

CONTRACT NO.: DA00206 WBS ELEMENT: ICR.20371.38, ETC

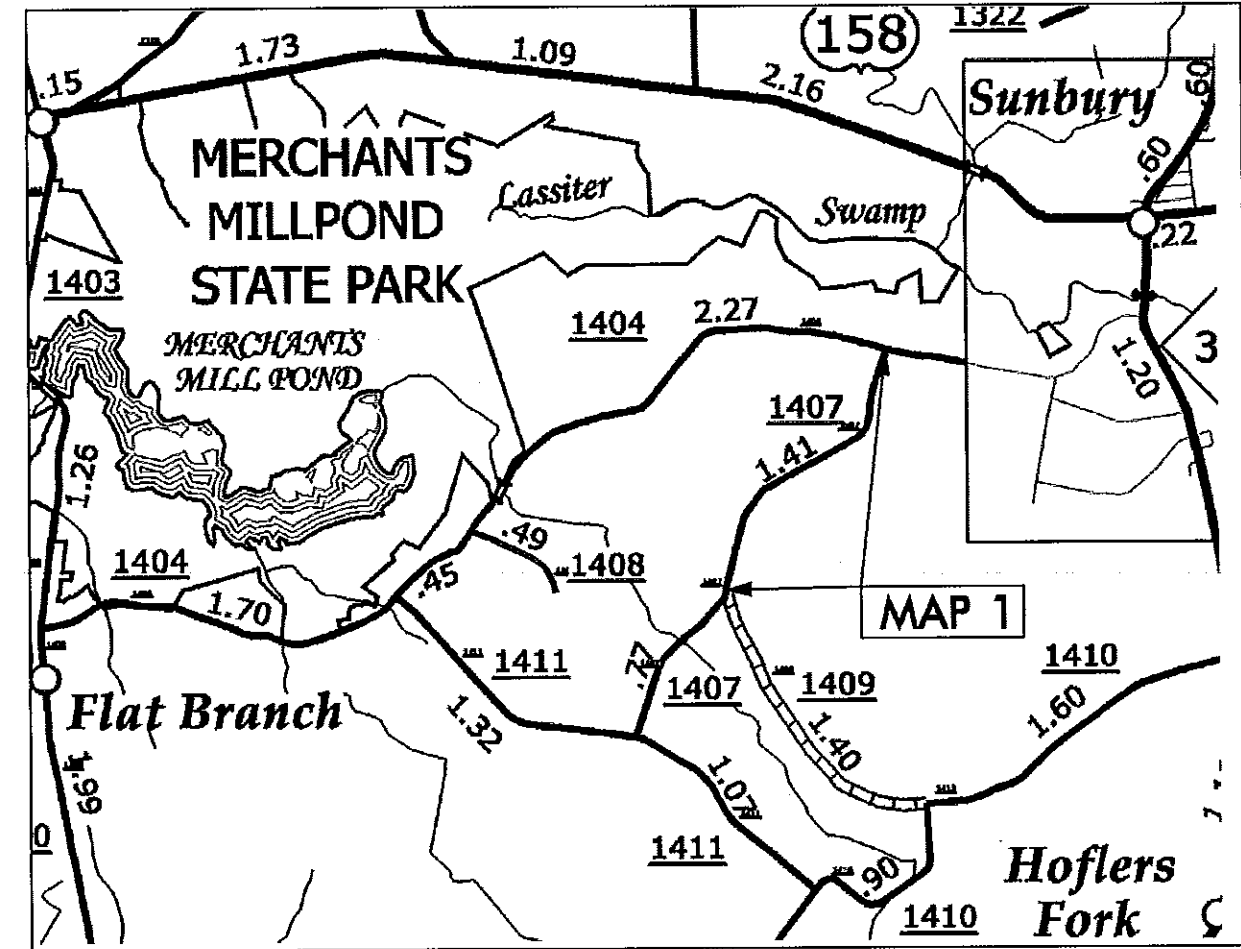
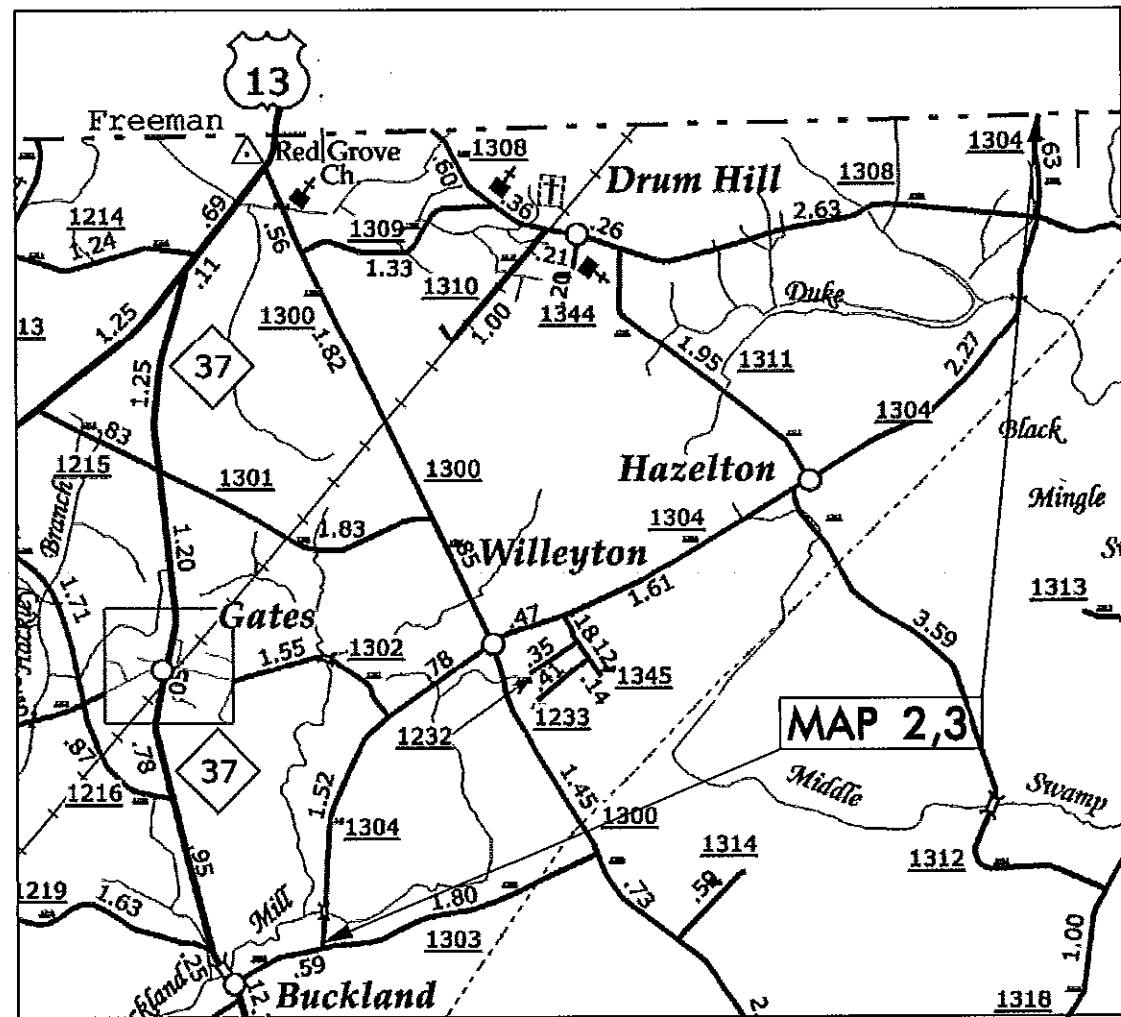
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GATES COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	ICR.20371.38, ETC	1
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
1CR.20371.38		MAP 1
1CR.20371.41		MAP 2
50138.3.FD23		MAP 3

LOCATION: MAP 1 SR 1407 GATLING RD. FROM SR 1404 TO SR 1409
 MAP 2 SR 1304 WILLEYTON RD. FROM SR 1303 TO VA STATE LINE
 MAP 3 SR 1304 WILLEYTON RD. FROM SR 1303 TO VA STATE LINE

TYPE OF WORK: WIDENING & RESURFACING



NTS

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT MAP 1 = 1.41 MI.
 LENGTH OF ROADWAY PROJECT MAP 2 = 7.45 MI.
 LENGTH OF ROADWAY PROJECT MAP 3 = 7.45 MI.

Prepared in the Office of:

DIVISION OF HIGHWAYS

113 Airport Dr., Edenton NC, 27932

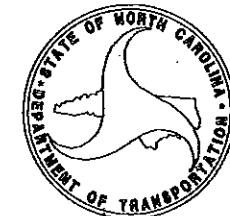
2012 STANDARD SPECIFICATIONS

LETTING DATE:

W.B. HOBBS, P.E.
DIVISION PROJECT MANAGER

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**



C O N T R A C T P A V E M E N T S C H E D U L E

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
E1	PROP. APPROX. 5½ " ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

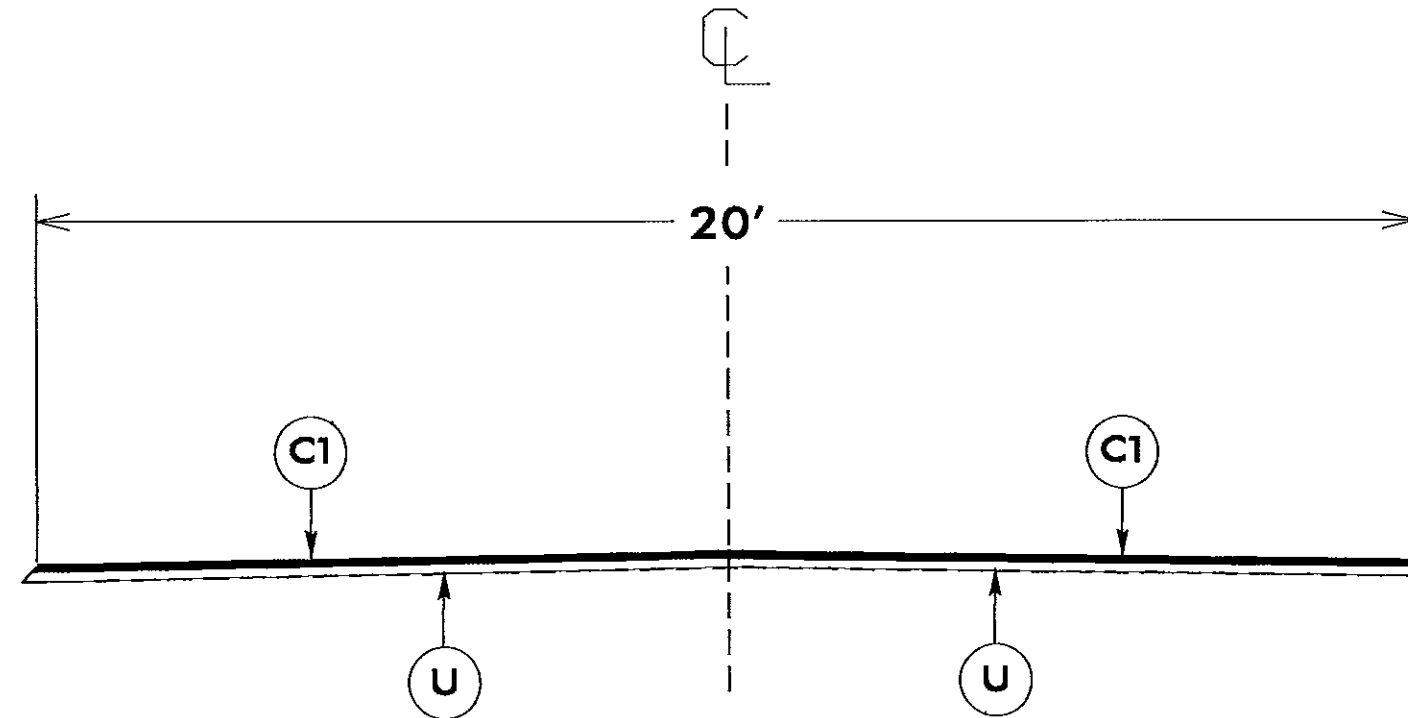
PROJECT REFERENCE NO.	SHEET NO.
1CR.20371.38, ETC.	3

NOTES:

*ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER

*EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES

*SHOULDER RECONSTRUCTION TO BE DONE BY OTHERS



TYPICAL SECTION NO. 1

USE WITH MAP 1

NTS

2-NOV-2014 13:37
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PAVEMENT SCHEDULE

PROJECT REFERENCE NO.	SHEET NO.
1CR.20371.38, ETC.	4

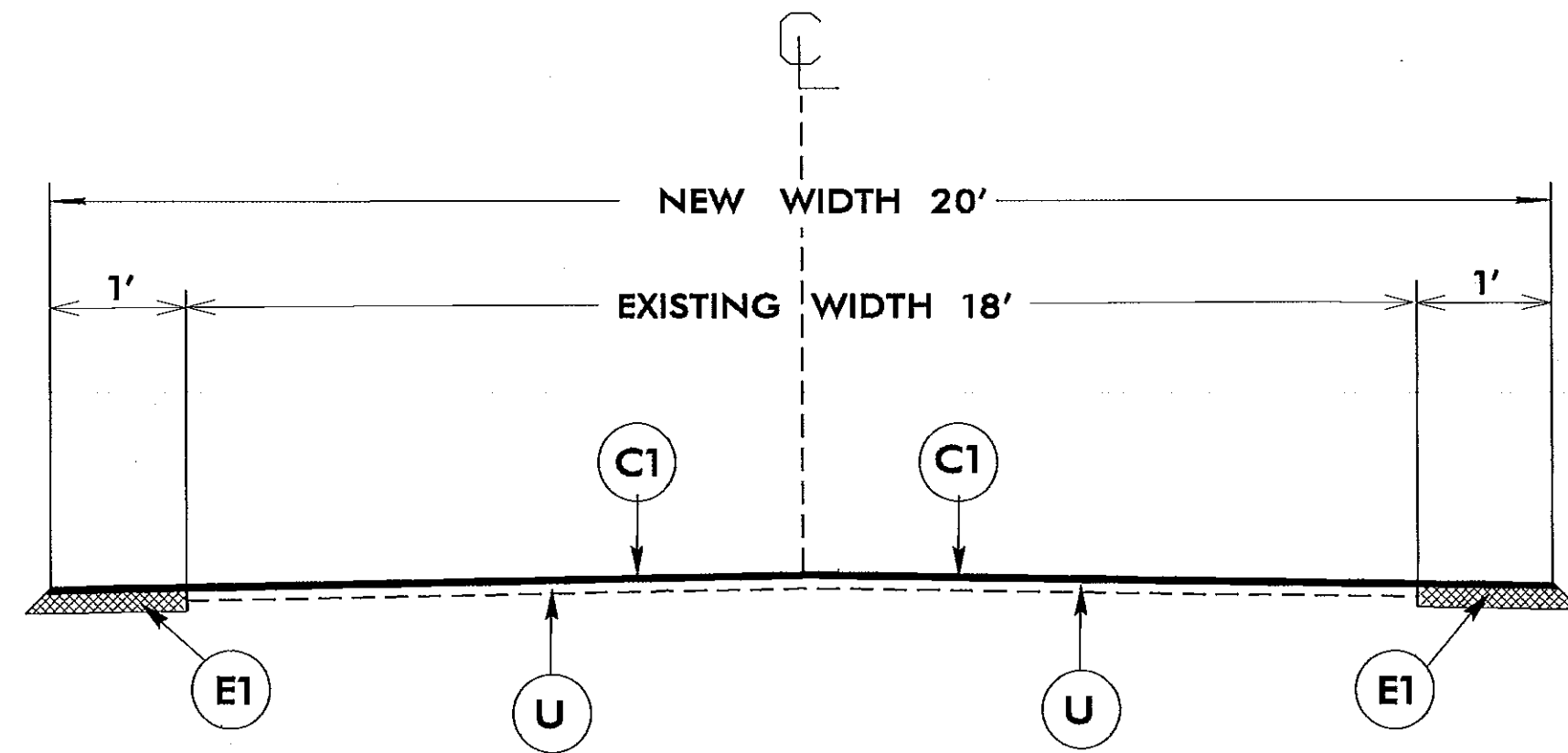
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U	EXISTING PAVEMENT.
E1	PROP. APPROX. 5½" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.

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*SHOULDERS TO BE RECONSTRUCTED BY OTHERS



TYPICAL SECTION NO. 2

USE WITH MAP 2,3

NTS

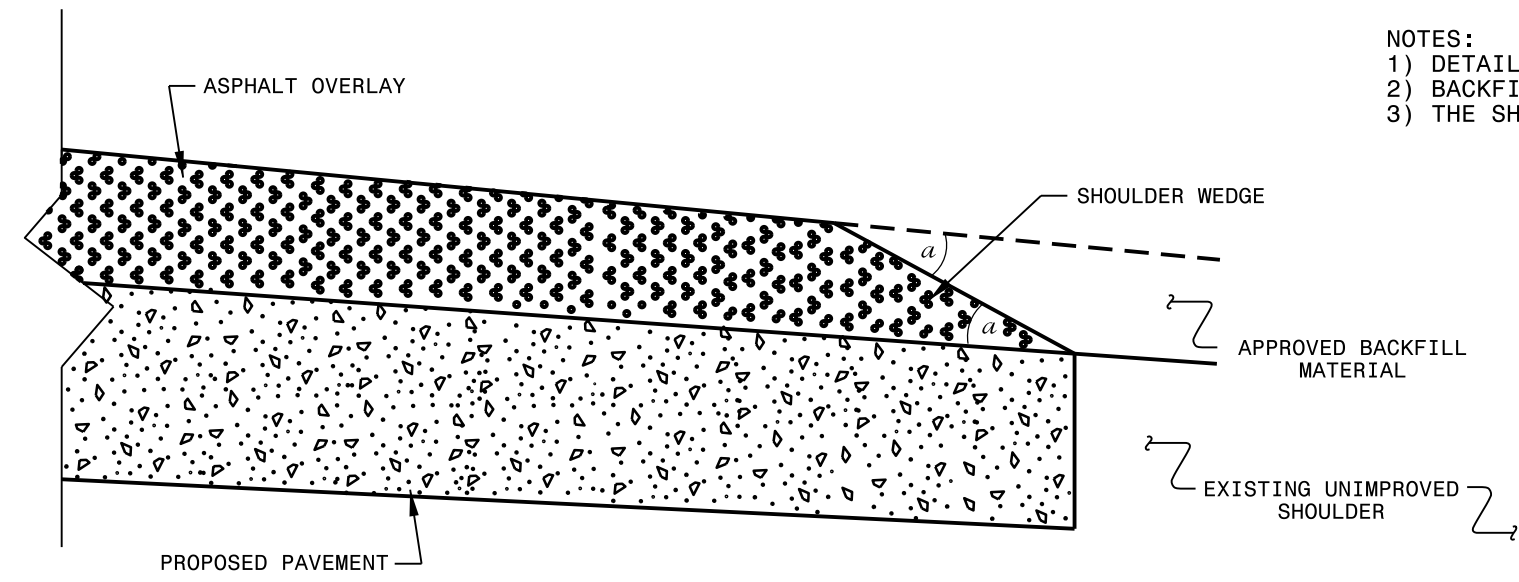
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PROJECT NO.	SHEET NO.	TOTAL NO.
1CR.20371.38, ETC.	5	6

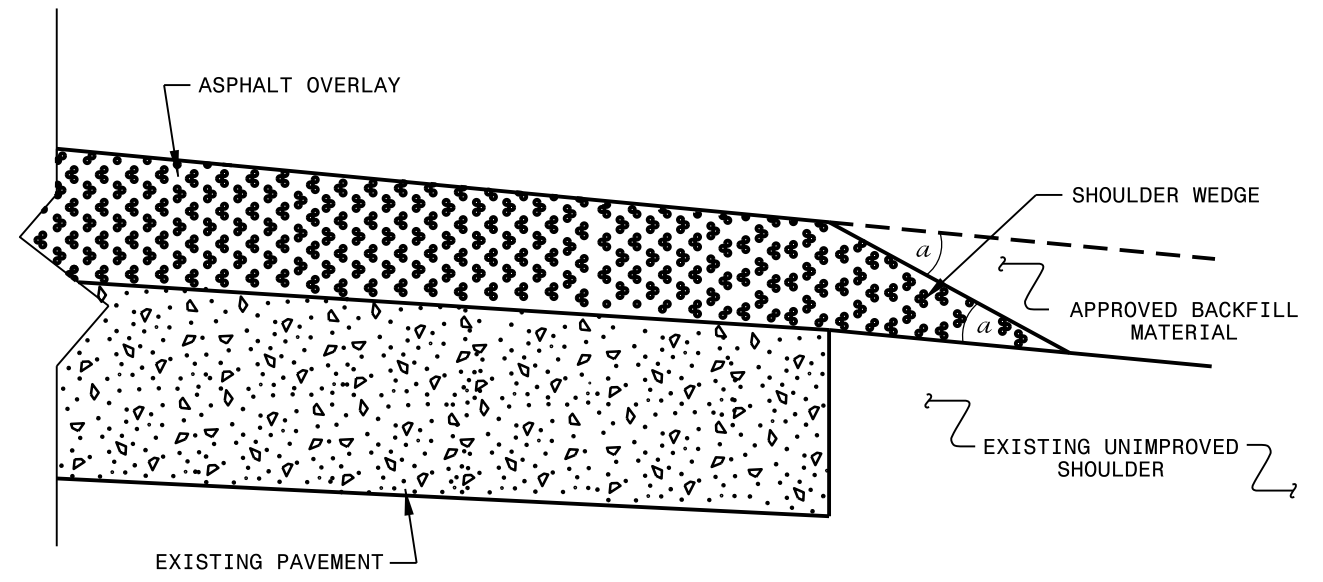
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	MOBILIZATION LS	INCIDENTAL STONE BASE TONS	BASE COURSE, B25.0B TONS	SURFACE COURSE, SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	6" CONCRETE DRIVEWAY SY	TEMPORARY TRAFFIC CONTROL LS	WORK ZONE SIGNS (STATIONARY) SF
1CR.20371.38	Gates	1	SR 1407 GATLING ROAD	FROM SR 1404 TO SR 1409	1	2	2WU	NO	NO	1.41	20	1	40		1,511	101		1	
1CR.20371.41	Gates	2	SR 1304 WILLEYTON ROAD	FROM SR 1303 TO VIRGINIA STATE LINE	2	2	2WU	NO	NO	7.45	18	*	200		8,202	550		*	
50138.3.FD23	Gates	3	SR 1304 WILLEYTON ROAD	FROM SR 1303 TO VIRGINIA STATE LINE	3	2	2WU	NO	NO	7.45	18	*		3,705		163	15	*	200
GRAND TOTAL										16.31		1	240	3,705	9,713	814	15	1	200

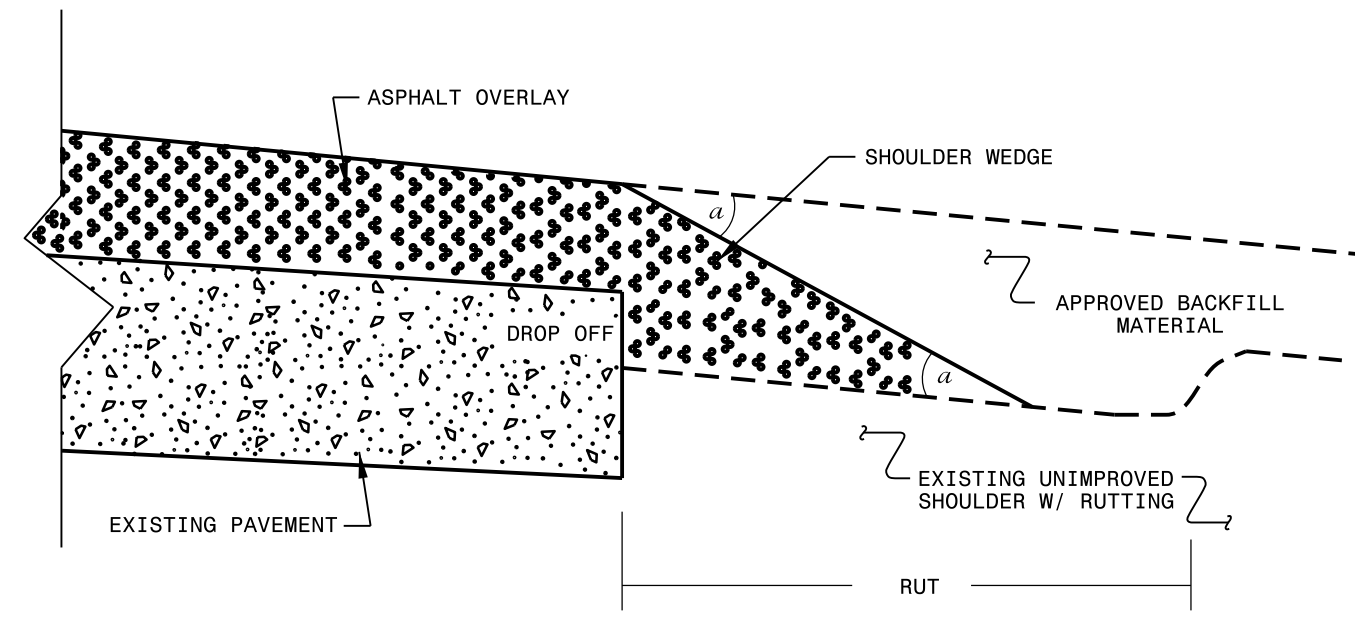
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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