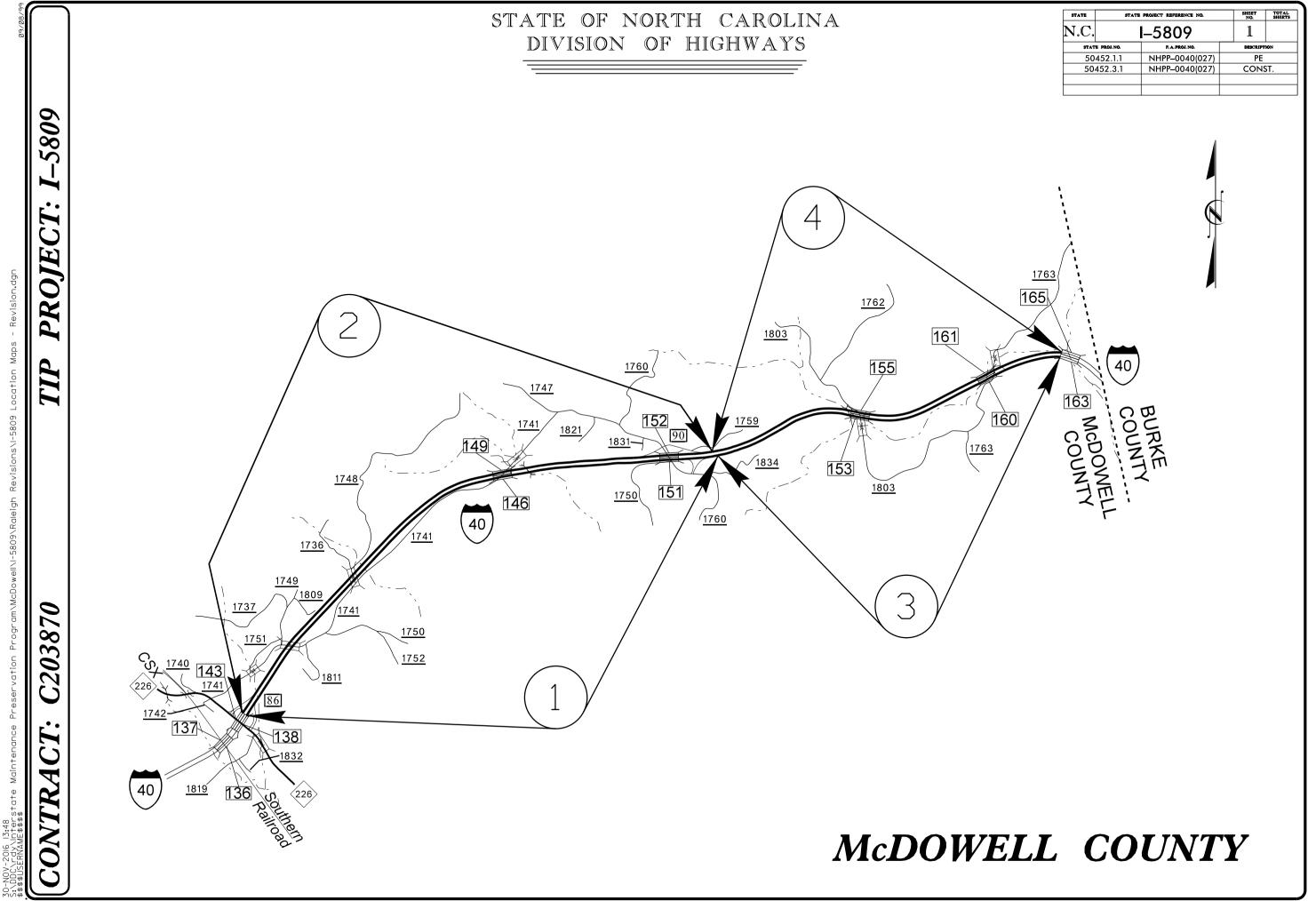
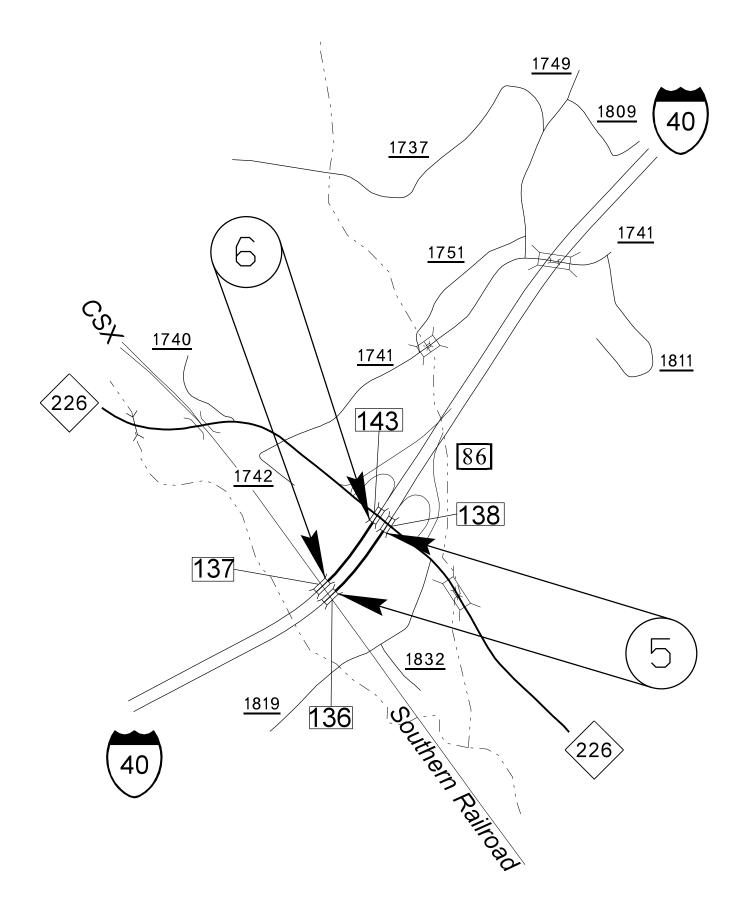
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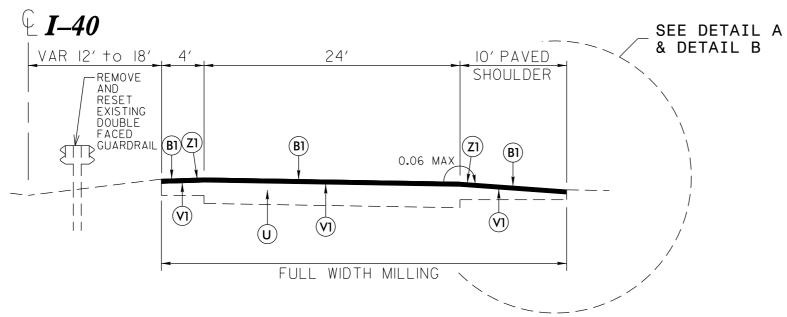
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5809	2	



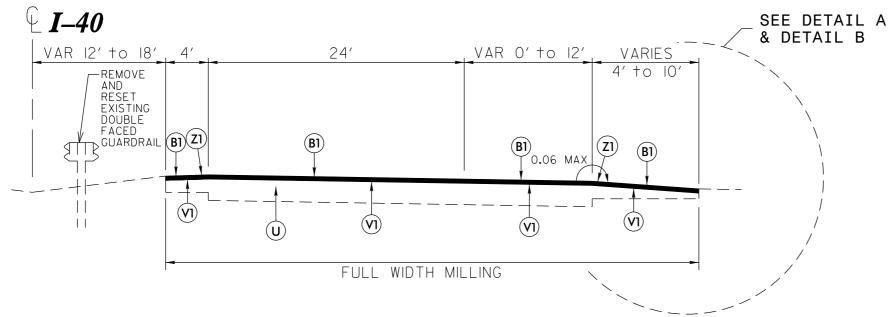


McDOWELL COUNTY

PROJECT NO.	SHEET NO.	TOTAL SHEETS
<i>I</i> –5809	3	
1-3009		

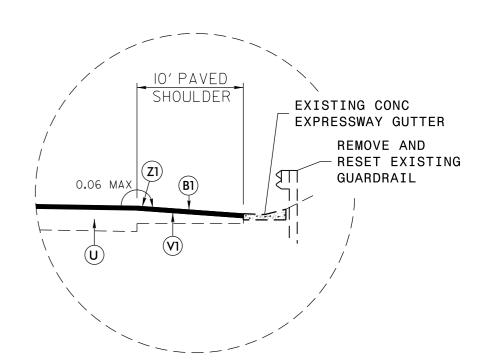


# TYPICAL SECTION NO. 1



# TYPICAL SECTION NO. 2

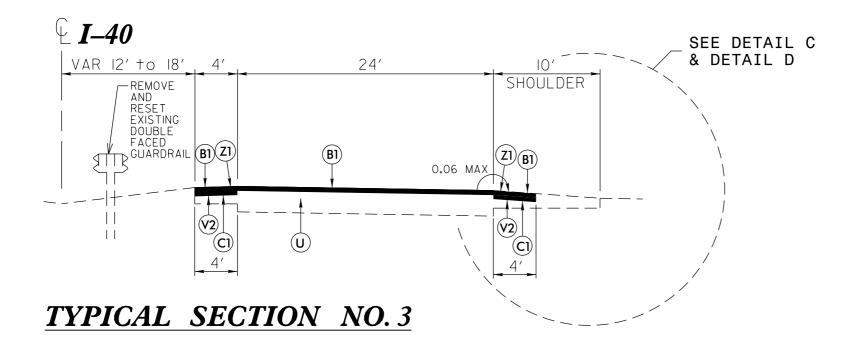
# McDOWELL COUNTY

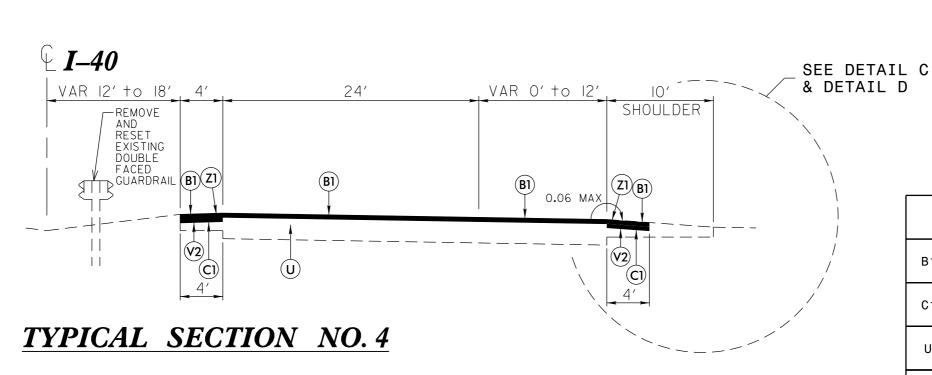


# **DETAIL** A VARIOUS LOCATIONS

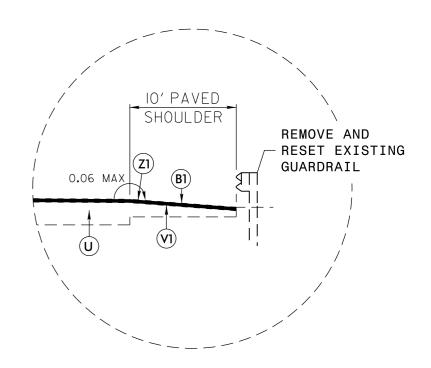
	PAVEMENT SCHEDULE
B1	PROP. OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
V1	FINE MILLING (⁵%″ DEPTH)
V2	MILLING ASPHALT PAVEMENT, 2" DEPTH
V3	INCIDENTAL MILLING
Z1	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)

PROJECT NO.	SHEET NO.	TOTAL SHEETS
I-5809	4	
1-3009		





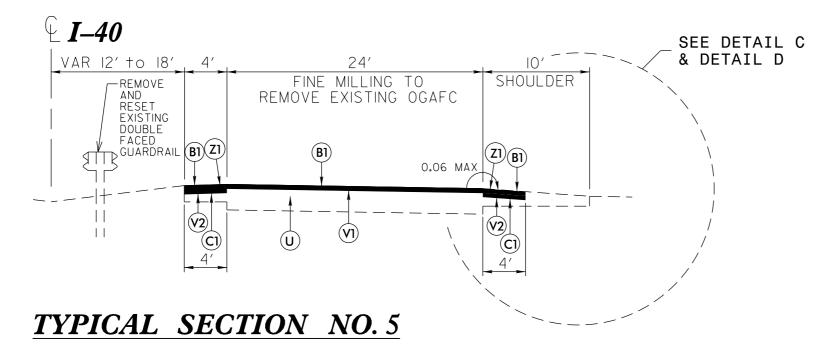


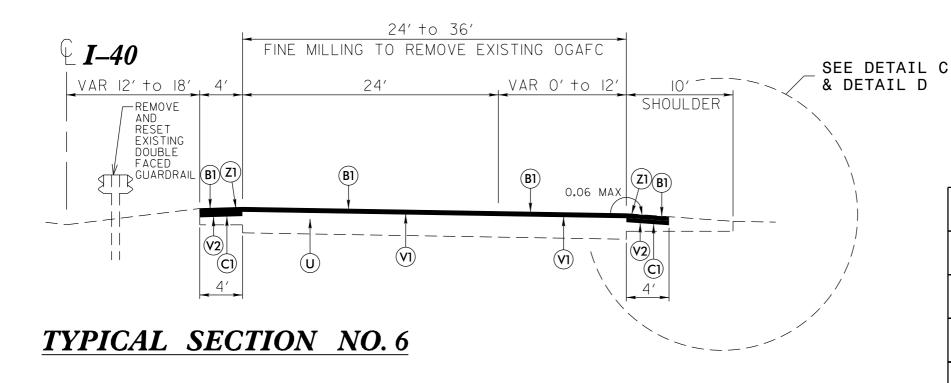


# **DETAIL B**VARIOUS LOCATIONS

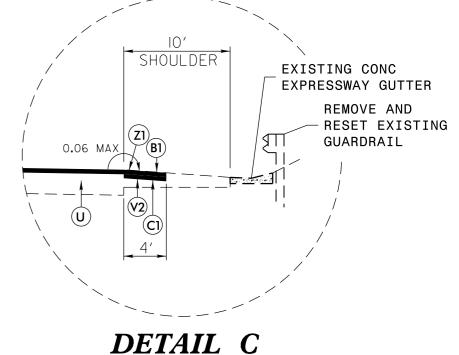
	PAVEMENT SCHEDULE
B1	PROP. OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
V1	FINE MILLING (5/8" DEPTH)
V2	MILLING ASPHALT PAVEMENT, 2" DEPTH
Z1	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)

PROJECT NO.	SHEET NO.	TOTAL SHEETS
<i>I–580</i> 9	5	
1–3009		





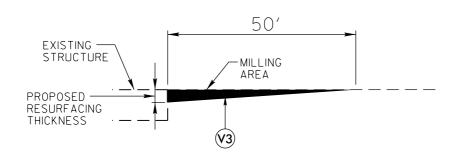
McDOWELL COUNTY



VARIOUS LOCATIONS

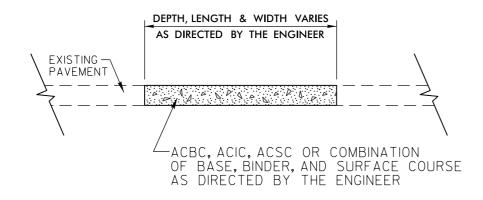
	PAVEMENT SCHEDULE
B1	PROP. OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
V1	FINE MILLING (5⁄8″ DEPTH)
V2	MILLING ASPHALT PAVEMENT, 2" DEPTH
Z1	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)

PROJECT NO.	SHEET NO.	TOTAL SHEETS
I-5809	6	
1-3607		



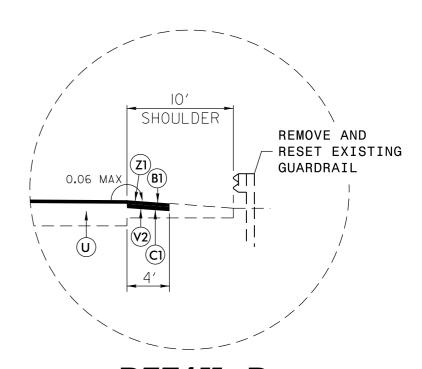
## MILLING DETAIL AT BRIDGE APPROACHES

WHERE BRIDGES WILL NOT BE RESURFACED.
THIS WILL BE PAID FOR AS INCIDENTAL MILLING.
USE AT BRIDGE NUMBERS 138, 143, 146, 149, 151 and 152.



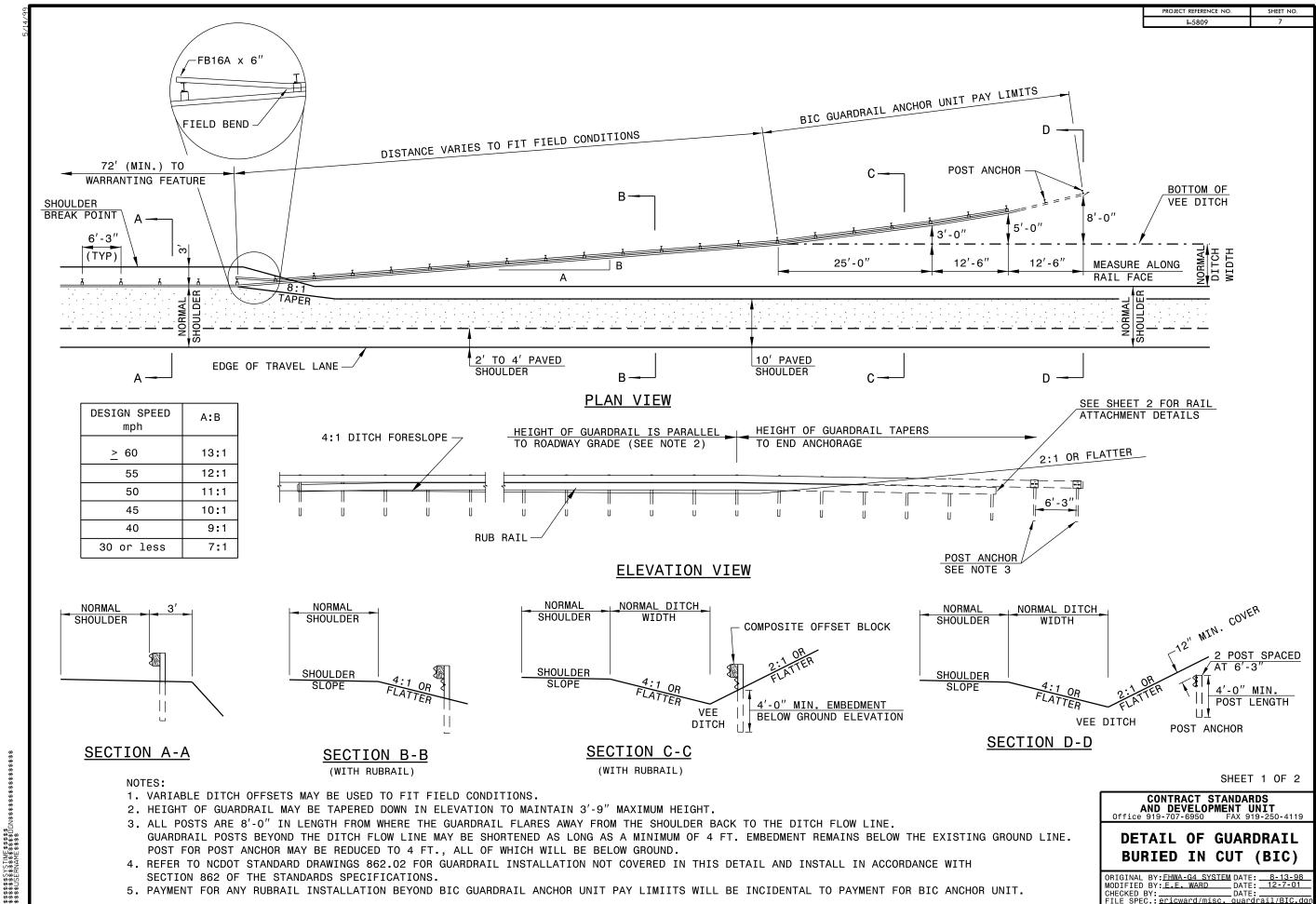
DETAIL FOR PATCHING EXISTING PAVEMENT

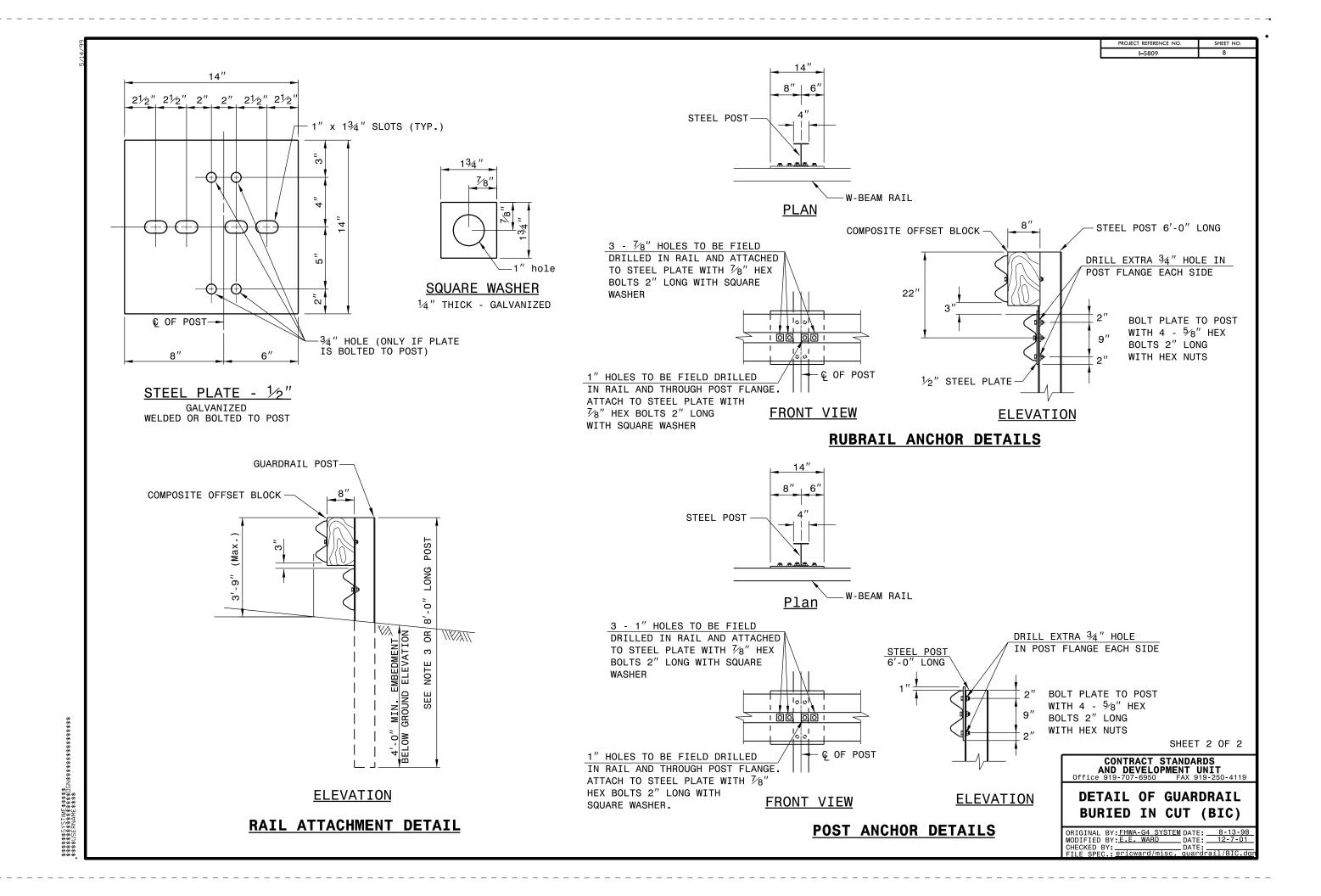
McDOWELL COUNTY



**DETAIL D**VARIOUS LOCATIONS

	PAVEMENT SCHEDULE
B1	PROP. OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
V2	MILLING ASPHALT PAVEMENT, 2" DEPTH
V3	INCIDENTAL MILLING
Z1	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)





TIP NO.	SHEET NO.	TOTAL NO.
I-5809	9	
1-5809		

### SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION T	YP L/	ANES L	ANE	FINAL	WARM MIX	LENGTH	WIDTH	MILLING	INCIDENTAL	ASPHALT	ASPHALT	POLYMER	OPEN-GRADED	PATCHING	MILLED	FINE MILLING	REMOVE AND	GUARDRAIL	GUARDRAIL	GUARDRAIL	IMPACT	GUARDRAIL	GUARDRAIL	REMOVE AND
						1	TYPE S	URFACE	ASPHALT			ASPHALT	MILLING	CONC SURFACE	BINDER FOR	MODIFIED	ASPHALT	EXISTING	RUMBLE	(5/8")	REPLACE	ANCHOR UNIT,	ANCHOR	ANCHOR UNITS,	ATTENUATOR	ANCHOR UNITS,	ANCHOR UNITS,	RESET EXISTING
								FSTING	REQUIRED			PAVEMENT.		COURSE, TYPE		ASPHALT	FRICTION	PAVEMENT	STRIPS	,	CONCRETE	TYPE BURIED IN	UNITS, TYPE	TYPE 350	UNIT, TYPE 350	TYPE B-77	TYPE B-83	GUARDRAIL
								EQUIRED				2" DEPTH		\$9.5C		BINDER FOR	COURSE, TYPE	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(ASPHALT		APRON	CUT	CAT-1		0, 2 330		2500	00/111211111
								LQUINLD				2 DEFIII		39.30		_			•		AFRON	COI	CAI-I					
																PLANT MIX	FC-1 MODIFIED		CONCRETE)									
NO		NO		1	NO					MI	FT	SY	SY	TON	TON	TON	TON	TON	LF	SY	EA	EA	EA	EA	EA	EA	EA	LF
				FROM BRIDGE NO. 138 AT EXIT 86																								
		1	I-40 EBL	TO EAST OF EXIT 90	3,4	2	MD	NO	NO	4.03	32 - 44	18,914	1,090	2,170	128	191	3,124	346	42,557			8	8			4	9	35,176
	l			FROM EAST OF EXIT 90																								
		2 1	I-40 WBL	TO BRIDGE NO. 143	3,4	2	MD	NO	NO	4.03	32 - 44	18,914	960	2,170	128	191	3,124	304	42,557		3	10	10	2		4	9	9,240
				FROM EAST OF EXIT 90																								
1 5000	A 4 - D II	3	I-40 EBL	TO BRIDGE NO. 163	5,6	2	MD	NO	NO	2.4	32 - 44	11,264		1,290	76	113	1,859	210	25,344	35,200		3	5	3	2		8	21,000
I-5809	McDowell			FROM BRIDGE NO. 165																								
		4 1	I-40 WBL	TO EAST OF EXIT 90	5,6	2	MD	NO	NO	2.4	32 - 44	11,264		1,290	76	113	1,859	184	25,344	35,200	2	1	7	4			7	9,055
	l			FROM BRIDGE NO. 136																								
		5	I-40 EBL	TO BRIDGE NO. 138	1,2	2	MD	NO	NO	0.14	38 - 50					7	120	12	1,480	3,720		1					2	395
	l i			FROM BRIDGE NO. 143															,	,								
		6 1	I-40 WBL	TO BRIDGE NO. 137	1.2	2	MD	NO	NO	0.14	38 - 50					7	120	10	1.480	3.800		1					2	1,170
TOTA	L FOR TIP NO				-/-					13.14		60.356	2.050	6.920	408	622	10.206	1.066	138.762	77.920	5	24	30	9	2	8	37	76,036
1012		J J00					l.		<u> </u>	20:17		55,550	2,330	5,520	.50		20,200	2,000	255,762	,520					<u> </u>	<b>J</b>		,,,,,
	GRAND TOT	ΤΔΙ							1	13.14		60,356	2.050	6.920	408	622	10.206	1.066	138.762	77.920	5	24	30	9	2	8	37	76,036
	GIVEIAND IOI	IAL								13.14		00,330	2,030	0,320	400	UZZ	10,200	1,000	130,762	11,520	, ,	24	30	9		o o	3/	70,030

### THERMOPLASTIC AND PAINT QUANTITIES

							4400000000-E	4405000000-E	4410000000-E	4415000000-N	4420000000-N	4430000000-N	4445000000-E	4480000000-N	4510000000-N	4600000000-1	4725000000-E	4810000000-E	4845000000-N	4855000000-E	48471	0000-E	4847120000-E	4905000000-N
PROJECT	COUNTY	MAP ROUTE	DESCRIPTION	TYP LANES LANE	LENGTH	WIDTH	WORK ZONE	WORK ZONE	WORK ZONE	FLASHING	PORTABLE	DRUMS	BARRICADES	TMA	LAW	WORK ZONE	THERMOPLAS	PAINT	PAINT PAVEMENT	REMOVAL OF	POLYUREA	POLYUREA	POLYUREA	SNOWPLOWABLE
				TYPE			SIGNS	SIGNS	SIGN	ARROW	CHANGEABLE		(TYPE III)		ENFORCEMENT	DIGITAL	TIC	PAVEMENT	MARKING	PAVEMENT	PAVEMENT	PAVEMENT	PAVEMENT	PAVEMENT
							(STATIONARY)	(PORTABLE)	(BARRICADE	BOARD	MESSAGE SIGN					SPEED LIMIT	PAVEMENT	MARKING	SYMBOL	MARKING	MARKING LINES	MARKING LINES	MARKING LINES	MARKERS
									MOUNTED)							SIGNS	MARKING	LINES (4")		LINES (6")	(6") YELLOW	(6") WHITE	(12") WHITE	
																	SYMBOL				(HIGHLY	(HIGHLY	(HIGHLY	
																	(90 MILS)				REFLECTIVE	REFLECTIVE	REFLECTIVE	
																	MERGE				ELEMENTS)	ELEMENTS)	ELEMENTS)	
																	ARROW							
NO		NO		NO			SF	SF	SF	EA	EA	EA	LF	EA	HR	EA	EA	LF	EA	EA	LF	LF	LF	EA
			FROM BRIDGE NO. 138 AT EXIT 86																					
		1 I-40 EBL	TO EAST OF EXIT 90	3,4 2 MD	4.03	32 - 44											3	48,190	3	1,680	21,278	26,912	1,250	328
			FROM EAST OF EXIT 90																					
		2 I-40 WBL	TO BRIDGE NO. 143	3,4 2 MD	4.03	32 - 44											3	48,064	3	1,625	21,278	26,786	1,540	343
			FROM EAST OF EXIT 90									260												
1-5809	McDowell	3 I-40 EBL	TO BRIDGE NO. 163	5,6 2 MD	2.4	32 - 44			16	2	3		64				3	28,799	3	1,047	12,672	16,127	510	185
			FROM BRIDGE NO. 165				350	224						2 275	275	4								
		4 I-40 WBL	TO EAST OF EXIT 90	5,6 2 MD	2.4	32 - 44										1		28,622		1,137	12,672	15,950	690	194
			FROM BRIDGE NO. 136																					
		5 I-40 EBL	TO BRIDGE NO. 138	1,2 2 MD	0.14	38 - 50												1,795			740	1,055		17
			FROM BRIDGE NO. 143															4.000			=40	4 000		40
		6 I-40 WBL	TO BRIDGE NO. 137	1,2 2 MD		38 - 50											3	1,828	3		740	1,088		19
TO.	TOTAL FOR TIP NO. 1-5809				13.14												12	157,298	12	5,489	69,380	87,918	3,990	1,086
				1 1 1													1				157	,298		
					42.44	1	350	224	1 45 1			200			275		42	457.200	42	F 400	50 200	07.040	2 000	4.005
	GRAND TO	TAL		<del>                                     </del>	13.14		350	224	16	2	3	260	64	2	275	4	12	157,298	12	5,489	69,380	87,918	3,990	1,086
1				1 1 1	1								ĺ		1	1		ĺ			157	,298	ĺ	