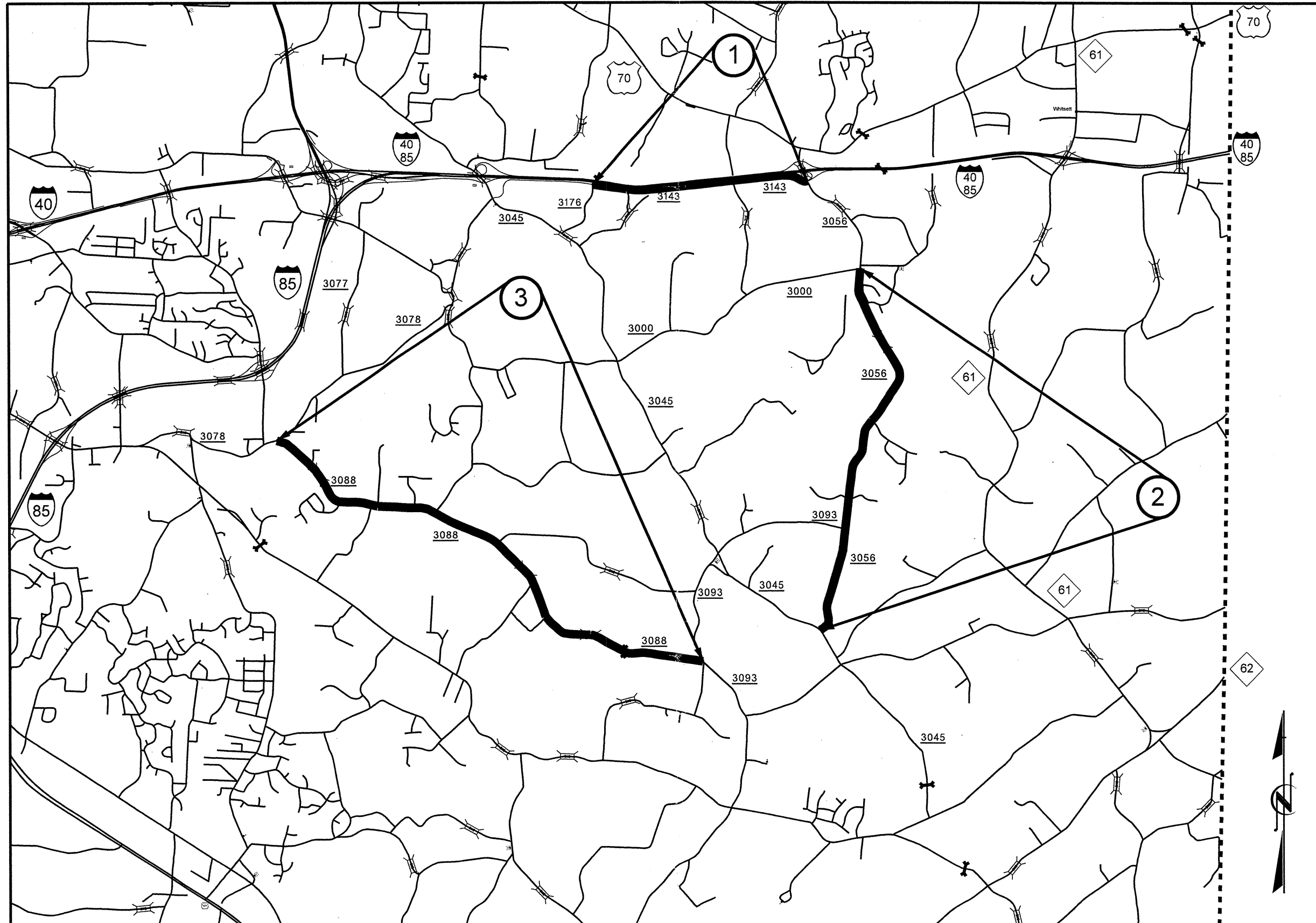


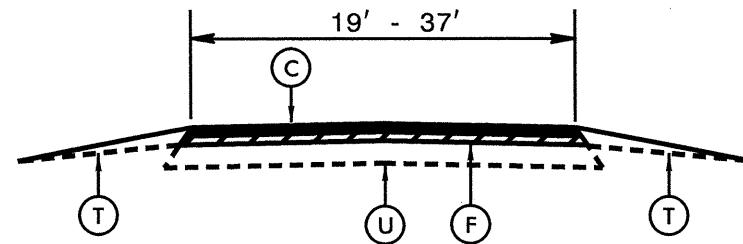
2012 GUILFORD COUNTY

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.20411.40	1	4
F.A. PROJ. NO.			



\$\$\$\$SYTIME\$\$\$\$
 \$\$\$DGN\$\$\$\$
 \$\$\$USERNAME\$\$\$\$

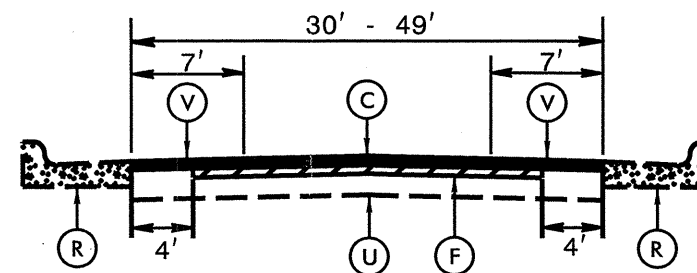
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.20411.40	2	4



*NOTE: NO PAVEMENT ON MAP 1:
STA. 70+00 TO STA. 81+95
**NOTE: NO PAVEMENT ON BRIDGES:
MAP 2: BRIDGE #212:
STA. 148+15 TO STA. 150+60
MAP 3: BRIDGE #245:
STA. 24+15 TO STA. 24+50
MAP 3: BRIDGE #248:
STA. 140+00 TO STA. 140+40
MAP 3: BRIDGE #247:
STA. 187+15 TO STA. 189+85

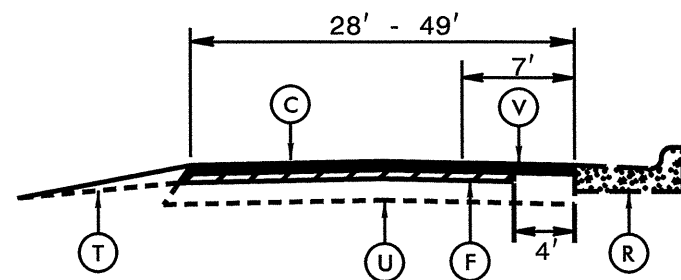
TYPICAL SECTION NO. 1

TO BE USED ON MAPS 1, 2, AND 3
MAP 1: STA. 0+00 TO STA. 44+35
STA. 60+85 TO STA. 102+35
MAP 2: STA. 0+00 TO STA. 161+50



TYPICAL SECTION NO. 3

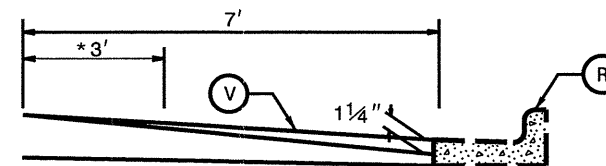
TO BE USED ON MAP 2
STA. 179+70 TO STA. 185+40



TYPICAL SECTION NO. 2

TO BE USED ON MAPS 1 AND 2
MAP 1: STA. 44+35 TO STA. 60+85
MAP 2: STA. 161+50 TO STA. 179+70
STA. 185+40 TO STA. 185+65

MILLING DETAIL 1



PROFILE MILLING 0 - 1 1/4"
*IF 78M OR #67 SEAL IS INVOLVED, OVERLAP 3'.
PROFILE MILL EXISTING ASPHALT PAVEMENT
1 1/4" AT LOCATIONS AS DIRECTED BY THE
ENGINEER.

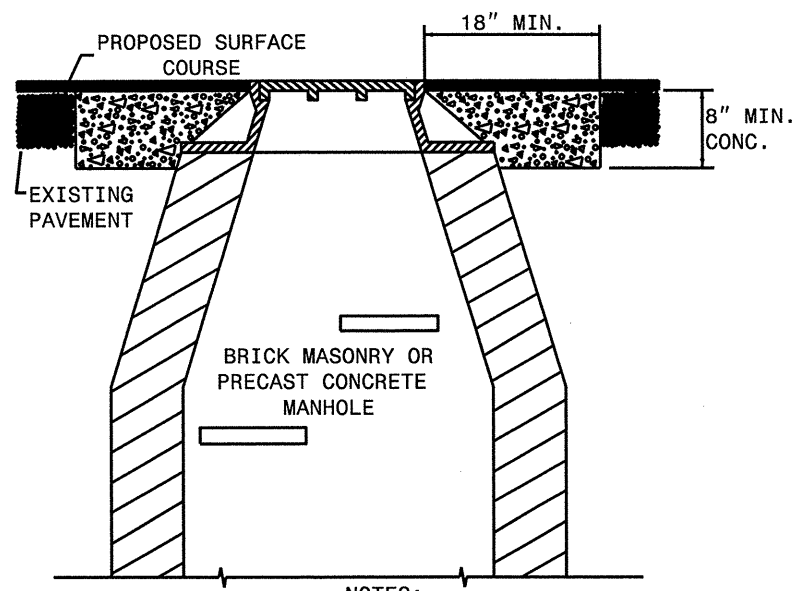
NOTE: TO BE USED IN CONJUNCTION WITH:
TS. NO. 2 ON MAP 1 STA. 44+35 TO STA. 60+85 RT
TS. NO. 2 ON MAP 2 STA. 161+50 TO STA. 179+70 RT
TS. NO. 2 ON MAP 2 STA. 185+40 TO STA. 185+65 RT
TS. NO. 3 ON MAP 2 STA. 179+70 TO STA. 185+40 LT & RT

PAVEMENT SCHEDULE

C	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
F	AST MAT COAT #78M STONE
R	EXISTING CONCRETE STRUCTURE
T	INCIDENTAL STONE BASE IN LOW SHOULDER AREAS, AS DIRECTED BY THE ENGINEER
U	EXISTING PAVEMENT.
V	0 - 1 1/4" MILLING

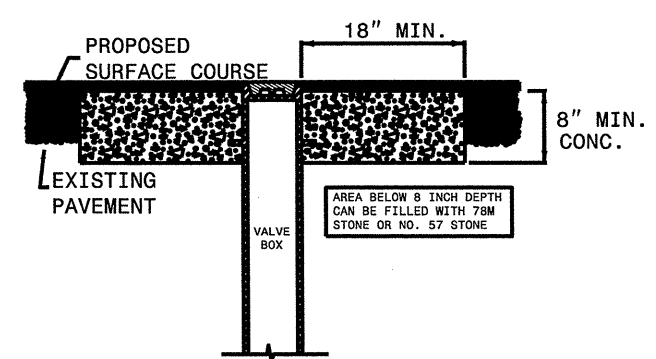
\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$NAME\$\$\$\$\$
\$\$\$\$\$NO\$\$\$\$\$
\$\$\$\$\$LIC\$\$\$\$\$
\$\$\$\$\$NO\$\$\$\$\$

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.20411.40	3	4



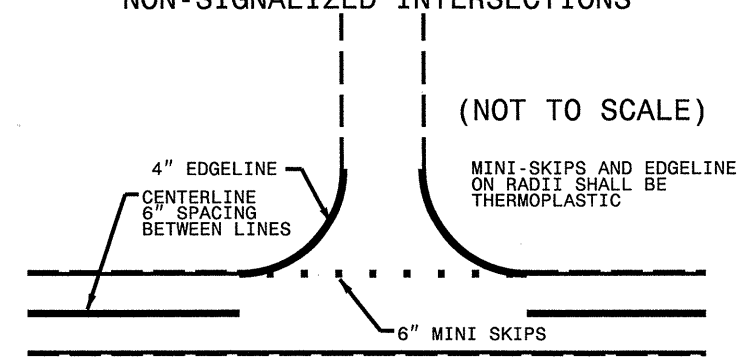
- NOTES:
- MORTAR SHALL BE MIXED TO NCDOT SPECIFICATIONS.
 - ALL FAULTY EXISTING BRICKWORK TO BE REMOVED AND REPLACED WITH NEW BRICK MASONRY.
 - EXCAVATION FOR THE ADJUSTMENT SHALL BE SHEER CUT ON ALL SIDES.
 - USE RAPID SET GROUT, MORTAR OR CONCRETE AS NOTED IN PROJECT SPECIAL PROVISIONS. CLASS B CONCRETE MAY BE USED WHEN THE ADJUSTMENTS ARE NOT IN THE TRAVEL LANE.

STANDARD CONCRETE ENCASEMENT FOR VALVE CASTINGS IN PAVEMENT



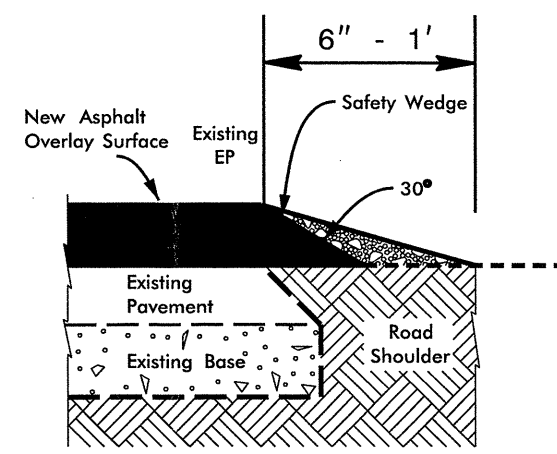
USE RAPID SET GROUT, MORTAR, OR CONCRETE CLASS B CONCRETE MAY BE USED WHEN ADJUSTMENTS ARE NOT IN THE TRAVEL LANE.

TO BE USED AT ALL NON-SIGNALIZED INTERSECTIONS



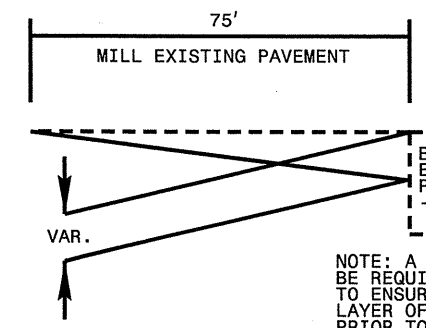
NOTE: MINI SKIPS SHALL BE PLACED ON A 10' CYCLE, CONTAINING AN 8' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".

INCIDENTAL STONE SHOULDER DETAIL WITH SHOULDER WEDGE



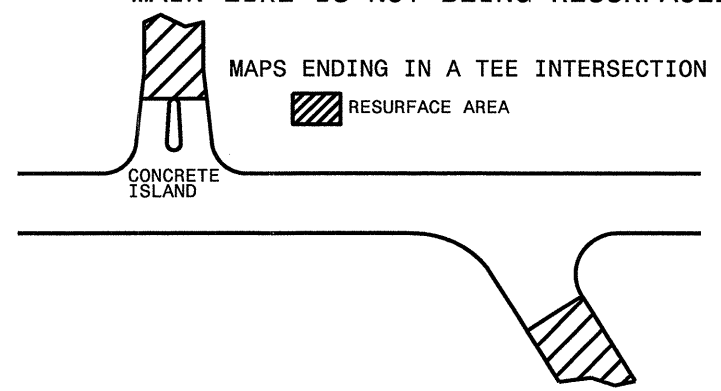
NOTE: ASB OR ABC STONE SHOULD BE PLACED AT THE DESGRESSION OF THE ENGINEER
NEW ASPHALT OVERLAY SURFACE CAN VARY IN DEPTH

INCIDENTAL MILLING DETAIL

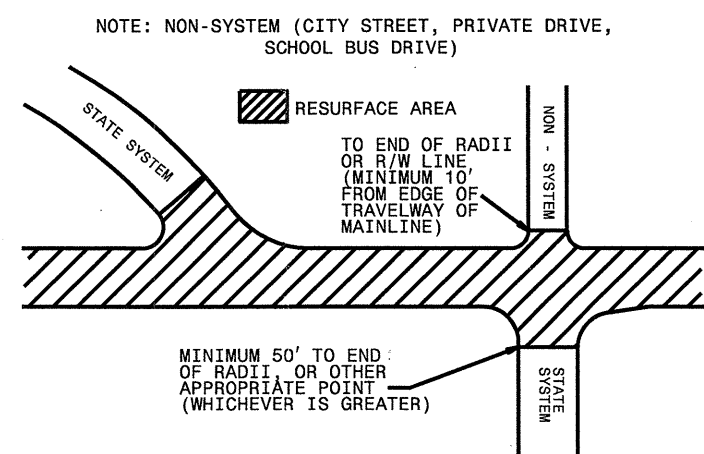


BEGINNING OR END OF MAP, EXISTING CONCRETE PAVEMENT OR NON-RESURFACABLE BRIDGE DECKS
NOTE: A TEMPORARY ASPHALT WEDGE WILL BE REQUIRED IMMEDIATELY AFTER MILLING TO ENSURE SMOOTH TRAVEL IF THE FINAL LAYER OF SURFACE COURSE IS NOT PLACED PRIOR TO OPENING THE LANE TO TRAFFIC.

PAVING DETAIL 1 MAIN LINE IS NOT BEING RESURFACED



PAVING DETAIL 2 MAIN LINE IS BEING RESURFACED



PAVEMENT SCHEDULE

C	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
F	AST MAT COAT #78M STONE
R	EXISTING CONCRETE STRUCTURE
T	INCIDENTAL STONE BASE IN LOW SHOULDER AREAS, AS DIRECTED BY THE ENGINEER
U	EXISTING PAVEMENT.
V	0 - 1 1/4" MILLING

TIME \$\$\$\$
DATE \$\$\$\$
DRAWN \$\$\$\$
CHECKED \$\$\$\$
DATE \$\$\$\$
DRAWN \$\$\$\$

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.20411.40	4	4

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH	WIDTH	INCIDENTAL STONE BASE	MILLING ASPHALT PAVEMENT, 0 - 1 1/4" DEPTH	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	ASPHALT BINDER FOR PLANT MIX	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE	ADJ. OF MANHOLES	ADJUSTMEN T OF METER BOXES OR VALVE BOXES					
							MI	FT								TONS	SY	SY	TONS	TONS	SY
7CR.20411.40	Guilford	1	SR 3143 (MILLSTREAM ROAD)	FROM SR 3176 (AT&T DRIVE) - 2.00 TO SR 3056 (ROCK CREEK DAIRY ROAD) - 3.94	1	NO	0.837	25	52		208	847	57	12,276							
					1	NO	0.003	25-32			4		51								
					2	NO	0.313	30		1,285	410	27	4,950	1	1						
					1	NO	0.036	25-32			42	3	613								
					1	NO	0.137	25			159	11	2,009								
					SKIP				1	NO	0.226	25									
					1	NO	0.358	25					362	24	5,251						
					1	NO	0.028	25-37					258	2	509						
					TOTAL FOR MAP NO. 1							1.938		52	1,285	466	1,859	124	25,659	1	1
					2	SR 3056 (ROCK CREEK DAIRY ROAD)	FROM SR 3045 (MT. HOPE CHURCH ROAD) - 0.00 TO SR 3000 (MCCONNELL ROAD) - 3.52	BRIDGE #212				1	NO	2.806	21	350		350	2,488	167	34,570
		1	NO	0.206				21				175	175	12	2,538						
		2	NO	0.136				28-36			559		176	12	2,320						
		2	NO	0.185				36			760		279	19	3,575						
		2	NO	0.024				49			99		68	5	639		1				
		3	NO	0.018				49			148		36	2	443						
		3	NO	0.021				41-49			172		38	3	464						
		3	NO	0.025				37-41			205		49	3	462	1					
		3	NO	0.045				37			370		67	5	783						
		2	NO	0.005				30			21		250	6	75						
		TOTAL FOR MAP NO. 2							3.517		350	2,334	775	3,382	228	45,869	1	1			
		3	SR 3088 (THACKER DAIRY ROAD)	FROM SR 3078 (MILLPOINT ROAD) - 4.64 TO SR 3093 (OLD JULIAN ROAD) - 0.00	BRIDGE #245				1	NO	0.448	21	355		401	27	5,519				
					1	NO	0.009	21-24				192	8	121							
					1	NO	0.007	24													
					1	NO	0.009	21-24				192	8	121							
					1	NO	2.169	21					2,021	135	26,722						
					1	NO	0.009	19-21				167	7	106							
					BRIDGE #248				1	NO	0.008	19									
					1	NO	0.009	19-21				167	7	106							
					1	NO	0.89	21				175	808	54	10,965						
					1	NO	0.023	24													
		1	NO	1.038	21					175	884	59	12,788								
		1	NO	0.019	21-23					183	17	245									
		TOTAL FOR MAP NO. 3							4.638		355	1,426	4,161	278	56,693						
		TOTAL FOR PROJ NO. 7CR.20411.40							10.093		757	3,619	2,667	9,402	630	128,221	2	2			
		GRAND TOTAL							10.093		757	3,619	2,667	9,402	630	128,221	2	2			

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LEN GTH	WIDTH	4685000000-E	4686000000-E	4690000000-E	4725000000-E		4810000000-E		4820000000-E	4900000000-N			
							4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	6" X 120 M WHITE THERMO LF	THERMO RT ARROW 90 M EA	THERMO LT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	8" YELLOW PAINT LF	YELLOW & YELLOW MARKERS EA	CRYSTAL & RED MARKERS EA		
7CR.20411.40	Guilford	1	SR 3143 (MILLSTREAM ROAD)	FROM SR 3176 (AT&T DRIVE) - 2.00 TO SR 3056 (ROCK CREEK DAIRY ROAD) - 3.94	1.9	25-37	16,430	14,919	22	1						150		
					TOTAL FOR MAP NO. 1							1.9	16,430	14,919	22	1		150
		2	SR 3056 (ROCK CREEK DAIRY ROAD)	FROM SR 3045 (MT. HOPE CHURCH ROAD) - 0.00 TO SR 3000 (MCCONNELL ROAD) - 3.52	3.5	21-49	675		95	1	10	68,696	67,598	1,134	300			
					TOTAL FOR MAP NO. 2							3.5	675		95	1	10	68,696
		3	SR 3088 (THACKER DAIRY ROAD)	FROM SR 3078 (MILLPOINT ROAD) - 4.64 TO SR 3093 (OLD JULIAN ROAD) - 0.00	4.6	21-24	1,125		194			95,510	88,885		400	180		
					TOTAL FOR MAP NO. 3							4.6	1,125		194		95,510	88,885
TOTAL FOR PROJ NO. 7CR.20411.40							10	18,230	14,919	311	2	10	164,206	156,483	1,134	850	180	
GRAND TOTAL							10	18,230	14,919	311	2	10	164,206	156,483	1,134	850	180	