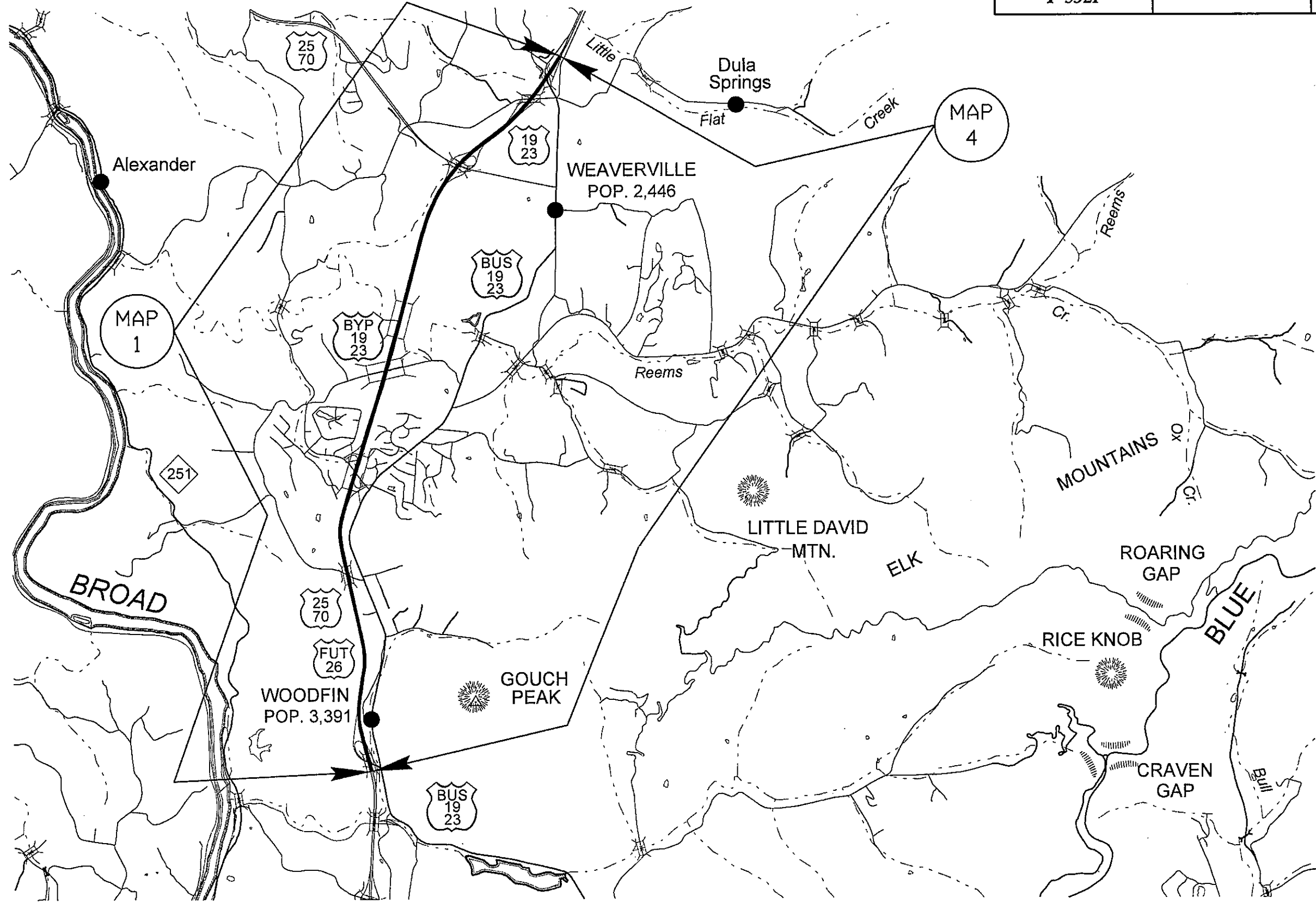
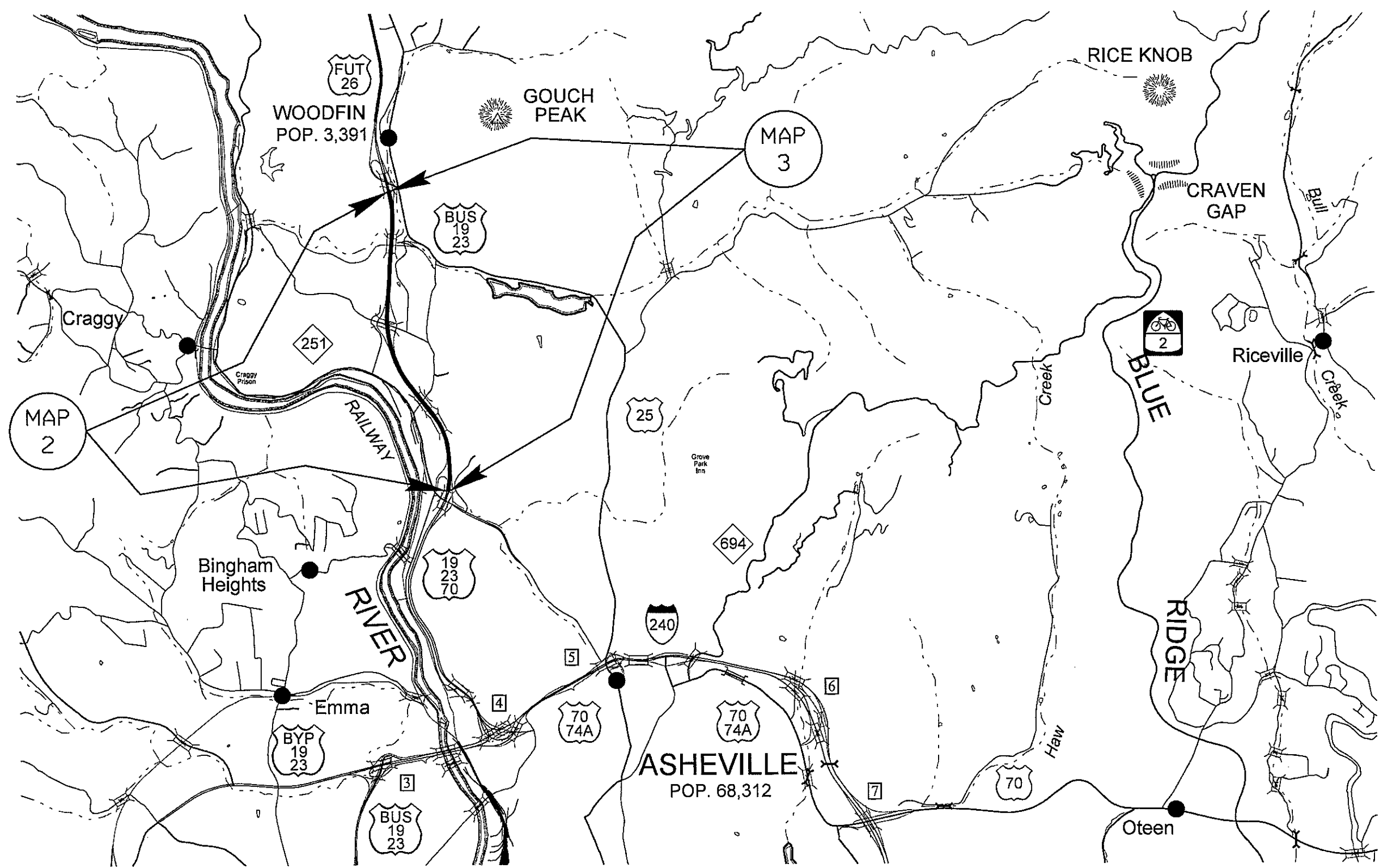


PROJECT NO.	SHEET NO.	TOTAL SHEETS
I-5321	1	



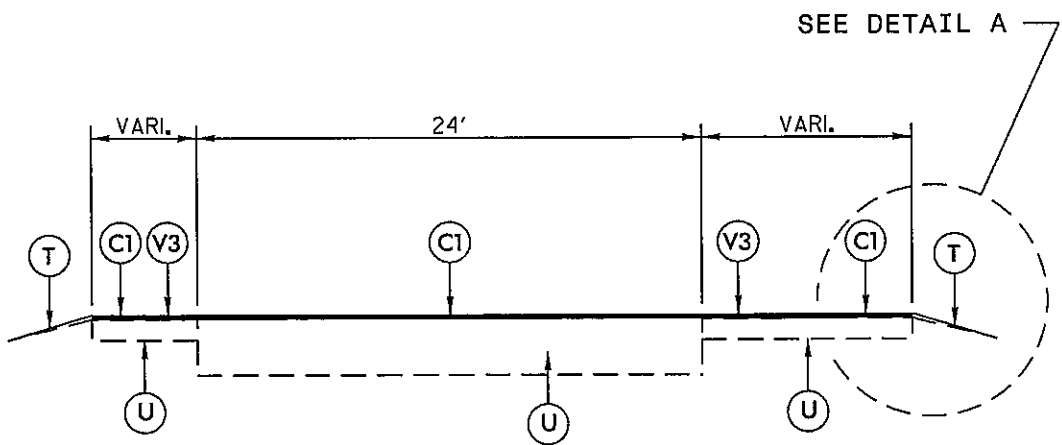
**BUNCOMBE COUNTY**

PROJECT NO.	SHEET NO.	TOTAL SHEETS
I-5321	2	



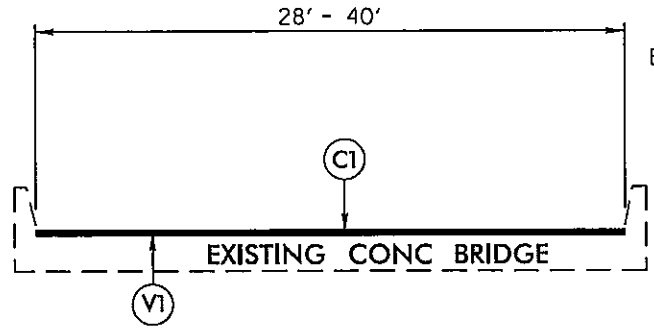
# BUNCOMBE COUNTY

<b>PROJECT NO.</b>	<b>SHEET NO.</b>	<b>TOTAL SHEETS</b>
I-5321	3	



**TYPICAL SECTION NO. 1**

CLIP/CUT SHOULDERS PER NCDOT STANDARD  
DRAWING 560.01 & 560.02  
BEFORE RE-INSTALLING GUARDRAIL  
IN AREAS AS DIRECTED BY ENGINEER

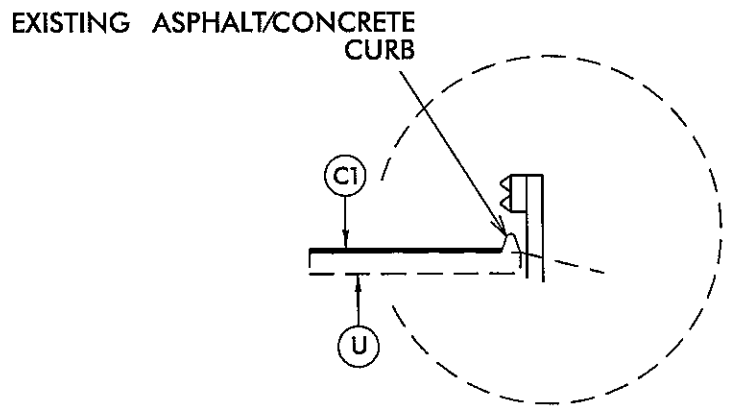


BRIDGE WIDTHS AND LENGTHS

345 = 28'x192'
346 = 28'x174'
353 = 40'x184'
354 = 40'x184'
370 = 28'x270'
373 = 28'x270'

**BRIDGE DETAIL**

FOR BRIDGE NUMBERS 345, 346, 353, 354, 370, & 373:  
MILL PAVEMENT, PATCH BRIDGE DECK AS NEEDED,  
AND RESURFACE BRIDGE DECK BACK UP TO  
ELEVATION OF EXISTING ROAD.  
FOR BRIDGE NUMBERS 284, 289, 302, 303, 314,  
315, 329, 330, 337 AND 338:  
DO NOT MILL OR PAVE



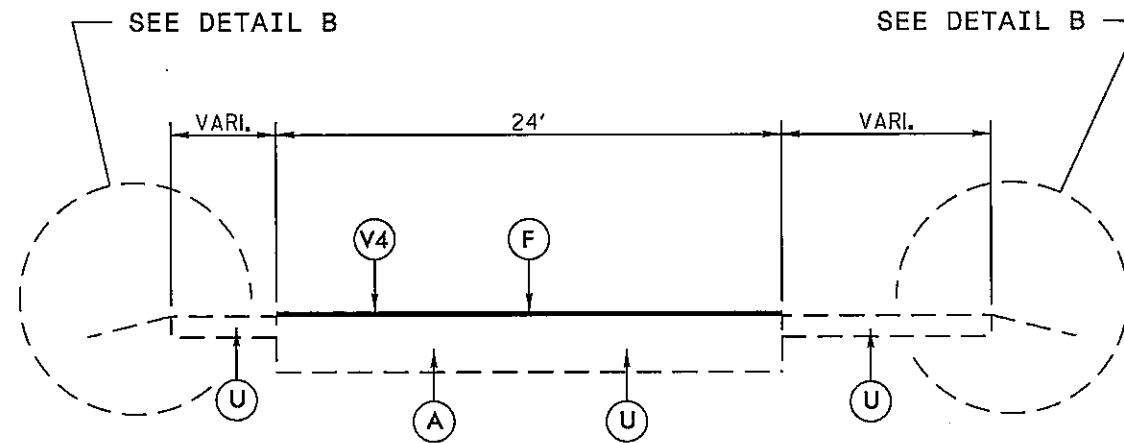
**DETAIL A**

VARIOUS LOCATIONS  
PAVE UP TO ASPHALT/CONCRETE CURB  
UNDER GUARDRAIL AS DIRECTED BY THE ENGINEER

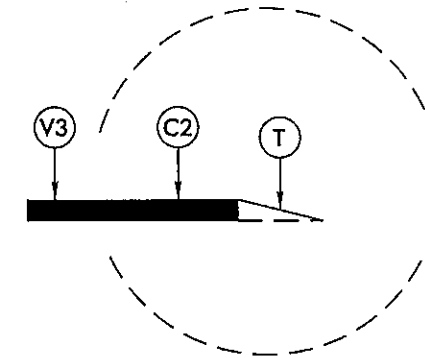
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.SC, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLING ASPHALT PAVEMENT, 1-1/2" DEPTH
V3	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)

**BUNCOMBE COUNTY**

<b>PROJECT NO.</b>	<b>SHEET NO.</b>	<b>TOTAL SHEETS</b>
I-5321	4	

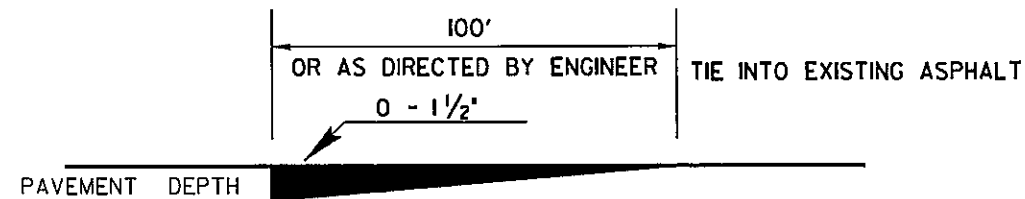


**TYPICAL SECTION NO. 2**



**DETAIL B**

**VARIOUS LOCATIONS**  
PAVE SHOULDERS AND MILL RUMBLE STRIPS  
IN AREAS DAMAGED DURING  
THE REPAIR OF THE CONCRETE PAVEMENT  
AS DIRECTED BY THE ENGINEER



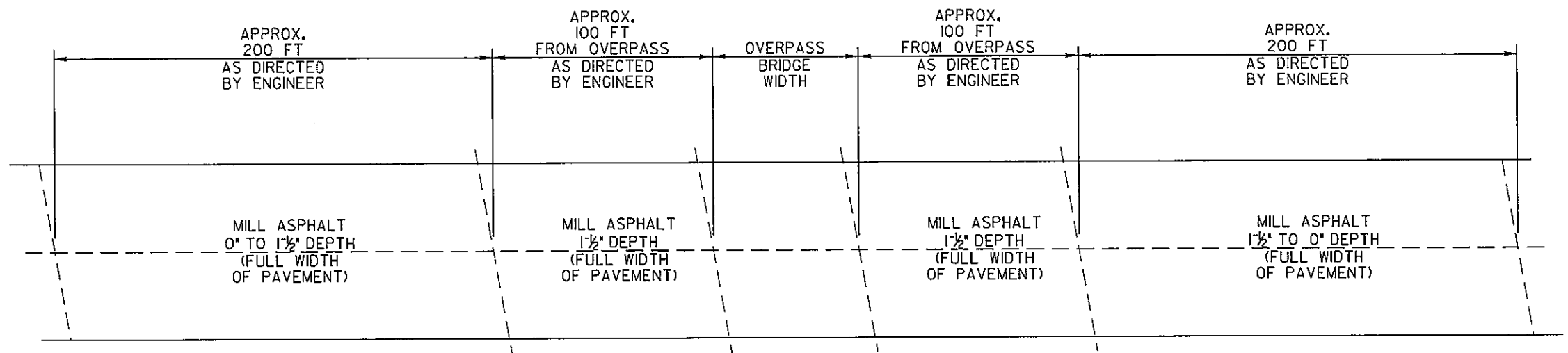
**DETAIL TO TIE INTO EXIST PAVEMENT**

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT HE WILL BE REQUIRED TO MILL THE EXISTING ASPHALT PAVEMENT TO ENSURE A PROPER TIE-IN WITH THE EXISTING SURFACE AT THE BEGINNING, END AND RAMPS OF EACH MAP TO BE RESURFACED WITH ASPHALT CONC SURFACE COURSE, TYPE S9.5C. THIS WILL BE PAID FOR AS INCIDENTAL MILLING.

PAVEMENT SCHEDULE	
A	8" CONCRETE PAVEMENT REPAIR (AT LOCATIONS TO BE DETERMINED BY THE ENGINEER)
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD IN EACH OF TWO LAYERS
F	ULTRA-THIN BONDED WEARING COURSE
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT (CONCRETE TRAVELWAY AND ASPHALT SHOULDERS)
V3	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
V4	FINE MILLING (5/8" DEPTH)

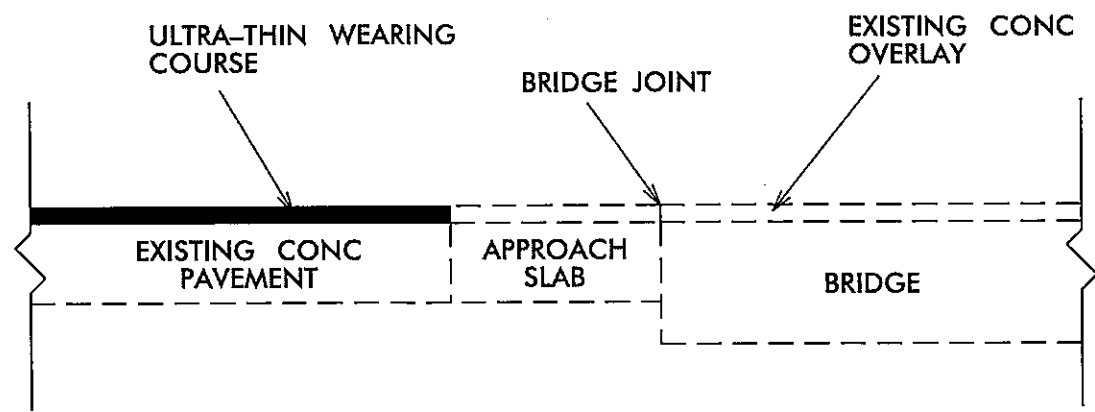
**BUNCOMBE COUNTY**

PROJECT NO.	SHEET NO.	TOTAL SHEETS
I-5321	5	



**PLAN VIEW FOR**  
**MILLING DETAIL UNDER BRIDGE OVERPASS**

USE AT BRIDGE OVERPASS #'S: 367, 382, 387, & 392

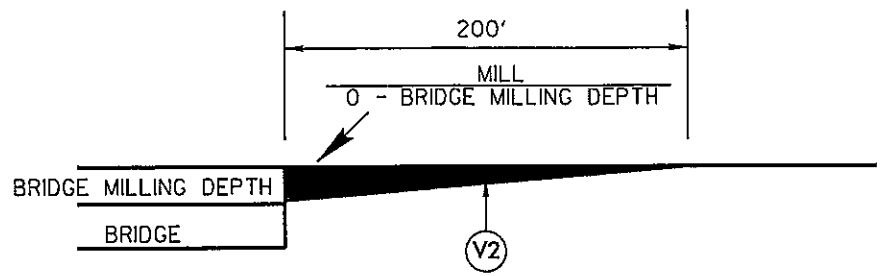


**TIE-IN DETAIL AT BRIDGE**

TIE ULTRA-THIN WEARING COURSE TO  
EXISTING CONC OVERLAY ON BRIDGE DECKS  
AND APPROACH SLABS AS DIRECTED BY  
THE ENGINEER.

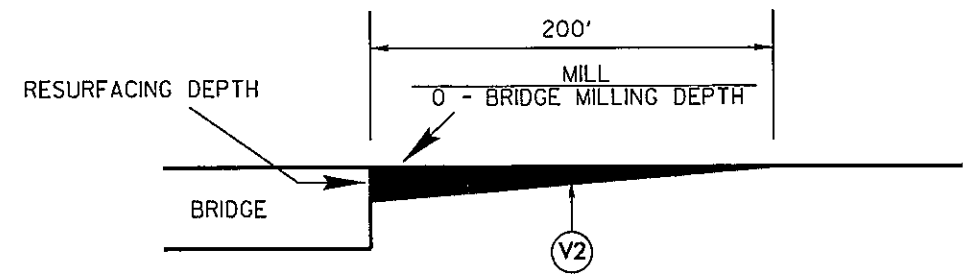
**BUNCOMBE COUNTY**

PROJECT NO.	SHEET NO.	TOTAL SHEETS
I-5321	6	



**MILLING DETAIL AT BRIDGE APPROACHES**

WHERE BRIDGES WILL BE MILLED THEN RESURFACED.



**MILLING DETAIL AT BRIDGE APPROACHES**

USE AT BRIDGE NUMBERS 337 AND 338

**BUNCOMBE COUNTY**

PAVEMENT SCHEDULE	
V2	MILLING ASPHALT PAVEMENT, 0" TO 1-1/2" DEPTH

PROJECT NO.	SHEET NO.	TOTAL NO.
I-5321	7	7

### 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	UNDERCUT EXCAVATION CY	GEOTEXTILE FOR SOIL STABILIZATION SY	CLASS IV SUBGRADE STABILIZATION TON	SHOULDER RECONSTRUCTION SMI	MILLING ASPHALT PAVEMENT, 1-1/2" DEPTH SY	MILLING ASPHALT PAVEMENT, 0" TO 1 1/2" DEPTH SY	INCIDENTAL MILLING SY	ASPHALT CONC SURFACE COURSE, TYPE S9.5C TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A TON	ASPHALT BINDER FOR PLANT MIX TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX TON	ULTRA-THIN BONDED WEARING COURSE TON	APPLICATION OF ULTRATHIN HOT MIX SY
46267.3.FS1	Buncombe	1	FUT. I-26 EASTBOUND	FROM SR 1733 (CLARKS CHAPEL RD) TO BRIDGE NO. 338	1	2	MD	NO	NO	5.3	40				10.60	7,710	7,300	2,100	11,645		687			
		2	FUT. I-26 EASTBOUND	FROM BRIDGE NO. 338 TO SR 1781 (BROADWAY ST)	2	2	MD	NO	NO	2.17	25	52	314	106	0.87					250	17	58	1,114	32,675
		3	FUT. I-26 WESTBOUND	FROM SR 1781 (BROADWAY ST) TO BRIDGE NO. 337	2	2	MD	NO	NO	2.17	25	53	315	107	0.87					250	17	58	1,114	32,675
		4	FUT. I-26 WESTBOUND	FROM BRIDGE NO. 337 TO SR 1733 (CLARKS CHAPEL RD)	1	2	MD	NO	NO	5.3	40				10.60	7,870	7,500	2,150	11,530		680			
TOTAL FOR PROJ NO. 46267.3.FS1										14.94		105	629	213	22.94	15,580	14,800	4,250	23,175	500	1,401	116	2,228	65,350
GRAND TOTAL										14.94		105	629	213	22.94	15,580	14,800	4,250	23,175	500	1,401	116	2,228	65,350

### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH MI	WIDTH FT	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE) LF	REPAIR OF JOINTED CONCRETE PAVEMENT SLABS SY	FINE MILLING SY	GUARDRAIL ANCHOR UNITS, TYPE 350 EA	REMOVE & RESET EXISTING GUARDRAIL LF	PORTABLE LIGHTING LS	SEEDING & MULCHING AC	CLASS II, SURFACE PREPARATION SY	VOLUMETRIC MIXER LS	CONCRETE FOR DECK REPAIR CF	
46267.3.FS1	Buncombe	1	FUT. I-26 EASTBOUND	FROM SR 1733 (CLARKS CHAPEL RD) TO BRIDGE NO. 338	1	2	MD	5.3	40	55,968			2.00	41,454.00	0.25	7.70	38.00	0.50	110.00	
		2	FUT. I-26 EASTBOUND	FROM BRIDGE NO. 338 TO SR 1781 (BROADWAY ST)	2	2	MD	2.17	25	4,584	1,570	32,675	1.00		0.25	0.63				
		3	FUT. I-26 WESTBOUND	FROM SR 1781 (BROADWAY ST) TO BRIDGE NO. 337	2	2	MD	2.17	25	4,584	1,575	32,675	1.00		0.25	0.63				
		4	FUT. I-26 WESTBOUND	FROM BRIDGE NO. 337 TO SR 1733 (CLARKS CHAPEL RD)	1	2	MD	5.3	40	55,968			2.00	42,784.00	0.25	7.70	38.00	0.50	110.00	
TOTAL FOR PROJ NO. 46267.3.FS1										14.94	121,104	3,145	65,350	6.00	84,238.00	1	16.66	76.00	1.00	220.00
GRAND TOTAL										14.94	121,104	3,145	65,350	6.00	84,238.00	1	16.66	76.00	1.00	220.00

### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH MI	WIDTH FT	4413000000-E	4457000000-N	4510000000-N	4725000000-E	4815000000-E		4847100000-E		4847120000-E	4905000000-N
										WORK ZONE ADVANCE/ GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	LAW ENFORCEMENT HR	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) MERGE ARROW EA	PAINT PAVEMENT MARKING LINES (6") WHITE LF	PAINT PAVEMENT MARKING LINES (6") YELLOW LF	POLYUREA PAVEMENT MARKING LINES (6", HIGHLY REFLECTIVE ELEMENTS) WHITE LF	POLYUREA PAVEMENT MARKING LINES (6", HIGHLY REFLECTIVE ELEMENTS) YELLOW LF	POLYUREA PAVEMENT MARKING LINES (12", HIGHLY REFLECTIVE ELEMENTS) WHITE LF	SNOWPLOWABLE PAVEMENT MARKERS EA
46267.3.FS1	Buncombe	1	FUT. I-26 EASTBOUND	FROM SR 1733 (CLARKS CHAPEL RD) TO BRIDGE NO. 338	1	2	MD	5.3	40	148	0.25	27.5	12			36,350	27,990	3,325	594
		2	FUT. I-26 EASTBOUND	FROM BRIDGE NO. 338 TO SR 1781 (BROADWAY ST)	2	2	MD	2.17	25	148	0.25	27.5	3	29,640	22,940	14,820	11,470	1,475	252
		3	FUT. I-26 WESTBOUND	FROM SR 1781 (BROADWAY ST) TO BRIDGE NO. 337	2	2	MD	2.17	25	148	0.25	27.5	6	29,640	22,940	14,870	11,470	1,416	248
		4	FUT. I-26 WESTBOUND	FROM BRIDGE NO. 337 TO SR 1733 (CLARKS CHAPEL RD)	1	2	MD	5.3	40	148	0.25	27.5	6			35,690	27,990	3,438	582
TOTAL FOR PROJ NO. 46267.3.FS1										592	1	110	27	59,280	45,880	101,730	78,920	9,654	1,676
GRAND TOTAL										592	1	110	27	59,280	45,880	101,730	78,920	9,654	1,676