

U.S. DEPARTMENT OF TRANSPORTATION, MANUAL ON UNIFORM TRAFFIC CONTROL STANDARDS, 2009

AMERICAN ASSOCIATION OF STATE HIGHWAYS AND TRANSPORTATION OFFICIALS, GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES, 1999

ILLINOIS DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 1, 2012

DEPARTMENT OF TRANSPORTATION

# PROPOSED HERITAGE BIKEWAY

MADISON COUNTY TRANSIT DISTRICT

SECTION 06-00016-00-BT

MADISON COUNTY

PROJECT NO. TE-00D8(110)

JOB NO. C-98-301-07

FEDERAL AID PROJECT

STANDARDS

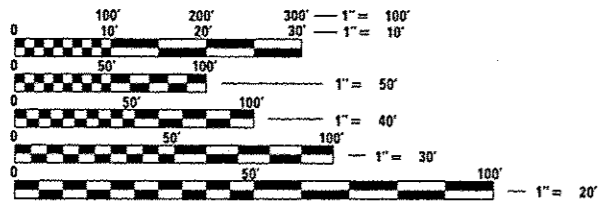
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424001-07	701106-02	720006-03
542301-03	701301-04	720011-01
542401-01	701306-03	729001-01
602301-03	701311-03	780001-03
604036-02	701316-07	BLR 17-4
606201-02	701400-06	BLR 18-5
635006-03	701401-07	

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END PROJECT STATION 525 + 13.44

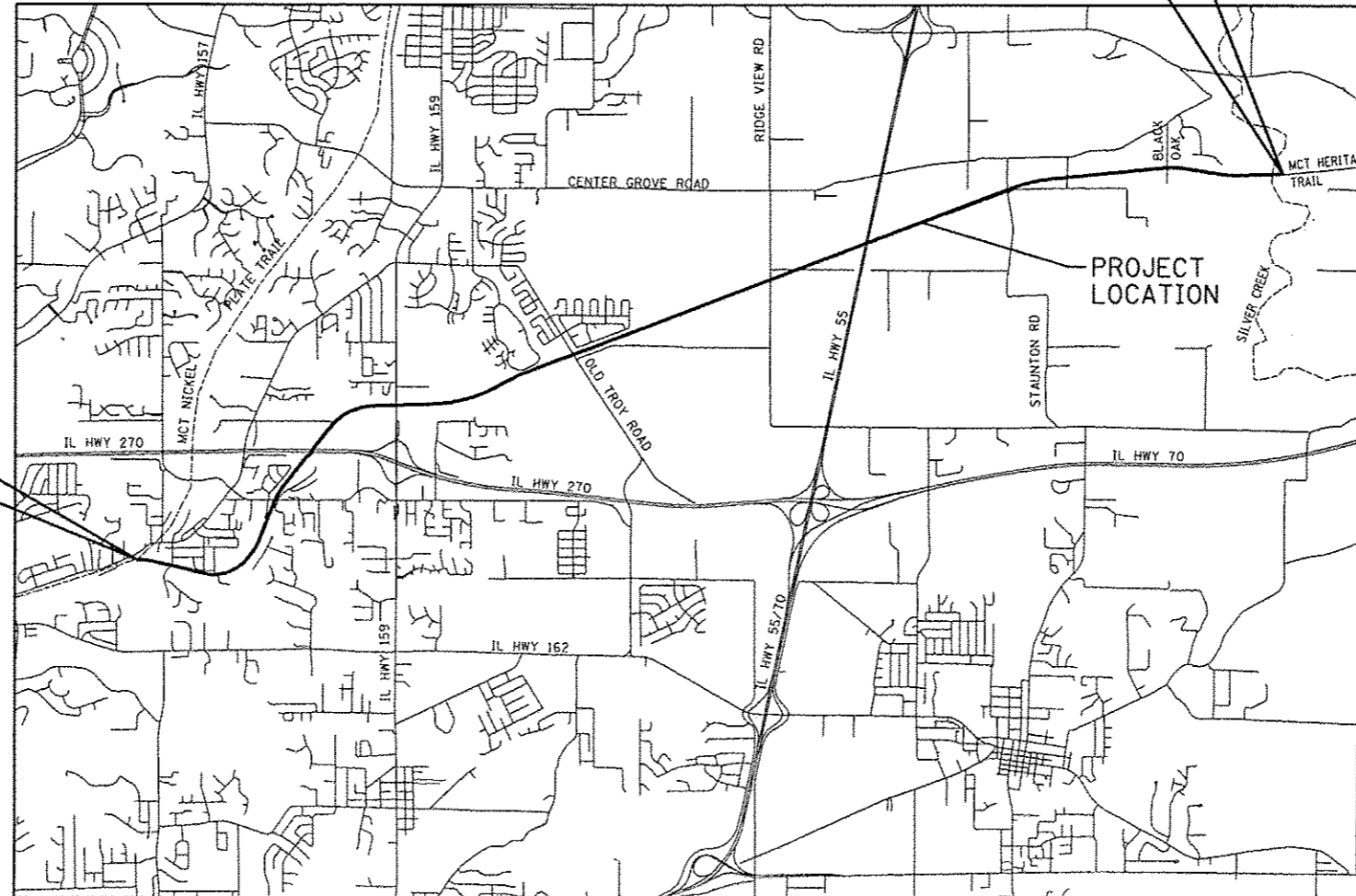
BEGIN PROJECT STATION 103 + 29.81



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

DESIGN DESIGNATION FOR HERITAGE BIKEWAY  
FUNCTIONAL CLASSIFICATION: BIKE TRAIL  
DESIGN SPEED: 20 MPH



LOCATION MAP

SCALE: 1" = 6000'

NET LENGTH OF PROJECT: 42,183.6 LIN. FT. = 7.989 MILES  
SECTION 3, T. 3 N., R. 8 W., 3RD P.M.  
SECTION 25, 26, 34, 35, T. 4 N., R. 8 W., 3RD P.M.  
SECTION 20, 21, 22, 23, 29, 30, T. 4 N., R. 7 W., 3RD P.M.



LOCATION OF SECTION INDICATED THUS: [Symbol]

STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION

Approved: 12/21/12  
*[Signature]*  
Local Agency Representative

Passed: 01/8/2013  
*[Signature]*  
District 8 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: 1/8/2013  
*[Signature]*  
Deputy Director of Highways, Region 5 Engineer



*[Signature]* 12/27/12  
WILLIAM J. BAUDENDISTEL, P.E. No. 42544 DATE  
Job No. E084403

Expires 11-30-13

**Juneau Associates, Inc. P.C.**  
CONSULTING ENGINEERS AND LAND SURVEYORS  
2100 State Street, P.O. Box 1325  
Granite City, Illinois 62040  
Phone: (618) 817-1400 / (618) 452-5535  
Fax: (618) 452-5541  
100 North Research Drive  
Edwardsville, Illinois 62025  
Phone: (618) 659-0900 / (618) 659-0800  
Fax: (618) 659-0941

**GENERAL NOTES**

- 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 MAY BE CONTACTED DIRECT. 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 OR 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 3 FEET CLEARANCE, MEASURED FROM THE EDGE OF THE BIKE TRAIL PAVEMENT 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.

AT&T  
203 GOETHE STREET  
FLOOR 2/12  
COLLINSVILLE, IL 62234  
(618)-346-6426  
ATTN: TODD ISAAK

SOUTHWEST ELECTRIC COOP  
P.O. BOX 549  
GREENVILLE, IL 62246  
(618)-664-1025  
ATTN: BEN WILES

VILLAGE OF GLEN CARBON  
151 NORTH MAIN STREET  
GLEN CARBON, IL 62034  
(618)-288-1200 x2614  
ATTN: THOMAS L. SEDLACEK

CHARTER COMMUNICATIONS  
MAPPING & DESIGN DEVELOPMENT  
941 CHARTER COMMONS  
TOWN & COUNTRY, MO 63017  
(636)-220-2174  
ATTN: LARRY SAAFIR

AMEREN IP  
2600 NORTH CENTER STREET  
P.O. BOX 378, MC Q-10  
MARYVILLE, IL 62062  
ATTN: STEVE RALSTON  
(618)-346-1236  
ATTN: MARK HOLDENER

ILLINOIS CONSOLIDATED TELEPHONE  
121 SOUTH 17TH STREET  
MATTOON, IL 61938  
(217)-235-3326  
ATTN: BARB WILLIAMS

BUCKEYE PIPELINE  
934 EDWARDSVILLE ROAD  
WOODRIVER, IL 62095  
ATTN: JIM JOHNSON

CENTER POINT ENERGY  
4500 WEST 61ST STREET  
LITTLE ROCK, AR 72209  
(501)-377-4614  
ATTN: RICK HARDESTER

- UTILITY 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 DELAY OR INCONVENIENCE CAUSED BY SAME.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- TOPSOIL MAY BE STOCKPILED ON SITE AND REUSED TO ENSURE THAT A MINIMUM OF 3 INCHES OF SUITABLE MATERIAL IS IN PLACE PRIOR TO SEEDING. SPREADING OF THIS MATERIAL SHALL BE INCIDENTAL TO SHOULDER SHAPING. TOP SOIL WILL BE CONSIDERED AS FURNISHED EXCAVATION.
- WHERE TREE REMOVAL CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LINE AND GRIND THE STUMP AS DIRECTED BY THE ENGINEER.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A MAXIMUM 2% CROSS SLOPE FOR ALL SECTIONS OF THE BIKE PATH PAVEMENT IN THE SAME DIRECTION AS THE ADJACENT GROUND LINE TO MAINTAIN DRAINAGE ACROSS THE BIKE PATH. SHOULDER SLOPES SHALL DRAIN AWAY FROM TRAIL PAVEMENT.
- SURPLUS AND/OR UNUSABLE MATERIAL SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". EXCESS GRADING MATERIAL SHALL BE WASTED ALONG THE EDGE OF THE BIKE TRAIL. CARE SHALL BE TAKEN TO ENSURE THAT WASTED MATERIAL SHALL BE KEPT OUT OF THE FLOWLINES OF EXISTING DITCHES AND/OR CREEK BEDS.
- THE LIMITS OF TREE REMOVAL SHALL BE 20-FOOT LEFT AND 20-FOOT RIGHT OF THE CENTERLINE OR AS SHOWN IN THE PLANS AND DIRECTED BY THE ENGINEER. THE ENGINEER SHALL ESTABLISH THE LIMIT OF TREE REMOVAL PRIOR TO THE CONTRACTOR'S TREE REMOVAL OPERATIONS. EVERY ATTEMPT SHALL BE MADE TO PROTECT OLD GROWTH TIMBER FROM REMOVAL.
- ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVED USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
- THE CONTRACTOR SHALL BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO ADJACENT PROPERTIES WHILE PERFORMING PIPE CULVERT REMOVAL AND INSTALLATION AT ENTRANCES.
- PIPE CULVERT INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE PIPE CULVERT SLOPES SHOWN ON THE PLANS IS THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF PIPE CULVERT SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER SHALL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLE 550.09 OF THE "STANDARD SPECIFICATIONS". FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET, AND FLOWLINE ELEVATION AT THE SECTION END OF THE FLARED END SECTION.
- EXCAVATIONS ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND STEADY BURN LIGHTS.
- THE EXACT LOCATION OF SIGNS, BOLLARDS AND KIOSKS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- ALL TRAFFIC SIGNS WITHIN THE LIMITS OF CONSTRUCTION WHICH INTERFER WITH CONSTRUCTION OPERATIONS ARE TO BE REMOVED AS A PART OF THE CONTRACT AS SPECIFIED IN ARTICLE 107.25 OF THE "STANDARD SPECIFICATIONS".
- CONTRACTOR SHALL ENSURE THAT THE TRAIL MAINTAINS A MINIMUM OF 3-FOOT HORIZONTAL CLEARANCE FROM ALL UTILITY VENTS, SIGNS, AND OTHER VERTICAL OBSTRUCTIONS.

- MARKED STATION AND OFFSETS ARE REFERENCED TO THE BASELINE OF CONSTRUCTION. THE BASELINE, FOUND IN THE PLANS, IS FOR SURVEYING INFORMATION ONLY.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH CROSS ROAD AS SHOWN IN THE PLANS, COST TO BE INCLUDED WITH TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLOURESCENT ORANGE. (48" X 48")
- IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.
- MULCH METHOD 1 IS DEDICATED TO TEMPORARY EROSION CONTROL SEEDING. MULCH METHOD 2 IS DEDICATED TO SEEDING, CLASS 2.
- FERTILIZER SHALL BE A READY-MIXED MATERIAL CONTAINING THE FOLLOWING NUTRIENTS IN PERCENT OF TOTAL WEIGHT OF THE READY-MIXED MATERIAL: 12% NITROGEN, 12% AVAILABLE PHOSPHORIC ACID, AND 12% WATER SOLUABLE POTASH (12-12-12 ANALYSIS) OR ANY OTHER MIXTURE HAVING A 1-1-1 RATIO.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

GRANULAR MATERIALS, WELL GRADED	2.05	TONS/CU YD
BITUMINOUS PAVEMENT	112	LBS/SQ YD/IN
BITUMINOUS MATERIALS (PRIMECOAT)	0.25	GAL/SQ YD
FERTILIZER NUTRIENTS	N 90	LB/ACRE
	P 90	LB/ACRE
	K 90	LB/ACRE

**THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:**

HERITAGE BIKEWAY			
MIXTURE USE	SURFACE	LEV BINDER	
ACPG	PG 64-22	PG 64-22	
RAP % (MAX)	10	10	
DESIGN AIR VOIDS	4.0% @ N <sub>des</sub> =50	4.0% @ N <sub>des</sub> =50	
MIX COMPOSITION (GRADATION MIXTURE)			
FRICITION AGG	MIXTURE C	MIXTURE C	

**LEGEND**

	FIRE HYDRANT		GAS METER
	SIGN		GAS VALVE
	BOLLARD		EXIST. R.O.W. LINE
	POWER POLE		WATER LINE
	POWER POLE WITH DOWN GUY		GAS LINE
	FENCE		OVERHEAD ELECTRIC LINE
	BENCH MARK		UNDERGROUND ELECTRIC LINE
	DITCH/SWALE		TELEPHONE LINE
	EXISTING MAILBOX		STREET LIGHT
	WATER METER		TEMP. DITCH CHECK
			EROSION CONTROL BLANKET

**HISTORIC MARKERS**

STATION	DESCRIPTION
HERITAGE BIKEWAY	
STA. 103+33.76 - 7.24' RT	#1 RAILROAD CONTROL TOWER
STA. 113+44.33 - 12.97' RT	#3 ILLINOIS CENTRAL DEPOT AT COLLINSVILLE ST
STA. 113+48.99 - 12.79' LT	#4 MADISON COAL CORPORATION OFFICES
STA. 124+78.72 - 23.21' RT	#6 COAL WASHER
STA. 125+02.78 - 09.16' LT	#7 SUMMIT STREET 1910 "LITTLE ITALY"
STA. 128+22.36 - 17.42' RT	THE SHALE PIT
STA. 140+65.17 - 12.70' LT	#2 MINE, MADISON COAL CORPORATION
STA. 218+26.61 - 11.50' RT	E ST. LOUIS INTERURBAN ELECTRIC LINE
STA. 281+72.19 - 213.42' RT	#15 MONT STATION GRAIN TOWER

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
20100500	TREE REMOVAL, ACRES	ACRE	3
20200100	EARTH EXCAVATION	CU YD	1396
20300100	CHANNEL EXCAVATION	CU YD	1335
20400800	FURNISHED EXCAVATION	CU YD	2097
20800150	TRENCH BACKFILL	CU YD	43
25000200	SEEDING, CLASS 2	ACRE	14.7
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1323
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1323
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1323
25000750	MOWING	ACRE	14.7
25100105	MULCH, METHOD 1	ACRE	14.7
25100115	MULCH, METHOD 2	ACRE	14.7
25100630	EROSION CONTROL BLANKET	SQ YD	2142
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1470
28000305	TEMPORARY DITCH CHECKS	FOOT	237
28000500	INLET AND PIPE PROTECTION	EACH	15
28100107	STONE RIPRAP, CLASS A4	SQ YD	1219
28100109	STONE RIPRAP, CLASS A5	SQ YD	1940
28100111	STONE RIPRAP, CLASS A6	SQ YD	644
28200200	FILTER FABRIC	SQ YD	3803
30200150	PROCESSING MODIFIED SOIL 6"	SQ YD	55582
30201700	PORTLAND CEMENT	TON	686
35100110	AGGREGATE BASE COURSE, TYPE A	CU YD	123
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	857
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	405
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	11805
40600300	AGGREGATE (PRIME COAT)	TON	2
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	2719
40600895	CONSTRUCTING TEST STRIP	EACH	1
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5383
42001300	PROTECTIVE COAT	SQ YD	234
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	15

SUMMARY OF QUANTITIES

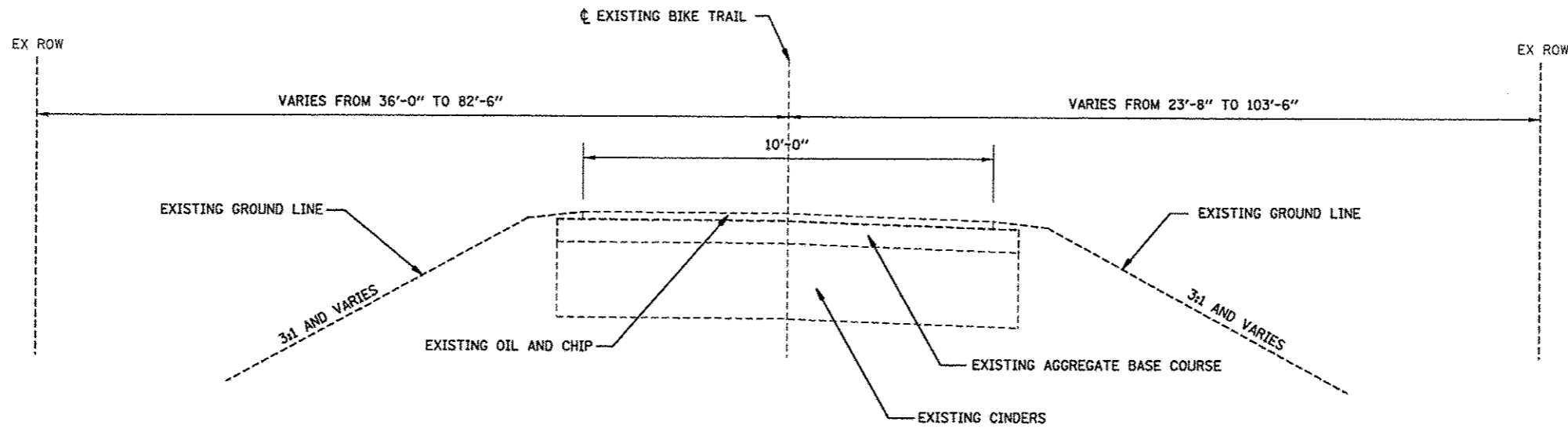
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	2108
42400800	DETECTABLE WARNINGS	SQ FT	300
44000100	PAVEMENT REMOVAL	SQ YD	64
44000400	GUTTER REMOVAL	FOOT	98
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6
44000600	SIDEWALK REMOVAL	SQ FT	412
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	46448
50105220	PIPE CULVERT REMOVAL	FOOT	138
50201101	COFFERDAM (TYPE 1) (LOCATION-1)	EACH	1
50300280	CONCRETE ENCASEMENT	CU YD	18
50700105	TREATED TIMBER	FBM	85315
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	16
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	75
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	16
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	105
54213447	END SECTIONS 12"	EACH	2
54213450	END SECTIONS 15"	EACH	4
54213453	END SECTIONS 18"	EACH	2
54213459	END SECTIONS 24"	EACH	12
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	236
59000200	EPOXY CRACK INJECTION	FOOT	13
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60255500	MANHOLES TO BE ADJUSTED	EACH	22
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5
66400305	CHAIN LINK FENCE, 6'	FOOT	176
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	25
67100100	MOBILIZATION	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	518
73000100	WOOD SIGN SUPPORT	FOOT	1134
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	11794
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	309
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	402

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
78300100	PAVEMENT MARKING REMOVAL	SQ FT	63
△ 20076600	TRAINVEES	HOUR	1000
Z0004002	BOLLARDS	EACH	48
△ 20076604	TRAINVEES TRAINING PROGRAM GRADUATE	HOUR	1000
Z0005305	BOX CULVERTS TO BE CLEANED	FOOT	256
Z0006000	BRIDGE DECK CONCRETE OVERLAY	SQ YD	35
* Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO.1	L SUM	1
* Z0007601	BUILDING REMOVAL NO. 1	L SUM	1
* Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	211
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	358
Z0077800	WOOD POST	EACH	34
Z0078000	WOOD RAIL	FOOT	744
X0301797	GATE REMOVAL	EACH	16
X0326406	INFORMATION KIOSK COMPLETE	EACH	5
X0327009	REMOVE SIGN (SPECIAL)	EACH	6
X0350805	FOLD DOWN BOLLARDS	EACH	23
X0350810	BOLLARD REMOVAL	EACH	2
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	82522
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	153
X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	2000
X4201400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	126
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	5
X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	180
X5000015	REMOVE AND RE-INSTALL PIPE CULVERTS	FOOT	16
X5010205	REMOVAL OF EXISTING STRUCTURE, SPECIAL	EACH	9
X5420624	PIPE CULVERTS TO BE CLEANED 24"	FOOT	80
X6330705	RUB RAIL	FOOT	261
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
X7200095	FURNISH AND ERECT SIGN PANEL	SQ FT	72
XX008821	STAINLESS STEEL BANDS	FOOT	154
XX008822	TIMBER BEAM REPAIR	L SUM	1
* XX008823	PAINT REMOVAL	SQ FT	11000

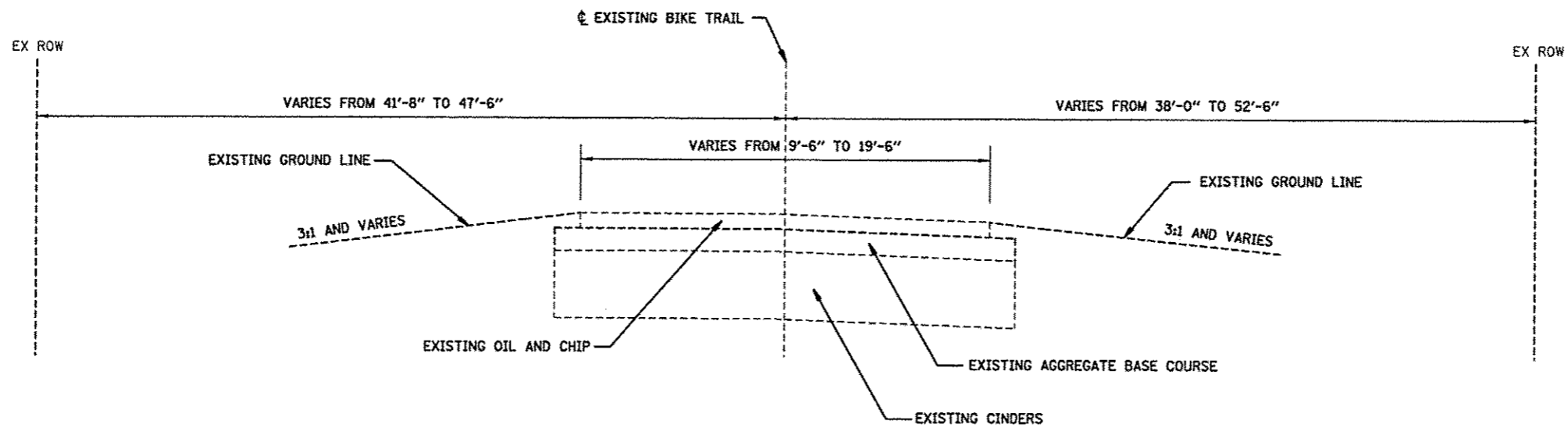
\* SPECIALTY ITEMS

△ 0042



**EXISTING TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 103+29.81 TO STA. 107+78.88	STA. 167+64.34 TO STA. 185+79.69	STA. 354+68.30 TO STA. 363+88.06
STA. 108+82.95 TO STA. 114+13.96	STA. 186+57.80 TO STA. 198+28.66	STA. 375+00.00 TO STA. 387+42.56
STA. 118+97.65 TO STA. 129+00.44	STA. 198+94.16 TO STA. 218+62.96	STA. 388+35.42 TO STA. 388+94.99
STA. 129+20.12 TO STA. 156+91.80	STA. 220+62.56 TO STA. 227+12.90	STA. 390+23.09 TO STA. 440+42.79
STA. 157+71.00 TO STA. 163+73.95	STA. 228+32.56 TO STA. 233+05.93	STA. 440+67.21 TO STA. 461+36.46
STA. 164+17.28 TO STA. 166+98.17	STA. 233+84.30 TO STA. 282+72.49	STA. 461+52.42 TO STA. 495+54.51
	STA. 283+28.05 TO STA. 354+47.08	STA. 495+66.09 TO STA. 525+13.44

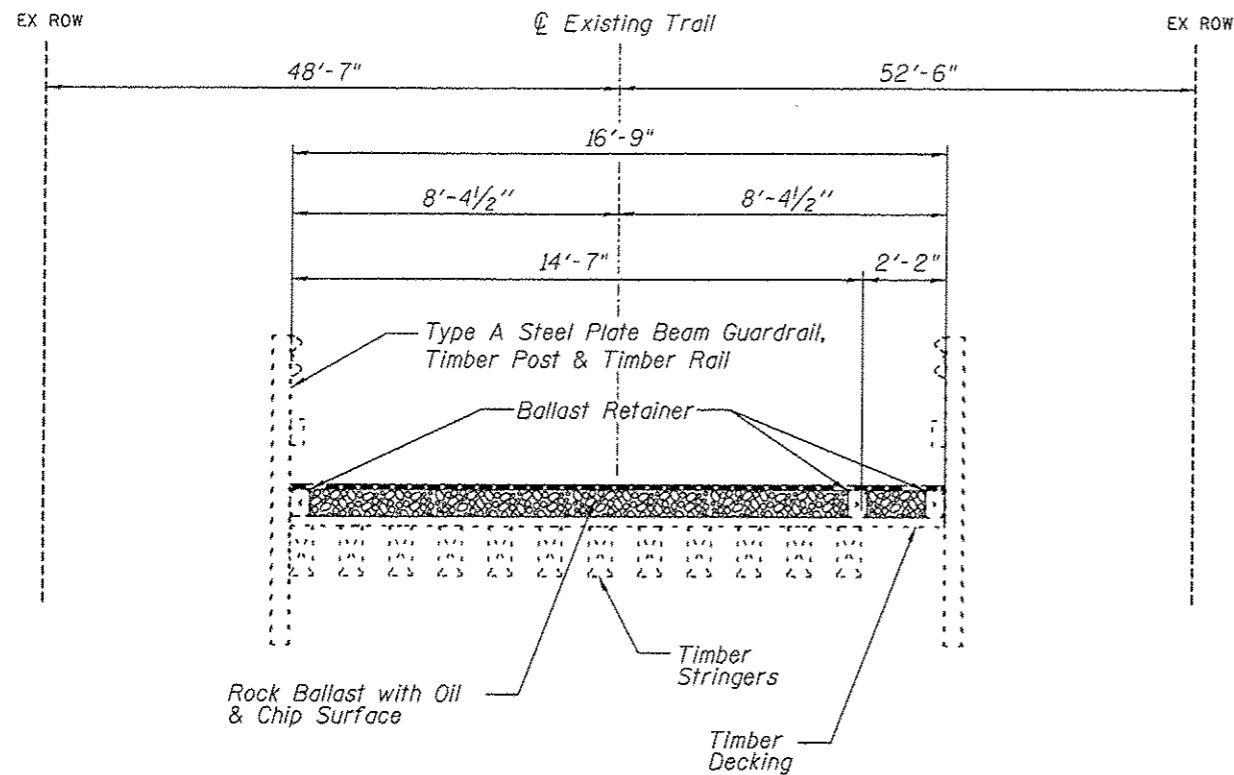


**EXISTING TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 114+37.15 TO STA. 117+96.65
STA. 364+19.27 TO STA. 375+00.00

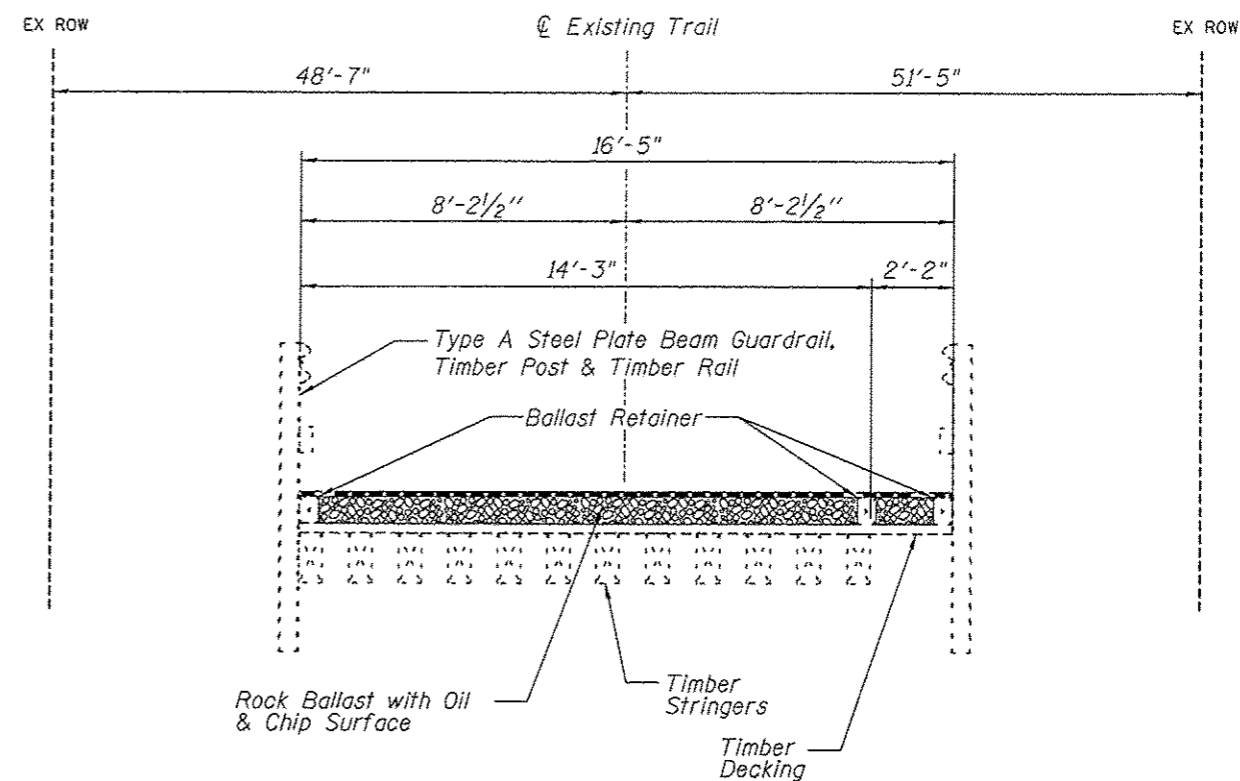
FILE NAME * Typ.ex.dgn	USER NAME * jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>EXISTING BIKEWAY TYPICAL SECTIONS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - JDH	REVISED -				06-00016-00-BT	MADISON	310	4	
	PLOT DATE * 12/17/2012	CHECKED - WJB	REVISED -		CONTRACT NO. 97433						
	DATE - 11/30/12	REVISED -	SCALE: N.T.S.		SHEET NO. 1 OF 5 SHEETS		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			





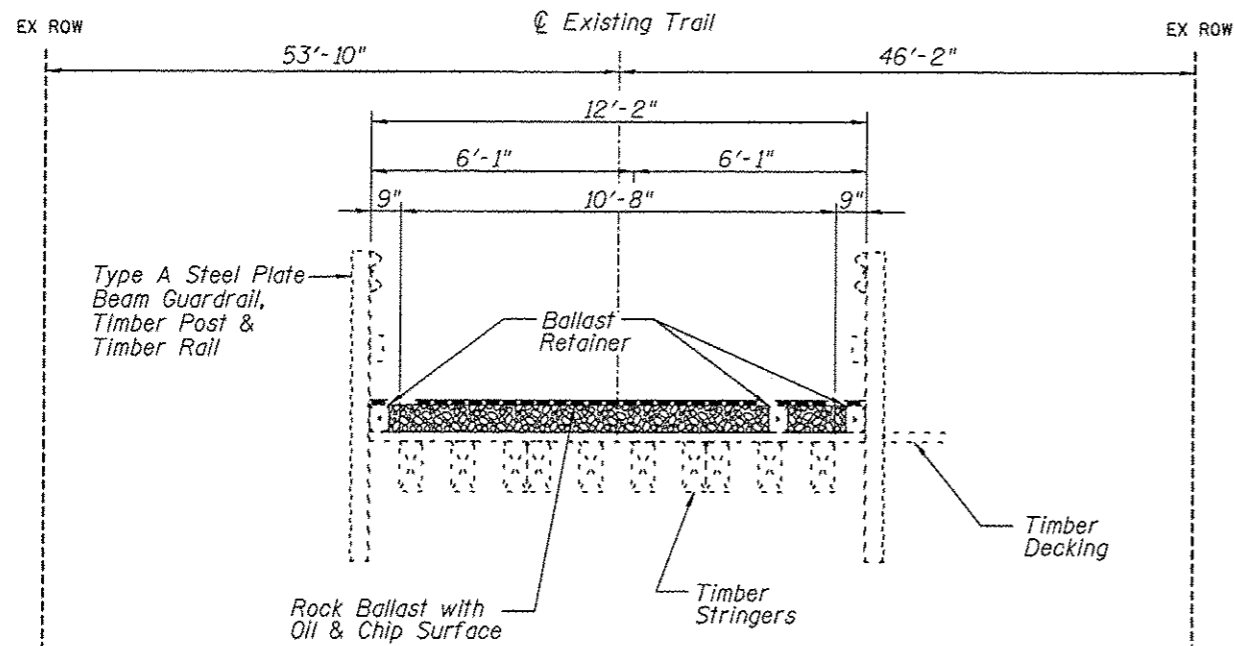
**EXISTING TYPICAL SECTION - STRUCTURE NO. 1**  
(Looking East)

STA. 107+78.88 TO STA. 108+82.95



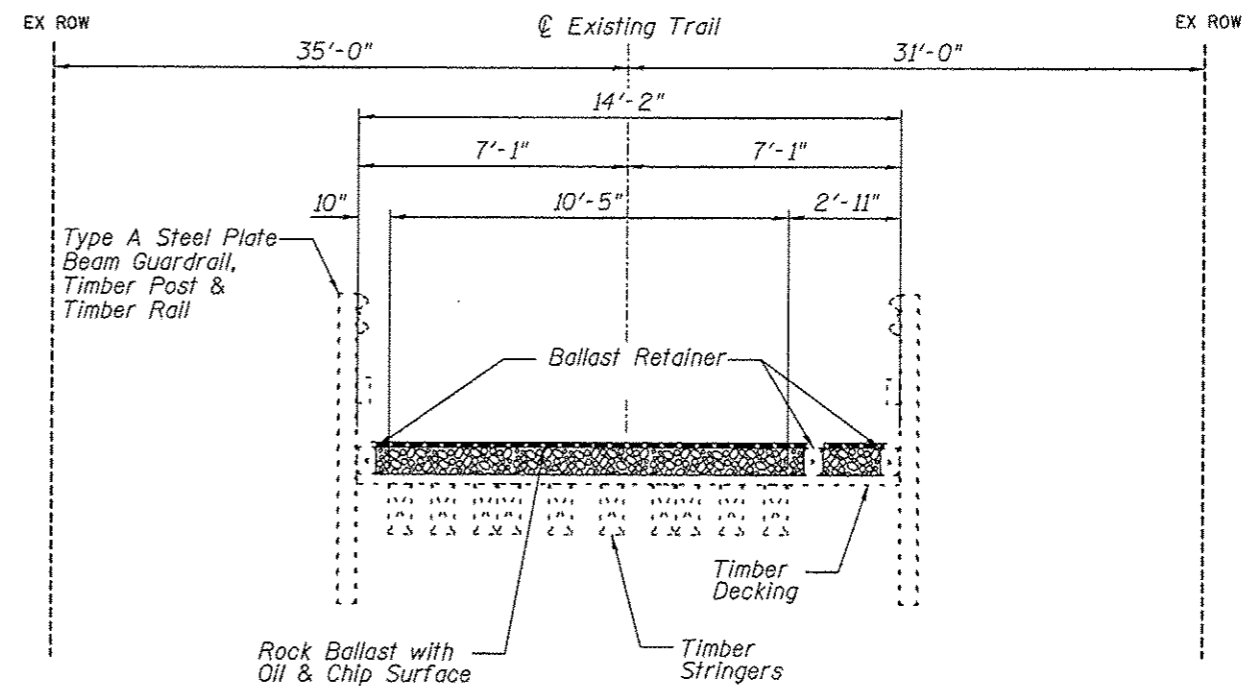
**EXISTING TYPICAL SECTION - STRUCTURE NO. 2**  
(Looking East)

STA. 117+96.64 TO STA. 118+97.65



**EXISTING TYPICAL SECTION - STRUCTURE NO. 3**  
(Looking North)

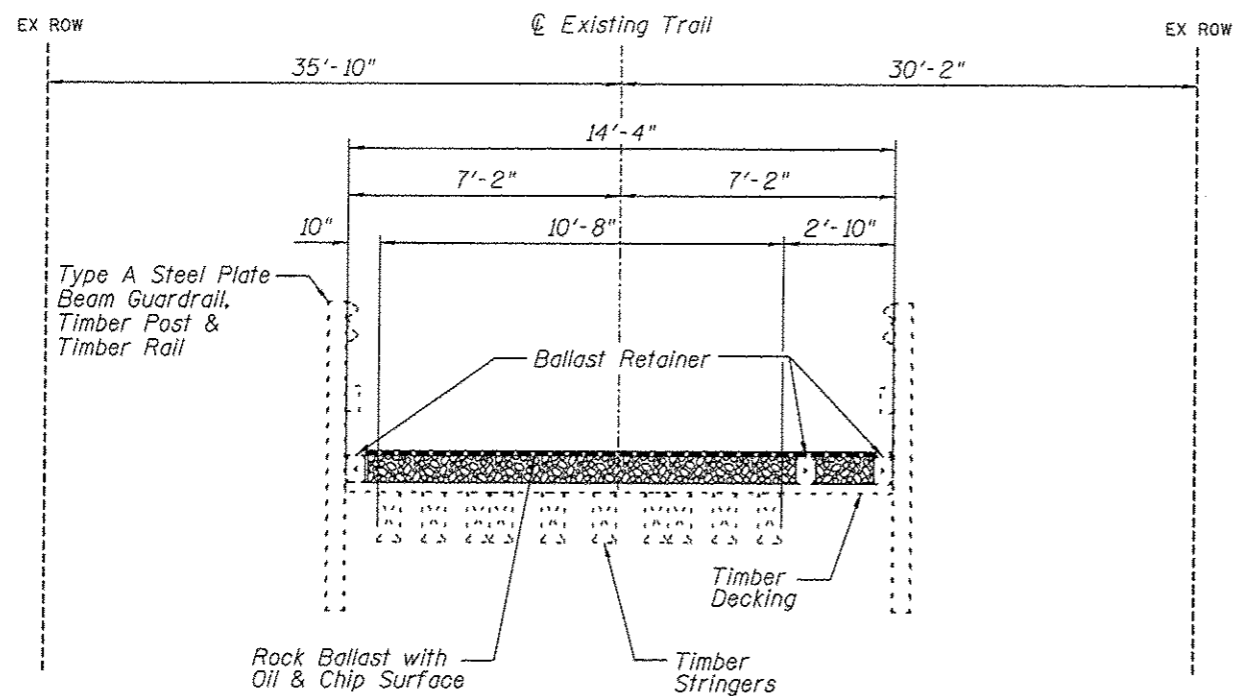
STA. 156+91.80 TO STA. 157+71.00



**EXISTING TYPICAL SECTION - STRUCTURE NO. 4**  
(Looking North)

STA. 166+98.17 TO STA. 167+64.34

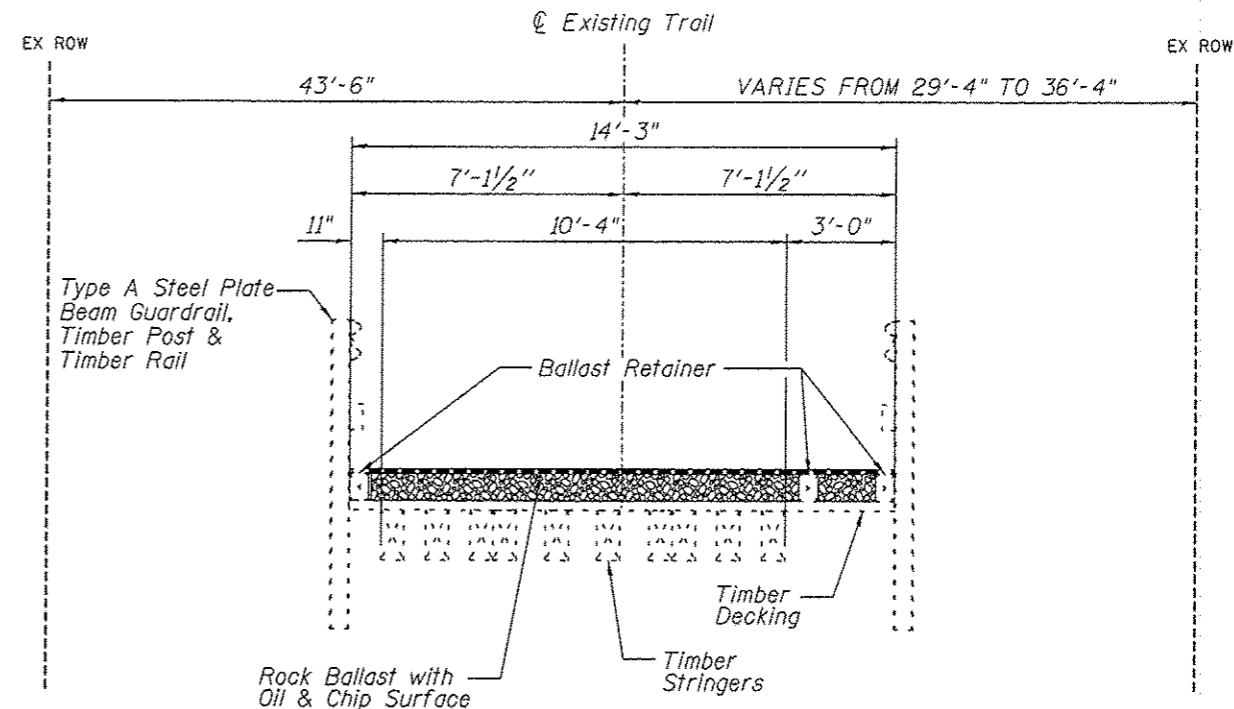
FILE NAME * Typ-ex.dgn	USER NAME * jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>EXISTING BRIDGE TYPICAL SECTIONS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - JDH	REVISED -				06-00016-00-BT	MADISON	310	5	
PLOT DATE * 12/17/2012	CHECKED - WJB	REVISED -	SCALE: N.T.S.		SHEET NO. 2 OF 5 SHEETS		CONTRACT NO. 97433				
	DATE - 11/30/12	REVISED -	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT						



**EXISTING TYPICAL SECTION - STRUCTURE NO. 5**

(Looking North)

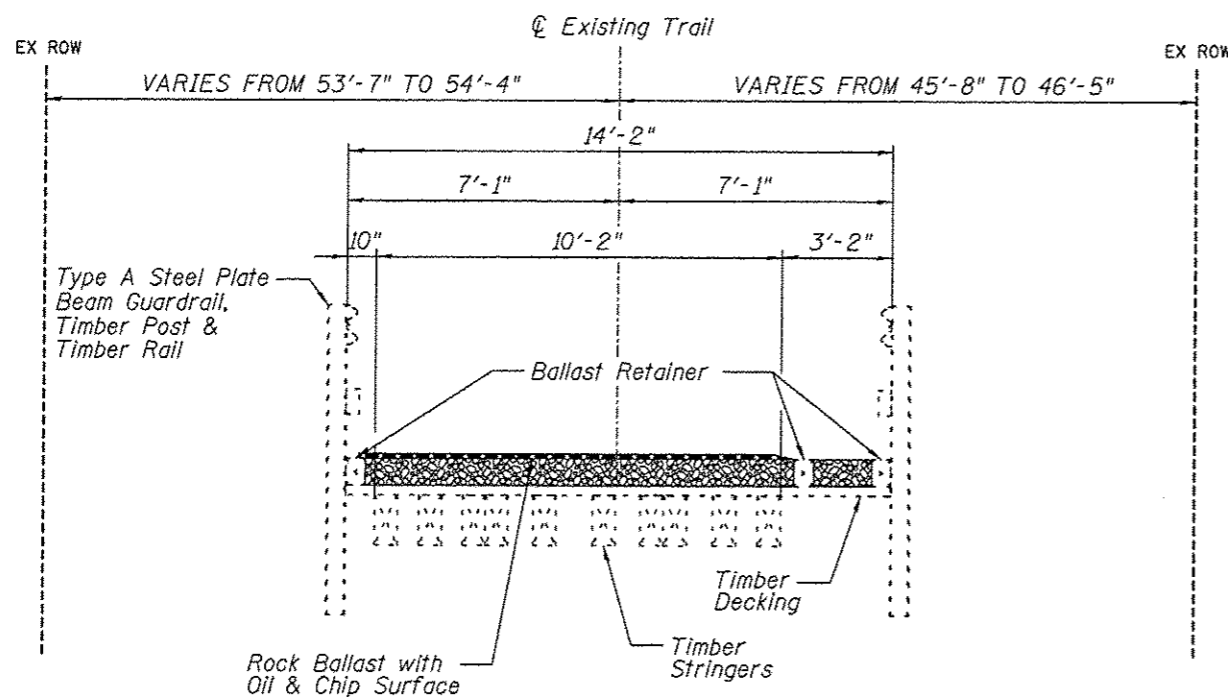
STA. 185+79.69 TO STA. 186+57.80



**EXISTING TYPICAL SECTION - STRUCTURE NO. 6**

(Looking North)

STA. 198+28.66 TO STA. 198+94.16



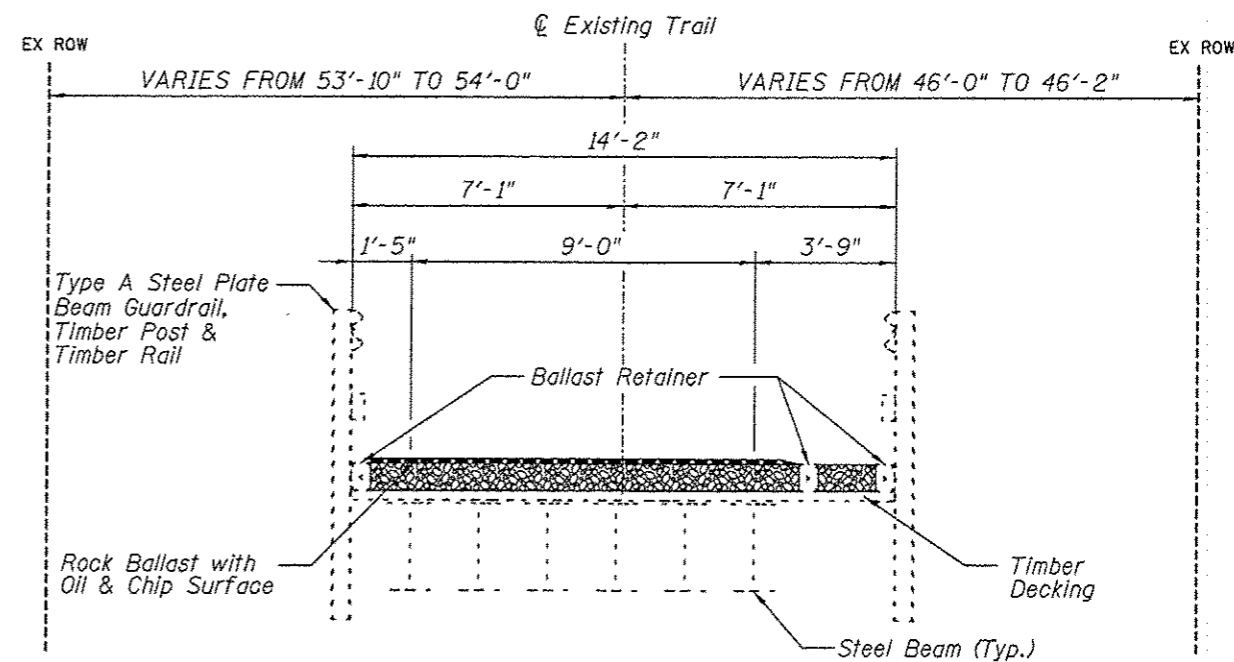
**EXISTING TYPICAL SECTION - STRUCTURE NO. 8**

**SPANS 1, 2, 4, 5 & 6**

(Looking East)

STA. 227+32.06 TO STA. 227+58.14

STA. 227+92.39 TO STA. 228+32.56



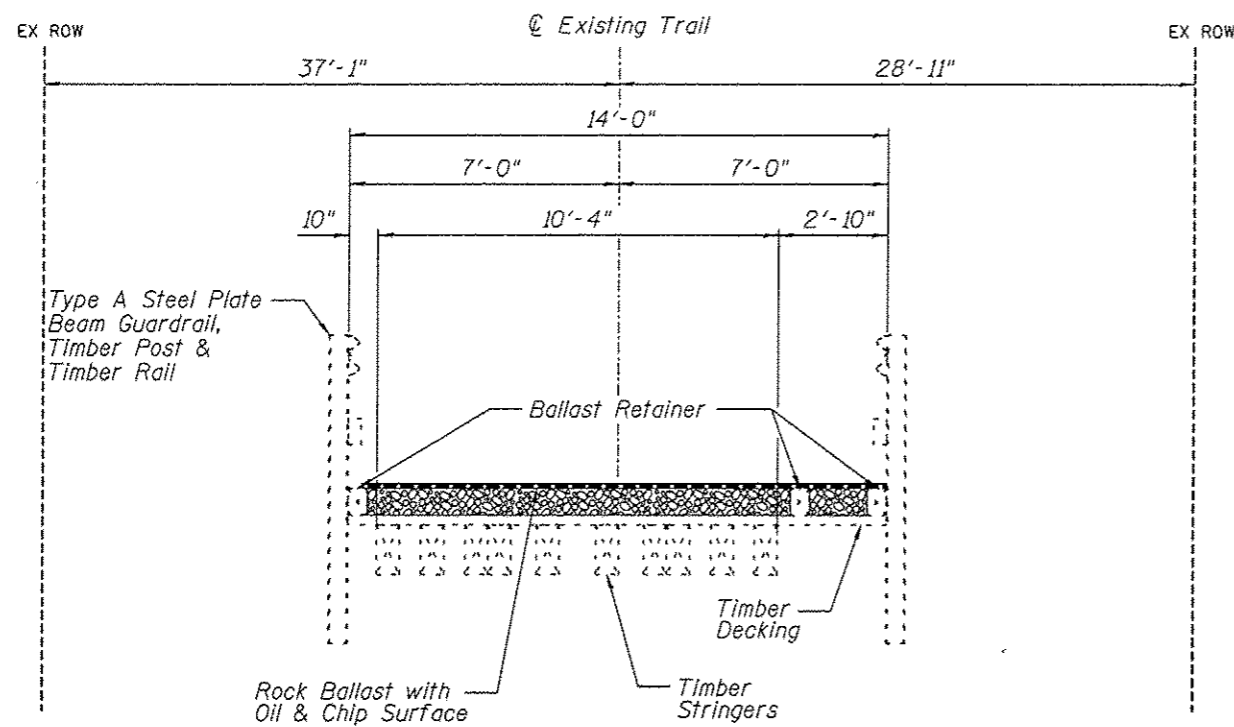
**EXISTING TYPICAL SECTION - STRUCTURE NO. 8**

**SPAN 3**

(Looking East)

STA. 227+58.14 TO STA. 227+92.39

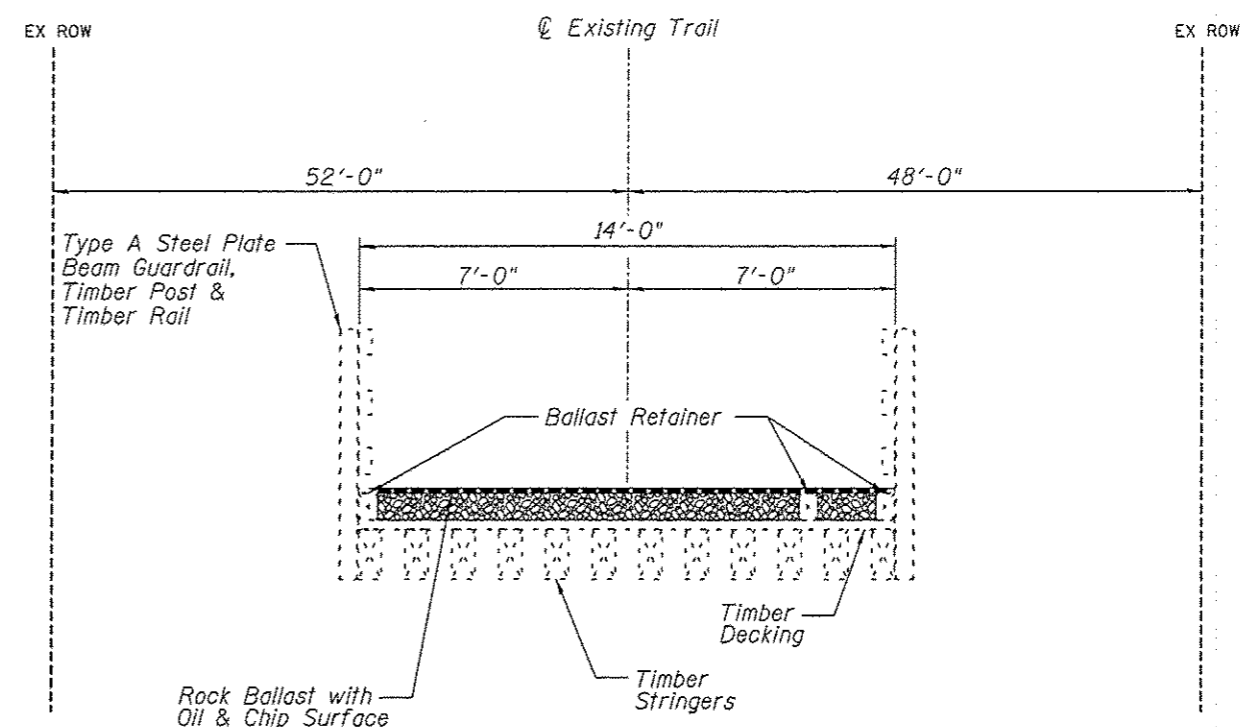
FILE NAME Typ.ex.dgn	USER NAME	DESIGNED	REVISED	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>EXISTING BRIDGE TYPICAL SECTIONS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLLOT SCALE	DRAWN	REVISED				06-00016-00-BT	MADISON	310	6	
	PLLOT DATE	CHECKED	REVISED				CONTRACT NO. 97433				
		DATE	REVISED				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
		SAS			SCALE: N.T.S.	SHEET NO. 3 OF 5 SHEETS					



**EXISTING TYPICAL SECTION - STRUCTURE NO. 9**

(Looking East)

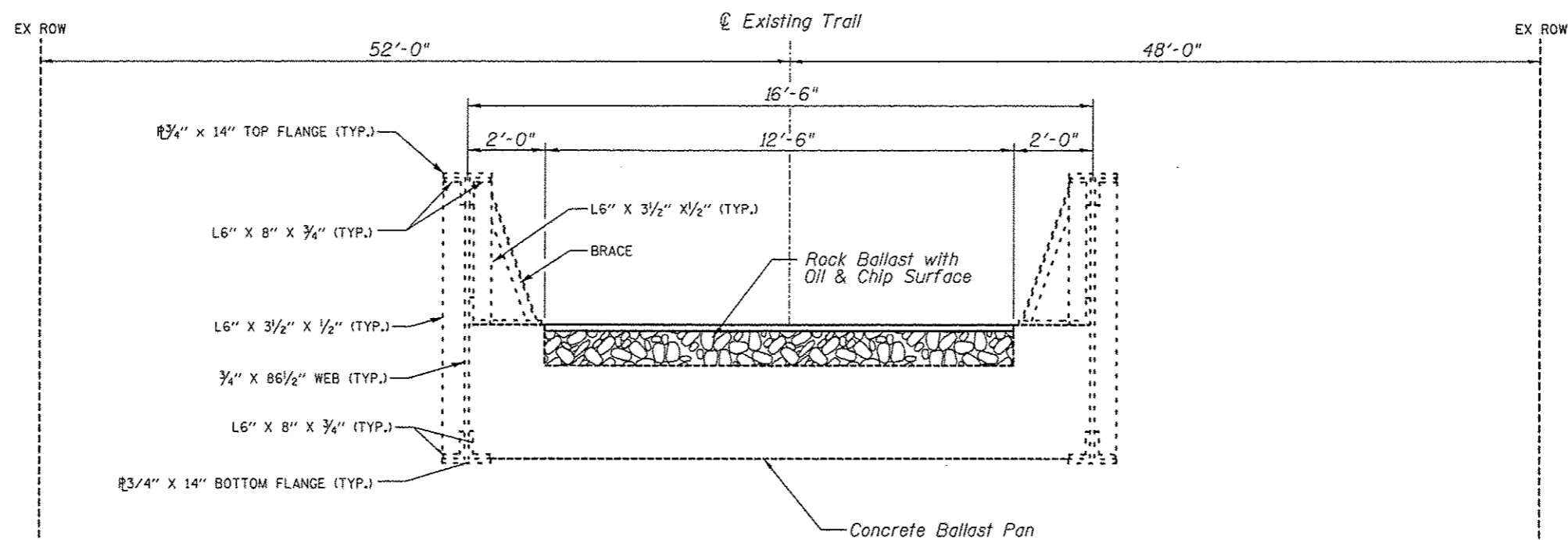
STA. 233+05.93 TO STA. 233+84.30



**EXISTING TYPICAL SECTION - STRUCTURE NO. 11**

(Looking East)

STA. 387+42.56 TO STA. 388+35.42

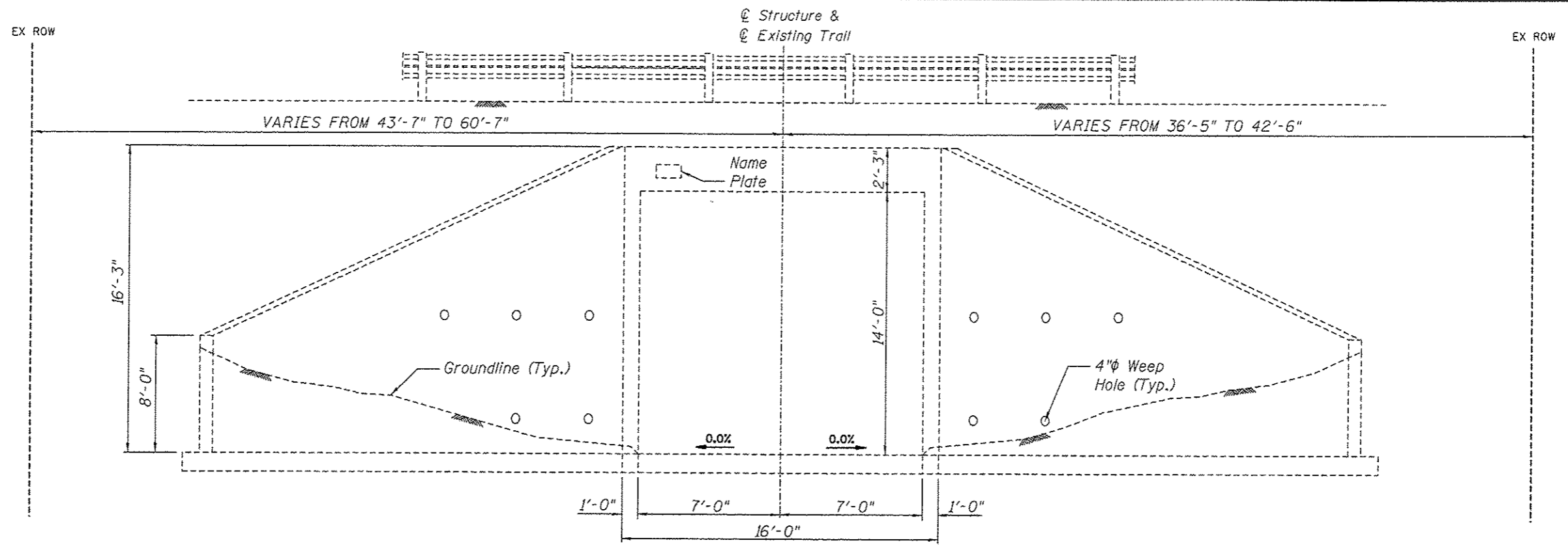


**EXISTING TYPICAL SECTION - STRUCTURE NO. 12**

(Looking East)

STA. 388+94.99 TO STA. 390+23.09

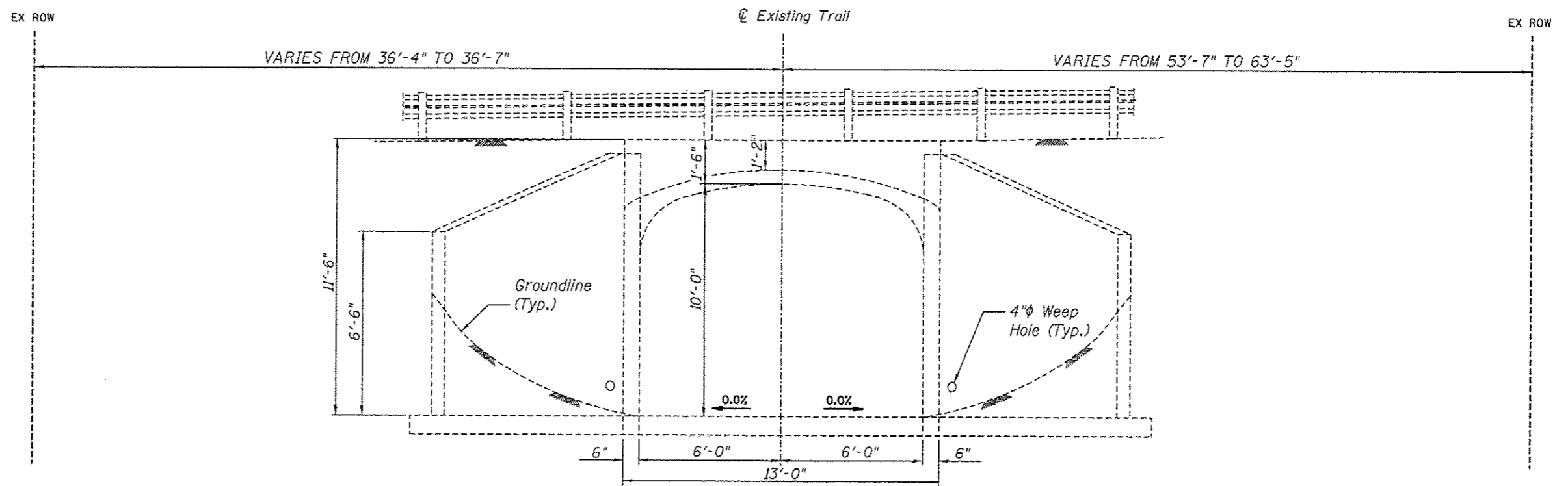
FILE NAME * Typ.ex.dgn	USER NAME * joremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>EXISTING BRIDGE TYPICAL SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - JDH	REVISED -					06-00016-00-BT	MADISON	310	7	
	PLOT DATE * 12/17/2012	CHECKED - WJB	REVISED -		SCALE: N.T.S.	SHEET NO. 4 OF 5 SHEETS	CONTRACT NO. 97433					
	DATE - 11/30/12	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



**EXISTING TYPICAL SECTION - STRUCTURE NO. 7**

(Looking North)

STA. 218+62.96 TO STA. 220+62.56



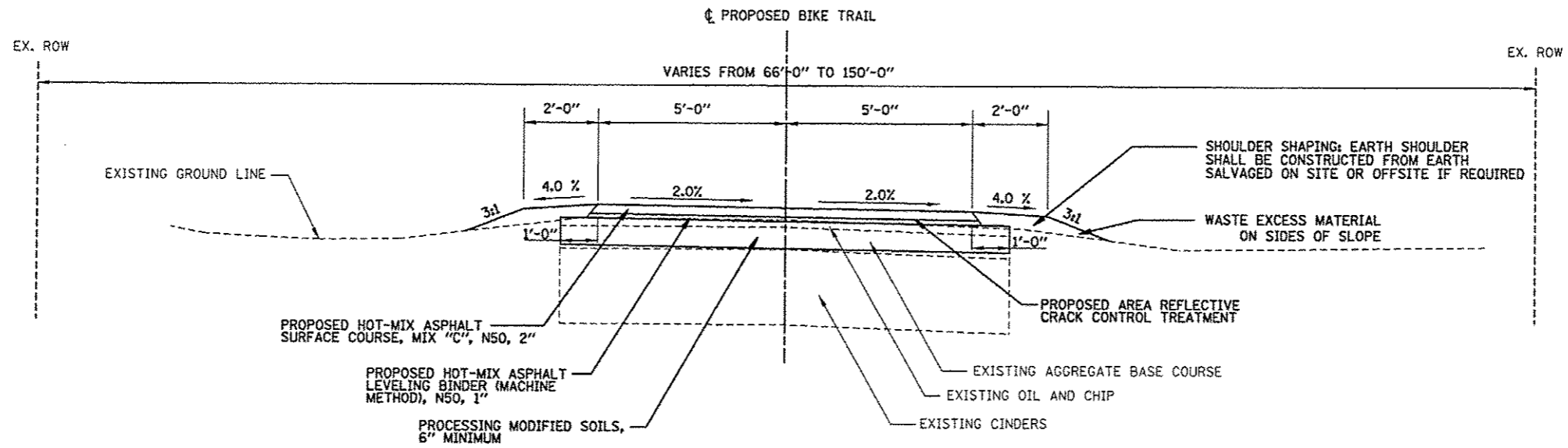
**EXISTING TYPICAL SECTION - STRUCTURE NO. 10**

(Looking North)

STA. 282+72.49 TO STA. 283+28.05

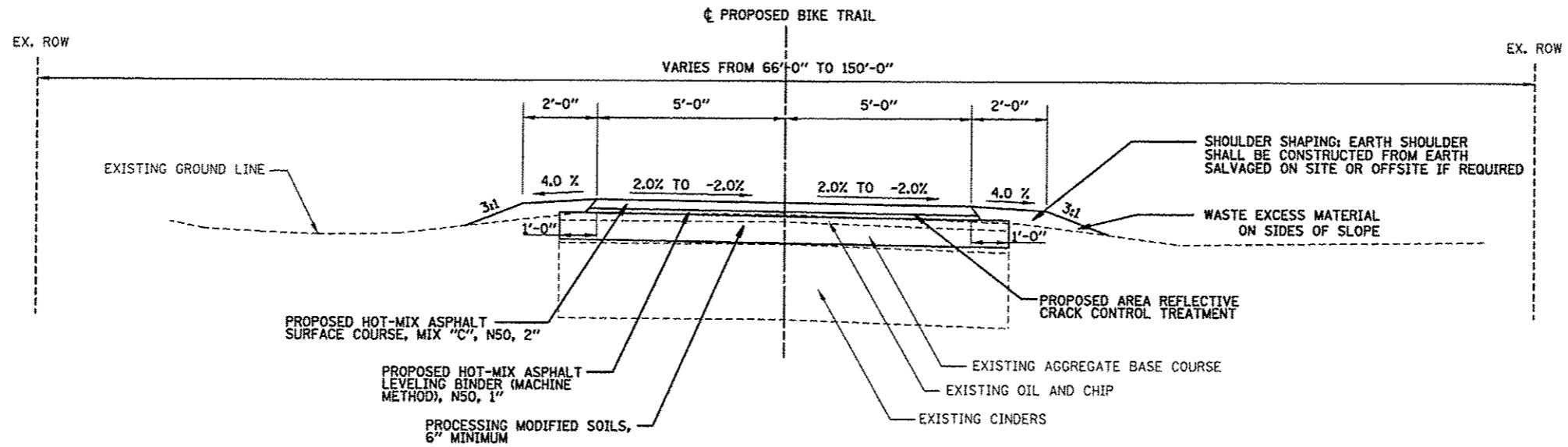
FILE NAME * Typ_ex.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>EXISTING TUNNEL TYPICAL SECTIONS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE*	DRAWN - JDH	REVISED -				06-00016-00-BT	MADISON	310	8	
PLOT DATE * 12/17/2012	CHECKED - WJB	DATE - 11/30/12	REVISED -	SCALE: N.T.S. SHEET NO. 5 OF 5 SHEETS		CONTRACT NO. 97433		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			





**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 103+29.81 TO STA. 107+23.58	STA. 364+69.27 TO STA. 386+86.73
STA. 114+87.12 TO STA. 117+41.95	STA. 388+90.42 TO STA. 388+94.99
STA. 119+52.65 TO STA. 156+36.50	STA. 390+23.09 TO STA. 423+25.00
STA. 164+67.28 TO STA. 166+43.76	STA. 427+75.00 TO STA. 439+94.78
STA. 168+19.34 TO STA. 185+24.99	STA. 441+17.16 TO STA. 460+86.97
STA. 199+48.62 TO STA. 218+12.96	STA. 462+01.79 TO STA. 469+75.00
STA. 221+12.56 TO STA. 226+77.06	STA. 475+25.00 TO STA. 479+75.00
STA. 238+22.82 TO STA. 270+50.00	STA. 483+25.00 TO STA. 495+04.54
STA. 355+18.80 TO STA. 363+38.03	STA. 496+16.11 TO STA. 524+63.44



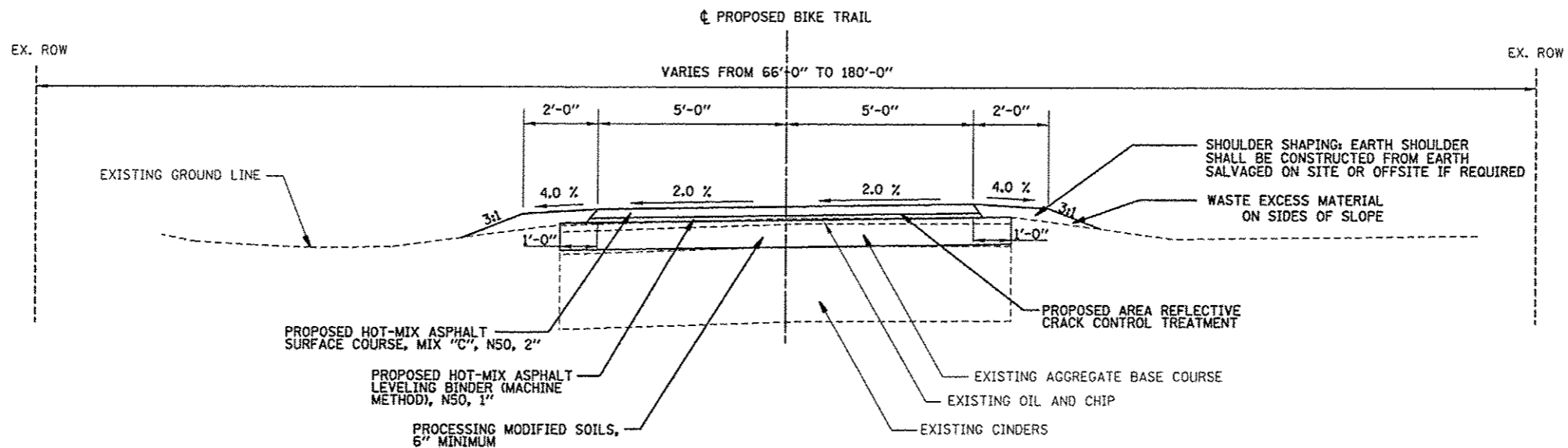
**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 270+50.00 TO STA. 271+50.00

**NOTE:**

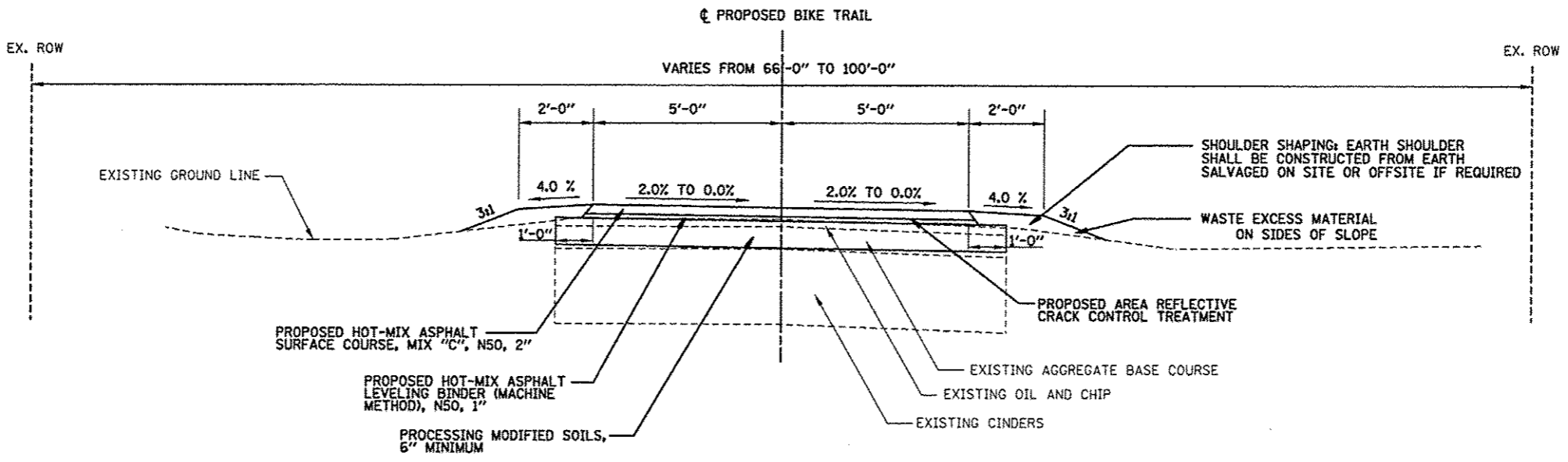
EXISTING DITCHES SHALL BE CLEANED OF DEBRIS AND/OR REGRADED TO ENSURE GOOD DRAINAGE THROUGHOUT THE PROJECT. SOME AREAS WILL REQUIRE ADDITIONAL DITCHES TO BE CUT TO MAINTAIN DRAINAGE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

FILE NAME = Typ_prop.dgn	USER NAME = Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FLDT SCALE = #SCALE#	CHECKED - WJB	REVISOR -	06-00016-00-BT			MADISON	310	9		
FLDT DATE = 12/17/2012	DATE - 11/30/12	REVISOR -	CONTRACT NO. 97433							
SCALE: N.T.S. SHEET NO. 1 OF 14 SHEETS						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 109+38.00 TO STA. 113+64.00  
 STA. 158+26.00 TO STA. 163+23.92  
 STA. 187+13.41 TO STA. 197+73.01  
 STA. 229+57.56 TO STA. 232+50.93  
 STA. 271+50.00 TO STA. 282+22.49  
 STA. 283+78.05 TO STA. 351+16.66  
 STA. 353+16.66 TO STA. 353+97.07



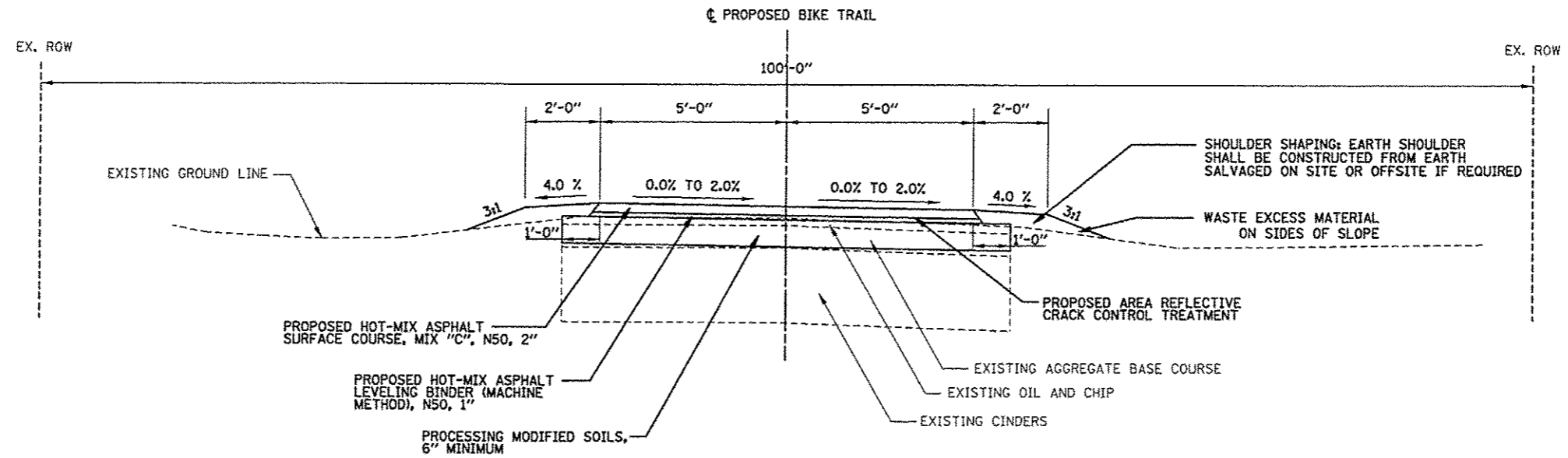
**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 107+23.58 TO STA. 107+73.58  
 STA. 117+41.95 TO STA. 117+91.63  
 STA. 156+36.50 TO STA. 156+86.50  
 STA. 166+43.76 TO STA. 166+93.17  
 STA. 185+24.99 TO STA. 185+74.99  
 STA. 218+12.96 TO STA. 218+62.96  
 STA. 226+77.06 TO STA. 227+27.06  
 STA. 386+86.73 TO STA. 387+46.73  
 STA. 524+63.44 TO STA. 525+13.44

**NOTE:**

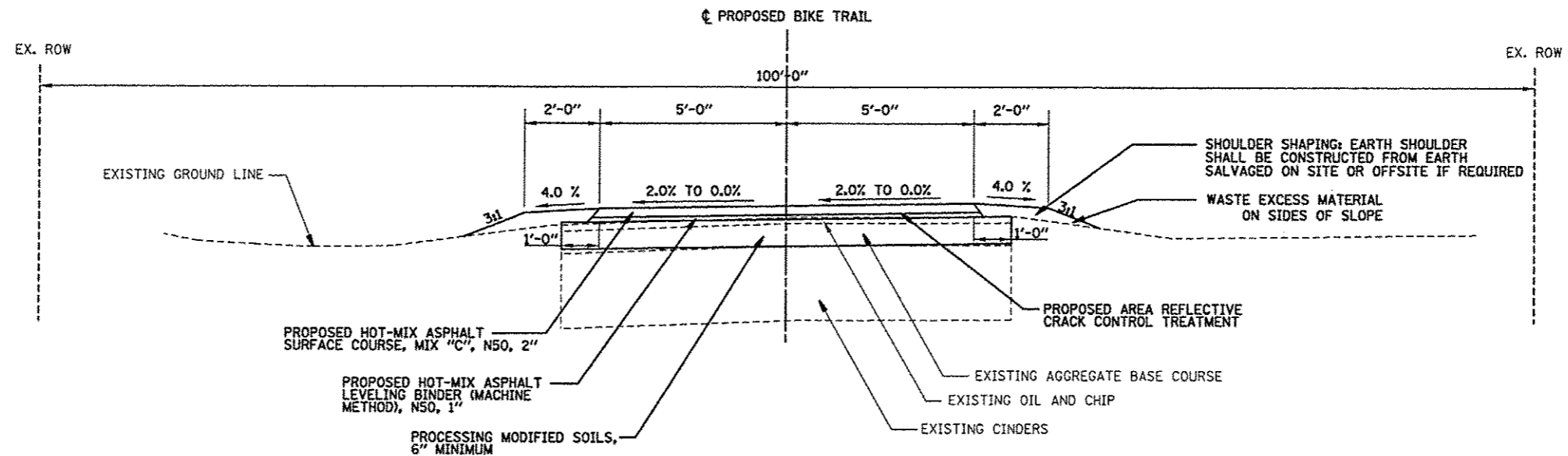
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FILE NAME * Typ_prop.dgn	USER NAME * jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE*	DRAWN - JDH	REVISED -				06-00016-00-BT	MADISON	310	10	
PLOT DATE = 12/17/2012	CHECKED - WJB	REVISIED -		SCALE: N.T.S.	SHEET NO. 2 OF 14 SHEETS	CONTRACT NO. 97433		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 119+02.65 TO STA. 119+52.65  
 STA. 167+69.34 TO STA. 168+19.34  
 STA. 198+98.62 TO STA. 199+48.62  
 STA. 220+62.56 TO STA. 221+12.56  
 STA. 388+49.90 TO STA. 388+90.42



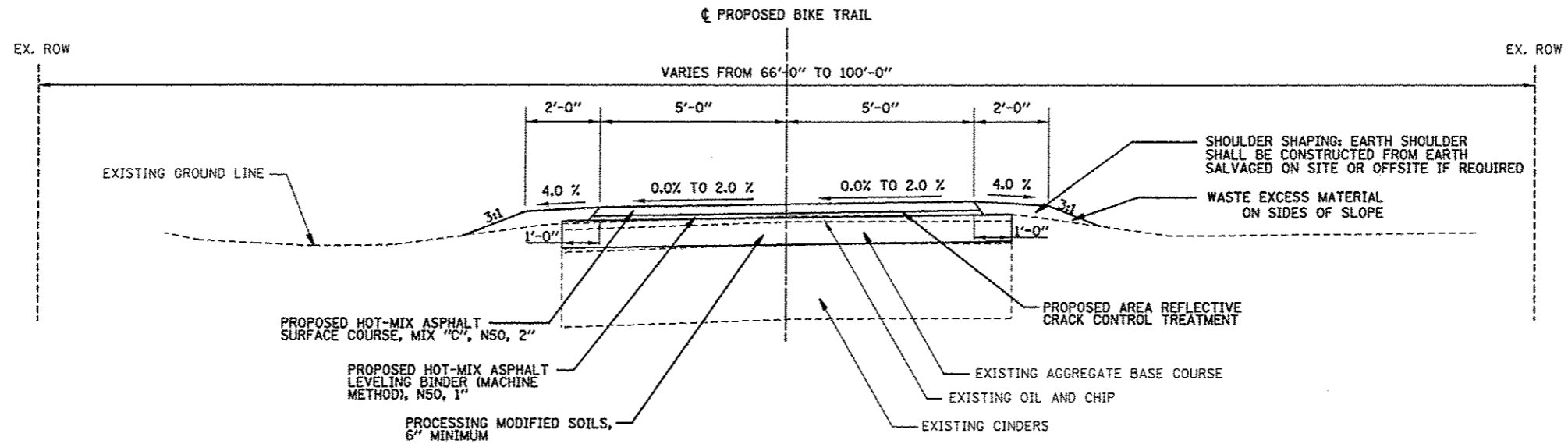
**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 197+73.01 TO STA. 198+23.01  
 STA. 232+50.93 TO STA. 233+00.93  
 STA. 282+22.49 TO STA. 282+72.49

**NOTE:**

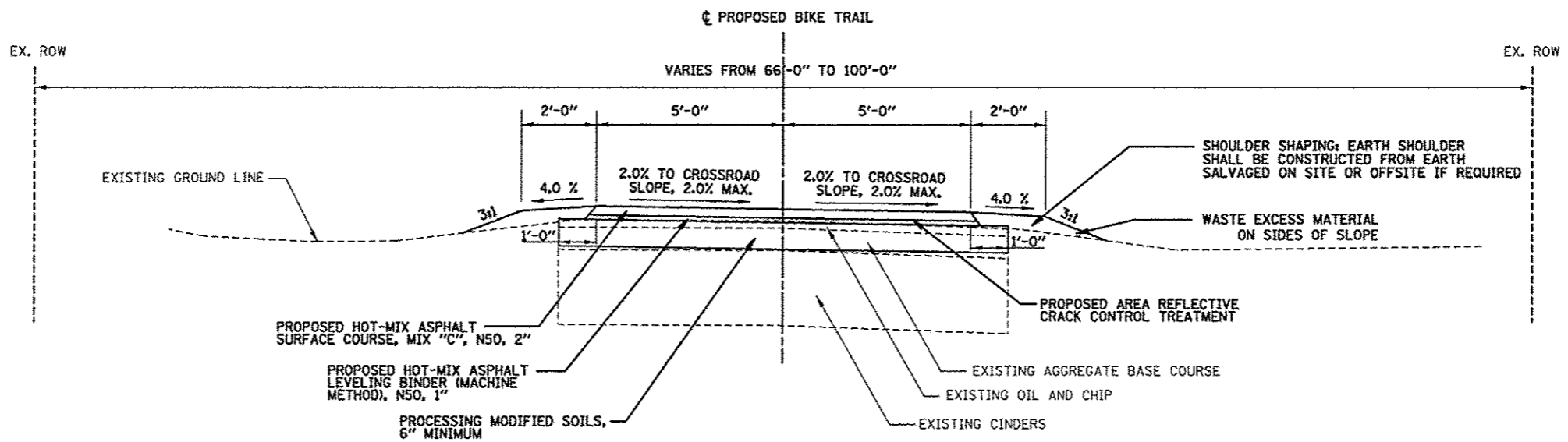
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FILE NAME * Typ-prop.dgn	USER NAME * jeramy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	CHECKED - WJB	REVISED -					06-00016-00-BT	MADISON	310	11	
	PLOT DATE * 12/17/2012	DATE - 11/30/12	REVISED -		SCALE: N.T.S.	SHEET NO. 3 OF 14 SHEETS	CONTRACT NO. 97433					
								FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 108+87.65 TO STA. 109+38.00  
 STA. 157+75.65 TO STA. 158+26.00  
 STA. 186+63.41 TO STA. 187+13.41  
 STA. 283+28.05 TO STA. 283+78.05



**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

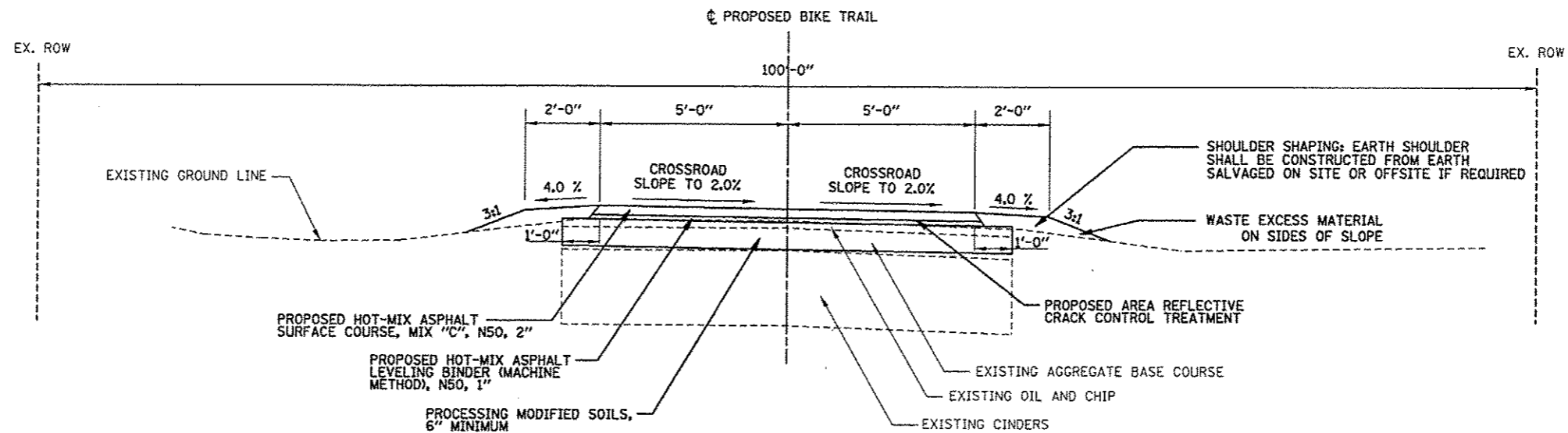
STA. 363+38.03 TO STA. 363+70.86  
 STA. 439+94.78 TO STA. 440+35.84  
 STA. 460+86.97 TO STA. 461+30.94  
 STA. 495+04.54 TO STA. 495+49.50

**NOTE:**

EXISTING DITCHES SHALL BE CLEANED OF DEBRIS AND/OR REGRADED TO ENSURE GOOD DRAINAGE THROUGHOUT THE PROJECT. SOME AREAS WILL REQUIRE ADDITIONAL DITCHES TO BE CUT TO MAINTAIN DRAINAGE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

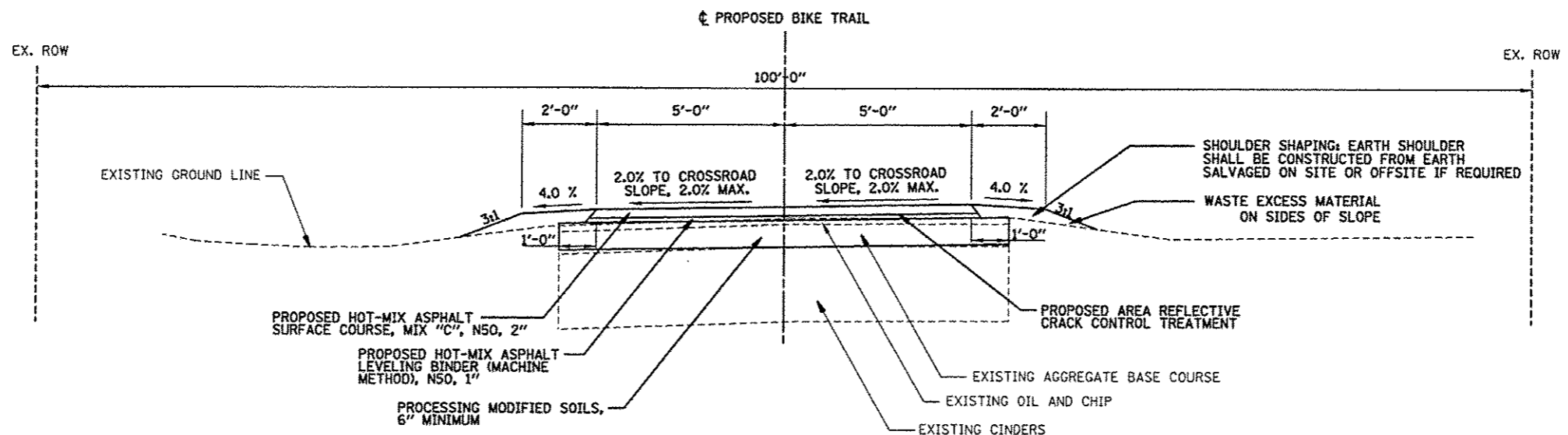
FILE NAME * Typ-prop.dgn	USER NAME * jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	CHECKED - WJB	REVISED -			06-00016-00-BT	MADISON	310	12	
PLOT DATE = 12/17/2012	DATE - 11/30/12	REVISED -		SCALE: N.T.S.	SHEET NO. 4 OF 14 SHEETS	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 97433		





**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 114+43.63 TO STA. 114+87.12  
 STA. 164+15.75 TO STA. 164+67.28  
 STA. 354+73.16 TO STA. 355+18.80  
 STA. 364+40.63 TO STA. 364+69.27  
 STA. 440+70.37 TO STA. 441+17.16  
 STA. 461+56.89 TO STA. 462+01.79  
 STA. 495+71.12 TO STA. 496+16.11



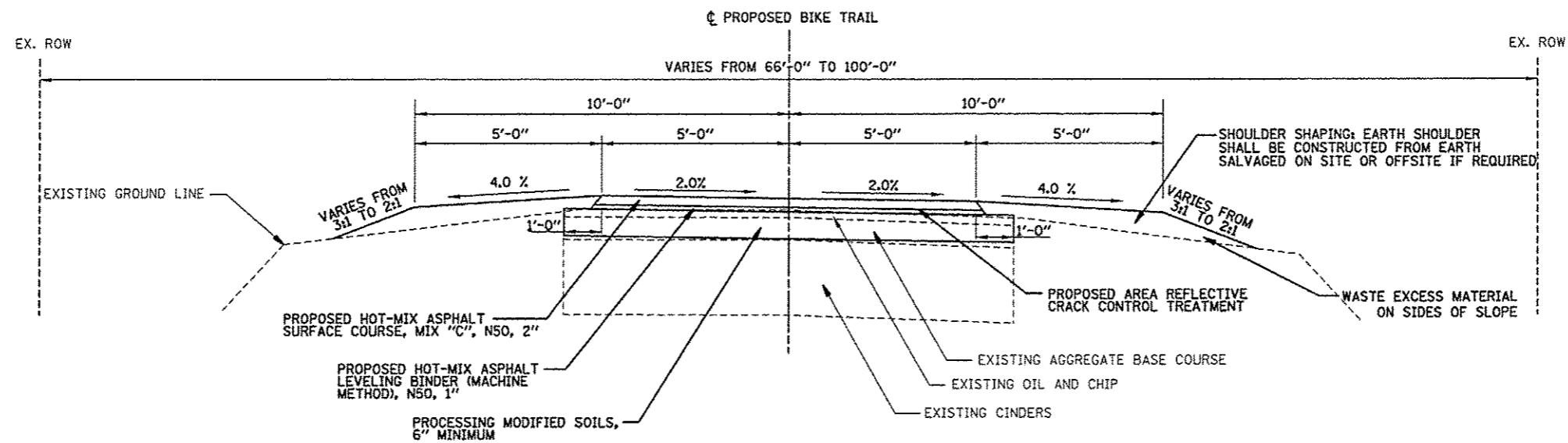
**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 113+64.00 TO STA. 114+09.05  
 STA. 163+23.92 TO STA. 163+67.90  
 STA. 353+97.07 TO STA. 354+41.60

**NOTE:**

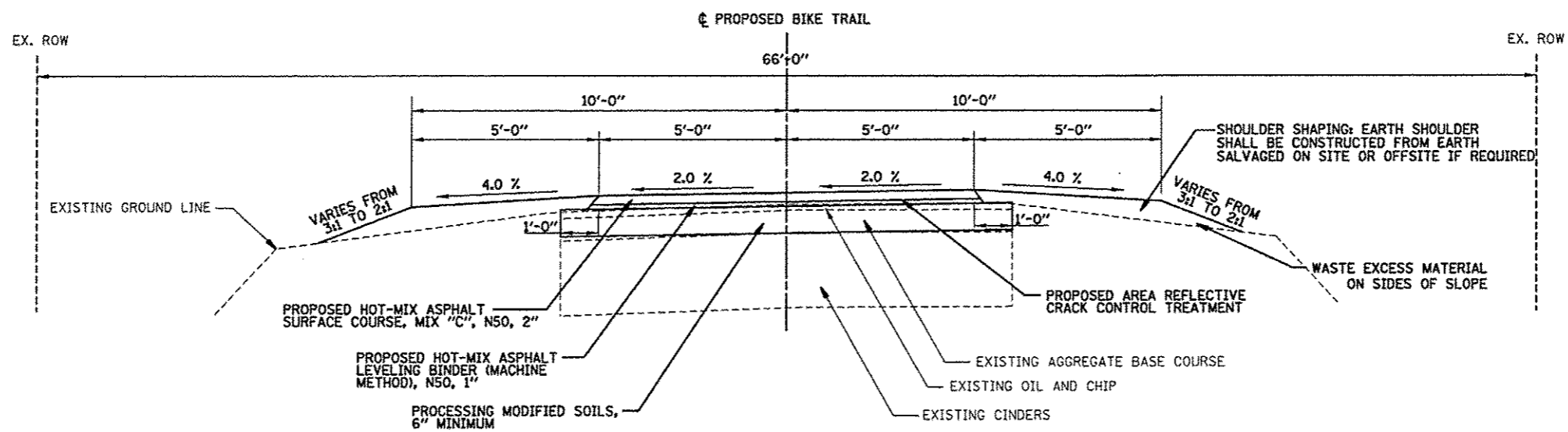
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FILE NAME * Typ_prop.dgn	USER NAME * jeramy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * SCALE*	CHECKED - WJB	REVISED -					06-00016-00-BT	MADISON	310	13	
	PLOT DATE * 12/17/2012	DATE - 11/30/12	REVISED -					CONTRACT NO. 97433				
					SCALE: N.T.S.	SHEET NO. 5 OF 14 SHEETS		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 234+39.60 TO STA. 238+22.82  
 STA. 424+00.00 TO STA. 427+00.00  
 STA. 470+50.00 TO STA. 474+50.00  
 STA. 480+50.00 TO STA. 482+50.00



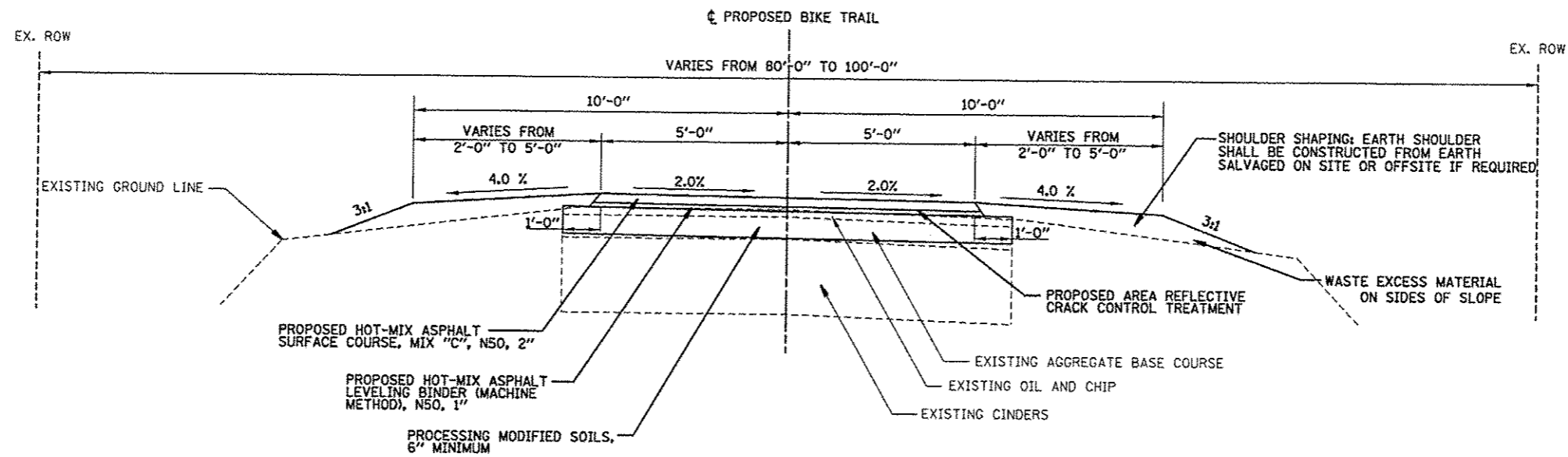
**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 351+91.66 TO STA. 352+41.66

**NOTE:**

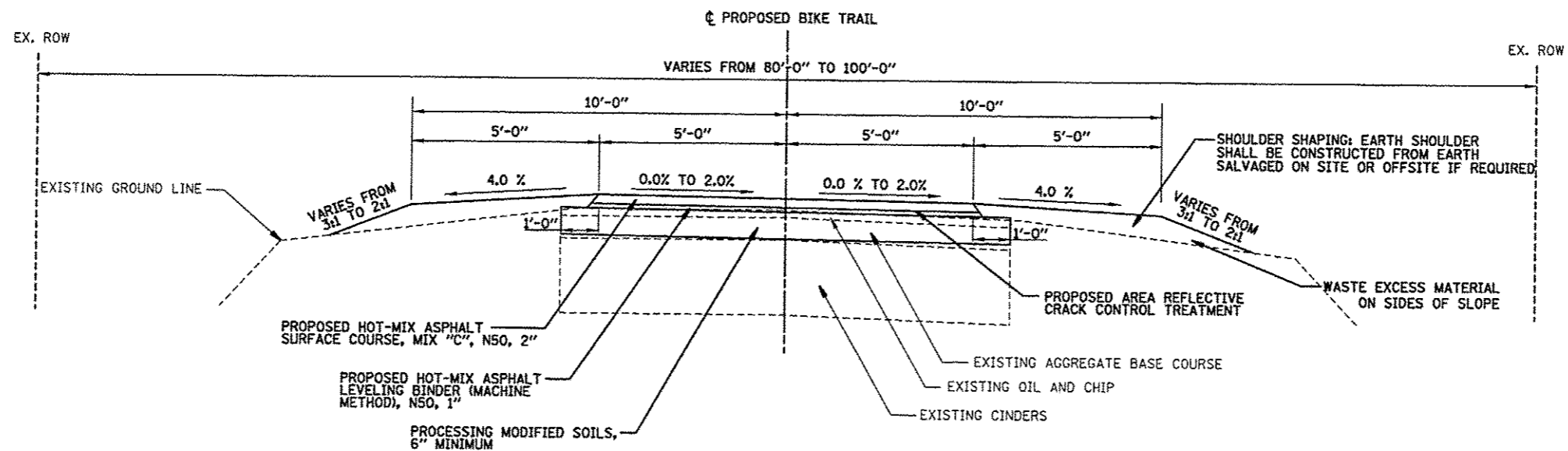
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FILE NAME * Typ-prop.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH	REVISED -		SCALE: N.T.S.	SHEET NO. 6 OF 14 SHEETS	06-00016-00-BT	MADISON	310	14		
		CHECKED - WJB	REVISED -					CONTRACT NO. 97433				
		PLDT DATE = 12/17/2012	DATE = 11/30/12					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 423+25.00 TO STA. 424+00.00  
 STA. 427+00.00 TO STA. 427+75.00  
 STA. 469+75.00 TO STA. 470+50.00  
 STA. 474+50.00 TO STA. 475+25.00  
 STA. 479+75.00 TO STA. 480+50.00  
 STA. 482+50.00 TO STA. 483+25.00



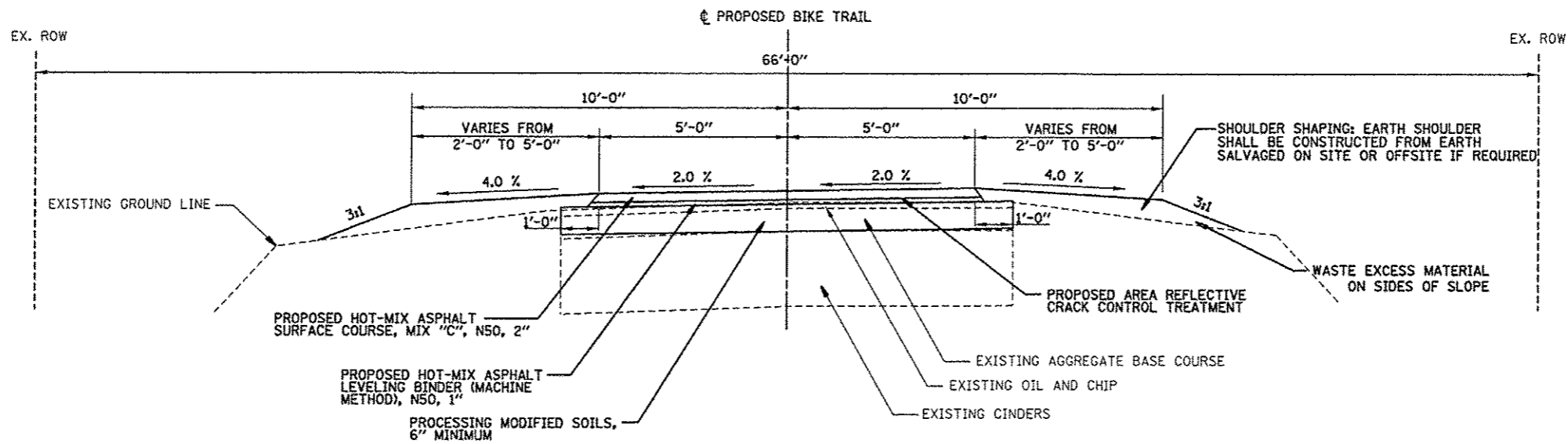
**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 233+89.60 TO STA. 234+39.60

**NOTE:**

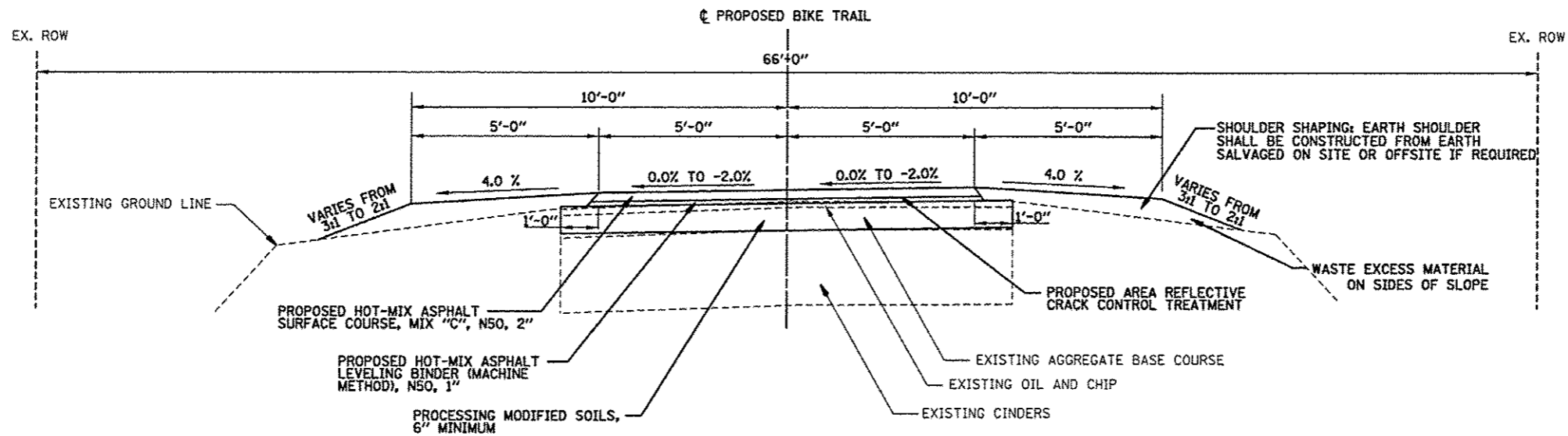
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FILE NAME * Typ_prop.dgn	USER NAME * jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE * #SCALE#	CHECKED - WJB	REVISED -	06-00016-00-BT				MADISON	310	15		
PLOT DATE * 12/17/2012	DATE - 11/30/12	REVISED -	SCALE: N.T.S. SHEET NO. 7 OF 14 SHEETS		CONTRACT NO. 97433						
							FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 228+82.56 TO STA. 229+57.56  
 STA. 351+16.66 TO STA. 351+91.66  
 STA. 352+41.66 TO STA. 353+16.66



**PROPOSED TYPICAL SECTION  
HERITAGE BIKEWAY**

STA. 228+37.56 TO STA. 228+82.56

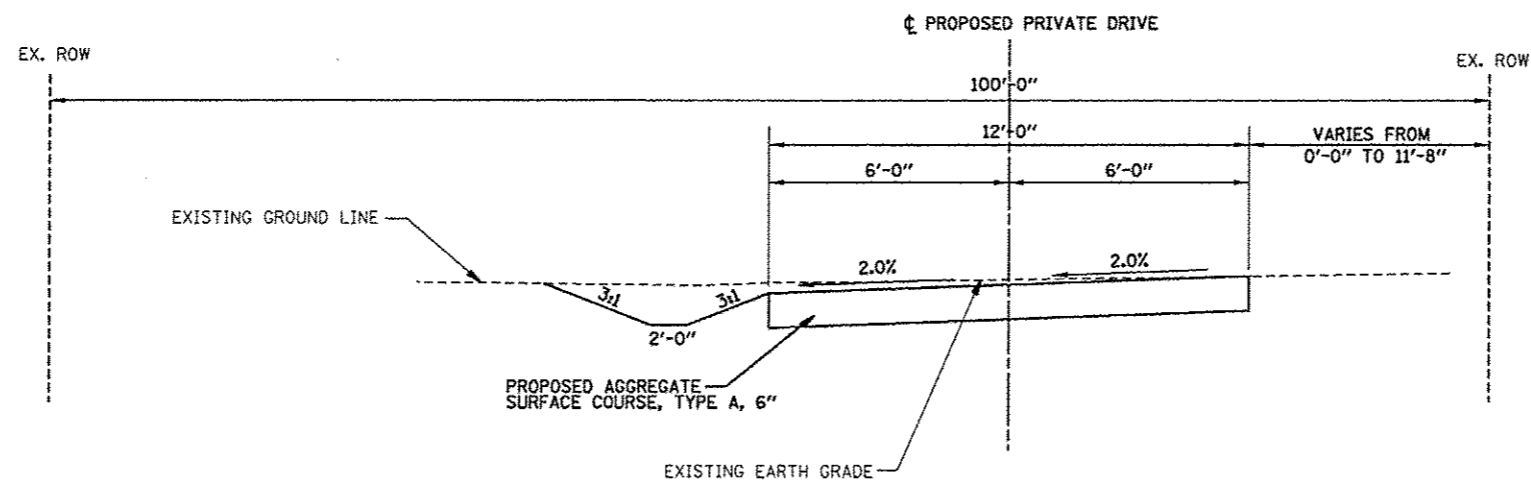
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FILE NAME * Typ-prop.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE*	DRAWN - JDH	REVISED -			06-00016-00-BT	MADISON	310	16	
PLOT DATE * 12/17/2012	CHECKED - WJB	REVISED -		SCALE: N.T.S.	SHEET NO. 8 OF 14 SHEETS	CONTRACT NO. 97433				
DATE - 11/30/12	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						







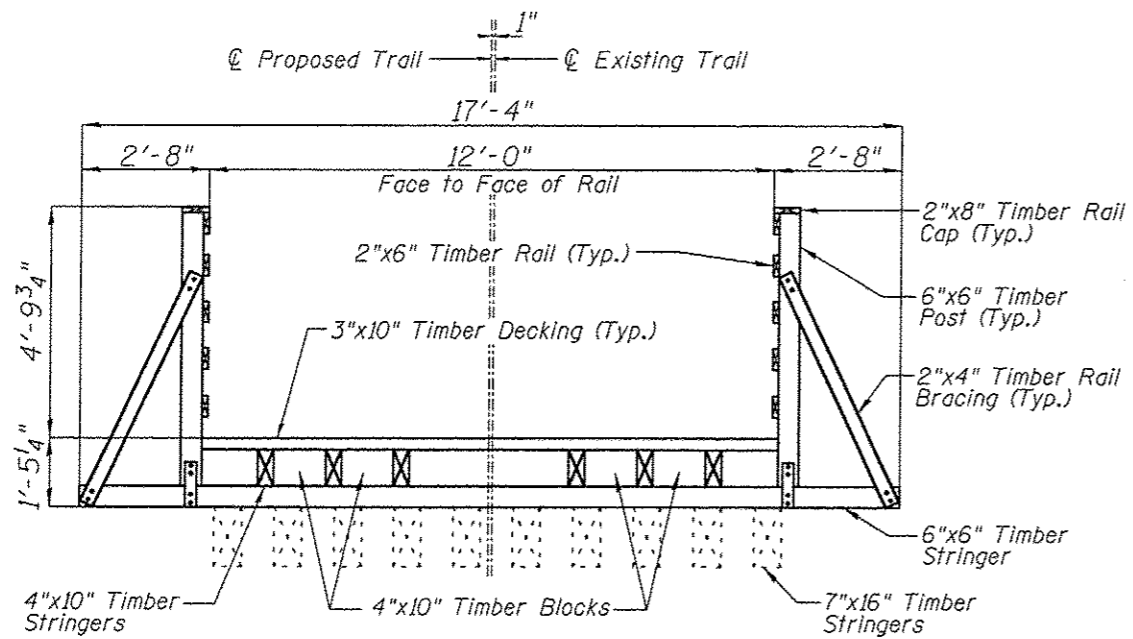
**PROPOSED TYPICAL SECTION**  
**BURNS/ABRAMS PRIVATE DRIVE**

STA. 114+28.85 RT TO STA. 117+31.54 RT

**NOTE:**

EXISTING DITCHES SHALL BE CLEANED OF DEBRIS AND/OR REGRADED TO ENSURE GOOD DRAINAGE THROUGHOUT THE PROJECT. SOME AREAS WILL REQUIRE ADDITIONAL DITCHES TO BE CUT TO MAINTAIN DRAINAGE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

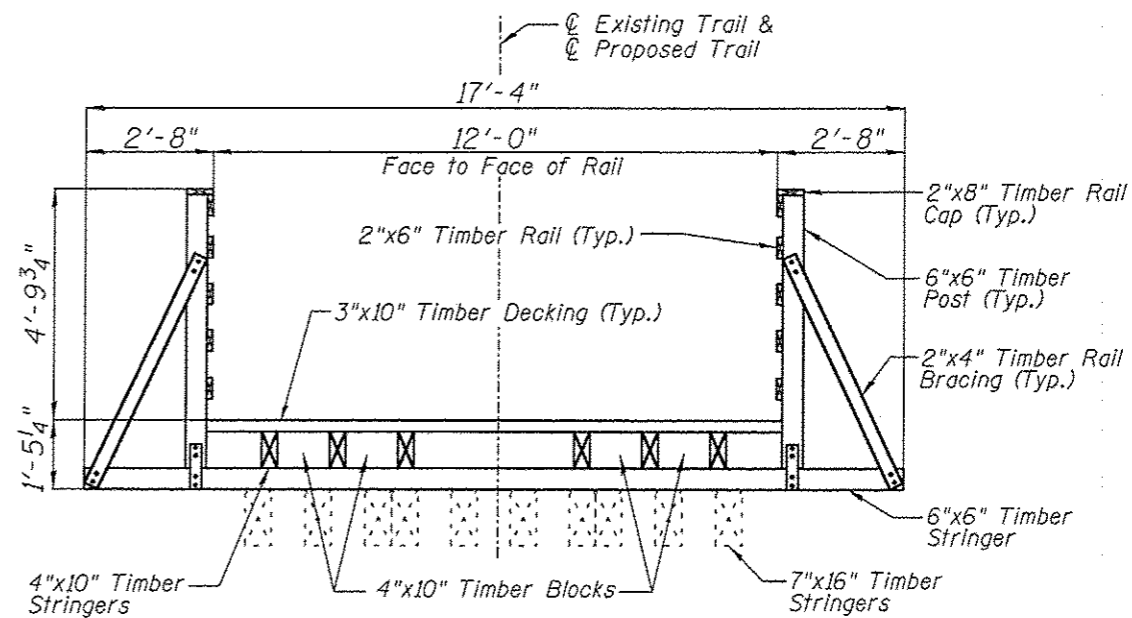
FILE NAME * Typ-prop.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * SCALE*	CHECKED - WJB	REVISED -				06-00016-00-BT	MADISON	310	18	
PLOT DATE * 12/17/2012	DATE - 11/30/12	REVISED -	REVISED -	SCALE: N.T.S.	SHEET NO. 10 OF 14 SHEETS	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		<b>CONTRACT NO. 97433</b>	



**PROPOSED TYPICAL SECTION STRUCTURE 1 & 2**

(Looking East)

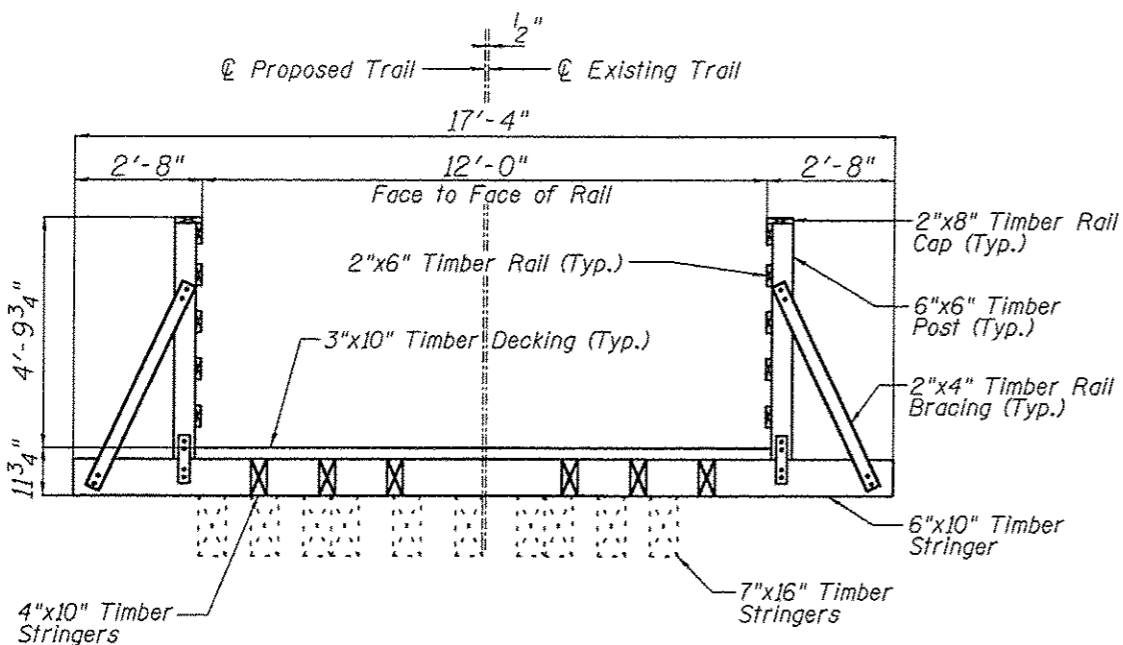
STA. 107+73.58 TO STA. 108+87.65  
 STA. 117+91.65 TO STA. 119+02.65



**PROPOSED TYPICAL SECTION STRUCTURE NO. 3**

(Looking East)

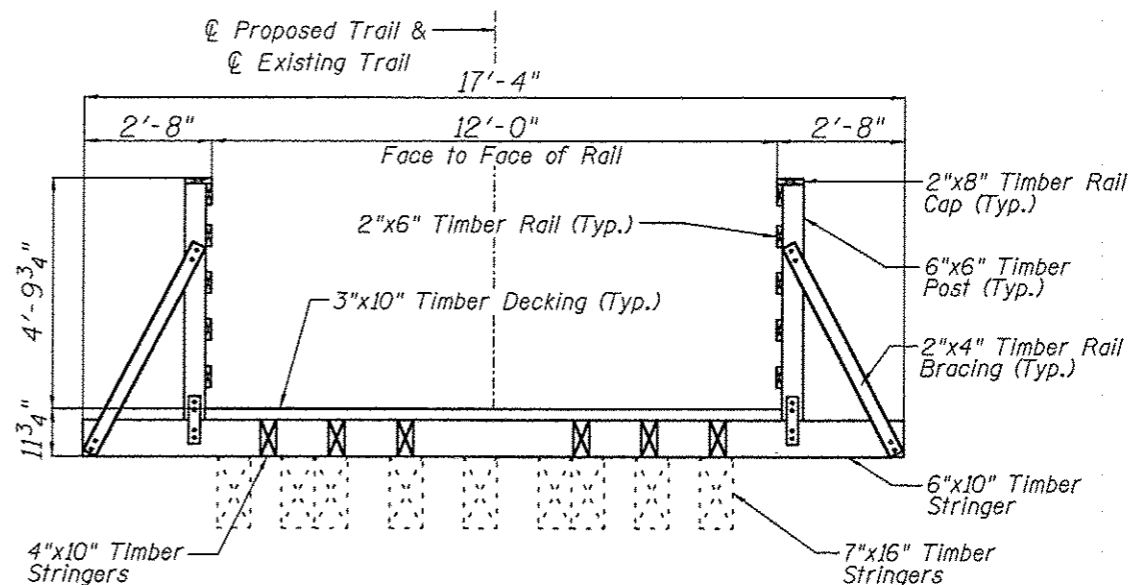
STA. 156+86.50 TO STA. 157+75.65



**PROPOSED TYPICAL SECTION STRUCTURE 4**

(Looking East)

STA. 166+93.17 TO STA. 167+69.34

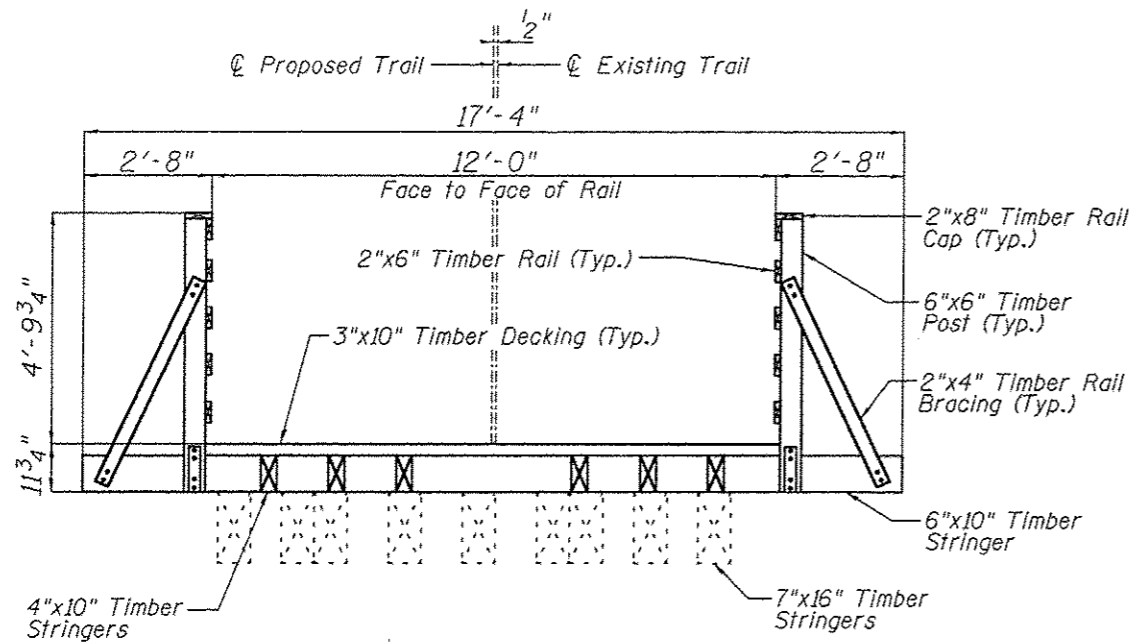


**PROPOSED TYPICAL SECTION STRUCTURE NO. 5**

(Looking North)

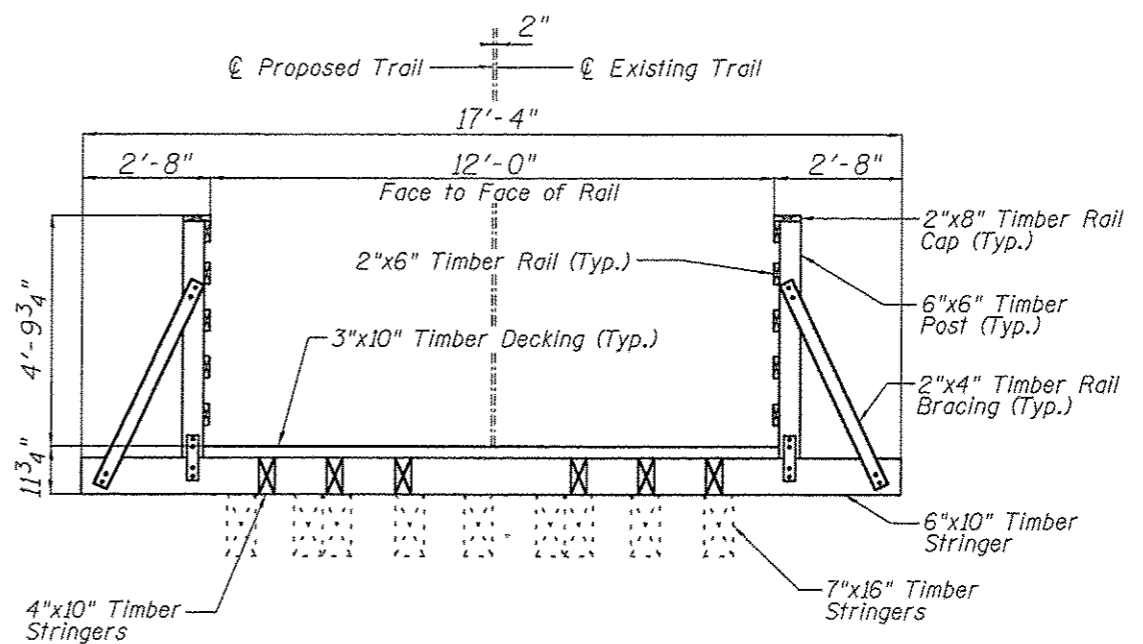
STA. 185+74.99 TO STA. 186+63.41

FILE NAME * Typ-prop.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - JDH	REVISED -				06-00016-00-BT	MADISON	310	19	
	PLOT DATE * 12/17/2012	CHECKED - WJB	REVISED -				CONTRACT NO. 97433				
	DATE - 11/30/12	REVISED -	SCALE: N.T.S.				SHEET NO. 11 OF 14 SHEETS	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



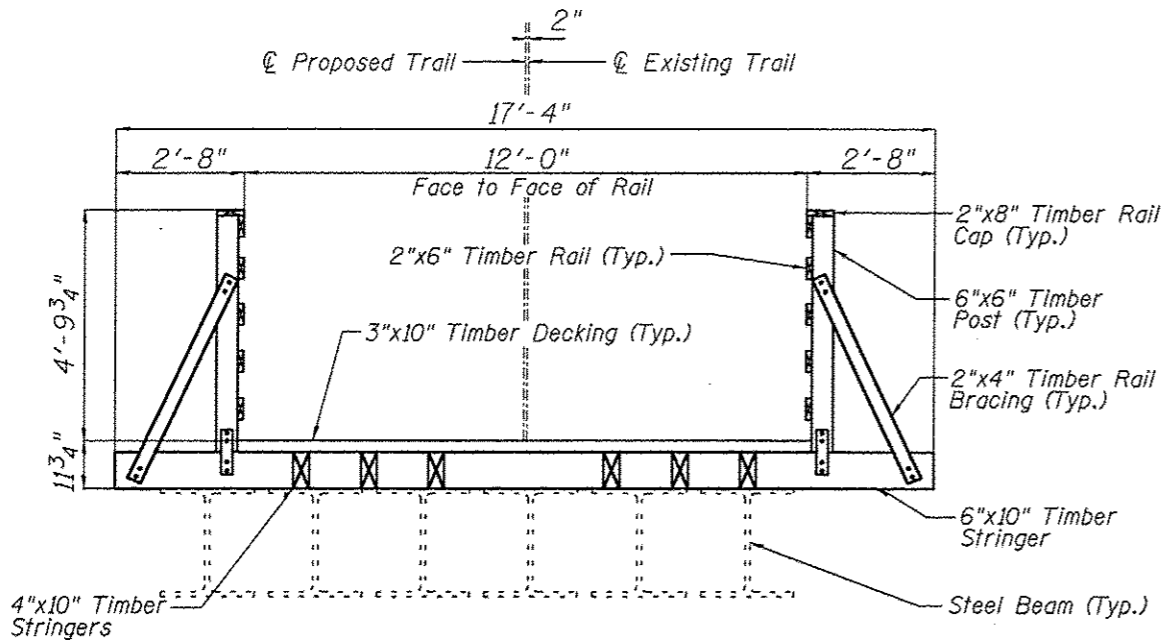
**PROPOSED TYPICAL SECTION STRUCTURE NO. 6**  
(Looking North)

STA. 198+23.01 TO STA. 198+98.62



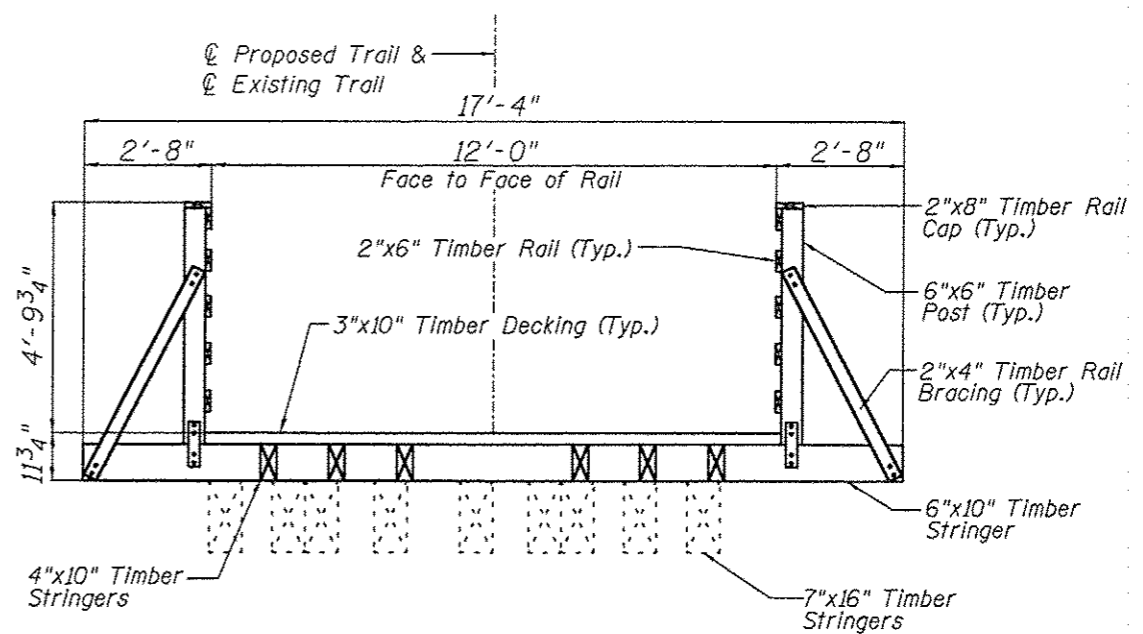
**PROPOSED TYPICAL SECTION STRUCTURE NO. 8**  
**SPANS 1, 2, 4, 5 & 6**  
(Looking East)

STA. 227+27.06 TO STA. 227+58.14  
STA. 227+92.39 TO STA. 228+37.56



**PROPOSED TYPICAL SECTION STRUCTURE NO. 8**  
**SPAN 3**  
(Looking East)

STA. 227+58.14 TO STA. 227+92.39

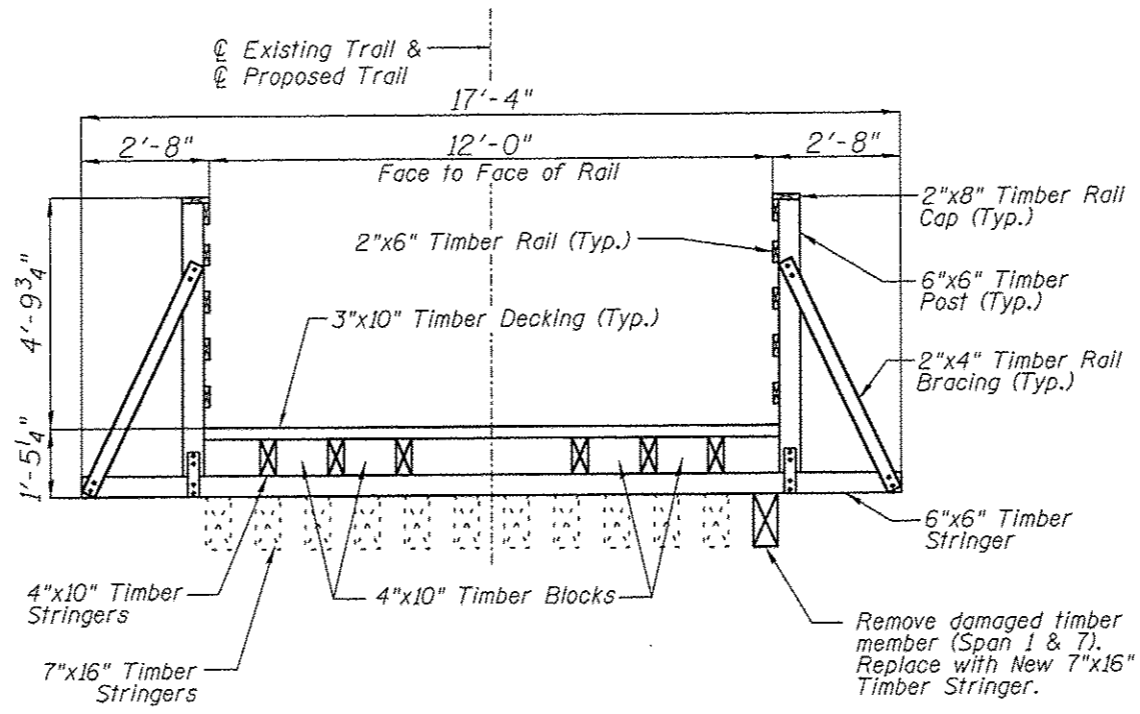


**PROPOSED TYPICAL SECTION STRUCTURE NO. 9**  
(Looking East)

STA. 233+00.93 TO STA. 233+89.60

FILE NAME * Typ.prop.dgn	USER NAME * jeramy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - JOH	REVISED -				06-00016-00-BT	MADISON	310	20	
	PLOT DATE * 12/17/2012	CHECKED - WJB	REVISED -				CONTRACT NO. 97433				
	DATE - 11/30/12	REVISED -	SCALE: N.T.S.				SHEET NO. 12 OF 14 SHEETS		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

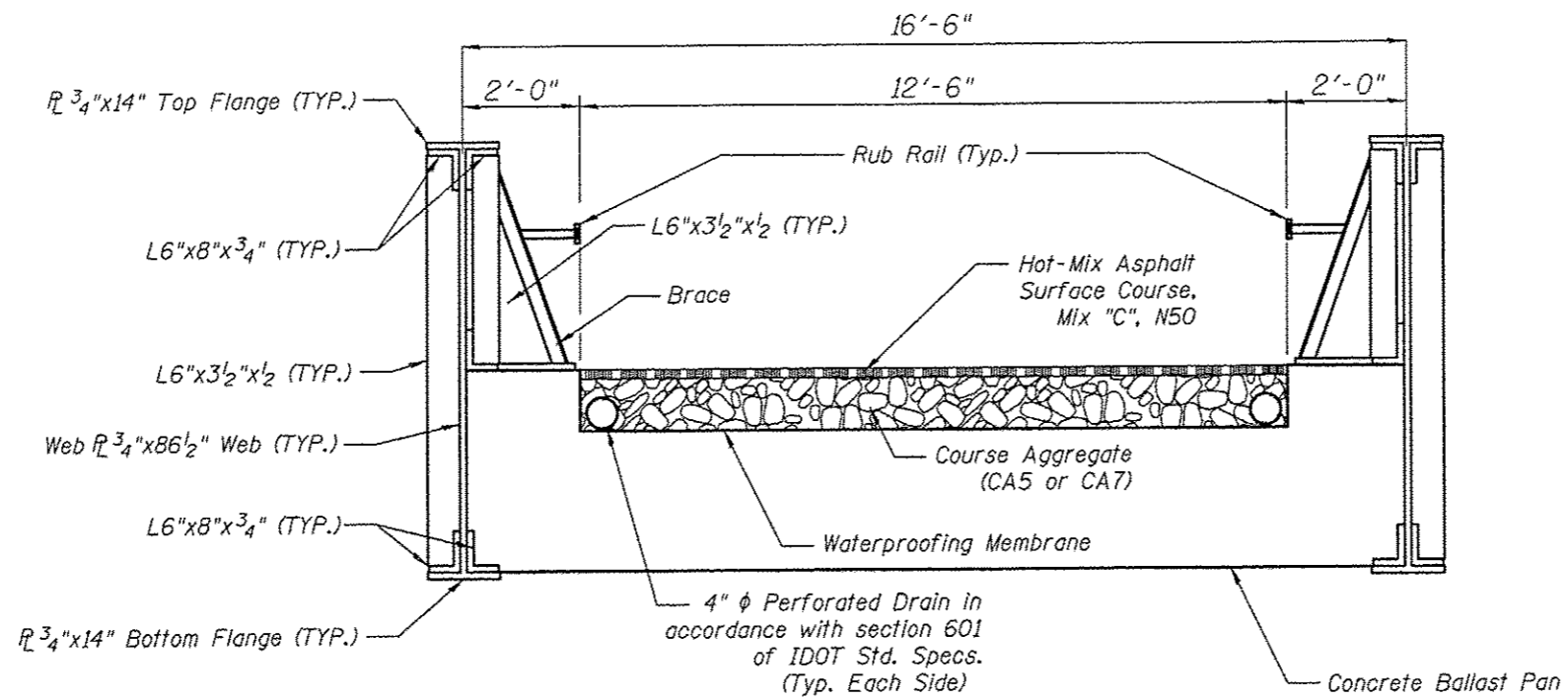




**PROPOSED TYPICAL SECTION STRUCTURE NO. 11**

(Looking East)

STA. 387+46.73 TO STA. 388+49.90

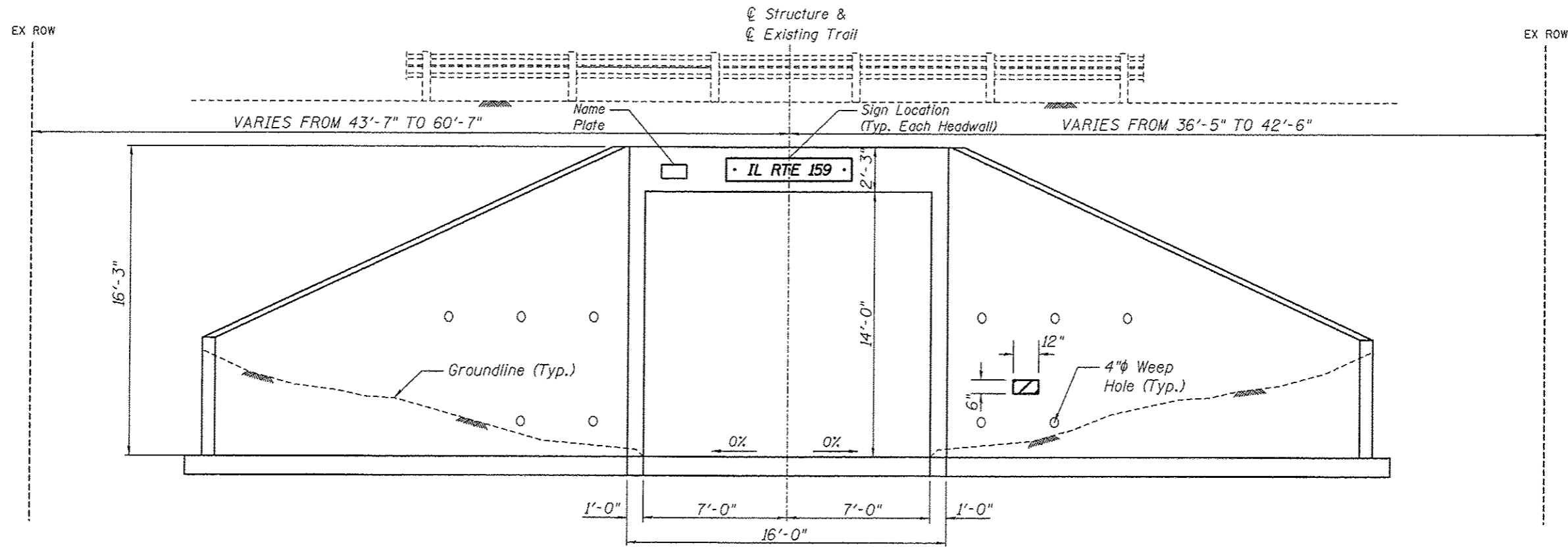


**PROPOSED TYPICAL SECTION STRUCTURE NO. 12**

(Looking East)

STA. 388+94.99 TO STA. 390+23.09

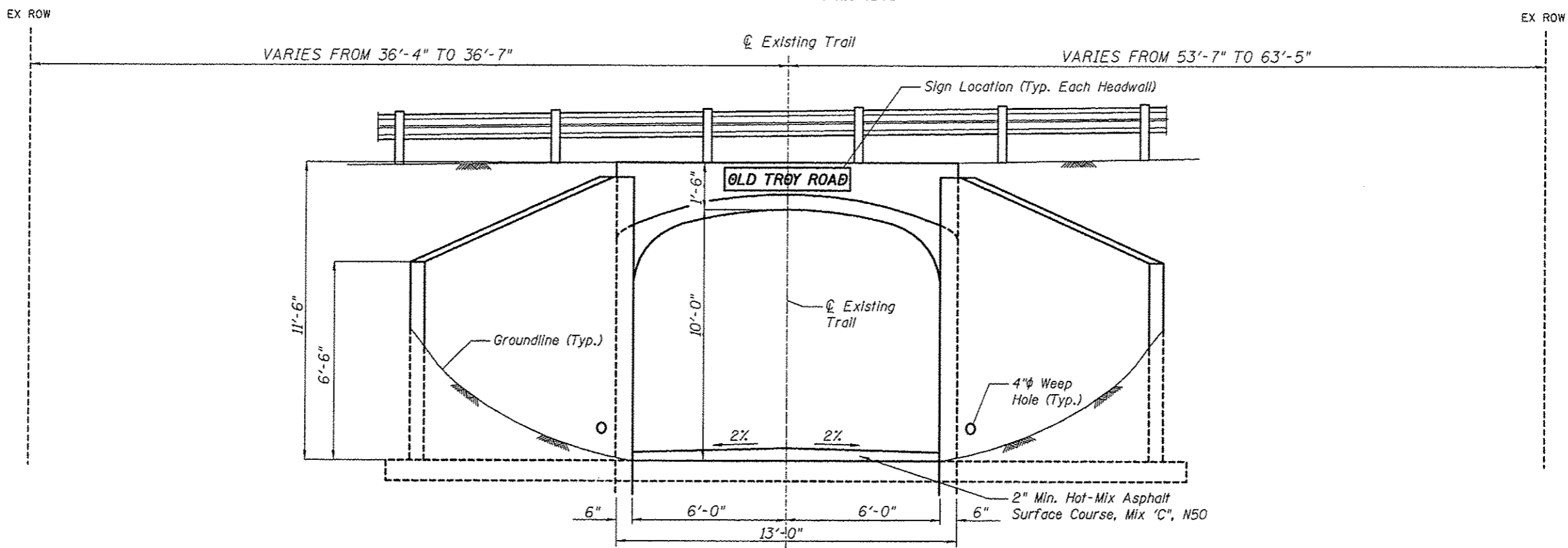
FILE NAME * Typ-prop.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - JDH	REVISED -					06-00016-00-BT	MADISON	310	21	
	PLOT DATE * 12/17/2012	CHECKED - WJB	REVISED -		SCALE: N.T.S.	SHEET NO. 13 OF 14 SHEETS	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 97433			
	DATE - 11/30/12	REVISOR -	REVISED -									



**PROPOSED TYPICAL SECTION - STRUCTURE NO. 7**

(Looking North)

STA. 218+62.96 TO STA. 220+62.56



**PROPOSED TYPICAL SECTION - STRUCTURE NO. 10**

(Looking North)

STA. 282+72.49 TO STA. 283+28.05

FILE NAME * Typ_prop.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PROPOSED TYPICAL SECTIONS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH	REVISED -					06-00016-00-BT	MADISON	310	22
		CHECKED - WJB	REVISED -		SCALE: N.T.S.   SHEET NO. 14 OF 14 SHEETS		CONTRACT NO. 97433				
		DATE - 11/30/12	REVISED -		FED. ROAD DIST. NO.   [ILLINOIS] FED. AID PROJECT						

**DETECTABLE WARNING SCHEDULE**

STATION	DETECTABLE WARNINGS (SQ FT)
HERITAGE BIKEWAY	
STA. 114+09.45 - 0.07' RT TO STA. 114+11.45 - 0.07' RT	10
STA. 114+11.64 - 0.07' RT TO STA. 114+13.64 - 0.07' RT	10
STA. 114+37.59 - 0.07' RT TO STA. 114+39.59 - 0.07' RT	10
STA. 114+38.75 - 0.07' RT TO STA. 114+40.75 - 0.07' RT	10
STA. 163+67.21 - 4.76' LT TO STA. 163+72.75 - 5.21' LT	10
STA. 163+68.59 - 5.73' RT TO STA. 163+73.07 - 5.14' RT	10
STA. 163+76.89 - 4.91' LT TO STA. 163+78.92 - 5.08' RT	20
STA. 164+11.23 - 4.90' LT TO STA. 164+13.27 - 5.09' RT	20
STA. 354+42.72 - 0.44' RT TO STA. 354+44.72 - 0.53' RT	10
STA. 354+44.33 - 0.51' RT TO STA. 354+46.33 - 0.60' RT	10
STA. 354+68.46 - 1.06' RT TO STA. 354+70.46 - 1.14' RT	10
STA. 354+69.95 - 1.12' RT TO STA. 354+71.95 - 1.20' RT	10
STA. 363+77.59 - 0.88' RT TO STA. 363+79.59 - 0.82' RT	10
STA. 363+86.07 - 0.65' RT TO STA. 363+88.07 - 0.59' RT	10
STA. 364+22.35 - 0.93' RT TO STA. 364+24.35 - 0.86' RT	10
STA. 364+31.51 - 0.61' RT TO STA. 364+33.51 - 0.55' RT	10
STA. 440+36.93 - 5.16' RT TO STA. 440+38.93 - 5.16' RT	10
STA. 440+38.57 - 5.16' RT TO STA. 440+40.57 - 5.16' RT	10
STA. 440+65.66 - 6.41' RT TO STA. 440+67.66 - 6.43' RT	10
STA. 440+67.21 - 6.43' RT TO STA. 440+69.21 - 6.45' RT	10
STA. 461+32.88 - 3.77' RT TO STA. 461+34.88 - 3.80' RT	20
STA. 461+52.98 - 3.97' RT TO STA. 461+54.98 - 3.99' RT	20
STA. 495+52.01 - 2.35' LT TO STA. 495+54.01 - 2.34' LT	20
STA. 495+66.62 - 2.01' LT TO STA. 495+68.62 - 2.00' LT	20
<b>TOTAL</b>	<b>300</b>

**P.C.C. SIDEWALK 6 INCH SCHEDULE**

STATION	P.C.C. SIDEWALK 6 INCH (SQ FT)
HERITAGE BIKEWAY	
STA. 114+8.88 - 0.59' LT TO STA. 114+14.24 - 1.12' LT	86.7
STA. 114+37.37 - 0.95' LT TO STA. 114+42.54 - 1.02' LT	82.7
STA. 163+70.70 - 31.01' LT TO STA. 163+74.22 - 31.26' RT	324.6
STA. 163+73.43 - 0.12' RT TO STA. 163+79.41 - 0.00' RT	89.8
STA. 164+10.75 - 0.10' RT TO STA. 164+15.75 - 0.10' RT	75.0
STA. 218+45.89 - 26.47' LT TO STA. 218+46.48 - 26.65' RT	138.9
STA. 220+68.16 - 16.87' RT TO STA. 220+69.35 - 16.27' LT	80.7
STA. 282+66.63 - 12.62' LT TO STA. 282+66.87 - 12.73' RT	64.7
STA. 283+34.30 - 12.24' LT TO STA. 283+34.34 - 13.40' RT	67.8
STA. 354+41.78 - 0.08' RT TO STA. 354+46.87 - 0.58' RT	78.8
STA. 354+68.05 - 1.04' RT TO STA. 354+73.16 - 1.25' LT	78.0
STA. 363+70.71 - 1.09' RT TO STA. 363+89.06 - 0.57' RT	234.1
STA. 364+21.28 - 0.97' RT TO STA. 364+40.63 - 0.30' RT	246.3
STA. 440+35.84 - 5.16' RT TO STA. 440+41.10 - 5.16' RT	78.8
STA. 440+65.20 - 6.40' RT TO STA. 440+70.37 - 6.42' RT	78.5
STA. 461+30.94 - 3.75' RT TO STA. 461+35.97 - 3.81' RT	75.4
STA. 461+51.83 - 4.33' RT TO STA. 461+56.89 - 4.02' RT	76.7
STA. 495+49.50 - 2.36' LT TO STA. 495+54.51 - 2.33' RT	75.1
STA. 495+66.14 - 2.33' LT TO STA. 495+71.12 - 2.02' LT	75.1
<b>TOTAL</b>	<b>2108</b>

**TEMPORARY DITCH CHECKS**

STATION	TEMPORARY DITCH CHECKS (FOOT)
HERITAGE BIKEWAY	
STA. 116+62.89 RT	8
STA. 117+85.55 RT	8
STA. 148+00.00 LT	8
STA. 149+62.00 LT	8
STA. 151+13.63 LT	8
STA. 172+95.00 LT	10
STA. 178+50.00 LT	14
STA. 180+16.67 LT	8
STA. 181+44.63 LT	8
STA. 205+79.27 LT	6
STA. 207+35.00 LT	6
STA. 208+90.00 LT	6
STA. 210+45.00 LT	8
STA. 230+29.50 RT	6
STA. 232+70.41 RT	8
STA. 274+07.43 LT	8
STA. 274+07.43 RT	8
STA. 274+86.33 LT	8
STA. 274+97.56 RT	8
STA. 275+87.69 RT	8
STA. 276+04.39 LT	8
STA. 277+20.92 RT	8
STA. 277+32.59 LT	8
STA. 278+59.96 LT	8
STA. 279+75.16 LT	8
STA. 280+90.36 LT	7
STA. 353+00.00 LT	7
STA. 354+00.00 LT	7
STA. 444+12.48 RT	9
STA. 446+00.00 RT	7
<b>TOTAL</b>	<b>237</b>

**WOOD POST**

STATION	WOOD POST (EACH)
HERITAGE BIKEWAY	
STA. 397+95.10 - 28.15' LT	1
STA. 398+00.10 - 28.15' LT	1
STA. 398+05.10 - 28.15' LT	1
STA. 401+98.82 - 20.00' RT	1
STA. 402+03.82 - 20.00' RT	1
STA. 402+08.82 - 20.00' RT	1
STA. 421+47.86 - 47.45' LT	1
STA. 421+52.86 - 47.45' LT	1
STA. 421+57.86 - 47.45' LT	1
STA. 421+62.86 - 47.45' LT	1
STA. 421+67.86 - 47.45' LT	1
STA. 421+72.86 - 47.45' LT	1
STA. 421+77.86 - 47.45' LT	1
STA. 421+60.17 - 25.23' RT	1
STA. 421+65.17 - 25.23' RT	1
STA. 421+70.17 - 25.23' RT	1
STA. 421+75.17 - 25.23' RT	1
STA. 421+80.17 - 25.23' RT	1
STA. 421+85.17 - 25.23' RT	1
STA. 421+90.17 - 25.23' RT	1
STA. 463+14.19 - 34.36' RT	1
STA. 463+14.19 - 39.36' RT	1
STA. 463+14.19 - 44.36' RT	1
STA. 463+14.20 - 49.36' RT	1
STA. 463+14.20 - 54.36' RT	1
STA. 463+14.20 - 59.36' RT	1
STA. 511+89.27 - 46.05' RT	1
STA. 511+94.27 - 46.05' RT	1
STA. 511+99.27 - 46.05' RT	1
STA. 512+04.27 - 46.05' RT	1
STA. 512+09.27 - 46.05' RT	1
STA. 512+14.27 - 46.05' RT	1
STA. 512+19.27 - 46.05' RT	1
STA. 512+24.27 - 46.05' RT	1
<b>TOTAL</b>	<b>34</b>

**DRIVEWAY PAVEMENT SCHEDULE**

LOCATION	WIDTH* (FOOT)	PCC DRIVEWAY PAVEMENT	AGGREGATE SURFACE COURSE TYPE A	"Y" DISTANCE (FOOT)
		6 IN (SQ YD)	6 IN (SQ YD)	
COLLINSVILLE AVENUE				
PE @ 11+65.34 LT	12.0	15	405.1	302.6
<b>TOTAL</b>		15	405	

\*PLEASE REFER TO ENTRANCE DETAILS ON SHEETS 251-252 TO SEE APPLICATION OF THE DIMENSIONS.

**CLASS SI CONCRETE (OUTLET) SCHEDULE**

STATION	CLASS SI CONCRETE (OUTLET) (CU YD)
HERITAGE BIKEWAY	
STA. 114+06.23 - 15.41' RT TO STA. 114+17.48 - 16.07' LT	1.66
STA. 114+32.02 - 15.92' RT TO STA. 114+40.66 - 15.76' LT	1.63
STA. 114+13.29 - 48.39' RT TO STA. 114+29.39 - 21.39' RT	1.54
STA. 163+79.99 - 7.14' RT TO STA. 163+80.14 - 13.42' RT	0.5
<b>TOTAL</b>	<b>5</b>

**BOLLARD ASSEMBLY SCHEDULE**

STATION	BOLLARDS (EACH)	FOLD DOWN BOLLARDS (EACH)
HERITAGE BIKEWAY		
STA. 103+54.81 - 34.00' LT	2	1
STA. 113+81.52 - 0.24' LT	2	1
STA. 114+68.79 - 1.35' LT	2	1
STA. 128+70.62 - 0.81' LT	2	1
STA. 129+50.82 - 0.04' RT	2	1
STA. 163+42.36 - 0.14' LT	2	1
STA. 164+42.85 - 0.70' LT	2	1
STA. 191+68.57 - 1.81' RT	2	1
STA. 198+09.10 - 0.77' LT	2	1
STA. 217+55.84 - 8.93' RT	1	
STA. 217+73.93 - 8.56' RT	1	
STA. 282+06.81 - 165.59' RT	2	1
STA. 284+78.37 - 144.50' RT	2	1
STA. 290+00.33 - 35.80' LT	2	1
STA. 354+14.47 - 0.06' RT	2	1
STA. 355+00.12 - 2.05' RT	2	1
STA. 363+53.76 - 1.57' RT	2	1
STA. 364+57.31 - 0.26' LT	2	1
STA. 369+43.75 - 0.30' LT	2	1
STA. 440+08.69 - 5.20' RT	2	1
STA. 440+97.43 - 6.56' RT	2	1
STA. 461+04.86 - 3.42' RT	2	1
STA. 461+83.42 - 2.97' RT	2	1
STA. 495+24.04 - 2.45' LT	2	1
STA. 495+96.61 - 2.04' LT	2	1
<b>TOTAL</b>	<b>48</b>	<b>23</b>

**REMOVE AND RE-INSTALL PIPE CULVERTS SCHEDULE**

STATION	REMOVE AND RE-INSTALL PIPE CULVERTS (FOOT)
HERITAGE BIKEWAY	
STA. 352+07.38 - 26.42' RT TO STA. 352+10.03 - 18.87' RT	8
STA. 352+23.29 - 18.87' LT TO STA. 352+25.95 - 26.42' LT	8
<b>TOTAL</b>	<b>16</b>

**EROSION CONTROL BLANKET SCHEDULE**

STATION	EROSION CONTROL BLANKET (SQ YD)
HERITAGE BIKEWAY	
STA. 228+32.56 - 10.02' LT TO STA. 229+57.56 - 8.21' LT	29.3
STA. 228+32.56 - 9.99' RT TO STA. 229+57.56 - 5.80' RT	35.1
STA. 233+84.21 - 10.41' RT TO STA. 238+21.96 - 7.98' RT	378.0
STA. 351+16.66 - 6.96' LT TO STA. 353+16.66 - 7.56' LT	202.6
STA. 351+16.66 - 7.04' RT TO STA. 353+16.66 - 6.43' RT	234.3
STA. 423+25.00 - 6.10' LT TO STA. 427+75.00 - 6.57' LT	132.1
STA. 423+25.00 - 7.91' RT TO STA. 427+75.00 - 7.43' RT	244.2
STA. 471+00.00 - 8.82' LT TO STA. 474+75.00 - 5.83' LT	82.3
STA. 470+25.00 - 8.03' RT TO STA. 473+50.00 - 10.62' RT	479.6
STA. 479+75.00 - 8.61' LT TO STA. 483+25.00 - 6.83' LT	324.5
<b>TOTAL</b>	<b>2142</b>

**PIPE CULVERTS TO BE CLEANED 24" SCHEDULE**

STATION	PIPE CULVERT TO BE CLEANED 24" (FOOT)
HERITAGE BIKEWAY	
STA. 220+88.53 - 22.50' LT TO STA. 220+97.74 - 56.93' RT	80
<b>TOTAL</b>	<b>80</b>

**CHAIN LINK FENCE SCHEDULE**

STATION	CHAIN LINK FENCE, 6' (FOOT)
HERITAGE BIKEWAY	
STA. 218+46.60 - 27.17' LT TO STA. 218+47.19 - 27.35' RT	69.4
STA. 220+67.39 - 17.51' RT TO STA. 220+68.63 - 16.98' LT	40.4
STA. 282+67.33 - 13.33' LT TO STA. 282+67.58 - 13.43' RT	32.3
STA. 283+33.65 - 13.00' LT TO STA. 283+33.69 - 14.16' RT	33.9
<b>TOTAL</b>	<b>176</b>

**PROTECTIVE COAT**

STATION	PROTECTIVE COAT (SQ YD)
HERITAGE BIKEWAY	
P.C.C. SIDEWALK 6 INCH	195
P.C.C. DRIVEWAY PAVEMENT	15
CLASS SI CONCRETE (OUTLET)	24
<b>TOTAL</b>	<b>234</b>

**INFORMATION KIOSK SCHEDULE**

STATION	INFORMATION KIOSK COMPLETE (EACH)
HERITAGE BIKEWAY	
STA. 103+70.07 - 55.74' LT	1
STA. 129+59.20 - 19.42' LT	1
STA. 282+36.42 - 117.70' RT	1
STA. 354+00.91 - 17.53' RT	1
STA. 463+20.51 - 38.69' RT	1
<b>TOTAL</b>	<b>5</b>







**SIGN SCHEDULE (CONT.)**

STATION	OFFSET	R1-1 STOP 24" X 24" WHITE ON RED (EACH)	R5-3 NO MOTOR VEHICLES 24" X 24" BLACK ON WHITE (EACH)	W11-1 BIKE ADVANCE WARNING 30" X 30" BLACK ON FLUORESCENT YELLOW (EACH)	W11-1P BIKE CROSSING WARNING 30" X 30" BLACK ON FLUORESCENT YELLOW (EACH)	R1-2 YIELD 18" X 18" BLACK ON FLUORESCENT YELLOW (EACH)	W16-7P ARROW 12" X 24" BLACK ON FLUORESCENT YELLOW (EACH)	W16-9P AHEAD 12" X 24" BLACK ON FLUORESCENT YELLOW (EACH)	D3-1 STREET NAME SIGN VARIES WHITE ON GREEN (EACH)	W4-4P CROSS TRAFFIC DOES NOT STOP 30"X15" BLACK ON FLUORESCENT YELLOW (EACH)	SP-1 NO PARKING FROM DUSK TO DAWN 24"X42" RED ON WHITE (EACH)	WOOD SIGN SUPPORT 4" X 6"  (FOOT)
361+69.83	80.06' L			1				1				13.5
363+53.65	7.34' L		1									12
363+59.57	10.34' L				1		1					13.5
363+78.86	9.75' R	1							1	1		12.5
364+32.14	8.31' L	1							1	1		12.5
364+51.25	11.66' R				1		1					13.5
364+57.33	8.66' R		1									12
366+42.80	81.77' R			1				1				13.5
368+74.72	9.34' L		1									12
368+95.85	11.76' L					1						11.5
369+22.48	11.15' R					1						11.5
369+43.64	8.62' R		1									12
440+08.81	3.72' L		1									12
440+19.74	246.53' R			1				1				13.5
440+33.56	14.09' R	1							1	1		12.5
440+39.98	4.59' L				1		1					13.5
440+66.66	16.24' R				1		1					13.5
440+72.64	2.43' L	1							1	1		12.5
440+97.34	15.47' R		1									12
441+25.77	239.60' L			1				1				13.5
461+05.14	5.50' L		1									12
461+29.61	12.65' R	1							1	1		12.5
461+33.09	6.20' L				1		1					13.5
461+39.27	250.59' R			1				1				13.5
461+54.56	14.08' R				1		1					13.5
461+58.00	4.98' L	1							1	1		12.5
461+76.05	247.34' L			1				1				13.5
461+83.42	11.88' R		1									12
461+83.42	82.5' R										1	12
463+30.79	60.98' R		1									12
495+24.19	11.36' L		1									12
495+48.86	6.55' R	1							1	1		12.5
495+50.49	12.35' L				1		1					13.5
495+58.67	250.02' L			1				1				13.5
495+63.34	249.96' R			1				1				13.5
495+70.13	8.02' R				1		1					13.5
495+71.81	10.88' L	1							1	1		12.5
495+96.60	6.87' R		1									12
<b>SUBTOTAL</b>		<b>6</b>	<b>20</b>	<b>6</b>	<b>6</b>	<b>13</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>650.5</b>
<b>TOTAL</b>		<b>14</b>	<b>31</b>	<b>14</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>1</b>	<b>1133.5</b>
<b>TOTAL (SQ FT)</b>		<b>56</b>	<b>124</b>	<b>87.5</b>	<b>87.5</b>	<b>33.75</b>	<b>28</b>	<b>28</b>	<b>22.5</b>	<b>43.4</b>	<b>7</b>	

1. FASTENERS SHALL BE STAINLESS STEEL BOLTS WITH THEFT PROOF TYPE NUTS
2. WOOD SIGN SUPPORTS LOCATED ALONG THE TRAIL SHALL BE BACKFILLED WITH CONCRETE PREMIX MATERIAL
3. WOOD SIGN POSTS ALONG PUBLIC ROADS SHALL BE LOCATED BEHIND ROAD DITCHES
4. WOOD SIGN SUPPORTS SHALL BE FREE OF WARPING AND TWISTING.
5. WOOD SIGN SUPPORTS SHALL BE 4"X4" AT ALL STOP SIGN LOCATIONS TO ACCOMIDATE THE STREET NAME SIGN BRACKET.
6. ALL SIGN PANELS ARE TYPE 1 UNLESS OTHERWISE NOTED.

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-) (CU YD)
HERITAGE BIKEWAY				
EXCEL EARTHWORK COMPUTATIONS				
STA. 101+00.00 TO STA. 526+00.00	638	478.5	2334	-1855.5
ADDITIONAL EARTHWORK COMPUTATIONS				
STA. 103+29.81 TO STA. 104+45.59	6.1	4.58	9.5	-4.92
STA. 107+23.60 TO STA. 107+73.58	2.3	1.7		1.7
STA. 108+87.65 TO STA. 109+37.60	2.3	1.7		1.7
STA. 113+64.00 TO STA. 114+09.05	2.1	1.6		1.6
STA. 114+09.05 TO STA. 114+14.56	1.56	1.2		1.2
STA. 114+38.59 TO STA. 114+43.63	1.4	1.1		1.1
STA. 114+43.63 TO STA. 114+87.19	3.5	2.6		2.6
STA. 117+41.95 TO STA. 117+91.95	2.5	1.9		1.9
STA. 119+02.35 TO STA. 119+52.35	2.3	1.7		1.7
STA. 129+00.30 TO STA. 129+19.70	1.85	1.4		1.4
STA. 156+37.12 TO STA. 156+87.12	2.3	1.7		1.7
STA. 157+76.00 TO STA. 158+26.00	2.3	1.7		1.7
STA. 163+23.92 TO STA. 163+73.92	2.3	1.7		1.7
STA. 164+17.28 TO STA. 164+67.28	2.73	2		2
STA. 164+59.50 TO STA. 164+86.40	1.41	1.1		1.1
STA. 166+43.75 TO STA. 166+93.75	2.3	1.7		1.7
STA. 167+69.04 TO STA. 168+19.04	2.3	1.7		1.7
STA. 185+25.00 TO STA. 185+75.00	2.3	1.7		1.7
STA. 186+62.80 TO STA. 187+12.80	2.3	1.7		1.7
STA. 191+88.26 TO STA. 192+27.41	1.83	1.4		1.4
STA. 197+58.24 TO STA. 197+77.58	1.61	1.2		1.2
STA. 197+73.01 TO STA. 198+23.01	2.3	1.7		1.7
STA. 198+97.90 TO STA. 199+47.90	2.3	1.7		1.7
STA. 218+12.96 TO STA. 218+62.96	2.3	1.7		1.7
STA. 220+62.56 TO STA. 221+12.56	2.3	1.7		1.7
STA. 226+77.36 TO STA. 227+27.36	2.3	1.7		1.7
STA. 228+37.56 TO STA. 228+87.56	2.3	1.7		1.7
STA. 232+50.93 TO STA. 233+00.93	2.3	1.7		1.7
STA. 233+89.00 TO STA. 234+39.00	2.3	1.7		1.7
STA. 238+26.94 TO STA. 238+35.18	0.73	0.6		0.6
STA. 246+49.90 TO STA. 246+66.11	0.91	0.7		0.7
STA. 273+91.47 TO STA. 275+65.40	9.8	7.4		7.4
STA. 282+03.51 TO STA. 282+07.07	2.9	2.2		2.2
STA. 284+80.34 TO STA. 285+39.77	4.8	3.6		3.6
STA. 304+54.69 TO STA. 304+99.53	2.4	1.8		1.8
STA. 351+36.79 TO STA. 351+91.55			46.5	-46.5
STA. 351+91.55 TO STA. 352+41.70			85.2	-85.2
STA. 352+41.70 TO STA. 353+04.16			53.1	-53.1
STA. 351+28.20 TO STA. 351+91.79			81	-81
STA. 351+91.79 TO STA. 352+41.62			126.9	-126.9
STA. 352+41.62 TO STA. 353+05.10			80.9	-80.9
STA. 353+97.07 TO STA. 354+41.60	2.1	1.6		1.6
STA. 354+41.60 TO STA. 354+46.84	1.46	1.1		1.1
STA. 354+67.95 TO STA. 354+73.15	1.44	1.1		1.1
SUBTOTAL	733	549	2817	-2268

SIDEWALK REMOVAL SCHEDULE

STATION	SIDEWALK REMOVAL (SQ FT)
HERITAGE BIKEWAY	
STA. 163+70.70 - 31.01' LT TO STA. 163+79.38 - 13.42' RT	220.7
STA. 163+74.22 - 18.78' RT TO STA. 163+78.24 - 21.15' RT	9.9
STA. 164+10.75 - 0.10' RT TO STA. 164+17.28 - 0.10' RT	114.1
STA. 221+71.12 - 20.34' LT TO STA. 221+76.24 - 5.00' LT	67.1
TOTAL	412

EARTHWORK SCHEDULE (CONT.)

LOCATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-) (CU YD)
ADDITIONAL EARTHWORK COMPUTATIONS				
STA. 354+73.15 TO STA. 355+18.80	2.13	1.6		1.6
STA. 363+38.02 TO STA. 363+70.71	1.51	1.1		1.1
STA. 363+70.71 TO STA. 363+89.06	4.3	3.2		3.2
STA. 364+21.28 TO STA. 364+40.63	4.6	3.5		3.5
STA. 364+40.63 TO STA. 364+69.26	2.1	1.6		1.6
STA. 374+40.29 TO STA. 374+65.95	20.4	15.3	20.4	-5.1
STA. 386+87.86 TO STA. 387+37.86	2.3	1.7		1.7
STA. 388+40.42 TO STA. 388+90.42	2.3	1.7		1.7
STA. 394+88.94 TO STA. 395+11.06	1.57	1.2		1.2
STA. 439+94.78 TO STA. 440+35.84	2.02	1.5		1.5
STA. 440+35.84 TO STA. 440+41.10	1.46	1.1		1.1
STA. 440+65.20 TO STA. 440+70.39	1.45	1.1		1.1
STA. 440+70.39 TO STA. 441+17.25	2.26	1.7		1.7
STA. 460+86.91 TO STA. 461+30.94	2.04	1.5		1.5
STA. 461+30.94 TO STA. 461+35.95	1.39	1		1
STA. 461+51.83 TO STA. 461+56.89	1.43	1.1		1.1
STA. 461+56.89 TO STA. 462+01.85	2.23	1.7		1.7
STA. 463+14.20 TO STA. 463+63.16	3.52	2.6		2.6
STA. 495+04.54 TO STA. 495+49.51	2.08	1.6		1.6
STA. 495+49.51 TO STA. 495+54.54	1.39	1		1
STA. 495+66.11 TO STA. 495+71.11	1.39	1		1
STA. 495+71.11 TO STA. 496+16.11	2.08	1.6		1.6
STA. 524+63.44 TO STA. 525+13.44	2.3	1.7		1.7
PRIVATE ENTRANCES				
STA. 1+12.65 TO STA. 4+23.46	240	180		180
RIDGE VIEW ROAD				
STA. 61+75.00 TO STA. 62+19.31	129.1	96.8	3.5	93.3
MICK ROAD				
STA. 73+10.00 TO STA. 73+94.82	114	86		86
STAUNTON ROAD				
STA. 81+01.00 TO STA. 81+69.89	63.8	47.9	1.78	46.12
KUHN STATION ROAD				
STA. 91+00.84 TO STA. 91+50.84	31.3	23.5	2	21.5
BLACK OAK LANE				
STA. 96+14.76 TO STA. 96+35.00	17.5	13.1		13.1
SUBTOTAL	733	549	2817	-2268
TOTAL	1396	1048	2845	-1797

NOTE: BASED ON 25% SHRINKAGE

PAVEMENT REMOVAL SCHEDULE

STATION	PAVEMENT REMOVAL (SQ YD)
HERITAGE BIKEWAY	
STA. 103+29.81 TO STA. 103+51.90	31.2
STA. 289+87.40 LT TO STA. 290+11.39 LT	32.6
TOTAL	64



**RIPRAP SCHEDULE**

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)			DEPTH "X" (FOOT)	STONE RIPRAP CLASS A4 (SQ YD)	STONE RIPRAP CLASS A6 (SQ YD)	FILTER FABRIC (SQ YD)	AGGREGATE BEDDING (TON)
		"A"	"B"	"C"					
HERITAGE BIKEWAY									
STA. 169+00.00 - 19.00' RT TO STA. 169+30.18 - 18.00' RT	30	18	0	0	11	56.7		20	
STA. 175+67.05 - 12.79' RT TO STA. 174+82.05 - 13.00' RT	15	0	15	0	0	25	25	9	
STA. 191+23.29 - 20.51' LT TO STA. 191+43.29 - 21.06' LT	20	0	0	15	10	33.3	33.3	11	
STA. 220+93.81 - 62.47' RT TO STA. 221+2.66 - 61.38' RT	10	3	4	3	2	11.1		4	
STA. 258+17.31 - 15.30' LT TO STA. 258+32.31 - 15.30' LT	15	3	6	2	2	18.3	18.3	6	
STA. 273+40.02 - 16.43' RT TO STA. 273+45.01 - 16.10' RT	5	0	5	0	0	2.8	2.8	1	
STA. 300+13.05 - 18.26' LT TO STA. 300+18.77 - 32.13' LT	15	3	4	3	1	13.3	13.3	5	
STA. 369+26.69 - 20.00' RT TO STA. 369+36.69 - 20.00' RT	10	3	4	3	3	11.1	11.1	4	
STA. 369+39.81 - 25.78' LT TO STA. 369+49.66 - 27.54' LT	10	3	4	3	3	11.1	11.1	4	
STA. 463+75.77 - 78.97' RT TO STA. 463+83.69 - 80.11' RT	8	3	2	3	1	6.5	6.5	2	
STA. 485+19.49 - 29.61' RT TO STA. 485+19.49 - 47.57' RT	18	0	29.5	0	0		58.9	27	
<b>TOTAL</b>						<b>189</b>	<b>59</b>	<b>248</b>	<b>92</b>

NOTE: AGGREGATE BEDDING QUANTITY PROVIDED FOR INFORMATION ONLY  
 \*PLEASE REFER TO RIPRAP DETAIL ON SHEET 256 FOR APPLICATION OF DIMENSIONS.

**SEEDING SCHEDULE**

STATION	SEEDING CLASS 2 (ACRE)	MOWING (ACRE)	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	MULCH METHOD 2 (TON)
HERITAGE BIKEWAY						
STA. 103+29.81 TO STA. 525+13.44	14.7	14.7	1323.0	1323.0	1323.0	29.4
<b>TOTAL</b>	<b>14.7</b>	<b>14.7</b>	<b>1323</b>	<b>1323</b>	<b>1323</b>	<b>29.4</b>

**INLET AND PIPE PROTECTION SCHEDULE**

STATION	INLET AND PIPE PROTECTION (EACH)
HERITAGE BIKEWAY	
STA. 163+05.51 - 14.75' RT	1
STA. 191+96.83 - 22.00' RT	1
STA. 273+91.69 - 13.01' RT	1
STA. 273+97.43 - 16.30' LT	1
STA. 281+80.14 - 16.73' RT	1
STA. 312+87.02 - 34.57' RT	1
STA. 335+15.52 - 22.18' LT	1
STA. 352+25.95 - 26.42' LT	1
STA. 368+82.44 - 20.00' RT	1
STA. 368+96.25 - 18.01' LT	1
STA. 369+58.91 - 16.55' LT	1
STA. 436+97.61 - 18.03' LT	1
STA. 463+58.80 - 14.14' RT	1
STA. 491+65.70 - 24.64' LT	1
STA. 495+22.19 - 16.77' LT	1
<b>TOTAL</b>	<b>15</b>

**PAVEMENT MARKING SCHEDULE**

LOCATION	TYPE	PAINT PAVEMENT MARKING		
		LINE 4" YELLOW (FOOT)	LINE 6" WHITE (FOOT)	LINE 12" WHITE (FOOT)
HERITAGE BIKEWAY				
STA. 103+29.81 TO STA. 525+13.44				
	SKIP-DASH 3'-9'	9945		
	CENTERLINE	1849		
	CROSSWALK		309	
	DIAGONALS			312
	STOP LINE			90
<b>TOTAL</b>		<b>11794</b>	<b>309</b>	<b>402</b>

**PAVEMENT MARKING REMOVAL SCHEDULE**

STATION	PAVEMENT MARKING REMOVAL (SQ FT)
HERITAGE BIKEWAY	
STA. 163+79.40 - 2.79' LT TO STA. 164+10.61 - 3.40' LT	31.2
STA. 163+79.42 - 4.22' RT TO STA. 164+10.75 - 3.60' RT	31.3
<b>TOTAL</b>	<b>63</b>

**TREE REMOVAL, ACRES SCHEDULE**

STATION	TREE REMOVAL, ACRES (ACRES)
HERITAGE BIKEWAY	
STA. 103+29.81 TO STA. 525+13.44	2.6
<b>TOTAL</b>	<b>3</b>

**HOT-MIX ASPHALT SURFACE REMOVAL SCHEDULE**

STATION	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SQ YD)
HERITAGE BIKEWAY	
STA. 220+28.32 TO STA. 220+31.32	4.7
<b>TOTAL</b>	<b>5</b>

**PIPE CULVERT REMOVAL SCHEDULE**

STATION	PIPE CULVERT REMOVAL (FOOT)
HERITAGE BIKEWAY	
STA. 115+80.71 - 32.66' RT TO STA. 115+92.71 - 32.66' RT	12
STA. 117+28.11 - 34.76' RT TO STA. 117+42.11 - 34.76' RT	14
STA. 436+97.61 - 10.13' RT TO STA. 536+97.61 - 13.87' LT	24
STA. 463+67.59 - 13.89' RT TO STA. 463+87.59 - 13.89' RT	20
STA. 491+65.70 - 28.88' LT TO STA. 491+65.70 - 23.12' RT	52
STA. 495+21.99 - 5.31' RT TO STA. 495+22.13 - 10.69' LT	16
<b>TOTAL</b>	<b>138</b>

**CURB AND GUTTER REMOVAL SCHEDULE**

STATION	GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL
	(FOOT)	(FOOT)
HERITAGE BIKEWAY		
STA. 114+06.59 - 14.78' RT TO STA. 114+17.56 - 16.64' LT	33.6	
STA. 114+32.48 - 14.87' RT TO STA. 114+40.87 - 16.91' LT	32.9	
STA. 114+13.29 - 48.39' RT TO STA. 114+29.39 - 21.39' RT	31.5	
STA. 163+79.99 - 7.14' RT TO STA. 163+80.14 - 13.42' RT		6.3
<b>TOTAL</b>	<b>98</b>	<b>6</b>

**GATE REMOVAL SCHEDULE**

STATION	GATE REMOVAL (EACH)
HERITAGE BIKEWAY	
STA. 103+54.46 - 42.40' LT	1
STA. 117+65.88	1
STA. 128+58.12	1
STA. 129+93.22	1
STA. 163+50.20	1
STA. 164+39.02	1
STA. 191+78.67	1
STA. 198+11.67	1
STA. 354+26.32	1
STA. 354+92.07	1
STA. 363+43.39	1
STA. 374+85.96	1
STA. 440+12.63	1
STA. 440+91.35	1
STA. 461+11.53	1
STA. 461+77.55	1
<b>TOTAL</b>	<b>16</b>

**BUILDING REMOVAL SCHEDULE**

STATION	BUILDING REMOVAL NO. 1 (L. SUM)
HERITAGE BIKEWAY	
STA. 460+10.00 - 29.80' RT	1
<b>TOTAL</b>	<b>1</b>

**BOLLARD REMOVAL SCHEDULE**

STATION	BOLLARD REMOVAL (EACH)
HERITAGE BIKEWAY	
STA. 495+26.08 - 2.40' LT	1
STA. 495+95.25 - 3.28' LT	1
<b>TOTAL</b>	<b>2</b>

**MANHOLES TO BE ADJUSTED**

STATION	MANHOLES TO BE ADJUSTED (EACH)
HERITAGE BIKEWAY	
STA. 105+9.67 - 5.55' LT	1
STA. 107+54.66 - 7.34' LT	1
STA. 109+6.02 - 8.57' LT	1
STA. 117+74.48 - 9.22' LT	1
STA. 119+22.57 - 9.23' LT	1
STA. 149+58.51 - 12.26' LT	1
STA. 156+72.82 - 5.21' LT	1
STA. 158+2.26 - 7.10' LT	1
STA. 166+46.45 - 1.37' LT	1
STA. 175+47.01 - 10.38' LT	1
STA. 178+84.08 - 8.28' LT	1
STA. 182+3.44 - 8.74' LT	1
STA. 182+49.24 - 10.67' LT	1
STA. 185+50.55 - 6.06' LT	1
STA. 209+37.66 - 9.73' LT	1
STA. 217+39.97 - 1.44' RT	1
STA. 218+5.91 - 1.12' LT	1
STA. 221+78.11 - 8.56' LT	1
STA. 228+46.29 - 9.30' LT	1
STA. 230+66.36 - 10.73 LT	1
STA. 274+21.99 - 14.12' RT	1
STA. 283+82.50 - 6.26' RT	1
<b>TOTAL</b>	<b>22</b>

**REMOVE SIGN, SPECIAL SCHEDULE**

STATION	REMOVE SIGN, SPECIAL (EACH)
HERITAGE BIKEWAY	
STA. 103+70.07 - 55.74' LT	1
STA. 129+59.20 - 19.42' LT	1
STA. 164+27.33 - 24.28' LT	1
STA. 281+57.82 - 154.60' RT	1
STA. 354+00.91 - 17.53' LT	1
STA. 463+51.54 - 26.52' RT	1
<b>TOTAL</b>	<b>6</b>

### STRUCTURE SCHEDULE

ITEMS	UNITS	GRAND TOTAL	STRUCTURE NO. 1	STRUCTURE NO. 2	STRUCTURE NO. 3	STRUCTURE NO. 4	STRUCTURE NO. 5	STRUCTURE NO. 6	STRUCTURE NO. 7	STRUCTURE NO. 8	STRUCTURE NO. 9	STRUCTURE NO. 10	STRUCTURE NO. 11	STRUCTURE NO. 12	STRUCTURE NO. 13	STRUCTURE NO. 14	GOSHEN TRAIL BRIDGE
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	211							90					121			
FURNISH AND ERECT SIGN PANEL	SQ FT	72							24			24					24
REMOVAL OF EXISTING STRUCTURE, SPECIAL	EACH	9	1	1	1	1	1	1		1	1		1				
PAINT REMOVAL	SQ FT	11000							7820			3180					
* DEBRIS REMOVAL	L SUM	9	1	1	1	1	1	1		1	1		1				
WOOD RAIL	FOOT	744	58	58	82	76	58	58		58	58		58	24	60	96	
TREE REMOVAL, ACRES	ACRES	0.20	0.05		0.02	0.03	0.01	0.06		0.01	0.01		0.01				
CHANNEL EXCAVATION	CU YD	1335	80	160	155	120	175	110		245	100		190				
FURNISHED EXCAVATION	CU YD	300	105	15	75	40				50	15						
AGGREGATE BASE COURSE, TYPE A	CU YD	123												123			
POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	153	17	17	17	17	17	17		17	17		17				
STONE RIPRAP, CLASS A4	SQ YD	1030								350	310		370				
STONE RIPRAP, CLASS A5	SQ YD	1940		395	430	320	490	305									
STONE RIPRAP, CLASS A6	SQ YD	585	585														
FILTER FABRIC	SQ YD	3555	585	395	430	320	490	305		350	310		370				
HOT MIX ASPHALT SURFACE COURSE MIX "C", N50	TONS	30										10		20			
BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	126	14	14	14	14	14	14		14	14		14				
CONCRETE ENCASEMENT	CU YD	18	5.0	10.0	2.0								1.0				
TREATED TIMBER	FBM	85315	12025	11085	9079	7311	8791	7138		10703	8496		10687				
WATERPROOFING MEMBRANE SYSTEM	SQ YD	236												236			
EPOXY CRACK INJECTION	FOOT	13							10			3					
BOX CULVERTS TO BE CLEANED	FOOT	256							200			56					
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	358															358
RUB RAIL	FOOT	261															261
PAVEMENT REMOVAL (SPECIAL)	SQ YD	180															180
STAINLESS STEEL BANDS	FOOT	154		74				21					59				
TIMBER BEAM REPAIR	L SUM	1	1														
CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1															1
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1															1
BRIDGE DECK CONCRETE OVERLAY	SQ YD	35															35
COFFERDAM (TYPE 1) (LOCATION-1)	EACH	1	1														

\* FOR INFORMATION ONLY, INCLUDED IN EARTH EXCAVATION PAY ITEM.

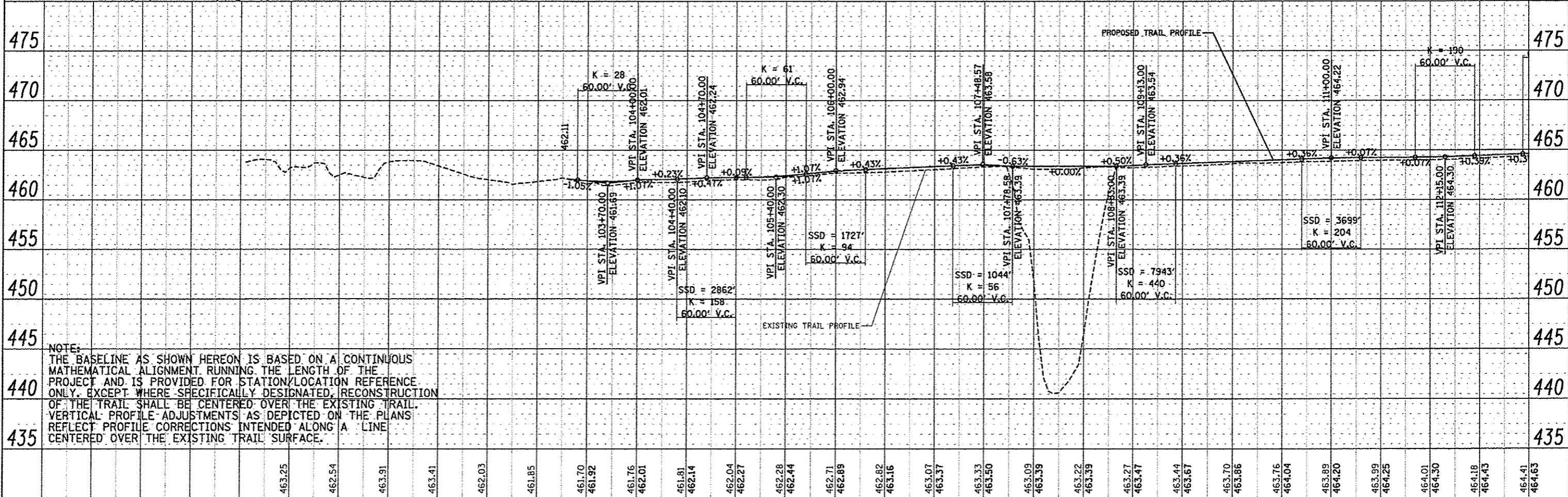
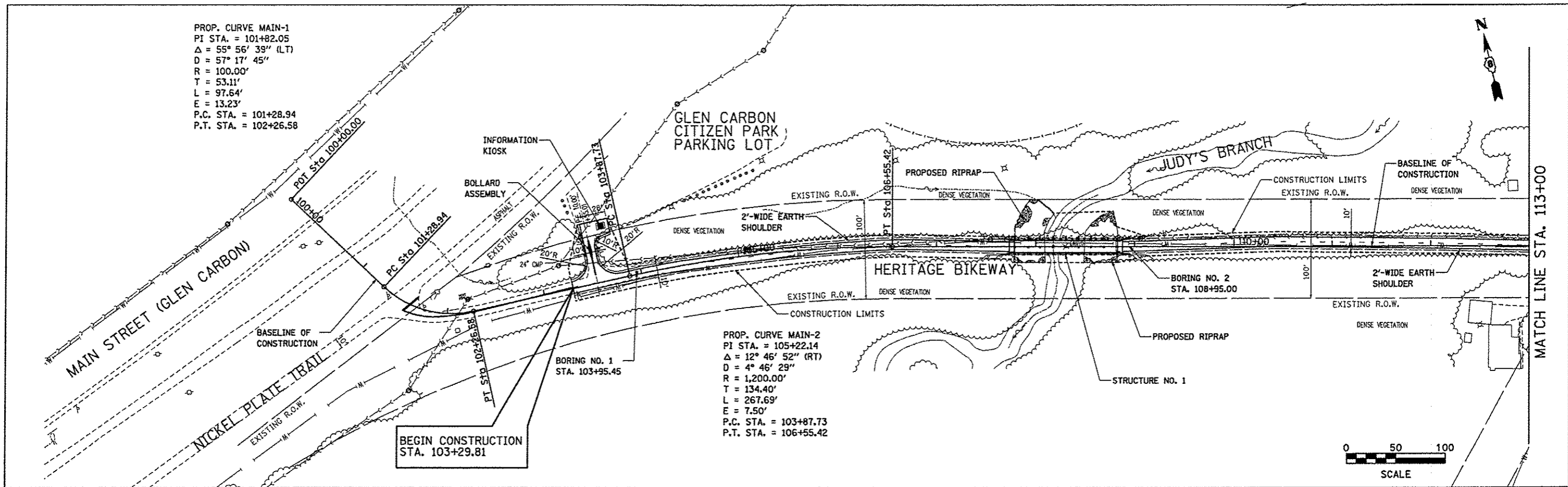
PROP. CURVE MAIN-1  
 PI STA. = 101+82.05  
 $\Delta = 55^\circ 56' 39''$  (LT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 53.11'$   
 $L = 97.64'$   
 $E = 13.23'$   
 P.C. STA. = 101+28.94  
 P.T. STA. = 102+26.58

GLEN CARBON  
 CITIZEN PARK  
 PARKING LOT

PROP. CURVE MAIN-2  
 PI STA. = 105+22.14  
 $\Delta = 12^\circ 46' 52''$  (RT)  
 $D = 4^\circ 46' 29''$   
 $R = 1,200.00'$   
 $T = 134.40'$   
 $L = 267.69'$   
 $E = 7.50'$   
 P.C. STA. = 103+87.73  
 P.T. STA. = 106+55.42

PLAN	DATE
BY	
NO.	
FILE NAME	

PROFILE	DATE
BY	
NO.	
FILE NAME	



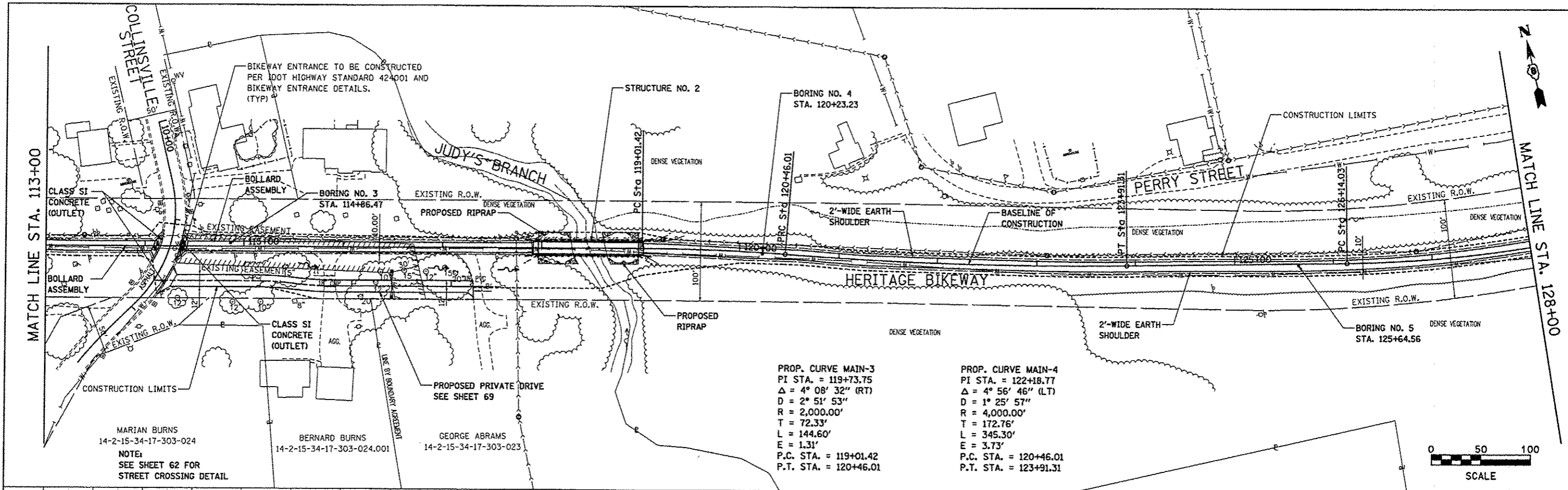
NOTE:  
 THE BASELINE AS SHOWN HEREON IS BASED ON A CONTINUOUS MATHEMATICAL ALIGNMENT RUNNING THE LENGTH OF THE PROJECT AND IS PROVIDED FOR STATION/LOCATION REFERENCE ONLY. EXCEPT WHERE SPECIFICALLY DESIGNATED, RECONSTRUCTION OF THE TRAIL SHALL BE CENTERED OVER THE EXISTING TRAIL. VERTICAL PROFILE ADJUSTMENTS AS DEPICTED ON THE PLANS REFLECT PROFILE CORRECTIONS INTENDED ALONG A LINE CENTERED OVER THE EXISTING TRAIL SURFACE.

FILE NAME * plan01.dgn	USER NAME * Jeromy	DESIGNED - SAS	DRAWN - JDH	CHECKED - WJB	DATE - 11/30/12	MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY		PLAN AND PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								SCALE: 1" = 50'		SHEET NO. 1 OF 30 SHEETS		STA. 100+00.00 TO STA. 113+00.00		FED. ROAD DIST. NO.



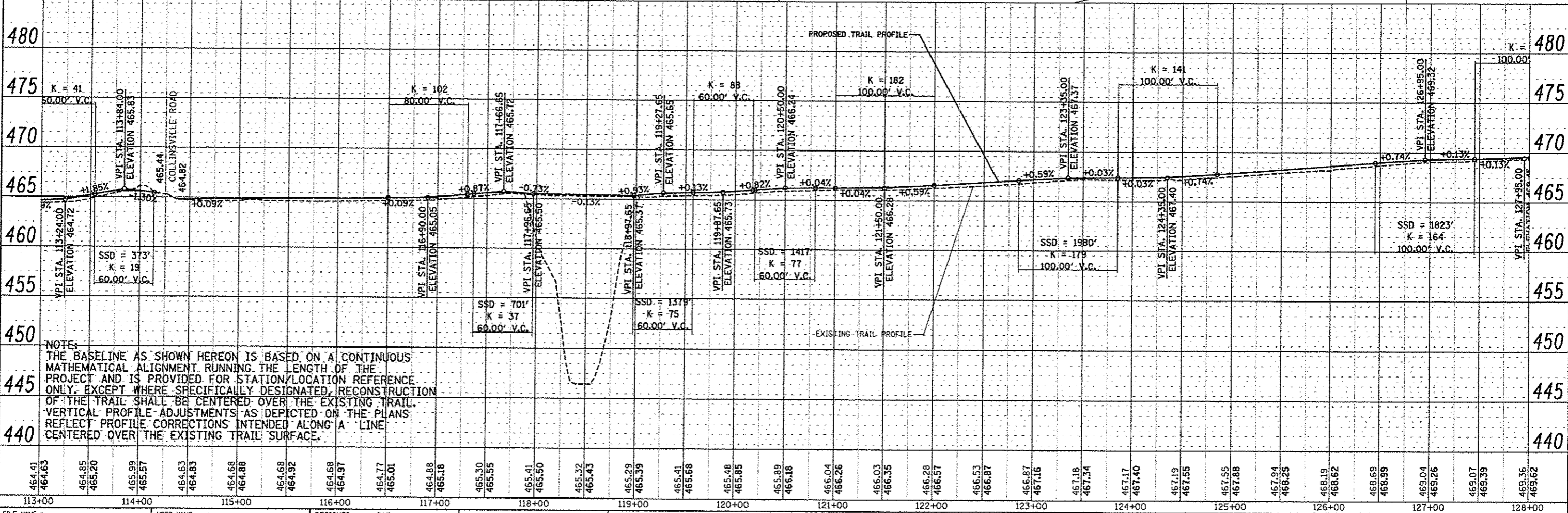
PLAN	BY	DATE
SURVEYED		
ALIGNED		
GRADES CHECKED		
STRUCTURE NOTATIONS OK'D		
NOTE BOOK		
NO. OF WAYS CHECKED		
NO. OF FILE NAME		

PROFILE	BY	DATE
SURVEYED		
GRADES CHECKED		
STRUCTURE NOTATIONS OK'D		
NOTE BOOK		
NO. OF WAYS CHECKED		
NO. OF FILE NAME		



PROP. CURVE MAIN-3  
 PI STA. = 119+73.75  
 $\Delta = 4^\circ 08' 32''$  (RT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 72.33'$   
 $L = 144.60'$   
 $E = 1.31'$   
 P.C. STA. = 119+01.42  
 P.T. STA. = 120+46.01

PROP. CURVE MAIN-4  
 PI STA. = 122+18.77  
 $\Delta = 4^\circ 56' 46''$  (LT)  
 $D = 1^\circ 25' 57''$   
 $R = 4,000.00'$   
 $T = 172.76'$   
 $L = 345.30'$   
 $E = 3.73'$   
 P.C. STA. = 120+46.01  
 P.T. STA. = 123+91.31



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FILE NAME = p1a-02.dgn	USER NAME = jeramy	DESIGNED - SAS	MADISON COUNTY TRANSIT DISTRICT		PLAN AND PROFILE		F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JOH	HERITAGE BIKEWAY					06-00016-00-BT	MADISON	310	33
		CHECKED - WJB			SCALE: 1" = 50'		SHEET NO. 2 OF 30 SHEETS		STA. 113+00.00 TO STA. 128+00.00		CONTRACT NO. 97433
		DATE = 11/30/12							FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT



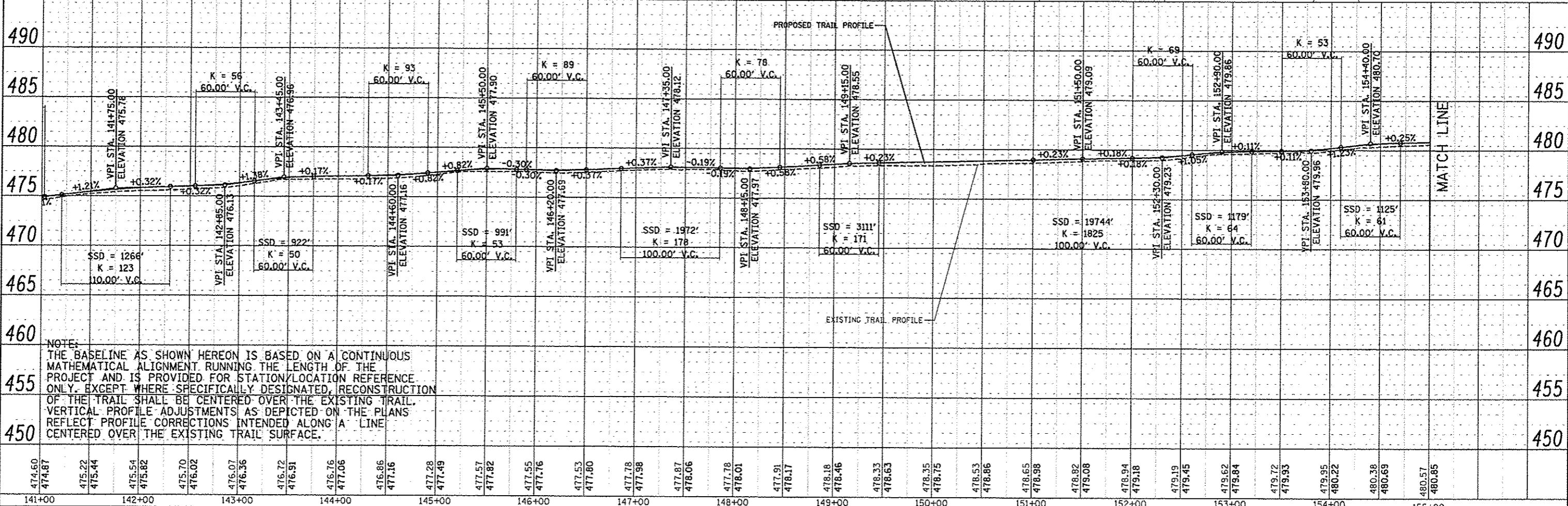
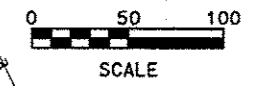
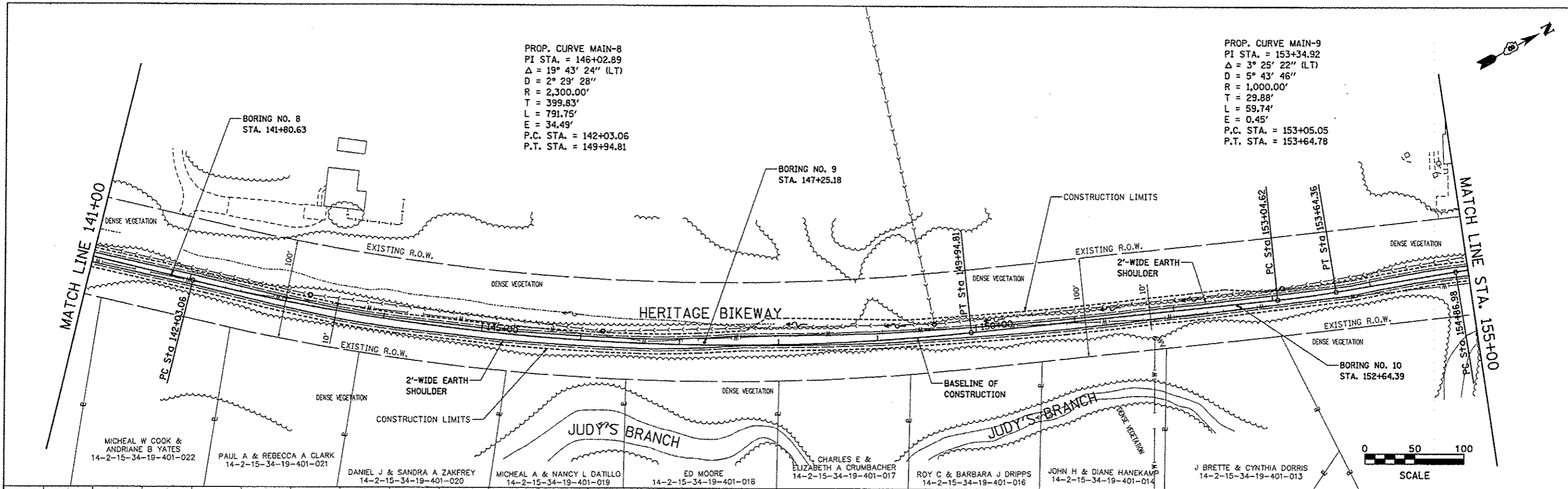


PROP. CURVE MAIN-8  
 PI STA. = 146+02.89  
 $\Delta = 19^\circ 43' 24''$  (LT)  
 $D = 2^\circ 29' 28''$   
 $R = 2,300.00'$   
 $T = 399.83'$   
 $L = 791.75'$   
 $E = 34.49'$   
 P.C. STA. = 142+03.06  
 P.T. STA. = 149+94.81

PROP. CURVE MAIN-9  
 PI STA. = 153+34.92  
 $\Delta = 3^\circ 25' 22''$  (LT)  
 $D = 5^\circ 43' 46''$   
 $R = 1,000.00'$   
 $T = 29.88'$   
 $L = 59.74'$   
 $E = 0.45'$   
 P.C. STA. = 153+05.05  
 P.T. STA. = 153+64.78

PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	



NOTE:  
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FILE NAME * plan04.dgn	USER NAME * Jeremy	DESIGNED - SAS	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE TRAIL</b>	<b>PLAN AND PROFILE</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH				06-00016-00-BT	MADISON	310	35	
		CHECKED - WJB						CONTRACT NO. 97433		
		DATE - 11/30/12				SCALE: 1" = 50'	SHEET NO. 4 OF 30 SHEETS	STA. 141+00.00 TO STA. 155+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



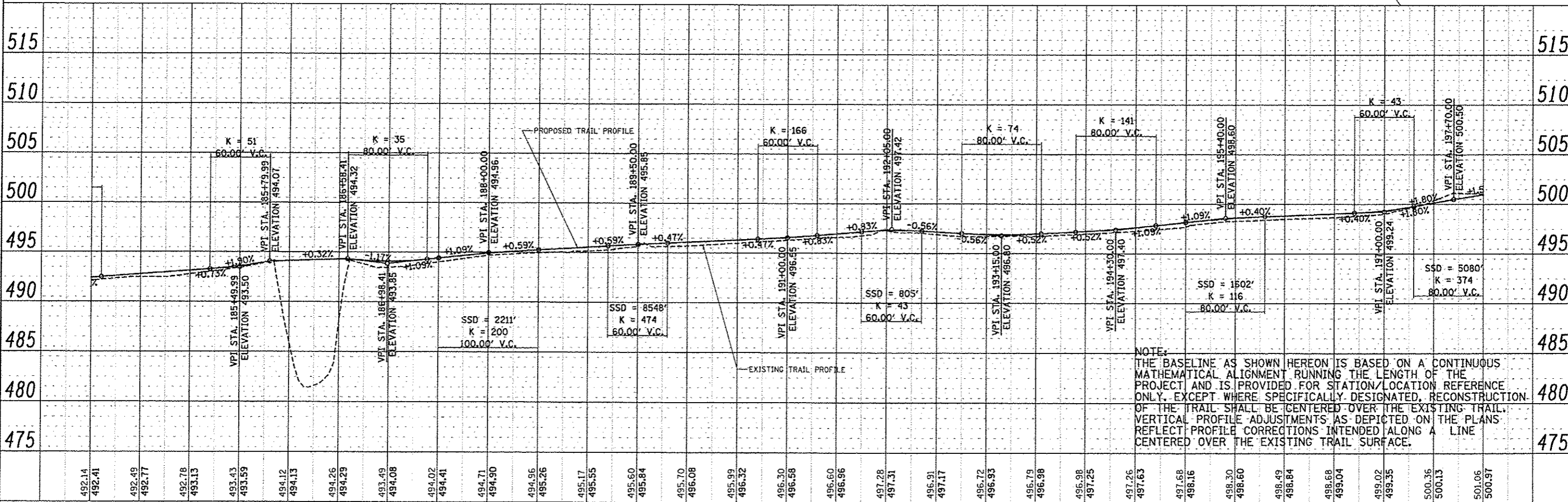
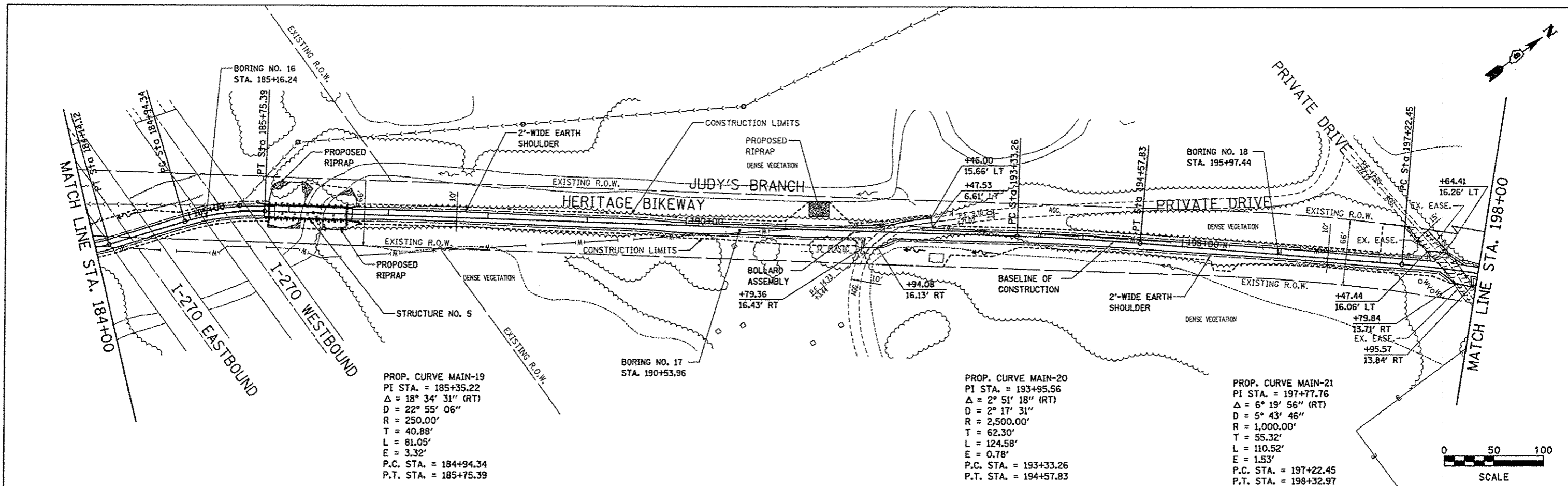






PLAN	DATE
BY	
CHECKED	
DESIGNED	
NOTED	
FILE NO.	

PROFILE	DATE
BY	
CHECKED	
DESIGNED	
NOTED	
FILE NO.	



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FILE NAME = plan07.dgn	USER NAME = Jeremy	DESIGNED = SAS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLLOT SCALE = #SCALE#	CHECKED = WJB	DRAWN = JDH	06-00016-00-BT	MADISON	310	38	
PLLOT DATE = 12/18/2012	DATE = 11/30/12						

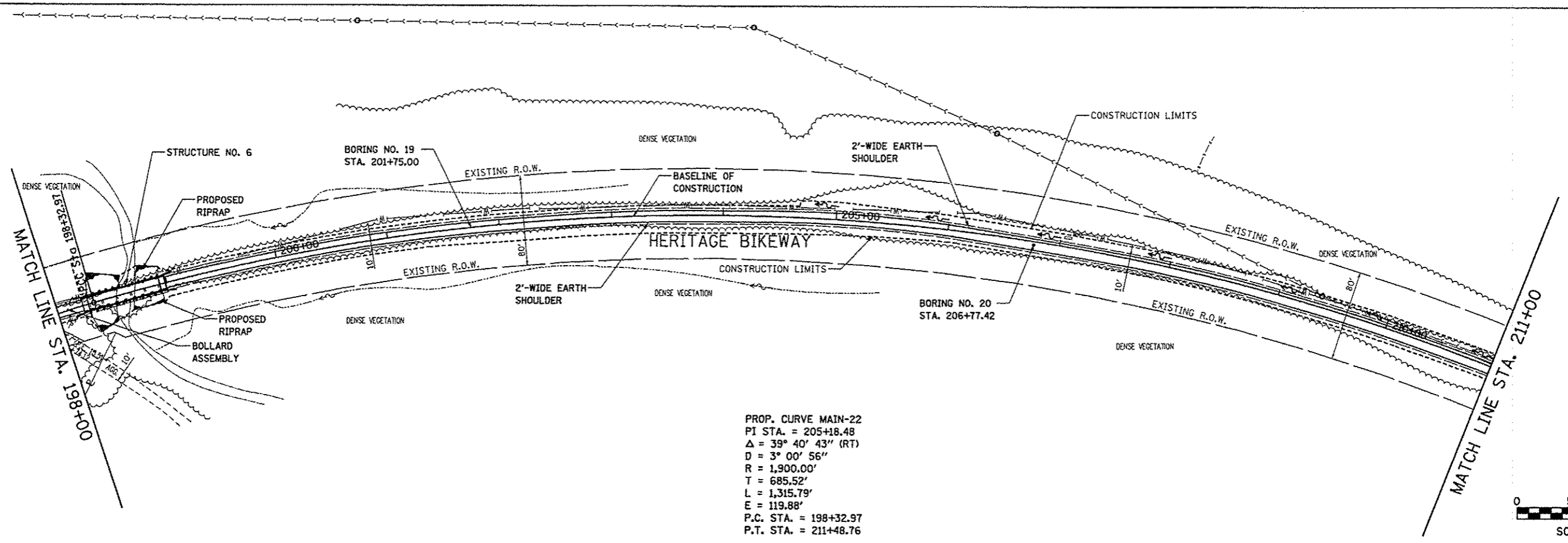
**MADISON COUNTY TRANSIT DISTRICT  
HERITAGE BIKEWAY**

**PLAN AND PROFILE**

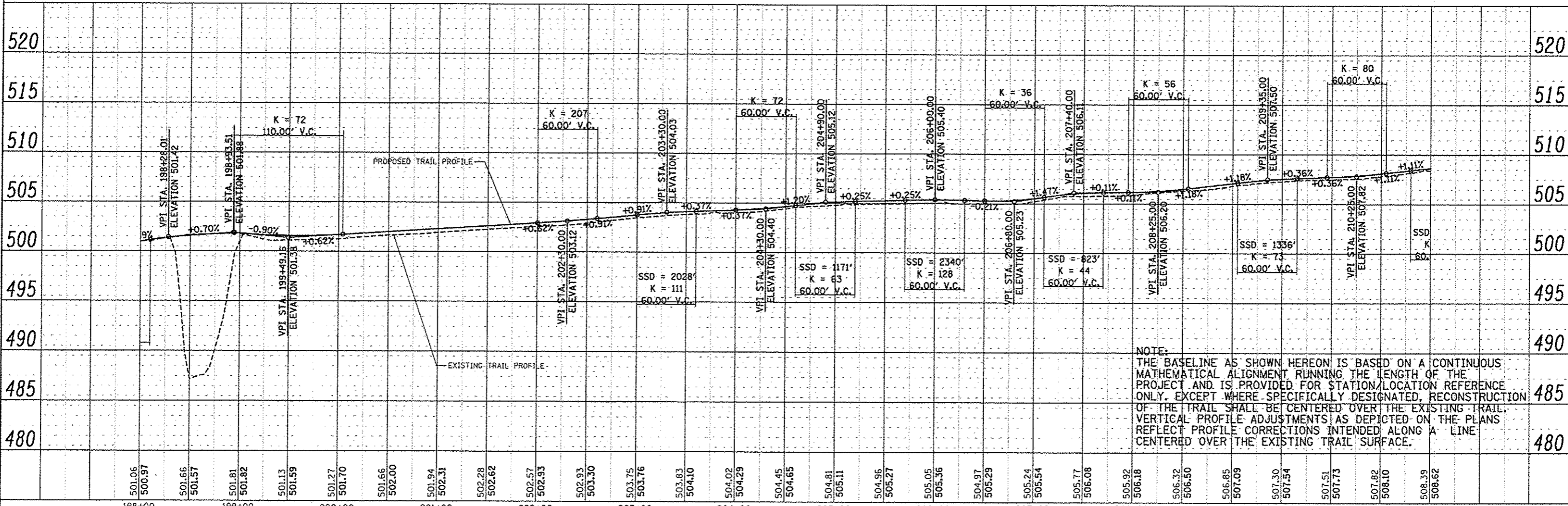
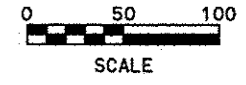
SCALE: 1" = 50' SHEET NO. 7 OF 30 SHEETS STA. 184+00.00 TO STA. 198+00.00 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 97433

PLAN	DATE
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BY	
NO.	

PROFILE	DATE
DESIGNED	
NOTED	
BY	
NO.	



PROP. CURVE MAIN-22  
 PI STA. = 205+18.48  
 $\Delta = 39^\circ 40' 43''$  (RT)  
 $D = 3^\circ 00' 56''$   
 $R = 1,900.00'$   
 $T = 685.52'$   
 $L = 1,315.79'$   
 $E = 119.88'$   
 P.C. STA. = 198+32.97  
 P.T. STA. = 211+48.76



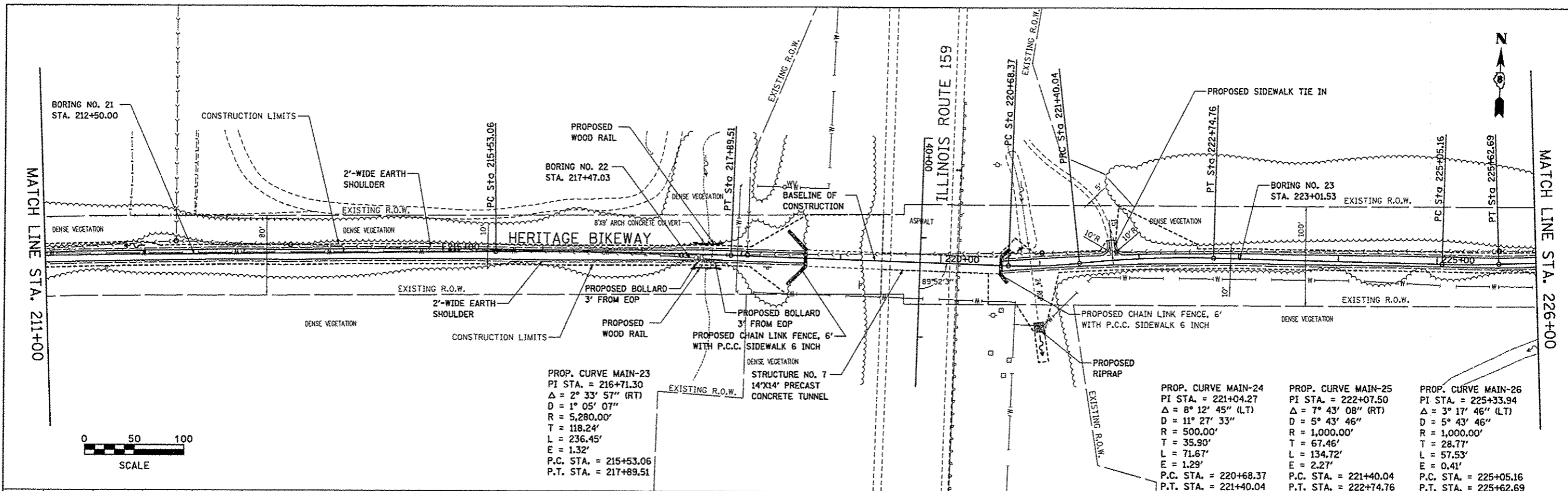
NOTE:  
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FILE NAME = p19808.dgn	USER NAME = jeremy	DESIGNED - SAS	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE TRAIL</b>	<b>PLAN AND PROFILE</b>		F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JQH					06-00016-00-BT	MADISON	310	39
		CHECKED - WJB				SCALE: 1" = 50'		CONTRACT NO. 97433		
		DATE - 11/30/12				SHEET NO. 8 OF 30 SHEETS		STA. 198+00.00 TO STA. 211+00.00		FED. ROAD DIST. NO.



BY	DATE
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DRAWN	
CHECKED	
DATE	

BY	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	



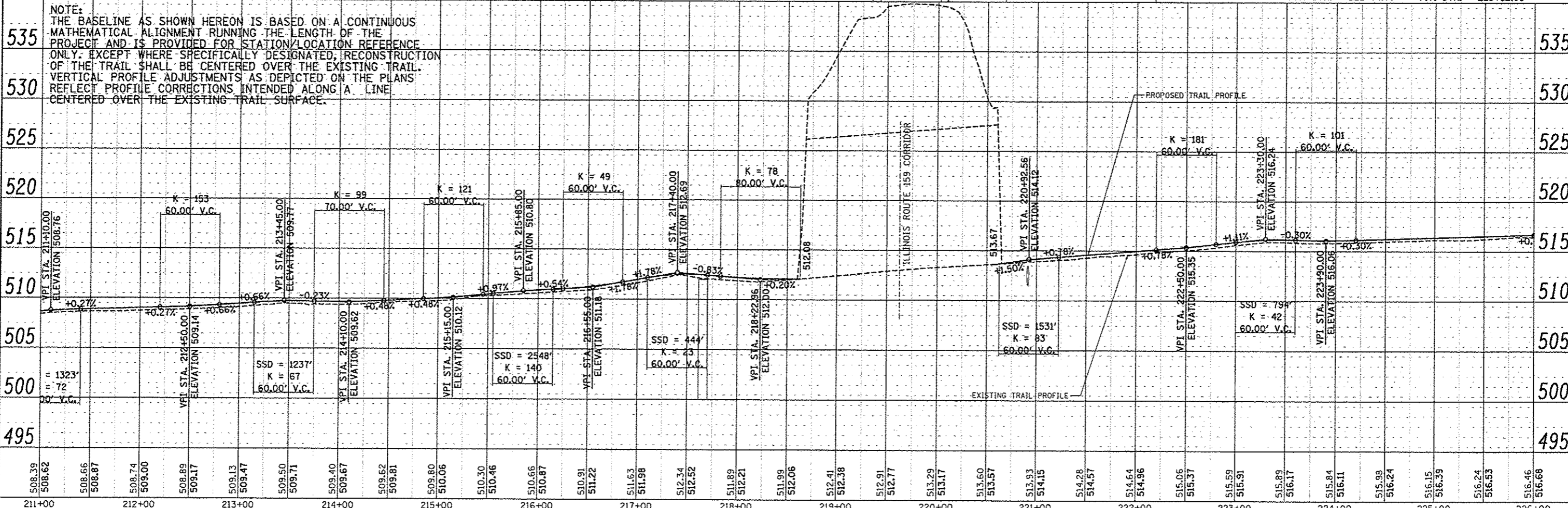
PROP. CURVE MAIN-23  
 PI STA. = 216+71.30  
 $\Delta = 2^\circ 33' 57''$  (RT)  
 $D = 1^\circ 05' 07''$   
 $R = 5,280.00'$   
 $T = 118.24'$   
 $L = 236.45'$   
 $E = 1.32'$   
 P.C. STA. = 215+53.06  
 P.T. STA. = 217+89.51

PROP. CURVE MAIN-24  
 PI STA. = 221+04.27  
 $\Delta = 8^\circ 12' 45''$  (LT)  
 $D = 11^\circ 27' 33''$   
 $R = 500.00'$   
 $T = 35.90'$   
 $L = 71.67'$   
 $E = 1.29'$   
 P.C. STA. = 220+68.37  
 P.T. STA. = 221+40.04

PROP. CURVE MAIN-25  
 PI STA. = 222+07.50  
 $\Delta = 7^\circ 43' 08''$  (RT)  
 $D = 5^\circ 43' 46''$   
 $R = 1,000.00'$   
 $T = 67.46'$   
 $L = 134.72'$   
 $E = 2.27'$   
 P.C. STA. = 221+40.04  
 P.T. STA. = 222+74.76

PROP. CURVE MAIN-26  
 PI STA. = 225+33.94  
 $\Delta = 3^\circ 17' 46''$  (LT)  
 $D = 5^\circ 43' 46''$   
 $R = 1,000.00'$   
 $T = 28.77'$   
 $L = 57.53'$   
 $E = 0.41'$   
 P.C. STA. = 225+05.16  
 P.T. STA. = 225+62.69

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FILE NAME: p1andp.dgn	USER NAME: Jeremy	DESIGNED: SAS	DRAWN: JDH	CHECKED: WJB	DATE: 11/30/12	MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY		PLAN AND PROFILE		SCALE: 1" = 50'	SHEET NO. 9 OF 30 SHEETS	STA. 211+00.00 TO STA. 226+00.00	F.A. RTE. 06-00016-00-BT	SECTION 310	COUNTY MADISON	TOTAL SHEETS 310	SHEET NO. 40	CONTRACT NO. 97433	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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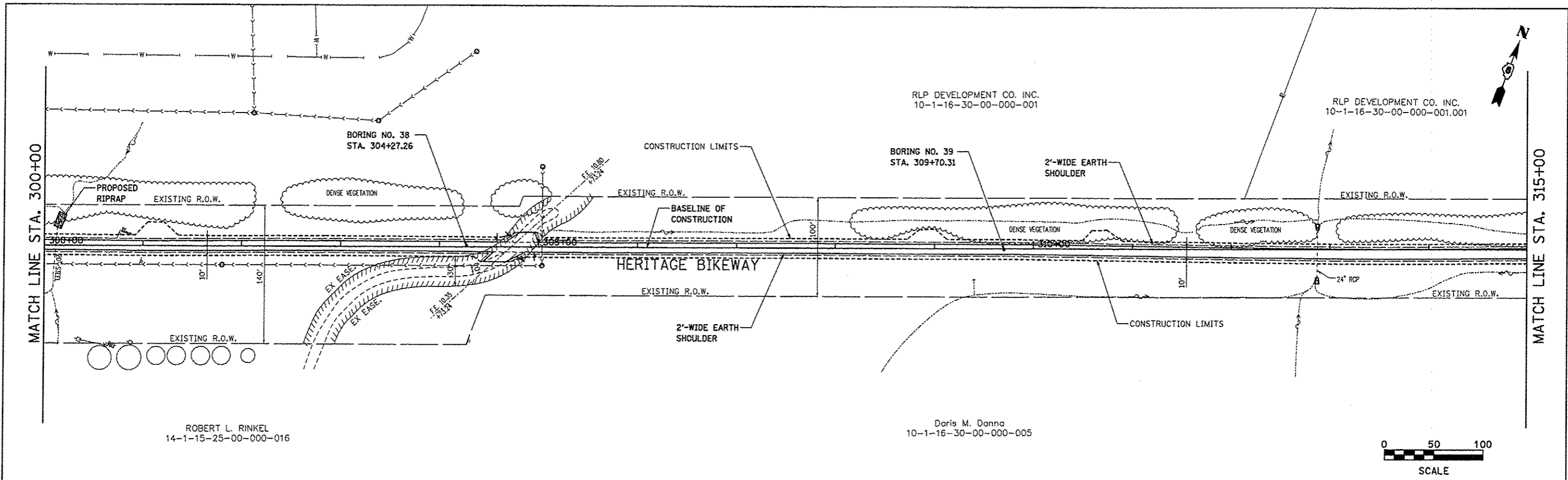






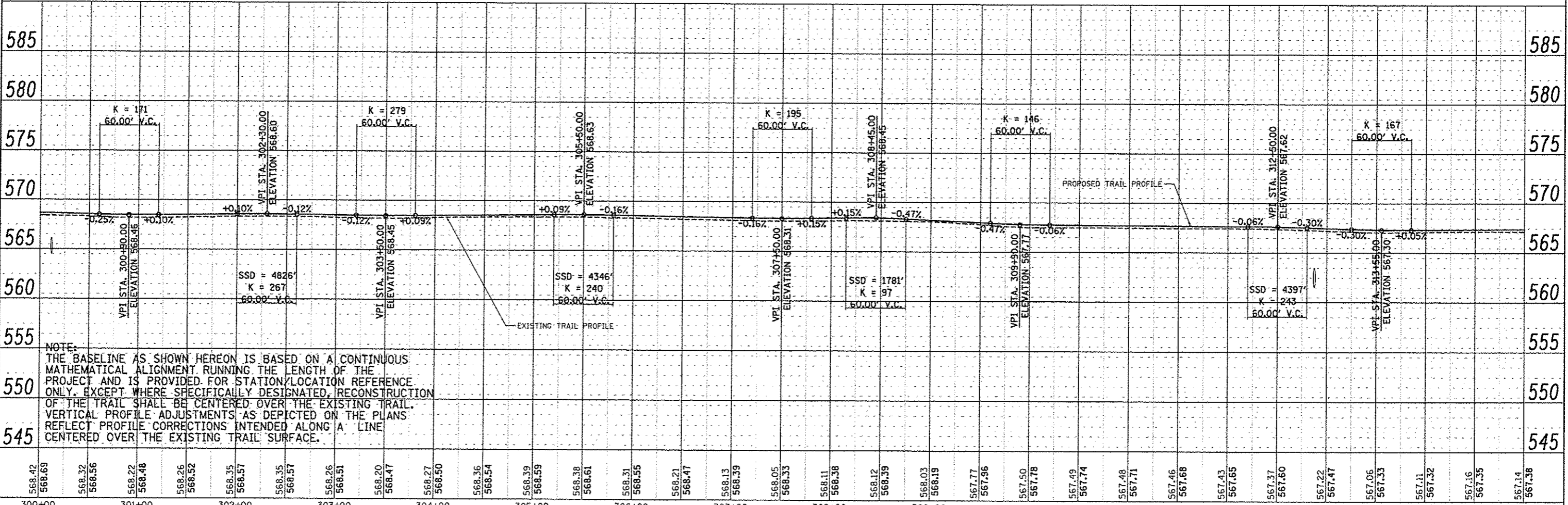
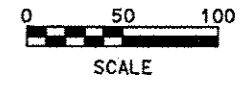
DATE	
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DESIGNED	
DRAWN	
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DATE	
PLAN	
NOTE BOOK	
NO.	

DATE	
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DRAWN	
CHECKED	
DATE	
PROFILE	
NOTE BOOK	
NO.	



ROBERT L. RINKEL  
14-1-15-25-00-000-016

Doris M. Donna  
10-1-16-30-00-000-005



NOTE:  
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568.42 568.69	568.32 568.56	568.22 568.48	568.26 568.52	568.35 568.57	568.35 568.57	568.26 568.51	568.20 568.47	568.27 568.50	568.36 568.54	568.39 568.59	568.38 568.61	568.31 568.55	568.21 568.47	568.13 568.39	568.05 568.33	568.11 568.38	568.12 568.39	568.03 568.19	567.77 567.96	567.50 567.78	567.49 567.74	567.48 567.71	567.46 567.68	567.43 567.65	567.37 567.60	567.22 567.47	567.06 567.33	567.11 567.32	567.16 567.35	567.14 567.38
300+00	301+00	302+00	303+00	304+00	305+00	306+00	307+00	308+00	309+00	310+00	311+00	312+00	313+00	314+00	315+00															

FILE NAME = plan15.dgn  
USER NAME = Jeremy  
DESIGNED - SAS  
DRAWN - JDH  
CHECKED - WJB  
DATE - 11/30/12

PLLOT SCALE = #SCALE#  
PLOT DATE = 12/18/2012

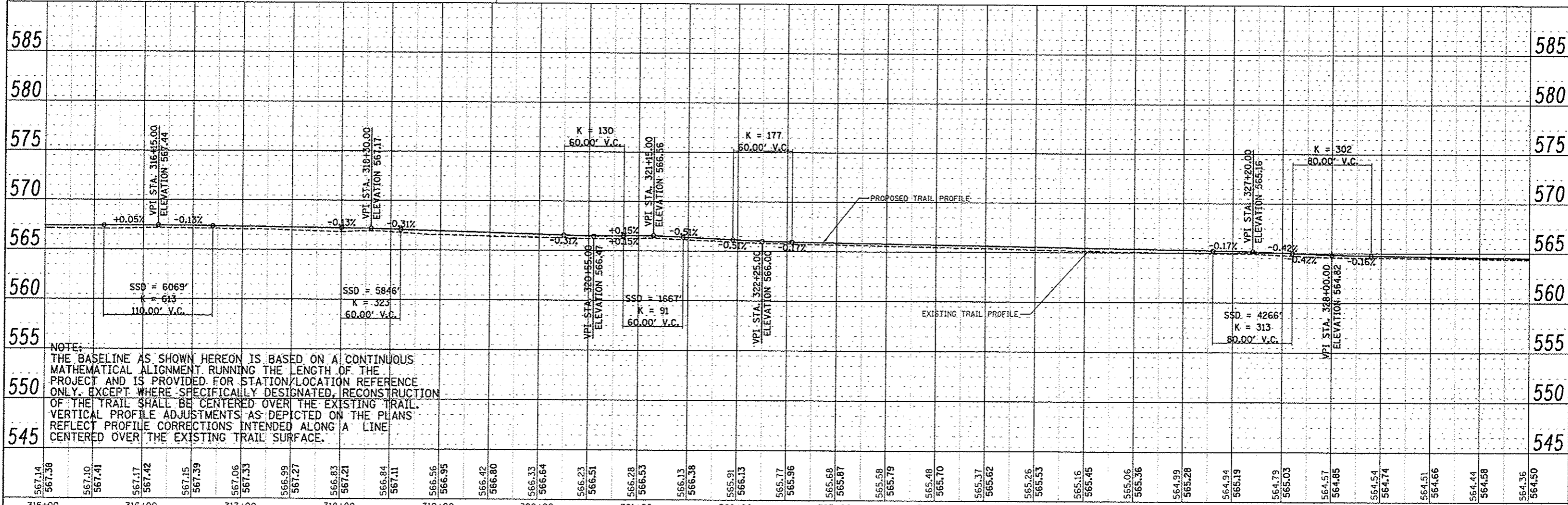
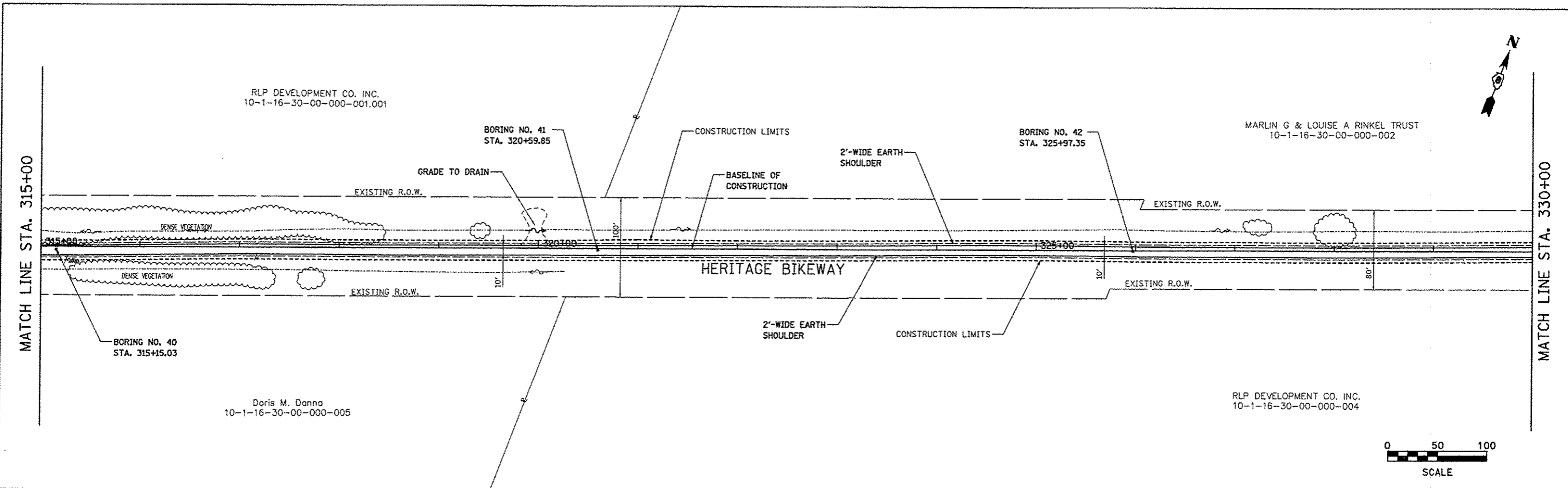
MADISON COUNTY TRANSIT DISTRICT  
HERITAGE BIKEWAY

PLAN AND PROFILE  
SCALE: 1" = 50'  
SHEET NO. 15 OF 30 SHEETS  
STA. 300+00.00 TO STA. 315+00.00

F.A. SECTION COUNTY TOTAL SHEETS NO.  
RTE. 06-00016-00-BT MADISON 310 46  
CONTRACT NO. 97433  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

PLAN	DATE
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REVISIONS	
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DATE	
DESCRIPTION	
BY	
DATE	
DESCRIPTION	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
DESCRIPTION	
BY	
DATE	
DESCRIPTION	



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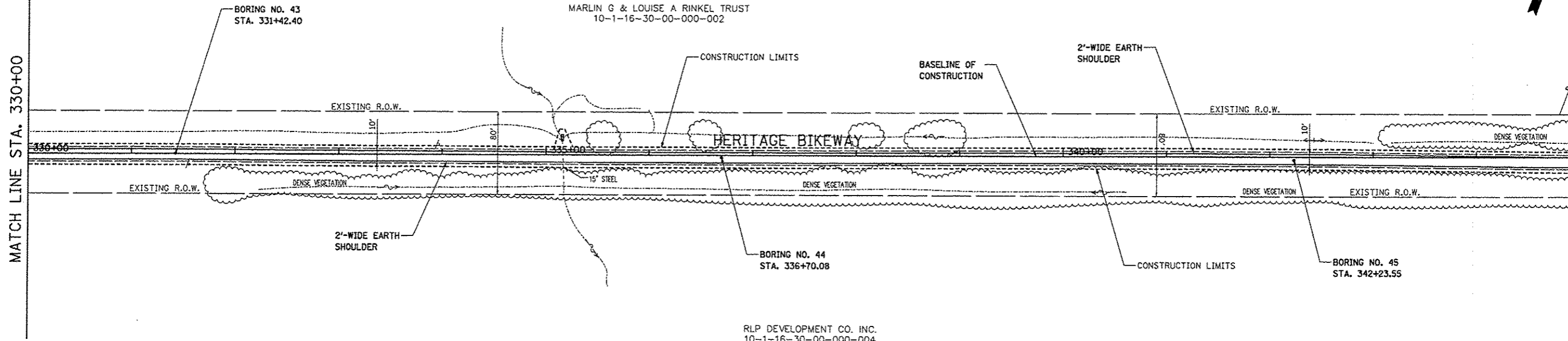
FILE NAME: p16n06.dgn	USER NAME: jeremy	DESIGNED: SAS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE: #SCALE#	CHECKED: WJB	DATE: 11/30/12	06-00016-00-BT	MADISON	310	47	
MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY			PLAN AND PROFILE		CONTRACT NO. 97433		
SCALE: 1" = 50'			SHEET NO. 16 OF 30 SHEETS		STA. 315+00.00 TO STA. 330+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

PLAN	DATE
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NOTE BOOK	
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FILE NAME	
BY	

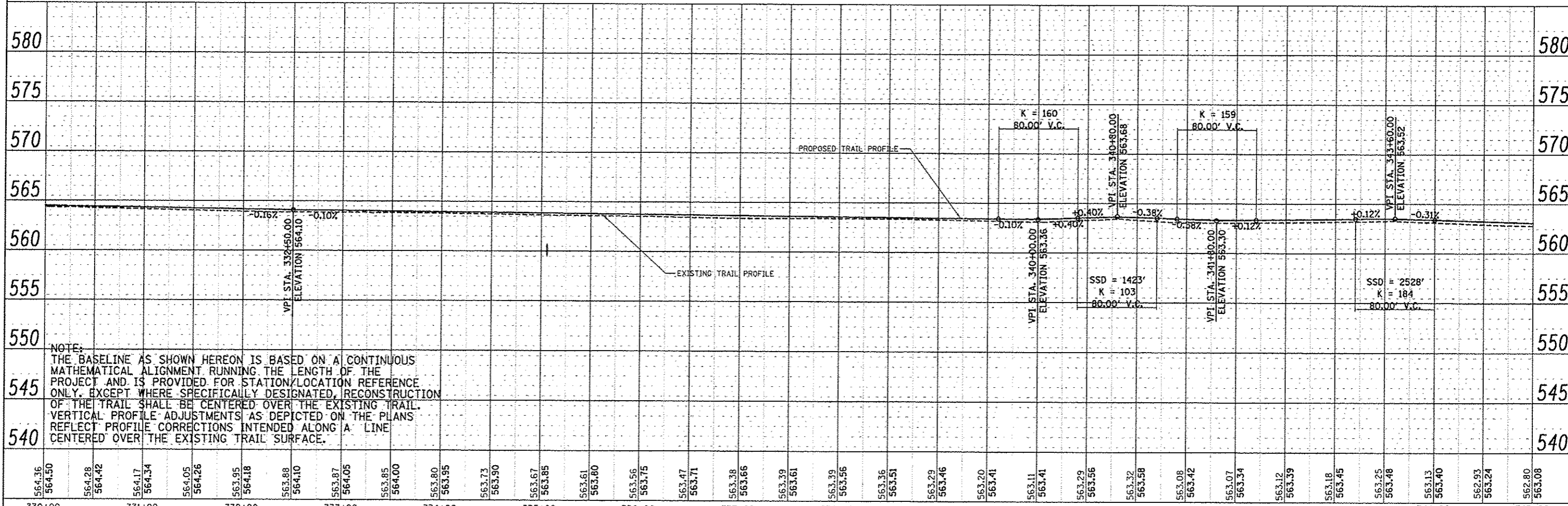
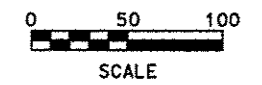
PROFILE	DATE
DESIGNED	
CHECKED	
DATE	
BY	

MATCH LINE STA. 330+00

MATCH LINE STA. 345+00



RLP DEVELOPMENT CO. INC.  
10-1-16-30-00-000-004



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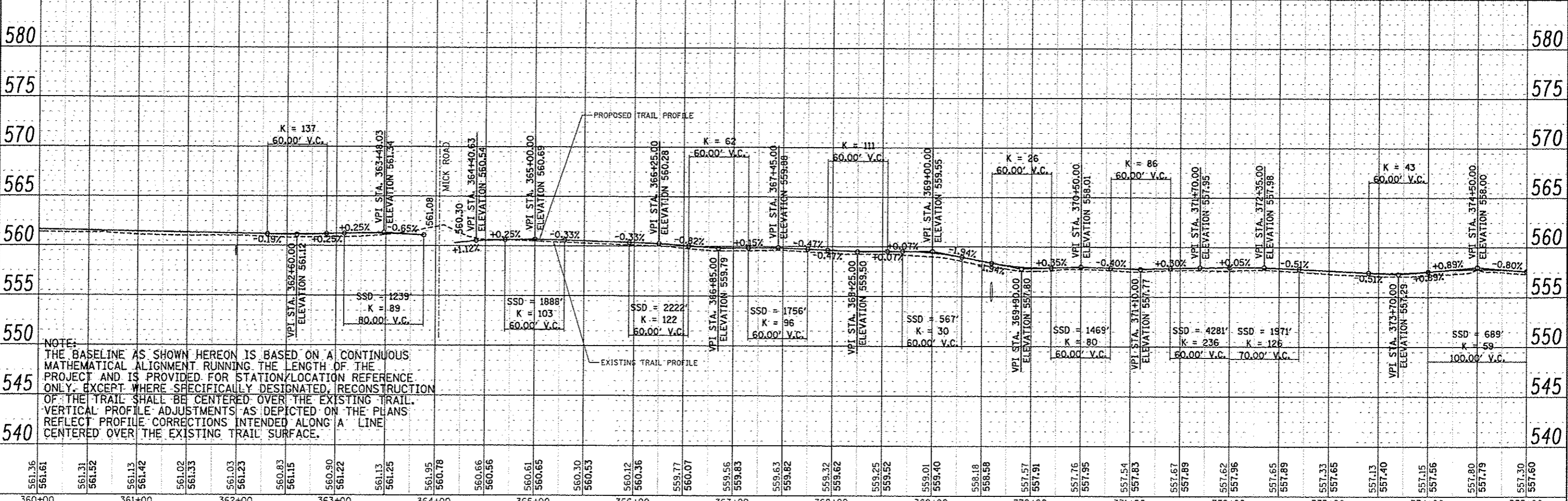
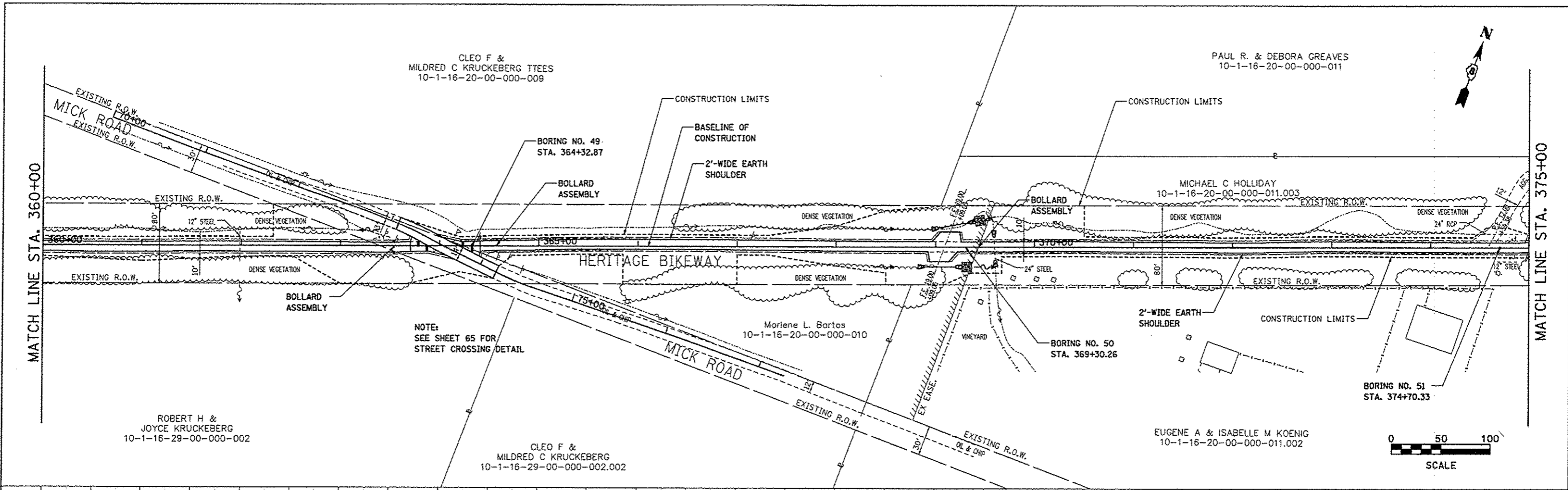
564.36	564.50	564.28	564.42	564.17	564.34	564.05	564.26	563.95	564.18	563.88	564.10	563.87	564.05	563.85	564.00	563.80	563.95	563.73	563.90	563.67	563.85	563.61	563.80	563.56	563.75	563.47	563.71	563.38	563.66	563.39	563.61	563.39	563.56	563.36	563.51	563.29	563.46	563.20	563.41	563.11	563.41	563.29	563.56	563.32	563.58	563.08	563.42	563.07	563.34	563.12	563.39	563.18	563.45	563.25	563.48	563.13	563.40	562.93	563.24	562.80	563.08
330+00	331+00	332+00	333+00	334+00	335+00	336+00	337+00	338+00	339+00	340+00	341+00	342+00	343+00	344+00	345+00																																														
USER NAME = jeremy										DESIGNED - SAS										DRAWN - JDH										CHECKED - WJB										DATE - 11/30/12																					
PLOT SCALE = #SCALE#										SCALE: 1" = 50'										SHEET NO. 17 OF 30 SHEETS										STA. 330+00.00 TO STA. 345+00.00																															
PLOT DATE = 12/18/2012										MADISON COUNTY TRANSIT DISTRICT										HERITAGE BIKEWAY										PLAN AND PROFILE																															
FILE NAME = plan17.dgn										SECTION 06-00016-00-BT										COUNTY MADISON										TOTAL SHEETS 48																															
										CONTRACT NO. 97433										FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT																																									





DATE	
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REVISIONS	
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DESCRIPTION	



NOTE:  
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561.36 561.61	561.31 561.52	561.13 561.42	561.02 561.33	561.03 561.23	560.83 561.15	560.90 561.22	561.13 561.25	561.95 560.78	560.66 560.96	560.61 560.65	560.30 560.53	560.12 560.36	559.77 560.07	559.56 559.83	559.63 559.82	559.32 559.62	559.25 559.52	559.01 559.40	558.18 558.58	557.57 557.91	557.76 557.95	557.54 557.83	557.67 557.89	557.62 557.96	557.65 557.89	557.33 557.65	557.13 557.40	557.15 557.56	557.80 557.79	557.30 557.60						
360+00	361+00	362+00	363+00	364+00	365+00	366+00	367+00	368+00	369+00	370+00	371+00	372+00	373+00	374+00	375+00																					
FILE NAME: Plan1.dwg USER NAME: Jeremy DESIGNED: SAS DRAWN: JQH CHECKED: WJB PLOT DATE: 12/18/2012 DATE: 11/30/12															<b>MADISON COUNTY TRANSIT DISTRICT</b> <b>HERITAGE BIKEWAY</b>										<b>PLAN AND PROFILE</b> SCALE: 1" = 50' SHEET NO. 19 OF 30 SHEETS STA. 360+00.00 TO STA. 375+00.00										SECTION: 06-00016-00-BT COUNTY: MADISON TOTAL SHEETS: 310 SHEET NO.: 50 CONTRACT NO.: 97433	

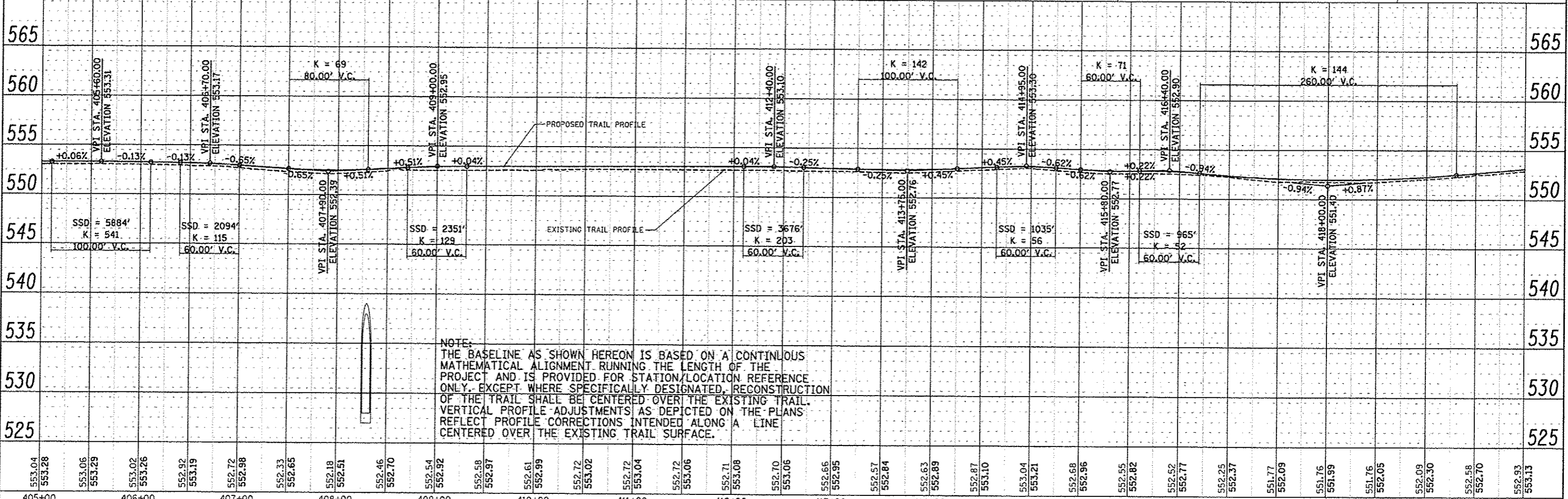
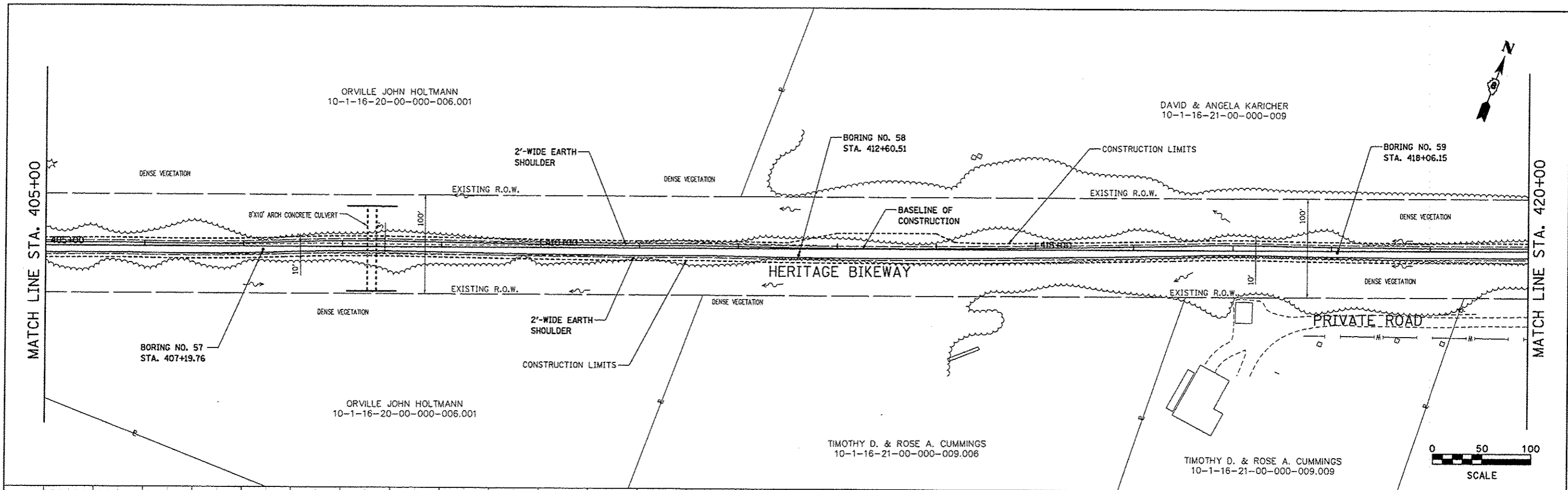






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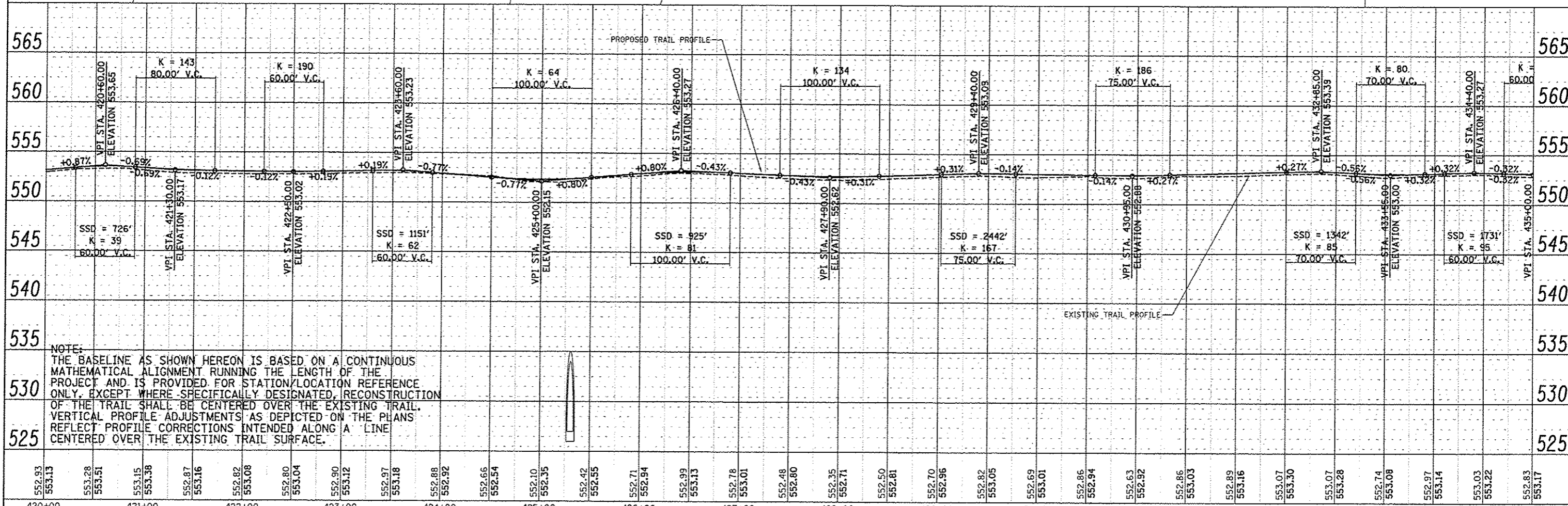
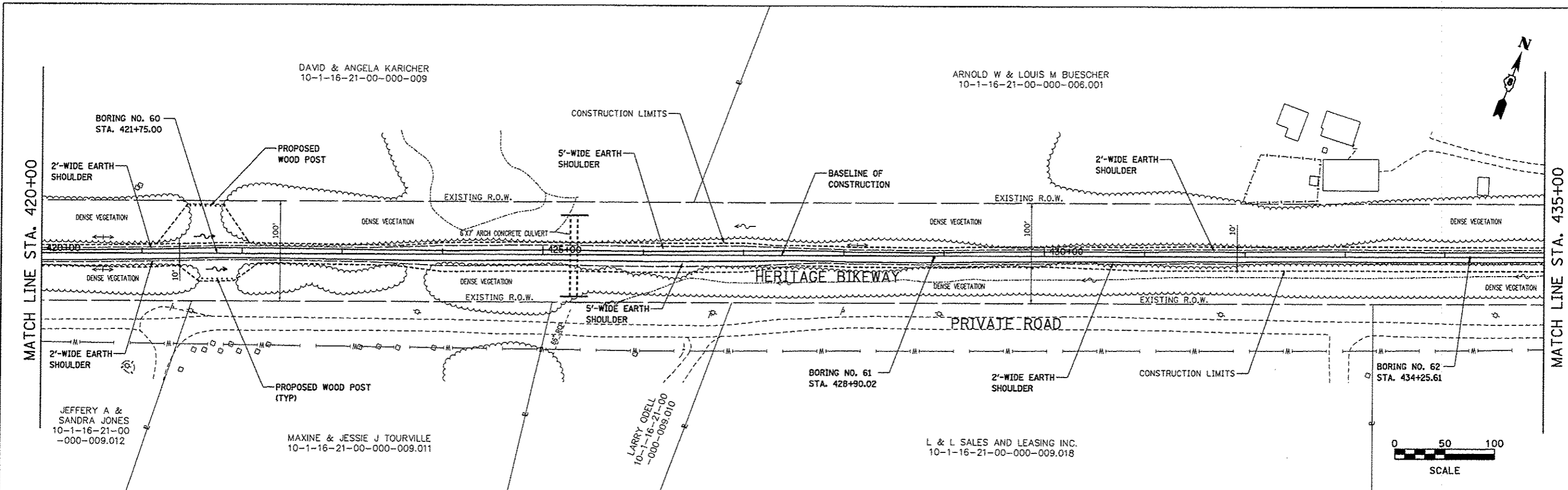
PROFILE	DATE
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FILE NAME: plan22.dgn	USER NAME: Jeromy	DESIGNED: SAS	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PLAN AND PROFILE</b>	F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE: #SCALE#	CHECKED: WJB	DATE: 11/30/12			06-00016-00-BT	MADISON	310	53	
PLOT DATE: 12/18/2012	DATE: 11/30/12				CONTRACT NO. 97433				
					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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FILE NAME = plan23.dgn	USER NAME = jeremy	DESIGNED = SAS	MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN = JDH			06-00016-00-BT	MADISON	310	54	
		CHECKED = WJB			CONTRACT NO. 97433				
		DATE = 11/30/12			SCALE: 1" = 50'	SHEET NO. 23 OF 30 SHEETS	STA. 420+00.00 TO STA. 435+00.00	FED. ROAD DIST. NO.	ILLINOIS

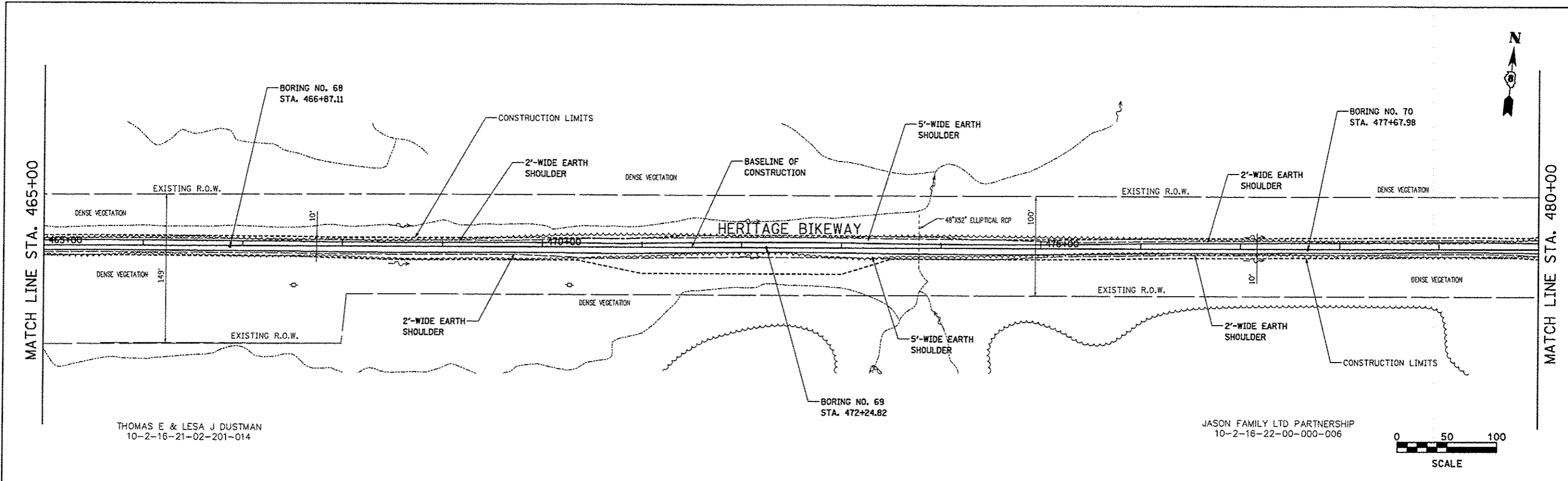






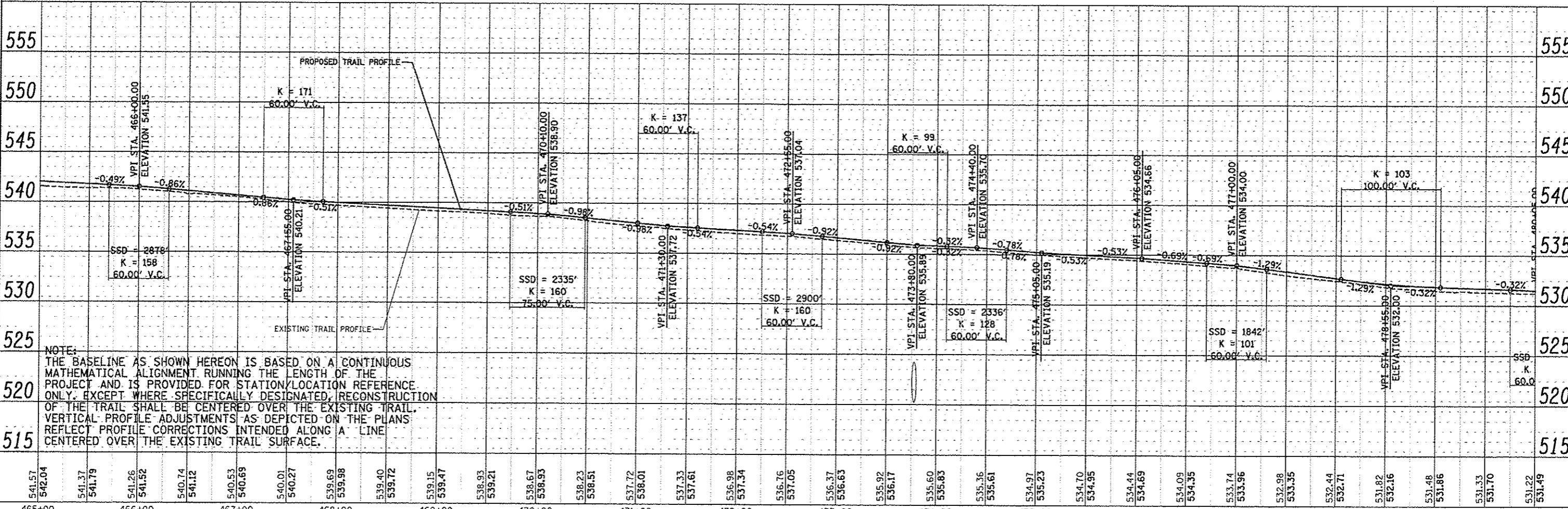
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THOMAS E & LESA J DUSTMAN  
10-2-16-21-02-201-014

JASON FAMILY LTD PARTNERSHIP  
10-2-16-22-00-000-006



NOTE:  
THE BASELINE AS SHOWN HEREON IS BASED ON A CONTINUOUS MATHEMATICAL ALIGNMENT RUNNING THE LENGTH OF THE PROJECT AND IS PROVIDED FOR STATION/LOCATION REFERENCE ONLY. EXCEPT WHERE SPECIFICALLY DESIGNATED, RECONSTRUCTION OF THE TRAIL SHALL BE CENTERED OVER THE EXISTING TRAIL. VERTICAL PROFILE ADJUSTMENTS AS DEPICTED ON THE PLANS REFLECT PROFILE CORRECTIONS INTENDED ALONG A LINE CENTERED OVER THE EXISTING TRAIL SURFACE.

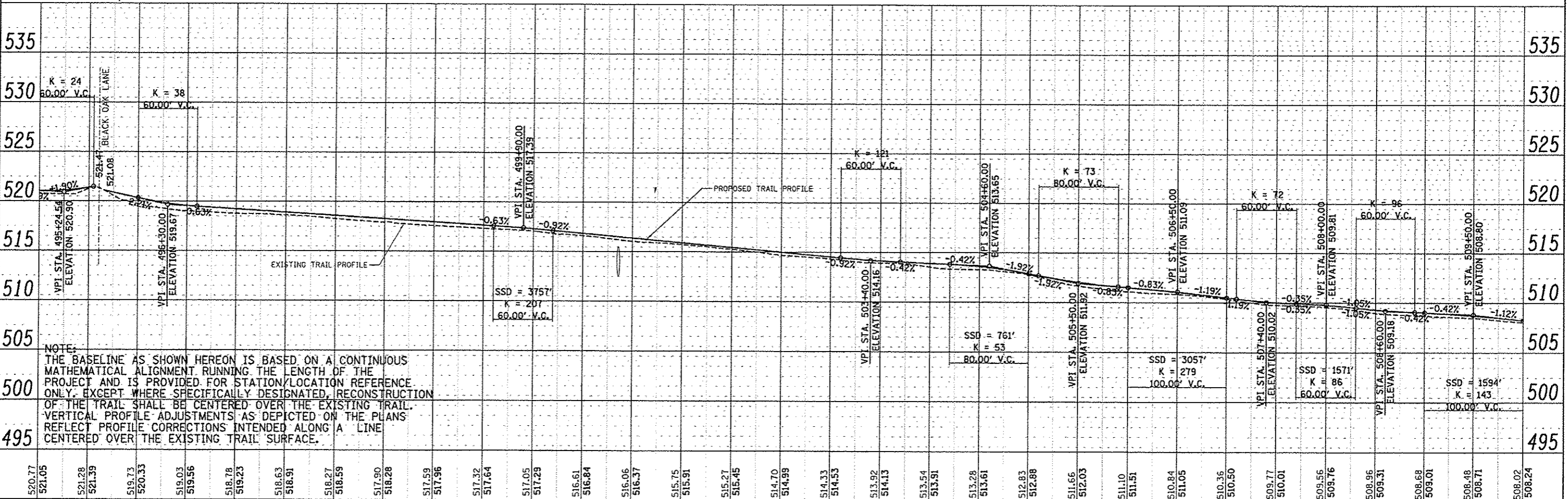
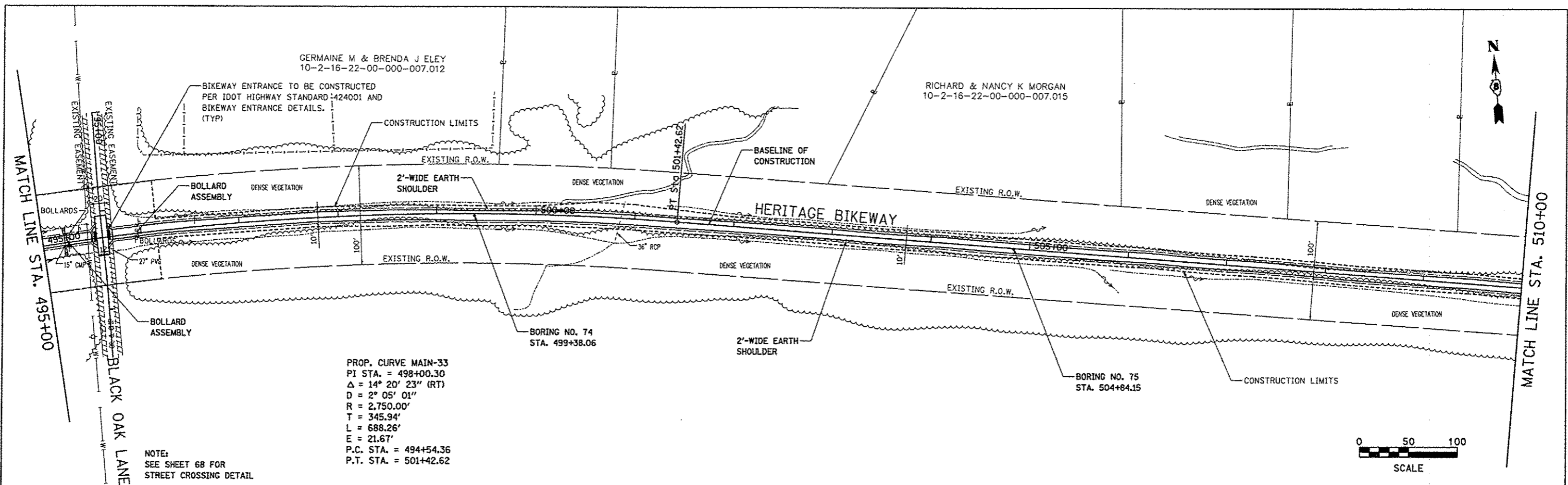
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465+00	466+00	467+00	468+00	469+00	470+00	471+00	472+00	473+00	474+00	475+00	476+00	477+00	478+00	479+00	480+00																																														
USER NAME = Jeremy												DESIGNED - SAS												DRAWN - JDH												CHECKED - WJB												DATE - 11/30/12													
PLOT SCALE = #SCALE#												SCALE: 1" = 50'												SHEET NO. 26 OF 30 SHEETS												STA. 465+00.00 TO STA. 480+00.00																									
PLOT DATE = 12/16/2012												MADISON COUNTY TRANSIT DISTRICT												HERITAGE BIKEWAY												PLAN AND PROFILE																									
FILE NAME: a10z26.dwg												SECTION												COUNTY												TOTAL SHEETS												SHEET NO.													
												06-00016-00-8T												MADISON												310												57													
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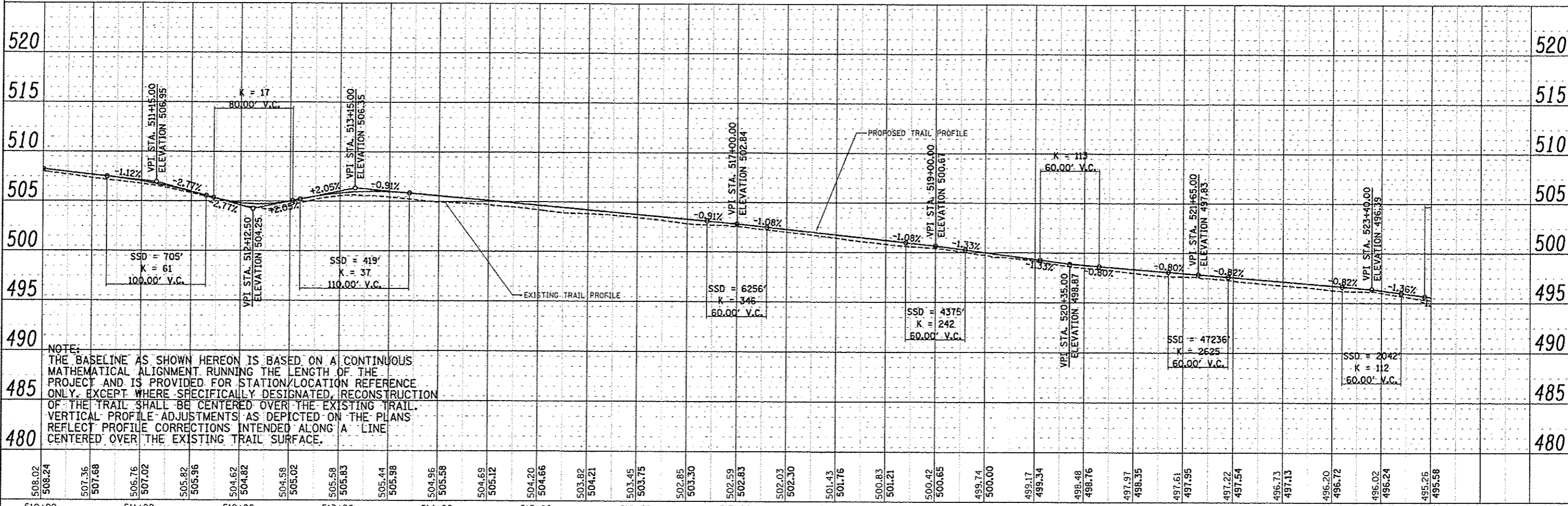
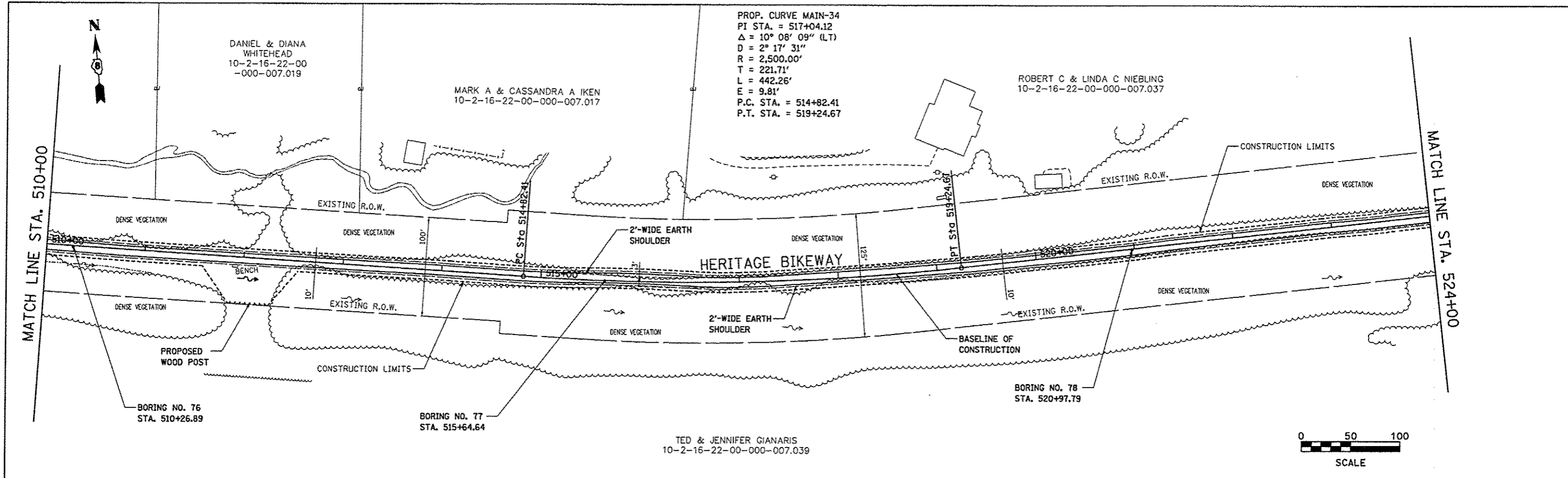
PROFILE	DATE
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FILE NAME = plan28.dgn	USER NAME = jeremy	DESIGNED - SAS	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE TRAIL</b>	<b>PLAN AND PROFILE</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH				06-00016-00-BT	MADISON	310	59	
		CHECKED - WJB				CONTRACT NO. 97433				
		DATE - 11/30/12				ILLINOIS FED. AID PROJECT				

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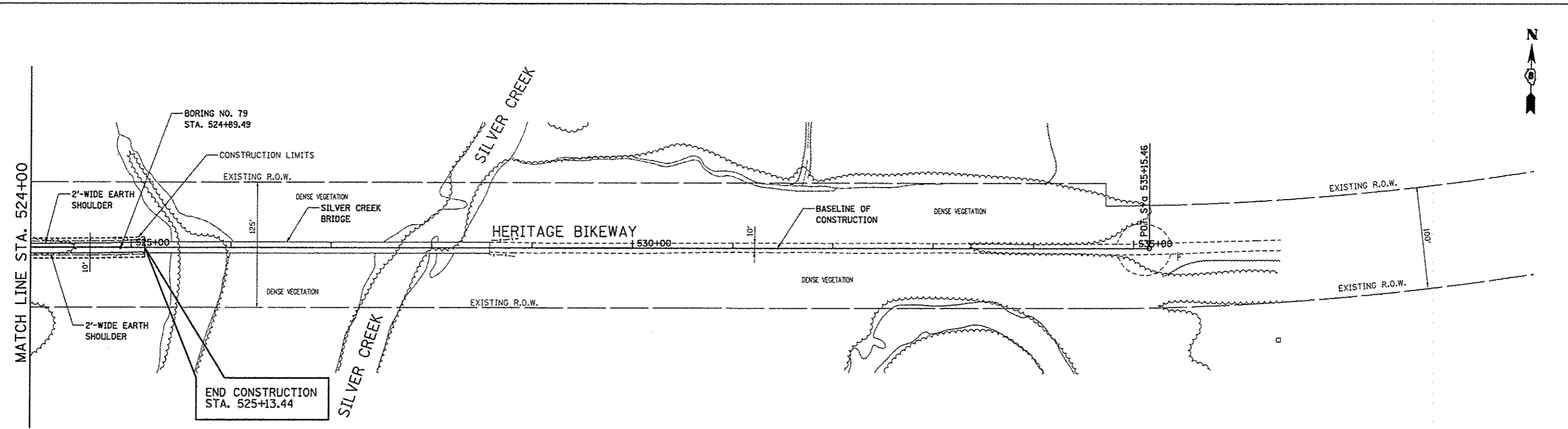


NOTE:  
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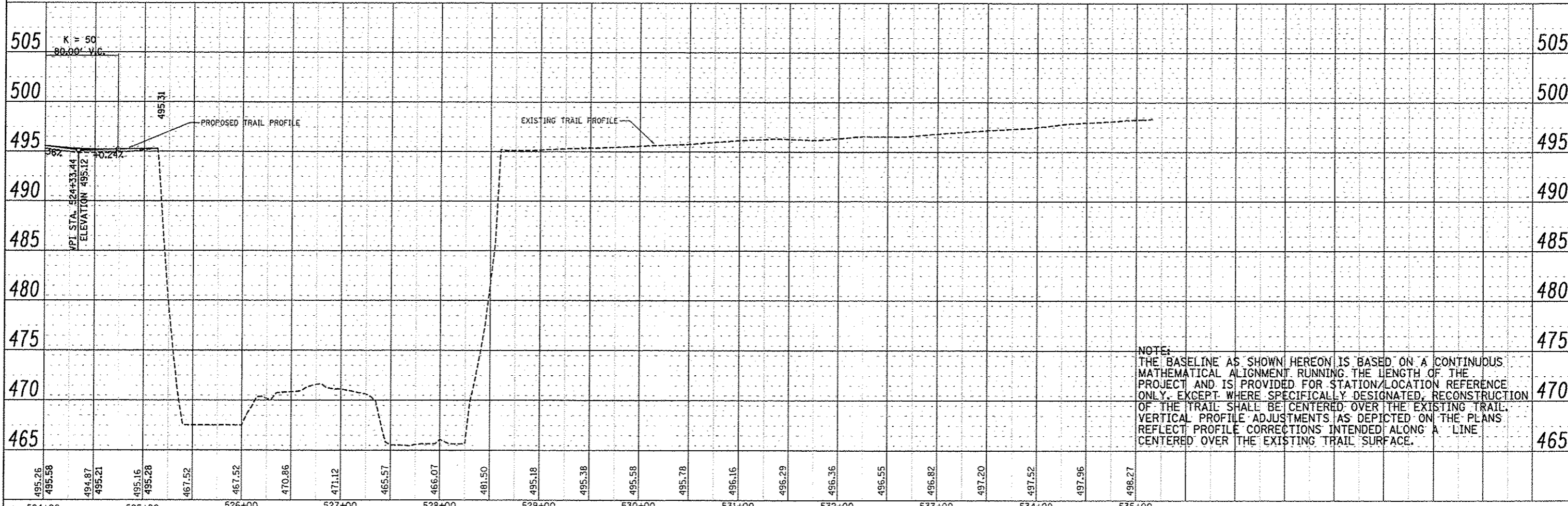
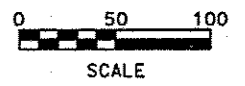
FILE NAME = plan2.dgn	USER NAME = jeramy	DESIGNED - SAS	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>PLAN AND PROFILE</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH		SCALE: 1" = 50'	SHEET NO. 29 OF 30 SHEETS	STA. 510+00.00 TO STA. 524+00.00	06-00016-00-BT	MADISON	310	60
		CHECKED - WJB					CONTRACT NO. 97433			
		DATE = 11/30/12					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			

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NOTE: DUE TO WEIGHT RESTRICTIONS, ACCESS TO THE PROJECT WILL BE LIMITED TO THE WEST SIDE OF SILVER CREEK BRIDGE.



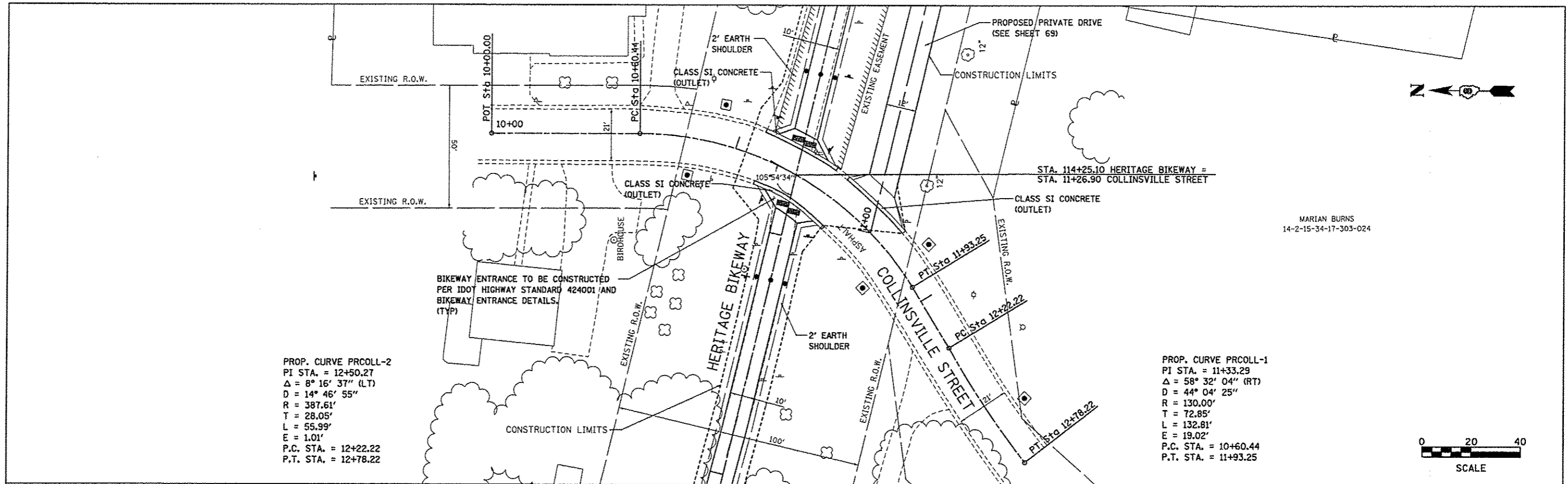
NOTE: THE BASELINE AS SHOWN HEREON IS BASED ON A CONTINUOUS MATHEMATICAL ALIGNMENT RUNNING THE LENGTH OF THE PROJECT AND IS PROVIDED FOR STATION/LOCATION REFERENCE ONLY. EXCEPT WHERE SPECIFICALLY DESIGNATED, RECONSTRUCTION OF THE TRAIL SHALL BE CENTERED OVER THE EXISTING TRAIL. VERTICAL PROFILE ADJUSTMENTS AS DEPICTED ON THE PLANS REFLECT PROFILE CORRECTIONS INTENDED ALONG A LINE CENTERED OVER THE EXISTING TRAIL SURFACE.

524+00	525+00	526+00	527+00	528+00	529+00	530+00	531+00	532+00	533+00	534+00	535+00														
495.26	495.58	494.87	495.21	495.16	495.28	467.52	467.52	470.86	471.12	465.57	466.07	481.50	495.18	495.38	495.58	495.78	496.16	496.29	496.36	496.55	496.82	497.20	497.52	497.96	498.27
FILE NAME	USER NAME	DESIGNED	DRAWN	CHECKED	DATE	MADISON COUNTY TRANSIT DISTRICT						PLAN AND PROFILE						F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
plan38.dgn	Jeromy	SAS	JDH	WJB	11/30/12	HERITAGE BIKEWAY													06-00016-00-BT	MADISON	310	61			
PLOT SCALE * #SCALE#						SCALE: 1" = 50'						SHEET NO. 30 OF 30 SHEETS						STA. 524+00.00 TO STA. 535+00.00							
PLOT DATE * 12/18/2012						CONTRACT NO. 97433						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT													



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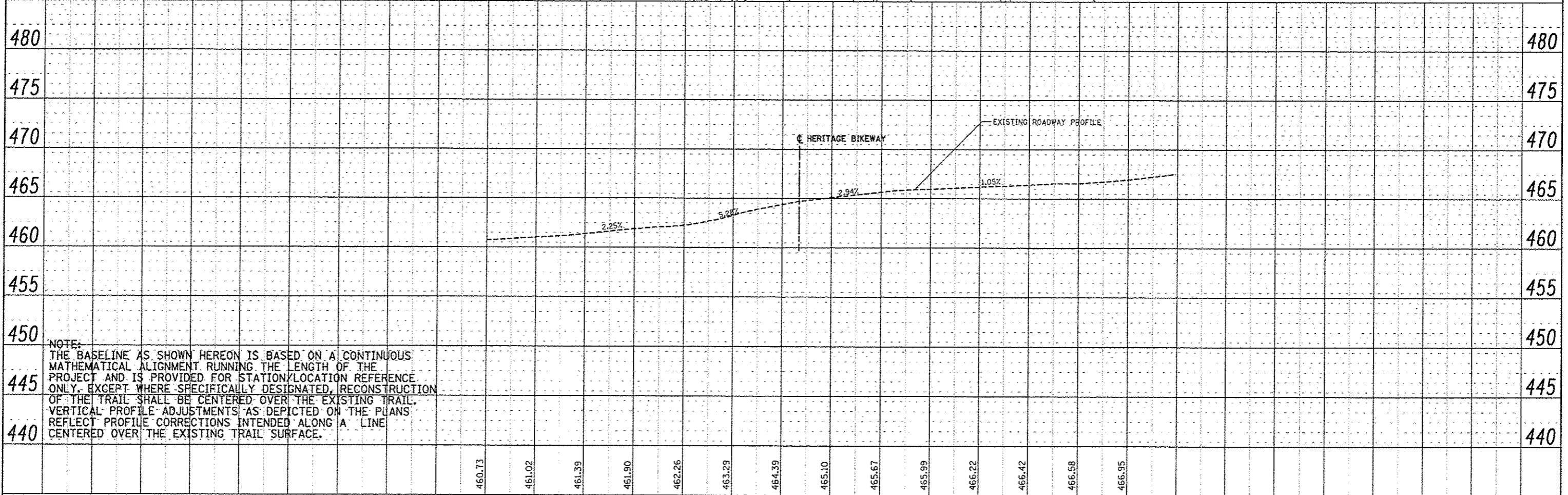
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PROP. CURVE PRCOLL-2  
 PI STA. = 12+50.27  
 $\Delta = 8^\circ 16' 37''$  (LT)  
 D = 14° 46' 55"  
 R = 387.61'  
 T = 28.05'  
 L = 55.99'  
 E = 1.01'  
 P.C. STA. = 12+22.22  
 P.T. STA. = 12+78.22

PROP. CURVE PRCOLL-1  
 PI STA. = 11+33.29  
 $\Delta = 58^\circ 32' 04''$  (RT)  
 D = 44° 04' 25"  
 R = 130.00'  
 T = 72.85'  
 L = 132.81'  
 E = 19.02'  
 P.C. STA. = 10+60.44  
 P.T. STA. = 11+93.25

MARIAN BURNS  
 14-2-15-34-17-303-024



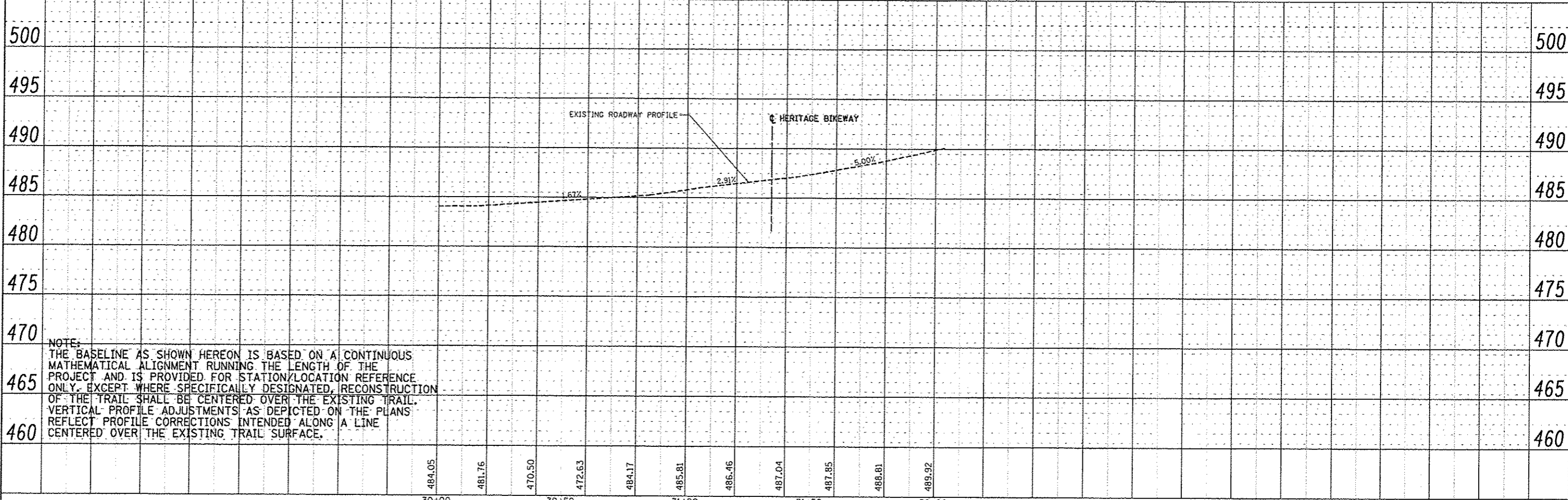
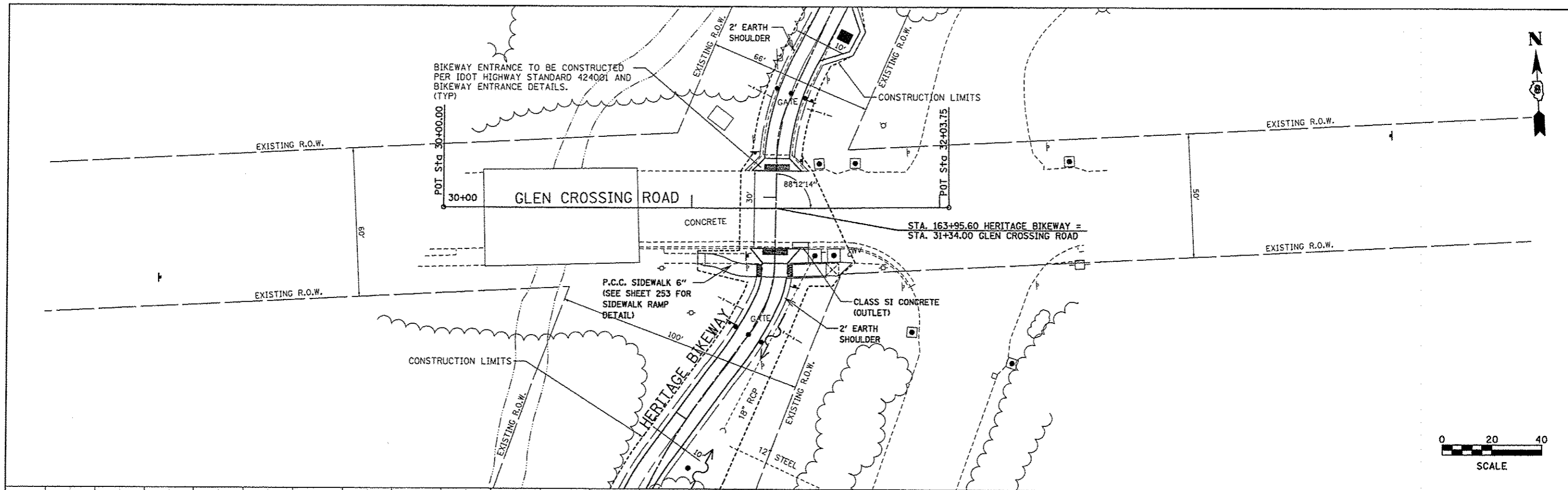
NOTE:  
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FILE NAME = Crossroad.pln.dgn	USER NAME = Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>COLLINSVILLE STREET PLAN AND PROFILE</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - JDH	REVISED -		SCALE: 1"=20'	SHEET NO. 1 OF 8 SHEETS	STA. 10+00.00 TO STA. 12+78.22	06-00016-00-BT	MADISON	310	62	
		CHECKED - WJB	REVISED -					CONTRACT NO. 97433				
		DATE - 11/30/12	REVISED -		ILLINOIS FED. AID PROJECT							



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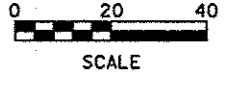
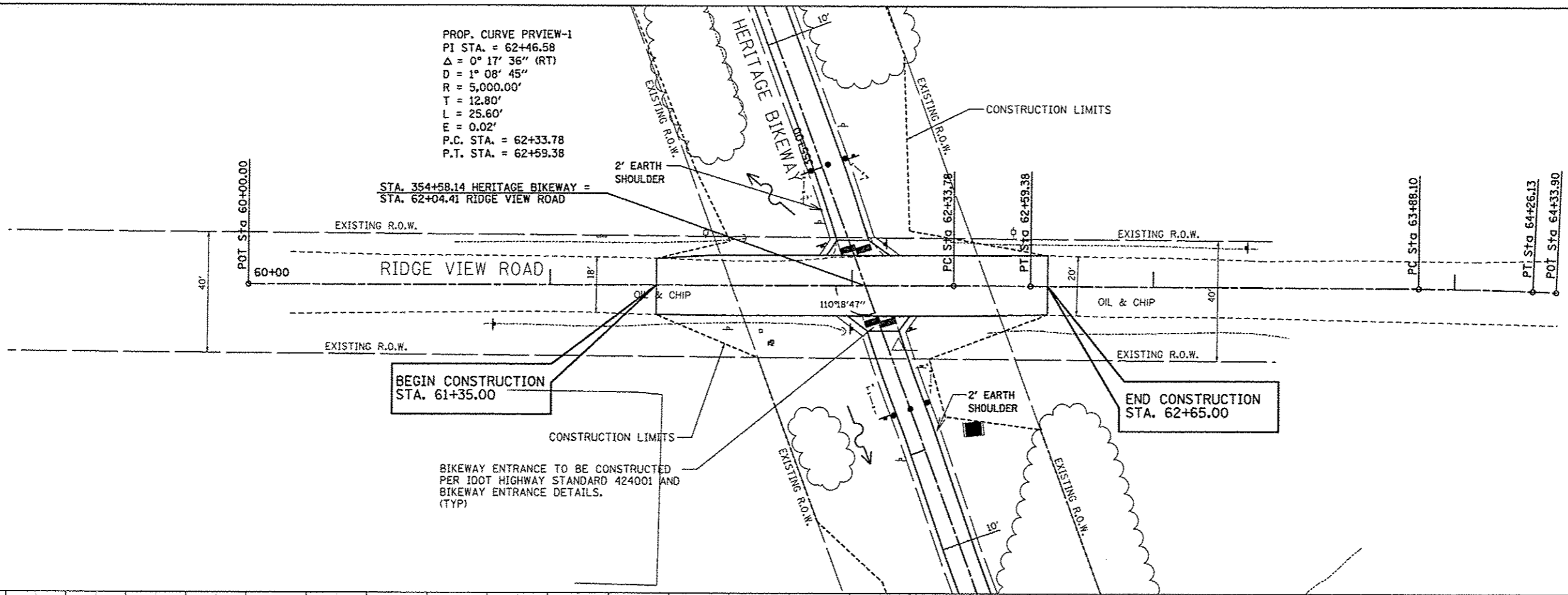


FILE NAME * Crossroad.pln3.dgn	USER NAME * jeramy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>GLEN CROSSING ROAD PLAN AND PROFILE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * SCALE*	DRAWN - JDH	REVISED -			06-00016-00-BT	MADISON	310	63	
	PLOT DATE * 12/18/2012	CHECKED - WJB	REVISED -			CONTRACT NO. 97433				
		DATE - 11/30/12	REVISED -			SCALE: 1"=20'				
					SHEET NO. 2 OF 8 SHEETS		STA. 30+00.00 TO STA. 32+03.75		ILLINOIS FED. AID PROJECT	

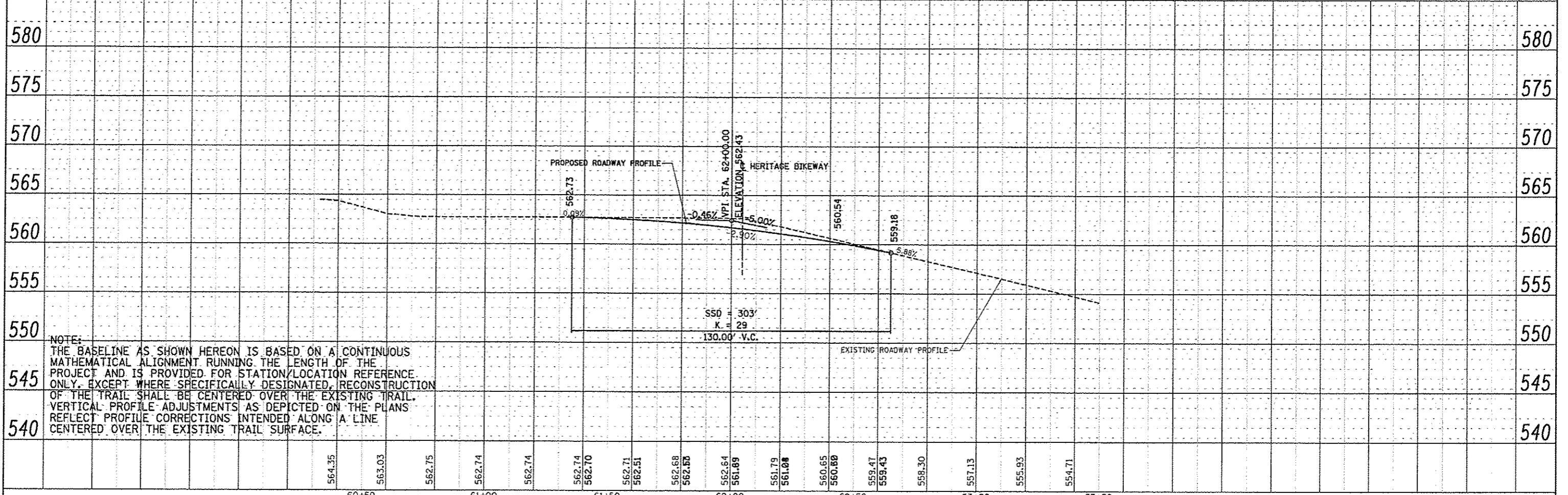


PROP. CURVE PRVIEW-1  
 PI STA. = 62+46.58  
 $\Delta = 0^\circ 17' 36''$  (RT)  
 $D = 1^\circ 08' 45''$   
 $R = 5,000.00'$   
 $T = 12.80'$   
 $L = 25.60'$   
 $E = 0.02'$   
 P.C. STA. = 62+33.78  
 P.T. STA. = 62+59.38

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PROFILE	DATE
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FILE NAME * Crossroad_plan6.dgn	USER NAME * jeramy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>RIDGE VIEW ROAD PLAN AND PROFILE</b>			F.A. RTE.	SECTION 06-00016-00-8T	COUNTY MADISON	TOTAL SHEETS 310	SHEET NO. 64
	PLOT SCALE * SCALE*	CHECKED - WJB	REVISED -		SCALE: 1"=20'	SHEET NO. 3 OF 8 SHEETS	STA. 60+0000 TO STA. 64+33.90	CONTRACT NO. 97433				
	PLOT DATE * 12/18/2012	DATE - 11/30/12	REVISED -		ILLINOIS FED. AID PROJECT							

PROP. CURVE PRMICK-1  
 PI STA. = 70+94.70  
 $\Delta = 0^\circ 39' 07''$  (LT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 1.42'$   
 $L = 2.84'$   
 $E = 0.00'$   
 P.C. STA. = 70+93.27  
 P.T. STA. = 70+96.12

PROP. CURVE PRMICK-2  
 PI STA. = 72+08.26  
 $\Delta = 1^\circ 11' 30''$  (LT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 2.60'$   
 $L = 5.20'$   
 $E = 0.01'$   
 P.C. STA. = 72+05.66  
 P.T. STA. = 72+10.86

PROP. CURVE PRMICK-3  
 PI STA. = 72+73.70  
 $\Delta = 2^\circ 59' 41''$  (RT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 6.54'$   
 $L = 13.07'$   
 $E = 0.09'$   
 P.C. STA. = 72+67.17  
 P.T. STA. = 72+80.24

BEGIN CONSTRUCTION  
 STA. 73+07.50

STA. 364+03.56 HERITAGE BIKEWAY =  
 STA. 73+57.89 MICK ROAD

END CONSTRUCTION  
 STA. 74+17.50

PROP. CURVE PRMICK-4  
 PI STA. = 73+24.52  
 $\Delta = 6^\circ 57' 46''$  (RT)  
 $D = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 12.17'$   
 $L = 24.30'$   
 $E = 0.37'$   
 P.C. STA. = 73+12.35  
 P.T. STA. = 73+36.66

PROP. CURVE PRMICK-5  
 PI STA. = 73+50.62  
 $\Delta = 2^\circ 29' 54''$  (LT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 5.45'$   
 $L = 10.90'$   
 $E = 0.06'$   
 P.C. STA. = 73+45.17  
 P.T. STA. = 73+56.07

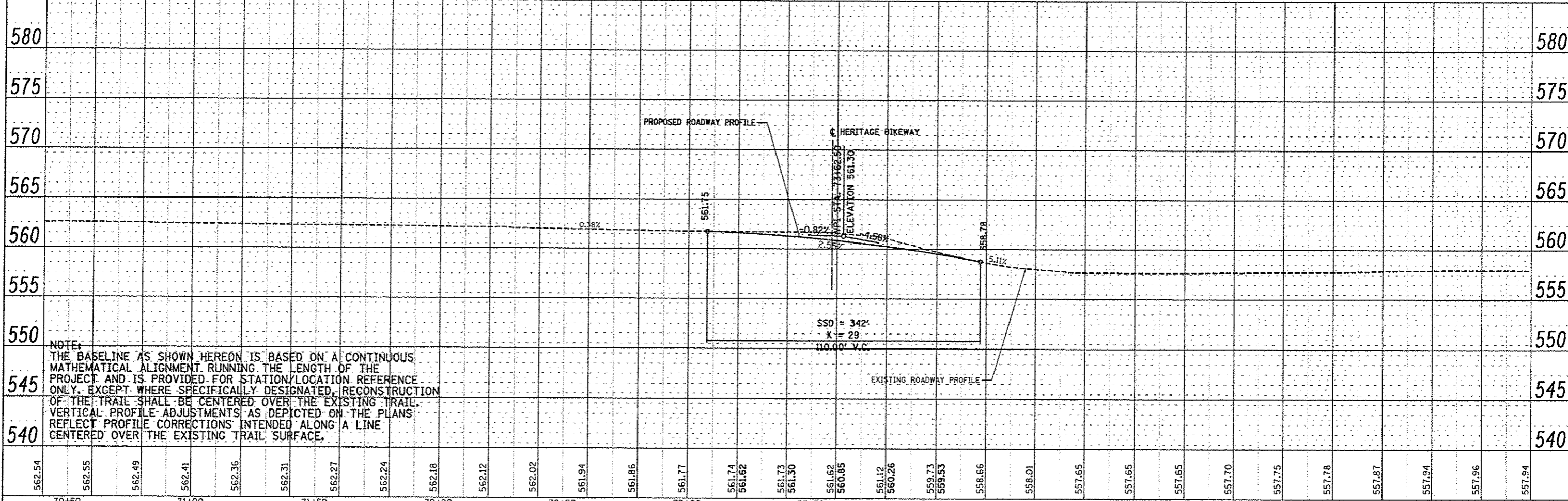
PROP. CURVE PRMICK-6  
 PI STA. = 74+38.23  
 $\Delta = 7^\circ 40' 26''$  (LT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 16.77'$   
 $L = 33.48'$   
 $E = 0.56'$   
 P.C. STA. = 74+21.47  
 P.T. STA. = 74+54.95

PROP. CURVE PRMICK-7  
 PI STA. = 76+15.31  
 $\Delta = 1^\circ 08' 55''$  (RT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 2.51'$   
 $L = 5.01'$   
 $E = 0.01'$   
 P.C. STA. = 76+12.81  
 P.T. STA. = 76+17.82



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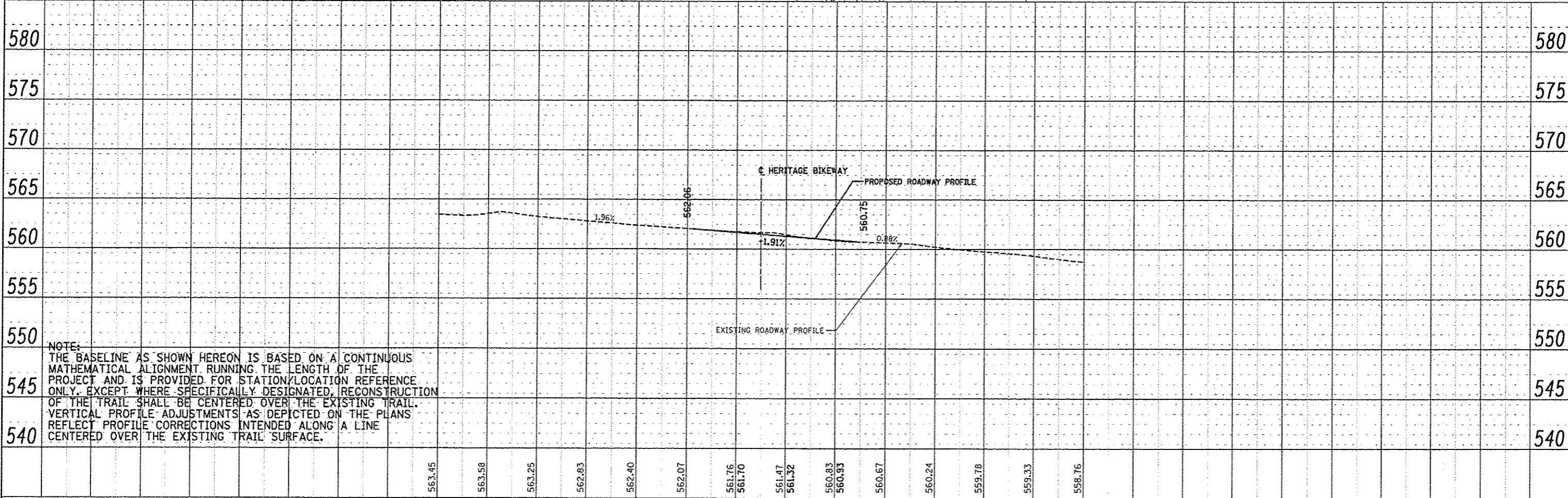
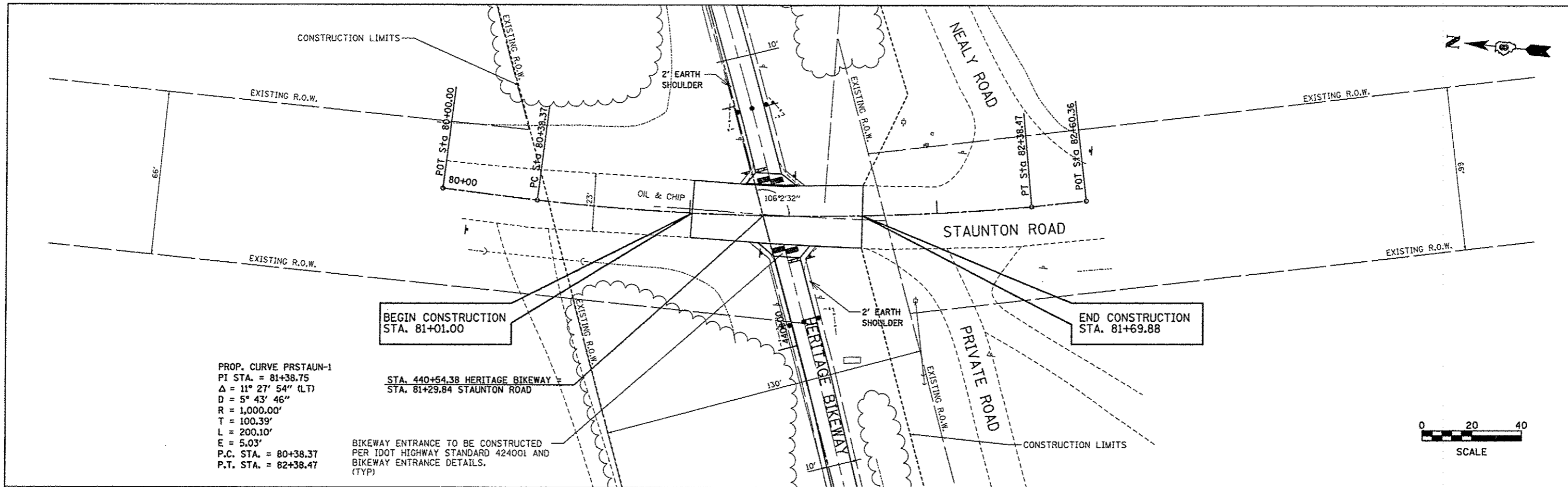


NOTE:  
 THE BASELINE AS SHOWN HEREON IS BASED ON A CONTINUOUS MATHEMATICAL ALIGNMENT RUNNING THE LENGTH OF THE PROJECT AND IS PROVIDED FOR STATION/LOCATION REFERENCE ONLY. EXCEPT WHERE SPECIFICALLY DESIGNATED, RECONSTRUCTION OF THE TRAIL SHALL BE CENTERED OVER THE EXISTING TRAIL. VERTICAL PROFILE ADJUSTMENTS AS DEPICTED ON THE PLANS REFLECT PROFILE CORRECTIONS INTENDED ALONG A LINE CENTERED OVER THE EXISTING TRAIL SURFACE.

FILE NAME * Crossroad_plan7.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>MICK ROAD PLAN AND PROFILE</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH	REVISED -		SCALE: 1"=20'	SHEET NO. 4 OF 8 SHEETS	STA. 70+93.27 TO STA. 76+17.82	06-00016-00-BT	MADISON	310	65
		CHECKED - WJB	REVISED -							CONTRACT NO. 97433	
		DATE - 11/30/12	REVISED -							ILLINOIS FED. AID PROJECT	

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CHECKED	
DESIGNED	
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GRADES CHECKED	
BY	
DATE	
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PROFILE	DATE
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GRADES CHECKED	
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DATE	
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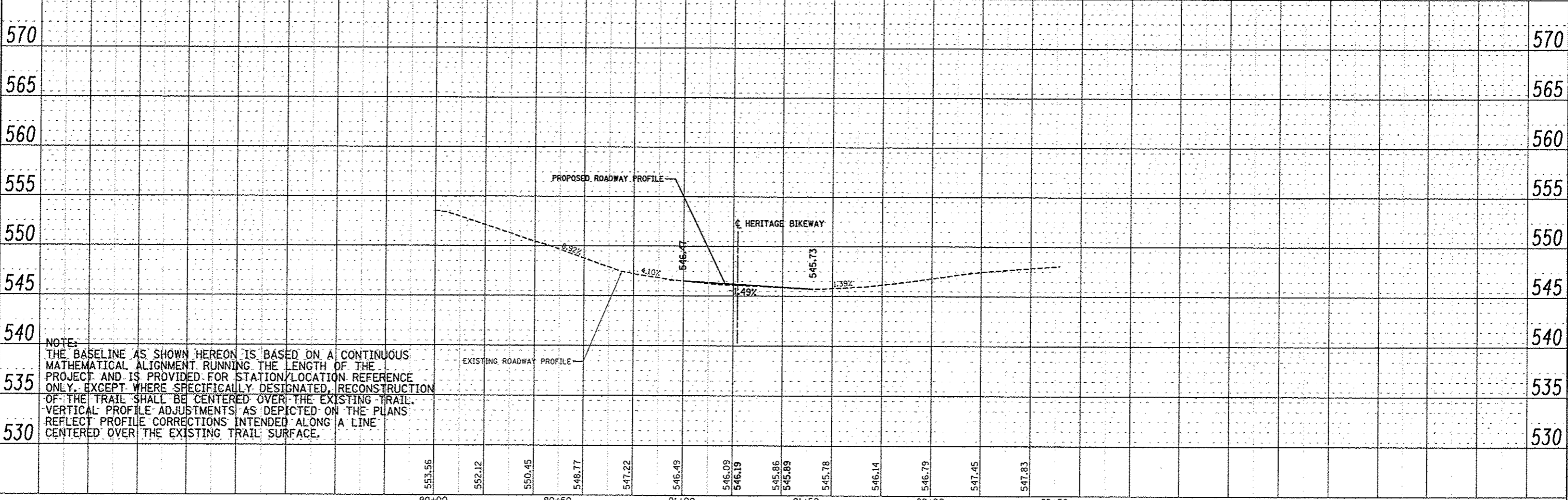
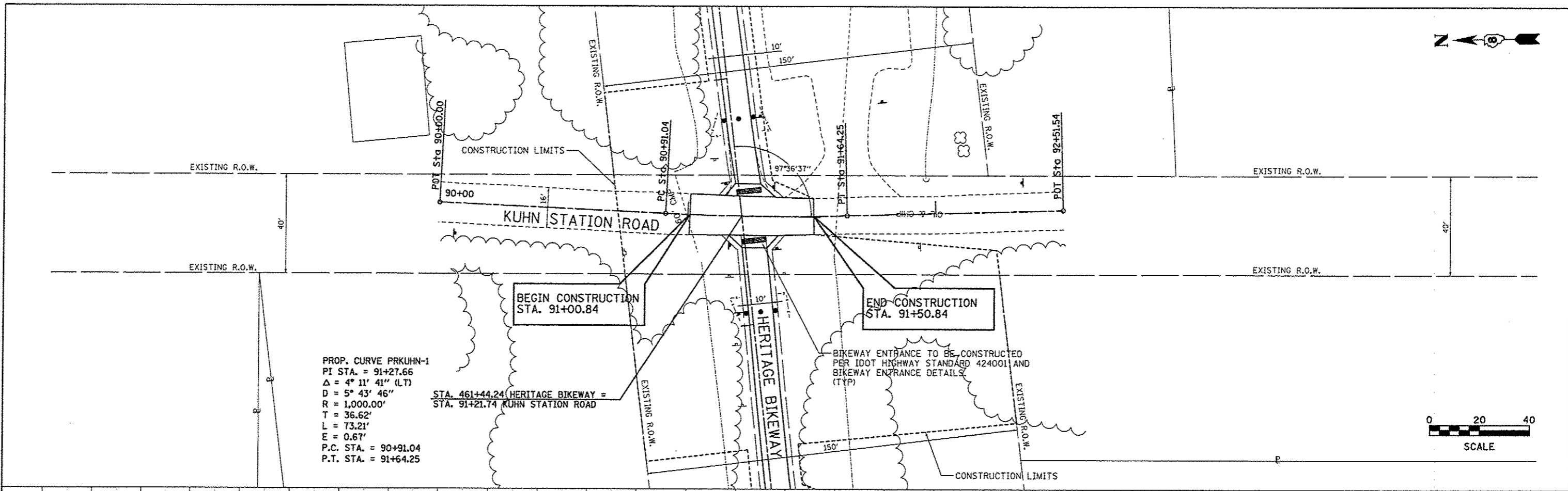


FILE NAME * Crossroad.pln8.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>STAUNTON ROAD PLAN AND PROFILE</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JQH	REVISED -		SCALE: 1"=20'	SHEET NO. 5 OF 8 SHEETS	STA. 80+00.00 TO STA. 82+60.36	06-00016-00-BT	MADISON	310	66
		CHECKED - WJB	REVISED -								
		DATE - 11/30/12	REVISED -								
CONTRACT NO. 97433											



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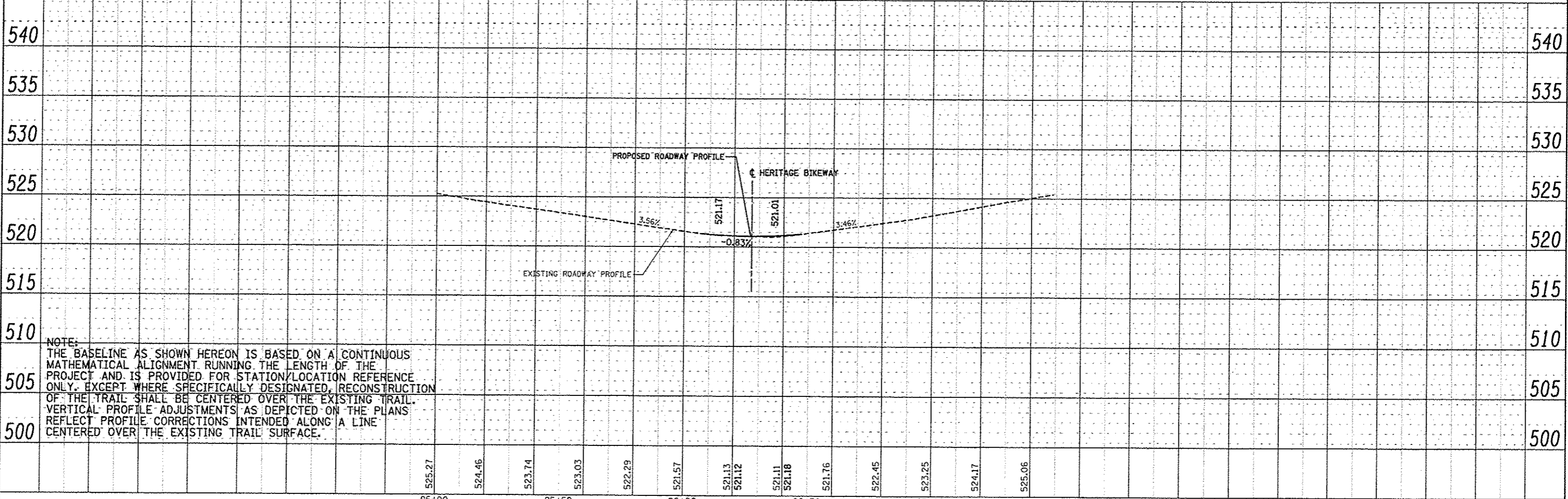
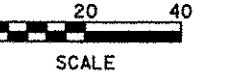
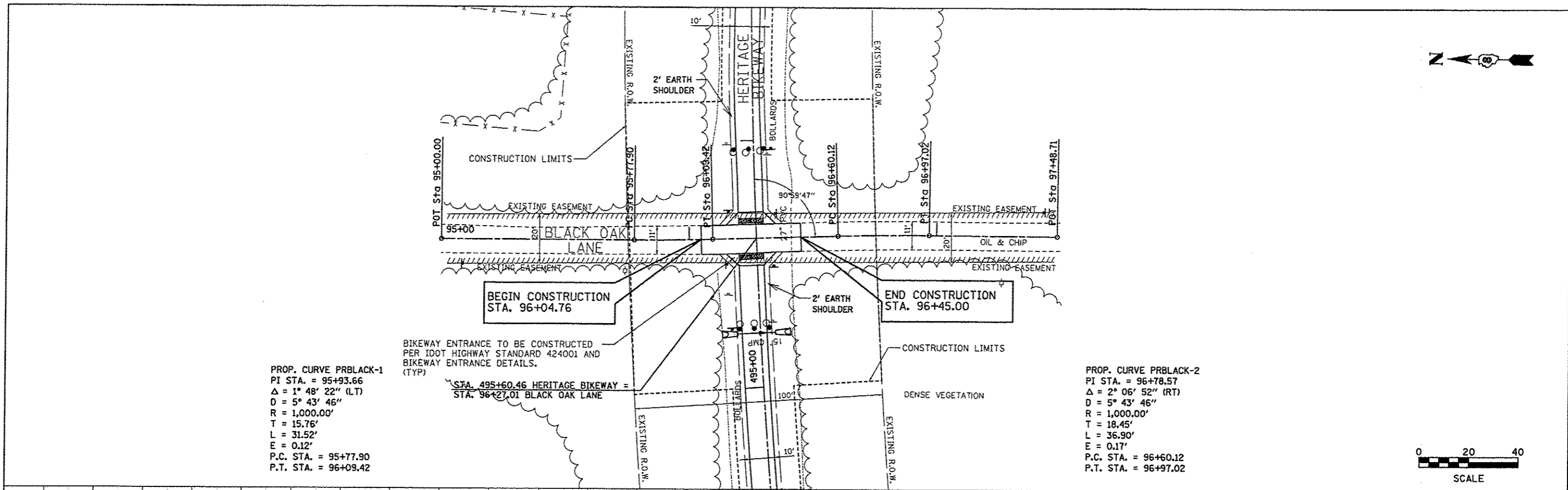
NOTE:  
 THE BASELINE AS SHOWN HEREON IS BASED ON A CONTINUOUS MATHEMATICAL ALIGNMENT RUNNING THE LENGTH OF THE PROJECT AND IS PROVIDED FOR STATION/LOCATION REFERENCE ONLY. EXCEPT WHERE SPECIFICALLY DESIGNATED, RECONSTRUCTION OF THE TRAIL SHALL BE CENTERED OVER THE EXISTING TRAIL. VERTICAL PROFILE ADJUSTMENTS AS DEPICTED ON THE PLANS REFLECT PROFILE CORRECTIONS INTENDED ALONG A LINE CENTERED OVER THE EXISTING TRAIL SURFACE.

FILE NAME * Crossroad.pln9.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>KUHN STATION ROAD PLAN AND PROFILE</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH	REVISED -		SCALE: 1"=20'	SHEET NO. 6 OF 8 SHEETS	STA. 90+00.00 TO STA. 92+51.54	06-00016-00-BT	MADISON	310	67	
		CHECKED - WJB	REVISED -					CONTRACT NO. 97433				
		DATE - 11/30/12	REVISED -					ILLINOIS FED. AID PROJECT				



PLAN	DATE
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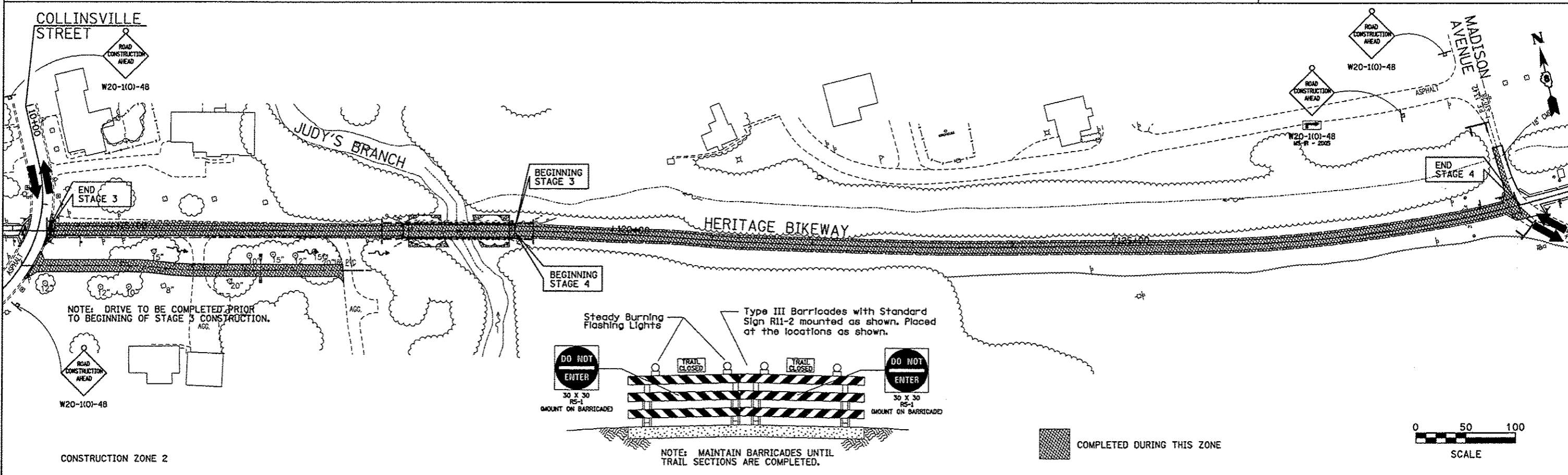
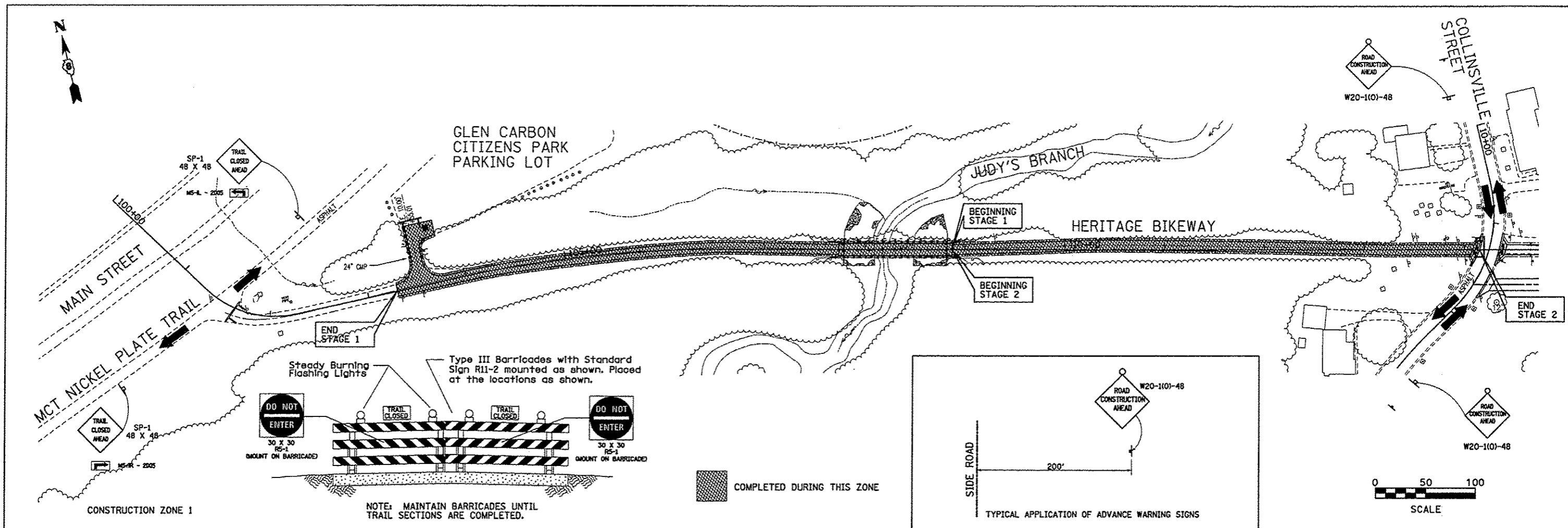
PROFILE	DATE
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REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	



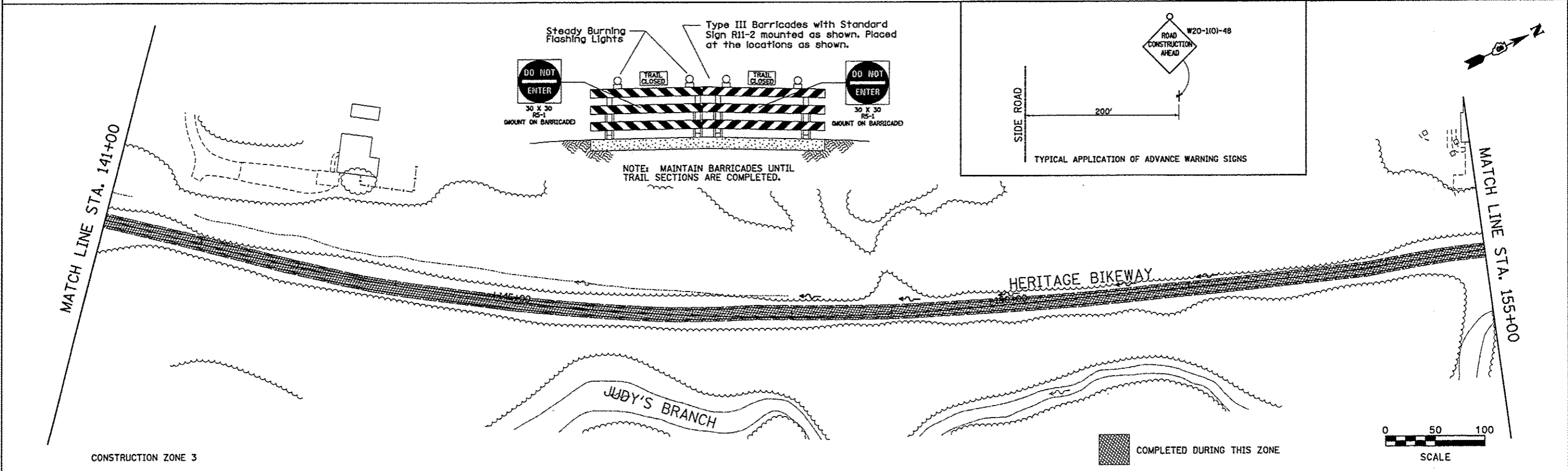
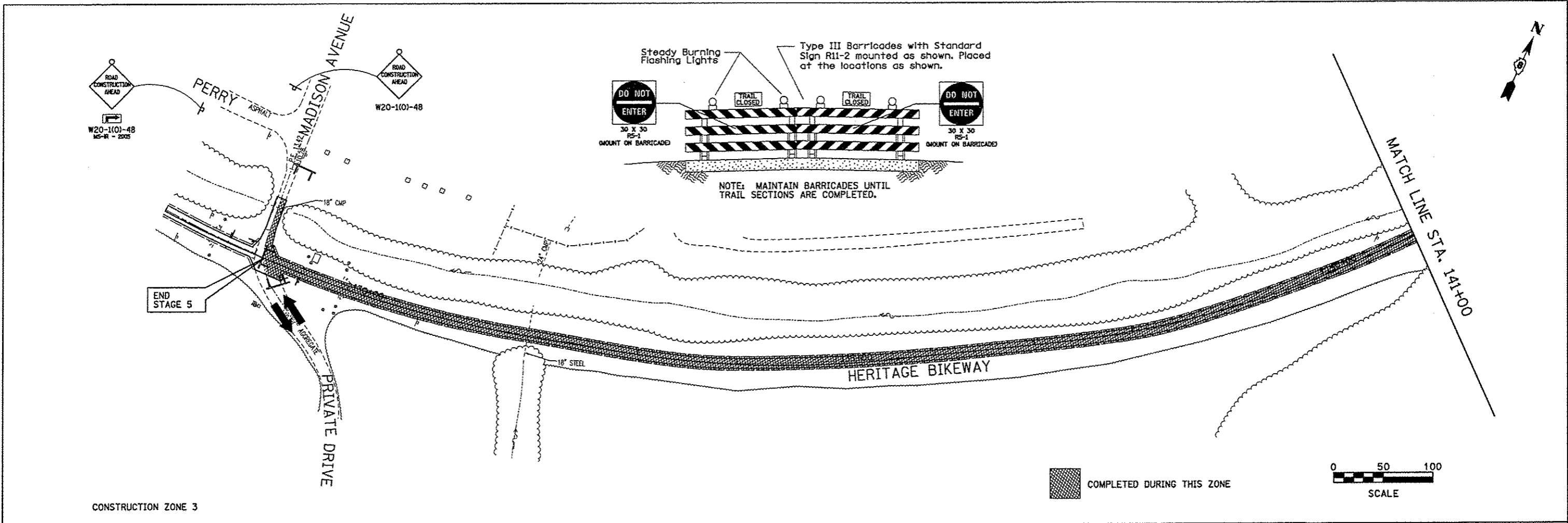
NOTE:  
 THE BASELINE AS SHOWN HEREON IS BASED ON A CONTINUOUS MATHEMATICAL ALIGNMENT RUNNING THE LENGTH OF THE PROJECT AND IS PROVIDED FOR STATION/LOCATION REFERENCE ONLY. EXCEPT WHERE SPECIFICALLY DESIGNATED, RECONSTRUCTION OF THE TRAIL SHALL BE CENTERED OVER THE EXISTING TRAIL. VERTICAL PROFILE ADJUSTMENTS AS DEPICTED ON THE PLANS REFLECT PROFILE CORRECTIONS INTENDED ALONG A LINE CENTERED OVER THE EXISTING TRAIL SURFACE.

FILE NAME * Crossroad.plan10.dgn	USER NAME * jeramy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>BLACK OAK LANE PLAN AND PROFILE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE * #SCALE#	CHECKED - WJB	REVISED -	06-00016-00-BT			MADISON	310	68		
PLOT DATE = 12/18/2012	DATE - 11/30/12	REVISED -	CONTRACT NO. 97433							
SCALE: 1"=20'						SHEET NO. 7 OF 8 SHEETS		STA. 95+00.00 TO STA. 97+48.71		ILLINOIS FED. AID PROJECT

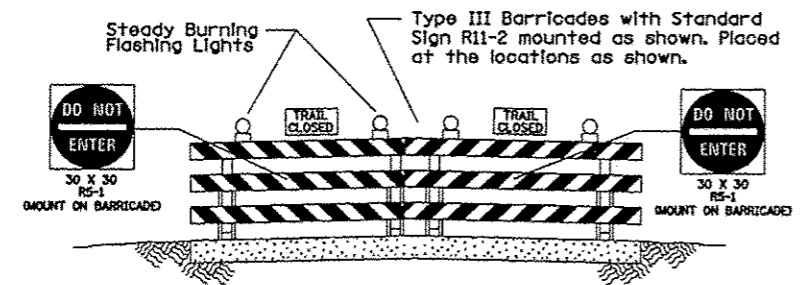
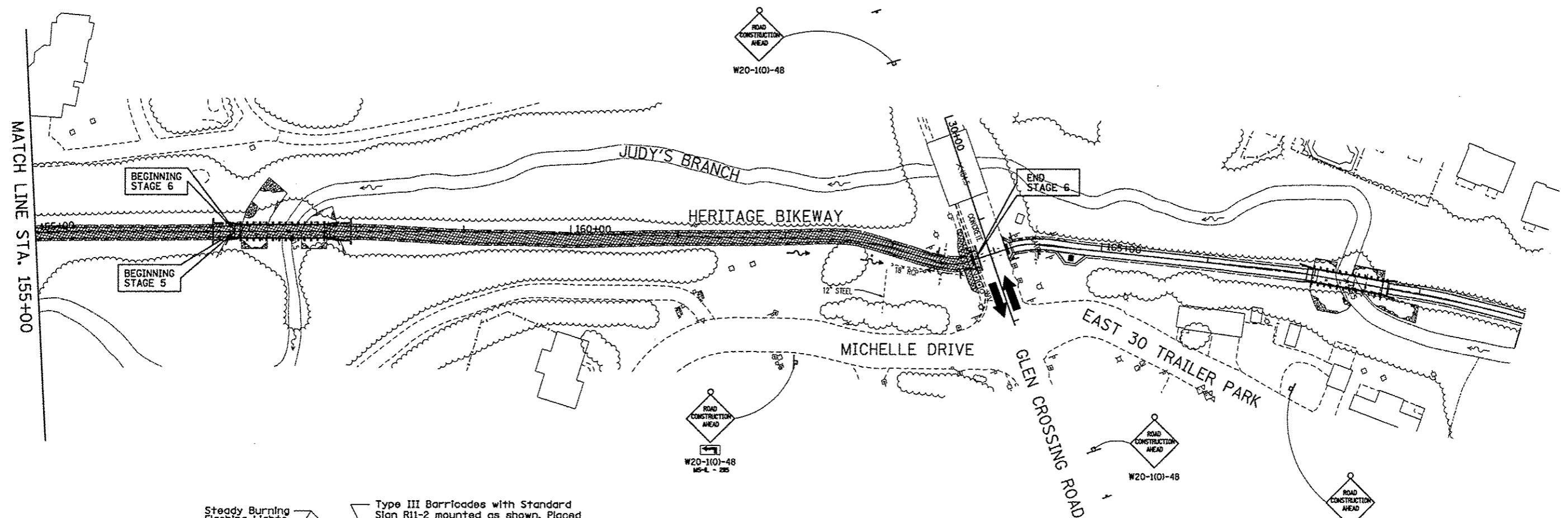
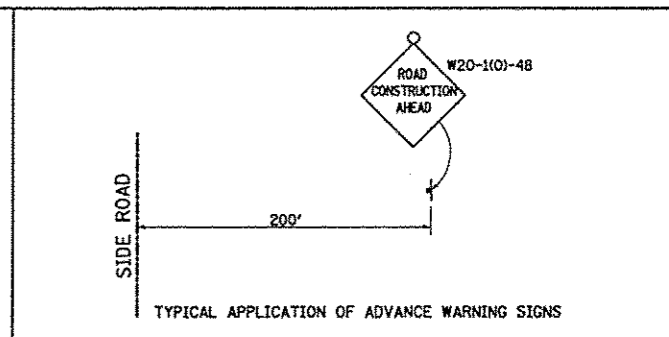




FILE NAME * StgConst_1-2.dgn	USER NAME * jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 1 AND 2</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JQH	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 18 SHEETS	06-00016-00-BT	MADISON	310	70	
		CHECKED - WJB	REVISED -				CONTRACT NO. 97433				
		DATE - 11/30/12	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

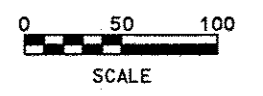


FILE NAME * StgConst_3.dgn	USER NAME * jeramy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 3</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - JQH	REVISED -		SCALE: 1" = 50'	SHEET NO. 2 OF 18 SHEETS	BEGIN STAGE 3 TO STA. 155+00.00	06-00016-00-BT	MADISON	310	71		
		CHECKED - WJB	REVISED -										
		DATE - 11/30/12	REVISED -										
CONTRACT NO. 97433													



NOTE: MAINTAIN BARRICADES UNTIL TRAIL SECTIONS ARE COMPLETED.

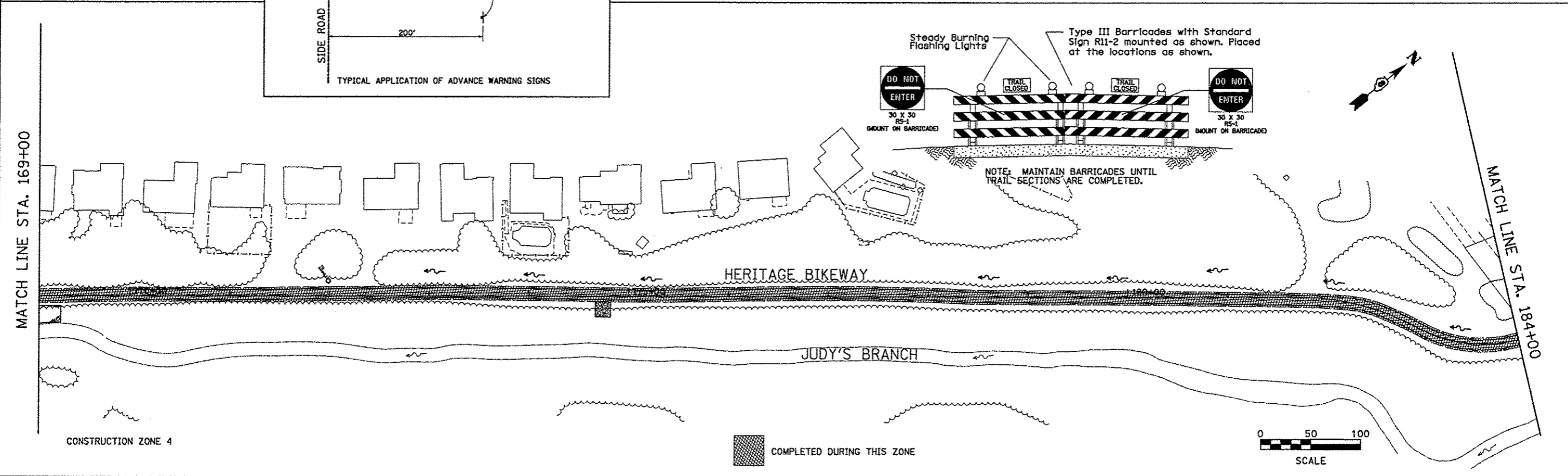
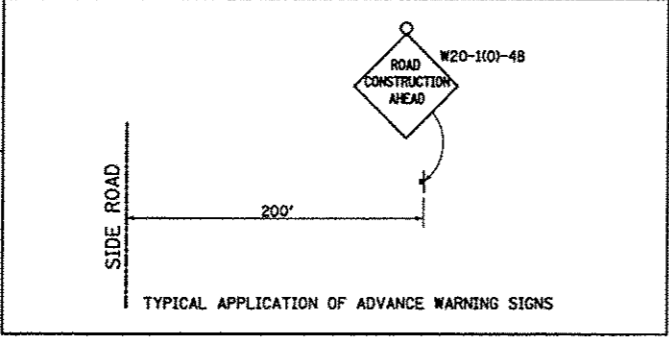
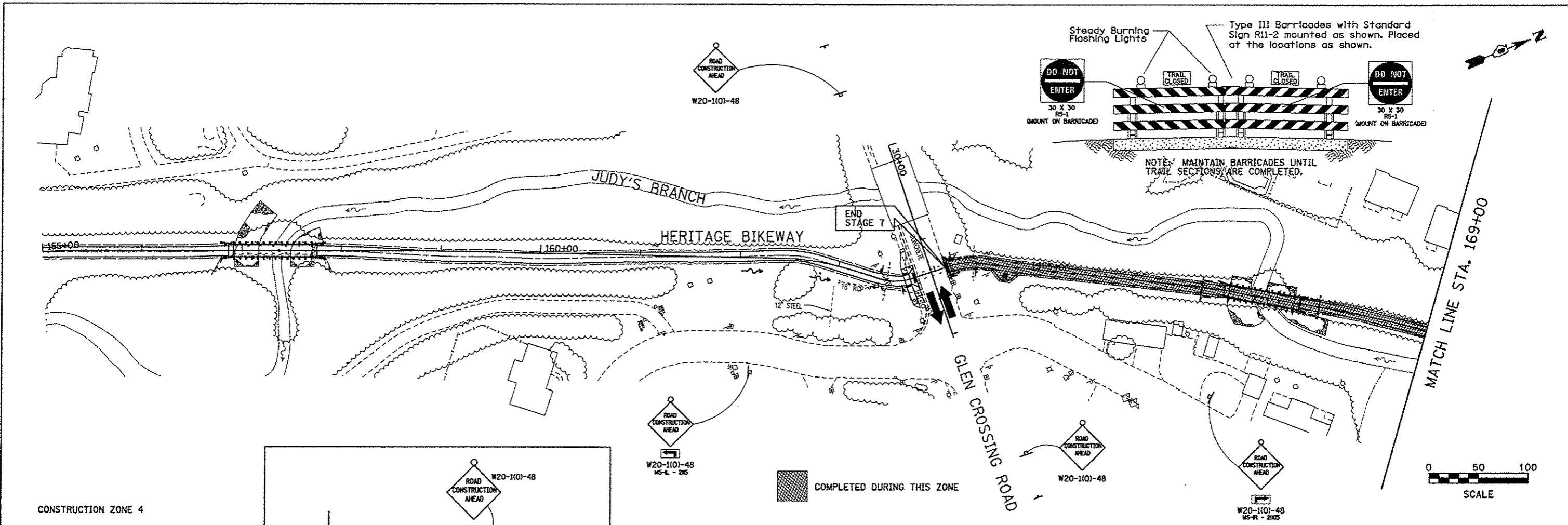
COMPLETED DURING THIS ZONE



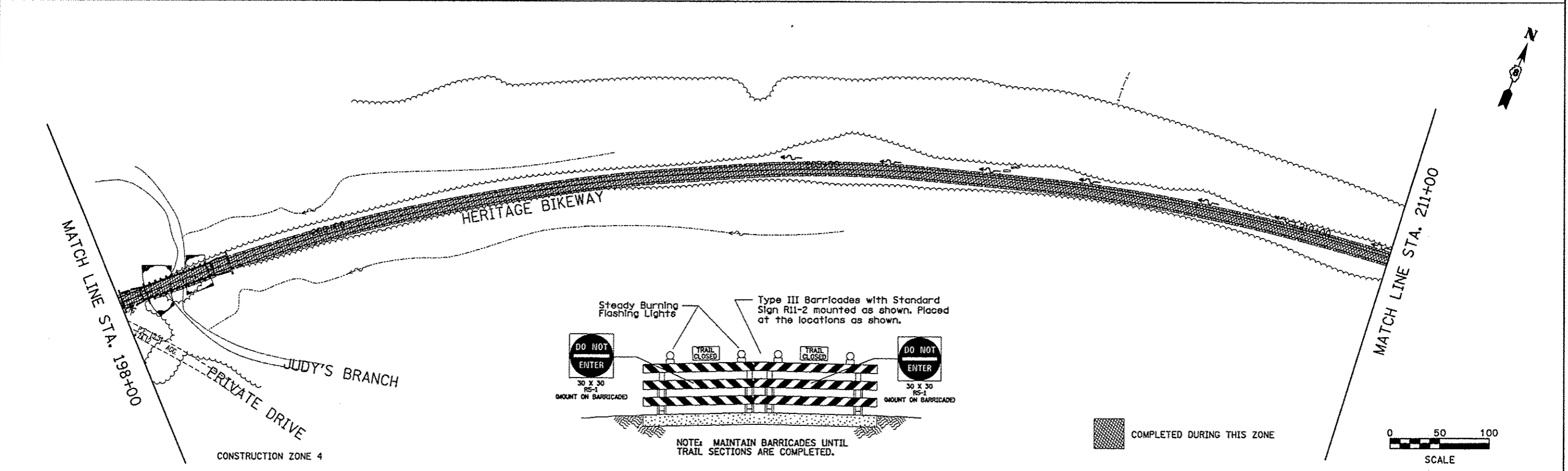
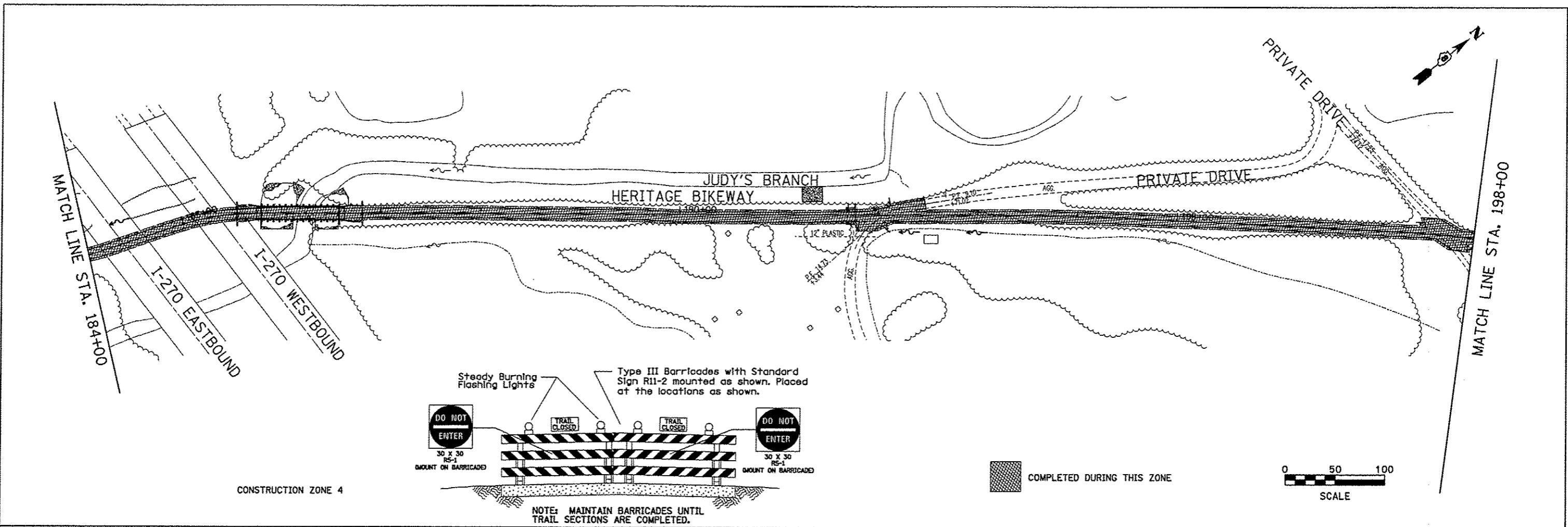
CONSTRUCTION ZONE 3

FILE NAME * StgConet_3a.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 3</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - JQH	REVISED -					06-00016-00-BT	MADISON	310	72	
PLOT DATE * 12/18/2012	CHECKED - WJB	REVISIED -	REVISIED -	SCALE: 1" = 50'	SHEET NO. 3 OF 18 SHEETS	STA. 155+00.00 TO END STAGE 3	CONTRACT NO. 97433					
DATE * 11/30/12	REVISIED -	REVISIED -	REVISIED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

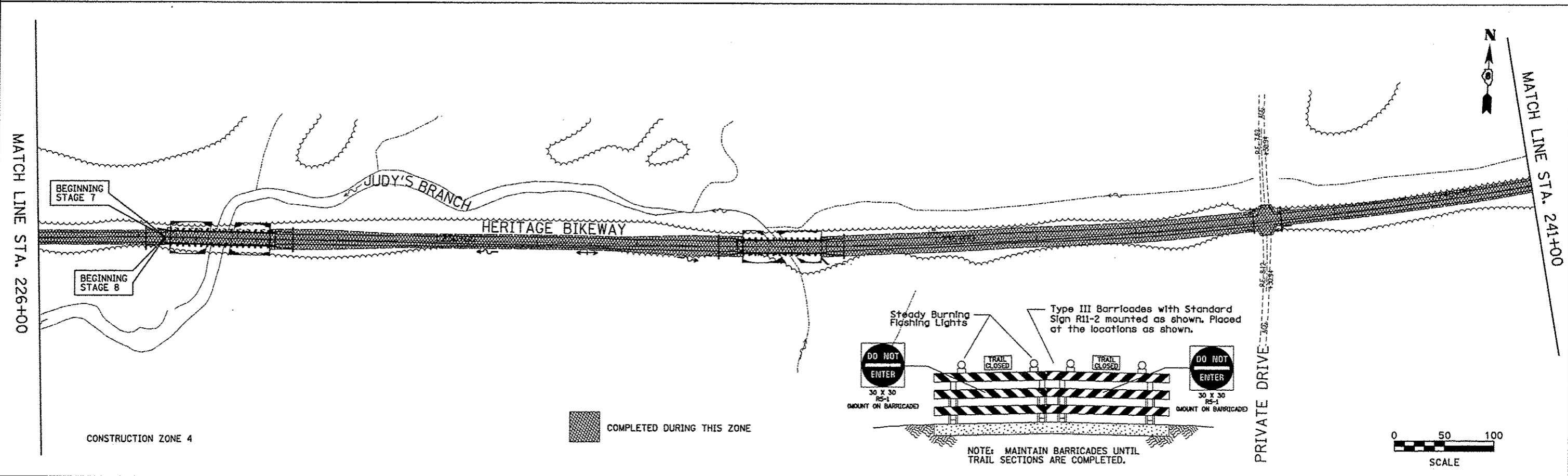
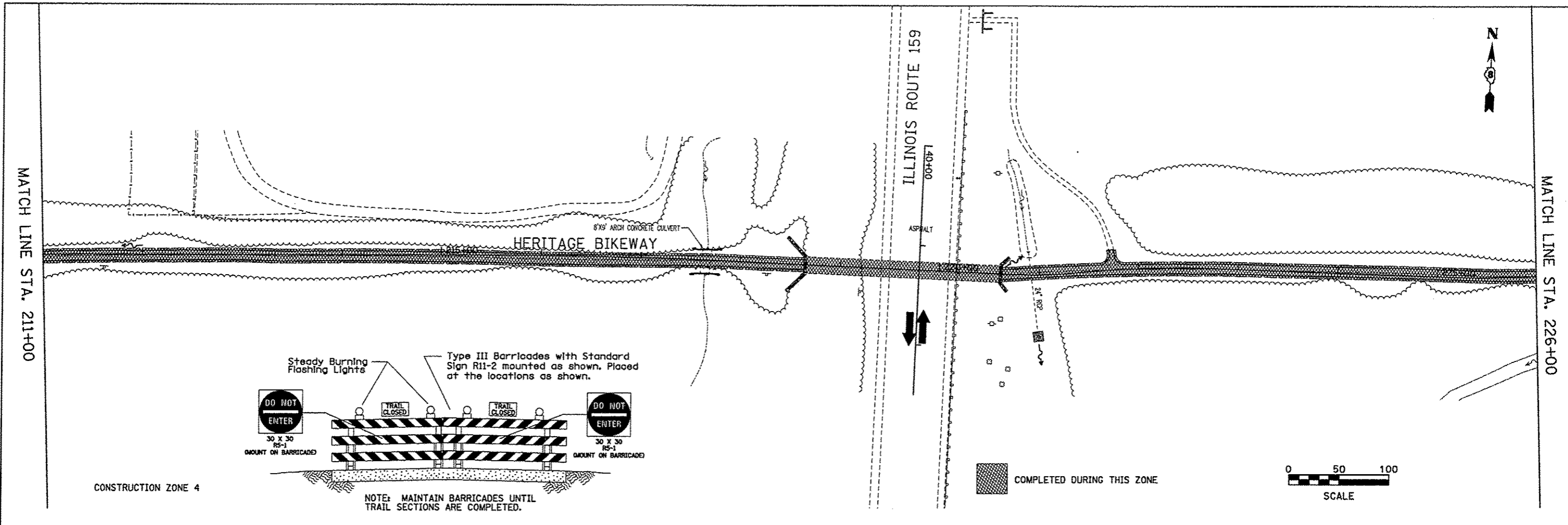




FILE NAME * StgConst_4.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED - -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 4</b>			F.A. RTE. 06-00016-00-BT	COUNTY MADISON	TOTAL SHEETS 310	SHEET NO. 73
PLOT SCALE * #SCALE#	CHECKED - WJB	REVISOR - -	REVISOR - -		SCALE: 1" = 50'	SHEET NO. 4 OF 18 SHEETS	BEGIN STAGE 4 TO STA. 184+00.00	CONTRACT NO. 97433			
PLOT DATE * 12/18/2012	DATE - 11/30/12	REVISOR - -	REVISOR - -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



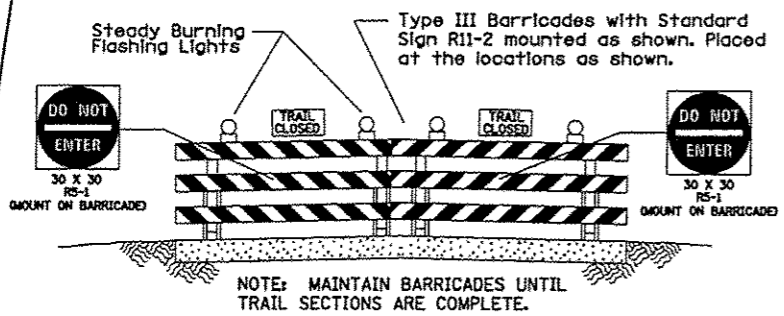
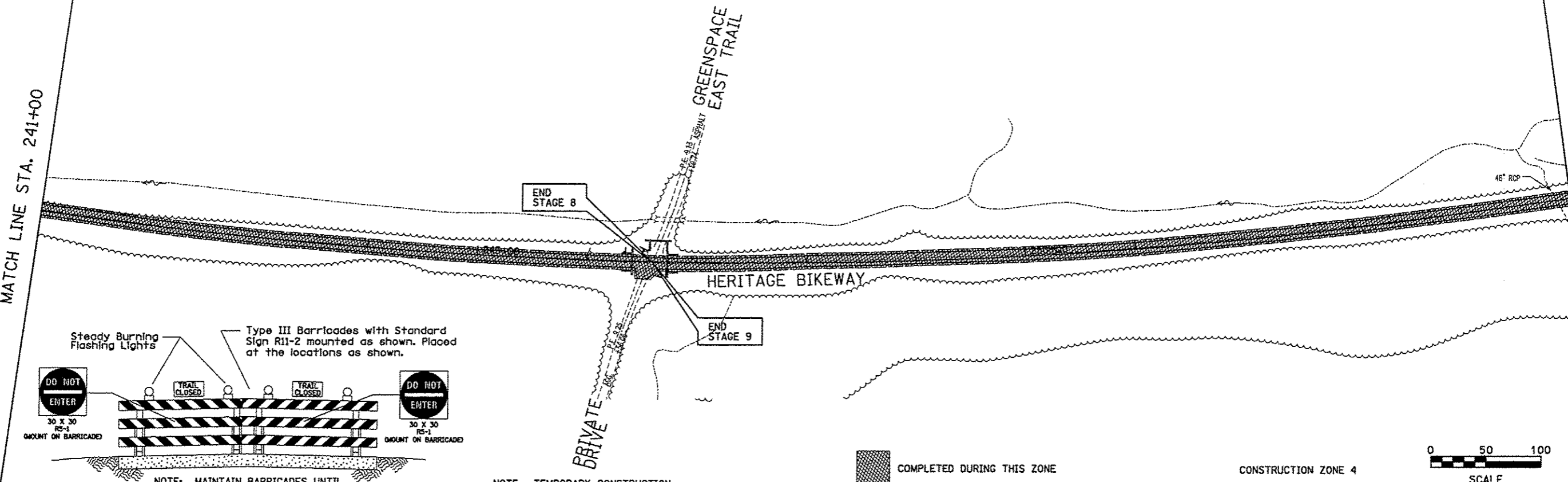
FILE NAME = StgConst_4e.dgn	USER NAME = jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 4</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - JDH	REVISED -		SCALE: 1" = 50'	SHEET NO. 5 OF 18 SHEETS	STA. 184+00.00 TO STA. 211+00.00	06-00016-00-BT	MADISON	310	74	
	PLOT DATE = 12/18/2012	CHECKED - WJB	REVISED -									CONTRACT NO. 97433
		DATE - 11/30/12	REVISED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = StgConstL4b	USER NAME = Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 4</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JQH	REVISED -		SCALE: 1" = 50'	SHEET NO. 6 OF 18 SHEETS	STA. 211+00.00 TO STA. 241+00.00	06-00016-00-BT	MADISON	310	75	
		CHECKED - WJB	REVISED -					CONTRACT NO. 97433				
		DATE - 11/30/12	REVISED -					ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 241+00

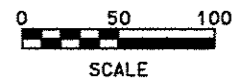
MATCH LINE STA. 255+00



NOTE: TEMPORARY CONSTRUCTION ACCESS GRANTED AT PRIVATE DRIVE.

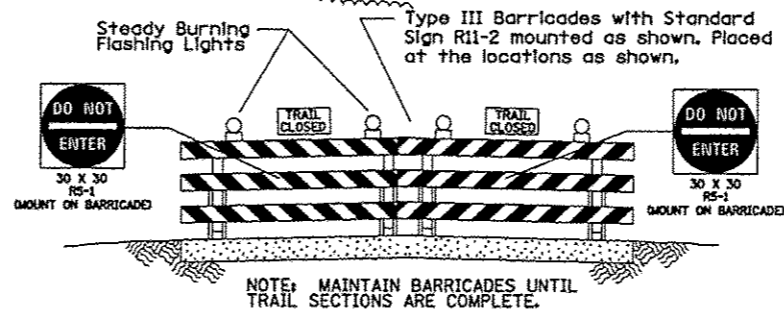
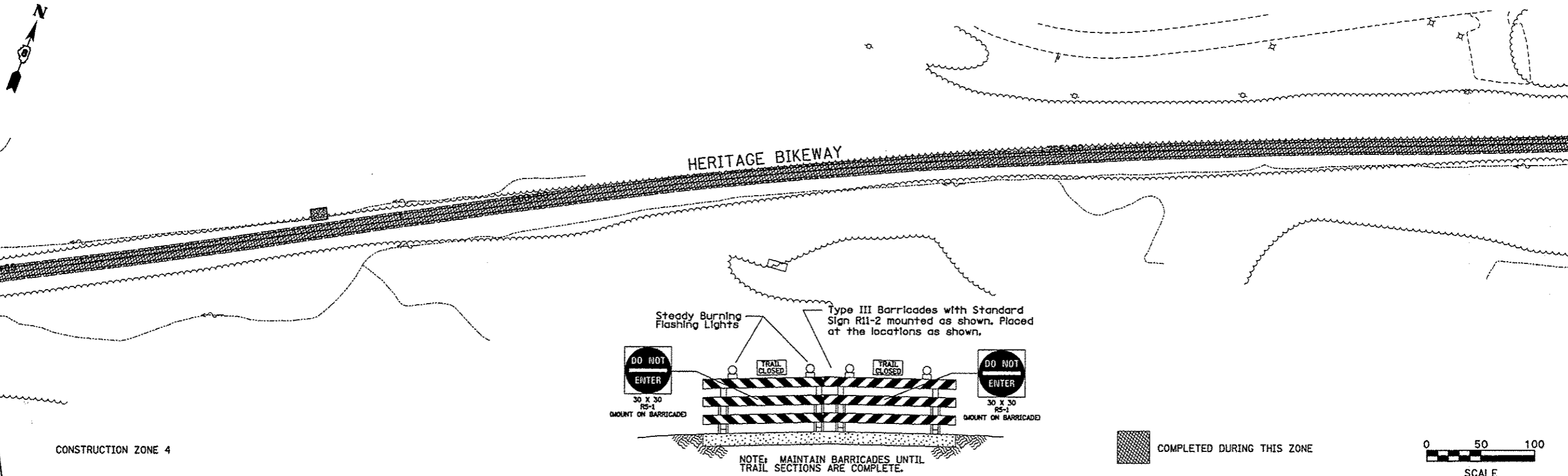
COMPLETED DURING THIS ZONE

CONSTRUCTION ZONE 4



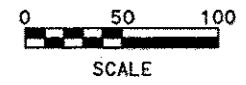
MATCH LINE STA. 255+00

MATCH LINE STA. 270+00

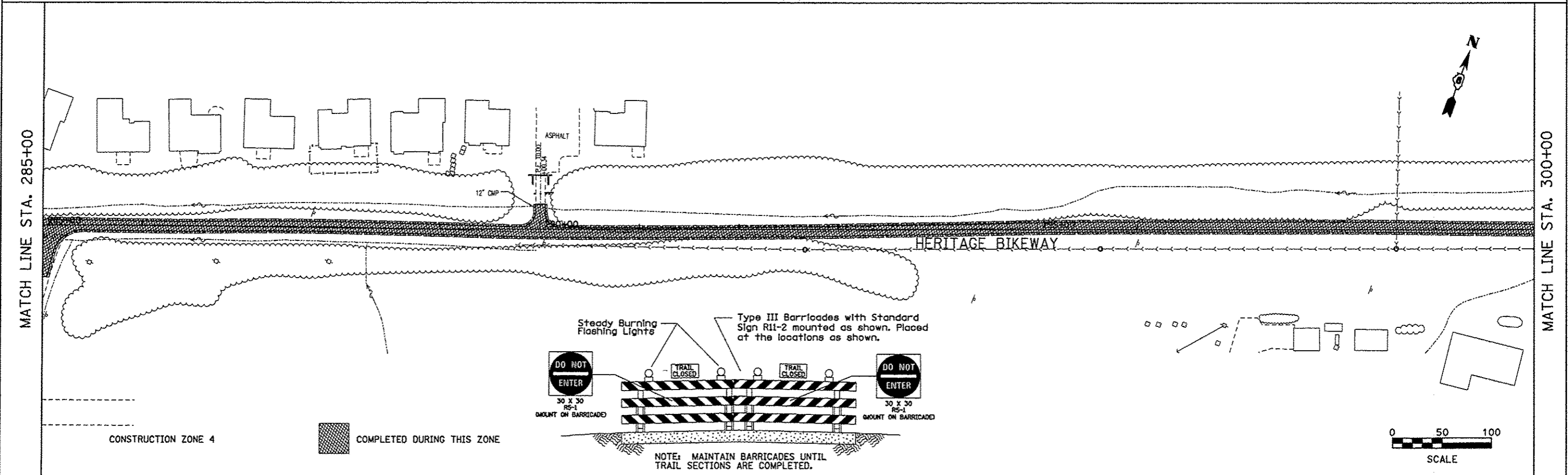
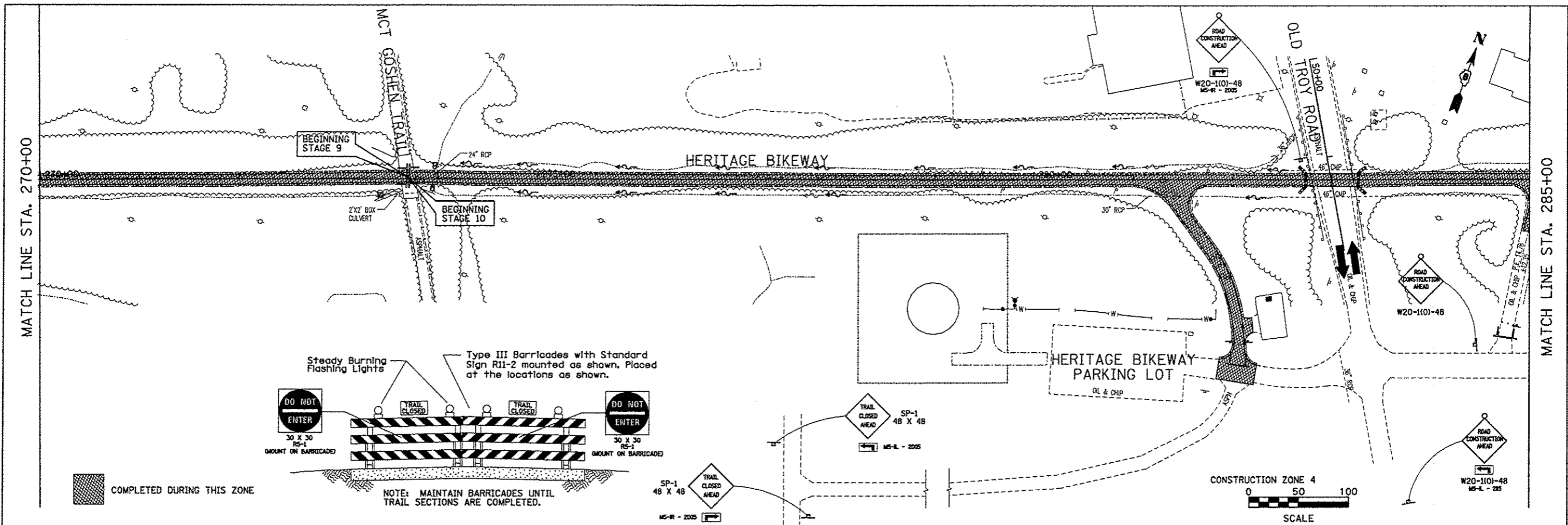


COMPLETED DURING THIS ZONE

CONSTRUCTION ZONE 4



FILE NAME * StgConst_4.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 4</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH	REVISED -		SCALE: 1" = 50'	SHEET NO. 7 OF 18 SHEETS	STA. 241+00.00 TO STA. 270+00.00	06-00016-00-BT	MADISON	310	76	
		CHECKED - WJB	REVISED -									
		DATE - 11/30/12	REVISED -									
								CONTRACT NO. 97433				
								ILLINOIS FED. AID PROJECT				

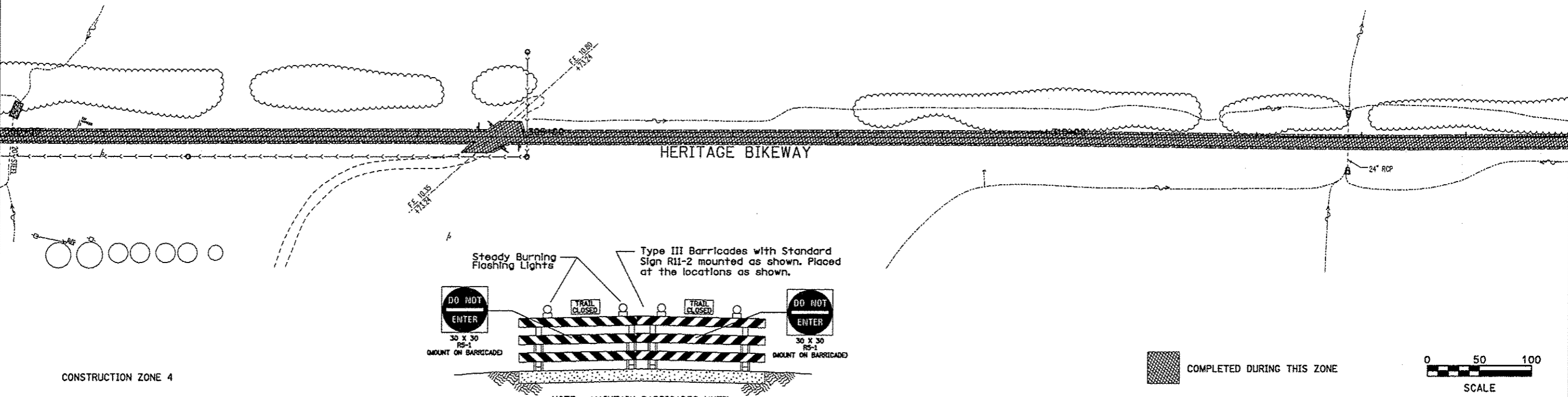


FILE NAME * StgConst_4.dgn	USER NAME * jeramy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 4</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH	REVISED -		SCALE: 1" = 50'	SHEET NO. 8 OF 18 SHEETS	STA. 270+00.00 TO STA. 300+00.00	06-00016-00-BT	MADISON	310	77	
		CHECKED - WJB	REVISED -					CONTRACT NO. 97433				
		DATE - 11/30/12	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



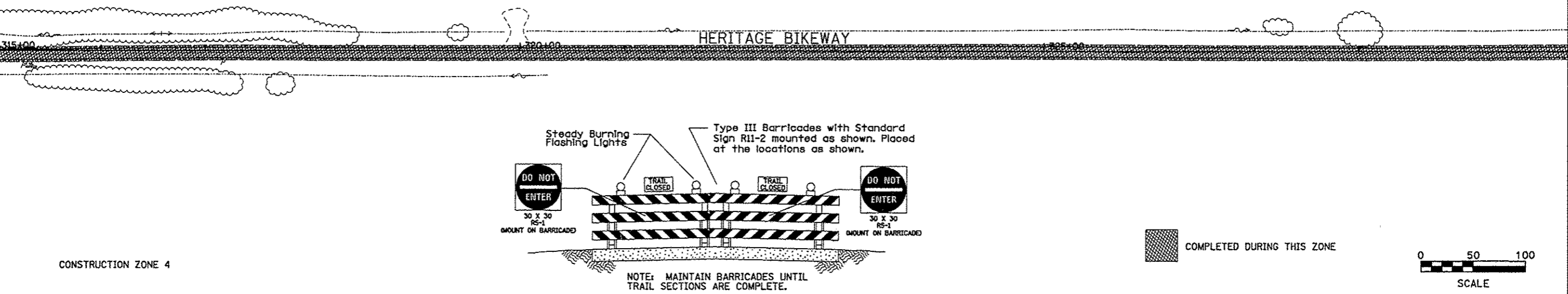
MATCH LINE STA. 300+00

MATCH LINE STA. 315+00

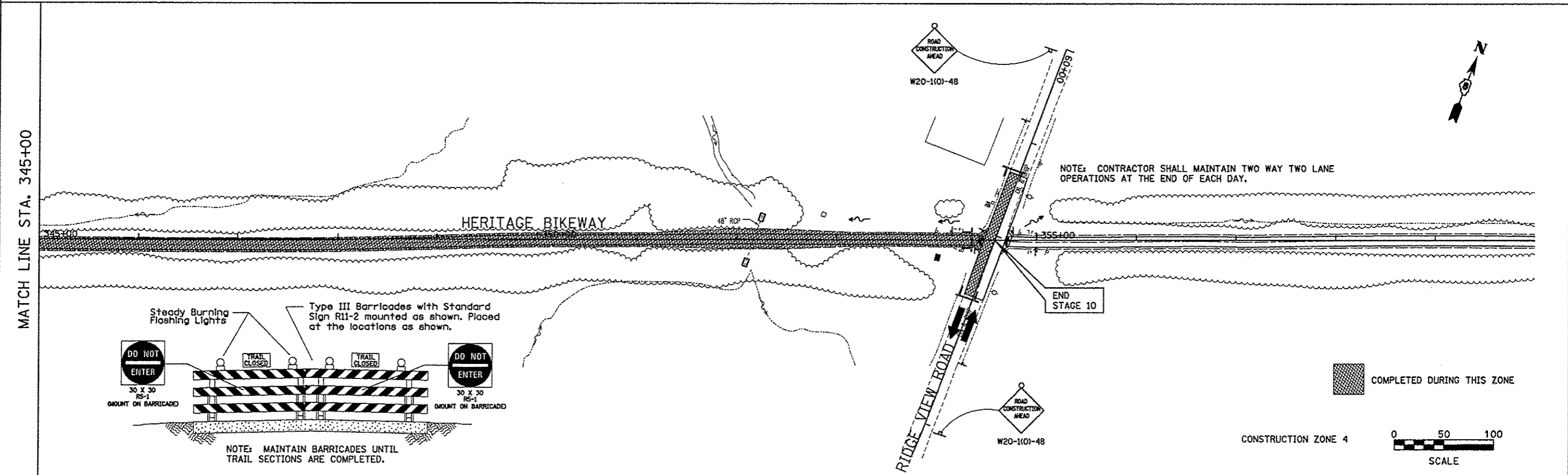
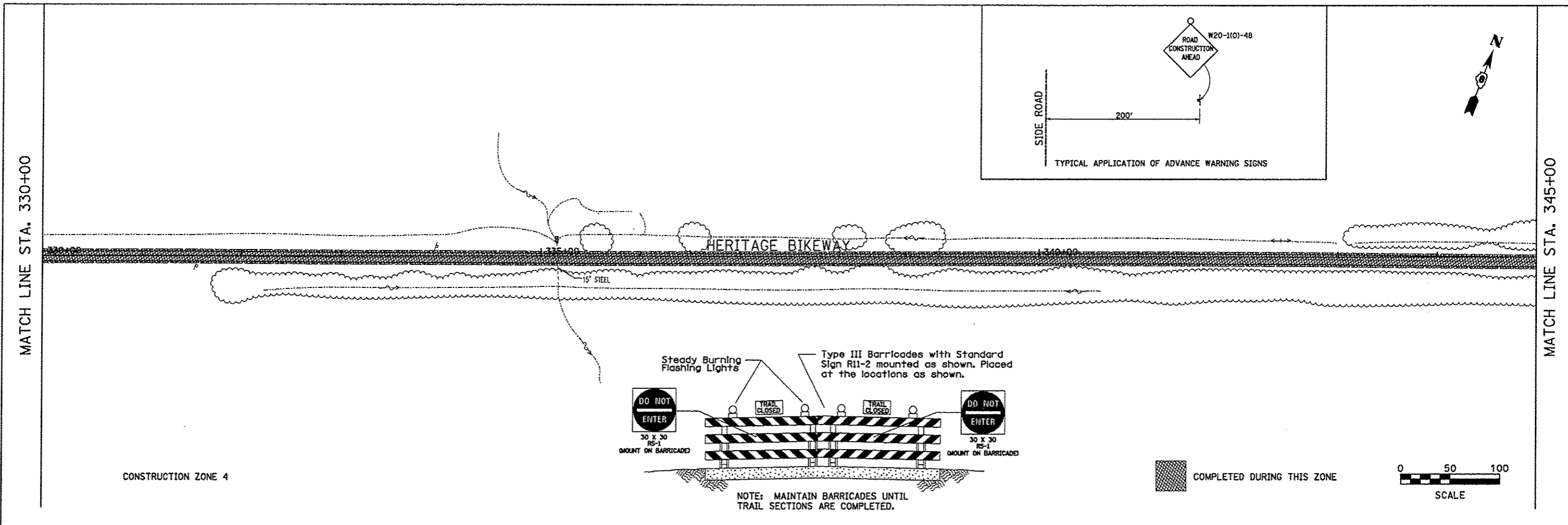


MATCH LINE STA. 315+00

MATCH LINE STA. 330+00

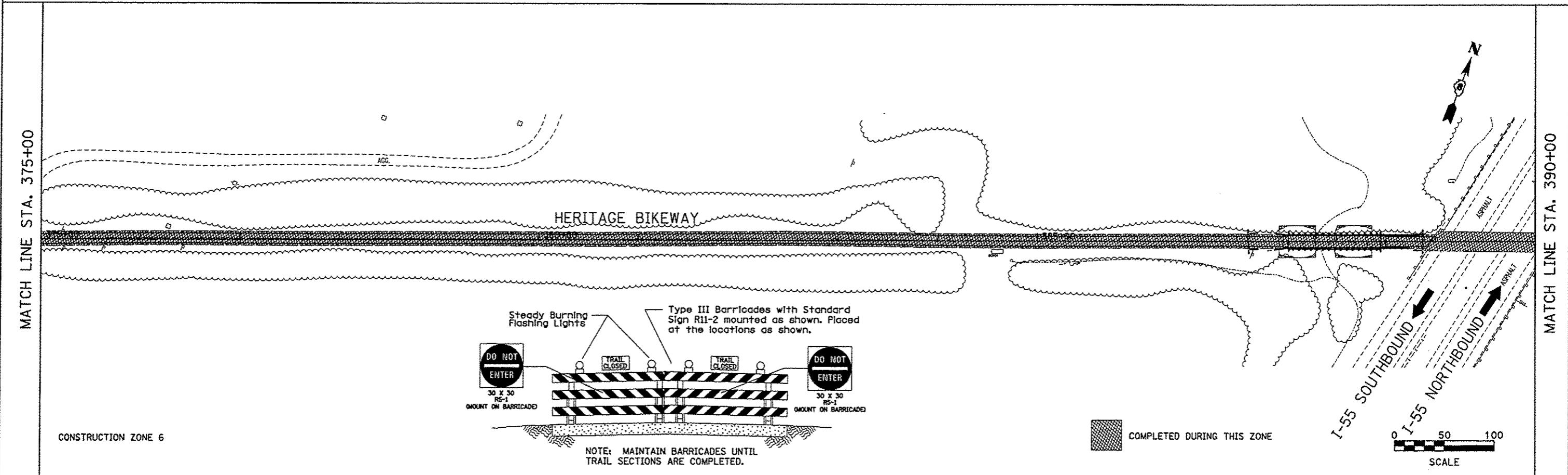
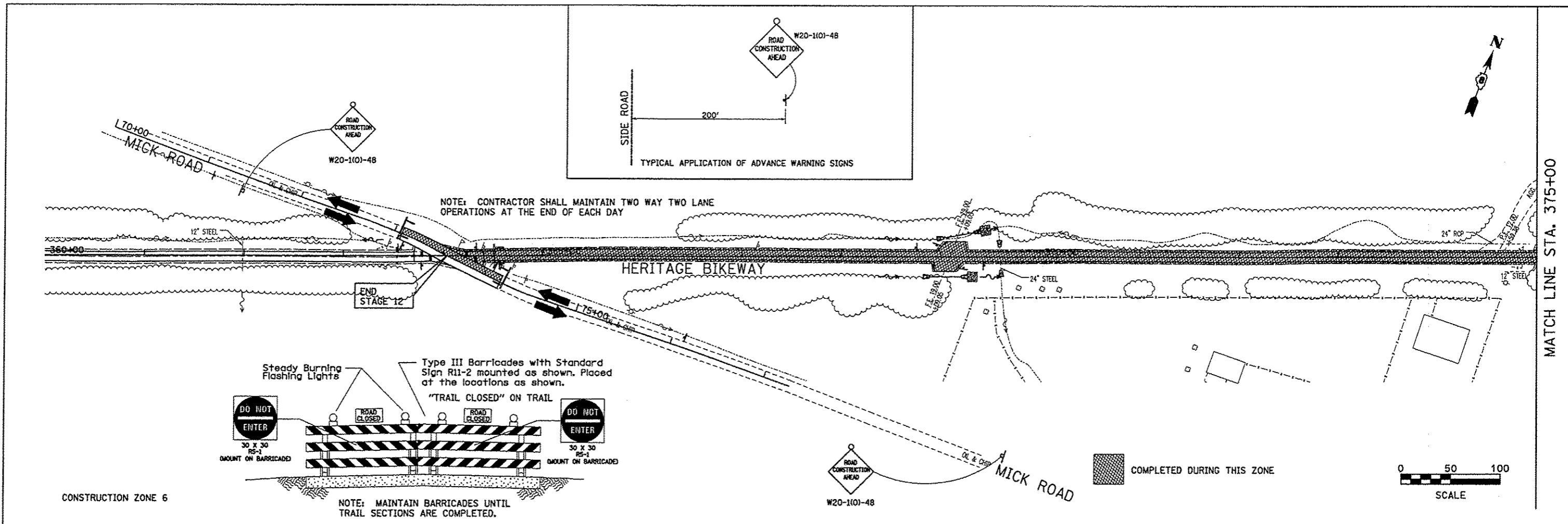


FILE NAME * StgConst_4e.dgn	USER NAME * jeramy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 4</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * SCALE*	DRAWN - JQH	REVISED -					06-00016-00-BT	MADISON	310	78	
PLOT DATE * 12/18/2012	CHECKED - WJB	REVISED -	REVISED -	SCALE: 1" = 50'   SHEET NO. 9 OF 18 SHEETS   STA. 300+00.00 TO STA. 330+00.00			FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT					
DATE - 11/30/12	REVISED -	REVISED -	REVISED -				CONTRACT NO. 97433					

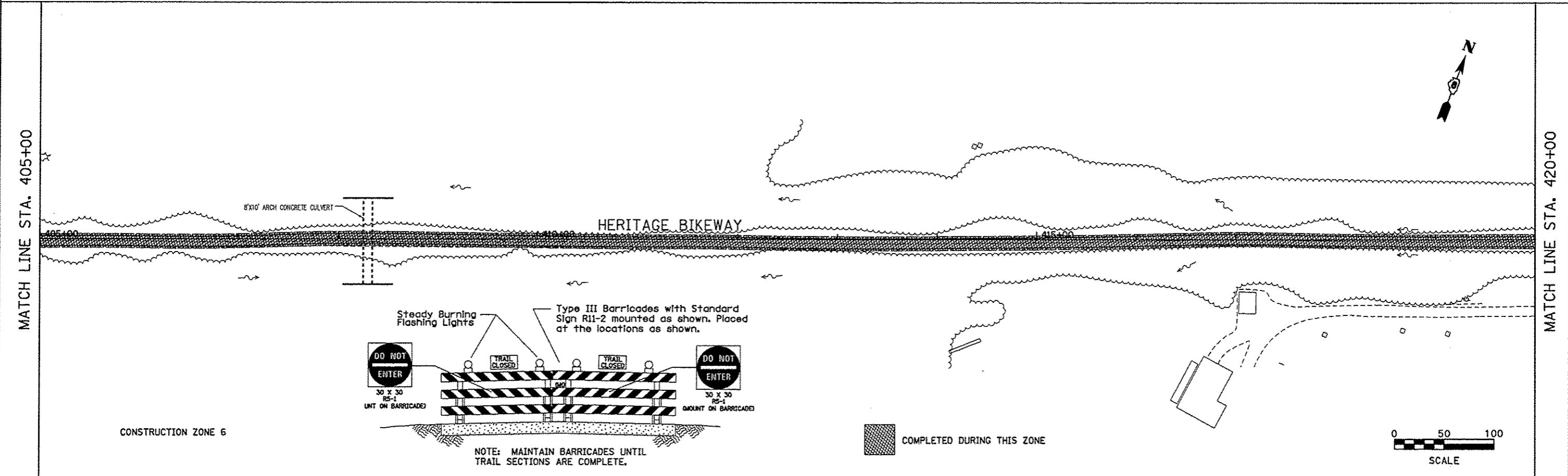
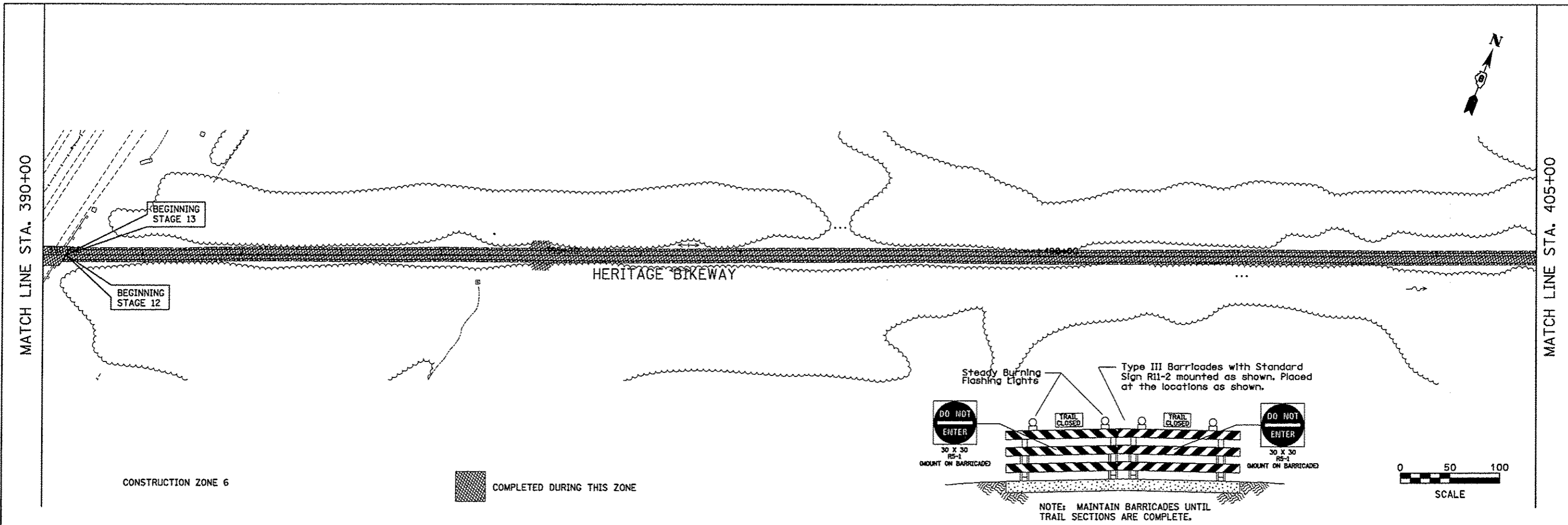


FILE NAME * StgConst_4f.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 4</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE*	DRAWN - JDH	REVISED -		06-00016-00-BT	MADISON	310	79				
	PLOT DATE * 12/18/2012	CHECKED - WJB	REVISED -		CONTRACT NO. 97433							
	DATE - 11/30/12	REVISED -	SCALE: 1" = 50'		SHEET NO. 10 OF 18 SHEETS	STA. 330+00.00 TO END STAGE 4	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				



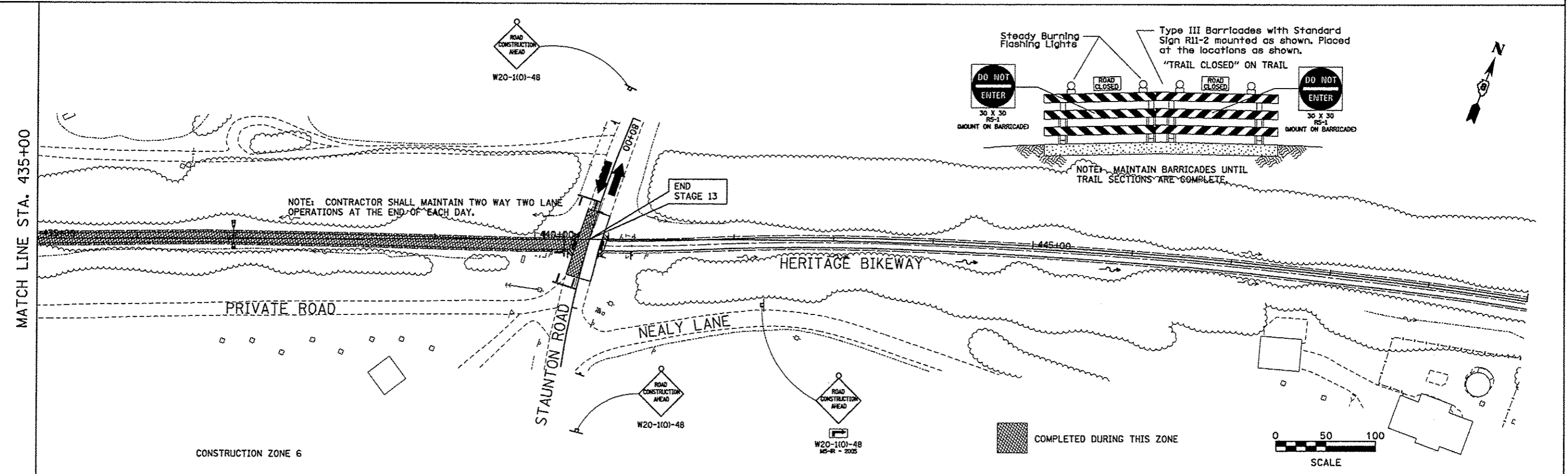
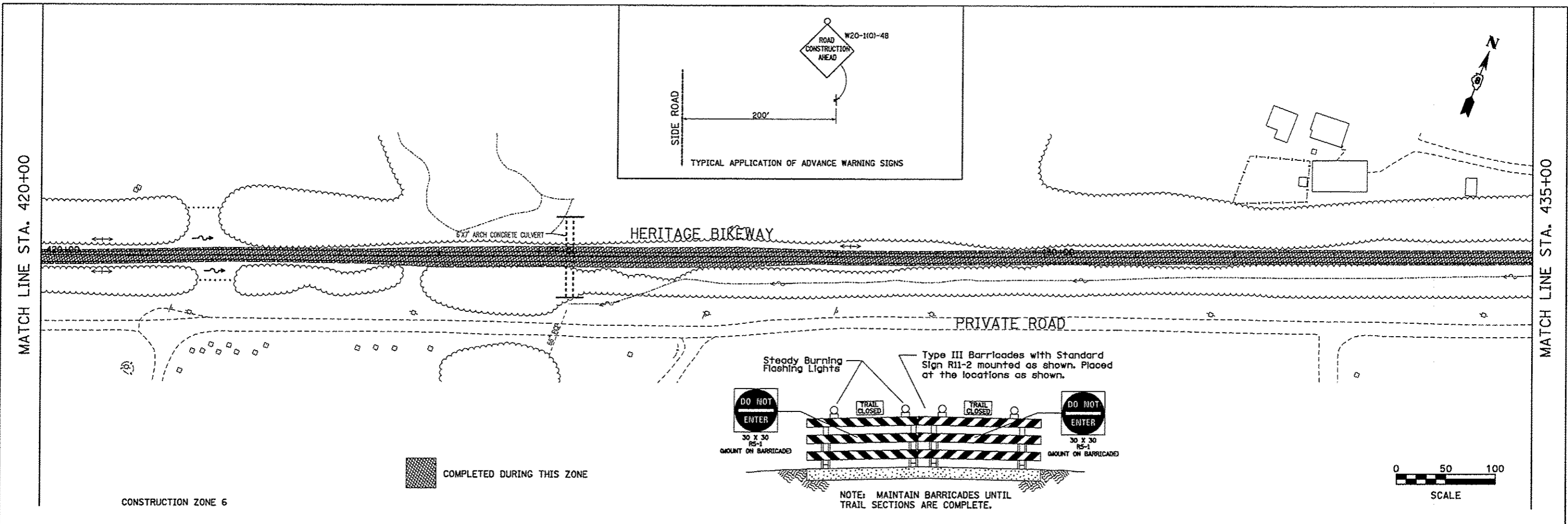


FILE NAME * StgConst_6.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED - -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 6</b>			F.A. RTE. 06-00016-00-BT	COUNTY MADISON	TOTAL SHEETS 310	SHEET NO. 81	
	PLOT SCALE = #SCALE*	CHECKED - WJB	REVISED - -		SCALE: 1" = 50'	SHEET NO. 12 OF 18 SHEETS	BEGIN STAGE 6 TO STA. 390+00.00	CONTRACT NO. 97433				
	PLOT DATE = 12/18/2012	DATE - 11/30/12	REVISED - -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

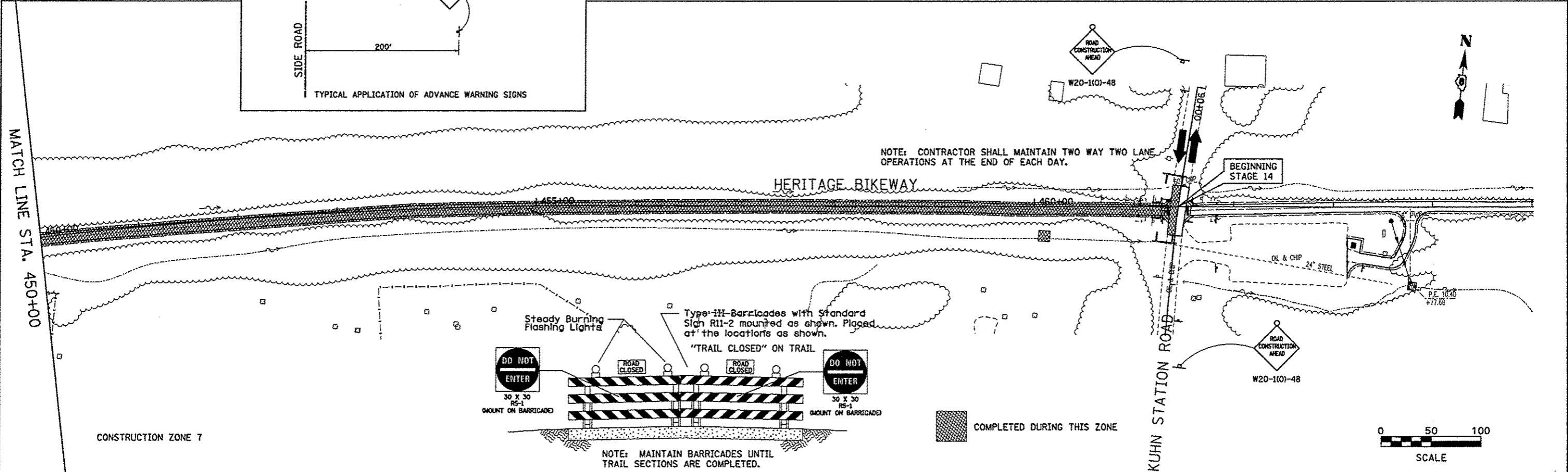
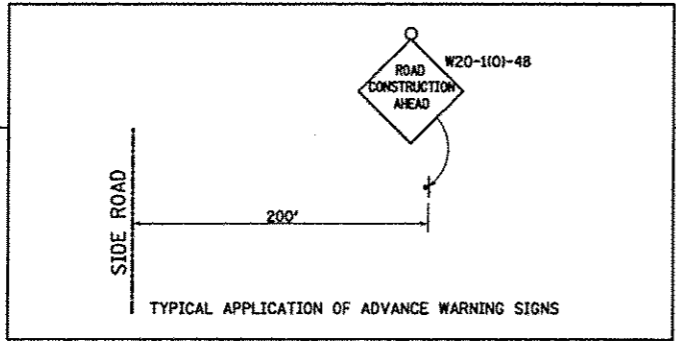
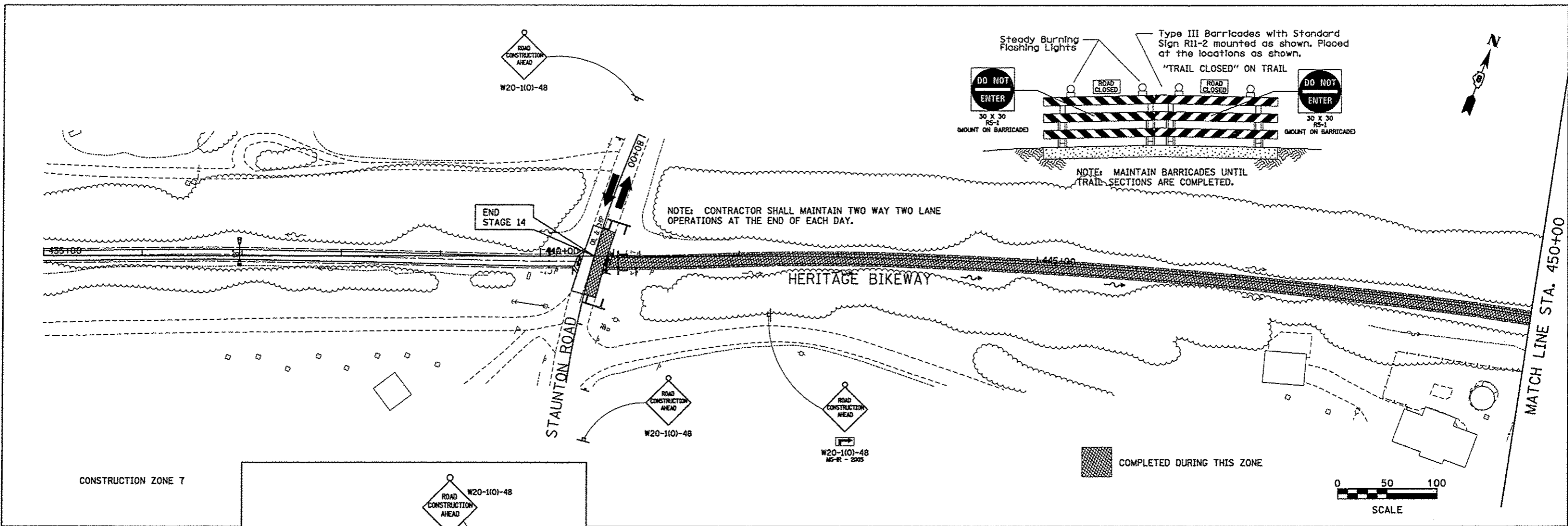


FILE NAME * StgConstL6a.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 6</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - JQH	REVISED -					06-00016-00-BT	MADISON	310	82	
	PLOT DATE * 12/18/2012	CHECKED - WJB	REVISED -					CONTRACT NO. 97433				
	DATE - 11/30/12	REVISED -	SCALE: 1" = 50'					SHEET NO. 13 OF 18 SHEETS	STA. 390+00.00 TO STA. 420+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

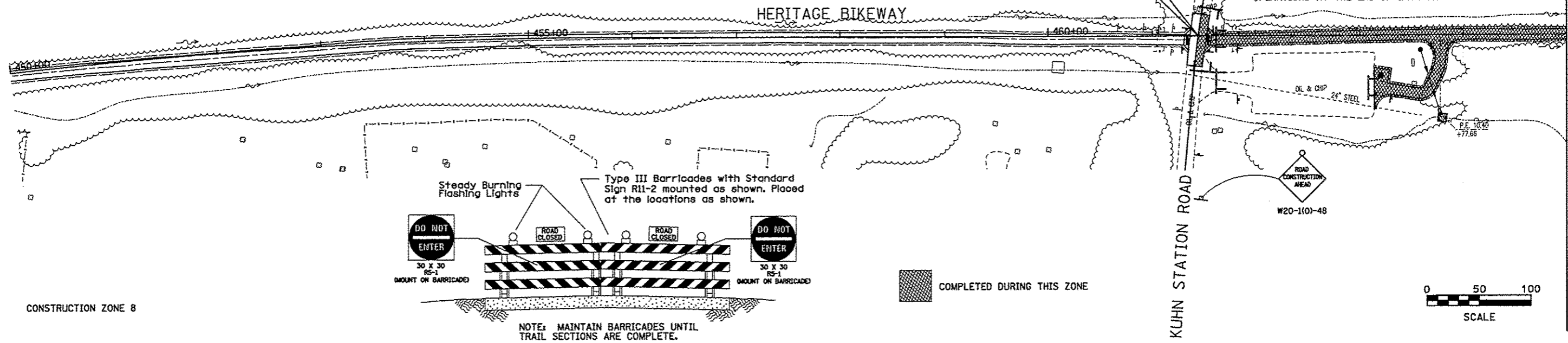
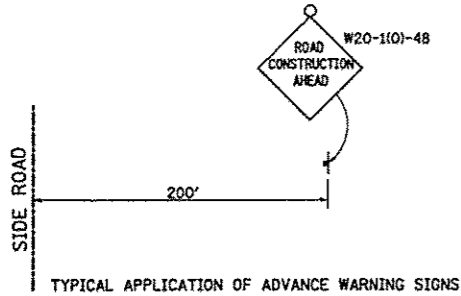




FILE NAME * StgConst.Gb.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 6</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - JQH	REVISED -		SCALE: 1" = 50'	SHEET NO. 14 OF 18 SHEETS	STA. 420+00.00 TO END STAGE 6	06-00016-00-BT	MADISON	310	83	
	PLOT DATE = 12/18/2012	CHECKED - WJB	REVISED -					<b>CONTRACT NO. 97433</b>				
		DATE - 11/30/12	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

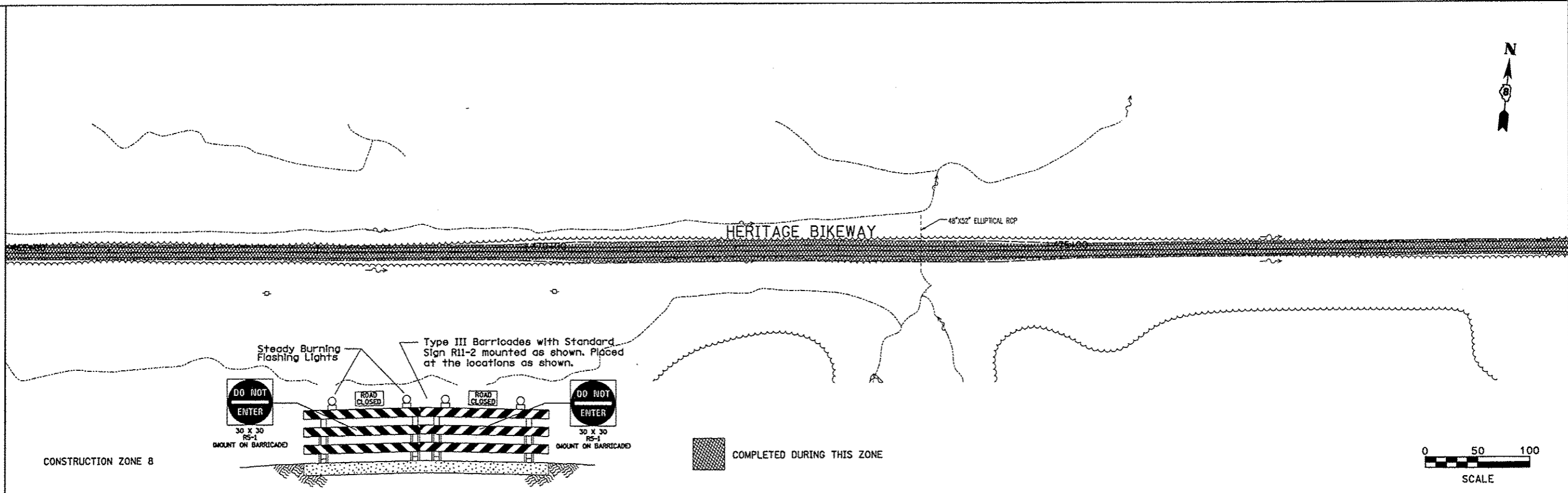


FILE NAME * StgConst_7.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 7</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH	REVISED -		SCALE: 1" = 50'	SHEET NO. 15 OF 18 SHEETS	06-00016-00-BT	MADISON	310	84	
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		DATE - 11/30/12	REVISED -				ILLINOIS FED. AID PROJECT				



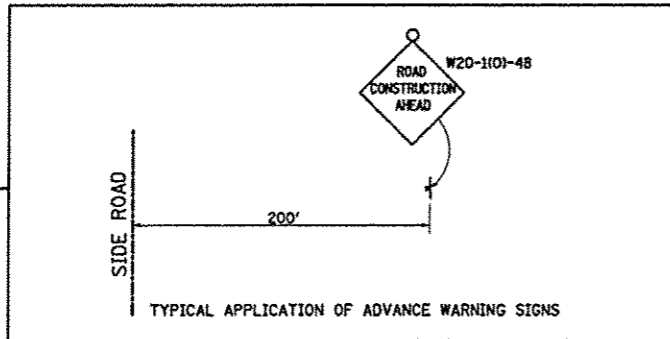
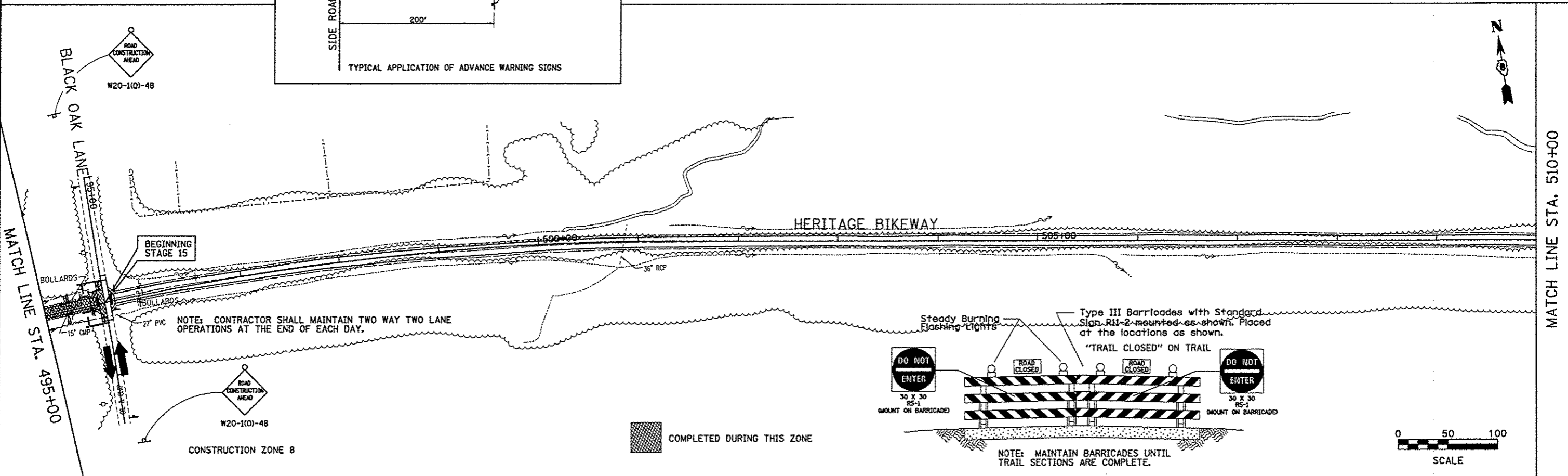
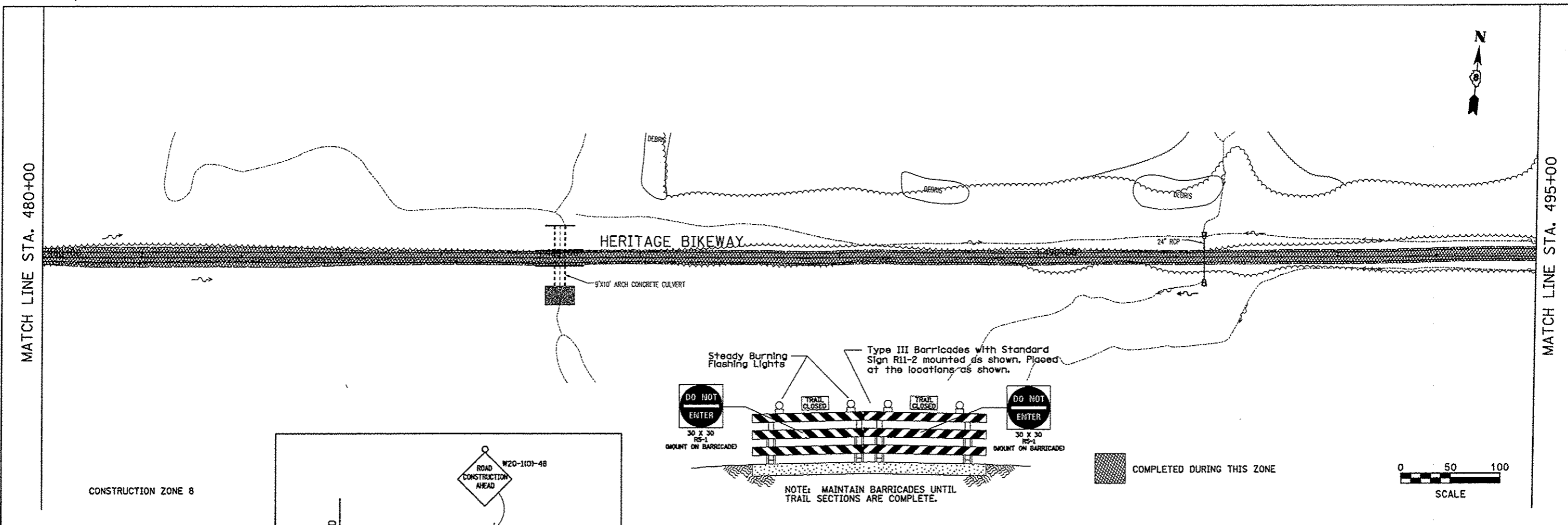
MATCH LINE STA. 465+00

MATCH LINE STA. 465+00

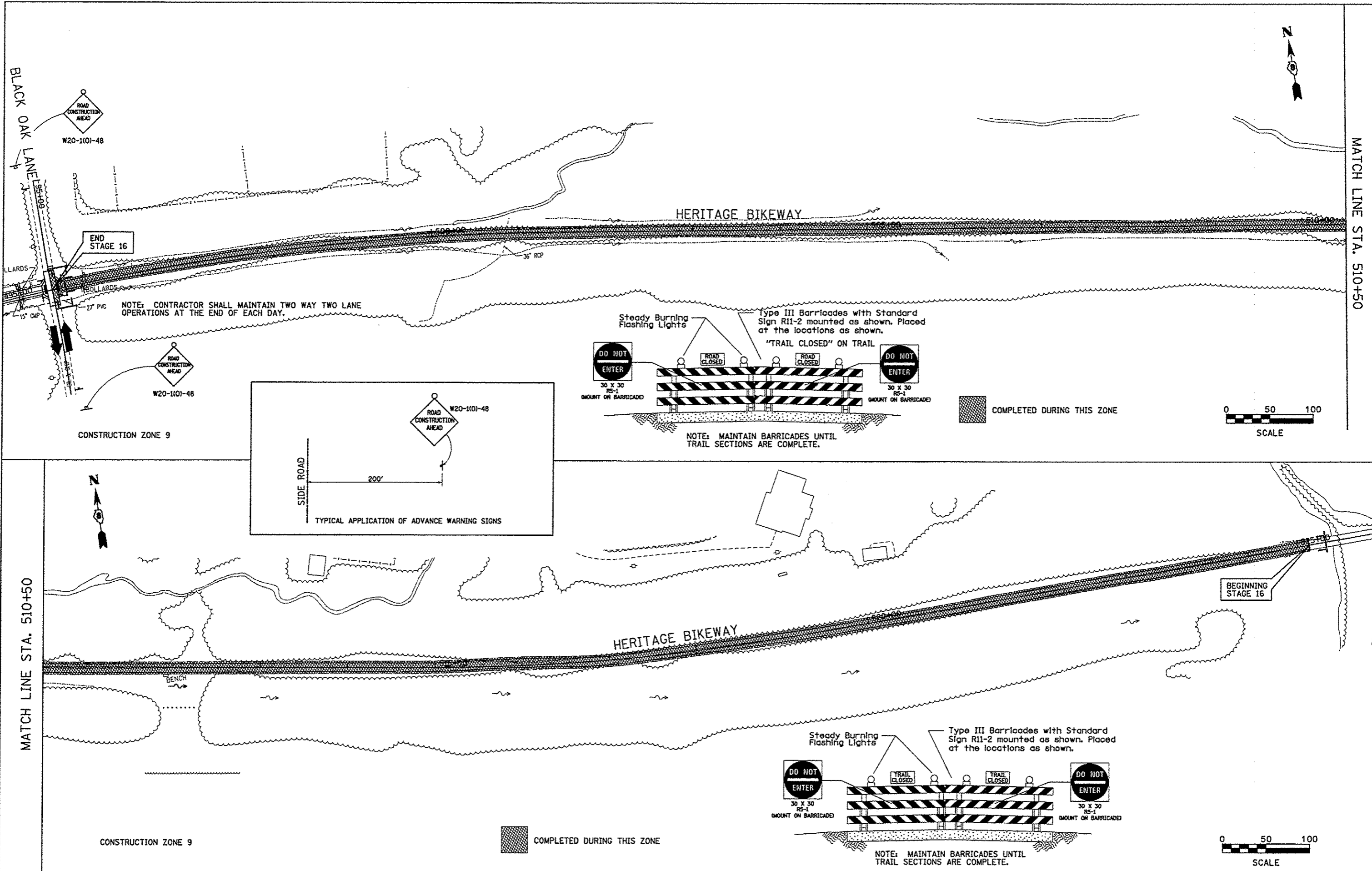


MATCH LINE STA. 480+00

FILE NAME * SsgConstL8.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 8</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JDH	REVISED -		SCALE: 1" = 50'	SHEET NO. 16 OF 18 SHEETS	BEGIN STAGE 8 TO STA. 465+00.00	06-00016-00-BT	MADISON	310	85	
		CHECKED - WJB	REVISED -									
		DATE - 11/30/12	REVISED -									
CONTRACT NO. 97433												



FILE NAME * StgConstL8.dgn	USER NAME * Jeremy	DESIGNED - SAS	REVISED -	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>CONSTRUCTION ZONE 8</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - JDH	REVISED -					06-00016-00-BT	MADISON	310	86	
	PLOT DATE = 12/18/2012	CHECKED - WJB	REVISED -					CONTRACT NO. 97433				
	DATE - 11/30/12	REVISED -	SCALE: 1" = 50'   SHEET NO. 17 OF 18 SHEETS   STA. 480+00.00 TO END STAGE 8									
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT												



FILE NAME * StgConst_9.dgn	USER NAME * jeremy	DESIGNED - SAS	REVISED -
		DRAWN - JDH	REVISED -
		CHECKED - WJB	REVISED -
		DATE - 11/30/12	REVISED -

**MADISON COUNTY TRANSIT DISTRICT  
HERITAGE BIKEWAY**

<b>CONSTRUCTION ZONE 9</b>	
SCALE: 1" = 50'	SHEET NO. 18 OF 18 SHEETS

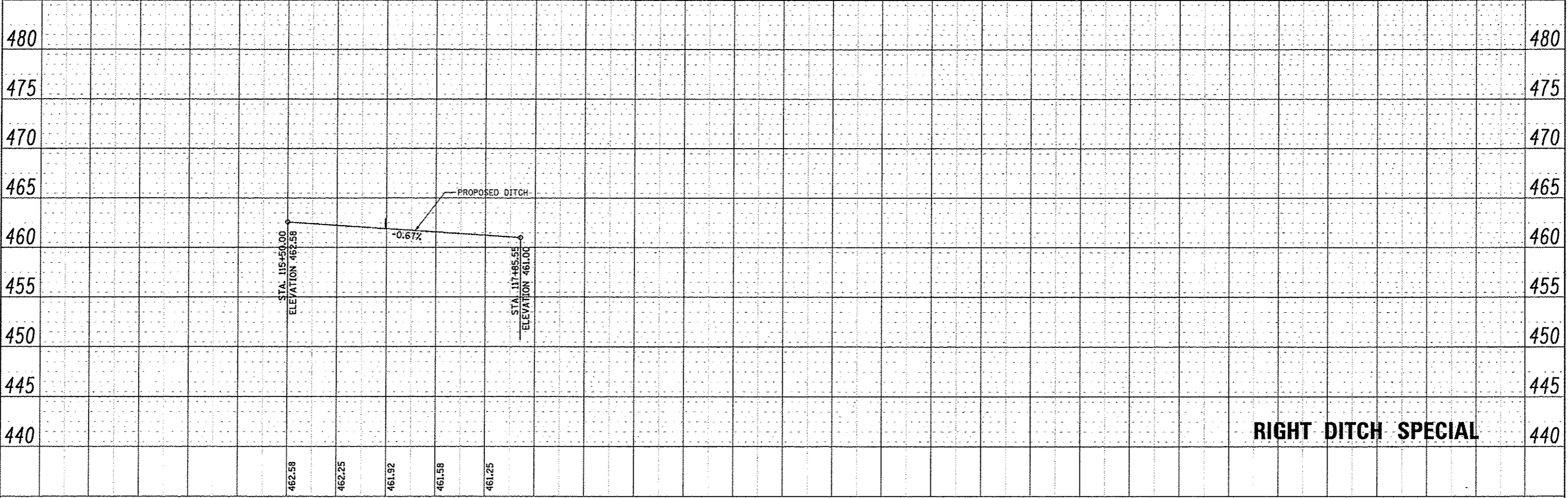
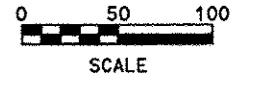
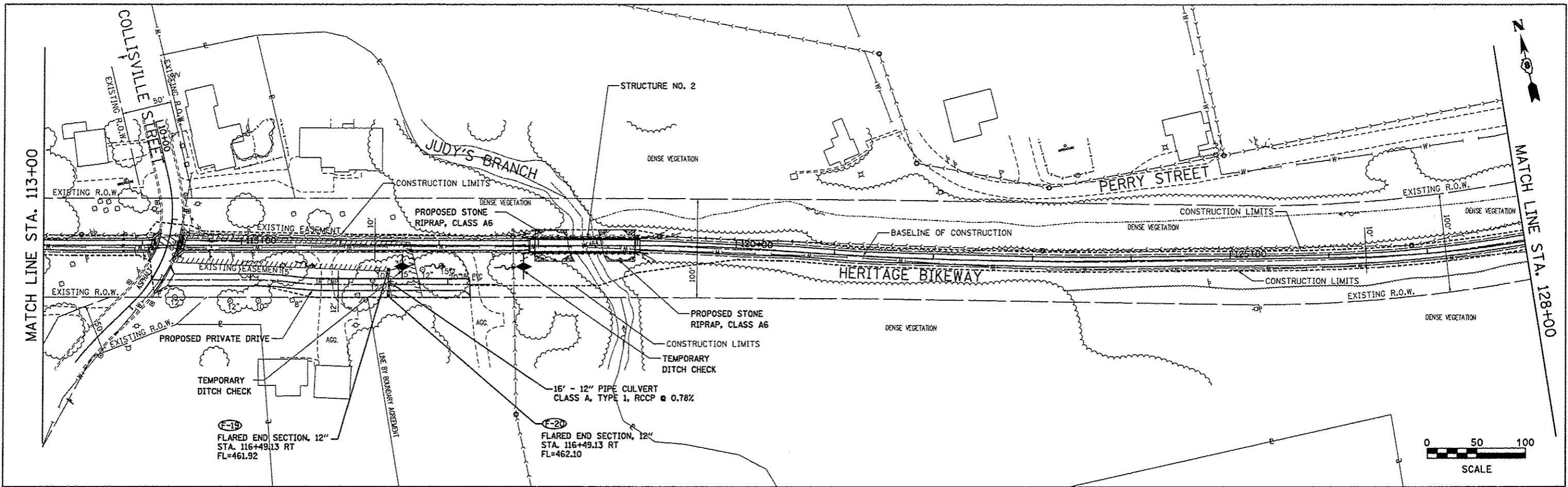
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00016-00-BT	MADISON	310	87
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 97433	





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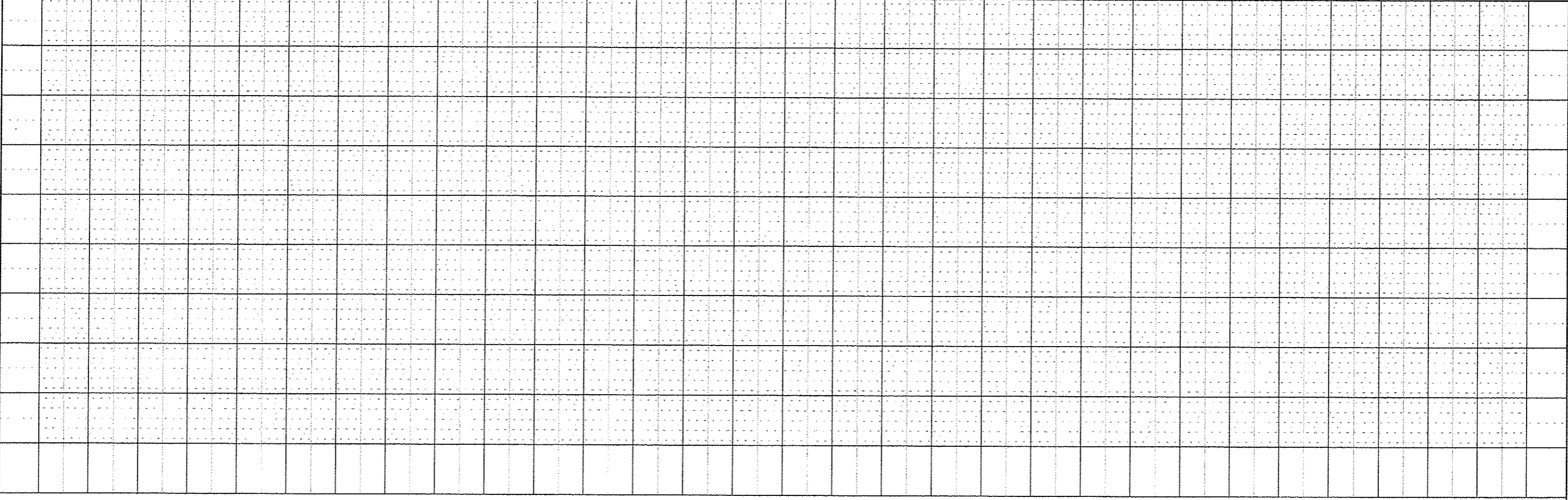
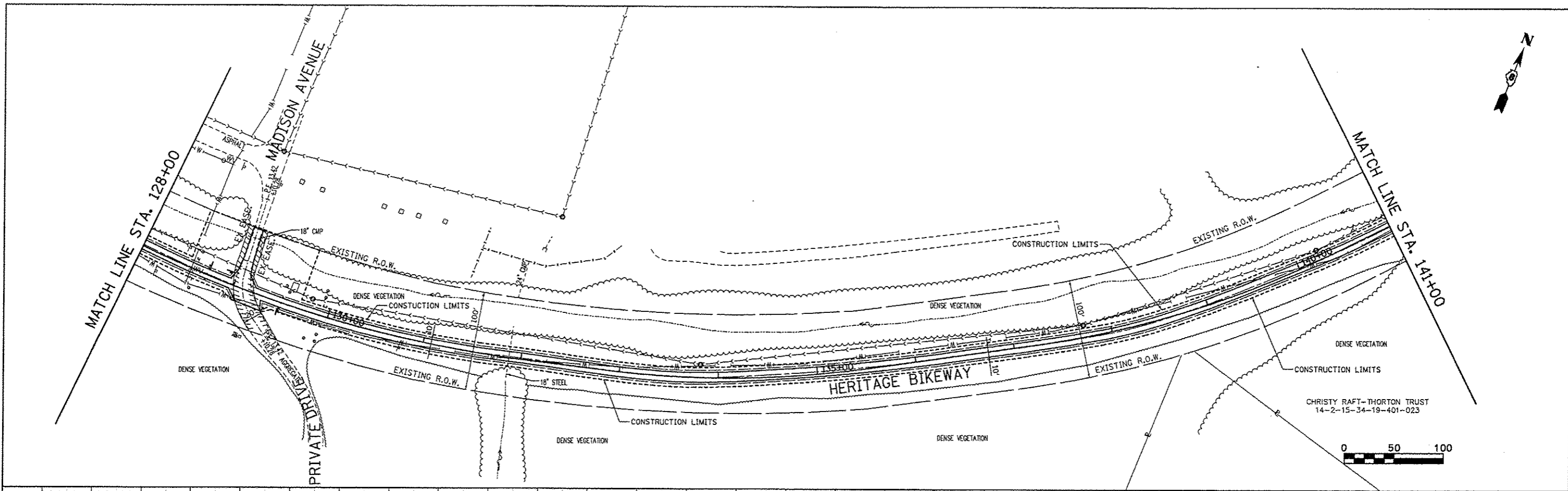
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113+00	114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00
FILE NAME = drain_02.dgn		USER NAME = jeremy		DESIGNED - SAS		DRAWN - SAS		CHECKED - WJB		DATE - 11/30/12		MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY		DRAINAGE & EROSION CONTROL PLAN	
PLOT SCALE = #SCALE#		PLOT DATE = 12/18/2012		SCALE: 1" = 50'		SHEET NO. 2 OF 23 SHEETS		STA. 113+00.00 TO STA. 128+00.00		F.A. RTE.		SECTION		COUNTY	
										06-00016-00-BT		MADISON		TOTAL SHEETS 310	
														SHEET NO. 69	
														CONTRACT NO. 97433	
														ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
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	NOTE BOOK		
	NO.		
	FILE NAME		

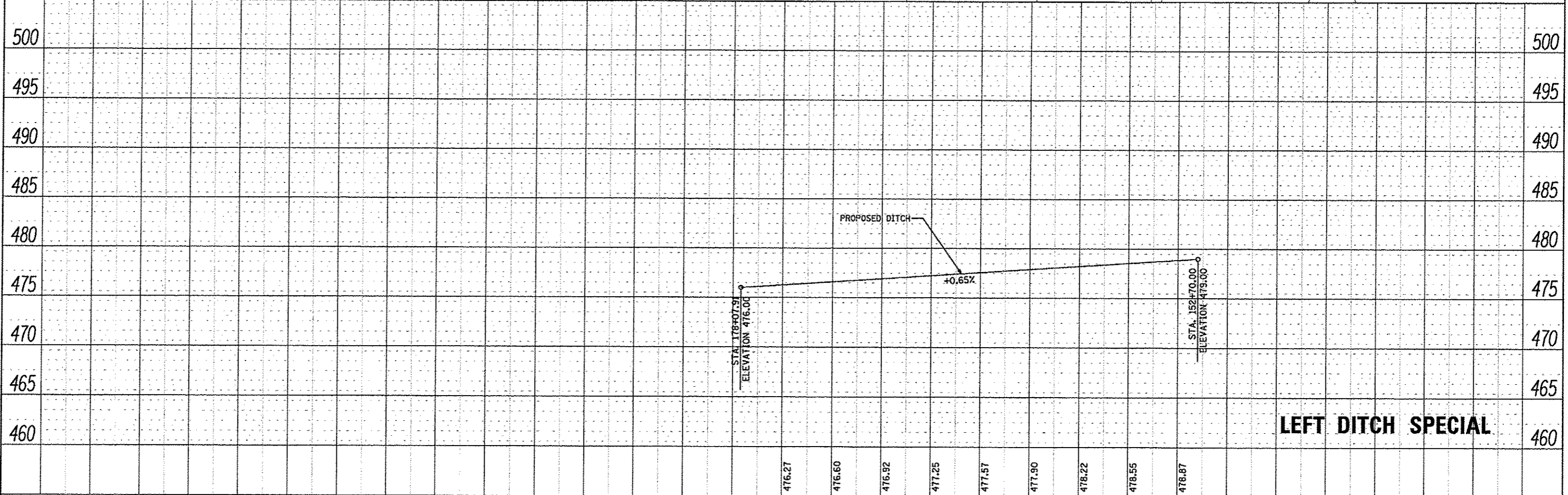
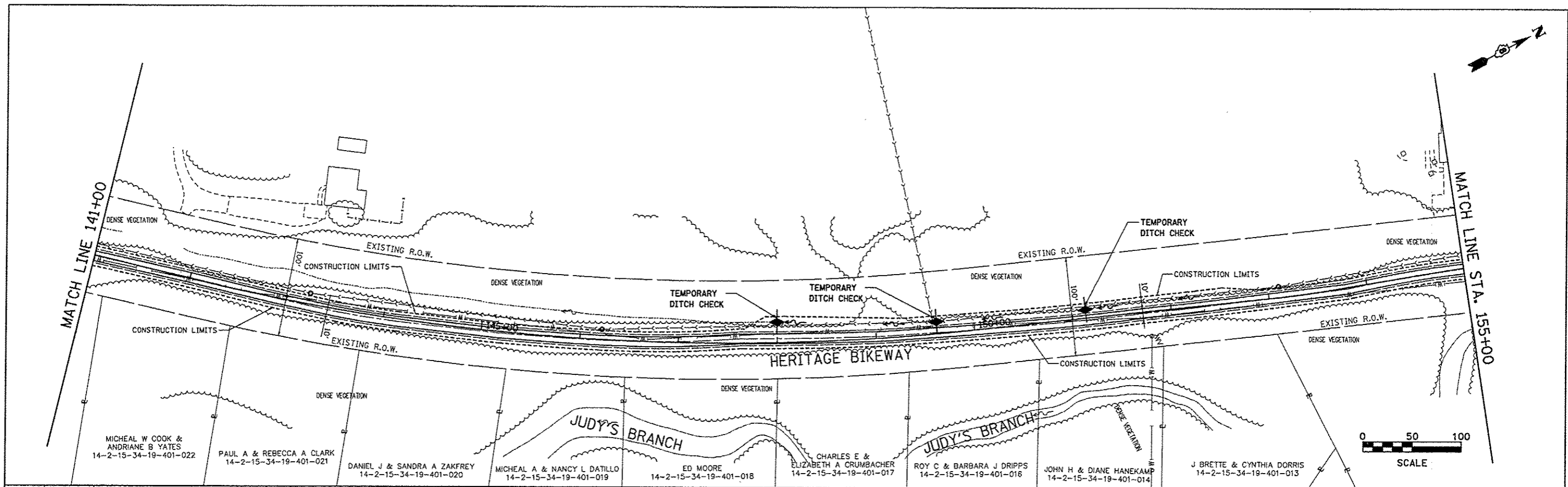
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	FILE NAME		



FILE NAME = drain_03.dgn	USER NAME = jeremy	DESIGNED - SAS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SAS		06-00016-00-BT	MADISON	310	90
		CHECKED - WJB	DRAINAGE & EROSION CONTROL PLAN		CONTRACT NO. 97433		
		DATE - 11/30/12	MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY		SCALE: 1" = 50'		
			SHEET NO. 3 OF 23 SHEETS		STA. 128+00.00 TO STA. 141+00.00		
			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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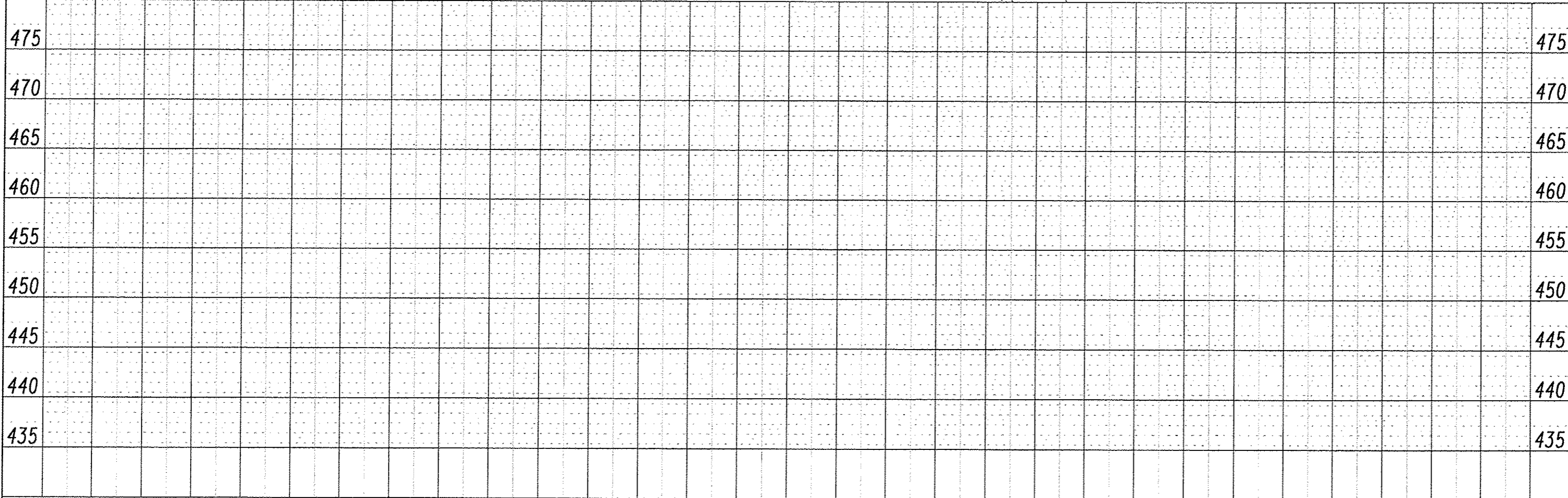
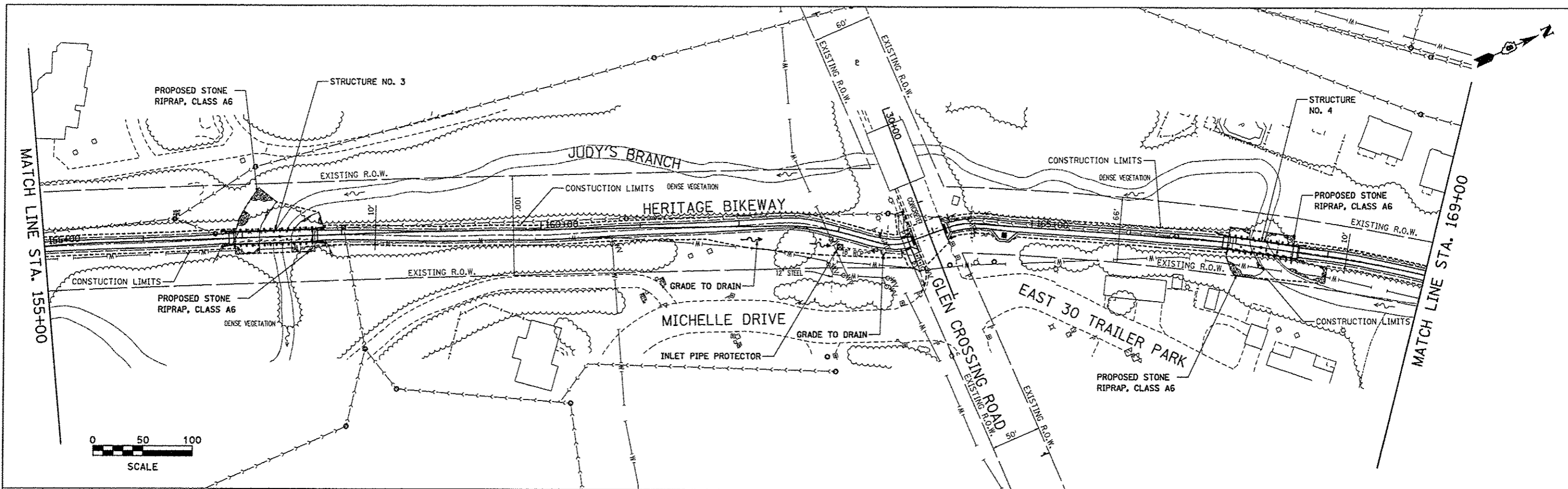


141+00	142+00	143+00	144+00	145+00	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00	154+00	155+00	156+00	
FILE NAME = drcan_b30.dgn USER NAME = Jeremy DESIGNED - SAS DRAWN - SAS CHECKED - WJB PLOT DATE = 12/18/2012 DATE = 11/30/12										<b>MADISON COUNTY TRANSIT DISTRICT</b> <b>HERITAGE BIKEWAY</b>			<b>DRAINAGE &amp; EROSION CONTROL PLAN</b> SCALE: 1" = 50' SHEET NO. 4 OF 23 SHEETS STA. 128+00.00 TO STA. 141+00.00		F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 06-00016-00-BT MADISON 310 91 CONTRACT NO. 97433	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT																



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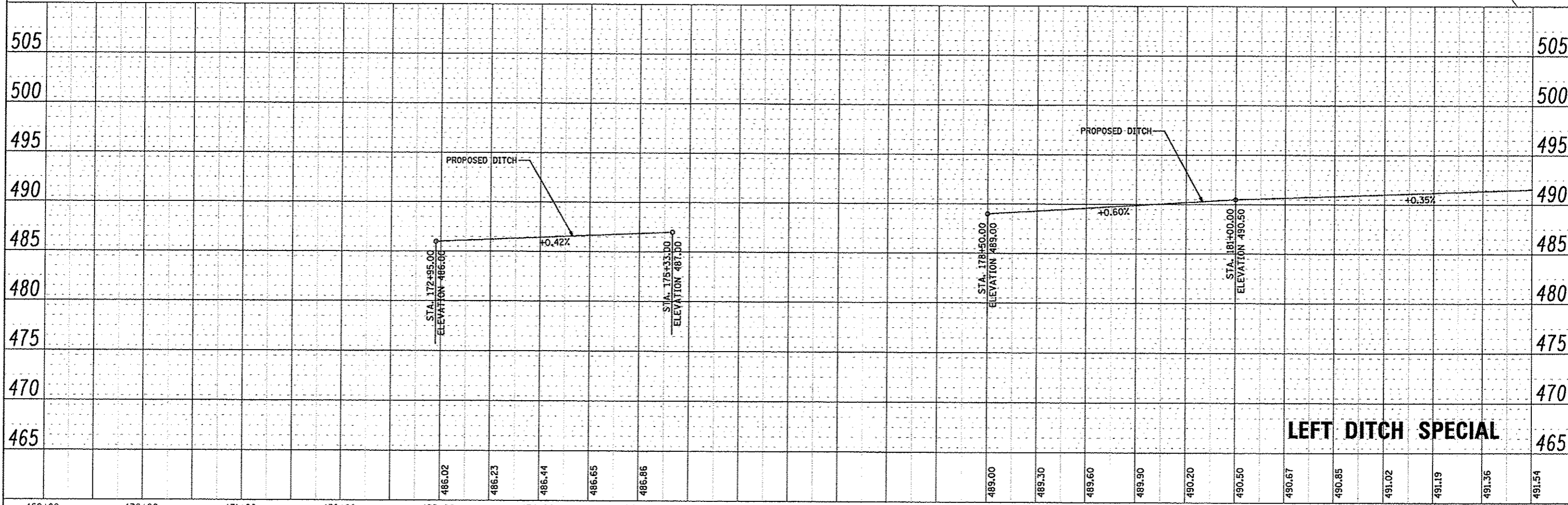
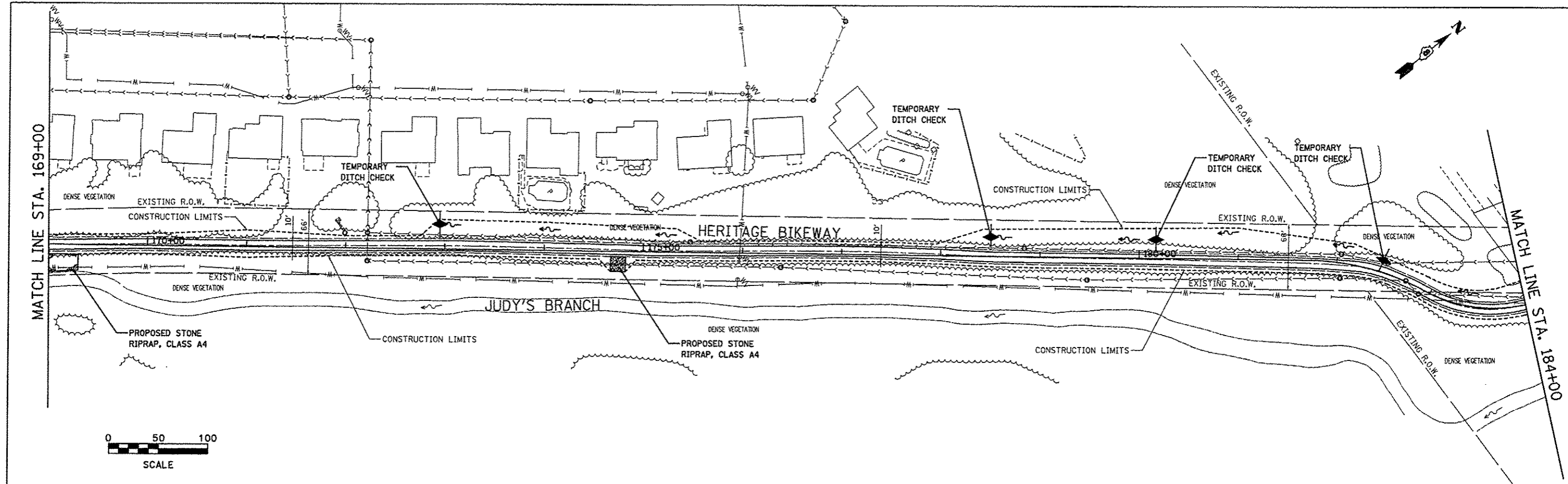
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 PLAN: \_\_\_\_\_

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 PROFILE: \_\_\_\_\_



169+00	170+00	171+00	172+00	173+00	174+00	175+00	176+00	177+00	178+00	179+00	180+00	181+00	182+00	183+00	184+00					
486.02	486.23	486.44	486.65	486.86					489.00	489.30	489.60	489.90	490.20	490.50	490.67	490.85	491.02	491.19	491.36	491.54

FILE NAME: drain\_04a.dgn  
 USER NAME: jeromy  
 PLOT SCALE: #SCALE#  
 PLOT DATE: 12/18/2012

DESIGNED - SAS  
 DRAWN - SAS  
 CHECKED - WJB  
 DATE - 11/30/12

**MADISON COUNTY TRANSIT DISTRICT**  
**HERITAGE BIKEWAY**

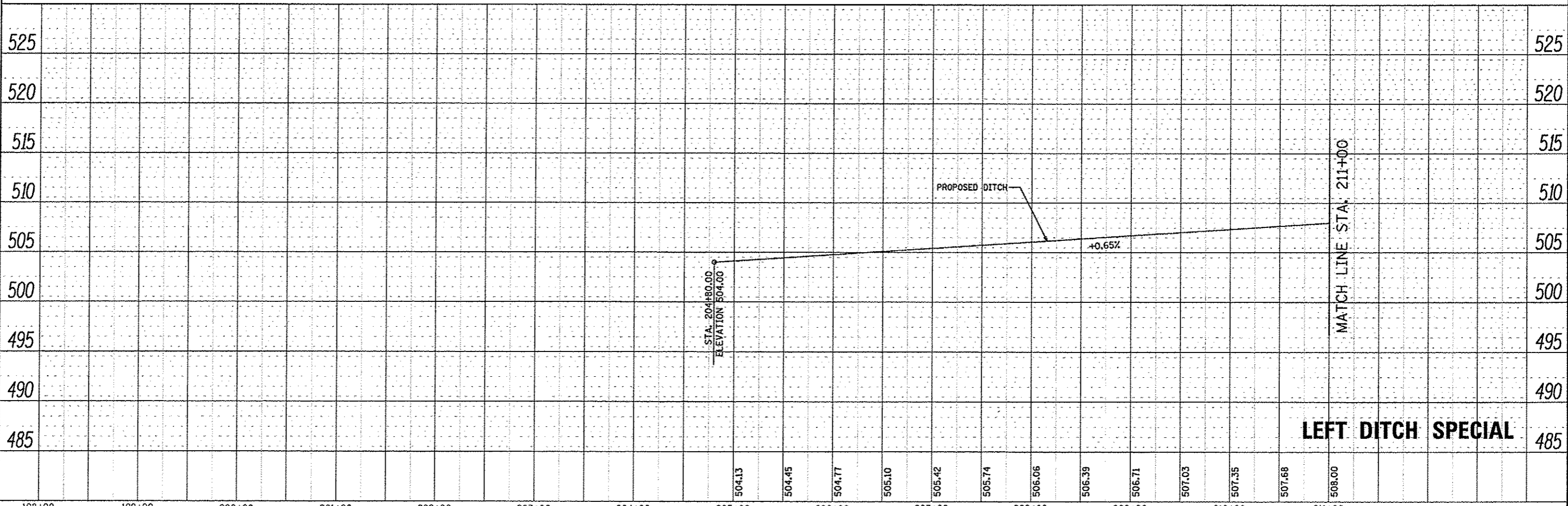
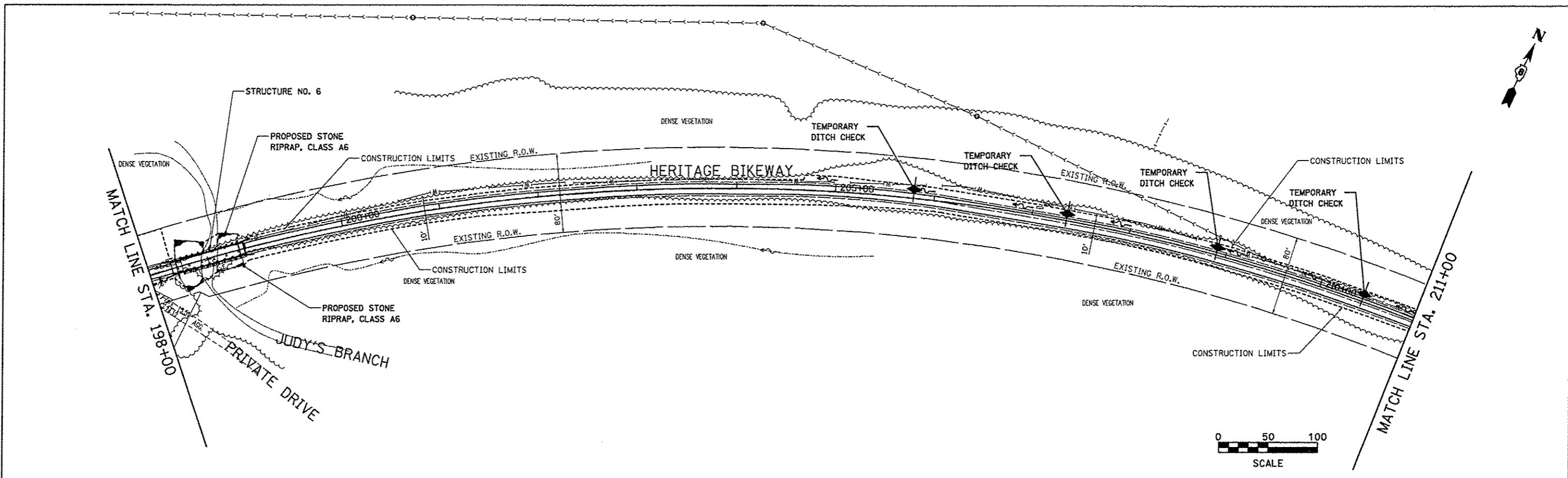
**DRAINAGE & EROSION CONTROL PLAN**  
 SCALE: 1" = 50'  
 SHEET NO. 6 OF 23 SHEETS  
 STA. 100+00.00 TO STA. 113+00.00

SECTION: 06-00016-00-BT  
 COUNTY: MADISON  
 TOTAL SHEETS: 310  
 SHEET NO.: 93  
 CONTRACT NO.: 97433  
 F.A. RTE.:  
 FED. ROAD DIST. NO.: ILLINOIS/FED. AID PROJECT



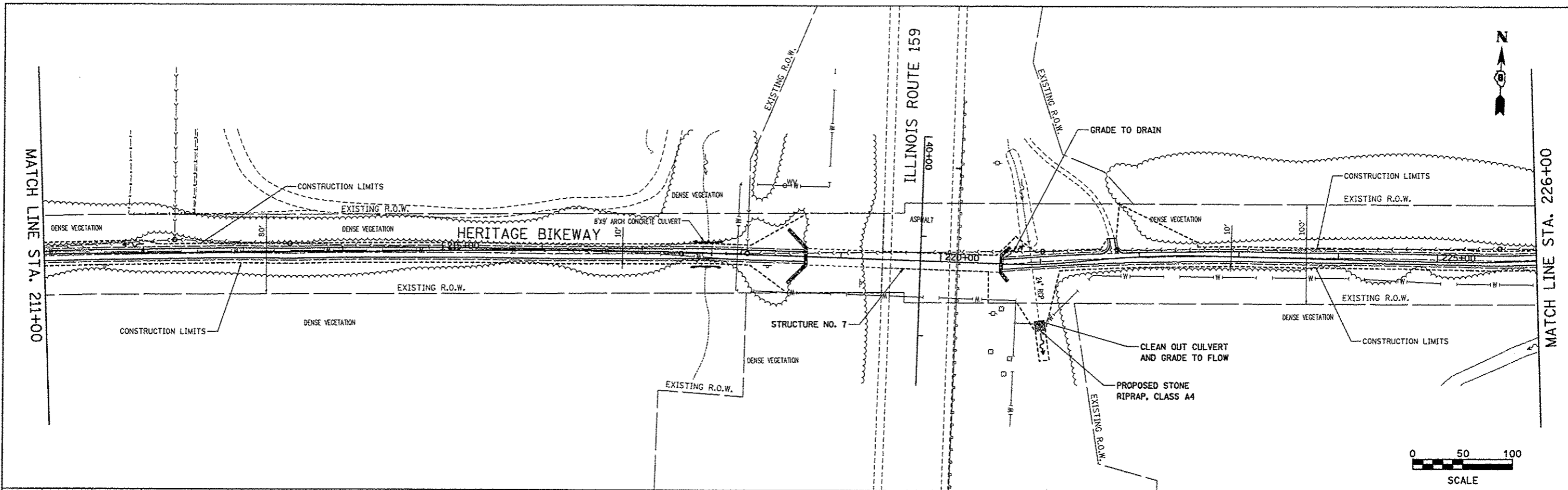
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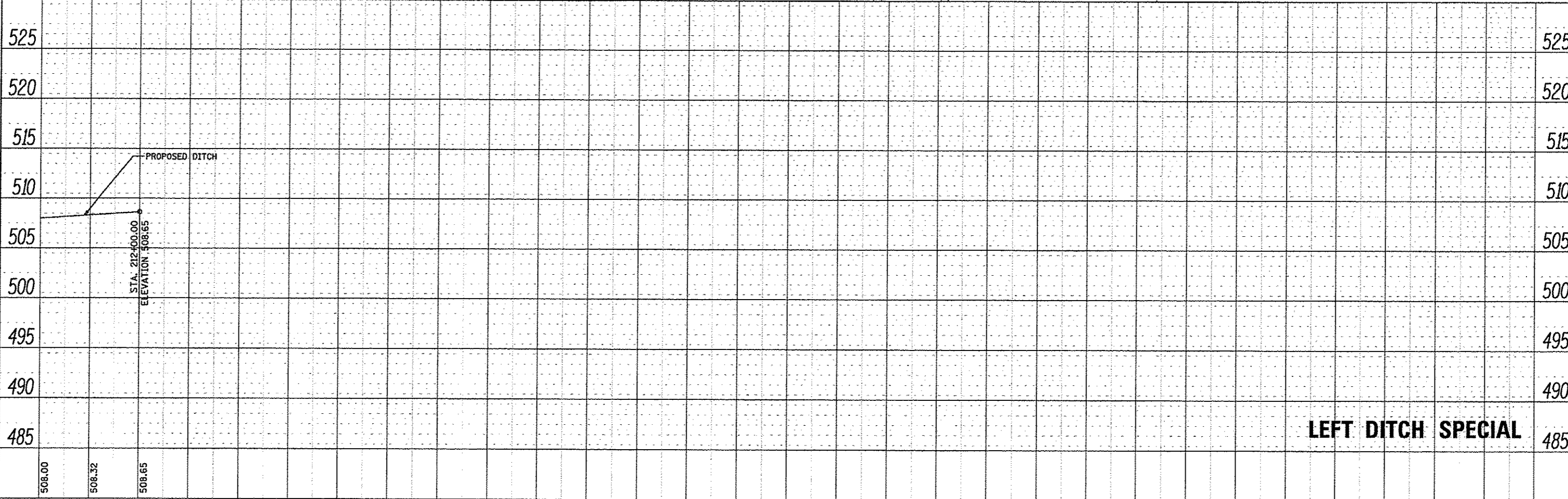


FILE NAME * drain_05A.dgn	USER NAME * Jeremy	DESIGNED - SAS	DRAWN - SAS	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>				<b>DRAINAGE &amp; EROSION CONTROL PLAN</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE * #SCALE#		CHECKED - WJB	SCALE: 1" = 50'				SHEET NO. 8 OF 23 SHEETS				STA. 184+00.00 TO STA. 198+00.00				06-00016-00-BT	MADISON	310	95
PLOT DATE * 12/18/2012		DATE - 11/30/12	CONTRACT NO. 97433				ILLINOIS FED. AID PROJECT											

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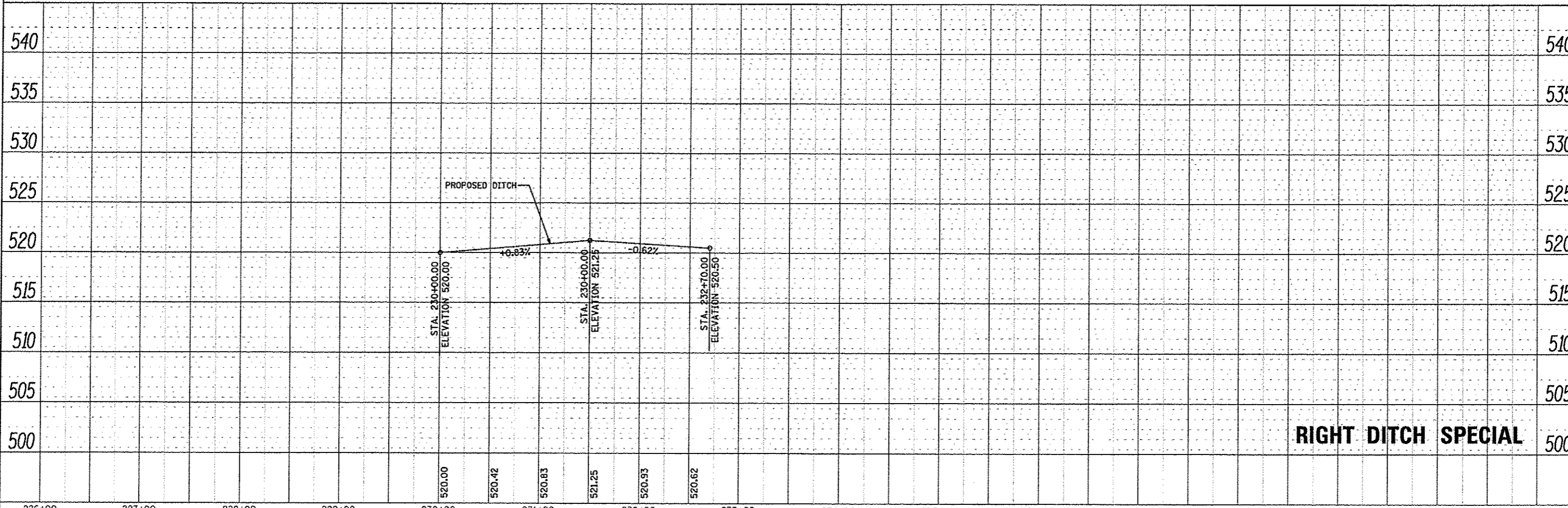
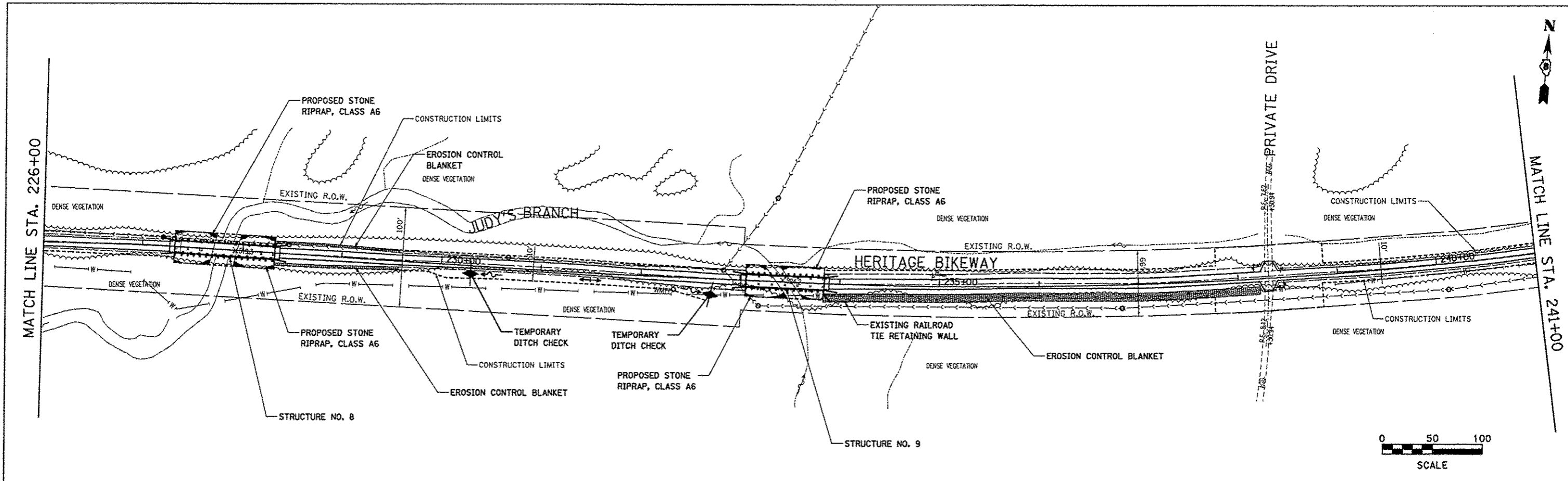
**LEFT DITCH SPECIAL**

FILE NAME = drain_06.dgn	USER NAME = Jeremy	DESIGNED - SAS	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>DRAINAGE &amp; EROSION CONTROL PLAN</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SAS		SCALE: 1" = 50'	SHEET NO. 9 OF 23 SHEETS	STA. 211+00.00 TO STA. 226+00.00	06-00016-00-BT	MADISON	310	96
		CHECKED - WJB					CONTRACT NO. 97433			
		DATE - 11/30/12					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



PLAN	DATE
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NO. OF WAYS OR DEEDS	
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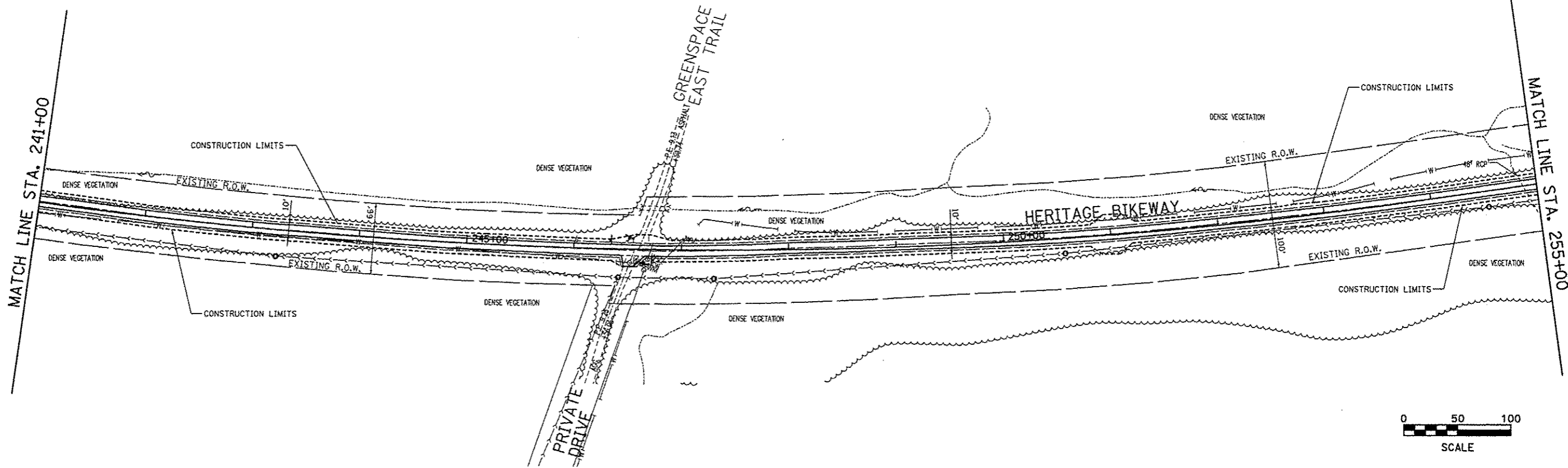
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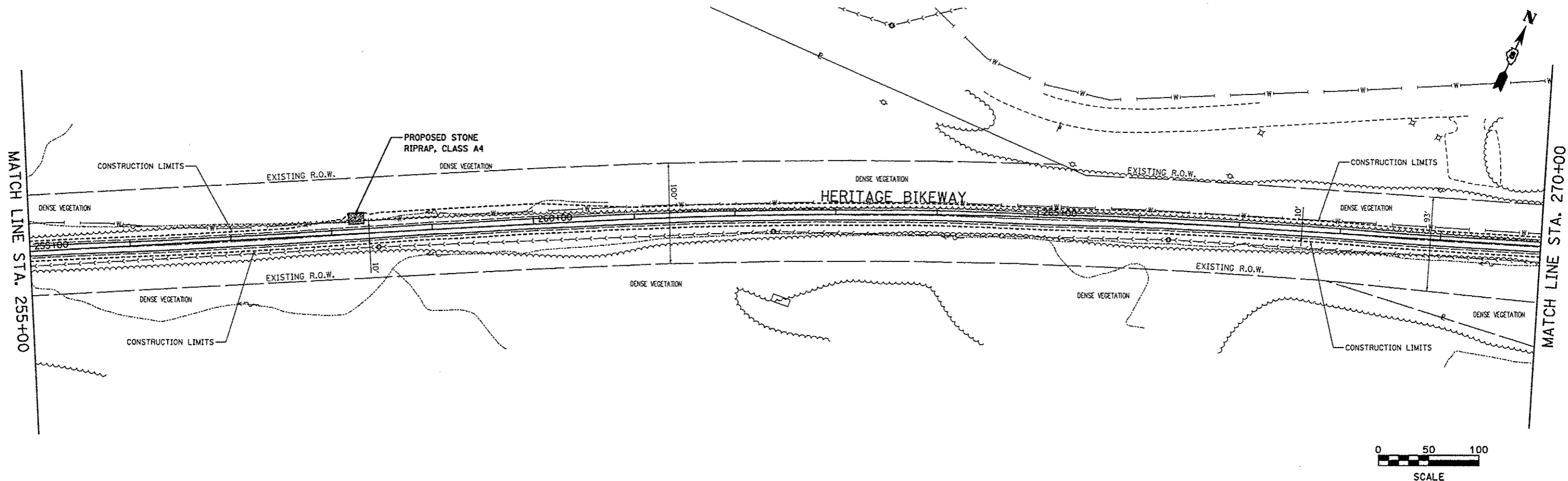
FILE NAME = drain_06a.dgn	USER NAME = jeramy	DESIGNED - SAS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1"=50'	CHECKED - WJB		06-00016-00-BT	MADISON	310	97	
PLOT DATE = 12/19/2012	DATE = 11/30/12						CONTRACT NO. 97433
MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY			DRAINAGE & EROSION CONTROL PLAN				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT
SCALE: 1" = 50'			SHEET NO. 10 OF 23 SHEETS		STA. 211+00.00 TO STA. 226+00.00		



PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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FILE NAME = drain_07.dgn	USER NAME = jeromy	DESIGNED - SAS	<b>MADISON COUNTY TRANSIT DISTRICT HERITAGE BIKEWAY</b>	<b>DRAINAGE &amp; EROSION CONTROL PLAN</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SAS		SCALE: 1" = 50'	SHEET NO. 11 OF 23 SHEETS	STA. 241+00.00 TO STA. 255+00.00	06-00016-00-BT	MADISON	310	98
		CHECKED - WJB						CONTRACT NO. 97433		
		DATE - 11/30/12						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT



