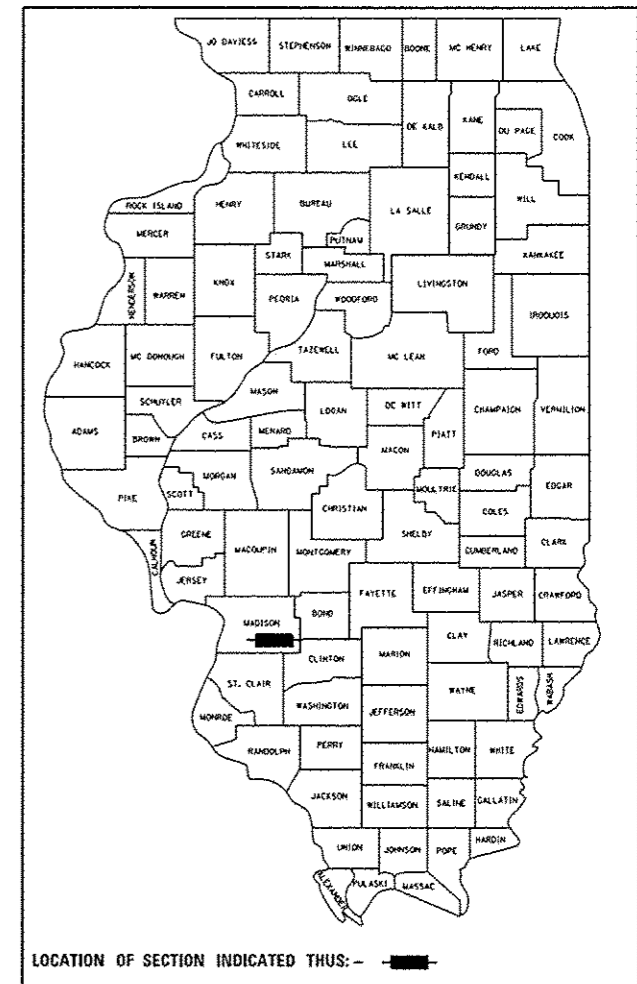


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	1
FEDERAL AID PROJECT ILLINOIS		CONTRACT NO. 97618		

# PLANS FOR PROPOSED

CITY OF HIGHLAND  
TROXLER AVENUE SHARED-USE PATH CONSTRUCTION  
MADISON COUNTY  
SECTION: 15-00066-02-BT  
PROJECT: TE-00D8 (208)  
JOB NO.: C-98-308-15



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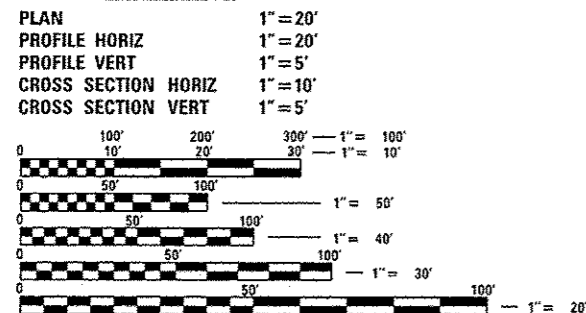
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SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, UTILITIES, & COMMITMENTS
3-5	SUMMARY OF QUANTITIES
6-7	TYPICAL SECTIONS
8-9	SCHEDULES
10-15	PLAN & PROFILE SHEETS
16-18	EROSION CONTROL SHEETS
19-24	DRAINAGE PLAN & PROFILE SHEETS
25-27	PAVEMENT MARKING & SIGNING SHEETS
28-30	TRAFFIC SIGNAL PLANS
31	WOOD FENCE DETAILS
32-35	CONSTRUCTION DETAILS
36-45	CROSS SECTIONS

**HIGHWAY STANDARDS**

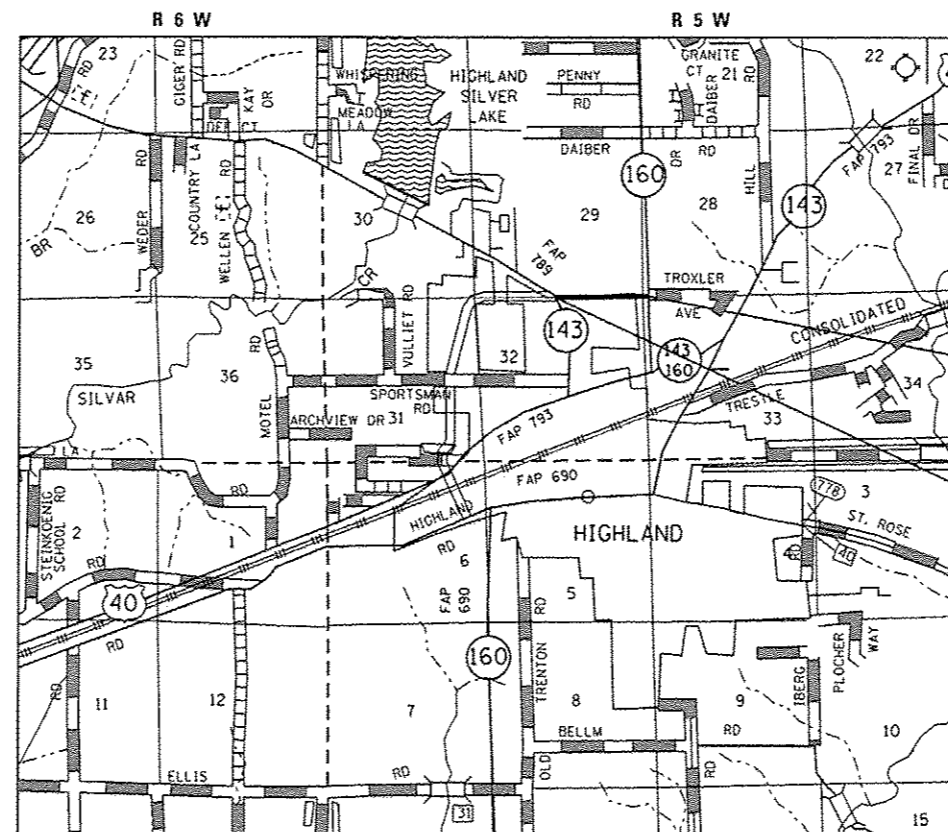
000001-06	STANDARD SYMBOLS, ABBREVIATES AND PATTERS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE /ALLEY PEDESTRIAN CROSSINGS
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602501-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
603001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604041-03	FRAME AND GRATE TYPE 9
604066-02	FRAME AND LID TYPE 15
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
608101-05	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
608301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-02	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

**SCALE IN FEET**



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



**LOCATION MAP**

SCALE: 1" = 5,000'

GROSS LENGTH = 2,785.8' = (0.528 MILES)



T 4 N

END SECTION  
STA. 39 + 25.5

BEGIN SECTION  
STA 11 + 39.7

T 3 N



*Steven M. Keil* 2-2-16  
STEVEN M. KEIL, P.E.  
IL P.E. NO. 062-048092  
License Expires 11/30/2017

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	February 2, 2016 DATE
<i>Joseph R. Michaelis</i>	JOSEPH R. MICHAELIS MAYOR OF HIGHLAND
PASSED	2/22/16 DATE
<i>Chris Brown</i>	CHRIS BROWN DISTRICT ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	2/22/16 DATE
	<i>Jeffrey Z. Hein</i> DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER



COLLINSVILLE 100 Lanter Court, Suite 1  
Collinsville, IL 62234  
tel 618.345.2200  
www.oatesassociates.com

BELLEVILLE 20 E. Main Street  
Belleville, IL 62220  
tel 618.416.4688

ST. LOUIS 720 Olive, Suite 1660  
St. Louis, MO 63101  
tel 314.588.8381

ILLINOIS DESIGN FIRM LICENSE NO: 184.00115

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**GENERAL NOTES**

**UTILITIES**

1. ABOVE-GROUND UTILITY FACILITIES OR APPURTENANCES SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS TO PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 1.5 FEET, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
2. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. REFER TO THE "STATUS OF UTILITIES TO BE ADJUSTED" SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

CHARTER COMMUNICATIONS (COMMUNICATIONS)  
210 WEST DIVISION STREET  
MARYVILLE, IL 62062  
CONTACT: GARY WARREN  
(618) 779-4179

CITY OF HIGHLAND (WATER, SEWER & ELECTRIC)  
2610 PLAZA DRIVE  
HIGHLAND, IL 62249  
CONTACT: GEORGE STRAM (ELECTRIC)  
(618) 654-7511  
CONTACT: RANDY RENDERER (WATER & SEWER)  
(618) 654-5416

AMEREN IP (GAS)  
2600 NORTH CENTER  
MARYVILLE, IL 62062  
CONTACT: JOHN WESTERHEIDE  
(618) 346-1245

FRONTIER COMMUNICATIONS (COMMUNICATIONS)  
111 EAST STATE STREET  
MASCOUTAH, IL 62258  
CONTACT: ROD ELLER  
(618) 566-9815

**GENERAL**

3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
4. 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.
5. 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.
6. IF ASH TREES ARE TO BE REMOVED FROM THE PROJECT, THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. IDOA INFORMATION REGARDING ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT [WWW.AGR.STATE.IL.US/EAB](http://WWW.AGR.STATE.IL.US/EAB).
7. ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, 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.

**EARTHWORK**

8. 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.
9. THE CONTRACTOR SHALL USE THE EXCAVATED MATERIAL FROM THE POTENTIALLY CONTAMINATED SOIL AREAS SHOWN IN THE PLANS FOR EMBANKMENT WITHIN THE LIMITS OF THESE AREAS TO REDUCE THE REMOVAL OF CONTAMINATED SOIL FROM THE SITE.

**PAVING**

10. 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.

**DRAINAGE**

11. 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.
12. STORM SEWERS AND CULVERTS MAY HAVE MINIMAL DEPTH BELOW THE MODIFIED SOIL LAYER. THE CONTRACTOR SHALL TAKE WHATEVER PRECAUTIONS ARE NECESSARY TO PROTECT THE PIPES FROM DAMAGE DURING THE SOIL MODIFICATION PROCESS. IN THE EVENT THAT PIPES ARE DAMAGED, THEY SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS INCURRED TO REPAIR OR REPLACE DAMAGED PIPES SHALL BE AT THE CONTRACTOR'S EXPENSE.
13. 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.
14. THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
15. 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.

**PAVEMENT MARKING**


16. 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.
17. PERMANENT PAVEMENT MARKINGS SHALL BE INSTALLED WITHIN THE SAME DAY AS PAVEMENT MARKING REMOVAL.

**APPROXIMATE QUANTITIES, SYMBOLS & ABBREVIATIONS**

18. 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


19. THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

-  FLARED END SECTION
- BO BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
- CONSTR CONSTRUCTION
- CP CONTROL POINT
- ESMT EASEMENT
- ELEV ELEVATION
- 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
- TCE TEMPORARY CONSTRUCTION EASEMENT
- TUP TEMPORARY USE PERMIT
- TBA TO BE ADJUSTED
- TBRL TO BE RELOCATED
- TYP TYPICAL
- W WIDTH

**COMMITMENTS**

1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO EACH SCHOOL PARKING LOT BY KEEPING AT LEAST ONE ENTRANCE OPEN AT ALL TIMES WHEN SCHOOL IS NOT IN SESSION. THE CONTRACTOR SHALL KEEP ALL PARKING LOT ENTRANCES OPEN DURING SCHOOL SESSIONS.

FILE NAME: H:\15815\Information\Sheets\0815015-INT-GENERAL.dgn

 <b>DATES ASSOCIATES</b> Engineering & Architecture ILLINOIS DESIGN FIRM LICENSE NO. 184.001115	USER NAME = andymueller	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, UTILITIES, &amp; COMMITMENTS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLLOT SCALE = 48.0000' / 1"	DRAWN -	REVISED -					15-0066-02-BT	MADISON	45	2	
PLLOT DATE = 2/3/2016	CHECKED -	REVISED -	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 97618						
	DATE -	REVISED -				ILLINOIS FED. AID PROJECT						

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		20100500	TREE REMOVAL, ACRES	ACRE	0.1
		20200100	EARTH EXCAVATION	CU YD	965
		• 20800150	TRENCH BACKFILL	CU YD	272
		• 21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	4,610
		25100635	HEAVY DUTY EROSION CONTROL BLANKET	SO YD	769
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	186
		28000400	PERIMETER EROSION BARRIER	FOOT	560
		28000500	INLET AND PIPE PROTECTION	EACH	15
		28100107	STONE RIPRAP, CLASS A4	SO YD	153
		28200200	FILTER FABRIC	SO YD	153
		31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SO YD	920
		35101100	AGGREGATE BASE COURSE, TYPE A 12"	SO YD	2,962
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
		• 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	767
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	1,252

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		• 42400800	DETECTABLE WARNINGS	SO FT	224
		44000100	PAVEMENT REMOVAL	SO YD	22
		44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	792
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	18
		44000600	SIDEWALK REMOVAL	SO FT	8,995
		44004250	PAVED SHOULDER REMOVAL	SO YD	236
		• 48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	212
		• 50105220	PIPE CULVERT REMOVAL	FOOT	258
		54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1
		54010605	PRECAST CONCRETE BOX CULVERTS 6' X 5'	FOOT	8
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
		54248510	CONCRETE COLLAR	CU YD	1.5
		• 550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	52
		• 550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	53
		• 550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	36

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
SI - SPECIALTY ITEM

FILE NAME: I:\PROJECTS\15-00066\15-00066-02-BT.dwg



USER NAME: andy.muller	DESIGNED -	REVISED -
PLOT SCALE: 1/8" = 1'-0"	DRAWN -	REVISED -
PLOT DATE: 3/4/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	3
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	55100500	STORM SEWER REMOVAL 12"	FOOT	11
	*	55100900	STORM SEWER REMOVAL 18"	FOOT	27
	*	55101100	STORM SEWER REMOVAL 21"	FOOT	26
	*	56109210	WATER VALVES TO BE ADJUSTED	EACH	1
		60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
		60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
		60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	1
		60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	3
		60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
		60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1
		60500060	REMOVING INLETS	EACH	1
		60602500	CONCRETE GUTTER, TYPE A	FOOT	348
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	18
		60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	42
		60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	75

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	430
	*	66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1
	*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1
		67100100	MOBILIZATION	LSUM	1
		72000100	SIGN PANEL - TYPE 1	SO FT	144
		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	15
		72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2
		72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	6
		72900100	METAL POST - TYPE A	FOOT	221
		72900200	METAL POST - TYPE B	FOOT	187
		73000100	WOOD SIGN SUPPORT	FOOT	30
	*	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	22
	*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	683
	*	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	443
	*	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	17

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
SI - SPECIALTY ITEM

FILE NAME: I:\P\151815\151815\151815.dwg



USER NAME: r\_andgmueller  
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -  
PLOT SCALE: 1/8" = 1'-0"  
PLOT DATE: 3/4/2016

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-0066-02-BT	MADISON	45	4
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		78300100	PAVEMENT MARKING REMOVAL	SQ FT	40
•		80300100	LOCATING UNDERGROUND CABLE	FOOT	200
•		81400100	HANDHOLE	EACH	2
•		87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	556
•		87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	570
•	•	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
•		89502200	MODIFY EXISTING CONTROLLER	EACH	1
•	•	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	800
•	•	89502380	REMOVE EXISTING HANDHOLE	EACH	2
•		X0324450	SEGMENTAL CONCRETE BLOCK WALL, SPECIAL	SQ FT	60
•		X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.0
•		X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	2
•		X6023504	INLETS, TYPE A, WITH SPECIAL FRAME, CLOSED LID	EACH	1
•		X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	4
•		X6024502	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE	EACH	6

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
•		X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	500
•		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
•		X8880010	ADA PEDESTRIAN PUSH-BUTTON	EACH	2
•		Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	487
•		Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	590
•		Z0056652	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	FOOT	451
•		Z0056653	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 21"	FOOT	107
•		Z0056654	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	254
•		XX000882	WOOD FENCE	FOOT	100
•		XX008616	HOT-MIX ASPHALT SURFACE COURSE, SPECIAL	SQ YD	2696

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
SI - SPECIALTY ITEM



USER NAME = andy.moeller	DESIGNED -	REVISED -
DESIGNED -	DRAWN -	REVISED -
PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -
PLOT DATE = 3/4/2016	DATE -	REVISED -

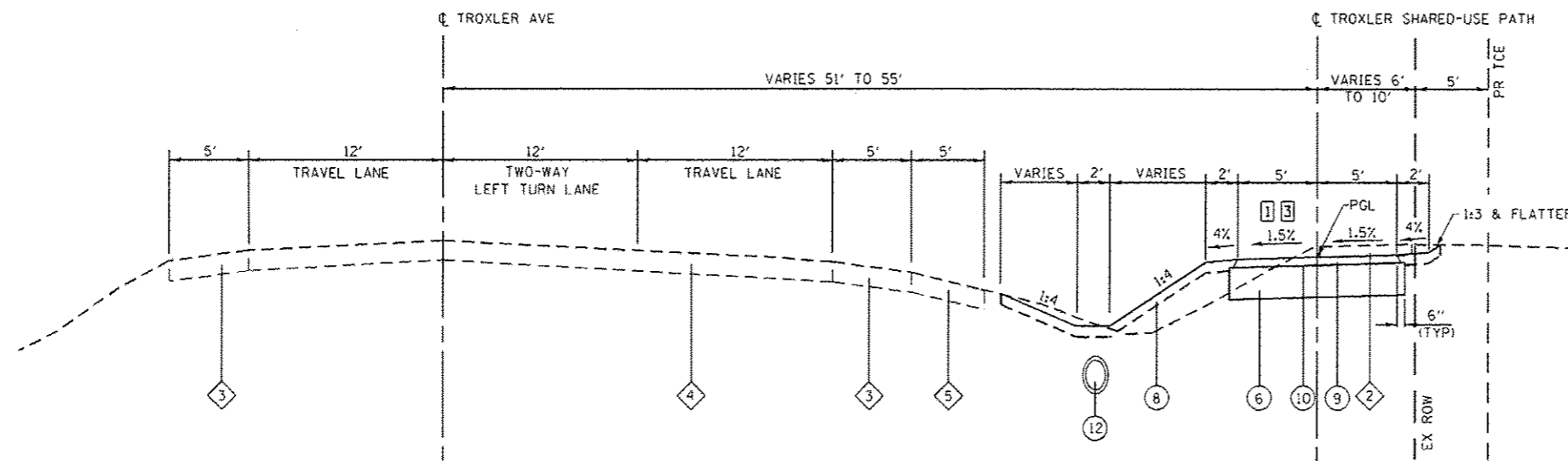
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

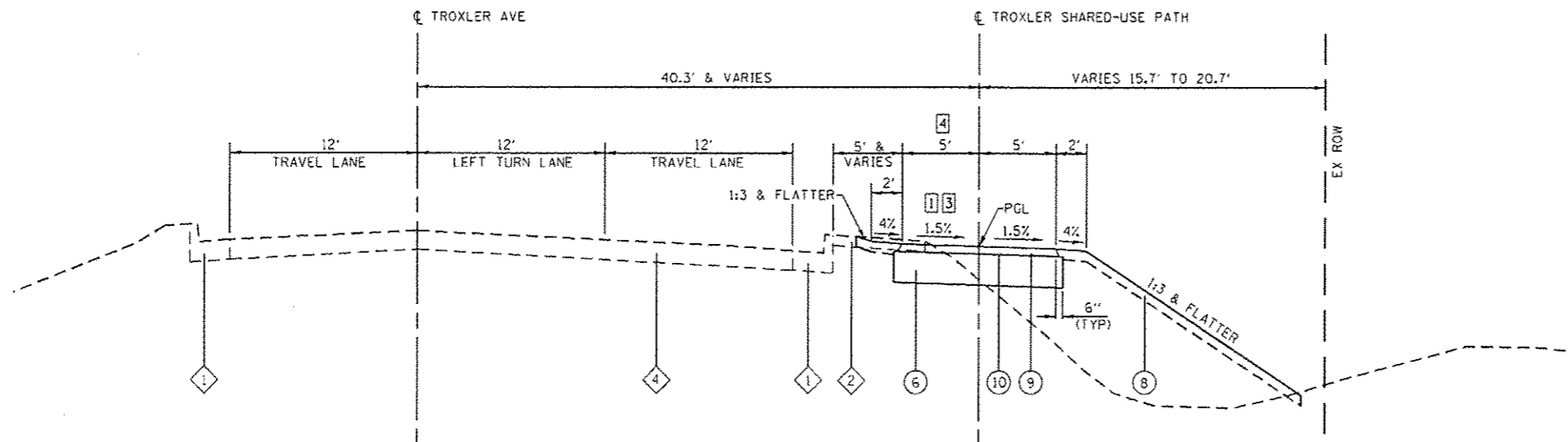
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
	15-00066-02-BT	MADISON	45 5
			CONTRACT NO. 97618
[ILLINOIS] FED. AID PROJECT			

FILE NAME: H:\P\B\15\Restoration\Sheet\1016015-04-C-510.dgn



**PROPOSED TROXLER SHARED-USE PATH**  
STA 14+25.0 TO STA 24+31.0



**PROPOSED TROLLER SHARED-USE PATH**  
STA 11+39.7 TO STA 14+25.0

**TYPICAL SECTION LEGEND**

- 1 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 2 EXISTING CONCRETE SIDEWALK
- 3 EXISTING ASPHALT SHOULDER
- 4 EXISTING CONCRETE PAVEMENT
- 5 EXISTING AGGREGATE SHOULDER
- 6 PROPOSED AGGREGATE BASE COURSE, TYPE A 12"
- 7 DELETED
- 8 PROPOSED TOPSOIL FURNISH AND PLACE 4"
- 9 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, SPECIAL 3"
- 10 PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- 11 PROPOSED CONCRETE GUTTER, TYPE A
- 12 PROPOSED STORM SEWER
- 13 PROPOSED HOT-MIX ASPHALT SHOULDER 8"
- 14 PROPOSED CONCRETE CURB, TYPE B (SPECIAL)

**TYPICAL SECTION NOTES**

- 1 TRANSITION FROM -1.5% TO +1.5% FROM STA 14+00.0 TO STA 14+50.0
- 2 EXISTING CONCRETE SIDEWALK ENDS AT STA 29+80.0
- 3 CROSS SLOPE OF PATH SHALL BE 1.5% NOMINAL, 2% MAX
- 4 WIDTH OF PATH WIDENS FROM 6' AT STA 11+39.7 TO 10' AT STA 12+04.7
- 5 WIDTH OF PATH NARROWS FROM 10' AT STA 37+68.2 TO 6' AT STA 38+18.2
- 6 STA 24+00.0 TO STA 29+74.0

FILE NAME: N:\P\18015\Information\Sheets\081805\14-1\14-1.dgn



USER NAME: gmguelter	DESIGNED: -	REVISED: -
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PLOT DATE: 3/4/2016	CHECKED: -	REVISED: -
	DATE: -	REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 1 OF 2 SHEETS STA. 11+39.7 TO STA. 26+05.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	6
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				

**TYPICAL SECTION LEGEND**

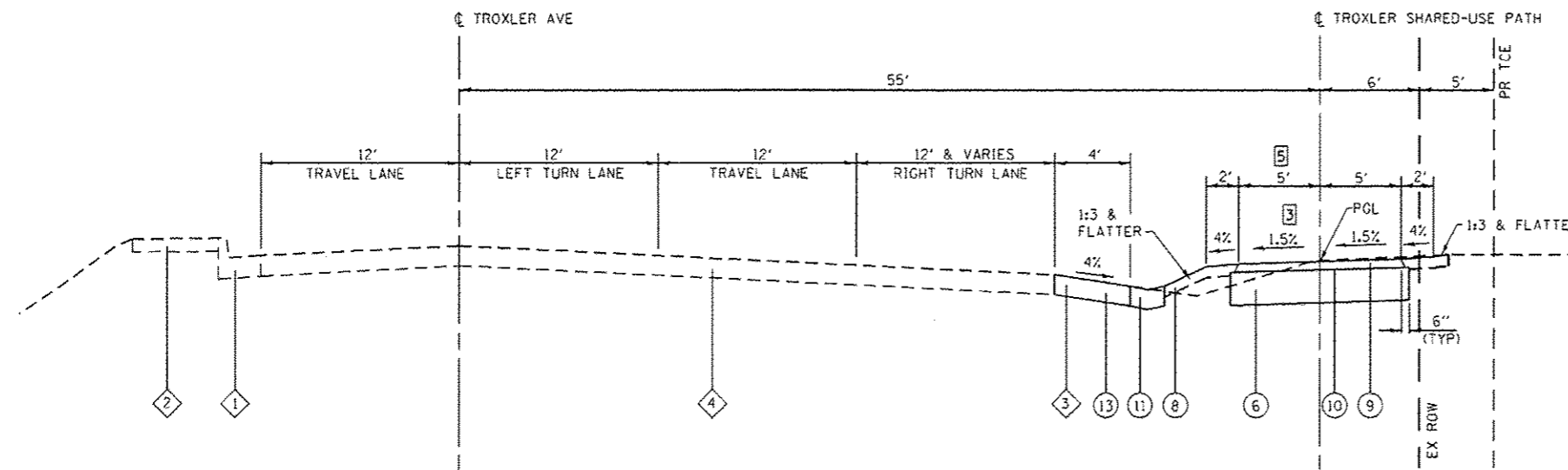
- 1 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 2 EXISTING CONCRETE SIDEWALK
- 3 EXISTING ASPHALT SHOULDER
- 4 EXISTING CONCRETE PAVEMENT
- 5 EXISTING AGGREGATE SHOULDER
- 6 PROPOSED AGGREGATE BASE COURSE, TYPE A 12"
- 7 DELETED
- 8 PROPOSED TOPSOIL FURNISH AND PLACE 4"
- 9 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, SPECIAL 3"
- 10 PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- 11 PROPOSED CONCRETE GUTTER, TYPE A
- 12 PROPOSED STORM SEWER
- 13 PROPOSED HOT-MIX ASPHALT SHOULDER 8"
- 14 PROPOSED CONCRETE CURB, TYPE B (SPECIAL)

**TYPICAL SECTION NOTES**

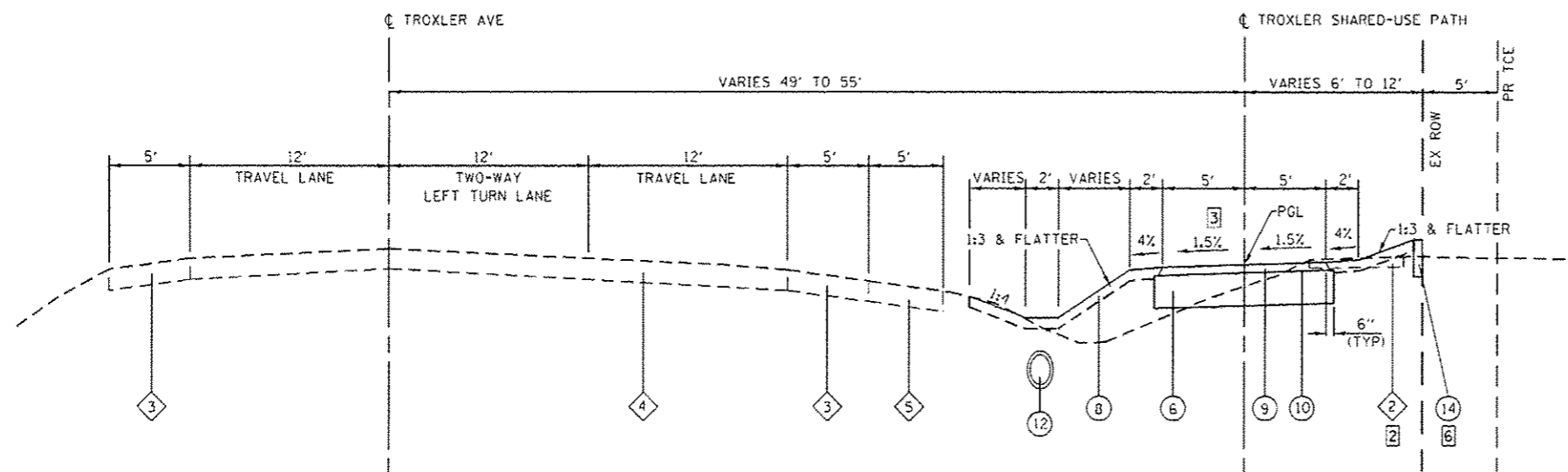
- 1 TRANSITION FROM -1.5% TO +1.5% FROM STA 14+00.0 TO STA 14+50.0
- 2 EXISTING CONCRETE SIDEWALK ENDS AT STA 29+80.0
- 3 CROSS SLOPE OF PATH SHALL BE 1.5% NOMINAL, 2% MAX
- 4 WIDTH OF PATH WIDENS FROM 6' AT STA 11+39.7 TO 10' AT STA 12+04.7
- 5 WIDTH OF PATH NARROWS FROM 10' AT STA 37+68.2 TO 6' AT STA 38+18.2
- 6 STA 24+00.0 TO STA 29+74.0

**MIXTURES TABLE**

MIXTURE USE	SURFACE CRSE SPECIAL	SHOULDER
THICKNESS	3"	8"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE BOE SPECIAL PROVISION	SEE BOE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=30
MIX COMPOSITION	IL-9.5	N/A
FRICTION AGG	MIXTURE "C"	BAM



**PROPOSED TROXLER SHARED-USE PATH**  
STA 34+85.0 TO STA 39+25.5



**PROPOSED TROXLER SHARED-USE PATH**  
STA 24+31.0 TO STA 34+85.0

FILE NAME: H:\P\15215\Construction\Drawings\061515-151-1\typical.dgn



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 PLOT DATE: = 3/4/2016  
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DESIGNED: -  
 DRAWN: -  
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 DATE: -

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 2 OF 2 SHEETS STA. 26+05.0 TO STA. 39+25.5

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	7
				CONTRACT NO. 97618
ILLINOIS DEPT. OF TRANSPORTATION				

**EARTHWORK**

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)	TOPSOIL FURNISH & PLACE 4" (SQ YD)
SHARED-USE PATH						
11+39.7	39+25.5	965	725	700	25	4610
TOTAL		965	725	700	25	4,610

**EARTHWORK NOTES:**

1. ESTIMATED SHRINKAGE FACTOR = 25%.
2. APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
3. APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

**CURB & GUTTER**

STATION	STATION	OFFSET	COMB CURB GUTTER REM (FOOT)	CONC GUTTER TA (FOOT)	COMB CC&G TB6.24 (FOOT)	COMB CC&G TM6.06 (FOOT)	CONC CURB TB SPL (FOOT)
24+00.0	29+74.1	RT					500
28+14.6	28+27.4	LT				42	
34+82.0	38+29.5	LT		348			
38+96.3	39+09.8	CL	18		18		
TOTAL			18	348	18	42	500

**SHARED-USE PATH /SIDEWALK**

STATION	STATION	OFFSET	AGG BASE CSE A 12 (SQ YD)	PC CONC SIDEWALK 4 (SQ FT)	SUB GRAN MAT A 4 (SQ YD)	DETECTABLE WARNINGS (SQ YD)	HMA SC SPECIAL (SQ YD)	SIDEWALK REM (SQ FT)
11+39.7	24+31.0	CL	1,518	180	21	20	1,378	6,638
24+31.0	26+31.0	CL	184	167	19	40	173	799
26+31.0	28+21.0	CL	173	167	19	40	157	737
28+21.0	30+30.0	CL	201	158	18	40	183	661
28+21.0	30+30.0	LT		55	6			134
28+21.0	30+30.0	RT		26	3			26
30+30.0	34+27.0	CL	436	150	17	40	397	
34+27.0	39+25.5	CL	442	349	39	44	400	
TOTAL			2,954	1,252	142	224	2,688	8,995

**ENTRANCE**

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 1) (FOOT)	ENTRANCE DEPTH "D" (FOOT)	EXISTING SURFACE TYPE	SUB GRAN MAT A 4 (SQ YD)	PCC DRIVEWAY PAVT 8 (SQ YD)	CONC MEDIAN SURF 4 (SQ FT)	DRIVEWAY PAVEMENT REM (SQ YD)
24+31.0	RT	CE	30	36.7	CONC	159	159		167
26+31.0	RT	CE	30	36.7	CONC	159	159		158
28+21.0	RT	CE	30	36.7	CONC	159	148	75	165
30+30.0	RT	CE	24	36.7	CONC	155	155		160
34+27.0	RT	CE	24	34.2	CONC	146	146		142
TOTAL						778	767	75	792

**ENTRANCE NOTES:**

1. PRIOR TO CONSTRUCTION, THE ENGINEER WILL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES. THE CONTRACTOR SHALL CONFIRM THE FINAL LOCATIONS AND WIDTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION. SEE CONSTRUCTION DETAILS SHEET FOR ENTRANCE DETAILS.
2. THE COST FOR STEEL WIRE MESH SHALL BE INCLUDED IN THE UNIT COST FOR PCC DRIVEWAY PAVT 8.

**EROSION CONTROL**

STATION	STATION	OFFSET	HD EROS CONTR BLANKET (SY YD)	TEMP EROS CONTR SEED (NOTE 1) (POUND)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECTION (EACH)
11+39.7	39+25.5	LT	709	138	340	13
11+39.7	39+25.5	RT	60	48	220	2
TOTAL			769	186	560	15

**EROSION CONTROL NOTES:**

1. THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES TWO SEPARATE APPLICATIONS AT A RATE OF 100 POUNDS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

**PAVEMENT MARKING**

STATION	STATION	PT PVT MK LTRS & SYMB (NOTE 1) (SQ FT)	PAINT PVT MK LINE 4 (NOTE 1) (FOOT)	PAINT PVT MK LINE 12 (NOTE 1) (FOOT)	PAINT PVT MK LINE 24 (NOTE 1) FOOT
11+39.7	24+31.0		350	34	
24+31.0	26+31.0		38	69	
26+31.0	28+21.0	6.7	35	69	
28+21.0	30+30.0	6.7	41	61	
30+30.0	34+27.0		89	54	
34+27.0	39+25.5	8.6	130	156	17
TOTAL		22	683	443	17

**PAVEMENT MARKING NOTES:**

1. SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

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**SIGN**

STATION	OFFSET	MUTCD TYPE	DESCRIPTION	SIZE	SIGN PANEL T1 (SO FT)	REMOV SIN PAN ASSY TA (EACH)	REMOV SIN PAN ASSY TB (EACH)	RELOC SIGN PANEL T1 (SO FT)	METAL POST TY A (FOOT)	METAL POST TY B (FOOT)	WOOD SIN SUPPORT (FOOT)
12+15	LT	R5-1101	TRUCK ROUTE & DISMOUNT BIKE	24" X 30" & 12" X 18"	6.5	1				14	
13+70	LT	R2-1	SPEED LIMIT	24" X 30"	5.0					14	
14+70	LT	R3-9B	CENTER LANE ONLY	24" X 36"	6.0	1				14	
16+25	LT	R8-3A	NO PARKING	18" X 24"	3.0	1			15		
21+50	LT	R8-3A	NO PARKING	18" X 24"	3.0	1			14		
24+00	RT	R1-2	YIELD	18" X 18"	0.8				9		
24+52	LT	R1-1	STOP	30" X 30"	3.5	1				14	
24+60	LT	R1-2	YIELD	18" X 18"	0.8				9		
25+00	LT	R2-1	SPEED LIMIT	24" X 30"	5.0	1				16	
25+30	RT	R8-3A	NO PARKING	18" X 24"	3.0				13		
25+95	LT	S1-1 & W16-9P	CROSSING & AHEAD	30" X 30" & 24" X 12"	8.3	1				17	
26+03	RT	R1-2	YIELD	18" X 18"	0.8				9		
26+52	LT	R1-1	STOP	30" X 30"	3.5	1				14	
26+60	LT	R1-2	YIELD	18" X 18"	0.8				9		
27+00	LT / RT	R3-9B	CENTER LANE ONLY	24" X 36"	6.0	1				15	
27+30	RT	R8-3A	NO PARKING	18" X 24"	3.0	1			13		
27+60	LT	R8-3A	NO PARKING	18" X 24"	3.0				14		
27+93	RT	R1-2	YIELD	18" X 18"	0.8				9		
28+19	LT	R5-1X-2	ENTER ONLY	28" X 24"	4.7					13	
28+25	LT	R5-1	DO NOT ENTER	36" X 36"	9.0					14	
28+42	LT	R1-1	STOP	30" X 30"	3.5	1				14	
28+50	LT	R1-2	YIELD	18" X 18"	0.8				9		
29+10	RT	R8-3A	NO PARKING	18" X 24"	3.0				13		
29+95	LT	S1-1 & W16-7P	CROSSING & ARROW	30" X 30" & 24" X 12"	8.3						
30+08	RT	R1-2	YIELD	18" X 18"	0.8				9		
30+15	RT	R6-2R	ONE WAY	24" X 30"	5.0	1		3			15
30+45	RT	R6-2L	ONE WAY	24" X 30"	5.0	1		3			15
30+55	LT	R1-2	YIELD	18" X 18"	0.8				9		
32+65	LT	R8-3A	NO PARKING	18" X 24"	3.0	1			14		
34+05	RT	R1-2	YIELD	18" X 18"	0.8				9		
34+08	LT	R5-1 & R1-1	DO NOT ENTER & STOP	36" X 36" & 30" X 30"	12.5		1			14	
34+48	LT	R5-1 & R1-2	DO NOT ENTER & STOP	36" X 36" & 30" X 30"	12.5		1			14	
34+55	LT	R1-2	YIELD	18" X 18"	0.8				9		
36+00	LT	R3-1100	RIGHT TURN LANE	24" X 24"	4.0	1			13		
36+50	LT	R8-3A	NO PARKING	18" X 24"	3.0				13		
37+65	RT		DISMOUNT BIKES	12" X 18"	1.5				9		
38+21	RT	R10-3A	PUSH BOTTON , CROSSING	9" X 15"	0.9						
39+14	RT	R10-3A	PUSH BOTTON , CROSSING	9" X 15"	0.9						
<b>TOTAL</b>					<b>144</b>	<b>15</b>	<b>2</b>	<b>6</b>	<b>221</b>	<b>187</b>	<b>30</b>

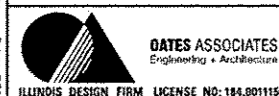
**SEEDING**

STATION	STATION	OFFSET	SEEDING CL 2 SPL (ACRE)	NITROGEN FERT NUTR (NOTE 1) (POUND)	PHOSPHORUS FERT NUTR (NOTE 1) (POUND)	POTASSIUM FERT NUTR (NOTE 1) (POUND)	MULCH METHOD 2 (NOTE 1) (ACRE)
11+39.7	39+25.5	LT	0.7	63	63	63	0.7
11+39.7	39+25.5	RT	0.3	23	23	23	0.3
<b>TOTAL</b>			<b>1.0</b>	<b>86</b>	<b>86</b>	<b>86</b>	<b>1.0</b>

**SEEDING NOTES:**

- FERTILIZER AND MULCH QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE COST FOR FERTILIZER AND MULCH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SEEDING, CLASS 2 (SPECIAL).

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 CHECKED -  
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 PLOT DATE = 2/3/2016

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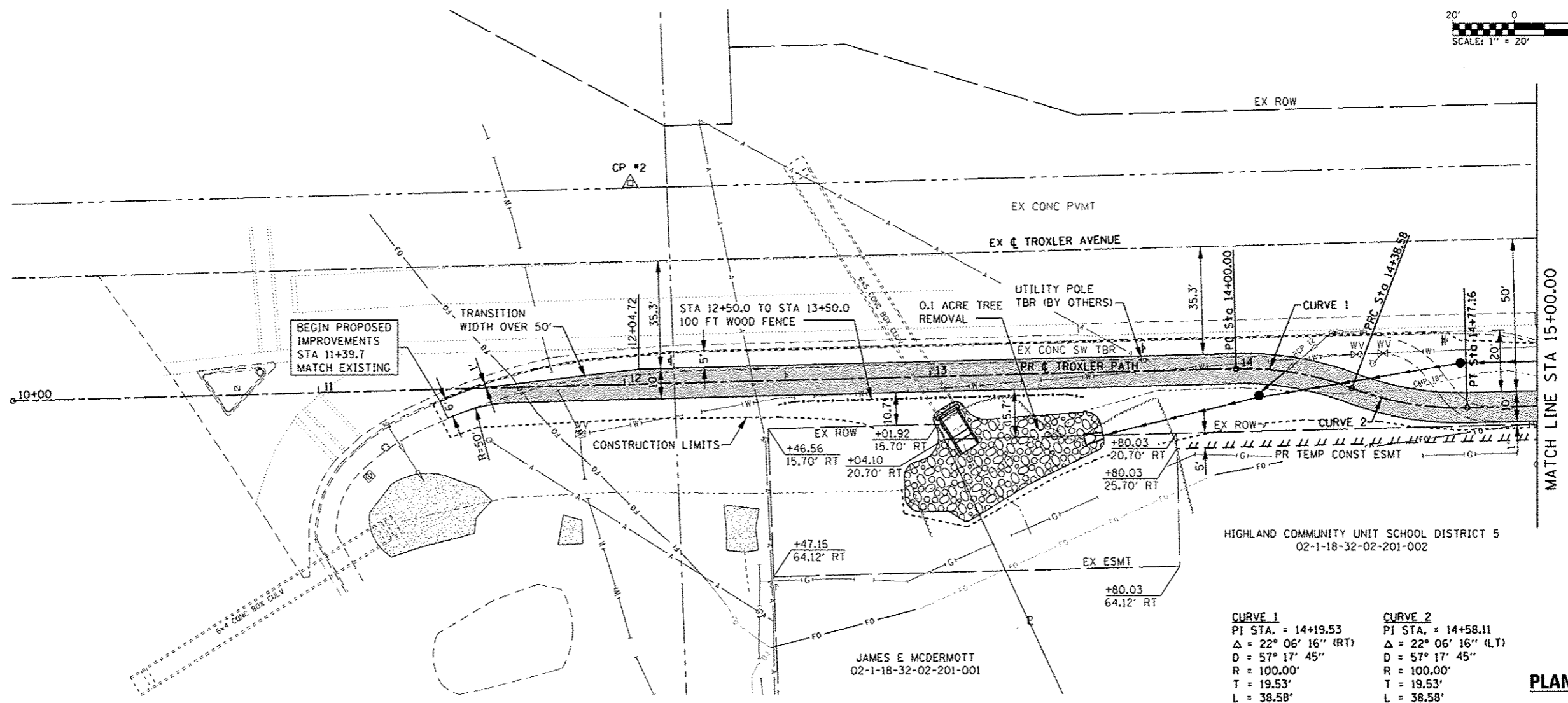
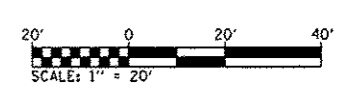
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	9
CONTRACT NO. 97618			ILLINOIS FED. AID PROJECT	



HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

JAMES E McDERMOTT  
02-1-18-32-02-201-001

CURVE 1		CURVE 2	
PI STA. =	14+19.53	PI STA. =	14+58.11
Δ =	22° 06' 16" (RT)	Δ =	22° 06' 16" (LT)
R =	100.00'	R =	100.00'
T =	19.53'	T =	19.53'
L =	38.58'	L =	38.58'
E =	1.89'	E =	1.89'

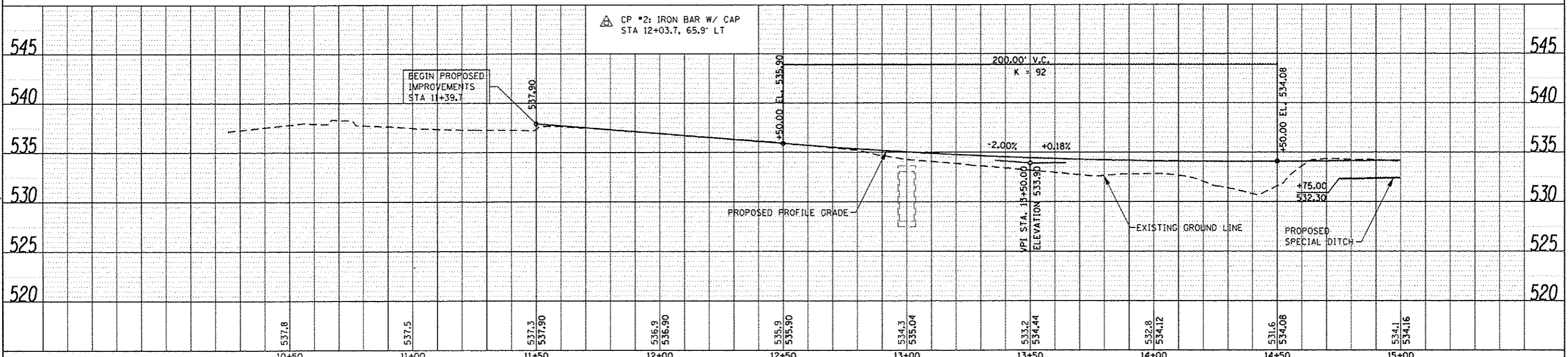
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PROPOSED  
 SHARED-USE PATH

PLAN	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	

PROFILE	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	

△ CP #2: IRON BAR W/ CAP  
STA 12+03.7, 65.9' LT



537.8	537.5	537.3 537.90	536.9 536.90	535.9 535.90	534.3 535.04	533.2 534.44	532.8 534.12	531.6 534.08	534.1 534.16
10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00

**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

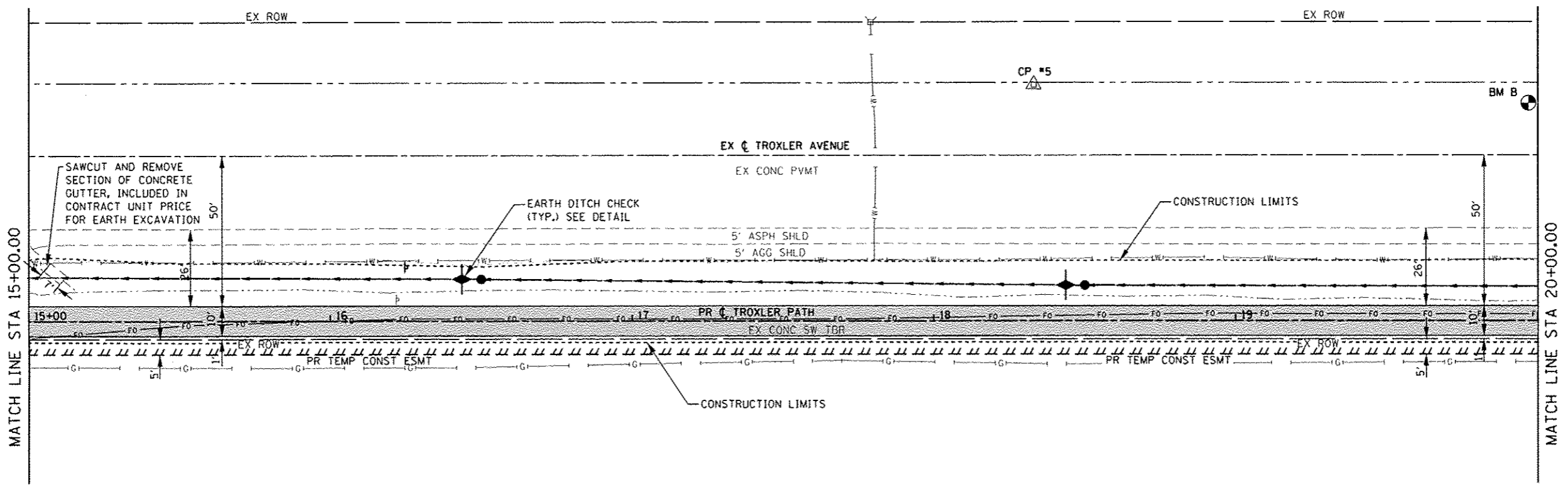
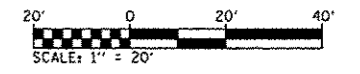
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE SHEETS**

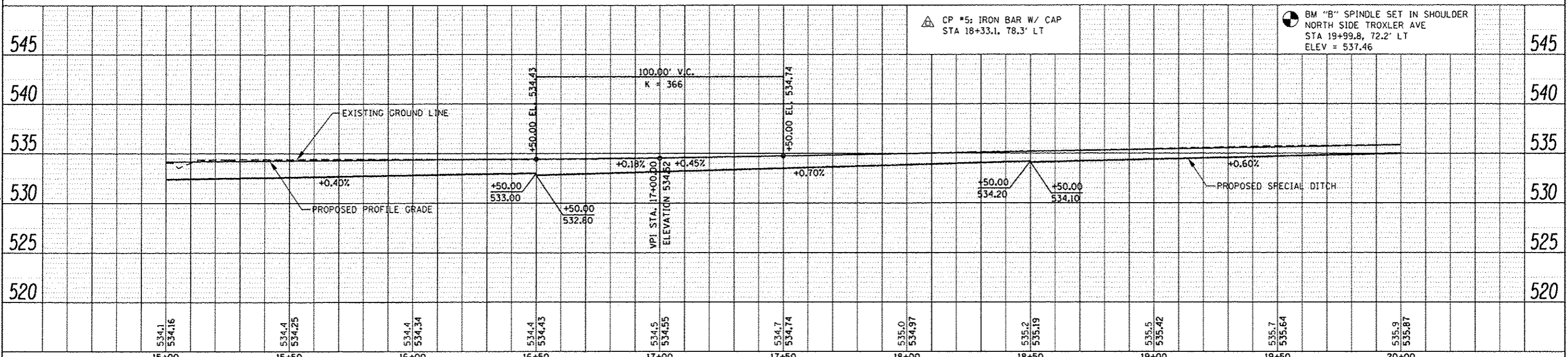
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	10
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

**PLAN SHEET LEGEND**



△ CP #5: IRON BAR W/ CAP  
STA 18+33.1, 78.3' LT

⊙ BM "B" SPINDLE SET IN SHOULDER  
NORTH SIDE TROXLER AVE  
STA 19+99.8, 72.2' LT  
ELEV = 537.46

PLAN	DESIGNED	DATE
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	CHECKED	
	NOTED	
	BY	
	DATE	

PROFILE	DESIGNED	DATE
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**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

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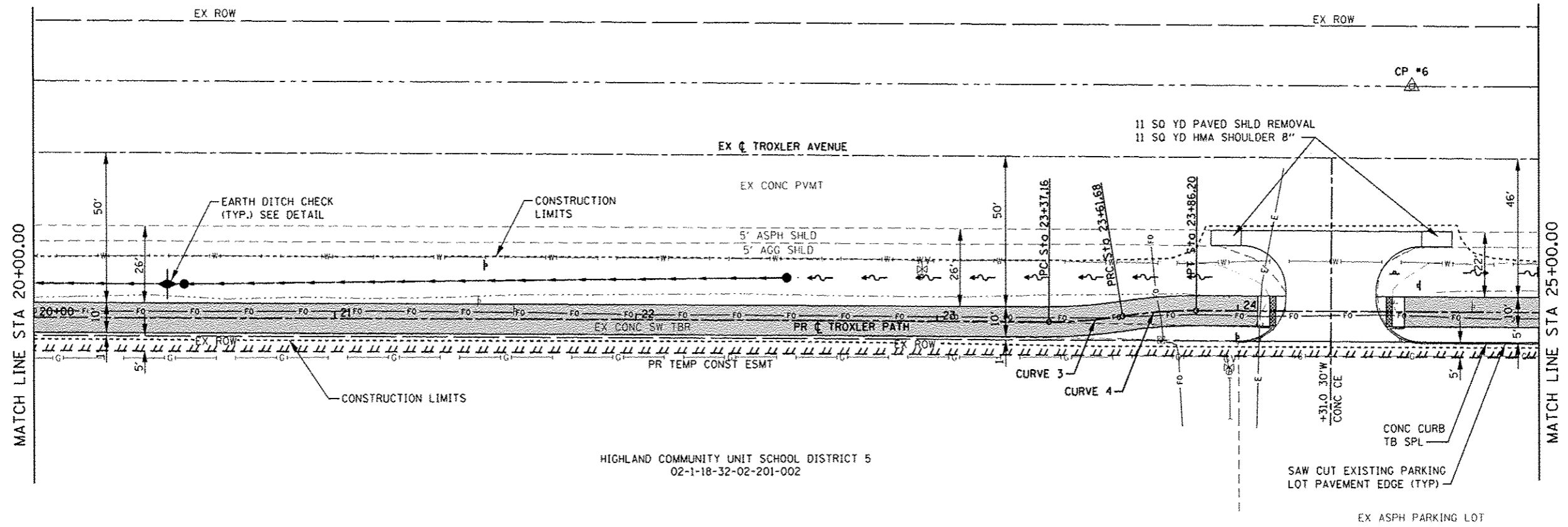
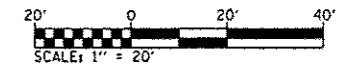
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE SHEETS**

SCALE: 1"=20'    SHEET 2    OF 6    SHEETS    STA. 15+00.00    TO    STA. 20+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	11
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

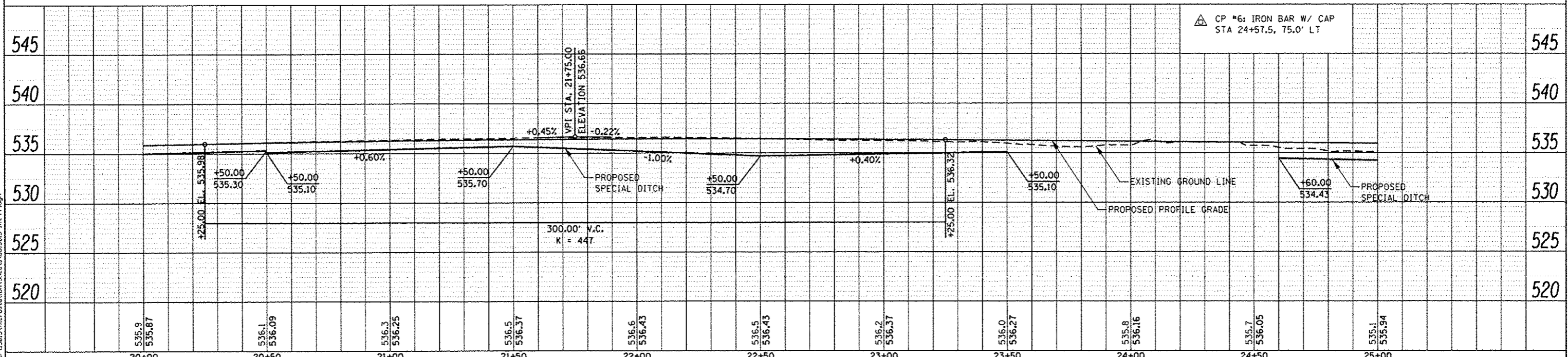


HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

CURVE 3	CURVE 4
PI STA. = 23+49.45	PI STA. = 23+73.97
Δ = 9° 22' 00" (LT)	Δ = 9° 22' 00" (RT)
D = 38° 11' 50"	D = 38° 11' 50"
R = 150.00'	R = 150.00'
T = 12.29'	T = 12.29'
L = 24.52'	L = 24.52'
E = 0.50'	E = 0.50'

**PLAN SHEET LEGEND**

PROPOSED SHARED-USE PATH

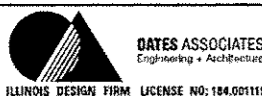


△ CP #6: IRON BAR W/ CAP  
STA 24+57.5, 75.0' LT

PLAN	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	

PROFILE	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	

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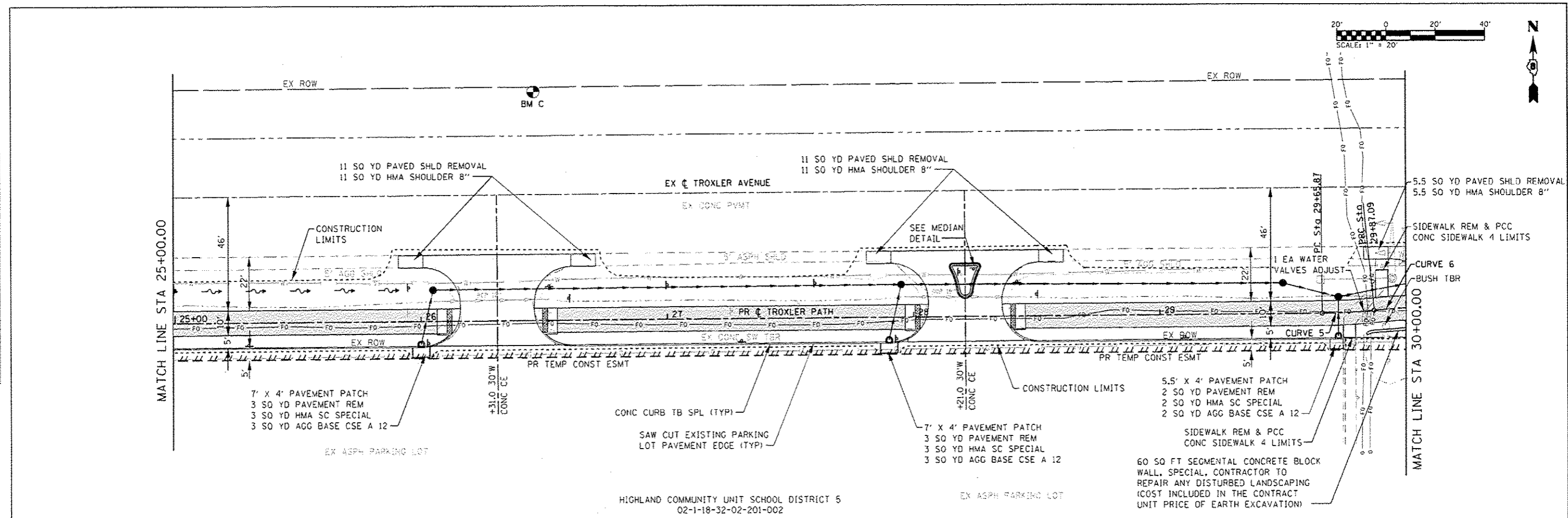
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'	SHEET 3 OF 6 SHEETS	STA. 20+00.00 TO STA. 25+00.00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	12
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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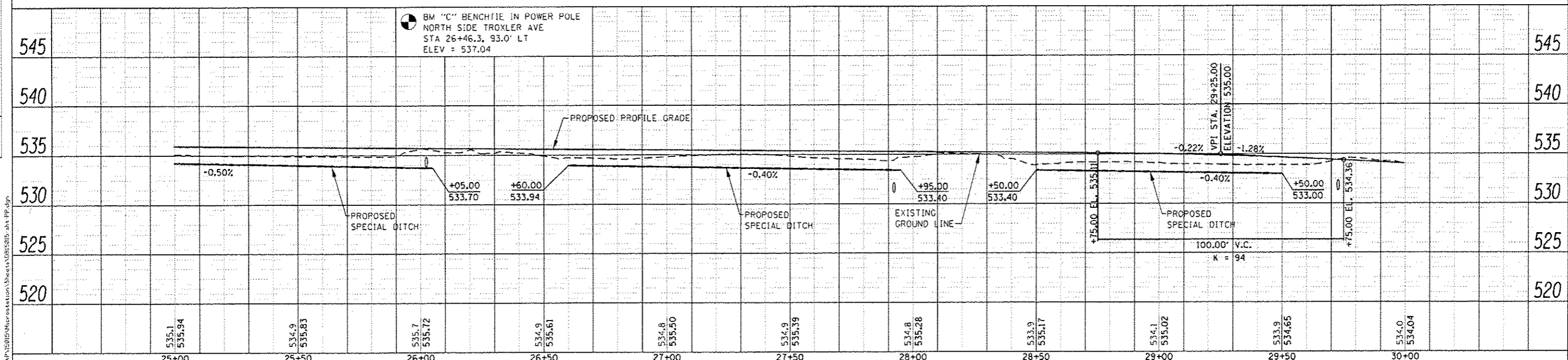
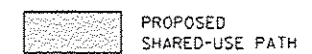
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DATE	



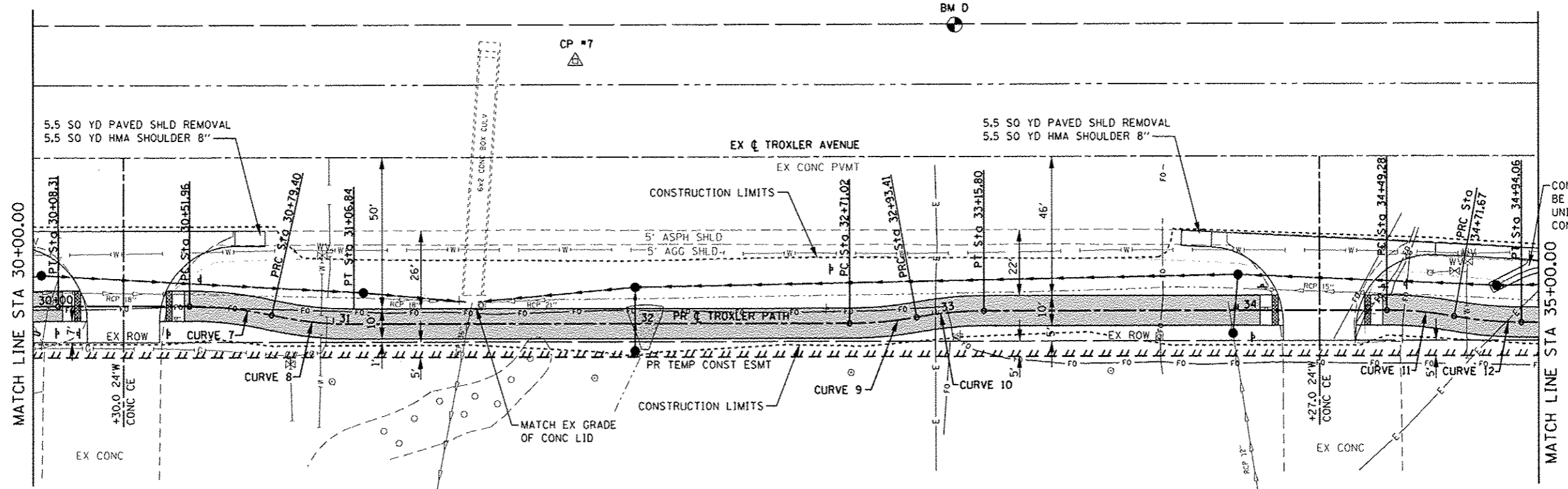
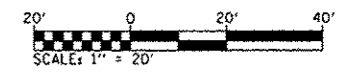
HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

CURVE 5		CURVE 6	
PI STA. = 29+76.49	PI STA. = 29+97.71	PI STA. = 29+76.49	PI STA. = 29+97.71
Δ = 5° 24' 14" (LT)	Δ = 5° 24' 14" (RT)	Δ = 5° 24' 14" (LT)	Δ = 5° 24' 14" (RT)
D = 25° 27' 53"	D = 25° 27' 53"	D = 25° 27' 53"	D = 25° 27' 53"
R = 225.00'	R = 225.00'	R = 225.00'	R = 225.00'
T = 10.62'	T = 10.62'	T = 10.62'	T = 10.62'
L = 21.22'	L = 21.22'	L = 21.22'	L = 21.22'
E = 0.25'	E = 0.25'	E = 0.25'	E = 0.25'

**PLAN SHEET LEGEND**



<p><b>GATES ASSOCIATES</b> Civil Engineering &amp; Architecture ILLINOIS DESIGN FIRM LICENSE NO: 184.001115</p>	USER NAME = andymcoller	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE SHEETS</b>	F.A.U. SECTION COUNTY TOTAL SHEET NO. 18-00066-02-8T MADISON 45 13 CONTRACT NO.
	PLOT SCALE = 48.2000 / in.	DRAWN -	REVISED -			
	PLOT DATE = 3/4/2016	CHECKED -	REVISED -			
	DATE -	REVISED -	REVISED -			
SCALE: 1"=20'		SHEET 4 OF 6 SHEETS		STA. 25+00.00 TO STA. 30+00.00		ILLINOIS FED. AID PROJECT



CONCRETE CUTTER OUTLET WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CONCRETE CUTTER, TYPE A

HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

**CURVE 7**  
PI STA. = 30+65.74  
Δ = 12° 34' 41" (RT)  
D = 45° 50' 12"  
R = 125.00'  
T = 13.78'  
L = 27.44'  
E = 0.76'

**CURVE 8**  
PI STA. = 30+93.18  
Δ = 12° 34' 41" (LT)  
D = 45° 50' 12"  
R = 125.00'  
T = 13.78'  
L = 27.44'  
E = 0.76'

**CURVE 9**  
PI STA. = 32+82.25  
Δ = 10° 15' 47" (LT)  
D = 45° 50' 12"  
R = 125.00'  
T = 11.23'  
L = 22.39'  
E = 0.50'

**CURVE 10**  
PI STA. = 33+04.64  
Δ = 10° 15' 47" (RT)  
D = 45° 50' 12"  
R = 125.00'  
T = 11.23'  
L = 22.39'  
E = 0.50'

**CURVE 11**  
PI STA. = 34+60.51  
Δ = 10° 15' 47" (RT)  
D = 45° 50' 12"  
R = 125.00'  
T = 11.23'  
L = 22.39'  
E = 0.50'

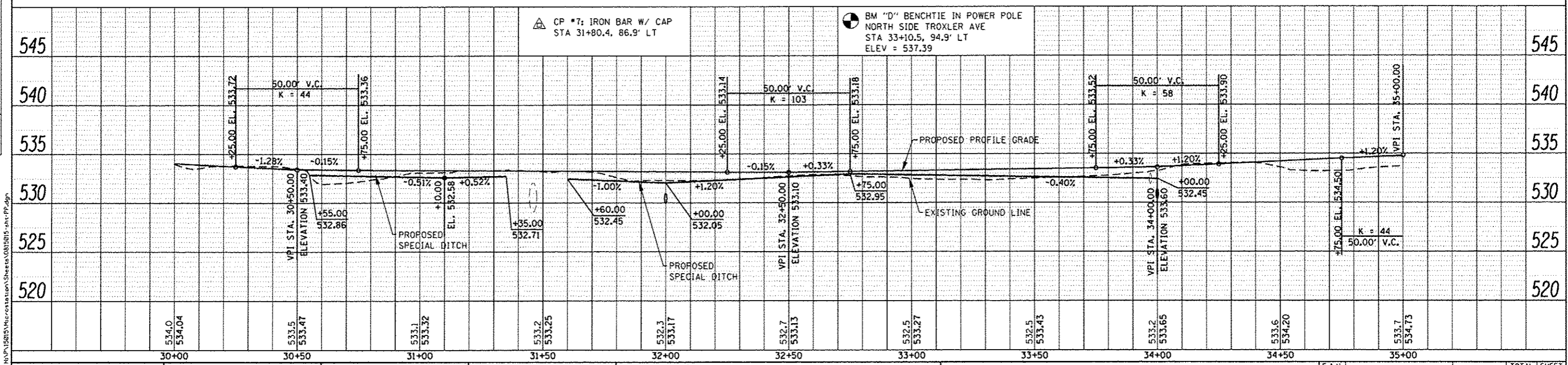
**CURVE 12**  
PI STA. = 34+82.90  
Δ = 10° 15' 47" (LT)  
D = 45° 50' 12"  
R = 125.00'  
T = 11.23'  
L = 22.39'  
E = 0.50'

**PLAN SHEET LEGEND**

PROPOSED SHARED-USE PATH

DATE	
BY	
REVISION	
NO.	
DESCRIPTION	
DATE	
BY	
REVISION	
NO.	
DESCRIPTION	

DATE	
BY	
REVISION	
NO.	
DESCRIPTION	
DATE	
BY	
REVISION	
NO.	
DESCRIPTION	



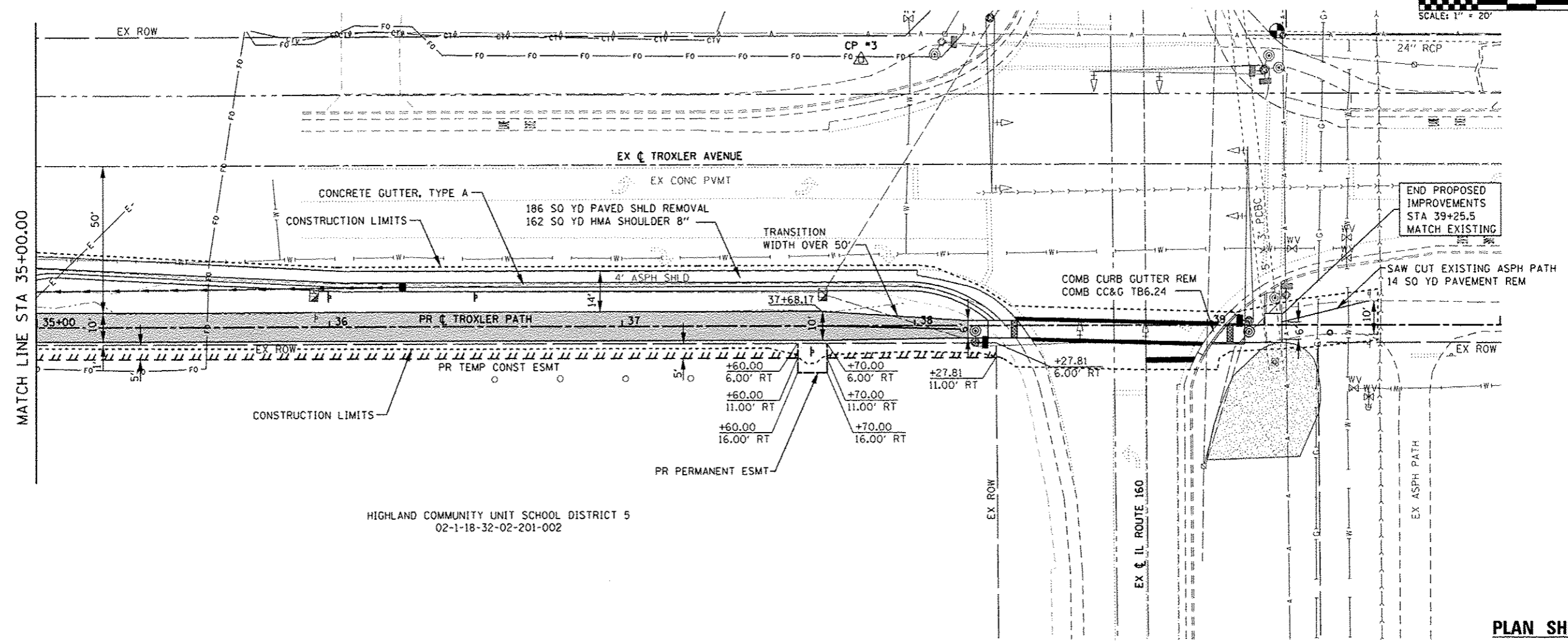
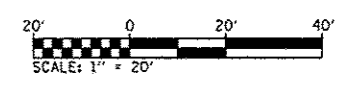
**GATES ASSOCIATES**  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME = andy.mueller	DESIGNED -	REVISED -
PLLOT SCALE = 40.0000' / 1"	DRAWN -	REVISED -
PLLOT DATE = 2/3/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE SHEETS**  
SCALE: 1"=20'  
SHEET 5 OF 6 SHEETS  
STA. 30+00.00 TO STA. 35+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00056-02-BT	MADISON	45	14
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				



END PROPOSED IMPROVEMENTS STA 39+25.5 MATCH EXISTING

SAW CUT EXISTING ASPH PATH 14 SQ YD PAVEMENT REM

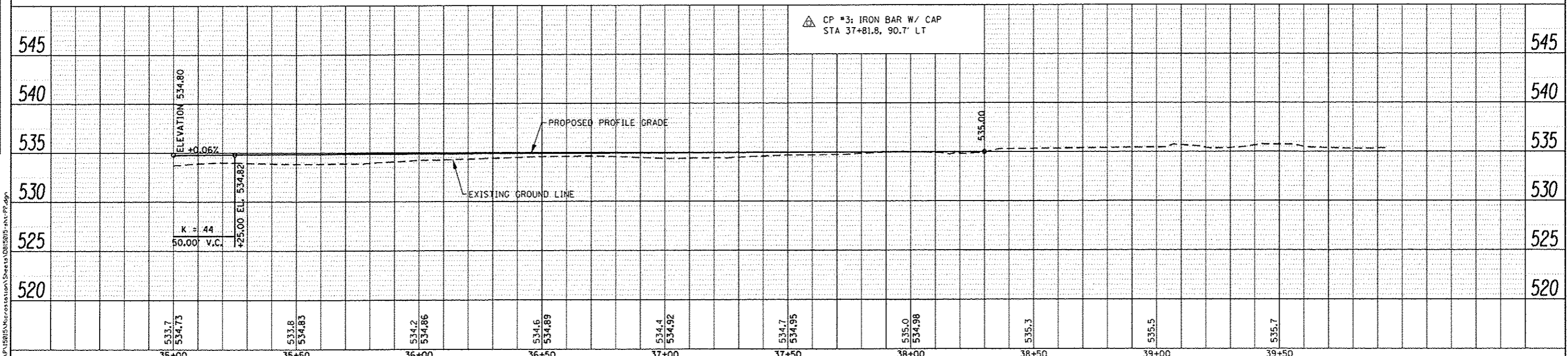
HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

**PLAN SHEET LEGEND**

PROPOSED SHARED-USE PATH

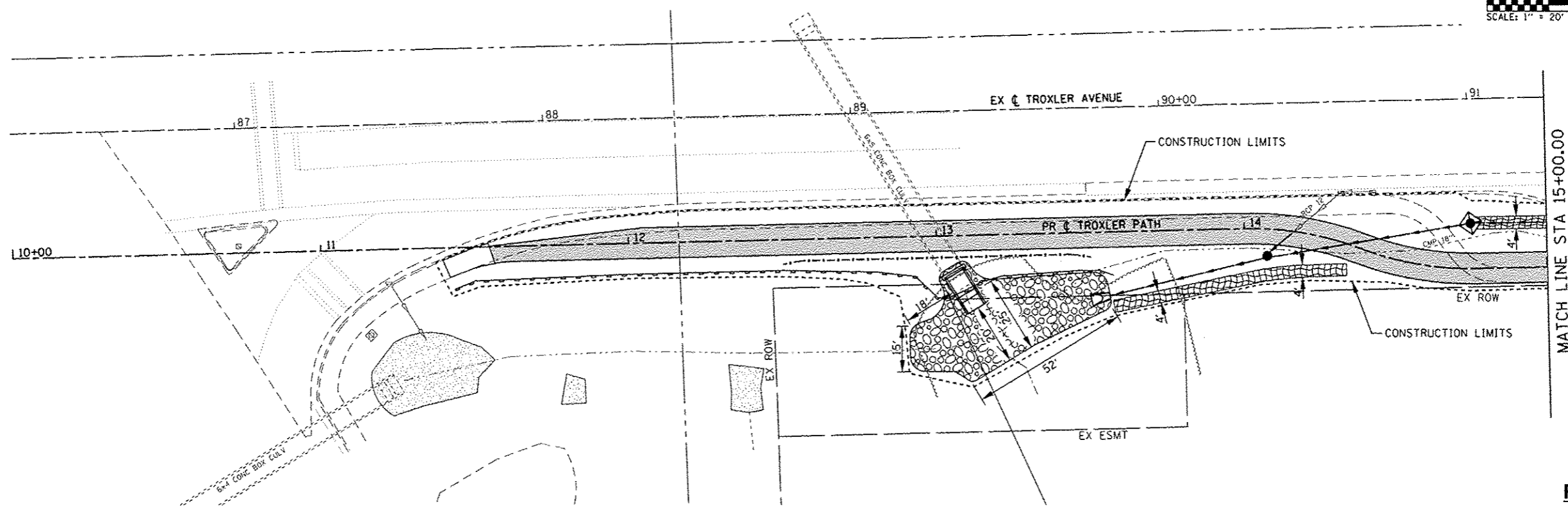
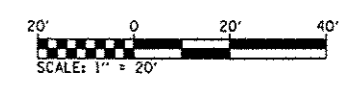
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
BY	
PLANNING	
ENGINEERING	
CONSTRUCTION	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
BY	
PLANNING	
ENGINEERING	
CONSTRUCTION	
NO.	

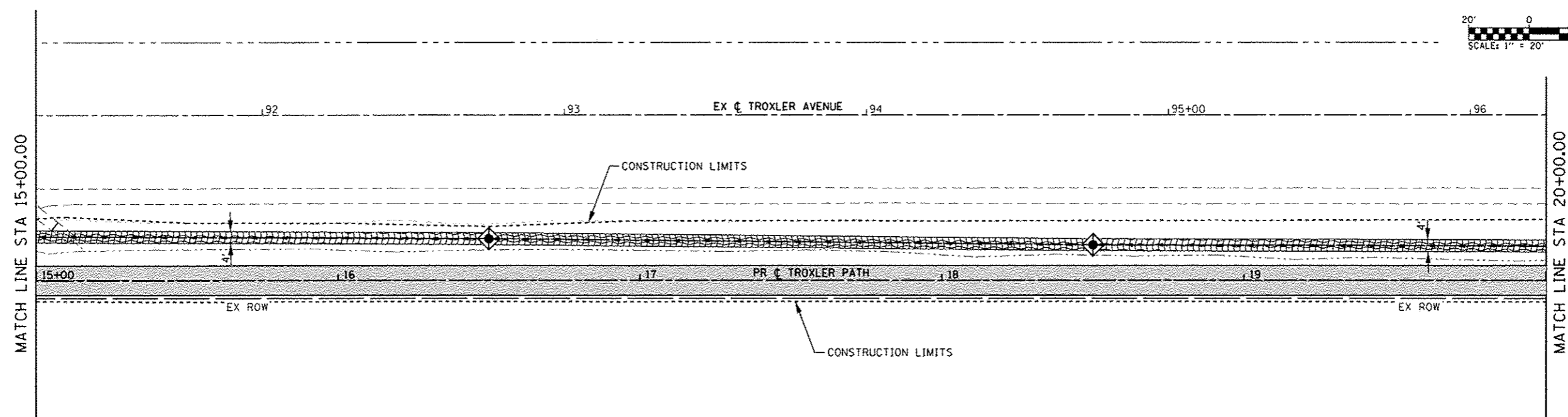
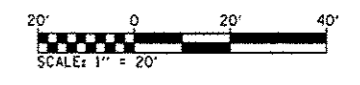
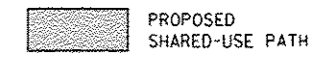


<p><b>OATES ASSOCIATES</b> Engineering &amp; Architecture ILLINOIS DESIGN FIRM LICENSE NO: 184.001115</p>	USER NAME - andymueller DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>PLAN AND PROFILE SHEETS</b></p>	F.A.U. RTE. SECTION 15-00066-02-BT COUNTY MADISON TOTAL SHEETS 45 SHEET NO. 15 CONTRACT NO. 97618	SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 35+00.00 TO STA. 40+00.00	ILLINOIS FED. AID PROJECT
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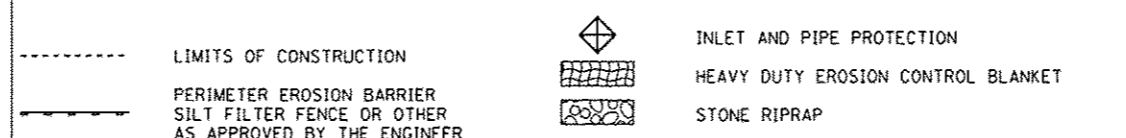
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**PLAN SHEET LEGEND**

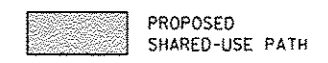


**EROSION CONTROL LEGEND**



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

**PLAN SHEET LEGEND**



FILE NAME: M:\15005\Information\Sheets\0215\_sht\_eros.dgn

**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001116

USER NAME : andy.muller	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2016	DATE -	REVISED -

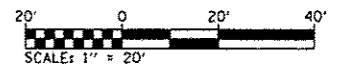
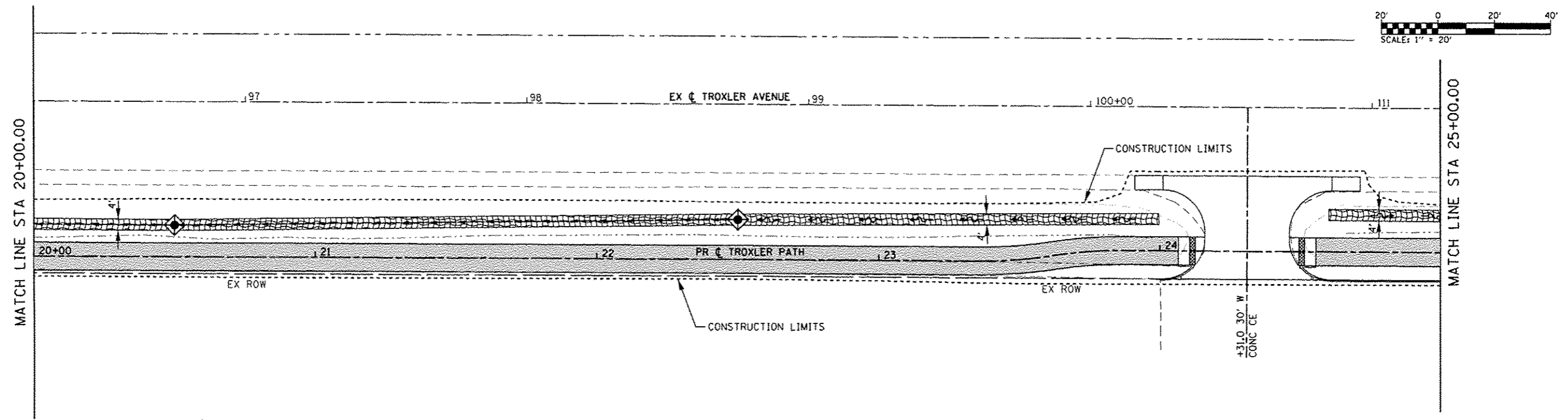
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL SHEETS**

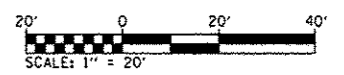
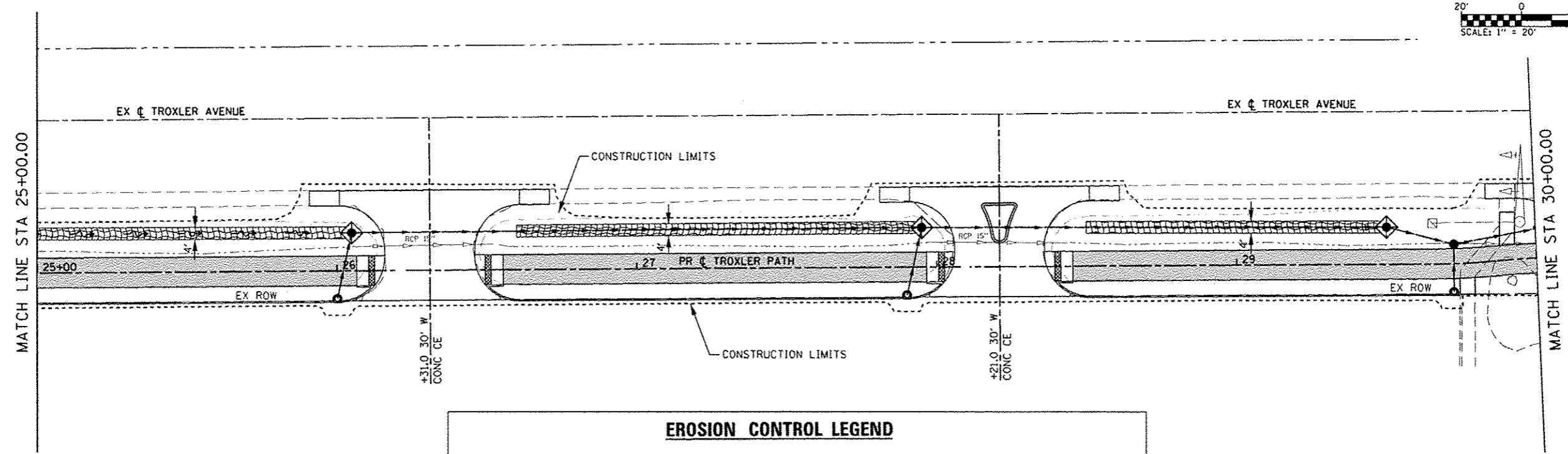
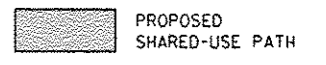
SCALE: 1"=20'    SHEET 1 OF 3 SHEETS    STA. 10+00.00 TO STA. 20+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	16
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				

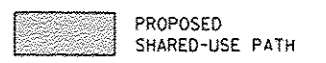




**PLAN SHEET LEGEND**



**PLAN SHEET LEGEND**



**EROSION CONTROL LEGEND**

<p>--- LIMITS OF CONSTRUCTION</p> <p>- - - PERIMETER EROSION BARRIER SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER</p>	<p>◆ INLET AND PIPE PROTECTION</p> <p>▨ HEAVY DUTY EROSION CONTROL BLANKET</p> <p>⊙ STONE RIPRAP</p>	<p>NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.</p>
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FILE NAME = H:\P\15015\Microstation\Sheets\DRS\15015-INT-eros.dgn



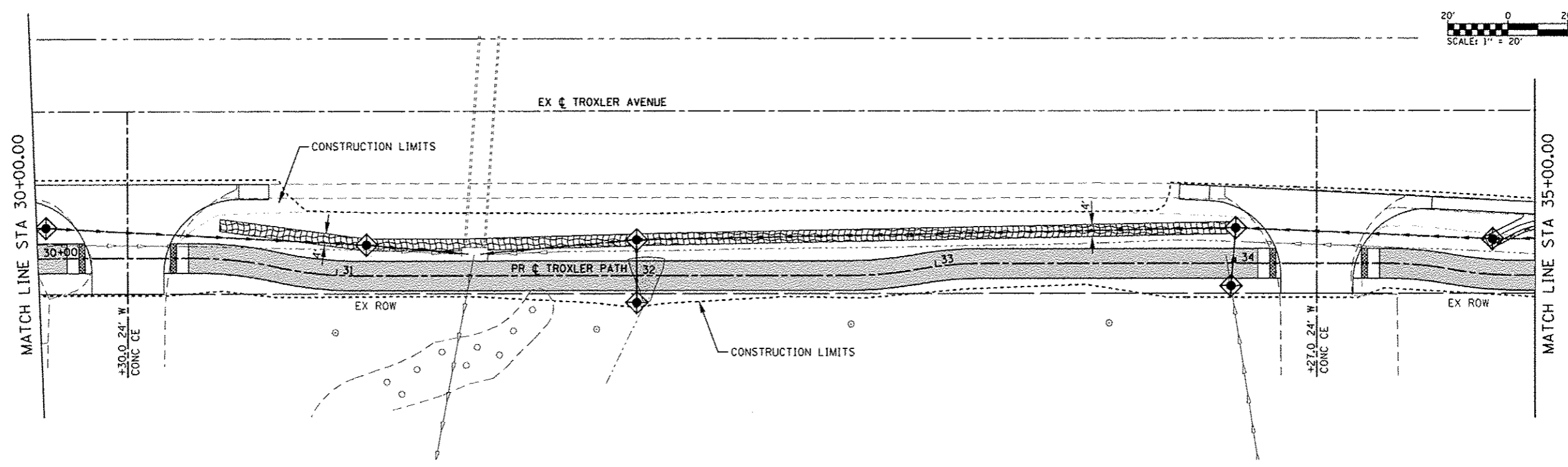
USER NAME = andymueller	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 1/ in.	DRAWN -	REVISED -
PLOT DATE = 2/3/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**EROSION CONTROL SHEETS**

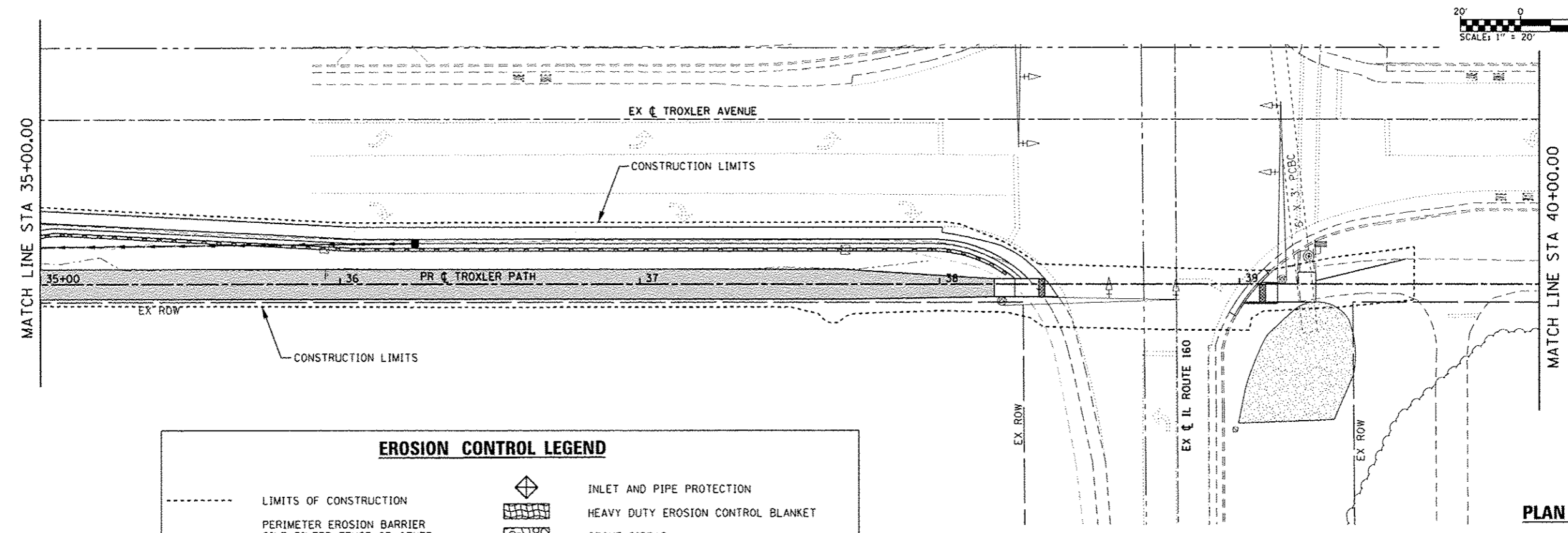
SCALE: 1"=20'    SHEET 2 OF 3 SHEETS    STA. 20+00.00 TO STA. 30+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	17
CONTRACT NO. 97618			ILLINOIS FED. AID PROJECT	



**PLAN SHEET LEGEND**






 PROPOSED SHARED-USE PATH



**PLAN SHEET LEGEND**

 PROPOSED SHARED-USE PATH

**EROSION CONTROL LEGEND**

	LIMITS OF CONSTRUCTION		INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER		HEAVY DUTY EROSION CONTROL BLANKET
			STONE RIPRAP

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

FILE NAME: H:\P\15815\Microstation\Sheets\0815015-11tr-erok.dgn

**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME = andy.mueller	DESIGNED -	REVISED -
PLOT SCALE = 48,0000 1/4 in.	DRAWN -	REVISED -
PLOT DATE = 2/3/2016	CHECKED -	REVISED -
	DATE -	REVISED -

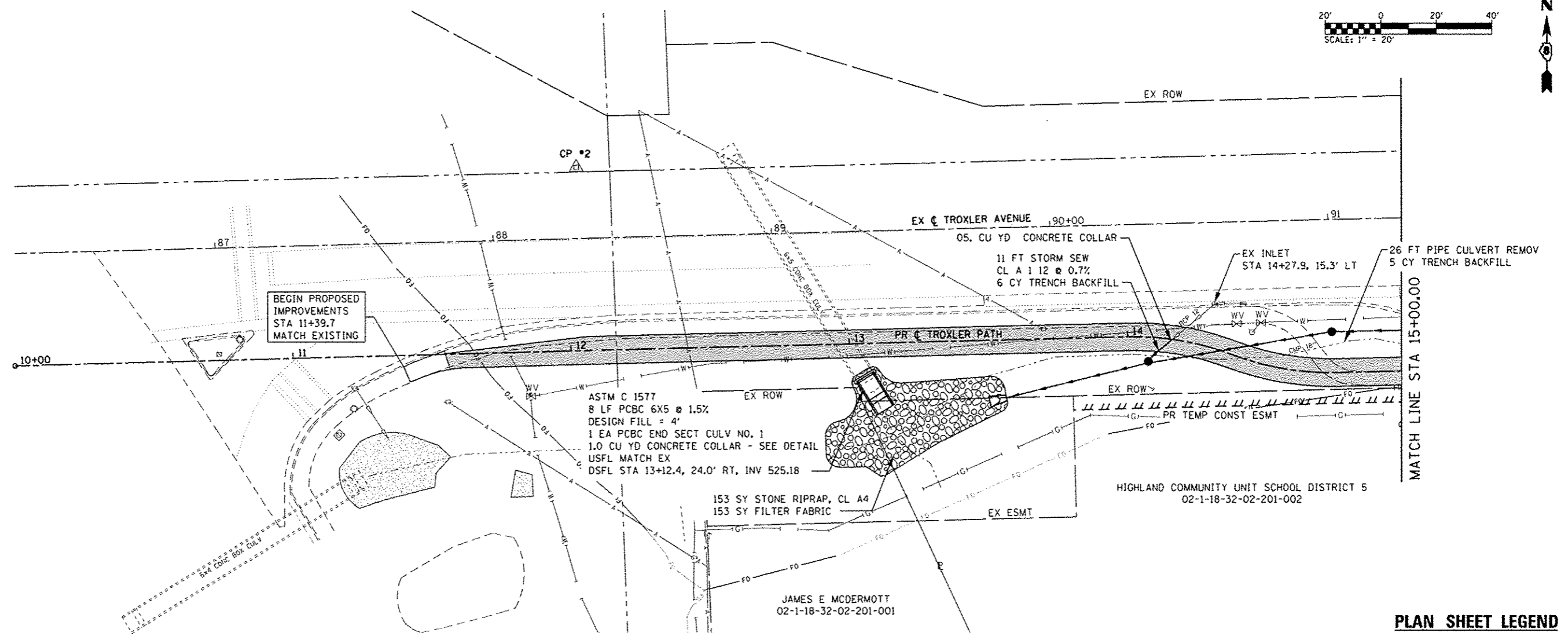
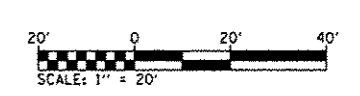
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL SHEETS**

SCALE: 1"=20'    SHEET 3 OF 3 SHEETS    STA. 30+00.00 TO STA. 40+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	18
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				

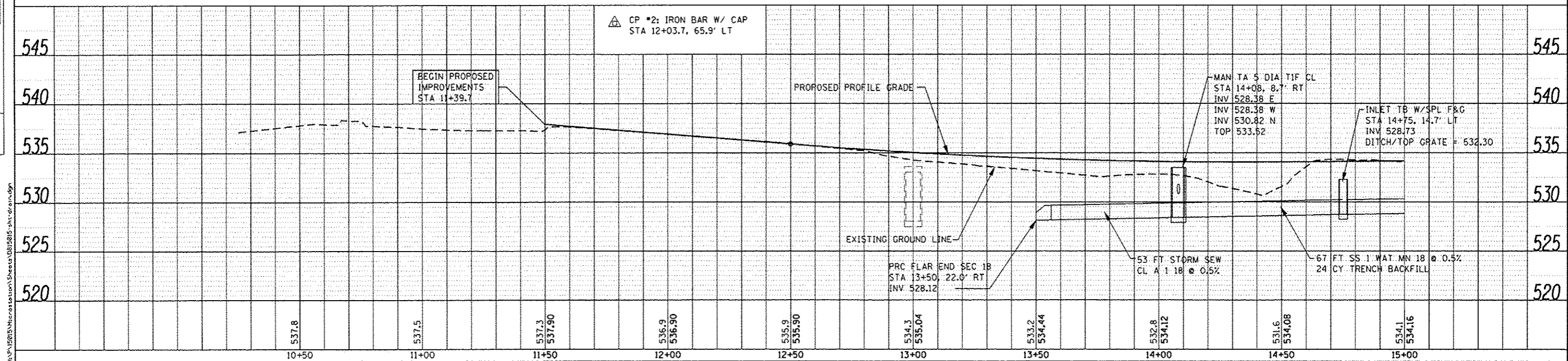


**PLAN SHEET LEGEND**

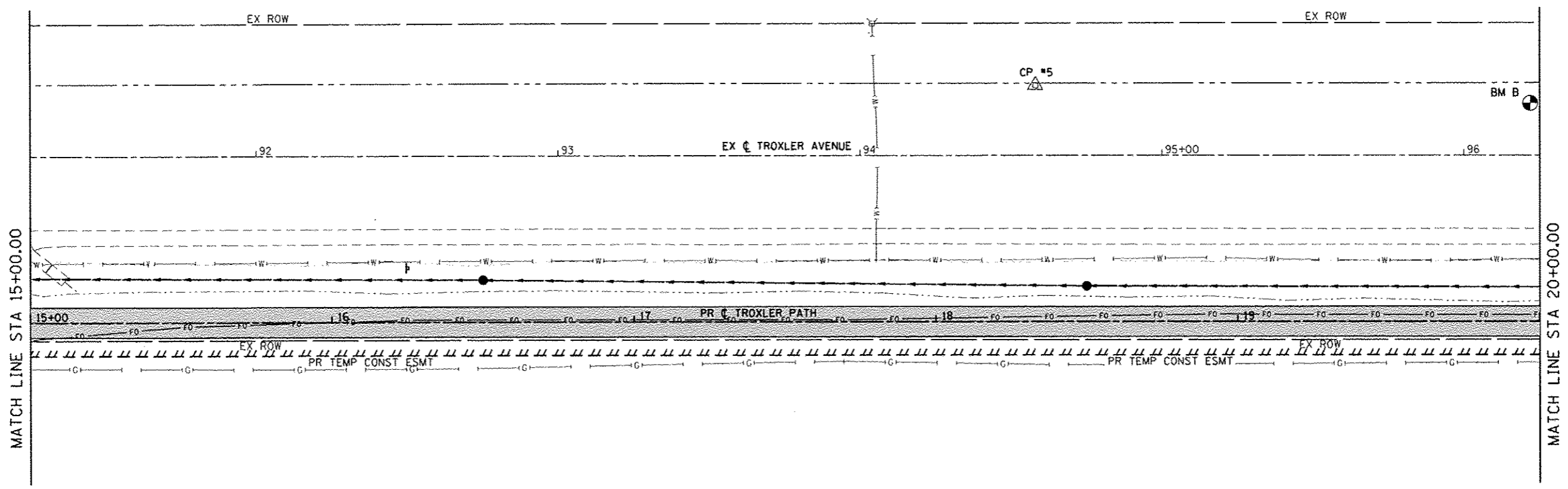
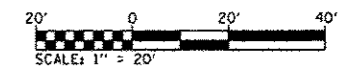


PLAN	DATE
REVISED	
NO. OF WAY CHECKED	
NO. OF FILE NAME	

PROFILE	DATE
REVISED	
NO. OF WAY CHECKED	
NO. OF FILE NAME	

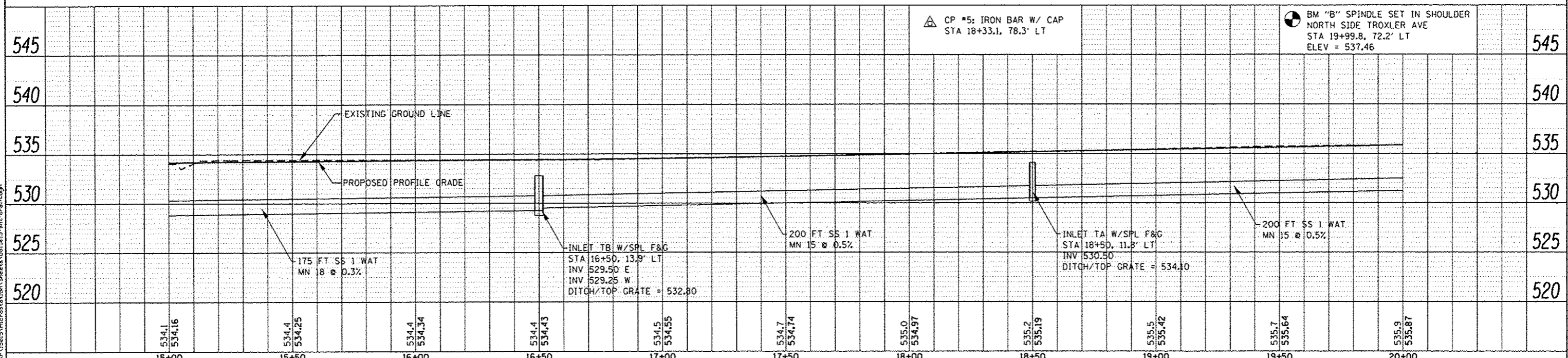


<p><b>GATES ASSOCIATES</b> Engineering + Architecture ILLINOIS DESIGN FIRM LICENSE NO. 184.001115</p>	USER NAME = endy.muller	DESIGNED -	REVISED -	<p><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>DRAINAGE PLAN AND PROFILE SHEETS</b></p>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 / in.	DRAWN -	REVISED -		15-00066-02-8T	MADISON	45	19				
	PLOT DATE = 2/3/2016	CHECKED -	REVISED -		<p>SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 10+00.00 TO STA. 15+00.00</p>				<p>CONTRACT NO. 97618</p>			
		DATE -	REVISED -		<p>ILLINOIS FED. AID PROJECT</p>							



HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

**PLAN SHEET LEGEND**



△ CP #5: IRON BAR W/ CAP  
STA 18+33.1, 78.3' LT

⊙ BM "B" SPINDLE SET IN SHOULDER  
NORTH SIDE TROXLER AVE  
STA 19+99.8, 72.2' LT  
ELEV = 537.46

PLAN	DATE
BY	
CHECKED	
DATE	
NO.	

PROFILE	DATE
BY	
CHECKED	
DATE	
NO.	

FILE NAME: H:\P\15215\Microstation\Sheets\0215015\plan-drainage



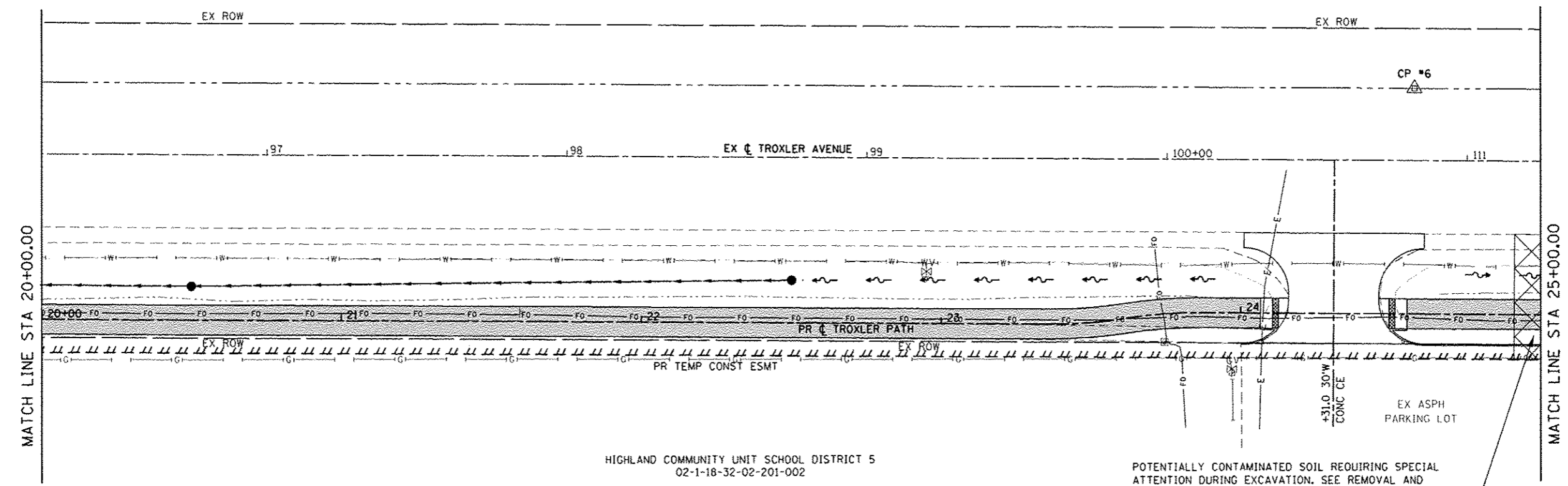
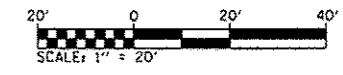
USER NAME: andy.mueller	DESIGNED -	REVISED -
PLOT SCALE: 1/8" = 1' / in.	DRAWN -	REVISED -
PLOT DATE: 2/3/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE SHEETS**

SCALE: 1"=20'    SHEET 2 OF 6 SHEETS    STA. 15+00.00 TO STA. 20+00.00

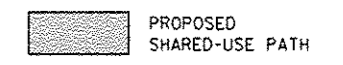
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	20
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				



HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

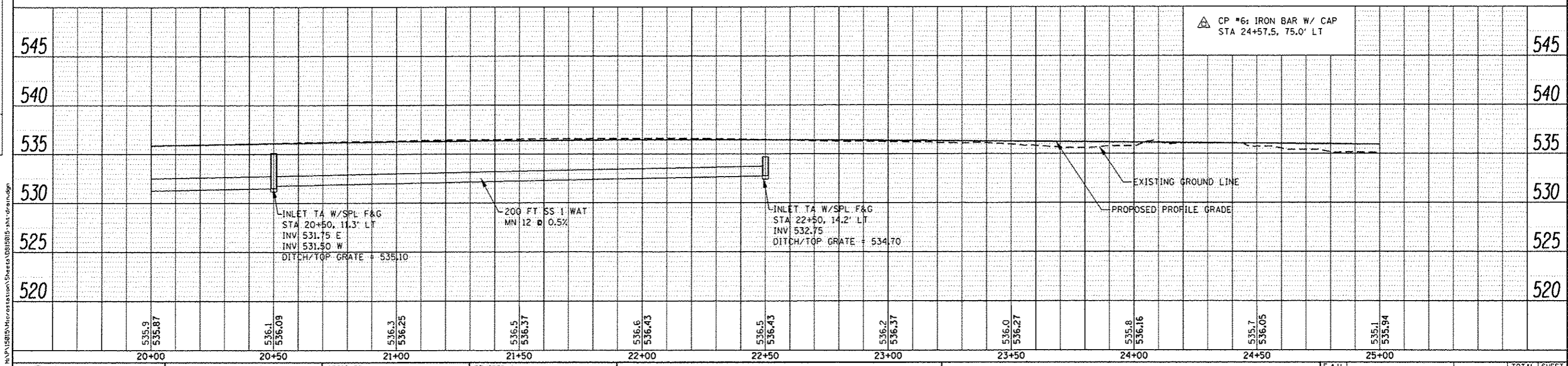
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**PLAN SHEET LEGEND**



PLAN	DATE
BY	
CHECKED	
NO. OF REV. CHECKED	
NO.	

PROFILE	DATE
BY	
CHECKED	
NO. OF REV. CHECKED	
NO.	



535.9	535.87	536.1	536.09	536.3	536.25	536.5	536.37	536.6	536.43	536.5	536.43	536.2	536.37	536.0	536.27	535.8	536.16	535.7	536.05	535.1	535.94
20+00	20+50	21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00											

**QAYES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

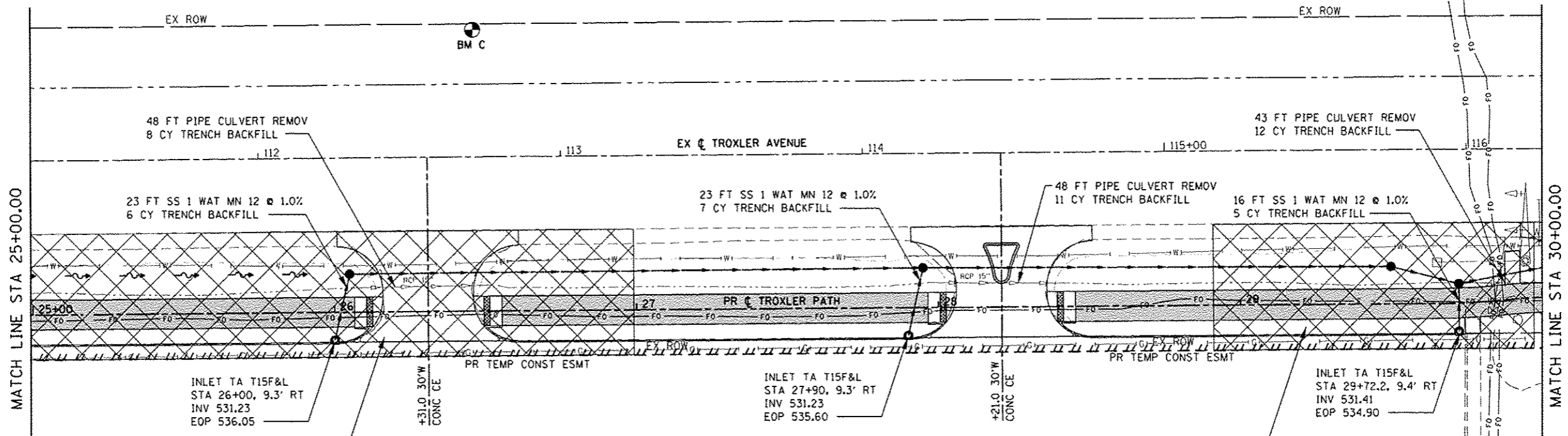
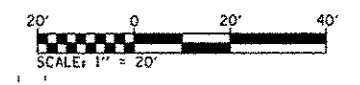
USER NAME : andymueller	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLT SCALE = 40.0000' / 1\"/>		

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE SHEETS**  
SCALE: 1"=20'  
SHEET 3 OF 6 SHEETS STA. 20+00.00 TO STA. 25+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	21
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				

FILE NAME : H:\P\1581\1581\Microstation\Sheets\0218015.dwg



POTENTIALLY CONTAMINATED SOIL REQUIRING SPECIAL ATTENTION DURING EXCAVATION, SEE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES SPECIAL PROVISION. PAY ITEMS INCLUDE: NON SPL WASTE DISPOSAL, SPL WASTE PLANS/REPORT, & SOIL DISPOSAL ANALY.

POTENTIALLY CONTAMINATED SOIL REQUIRING SPECIAL ATTENTION DURING EXCAVATION, SEE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES SPECIAL PROVISION. PAY ITEMS INCLUDE: NON SPL WASTE DISPOSAL, SPL WASTE PLANS/REPORT, & SOIL DISPOSAL ANALY.

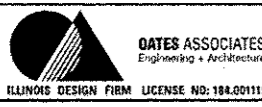
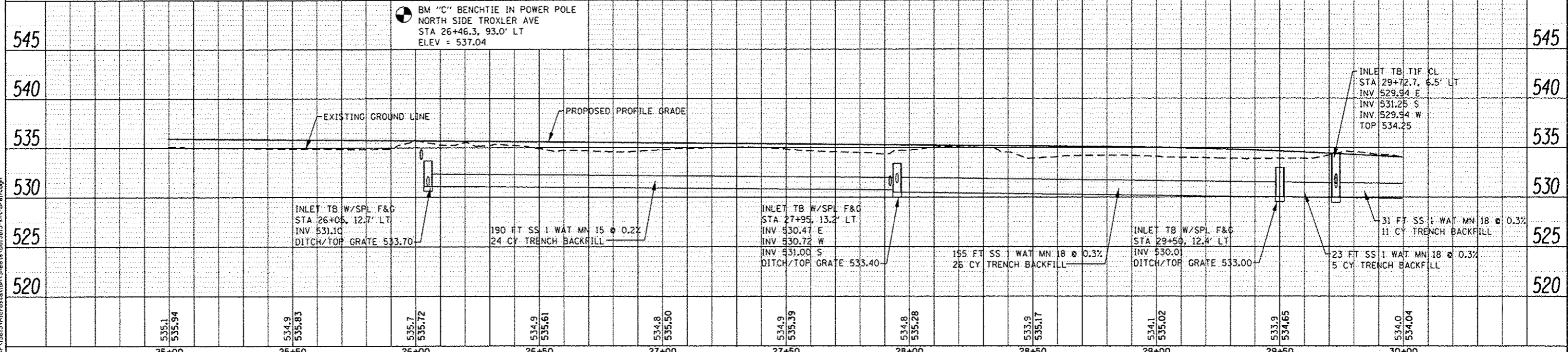
HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

**PLAN SHEET LEGEND**

PROPOSED SHARED-USE PATH

PLAN	DATE
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	

PROFILE	DATE
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	



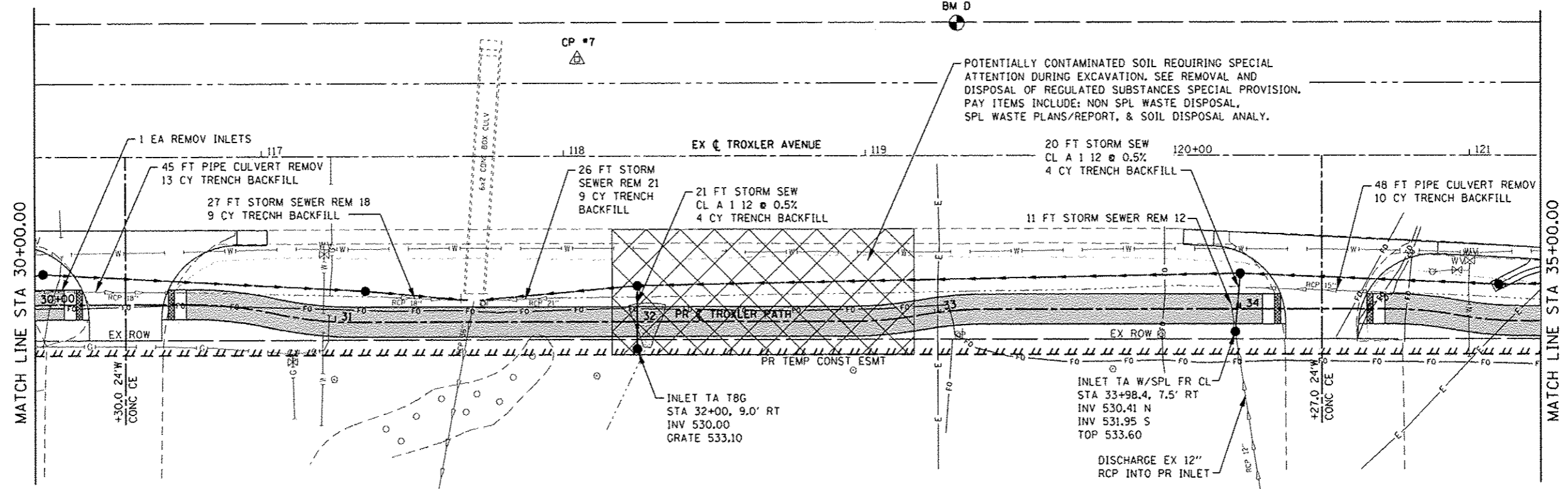
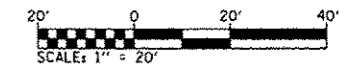
USER NAME = andy.mueller	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / 1\"/>		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE SHEETS**

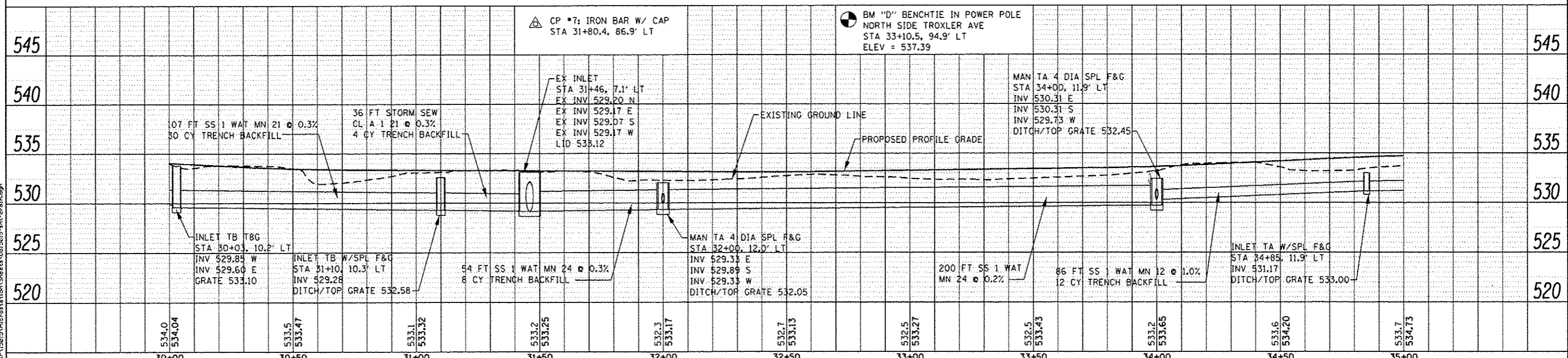
SCALE: 1"=20'    SHEET 4 OF 6 SHEETS    STA. 25+00.00 TO STA. 30+00.00

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	22
CONTRACT NO. 97618			ILLINOIS FED. AID PROJECT	



HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

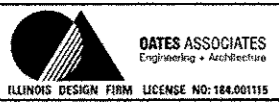
**PLAN SHEET LEGEND**



PLAN	DATE
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	

PROFILE	DATE
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	

FILE NAME: H:\P\1215\Microstation\Sheets\0215015-shr.dwg



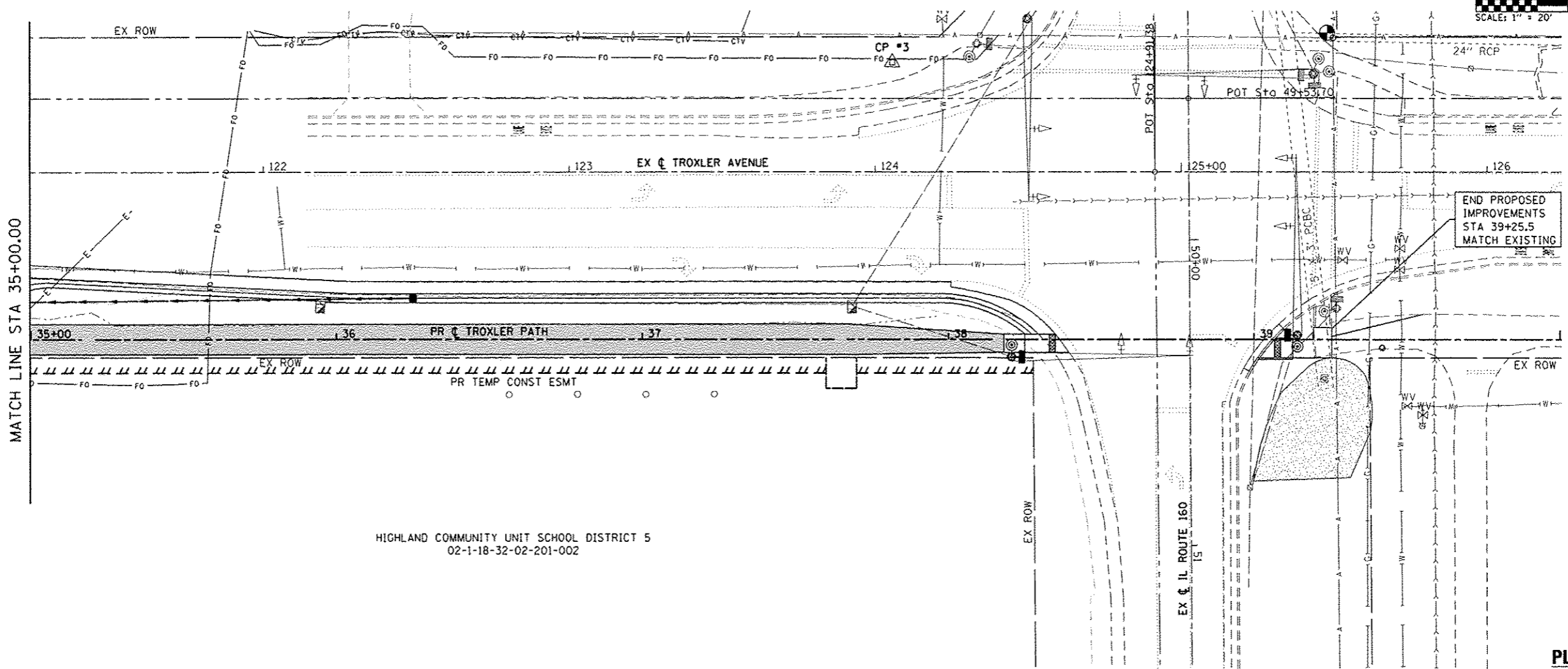
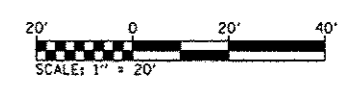
USER NAME: andy.mueller	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE SHEETS**

SCALE: 1"=20'    SHEET 5 OF 6 SHEETS    STA. 30+00.00 TO STA. 35+00.00

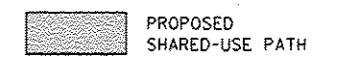
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	23
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				



HIGHLAND COMMUNITY UNIT SCHOOL DISTRICT 5  
02-1-18-32-02-201-002

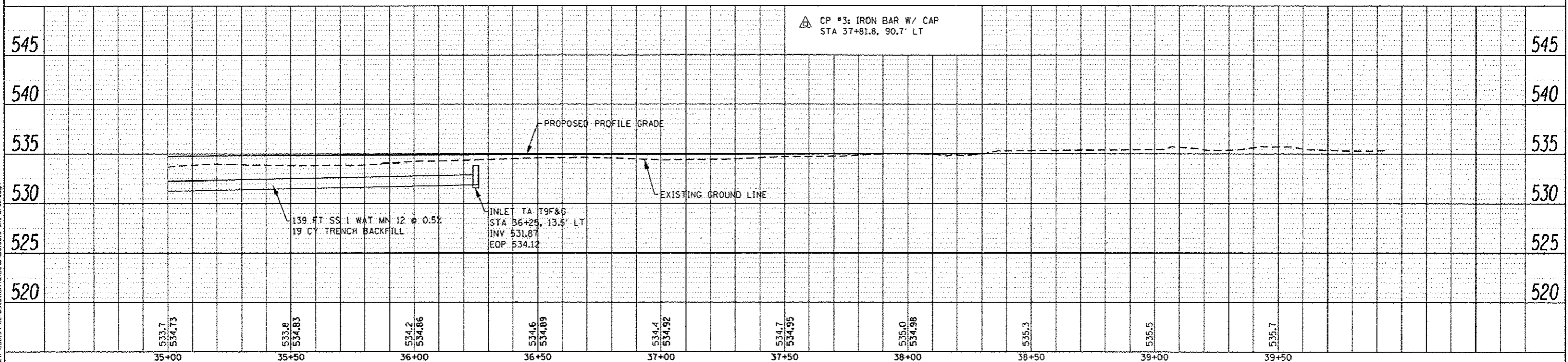
END PROPOSED IMPROVEMENTS STA 39+25.5 MATCH EXISTING

**PLAN SHEET LEGEND**



PLAN	DATE
BY	
CHECKED	
DESIGNED	
IN CHARGE	
APPROVED	
NO.	

PROFILE	DATE
BY	
CHECKED	
DESIGNED	
IN CHARGE	
APPROVED	
NO.	



FILE NAME = H:\P\15015\Microstation\Sheets\02-1-18-32-02-201-002.dgn

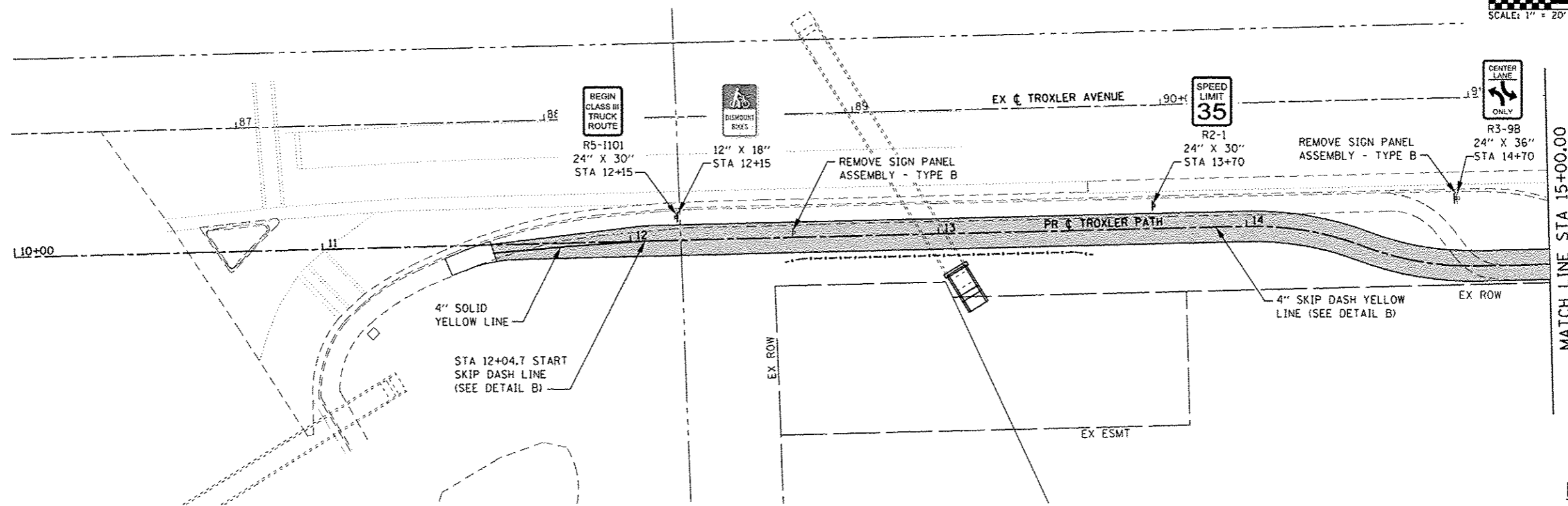
USER NAME = andymuller	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 2/3/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

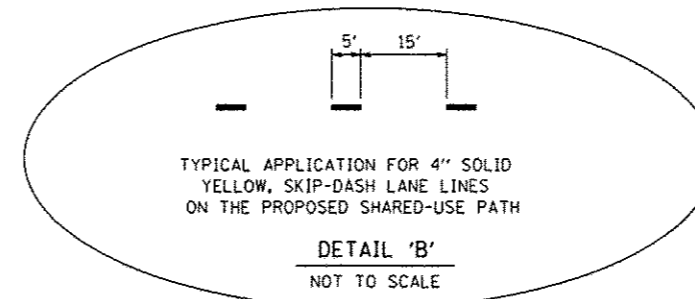
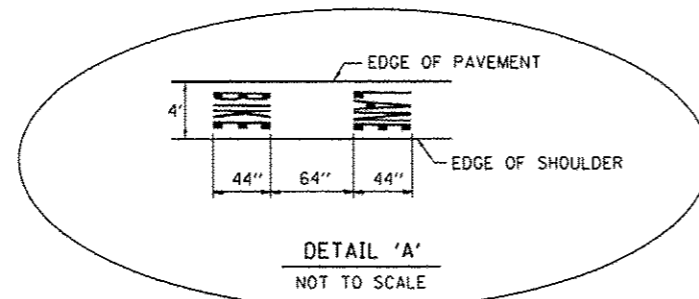
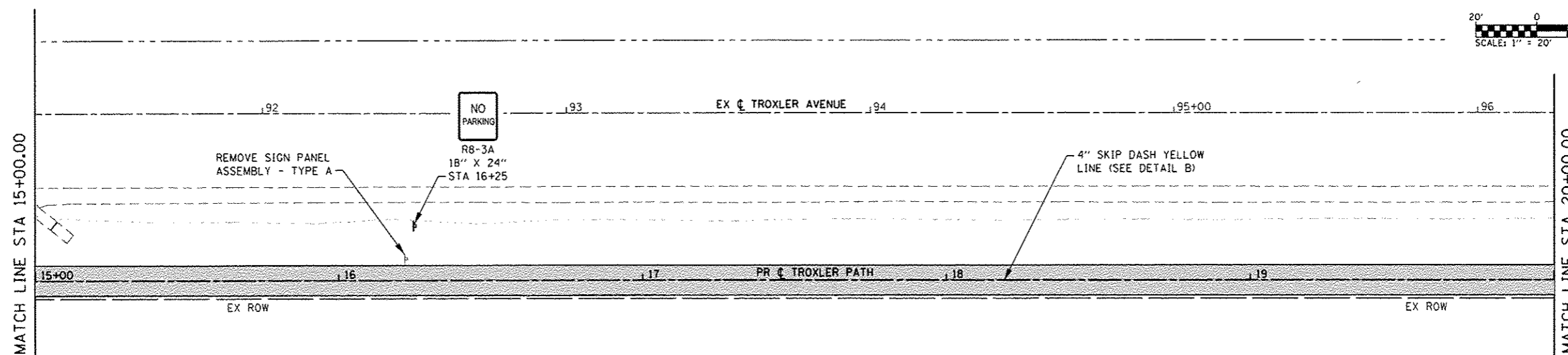
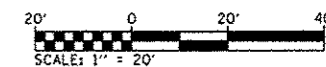
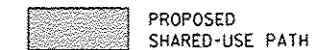
<b>DRAINAGE PLAN AND PROFILE SHEETS</b>		
SCALE: 1"=20'	SHEET 6 OF 6 SHEETS	STA. 35+00.00 TO STA. 40+00.00

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	24
				CONTRACT NO. 97618
ILLINOIS FED. AID PROJECT				

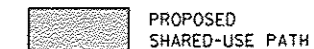




### PLAN SHEET LEGEND



### PLAN SHEET LEGEND



FILE NAME : P:\P\15015\Microstation\Sheets\0815015-5kr.pnk & sign.dgn

**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

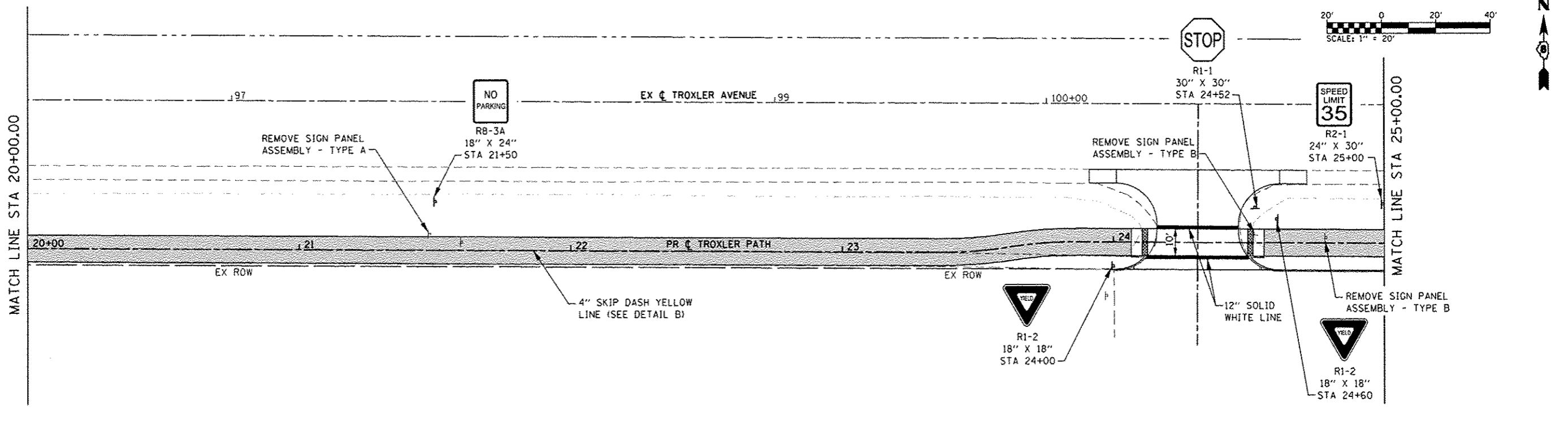
USER NAME = andy.mueller	DESIGNED -	REVISED -
PLLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLLOT DATE = 2/3/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING SHEETS**

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

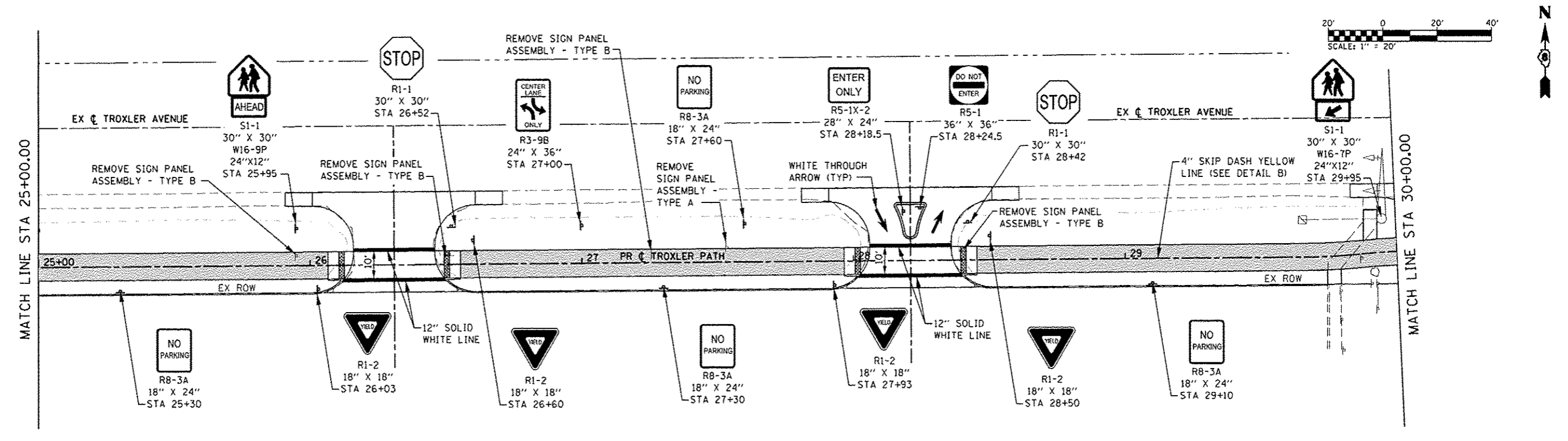
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	25
CONTRACT NO.				
[ILLINOIS] FED. AID PROJECT				



NOTE: DISTURBED PARKING LOT PAVEMENT MARKINGS SHALL BE REPLACED TO MACH EX LAYOUT

**PLAN SHEET LEGEND**

PROPOSED SHARED-USE PATH



NOTE: DISTURBED PARKING LOT PAVEMENT MARKINGS SHALL BE REPLACED TO MACH EX LAYOUT

**PLAN SHEET LEGEND**

PROPOSED SHARED-USE PATH

FILE NAME: H:\PA\15015\Microstation\Sheets\02\0666-02-BT-1.pnt & .pld

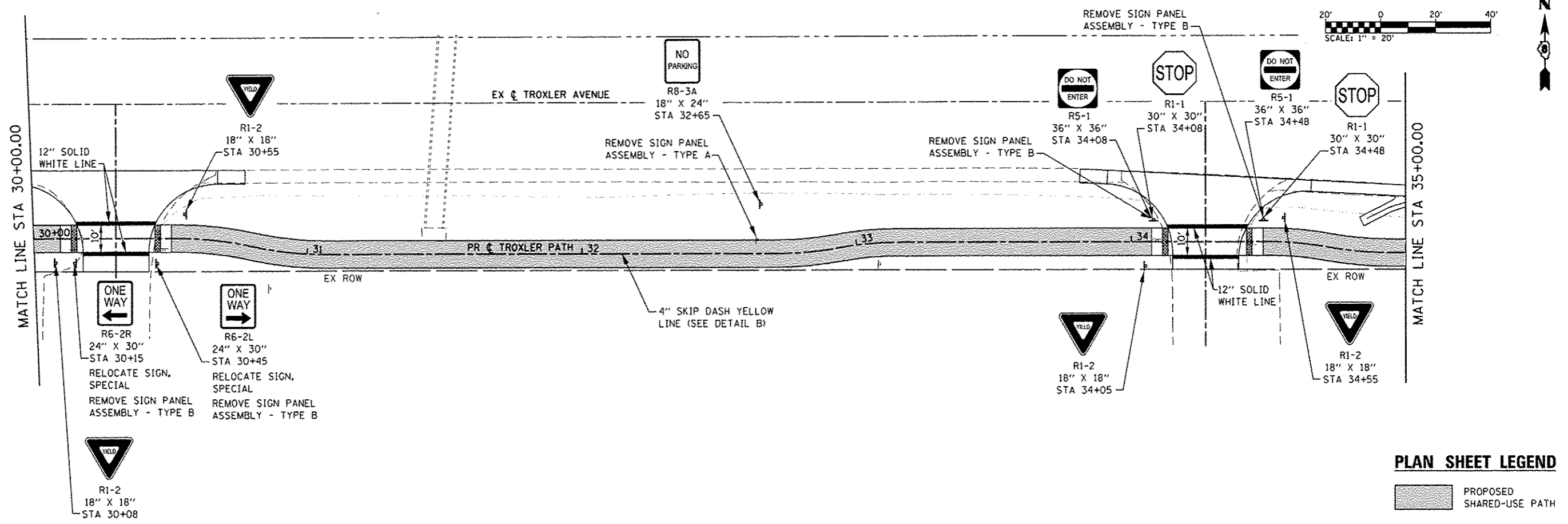


USER NAME = andy.mueller	DESIGNED -	REVISED -
PLOT SCALE = 48.0000 / 1" = 100'	DRAWN -	REVISED -
PLOT DATE = 2/3/2016	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

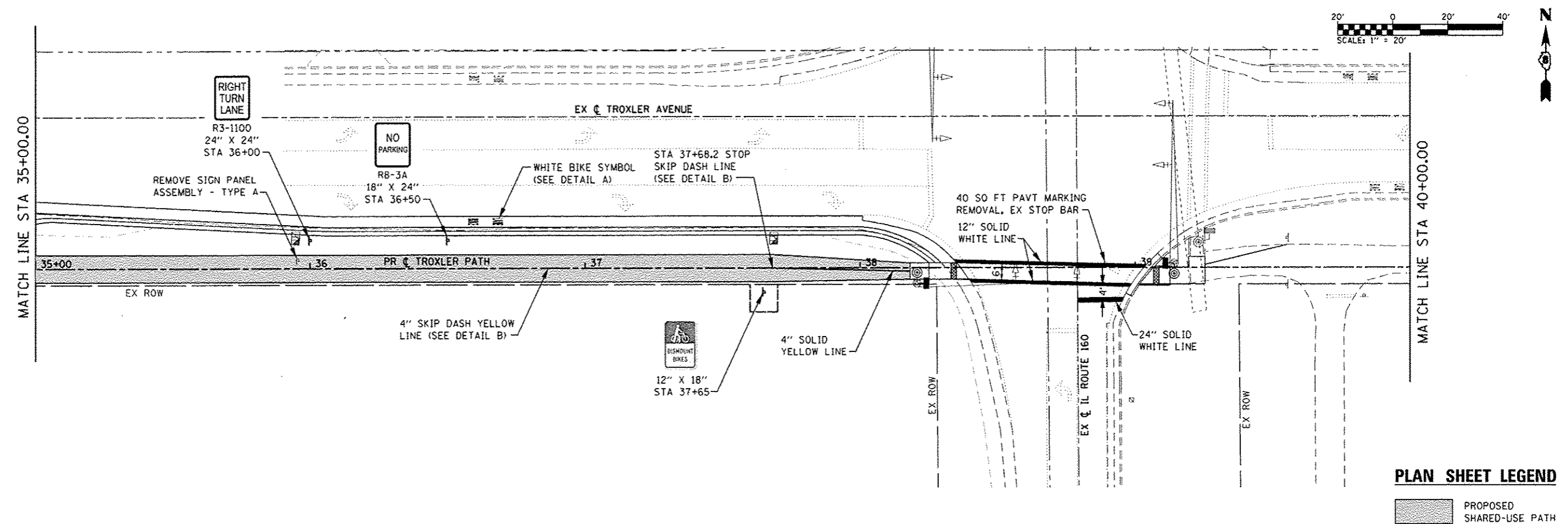
PAVEMENT MARKINGS & SIGNING SHEETS  
SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 20+00.00 TO STA. 30+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	26
CONTRACT NO.				
[ILLINOIS] FED. AID PROJECT				



**PLAN SHEET LEGEND**

PROPOSED SHARED-USE PATH



**PLAN SHEET LEGEND**

PROPOSED SHARED-USE PATH

FILE NAME: H:\PA15815\Information\Sheets\0215015-1\trpt & sign.dgn

**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME = andy.mueller	DESIGNED -	REVISED -
PLOT SCALE = 40,0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 2/3/2016	CHECKED -	REVISED -
	DATE -	REVISED -

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVMENT MARKING & SIGNING SHEETS**

SCALE: 1"=20'    SHEET 3 OF 3 SHEETS    STA. 30+00.00 TO STA. 40+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	27
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				

**ELECTRICAL GENERAL NOTES**

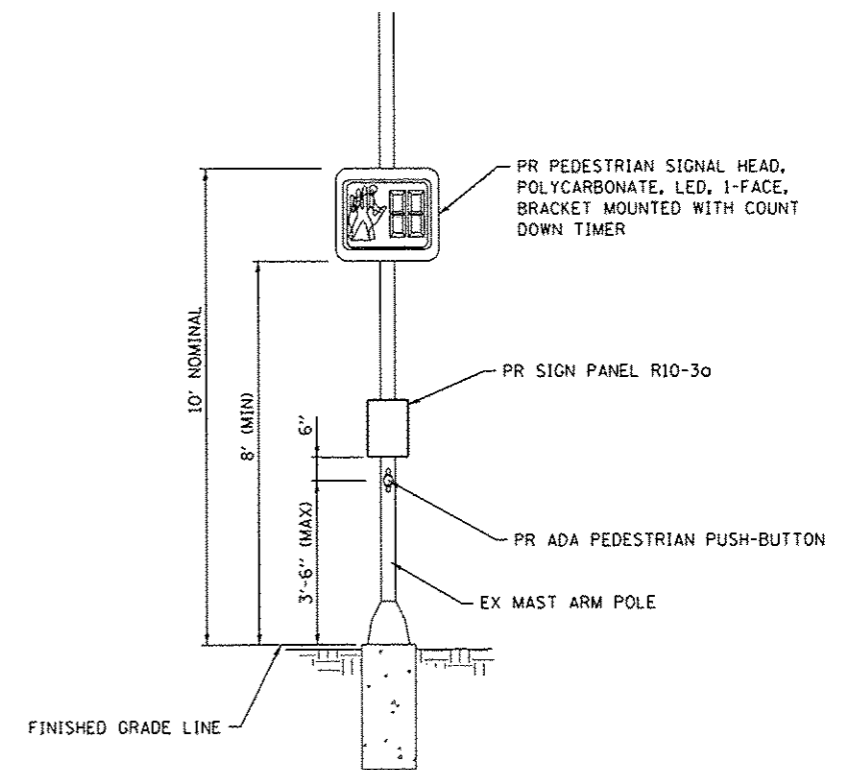
- PRIOR TO COMMENCING CONSTRUCTION OF ANY COMPONENT OF THE PROPOSED TRAFFIC SIGNAL SYSTEM, ALL UNDERGROUND UTILITIES SHALL BE FIELD LOCATED ACCORDING TO ARTICLE 107.39 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED IN THE GENERAL NOTES OF THE PLANS. CALL J.U.L.I.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.
- TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- 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.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 873 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD WITH NON-HARDENING EPOXY FILLER. RESIN CORE SOLDER SHALL BE USED.
- 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.
- A 1/4" DIAMETER NYLON PULL ROPE SHALL BE INSTALLED IN ALL CONDUITS.
- HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE ACCORDING TO ARTICLE 814.03(a) OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". HANDHOLE COVERS SHALL BE SLOPED TO MATCH PROPOSED CONTOURS.
- SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING REQUIREMENTS.

**STANDARDS FOR TRAFFIC SIGNAL SHEETS**

- 720001 SIGN PANEL MOUNTING DETAILS
- 814001 HANDHOLES
- 873001 TRAFFIC SIGNAL GROUNDING & BONDING
- 880006 TRAFFIC SIGNAL MOUNTING DETAILS

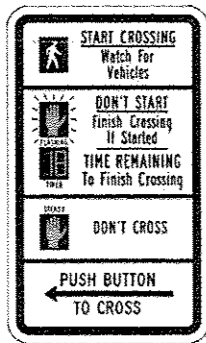
**TRAFFIC SIGNAL SCHEDULE**

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
80300100	LOCATING UNDERGROUND CABLE	FOOT	200
81400100	HANDHOLE	EACH	2
87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	556
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	570
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	800
89502380	REMOVE EXISTING HANDHOLE	EACH	2
X8880010	ADA PEDESTRIAN PUSH-BUTTON	EACH	2



**MAST ARM POLE DETAIL**  
(NOT TO SCALE)

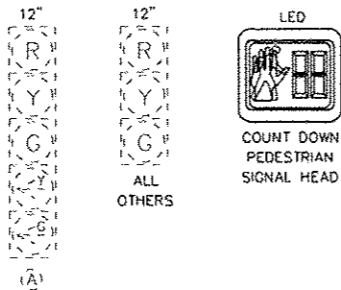
FILE NAME = H:\P\1815\Microstation\Sheets\8815B15.rvt - 1.dgn



R10-3e  
9" x 15"

DETAIL (B)

2 EACH REQUIRED (1 EA PER PUSH BUTTON)  
SIGN PANEL TYPE 1  
(NOT TO SCALE)

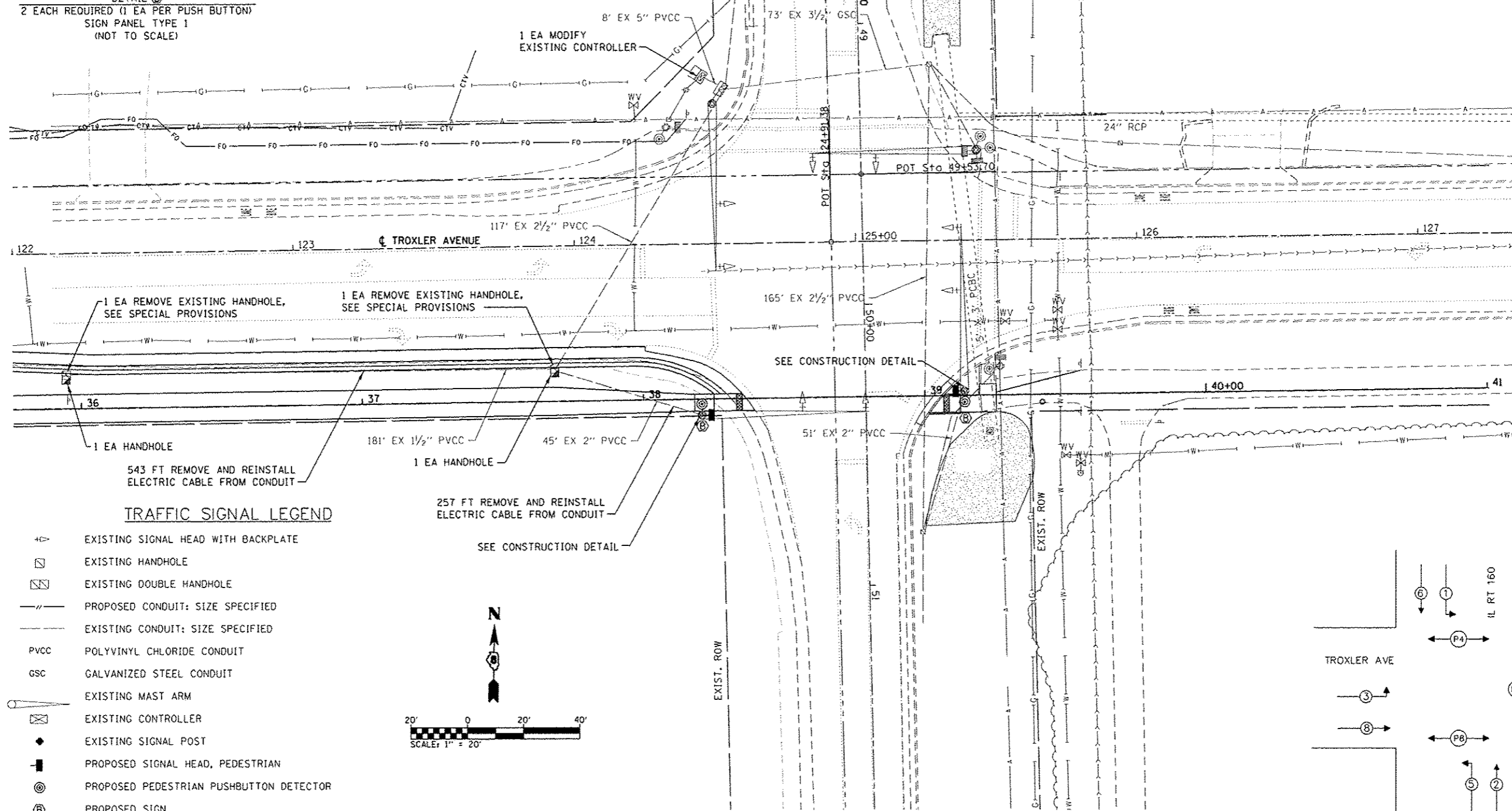


TRAFFIC SIGNAL FACES

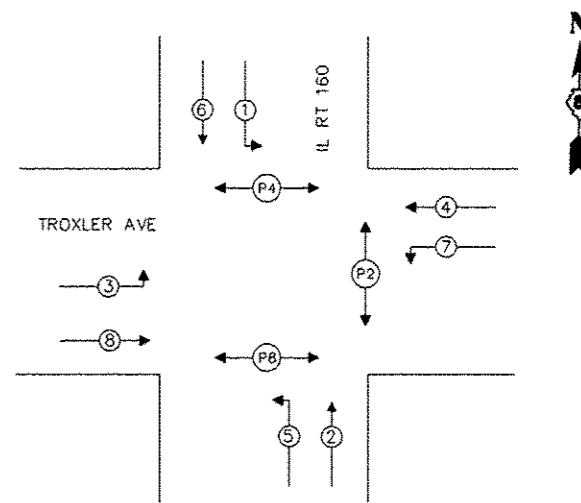
FULL-ACTUATED CONTROLLER, SPECIAL SEQUENCE, 8 PHASES, IN TYPE IV CABINET								
PHASE Ø	1	2	3	4	5	6	7	8
MOVEMENT	SB LT	NB	EB LT	WB	NB LT	SB	WB LT	EB
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4

\* PEDESTRIAN SIGNALS BY PUSHBUTTON ACTUATION ONLY

EXISTING & PROPOSED SEQUENCE OF OPERATIONS



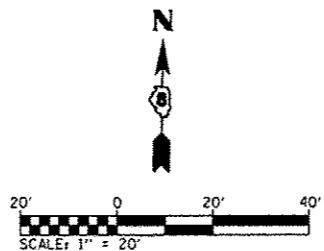
PROPOSED TRAFFIC SIGNAL PLAN



PHASE DESIGNATION DIAGRAM

TRAFFIC SIGNAL LEGEND

- ▲ EXISTING SIGNAL HEAD WITH BACKPLATE
- ◻ EXISTING HANDHOLE
- ◻ EXISTING DOUBLE HANDHOLE
- PROPOSED CONDUIT: SIZE SPECIFIED
- - - EXISTING CONDUIT: SIZE SPECIFIED
- PVCC POLYVINYL CHLORIDE CONDUIT
- GSC GALVANIZED STEEL CONDUIT
- EXISTING MAST ARM
- ◻ EXISTING CONTROLLER
- ◆ EXISTING SIGNAL POST
- PROPOSED SIGNAL HEAD, PEDESTRIAN
- ⊙ PROPOSED PEDESTRIAN PUSHBUTTON DETECTOR
- ⊕ PROPOSED SIGN
- ◻ PROPOSED HANDHOLE



NOTE: EXISTING DETECTOR LOOPS AND CALL DELAYS NOT SHOWN FOR CLARITY

FILE NAME: H:\P1\15015\Information\Sheets\0515015-111-1.dgn



USER NAME: andymuller  
DESIGNED: -  
DRAWN: -  
CHECKED: -  
DATE: -  
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PLOT DATE: 2/3/2016

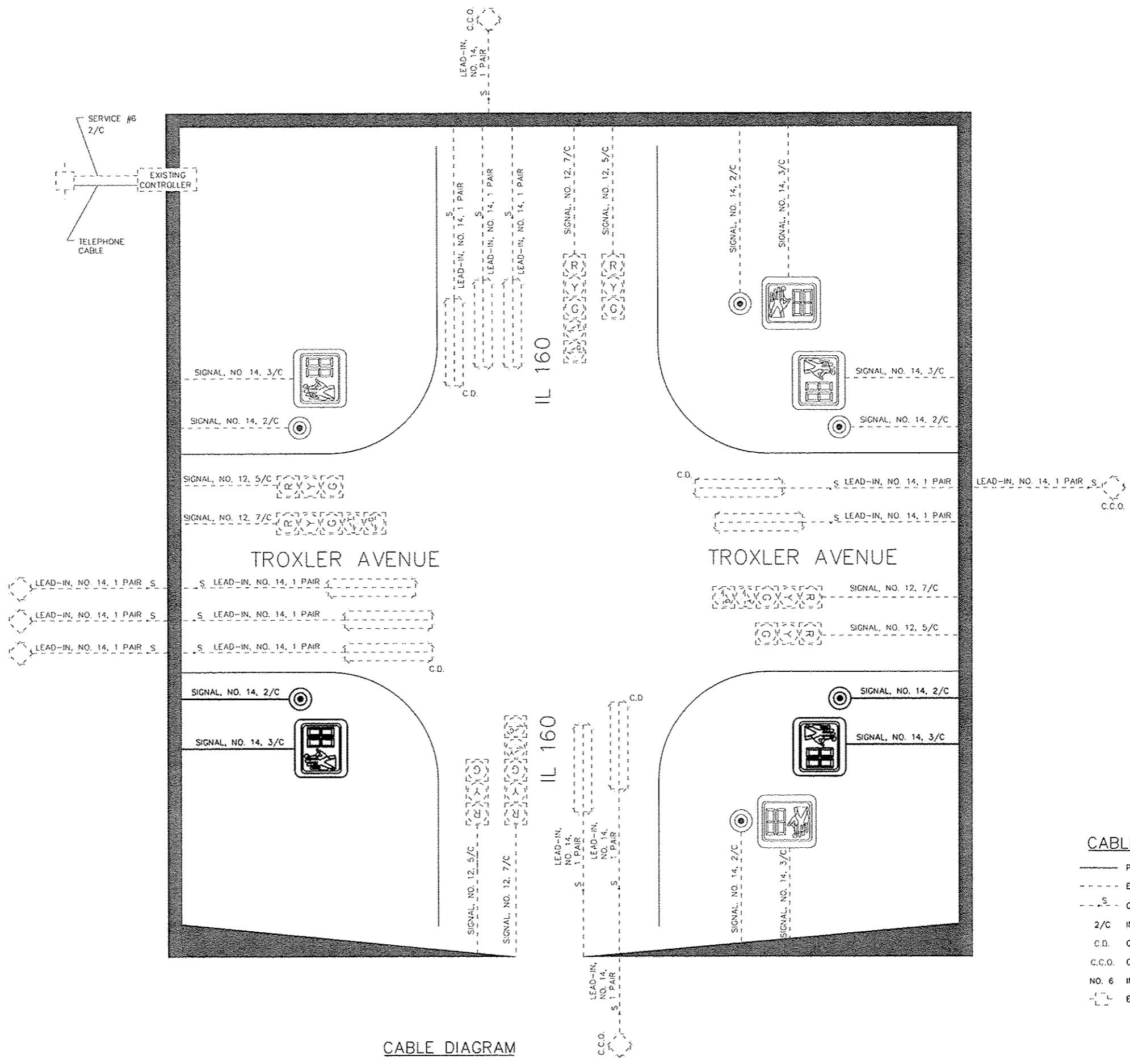
REVISED: -  
REVISED: -  
REVISED: -  
REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	29
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				

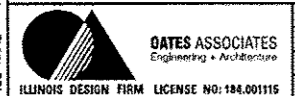


CABLE DIAGRAM

**CABLE DIAGRAM LEGEND**

- PROPOSED ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S - CABLE SPLICE
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- C.D. CALL DELAY
- C.C.O. CALL CARRY OVER
- NO. 6 INDICATES AMERICAN WIRE (AWG) SIZE 6
- L - EXISTING SERVICE INSTALLATION

FILE NAME = H:\P1\2015\Microstation\Sheets\DRS15-INT-12.dgn



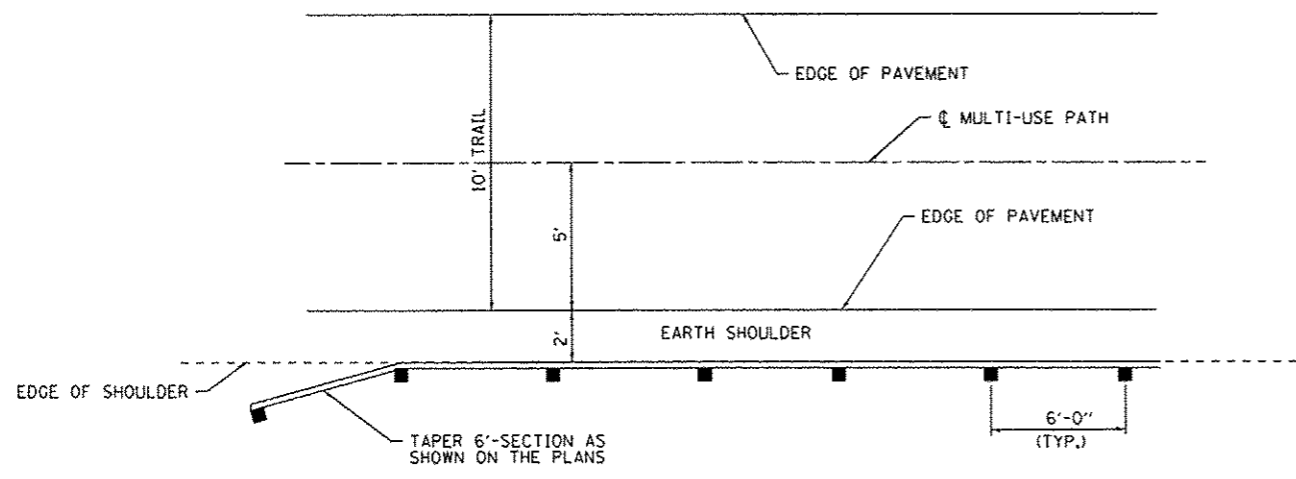
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/3/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

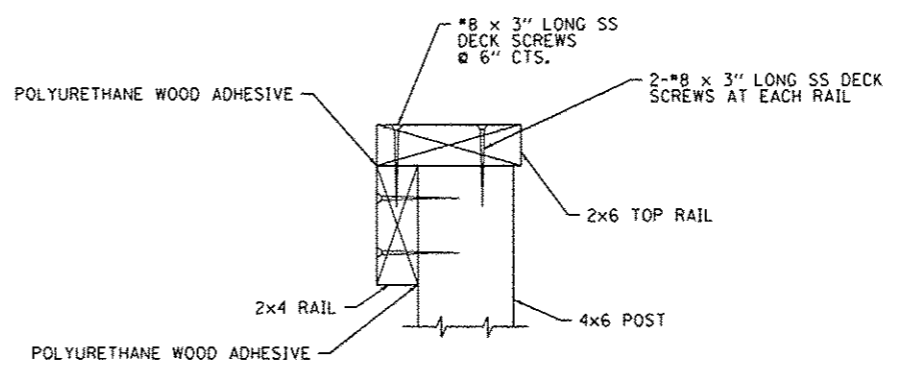
**TRAFFIC SIGNAL PLANS**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

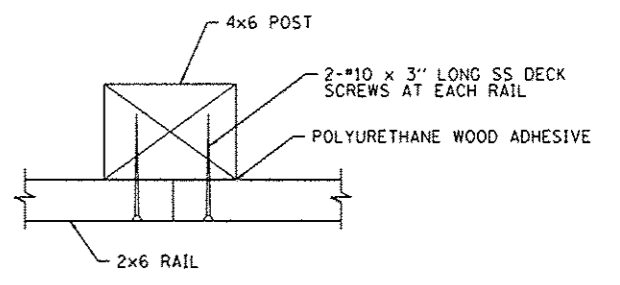
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	15-00066-02-BT	MADISON	45	30
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				



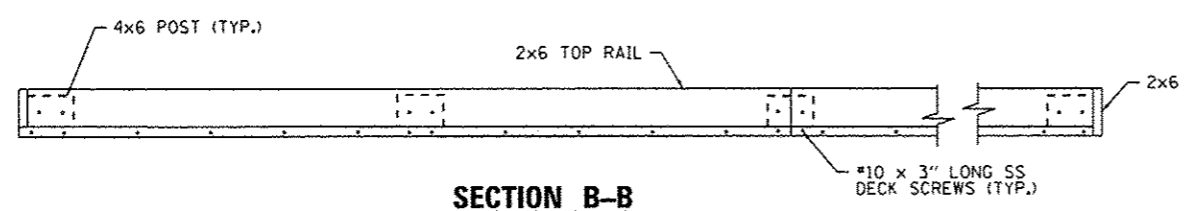
**PLAN**



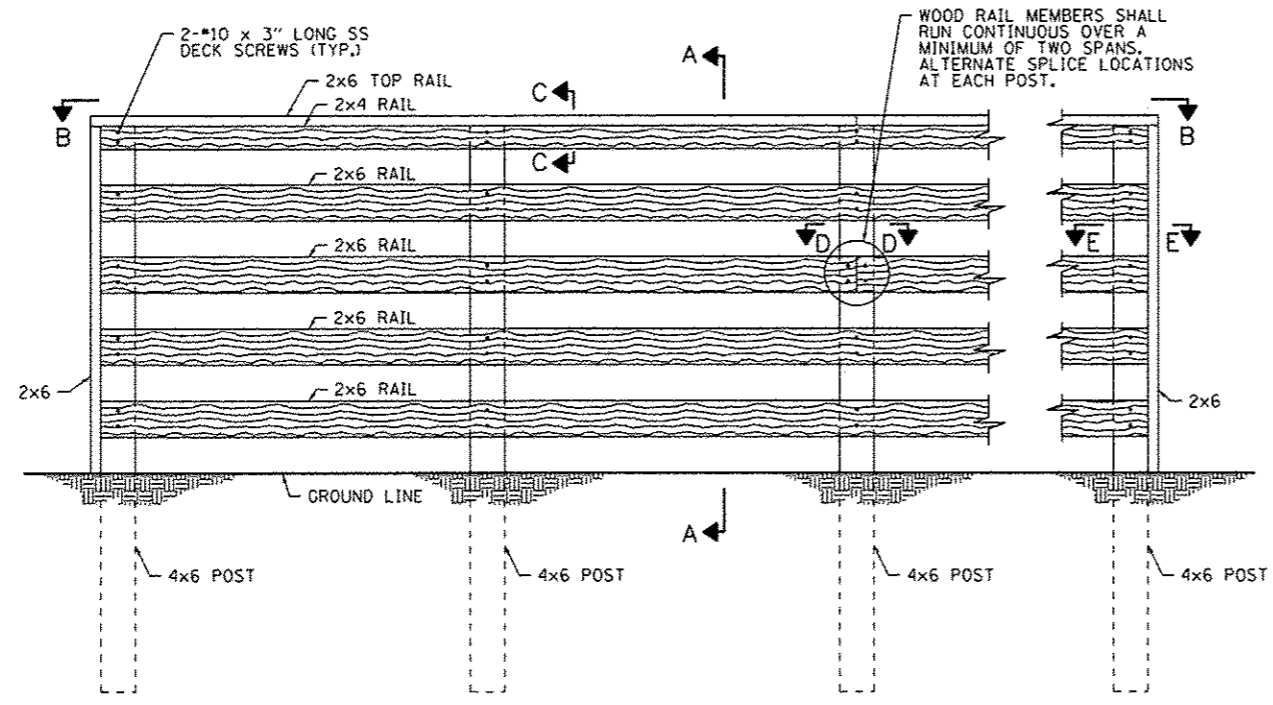
**SECTION C-C**  
(NOT TO SCALE)



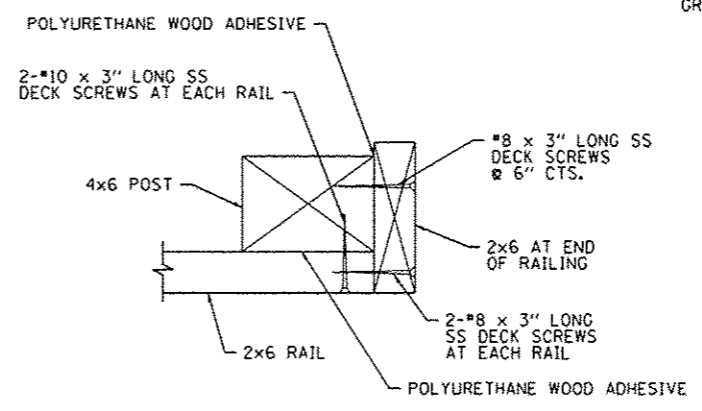
**SECTION D-D**  
(NOT TO SCALE)



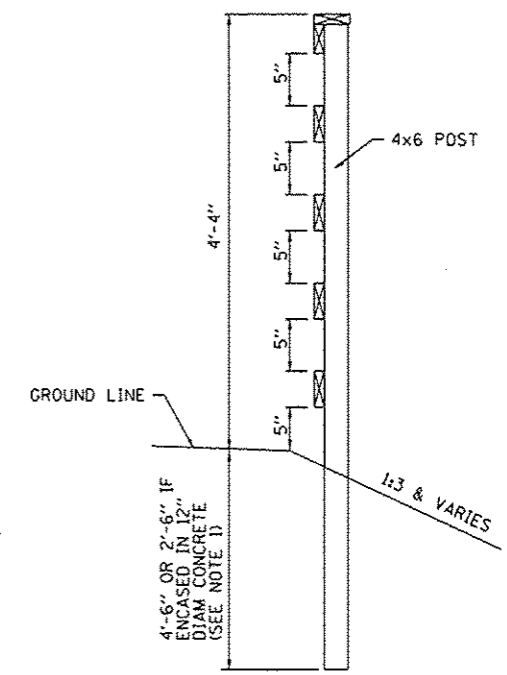
**SECTION B-B**  
(NOT TO SCALE)



**INSIDE RAIL ELEVATION**



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



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

NOTE 1: PROPOSED FENCE POSTS MUST BE ENCASED IN CONCRETE IF PLACED ABOVE EXISTING BOX CULVERT

FILE NAME: H:\P\15015\Microstation\Sheets\0215-int-details.dgn

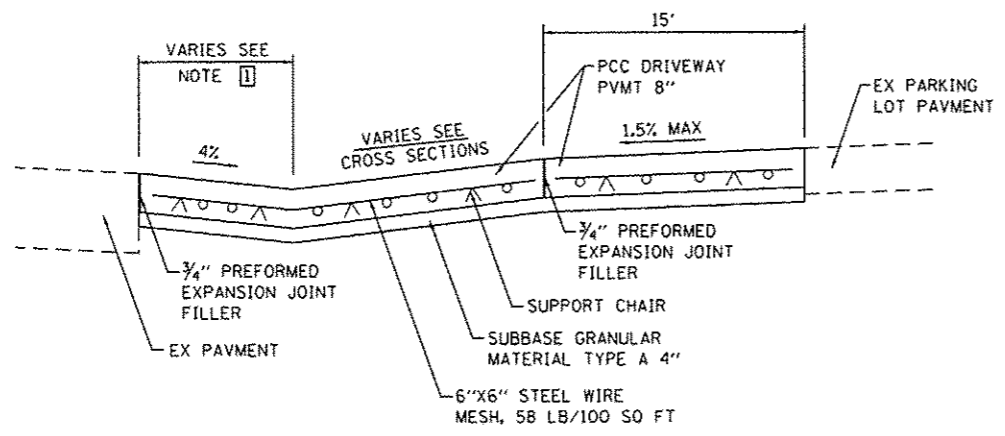


USER NAME = andy.muller	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 1/1 in.	DRAWN -	REVISED -
PLOT DATE = 2/3/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>WOOD FENCE DETAILS</b>			
SCALE: NTS	SHEET 1	OF 1 SHEETS	STA. TO STA.

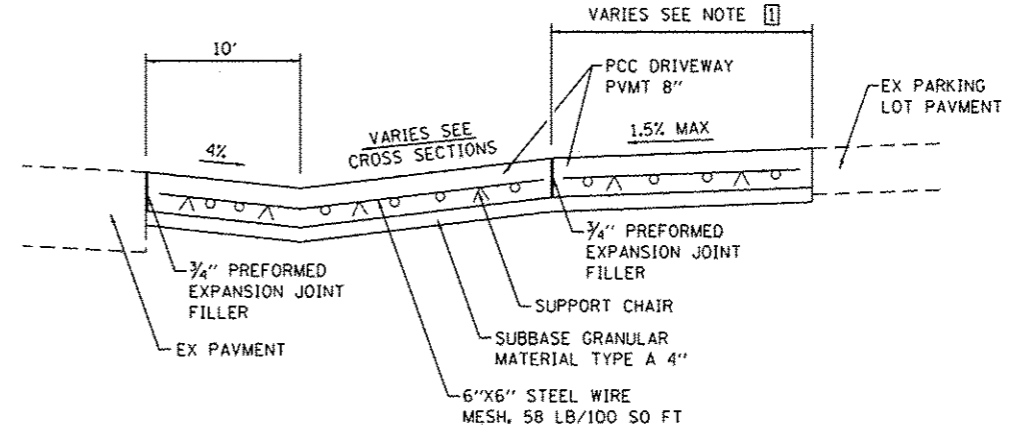
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	31
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				



**NOTES:**

- ☐ STA 24+31.00 5' WIDE
- ☐ STA 26+31.00 & 28+21.0 10' WIDE

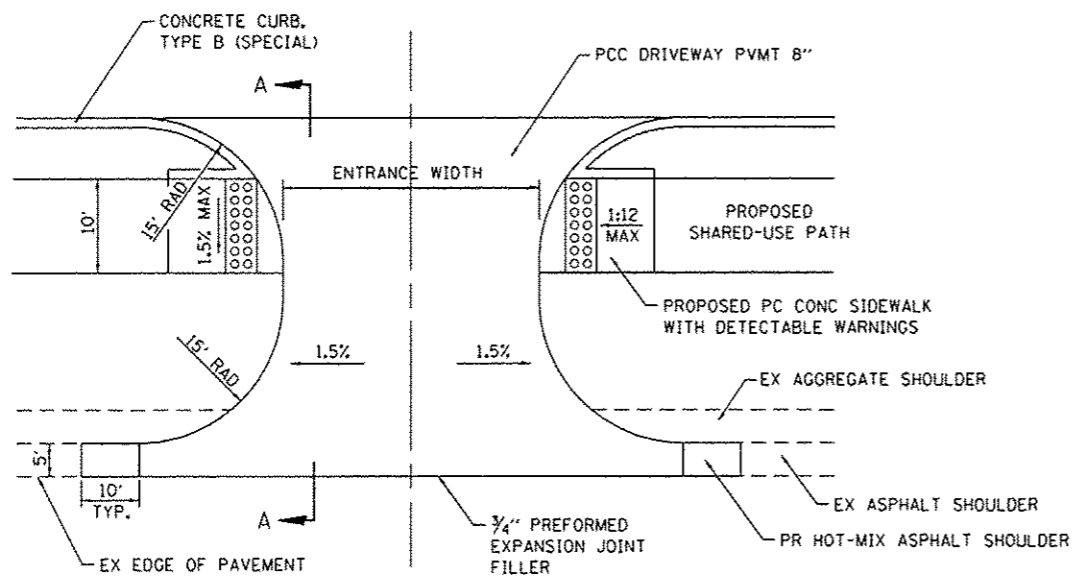
**SECTION A-A**  
(NOT TO SCALE)



**NOTES:**

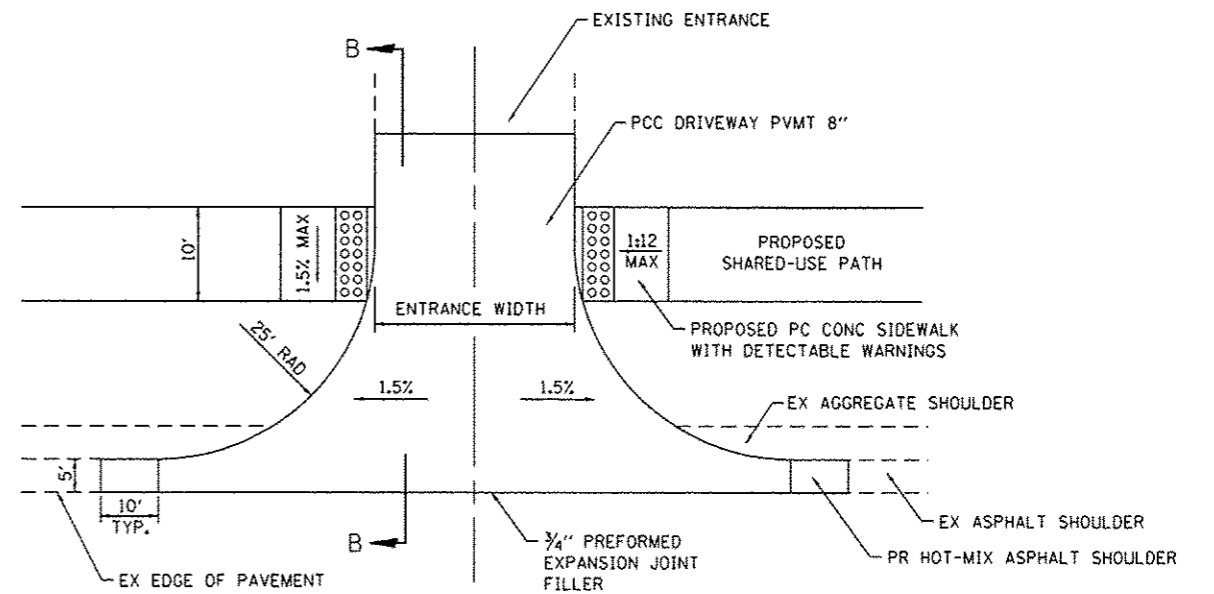
- ☐ STA 30+30.00 17' WIDE
- ☐ STA 34+27.00 15' WIDE

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



**COMMERCIAL ENTRANCE (C.E.)**

STA 24+31.00  
STA 26+31.00  
STA 28+21.00  
(NOT TO SCALE)



**COMMERCIAL ENTRANCE (C.E.)**

STA 30+30.00  
STA 34+27.00  
(NOT TO SCALE)

FILE NAME: H:\P\15015\Microstation\Sheets\02\02-BT-15-ent.dgn



USER NAME	= andy.muller
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLLOT SCALE	= 40.0000' / in.
PLLOT DATE	= 2/3/2016

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

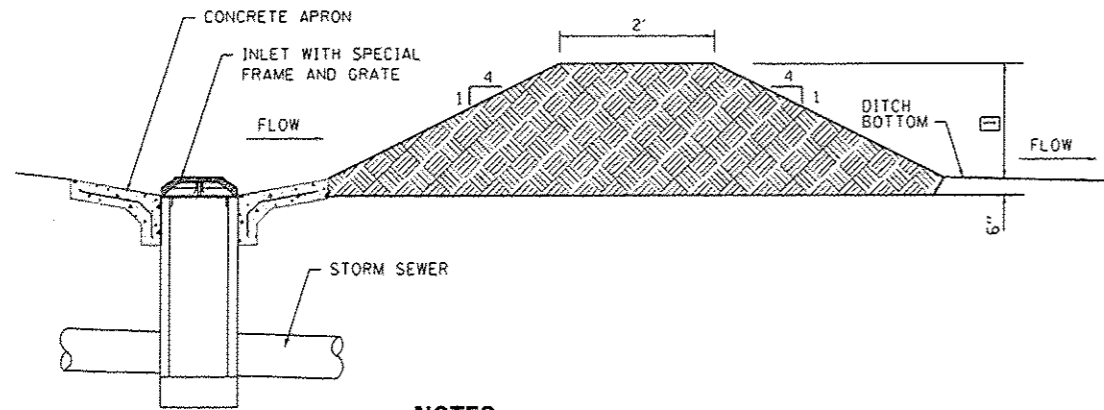
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: NTS SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	32
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				



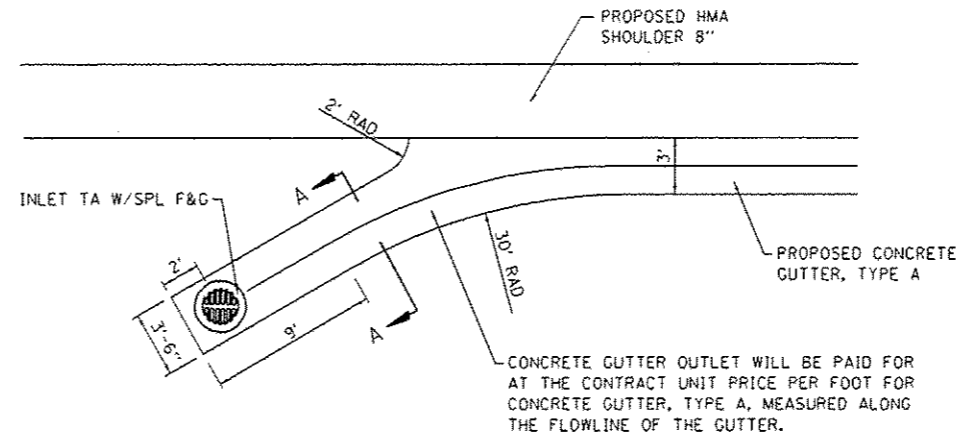


**NOTES:**

- 1. HEIGHT OF EARTH DITCH CHECK SHALL BE 6" BELOW SHOULDER ELEVATION AS APPROVED BY THE ENGINEER.

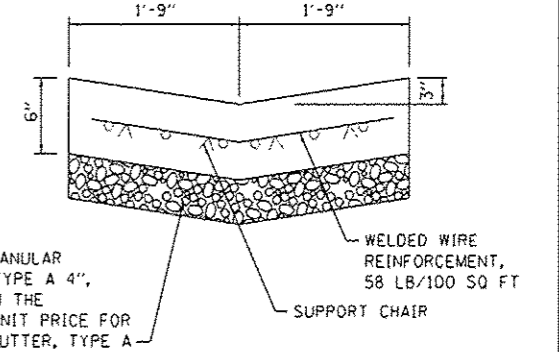
**EARTH DITCH CHECK**

(NOT TO SCALE)

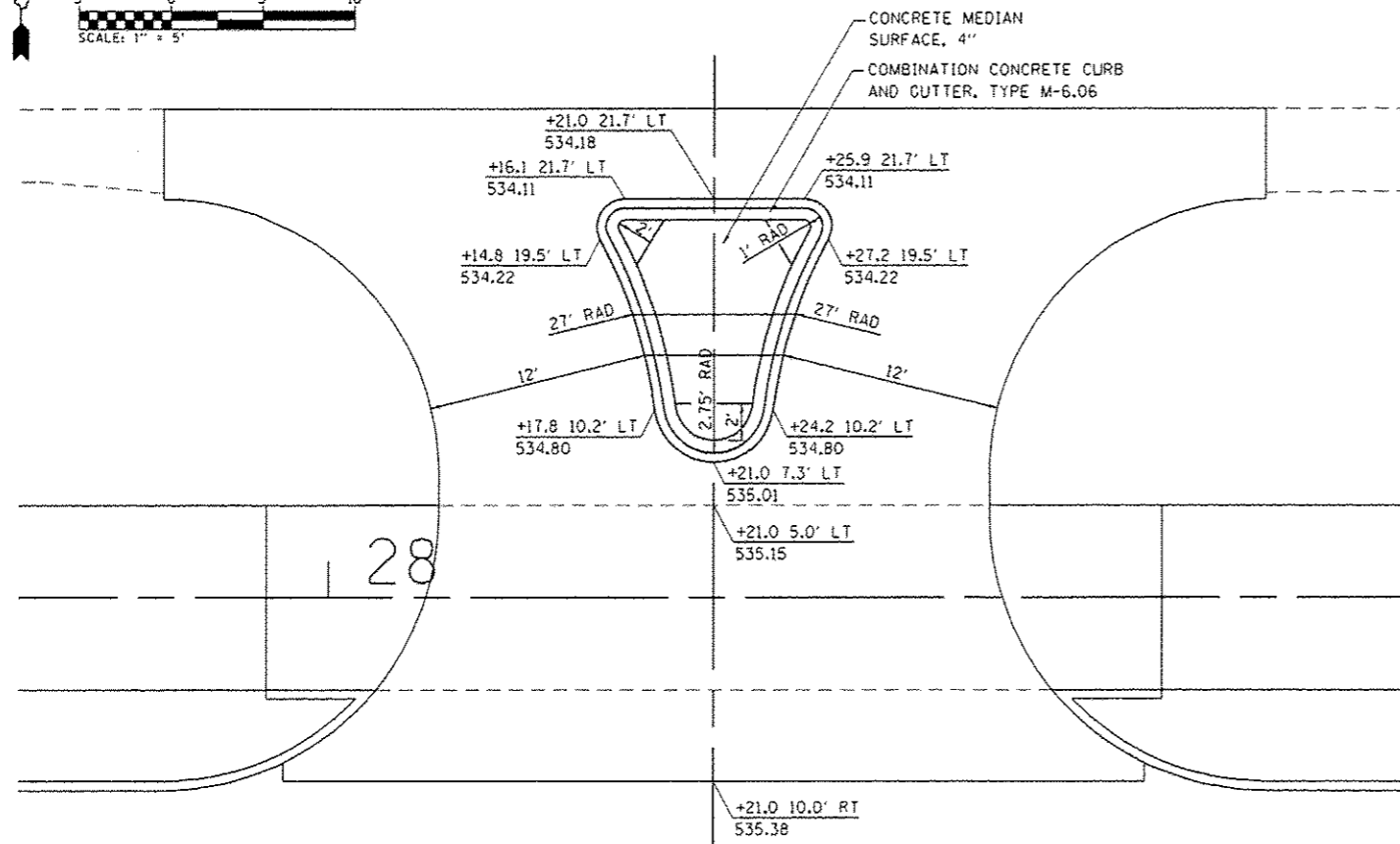


**CONCRETE GUTTER OUTLET**

STA 34+85.0  
(NOT TO SCALE)

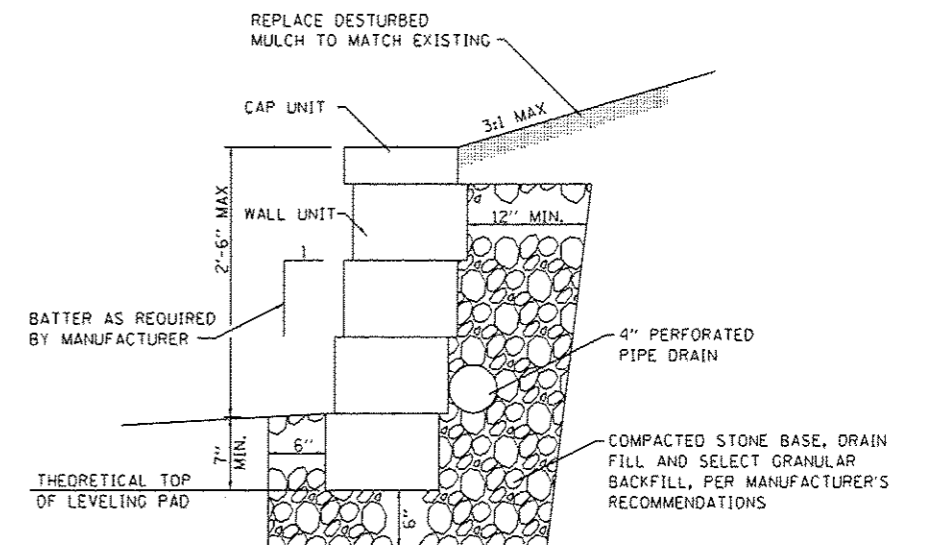


**SECTION A-A**



**MEDIAN DETAIL**

STA. 28+21.00



**NOTES:**

- 1. THE COST INCURRED TO COMPLY WITH REQUIREMENTS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR SEGMENTAL CONCRETE BLOCK WALL, SPECIAL.
- 2. USE GEOGRID AS REQUIRED BY THE MANUFACTURER'S RECOMMENDATIONS.
- 3. COLOR OF CONCRETE BLOCK SHALL BE APPROVED BY THE ENGINEER.
- 4. PROPOSED WALL NOT TO EXCEED 2'-6" FEET IN HEIGHT MEASURED FROM THE FINISHED GRADE TO THE TOP OF THE WALL.

**SEGMENTAL CONCRETE BLOCK WALL, SPECIAL**

(NOT TO SCALE)

FILE NAME = H:\P\1505\Interstation\Sheets\DR15815-141-detailed.dgn

**DATES ASSOCIATES**  
Civil, Survey, & Architectural  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

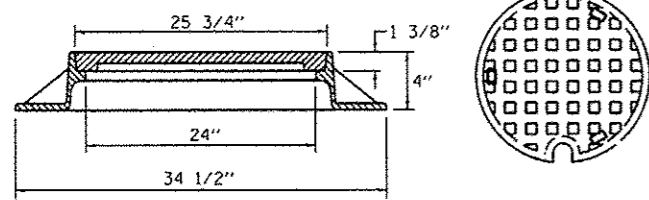
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PLOT SCALE = 40.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 2/19/2016	CHECKED -	REVISED -
DATE -	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

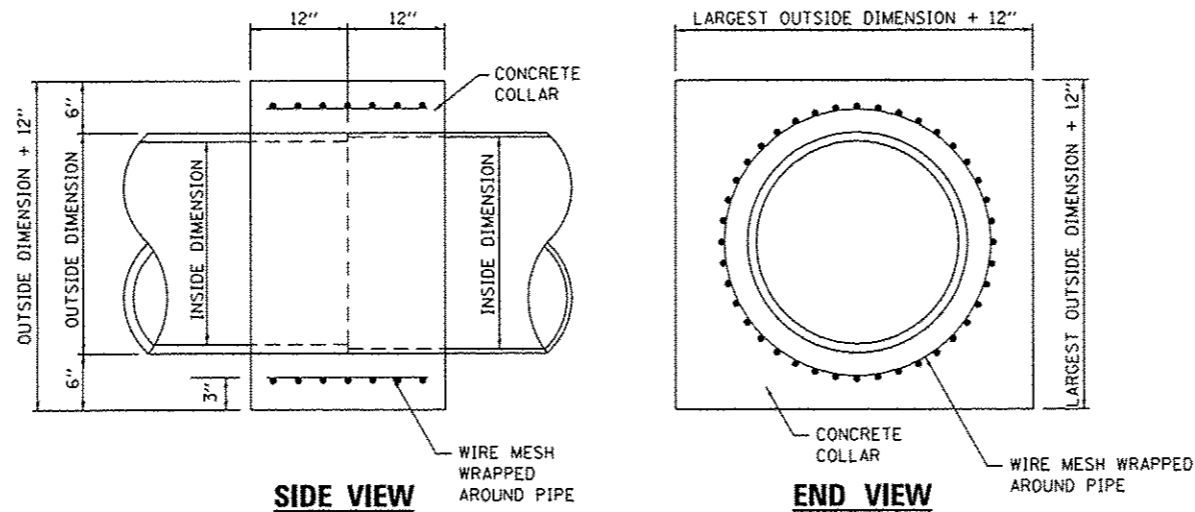
CONSTRUCTION DETAILS

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	33
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				



**SPECIAL FRAME, CLOSED LID**  
(NOT TO SCALE)



**SIDE VIEW**

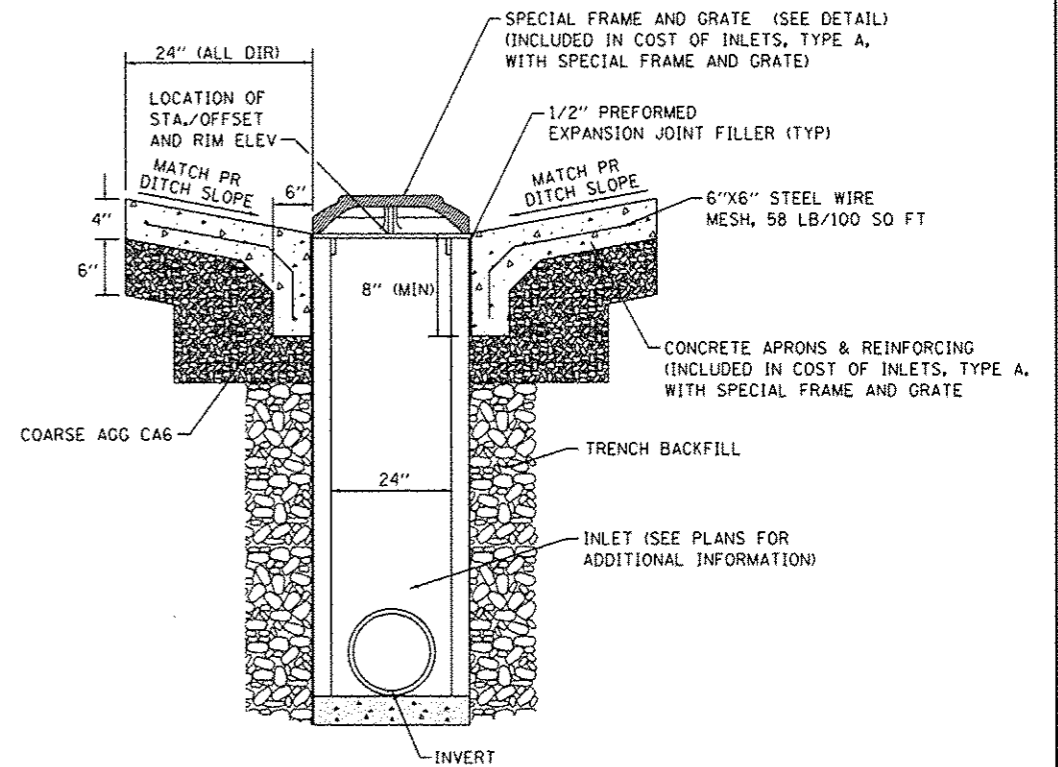
**END VIEW**

**NOTES:**

1. CLASS SI 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. WIRE MESH SHALL WEIGHT NOT LESS THAN 58 POUNDS PER 100 SQ. FT.

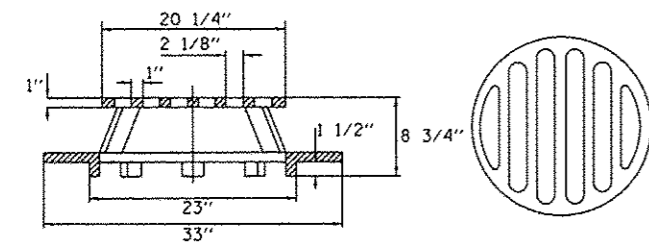
**CONCRETE COLLAR DETAIL**

STA. 14+15  
(NOT TO SCALE)



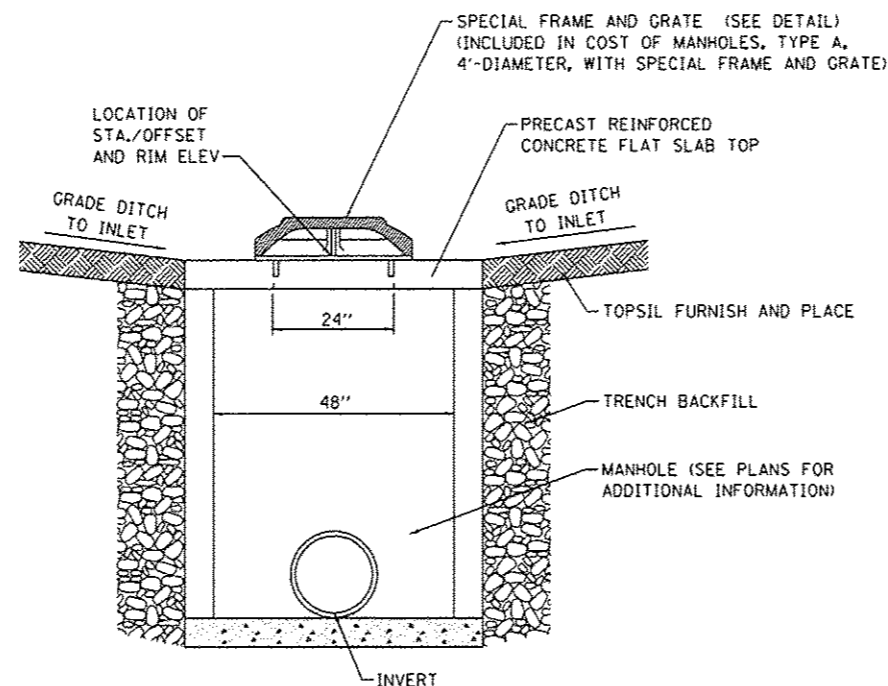
**INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE**

(NOT TO SCALE)



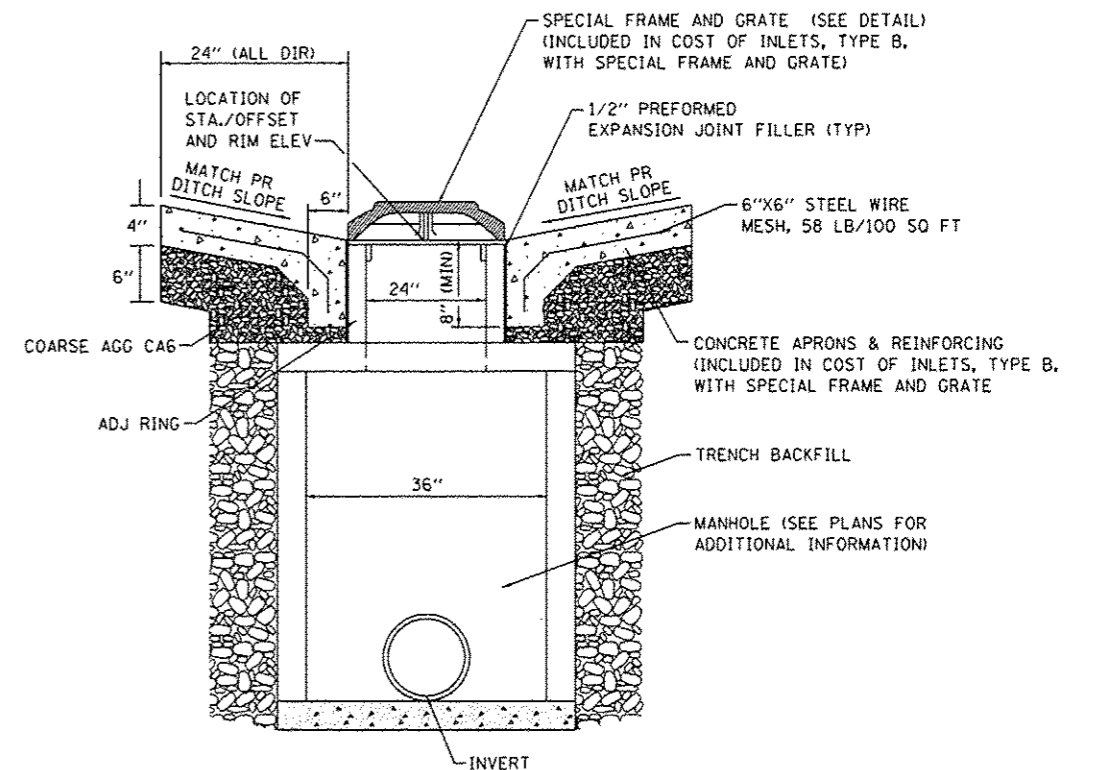
**SPECIAL FRAME AND GRATE**

(NOT TO SCALE)



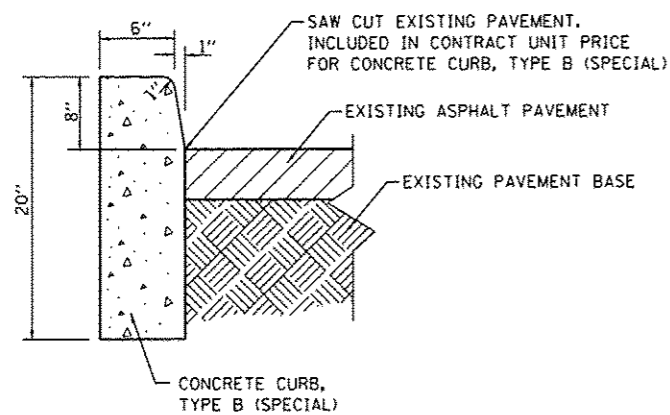
**MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE**

(NOT TO SCALE)



**INLETS, TYPE B WITH SPECIAL FRAME AND GRATE**

(NOT TO SCALE)



**CONCRETE CURB, TYPE B (SPECIAL)**

(NOT TO SCALE)

FILE NAME: H:\P\15025\Microstation\Sheets\15025-ent-detail.dgn



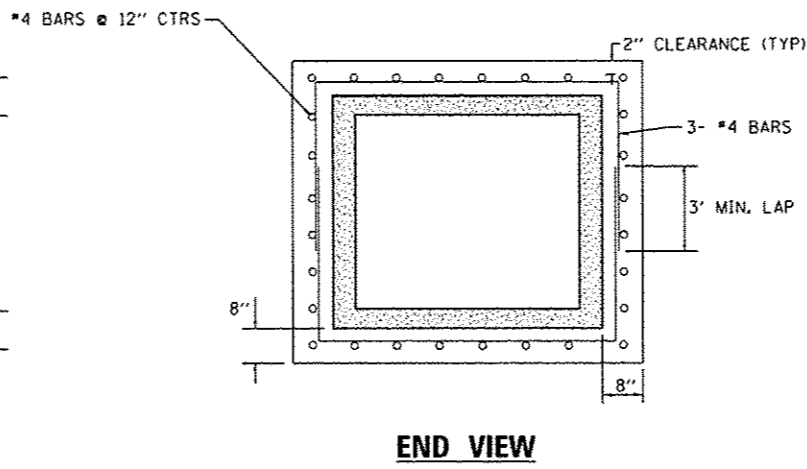
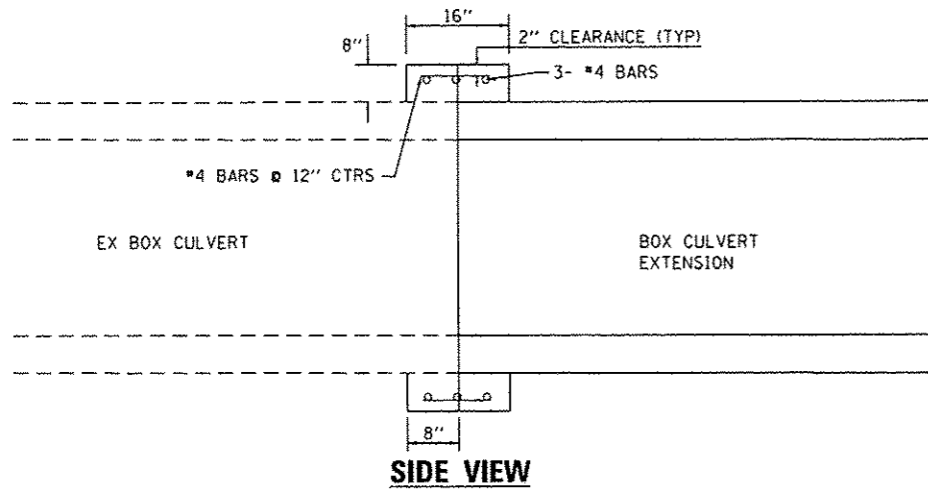
USER NAME = andy.mueller	DESIGNED -	REVISD -
PLOT SCALE = 40.0000' / 1"	DRAWN -	REVISD -
PLOT DATE = 2/3/2016	CHECKED -	REVISD -
	DATE -	REVISD -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	34
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				

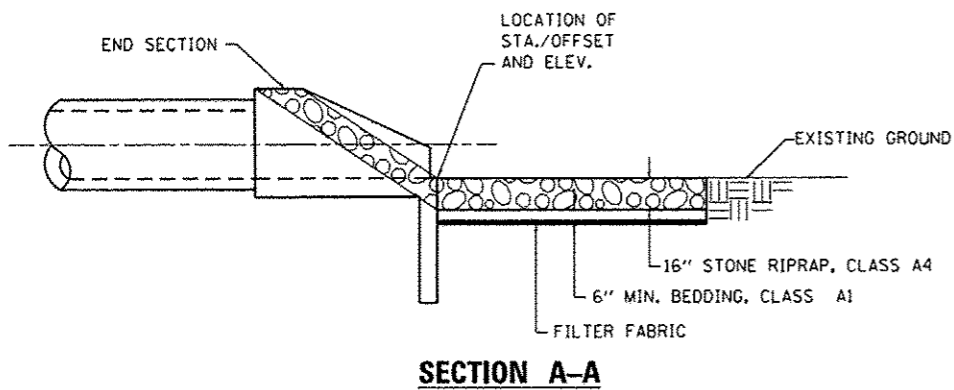


**NOTES:**

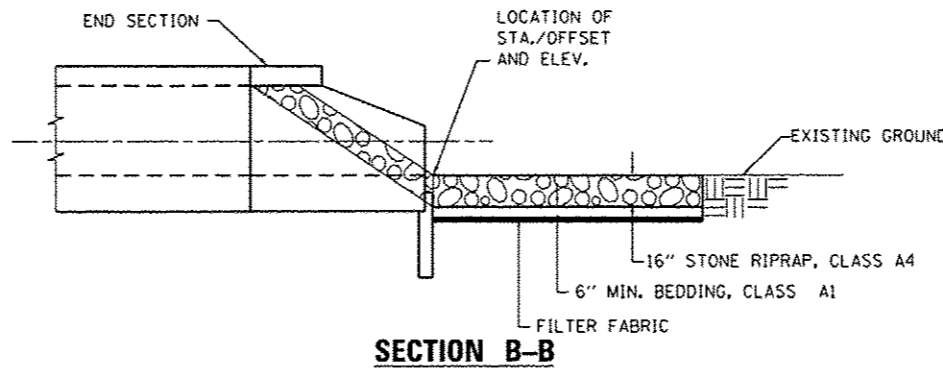
1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIMENSIONS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIMENSION. (SEE END VIEW)
3. REINFORCEMENT BARS SHALL BE EPOXY COATED AND IN ACCORDANCE WITH SECTION 508 OF THE IDOT STANDARD SPECIFICATIONS.
4. REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF CONCRETE COLLAR. 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.

**CONCRETE COLLAR DETAIL**

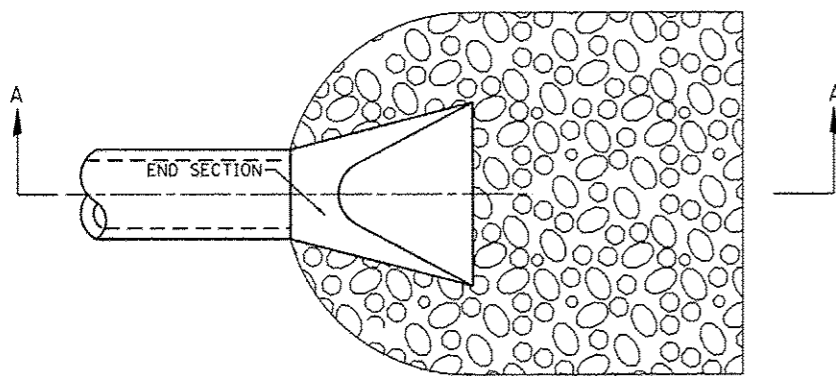
STA. 13+05  
(NOT TO SCALE)



**SECTION A-A**



**SECTION B-B**

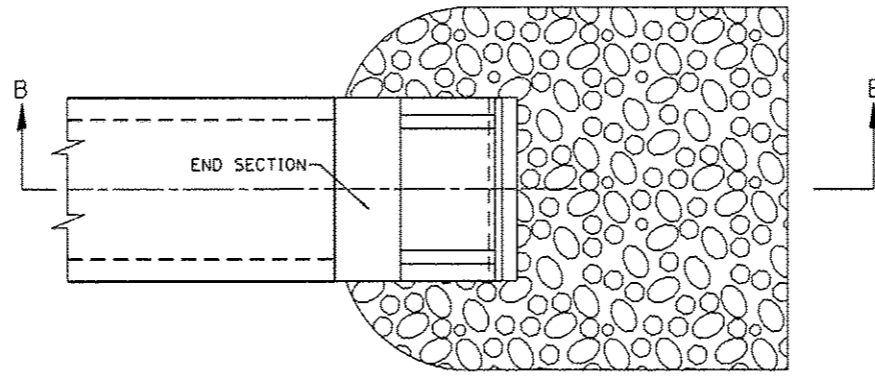


**NOTES:**

1. SEE EROSION CONTROL SHEETS FOR STONE RIPRAP LIMITS

**STONE RIPRAP - PIPE CULVERT**

(NOT TO SCALE)

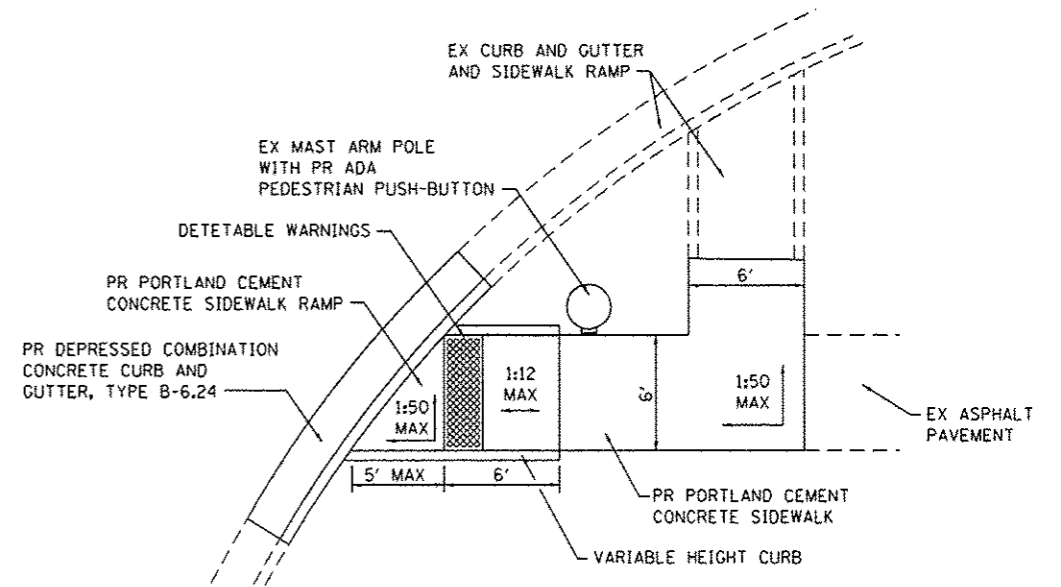


**NOTES:**

1. SEE EROSION CONTROL SHEETS FOR STONE RIPRAP LIMITS

**STONE RIPRAP - BOX CULVERT**

(NOT TO SCALE)

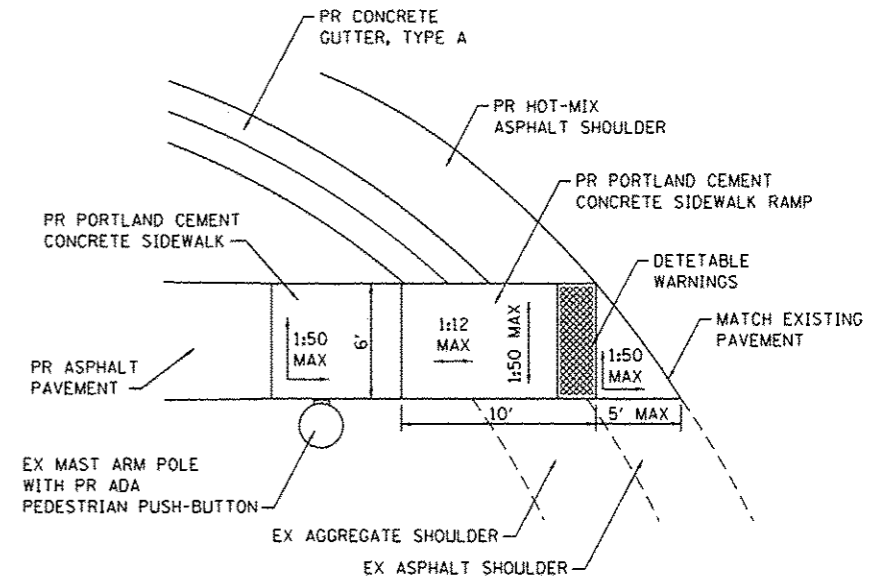


**NOTES:**

1. ADA PEDESTRIAN PUSH-BUTTON SHALL BE MOUNTED 42" ABOVE THE ELEVATION OF ADJACENT SIDEWALK/RAMP.
1. ADA PEDESTRIAN PUSH-BUTTON SHALL BE 10" MAXIMUM FROM THE EDGE OF SIDEWALK/RAMP

**CURB RAMP DETAIL**

STA. 39+10  
(NOT TO SCALE)



**NOTES:**

1. ADA PEDESTRIAN PUSH-BUTTON SHALL BE MOUNTED 42" ABOVE THE ELEVATION OF ADJACENT SIDEWALK/RAMP.
1. ADA PEDESTRIAN PUSH-BUTTON SHALL BE 10" MAXIMUM FROM THE EDGE OF SIDEWALK/RAMP

**CURB RAMP DETAIL**

STA. 38+30  
(NOT TO SCALE)

FILE NAME: H:\P\15215\Microstation\Sheets\0815015-arr-detail.dgn



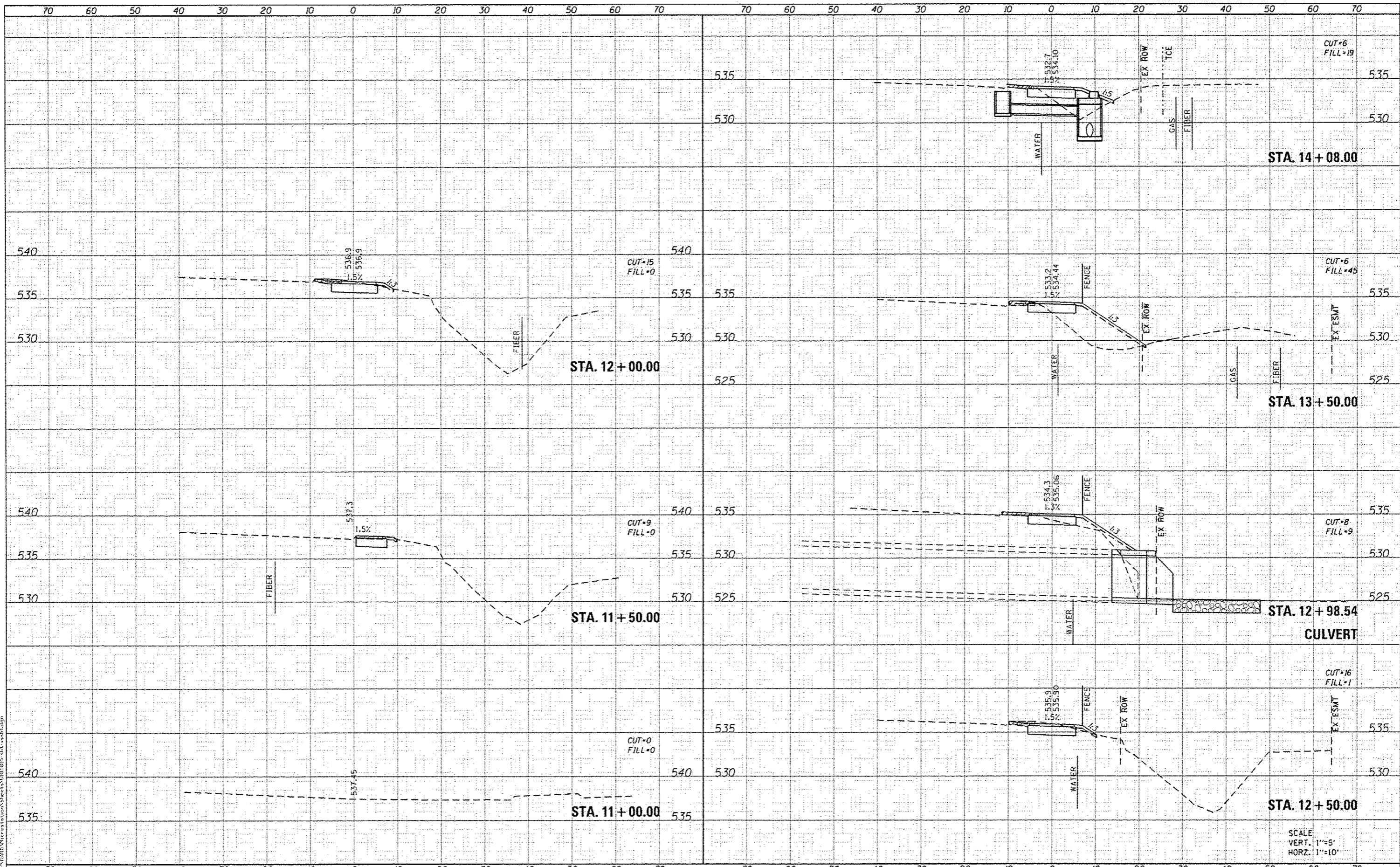
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PLOT SCALE: 40.0000' / 1"	DRAWN -	REVISED -
PLOT DATE: 2/3/2016	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	35
CONTRACT NO. 97618				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FILED	
SAVED	
PRINTED	
NOTE BOOK	
AREA	
AREA DECID	
NO.	

DATE	
BY	
FILED	
SAVED	
PRINTED	
NOTE BOOK	
AREA	
AREA DECID	
NO.	



USER NAME = andymullen	DESIGNED -	REVISED -
PLT SCALE = 20:0000 / 1" = 10'	DRAWN -	REVISED -
PLT DATE = 3/4/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

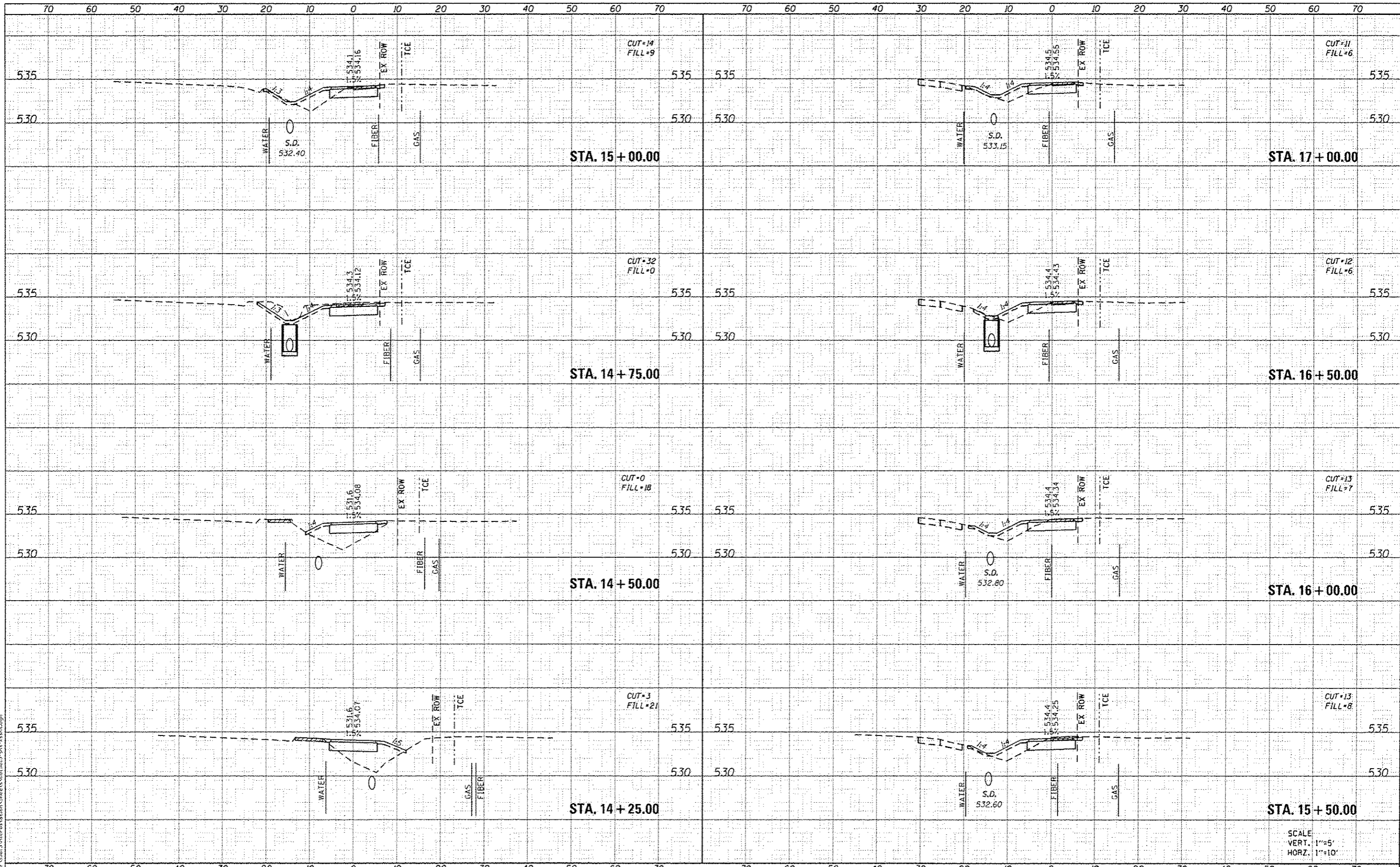
**CROSS SECTIONS**

SCALE: SHEET 1 OF 10 SHEETS STA. 11+00.00 TO STA. 14+00.00

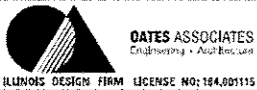
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	15-00066-02-BT	MADISON	45	36
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				

DATE	BY
FINAL	QUARTER
SURVEY	PICTURED
NOTE BOOK	TEMPLATE
NO.	AREAS
	CHANGED

DATE	BY
ORIGINAL	QUARTER
SURVEY	PICTURED
NOTE BOOK	TEMPLATE
NO.	AREAS
	CHANGED



FILE NAME: E:\PAPERS\Microsoft\Sheets\VERBES-311-210.dwg



USER NAME = andy.muller	DESIGNED -	REVISED -
PLDT SCALE = 20:2000 1" = 20'	DRAWN -	REVISED -
PLDT DATE = 3/17/2016	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

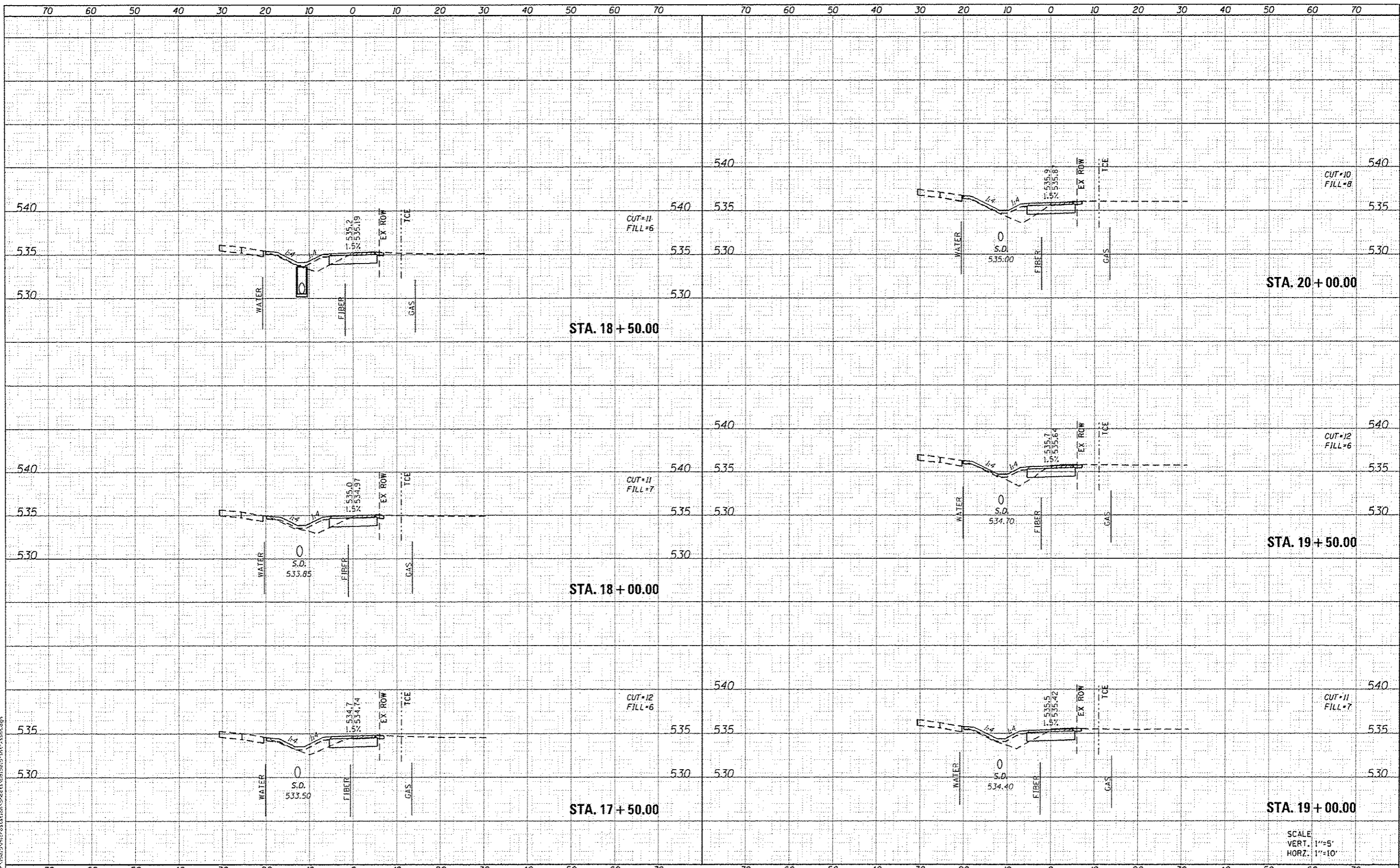
SCALE: SHEET 2 OF 10 SHEETS STA. 14+25.00 TO STA. 17+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-G0066-02-BT	MADISON	45	37
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
REVISIONS	
NO. BOOK	
AREA ORDER	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
REVISIONS	
NO. BOOK	
AREA ORDER	
NO.	



**DATES ASSOCIATES**  
Engineering • Architecture

ILLINOIS DESIGN FIRM LICENSE NO: 184,001115

USER NAME : andymelzer	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

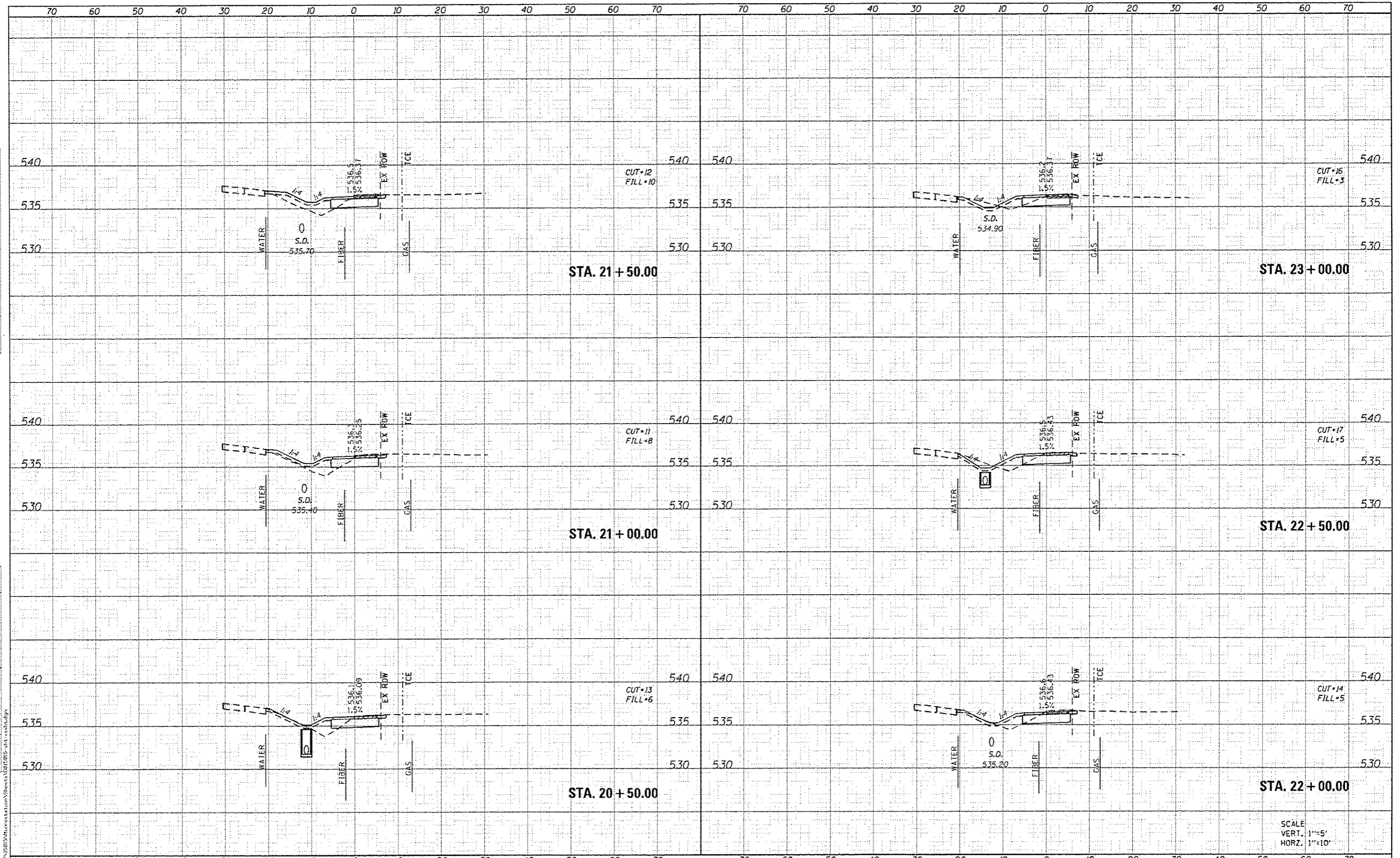
**CROSS SECTIONS**

SCALE: SHEET 3 OF 10 SHEETS STA. 17+50.00 TO STA. 20+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				

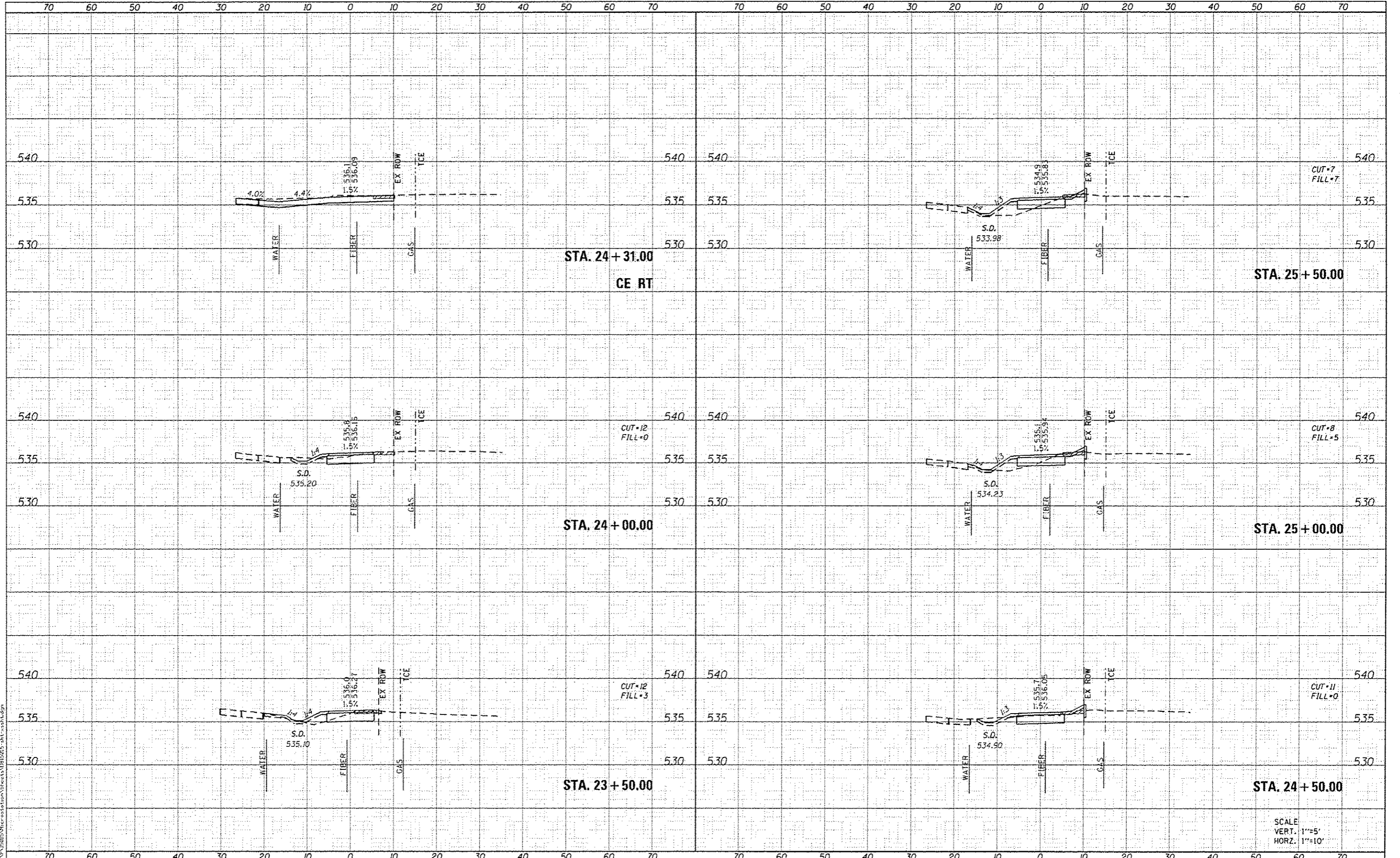
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BY	
FINI	
SURVEY	
PLOTTED	
NOTE BOOK	
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NO.	

DATE	
BY	
ORIGIN	
SURVEY	
PLOTTED	
NOTE BOOK	
AREA DESIGN	
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DATE	
BY	
DESIGNED	
DRAWN	
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USER NAME	
DESIGNED	
DRAWN	
CHECKED	
DATE	
USER NAME	
DESIGNED	
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CHECKED	
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USER NAME	

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USER NAME	
DESIGNED	
DRAWN	
CHECKED	
DATE	
USER NAME	
DESIGNED	
DRAWN	
CHECKED	
DATE	
USER NAME	



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



USER NAME	andy.miller	DESIGNED	-	REVISED	-
PLOT SCALE	28.8288' / in.	DRAWN	-	REVISED	-
PLOT DATE	3/4/2016	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

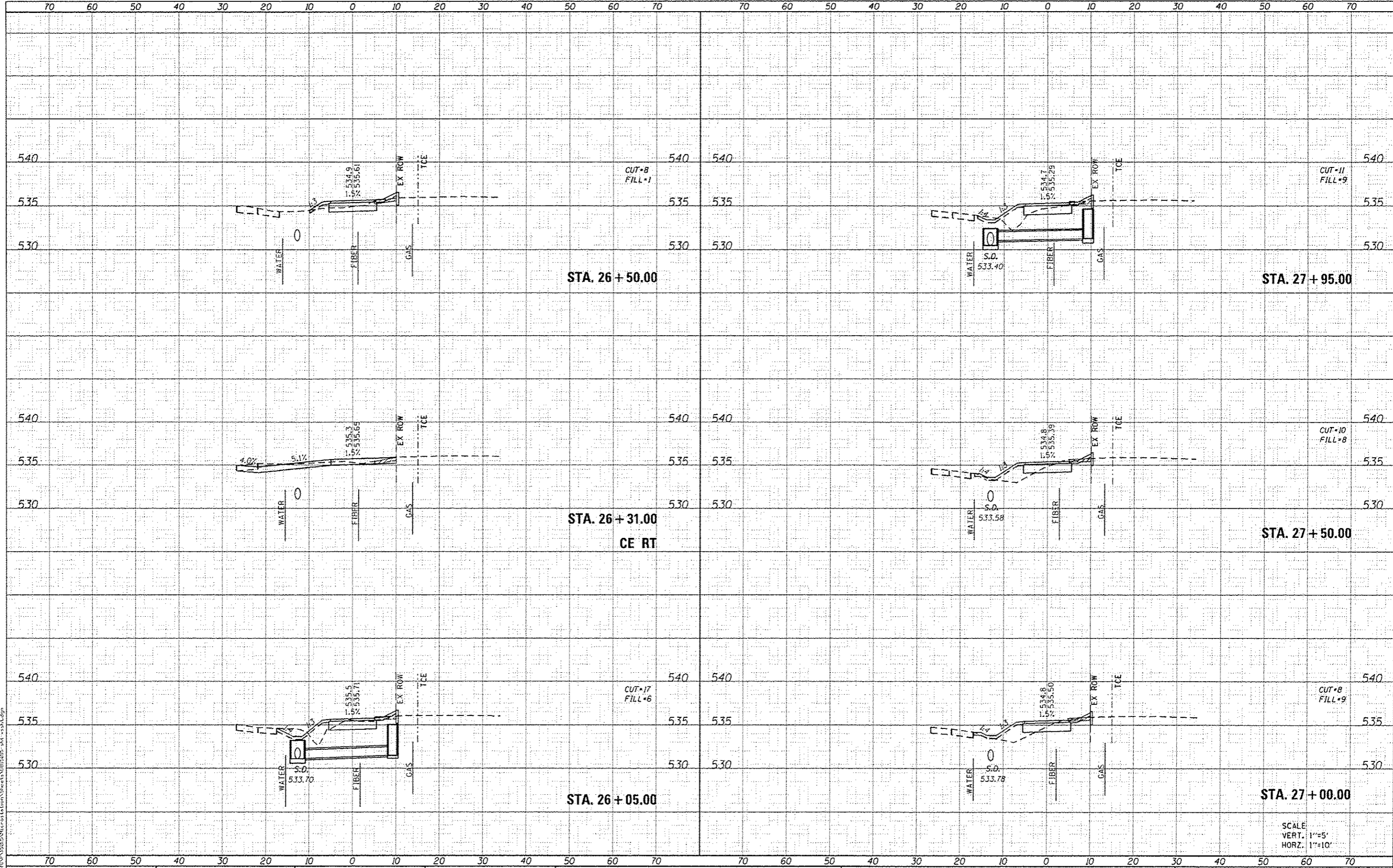
CROSS SECTIONS  
SCALE: SHEET 5 OF 10 SHEETS STA. 23+50.00 TO STA. 25+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	10
			CONTRACT NO. 97618	
ILLINOIS REG. A10 PROJECT				



DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	



**OATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME = andymuller	DESIGNED -	REVISED -
PLOT SCALE = 20.0000 / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

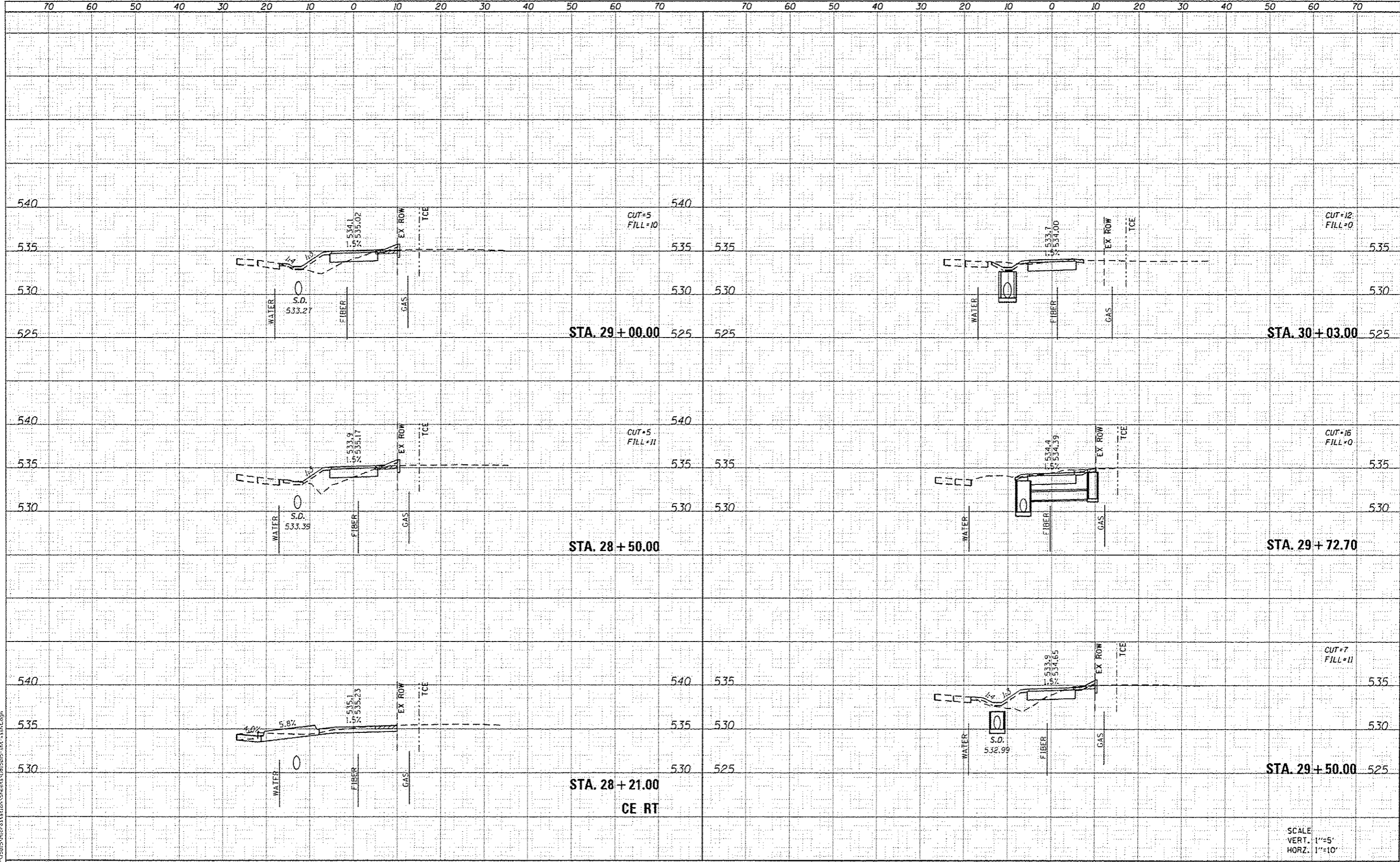
**CROSS SECTIONS**

SCALE: SHEET 6 OF 10 SHEETS STA. 26+05.00 TO STA. 27+95.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	11
CONTRACT NO. 97618			ILLINOIS FED. AID PROJECT	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	



**GATES ASSOCIATES**  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME = andymueller	DESIGNED -	REVISED -
PLOT SCALE = 28.2228' / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2016	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

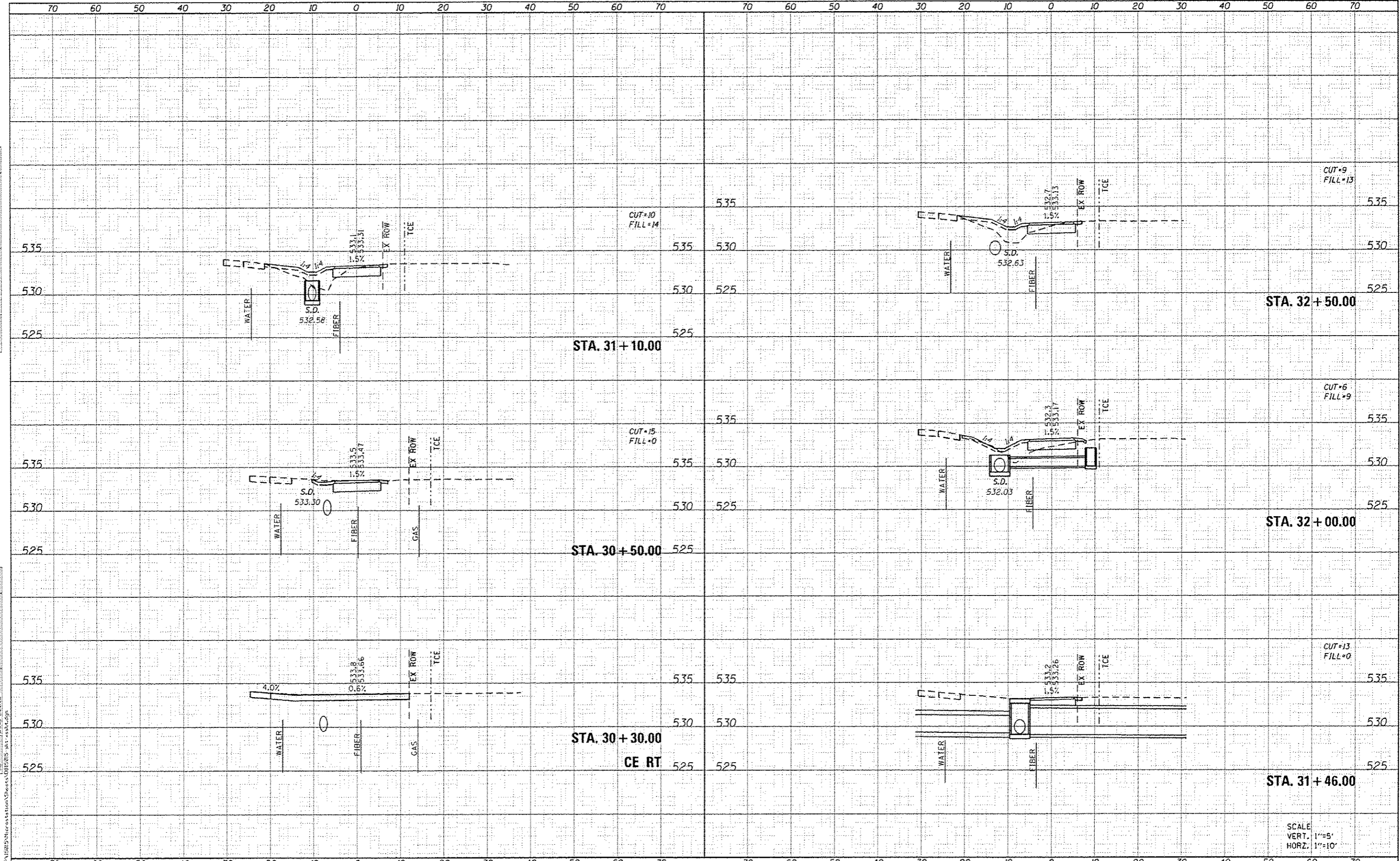
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-BT	MADISON	45	42
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				

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

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 FINI SURVEY PLOTTED \_\_\_\_\_  
 SURVEY PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEY PLOTTED \_\_\_\_\_  
 SURVEY PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_



DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEY PLOTTED \_\_\_\_\_  
 SURVEY PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

USER NAME = andy.muller  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

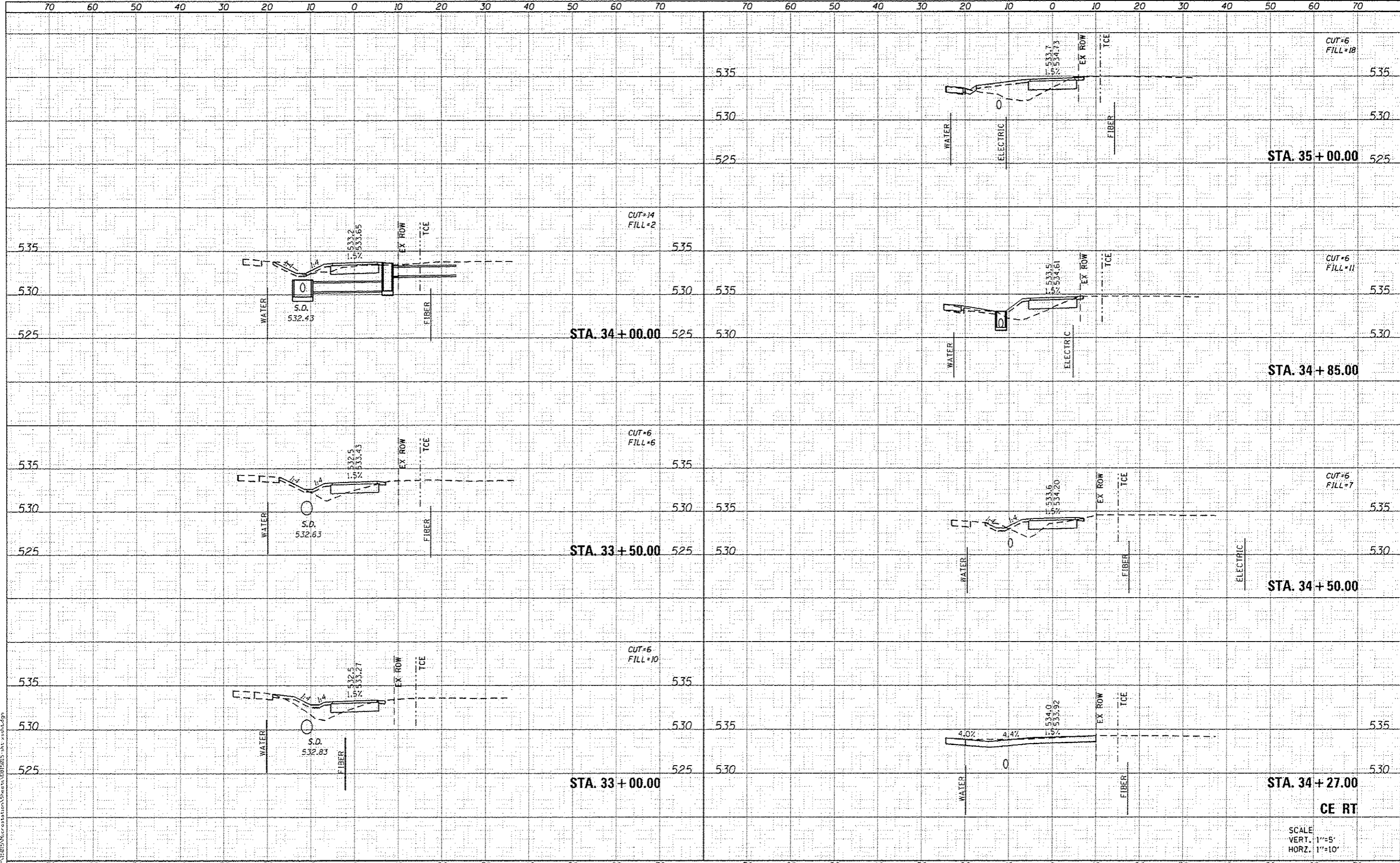
**CROSS SECTIONS**  
 SCALE: SHEET 8 OF 10 SHEETS STA. 30+30.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-B1	MADISON	45	43
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
REVIEWED	
DESIGNED	
CHECKED	
DRAWN	
DATE	

DATE	
BY	
REVIEWED	
DESIGNED	
CHECKED	
DRAWN	
DATE	



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**GATES ASSOCIATES**  
 ENGINEERS & ARCHITECTS  
 ILLINOIS DESIGN FIRM LICENSE NO: 184-001115

USER NAME: andymellor	DESIGNED -	REVISED -
PLOT SCALE: 20.0000' / 1"	DRAWN -	REVISED -
PLOT DATE: 3/4/2010	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: SHEET 9 OF 10 SHEETS STA. 33+00.00 TO STA. 35+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00066-02-8T	MADISON	45	44
			CONTRACT NO. 97618	
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
FORWARD	
PROFIT	
NOTE BOOK	
TEMPLATE	
AREAS	
AREAS CHECKED	

DATE	
BY	
FORWARD	
PROFIT	
NOTE BOOK	
TEMPLATE	
AREAS	
AREAS CHECKED	

