

PLANS FOR PROPOSED MORRIS BIKE TRAIL

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE
 SECTION: 10-00006-01-BT
 MADISON COUNTY
 PROJECT: TE-00D8 (183)
 JOB NO.: C-98-328-11

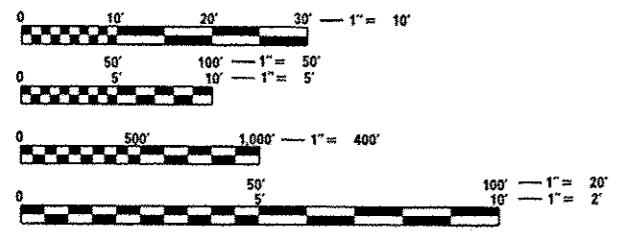
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00006-01-BT	MADISON	33	1
FEDERAL AID PROJECT	ILLINOIS	CONTRACT NO. 97499		

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6	TYPICAL SECTIONS
7-8	SCHEDULES
9-11	PLAN & PROFILE SHEETS
12	PLAN & PROFILE SHEET - CONNECTOR TRAIL
13	TRAFFIC CONTROL PLAN
14-16	EROSION & SEDIMENT CONTROL SHEETS
17-18	PAVEMENT MARKING & SIGNING PLAN
19	TRAFFIC SIGNAL PLAN
20	INTERSECTION & CORNER ISLAND DETAILS
21-23	CONSTRUCTION DETAILS
24-31	CROSS SECTIONS - MORRIS TRAIL
32-33	CROSS SECTIONS - CONNECTOR TRAIL

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
424031	MEDIAN PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTIONS FOR PIPE CULVERTS
602401-03	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS TYPE 1
606201-02	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
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
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
780001-03	TYPICAL PAVEMENT MARKINGS
782001	PRISMATIC CURB REFLECTORS
814001-02	HANDHOLES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
BLR21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS



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.

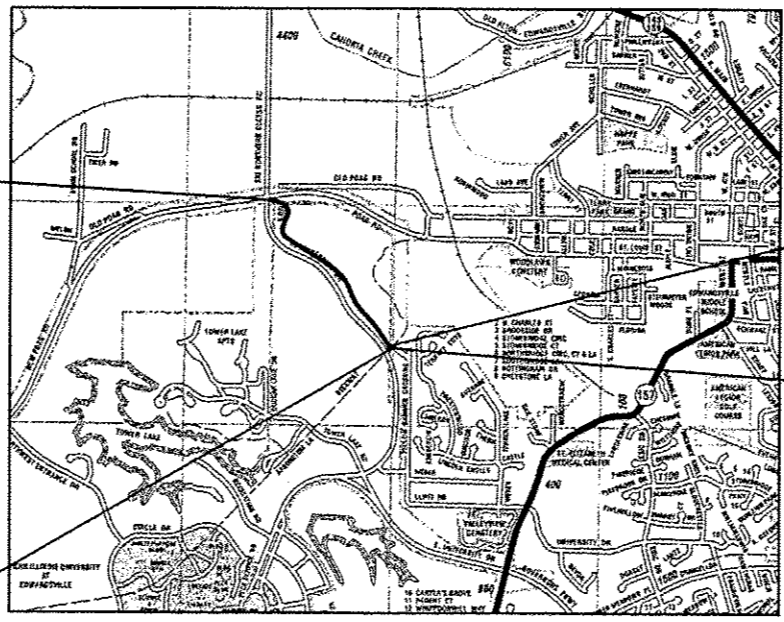
J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

END MORRIS TRAIL
 STA. 46 + 97.28

BEGIN MORRIS TRAIL
 STA. 10 + 02.07

BEGIN CONNECTOR TRAIL
 STA. 100 + 00.00

END CONNECTOR TRAIL
 STA. 100 + 80.00



LOCATION MAP
 SCALE 1" = 2,000'

MORRIS TRAIL LENGTH = 3,695.21 FT. = 0.700 MILE
 CONNECTOR TRAIL LENGTH = 80.00 FT. = 0.015 MILE
 NET LENGTH = 3,775.21 FT. = 0.715 MILE



Tom L. Cissell, P.E. 5/29/12
 Date
 License Expires 11/30/2013

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	5/25/12 DATE
<i>Kenneth Neher</i> KENNETH NEHER, VICE CHANCELLOR OF ADMINISTRATION	
PASSED	6-8-12 DATE
<i>Thomas Lee Cissell III</i> DISTRICT & PROJECT IMPLEMENTATION ENGINEER	
RELEASING FOR BID BASED ON LIMITED REVIEW	6-8-12 DATE
<i>James Osborn</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 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 1660
 St. Louis, MO 63101
 tel 314.588.8381
 fax 314.588.9605

www.oatesassociates.com

DESIGN DESIGNATION
 CLASSIFICATION = SHARED-USE PATH
 DESIGN SPEED = 20 MPH

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 OF THE STATE OF ILLINOIS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	8
20100500	TREE REMOVAL, ACRES	ACRE	0.7
20200100	EARTH EXCAVATION	CU YD	3,810
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	215
S 20800150	TRENCH BACKFILL	CU YD	13
* S 21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	15,589
* S 25000115	SEEDING, CLASS 1B	ACRE	3.3
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	297
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	297
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	297
* 25100115	MULCH, METHOD 2	ACRE	6.6
* 25100630	EROSION CONTROL BLANKET	SQ YD	2,070
* 25100900	TURF REINFORCEMENT MAT	SQ YD	208
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	330

NOTES:

- S SEE PROJECT SPECIFIC SPECIAL PROVISION
- * SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
28000305	TEMPORARY DITCH CHECKS	FOOT	144
28000400	PERIMETER EROSION BARRIER	FOOT	475
28000500	INLET AND PIPE PROTECTION	EACH	7
28100105	STONE RIPRAP, CLASS A3	SQ YD	88
28200200	FILTER FABRIC	SQ YD	88
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	6,691
30201500	LIME	TON	124.0
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	6,472
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,428
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	52
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	1,022
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	98
S 42400800	DETECTABLE WARNINGS	SQ FT	62
S 44003100	MEDIAN REMOVAL	SQ FT	215

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
50105220	PIPE CULVERT REMOVAL	FOOT	250
S 542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	28
S 542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	30
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	80
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	5
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2
54215550	METAL END SECTIONS 15"	EACH	4
S 550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	67
S 60100905	PIPE DRAINS 4"	FOOT	61
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	12.8
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	27
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	19
S 60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	35

NOTES:

- S SEE PROJECT SPECIFIC SPECIAL PROVISION
- SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
67100100	MOBILIZATION	L SUM	1
72000100	SIGN PANEL - TYPE 1	SO FT	45.3
73000100	WOOD SIGN SUPPORT	FOOT	258
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8,635
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	7
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	20
* 78200300	PRISMATIC CURB REFLECTOR	EACH	7
78300100	PAVEMENT MARKING REMOVAL	SO FT	40
• 81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	210
• 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	15
• 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
• 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	650
• 87900200	DRILL EXISTING HANDHOLE	EACH	1
• 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	640

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* S 89502380	REMOVE EXISTING HANDHOLE	EACH	1
S Z0004002	BOLLARDS	EACH	9
S Z0005300	BOX CULVERTS TO BE CLEANED	EACH	1
S Z0036200	PAINT CURB	FOOT	30
* A2001016	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	17
* A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	23
* A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6
* A2007616	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	EACH	14
S X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SO FT	55
S X6063000	CONCRETE GUTTER, TYPE B (SPECIAL)	FOOT	425
S X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
S X7200105	SIGN PANEL - TYPE I (SPECIAL)	SO FT	6.3
S X7240500	RELOCATE EXISTING SIGNS	EACH	2
S XX001683	INFORMATION KIOSK	EACH	1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
S XX006910	TREE PROTECTION, SPECIAL	EACH	60
S XX008684	BIOSWALE	SO FT	635

NOTES:
S SEE PROJECT SPECIFIC SPECIAL PROVISION
* SPECIALTY ITEM

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

FILE NAME *
0829073-sh1-500.dgn

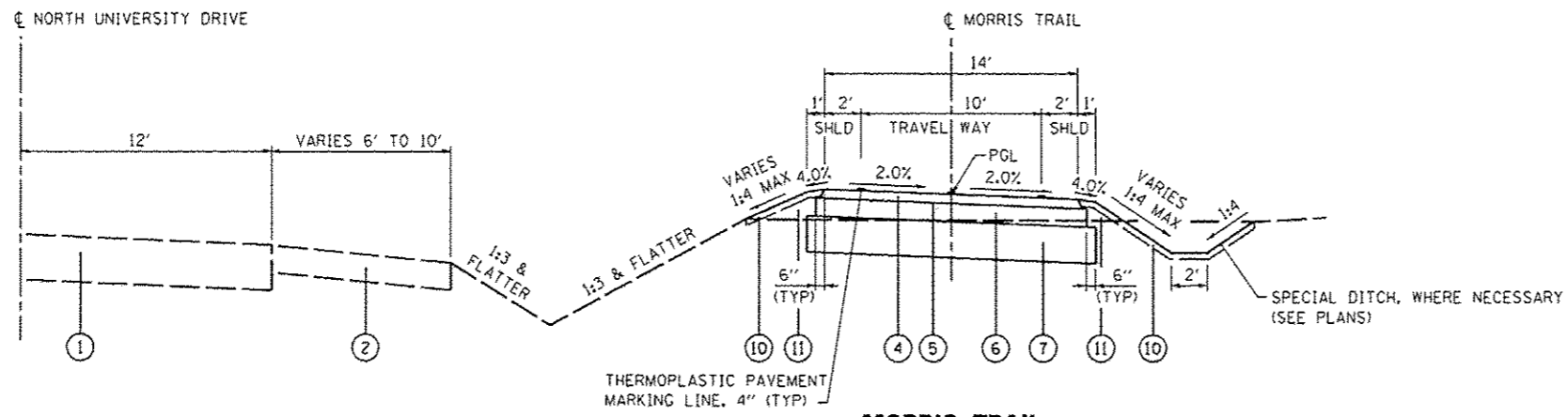
USER NAME * randy
PLOT TIME * 10/01/03 AM
PLOT SCALE * 40.0000' / IN.
PLOT DATE * 6/11/2012

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

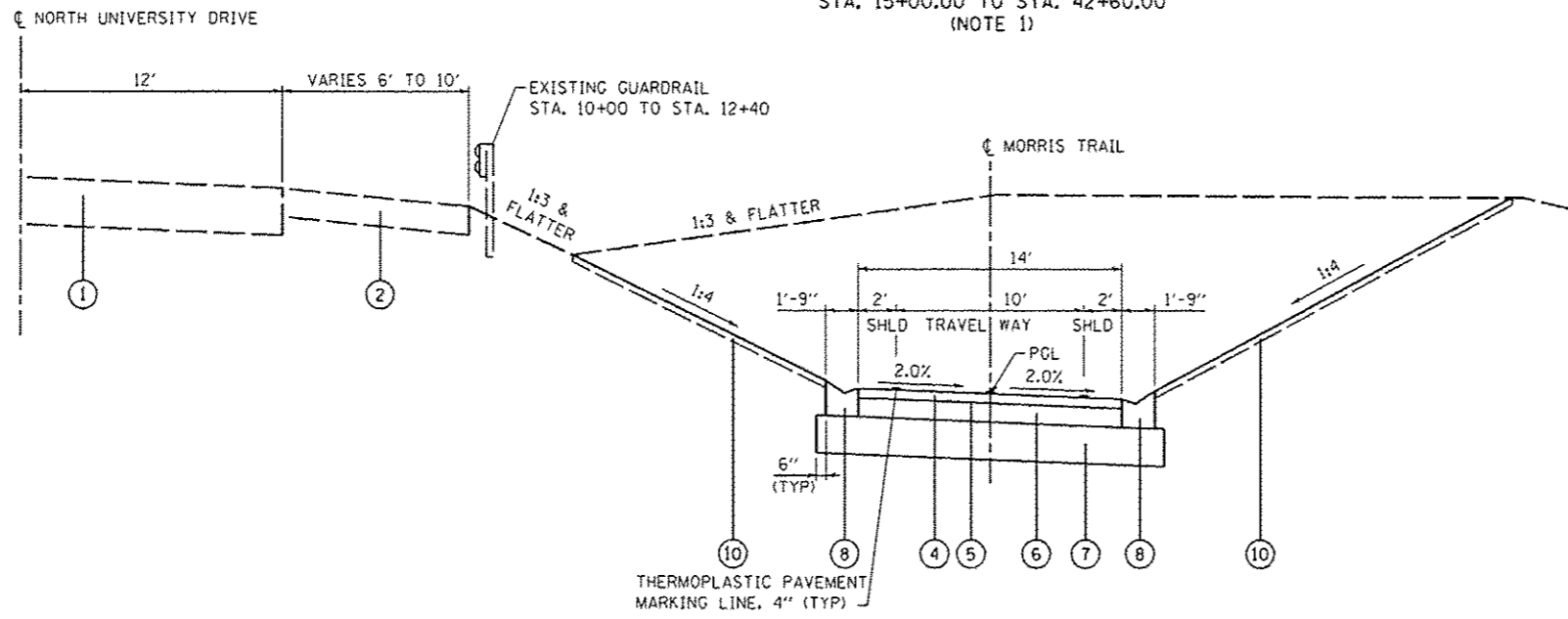
SCALE: NTS SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION 10-00006-01-BT	COUNTY MADISON	TOTAL SHEETS 33	SHEET NO. 5
MORRIS TRAIL			CONTRACT NO. 97499	
ILLINOIS FED. AID PROJECT				



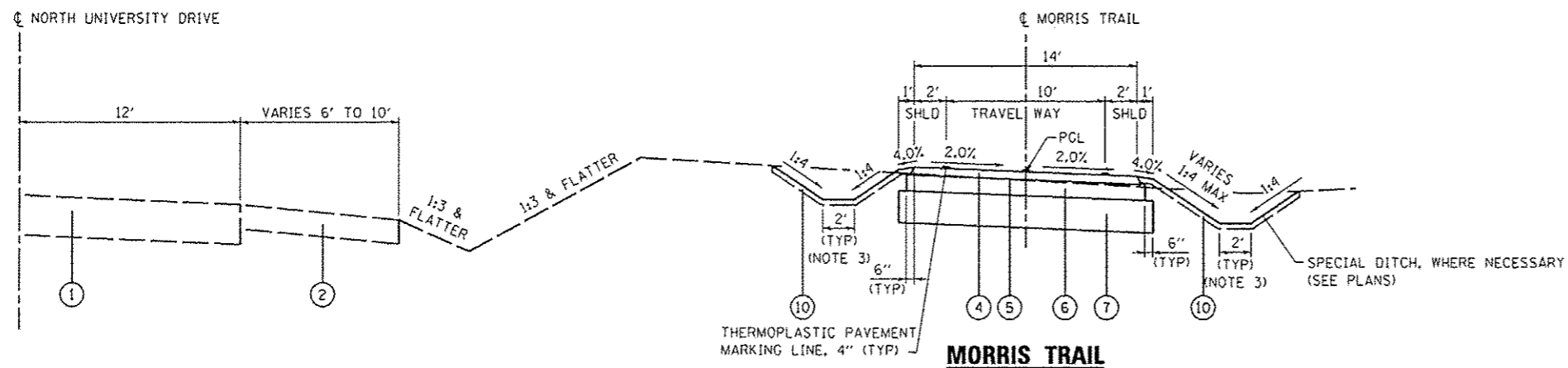
MORRIS TRAIL

STA. 15+00.00 TO STA. 42+60.00
(NOTE 1)



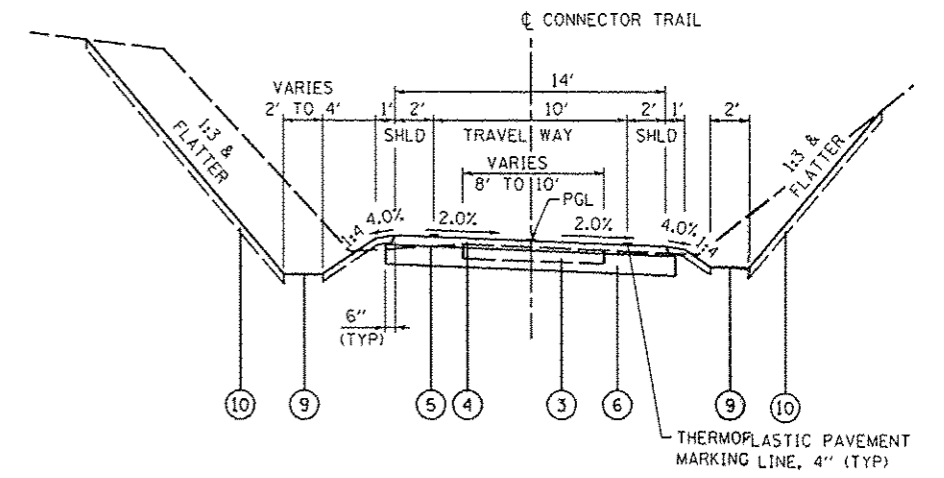
MORRIS TRAIL

STA. 10+50.00 TO STA. 13+25.00



MORRIS TRAIL

STA. 10+02.07 TO STA. 10+50.00
STA. 13+25.00 TO STA. 15+00.00
STA. 42+60.00 TO STA. 46+97.28



CONNECTOR TRAIL

STA. 100+00.00 TO STA. 100+80.00
(LOCATED AT SOUTH PROJECT TERMINUS)

TYPICAL SECTION LEGEND

- ① EXISTING PAVEMENT
- ② EXISTING SHOULDER
- ③ EXISTING AGGREGATE
- ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30
- ⑤ BITUMINOUS MATERIALS PRIME COAT
- ⑥ PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- ⑦ PROPOSED PROCESSED LIME MODIFIED SOILS, 12"
- ⑧ PROPOSED CONCRETE GUTTER, TYPE B (SPECIAL) (SEE CONSTR DETAILS)
- ⑨ PROPOSED BIOSWALE (NOTE 2)
- ⑩ PROPOSED COMPOST FURNISH AND PLACE, 2"
- ⑪ PROPOSED EMBANKMENT (INCLUDED IN COST OF EARTH EXCAVATION)

NOTE 1: SEE CONSTR DETAILS FOR HMA BINDER COURSE PLACEMENT AT PROPOSED ENTRANCES.
NOTE 2: SEE PLAN & PROFILE SHEET - CONNECTOR TRAIL AND SPECIAL PROVISIONS FOR DETAILS.
NOTE 3: DITCH WIDTH IS 4' FROM STA. 10+02.07 TO STA. 10+50.00 WITH PROPOSED BIOSWALE. SEE PLAN & PROFILE SHEET - CONNECTOR TRAIL

HOT-MIX ASPHALT MIXTURE TABLE		
MIXTURE USE	HMA SURFACE COURSE	HMA BINDER COURSE
THICKNESS	3"	3"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	15%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=30	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5L	IL-19.0
FRICTION AGG	MIXTURE "C"	MIXTURE "B"
DENSITY TEST METHOD	NUCLEAR	NUCLEAR

EARTHWORK SCHEDULE

STATION	STATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	REM & DISP UNS MATL
		(CU YD)	(NOTE 1) (CU YD)	(NOTE 2) (CU YD)	(NOTE 3) (CU YD)	(NOTE 4) (CU YD)
MORRIS TRAIL						
10+02	46+97	3,360	2,520	1,630	890	
29+65	34+95					215
CONNECTOR TRAIL						
100+00	101+40	450	340	0	340	
TOTAL		3,810	2,860	1,630	1,230	215

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 25%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.
- NOMINAL THICKNESS OF 6 IN.

SEEDING SCHEDULE

STATION	STATION	OFFSET	COMPOST F & P 2	SEEDING CL 1B	NITROGEN FERT NUTR	PHOSPHORUS FERT NUTR	POTASSIUM FERT NUTR	MULCH METHOD 2	TEMP EROS CONTR SEED
			(SO YD)	(ACRE)	(POUND)	(POUND)	(POUND)	(NOTE 2) (ACRE)	(NOTE 1) (POUND)
MORRIS TRAIL									
10+02	46+97	LT	5,222	1.1	99	99	99	2.2	110
10+02	46+97	RT	10,000	2.1	189	189	189	4.2	210
CONNECTOR TRAIL									
100+00	100+80	RT	367	0.1	9	9	9	0.2	10
TOTAL			15,589	3.3	297	297	297	6.6	330

SEEDING NOTES:

- THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES ONE APPLICATION AT A RATE OF 100 POUNDS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.
- ONE APPLICATION OF MULCH METHOD 2 SHALL BE USED FOR EACH APPLICATION OF TEMPORARY EROSION CONTROL SEEDING AND PERMANENT SEEDING.

PAVEMENT SCHEDULE

STATION	STATION	NOTES	PROCESS MOD SOIL I2	LIME	AGG BASE CSE A 6	BIT MATLS PR CT	HMA SC "C" N30	PC CONC SIDEWALK 6	DETECTABLE WARNINGS
			(SQ YD)	(NOTE 2) (TON)	(SQ YD)	(NOTE 2) (GAL)	(NOTE 2) (TON)	(SQ FT)	(SQ FT)
MORRIS TRAIL									
10+02	13+25		683	12.7	519	195	87	51	32
13+25	28+54	NOTE 1	2,719	50.4	2,549	956	400		
29+01	33+48	NOTE 1	793	14.7	744	279	117		
33+94	46+97		2,330	43.2	2,199	825	345	47	30
CONNECTOR TRAIL									
100+00	100+80				137	51	21		
TOTAL			6,525	121.0	6,148	2,306	970	98	62

PAVEMENT NOTES:

- SEE THE ENTRANCE SCHEDULE FOR PAVEMENT OMISSIONS AT PROPOSED ENTRANCES.
- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:
 BITUMINOUS MATERIALS PRIME COAT 0.375 GAL/SY
 LIME 37 LB/SY
 HOT-MIX ASPHALT 112 LBS/SY/INCH THICKNESS

ENTRANCE SCHEDULE

STATION	O/S	ENTRANCE WIDTH "W"	PROCESS MOD SOIL I2	LIME	AGG BASE CSE A 6	BIT MATLS PR CT	HMA BC IL-19.0 N70	HMA SC "C" N30
		(FOOT)	(SQ YD)	(NOTE 1) (TON)	(SQ YD)	(NOTE 1) (GAL)	(NOTE 1) (TON)	(NOTE 1) (TON)
MORRIS TRAIL								
28+81	PE LT	16	83	1.5	168	63	27	27
33+71	PE LT	16	83	1.5	166	59	25	25
TOTAL			166	3.0	324	122	52	52

ENTRANCE NOTES:

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:
 BITUMINOUS MATERIALS PRIME COAT 0.375 GAL/SY
 LIME 37 LB/SY
 HOT-MIX ASPHALT 112 LBS/SY/INCH THICKNESS

CURB & GUTTER / MEDIAN SCHEDULE

STATION	STATION	OFFSET	MEDIAN REMOVAL	CLASS SI CONC OUTLET	COMB CC&G TB6.24	COMB CC&G TM6.06	CONC MEDIAN SURF 4	PC CONC SIDEWALK 4 SP	CONC GUTTER TB SPL
			(NOTE 1) (SQ FT)	(CU YD)	(FOOT)	(FOOT)	(SQ FT)	(SQ FT)	(FOOT)
MORRIS TRAIL									
10+50		LT		3.2					
10+50		RT		3.2					
10+82	12+94	LT							210
10+82	12+94	RT							215
13+25		LT		3.2					
13+25		RT		3.2					
CORNER ISLAND									
			215		27	19	35	55	
TOTAL			215	12.8	27	19	35	55	425

CURB & GUTTER / MEDIAN NOTES:

- MEDIAN REMOVAL INCLUDES THE REMOVAL OF ADJACENT PAVEMENT AND CONC CURB & GUTTER.

SIGNING SCHEDULE

STATION	OFFSET	TYPE	SIZE (FT x FT)	SIGN PANEL T1 (SQ FT)	SIGN PANEL T1 SPL (SQ FT)	WOOD SIN SUPPORT (NOTE 1) (FOOT)	RELOC EX SIGNS (EACH)
MORRIS TRAIL							
12+00	13' LT	W2-4	1.5 x 1.5	2.25		13	
12+00	13' LT	W16-2op	1.5 x 0.75	1.13			
28+50	13' LT	R5-3	2 x 2	4.00		13	
28+60	13' LT	R1-2	1.5 x 1.5	2.25		13	
28+94	40' LT	R1-1	1.5 x 1.5	2.25		13	
29+05	13' RT	R5-3	2 x 2	4.00		13	
33+45	13' LT	R5-3	2 x 2	4.00		13	
33+55	16' LT	R1-2	1.5 x 1.5	2.25		13	
33+90	32' LT	R1-1	1.5 x 1.5	2.25		13	
33+98	13' RT	R5-3	2 x 2	4.00		13	
42+50	12' RT	W1-2L	1.5 x 1.5	2.25		13	
43+00	12' RT	W3-1	1.5 x 1.5	2.25		13	
43+00	12' RT	W16-2op	1.5 x 0.75	1.13			
46+45	12' RT	SPL	1.5 x 1.5		2.25	13	
46+60	12' LT	R5-3	2 x 2	4.00		13	
46+75	12' RT	R1-1	1.5 x 1.5	2.25		13	
46+85	RT	R1-1				13	1
CORNER ISLAND							
		R1-1				13	1
CONNECTOR TRAIL							
100+30	11' LT	W12-SPL	2 x 2		4.00	13	
100+35	13' RT	D1-1bL	3 x 0.5	1.50		12	
100+45	10' RT	D1-1bR	2.5 x 0.5	1.25		12	
100+80	13' LT	R1-2	1.5 x 1.5	2.25		13	
TOTAL				45.3	6.3	258	2

SIGNING NOTES:

- SEE CONSTR DETAILS FOR ADDITIONAL GUIDANCE ON SIGN PLACEMENT.

PAVEMENT MARKING SCHEDULE

STATION	STATION	OFFSET	THPL PVT MK LINE 4 (FOOT)	THPL PVT MK LINE 12 (FOOT)	THPL PVT MK LINE 24 (FOOT)	PRISMATIC CURB REFL (EACH)	PAVT MARKING REMOVAL (SQ FT)	PAINT CURB (FOOT)
MORRIS TRAIL								
9+95	46+98	LT	3,615					
10+07	46+75	RT	3,685	7				
10+23	10+73	CL	50					
10+73	46+24	CL	950					
46+24	46+74	CL	50					
CORNER ISLAND								
			122		20	7	40	30
CONNECTOR TRAIL								
100+00	100+80	RT	80					
100+00	100+50	CL	50					
100+00	100+33	LT	33					
TOTAL			8,635	7	20	7	40	30

TREE SCHEDULE

STATION	STATION	OFFSET	NOTES	TREE REMOV 6 - 15 (UNIT)	TREE REMOV ACRES (ACRE)	T-ACER RUBRM 2 (EACH)	T-QUERCUS ALBA 2 (EACH)	T-QUERCUS MACR 2 (EACH)	T-TAXODIUM DIS 2 (EACH)	TREE PROTECT. SPECIAL (EACH)
MORRIS TRAIL										
15+00	18+15	LT/RT			0.25					
15+25	17+75	22' RT	25' O.C.				11			11
20+25	24+95	LT/RT			0.30					
21+00	22+25	22' RT	25' O.C.					6		6
22+50	24+00	22' RT (NOTE 1)	25' O.C.						7	7
24+50	26+00	22' RT (NOTE 1)	25' O.C.						7	7
29+30	33+30	27' RT	25' O.C.			17				17
37+50	40+25	22' LT	25' O.C.				12			12
44+57		1' RT		8						
CONNECTOR TRAIL										
99+80	101+40	LT			0.10					
99+80	100+95	RT			0.05					
TOTAL				8	0.70	17	23	6	14	60

TREE NOTES:

- PROPOSED TREES SHALL BE PLACED AT THE SPECIFIED OFFSET EXCEPT IN AREAS WHERE INTERFERING WITH PROPOSED DITCHING. IN THESE AREAS, THE TREES SHALL BE PLACED AT THE TOP OF THE DITCH BACK SLOPE AS DIRECTED BY THE ENGINEER.

DATE	
BY	
PROJECT	
ALIGNED	
NOTED	
NO.	

DATE	
BY	
PROFILE	
NOTED	
NO.	

FILE NAME	0829873-shr-plnprf.dgn
USER NAME	randy
PLOT TIME	10:02:05 AM
PLOT SCALE	100.0000 / IN.
PLOT DATE	6/11/2012

PROP. CURVE 1
 PI STA. = 11+12.14
 $\Delta = 15^\circ 13' 33''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 66.83'$
 $L = 132.87'$
 $E = 4.45'$
 P.C. STA. = 10+45.31
 P.T. STA. = 11+78.18

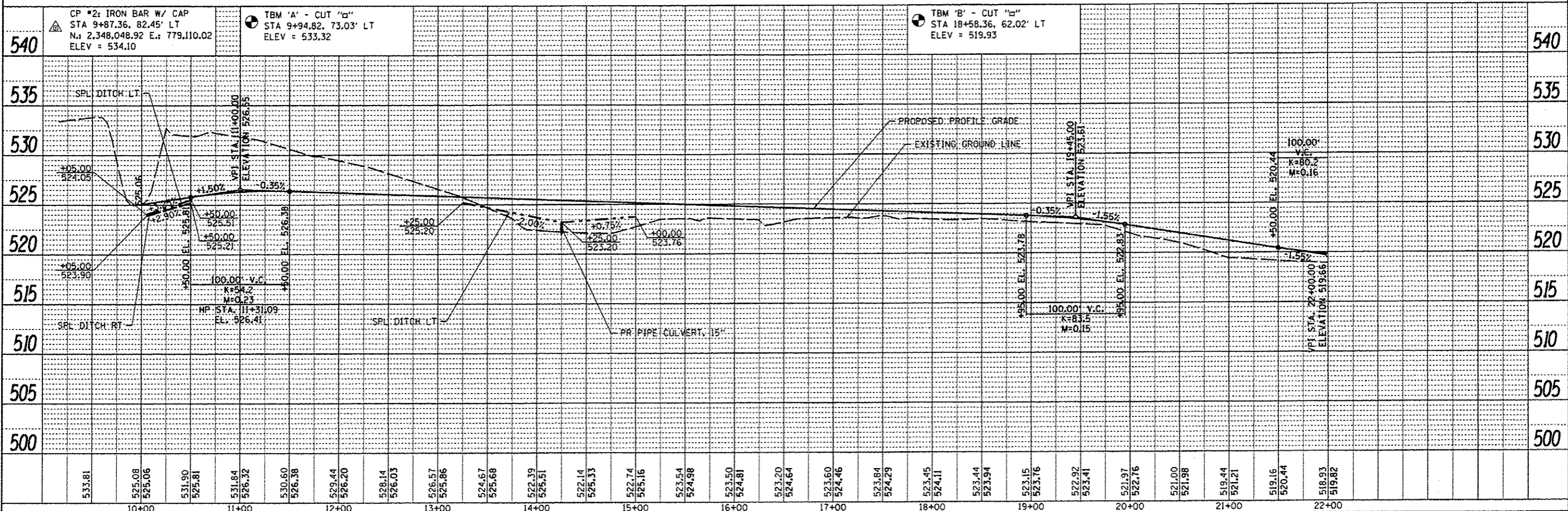
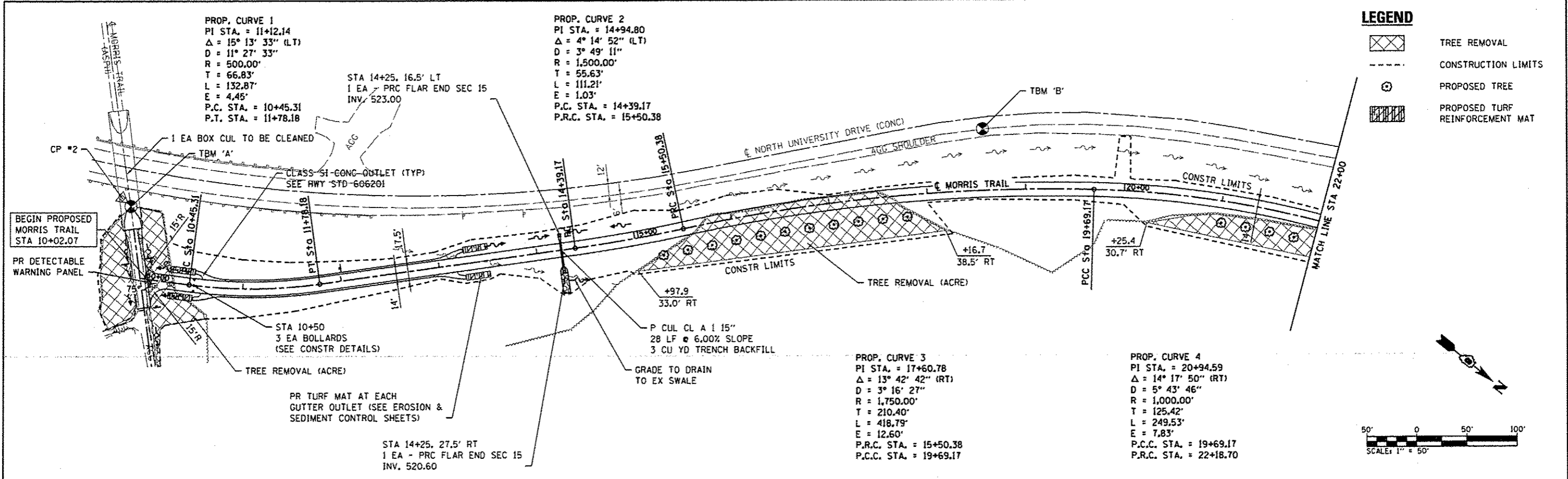
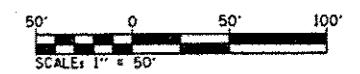
PROP. CURVE 2
 PI STA. = 14+94.80
 $\Delta = 4^\circ 14' 52''$ (LT)
 $D = 3^\circ 49' 11''$
 $R = 1,500.00'$
 $T = 55.63'$
 $L = 111.21'$
 $E = 1.03'$
 P.C. STA. = 14+39.17
 P.R.C. STA. = 15+50.38

PROP. CURVE 3
 PI STA. = 17+60.78
 $\Delta = 13^\circ 42' 42''$ (RT)
 $D = 3^\circ 16' 27''$
 $R = 1,750.00'$
 $T = 210.40'$
 $L = 418.79'$
 $E = 12.60'$
 P.R.C. STA. = 15+50.38
 P.C.C. STA. = 19+69.17

PROP. CURVE 4
 PI STA. = 20+94.59
 $\Delta = 14^\circ 17' 50''$ (RT)
 $D = 5^\circ 43' 46''$
 $R = 1,000.00'$
 $T = 125.42'$
 $L = 249.53'$
 $E = 7.83'$
 P.C.C. STA. = 19+69.17
 P.R.C. STA. = 22+18.70

LEGEND

- TREE REMOVAL
- CONSTRUCTION LIMITS
- PROPOSED TREE
- PROPOSED TURF REINFORCEMENT MAT



FILE NAME	0829873-shr-plnprf.dgn	USER NAME	randy	DESIGNED	TLC	REVISED	-	STATE OF ILLINOIS	PLAN & PROFILE SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT TIME	10:02:05 AM	DRAWN	RCV	REVISED	-	DEPARTMENT OF TRANSPORTATION			SCALE: 1"=50'	SHEET NO. 1 OF 3 SHEETS	MORRIS TRAIL	MADISON	33	9
PLOT SCALE	100.0000 / IN.	CHECKED	-	REVISED	-	SHEET NO. 1 OF 3 SHEETS			STA. 10+00 TO STA. 22+00	ILLINOIS FED. AID PROJECT		CONTRACT NO.	97499	
PLOT DATE	6/11/2012	DATE	-	REVISED	-									

STA 24+04.3, 21.8' LT
STORM SEW CL A I 15"
16 LF @ 3.00% SLOPE
1 EA - PRC FLAR END SEC 15
INV. 516.02

PROP. CURVE 5
PI STA. = 23+88.46
 $\Delta = 12^\circ 54' 50''$ (LT)
 $D = 3^\circ 49' 11''$
R = 1,500.00'
T = 169.76'
L = 338.08'
E = 9.58'
P.R.C. STA. = 22+18.70
P.C.C. STA. = 25+56.78

PROP. CURVE 6
PI STA. = 26+11.59
 $\Delta = 12^\circ 30' 38''$ (LT)
 $D = 11^\circ 27' 33''$
R = 500.00'
T = 54.81'
L = 109.18'
E = 2.99'
P.R.C. STA. = 25+56.78
P.C.C. STA. = 26+65.96

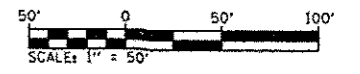
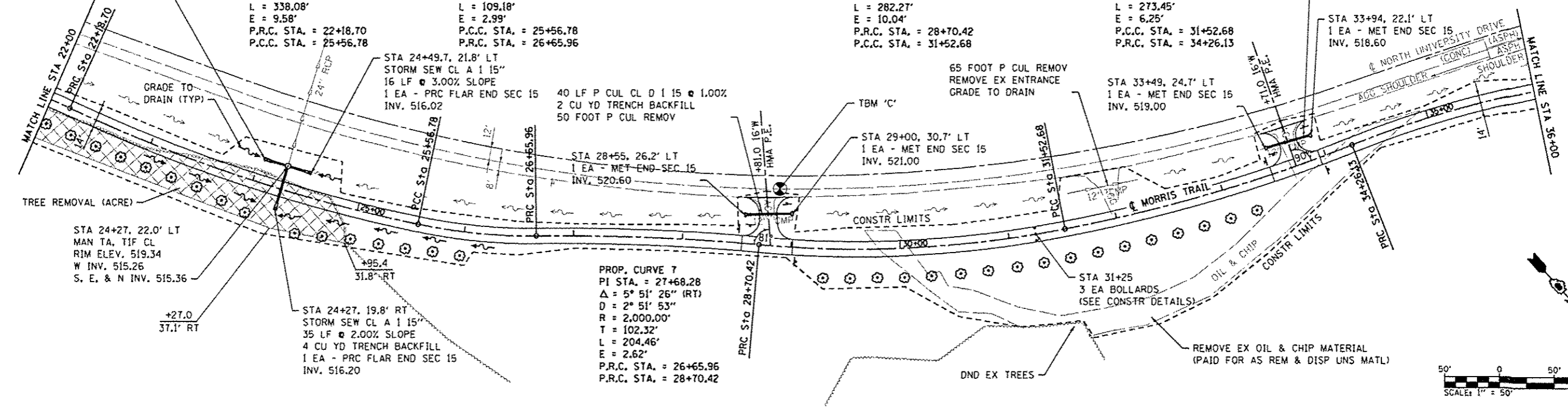
PROP. CURVE 8
PI STA. = 30+12.49
 $\Delta = 16^\circ 10' 22''$ (LT)
 $D = 5^\circ 43' 46''$
R = 1,000.00'
T = 142.08'
L = 282.27'
E = 10.04'
P.R.C. STA. = 28+70.42
P.C.C. STA. = 31+52.68

PROP. CURVE 9
PI STA. = 32+89.79
 $\Delta = 10^\circ 26' 42''$ (LT)
 $D = 3^\circ 49' 11''$
R = 1,500.00'
T = 137.10'
L = 273.45'
E = 6.25'
P.C.C. STA. = 31+52.68
P.R.C. STA. = 34+26.13

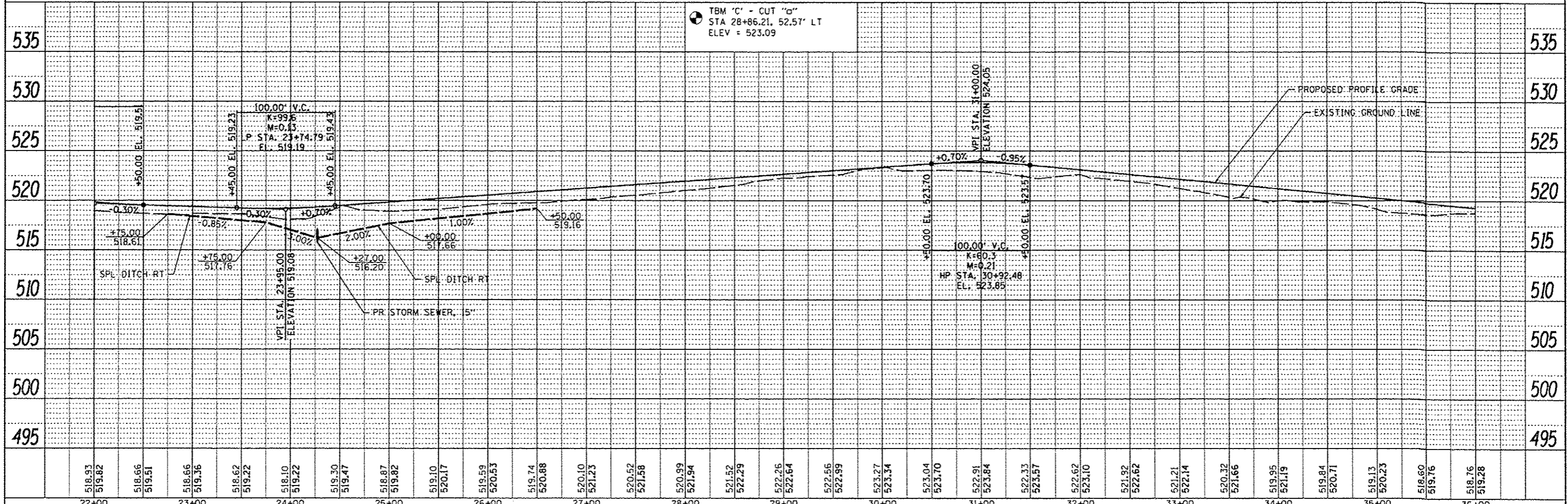
LEGEND

- TREE REMOVAL
- CONSTRUCTION LIMITS
- PROPOSED TREE

DATE	
BY	
REVISIONS	
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REVISIONS	
NO.	



FILE NAME 0829873-shc-plnprf.dgn	USER NAME randy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE SHEETS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME 3:57:24 PM	DRAWN -	REVISED -		SCALE: 1"=50'			10-00006-01-BT	MADISON	33	10	
	PLOT SCALE 100,0000 / IN.	CHECKED -	REVISED -		SHEET NO. 2 OF 3 SHEETS			MORRIS TRAIL				
	PLOT DATE 5/30/2012	DATE -	REVISED -		STA. 22+00 TO STA. 36+00						CONTRACT NO. 97499	ILLINOIS FED. AID PROJECT

LEGEND

- CONSTRUCTION LIMITS
- ⊙ PROPOSED TREE
- ▨ PROPOSED TURF REINFORCEMENT MAT

55 FOOT P CUL REMOVE
REMOVE EX ENTRANCE
GRADE TO DRAIN

40 FOOT P CUL REMOVE
REMOVE EX ENTRANCE
GRADE TO DRAIN

PROP. CURVE 10
PI STA. = 36+25.83
Δ = 22° 35' 12" (RT)
D = 5° 43' 46"
R = 1,000.00'
T = 199.70'
L = 394.21'
E = 19.75'
P.R.C. STA. = 34+26.13
P.C.C. STA. = 38+20.34

PROP. CURVE 11
PI STA. = 39+59.93
Δ = 31° 11' 47" (RT)
D = 11° 27' 33"
R = 500.00'
T = 139.59'
L = 272.24'
E = 19.12'
P.C.C. STA. = 38+20.34
P.C.C. STA. = 40+92.58

PROP. CURVE 12
PI STA. = 42+02.77
Δ = 47° 34' 11" (RT)
D = 22° 55' 06"
R = 250.00'
T = 110.18'
L = 207.56'
E = 23.20'
P.C.C. STA. = 40+92.58
P.R.C. STA. = 43+00.14

PROP. CURVE 13
PI STA. = 45+12.16
Δ = 86° 35' 49" (LT)
D = 25° 27' 53"
R = 225.00'
T = 212.02'
L = 340.07'
E = 84.15'
P.R.C. STA. = 43+00.14
P.T. STA. = 46+40.21

STA 46+75.6, 20.6' LT
1 EA - PRC FLAR-END SEC 30
INV. 488.99

STA 46+85
3 EA BOLLARDS
(SEE CONSTR DETAILS)

CLEAR BRUSH AS NECESSARY
(NOT MEASURED FOR PAYMENT)

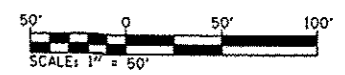
PR TURF MAT (SEE EROSION &
SEDIMENT CONTROL SHEETS)

TREE SAPLING
REMOVAL
(INCLUDED IN
EARTH EX)

P CUL CL A 1 30"
30 LF @ 1.00% SLOPE
15° 11' SKEW LT AHEAD
2 CU YD TRENCH BACKFILL

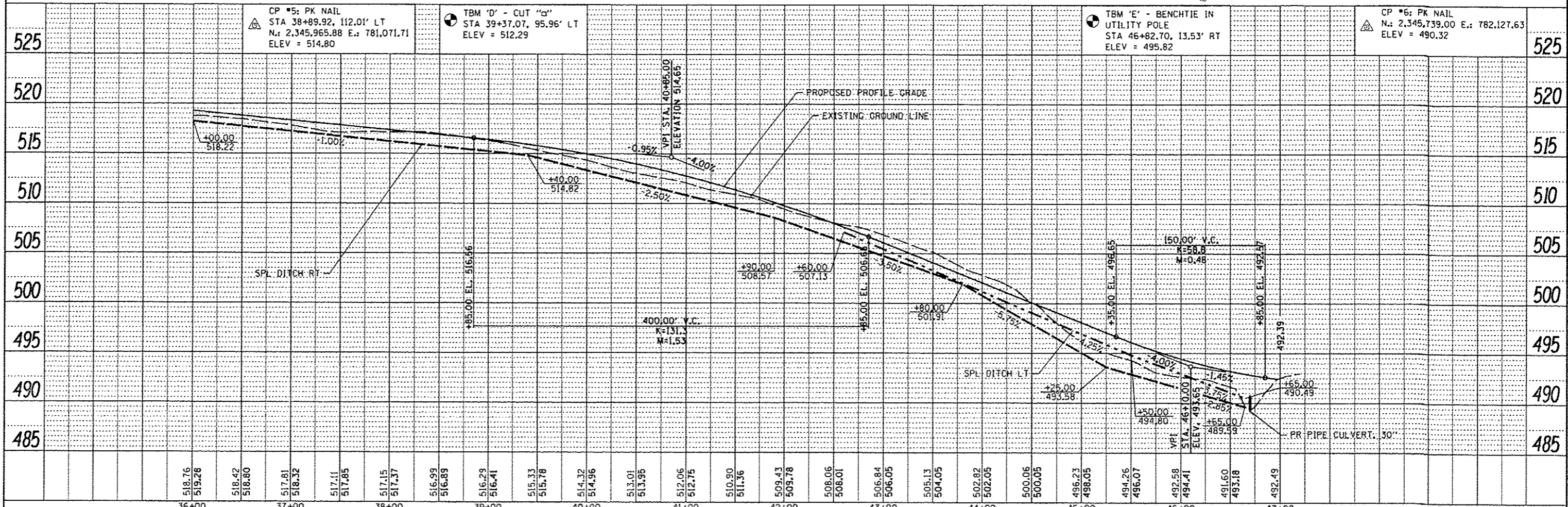
STA 46+64.4, 20.8' RT
1 EA - PRC FLAR END SEC 30
INV. 489.42

END PROPOSED
MORRIS TRAIL
STA 46+97.28



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DATE	
BY	
DESCRIPTION	

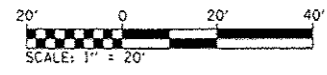
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REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	



FILE NAME 0829073-shr-plnprf.dgn	USER NAME randy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN & PROFILE SHEETS				F.A. RTE.	SECTION 10-00006-01-BT	COUNTY MACISON	TOTAL SHEETS 33	SHEET NO. 11			
	PLOT TIME 3:42:58 PM	DRAWN -	REVISED -							SCALE: 1"=50'	SHEET NO. 3 OF 3 SHEETS	STA. 36+00	TO STA. 46+97.28	CONTRACT NO. 97499		ILLINOIS FED. AID PROJECT	
	PLOT SCALE 1/8"=1'-0"	CHECKED -	REVISED -														
	PLOT DATE 5/30/2012	DATE -	REVISED -														

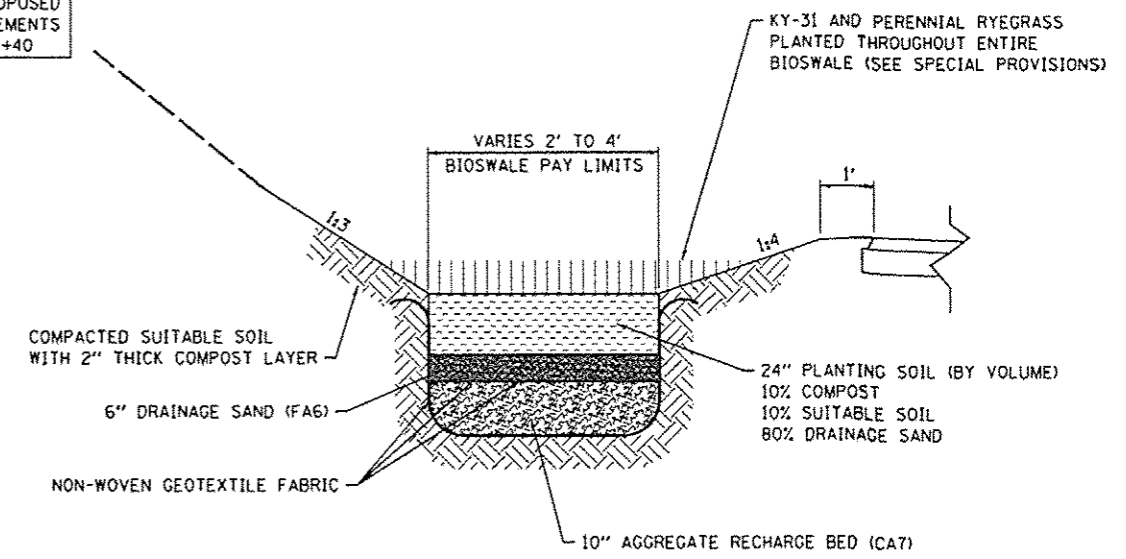
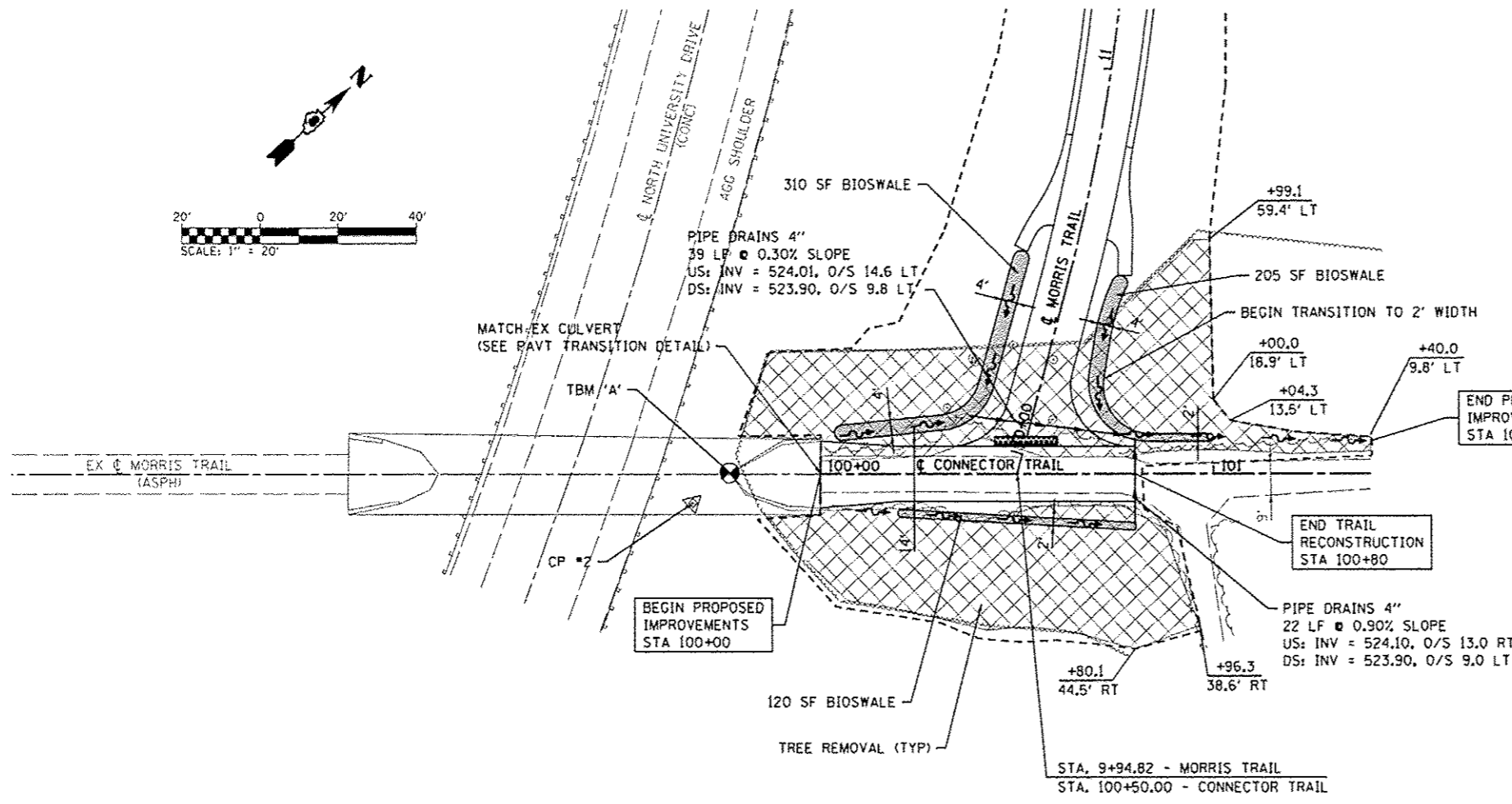
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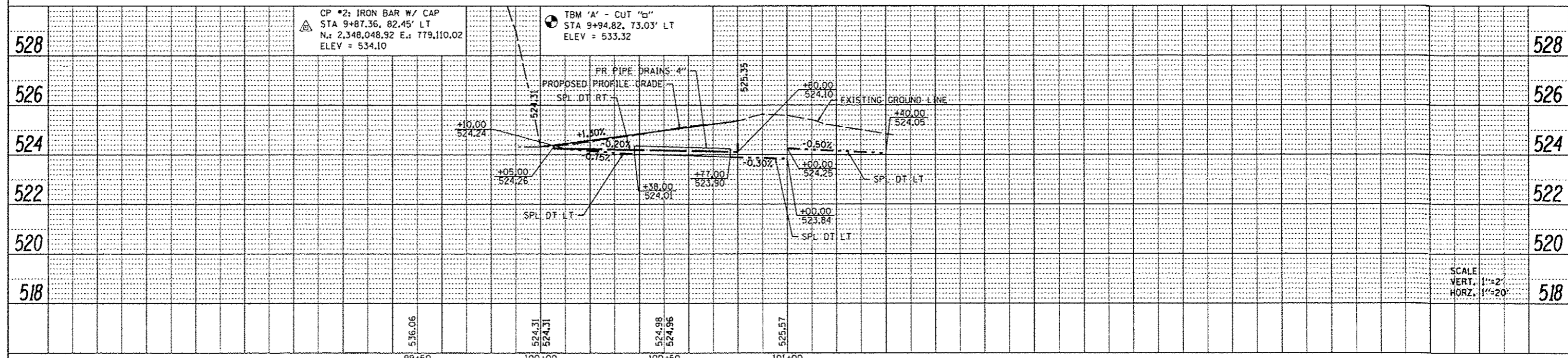


LEGEND

- TREE REMOVAL
- CONSTRUCTION LIMITS
- PROPOSED BIOSWALE
- PROPOSED DETECTABLE WARNING PANEL



BIOSWALE DETAIL
(NOT TO SCALE)



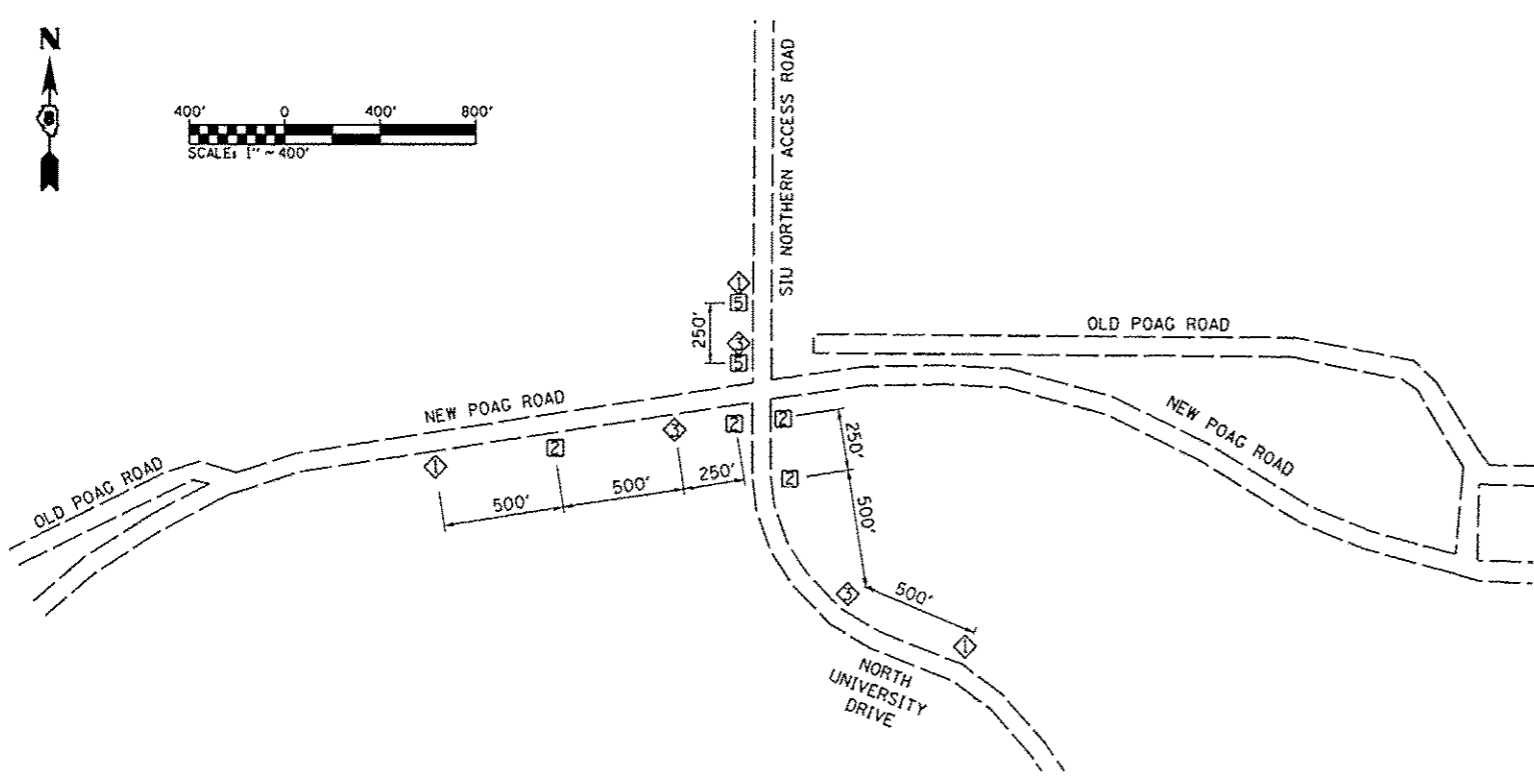
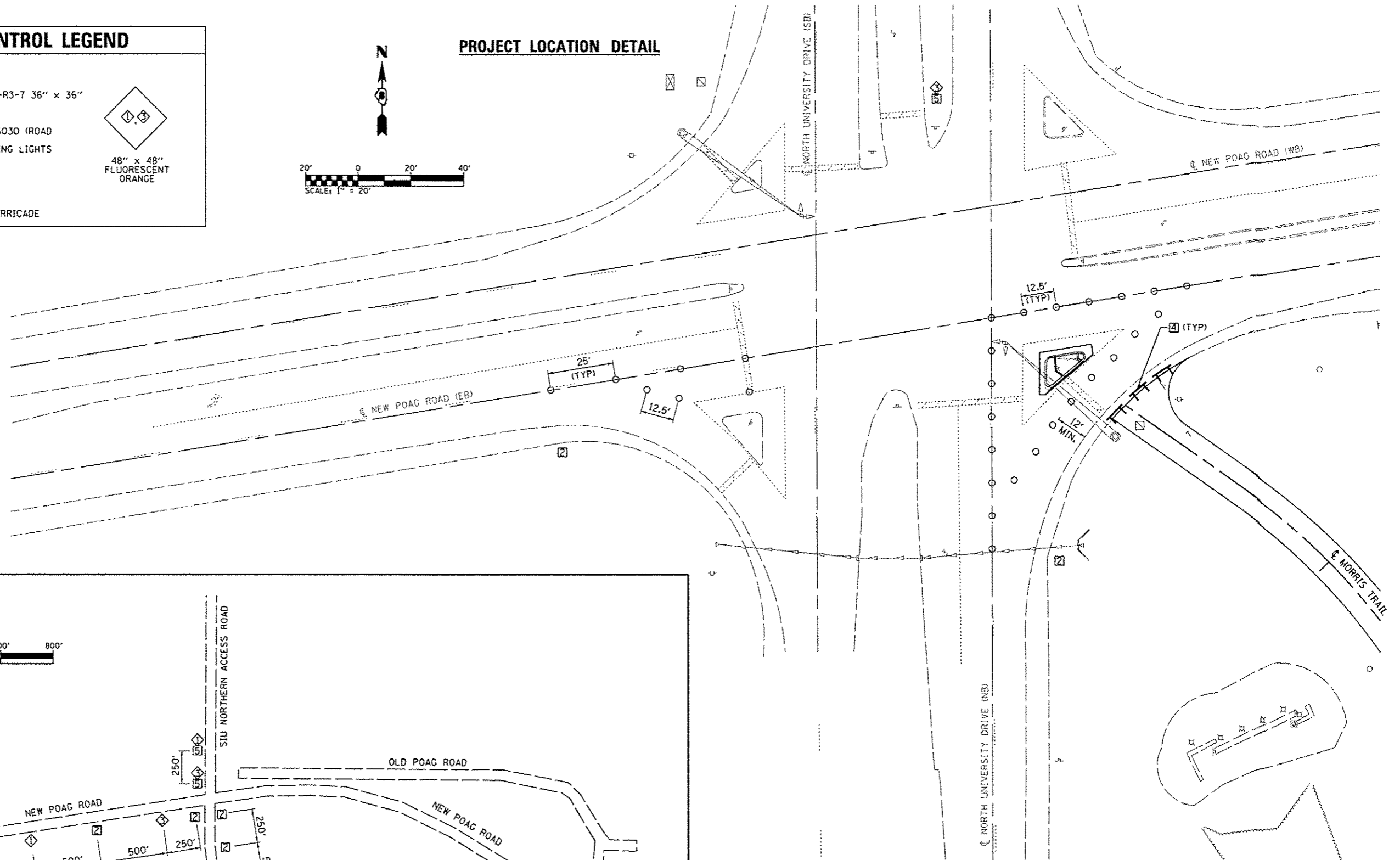
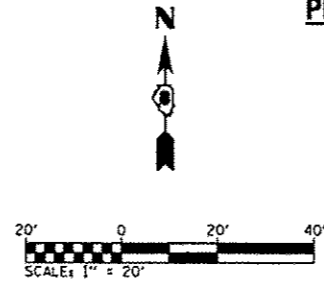
FILE NAME * 0829873-sht-bio-swale.dgn	USER NAME * randy	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN & PROFILE SHEET - CONNECTOR TRAIL		F.A. RTE.	SECTION 10-00006-01-BT	COUNTY MADISON	TOTAL SHEETS 33	SHEET NO. 12
	PLOT TIME * 1:44:22 PM			SCALE: 1" = 20'		SHEET NO. 1 OF 1 SHEETS		STA. 100+00 TO STA. 101+40		CONTRACT NO. 97499		
	PLOT SCALE * 40.0000 / IN.			ILLINOIS FED. AID PROJECT								
	PLOT DATE * 5/30/2012											

TRAFFIC CONTROL LEGEND

- ◇ ROAD WORK AHEAD-W20-1-48
- ⊠ RIGHT LANE MUST TURN RIGHT-R3-7 36" x 36"
- ⊠ WORKERS-W21-1a(O)-48
- ⊠ TYPE III BARRICADES, R-11-2-6030 (ROAD CLOSED) SIGNS, AND TYPE A LOW INTENSITY FLASHING LIGHTS
- ⊠ 24" x 24" BARRICADES
- CONE, DRUM, OR BARRICADE



PROJECT LOCATION DETAIL



TRAFFIC CONTROL NOTES

WHEN RE-CONSTRUCTING THE CORNER ISLAND, SET UP TRAFFIC CONTROL USING HIGHWAY STD 701701 AND ACCORDING TO THE LAYOUT SHOWN ON THIS SHEET.

THE ARROW BOARD IS NOT REQUIRED AS SHOWN ON STD 701701, HOWEVER, THE FLAGGER IS REQUIRED DURING CORNER ISLAND CONSTRUCTION OPERATIONS.

AT THE END OF EACH DAY, THE CONTRACTOR SHALL REMOVE THE CONES, DRUMS, OR BARRICADES IN THE WEST QUADRANT AND RE-LOCATE THOSE IN THE SE QUADRANT CLOSER TO THE CORNER ISLAND TO UNOBSTRUCT ALL TRAFFIC LANES. THE "RIGHT LANE MUST TURN RIGHT" SIGNS SHALL ALSO BE TAKEN DOWN DURING THIS TIME.

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

FILE NAME * 0829873-shc-staging.dgn	USER NAME * randy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN			F.A. RTE.	SECTION 10-00006-01-87	COUNTY MADISON	TOTAL SHEETS 33	SHEET NO. 13
	PLOT TIME * 11:44:45 PM	DRAWN -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	MORRIS TRAIL CONTRACT NO. 97499	
	PLOT SCALE * 40,0000' / IN.	CHECKED -	REVISED -		ILLINOIS REG. AID PROJECT							
	PLOT DATE * 5/30/2012	DATE -	REVISED -									

THE FOLLOWING NOTES SUPPLEMENT THE EROSION CONTROL PLAN, BDE 2342, AND HIGHWAY STANDARD 280001. INCORPORATION OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE VARIOUS/APPLICABLE PAY ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PROJECT NAME:

MORRIS BIKE TRAIL CONSTRUCTION - SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE
SECTION 9, TOWNSHIP 4 NORTH, RANGE 8 WEST OF THE 3RD PRINCIPAL MERIDIAN
SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE CAMPUS
EDWARDSVILLE, MADISON COUNTY, ILLINOIS 62026

OWNER NAME & ADDRESS:

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE
SUPPORTING SERVICES 1002
EDWARDSVILLE, IL 62025

DESCRIPTION:

SOIL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING AND GRUBBING, SOIL MODIFICATION, PAVEMENT, GUTTER, DRAINAGE AND FINE GRADING.

WATERSHED SOIL CLASSIFICATION: HYDROLOGIC SOIL GROUP "B".

EROSION CONTROL MEASURES SHALL INCLUDE: CONCRETE WASHOUT AREA, PERIMETER SILT FENCE, INLET AND PIPE PROTECTION, MAINTAIN AGGREGATE ROADS AND PATHS, TEMPORARY AND PERMANENT VEGETATION, EROSION CONTROL BLANKET, TURF REINFORCEMENT MAT, TEMPORARY DITCH CHECK, STONE RIPRAP, AND MULCH.

SITE AREA:

THE DISTURBED SITE IS APPROXIMATELY 4.6 ACRES.

THE SEQUENCE OF MAJOR ACTIVITIES SHALL BE AS FOLLOWS:

1. SUBMIT A NOTICE OF INTENT (NOI) TO THE IEPA.
2. DESIGNATE A VEHICLE WASTE AREA.
3. CLEAR AND GRUB.
4. INSTALL EROSION CONTROL MEASURES, INCLUDING PERIMETER SILT FENCE, DITCH CHECKS, ETC.
5. STABILIZE DENUDED AREA AND STOCKPILES WITH TEMPORARY SEEDING WITHIN 14 DAYS OF THE LAST GRADING ACTIVITY IN THAT AREA.
6. CONSTRUCT CONCRETE WASHOUT AREA.
7. INSTALL STORM SEWER.
8. INSTALL INLET PROTECTION ON NEW INLETS.
9. CONSTRUCT CONCRETE CUTTER, PAVEMENT SUBGRADE & SUBBASE, AND HMA PAVEMENT.
10. COMPLETE FINE GRADING AND INSTALL PERMANENT SEEDING AND PLANTINGS.
11. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND ALL VEGETATION IS ESTABLISHED, UPON APPROVAL BY THE SIUo STORM WATER MANAGER AND/OR PROJECT ENGINEER, REMOVE ALL EROSION CONTROL MEASURES, AND RESEED ANY AREAS DISTURBED BY THEIR REMOVAL.
12. SUBMIT A NOTICE OF TERMINATION (NOT) TO THE IEPA.

NAME OF RECEIVING WATERS:

ALL STORM WATER DISCHARGE FROM THIS PROJECT IS DIRECTED TO AN UNNAMED TRIBUTARY TO CAHOKIA CREEK.

OFFSITE VEHICLE TRACKING:

THE EXISTING AGGREGATE ENTRANCES SHALL BE UTILIZED AS CONSTRUCTION ENTRANCES TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. PAVED STREETS ADJACENT TO THE SITE SHALL BE CLEANED DAILY OR MORE FREQUENTLY AS NECESSARY. CLEANING SHALL INCLUDE SCRAPING SIGNIFICANT AMOUNTS OF SOIL AND POWER SWEEPING AS NEEDED TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE.

TIMING OF CONTROL MEASURES:

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE PERIMETER SILT FENCE SHALL BE CONSTRUCTED PRIOR TO THE CLEARING AND GRUBBING. AREAS WHERE CONSTRUCTION ACTIVITY WILL TEMPORARILY CEASE FOR MORE THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING AND MULCH.

TEMPORARY SEEDING SHALL CONSIST OF RYE OR WHEAT APPLIED AT A RATE OF 100 POUNDS PER ACRE. AFTER SEEDING, STRAW MULCH SHALL BE APPLIED AT A RATE OF 4,000 POUNDS PER ACRE AND ANCHORED BY CRIMPING.

ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA SHALL BE STABILIZED WITH PERMANENT SEEDING.

TOPSOIL AND SUBSOIL STOCKPILE AREA SHALL BE SURROUNDED BY A PERIMETER EROSION FENCE.

AFTER THE ENTIRE SITE IS STABILIZED, ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE PERIMETER SILT FENCE AND THE ITEMS SHALL BE REMOVED. A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70 PERCENT OF THE COVER FOR UNPAVED AREA NOT COVERED BY PERMANENT STRUCTURES SHALL BE ESTABLISHED FOR THE SITE TO BE FULLY STABILIZED.

THE CONTRACTOR SHALL INSPECT AND REMOVE ANY LOOSE MATERIAL THAT IS DEPOSITED IN THE FLOW LINES OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. TO ENSURE THAT THE NATURAL FLOW LINE OF WATER IS NOT OBSTRUCTED. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES, PIPING, AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.

AT THE CONCLUSION OF EACH DAY, THE CONTRACTOR SHALL INSURE POSITIVE SITE DRAINAGE TO AN AREA PROTECTED BY EROSION CONTROLS. SITE DRAINAGE MAY BE ACHIEVED BY SHEET FLOW, STORM SEWERS, DITCHING, OR PUMPING.

AT NO ADDITIONAL COST TO THE CONTRACT, TECHNIQUES - SUCH AS THE APPLICATION OF WATER - SHALL BE EMPLOYED TO PREVENT THE BLOWING OF DUST OR SEDIMENT FROM THE SITE.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS:

THE EROSION CONTROL PLAN REFLECTS THE SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL. TO ENSURE COMPLIANCE, THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND THE REQUIREMENTS OF THE NPDES PERMIT PROGRAM AND THE SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE STORM WATER MANAGEMENT PROGRAM.

NON-STORM WATER DISCHARGES

IT IS ANTICIPATED THAT SOME NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD. ALL NON-STORM WATER DISCHARGES SHALL BE DIRECTED TO THE WASHOUT AREAS PRIOR TO DISCHARGE. THE WASHOUT SHALL BE CONSTRUCTED BY THE GENERAL CONTRACTOR AS DIRECTED BY THE ENGINEER AND REMOVED BY THE GENERAL CONTRACTOR AFTER CONSTRUCTION OPERATIONS HAVE CEASED.

ANTICIPATED NON-STORM DISCHARGES EXPECTED INCLUDE VEHICLE WASH WATERS, CONCRETE TRUCK WASH WATER, PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED), AND UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION).

ALL DEWATERING ACTIVITIES MUST DISCHARGE IN AN AREA THAT CONTAINS EROSION AND SEDIMENTATION CONTROL DEVICES.

PROVIDE ONE CONCRETE WASHOUT AREA THAT IS ADEQUATELY CONSTRUCTED TO CONTAIN AND PREVENT ALL WASH WATER AND SPOILS FROM ENTERING THE STORM SYSTEM (CHANNELS, INLETS, PIPES, ETC. AND FROM SEEPING INTO THE SOIL.

PRODUCT SPECIFIC PRACTICES

THE FOLLOWING PRODUCT SPECIFIC PRACTICES SHALL BE FOLLOWED ONSITE:

1. PETROLEUM PRODUCTS:

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS, WHICH ARE CLEARLY LABELED. ANY BITUMINOUS SUBSTANCES USED ONSITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

2. FERTILIZERS:

FERTILIZERS USED SHALL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER SHALL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE SHALL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

3. INLET AND PIPE PROTECTION:

STRAW OR HAY BALES WILL NOT BE PERMITTED FOR INLET AND PIPE PROTECTION. PROTECTION SHALL BE COMPOSED OF SILT FILTER FENCE OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER.

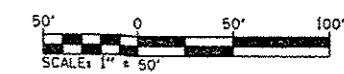
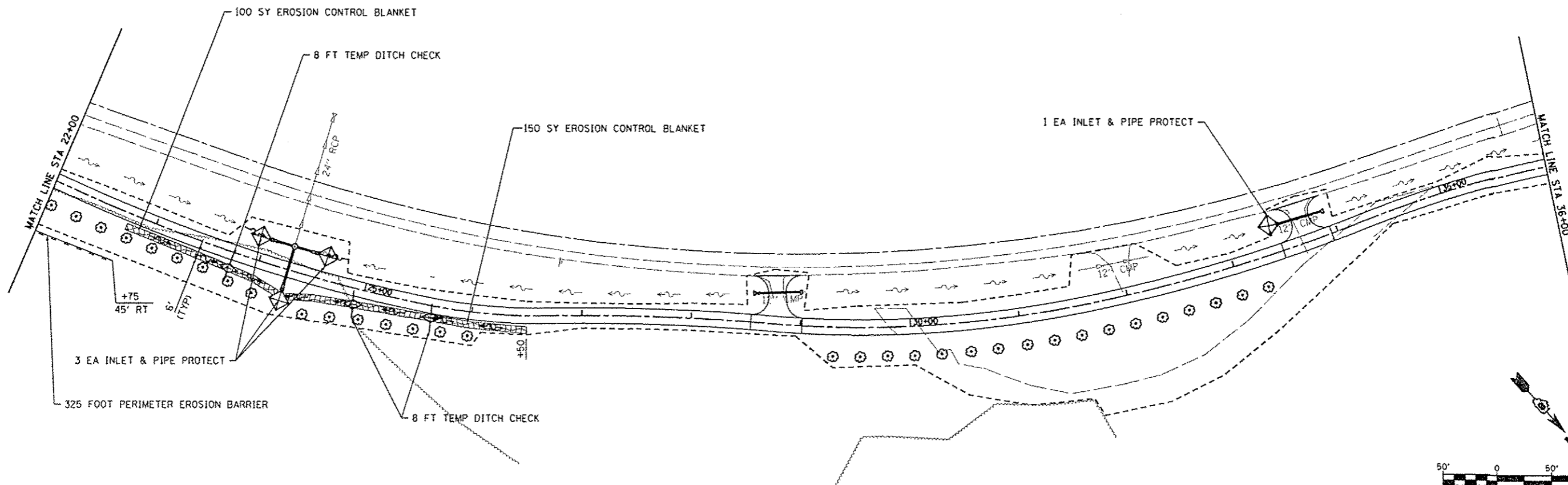
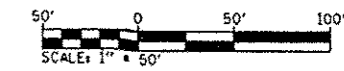
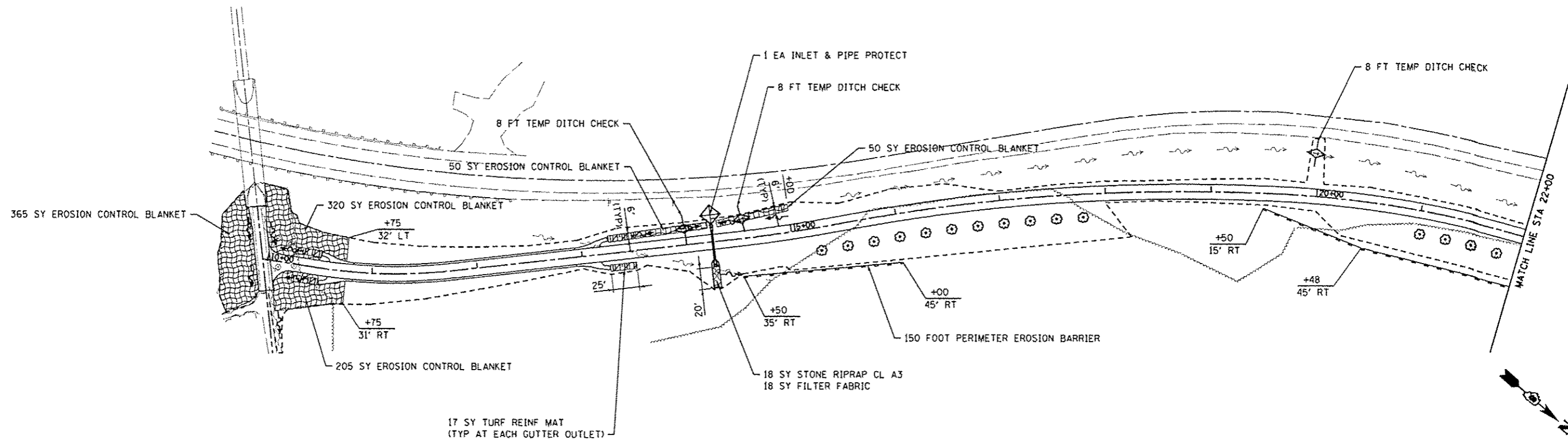
ENDANGERED SPECIES

THE ORNATE BOX TURTLE, LISTED AS A THREATENED SPECIES BY ILLINOIS IN OCTOBER 2009, IS KNOWN TO INHABIT THE PROJECT AREA. FROM LATE SEPTEMBER THROUGH MID-APRIL, THE SPECIES HIBERNATES IN BURROWS AS DEEP AS THREE FEET UNDERGROUND. WHEN NOT IN HIBERNATION, THE TURTLE'S DAILY PATTERN CONSISTS OF AN EARLY MORNING EMERGENCE, FOLLOWED BY BASKING TO RAISE ITS BODY TEMPERATURE. WHEN THE RIGHT TEMPERATURE FOR ACTIVITY IS ACHIEVED, IT FORAGES FOR SEVERAL HOURS UNTIL TEMPERATURES BECOME TOO HIGH, WHEN IT THEN RETURNS TO A BURROW UNTIL TEMPERATURES ALLOW FOR A SECOND FORAGE PERIOD.

THE FOLLOWING PRACTICES SHALL BE FOLLOWED:

1. IF ORNATE BOX TURTLES ARE ENCOUNTERED, WORK MUST IMMEDIATELY STOP AND MARK PHIPPS, IDNR DISTRICT HERITAGE BIOLOGIST (618-462-1181 x137), AND DR. BETH WALTON, SIUo, (618-650-3623), MUST BE CONTACTED. KEEP IN MIND THAT IT IS A CRIMINAL ACT TO HANDLE OR MOVE A LISTED SPECIES.
2. ALL ONSITE PERSONNEL SHOULD BE EDUCATED ON HOW TO RECOGNIZE THIS SPECIES. COLOR PHOTOS AND EDUCATIONAL MATERIAL SHOULD BE DISTRIBUTED AT THE PRECONSTRUCTION MEETING.
3. TRENCHES AND EXCAVATION DUG AS A RESULT OF THIS PROJECT SHOULD BE COVERED AT THE END OF EACH WORK DAY AND INSPECTED AT THE START OF EACH WORK DAY TO ENSURE THAT NO TURTLES ARE TRAPPED IN THEM.
4. VEHICLES AND MACHINERY SHOULD AVOID SANDY SOILS AND USE MATTING AS NECESSARY TO AVOID COMPACTION.
5. IF SILT FENCING IS INSTALLED, IT SHOULD BE INSPECTED DAILY (FOR THE FIRST TWO WEEKS, AND WEEKLY THEREAFTER) TO CHECK FOR THE PRESENCE OF TURTLES ON EACH SIDE.

FILE NAME * 0829073-sh1-eros.dgn	USER NAME * randy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL SHEETS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME * 1:42:07 PM	DRAWN -	REVISED -						10-00006-01-BT	MADISON	33	14
	PLOT SCALE * 40.0000 "/ IN.	CHECKED -	REVISED -						MORRIS TRAIL			CONTRACT NO. 97499
	PLOT DATE * 5/30/2012	DATE -	REVISED -					SCALE:	SHEET 1	OF 3	SHEETS	STA. TO STA.



FILE NAME •
D829873-sh1-eros.dgn

USER NAME • randy
PLOT TIME • 2:27:41 PM
PLOT SCALE • 1/8" = 50' / 1" = 500'
PLOT DATE • 9/20/2012

DESIGNED -
DRAWN -
CHECKED -
DATE -

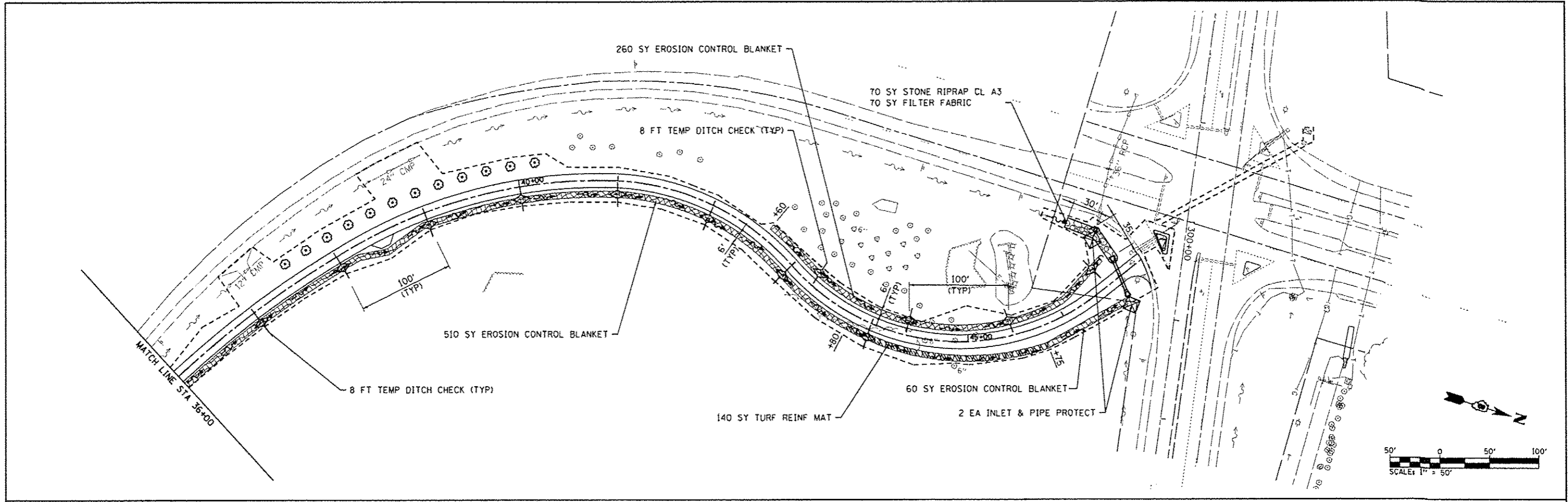
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION & SEDIMENT CONTROL SHEETS

SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 10+00 TO STA. 36+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00006-01-B1	MADISON	33	15
MORRIS TRAIL			CONTRACT NO. 97499	
ILLINOIS FED. AID PROJECT				

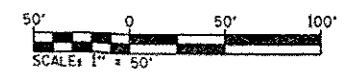
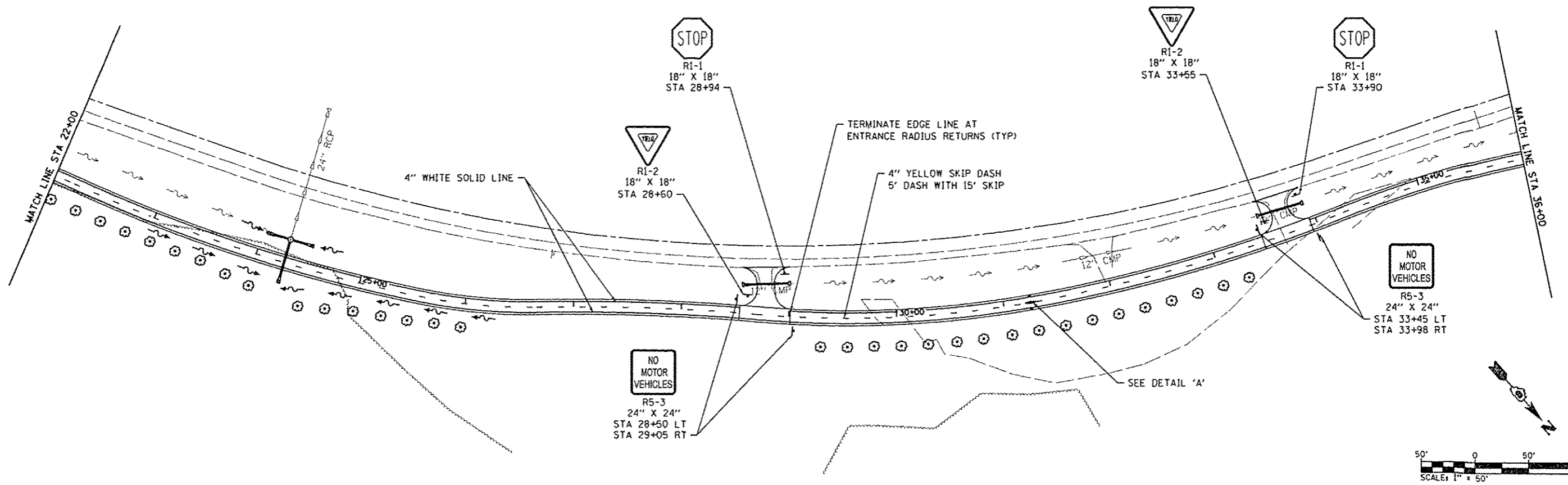
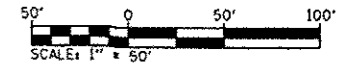
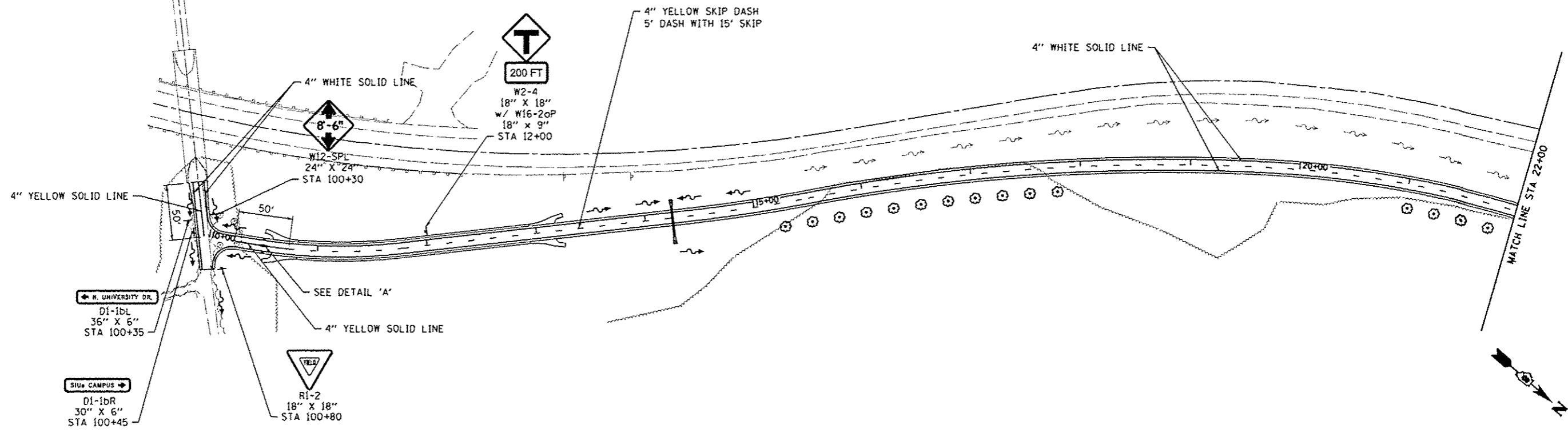


EROSION CONTROL LEGEND

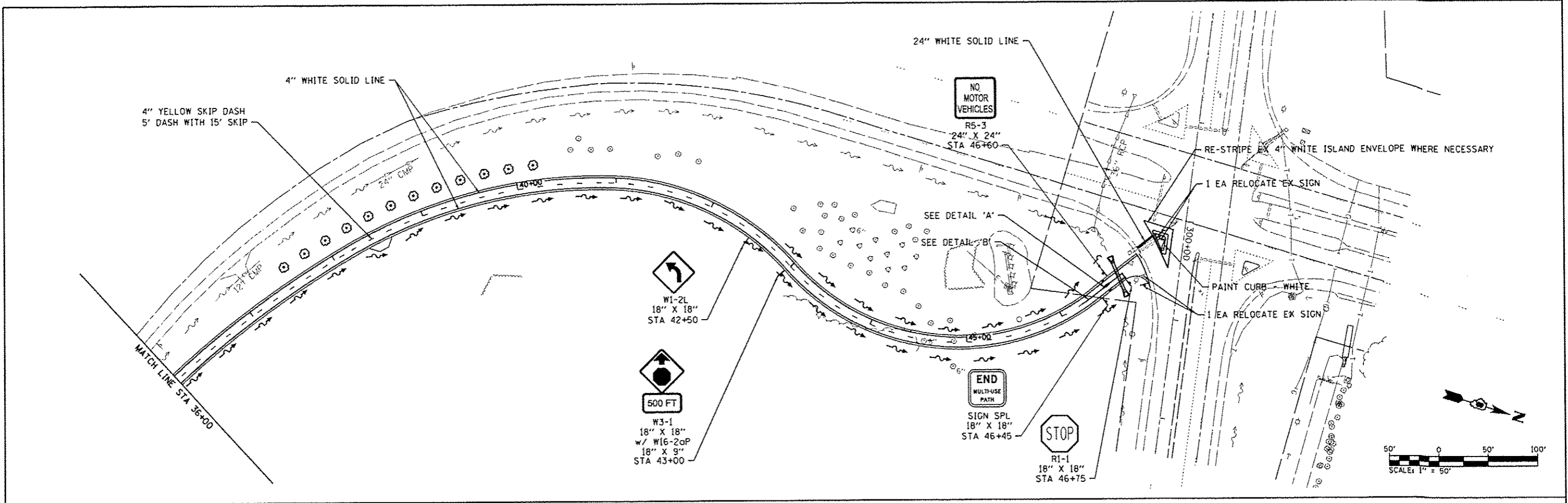
- LIMITS OF CONSTRUCTION
- ◇ TEMPORARY DITCH CHECK
- STONE RIPRAP
- PERIMETER EROSION BARRIER
SILT FILTER FENCE OR OTHER
AS APPROVED BY THE ENGINEER
- ◇ INLET AND PIPE PROTECTION
- ▨ EROSION CONTROL BLANKET
- ▩ TURF REINFORCEMENT MAT

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

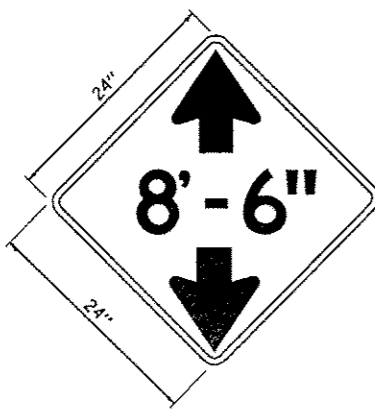
FILE NAME * 0029873-sh1eros.dgn	USER NAME * randy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL SHEETS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME * 1:46:24 PM	DRAWN -	REVISED -					10-00006-01-BT	MADISON	33	16	
	PLOT SCALE * 100.0000' / IN.	CHECKED -	REVISED -					MORRIS TRAIL	CONTRACT NO, 97499			
	PLOT DATE * 0/30/2012	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1"=50'		SHEET NO. 3 OF 3 SHEETS		STA. 36+00 TO STA. 47+00				



FILE NAME * 0829073-shs-pmk.dgn	USER NAME * randy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVMENT MARKING & SIGNING PLAN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT TIME * 2:20:24 PM	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET NO. 1	OF 2 SHEETS	STA. 10+00	TO STA. 36+00	MADISON	33	17	
	PLOT SCALE * 100.0000' / IN.	CHECKED -	REVISED -							MORRIS TRAIL			CONTRACT NO. 97499
	PLOT DATE * 5/30/2012	DATE -	REVISED -							ILLINOIS FED. AID PROJECT			

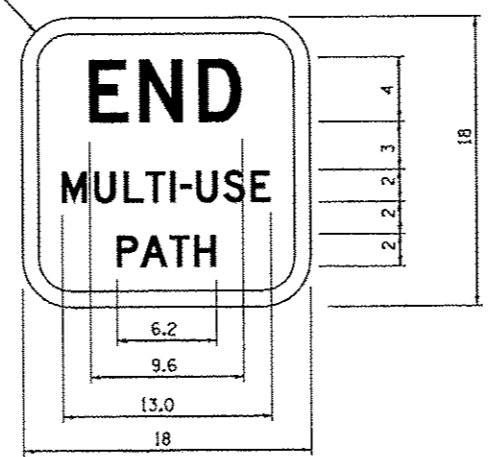


6" BLACK LETTERS ON
FLUORESCENT YELLOW BACKGROUND

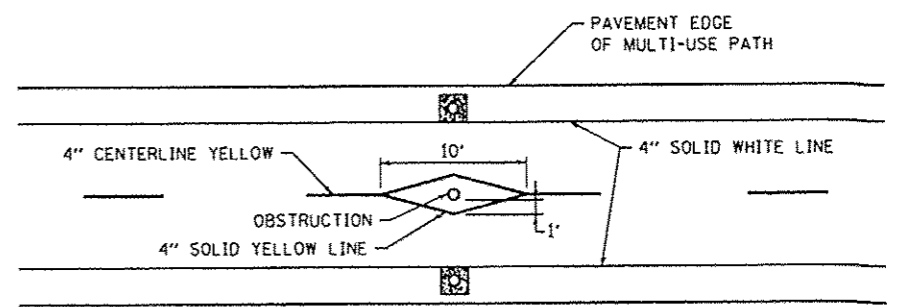


W12-SPECIAL DETAIL
(NOT TO SCALE)

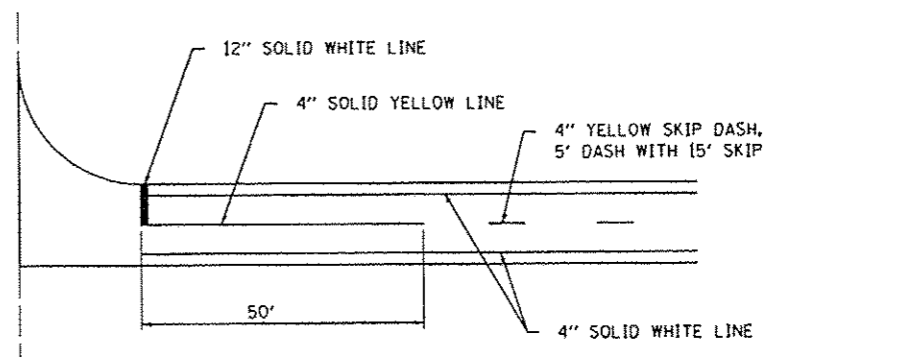
3" RADIUS (TYP)
BLACK LETTERS ON
WHITE BACKGROUND
(ALL DIMENSIONS IN INCHES)



END MUP-SPECIAL DETAIL
(NOT TO SCALE)



DETAIL 'A'
(NOT TO SCALE)



DETAIL 'B'
(NOT TO SCALE)

FILE NAME * D829873-sh1-pmk.dgn	USER NAME * randy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVMENT MARKING & SIGNING PLAN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME * 1:46:34 PM	DRAWN -	REVISED -					10-00006-01-B1	MADISON	33	18	
	PLOT SCALE * 100.0000 / IN.	CHECKED -	REVISED -					MORRIS TRAIL	CONTRACT NO. 97499			
	PLOT DATE * 5/30/2012	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1"=50'			SHEET NO. 2 OF 2 SHEETS		STA. 36+00 TO STA. 47+00			

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 107.31 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED IN THE GENERAL NOTES OF THE PLANS. CALL J.U.L.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.
- THE QUANTITIES SHOWN FOR TRAFFIC SIGNAL CABLE IN CONDUIT AND REMOVAL OF ELECTRIC CABLE FROM CONDUIT ASSUME THAT ALL CABLE IN EXISTING CONDUIT WILL NEED TO BE REPLACED. IF IT IS DETERMINED IN THE FIELD THAT THIS CABLE IS SUITABLE FOR USE AND IT WILL NOT BE DAMAGED WHILE PULLING ADDITIONAL CABLE THROUGH THE CONDUIT, WORK ON THESE ITEMS WILL BE UNNECESSARY.
- PROPOSED CONDUIT SHALL BE PVC UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL BE PLACED AND BACKFILLED PRIOR TO CONSTRUCTION OF PROPOSED IMPROVEMENTS. 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(B) 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.

TRAFFIC SIGNAL LEGEND

- ◁▷ EXISTING SIGNAL HEAD WITH BACKPLATE
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- PROPOSED CONDUIT: SIZE SPECIFIED
- - - EXISTING CONDUIT: SIZE SPECIFIED
- PVCC POLYVINYL CHLORIDE CONDUIT
- GSC GALVANIZED STEEL CONDUIT
- REC REMOVE ELECTRIC CABLE FROM CONDUIT
- ⊃ EXISTING MAST ARM
- ⊠ EXISTING CONTROLLER
- ⊕ EXISTING SIGNAL POST

STANDARDS FOR TRAFFIC SIGNAL SHEETS

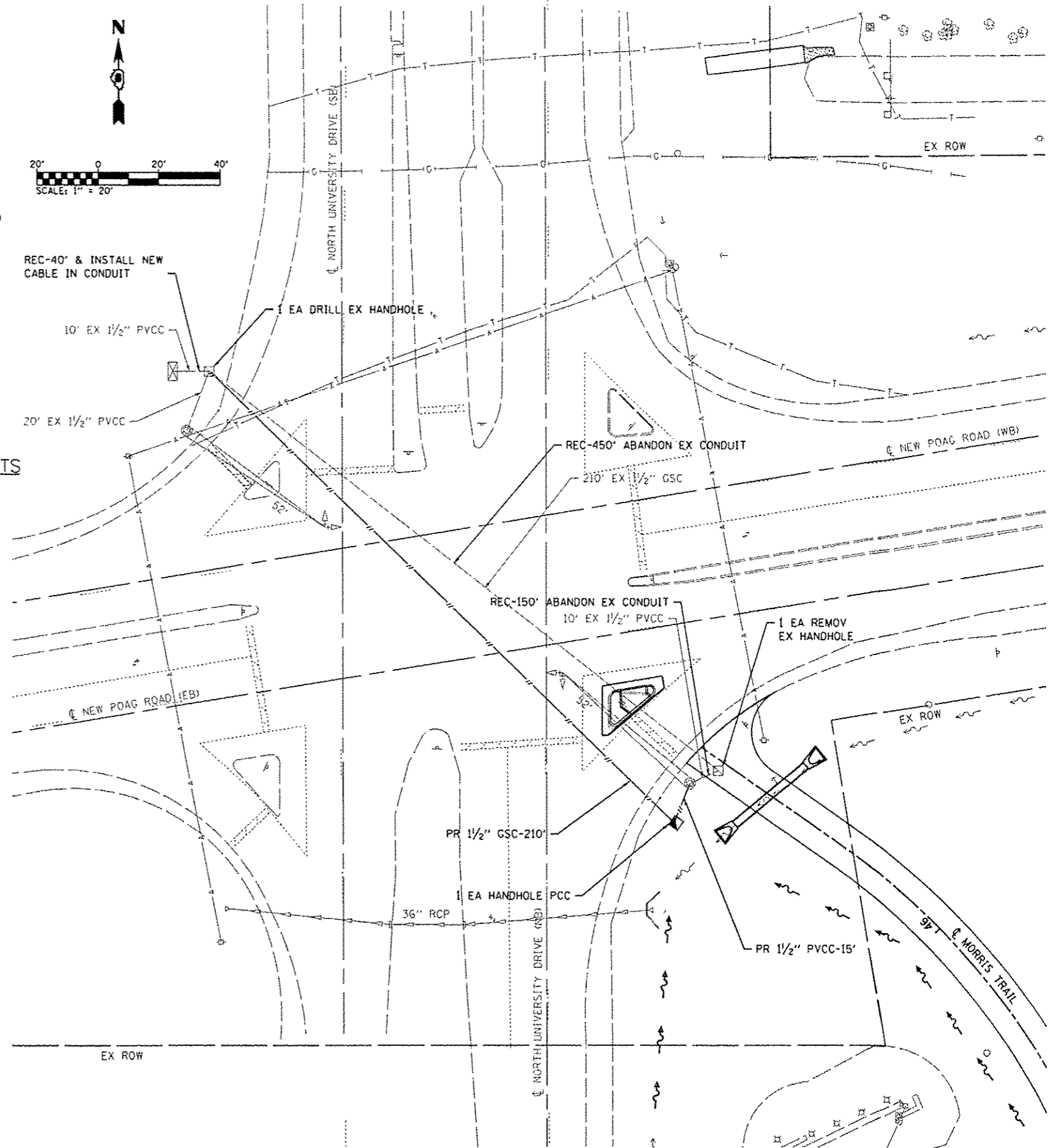
- 814001 HANDHOLES
- 873001 TRAFFIC SIGNAL GROUNDING & BONDING

TRAFFIC SIGNAL SCHEDULE

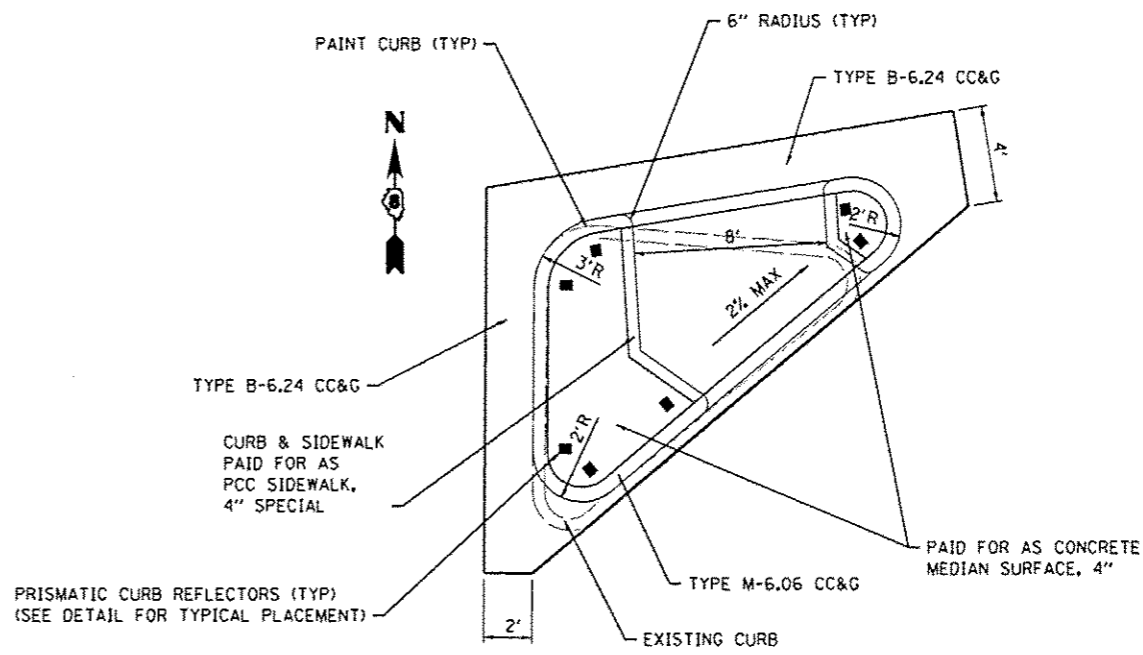
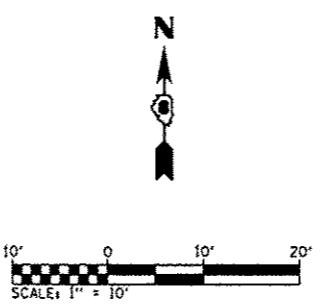
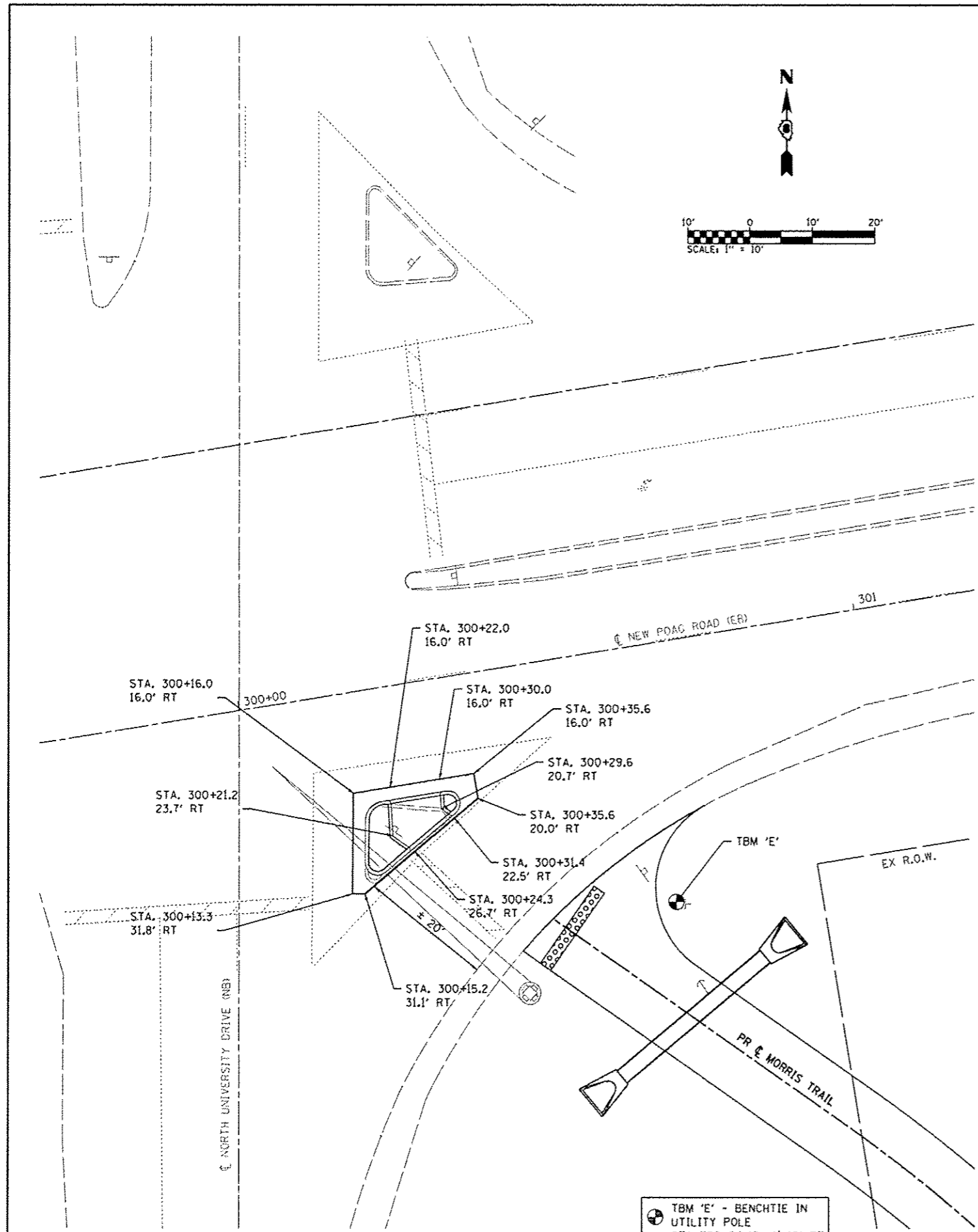
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	210
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	15
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	650
87900200	DRILL EXISTING HANDHOLE	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	640
89502380	REMOVE EXISTING HANDHOLE	EACH	1

NOTES:

S SEE PROJECT SPECIFIC SPECIAL PROVISIONS

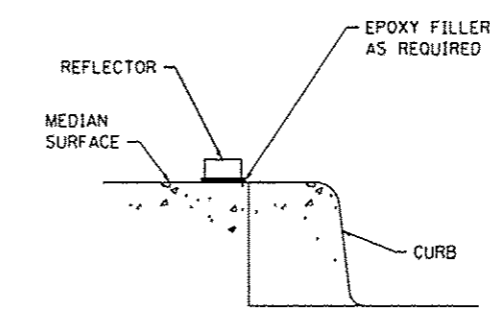


PROPOSED TRAFFIC SIGNAL PLAN



- NOTES**
1. SEE HIGHWAY STANDARD 606301 FOR SPECIFIC DIMENSIONS FOR THE INTERMEDIATE ISLAND.
 2. MEDIAN NOSES FOR CORNER ISLAND SHALL NOT BE RAMPED.

PCC CORNER ISLAND
(NOT TO SCALE)

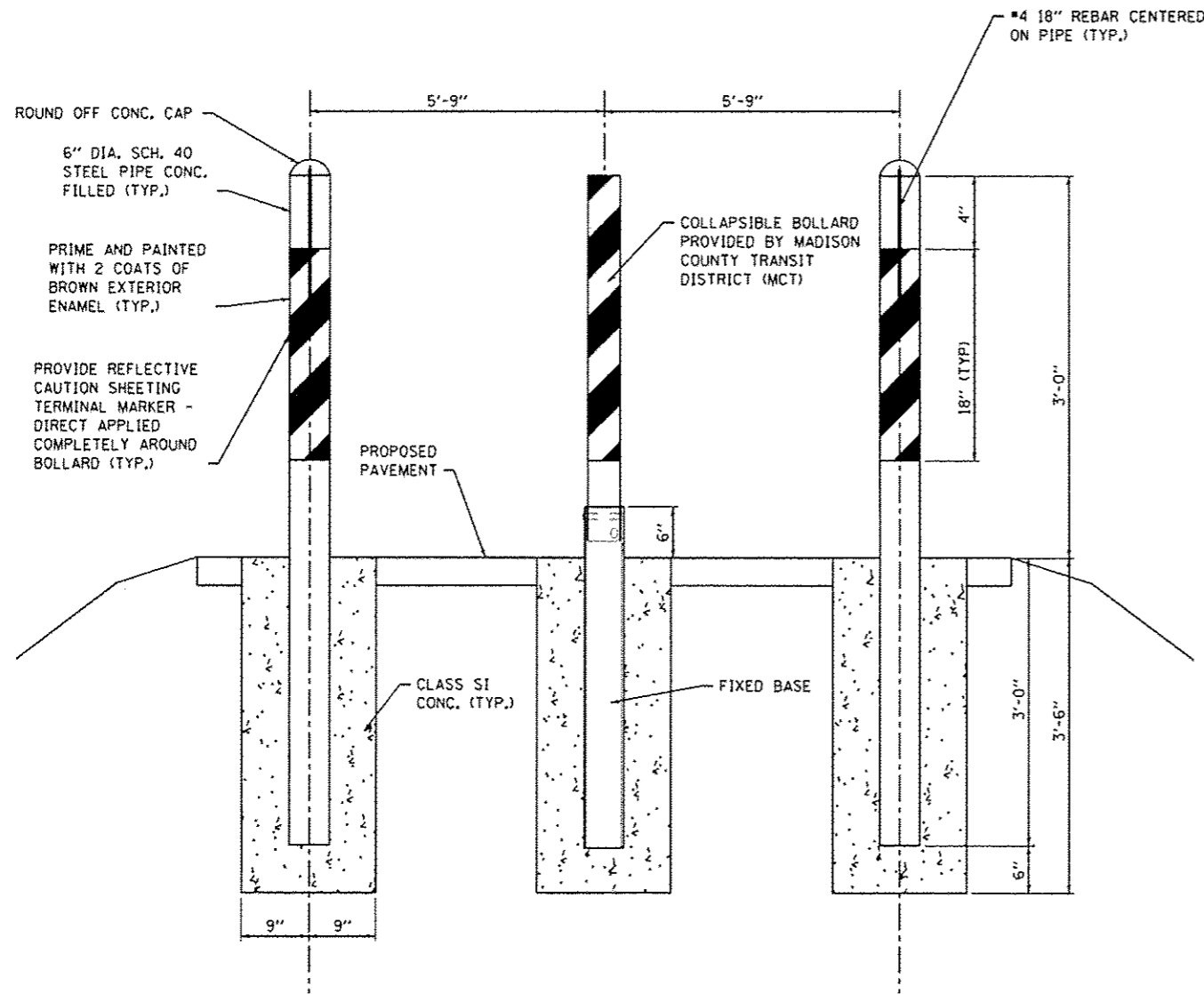


CURB REFLECTOR - SECTION VIEW
(NOT TO SCALE)

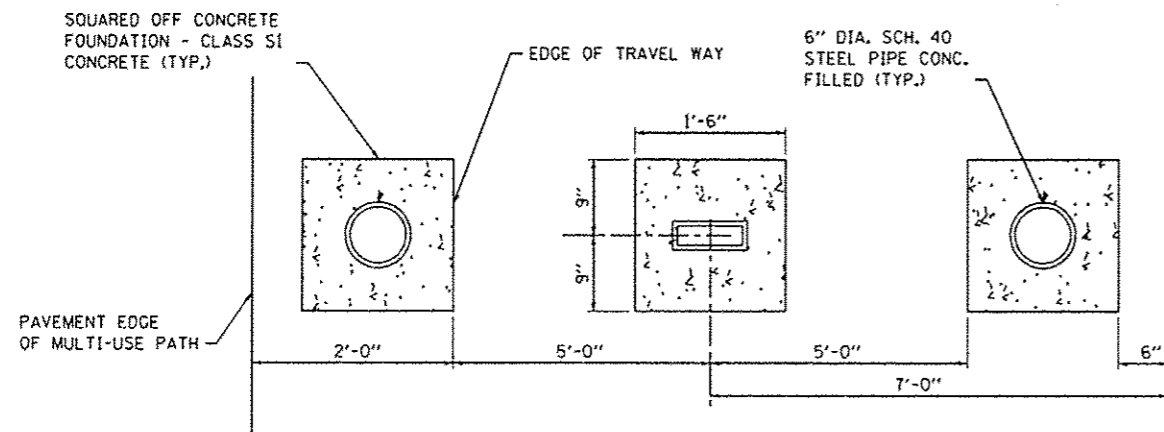
- NOTES**
1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL.
 2. MONO-DIRECTIONAL PRISMATIC REFLECTORS SHALL BE POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
 3. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
 4. PRISMATIC REFLECTORS SHALL BE WHITE IN COLOR.

TBM 'E' - BENCHTIE IN
 UTILITY POLE
 STA 300+64.42, 41.40' RT
 ELEV = 495.82

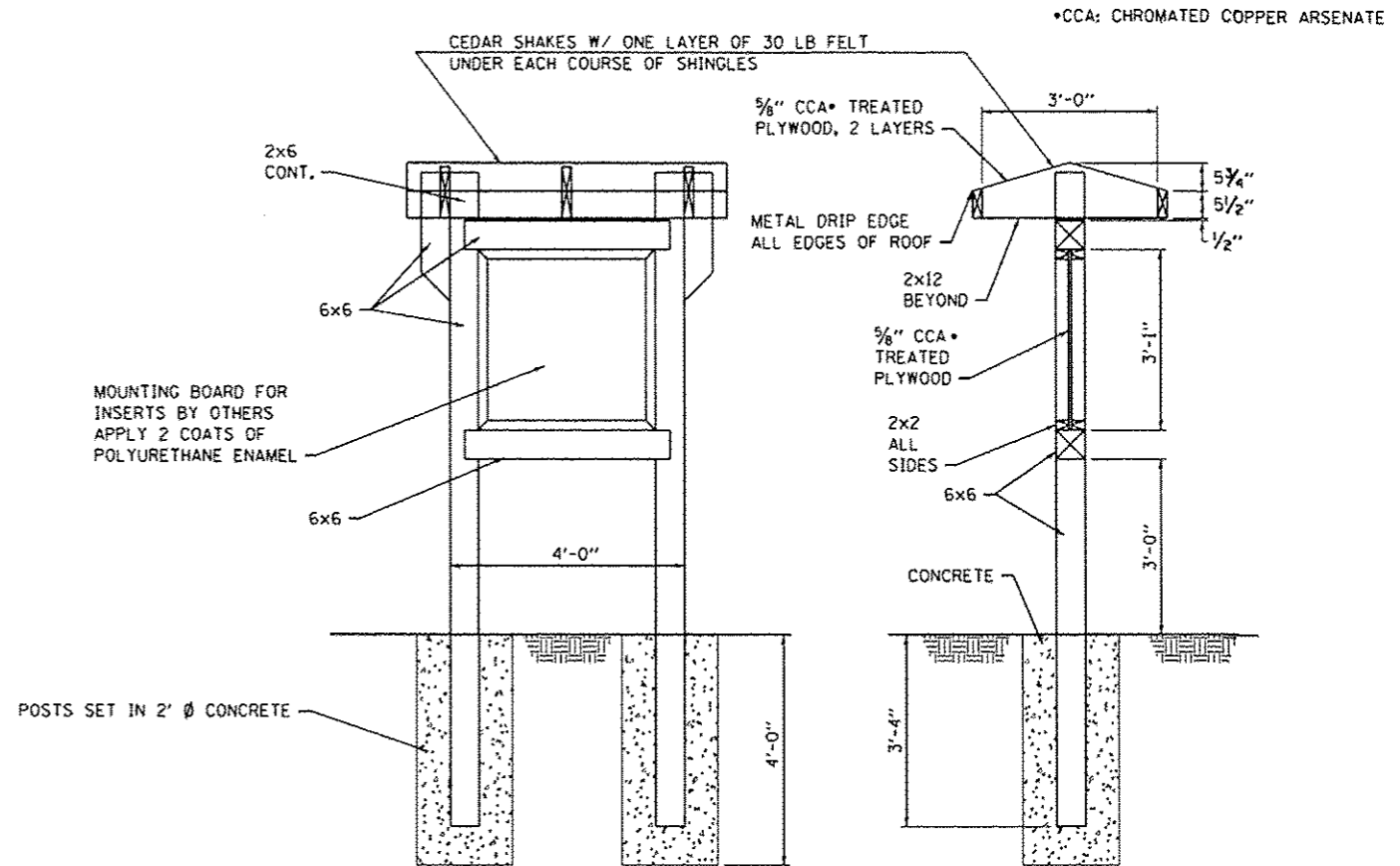
FILE NAME 0829873-shl-intersec.dgn	USER NAME randy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION & CORNER ISLAND DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT TIME 2:11:04 PM	DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET 1	OF 1	SHEETS	STA.	TO STA.	MORRIS TRAIL	33	20
	PLOT SCALE 20,0000 / IN.	CHECKED -	REVISED -										
	PLOT DATE 5/30/2012	DATE -	REVISED -										
ILLINOIS FED. AID PROJECT													



BOLLARD DETAIL
(NOT TO SCALE)



BOLLARD PLAN VIEW DETAIL
(NOT TO SCALE)

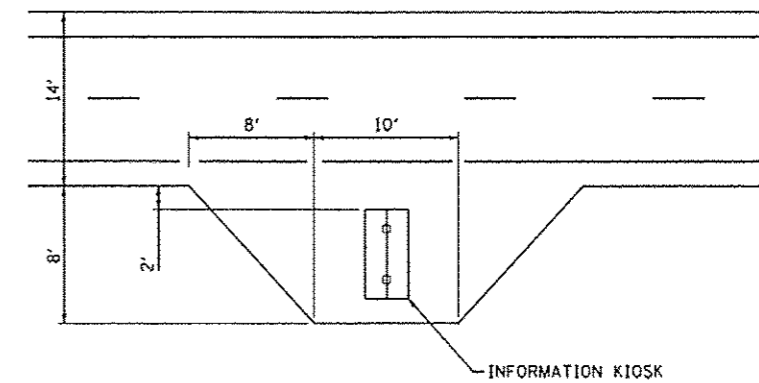


FRONT VIEW

SECTION

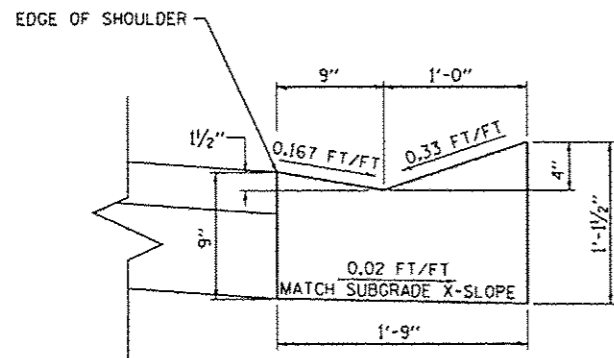
NOTE: ALL FASTENERS TO BE STAINLESS STEEL.

INFORMATION KIOSK
(NOT TO SCALE)



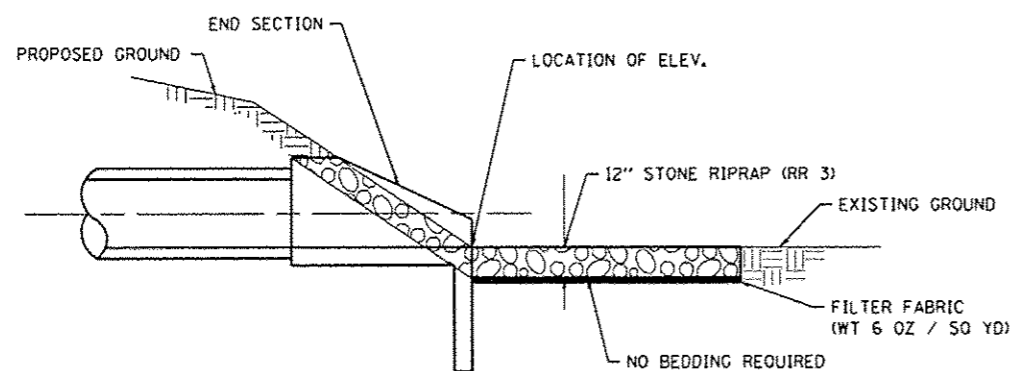
KIOSK TURNOUT
(NOT TO SCALE)

FILE NAME * 0829873-shit-details.dgn	USER NAME * wendy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME * 1:44:38 PM	DRAWN -	REVISED -					10-00006-01-BT	MADISON	33	21	
	PLOT SCALE * 40.0000' / IN.	CHECKED -	REVISED -		MORRIS TRAIL	CONTRACT NO. 97499						
	PLOT DATE * 5/28/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE: NTS	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.				

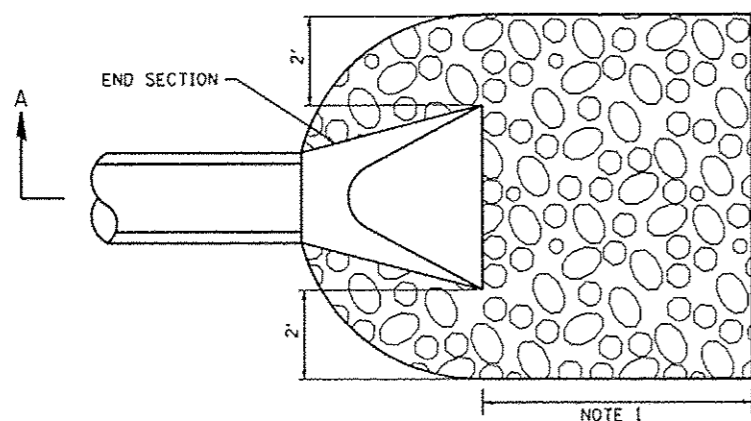


CONCRETE GUTTER, TYPE B (SPECIAL)

(NOT TO SCALE)



SECTION A-A



PLAN VIEW

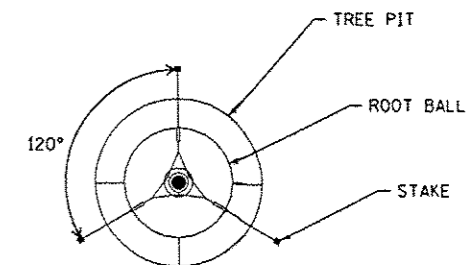
STONE RIPRAP DETAIL

(NOT TO SCALE)

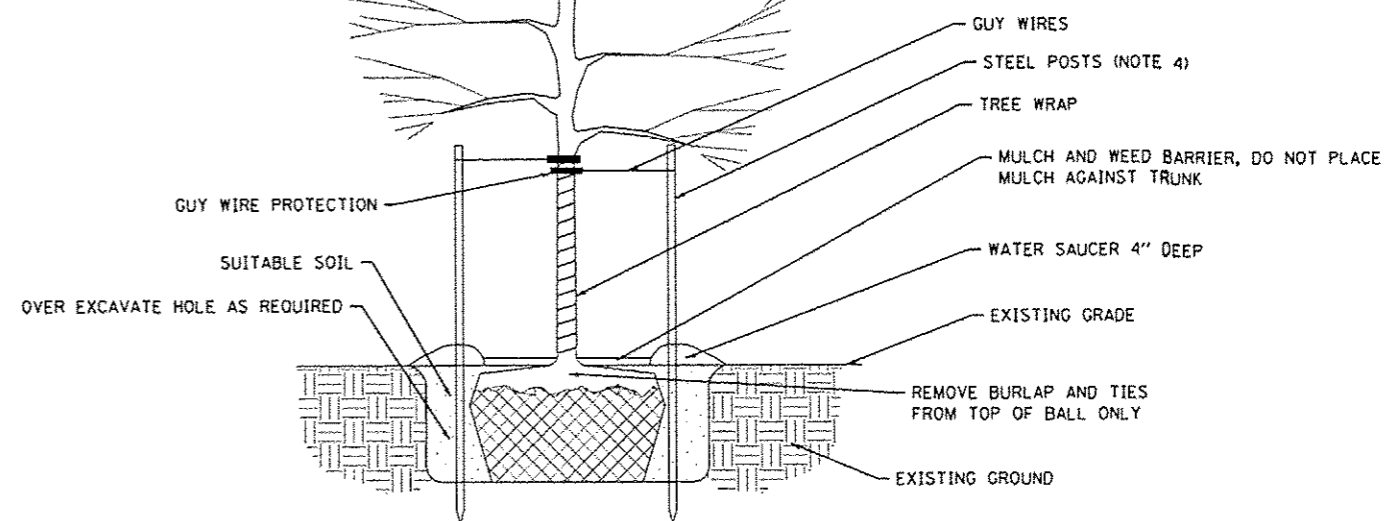
NOTE 1: SEE EROSION & SEDIMENT CONTROL SHEETS FOR DIMENSIONS

NOTES

1. SEE SECTION 253 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR ADDITIONAL GUIDANCE.
2. ALL TREE MATERIALS, INCLUDING TOPSOIL, MULCH, WEED BARRIER FABRIC, BRACING, WRAP, SOIL, SHALL BE INCLUDED IN THE COST OF THE TREE.
3. LAYOUT ALL TREE LOCATIONS FOR APPROVAL PRIOR TO INSTALLATION.
4. SEE SPECIAL PROVISION FOR TREE PROTECTION, SPECIAL

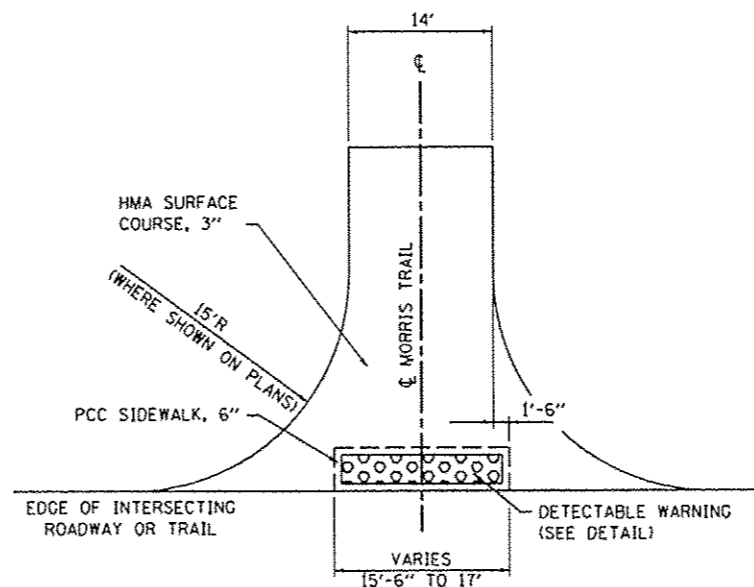


STAKE SPACING



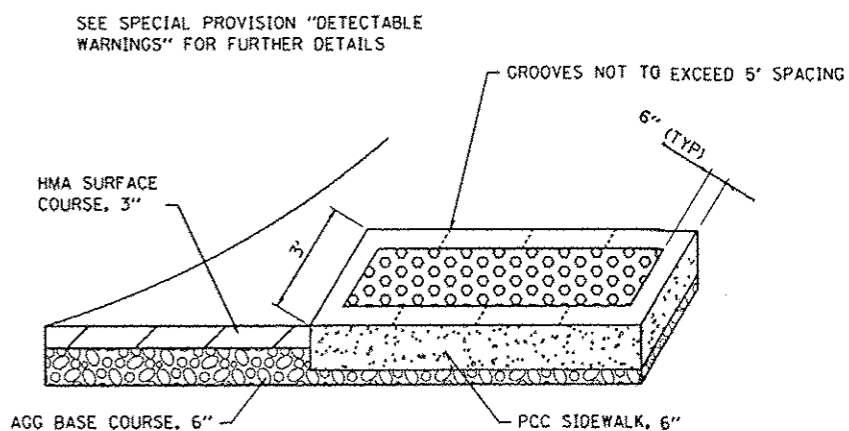
TREE PLANTING DETAIL

(NOT TO SCALE)



INTERSECTION DETAIL

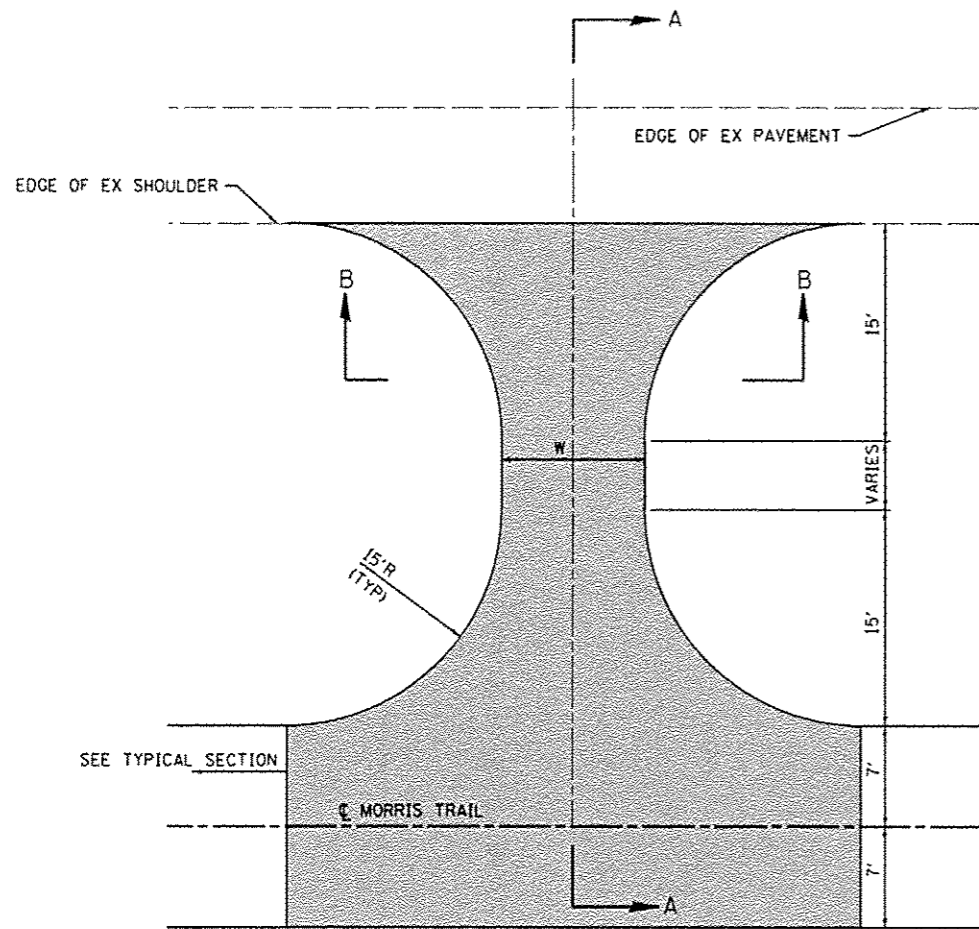
STA. 10+05 AND STA. 46+95
(NOT TO SCALE)



DETECTABLE WARNING DETAIL

(NOT TO SCALE)

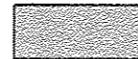
FILE NAME * 0029873-shs-details.dgn	USER NAME * randy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT TIME * 1:44:35 PM	DRAWN -	REVISED -		SCALE: NTS	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	10-00006-01-BT	MADISON	33	22	
	PLOT SCALE * 40.0000 / IN.	CHECKED -	REVISED -						MORRIS TRAIL				CONTRACT NO. 97499
	PLOT DATE * 5/30/2012	DATE -	REVISED -										ILLINOIS FED. AID PROJECT



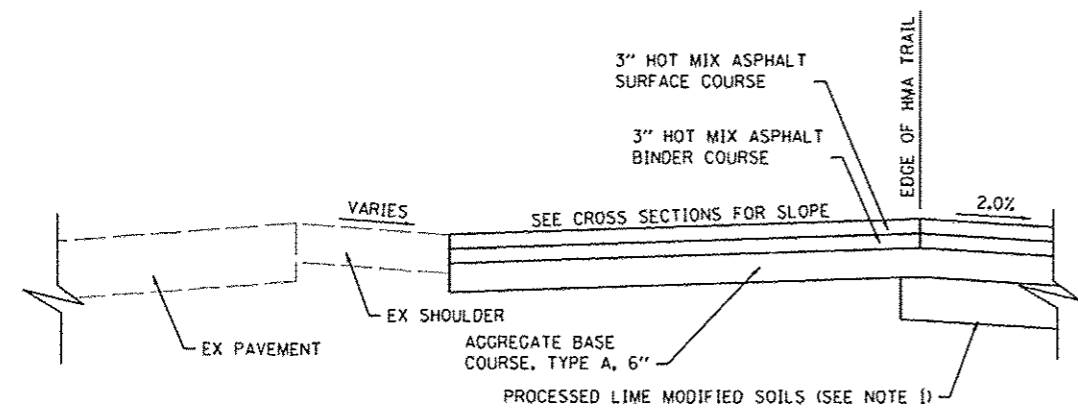
ENTRANCE DETAIL
 STA. 28+81 LT AND STA. 33+71 LT
 (NOT TO SCALE)

SEE ENTRANCE SCHEDULE
 FOR DIMENSION W

LEGEND

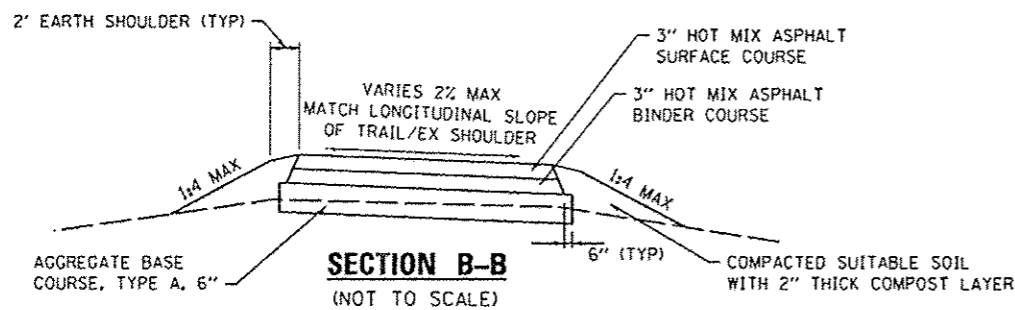


LIMITS OF HMA BINDER COURSE

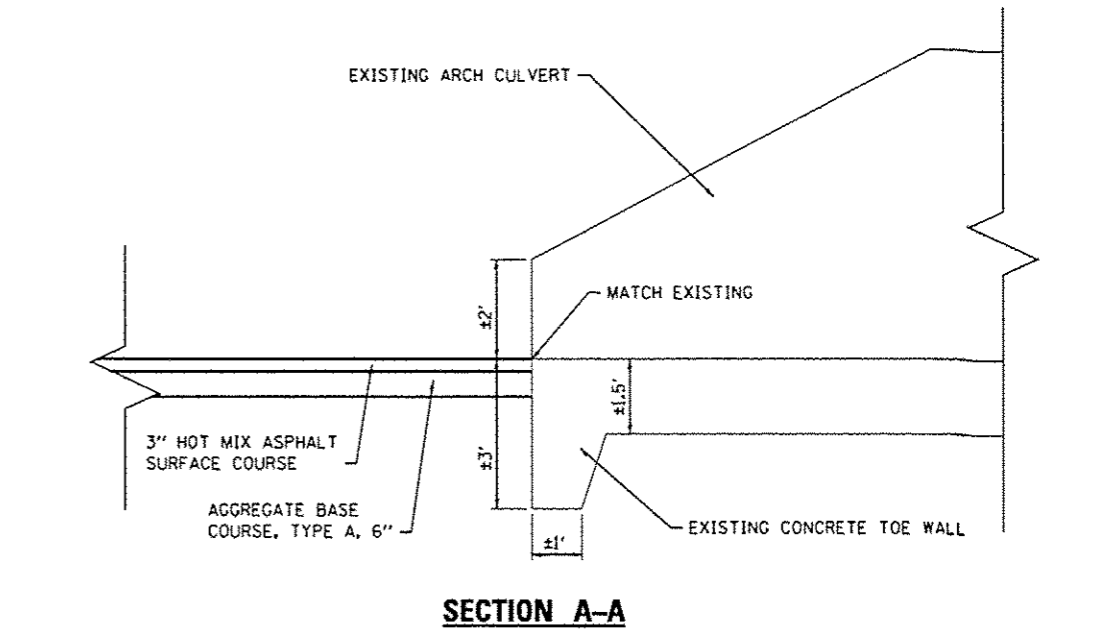


SECTION A-A
 (NOT TO SCALE)

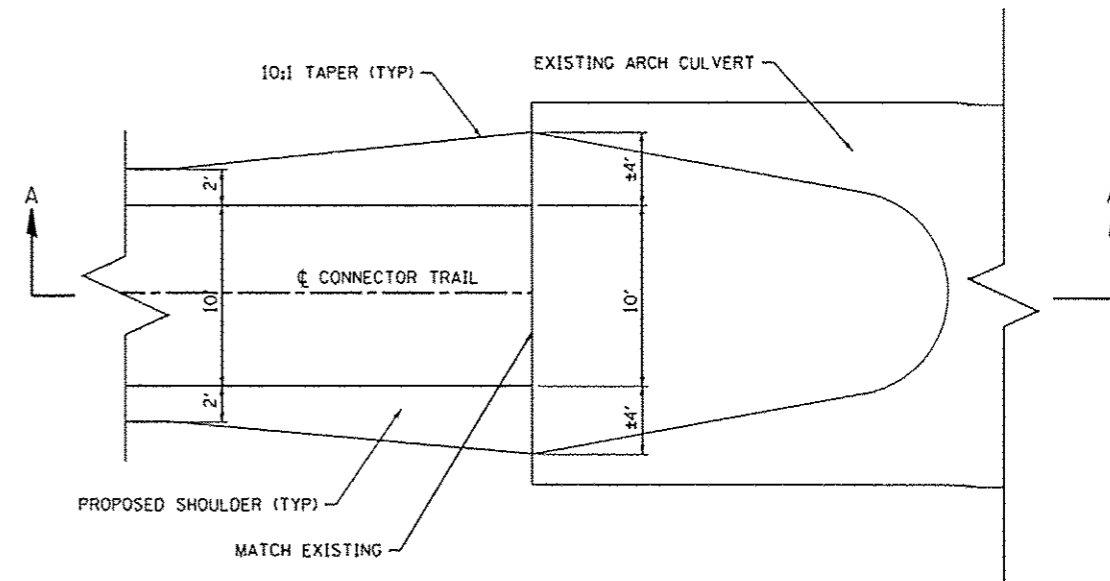
NOTE 1: PRIOR TO PLACING THE PROPOSED AGGREGATE BASE COURSE, THE CONTRACTOR HAS THE OPTION TO TRIM THE TOP 3" OF MODIFIED SOIL OR EXCAVATE TO THE PROPER ELEVATION PRIOR TO MODIFYING THE SOIL.



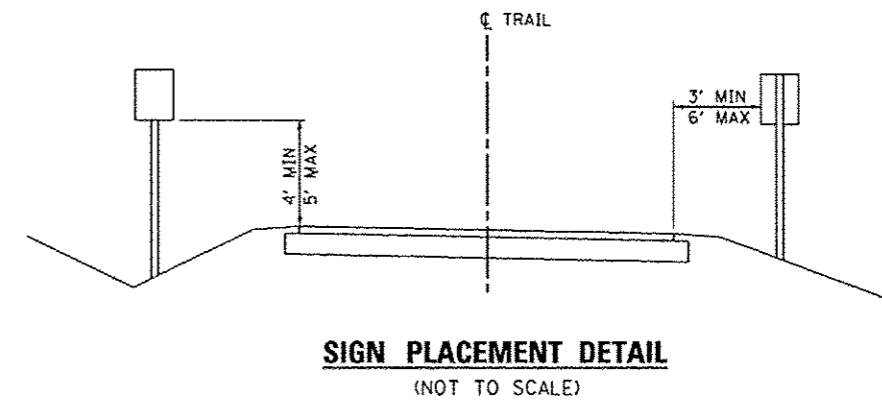
SECTION B-B
 (NOT TO SCALE)



SECTION A-A



PLAN VIEW
 STA. 100+00 - CONNECTOR TRAIL
PAVEMENT TRANSITION DETAIL
 (NOT TO SCALE)



SIGN PLACEMENT DETAIL
 (NOT TO SCALE)

FILE NAME *
 DB29073-shd-detail.dgn

USER NAME * randy
 PLOT TIME * 1:44:41 PM
 PLOT SCALE * 48.0000 / IN.
 PLOT DATE * 9/30/2012

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

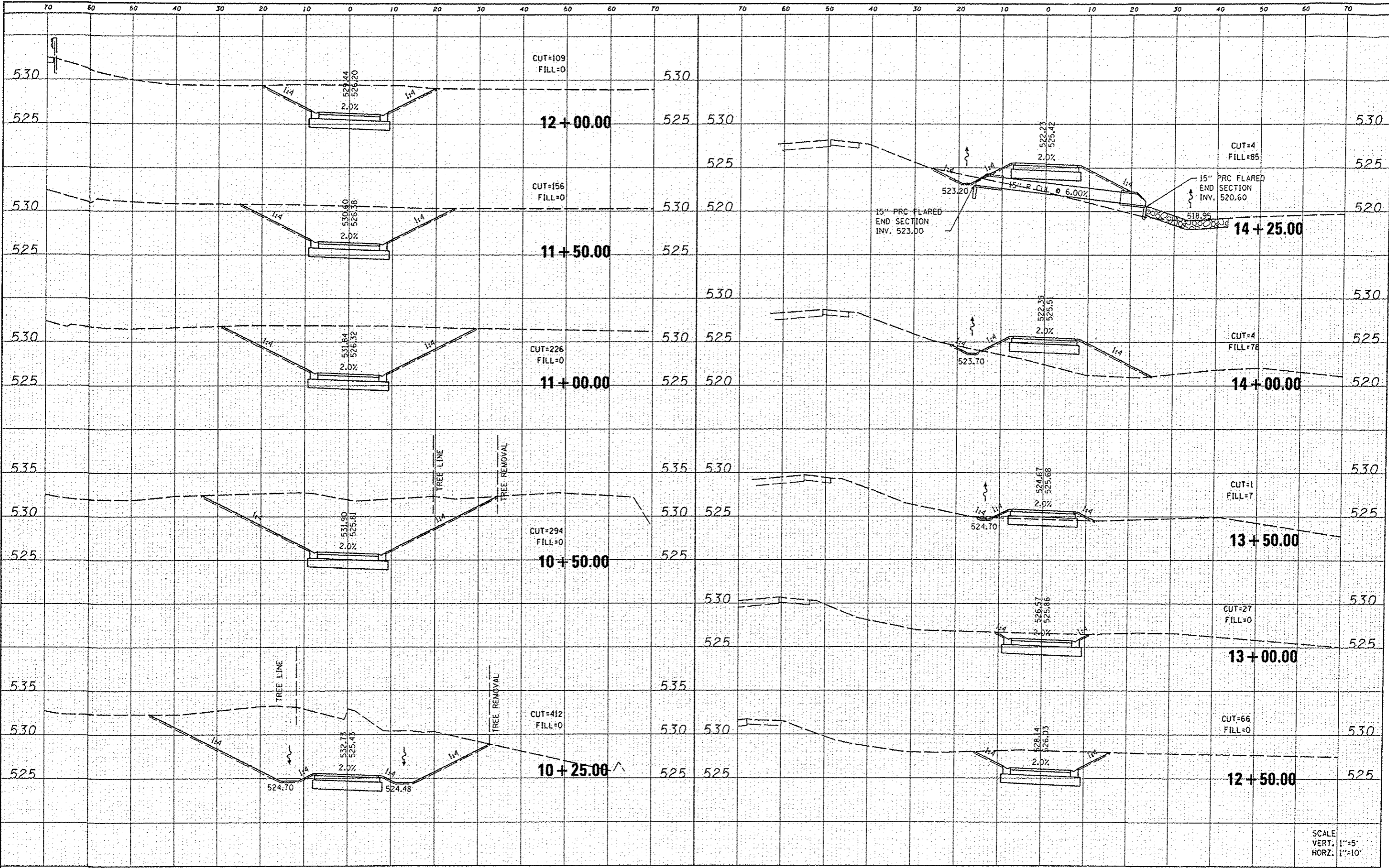
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00006-01-BT	MADISON	33	23
MORRIS TRAIL		CONTRACT NO. 97499		
ILLINOIS FED. AID PROJECT				



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

FILE NAME: 0029873-shr-rasht.dgn
 USER NAME: sandy
 PLOT TIME: 1:49:06 PM
 PLOT SCALE: 20.0000 / IN.
 PLOT DATE: 5/30/2012

DESIGNED -	REVISOR -
DRAWN -	REVISOR -
CHECKED -	REVISOR -
DATE -	REVISOR -

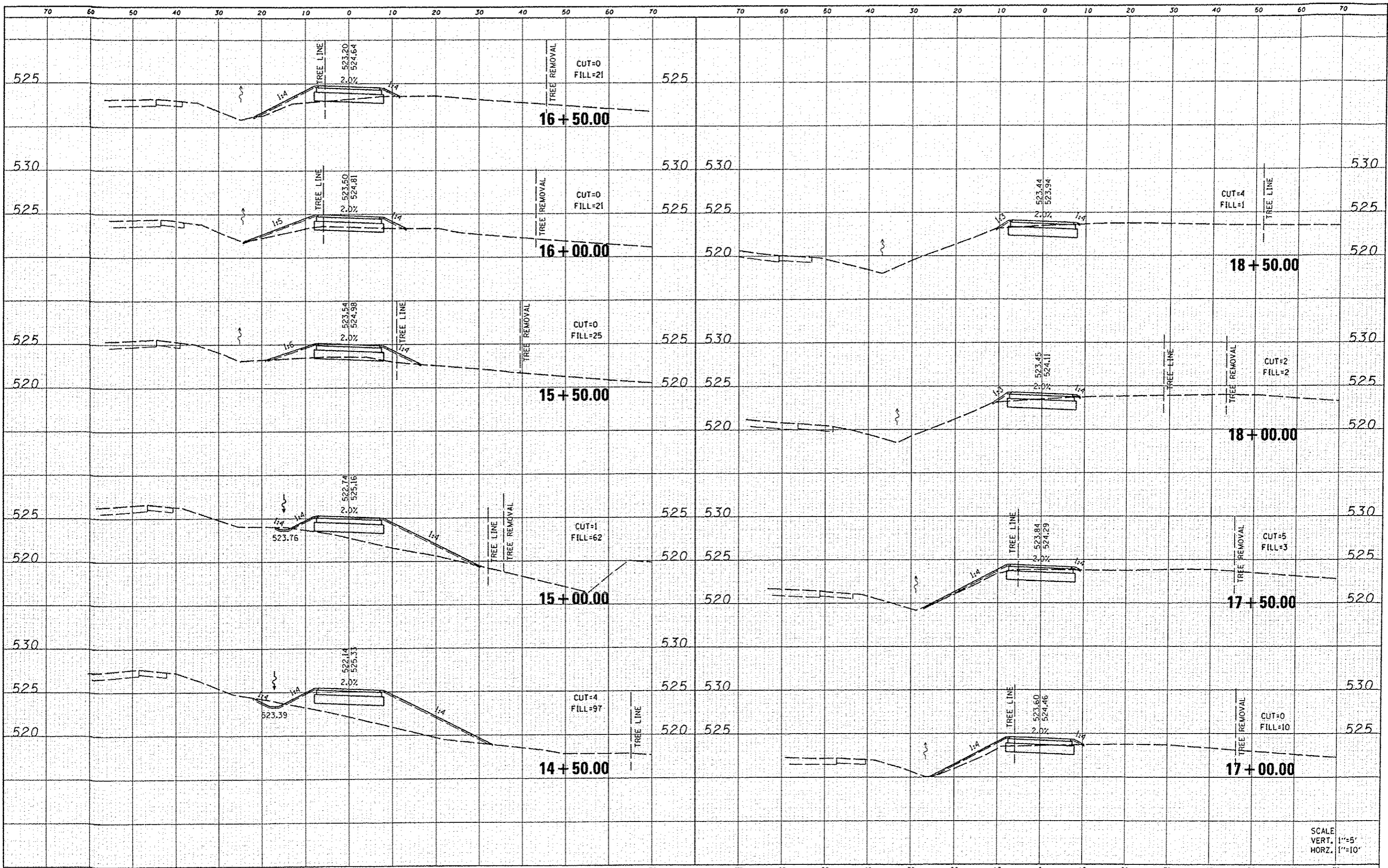
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 MORRIS TRAIL

SCALE: SHEET 1 OF 8 SHEETS STA. 10+25.00 TO STA. 14+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00006-01-BT	MADISON	33	24
MORRIS TRAIL				CONTRACT NO. 97499
ILLINOIS FED. AID PROJECT				

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



DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

FILE NAME	USER NAME	DESIGNED	REVISED
D029073-shr-ssht.dgn	randy		
	PLOT TIME	DRAWN	REVISED
	15:21:45 PM		
	PLOT SCALE	CHECKED	REVISED
	20.0000' / IN.		
	PLOT DATE	DATE	REVISED
	5/30/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MORRIS TRAIL

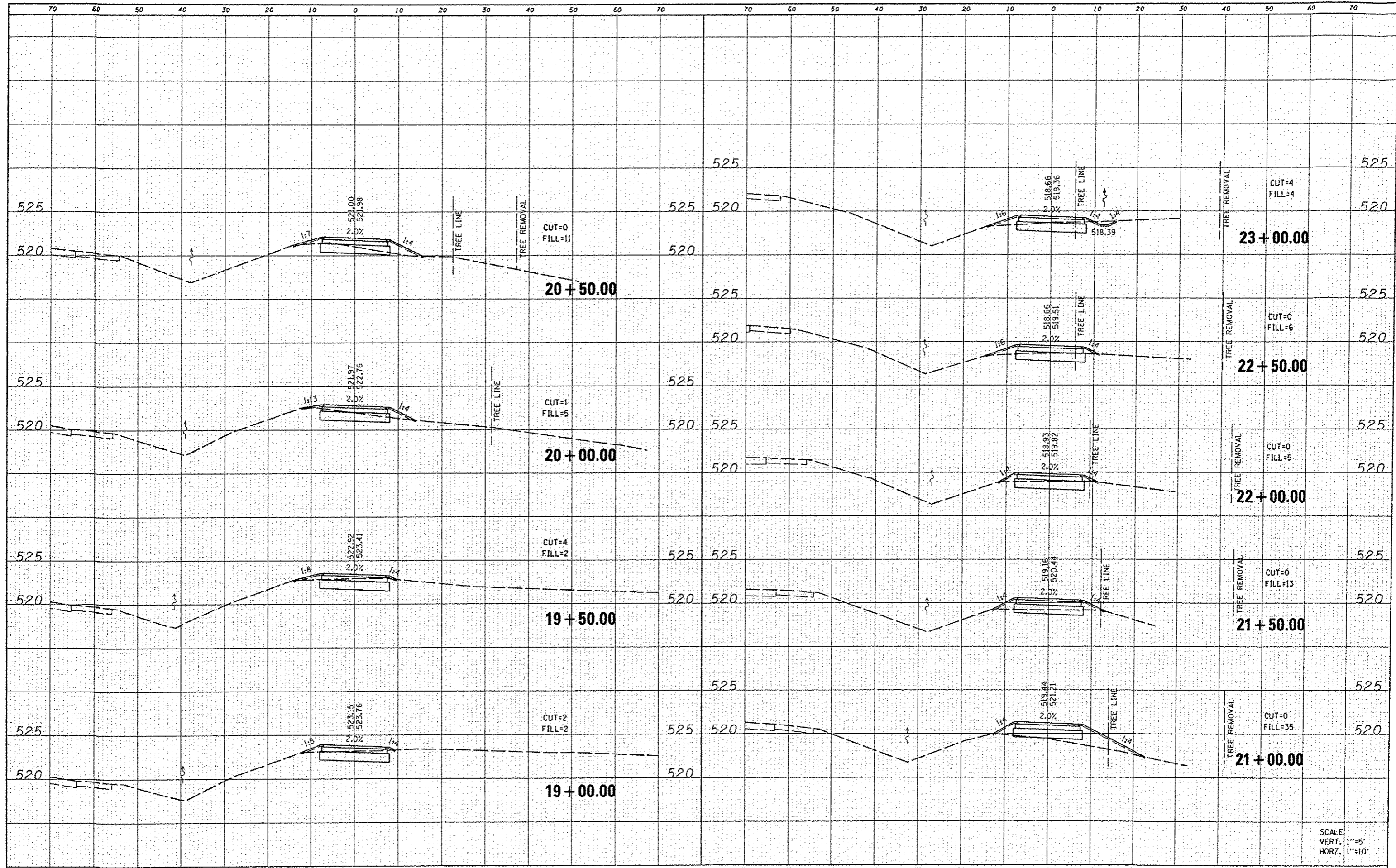
SCALE: SHEET 2 OF 8 SHEETS STA. 14+00.00 TO STA. 18+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00006-01-BT	MADISON	33	25
MORRIS TRAIL		CONTRACT NO. 97499		
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
FINAL SURVEY	
STARTED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

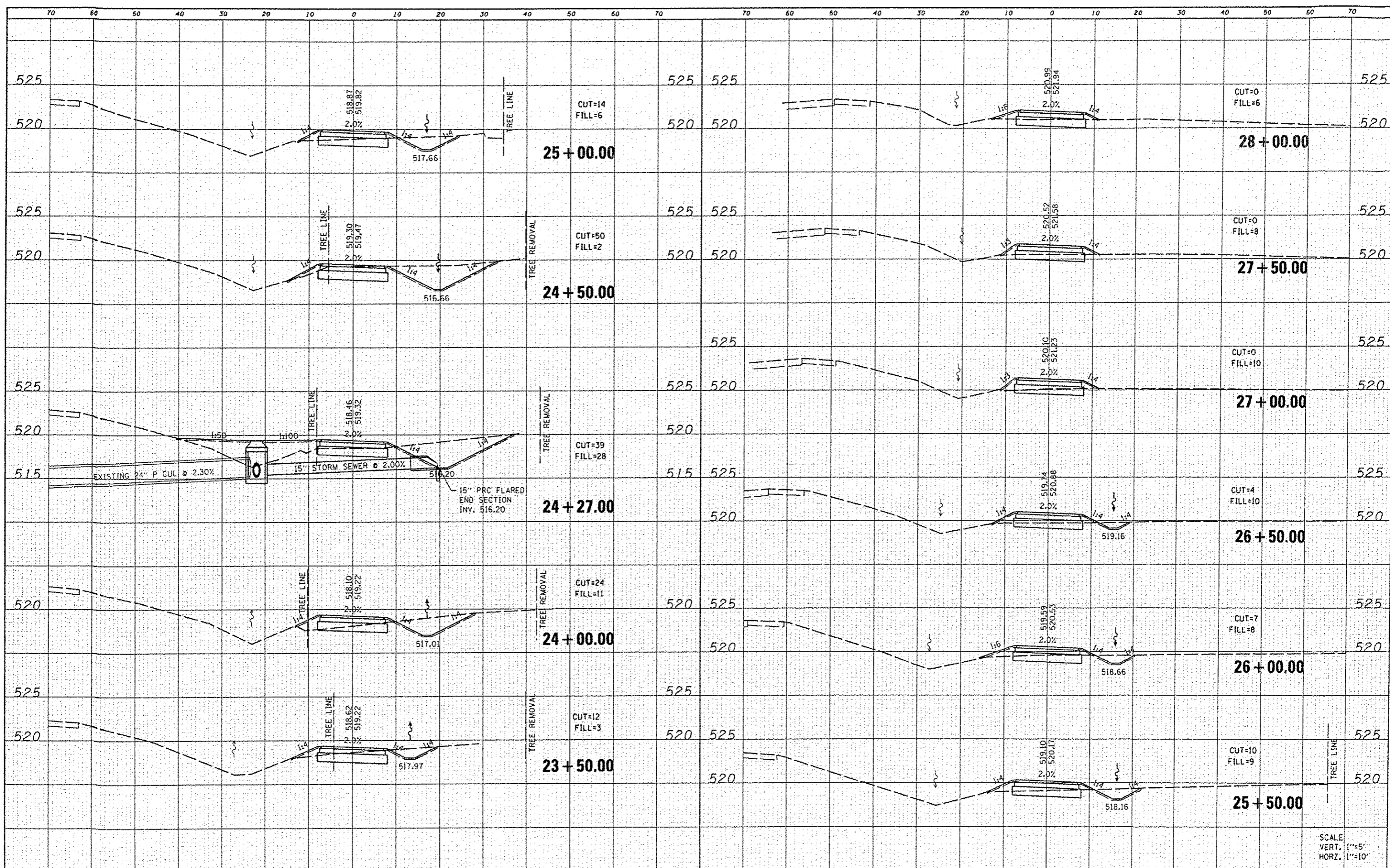
DATE	
BY	
ORIGINAL SURVEY	
STARTED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



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

DATE
BY
SURVEYED
PLOTTED
NOTE BOOK
NO.

DATE
BY
SURVEYED
PLOTTED
NOTE BOOK
NO.

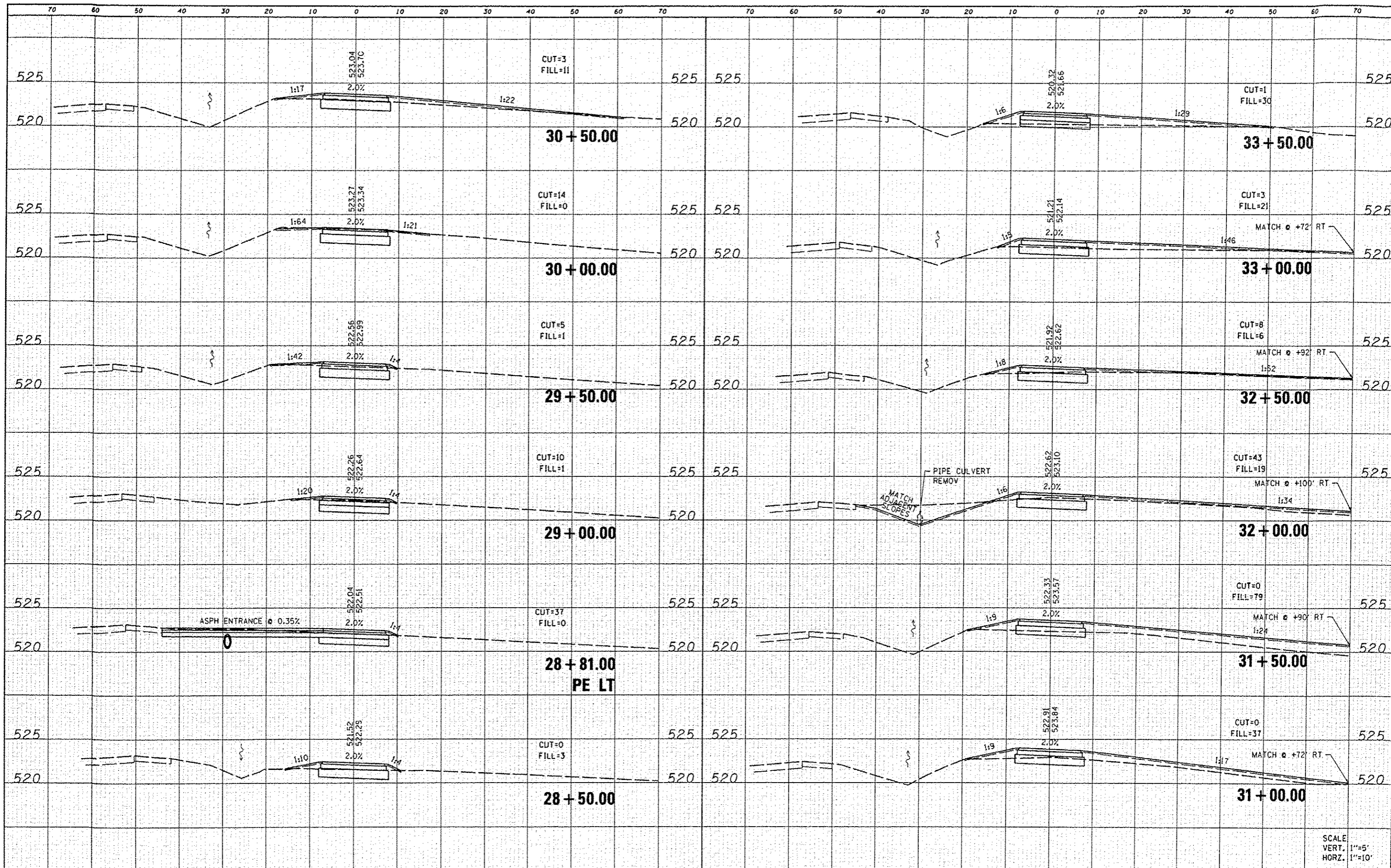


SCALE
VERT. 1"=5'
HORZ. 1"=10'

FILE NAME 0824073-shc-ssht.dgn	USER NAME andy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS MORRIS TRAIL			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT TIME 1:54:23 PM	DRAWN -	REVISED -		SCALE:	SHEET 4	OF 8	SHEETS	10-00006-01-BT	MADISON	33	27
	PLOT SCALE 28.0000 / IN.	CHECKED -	REVISED -		STA. 23+50.00	TO STA. 28+00.00			MORRIS TRAIL		CONTRACT NO. 97499	
	PLOT DATE 5/30/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

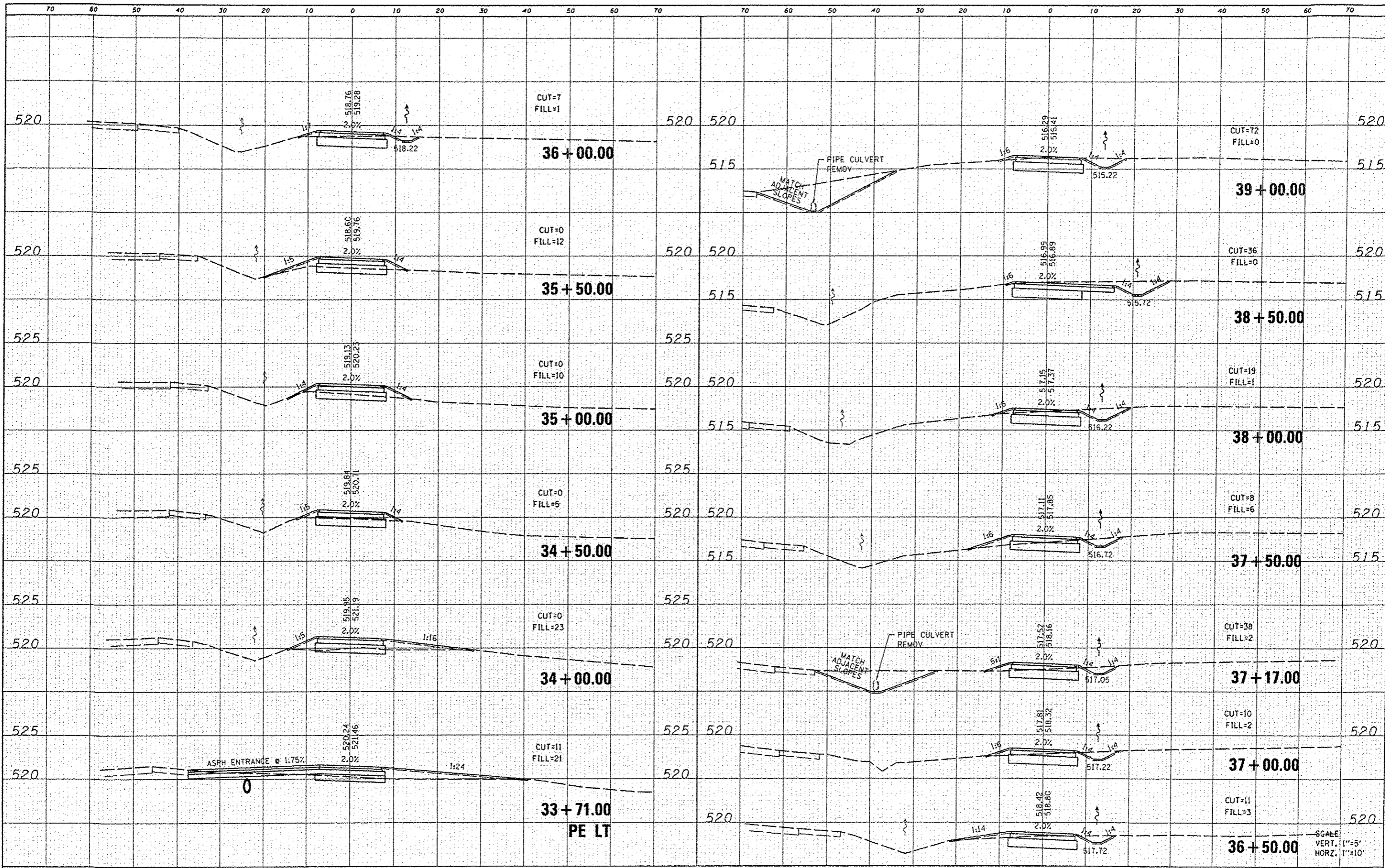
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
NO.	
DESCRIPTION	
DATE	
BY	
NO.	
DESCRIPTION	

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



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

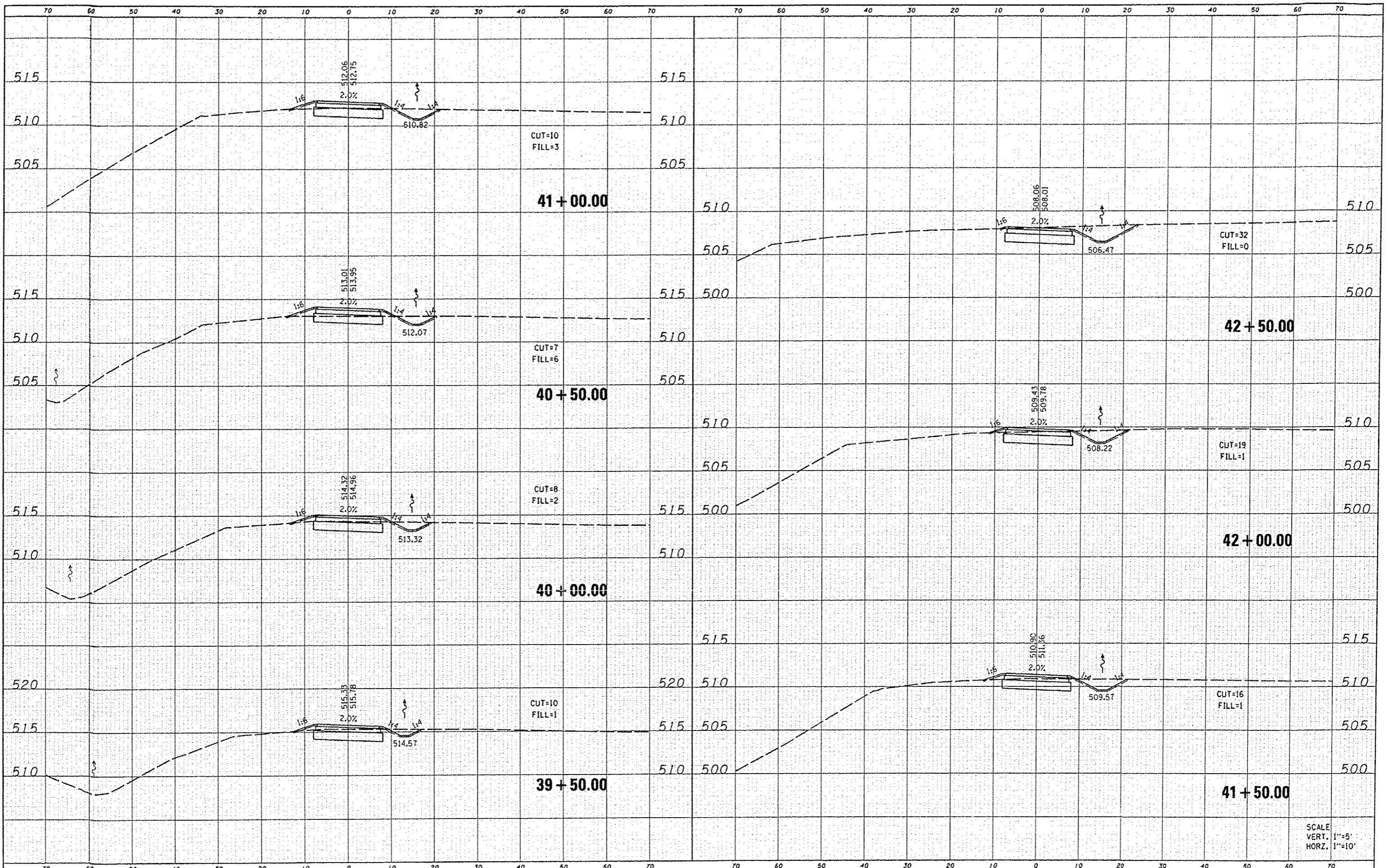
DATE	
BY	
FINISHED	
REVISIONS	
NO.	
DATE	
BY	
FINISHED	
REVISIONS	
NO.	



FILE NAME * 0829873-shr-ssht.dgn	USER NAME * randy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS MORRIS TRAIL	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT TIME * 1:57:43 PM	DRAWN -	REVISED -	10-00006-01-BT			MADISON	33	29		
PLOT SCALE * 28.0000 / IN.	CHECKED -	REVISED -	MORRIS TRAIL			CONTRACT NO. 97499				
PLOT DATE * 5/30/2012	DATE -	REVISED -	ILLINOISIFIED AID PROJECT							

DATE	
BY	
FINAL	
REVISED	
DATE	
BY	
DATE	
BY	

DATE	
BY	
ORIGINAL	
REVISED	
DATE	
BY	
DATE	
BY	



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

FILE NAME	0829873-shr-ssht.dgn
USER NAME	randy
DESIGNED	
DRAWN	
CHECKED	
DATE	

DESIGNED	
DRAWN	
CHECKED	
DATE	

REVISION	
REVISION	
REVISION	
REVISION	

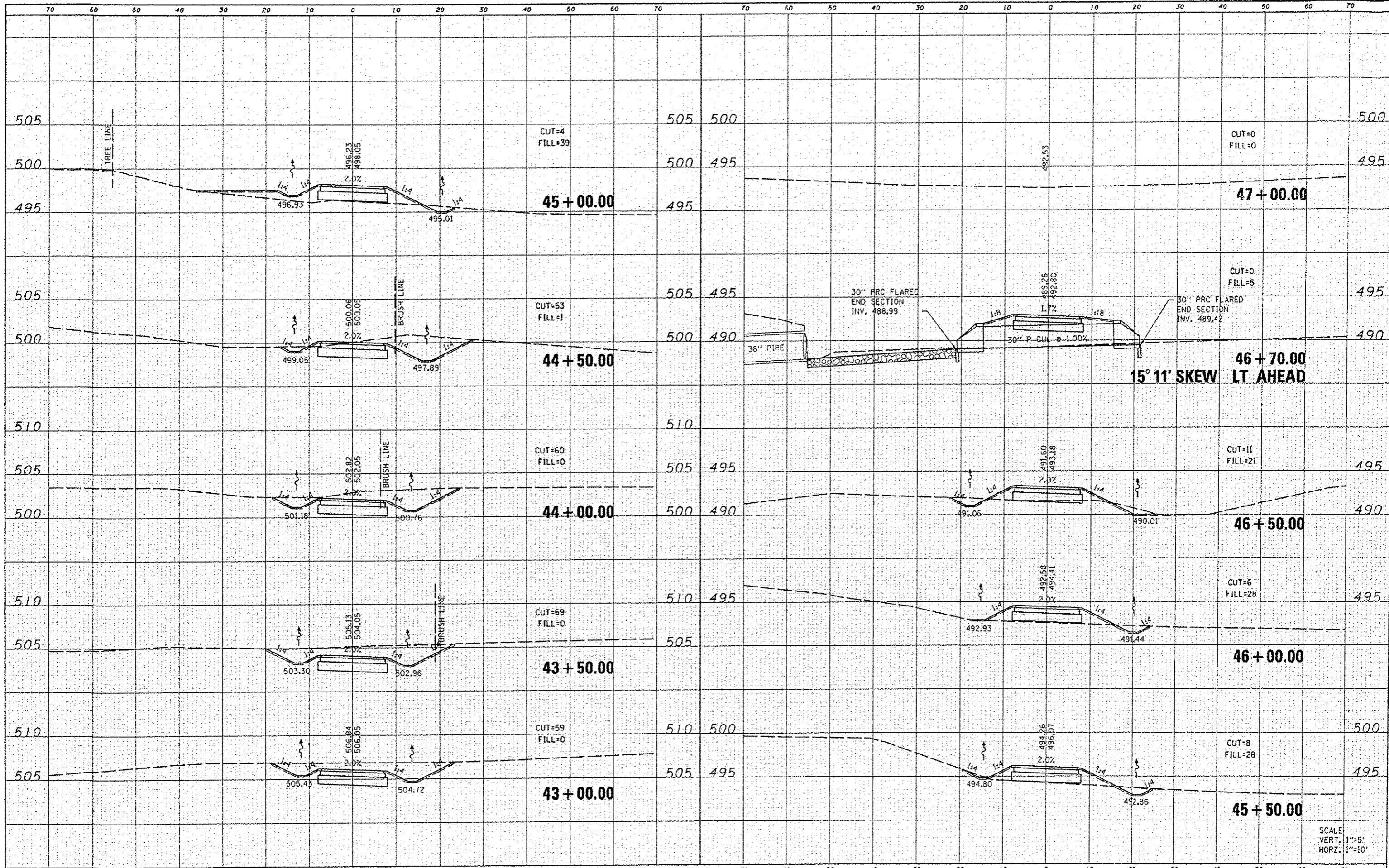
DESIGNED	
DRAWN	
CHECKED	
DATE	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
MORRIS TRAIL**

SCALE: SHEET 7 OF 8 SHEETS STA. 39+50.00 TO STA. 42+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00006-01-8T	MADISON	33	30
MORRIS TRAIL			CONTRACT NO. 97499	
ILLINOIS FED. AID PROJECT				



DATE: _____
 BY: _____
 SURVEYED: _____
 CHECKED: _____
 PLOTTED: _____
 TEMPLATE: _____
 NO. _____

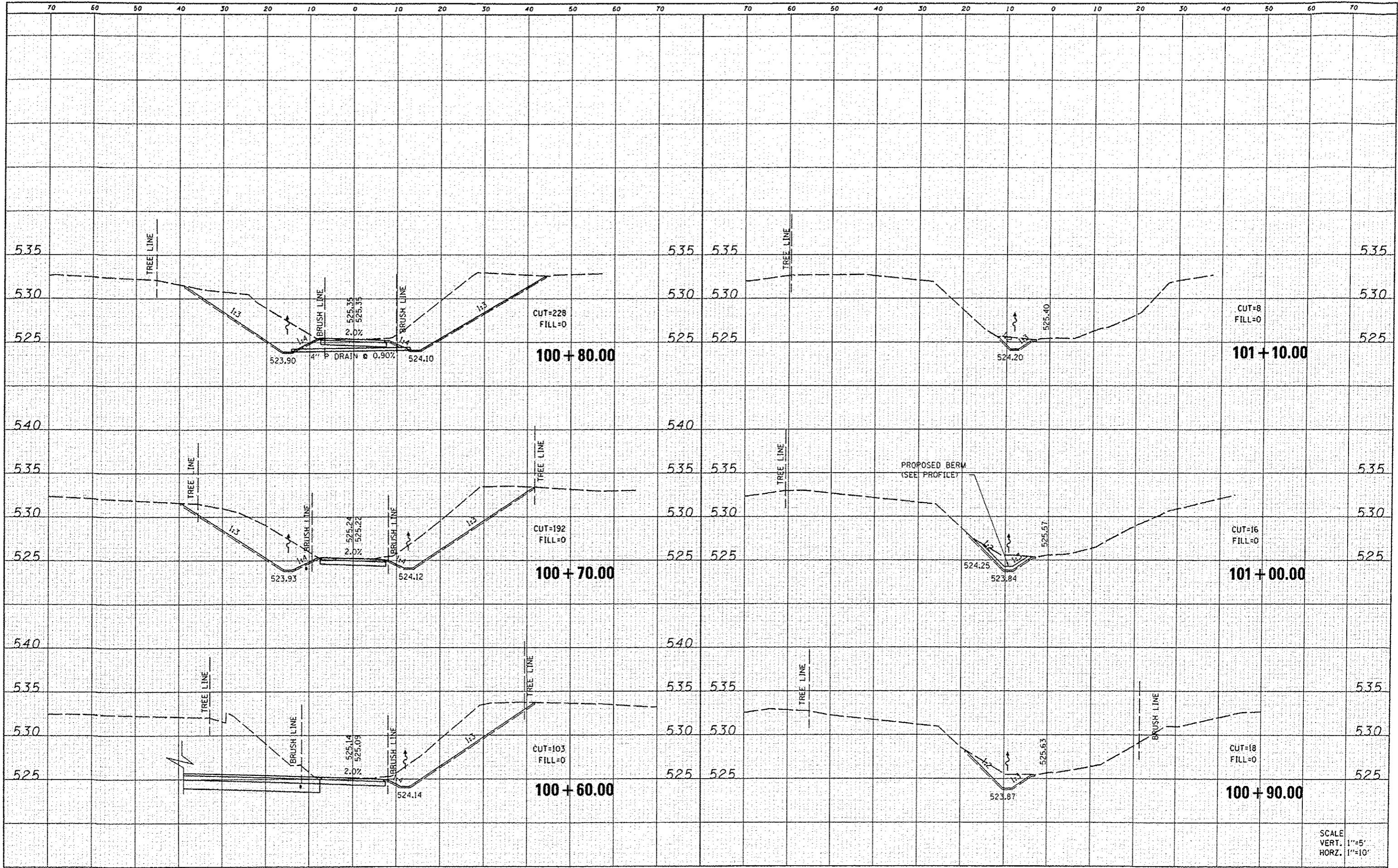
DATE: _____
 BY: _____
 SURVEYED: _____
 CHECKED: _____
 PLOTTED: _____
 TEMPLATE: _____
 NO. _____

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

FILE NAME: 0921973-shr-ssht.dgn	USER NAME: sandy	DESIGNED: _____	REVISED: _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS MORRIS TRAIL		F.A.U. RTE.: MORRIS TRAIL	SECTION: 10-00006-01-BT	COUNTY: MADISON	TOTAL SHEETS: 33	SHEET NO.: 31
	PLOT TIME: 2:01:37 PM	DRAWN: _____	REVISED: _____		SCALE: _____	SHEET 8 OF 8 SHEETS	STA. 43+00.00 TO STA. 47+00.00	CONTRACT NO. 97499		ILLINOIS FED. AID PROJECT	
	PLOT SCALE: 20.0000 / IN.	CHECKED: _____	REVISED: _____								
	PLOT DATE: 5/30/2012	DATE: _____	REVISED: _____								

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

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



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

FILE NAME	0829073-shr-ssht-conn.dgn
USER NAME	randy
PLOT TIME	2:04:39 PM
PLOT SCALE	20,0000 / IN.
PLOT DATE	5/30/2012

DESIGNED		REVISED	
DRAWN		REVISED	
CHECKED		REVISED	
DATE		REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CONNECTOR TRAIL

SCALE: SHEET 2 OF 2 SHEETS STA. 100+60.00 TO STA. 101+10.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00006-01-BT	MADISON	33	33
MORRIS TRAIL			CONTRACT NO. 97499	
ILLINOIS FED. AID PROJECT				