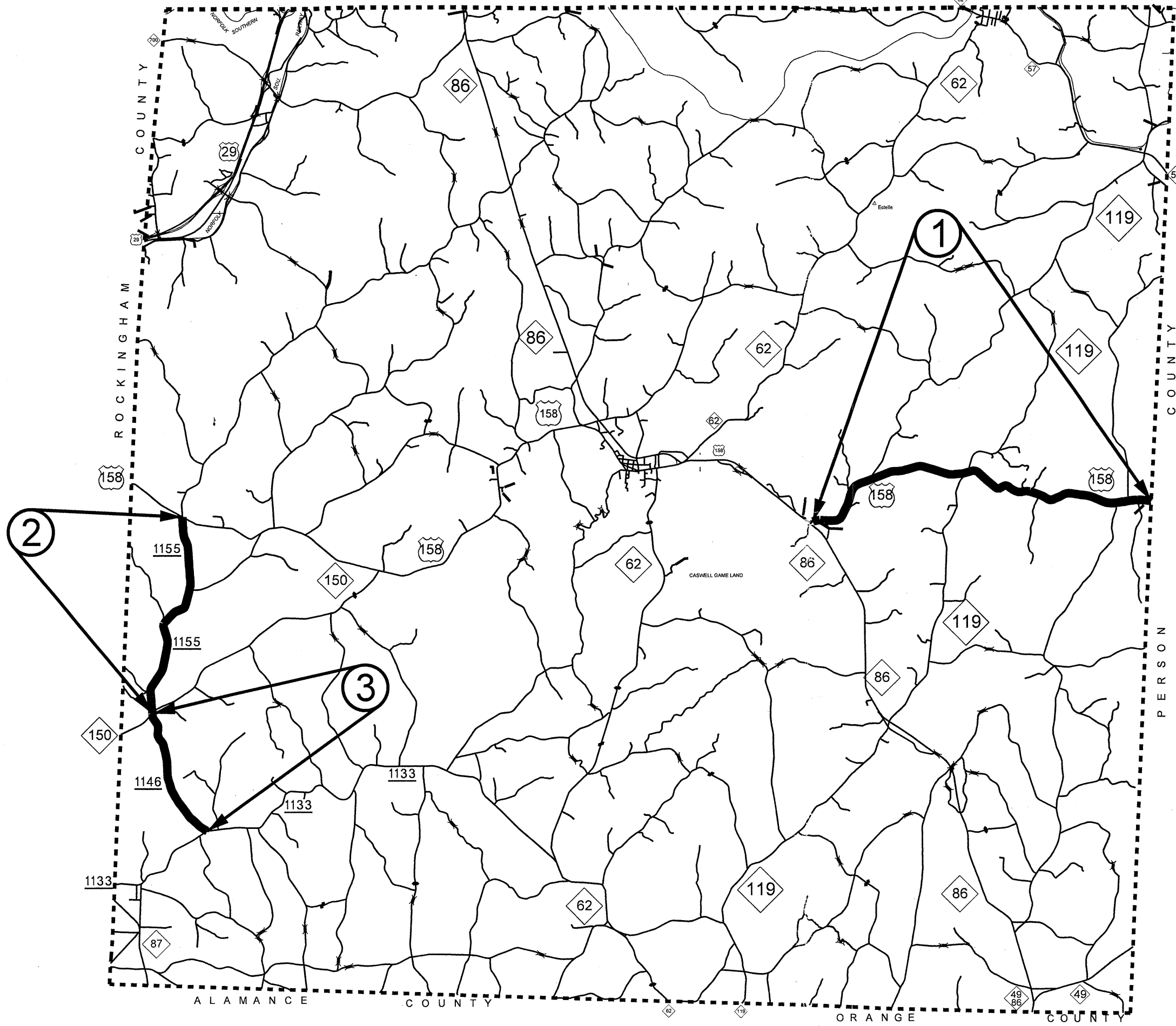


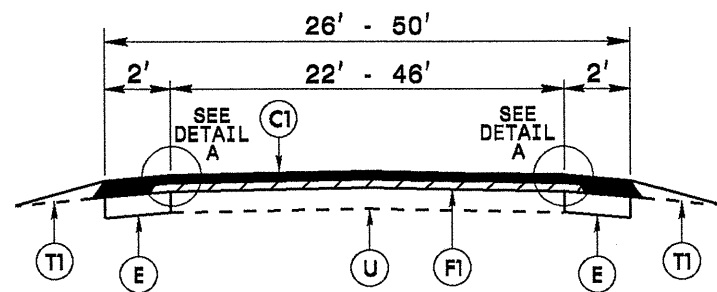
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10171.34, ETC	1	
F.A. PROJ. NO.			

7CR.10171.34
7CR.20171.34



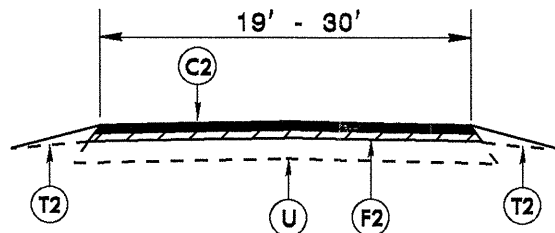
2012 CASWELL COUNTY

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10171.34, 7CR.20171.34	2	



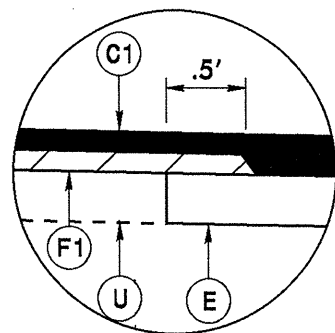
TYPICAL SECTION NO. 1

TO BE USED ON MAP 1
STA. 0+00 TO STA. 252+80
STA. 260+25 TO STA. 411+65

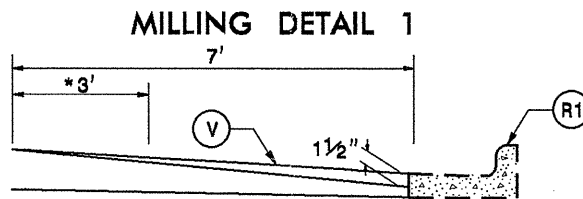


TYPICAL SECTION NO. 3

TO BE USED ON MAPS 2 AND 3



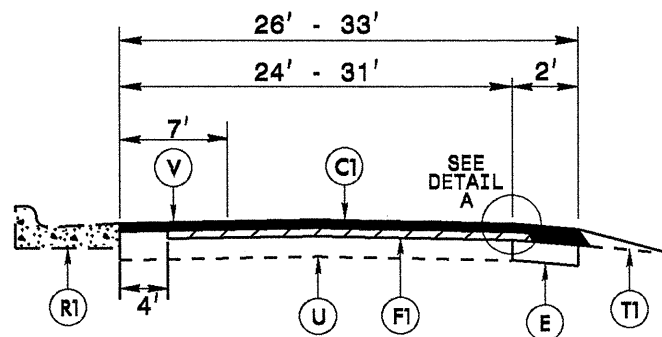
DETAIL A



MILLING DETAIL 1

PROFILE MILLING 0 - 1½"
*IF 78M OR #67 SEAL IS INVOLVED, OVERLAP 3'.
PROFILE MILL EXISTING ASPHALT PAVEMENT
0" - 1½" AT LOCATIONS AS DIRECTED BY THE
ENGINEER.

NOTE: TO BE USED IN CONJUNCTION WITH:
TS. NO. 2 ON MAP 1 STA. 252+80 TO STA. 260+25 LT



*NOTE: NO PAVEMENT ON BRIDGE #24
STA. 255+65 TO STA. 258+10

TYPICAL SECTION NO. 2

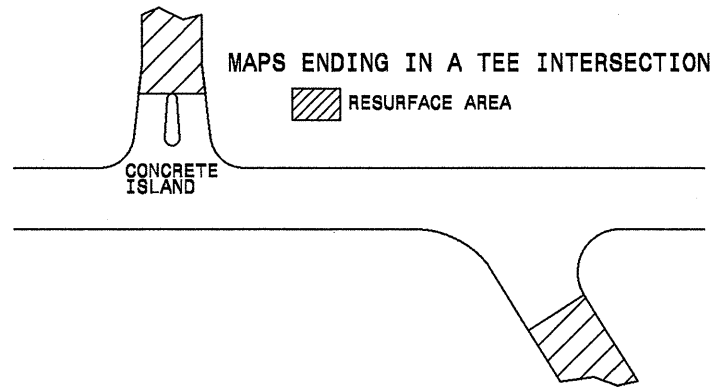
TO BE USED ON MAP 1
STA. 252+80 TO STA. 260+25

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1¼" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
E	PROP. APPROX. 8" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. IN EACH OF TWO LAYERS
F1	AST MAT COAT #67 STONE
F2	AST MAT COAT #78M STONE
R1	EXISTING CONCRETE STRUCTURE
T1	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER.
T2	INCIDENTAL STONE BASE IN LOW SHOULDER AREAS, AS DIRECTED BY THE ENGINEER.
U	EXISTING PAVEMENT.
V	0 - 1½" MILLING

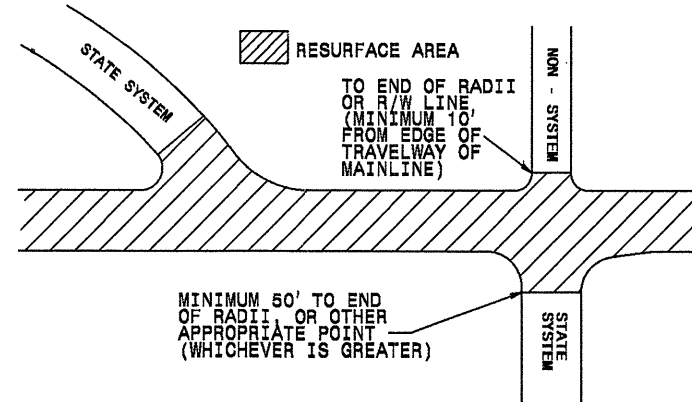
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10171.34, 7CR.20171.34	3	

**PAVING DETAIL 1
MAIN LINE IS NOT BEING RESURFACED**

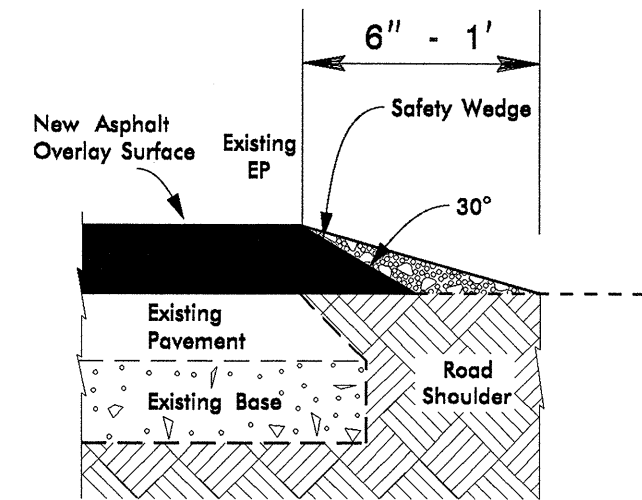


**PAVING DETAIL 2
MAIN LINE IS BEING RESURFACED**

NOTE: NON-SYSTEM (CITY STREET, PRIVATE DRIVE, SCHOOL BUS DRIVE)

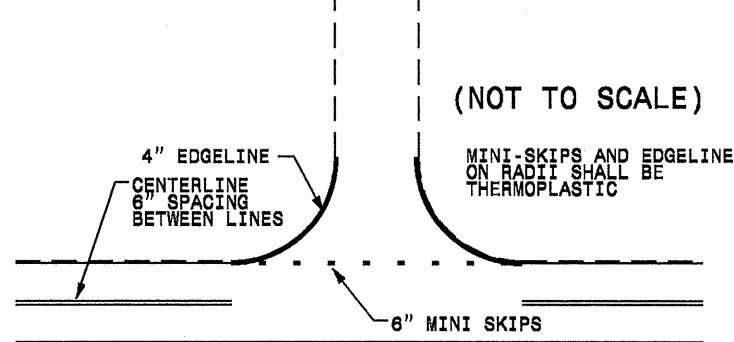


**INCIDENTAL STONE SHOULDER
DETAIL WITH SHOULDER WEDGE**



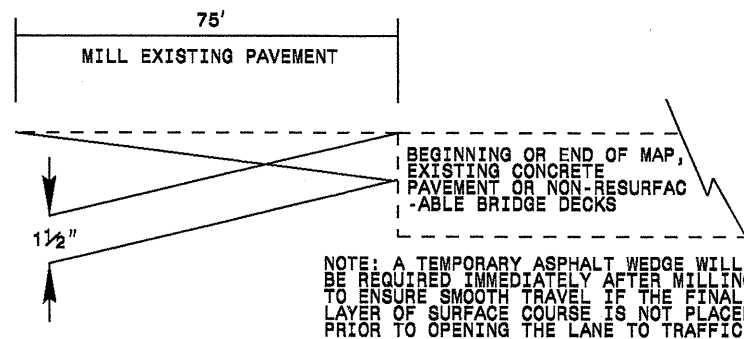
NOTE: ASB SHOULD BE PLACED AT THE DISCRETION OF THE ENGINEER
NEW ASPHALT OVERLAY SURFACE CAN VARY IN DEPTH

**TO BE USED AT ALL
NON-SIGNALIZED INTERSECTIONS**



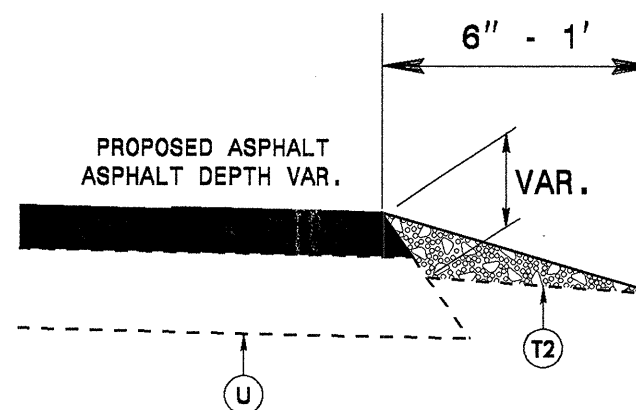
NOTE: MINI SKIPS SHALL BE PLACED ON A 8' CYCLE, CONTAINING AN 8' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".

INCIDENTAL MILLING DETAIL



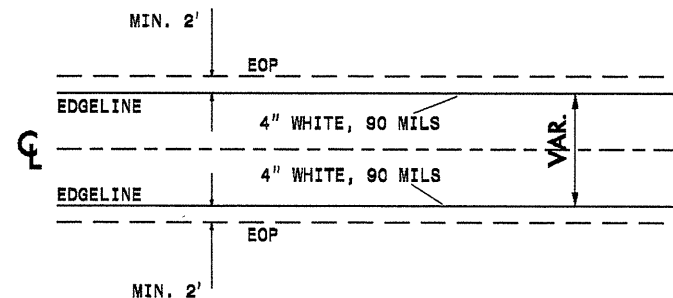
NOTE: A TEMPORARY ASPHALT WEDGE WILL BE REQUIRED IMMEDIATELY AFTER MILLING TO ENSURE SMOOTH TRAVEL IF THE FINAL LAYER OF SURFACE COURSE IS NOT PLACED PRIOR TO OPENING THE LANE TO TRAFFIC.

INCIDENTAL STONE SHOULDER DETAIL



NOTE: ASB SHOULD BE PLACED AT THE DISCRETION OF THE ENGINEER

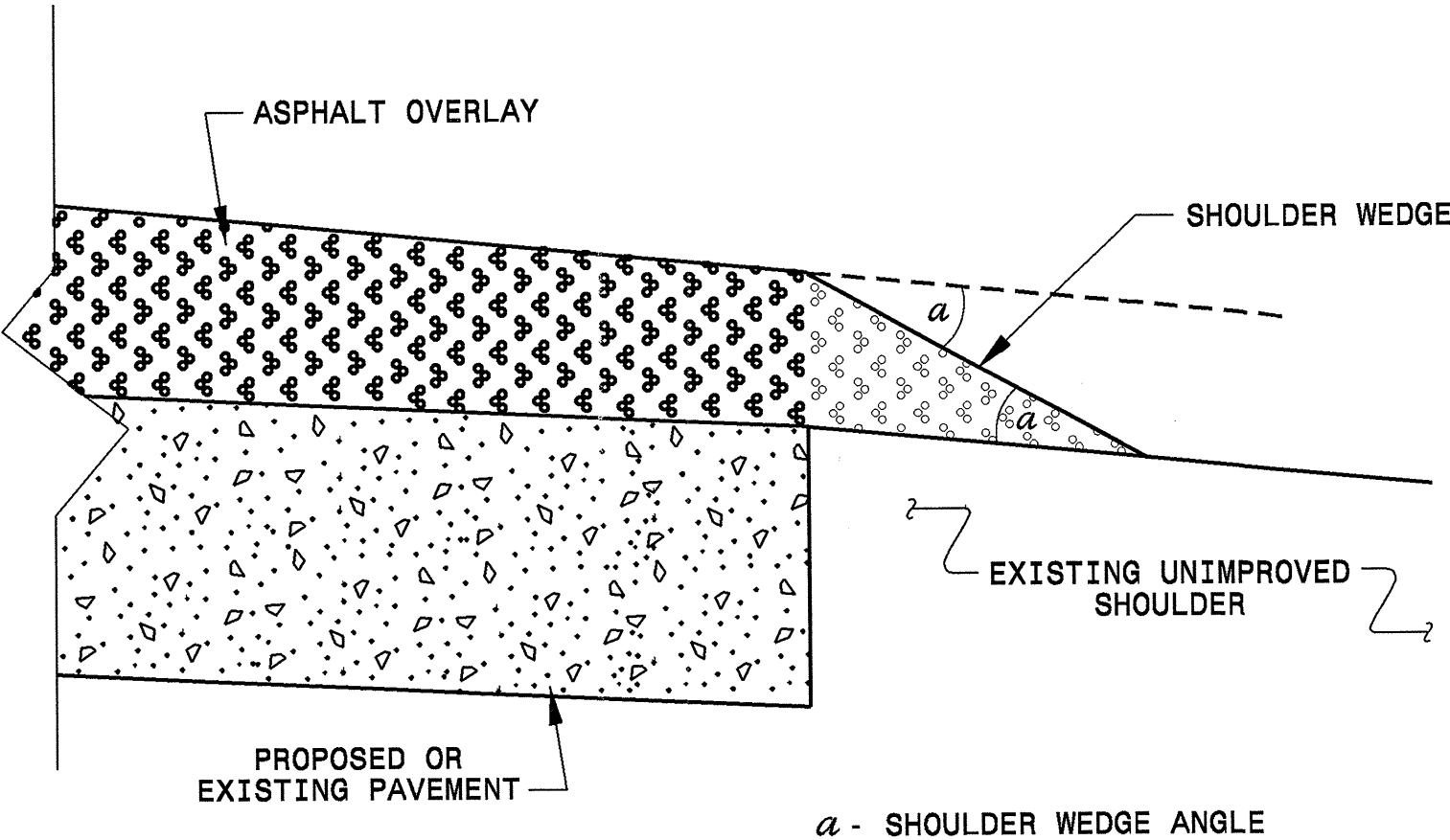
**STRIPING DETAIL 1
GENERAL STRIPING DETAIL FOR ENTIRE PROJECT**



NOTE:
1. TO BE USED IN CONJUNCTION WITH TYPICAL SECTION NO. 1 AND 2
2. USE IN CONJUNCTION WITH THE EXISTING PAVEMENT MARKINGS TO ESTABLISH THE STRIPING.
3. USE IN CONJUNCTION WITH THE NCDOT STANDARD DRAWINGS.

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
E	PROP. APPROX. 8" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. IN EACH OF TWO LAYERS
F1	AST MAT COAT #67 STONE
F2	AST MAT COAT #78M STONE
T1	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER.
T2	INCIDENTAL STONE BASE IN LOW SHOULDER AREAS, AS DIRECTED BY THE ENGINEER.
U	EXISTING PAVEMENT.
V	0 - 1 1/2" MILLING



SHOULDER WEDGE DETAIL

2-AUG-2002 14:40
 C:\Users\p... \Documents\misc\shoulderwedgedetail18aug2011.dgn
 P:\p... \AT\CSD\261656

CONTRACT STANDARDS AND DEVELOPMENT UNIT Office 919-707-6980 FAX 919-250-4119			
SHOULDER WEDGE DETAIL			
ORIGINAL BY:	T. SPELL	DATE:	7-18-11
MODIFIED BY:		DATE:	
CHECKED BY:		DATE:	
FILE SPEC.:	s:\ar\details\stand\shoulderwedgedetail.dgn		

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10171.34, 7CR.20171.34	5	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	AGGREGATE SHOULDER BORROW ALLOWED	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	MILLING ASPHALT PAVEMENT, 0" TO 1-1/2" DEPTH SY	INCIDENTAL MILLING SY	ASPHALT CONC BASE COURSE, TYPE B25.0B TONS	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE SY	ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE SY	SEEDING & MULCHING AC	RESIDENTIAL SEEDING ACR			
7CR.10171.34	Caswell	1	US 158	FROM NC 86 - 17.30 TO PERSON COUNTY LINE - 25.10	1	NO	YES	0.04	32-46	345	15.50		325	50	84	8		933	2.82	3			
					1	NO	YES	0.19	32			237	353	34		3,681							
					1	NO	YES	0.055	23-32			69	146	13		922							
					1	NO	YES	4.09	23			5,106	5,515	594		57,587							
					1	NO	YES	0.395	24			493	540	58		5,792							
					1	NO	YES	0.018	24-31			22	29	3		301							
					2	NO	YES	0.054	31			222	258	39	87	8	887						
					2	NO		0.046	31														
					2	NO	YES	0.041	24-31				168	233	29	60	5	585					
					1	NO	YES	2.866	22						3,578	3,761	409	38,666					
				1	NO	YES	0.002	22-27						208	2	2	30						
				TOTAL FOR MAP NO. 1							7.797		345	15.50	390	1,024	9,625	10,577	1,132		109,384	2.82	3
				TOTAL FOR PROJ NO. 7CR.10171.34							7.797		345	15.50	390	1,024	9,625	10,577	1,132		109,384	2.82	3
				7CR.20171.34	Caswell	2	SR 1155 (ASHLAND ROAD)	FROM NC 150 - 4.37 TO US 158 - 0.00	3	NO	YES	2.866	22	421			183		2,635	177	36,991		
3	NO	YES	1.483						19					1,143	77	16,531							
3	NO	YES	0.023						19-30			208		23	2	337							
TOTAL FOR MAP NO. 2								4.372		421		391		3,801	256	53,859							
3	SR 1146 (CAMP SPRINGS ROAD)	FROM SR 1133 (CHERRY GROVE ROAD) - 2.76 TO NC 150 - 0.00	3			NO	NO	0.014	20-22	156				175		12	1	173					
			3			NO	NO	2.729	20					2,213	148	32,020							
			3			NO	NO	0.012	20-24			183		11	1	155							
TOTAL FOR MAP NO. 3								2.755		156		358		2,236	150	32,348							
TOTAL FOR PROJ NO. 7CR.20171.34								7.127		577		749		6,037	406	86,207							
GRAND TOTAL								14.924		922	15.50	390	1,773	9,625	16,614	1,538	86,207	109,384	2.82	3			

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	4685000000-E	4686000000-E	4690000000-E	4710000000-E	4810000000-E		4900000000-N	4905000000-N			
							4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	6" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	4" WHITE PAINT LF	4" YELLOW PAINT LF	YELLOW & YELLOW MARKERS EA	SNOWPLOWABLE PAVEMENT MARKERS EA			
7CR.10171.34	Caswell	1	US 158	FROM NC 86 - 17.30 TO PERSON COUNTY LINE - 25.10	7.797	23-46	82,330	72,229	272	67				600			
					TOTAL FOR MAP NO. 1					7.797		82,330	72,229	272	67		600
					TOTAL FOR PROJ NO. 7CR.10171.34					7.797		82,330	72,229	272	67		600
7CR.20171.34	Caswell	2	SR 1155 (ASHLAND ROAD)	FROM NC 150 - 4.37 TO US 158 - 0.00	4.372	19-30	225		58		91,870	69,648	350				
					TOTAL FOR MAP NO. 2					4.372		225		58	91,870	69,648	350
					3	SR 1146 (CAMP SPRINGS ROAD)	FROM SR 1133 (CHERRY GROVE ROAD) - 2.76 TO NC 150 - 0.00	2.755	20-24						58,200	55,373	250
		TOTAL FOR MAP NO. 3						2.755				58,200	55,373	250			
		TOTAL FOR PROJ NO. 7CR.20171.34					7.127		225		58		150,070	125,021	600		
GRAND TOTAL					14.92		82,555	72,229	330	67	150,070	125,021	600	600			