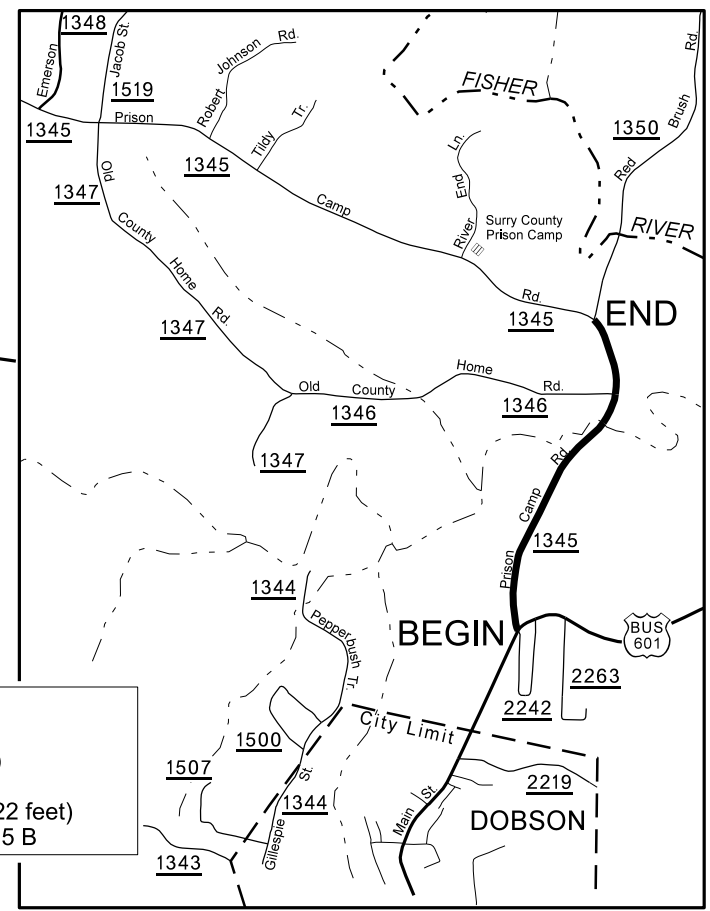
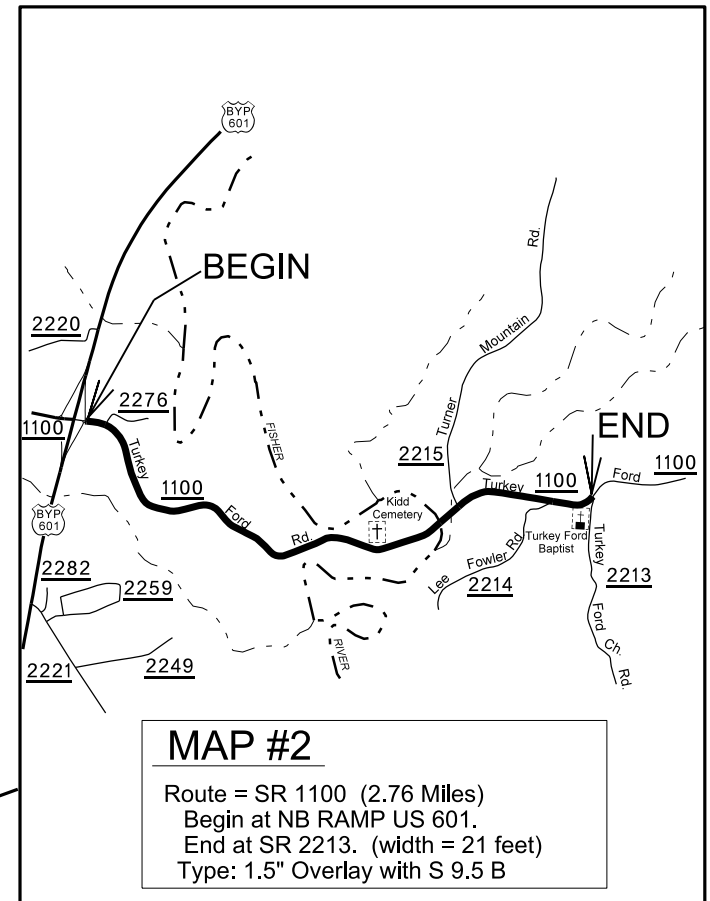
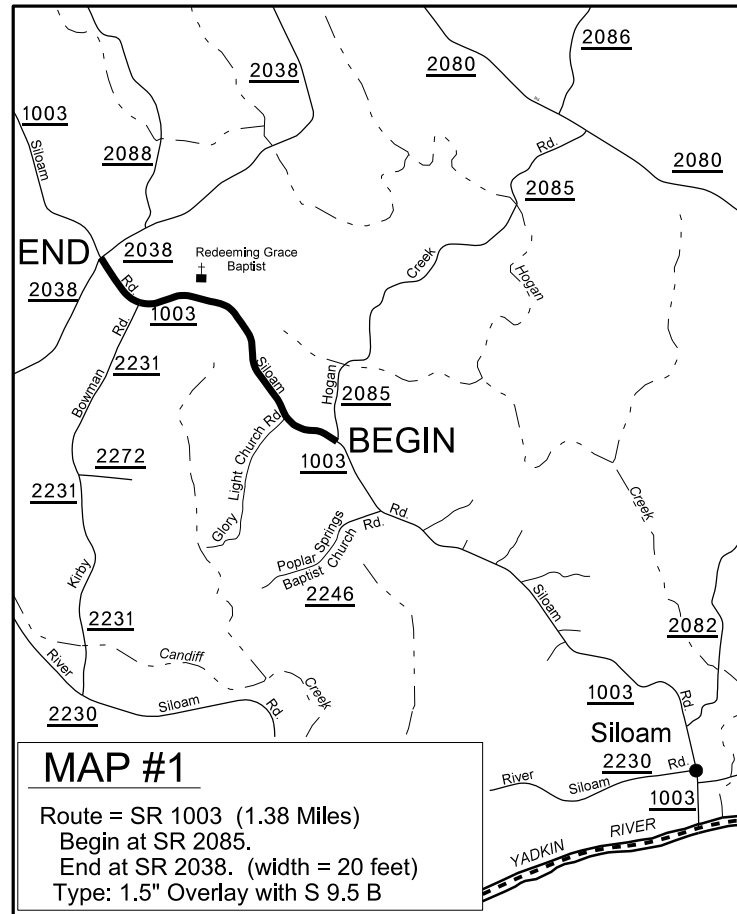
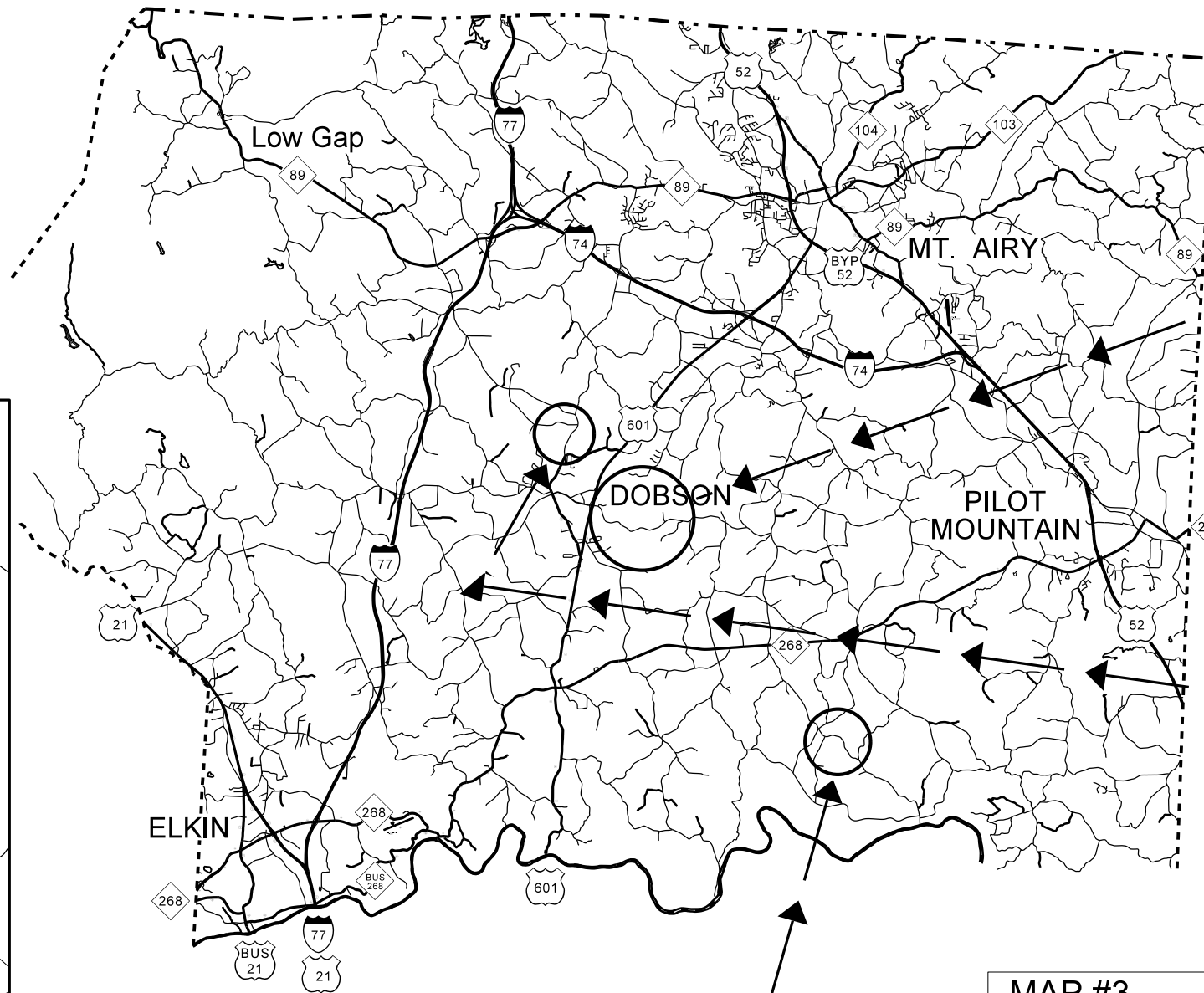


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURRY COUNTY

2017

TYPE OF WORK: ASPHALT RESURFACING
SECONDARY ROUTES

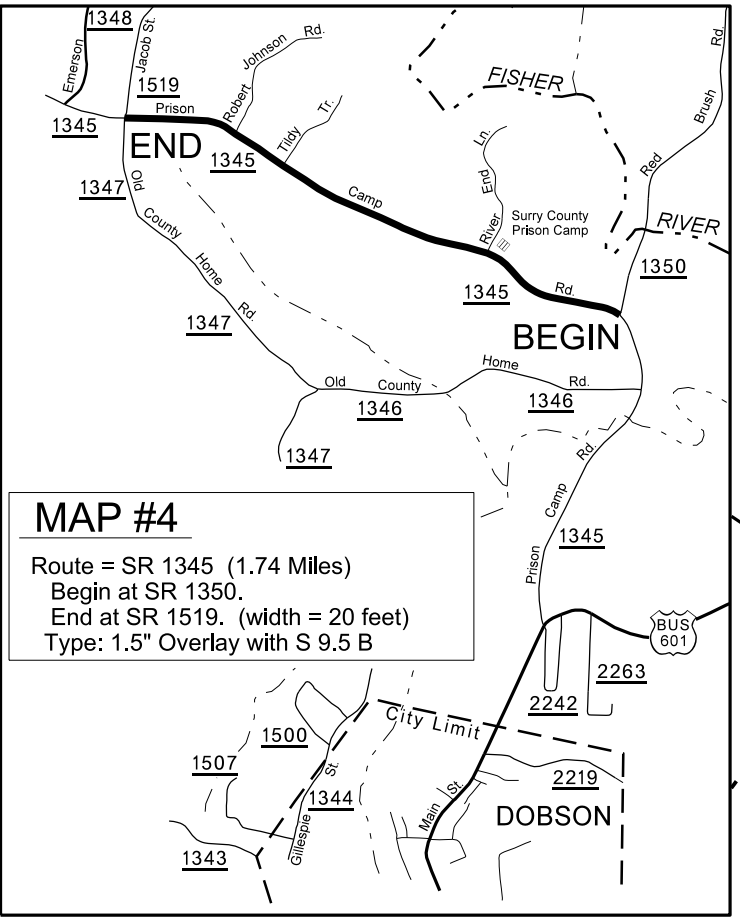


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

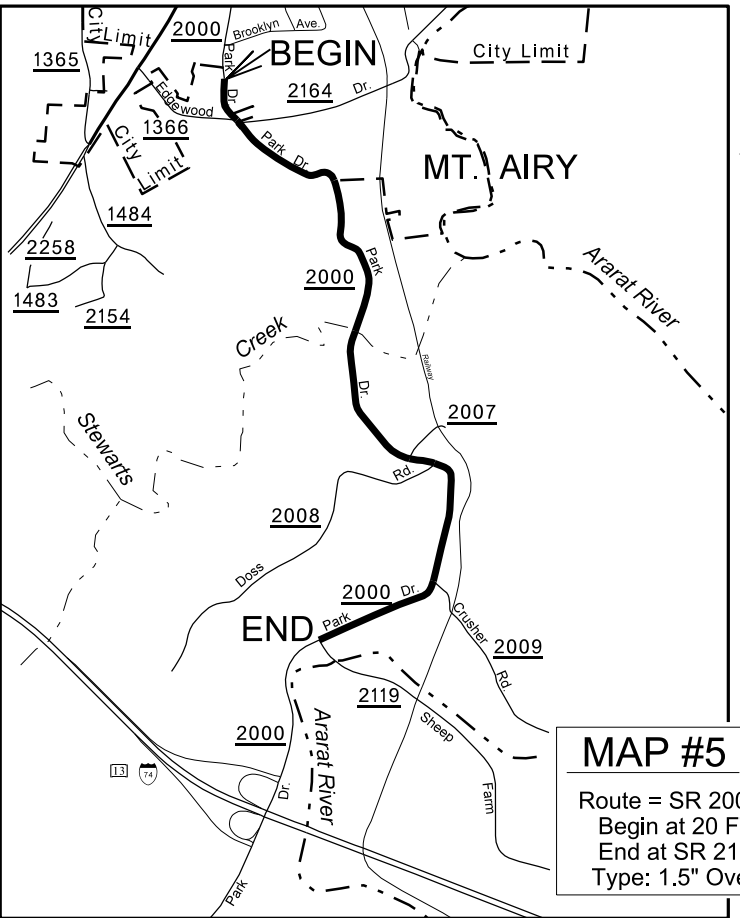
SURRY COUNTY

2017

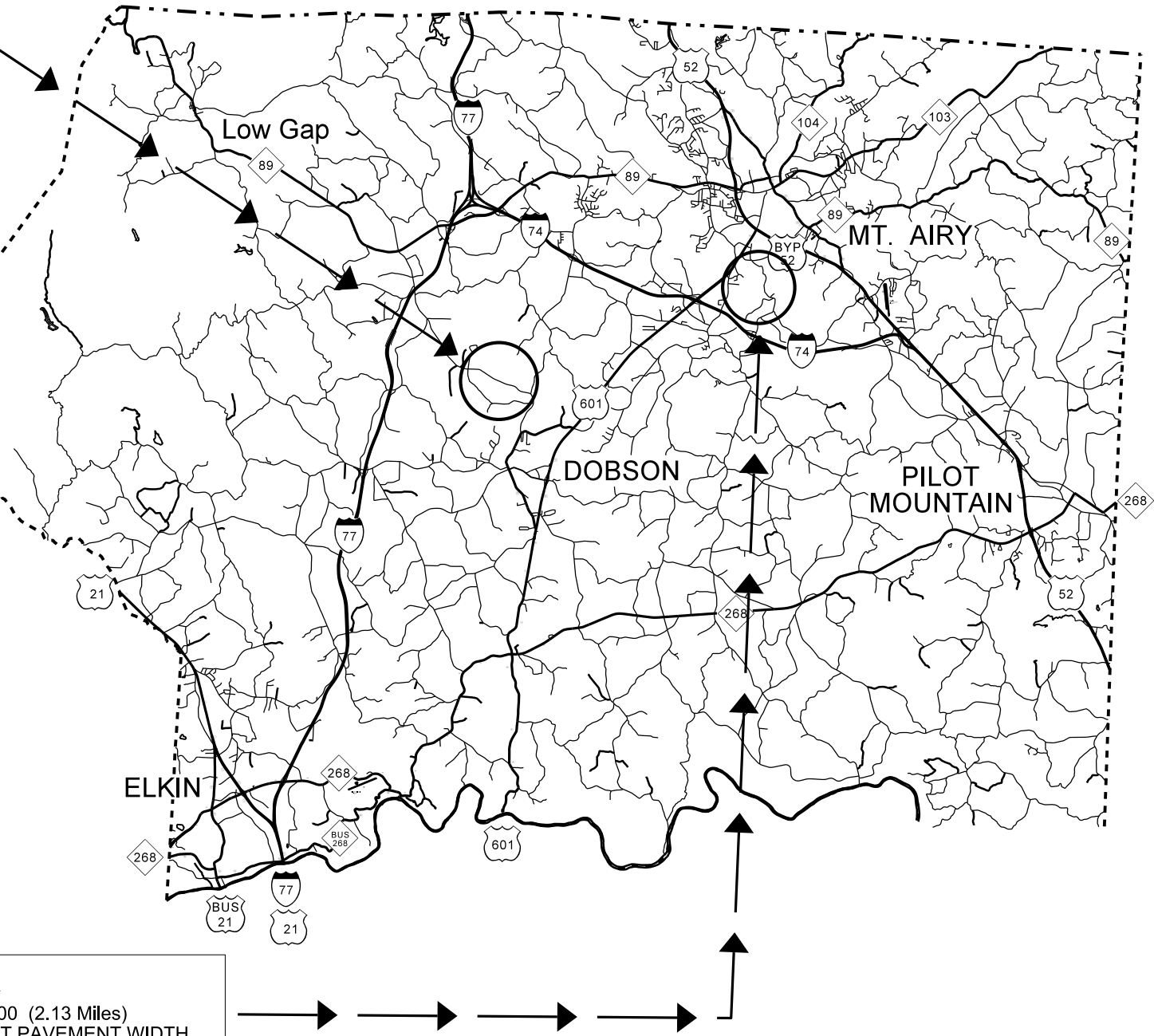
TYPE OF WORK: ASPHALT RESURFACING
SECONDARY ROUTES



MAP #4
Route = SR 1345 (1.74 Miles)
Begin at SR 1350.
End at SR 1519. (width = 20 feet)
Type: 1.5" Overlay with S 9.5 B



MAP #5
Route = SR 2000 (2.13 Miles)
Begin at 20 FT PAVEMENT WIDTH.
End at SR 2119. (width = 20 feet)
Type: 1.5" Overlay with S 9.5 B

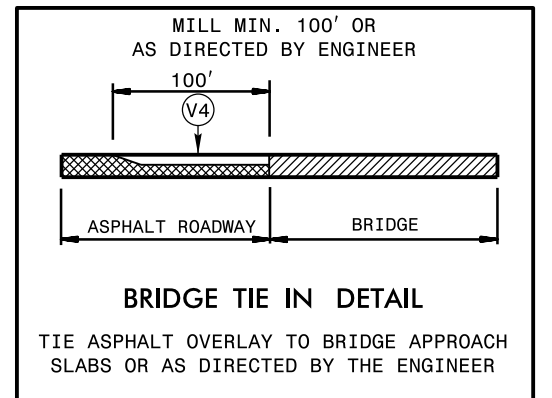
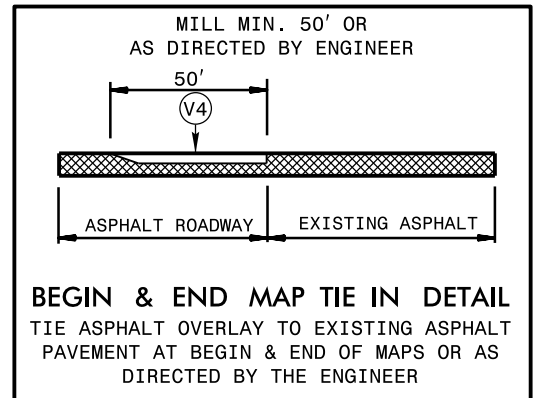
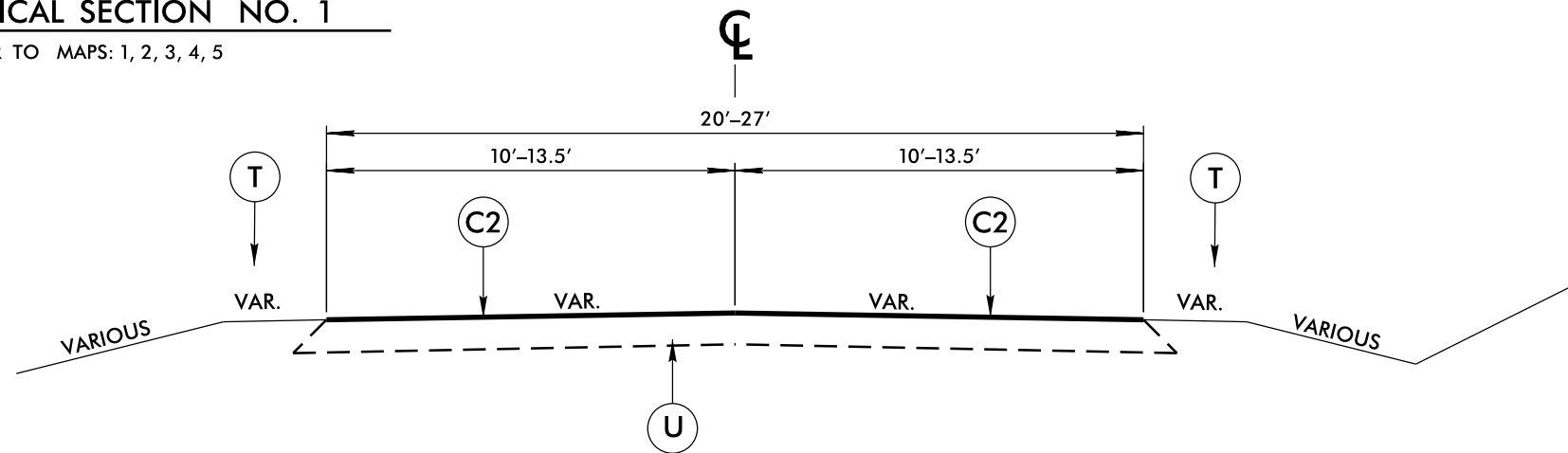


PAVEMENT SCHEDULE

C2	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V4	MILL AT DEPTH OF 1-1/2"

TYPICAL SECTION NO. 1

REFER TO MAPS: 1, 2, 3, 4, 5



**SURRY COUNTY
 SECONDARY ROADS
 ASPHALT RESURFACING**

DIVISION II, DISTRICT I

REVISIONS	INIT.	DATE

N.C. DEPARTMENT of TRANSPORTATION
 DIVISION of HIGHWAYS
 DIVISION ELEVEN



SCALE: N/A DATE: 03/2016

PREPARED BY: S.B. DARNELL
 REVIEWED BY: J.D. WOOD
 REVIEWED BY:

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.11.13.20861		

SUMMARY OF QUANTITIES

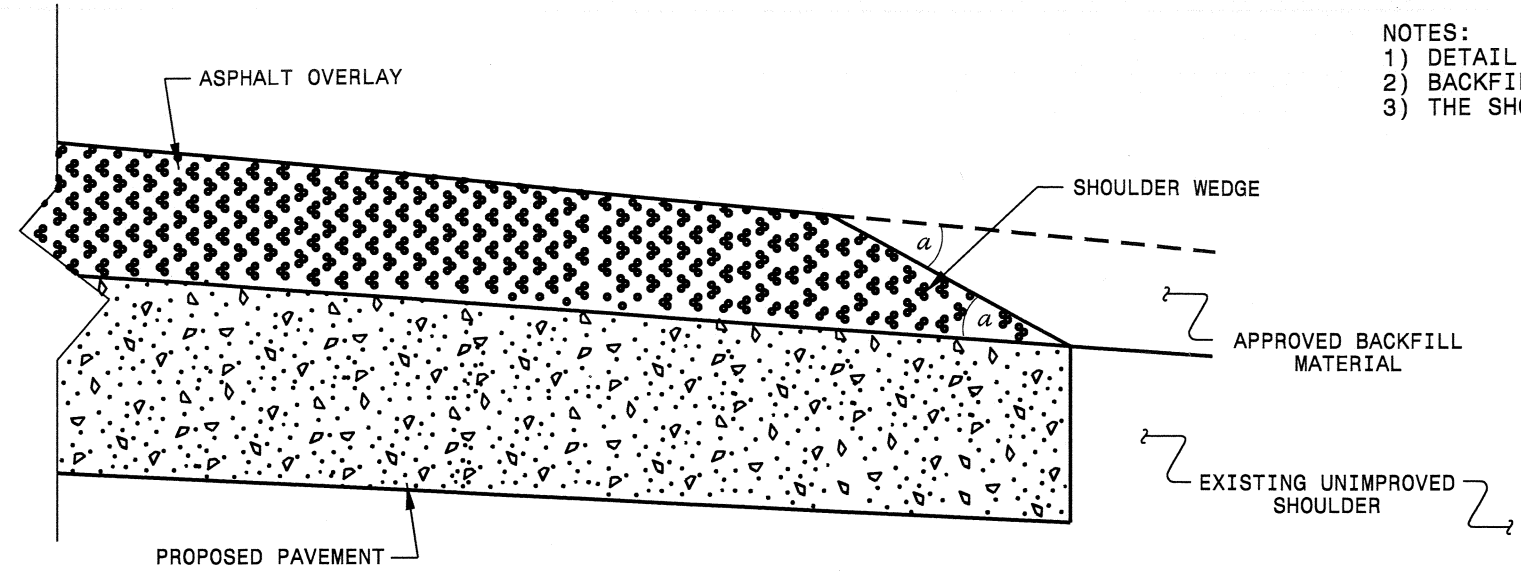
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	VARMMX ASPHALT REQUIRED	LENGTH M	WIDTH FT	BORROW EXCAVATION CY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SM	4" MILLING SY	1½" MILLING SY	0" TO 1.5" MILLING SY	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	SURFACE COURSE, S9.5B TONS	ASPHALT BINDER FOR PLANT MX TONS	PATCHING EXISTING PAVEMENT TONS	SEED & MULCHING AC
2017CPT.11.13.20861	Surry	1	SR 1003	FROM SR 2085 TO SR 2038	1	2	2WU	NO	NO	1.38	20	270	69	2.76				138		1,444	87	100	0.62
2017CPT.11.13.20861	Surry	2	SR 1100	FROM NB RAMP US 601 TO SR 2213	1	2	2WU	NO	NO	2.76	21	541	50	5.52			233	552		2,963	178		1.24
2017CPT.11.13.20861	Surry	3	SR 1345	FROM US 601 BUS TO SR 1350	1	2	2WU	NO	NO	1.1	22	216	110	2.20			244	110		1,249	75	50	0.50
2017CPT.11.13.20861	Surry	4	SR 1345	FROM SR 1350 TO SR 1519	1	2	2WU	NO	NO	1.74	20	341	50	3.48				174		1,776	107	50	0.78
2017CPT.11.13.20861	Surry	5	SR 2000	FROM BEGIN 20' PAVEMENT TO SR 2119	1	2	2WU	NO	NO	2.13	20	417	120	4.26	222	422		213	51	2,212	135	150	0.96
TOTAL FOR PROJ NO. 2017CPT.11.13.20861										9.11		1,785	399	18.22	222	422	477	1,187	51	9,644	582	350	4.10
GRAND TOTAL										9.11		1,785	399	18.22	222	422	477	1,187	51	9,644	582	350	4.10

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.11.13.20861		

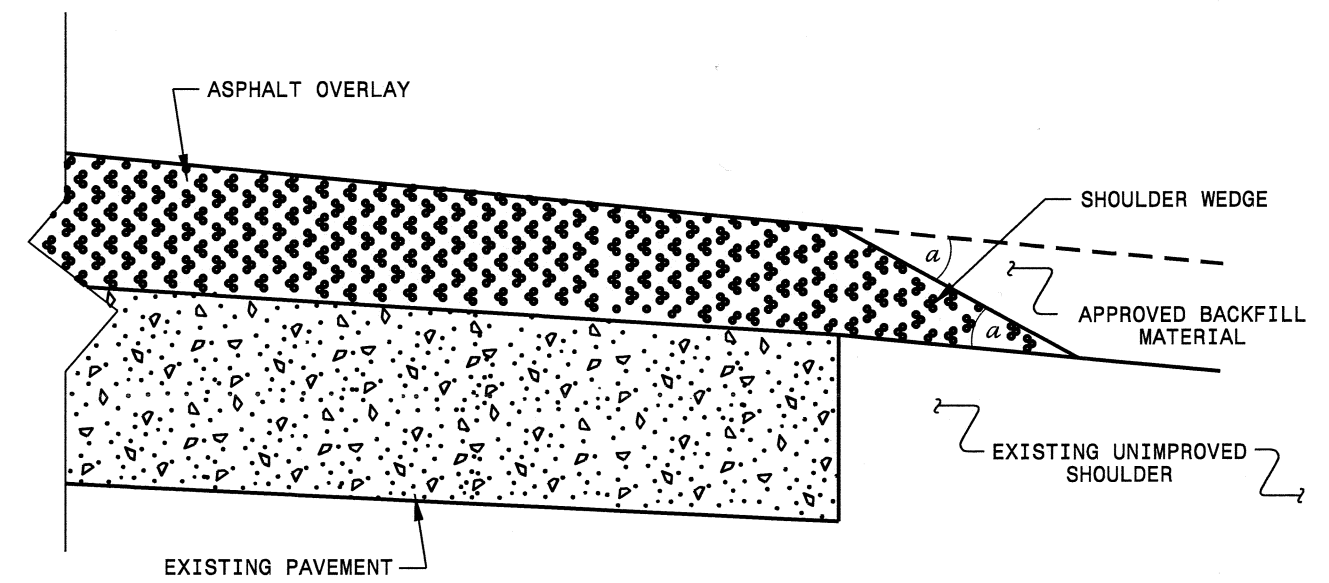
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4810000000-E		4905000000-N
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" YELLOW PAINT	4" WHITE PAINT	SNOW PLOWABLE MARKERS
										SF	LS	LF	LF	EA
2017CPT.11.13.20861	Surry	1	SR 1003	FROM SR 2085 TO SR 2038	1	2	2WU	1.38	20	72	1	29,698	29,698	92
2017CPT.11.13.20861	Surry	2	SR 1100	FROM NB RAMP US 601 TO SR 2213	1	2	2WU	2.76	21	72	*	59,395	59,395	185
2017CPT.11.13.20861	Surry	3	SR 1345	FROM US 601 BUS TO SR 1350	1	2	2WU	1.1	22	72	*	23,672	23,672	74
2017CPT.11.13.20861	Surry	4	SR 1345	FROM SR 1350 TO SR 1519	1	2	2WU	1.74	20	72	*	37,445	37,445	
2017CPT.11.13.20861	Surry	5	SR 2000	FROM BEGIN 20' PAVEMENT TO SR 2119	1	2	2WU	2.13	20	72	*	45,838	45,838	143
TOTAL FOR PROJ NO. 2017CPT.11.13.20861								9.11		360	1	196,048	196,048	494
												392,096		
GRANDTOTAL								9.11		360	1	196,048	196,048	494
												392,096		

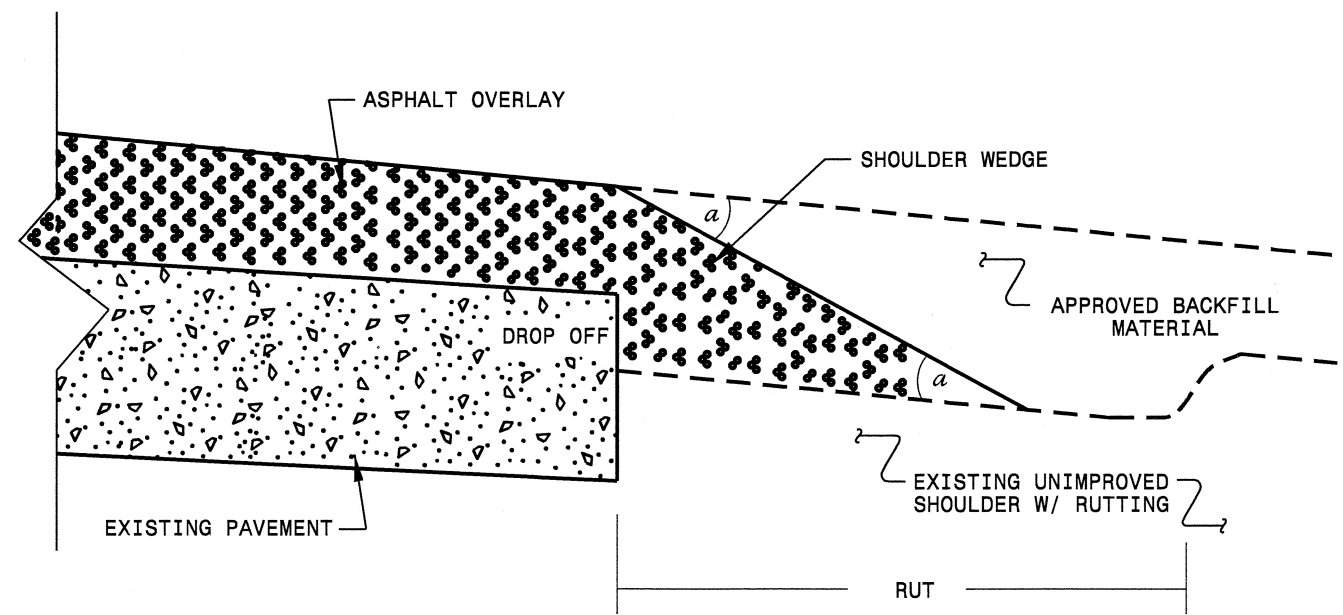
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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°

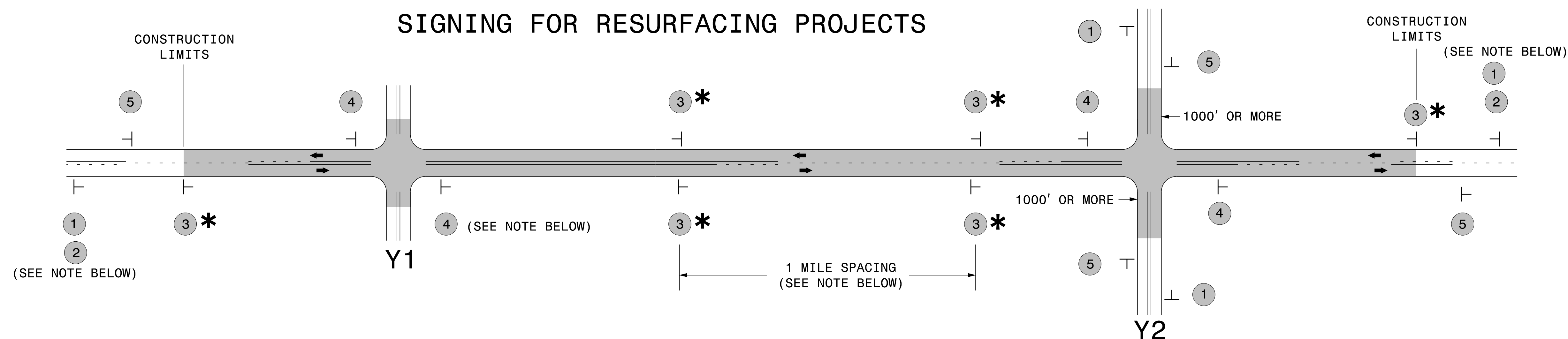
CONTRACT STANDARDS
 AND DEVELOPMENT UNIT
 Office 919-707-6950 FAX 919-250-4119

**SHOULDER WEDGE
 DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11
 MODIFIED BY: DATE: 10/18/12
 CHECKED BY: DATE:
 FILE SPEC.: s:\user\details\stand\shoulderwedgedetail.dgn

SYSTEMS CONSULTANTS
 CONSULTANTS

SIGNING FOR RESURFACING PROJECTS



LEGEND	
	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

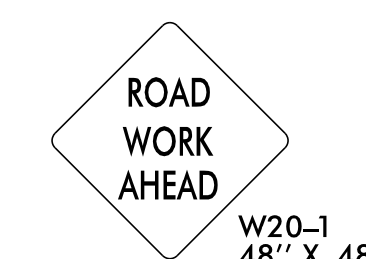
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	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

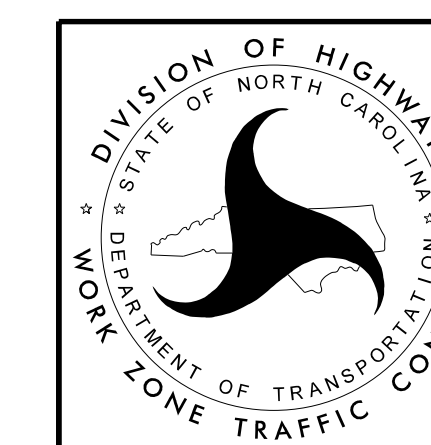
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



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**