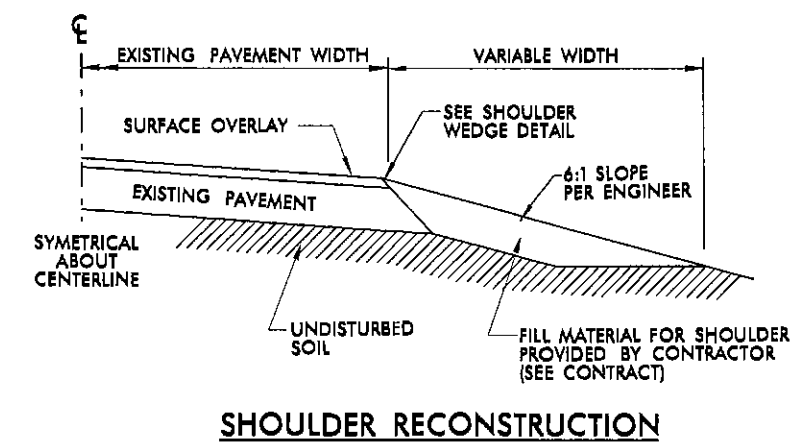
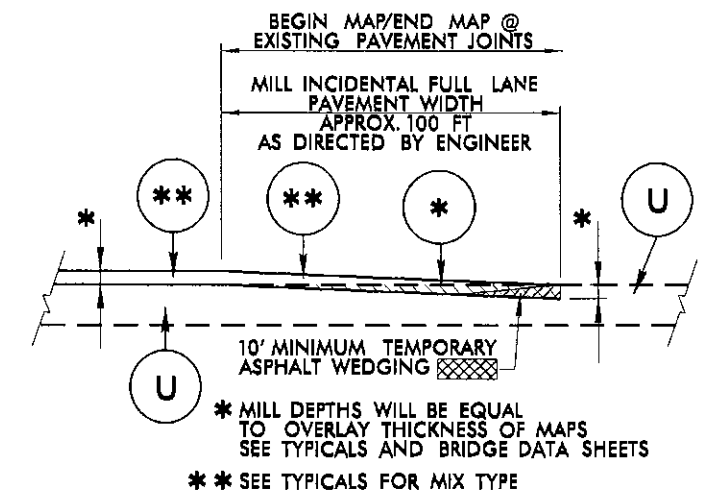
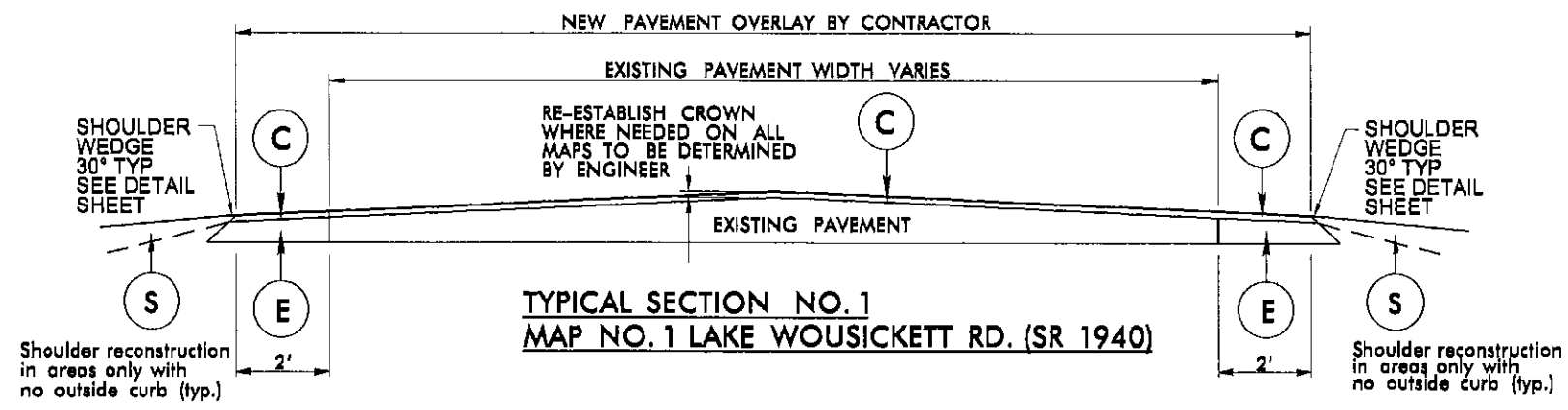


NOTE:  
Paving over Bridge.  
Coordinate paving with Bridge Project.

**FORSYTH COUNTY**  
NORTH CAROLINA



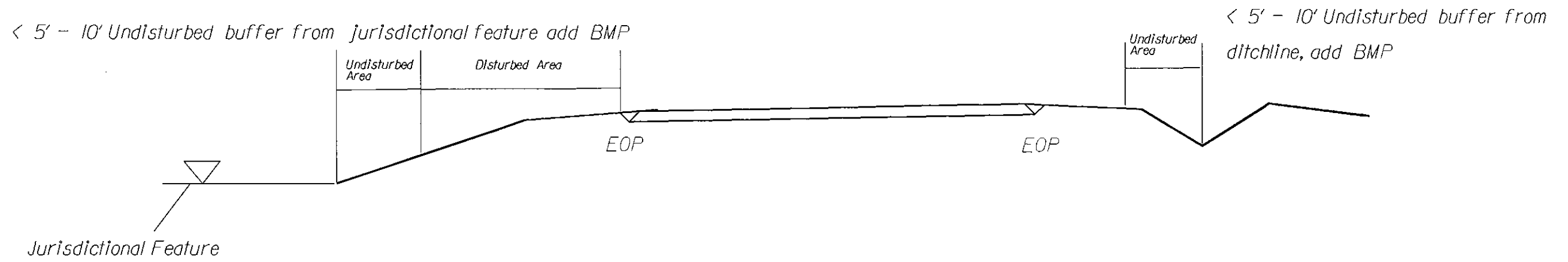
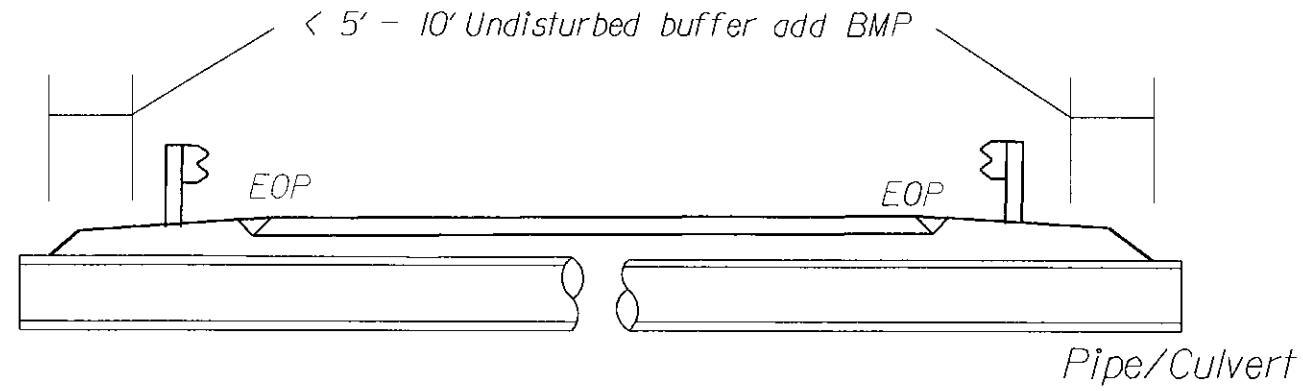
PAVEMENT SCHEDULE	
C	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, TO BE APPLIED AT AN AVERAGE RATE OF 165 LBS PER SQ. YD.
E	PROP. APPROX. 5 1/2" ASPHALT CONCRETE BASE COURSE, TYPE B25.0, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
M	MILL ASPHALT PAVEMENT, 0" TO 1 1/2"
S	SHOULDER RECONSTRUCTION (SEE DETAIL)
U	EXISTING PAVEMENT

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

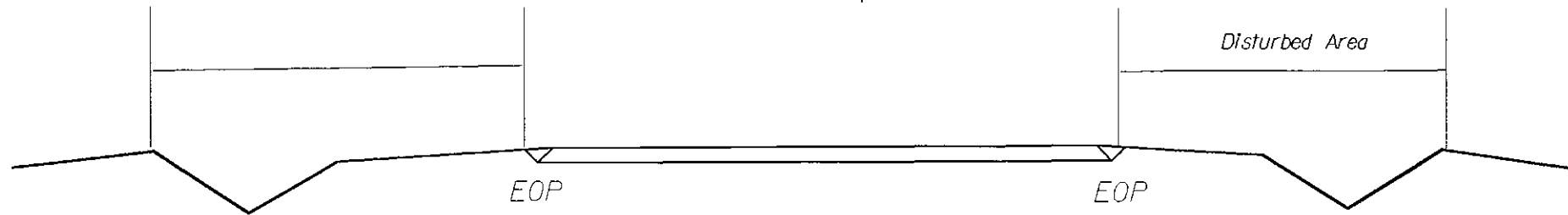
BMP Options: Wattle or Silt Fence

# EROSION CONTROL DETAIL

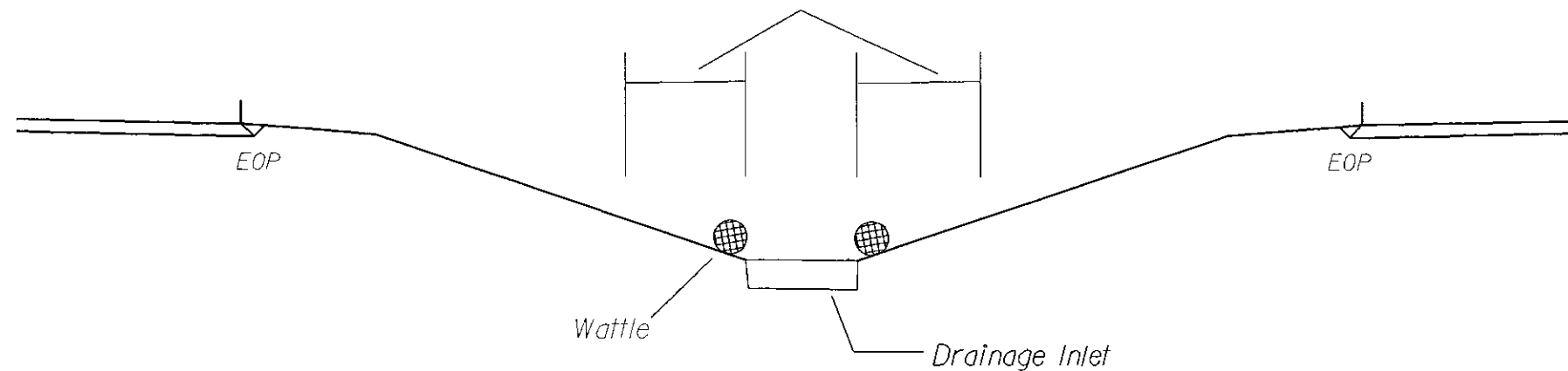
PROJECT REFERENCE NO.	SHEET NO.
9CR.20341.151	3



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

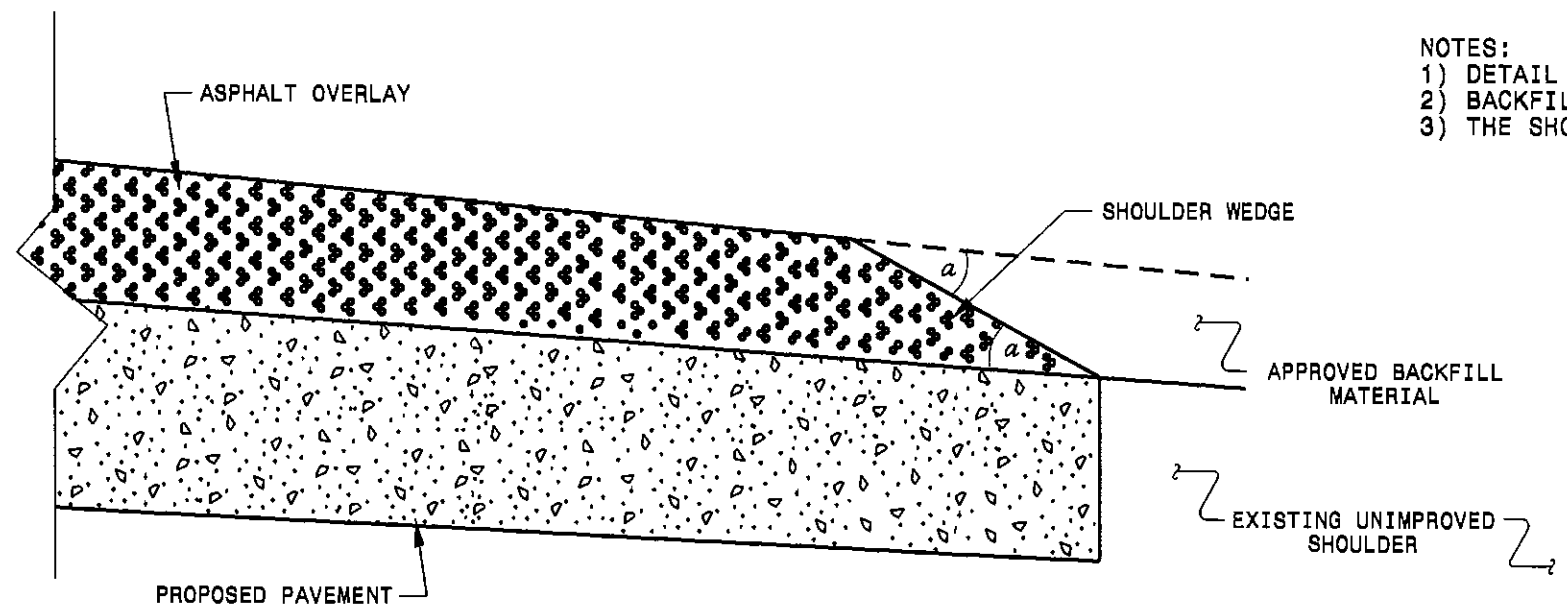


< 5' - 10' Undisturbed buffer from inlet, add wattle

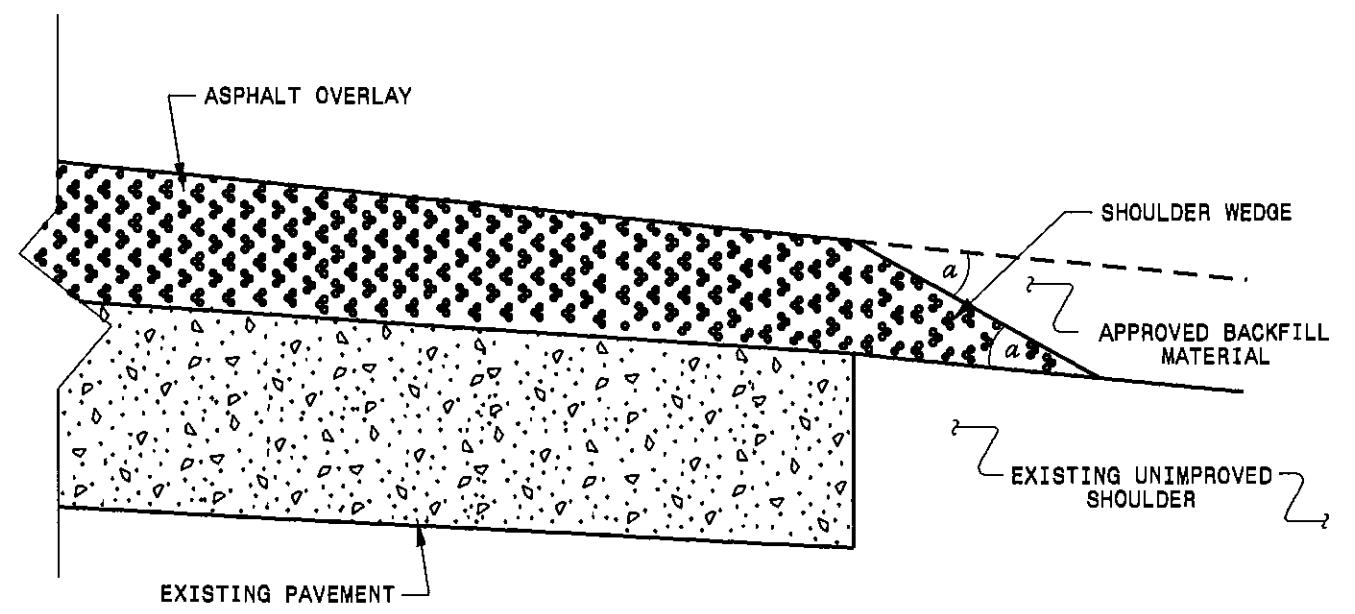


NOT TO SCALE

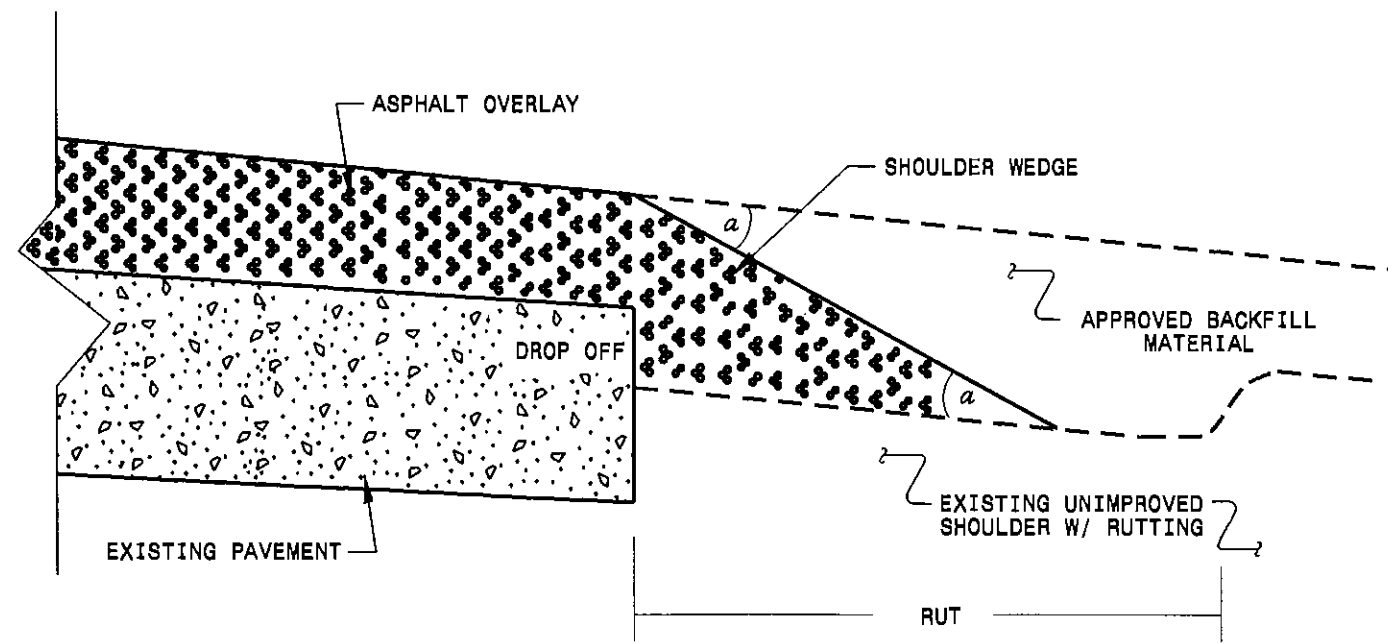
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ Widening or  
 with Existing Paved Shoulder having no dropoffs)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ NO Widening)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Adjacent to  
 Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-8850	FAX 919-250-4119
<b>SHOULDER WEDGE DETAILS</b>	
ORIGINAL BY: T. SPELL	DATE: 7-19-11
MODIFIED BY:	DATE: 10/18/12
CHECKED BY:	DATE:
FILE SPEC.:	

27-AUG-2014 15:59  
 C:\Users\TSpell\Documents\2015\993399\Forsyth\Division Let\2015\Lake Moussikett\REVISED Shoulder Wedge Detail.dgn  
 b:\cad\2015\993399\Forsyth\Division Let\2015\Lake Moussikett\2015\_Resurfacing\_FORSYTH.Lake Moussikett\_REVISED Shoulder Wedge Detail.dgn

## 2015\_Resurfacing\_FORSYTH

									PROJECT NO.	SHEET NO.		
									9CR.20341.151	5		
Map No.	Route No.	Route Name	Bridge No.	Feature Intersected	Floor Construction	Clear Roadway Width (Ft)	Horizontal Clearance Under (Ft.)	Vertical Clearance Under	2nd Opening Clearance Under	Length (Ft)	Posting	Recommended Treatment, From Bridge Maintenance
1	SR 1940	LAKE WOUSSICKET RD.	40	RED BANK CREEK	PPC	27.8	NA	NA	NA	92.5	NA	PAVE OVER BRIDGE

PROJECT NO.	SHEET NO.	TOTAL NO.
9CR.20341.151	6	

### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW EXCAVATION CY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION 5MI	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	SURFACE COURSE, SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	TEMPORARY SILT FENCE LF	WATTLE LF
9CR.20341.151	Forsyth	1	SR 1940 LAKE WOUSSICKET ROAD	FROM BAUX MOUNTAIN RD. (SR 2211) TO US 311	1	2	2WU	NO	NO	1.868	22	224	153	3.74	489	1,761	2,300	232	20	747	75
TOTAL FOR MAP NO. 1										1.868		224	153	3.74	489	1,761	2,300	232	20	747	75
TOTAL FOR PROJ NO. 9CR.20341.151										1.868		224	153	3.74	489	1,761	2,300	232	20	747	75
GRAND TOTAL										1.868		224	153	3.74	489	1,761	2,300	232	20	747	75

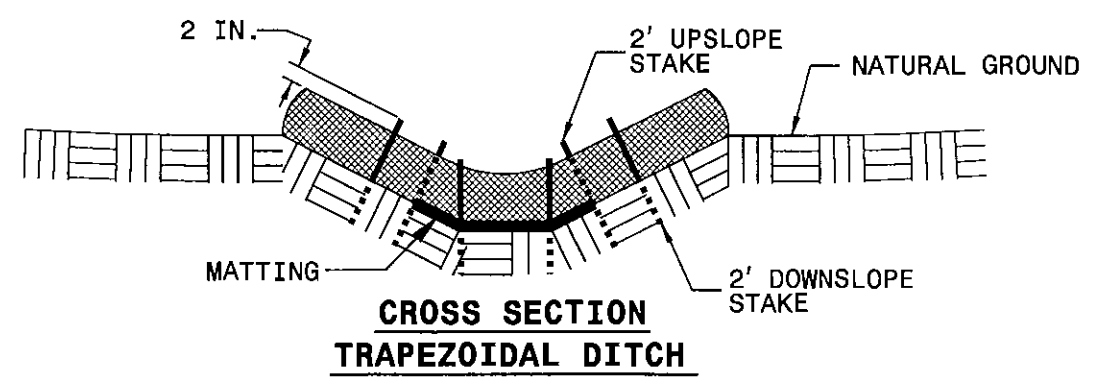
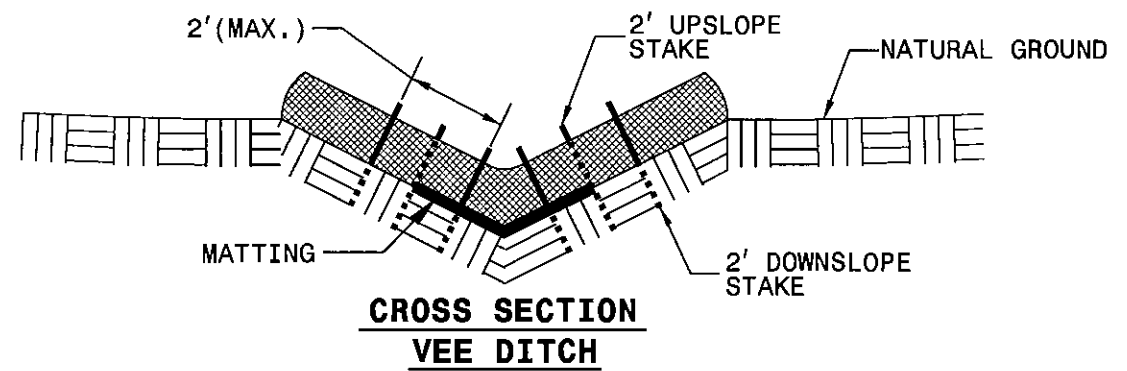
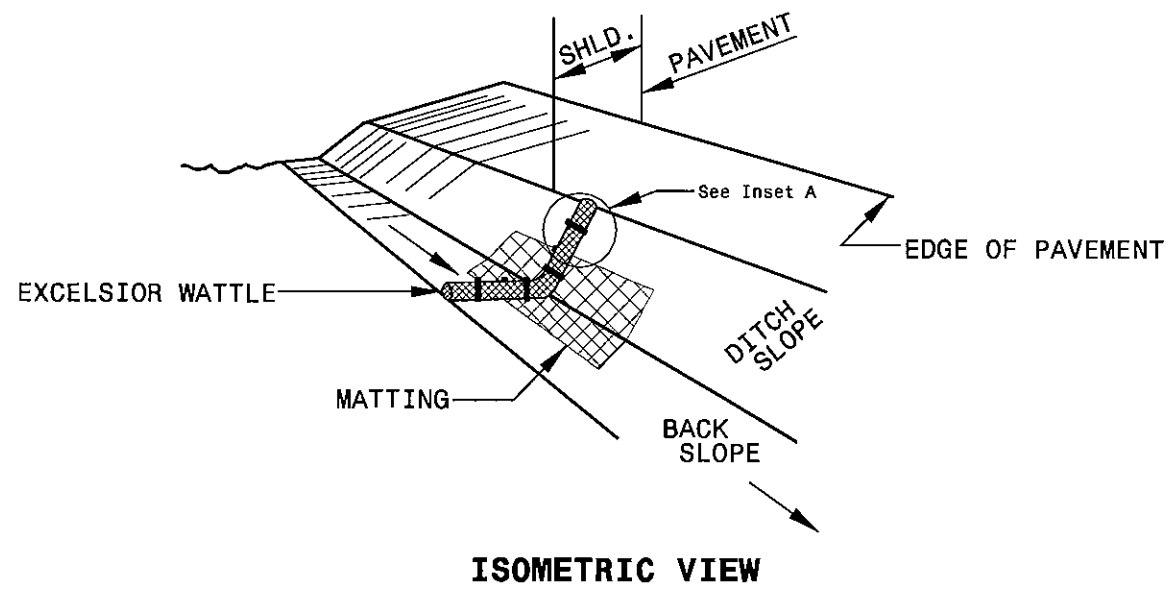
PROJECT NO.	SHEET NO.	TOTAL NO.
9CR.20341.151	7	

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4685000000-E	4686000000-E	4810000000-E		
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4" YELLOW PAINT LF		
9CR.20341.151	Forsyth	1	SR 1940 LAKE WOUSSICKET ROAD	FROM BAUX MOUNTAIN RD. (SR 2211) TO US 311	1	2	2WU	1.868	22	208	1	20,100	19,726	19,726		
<b>TOTAL FOR MAP NO. 1</b>											<b>1.868</b>	<b>208</b>	<b>1</b>	<b>20,100</b>	<b>19,726</b>	<b>19,726</b>
<b>TOTAL FOR PROJ NO. 9CR.20341.151</b>											<b>1.868</b>	<b>208</b>	<b>1</b>	<b>20,100</b>	<b>19,726</b>	<b>19,726</b>
<b>GRAND TOTAL</b>											<b>1.868</b>	<b>208</b>	<b>1</b>	<b>20,100</b>	<b>19,726</b>	<b>19,726</b>

PROJECT REFERENCE NO. X-XXXX	SHEET NO. EC-26
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

# WATTLE DETAIL



**NOTES:**

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

ONLY 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.

