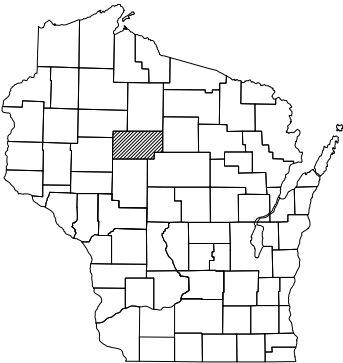


PROJECT ID: 9535-00-70

COUNTY: TAYLOR

ORDER OF SHEETS		
Section No. 1	Title	
Section No. 2	Typical Sections and Details	
Section No. 3	Estimate of Quantities	
Section No. 3	Miscellaneous Quantities	
Section No. 4	Right of Way Plat	
Section No. 5	Plan and Profile	
Section No. 6	Standard Detail Drawings	
Section No. 7	Sign Plates	
Section No. 8	Structure Plans	
Section No. 9	Computer Earthwork Data	
Section No. 9	Cross Sections	

TOTAL SHEETS =



DESIGN DESIGNATION

A.A.D.T.	2010	=	820
A.A.D.T.	2029	=	1010
D.H.V.		=	95
D.D.		=	60/40
T.		=	13.8%
DESIGN SPEED		=	60 MPH
ESALS		=	5033

CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

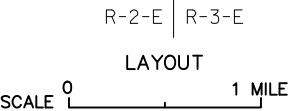
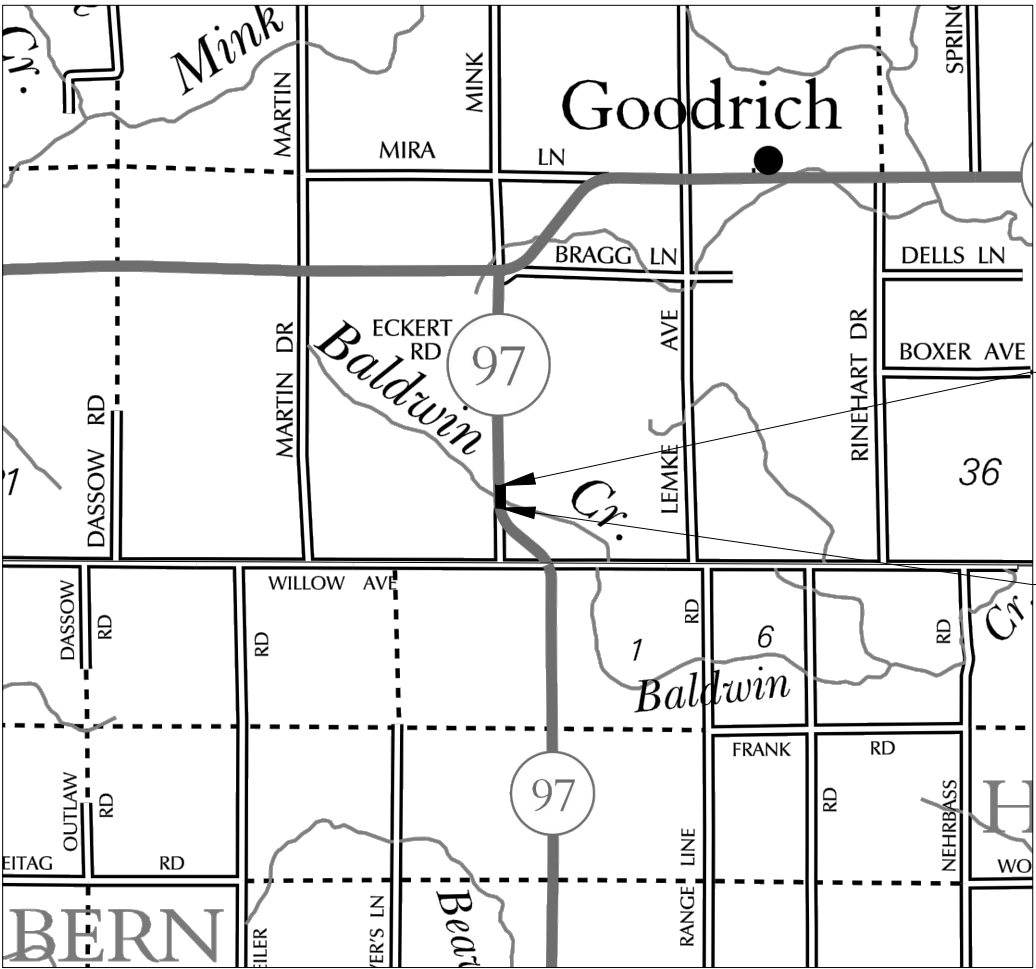
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT

STRATFORD - GOODRICH

BALDWIN CREEK BRIDGE B-60-0062

STH 97
TAYLOR COUNTY

STATE PROJECT NUMBER
9535-00-70



TOTAL NET LENGTH OF CENTERLINE = 0.07

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, COUNTY COUNTY, NAD83 (YEAR), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9535-00-70		

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	GREMMER & ASSOCIATES, INC.
Designer	AARON CHRIST
Project Manager	JESSE LARSON
Regional Examiner	TOU YANG
Regional Supervisor	TARA WEISS
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)

GENERAL NOTES:

DETAILS OF INSTALLATION, MATERIALS, AND WORKMANSHIP NOT SHOWN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, STANDARD DETAILS AND THE MANUAL ON THE UNIFORM TRAFFIC CONTROL DEVICES.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES MEMBERS ARE MEMBERS OF DIGGERS HOTLINE.

THE EROSION CONTROL ITEMS SHOWN ON THE PLAN ARE AT SUGGESTED LOCATIONS. THE ENGINEER MAY MODIFY LOCATIONS AS NEEDED. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL BE PERMITTED IN WETLANDS.

PAVEMENT MARKING SHALL BE EPOXY.

UTILITIES:

TAYLOR COUNTY ELECTRIC COOPERATIVE (ELECTRIC)
N1831 STH 13
MEDFORD, WI 54551
(715) 678-2411

MIDWAY PHONE COMPANY (COMMUNICATION)
202 E. OGDEN
MEDFORD, WI 54551
(715) 748-3500

STATE - DOT/STORM WATER:

DAVID LARSON
718 W. CLAIREMONT
EAU CLAIRE, WI 54701
(715) 836-2067

STATE - DOT/REC:

AMY ADRIHAN
1701 N. 4TH ST.
SUPERIOR, WI 54880
(715) 392-7972

STATE - DNR:

JON SIMONSEN
107 SUTLIFF
RHINELANDER, WI 54501
(715) 365-8916

CONVENTIONAL SYMBOLS AND ABBREVIATIONS			
STATE, COUNTY, or TOWN LINE	=====	ACCESS POINT/ DRIVEWAY CONNECTION AP	
SECTION LINE	=====	ACCESS RIGHTS AR	
QUARTER LINE	=====	ACRES AC.	
SIXTEENTH LINE	=====	AND OTHERS ET.AL.	
PROPOSED REFERENCE LINE		CENTERLINE C/L	
PROPOSED R/W LINE	=====	CERTIFIED SURVEY MAP CSM	
EXISTING H.E. LINE	=====	DOCUMENT DOC.	
PROPERTY LINE	=====	HIGHWAY EASEMENT H.E.	
EASEMENT LINE	=====	LAND CONTRACT LC	
CORPORATE LIMITS		MONUMENT MON.	
EXISTING CENTERLINE	-----	PAGE P.	
LOT & TIE LINES	-----	PERMANENT LIMITED EASEMENT PLE	
UTILITIES		PROPERTY LINE PL	
(TELEPHONE, GAS, ELECTRIC, CABLE, TV, FIBER, OPTIC)		RECORDED AS (100')	
NO ACCESS (BY PREVIOUS ACQUISITION/CONTROL)		REFERENCE LINE R/L	
NO ACCESS (BY ACQUISITION)		REMAINING REM.	
NO ACCESS (BY STATUTORY AUTHORITY)		RIGHT-OF-WAY R/W	
FEE (HATCH VARIES)		SECTION SEC.	
TEMPORARY LIMITED EASEMENT		SQUARE FEET SQ.FT.	
PERMANENT LIMITED EASEMENT		STATION STA.	
PARCEL NUMBER		TEMPORARY LIMITED EASEMENT TLE	
UTILITY PARCEL NUMBER		VOLUME V.	
SIGN NUMBER (OFF PREMISE)		CURVE DATA	
BUILDING		LONG CHORD LCH	LONG CHORD BEARING LCB
FOUND IRON PIPE/PIN		RADIUS R	DEGREE OF CURVE D
R/W MONUMENT		CENTRAL ANGLE OR DELTA DELTA	LENGTH OF CURVE L
R/W STANDARD		TANGENT TAN	NON COMPENSABLE
SIGN		POWER POLE	TELEPHONE POLE
SECTION CORNER SYMBOL		TELEPHONE PEDESTAL	TELEPHONE PEDESTAL

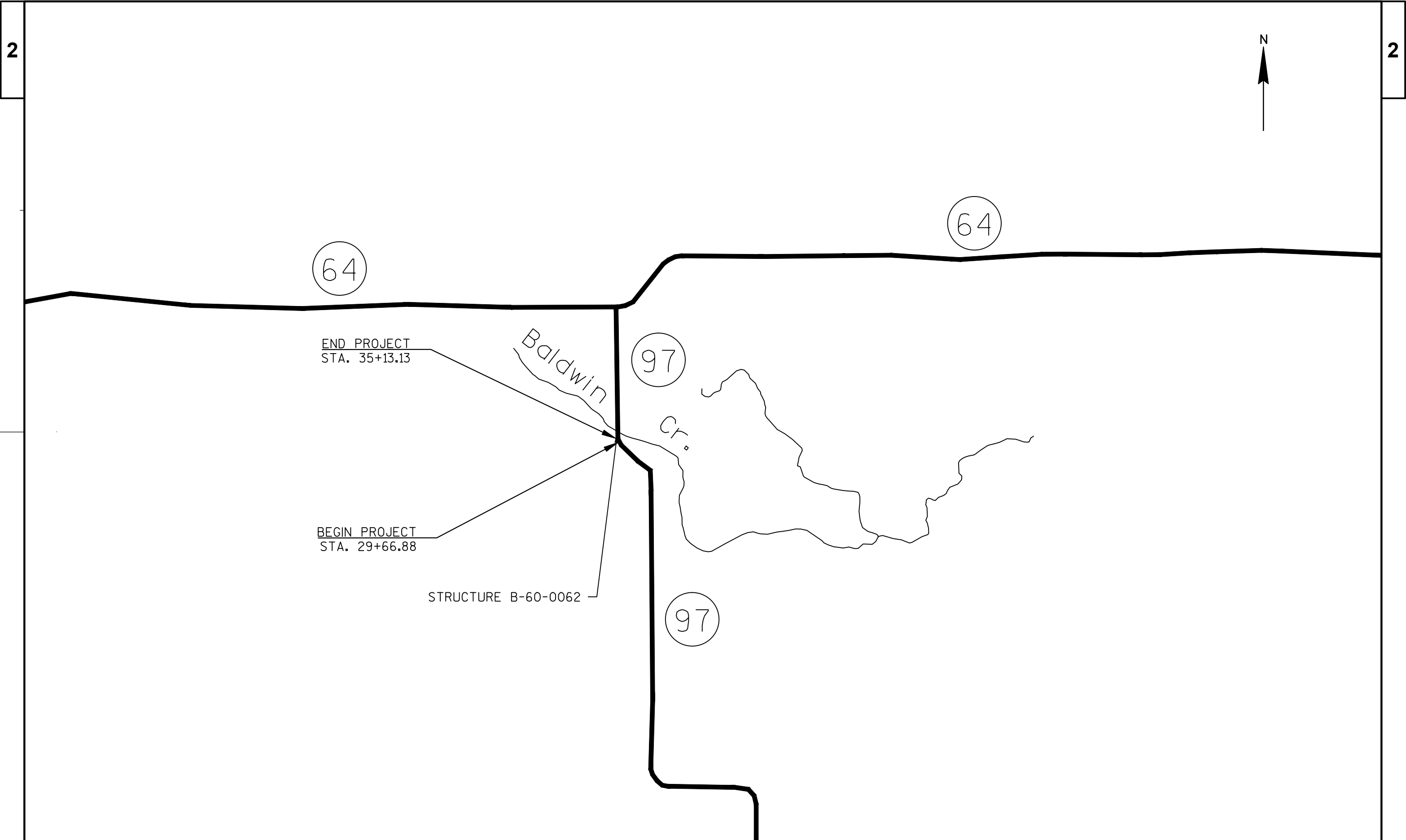
ORDER OF SECTION 2 SHEETS

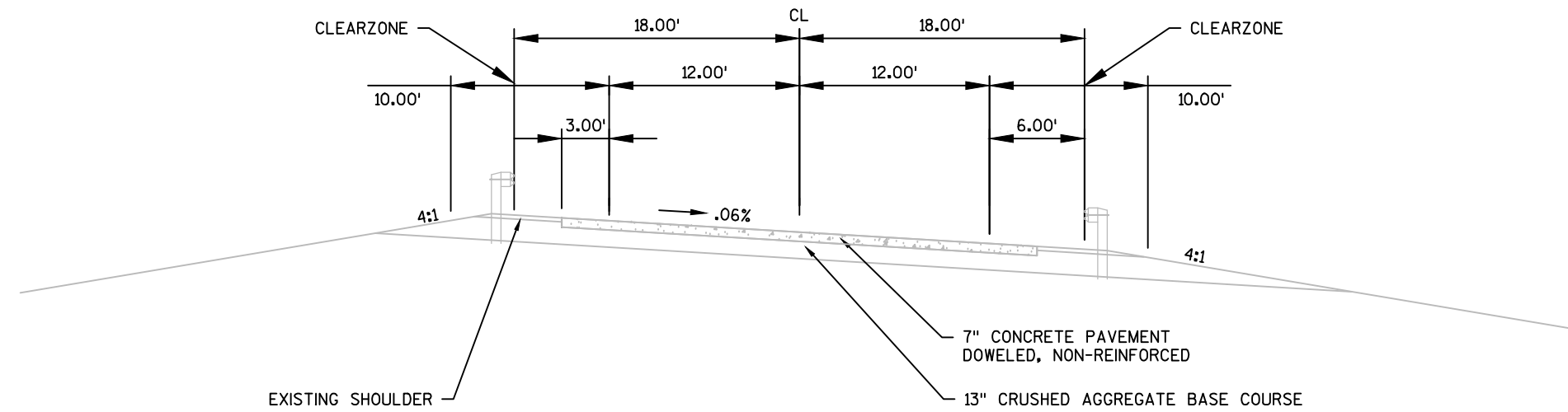
- Project Overview
- Typical Sections
- Construction Details
- Erosion Control
- Signing
- Pavement Marking
- Traffic Control and Construction Staging
- Alignment



Dial 811 or (800)242-8511

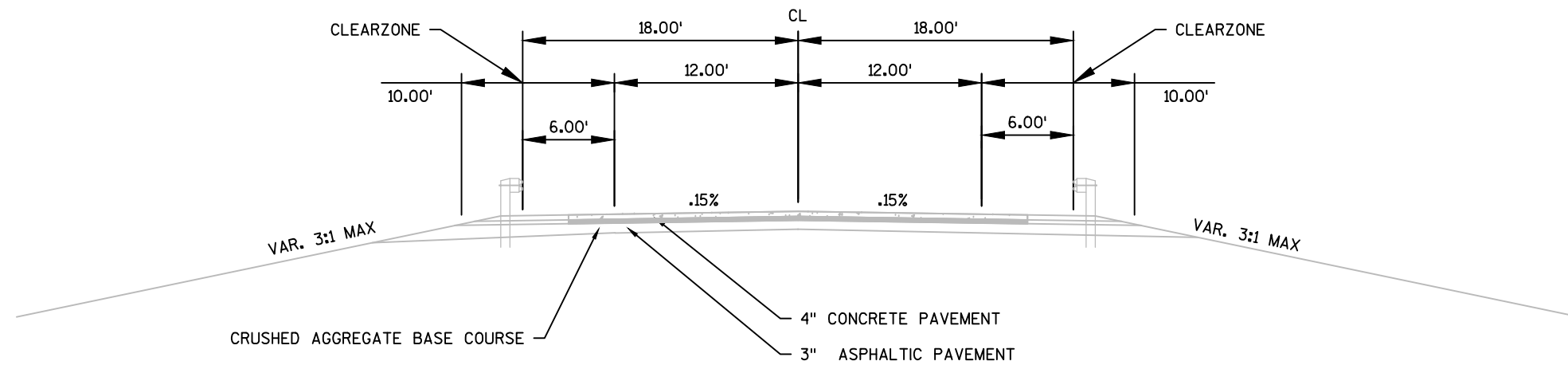
www.DiggersHotline.com





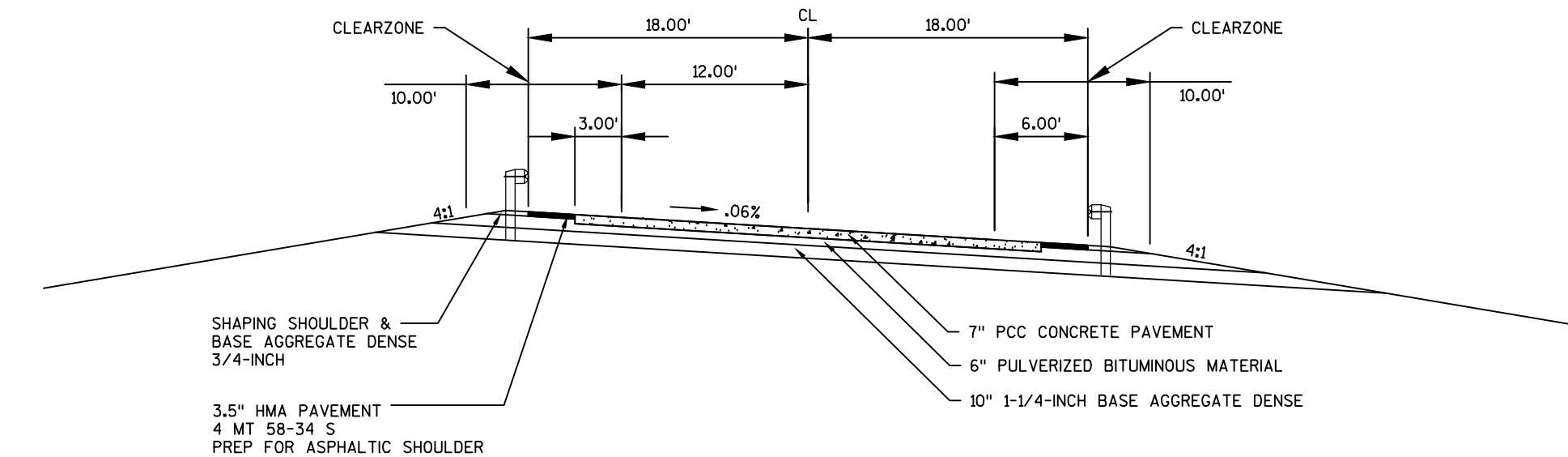
EXISTING TYPICAL SUPERELEVATED
SECTION

STA. 32+09 - STA. 32+50



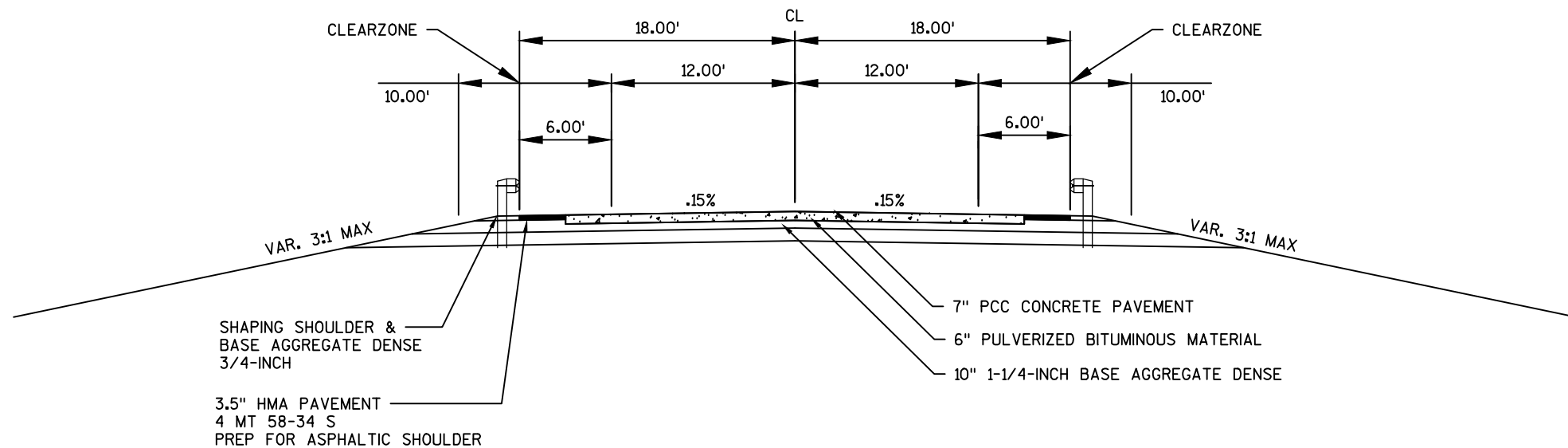
EXISTING TYPICAL SECTION

STA. 32+50 - STA. 32+81



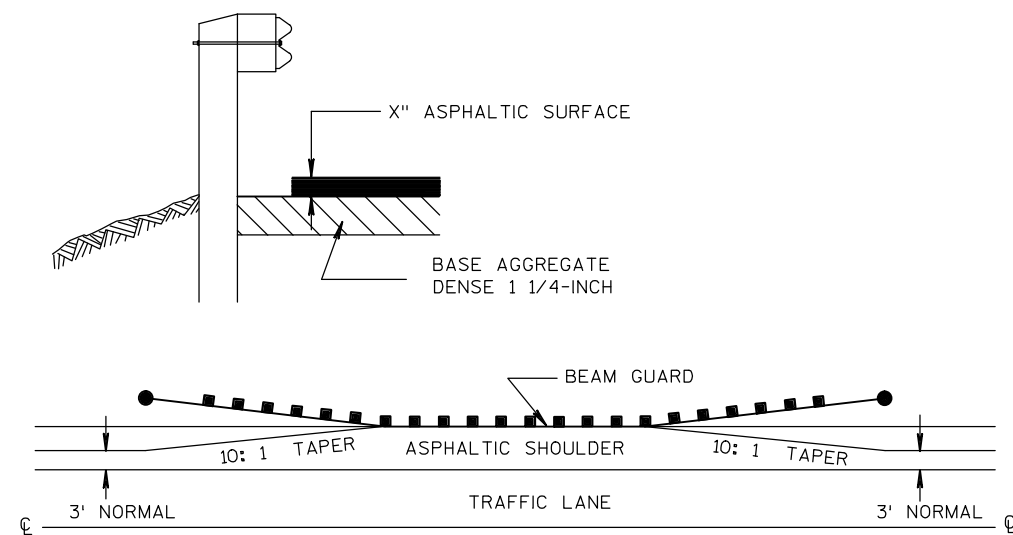
FINISHED TYPICAL SUPERELEVATED
SECTION

STA. 32+09 - STA. 32+50

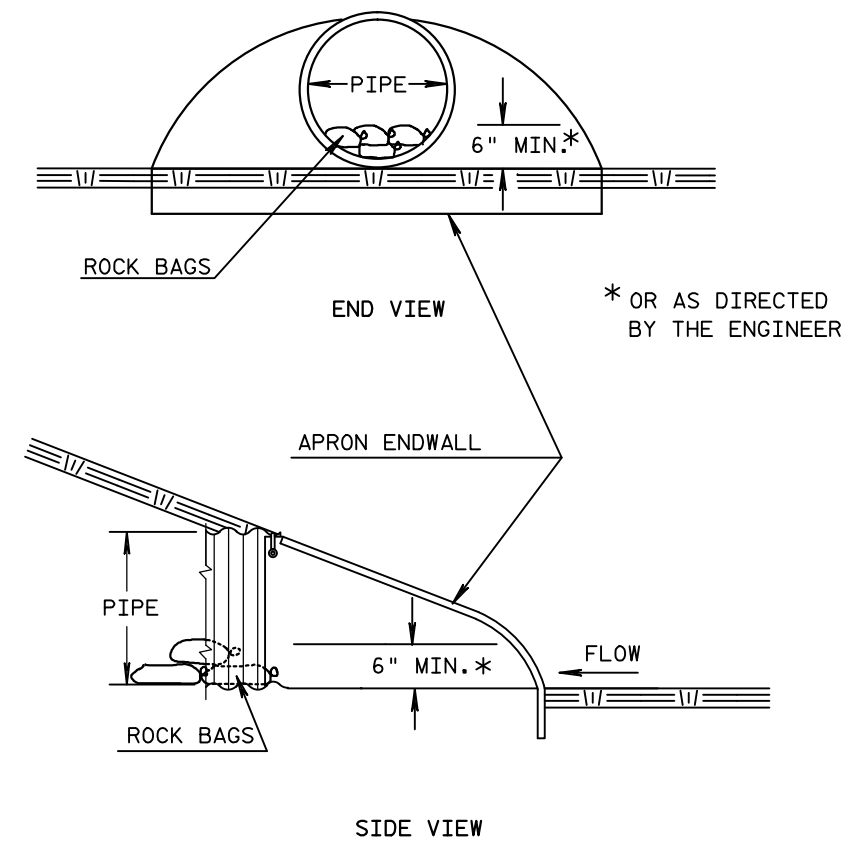


FINISHED TYPICAL SECTION

STA. 32+50 - STA. 32+81



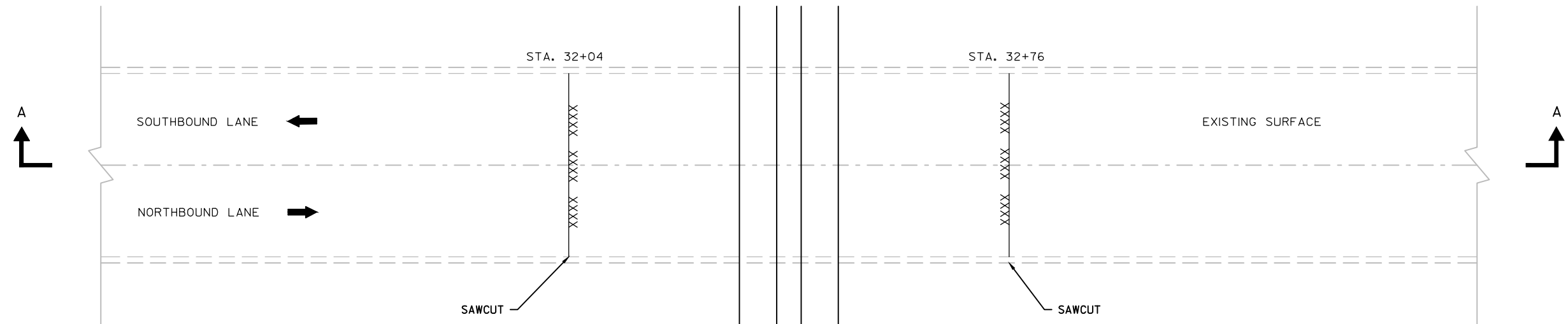
DETAIL FOR ASPHALTIC SHOULDER AT BEAM GUARD



CULVERT PIPE CHECK

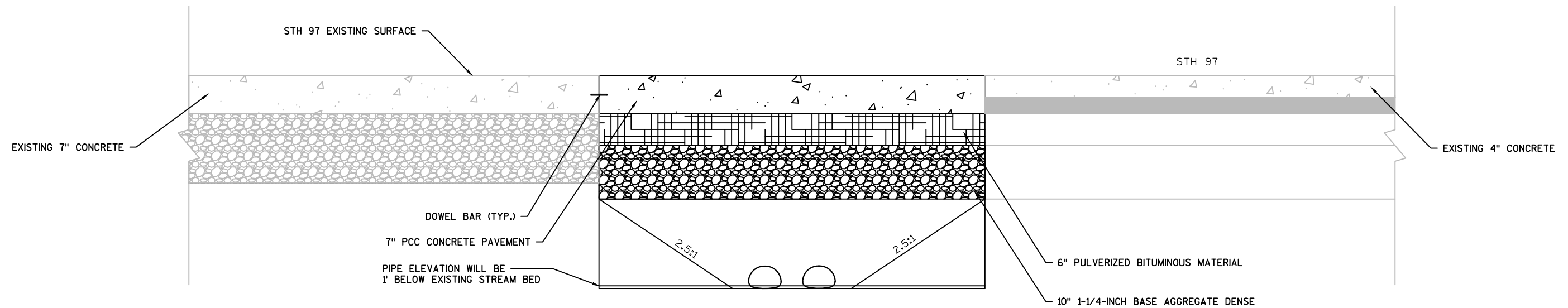
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2

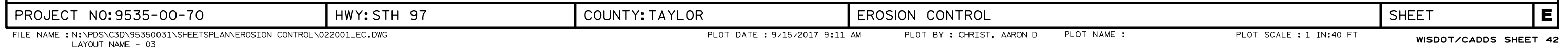


PLAN VIEW

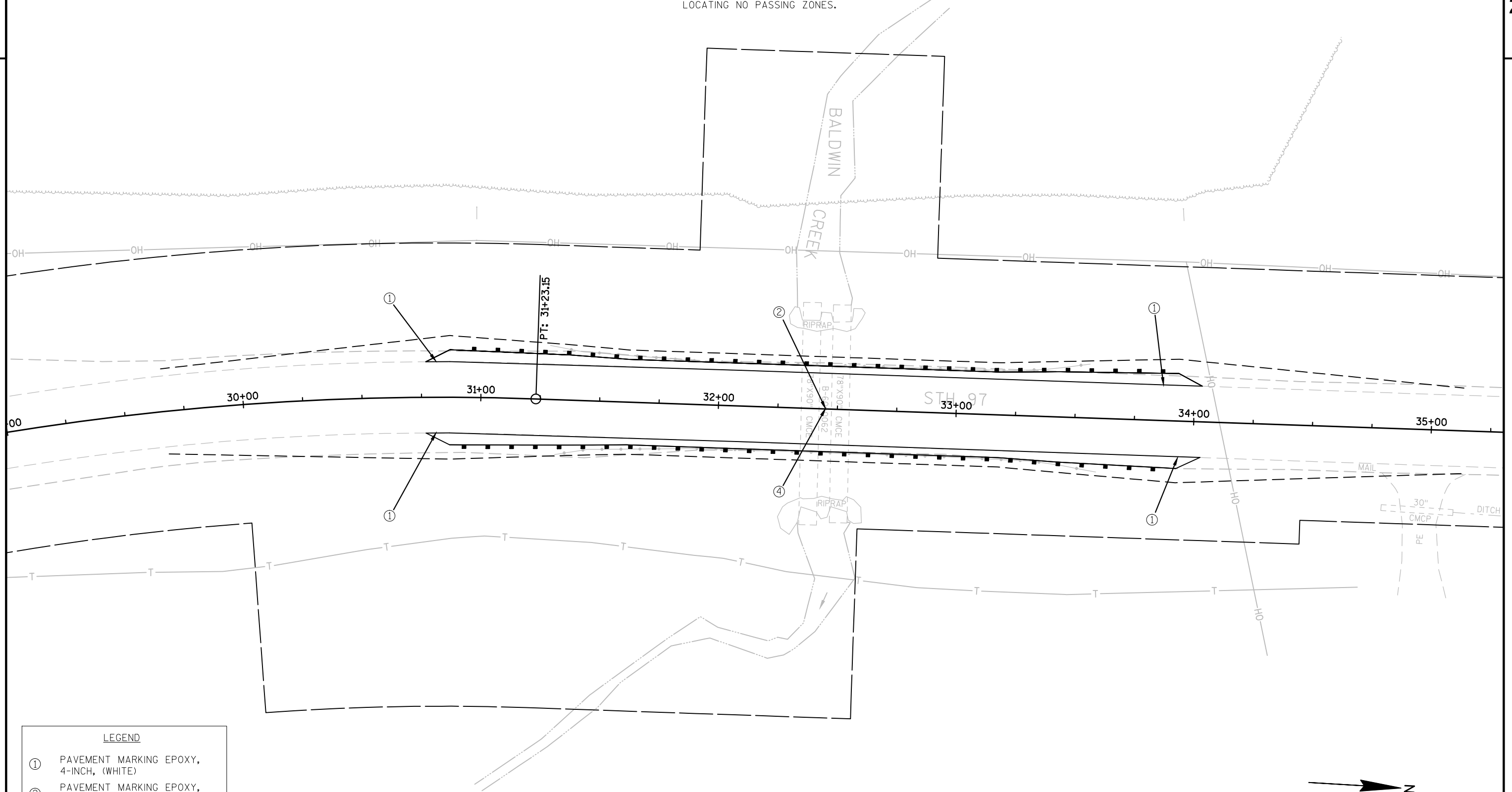
CULVERT PIPE REPLACEMENT DETAIL



SECTION A-A



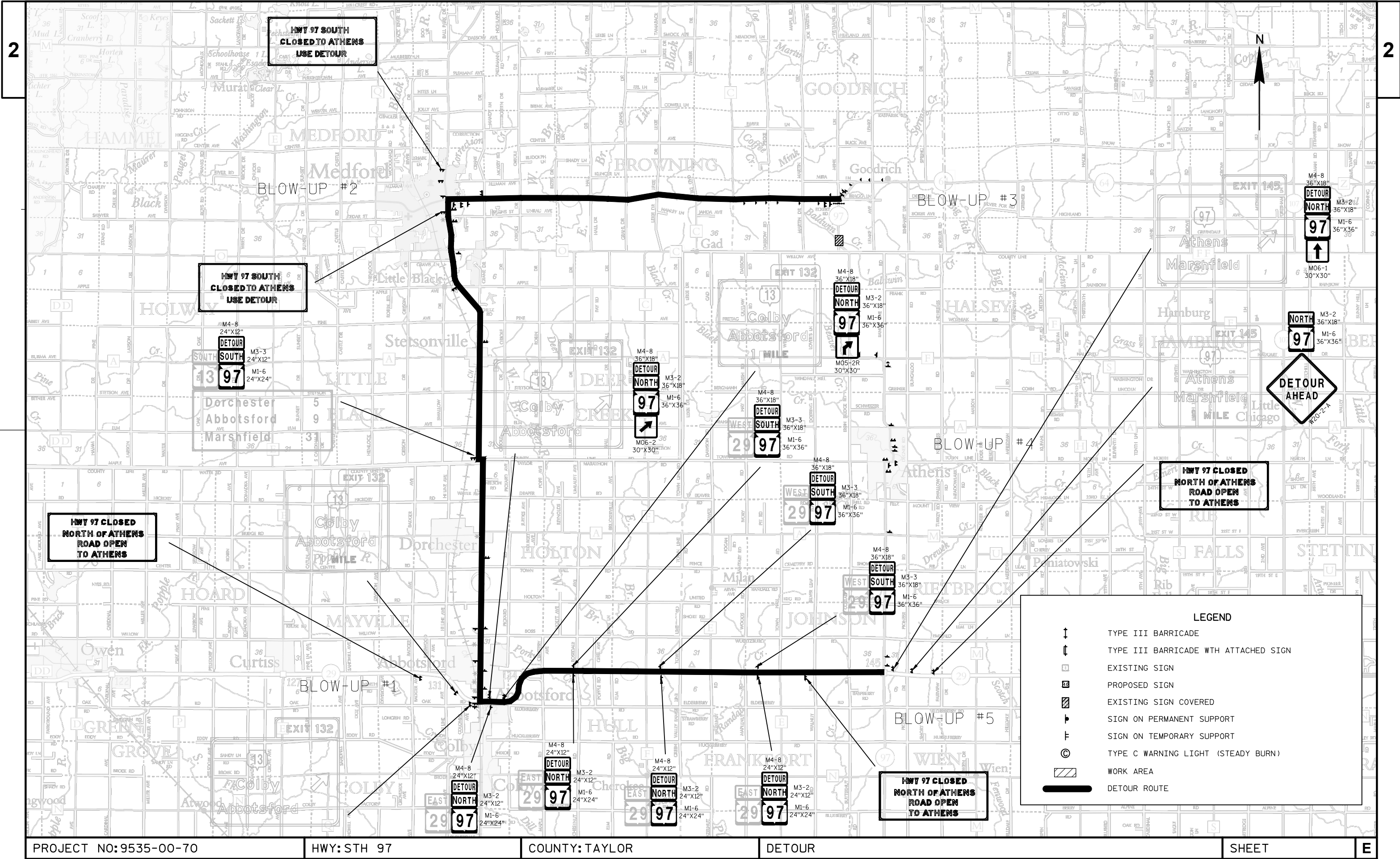
NOTE: CENTERLINE MARKINGS ARE APPROXIMATE AND
"NO PASSING ZONE MARKINGS" WILL BE LOCATED
AND ADJUSTED AS NEEDED UNDER BID ITEM 648.0100
LOCATING NO PASSING ZONES.



LEGEND

- ① PAVEMENT MARKING EPOXY, 4-INCH, (WHITE)
- ② PAVEMENT MARKING EPOXY, 4-INCH, (YELLOW)
- ③ PAVEMENT MARKING EPOXY, 4-INCH, (DOUBLE YELLOW)
- ④ PAVEMENT MARKING EPOXY, 4-INCH, (YELLOW SKIP)





PROJECT NO:9535-00-70

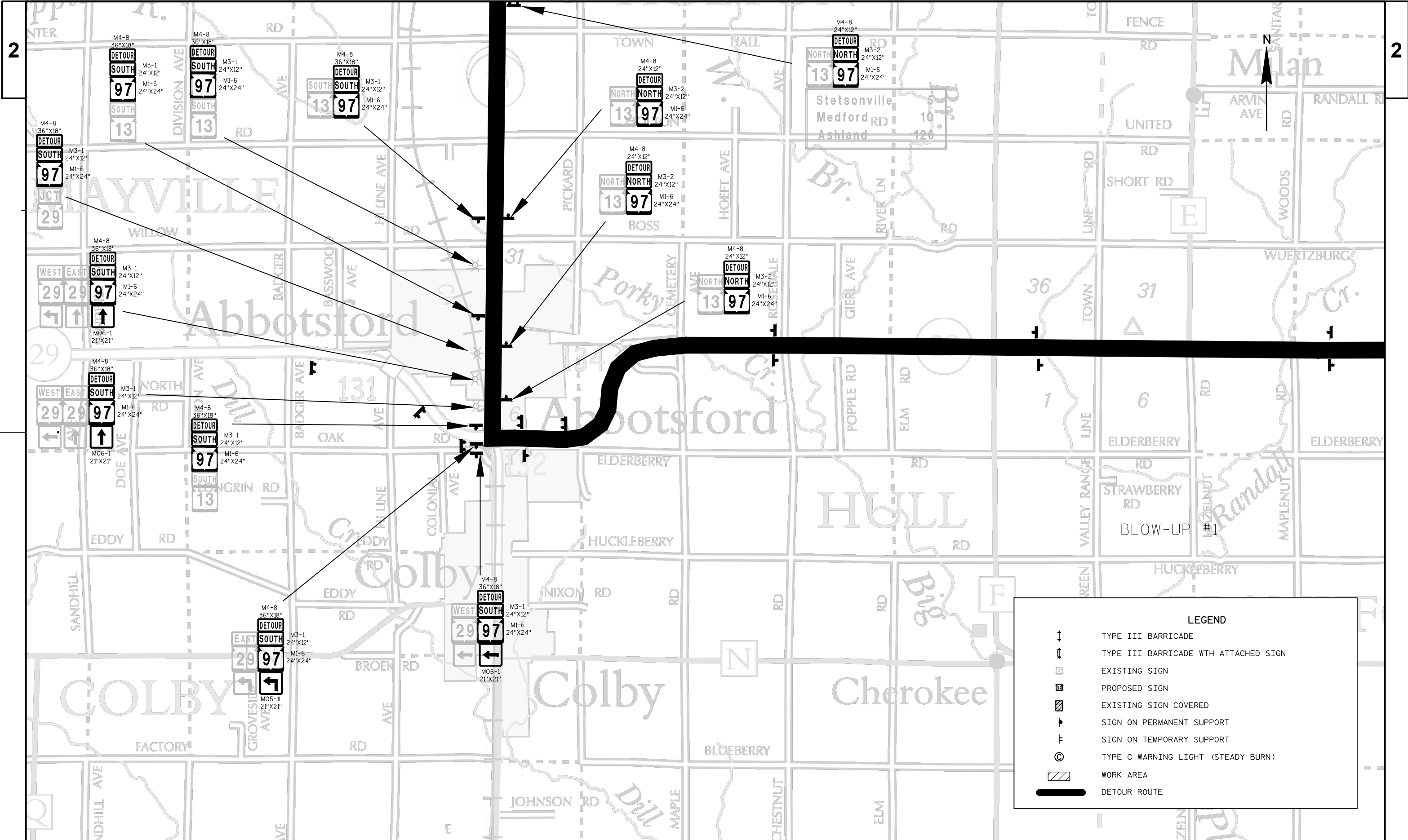
HWY:STH 97

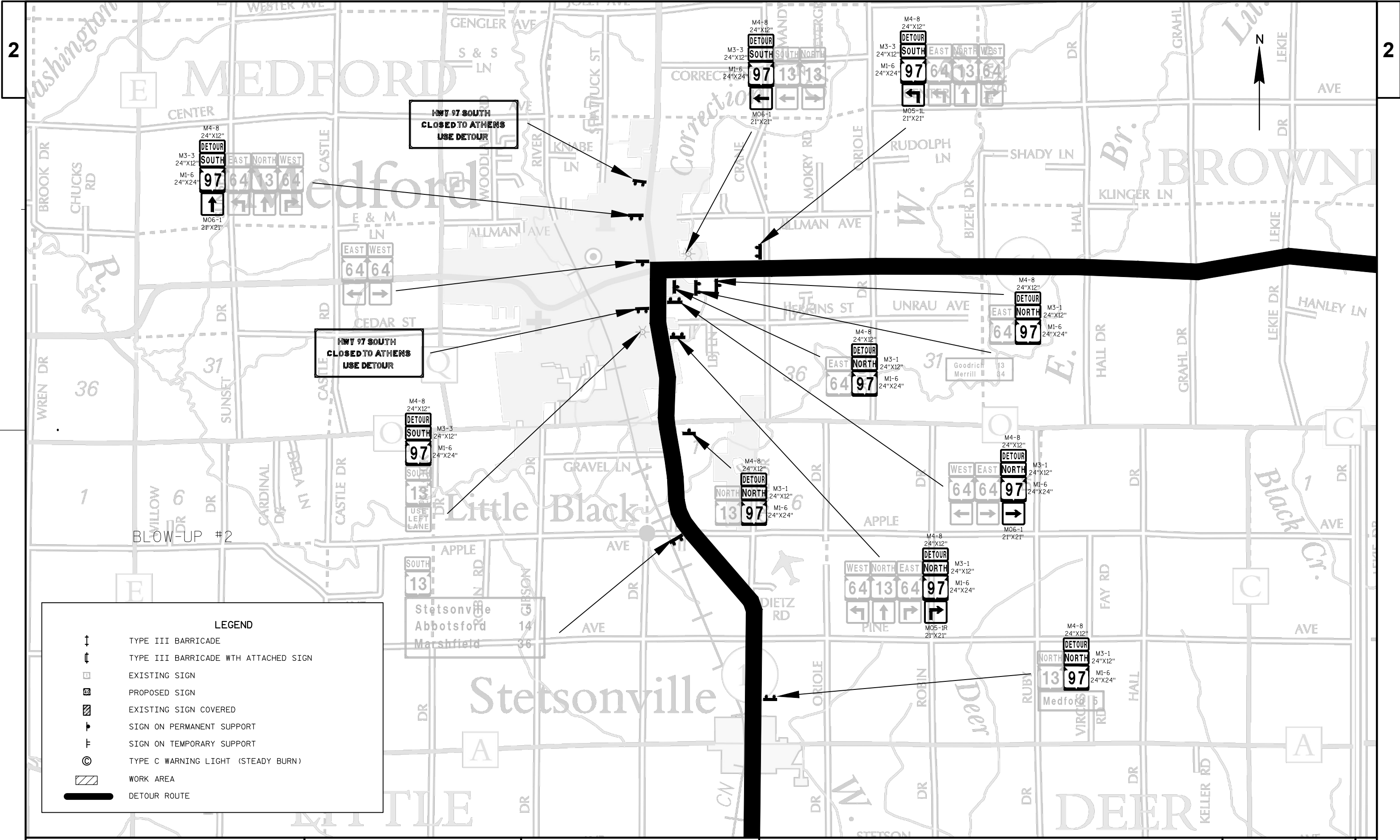
COUNTY:TAYLOR

DETOUR

SHEET

E





PROJECT NO: 9535-00-70

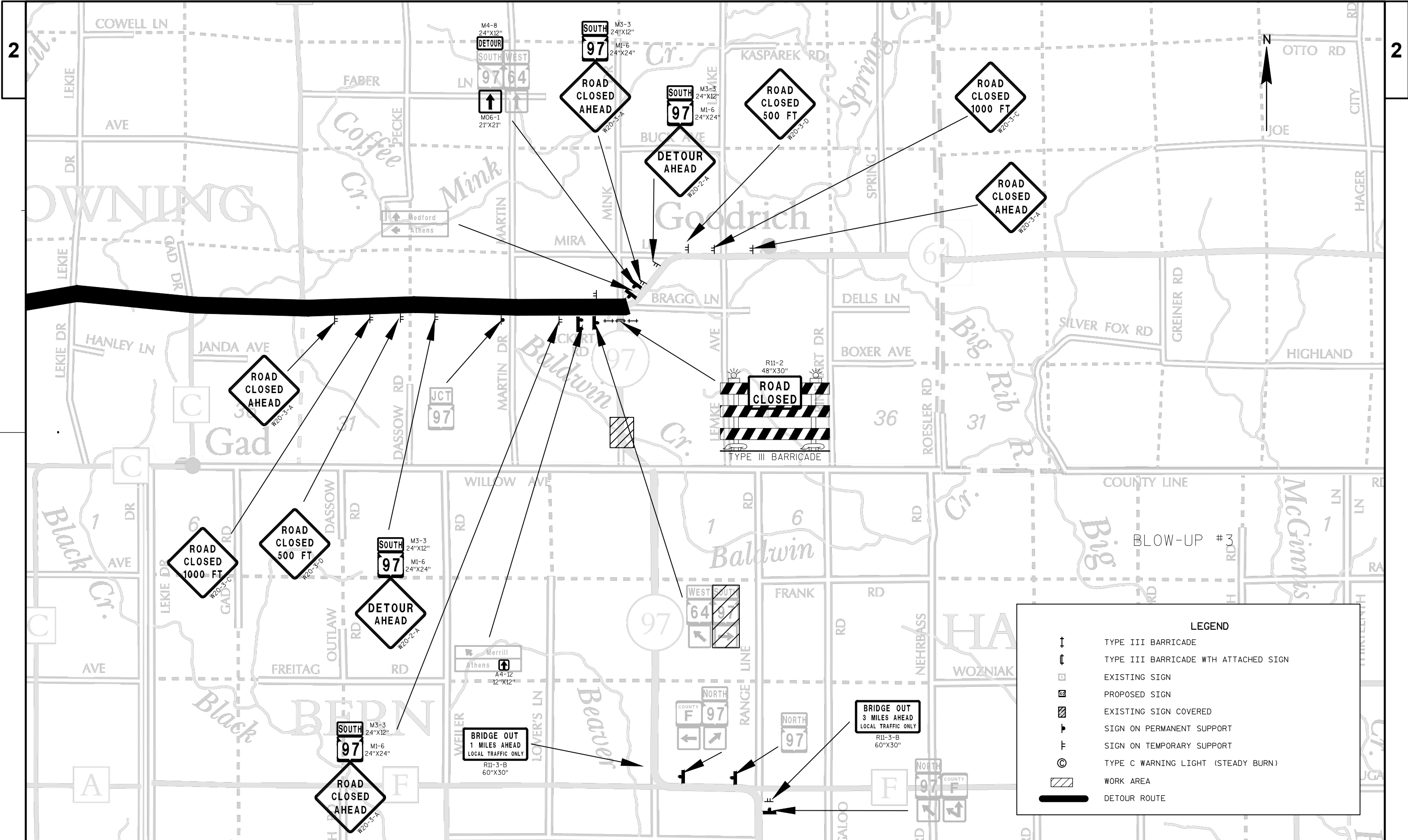
HWY: STH 97

COUNTY: TAYLOR

BLOW-UP #2

SHEET

E



PROJECT NO: 9535-00-70

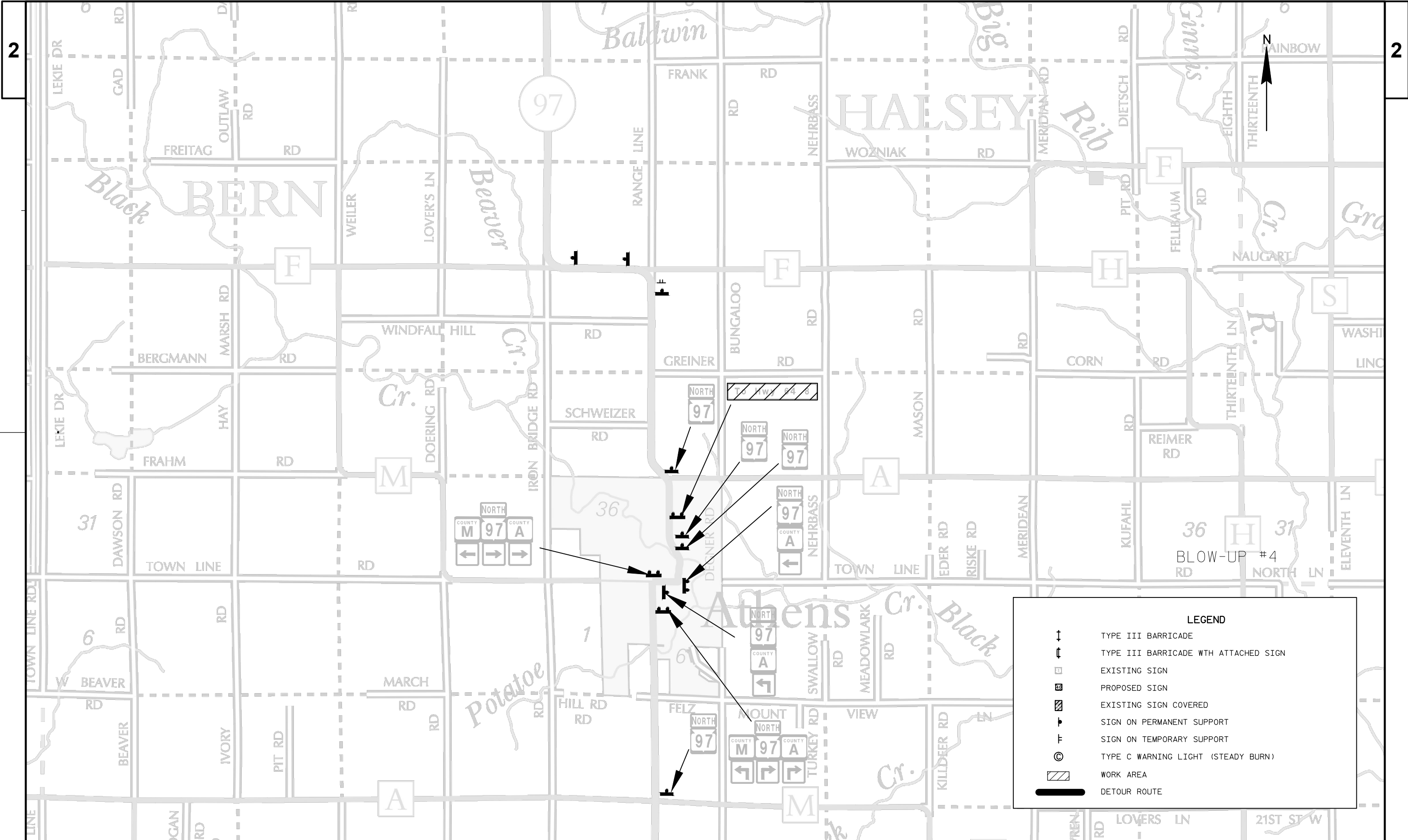
HWY: STH 97

COUNTY: TAYLOR

BLOW-UP #3

SHEET

E



PROJECT NO:9535-00-70

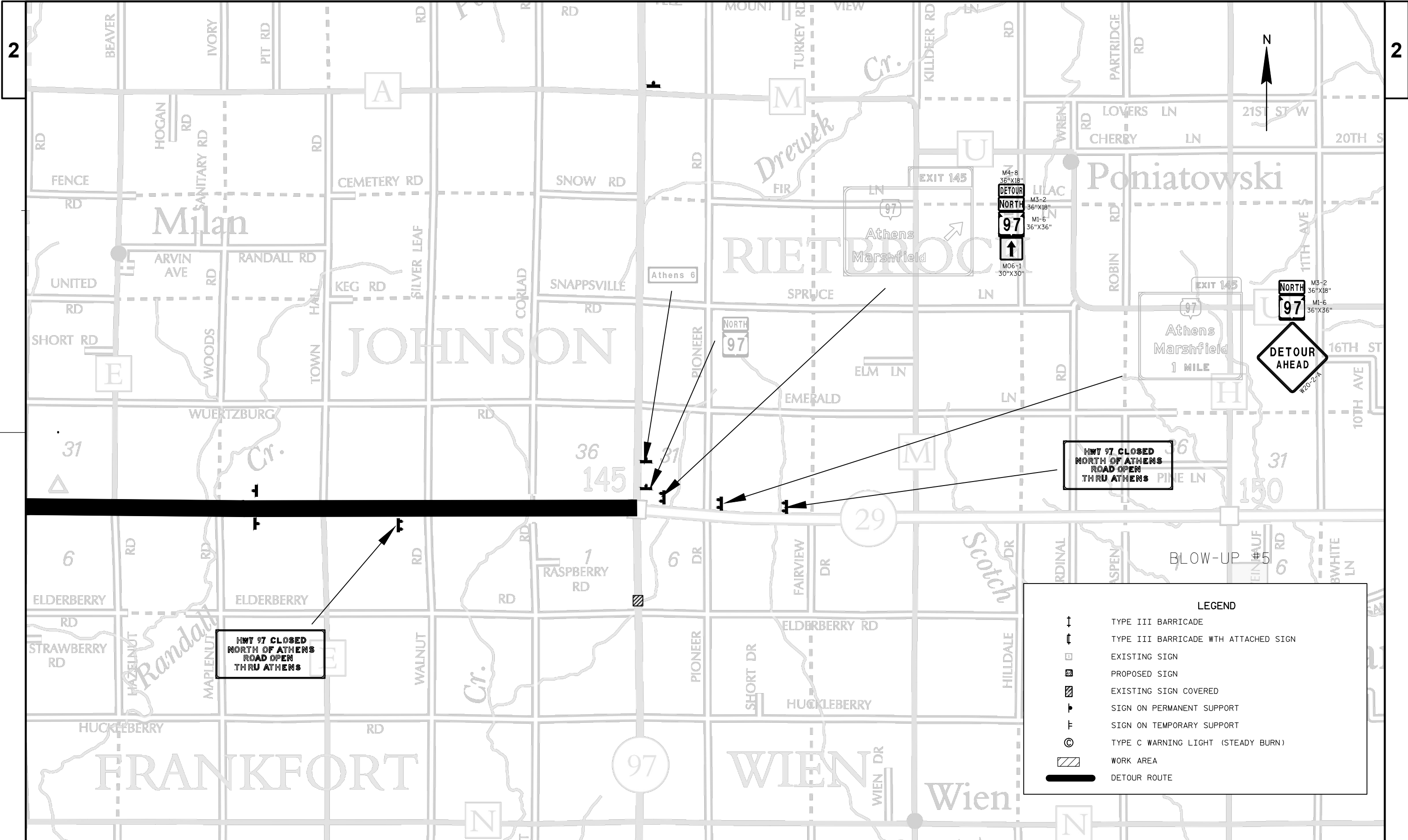
HWY:STH 97

COUNTY:TAYLOR

BLOW-UP #4

SHEET

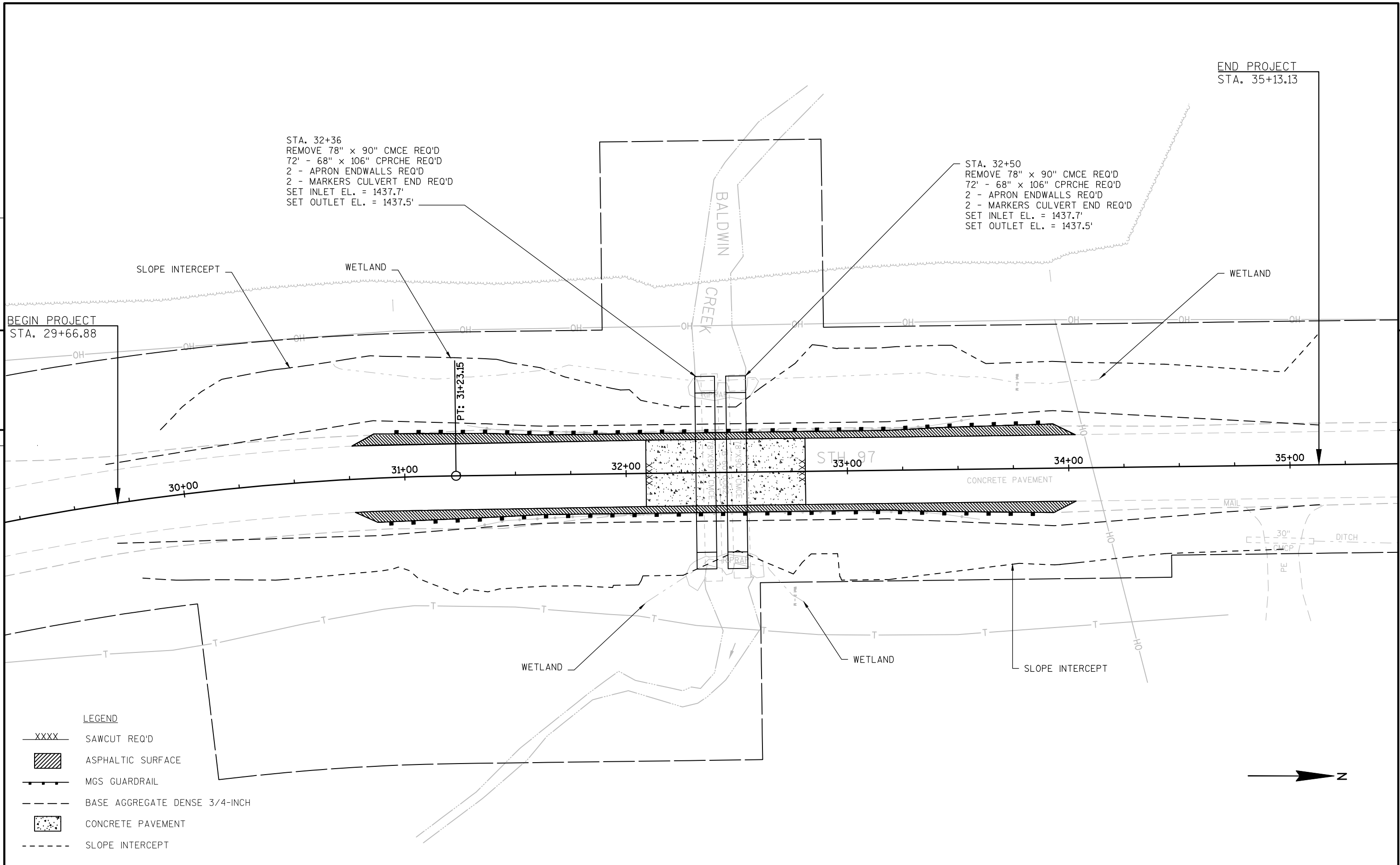
E



Alignment: STH97
Description: STH 97
Layer: P_ALI_20

Tangent	N	333180.806 E	712582.4 Z	Station	14+00
	Distance	744.573'	Bearing N 50° 19' 35.16 W"		
Arc	PC N	333656.151 E	712009.3	Station	21+44.57
	CC N	334538.156 E	712740.9		
	PI N	333988.997 E	711608	Station	26+65.94
	TAN	521.364'			
	DB	N 50° 19' 35.16 W"			
	DA	N 1° 23' 51.43 W"			
	LChord Distance	949.111'	Bearing N 25° 51' 43.3 W"		
	External Distance	113.030'			
	Middle Ordinate	102.882'			
	Radius	1145.916'			
	DEG	5° 0' 0"			
	DELTA	48° 55' 43.73"			
	LENGTH	978.576'			
	PT N	334510.206 E	711595.3	Station	31+23.15
Tangent	N	334510.206 E	711595.3 Z	Station	31+23.15
	Distance	726.850'	Bearing N 1° 23' 51.43 W"		
End	N	335236.84 E	711577.6 Z	Station	38+50

Alignment Length = 2450.00'



REMOVING OLD STRUCTURE (32+40)

CATEGORY	STATION	LOCATION	203.0200 LS
0010	32+04		1
TOTAL 0010			1

EXCAVATION FOR STRUCTURES CULVERTS (B-60-138)

CATEGORY	STATION	LOCATION	206.2000 LS
0010	32+50		1
TOTAL 0010			1

REMOVING PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 SY
0010	32+04	-	32+76		240
				TOTAL 0010	240

COFFERDAMS (B-60-138)

CATEGORY	STATION	LOCATION	206.5000 LS
0010	32+50		1
TOTAL 0010			1

PREPARE FOUNDATION FOR BASE AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	211.0500 STA
0010	32+04	-	32+76		1
TOTAL 0010					1

FINISHING ROADWAY (9535-00-70)

CATEGORY	STATION	TO	STATION	LOCATION	213.0100 EACH
0010	32+04	-	32+76		1
TOTAL 0010					1

BASE AGGREGATE DENSE 1 1/4-INCH

CATEGORY	STATION	TO	STATION	LOCATION	305.0120 TON
0010	32+04	-	32+76	LT	121
0010	32+04	-	32+76	RT	121
TOTAL 0010					242

DRILLED DOWEL BARS

CATEGORY	STATION	LOCATION	416.0620 EACH
0010	32+81	LT	11
0010	32+81	RT	11
TOTAL 0010			22

CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 68X106-INCH

CATEGORY	STATION	TO	STATION	LOCATION	523.0168 LF
0010	32+50				72
0010	32+50				72
TOTAL 0010					144

BASE AGGREGATE DENSE 3/4-INCH

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 TON
0010	29+67	-	35+00	LT	45
0010	29+67	-	34+80	RT	54
TOTAL 0010					100

CONCRETE PAVEMENT 7-INCH

CATEGORY	STATION	TO	STATION	LOCATION	415.0070 SY
0010	32+04	-	32+76		240
TOTAL 0010					240

HMA PAVEMENT 4 MT 58-34 S

CATEGORY	STATION	TO	STATION	LOCATION	460.6244 TON
0010	30+87	-	33+93	LT	28
0010	30+87	-	33+93	RT	28
TOTAL 0010					55

APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 68X106-INCH

CATEGORY	STATION	LOCATION	523.0568 EACH	REMARKS
0010	32+40		2	Pipe #1
0010	32+40		2	Pipe #2
TOTAL 0010			4	

SALVAGED RAIL

CATEGORY	STATION	TO	STATION	LOCATION	614.0920 LF
0010	31+60	-	33+20	LT	155
0010	31+60	-	33+20	RT	155
TOTAL 0010					310

MGS GUARDRAIL 3

CATEGORY	STATION	TO	STATION	LOCATION	614.2300 LF
0010	30+87	-	33+93		150
0010	30+87	-	33+93		150
TOTAL 0010					300

BARRIER SYSTEM GRADING SHAPING FINISHING

CATEGORY	STATION	TO	STATION	LOCATION	614.0010 EACH	* BORROW CY	* COMMON CY	* SALVAGED TOPSOIL SY	* MULCHING SY	* FERTILIZER TYPE B CWT	* SEEDING MIX NO. 30 LB	* 628.2004 EROSION MAT CLASS I, TYPE B SY
0010	29+94	-	32+26	LT	1	214	109	619	619	0.50	14	245
0010	29+76	-	32+13	RT	1	57	91	632	632	0.50	13	228
0010	32+56	-	35+13	LT	1	143	147	685	685	0.50	14	245
0010	32+68	-	34+76	RT	1	89	115	555	555	0.50	13	228
TOTAL 0010					4	503	462	2491	2491	2	54	946

* INFORMATIONAL ONLY
** EROSION MAT IS ALSO INCLUDED IN EROSION MAT TABLE

MGS GUARDRAIL TERMINAL EAT

CATEGORY	STATION	LOCATION	614.2610 EACH
0010	30+87	LT	1
0010	30+87	RT	1
0010	33+93	LT	1
0010	33+93	RT	1
TOTAL 0010			4

MAINTENANCE AND REPAIR OF HAUL ROADS (9535-00-70)

CATEGORY	STATION	TO	STATION	LOCATION	618.0100 EACH
0010	32+04	-	32+76		1
TOTAL 0010					1

MOBILIZATION

CATEGORY	STATION	LOCATION	619.1000 EACH
0010	PROJECT		1
TOTAL 0010			1

SILT FENCE

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 LF
0010	28+50	-	36+00	LT	570
0010	28+50	-	34+20	RT	515
TOTAL 0010					1085

MOBILIZATIONS EROSION CONTROL

CATEGORY	STATION	LOCATION	628.1905 EACH
0010	PROJECT		1
TOTAL 0010			1

MULCHING

CATEGORY	STATION	TO	STATION	LOCATION	627.0200 SY
0010	29+94	-	32+26	LT	619
0010	29+76	-	32+13	RT	632
0010	32+56	-	35+13	LT	685
0010	32+68	-	34+76	RT	555
TOTAL 0010					2491

SILT FENCE MAINTENANCE

CATEGORY	STATION	TO	STATION	LOCATION	628.1520 LF
0010	28+50	-	36+00	LT	570
0010	28+50	-	34+20	RT	515
TOTAL 0010					1085

MOBILIZATIONS EMERGENCY EROSION CONTROL

CATEGORY	STATION	LOCATION	628.1910 EACH
0010	PROJECT		1
TOTAL 0010			1

EROSION MAT CLASS I TYPE B

CATEGORY	STATION	TO	STATION	LOCATION	628.2004 SY
0010	29+67	-	35+13	LT	490
0010	29+68	-	34+20	RT	455
TOTAL 0010					945

ROCK BAGS

CATEGOR Y	STATION	LOCATION	628.7570 EACH
0010	32+36	LT	6
0010	32+50	LT	6
TOTAL 0010			12

MARKERS CULVERT END

CATEGORY	STATION	LOCATION	633.5200 EACH
0010	32+40		4
TOTAL 0010			4

TRAFFIC CONTROL (9535-00-70)

CATEGORY	STATION	TO	STATION	LOCATION	643.0100 EACH
0010	32+04	-	32+76		1
TOTAL 0010					1

EROSION MAT URBAN CLASS I TYPE B

CATEGORY	STATION	TO	STATION	LOCATION	628.2008 SY
0010	29+94	-	32+26	LT	220
0010	29+76	-	32+13	RT	216
0010	32+56	-	35+13	LT	239
0010	32+68	-	34+76	RT	188
TOTAL 0010					863

SEEDING TEMPORARY

CATEGORY	STATION	TO	STATION	LOCATION	630.0200 LB
0010	29+67	-	35+13	LT	40
0010	29+67	-	34+76	RT	43
TOTAL 0010					82

FIELD OFFICE TYPE B

CATEGORY	STATION	LOCATION	642.5001 EACH
0010	PROJECT		1
TOTAL 0010			1

TRAFFIC CONTROL DRUMS

CATEGORY	STATION	TO	STATION	LOCATION	643.0300 DAY
0010	32+04	-	32+76		200
				TOTAL 0010	200

TRAFFIC CONTROL BARRICADES TYPE III

CATEGORY	STATION	TO	STATION	LOCATION	643.0420 DAY
0010	32+04	-	32+76		35
				TOTAL 0010	35

TRAFFIC CONTROL WARNING LIGHTS TYPE C

CATEGORY	STATION	TO	STATION	LOCATION	643.0715 DAY
0010	32+04	-	32+76	PROJECT	70
				TOTAL 0010	70

TRAFFIC CONTROL SIGNS

CATEGORY	STATION	TO	STATION	LOCATION	643.0900 DAY
0010	32+04	-	32+76		5005
				TOTAL 0010	5005

TRAFFIC CONTROL COVERING SIGNS TYPE II

CATEGORY	STATION	LOCATION	643.0920 EACH
0010	PROJECT		3
		TOTAL 0010	3

TRAFFIC CONTROL SIGNS FIXED MESSAGE

CATEGORY	LOCATION	643.1000 SF
0010	DETOUR	22.75
0010	DETOUR	22.75
0010	DETOUR	22.75
0010	DETOUR	22.75
0010	DETOUR	22.75
TOTAL 0010		113.75

PAVEMENT MARKING EPOXY 4-INCH

CATEGORY	STATION	TO	STATION	LOCATION	646.0106 LF	REMARKS
0010	30+87	-	33+93		306	LEFT EDGE LINE
0010	30+87	-	33+93		306	RIGHT EDGE LINE
0010	32+04	-	32+76		97	CENTERLINE (SOLID - SKIP)
				TOTAL 0010	709	

LOCATING NO-PASSING ZONES

CATEGORY	STATION	LOCATION	648.0100 MI
0010	PROJECT		0.07
TOTAL 0010			0.07

CONSTRUCTION STAKING BASE

CATEGORY	STATION	TO	STATION	LOCATION	650.5000 LF
0010	30+87	-	33+93		306
TOTAL 0010					306

CONSTRUCTION STAKING RESURFACING REFERENCE

CATEGORY	STATION	TO	STATION	LOCATION	650.8000 LF
0010	30+87	-	33+93		306
TOTAL 0010					306

CONSTRUCTION STAKING SLOPE STAKES

CATEGORY	STATION	TO	STATION	LOCATION	650.9920 LF
0010	30+87	-	33+93		306
TOTAL 0010					306

CONSTRUCTION STAKING SUBGRADE

CATEGORY	STATION	TO	STATION	LOCATION	650.4500 LF
0010	30+87	-	33+93		306
				TOTAL 0010	306

CONSTRUCTION STAKING STRUCTURE LAYOUT (B-60-138)

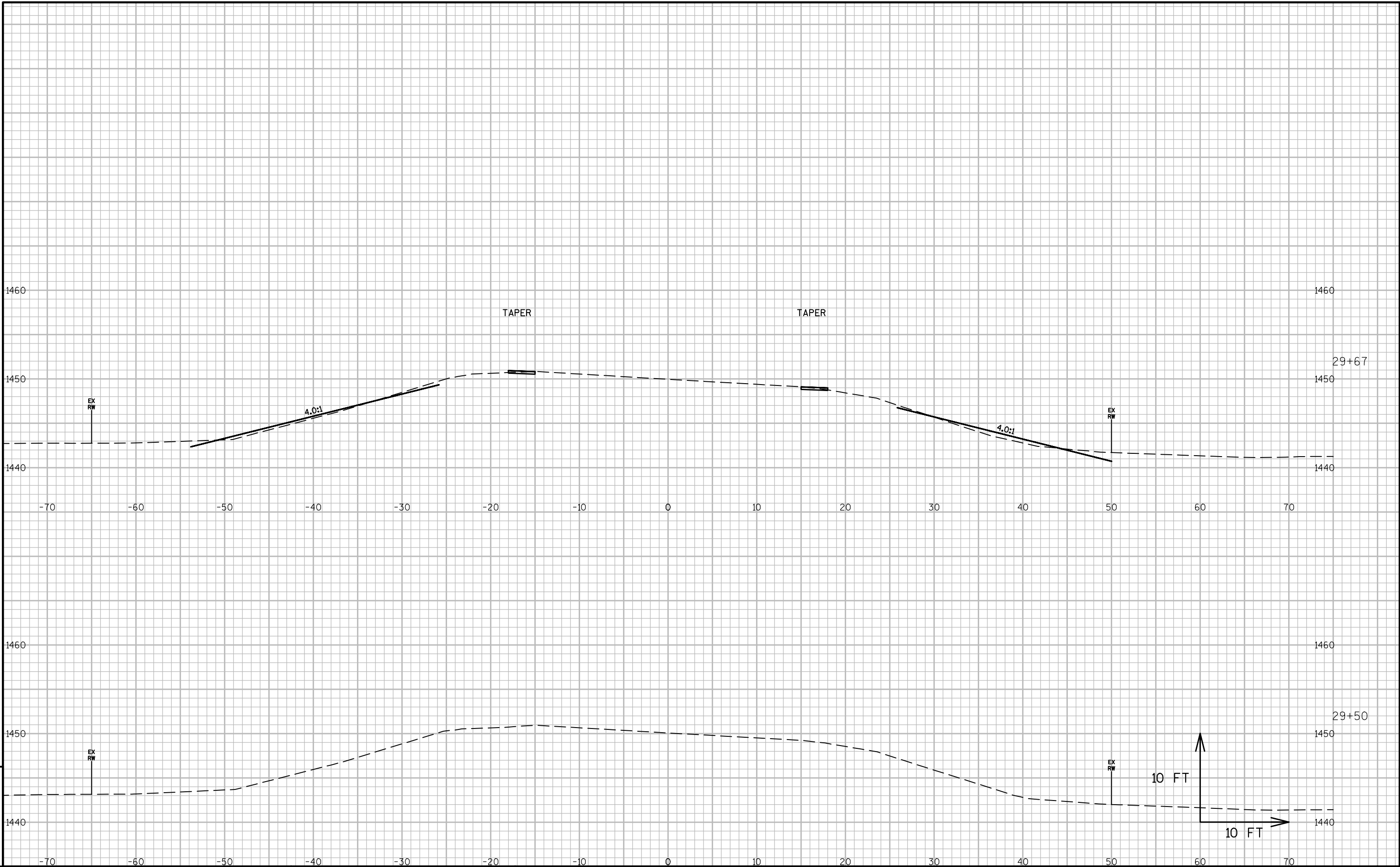
CATEGORY	STATION	LOCATION	650.6500 LS
0010	32+50		1
TOTAL 0010			1

CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (9535-00-70)

CATEGORY	STATION	TO	STATION	LOCATION	650.9910 LS
0010	30+87	-	33+93		1
				TOTAL 0010	1

SAWING CONCRETE

CATEGORY	STATION	LOCATION	690.0250 LF
0010	32+04		30
0010	32+76		30
TOTAL 0010			60



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