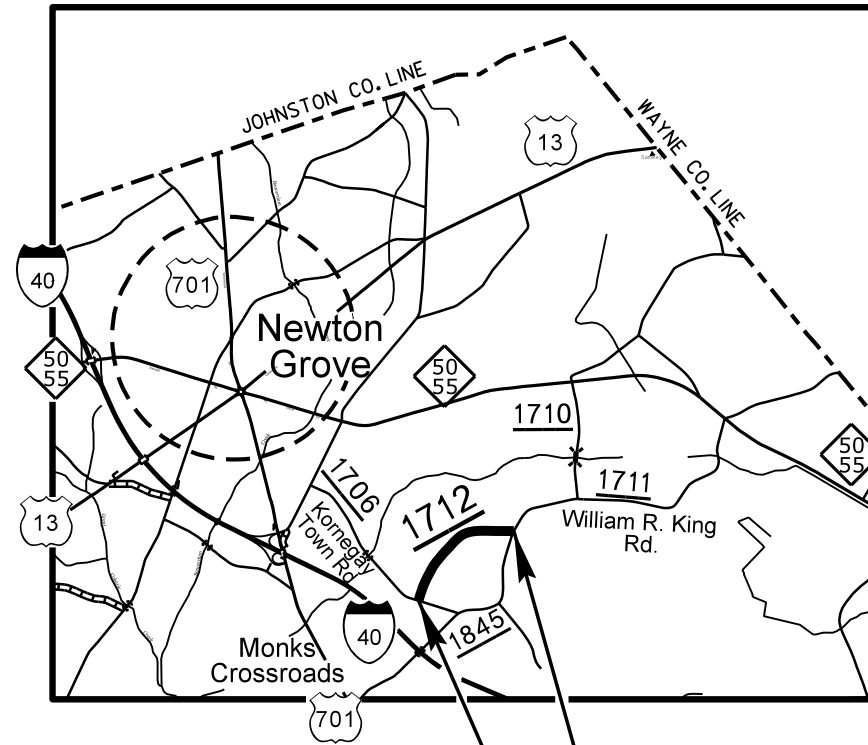


# SAMPSON COUNTY

**LOCATION: 2 SECTIONS OF SECONDARY ROADS**

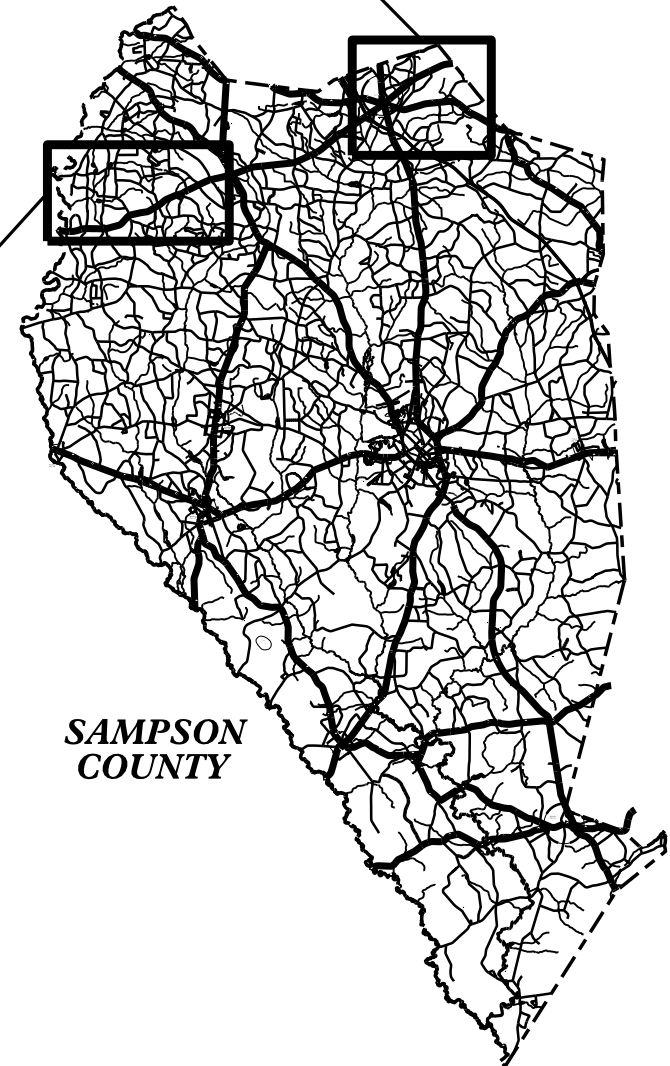
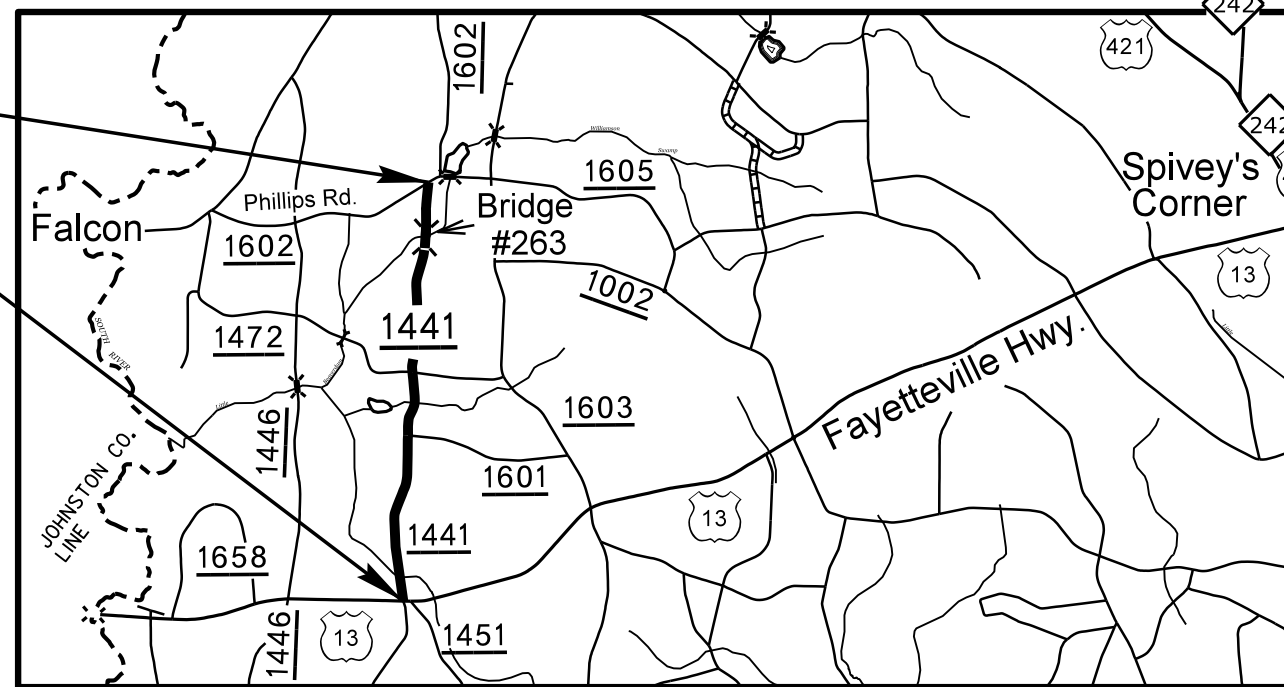
**TYPE OF WORK: RESURFACING & PAVEMENT MARKINGS, ETC.**

INDEX OF SHEETS	
SHEET NO.	SHEET
1	INDEX OF SHEETS & TITLE SHEET
2 - 4	PAVEMENT SCHEDULE, TYPICAL SECTIONS & DETAIL SHEETS
5 - 6	SUMMARY OF QUANTITIES
7	TRAFFIC CONTROL DETAIL



SR 1712  
Blake Rd. **2**

SR 1441  
Charles  
Newland Rd. **1**



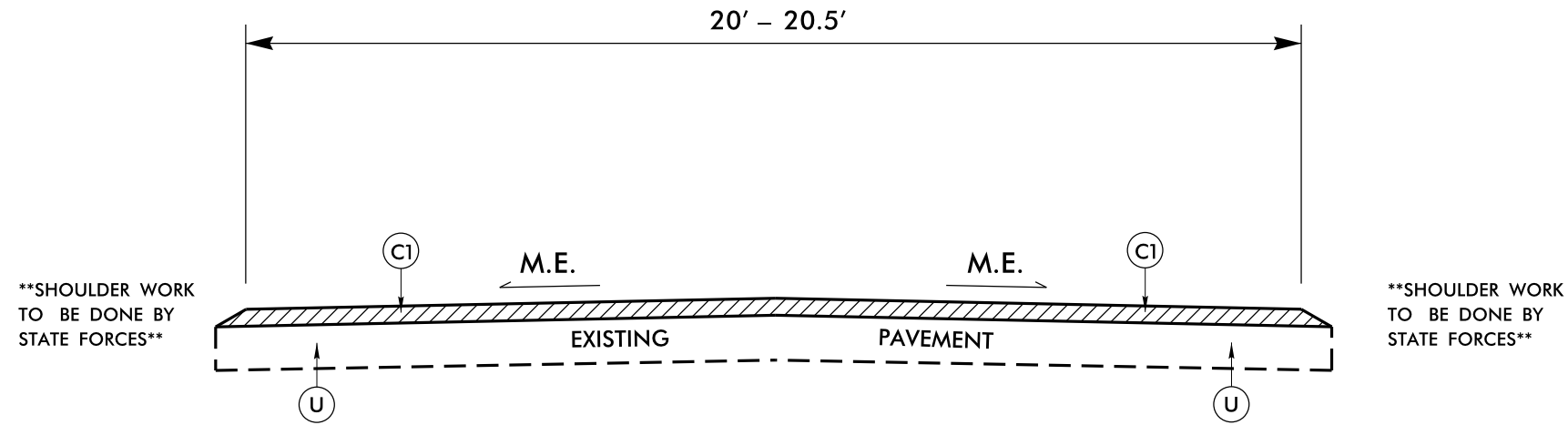
SAMPSON  
COUNTY

MAPS N.T.S.

REVISIONS  
 22-JAN-2016 13:59  
 S:\Division\Resurfacing\Resurfacing Data\2016\Resurfacing\Sampson County\Additional Funds\2016CPT.03.35.20821\2016CPT.03.35.20821\_TSH.dgn  
 \$\$\$SUN\$MAME\$\$\$

22-JAN-2016 07:44  
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 \$\$\$SUSPENSE\$\$\$

REVISIONS



**TYPICAL SECTION NO. 1**

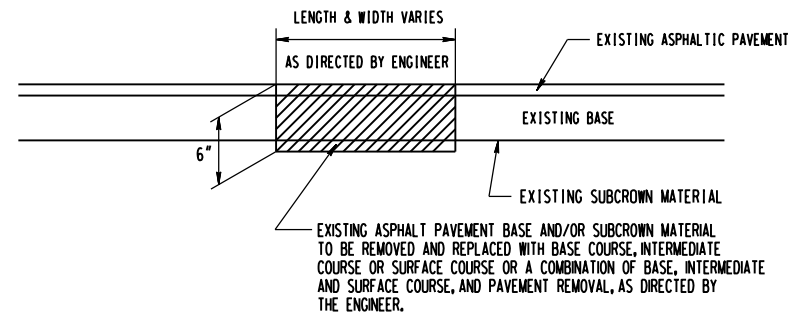
MAP NO. 1	MAP NO. 2
SR 1441 (CHARLES NEWLAND RD.)	SR 1712 (BLAKE RD.)
MP 6.55 - MP 9.55	MP 0.00 - MP 1.10
(NO WORK BRIDGE #263	
MP 9.135 - MP 9.210)	

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
U	EXISTING PAVEMENT

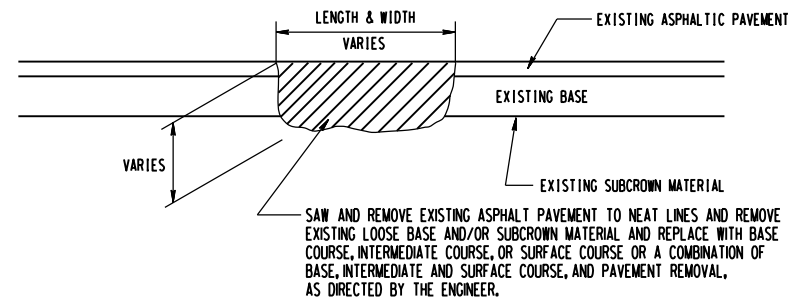
PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.

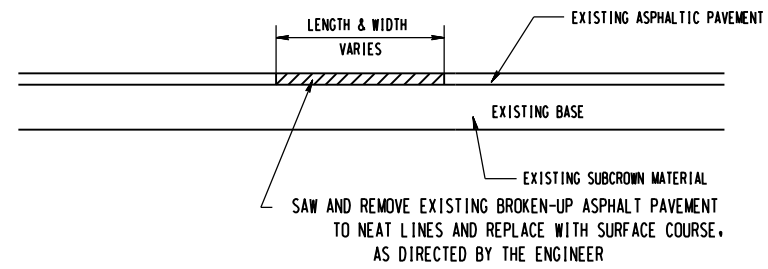
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



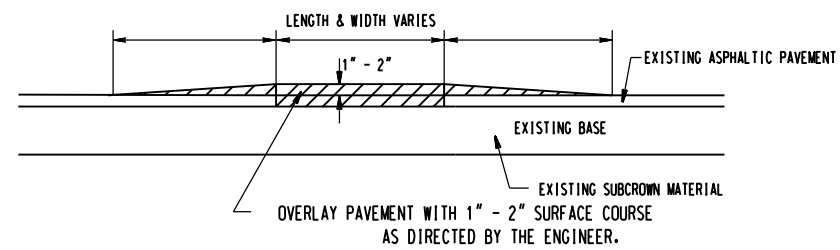
DETAIL NO. 1



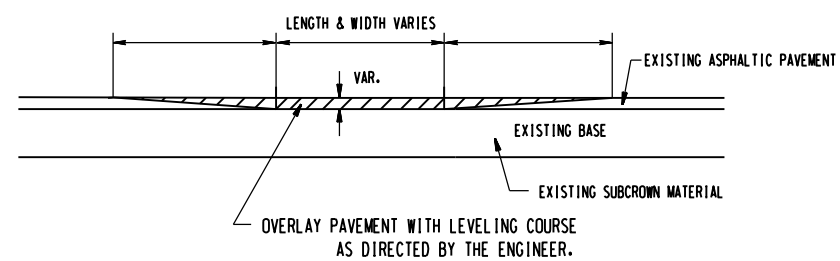
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4

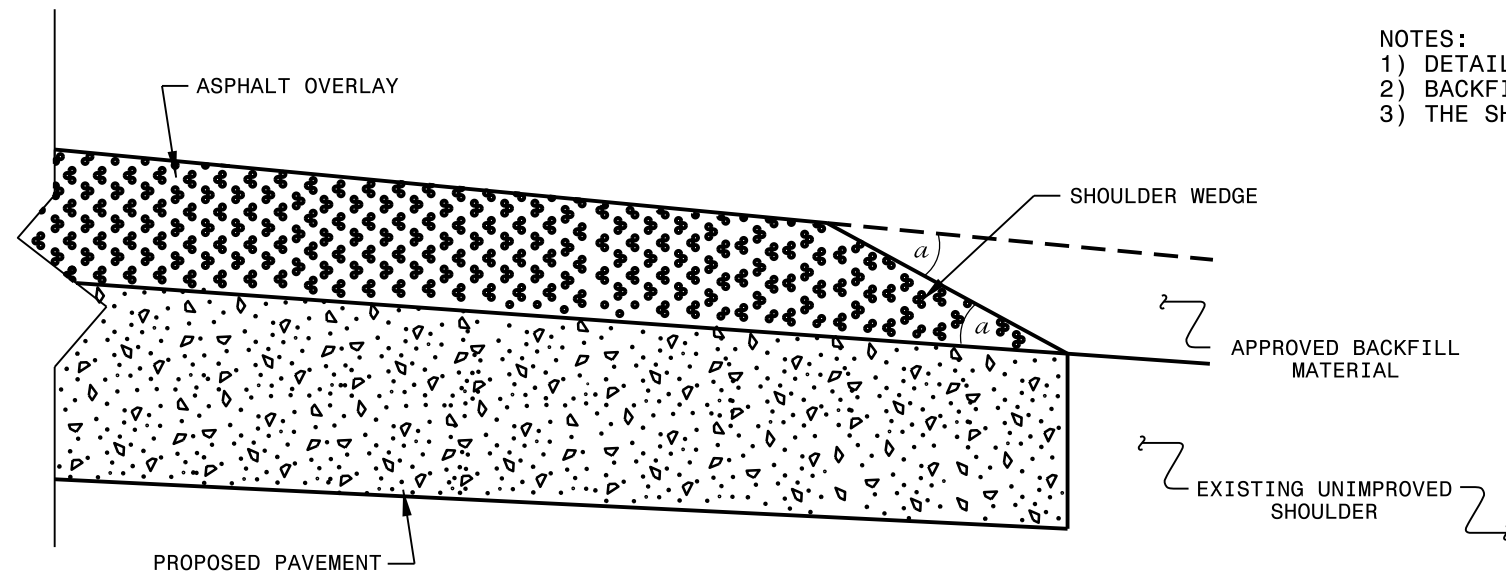


DETAIL NO. 5

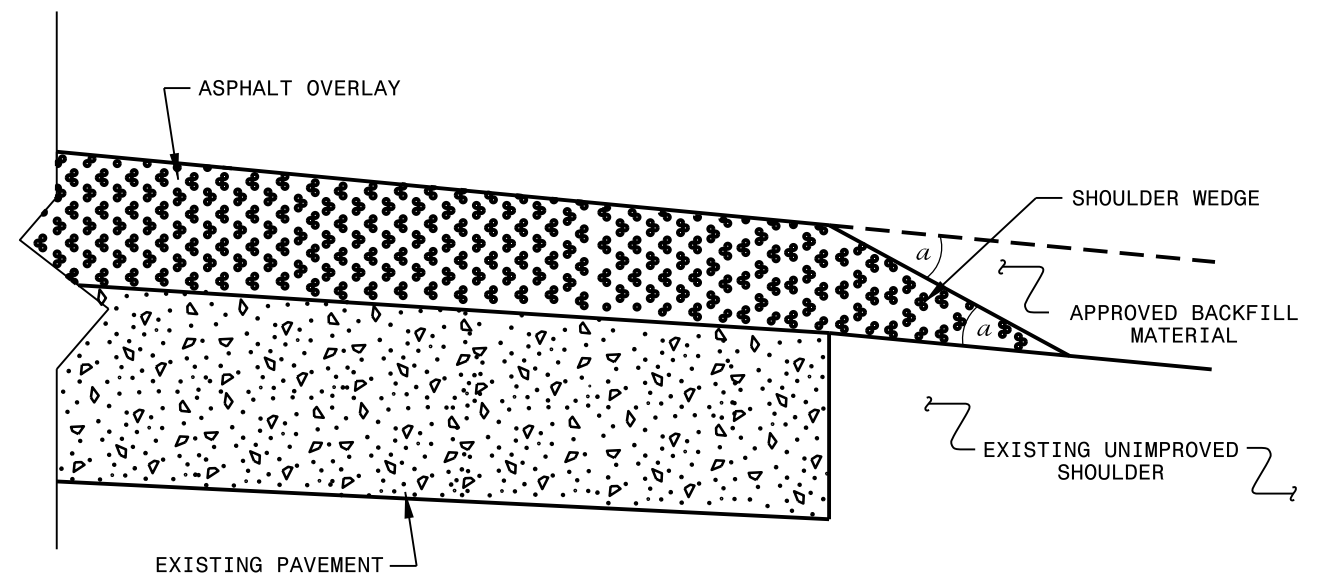
REVISIONS

22-JAN-2016 13:48  
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 \$\$\$USERNAME\$\$\$

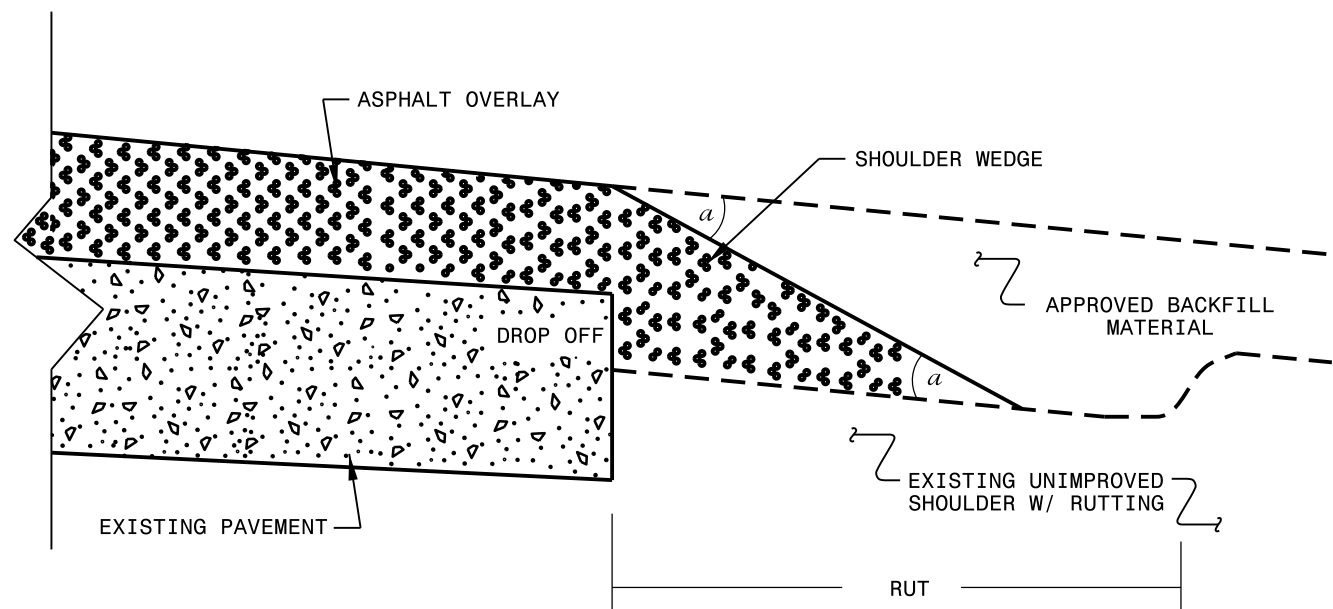
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**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°

<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.
2016CPT.03.35.20821	5

## SUMMARY OF QUANTITIES

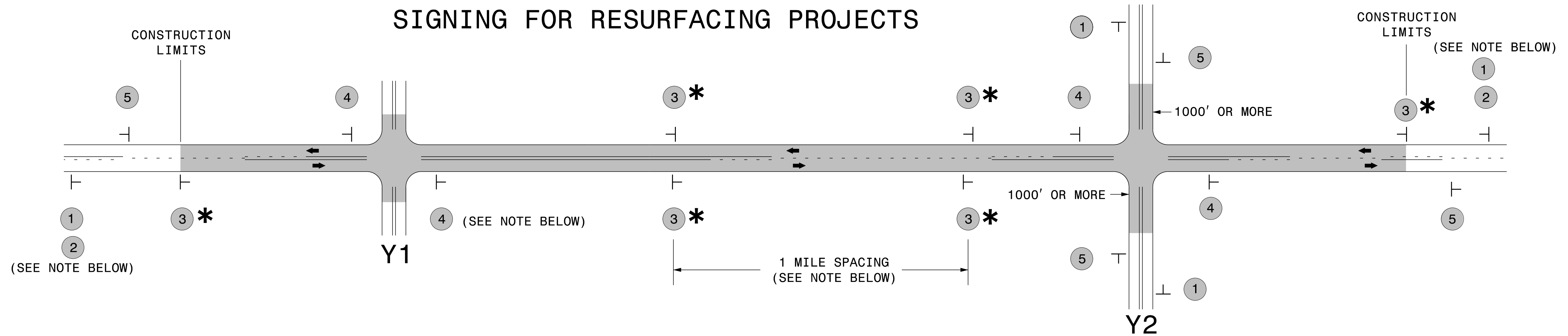
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	INC. MILLING SY	SURFACE COURSE, S9.5B TONS	LEVELING COURSE, S9.5B TONS	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT (MILL) GENERIC TON
2016CPT.03.35.20821	SAMPSON	1	SR 1441 (CHARLES NEWLAND ROAD)	FROM US 13 TO SR 1602 (PHILLIPS RD.) MP 6.55 TO MP 9.55	1	2	2WU	NO	NO	3.0	20	445	3,124	100	194	25
<b>TOTAL FOR MAP NO. 1</b>																
2016CPT.03.35.20821	SAMPSON	2	SR 1712 (BLAKE ROAD)	FROM SR 1706 (KORNEGAY TOWN RD.) TO SR 1711 (WILLIAM R. KING RD.) MP 0.00 TO MP 1.10	1	2	2WU	NO	NO	1.1	20.5	171	1,118	150	77	25
<b>TOTAL FOR MAP NO. 2</b>																
<b>TOTAL FOR PROJ NO. 2016CPT.03.35.20821</b>																
<b>GRAND TOTAL</b>																
										<b>4.1</b>		<b>616</b>	<b>4,242</b>	<b>250</b>	<b>271</b>	<b>50</b>

PROJECT NO.	SHEET NO.
2016CPT.03.35.20821	6

**THERMOPLASTIC AND PAINT QUANTITIES**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4685000000-E	4686000000-E	4900000000-N
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 120 M YELLOW THERMO	YELLOW & YELLOW MARKERS
										SF	LS	LF	LF	EA
2016CPT.03.35.20821	Sampson	1	SR 1441 (CHARLES NEWLAND ROAD)	FROM US 13 TO SR 1602 (PHILLIPS RD.) MP 6.55 TO MP 9.55	1	2	2WU	3.0	20	336	0.73	32,280	19,800	198
<b>TOTAL FOR MAP NO. 1</b>										<b>336</b>	<b>0.73</b>	<b>32,280</b>	<b>19,800</b>	<b>198</b>
2016CPT.03.35.20821	Sampson	2	SR 1712 (BLAKE ROAD)	FROM SR 1706 (KORNEGAY TOWN RD.) TO SR 1711 (WILLIAM R. KING RD.) MP 0.00 TO MP 1.10	1	2	2WU	1.1	20.5	128	0.27	11,836	7,260	73
<b>TOTAL FOR MAP NO. 2</b>										<b>128</b>	<b>0.27</b>	<b>11,836</b>	<b>7,260</b>	<b>73</b>
<b>TOTAL FOR PROJ NO. 2016CPT.03.35.20821</b>										<b>464</b>	<b>1</b>	<b>44,116</b>	<b>27,060</b>	<b>271</b>
<b>GRAND TOTAL</b>										<b>464</b>	<b>1</b>	<b>44,116</b>	<b>27,060</b>	<b>271</b>

## SIGNING FOR RESURFACING PROJECTS



LEGEND	
	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

<b>SIGNING NOTES AND PLACEMENT PER DIRECTION</b>	1	 <small>W20-1 48" X 48"</small>	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.		
	2	 <small>W7-3aP 24" X 18"</small>	#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)		
	3 *	 <small>SP 13107 48" X 48"</small>	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.		
	4	 <small>SP 13106 48" X 48"</small>	THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.		
	5	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.		

**NO REQUIRED STATIONARY SIGNING FOR THE  
FOLLOWING -Y- LINE CONDITIONS:**

- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED  
-Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE  
-Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

### \* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS:  
STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).



**RESURFACING  
ADVANCE WARNING SIGNS  
FOR  
RURAL AND SUBURBAN  
2 LANE ROADWAYS**