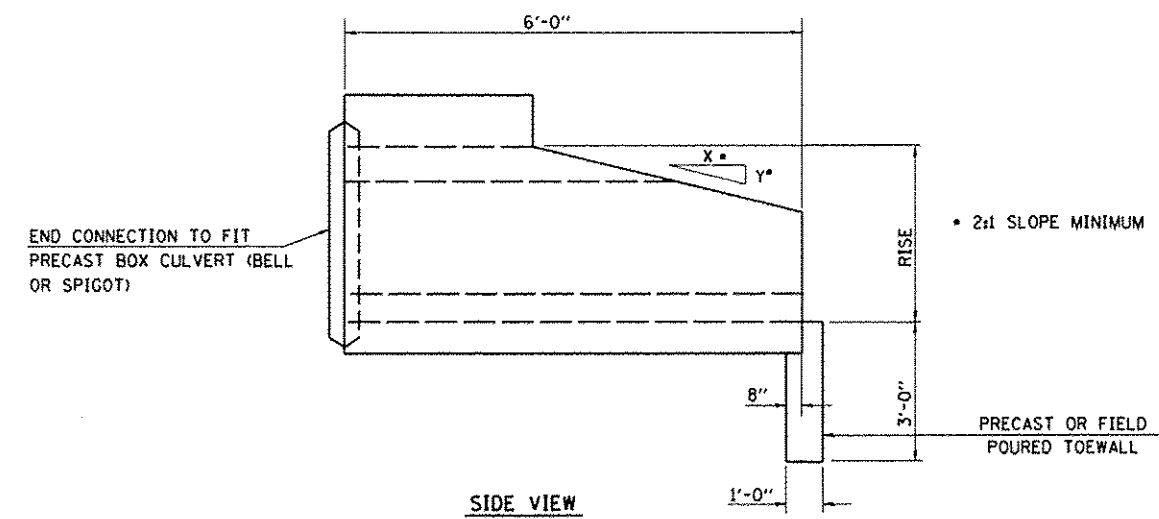
**SIDE VIEW**



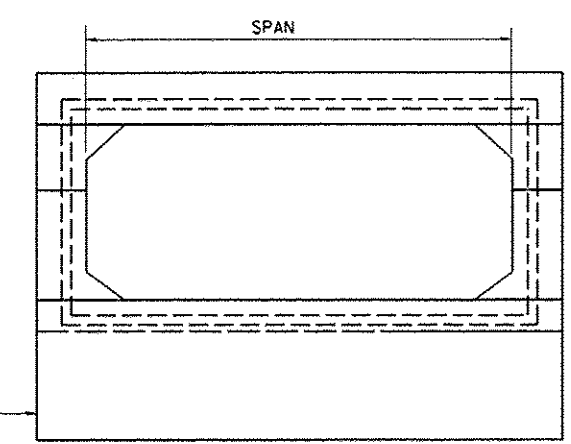
**CONCRETE COLLAR DETAIL**  
(NOT TO SCALE)



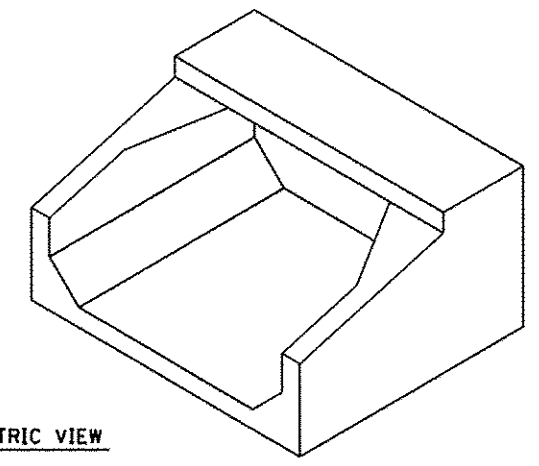
**END VIEW**



**SIDE VIEW**



**END VIEW**



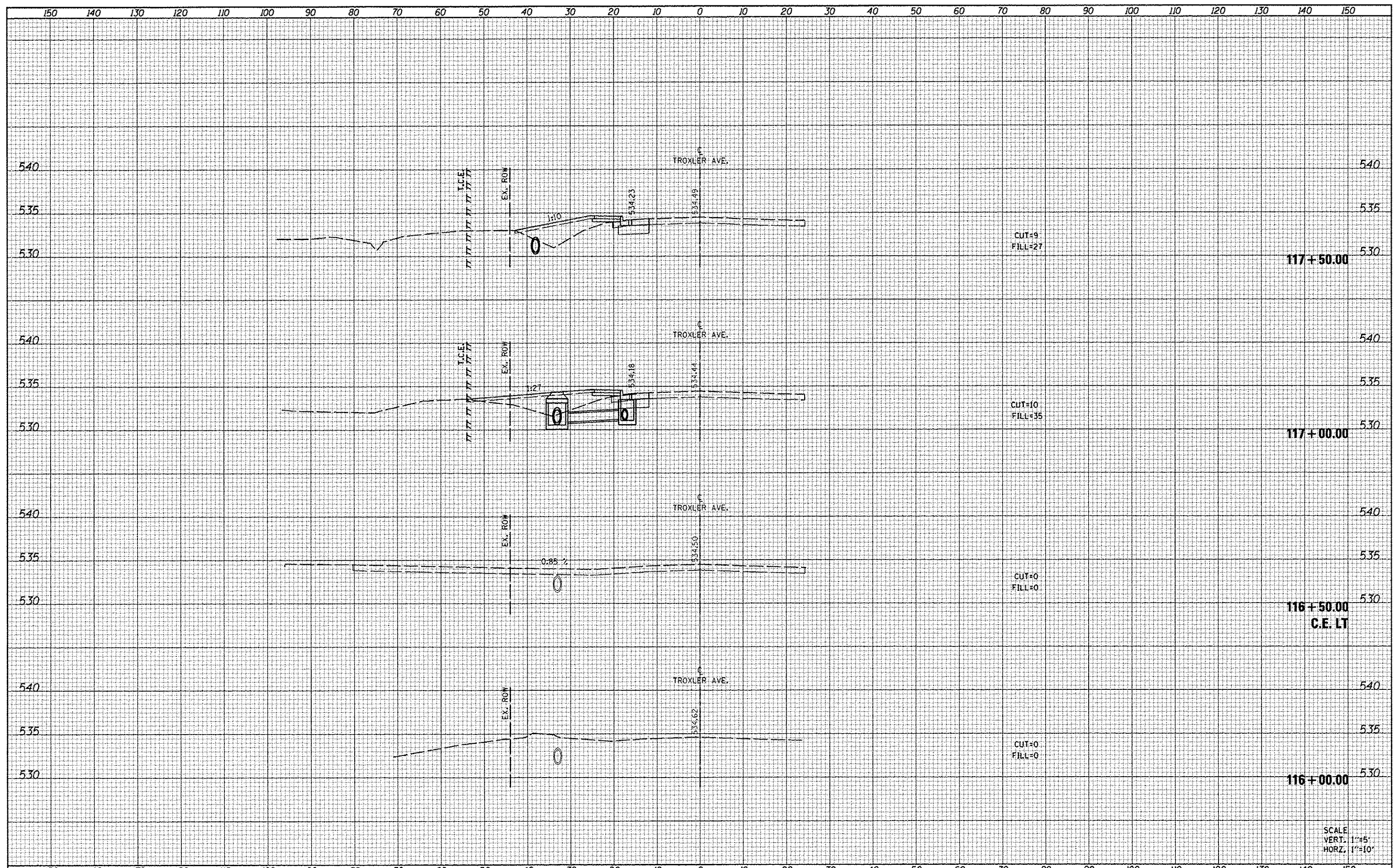
**ISOMETRIC VIEW**

**BOX CULVERT END SECTIONS**  
(NOT TO SCALE)

FILE NAME * DB18133-sht-details.dgn	USER NAME * default PLOT TIME * 2:06:35 PM PLOT SCALE = 40.0000' / IN. PLOT DATE * 9/5/2013	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS	F.A.U. RTE. 9287	SECTION 12-00066-00-SW	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 19	CONTRACT NO. 97504	ILLINOIS FED. AID PROJECT
--	--	--	--	---	----------------------	---------------------	---------------------------	-------------------	--------------------	-----------------	--------------------	---------------------------

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

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

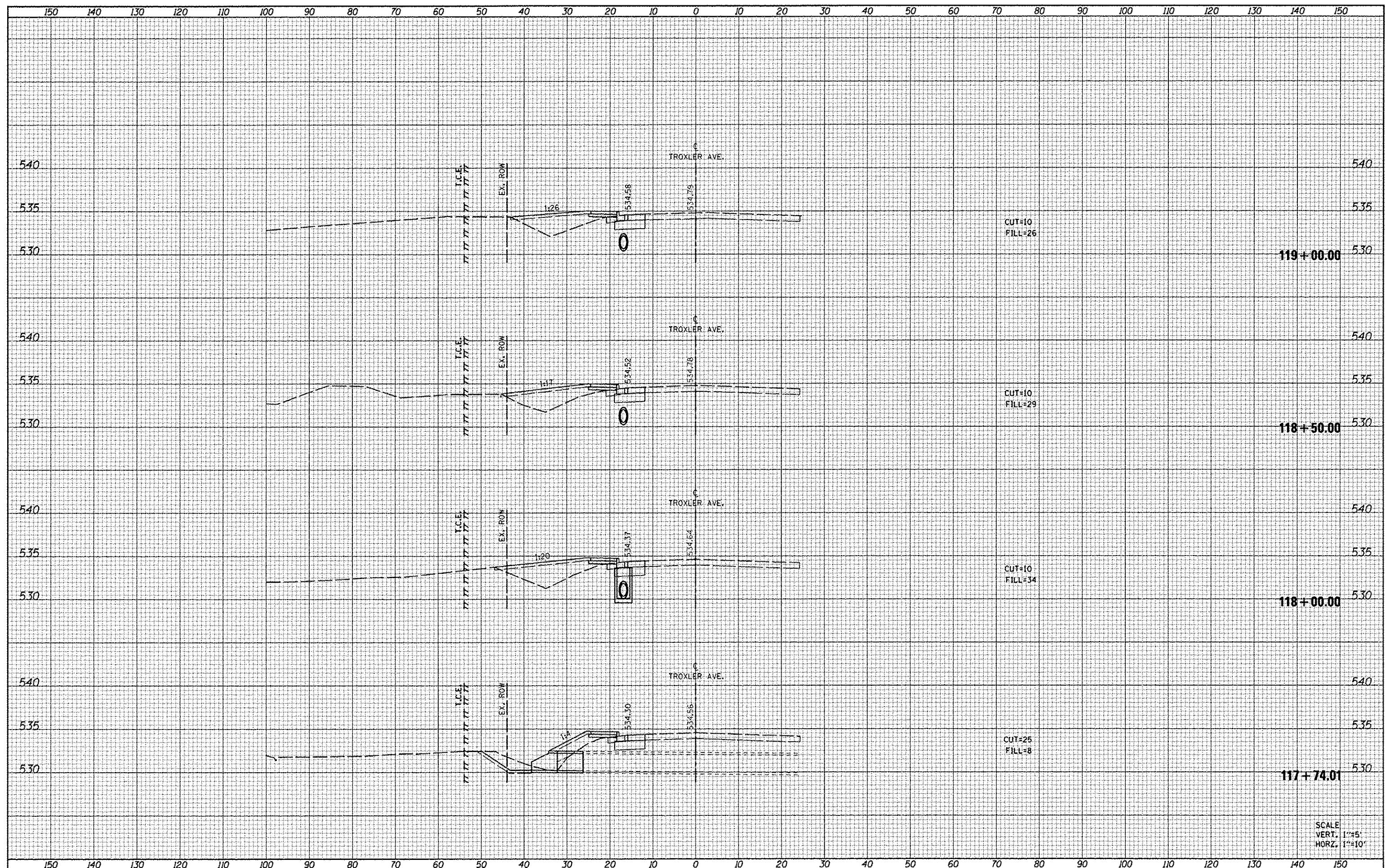


SCALE  
VERT. 1"=4'  
HORZ. 1"=10'



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

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



SCALE  
 VERT. 1"=5'  
 HORZ. 1"=10'

FILE NAME \*  
 0910133-ah-esc.dgn

USER NAME \* default  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE - 9/5/2013

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

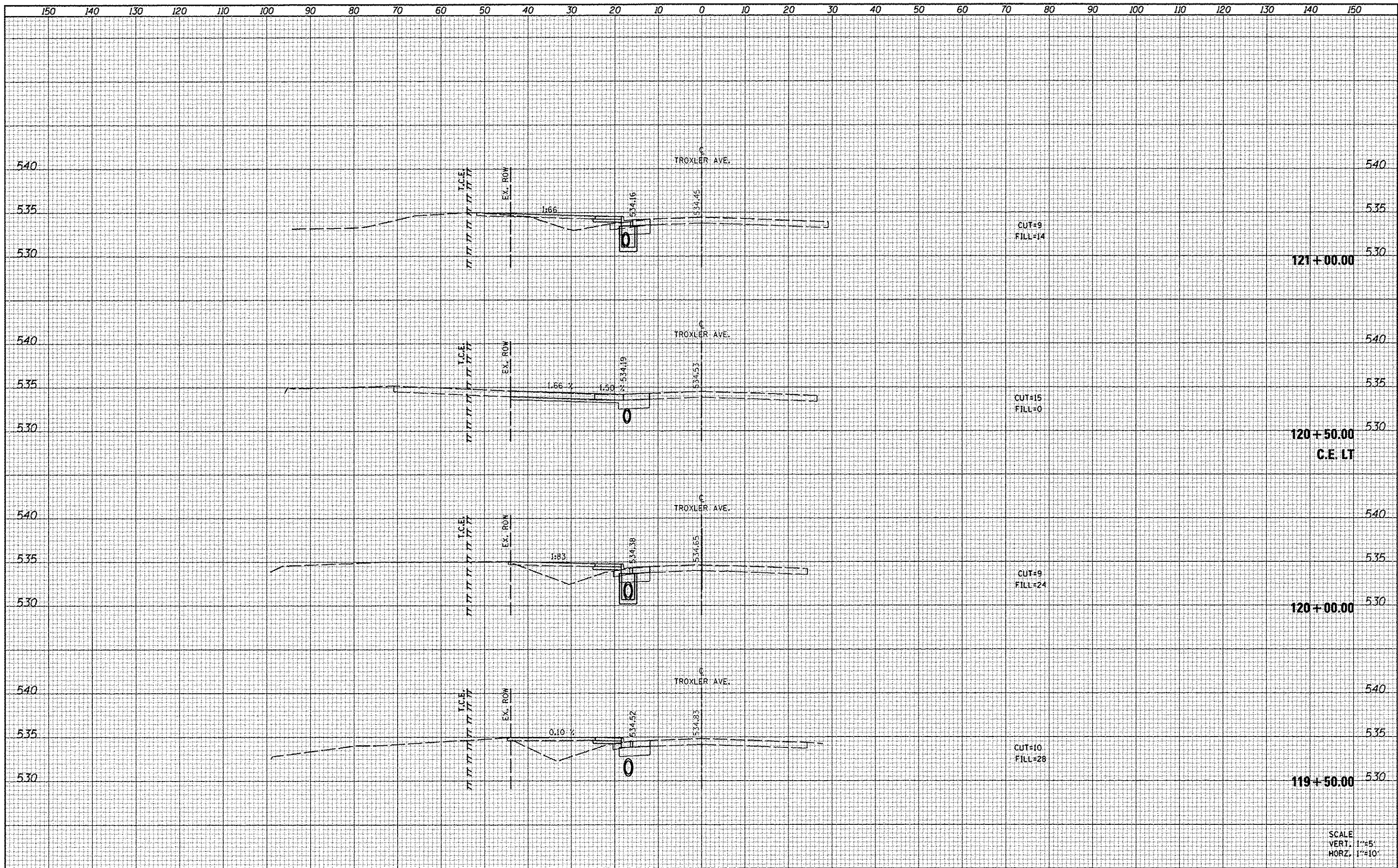
SCALE: SHEET 2 OF 9 SHEETS STA. 117+74.01 TO STA. 119+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9287	12-00066-00-SW	MADISON	28	21
CONTRACT NO. 97504			ILLINOIS FED. AID PROJECT	



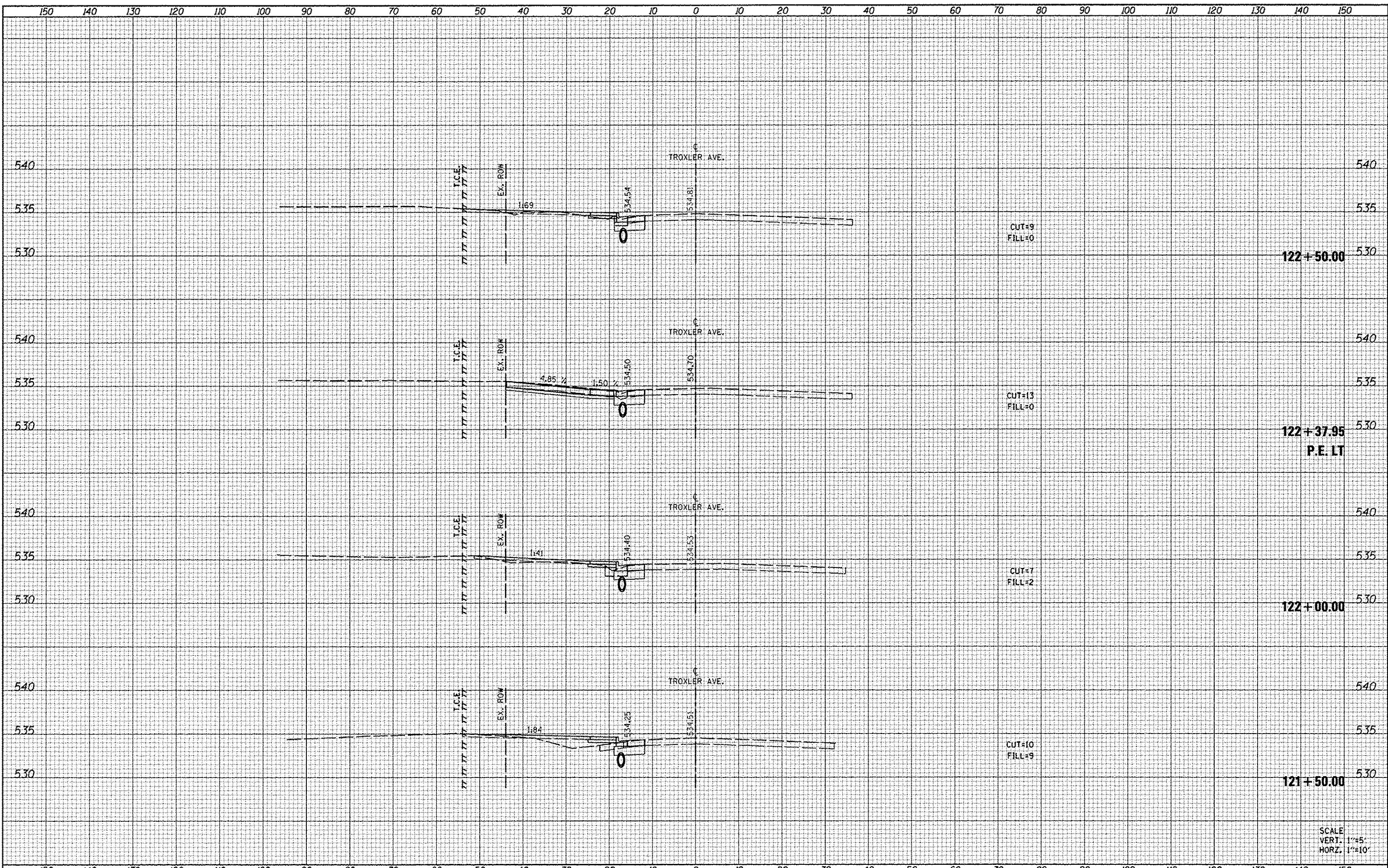
DATE	
BY	
SURVEYED	
TEMP. DATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
TEMP. DATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



SCALE  
 VERT. 1"=5'  
 HORZ. 1"=10'

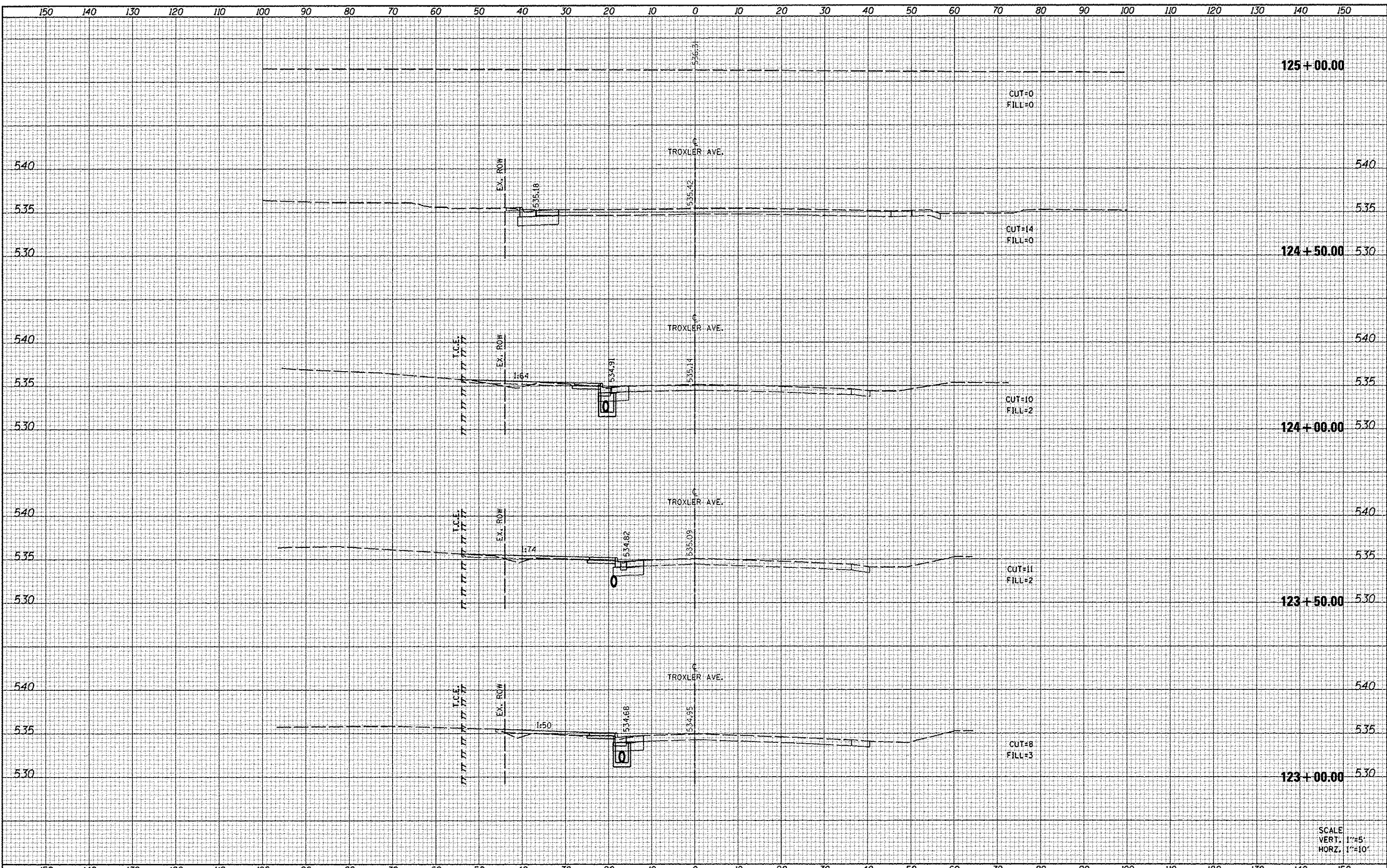




DATE	
BY	
REVIEWED	
DATE	
DESIGNED	
DATE	
DRAWN	
DATE	
CHECKED	
DATE	
REVISIONS	
NO.	

DATE	
BY	
REVIEWED	
DATE	
DESIGNED	
DATE	
DRAWN	
DATE	
CHECKED	
DATE	
REVISIONS	
NO.	





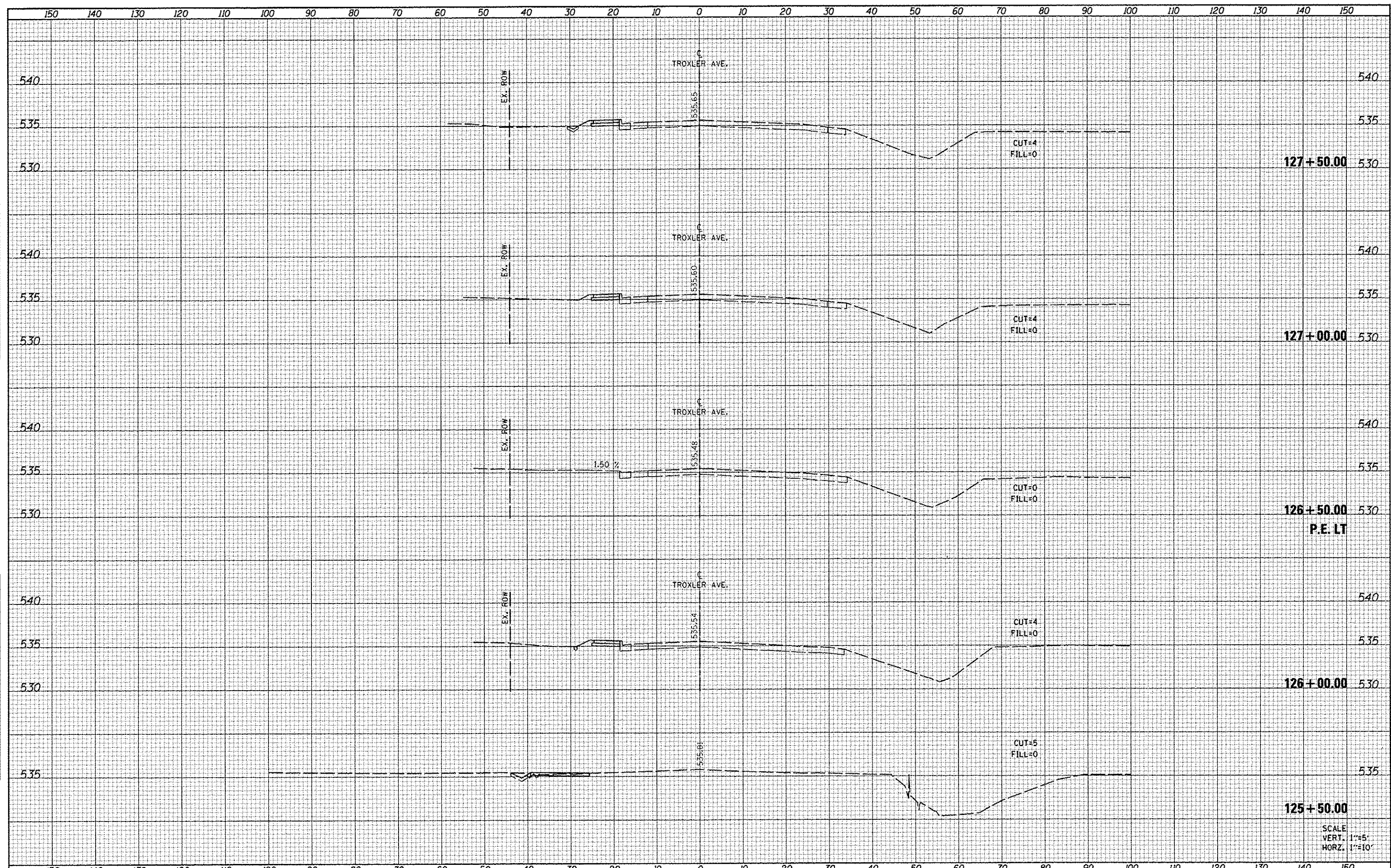
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	

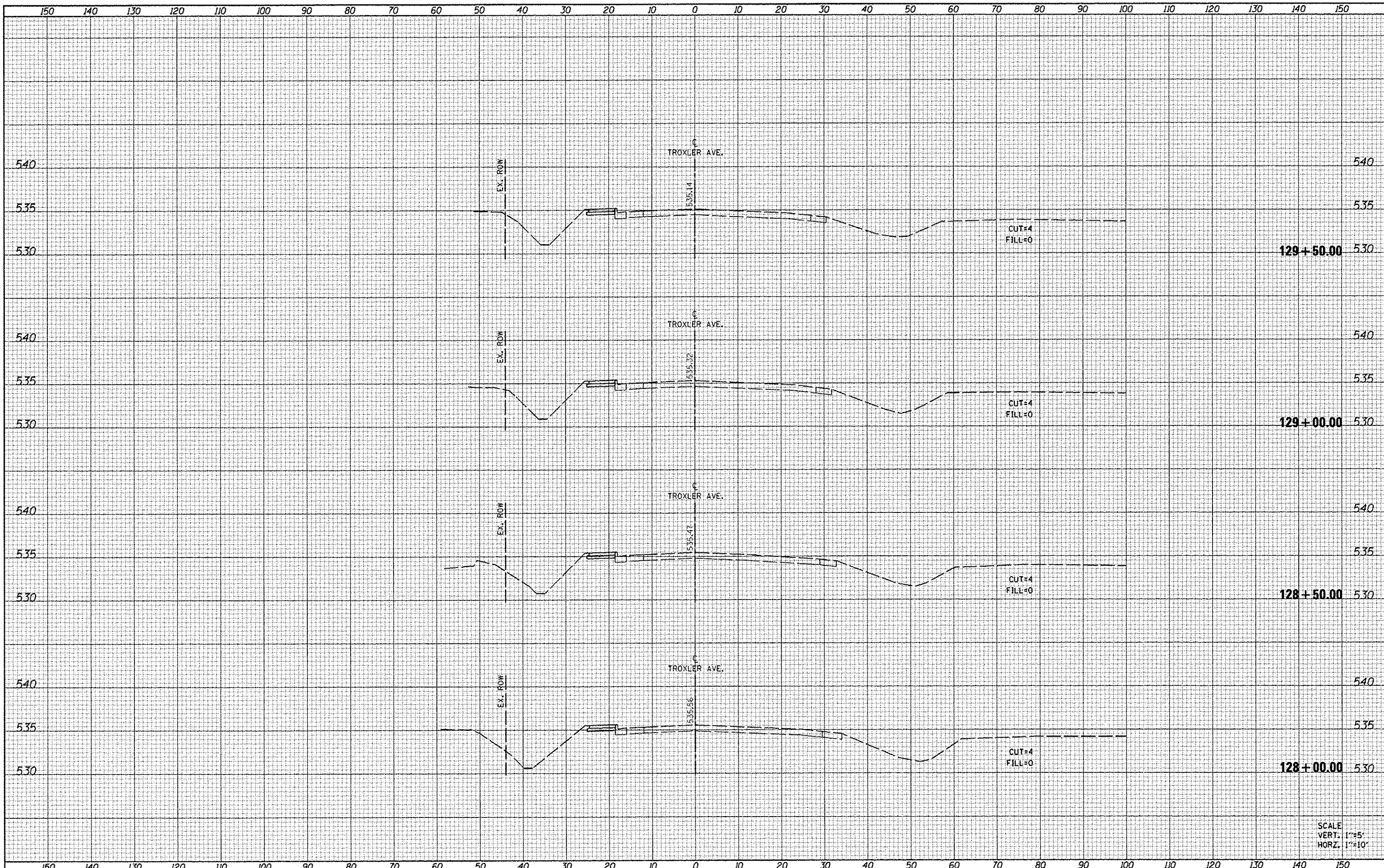


DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	







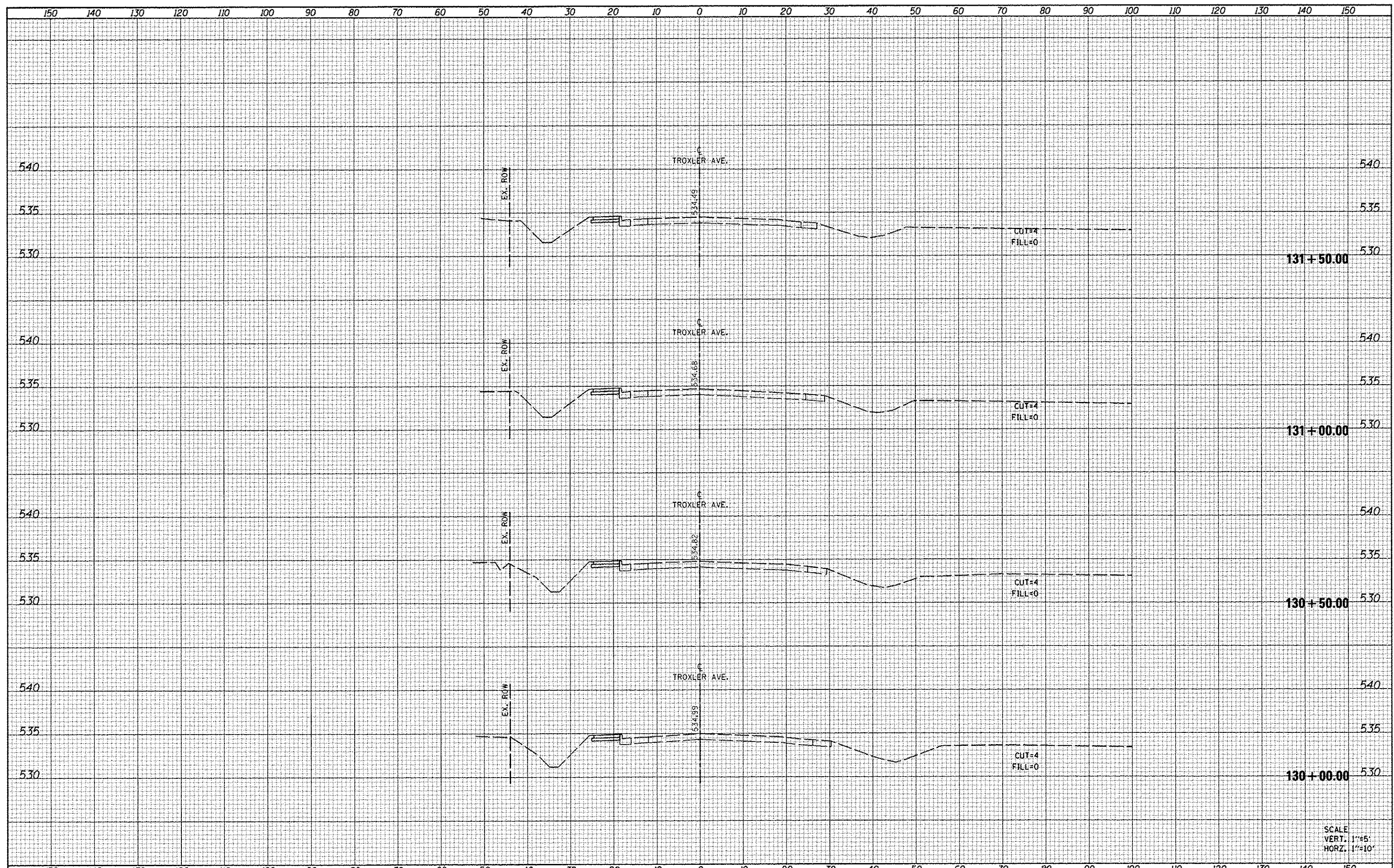
DATE	
BY	
DESIGNED	
PLANNED	
TEMPLATE	
AREAS	
ARTIST CHECKED	
NO.	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
DESIGNED	
PLANNED	
TEMPLATE	
AREAS	
ARTIST CHECKED	
NO.	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



DATE	
BY	
SUPPOSED	
PLOTTED	
TEMP-ATC	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SUPPOSED	
PLOTTED	
TEMP-ATC	
AREAS	
CHECKED	
NO.	

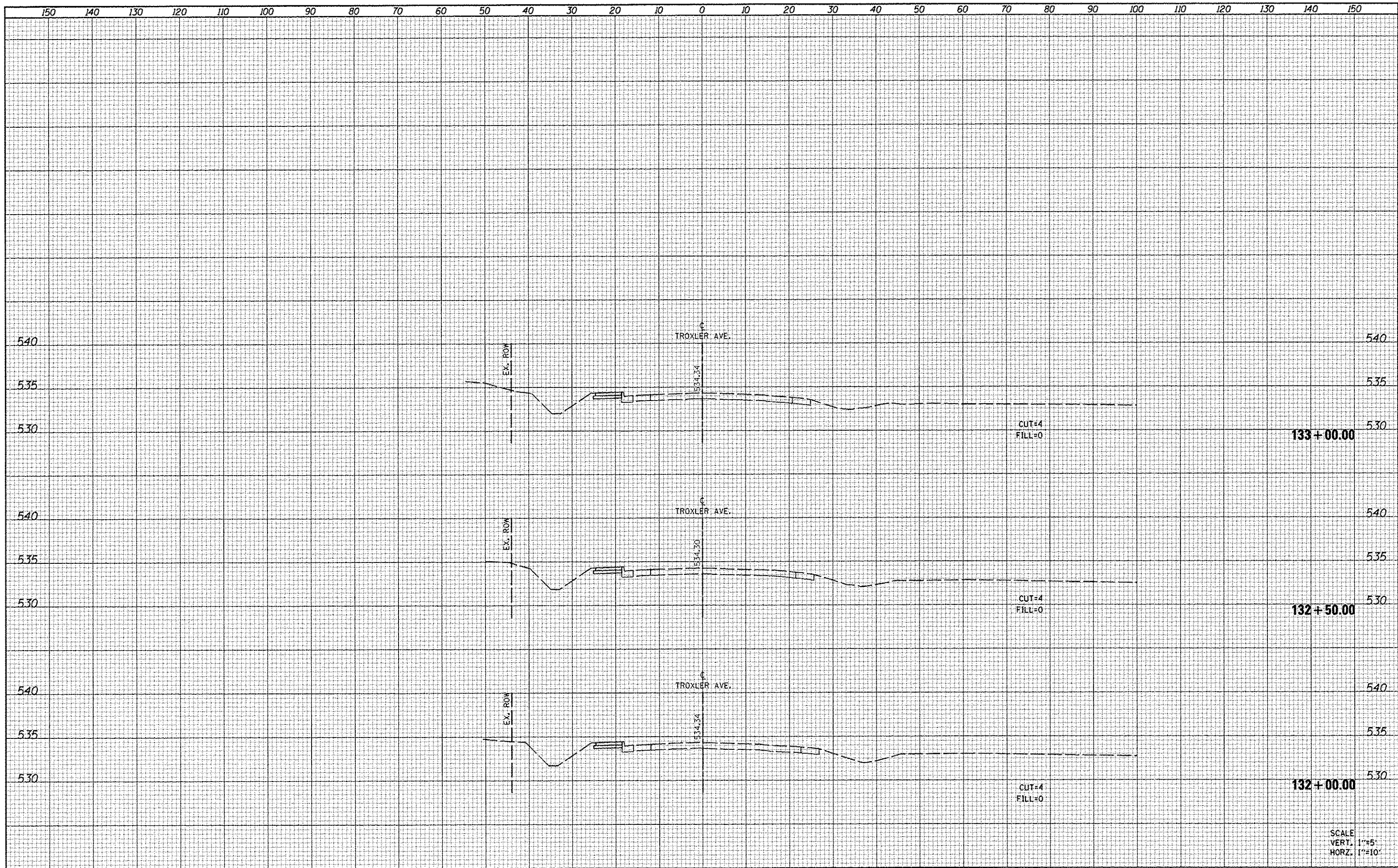


SCALE  
VERT. 1"=5'  
HORIZ. 1"=10'



DATE	
BY	
SUPERVISED	
PLANNED	
TEMPORARY	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SUPERVISED	
PLANNED	
TEMPORARY	
AREAS	
CHECKED	
NO.	



SCALE  
VERT. 1"=5'  
HORZ. 1"=10'

FILE NAME 0010133-shc-ssc.dgn	USER NAME default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F. ALL RTE. 9287	SECTION 12-00066-00-SW	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 28
	PLOT TIME 2:04:00 PM	DRAWN -	REVISED -		SCALE:	SHEET 9	OF 9	SHEETS	STA. 132+00.00	TO STA. 133+00.00	ILLINOIS FED. AID PROJECT		
	PLOT SCALE 20.0000' / IN.	CHECKED -	REVISED -								CONTRACT NO. 97504		
	PLOT DATE 9/5/2013	DATE -	REVISED -										