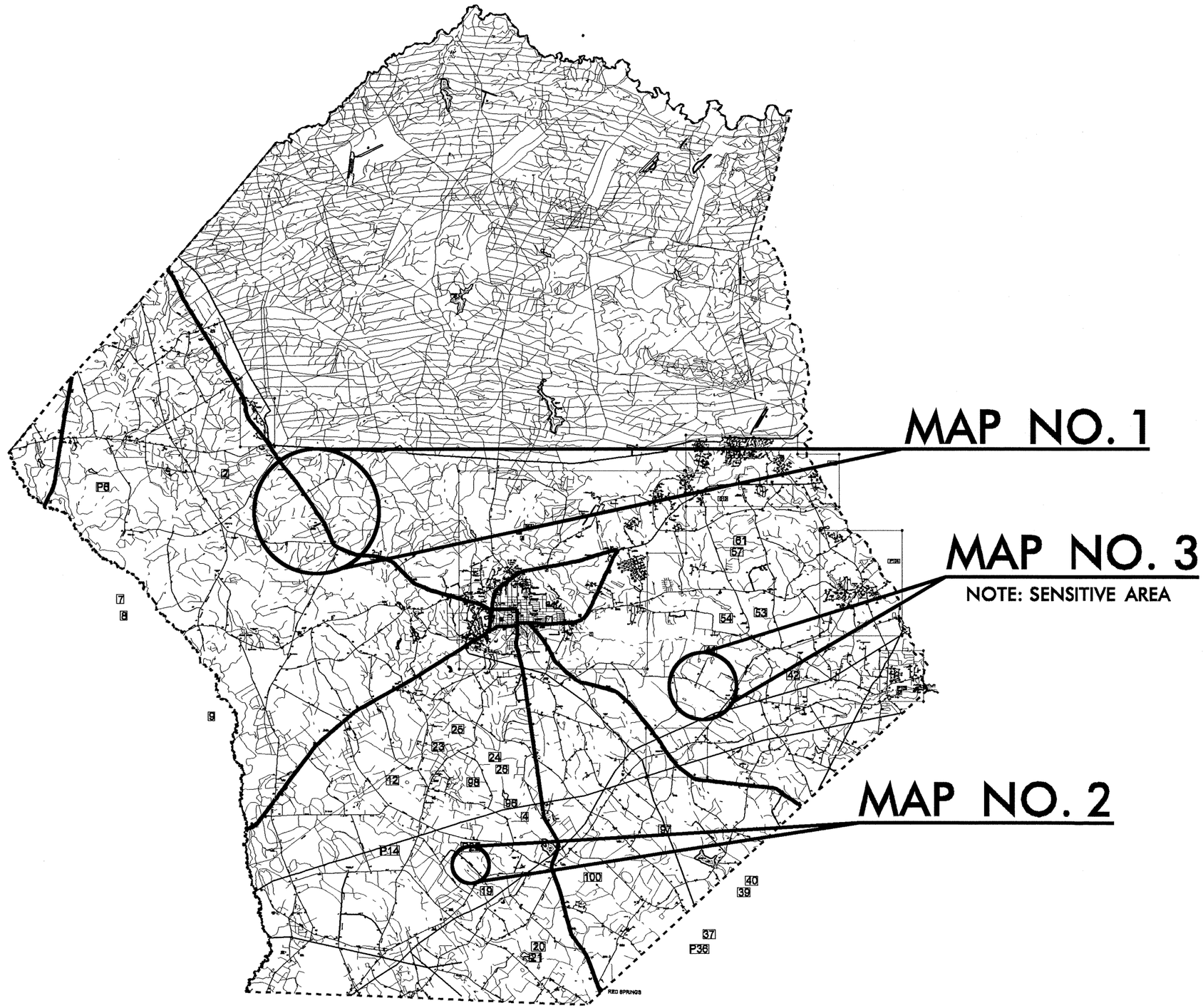
PROJECT REFERENCE NO.	SHEET NO.
8.104711, ETC.	1



5/28/99

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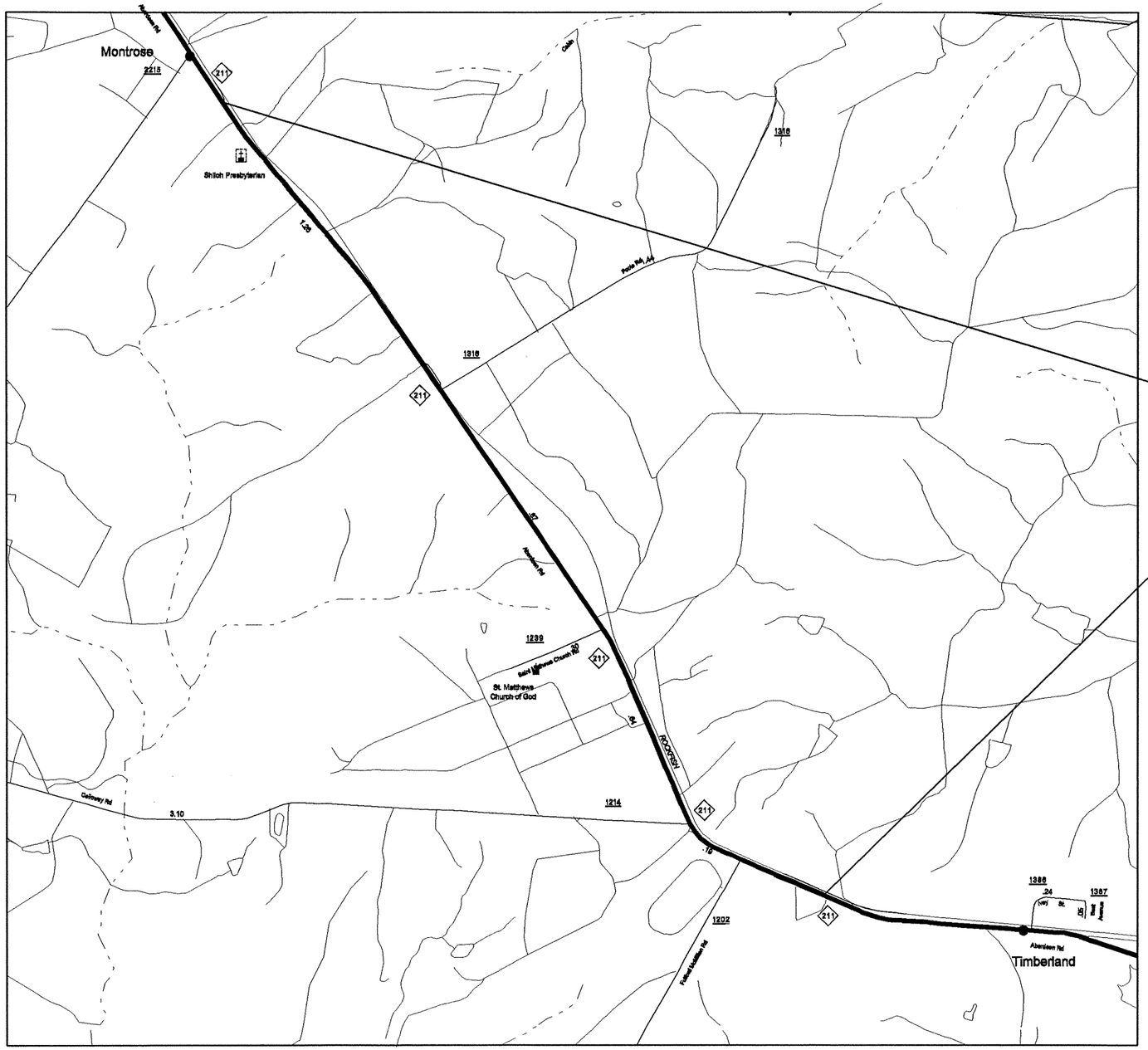
PROJECT REFERENCE NO.	SHEET NO.
8.104711, etc.	2



MAP NO. 1

5/28/99

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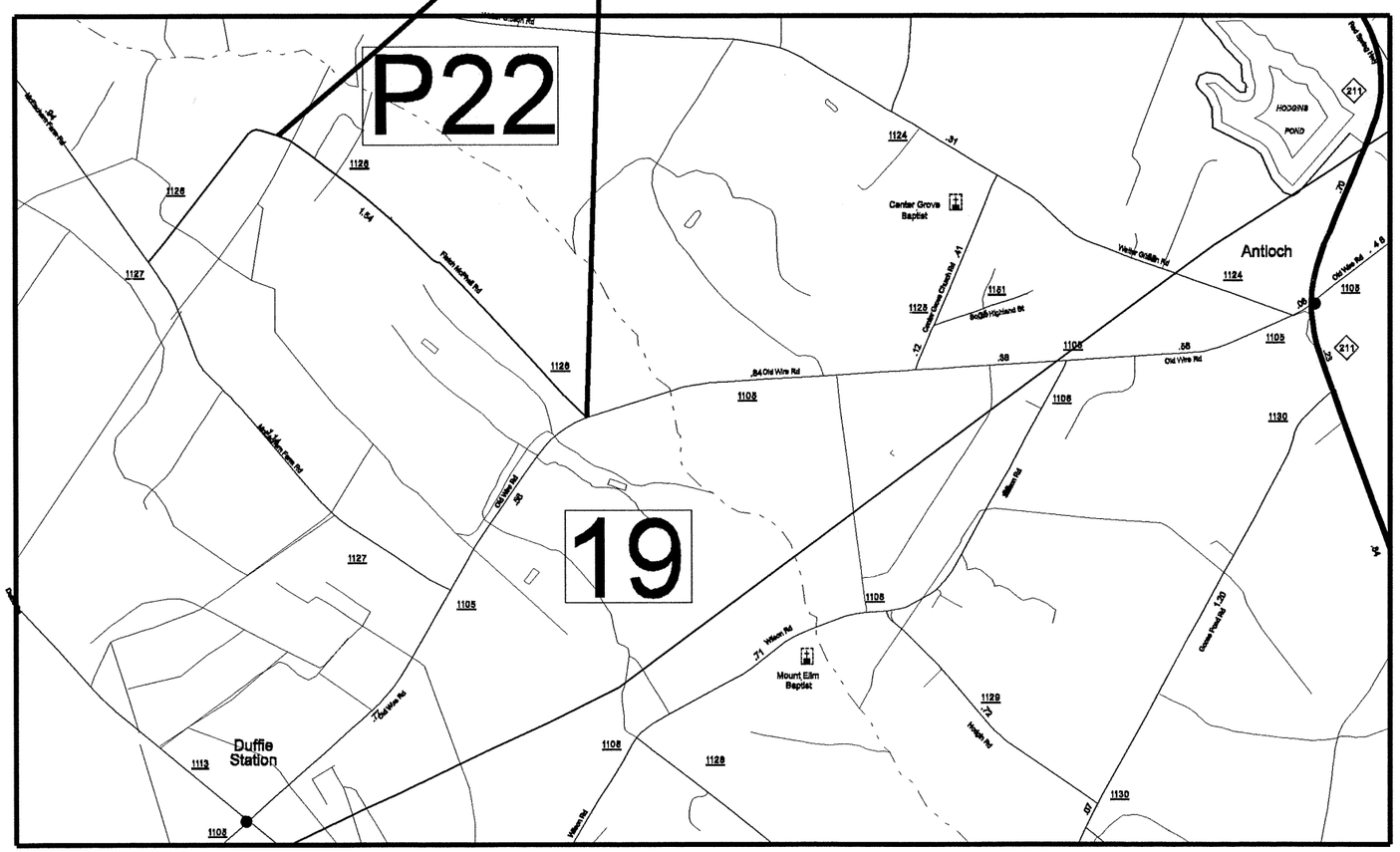
PROJECT REFERENCE NO.	SHEET NO.
8.104711, ETC.	3

MAP NO. 2



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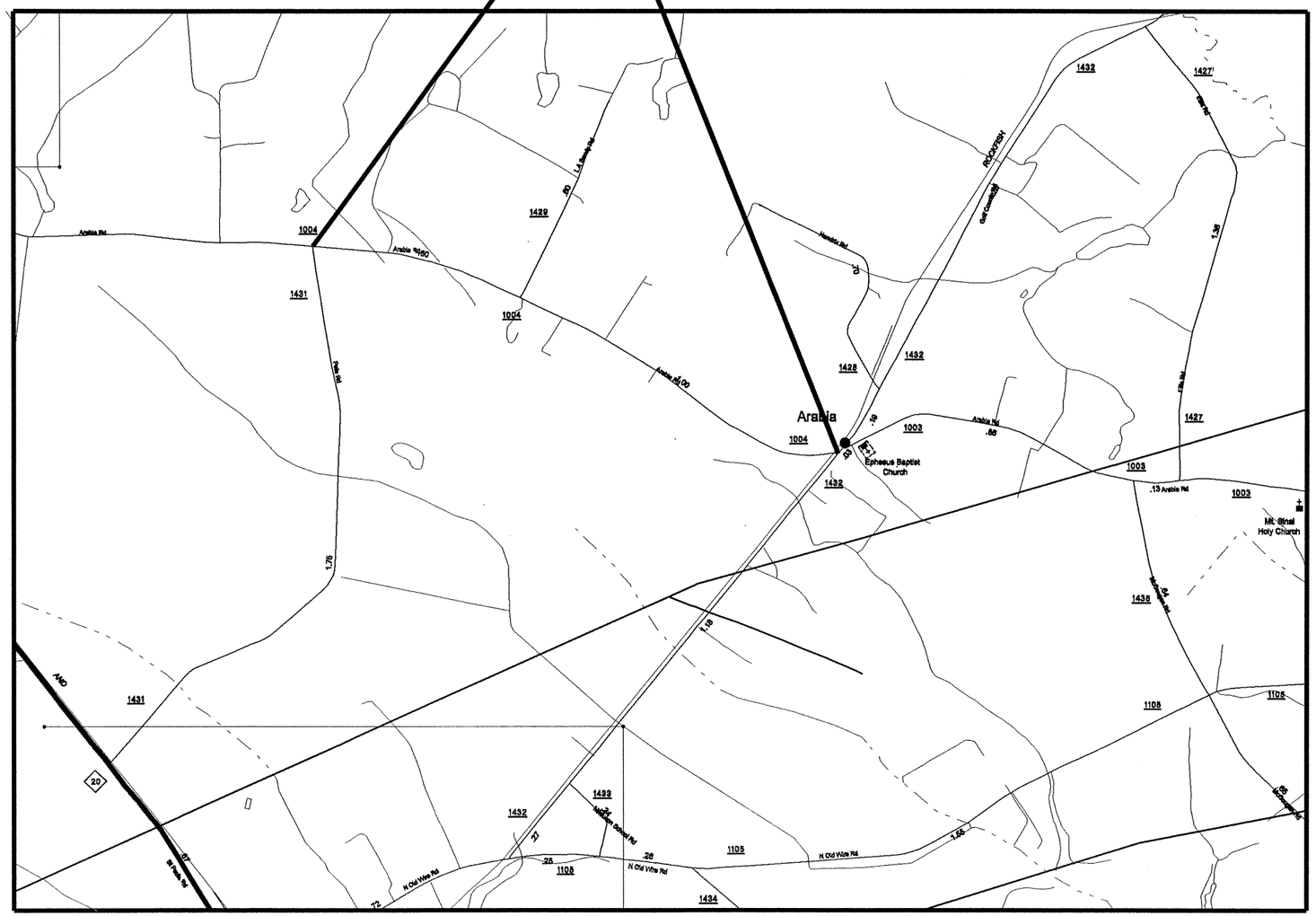
PROJECT REFERENCE NO.	SHEET NO.
8.104711, ETC.	4

MAP NO. 3

NOTE: SENSITIVE AREA



5/26/99

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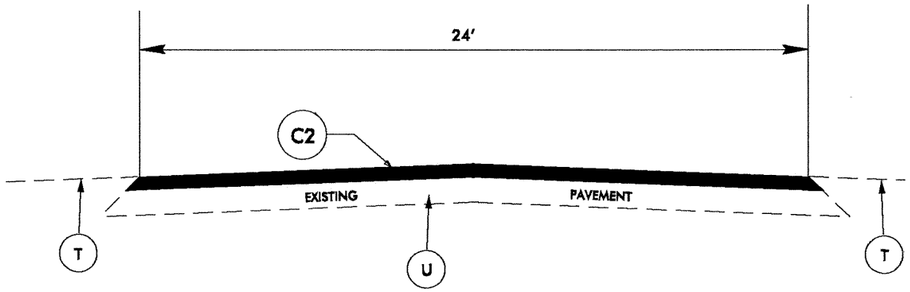
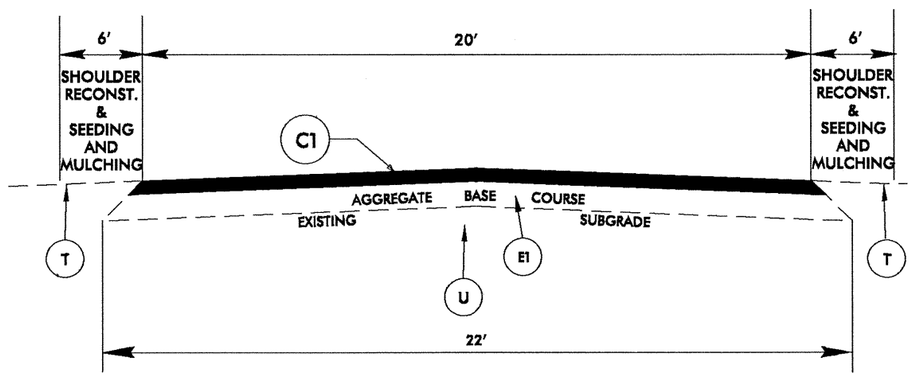
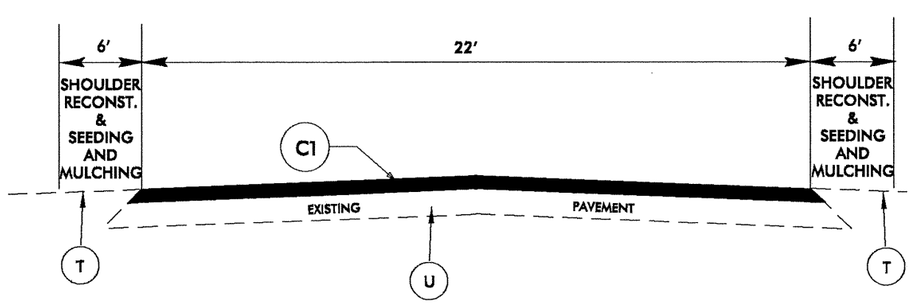
Greg Hardin



TYPICAL SECTION NO. 1



TYPICAL SECTION NO. 2



TYPICAL SECTION NO. 3

PAVEMENT SCHEDULE

C1	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
C2	MICROSURFACING
E1	PROP. APPROX. 6" AGGREGATE BASE COURSE
T	EARTH MATERIAL
U	EXISTING PAVEMENT

5/28/99
28-FEB-2012 09:15
C:\Bentley\Projects\Greg\Projects-Docs & Xls\Resurfacing-2012\HokeCo\typicals.dgn

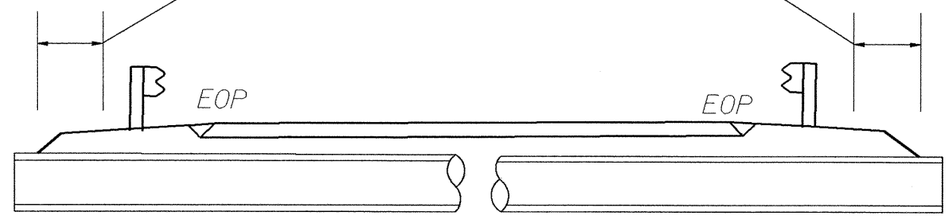
PROJECT REFERENCE NO.	SHEET NO.
8.104711, ETC.	6

EROSION CONTROL DETAIL

NOTES: Less than 5' – 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

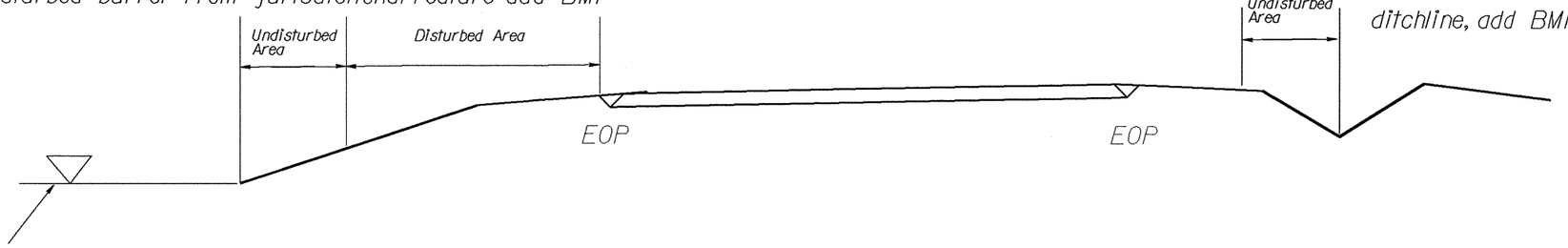
< 5' – 10' Undisturbed buffer add BMP



Pipe/Culvert

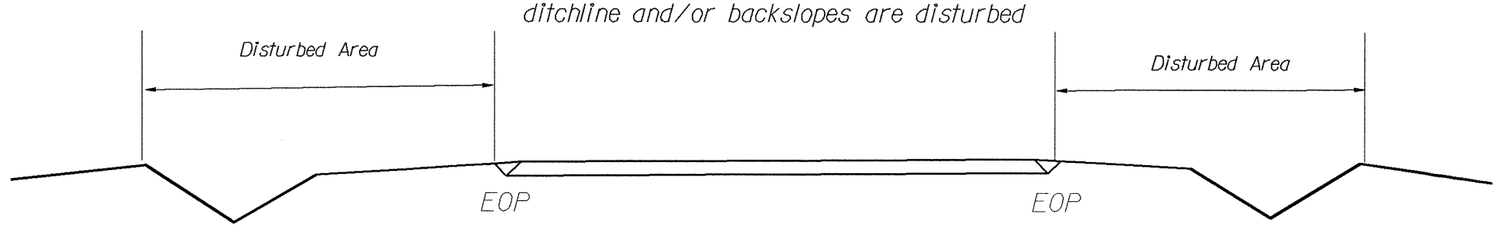
< 5' – 10' Undisturbed buffer from jurisdictional feature add BMP

< 5' – 10' Undisturbed buffer from ditchline, add BMP

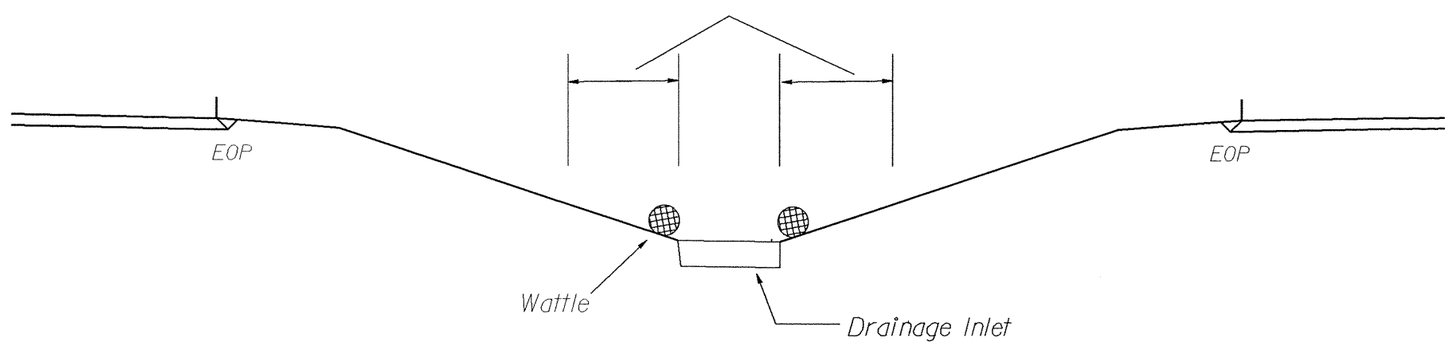


Jurisdictional Feature

Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed

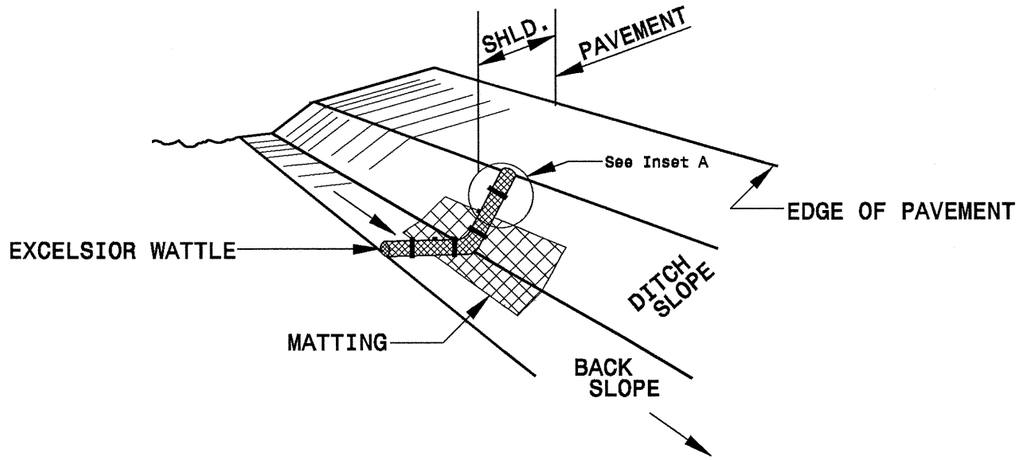


< 5' – 10' Undisturbed buffer from inlet, add wattle

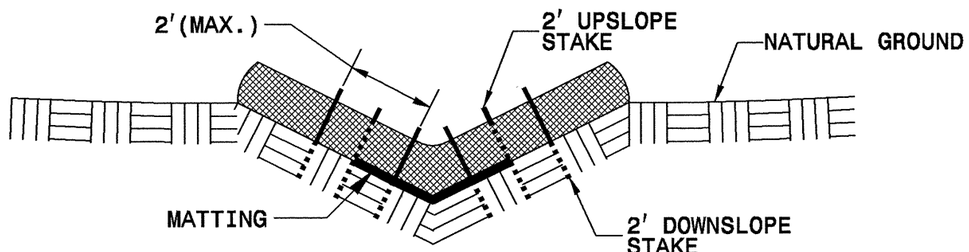


NOT TO SCALE

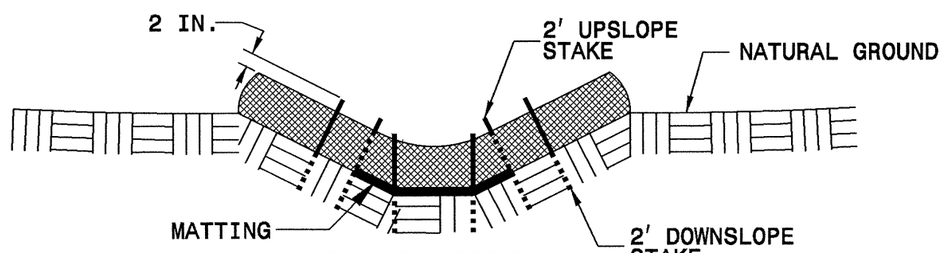
WATTLE DETAIL



ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

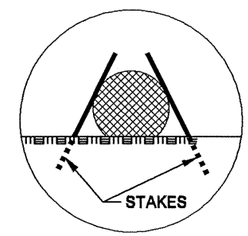
<u>ONLY</u> INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

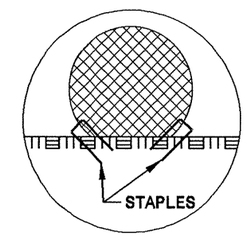
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12″ IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

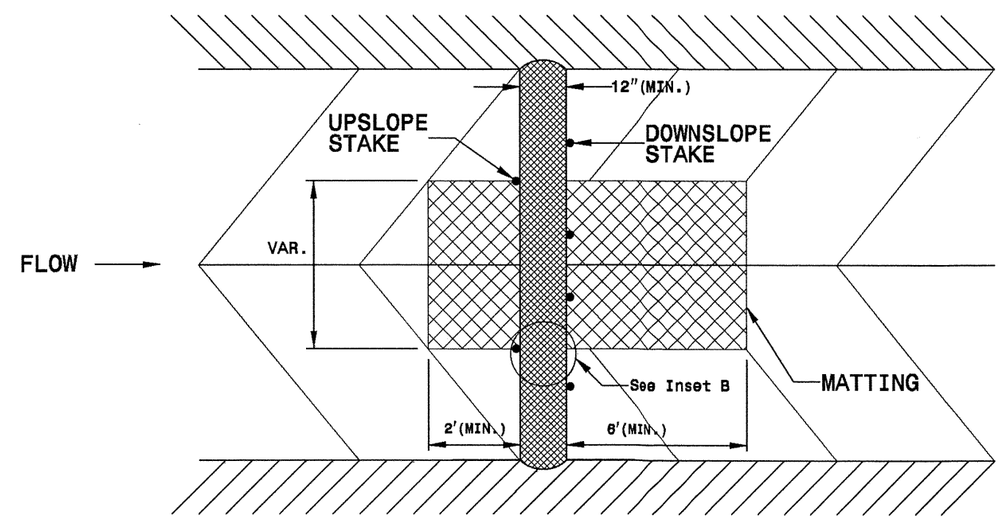
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW

PROJECT NO.	SHEET NO.	TOTAL NO.
8.104711, 8C.047042	8	8
8C.047044		

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	BORROW EXCAVATION CY	AGGREGATE BASE COURSE TON	CONDITIONING EXISTING BASE MSY	INCIDENTAL STONE BASE TON	SHOULDER RECONSTRUCTION SMI	INCIDENTAL MILLING SY	SURFACE COURSE, SF9.5A TON	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT TON	LATEX MODIFIED MICROSURFACING, TYPE C SY	TEMPORARY SILT FENCE LF	WATTLE LF	SEED & MULCHING AC
8.104711	Hoke	1	NC 211	FROM CONST. JT. ESAST OF SR 1215 TO END OF WIDENING FOR SR 1202	1	NO	3.00	24										49,100			
TOTAL FOR PROJ NO. 8.104711							**3.00**											**49,100**			
8C.047042	Hoke	2	SR 1126	FROM SR 1105 TO STA. 27+97.44+/-	2	NO	1.10	20	45	4,700	12.9	75	2.02		1,435	96					1.47
TOTAL FOR PROJ NO. 8C.047042							**1.10**		**45**	**4,700**	**12.9**	**75**	**2.02**		**1,435**	**96**					**1.47**
8C.047044	Hoke	3	SR 1004	FROM SR 1431 TO SR 1432	3	NO	1.58	22	65			185	3.16	420	2,490	167	40		160	30	2.30
TOTAL FOR PROJ NO. 8C.047044							**1.58**		**65**			**185**	**3.16**	**420**	**2,490**	**167**	**40**		**160**	**30**	**2.30**
GRAND TOTAL							**5.68**		**110**	**4,700**	**12.9**	**260**	**5.18**	**420**	**3,925**	**263**	**40**	**49,100**	**160**	**30**	**3.77**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	4685000000-E 4" X 90 M WHITE THERMO LF	4686000000-E 4" X 120 M YELLOW THERMO LF	4697000000-E 8" X 120 M YELLOW THERMO LF	4705000000-E 16" X 120 M WHITE THERMO LF	4710000000-E 24" X 120 M WHITE THERMO LF	4721000000-E THERMO RXR 120 M EA	4725000000-E THERMO LT ARROW 90 M EA	4725000000-E THERMO STR ARROW 90 M EA	4810000000-E 4" WHITE PAINT LF	4810000000-E 4" YELLOW PAINT LF	4900000000-N CRYSTAL & RED MARKERS EA	4900000000-N YELLOW & YELLOW MARKERS EA
8.104711	Hoke	1	NC 211	FROM CONST. JT. ESAST OF SR 1215 TO END OF WIDENING FOR SR 1202	1	NO	3.00	24	31,700	31,200	1,200				14	10			60	260
TOTAL FOR PROJ NO. 8.104711							**3.00**		**31,700**	**31,200**	**1,200**				**14**	**10**			**60**	**260**
															24				**320**	
8C.047042	Hoke	2	SR 1126	FROM SR 1105 TO STA. 27+97.44+/-	2	NO	1.10	20									19,320	19,320		
TOTAL FOR PROJ NO. 8C.047042							**1.10**										**19,320**	**19,320**		
																	38,640			
8C.047044	Hoke	3	SR 1004	FROM SR 1431 TO SR 1432	3	NO	1.58	22				50	25	2			32,680	32,680		
TOTAL FOR PROJ NO. 8C.047044							**1.58**					**50**	**25**	**2**			**32,680**	**32,680**		
																	65,360			
GRAND TOTAL							**5.68**		**31,700**	**31,200**	**1,200**	**50**	**25**	**2**	**14**	**10**	**52,000**	**52,000**	**60**	**260**
															24		**104,000**		**320**	