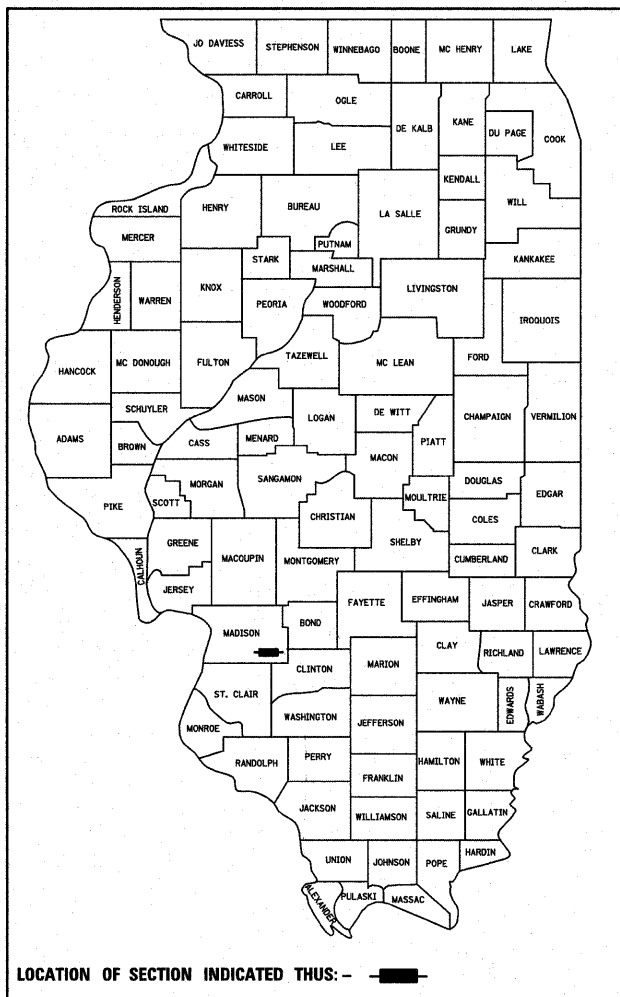


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**PLANS FOR PROPOSED**  
IMPROVEMENT  
CITY OF HIGHLAND  
**SPORTSMAN ROAD TRAIL CONSTRUCTION**  
SECTION 10-00064-00-BT  
MADISON COUNTY  
PROJECT TE-00D8 (836)  
C-98-366-10



**INDEX OF SHEETS**

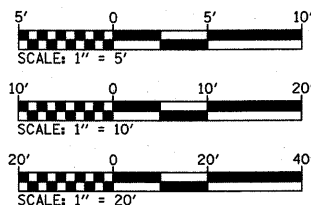
SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES & SUMMARY OF QUANTITIES
3	TYPICAL SECTIONS
4	SCHEDULES
5-7	PLAN & PROFILE SHEETS
8-9	EROSION & SEDIMENT CONTROL SHEETS
10-11	PAVEMENT MARKING & SIGNING PLAN
12	WOOD FENCE DETAILS
13	CONSTRUCTION DETAILS
14-18	CROSS SECTIONS

**HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
701101-02	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
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
780001-03	TYPICAL PAVEMENT MARKINGS
BLR21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

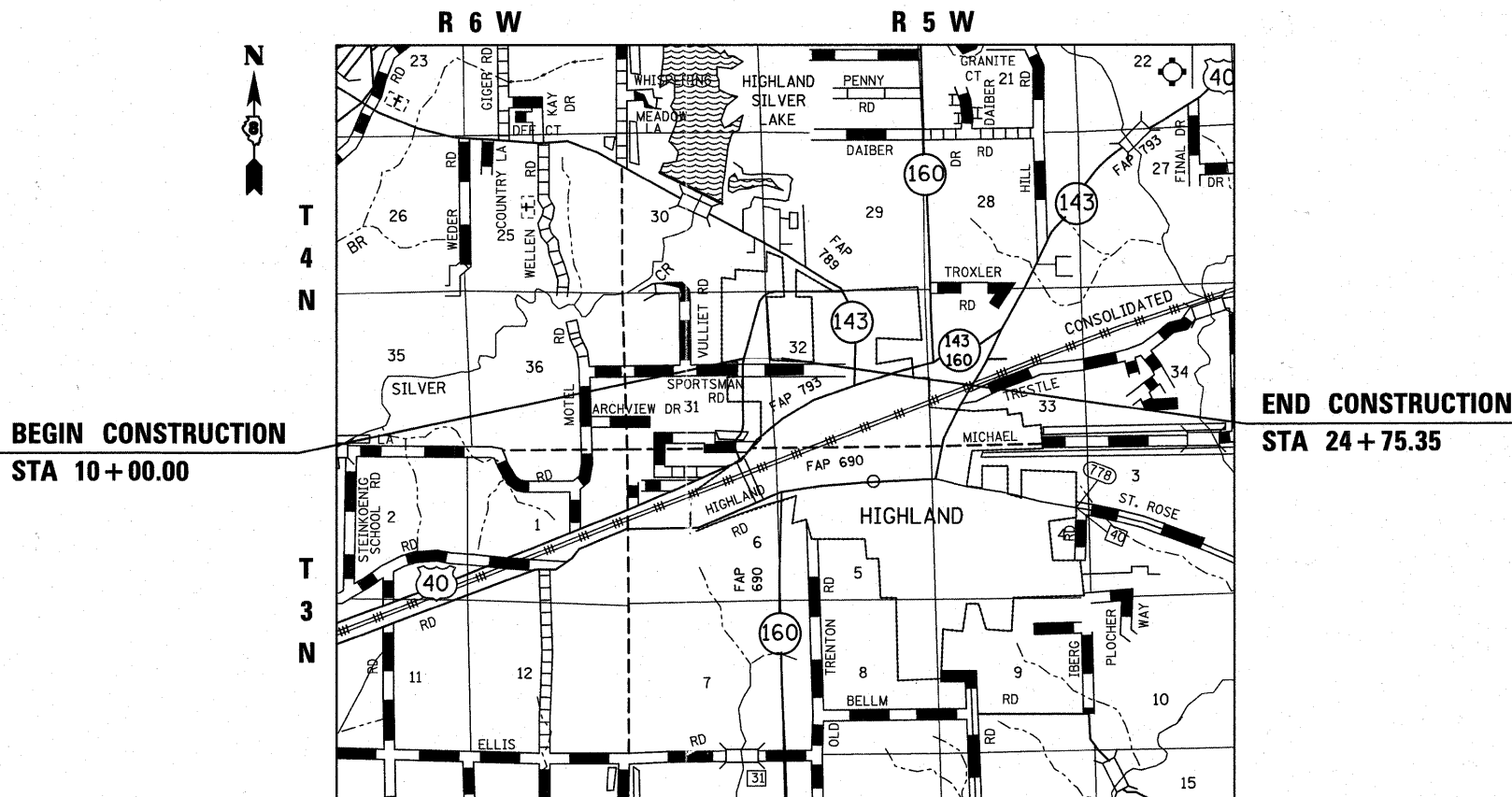
**SCALE IN FEET**

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



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



**LOCATION MAP**

SCALE 1" = 5000'

GROSS LENGTH OF PROJECT = 1,475.35 FEET (0.279 MILES)

**DESIGN DESIGNATION**

CLASSIFICATION = SHARED-USE PATH  
DESIGN SPEED = 20 MPH

**END CONSTRUCTION**  
STA 24 + 75.35

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED November 7 2011  
*Joseph R. Michaelis*  
JOSEPH R. MICHAELIS MAYOR OF HIGHLAND

PASSED Dec 20 2011  
*Jeffrey A. Call*  
DISTRICT 8 PROJECT IMPLEMENTATION ENGINEER

RELEASING FOR BID Dec 20 2011  
BASED ON LIMITED REVIEW  
*Omer Osman*  
OMER OSMAN, P.E. DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER



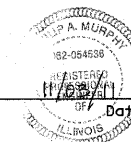
ILLINOIS  
Eastport Business Center 1  
100 Lanter Court, Suite 1  
Collinsville, IL 62234  
tel 618.345.2200  
fax 618.345.7233

MISSOURI  
Laclede Gas Building  
720 Olive, Suite 1600  
St. Louis, MO 63101  
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*Philip A. Murphy*  
PHILIP A. MURPHY  
IL P.E. NO. 062-054536  
EXPIRES: 11/30/2013



**GENERAL NOTES**

**UTILITIES**

- 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.
- 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.
- 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
- 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**

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- 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.
- 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.
- STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, SILT WEDGES OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER.
- EARTH EXCAVATION INCLUDES THE REMOVAL OF THE AGGREGATE BASE BELOW THE EXISTING TRAIL. 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."
- ALL EXISTING FEATURES SUCH AS CULVERTS, HEADWALLS, RIPRAP, FENCING, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL MISCELLANEOUS FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS REMOVAL WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

**DRAINAGE**

- FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
- 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 PRICES FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

**MISCELLANEOUS**

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

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBRL)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
DI	DUCTILE IRON PIPE
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
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

**COMMITMENTS**

NONE

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
20200100	EARTH EXCAVATION	CU YD	525
S 20800150	TRENCH BACKFILL	CU YD	10
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,645
25100630	EROSION CONTROL BLANKET	SQ YD	147
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	120
28000305	TEMPORARY DITCH CHECKS	FOOT	104
28000400	PERIMETER EROSION BARRIER	FOOT	1,450
28000500	INLET AND PIPE PROTECTION	EACH	4
S 28100105	STONE RIPRAP, CLASS A3	SQ YD	53
28200200	FILTER FABRIC	SQ YD	53
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	1,863
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	698
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	190
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	57
S 42400800	DETECTABLE WARNINGS	SQ FT	34
S 542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	36
S 542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	36
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4
67100100	MOBILIZATION	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	8.0
73000100	WOOD SIGN SUPPORT	FOOT	66
• 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	410
S X0327036	BIKE PATH REMOVAL	SQ YD	110
S X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.6
S X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
S XX000882	WOOD FENCE	FOOT	127

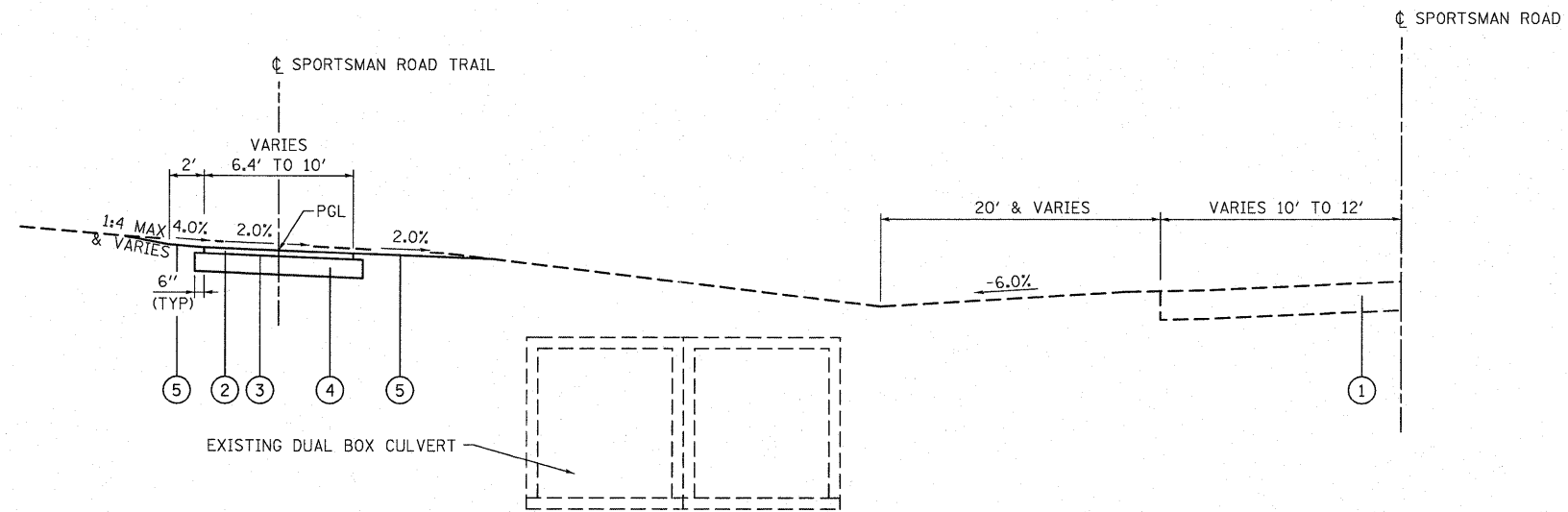
NOTES:

- S SEE PROJECT SPECIFIC SPECIAL PROVISIONS
- SPECIALTY ITEM

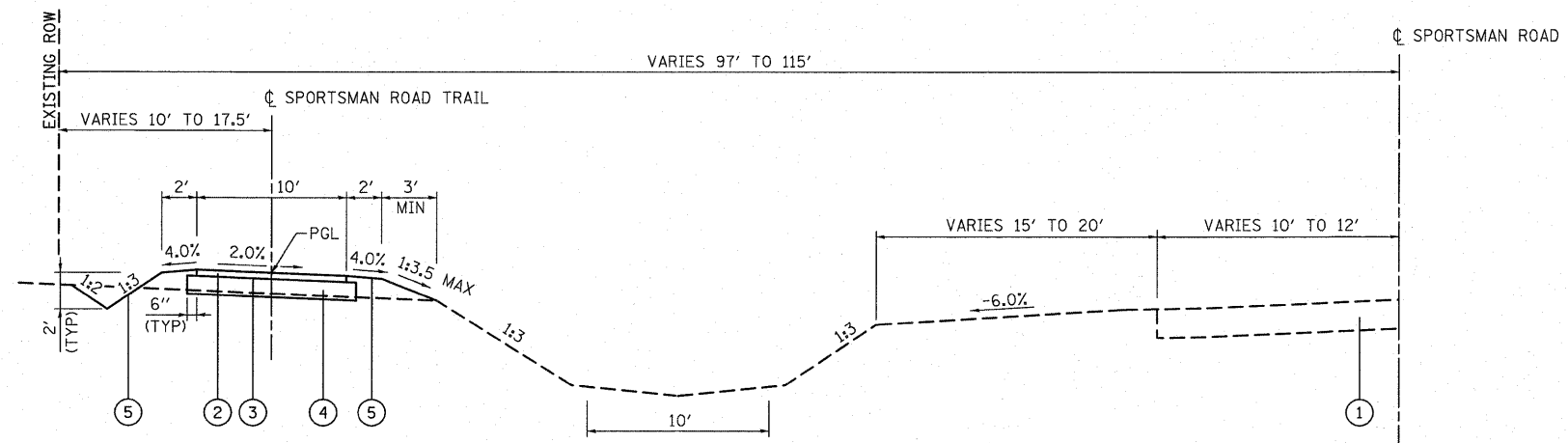
HOT-MIX ASPHALT MIXTURE TABLE	
MIXTURE USE	HMA SURFACE COURSE
THICKNESS	2"
AC/PG	PG 64-22
RAP % (MAX)	15%
DESIGN AIR Voids	4.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5L
FRICTION AGG	MIXTURE "C"

**TYPICAL SECTION LEGEND**

- ① EXISTING AGGREGATE BASE COURSE WITH ASPHALT SURFACE TREATMENT
- ② PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 2"
- ③ BITUMINOUS MATERIALS PRIME COAT
- ④ PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- ⑤ PROPOSED TOPSOIL FURNISH AND PLACE, 4"



**PROPOSED TYPICAL SECTION**  
STA. 23+75 TO STA. 24+75.35



**PROPOSED TYPICAL SECTION**  
STA. 10+00 TO STA. 23+75

FILE NAME = DB10096-sht-typicol.dgn	USER NAME = randy	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 11/30/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

**EARTHWORK SCHEDULE**

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)
10+00	24+75	525	394	215	179
<b>TOTAL</b>		<b>525</b>	<b>394</b>	<b>215</b>	<b>179</b>

**EARTHWORK NOTES:**

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

**EROSION CONTROL SCHEDULE**

STATION	STATION	O/S	EROSION CONTR BLANKET (SQ YD)	TEMP EROS CONTR SEED (NOTE 1) (POUND)	TEMP DITCH CHECKS (FOOT)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECTION (EACH)	STONE RIPRAP CL A3 (SQ YD)	FILTER FABRIC (SQ YD)
10+00	24+75	LT		70	104		4		
10+00	24+75	RT	147	50		1,450		53	53
<b>TOTAL</b>			<b>147</b>	<b>120</b>	<b>104</b>	<b>1,450</b>	<b>4</b>	<b>53</b>	<b>53</b>

**EROSION CONTROL NOTES:**

- 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 / ENTRANCE SCHEDULE**

STATION	STATION	ENTRANCE WIDTH "W" (FOOT)	ENTRANCE DEPTH "D" (FOOT)	AGG BASE CSE A 6 (SQ YD)	BIT MATLS PR CT (NOTE 1) (GAL)	HMA SC "C" N30 (NOTE 1) (TON)	PC CONC SIDEWALK 6 (SQ FT)	DETECTABLE WARNINGS (SQ FT)	BIKE PATH REM (NOTE 2) (SQ YD)
10+00	24+75			1,806	677	184	33	20	
23+75		7	43	57	21	6	24	14	110
<b>TOTAL</b>				<b>1,863</b>	<b>698</b>	<b>190</b>	<b>57</b>	<b>34</b>	<b>110</b>

**PAVEMENT / ENTRANCE NOTES:**

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:  
HOT-MIX ASPHALT: 112 LBS/SY/INCH THICKNESS  
BITUMINOUS MATERIALS PRIME COAT: 0.375 GAL/SY
- THE NOMINAL THICKNESS OF THE EXISTING HMA PATH IS 2 IN.

**PAVEMENT MARKING SCHEDULE**

STATION	STATION	OFFSET	PAINT PVT MK LINE 4 (NOTE 1) (FOOT)
10+03	10+53	CL	50
10+53	24+75	CL	360
<b>TOTAL</b>			<b>410</b>

**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

**SEEDING SCHEDULE**

STATION	STATION	OFFSET	TOPSOIL F & P 4 (SQ YD)	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)
10+00	24+75	LT	1,489	0.35	32	32	32	0.35
10+00	24+75	RT	1,156	0.25	23	23	23	0.25
<b>TOTAL</b>			<b>2,645</b>	<b>0.6</b>	<b>54</b>	<b>54</b>	<b>54</b>	<b>0.6</b>

**SEEDING NOTES:**

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

**SIGNING SCHEDULE**

STATION	OFFSET	TYPE	SIZE (FT X FT)	SIGN PANEL T1 (SQ FT)	WOOD SIN SUPPORT (NOTE 1) (FOOT)
10+08	9' LT	R1-2	1.5 X 1.5	1.1	13
22+70	9' RT	W1-2	1.5 X 1.5	1.1	13
23+68	13' LT	R1-2	1.5 X 1.5	1.1	13
23+82	13' LT	R5-6	1.5 X 1.5	1.1	13
24+70	7' RT	W5-4a	1.5 X 1.5	1.1	14
24+70	7' RT	SPL	2.0 X 1.25	2.5	
<b>TOTAL</b>				<b>8.0</b>	<b>66</b>

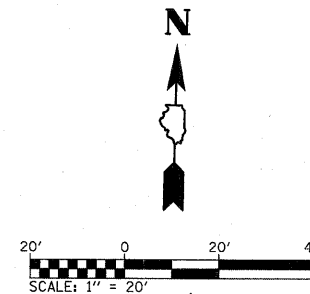
**SIGNING NOTES:**

- SEE CONSTR DETAILS FOR ADDITIONAL GUIDANCE ON SIGN PLACEMENT.



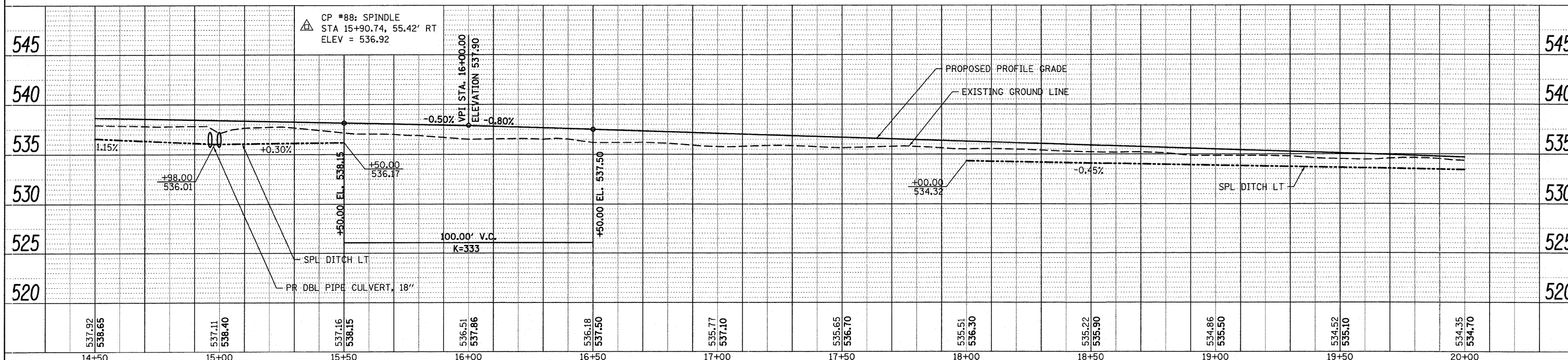
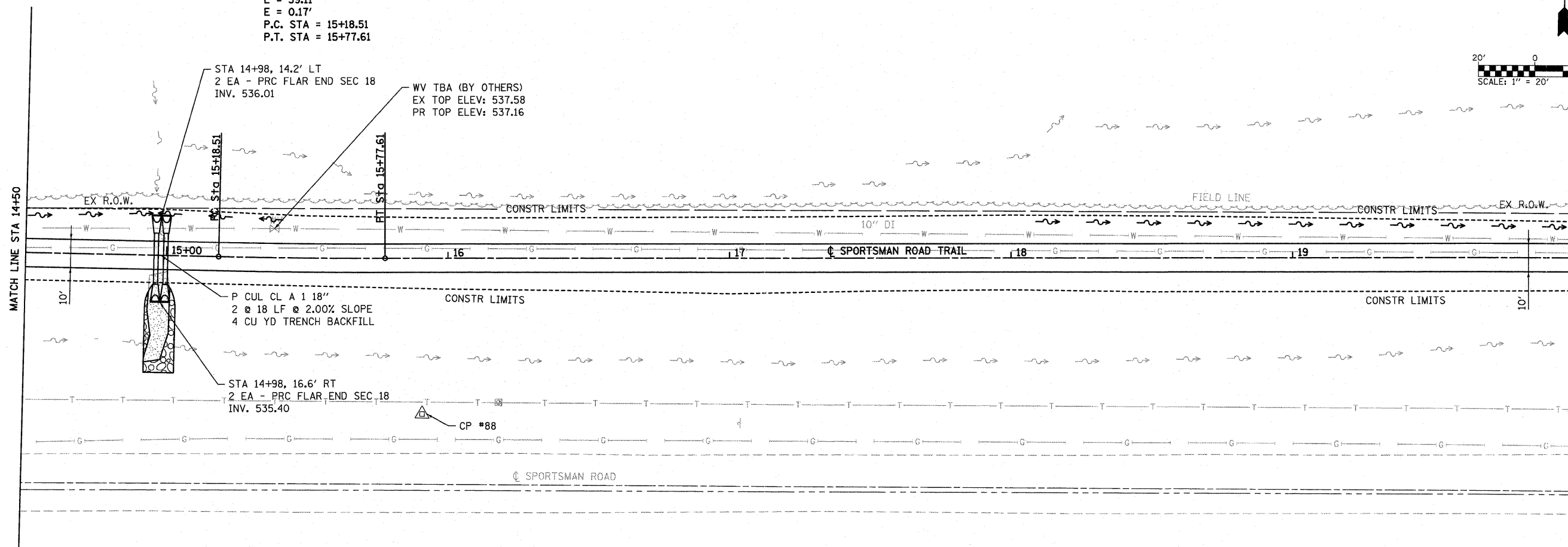
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 PI STA. = 15+48.06  
 $\Delta = 1^\circ 21' 17''$  (LT)  
 $D = 2^\circ 17' 31''$   
 $R = 2,500.00'$   
 $T = 29.55'$   
 $L = 59.11'$   
 $E = 0.17'$   
 P.C. STA = 15+18.51  
 P.T. STA = 15+77.61

N/F SALLY S.E. RAEBER, BETTY RAEBER SCHMITT,  
 MARIE RAEBER SMILEY, AND OTHMAR L. RAEBER  
 02-18-31-00-000-009



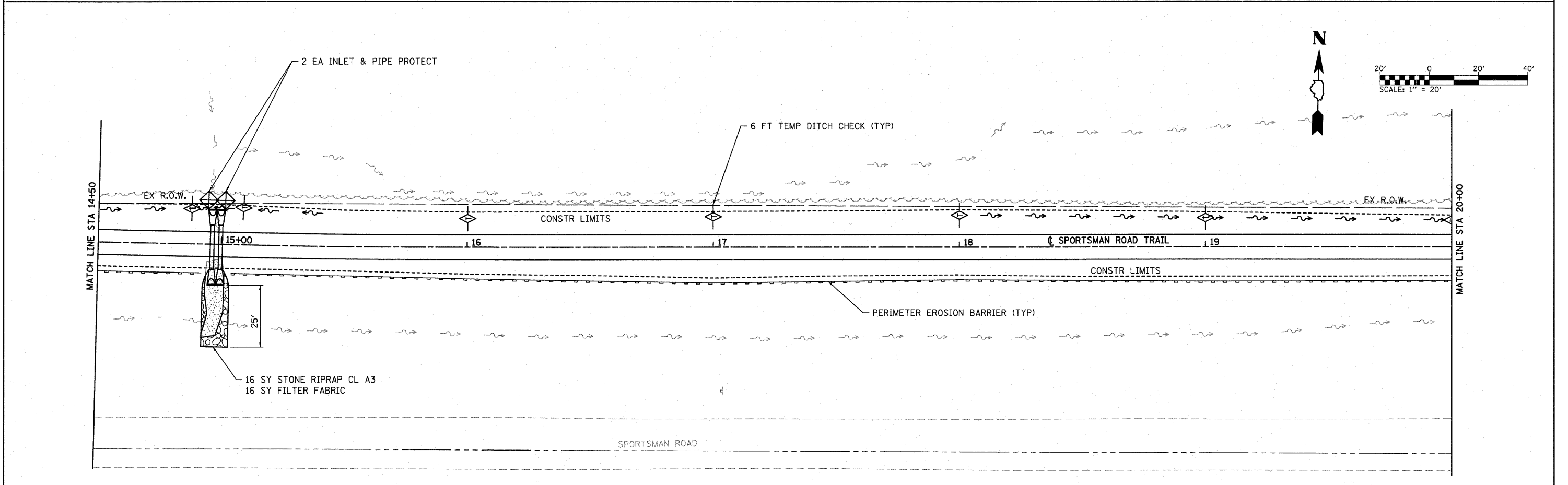
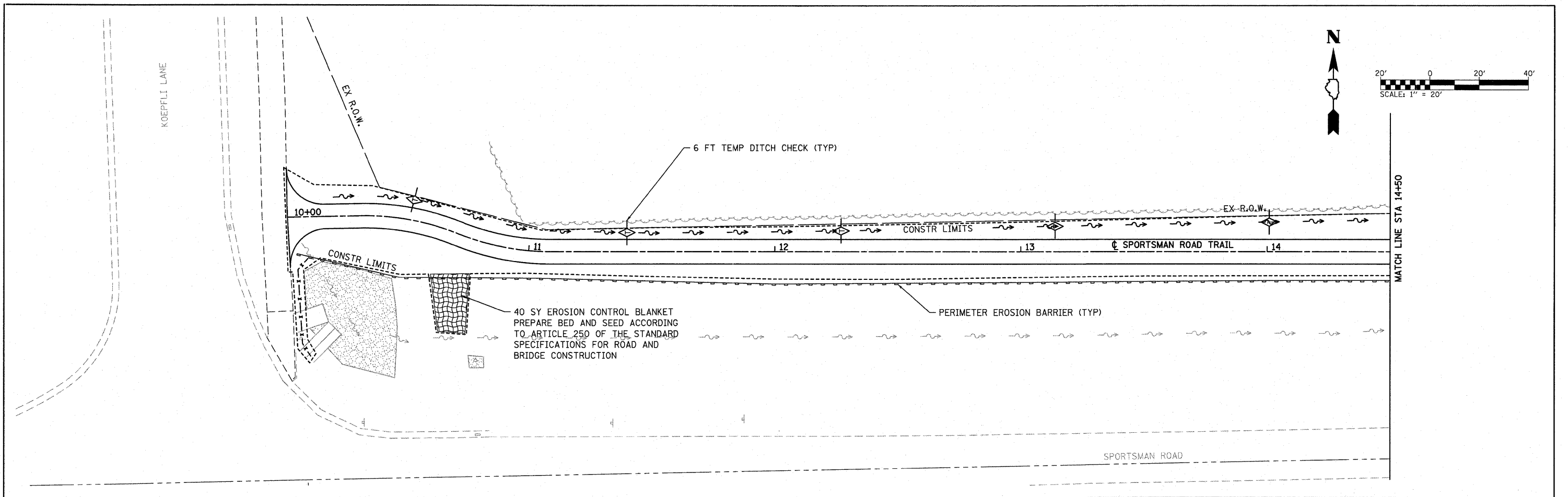
PLAN	DATE
BY	
REVISED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

PROFILE	DATE
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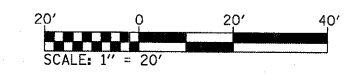
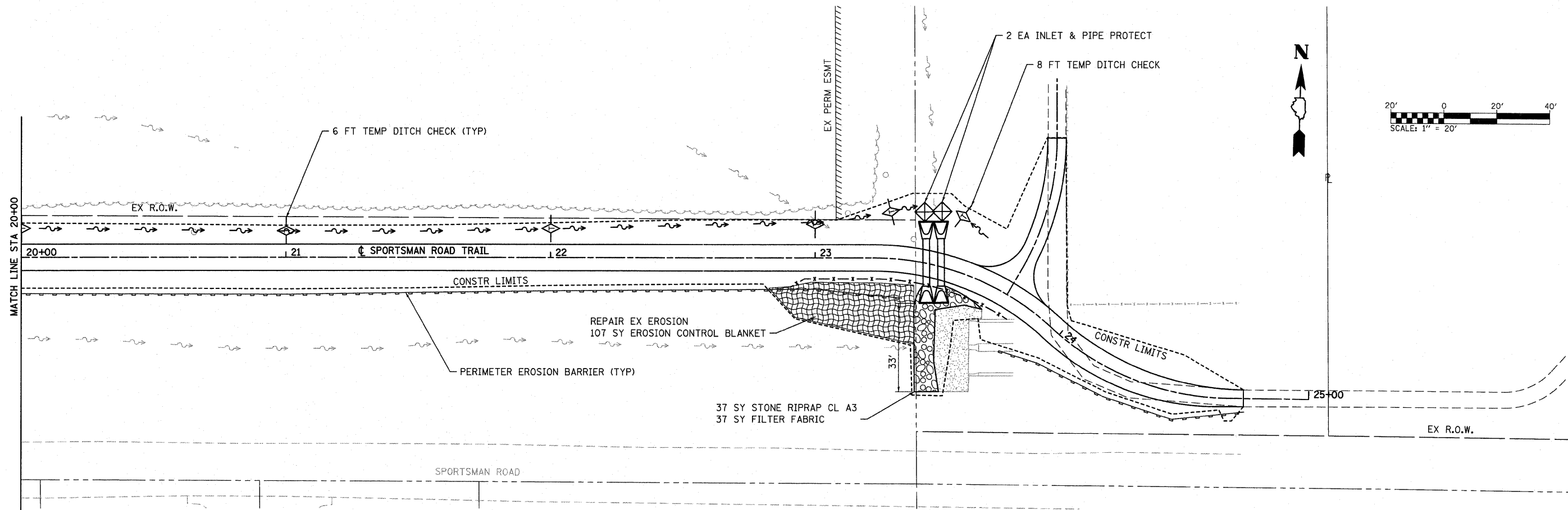
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	PLOT TIME = 8:37:51 AM	DRAWN -	REVISED -					SPORTSMAN ROAD TRAIL	10-00064-00-BT	MADISON	18	6
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	PLOT DATE = 11/10/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				





FILE NAME = DB10096-sht-eros.dgn	USER NAME = randy	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION &amp; SEDIMENT CONTROL SHEETS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 11/29/2011	DATE -	REVISED -		(ILLINOIS) FED. AID PROJECT							



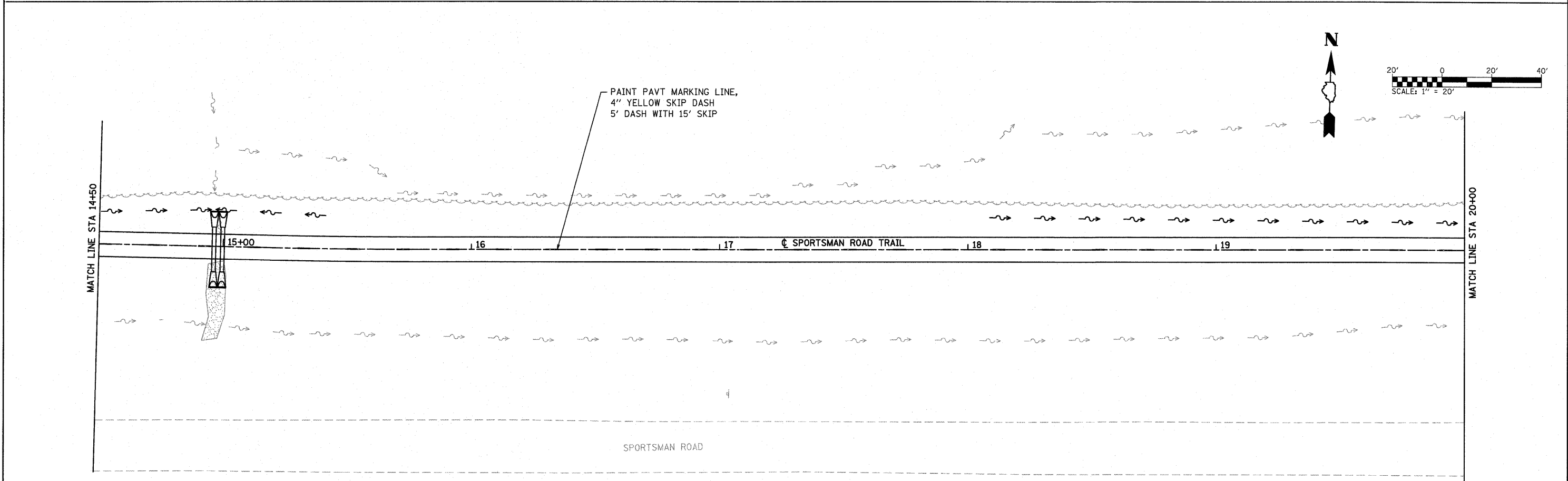
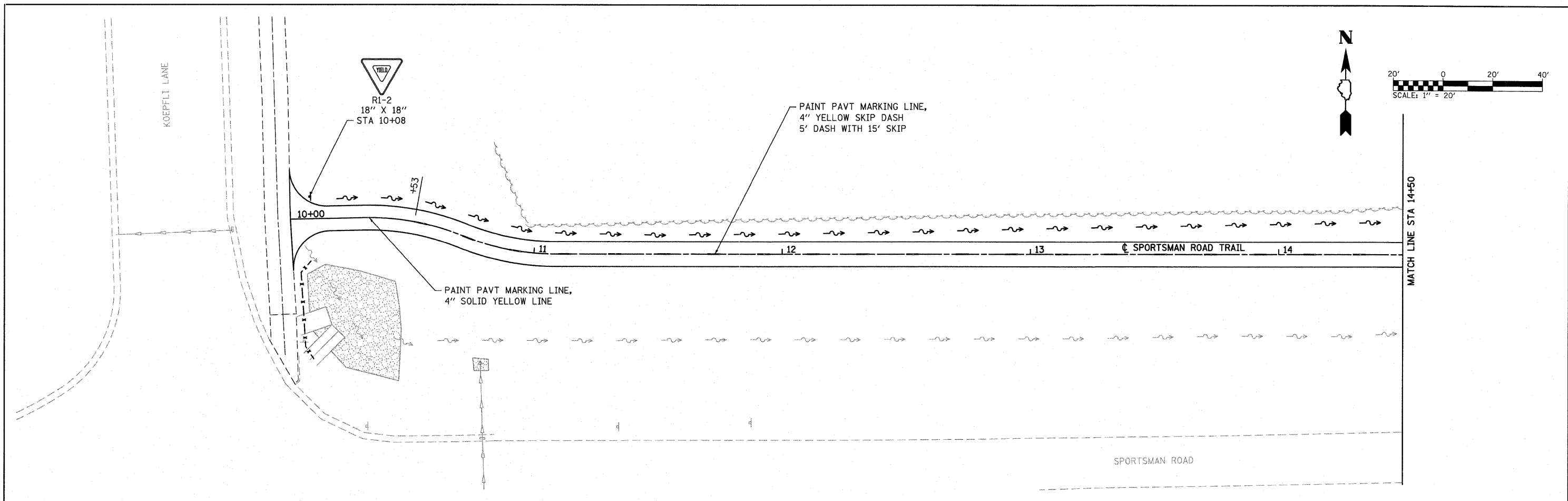


**EROSION CONTROL LEGEND**

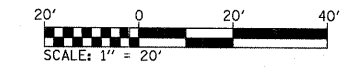
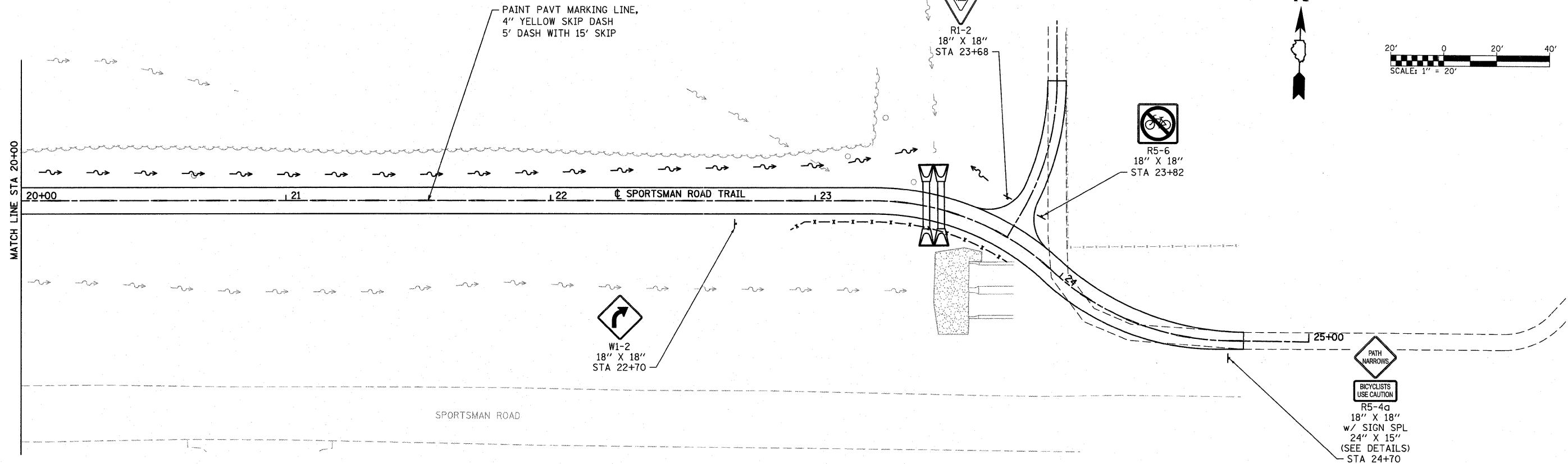
- LIMITS OF CONSTRUCTION
- ◇ TEMPORARY DITCH CHECK
- ⊞ STONE RIPRAP
- PERIMETER EROSION BARRIER  
SILT FILTER FENCE OR OTHER  
AS APPROVED BY THE ENGINEER
- ◇ INLET AND PIPE PROTECTION
- ⊞ EROSION CONTROL BLANKET

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

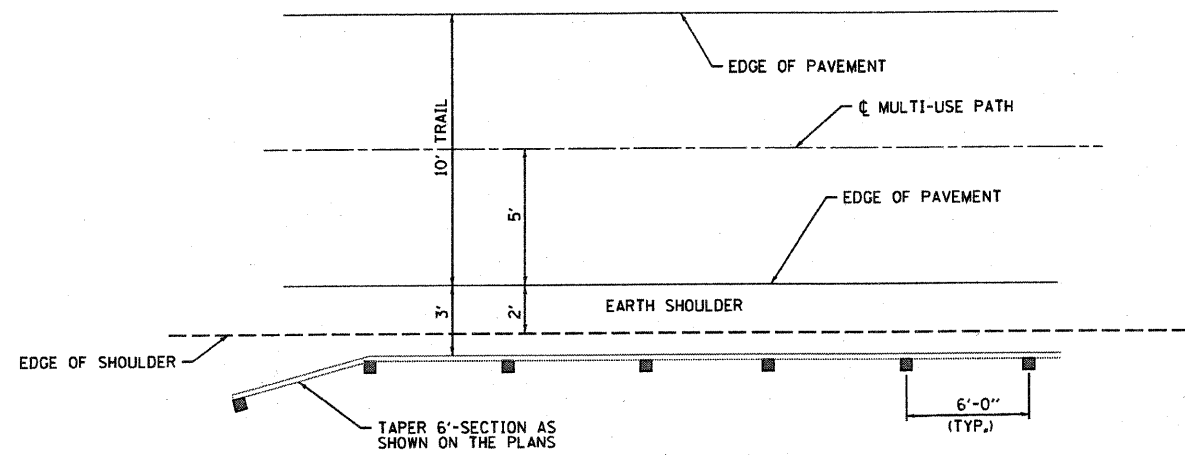
FILE NAME = DB10096-shr-eros.dgn	USER NAME = randy	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION &amp; SEDIMENT CONTROL SHEETS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME = 8:37:54 AM	DRAWN -	REVISED -					10-00064-00-BT	MADISON	18	9	
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -					SPORTSMAN ROAD TRAIL		CONTRACT NO. 97482		
	PLOT DATE = 11/10/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'			SHEET NO. 2 OF 2 SHEETS		STA. 20+00 TO STA. 24+75.35			



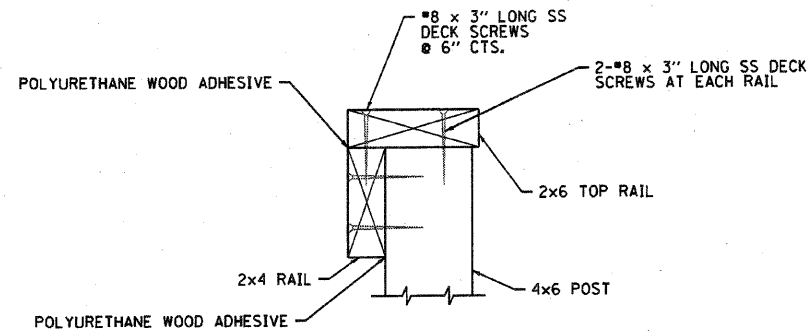
FILE NAME = DB10076-shr-pmk.dgn	USER NAME = randy PLOT TIME = 8:37:56 AM PLOT SCALE = 20.0000' / IN. PLOT DATE = 11/10/2011	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING &amp; SIGNING PLAN</b>			F.A. RTE.	SECTION 10-00064-00-BT	COUNTY MADISON	TOTAL SHEETS 18	SHEET NO. 10
					SCALE: 1" = 20'	SHEET NO. 1 OF 2 SHEETS	STA. 10+00 TO STA. 20+00	SPORTSMAN ROAD TRAIL		CONTRACT NO. 97482		
ILLINOIS FED. AID PROJECT												



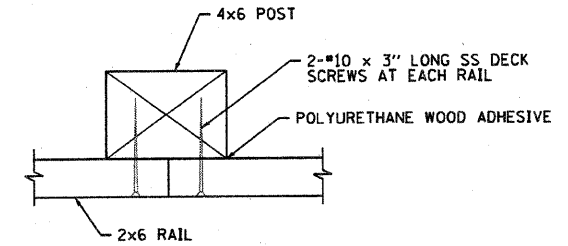
FILE NAME = DB10096-ah-pmk.dgn	USER NAME = randy	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING &amp; SIGNING PLAN</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME = 8:37:57 AM	DRAWN -	REVISED -					10-00064-00-BT	MADISON	18	11	
	PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -					SPORTSMAN ROAD TRAIL	<b>CONTRACT NO. 97482</b>			
	PLOT DATE = 11/10/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. 2 OF 2 SHEETS		STA. 20+00 TO STA. 24+75.35				



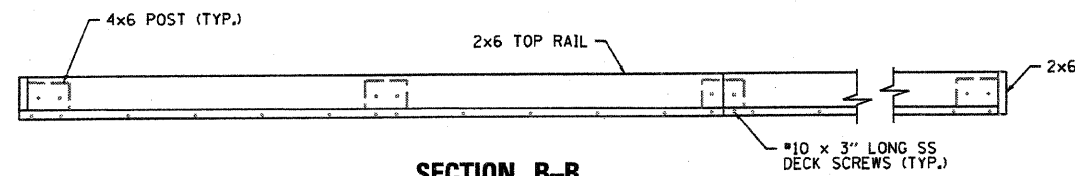
**PLAN**



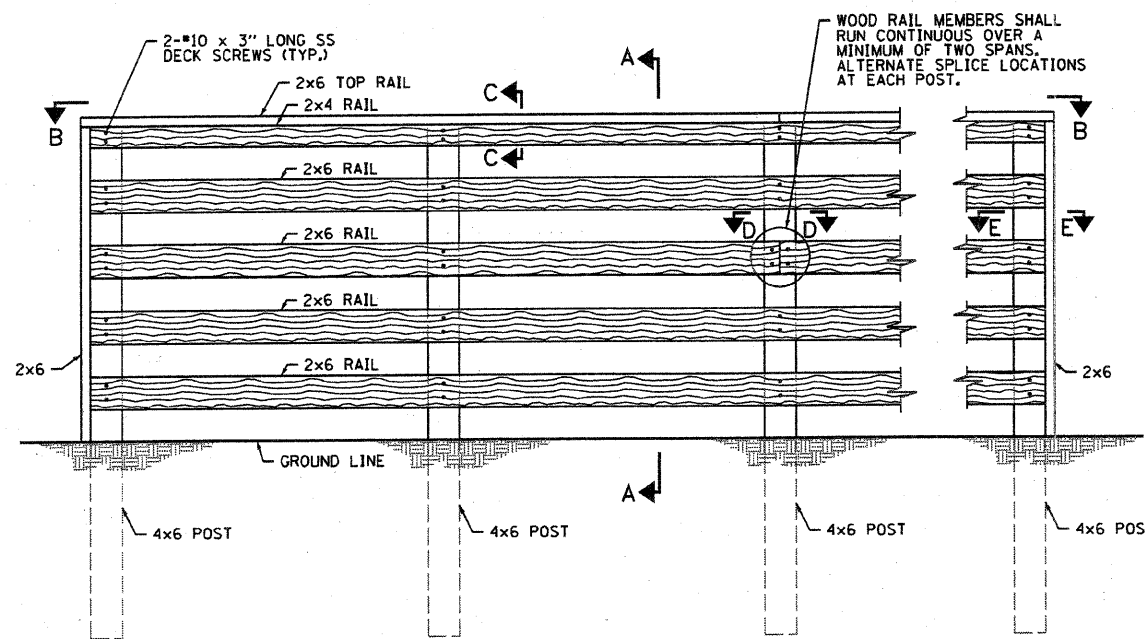
**SECTION C-C**  
(NOT TO SCALE)



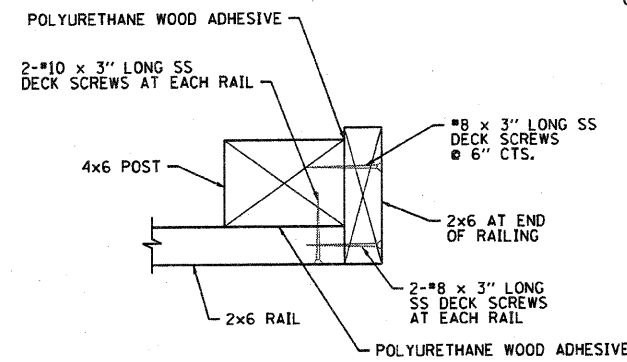
**SECTION D-D**  
(NOT TO SCALE)



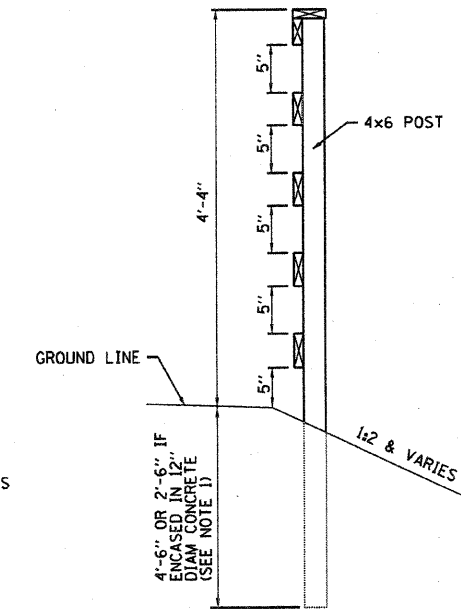
**SECTION B-B**  
(NOT TO SCALE)



**INSIDE RAIL ELEVATION**



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



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

NOTE 1: PROPOSED FENCE POSTS ALONG KOEPFLI LANE TRAIL MUST BE ENCASED IN CONCRETE IF PLACED ABOVE EXISTING BOX CULVERTS

FILE NAME = DB10096-ahf-details.dgn

USER NAME = rony  
PLOT TIME = 1:47:21 PM  
PLOT SCALE = 40.0000 / IN.  
PLOT DATE = 1/17/2012

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

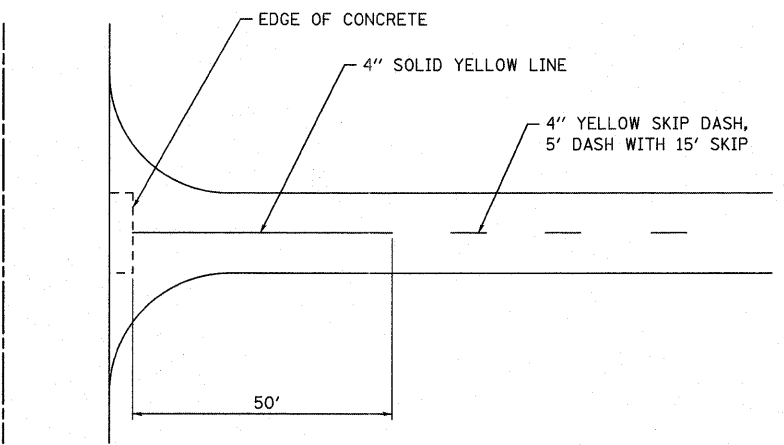
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WOOD FENCE DETAILS

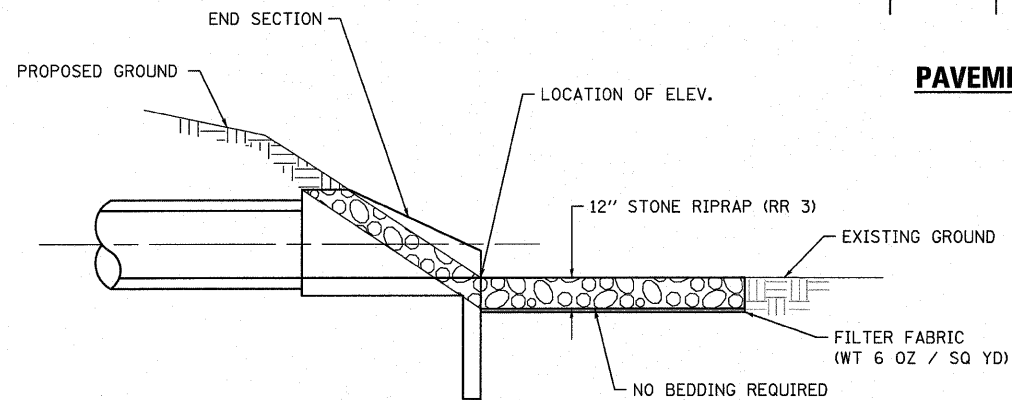
SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00064-00-BT	MADISON	18	12
SPORTSMAN ROAD TRAIL			CONTRACT NO. 97482	
ILLINOIS FED. AID PROJECT				



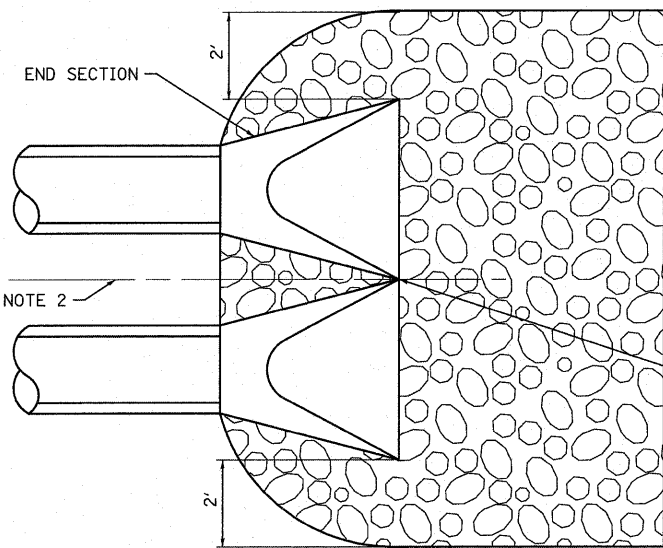
**PAVEMENT MARKING DETAIL**

STA. 10+00  
(NOT TO SCALE)



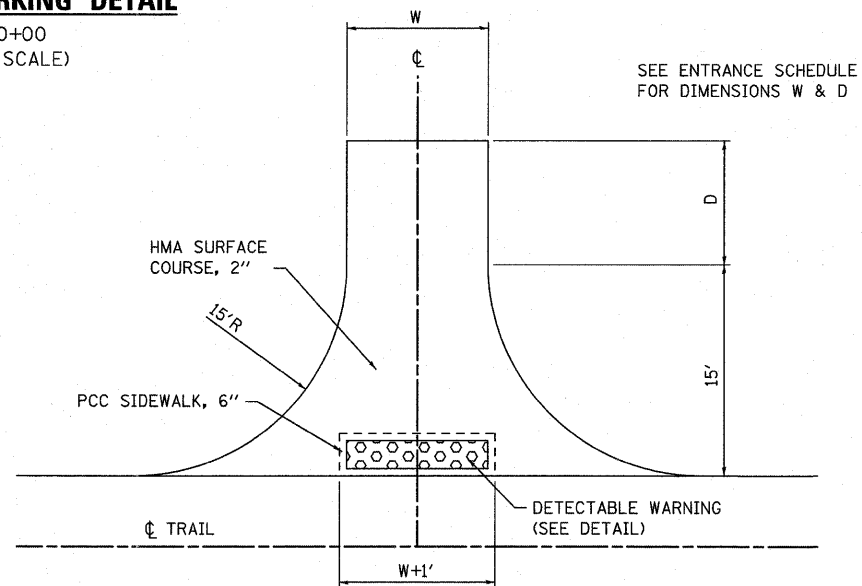
**STONE RIPRAP DETAIL**

(NOT TO SCALE)



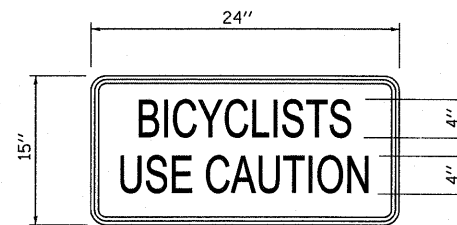
NOTE 2: PRIOR TO PLACING WOOD FENCE POSTS, THE CONTRACTOR SHALL DETERMINE THE LOCATION OF THE POST BETWEEN THE PROPOSED DUAL PIPE CULVERTS. ADJACENT POST SPACING SHALL BE OFFSET ACCORDING TO THE DIMENSIONS SHOWN ON THE WOOD FENCE DETAILS SHEET.

NOTE 1: SEE EROSION & SEDIMENT CONTROL SHEET FOR DIMENSIONS



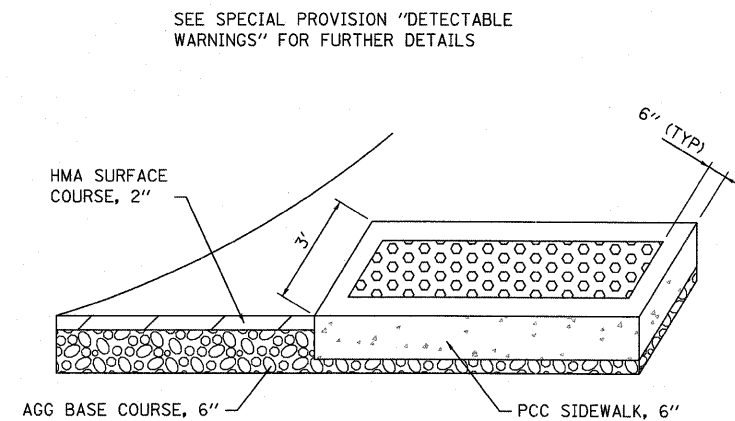
**INTERSECTION DETAIL**

STA. 10+00 AND STA. 23+75 LT  
(NOT TO SCALE)



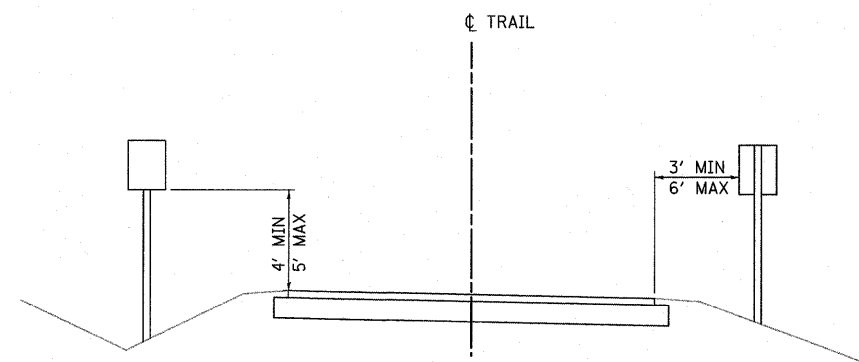
**SIGN SPECIAL DETAIL**

(NOT TO SCALE)



**DETECTABLE WARNING DETAIL**

(NOT TO SCALE)



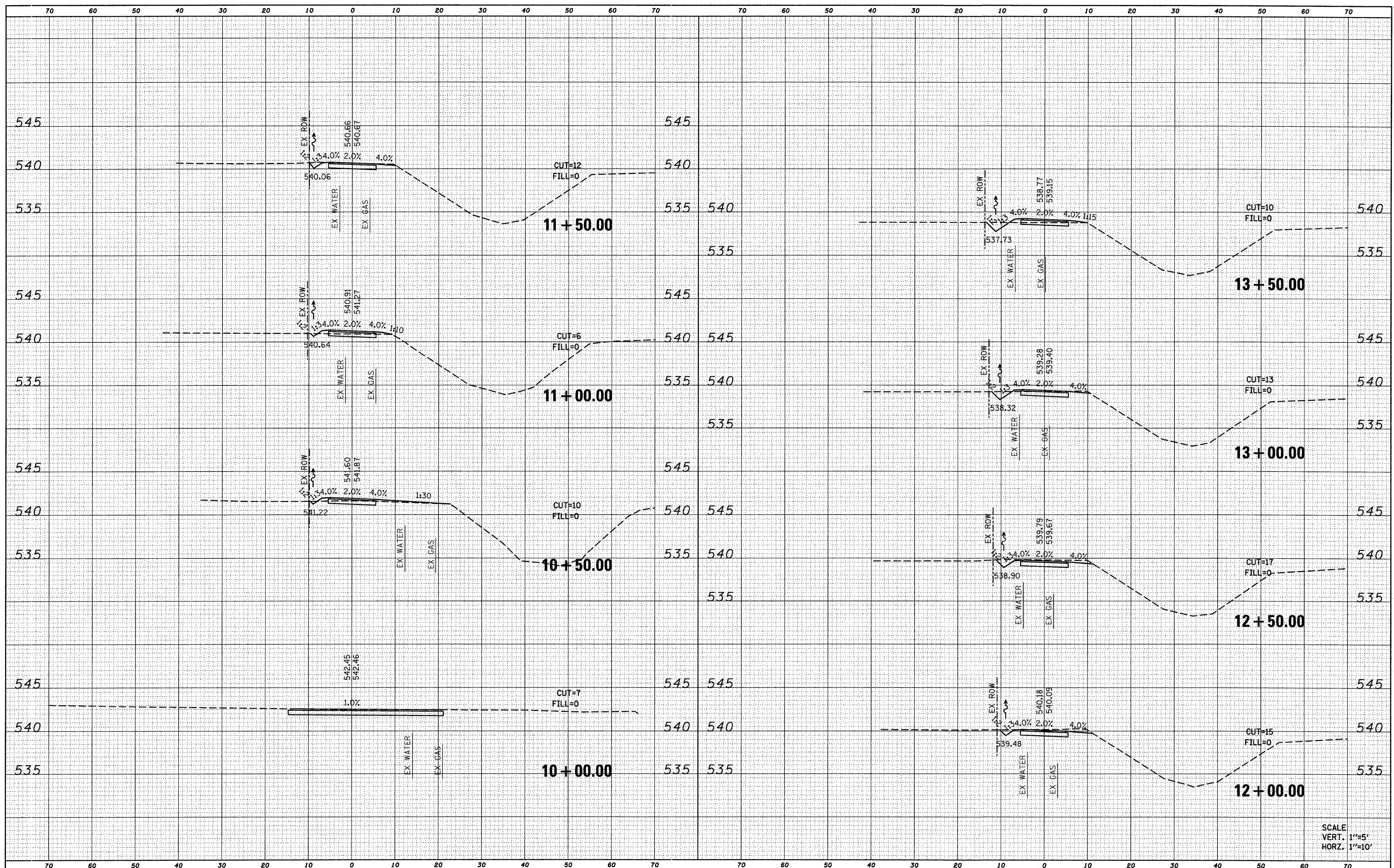
**SIGN PLACEMENT DETAIL**

(NOT TO SCALE)

FILE NAME = DB10096-ahd-details.dgn	USER NAME = randj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CONSTRUCTION DETAILS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME = 8:37:58 AM	DRAWN -	REVISED -					10-00064-00-BT	MADISON	18	13	
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -		SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	SPORTSMAN ROAD TRAIL	CONTRACT NO. 97482		
	PLOT DATE = 11/10/2011	DATE -	REVISED -							ILLINOIS FED. AID PROJECT		

DATE	
BY	
NO.	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



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

FILE NAME =  
DB10096-ahf-xaht.dgn

USER NAME = randy  
PLOT TIME = 4:17:14 PM  
PLOT SCALE = 10.0000' / IN.  
PLOT DATE = 11/30/2011

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

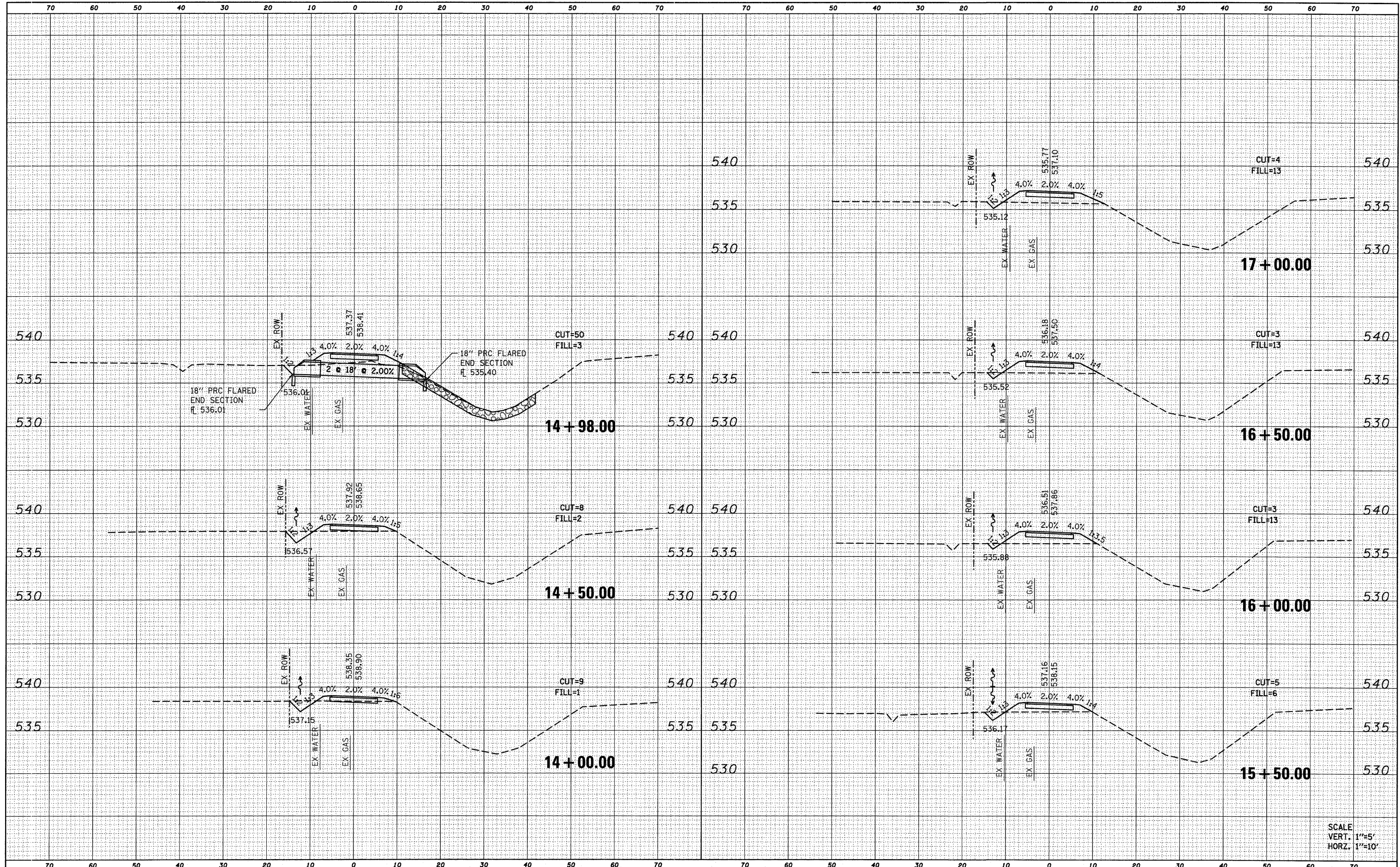
CROSS SECTIONS

SCALE: SHEET NO. 1 OF 5 SHEETS STA. 10+00.00 TO STA. 13+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00064-00-BT	MADISON	18	14
SPORTSMAN ROAD TRAIL		CONTRACT NO. 97482		
ILLINOIS FED. AID PROJECT				

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

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



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

FILE NAME =  
0810096-ah1-xssht.dgn

USER NAME = randy	DESIGNED -	REVISED -
PLOT TIME = 4:17:15 PM	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -
PLOT DATE = 11/30/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

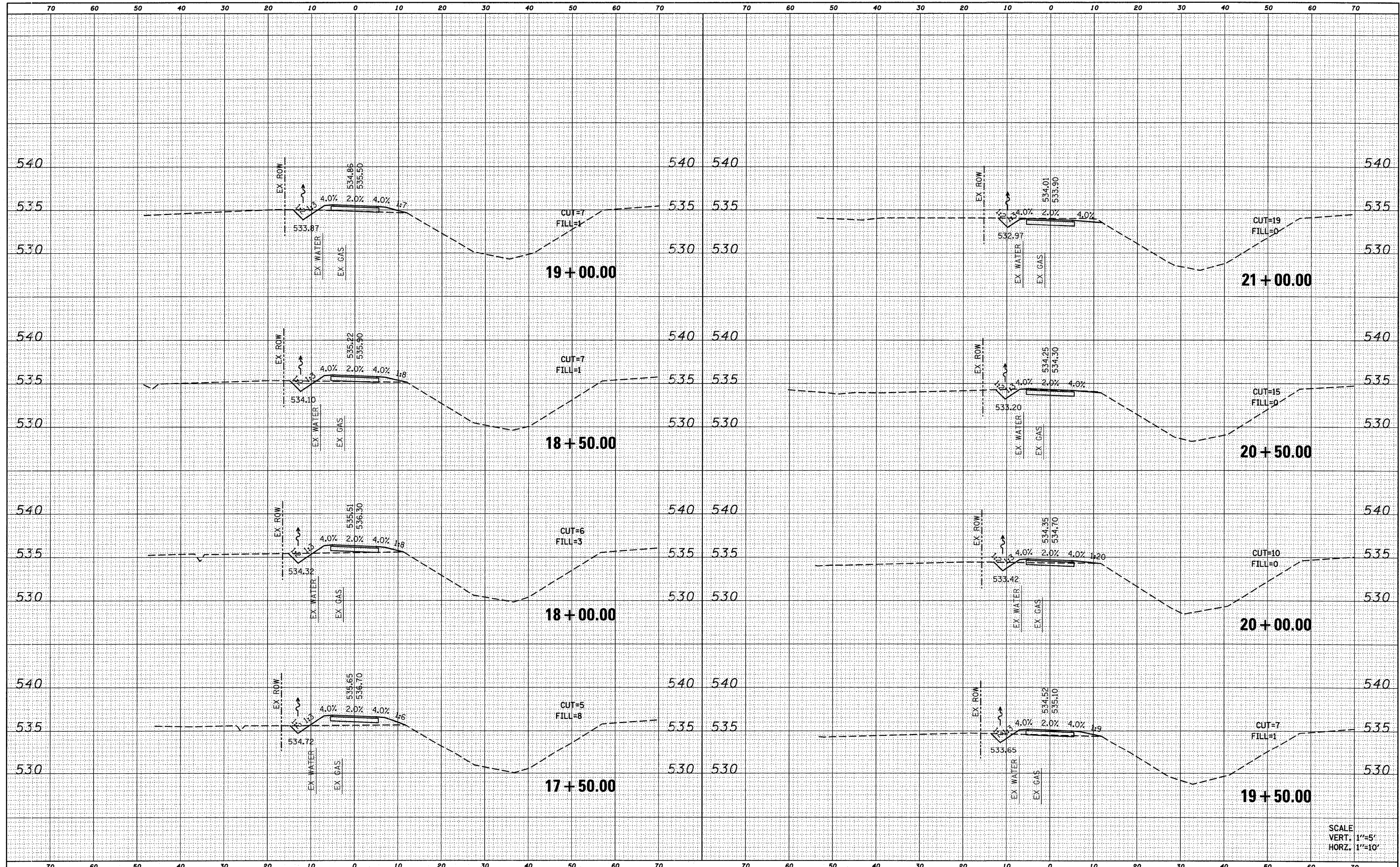
CROSS SECTIONS

SCALE: SHEET NO. 2 OF 5 SHEETS STA. 14+00.00 TO STA. 17+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00064-00-BT	MADISON	18	15
SPORTSMAN ROAD TRAIL		CONTRACT NO. 97482		
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



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

FILE NAME = DB10096-ht-xshst.dgn

USER NAME = randy  
PLOT TIME = 4:17:16 PM  
PLOT SCALE = 10.0000' / IN.  
PLOT DATE = 11/30/2011

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

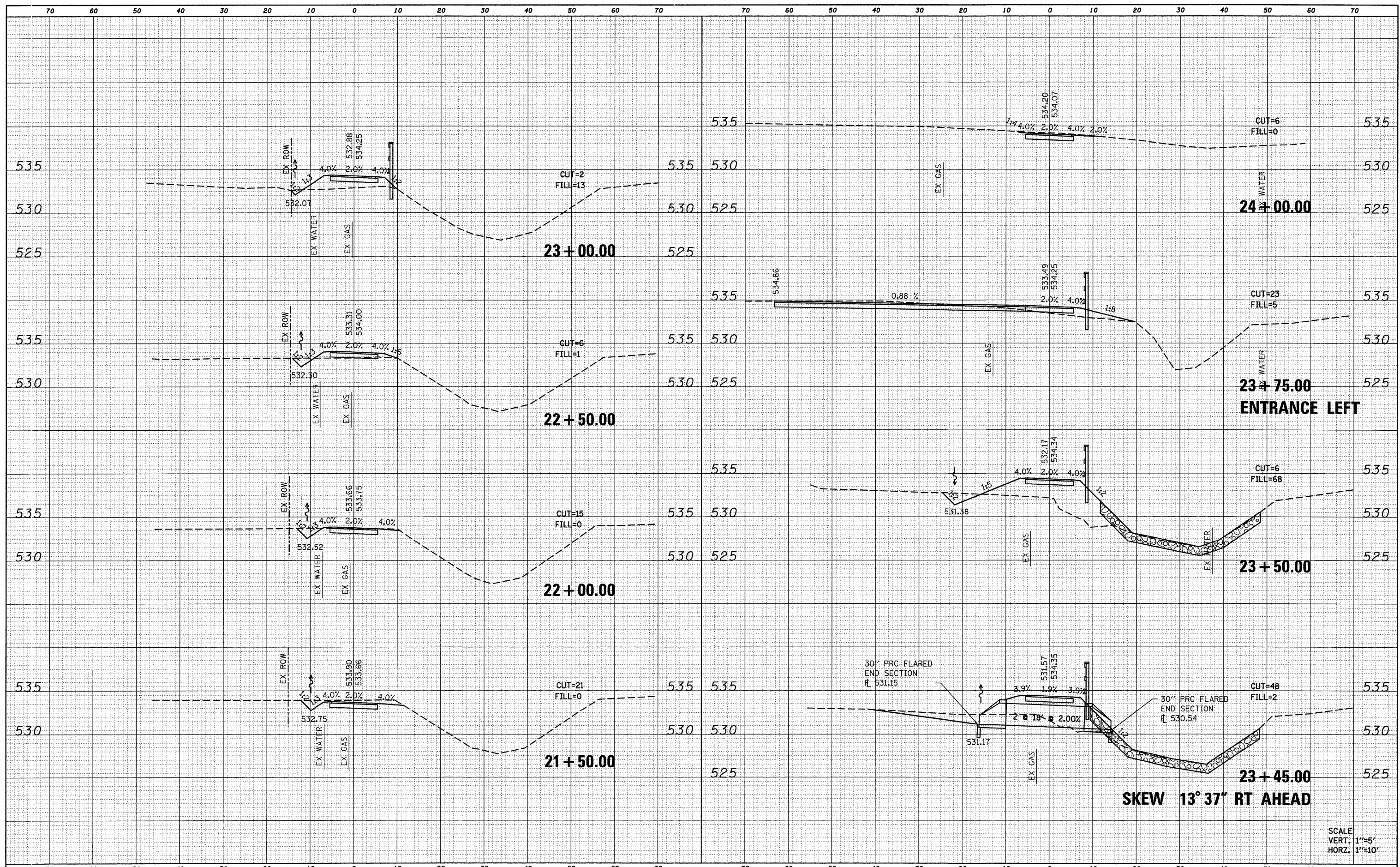
SCALE: SHEET NO. 3 OF 5 SHEETS STA. 17+50.00 TO STA. 21+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00064-00-BT	MADISON	18	16
SPORTSMAN ROAD TRAIL			CONTRACT NO. 97482	
ILLINOIS FED. AID PROJECT				



DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_



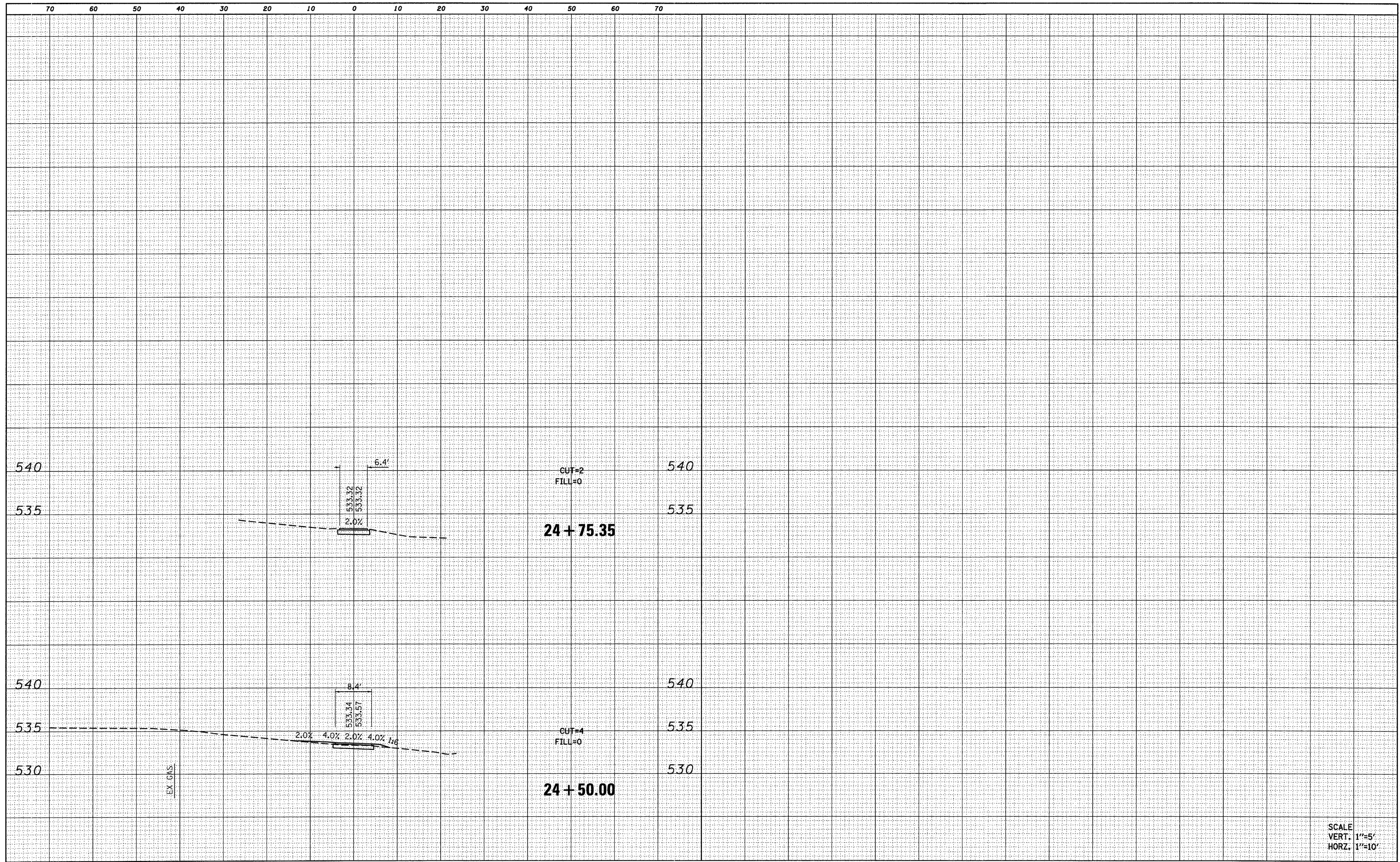
**SKEW 13° 37" RT AHEAD**

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

FILE NAME = DB10096-ah1-xssht.dgn	USER NAME = randy	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME = 4:17:16 PM	DRAWN -	REVISED -		SCALE:	SHEET NO. 4 OF 5 SHEETS	STA. 21+50.00 TO STA. 24+00.00	10-00064-00-BT	MADISON	18	17
	PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -				SPORTSMAN ROAD TRAIL	CONTRACT NO. 97482			
	PLOT DATE = 11/30/2011	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

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

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



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

FILE NAME = 0810096-sht-xssht.dgn

USER NAME = randy  
PLOT TIME = 4:17:17 PM  
PLOT SCALE = 10.0000' / IN.  
PLOT DATE = 11/30/2011

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: SHEET NO. 5 OF 5 SHEETS STA. 24+50.00 TO STA. 24+75.35

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00064-00-BT	MADISON	18	18
SPORTSMAN ROAD TRAIL		CONTRACT NO. 97482		
ILLINOIS FED. AID PROJECT				