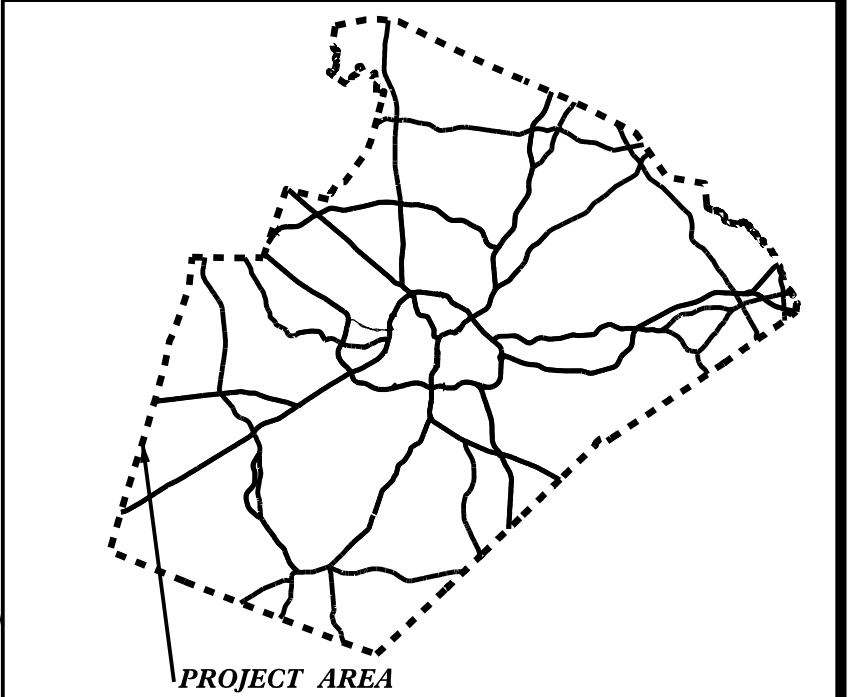
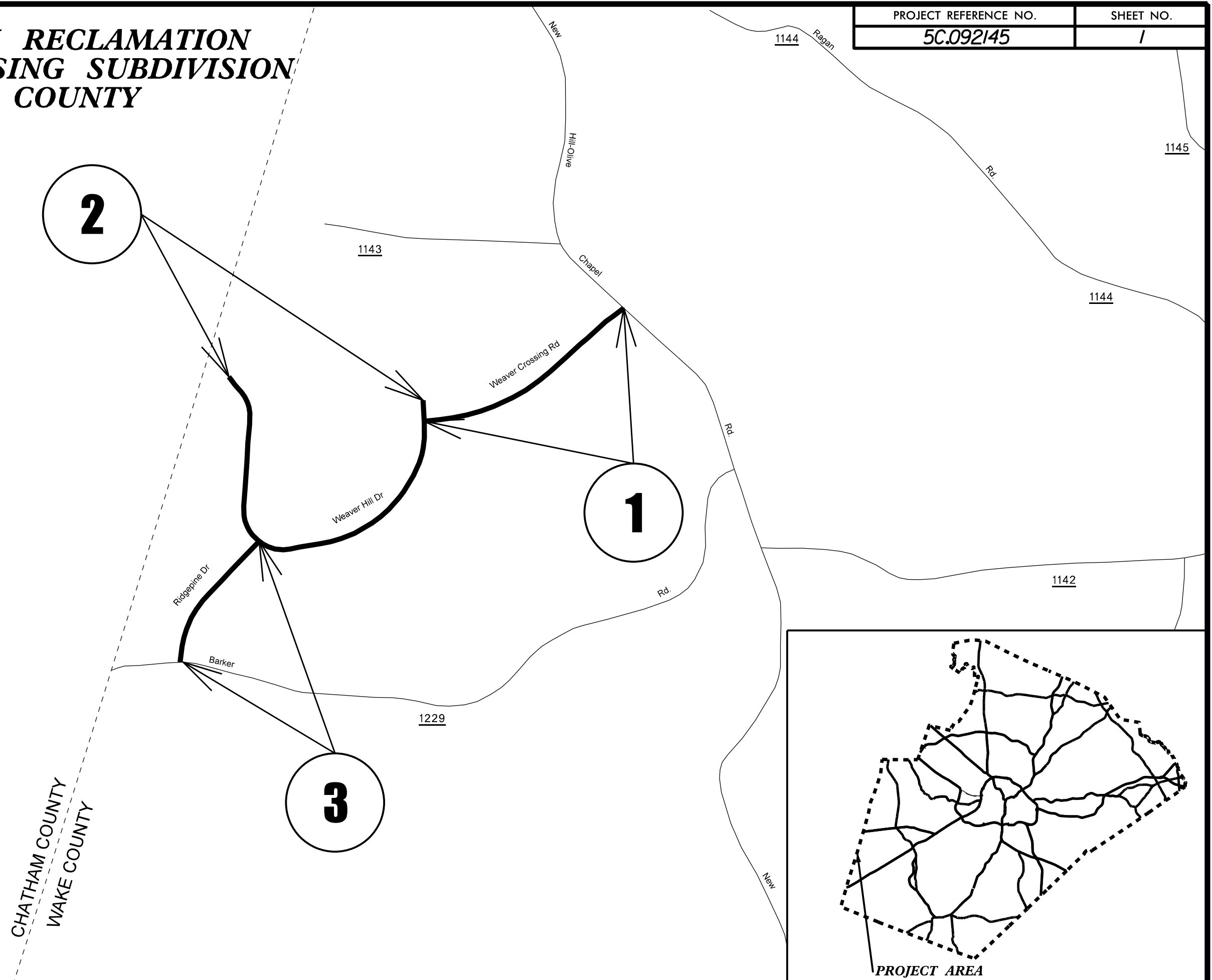


5/14/99

# FULL DEPTH RECLAMATION WEAVER CROSSING SUBDIVISION WAKE COUNTY

PROJECT REFERENCE NO.	SHEET NO.
5C.092145	1



## VICINITY MAP

\*\*\*\*\*  
CUSTOMER'S USE ONLY  
\*\*\*\*\*

# PAVEMENT SCHEDULE

PROJECT REFERENCE NO.

SHEET NO.

5C.092145

2

Ⓒ

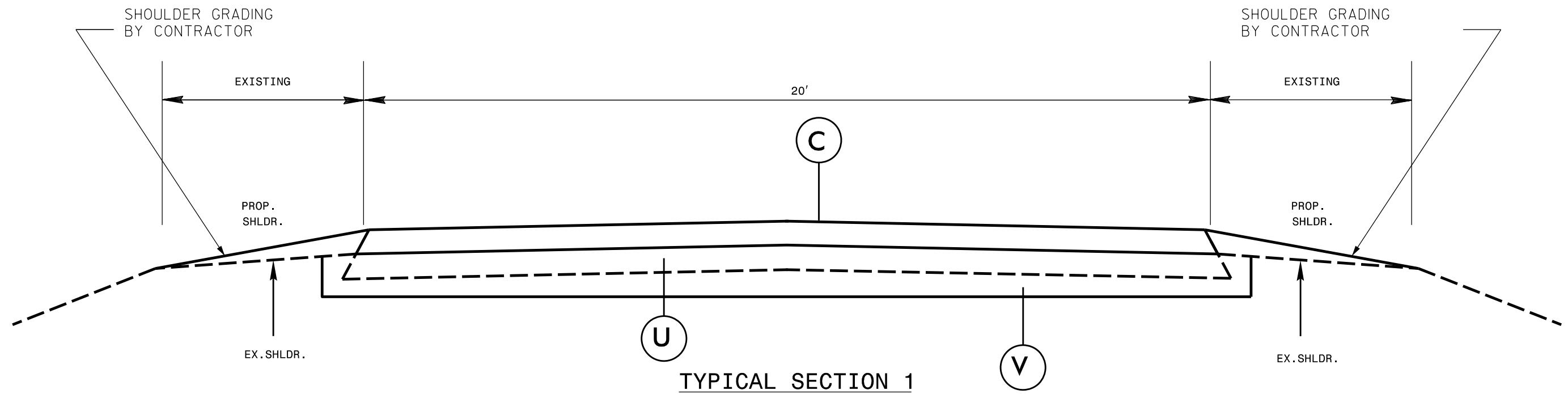
PROP. APPROX. 2" ASPH. CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.

⒰

EXISTING PAVEMENT

⒱

12" FULL DEPTH PAVEMENT RECLAMATION APPROX. 22' WIDTH USING A CEMENT RATE OF 92 LBS PER SQUARE YARD

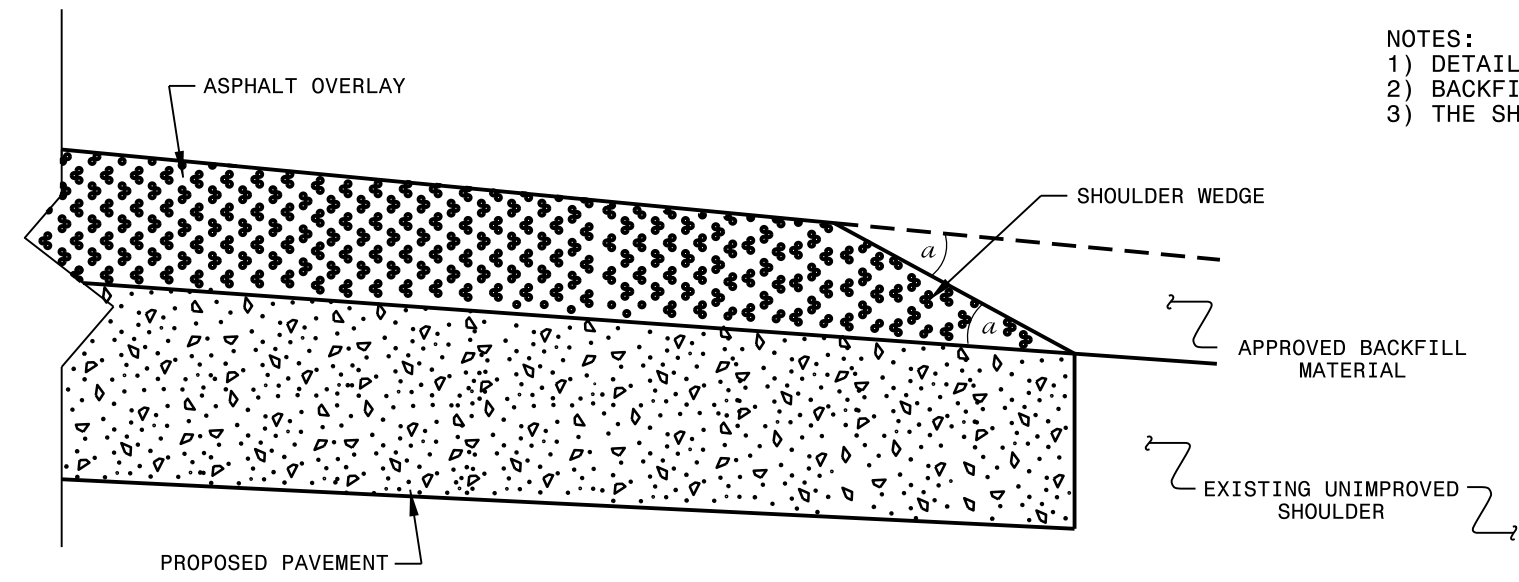


PROJECT NO.	SHEET NO.	TOTAL NO.
5CR.092145		

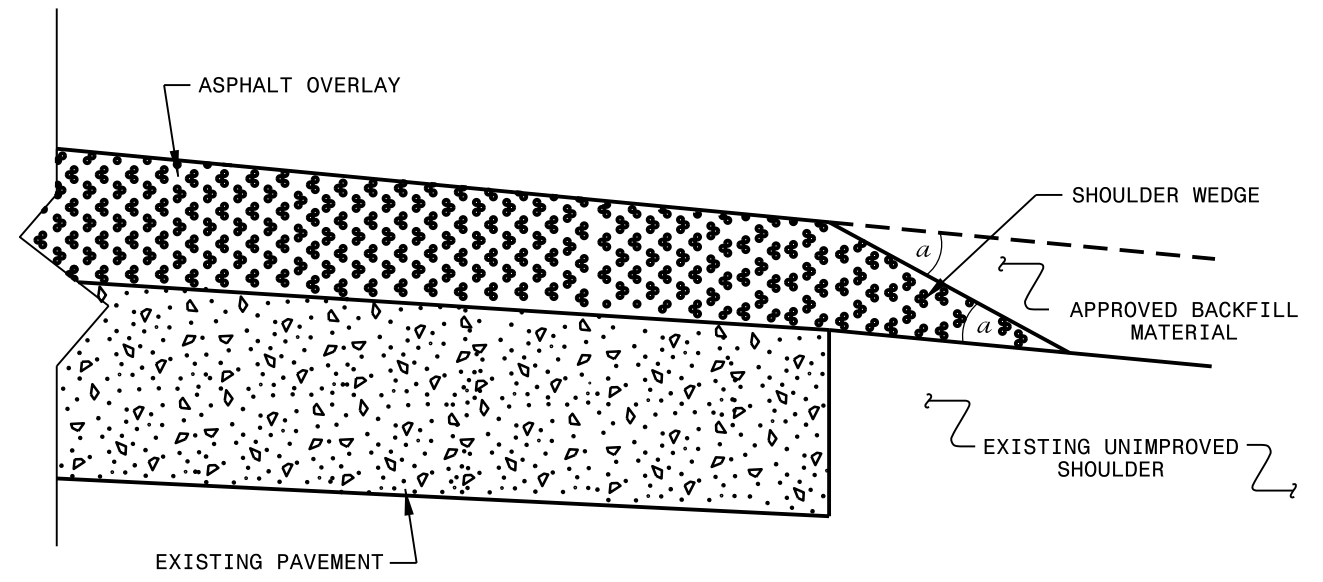
### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	DITCH EXCAVATION LF	BORROW CY	SHOULDER GRADING SMI	INCIDENTAL STONE BASE TONS	INCIDENTAL MILLING SY	SURFACE COURSE, SF9.5A TON	ASPHALT BINDER FOR PLANT MIX TON	FLEXIBLE PAVEMENT RECLAMATION SY	TEMPORARY SILT FENCE LF	WATTLE LF	SEED & MULCHING AC
5CR.092145	Wake	1	WEAVER CROSSING RD	NEW HILL OLIVE CHAPEL TO WEAVER HILL DR	1	2	NO	NO	0.45	20	284	90	0.90	45	278	661	44	5,948	65	170	0.65
<b>TOTAL FOR MAP NO. 1</b>									<b>0.45</b>		<b>284</b>	<b>90</b>	<b>0.90</b>	<b>45</b>	<b>278</b>	<b>661</b>	<b>44</b>	<b>5,948</b>	<b>65</b>	<b>170</b>	<b>0.65</b>
5CR.092145	Wake	2	WEAVER HILL DR	CDS TO CDS	1	2	NO	NO	0.84	20	532	168	1.68	84		1,280	86	11,483	122	310	1.22
<b>TOTAL FOR MAP NO. 2</b>									<b>0.84</b>		<b>532</b>	<b>168</b>	<b>1.68</b>	<b>84</b>		<b>1,280</b>	<b>86</b>	<b>11,483</b>	<b>122</b>	<b>310</b>	<b>1.22</b>
5CR.092145	Wake	3	RIDGEPINE DR	BARKER RD TO WEAVER HILL DR	1	2	NO	NO	0.29	20	184	58	0.58	29	275	429	29	3,859	42	110	0.42
<b>TOTAL FOR MAP NO. 3</b>									<b>0.29</b>		<b>184</b>	<b>58</b>	<b>0.58</b>	<b>29</b>	<b>275</b>	<b>429</b>	<b>29</b>	<b>3,859</b>	<b>42</b>	<b>110</b>	<b>0.42</b>
<b>TOTAL FOR PROJ NO. 5CR.092145</b>									<b>1.58</b>		<b>1000</b>	<b>316</b>	<b>3.16</b>	<b>158</b>	<b>553</b>	<b>2,370</b>	<b>159</b>	<b>21,290</b>	<b>229</b>	<b>590</b>	<b>2.29</b>
<b>GRAND TOTAL</b>									<b>1.58</b>		<b>1000</b>	<b>316</b>	<b>3.16</b>	<b>158</b>	<b>553</b>	<b>2,370</b>	<b>159</b>	<b>21,290</b>	<b>229</b>	<b>590</b>	<b>2.29</b>

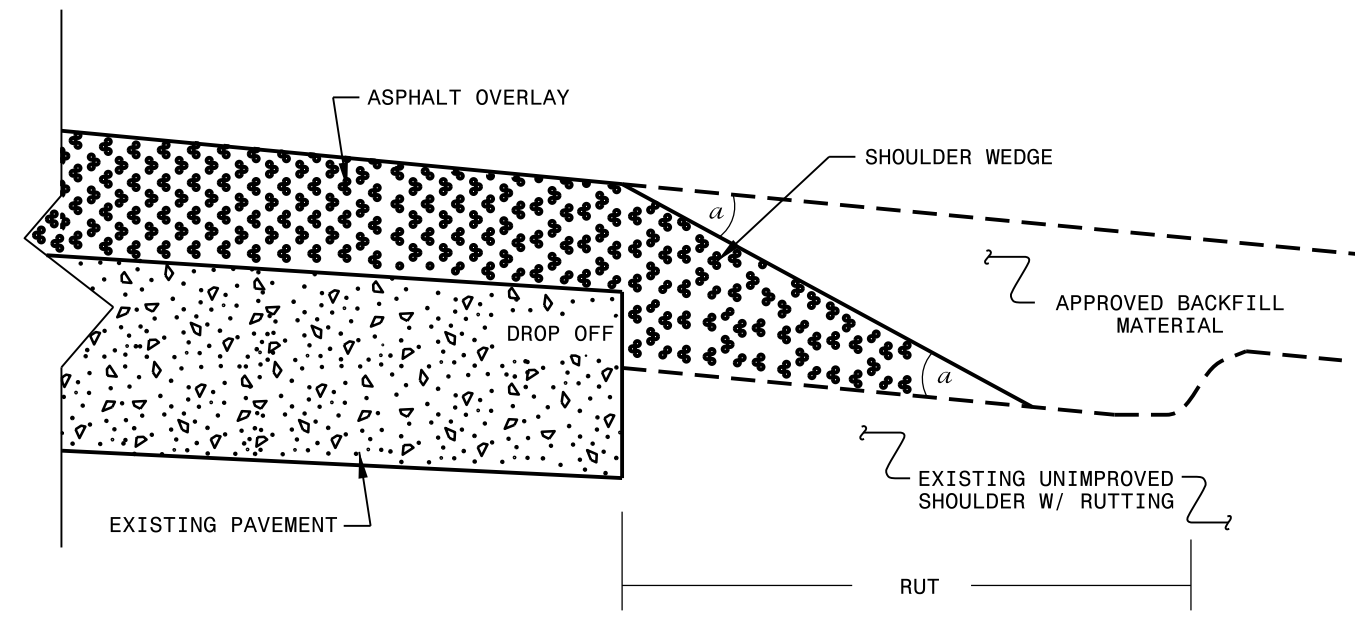
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**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 919-707-6950 FAX 919-250-4119

**SHOULDER WEDGE  
 DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11  
 MODIFIED BY: DATE: 10/16/12  
 CHECKED BY: DATE:  
 FILE SPEC.: susr/details/stand/shoulderwedgedetail.dgn

SYSTEMS DESIGN  
 USER NAME

**DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA**

***SOIL STABILIZATION TIMEFRAMES***

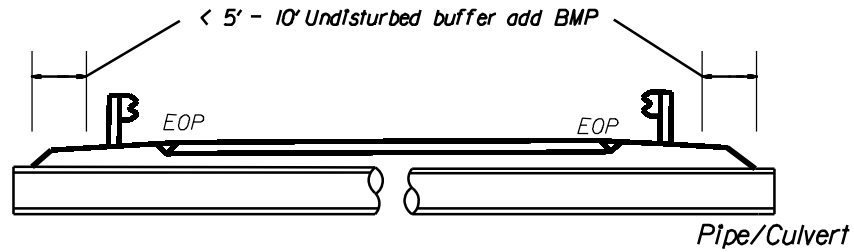
<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
<b>PERIMETER DIKES, SWALES, DITCHES AND SLOPES</b>	<b>7 DAYS</b>	<b>NONE</b>
<b>HIGH QUALITY WATER (HOW) ZONES</b>	<b>7 DAYS</b>	<b>NONE</b>
<b>SLOPES STEEPER THAN 3:1</b>	<b>7 DAYS</b>	<b>IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.</b>
<b>SLOPES 3:1 OR FLATTER</b>	<b>14 DAYS</b>	<b>7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.</b>
<b>ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1</b>	<b>14 DAYS</b>	<b>NONE, EXCEPT FOR PERIMETERS AND HOW ZONES.</b>

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

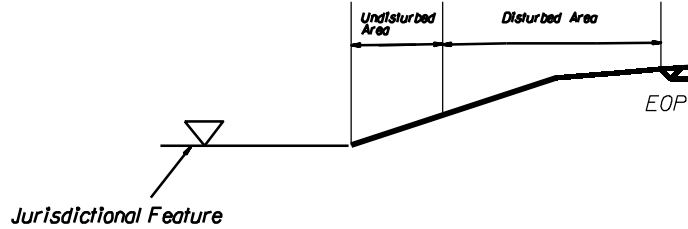
BMP Options: Wattle, Silt Fence, or Hardened Aggregate.

## EROSION CONTROL DETAIL

PROJECT NO. 1-1111	DATE 10-22-2011
DESIGNER	CHECKER
PROJECT NO. 1-1111	DATE 10-22-2011
DESIGNER	CHECKER
PROJECT NO. 1-1111	DATE 10-22-2011
DESIGNER	CHECKER

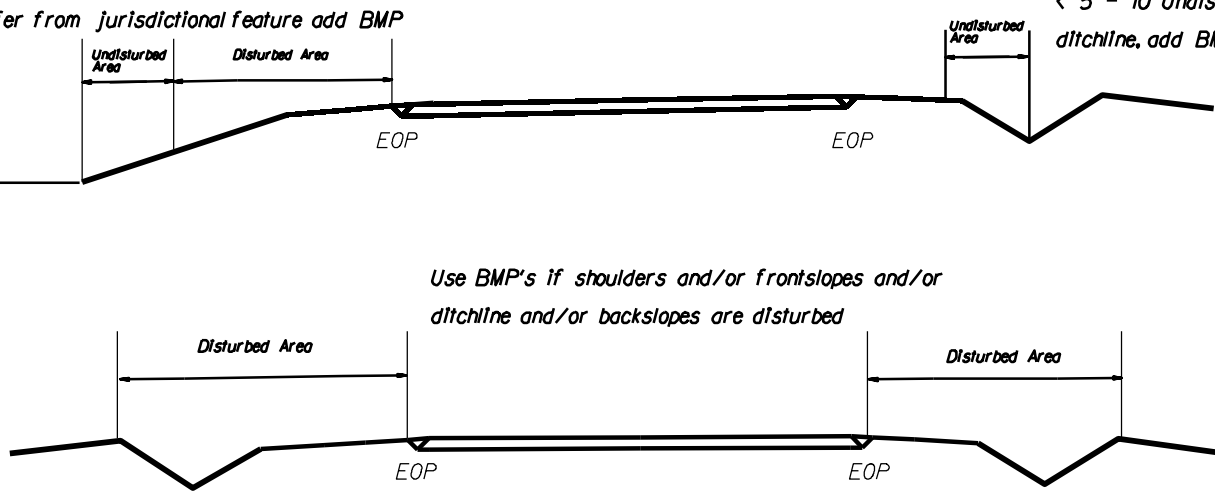


< 5' - 10' Undisturbed buffer from jurisdictional feature add BMP

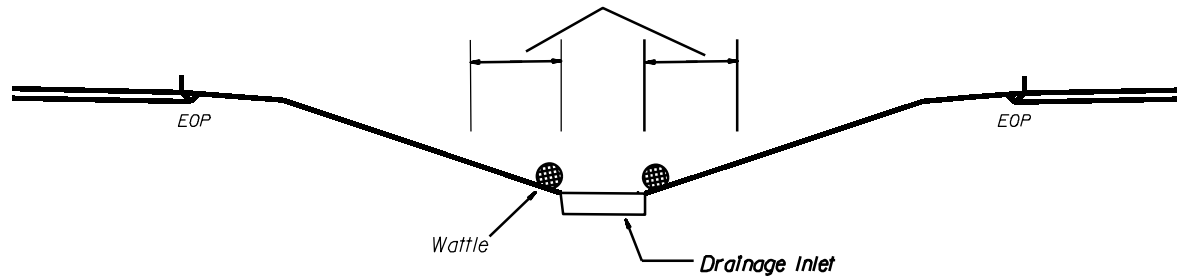


< 5' - 10' Undisturbed buffer from ditchline, add BMP

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

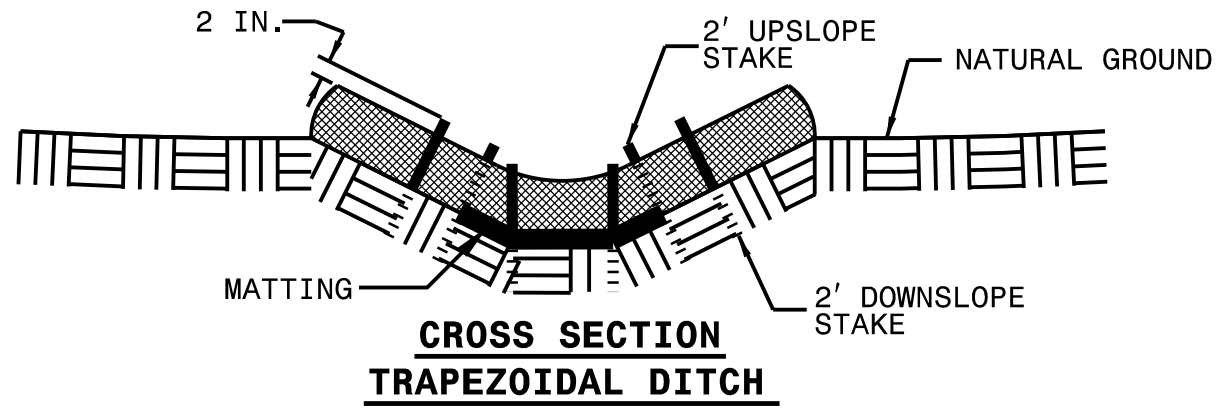
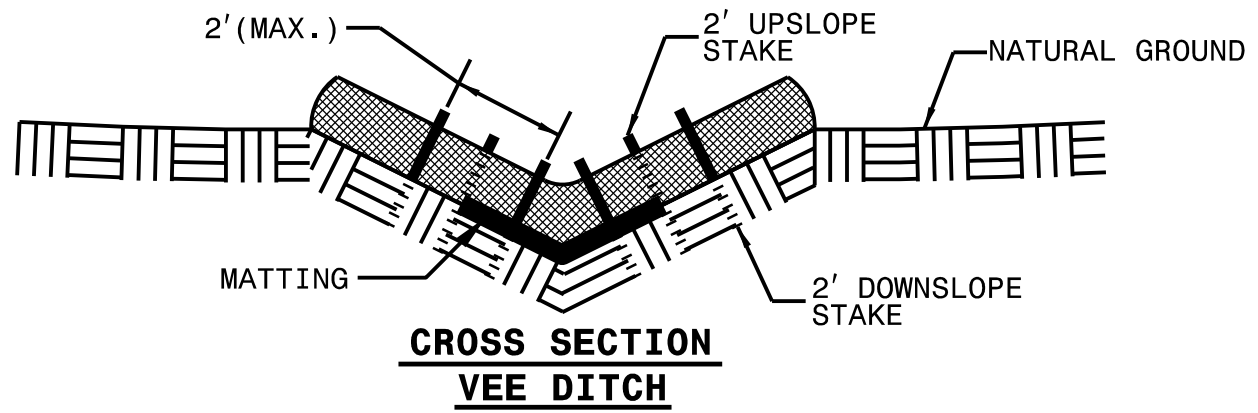
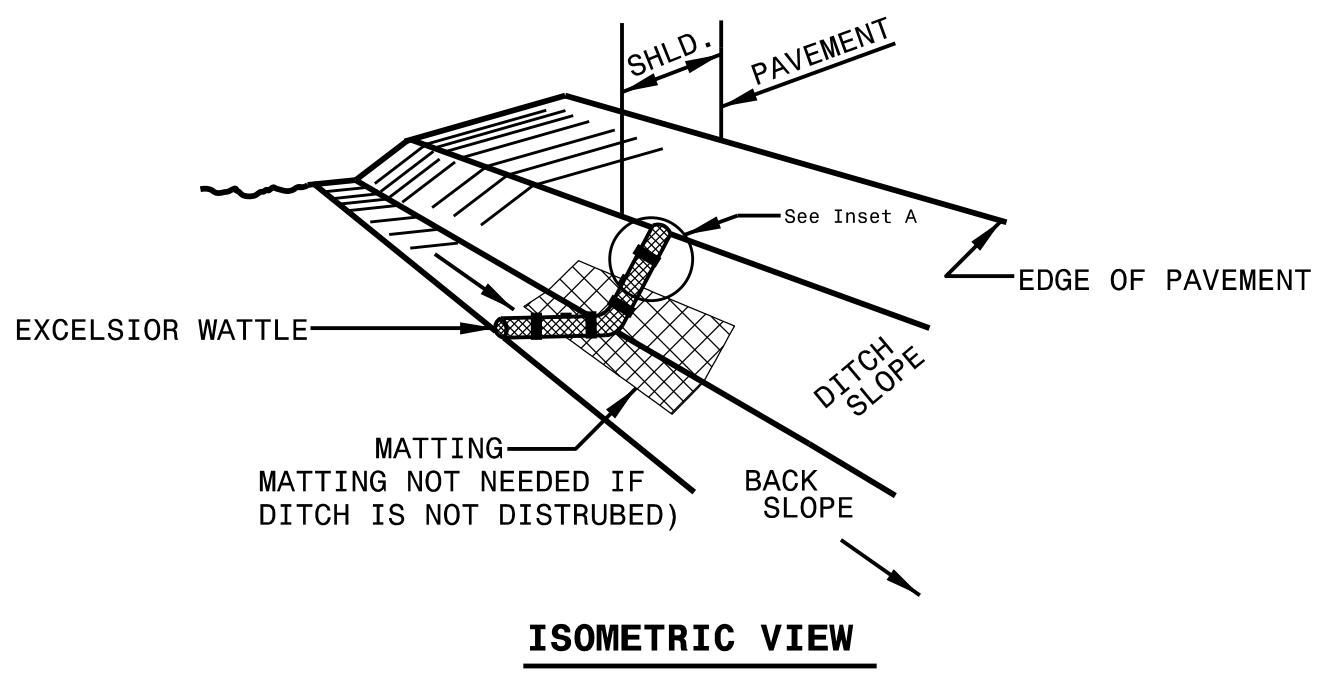


< 5' - 10' Undisturbed buffer from Inlet, add wattle



NOT TO SCALE

# WATTLE DETAIL



**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.

IF DITCH WILL BE DISTURBED, INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

