

PROJECT NO.	SHEET NO.	TOTAL NO.
2021CPT.11.02.20031	1	2
2021CPT.11.02.20051		

SUMMARY OF Q U A N T I T I E S

Project No.	County	Map No.	Route	Route Name	From Description	To Description	Mile Post From	Mile Post To	TYP NO	LANES	LANE TYPE	LENGTH		WIDTH	1220000000-E INCIDENTAL STONE BASE	1330000000-E INCIDENTAL MILLING	1519000000-E SURFACE COURSE, S9.5B	1520000000-E LEVELING COURSE, S9.5B	1575000000-E ASPHALT BINDER FOR PLANT MIX
												MI	FT		TONS	SY	TONS	TONS	TONS
2021CPT.11.02.20031	Alleghany	1A	SR 1444	Glade Valley Rd	SR 1433	SR 1466	8.22	9.92	1	2	2WU	1.70	18		10	200	1629		109
2021CPT.11.02.20031	Alleghany	1B	SR 1444	Glade Valley Rd	SR 1466	US 21	9.92	11.67	1	2	2WU	1.75	20		10	200	1863		125
2021CPT.11.02.20031	Alleghany	2	SR 1464	Shawtown Rd	US 21	SR 1433	0.00	2.88	1	2	2WU	2.88	20		10	100	3067	929	268
TOTAL FOR PROJECT NO. 2021CPT.11.02.20031												6.33			30	500	6,559	929	502
2021CPT.11.02.20051	Ashe	3	SR 1136	Beaver Creek Rd	SR 1290	SR 1189	0.00	0.30	1	2	2WU	0.30	18		10	100	287	87	25
2021CPT.11.02.20051	Ashe	4	SR 1160	Glendale School Rd	SR 1161	SR 1159	0.00	1.30	1	2	2WU	1.30	20		10	100	1384	419	121
2021CPT.11.02.20051	Ashe	5	SR 1188	Brook Lane	SR 1136	SR 1227	0.00	0.28	1	2	2WU	0.28	18		10	100	268	81	23
2021CPT.11.02.20051	Ashe	6	SR 1189	Beaver Drive	SR 1137	SR 1133	0.00	0.82	1	2	2WU	0.82	18		10	100	786	238	69
2021CPT.11.02.20051	Ashe	7	SR 1200	Frank Edwards Rd	NC 194	US 221	0.00	0.47	1	2	2WU	0.47	16		10	100	400	121	35
2021CPT.11.02.20051	Ashe	8	SR 1202	King Street	SR 1136	SR 1137	0.00	0.11	1	2	2WU	0.11	16		10	100	94	28	8
2021CPT.11.02.20051	Ashe	9	SR 1204	Cook Drive	SR 1136	SR 1248	0.00	0.06	1	2	2WU	0.06	16		10	100	51	15	4
2021CPT.11.02.20051	Ashe	10	SR 1225	Ray Rd	SR 1248	END MAINT	0.00	0.23	1	2	2WU	0.23	16		10	100	196	59	17
2021CPT.11.02.20051	Ashe	11	SR 1227	School Street	SR 1188	END MAINT	0.00	0.06	1	2	2WU	0.06	20		10	100	64	19	6
2021CPT.11.02.20051	Ashe	12	SR 1242	Page Drive	SR 1137	EOM	0.00	0.26	1	2	2WU	0.26	18		10	100	249	76	22
2021CPT.11.02.20051	Ashe	13	SR 1243	Carolina Drive	SR 1137	SR 1242	0.00	0.11	1	2	2WU	0.11	16		10	100	94	28	8
2021CPT.11.02.20051	Ashe	14	SR 1281	The Professional Drive	SR 1133	EOM	0.00	0.18	1	2	2WU	0.18	20		10	100	192		13
2021CPT.11.02.20051	Ashe	15	SR 1286	Robin Lane	SR 1248	SR 1133	0.00	0.16	1	2	2WU	0.16	16		10	100	136	41	12
2021CPT.11.02.20051	Ashe	16	SR 1290	Industrial Parkway	SR 1248	EOM	0.00	0.52	1	2	2WU	0.52	24		10	100	664		45
2021CPT.11.02.20051	Ashe	17	SR 1533	John Halsey Rd	NC 16	SR 1573	0.00	1.34	1	2	2WU	1.34	18		10	100	1284	389	112
TOTAL FOR PROJECT NO. 2021CPT.11.02.20051												6.20			150	1,500	6,150	1,604	520
GRAND TOTAL												12.53			180	2,000	12,709	2,534	1,021

For 'Mile Post' information, visit ncdot.maps.arcgis.com, then select 'NCDOT Distance Hatches & Structures Map'

PROJECT NO.	SHEET NO.	TOTAL NO.
2021CPT.11.02.20031	2	2
2021CPT.11.02.20051		

THERMOPLASTIC AND PAINT QUANTITIES

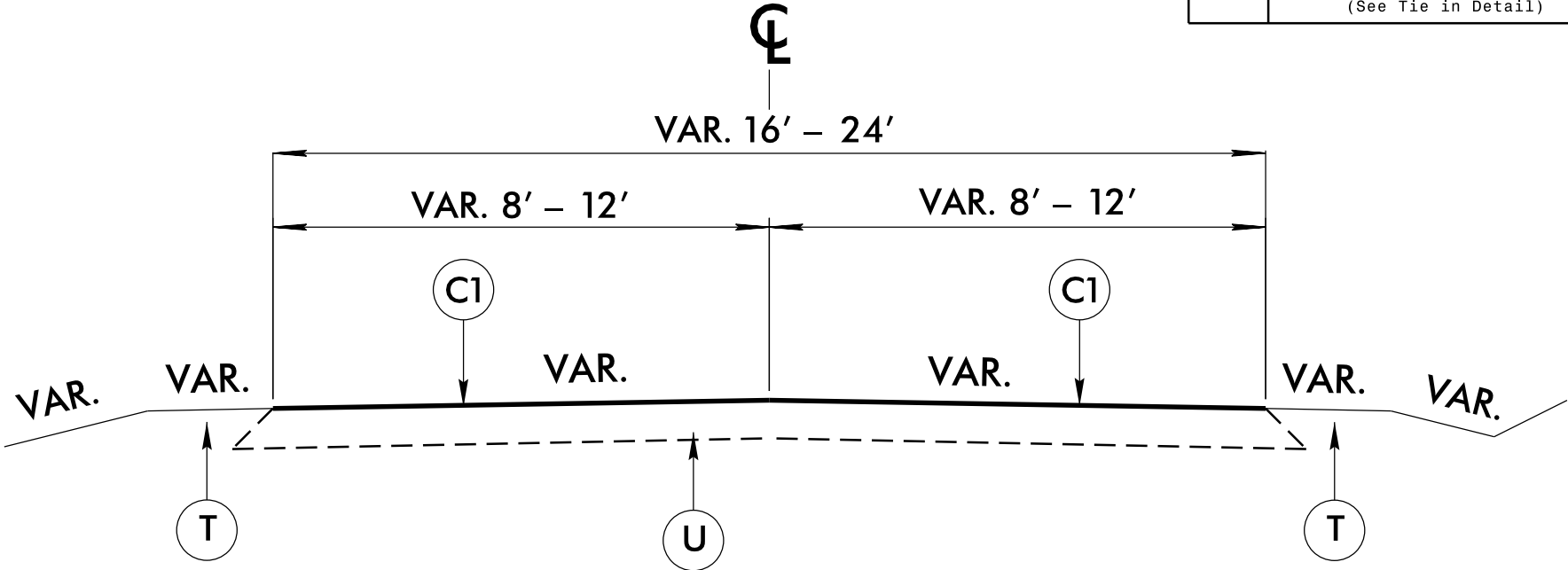
Project No.	County	Map No.	Route	Route Name	From Description	To Description	Mile Post From	Mile Post To	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNING	4457000000-N TEMPORARY TRAFFIC CONTROL	4905000000-N SNOW PLOWABLE MARKERS
												MI	FT	SF	LS	EA
2021CPT.11.02.20031	Alleghany	1A	SR 1444	Glade Valley Rd	SR 1433	SR 1466	8.22	9.92	1	2	2WU	1.70	18	213	1.00	112
2021CPT.11.02.20031	Alleghany	1B	SR 1444	Glade Valley Rd	SR 1466	US 21	9.92	11.67	1	2	2WU	1.75	20	219	-	116
2021CPT.11.02.20031	Alleghany	2	SR 1464	Shawtown Rd	US 21	SR 1433	0.00	2.88	1	2	2WU	2.88	20	360		
TOTAL FOR PROJECT NO. 2021CPT.11.02.20031												6.33		791	1	228
2021CPT.11.02.20051	Ashe	3	SR 1136	Beaver Creek Rd	SR 1290	SR 1189	0.00	0.30	1	2	2WU	0.30	18			
2021CPT.11.02.20051	Ashe	4	SR 1160	Glendale School Rd	SR 1161	SR 1159	0.00	1.30	1	2	2WU	1.30	20			
2021CPT.11.02.20051	Ashe	5	SR 1188	Brook Lane	SR 1136	SR 1227	0.00	0.28	1	2	2WU	0.28	18			
2021CPT.11.02.20051	Ashe	6	SR 1189	Beaver Drive	SR 1137	SR 1133	0.00	0.82	1	2	2WU	0.82	18			
2021CPT.11.02.20051	Ashe	7	SR 1200	Frank Edwards Rd	NC 194	US 221	0.00	0.47	1	2	2WU	0.47	16			
2021CPT.11.02.20051	Ashe	8	SR 1202	King Street	SR 1136	SR 1137	0.00	0.11	1	2	2WU	0.11	16			
2021CPT.11.02.20051	Ashe	9	SR 1204	Cook Drive	SR 1136	SR 1248	0.00	0.06	1	2	2WU	0.06	16			
2021CPT.11.02.20051	Ashe	10	SR 1225	Ray Rd	SR 1248	END MAINT	0.00	0.23	1	2	2WU	0.23	16			
2021CPT.11.02.20051	Ashe	11	SR 1227	School Street	SR 1188	END MAINT	0.00	0.06	1	2	2WU	0.06	20			
2021CPT.11.02.20051	Ashe	12	SR 1242	Page Drive	SR 1137	EOM	0.00	0.26	1	2	2WU	0.26	18			
2021CPT.11.02.20051	Ashe	13	SR 1243	Carolina Drive	SR 1137	SR 1242	0.00	0.11	1	2	2WU	0.11	16			
2021CPT.11.02.20051	Ashe	14	SR 1281	The Professionals Drive	SR 1133	SR 1290	0.00	0.18	1	2	2WU	0.18	20			
2021CPT.11.02.20051	Ashe	15	SR 1286	Robin Lane	SR 1248	SR 1133	0.00	0.16	1	2	2WU	0.16	16			
2021CPT.11.02.20051	Ashe	16	SR 1290	The Professionals Drive	SR 1248	SR 1281	0.00	0.52	1	2	2WU	0.52	24			
2021CPT.11.02.20051	Ashe	17	SR 1533	John Halsey Rd	NC 16	SR 1573	0.00	1.34	1	2	2WU	1.34	18			
TOTAL FOR PROJECT NO. 2021CPT.11.02.20051												6.20		0	0	0
GRAND TOTAL												12.53		791	1	228

For 'Mile Post' information, visit ncdot.maps.arcgis.com, then select 'NCDOT Distance Hatches & Structures Map'

* "PATCHING EXISTING PAVEMENT" AND LEVELING HAVE BOTH BEEN INCLUDED AS A PAY ITEM ON MAPS. PATCHING MAY OR MAY NOT BE NEEDED DEPENDING ON CONDITION OF MAP SURFACE AT TIME THAT PAVING SEASON BEGINS. AREAS TO BE DELINIATED BY THE ENGINEER.

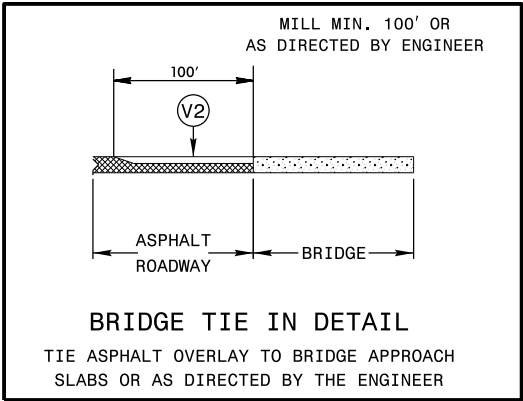
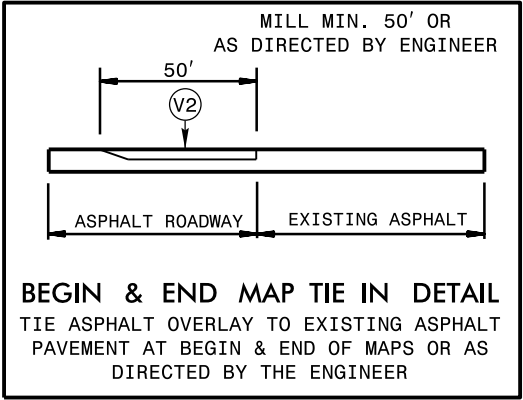
* INCIDENTAL MILLING AT LOCATIONS AS DIRECTED BY THE ENGINEER

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V2	INCIDENTAL MILLING (See Tie in Detail)



TYPICAL SECTION NO. 1

- MAP 1A – GLADE VALLEY RD FROM SR 1433 TO SR 1466
- MAP 1B – GLADE VALLEY RD FROM SR 1466 TO US 21
- MAP 2 – SHAWTOWN RD FROM US 21 TO SR 1433
- MAP 3 – BEAVER CREEK RD FROM SR 1290 TO SR 1189
- MAP 4 – GLENDALE SCHOOL RD FROM SR 1161 TO SR 1159
- MAP 5 – BROOK LANE FROM SR 1136 TO SR 1227
- MAP 6 – BEAVER DRIVE FROM SR 1137 TO SR 1133
- MAP 7 – FRANK EDWARDS RD FROM NC 194 TO US 221
- MAP 8 – KING STREET FROM SR 1136 TO SR 1137
- MAP 9 – COOK DRIVE FROM SR 1136 TO SR 1248
- MAP 10 – RAY RD FROM SR 1248 TO EOM
- MAP 11 – SCHOOL STREET FROM SR 1188 TO EOM
- MAP 12 – PAGE DRIVE FROM SR 1137 TO EOM
- MAP 13 – CAROLINA DRIVE FROM SR 1137 TO SR 1242
- MAP 14 – THE PROFESSIONAL DRIVE FROM SR 1133 TO EOM
- MAP 15 – ROBIN LANE FROM SR 1248 TO SR 1133
- MAP 16 – INDUSTRIAL PARKWAY FROM SR 1248 TO EOM
- MAP 17 – JOHN HALSEY RD FROM NC 16 TO SR 1573



ASHE & ALLEGHANY COUNTY
SECONDARY ROADS
ASPHALT RESURFACING

REVISIONS	INIT.	DATE

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

SCALE: N/A DATE: 01/15/2021
PREPARED BY: GK
REVIEWED BY:
REVIEWED BY:

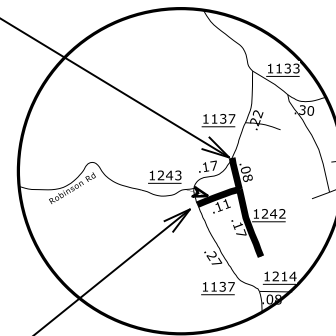
ASHE COUNTY

2021 RESURFACING

MAP # 3, # 5, # 6, # 8 THRU # 16

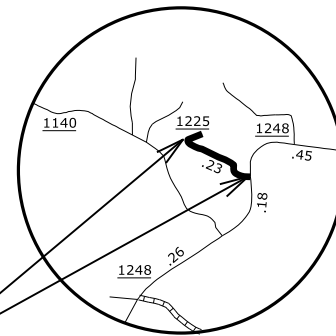
MAP #12

- * SR 1242 PAGE DRIVE - (0.26mi.)
(FROM SR 1137 TO EOM)**



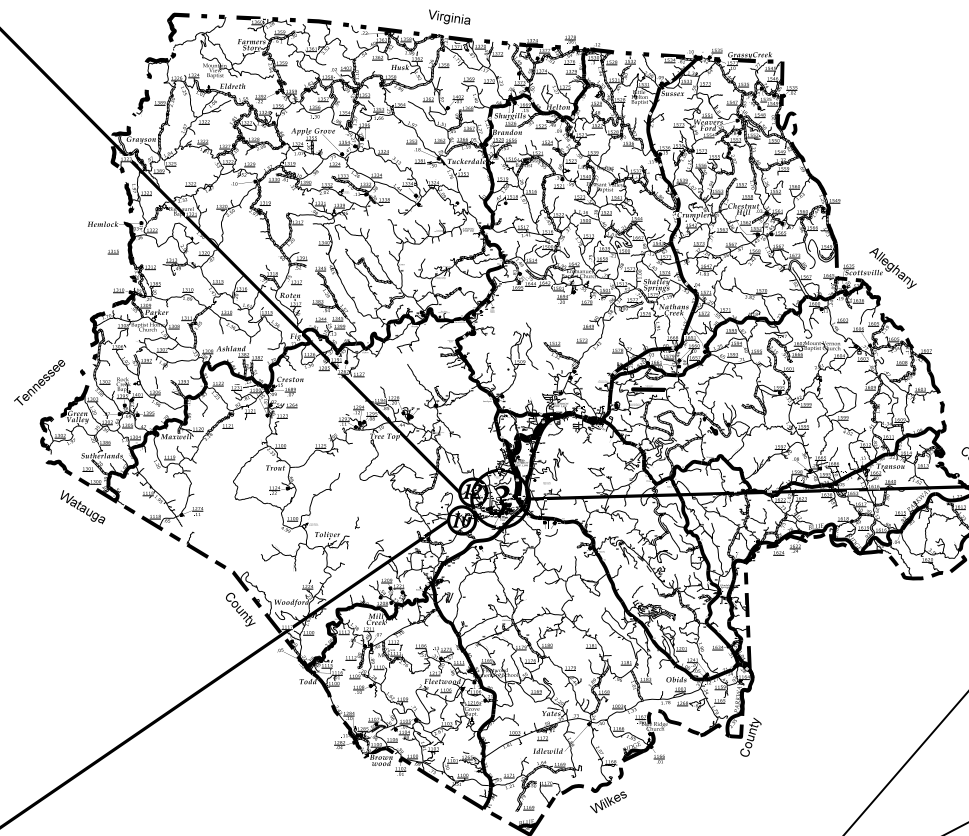
MAP #13

- * SR 1243 CAROLINA DRIVE- (0.11mi.)
(FROM SR 1137 TO SR 1242)**



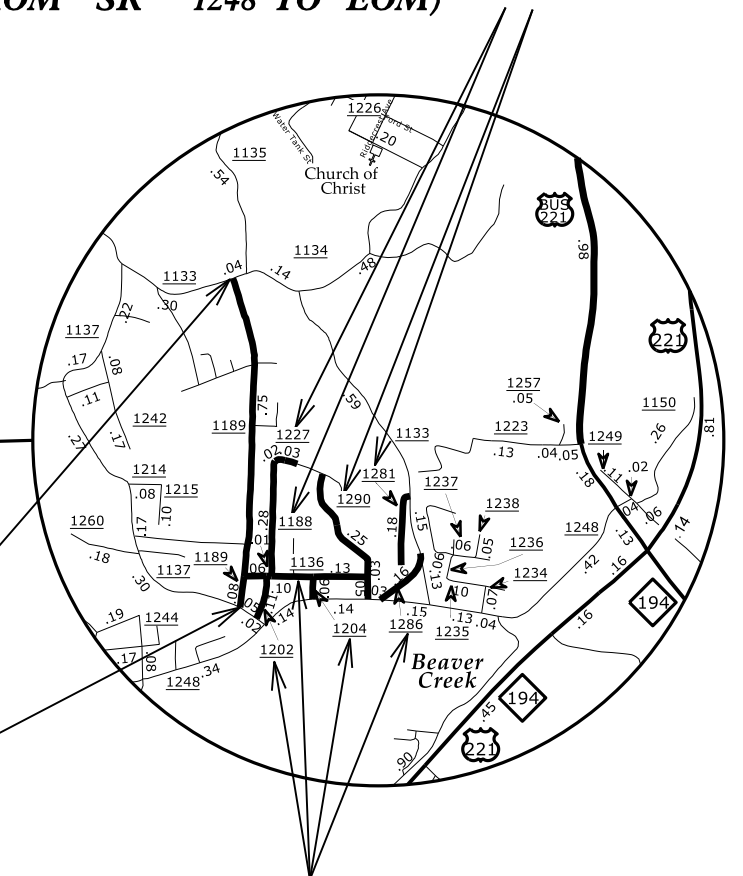
MAP #10

- * SR 1225 RAY RD. - (0.23mi.)
(FROM SR 1248 TO EOM)**



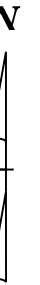
MAP #6'

- * SR 1189 BEAVER DRIVE - (0.82mi.)
(FROM SR 1137 TO SR 1133)**



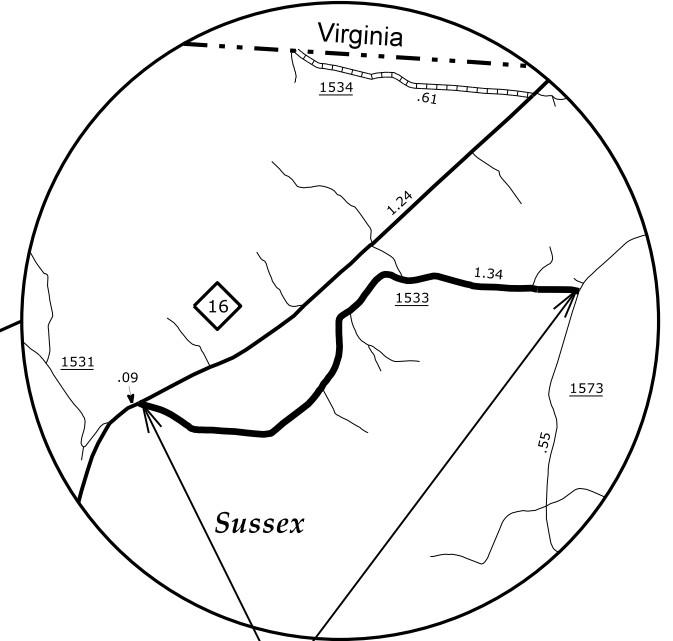
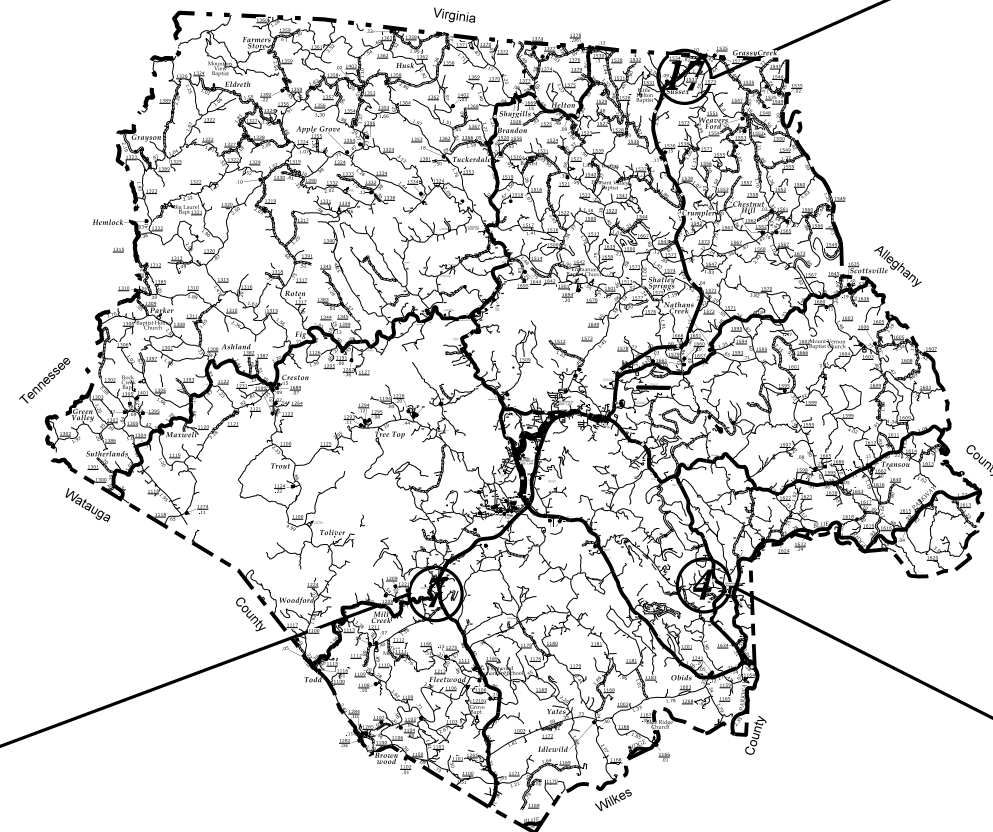
MAP #3, #8, #9, #15

- ★ **SR 1136 BEAVER CREEK RD. – (0.30mi.)**
(FROM SR 1290 TO SR 1189)
- ★ **SR 1202 KING STREET – (0.11mi.)**
(FROM SR 1136 TO SR 1137)
- ★ **SR 1204 COOK DRIVE – (0.06mi.)**
(FROM SR 1136 TO SR 1248)
- ★ **SR 1286 ROBIN LANE – (0.16mi.)**
(FROM SR 1248 TO SR 1133)



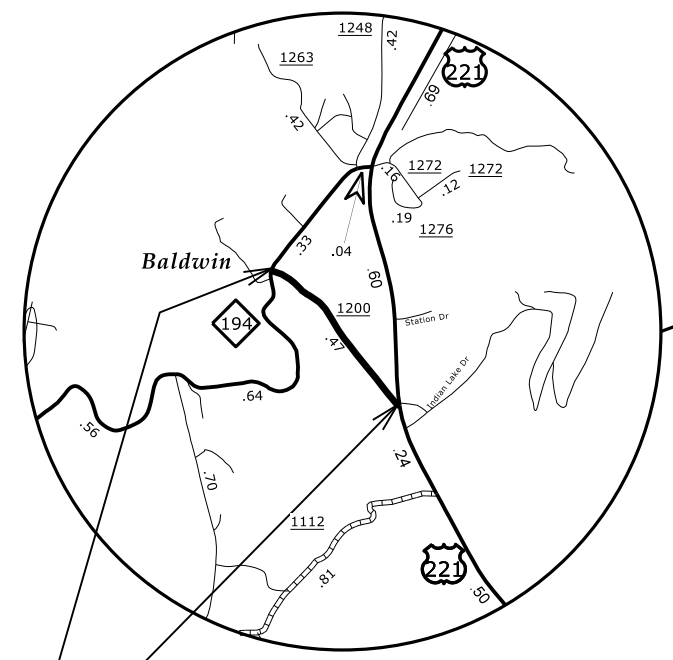
ASHE COUNTY

2021 RESURFACING
MAP # 4, #7 AND #17



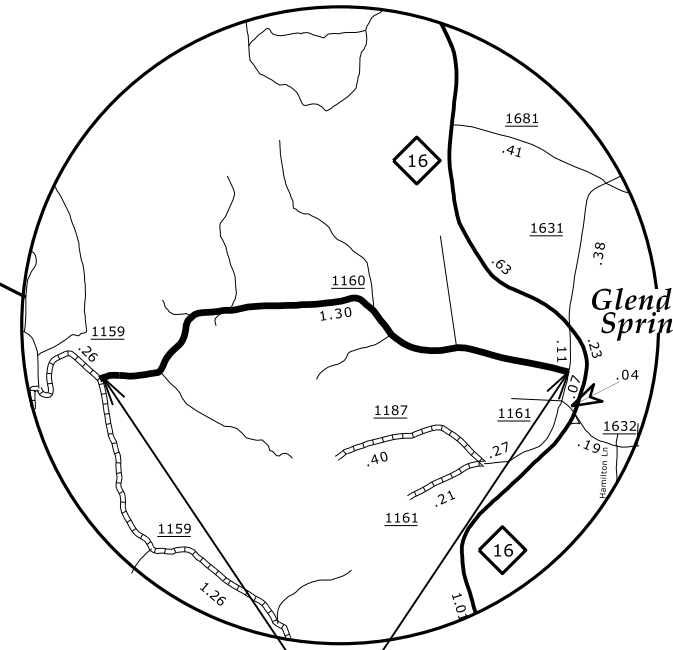
MAP #17

★ **SR 1533 JOHN HALSEY RD.– (1.34mi.)**
(FROM NC 16 TO SR 1573)



MAP #7

★ **SR 1200 FRANK EDWARDS RD. – (0.47mi.)**
(FROM NC 194 TO US 221)



MAP #4

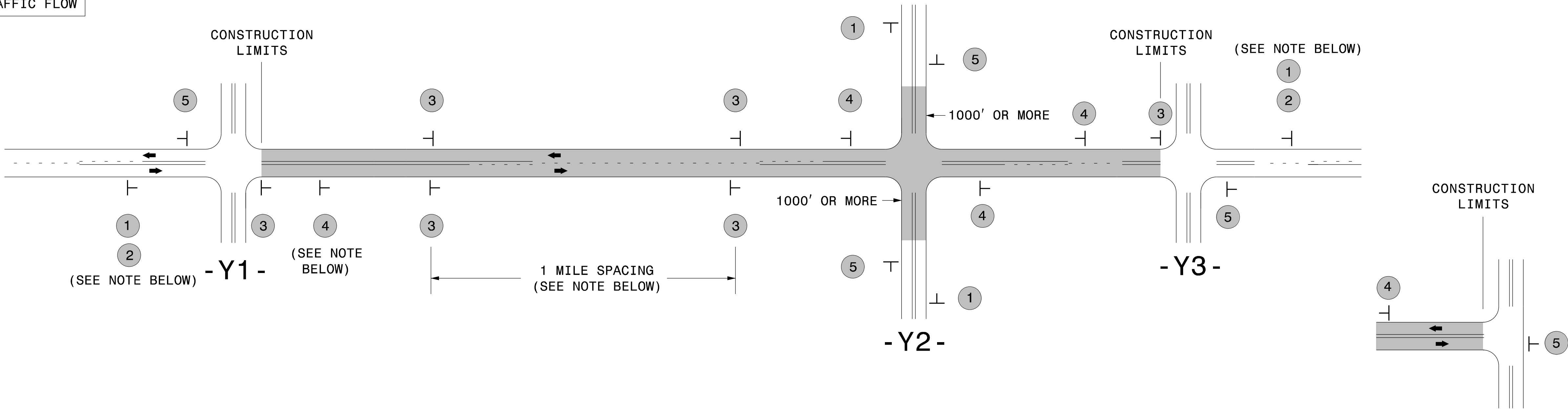
★ **SR 1160 GLENDALE SCHOOL RD. – (1.30mi.)**
(FROM SR 1161 TO SR 1159)

SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW

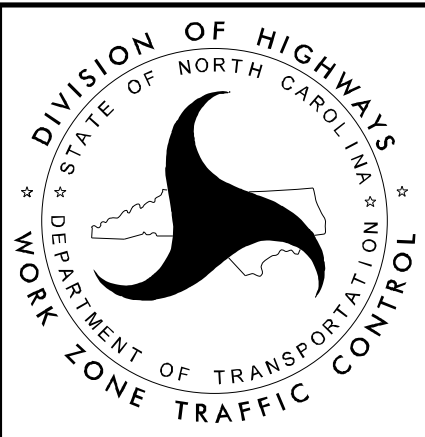


TEE INTERSECTION

MAINLINE (-L-) SIGNING

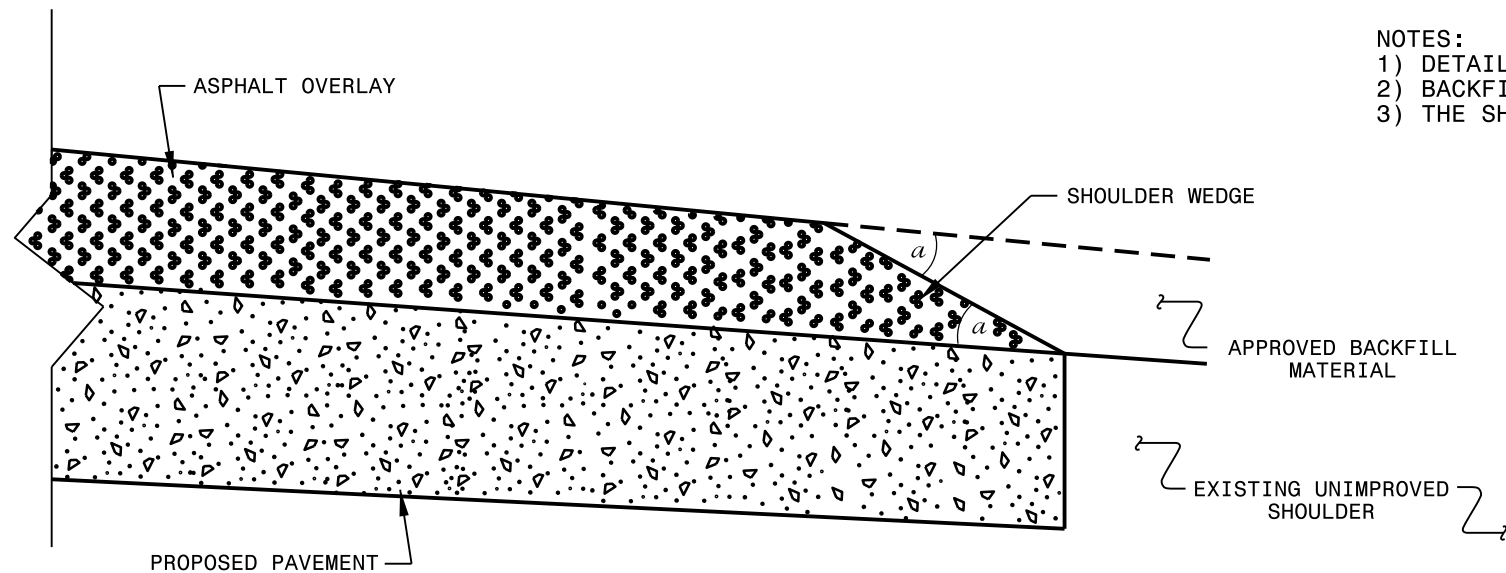
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 ROAD WORK AHEAD W20-1 48" X 48" NEXT XX MILES W7-3aP 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)	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, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK. ROAD WORK AHEAD W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. ROAD WORK AHEAD W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
	3 LOW/SOFT SHOULDER SP 13107 48" X 48" - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	4 ROAD UNDER CONST SP 13106 48" X 48" - 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 END ROAD WORK G20-2 A 48" X 24" PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	
	THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.	
MAPS LESS THAN 2 MILES	FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.	

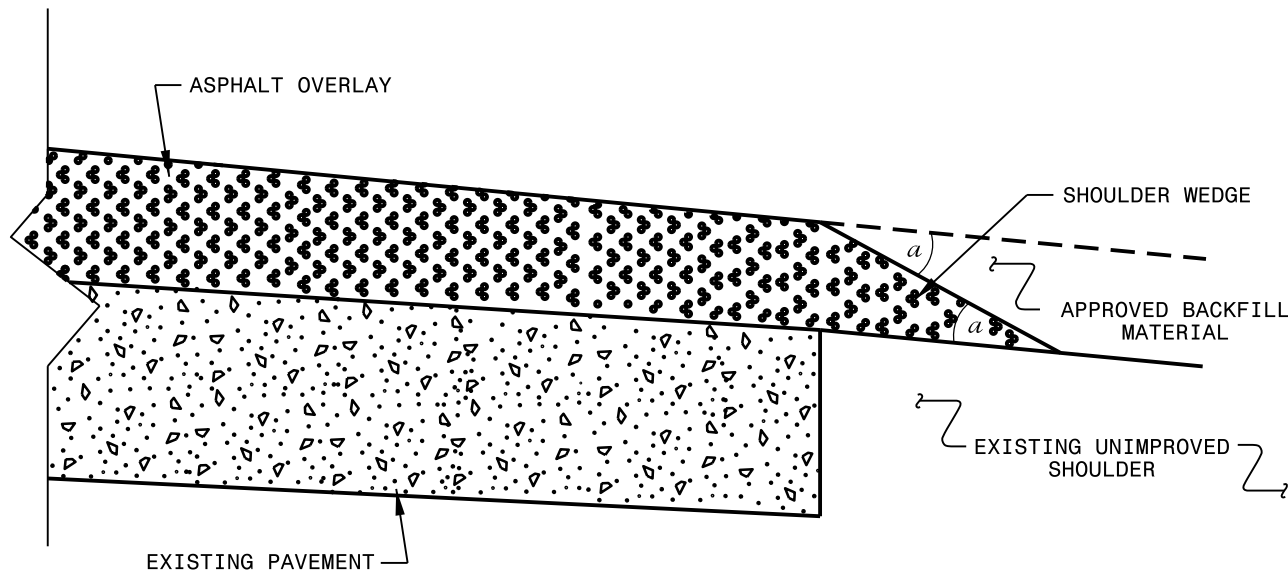


ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2-LANE ROADWAY
RESURFACING

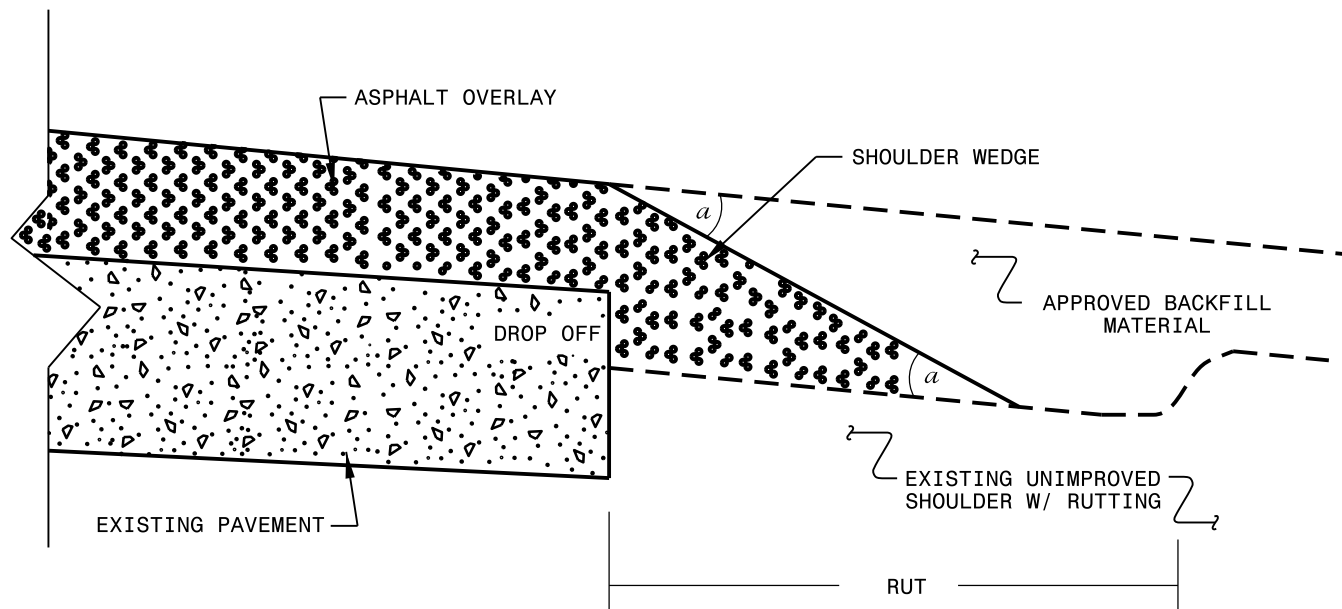
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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°

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.:	s:\usr\details\stand\shoulderwedgedetail.dgn		