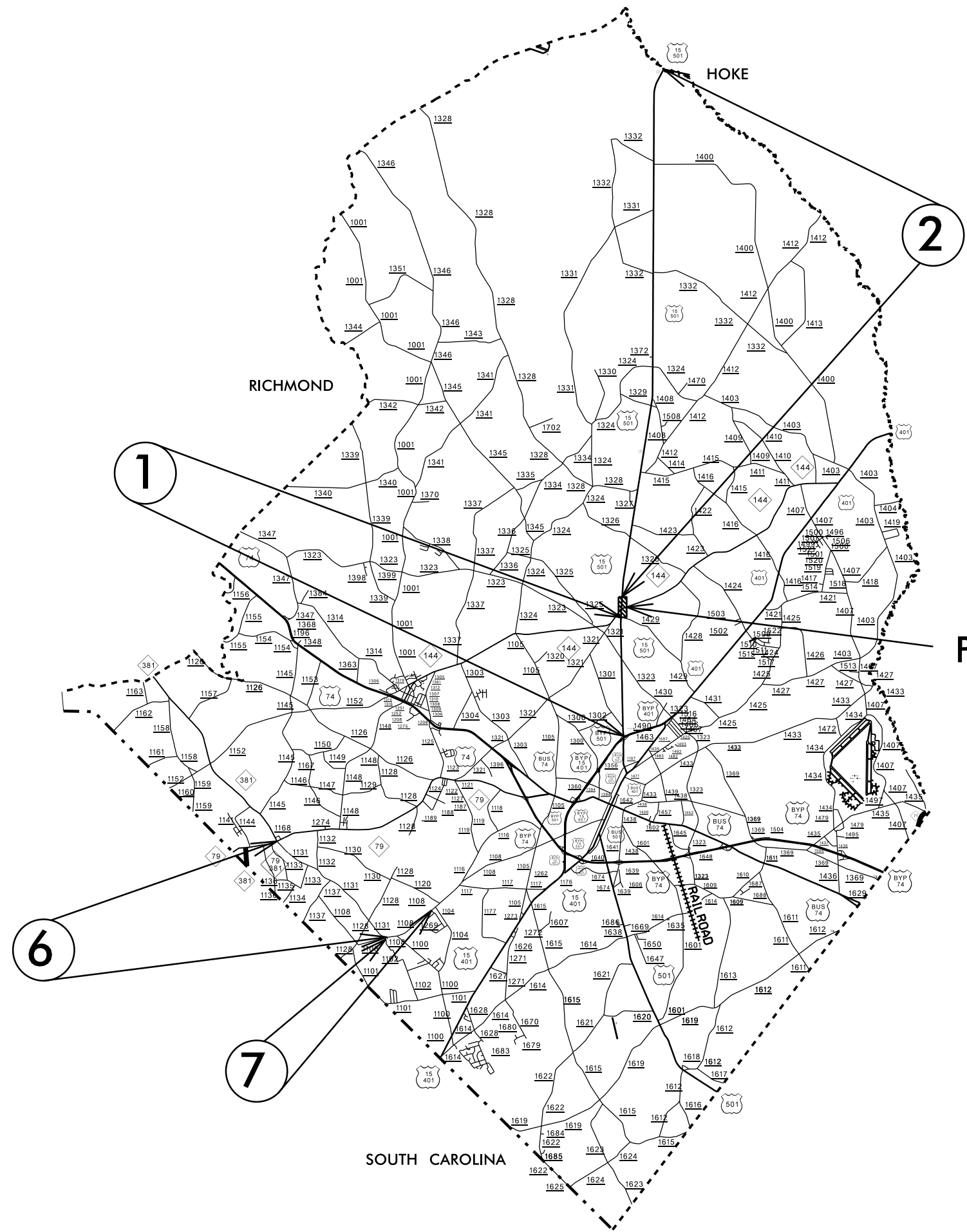


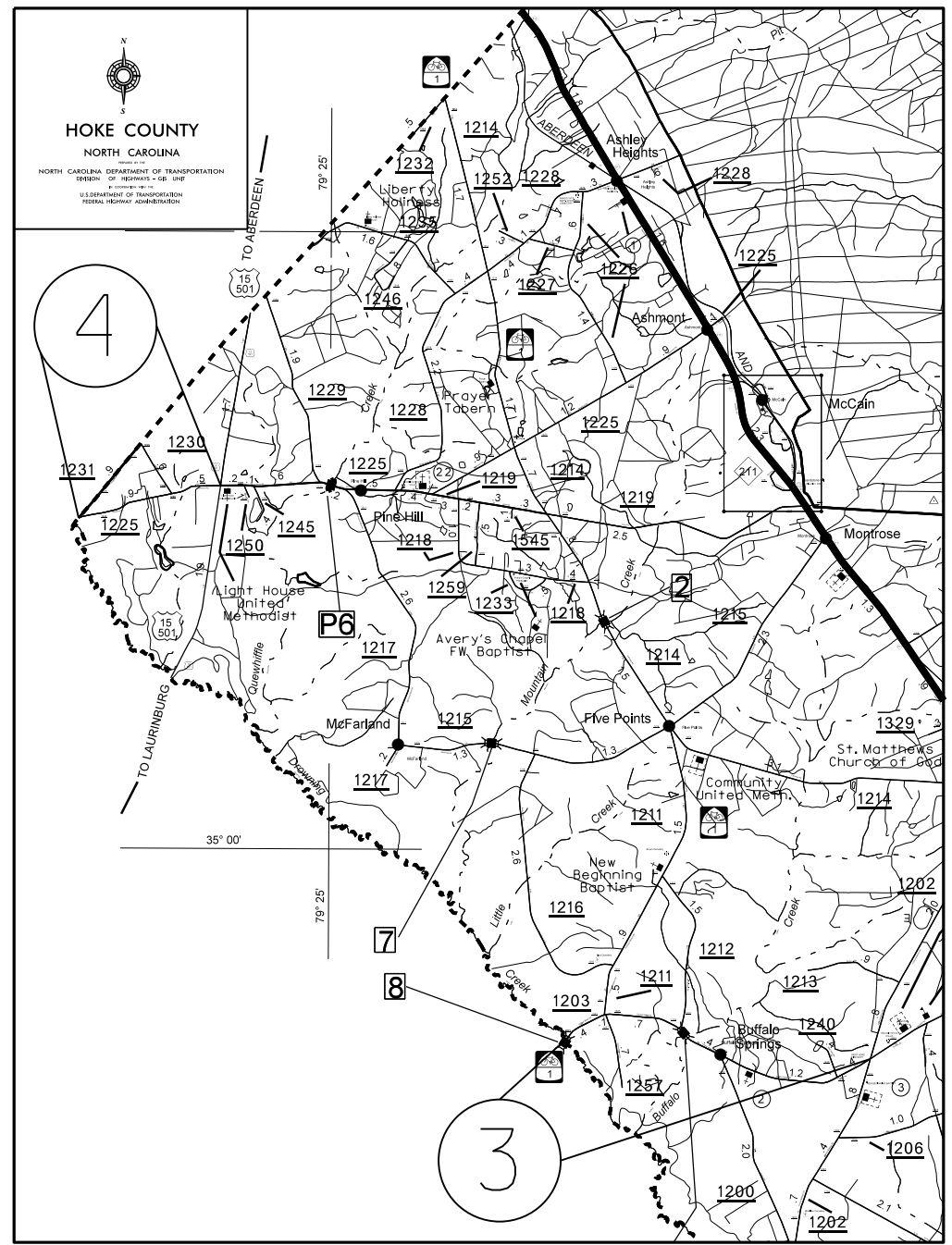
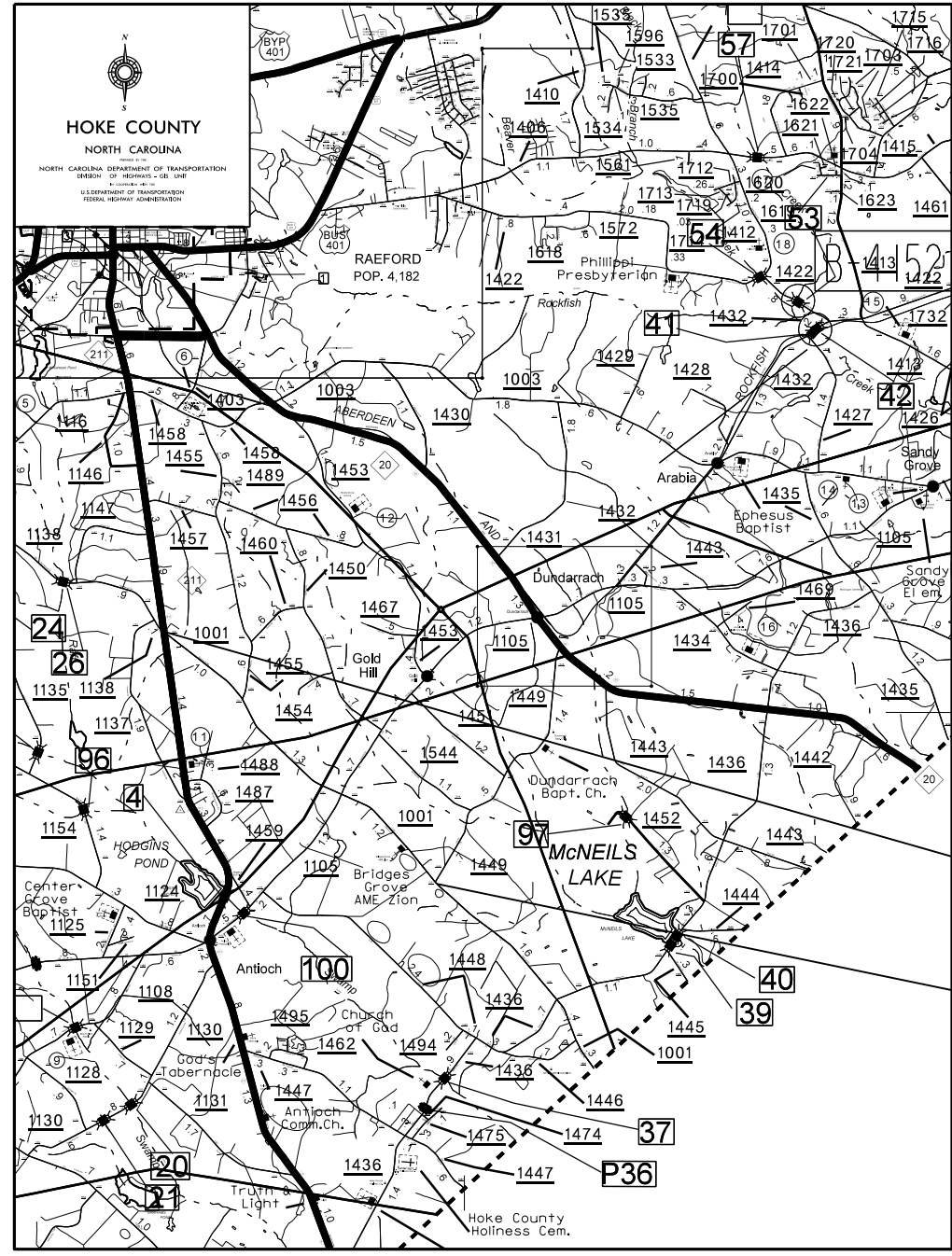
040397

DATE PLOTTED: 08/24/17
 PLOT BY: JACOBSON
 PLOT SCALE: 1"=100'
 PLOT SHEET: 1 OF 1
 PLOT PROJECT: 2017CPT.08.24.10831
 PLOT DRAWING: 2017CPT.08.24.20471
 PLOT DESCRIPTION: 2017CPT.08.24.20831



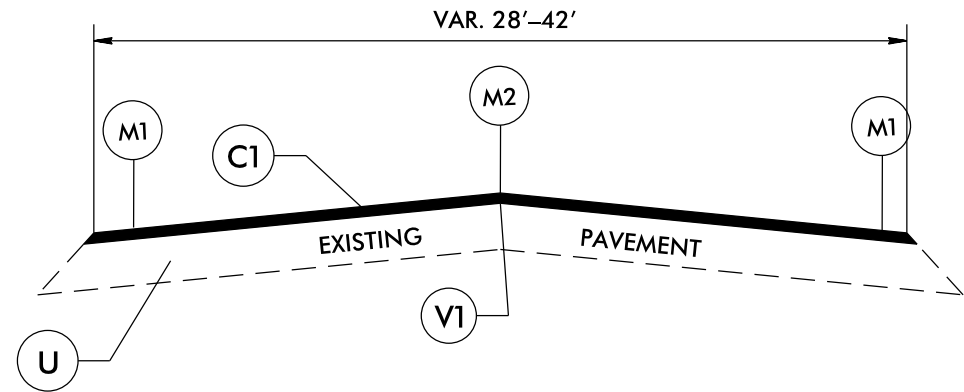
PROJECT W-5208MA

SCOTLAND COUNTY

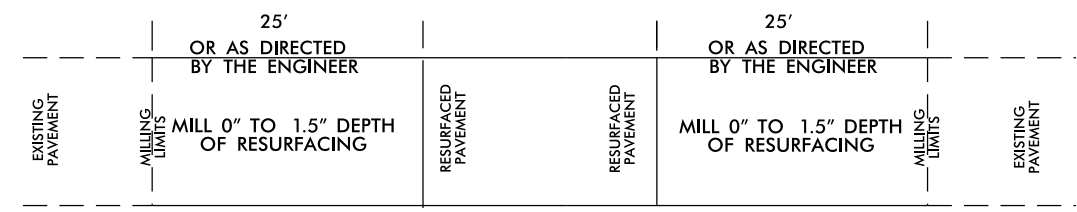


040397

US TIME SCHEDULED FOR CONSTRUCTION



TYPICAL SECTION NO. 1

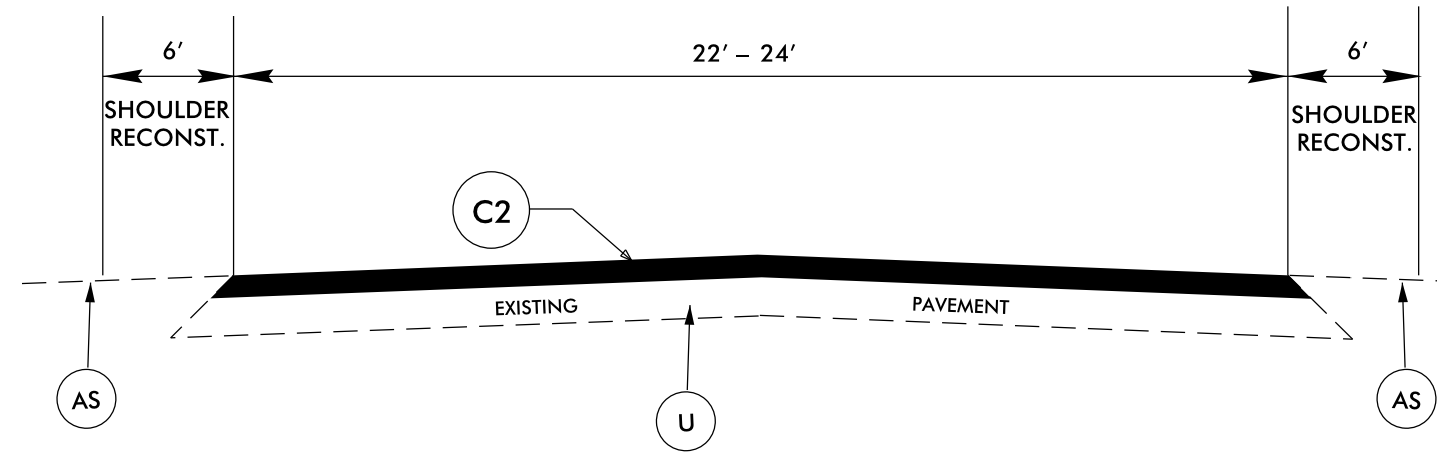
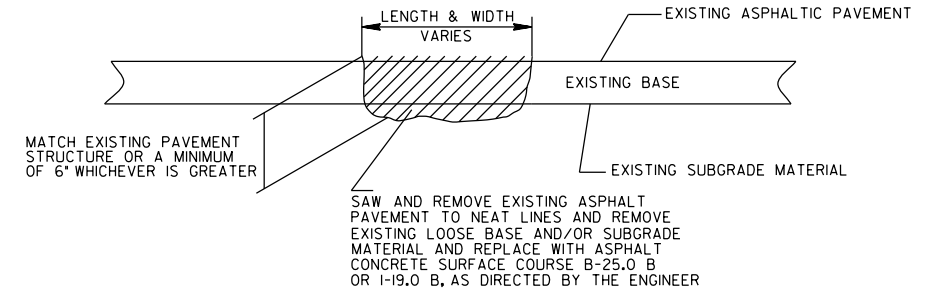


** MILLING TO BE PAID FOR AS INCIDENTAL MILLING

PAVEMENT TIE-IN DETAIL

DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING

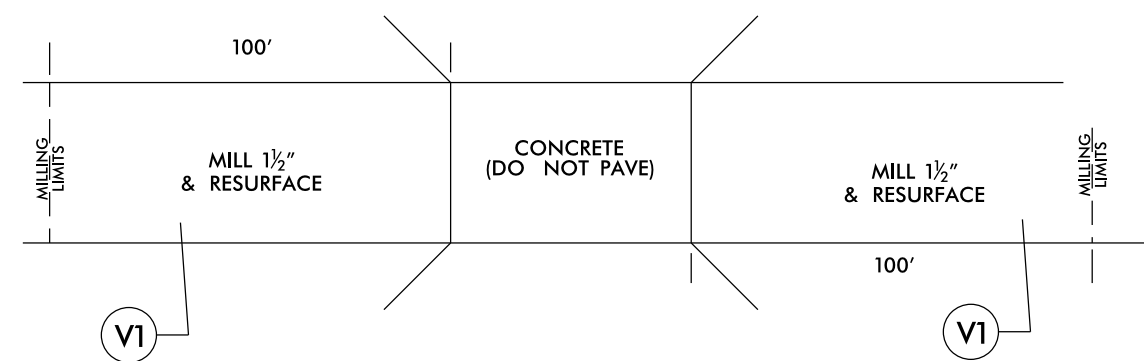
DETAIL NO. 1



TYPICAL SECTION NO. 2

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5 " ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5 " ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
M1	MILLED RUMBLE STRIP (EDGE LINE)
M2	MILLED RUMBLE STRIP (CENTERLINE)
AS	AGGREGATE SHOULDER BORROW (ASB)
U	EXISTING PAVEMENT
V1	1.5" MILLING

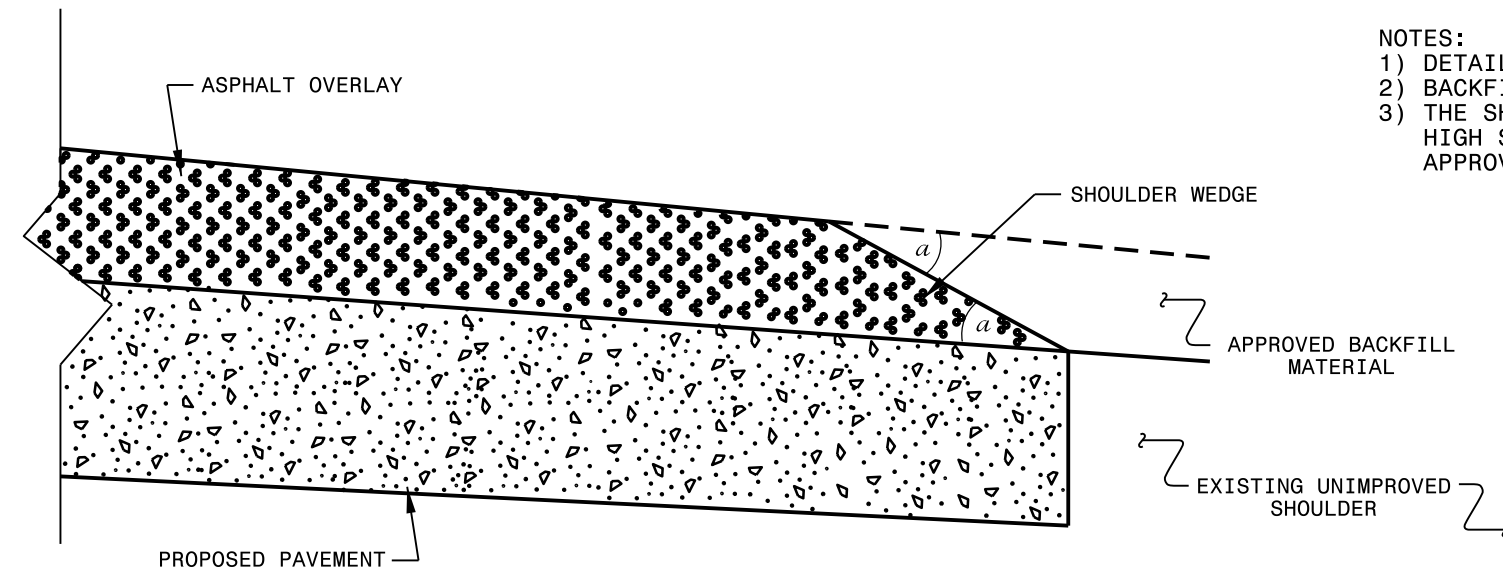


**BRIDGE DRAWING FOR
MAP NO 2
US 15-501 (BRIDGE NO 65)**

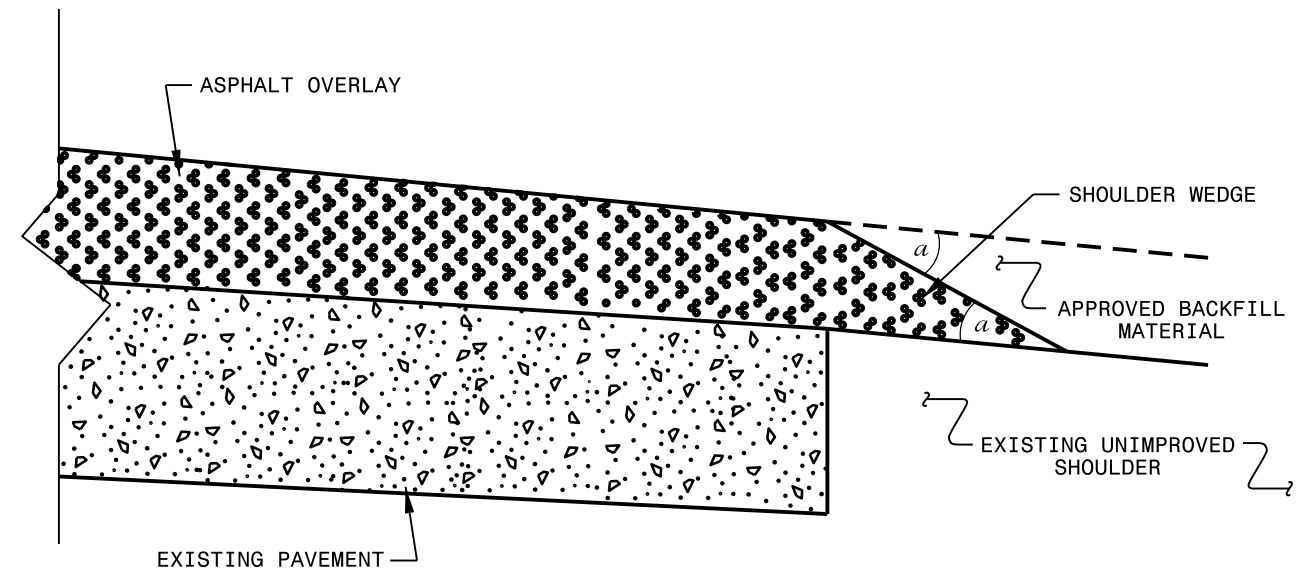
040397
CONSTRUCTION
DRAWING
NO. 1000
DATE 08/24/17
BY [unreadable]
CHECKED [unreadable]
APPROVED [unreadable]

NOTES:

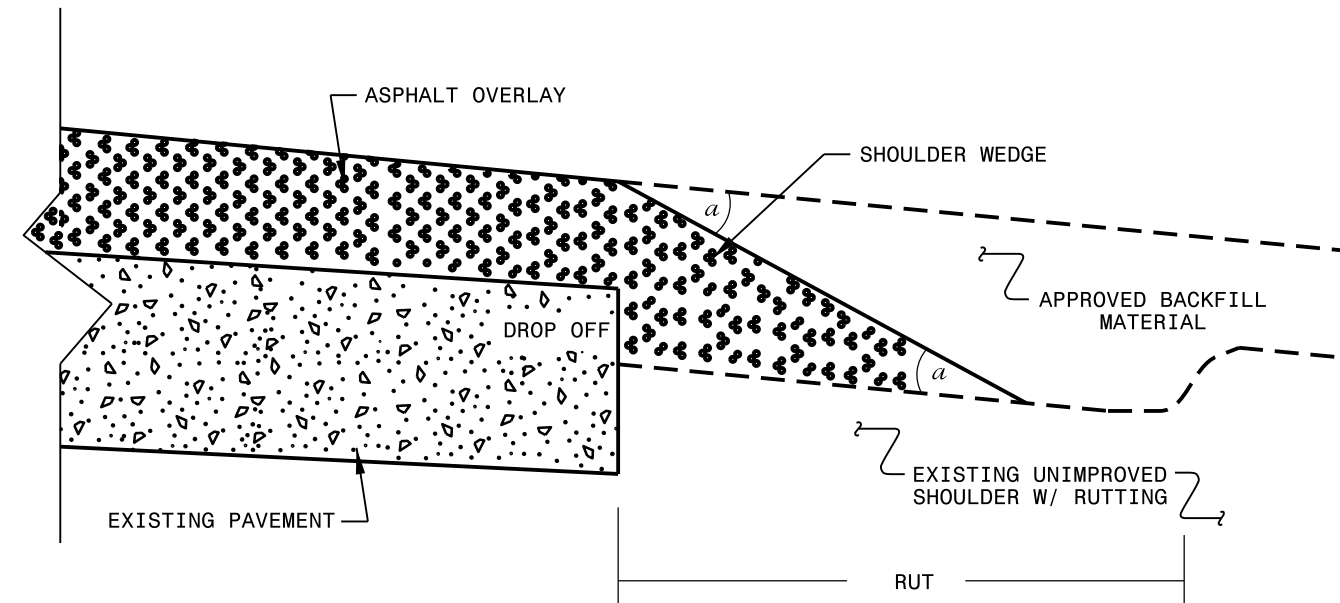
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
- 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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: 2/2/16		
CHECKED BY:	DATE:		
FILE SPEC.: szusr/details/stand/shoulderwedgedetail.dgn			

24-MAR-2016 11:45
 S:\Contracts\Resurfacing Projects\Shoulder Wedge Details\Revised Shoulder Wedge Detail.dgn
 \$\$\$USERNAME\$\$\$

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.08.24.10831, 2017CPT.08.24.20471	7	
2017CPT.08.24.20831,		

SUMMARY OF QUANTITIES

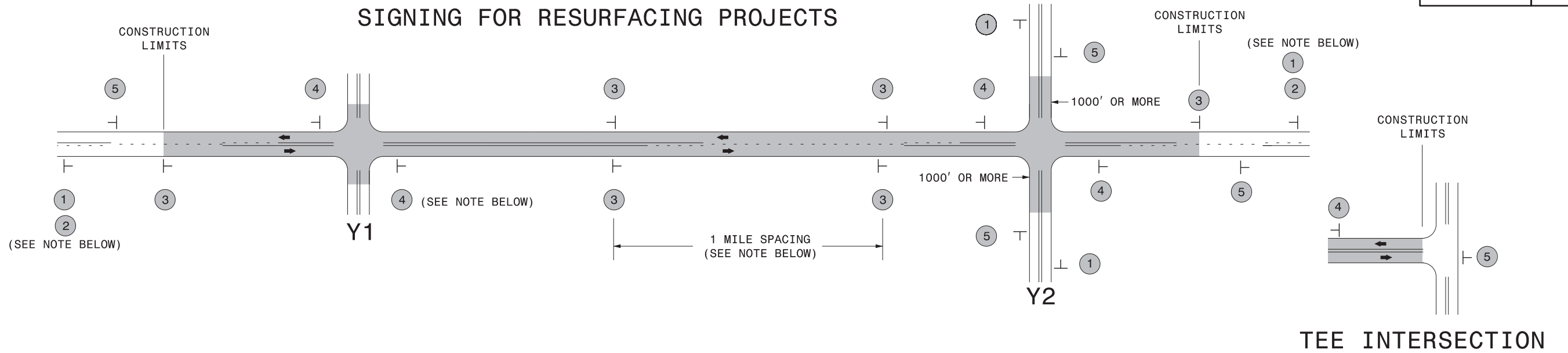
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	AGGREGATE SHOULDER BORROW TON	SHOULDER RECONSTRUCTION SMI	1.5" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TON	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	MILLED RUMBLE STRIPS - CENTERLINE LF	MILLED RUMBLE STRIPS - EDGELINE LF	
2017CPT.08.24.10831	Scotland	1	US 15-501	FROM US 401 BYPASS TO CJ AT SR 1429 (SHAW CURRIE RD)	1	2	2WU	NO	NO	2.87	28-42			53,207		4,870		292		17,700	27,000	
TOTAL FOR MAP NO. 1										2.87				53,207		4,870		292		17,700	27,000	
2017CPT.08.24.10831	Scotland	2	US 15-501	FROM 0.12 MILES NORTH OF NC 144 TO HOKE COUNTY LINE	1	2	2WU	NO	NO	12.56	28-42			228,705		19,215		1,153		85,810	132,634	
TOTAL FOR MAP NO. 2										12.56				228,705		19,215		1,153		85,810	132,634	
TOTAL FOR PROJ NO. 2017CPT.08.24.10831										15.43				281,912		24,085		1,445		103,510	159,634	
2017CPT.08.24.20471	Hoke	3	SR 1203 (TURNPIKE ROAD)	FROM BRIDGE # 8 @ SCOTLAND COUNTY LINE TO PVT. JT. @ SR 1202 (FULFORD MCMILLAN ROAD)	2	2	2WU	NO	NO	3.108	24	862.00	6.22		1,585		3,980	267	100			
TOTAL FOR MAP NO. 3										3.108		862.00	6.22		1,585		3,980	267	100			
2017CPT.08.24.20471	Hoke	4	SR 1225 (ASHEMONT ROAD)	FROM MOORE COUNTY LINE (STATE MAINT. ENDS) TO US 15-501	2	2	2WU	NO	NO	1.346	22	373.00	2.69		367		1,550	104	100			
TOTAL FOR MAP NO. 4										1.346		373.00	2.69		367		1,550	104	100			
2017CPT.08.24.20471	Hoke	5	SR 1001 (SHANNON ROAD)	FROM NC 211 TO SR 1449 ((HALL RD)	2	2	2WU	NO	NO	3.46	22	960.00	6.92		700		3,995	268	100			
TOTAL FOR MAP NO. 5										3.46		960.00	6.92		700		3,995	268	100			
TOTAL FOR PROJ NO. 2017CPT.08.24.20471										7.914		2,195.00	15.83		2,652		9,525	639	300			
2017CPT.08.24.20831	Scotland	6	SR 1131 (X WAY ROAD)	FROM NC 79 TO SR 1108 (ODOM ROAD)	2	2	2WU	NO	NO	3.392	22	940.00	6.78		856		3,815	256	100			
TOTAL FOR MAP NO. 6										3.392		940.00	6.78		856		3,815	256	100			
2017CPT.08.24.20831	Scotland	7	SR 1108 (X WAY ROAD)	FROM SR 1131 (X WAY ROAD TO SR 1269 (LYTCH DRIVE)	2	2	2WU	NO	NO	1.223	22	340.00	2.45		150		1,550	104	100			
TOTAL FOR MAP NO. 7										1.223		340.00	2.45		150		1,550	104	100			
TOTAL FOR PROJ NO. 2017CPT.08.24.20831										4.615		1,280.00	9.23		1,006		5,365	360	200			
GRAND TOTAL										27.959		3,475.00	25.06		281,912		24,085	14,890	2,444	500	103,510	159,634

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.08.24.10831, 2017CPT.08.24.20471	8	
2017CPT.08.24.20831		

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	4413000000-E	4457000000-N	4685000000-E	4890000000-E	4686000000-E		4695000000-E	4700000000-E	4705000000-E	4710000000-E	4721000000-E	4725000000-E		4770000000-E	4810000000-E		4820000000-E	4835000000-E	4850000000-E	4900000000-N	4905000000-N												
												4" X 90 M WHITE THERMO	4" X 120 M YELLOW THERMO (MILLED RUMBLE STRIPS LIMITS)	4" X 120 M YELLOW THERMO	4" X 120 M WHITE THERMO	8" X 90 M YELLOW THERMO	12" X 90 M YELLOW THERMO	16" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO RXR 120 M	THERMO STR & RT ARROW 90 M	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & LT ARROW 90 M	THERMO STR ARROW 90 M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE II (4")	4" YELLOW PAINT	4" WHITE PAINT	8" YELLOW PAINT	24" WHITE PAINT	4" LINE REMOVAL	YELLOW & YELLOW MARKERS	SNOW PLOWABLE MARKERS C & R MARKERS	SNOW PLOWABLE MARKERS Y & Y MARKERS										
2017CPT.08.24.10831	Scotland	1	US 15-501	FROM US 401 BYPASS TO CJ AT SR 1429 (SHAW CURRIE RD)	1	2	2WU	2.87	28-42	322		30,346	8,450	2,435	1,300	600		150	355	6	1	9	4	1		24,250	31,650	600	355		EA	EA	EA											
TOTAL FOR MAP NO. 1											30,346	8,450	2,435	1,300	600	150	355	6	1	9	4	1		24,250	31,650	600	355		EA	EA	EA													
2017CPT.08.24.10831	Scotland	2	US 15-501	FROM 0.12 MILES NORTH OF NC 144 TO HOKE COUNTY LINE	1	2	2WU	12.56	28-42	1,407	*	132,240	103,235	5,790	565		340					2	3		2	720	109,000	132,805			EA	EA	EA											
TOTAL FOR MAP NO. 2											132,240	103,235	5,790	565		340					2	3		2	720	109,000	132,805			EA	EA	EA												
TOTAL FOR PROJ NO. 2017CPT.08.24.10831											162,586	111,685	8,225	1,865	600	340	150	355	6	1	11	7	1	2	720	133,250	164,455	600	355	720	EA	EA	EA											
											10,090										22		297,705		40		1,345																	
2017CPT.08.24.20471	Hoke	3	SR 1203 (TURNPIKE ROAD)	FROM BRIDGE # 8 @ SCOTLAND COUNTY LINE TO PVT. JT. @ SR 1202 (FULFORD MCMILLAN ROAD)	2	2	2WU	3.108	24	349		32,816		24,642	100																													
TOTAL FOR MAP NO. 3											32,816		24,642	100																														
2017CPT.08.24.20471	Hoke	4	SR 1225 (ASHEMONT ROAD)	FROM MOORE COUNTY LINE (STATE MAINT. ENDS) TO US 15-501	2	2	2WU	1.346	22	151		14,218		12,572	50																													
TOTAL FOR MAP NO. 4											14,218		12,572	50																														
2017CPT.08.24.20471	Hoke	5	SR 1001 (SHANNON ROAD)	FROM NC 211 TO SR 1449 ((HALL RD)	2	2	2WU	3.46	22	388	*	37,000		29,600	100																													
TOTAL FOR MAP NO. 5											37,000		29,600	100																														
TOTAL FOR PROJ NO. 2017CPT.08.24.20471											84,034		66,814	250																														
											67,064														550																			
2017CPT.08.24.20831	Scotland	6	SR 1131 (X WAY ROAD)	FROM NC 79 TO SR 1108 (ODOM ROAD)	2	2	2WU	3.392	22	380		35,818		28,259	100																													
TOTAL FOR MAP NO. 6											35,818		28,259	100																														
2017CPT.08.24.20831	Scotland	7	SR 1108 (X WAY ROAD)	FROM SR 1131 (X WAY ROAD TO SR 1269 (LYTCH DRIVE)	2	2	2WU	1.223	22	137	*	12,916		10,646	50																													
TOTAL FOR MAP NO. 7											12,916		10,646	50																														
TOTAL FOR PROJ NO. 2017CPT.08.24.20831											48,734		38,905	150																														
											39,055														310																			
GRAND TOTAL											27,959	3,134	1	295,354	111,685	113,944	2,265	600	340	150	355	6	1	11	7	1	2	720	133,250	164,455	600	355	720	EA	EA	EA	40	1,345						
											116,209										22		297,705		40		1,385																	

SIGNING FOR RESURFACING PROJECTS



LEGEND	
—	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	MAINLINE (-L-) SIGNING		-Y- LINE SIGNING	
	1	 W20-1 48" X 48"	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p>	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> W20-1 48" X 48" </div> <div style="text-align: center;"> W20-7 A 48" X 48" </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	2	 W7-3aP 24" X 18"	<p>#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)</p>	
	3	 SP 13107 48" X 48"	<ul style="list-style-type: none"> - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. 	
	4	 SP 13106 48" X 48"	<ul style="list-style-type: none"> - 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. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE. 	
5	 G20-2 A 48" X 24"	<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>		

