

05/08/99

**CONTRACT NO.: DA00172 WBS ELEMENT: ICR.10661.24, ETC.**

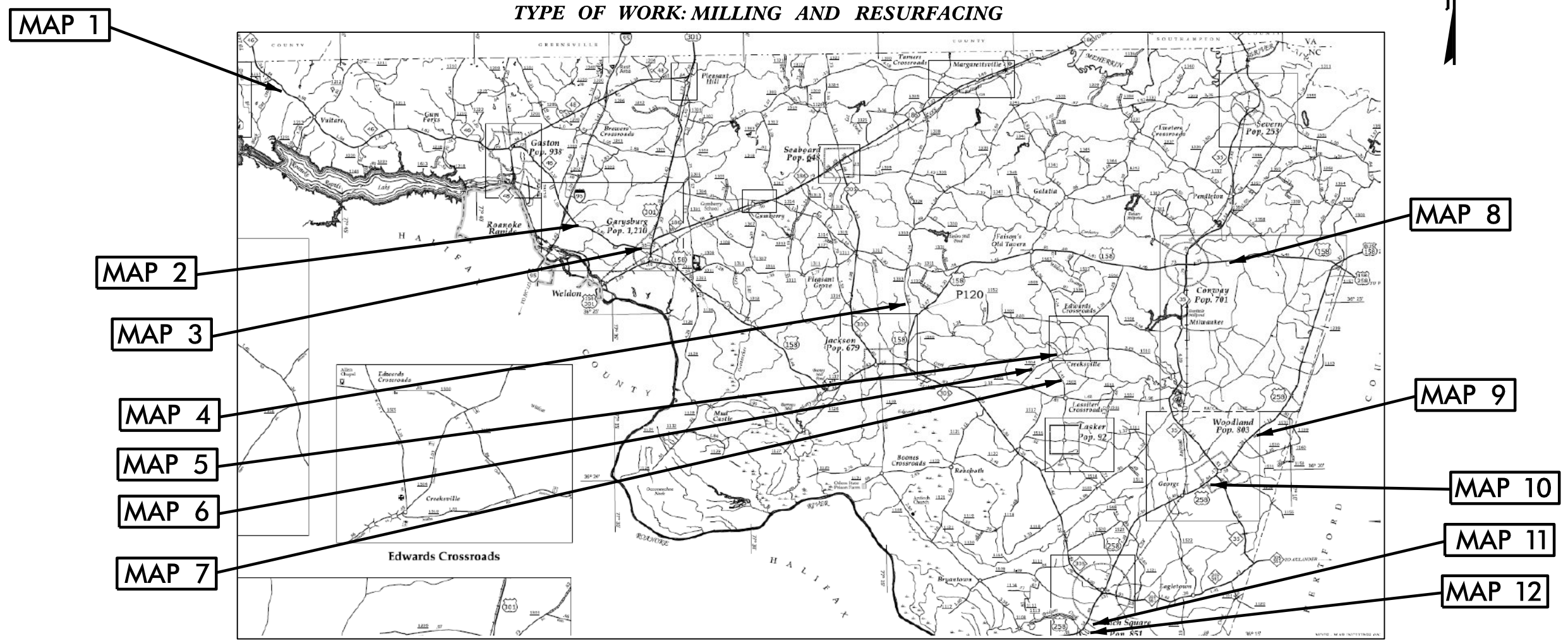
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**NORTHAMPTON COUNTY**

**LOCATION:** MAP 1 NC 46 FROM VA STATE LINE TO SR 1212  
 MAP 2 NC 46 FROM I-95 TO RAILROAD TRACK  
 MAP 3 NC 46 FROM RAILROAD TRACK TO US 301  
 MAP 4 SR 1333 FROM US 158 TO SR 1311  
 MAP 5 SR 1504 FROM SR 1505 TO SR 1503  
 MAP 6 SR 1504 FROM SR 1503 TO SR 1501  
 MAP 7 SR 1503 FROM SR 1504 TO SR 1501  
 MAP 8 SR 1560 FROM US 158 TO END  
 MAP 9 SR 1556 FROM US 258 TO US 258  
 MAP 10 SR 1527 FROM US 258 TO END  
 MAP 11 SR 1136 FROM US 258 TO END  
 MAP 12 SR 1553 FROM US 258 TO US 258

**TYPE OF WORK: MILLING AND RESURFACING**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	1CR.10661.24, ETC.	1	5
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
1CR.10661.24		MAP 1	
1CR.10661.25		MAP 2	
1CR.10661.26		MAP 3	
1CR.20661.86		MAP 4	
1CR.20661.93		MAP 5	
1CR.20661.94		MAP 6	
1CR.20661.92		MAP 7	
1CR.20661.91		MAP 8	
1CR.20661.90		MAP 9	
1CR.20661.89		MAP 10	
1CR.20661.87		MAP 11	
1CR.20661.88		MAP 12	



**NTS**

PROJECT LENGTH	
LENGTH OF ROADWAY PROJECT MAP 1	= 2.87 MI.
LENGTH OF ROADWAY PROJECT MAP 2	= 2.79 MI.
LENGTH OF ROADWAY PROJECT MAP 3	= 0.52 MI.
LENGTH OF ROADWAY PROJECT MAP 4	= 2.40 MI.
LENGTH OF ROADWAY PROJECT MAP 5	= 0.61 MI.
LENGTH OF ROADWAY PROJECT MAP 6	= 1.34 MI.
LENGTH OF ROADWAY PROJECT MAP 7	= 1.39 MI.
LENGTH OF ROADWAY PROJECT MAP 8	= 0.25 MI.
LENGTH OF ROADWAY PROJECT MAP 9	= 0.25 MI.
LENGTH OF ROADWAY PROJECT MAP 10	= 0.23 MI.
LENGTH OF ROADWAY PROJECT MAP 11	= 0.39 MI.
LENGTH OF ROADWAY PROJECT MAP 12	= 0.53 MI.

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 113 Airport Dr., Edenton NC, 27932

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2012 STANDARD SPECIFICATIONS

**LETTING DATE:**  
 NOVEMBER 27, 2013

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

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**C.E. SLACHTA**  
 DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS**  
 STATE OF NORTH CAROLINA

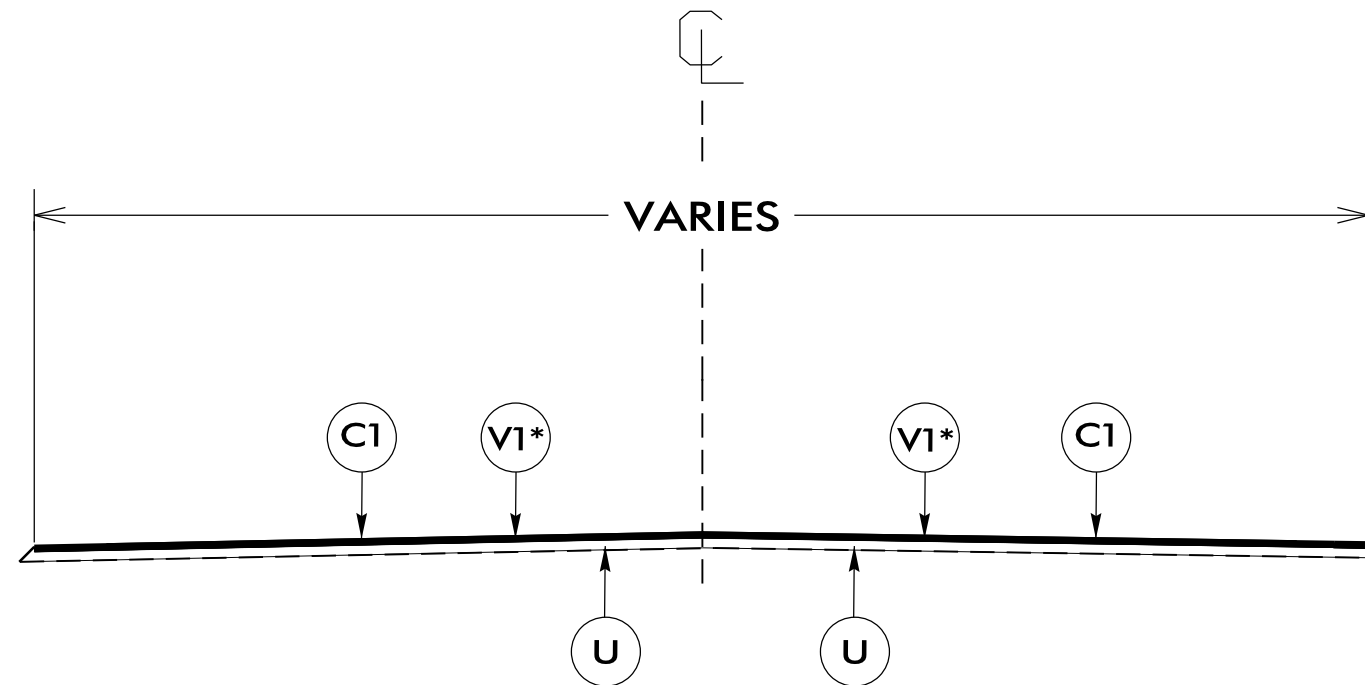
PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V1*	MILLING BITUMINOUS PAVEMENT. 1.5" IN DEPTH. TO BE USED ON MAPS 2 & 3 ONLY.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
1CR.10661.24, ETC.	2 of 5

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 SUMMARY OF QUANTITIES
- \*SHOULDER RECONSTRUCTION TO BE PERFORMED BY OTHERS
- \*PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS



TYPICAL SECTION NO.1

USE WITH MAPS 1 - 3

NTS

04-NOV-2013 13:41 C:\Users\jgibson\Documents\PROJECT WORKING FILES\District Two\DA00172 Northampton Co. Resurfacing (2014)\1 Pre-Bid Documents\Plans\1-Title & Typical\1.dgn

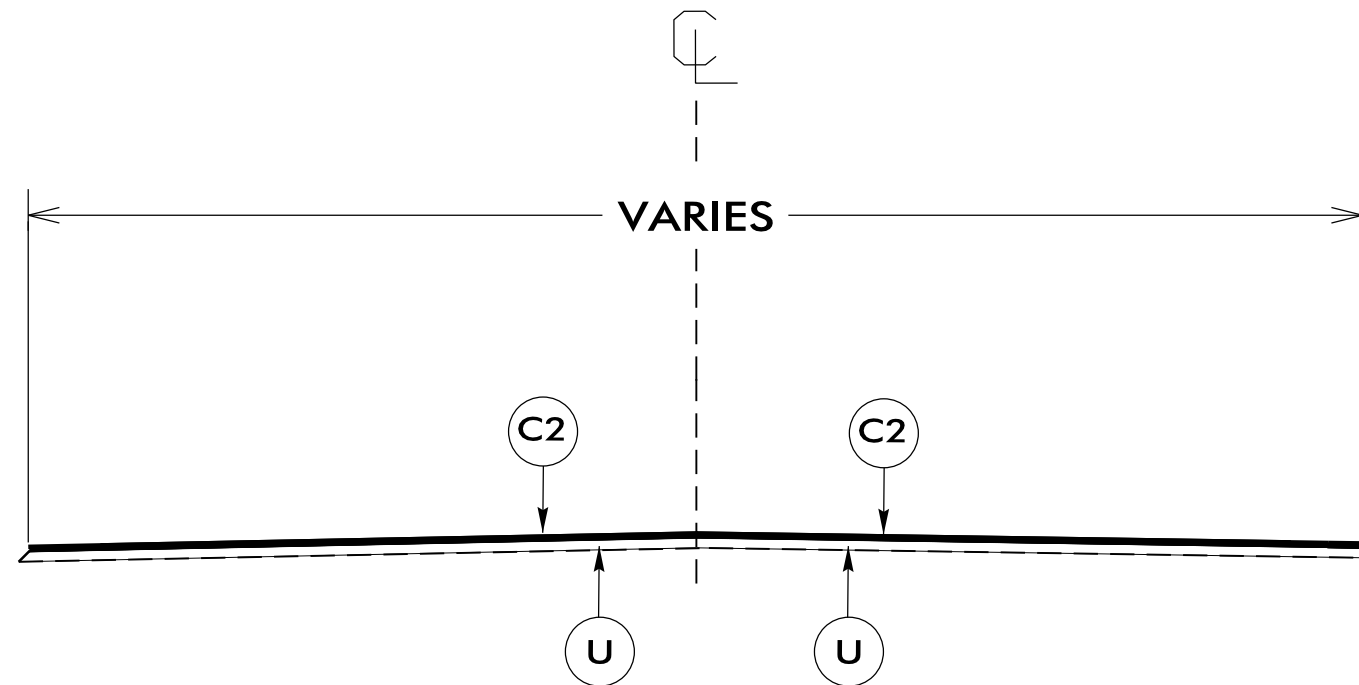
PAVEMENT SCHEDULE

C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
1CR.10661.24, ETC.	3 of 5

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 SUMMARY OF QUANTITIES
- \*SHOULDER RECONSTRUCTION TO BE PERFORMED BY OTHERS
- \*PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS
- \*BRIDGE NO. 20 ON MAP 5 TO BE MILLED 1" AND RESURFACED WITH 1.25" OF MIX SF9.5A.
- \*BRIDGE NO. 21 ON MAP 5 TO BE MILLED 3" AND RESURFACED WITH 1.25" OF MIX SF9.5A.

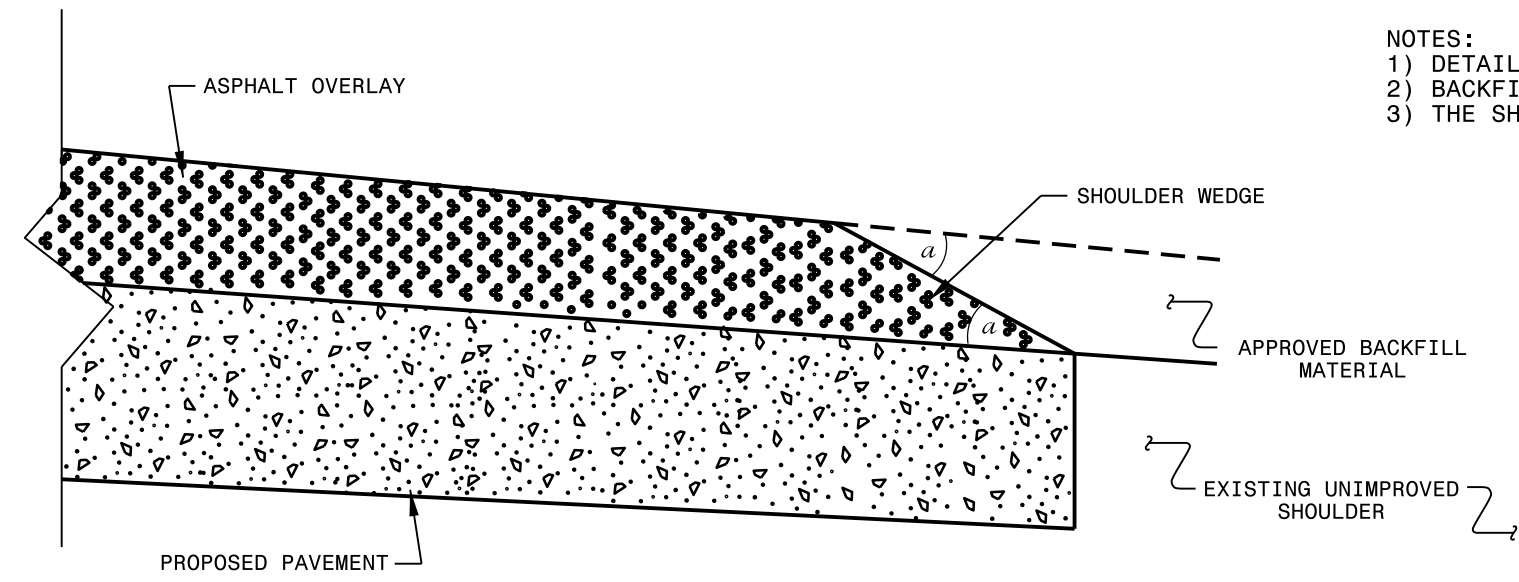


**TYPICAL SECTION NO.2**

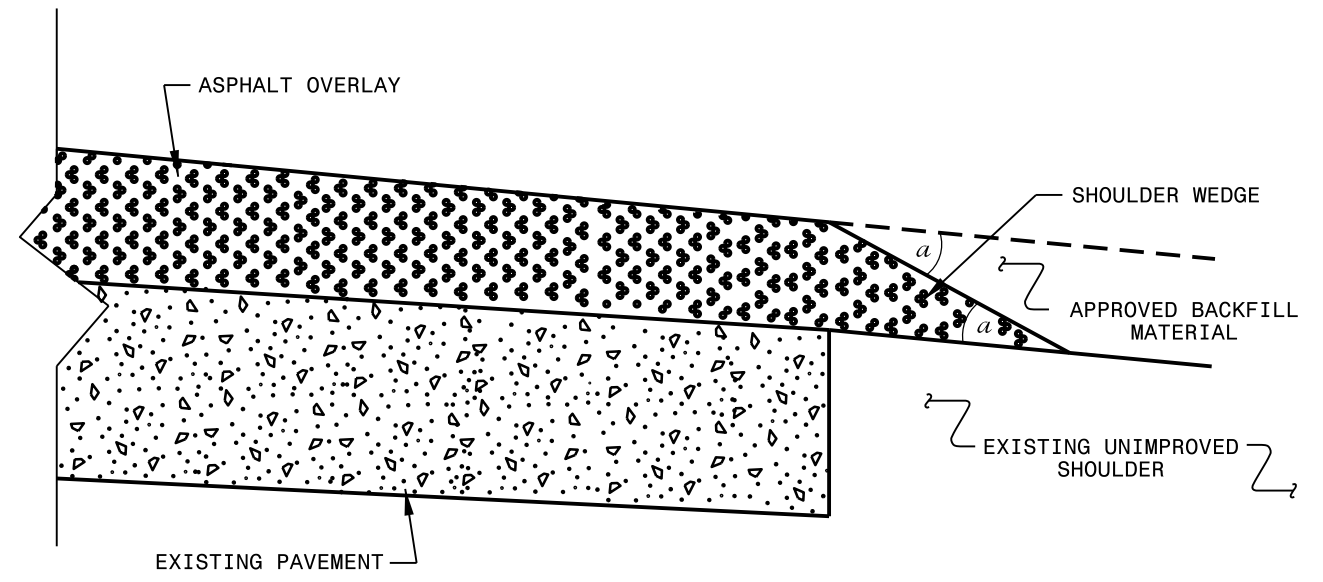
**USE WITH MAPS 4 - 12**

NTS

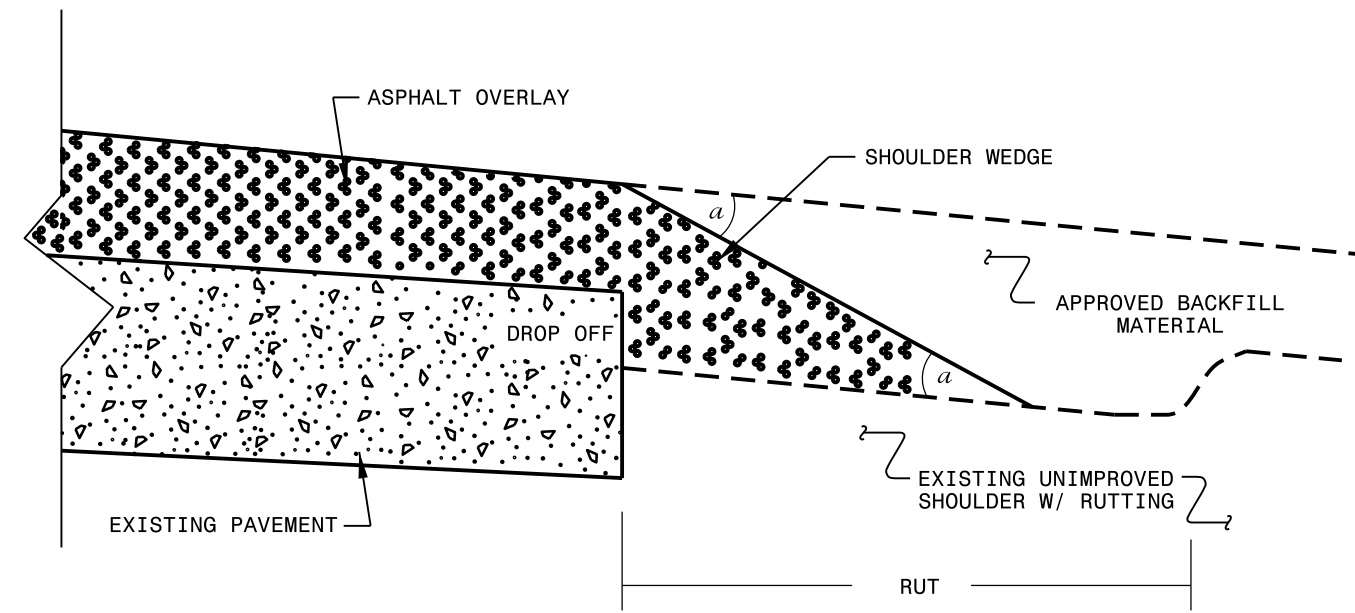
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**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°

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>SHOULDER WEDGE DETAILS</b>	
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

PROJECT NO.	SHEET NO.	TOTAL NO.
1CR.10661.24, ETC.	5	5

## 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	1½" MILLING SY	1" TO 3" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	TEMPORARY TRAFFIC CONTROL LS
1CR.10661.24	Northampton	1	NC 46	FROM VA LINE TO SR 1212	1	2	2WU	NO	NO	2.87	25	1				4,294		258			1
1CR.10661.25	Northampton	2	NC 46	FROM I-95 TO RR	1	2	2WU	NO	NO	2.79	30	*	50,900			4,721		283		2	*
1CR.10661.26	Northampton	3	NC 46	FROM RR TO US 301	1	2	2WU	NO	NO	0.52	26	*	7,933			879		53			*
1CR.20661.86	Northampton	4	SR1333	FROM US 158 TO SR 1311	2	2	2WU	NO	NO	2.40	20	*			100		2,141	143			*
1CR.20661.93	Northampton	5	SR1504	FROM SR 1505 TO SR 1503	2	2	2WU	NO	NO	0.61	20.5	*		500	90		592	40			*
1CR.20661.94	Northampton	6	SR1504	FROM SR 1503 TO SR 1501	2	2	2WU	NO	NO	1.34	18	*			40		1,076	72			*
1CR.20661.92	Northampton	7	SR1503	FROM SR 1504 TO SR 1501	2	2	2WU	NO	NO	1.39	20	*			40		1,240	83			*
1CR.20661.91	Northampton	8	SR1560	FROM US 158 TO END	2	2	2WU	NO	NO	0.25	18	*			30		226	15			*
1CR.20661.90	Northampton	9	SR1556	FROM US 258 TO US 258	2	2	2WU	NO	NO	0.25	18	*			60		206	14			*
1CR.20661.89	Northampton	10	SR1527	FROM US 258 TO END	2	2	2WU	NO	NO	0.23	20	*			30		222	15	1		*
1CR.20661.87	Northampton	11	SR1136	FROM US 258 TO END	2	2	2WU	NO	NO	0.39	19	*			30		342	23			*
1CR.20661.88	Northampton	12	SR1553	FROM US 258 TO US 258	2	2	2WU	NO	NO	0.53	19	*			60		466	31			*
<b>GRAND TOTAL</b>										<b>13.58</b>		<b>1</b>	<b>58,833</b>	<b>500</b>	<b>480</b>	<b>9,894</b>	<b>6,511</b>	<b>1,030</b>	<b>1</b>	<b>2</b>	<b>1</b>