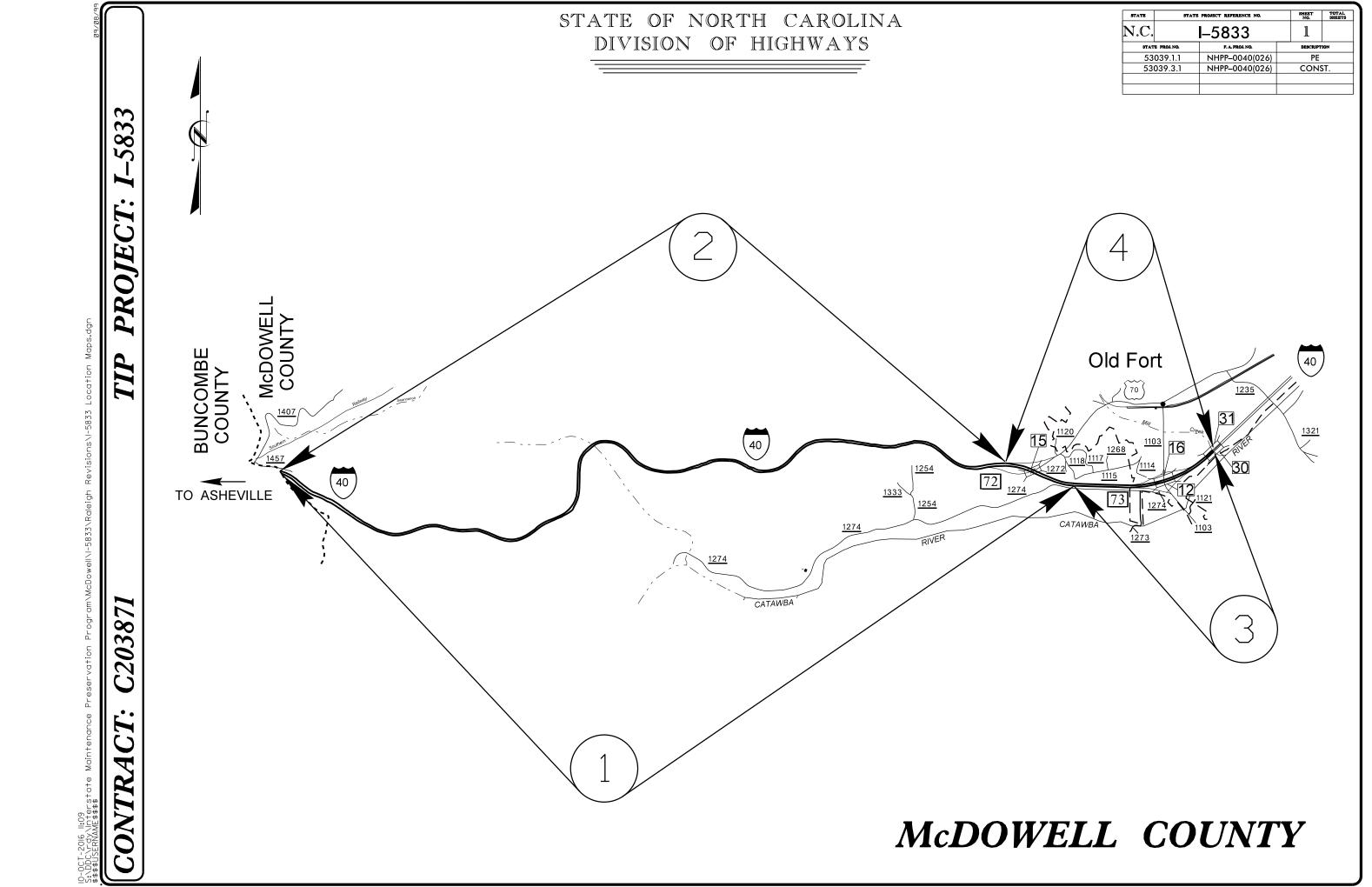
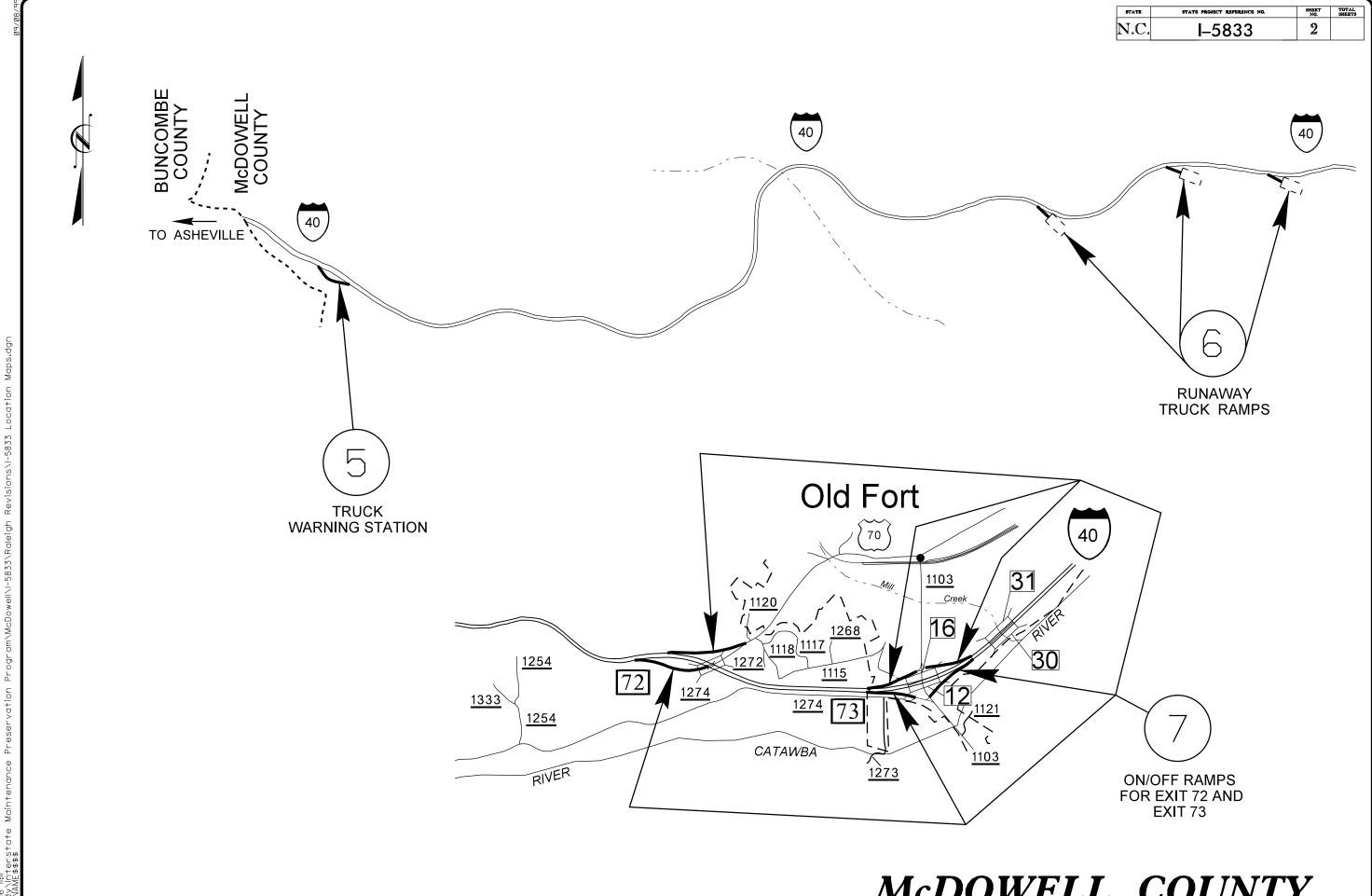
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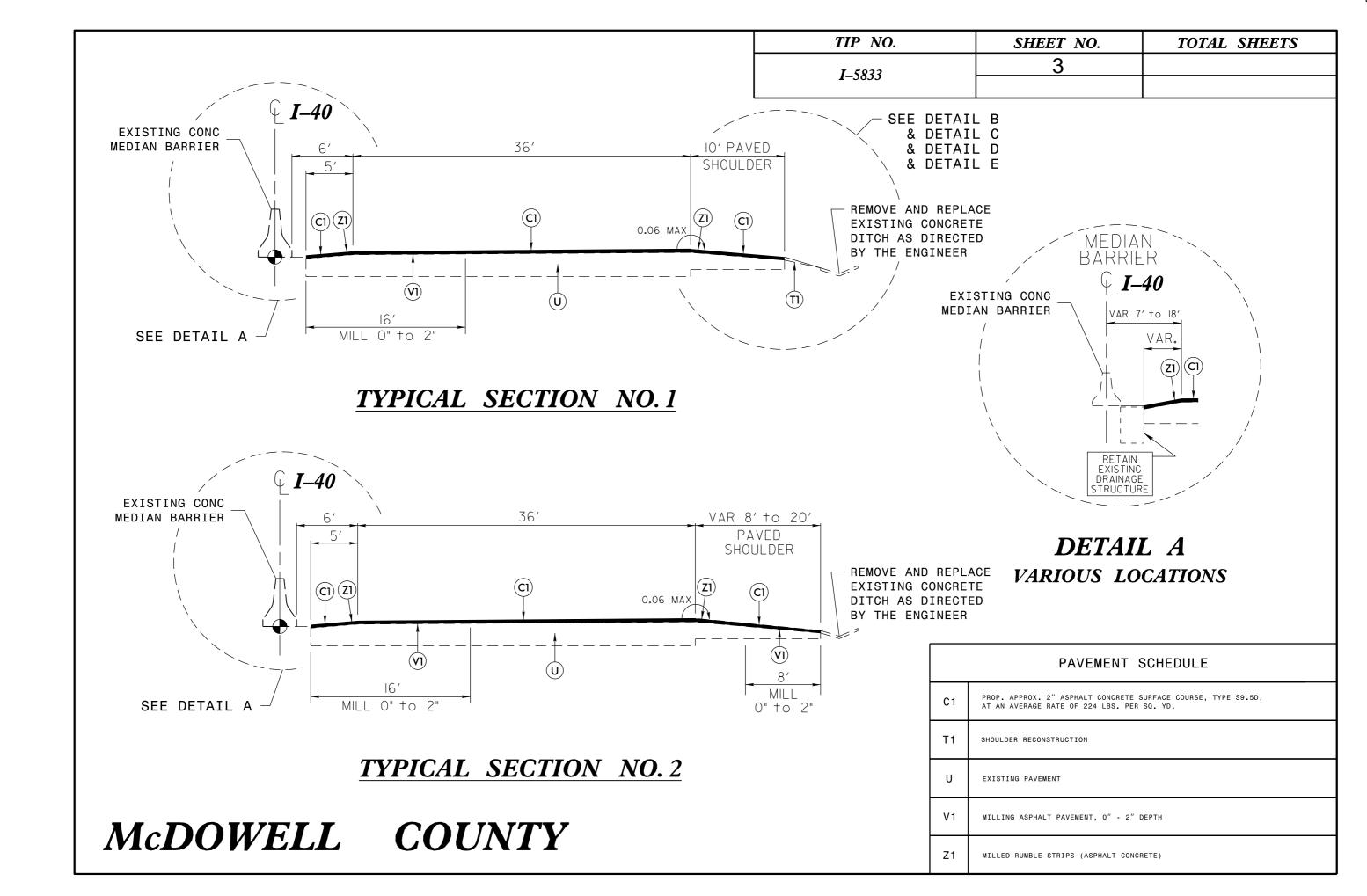
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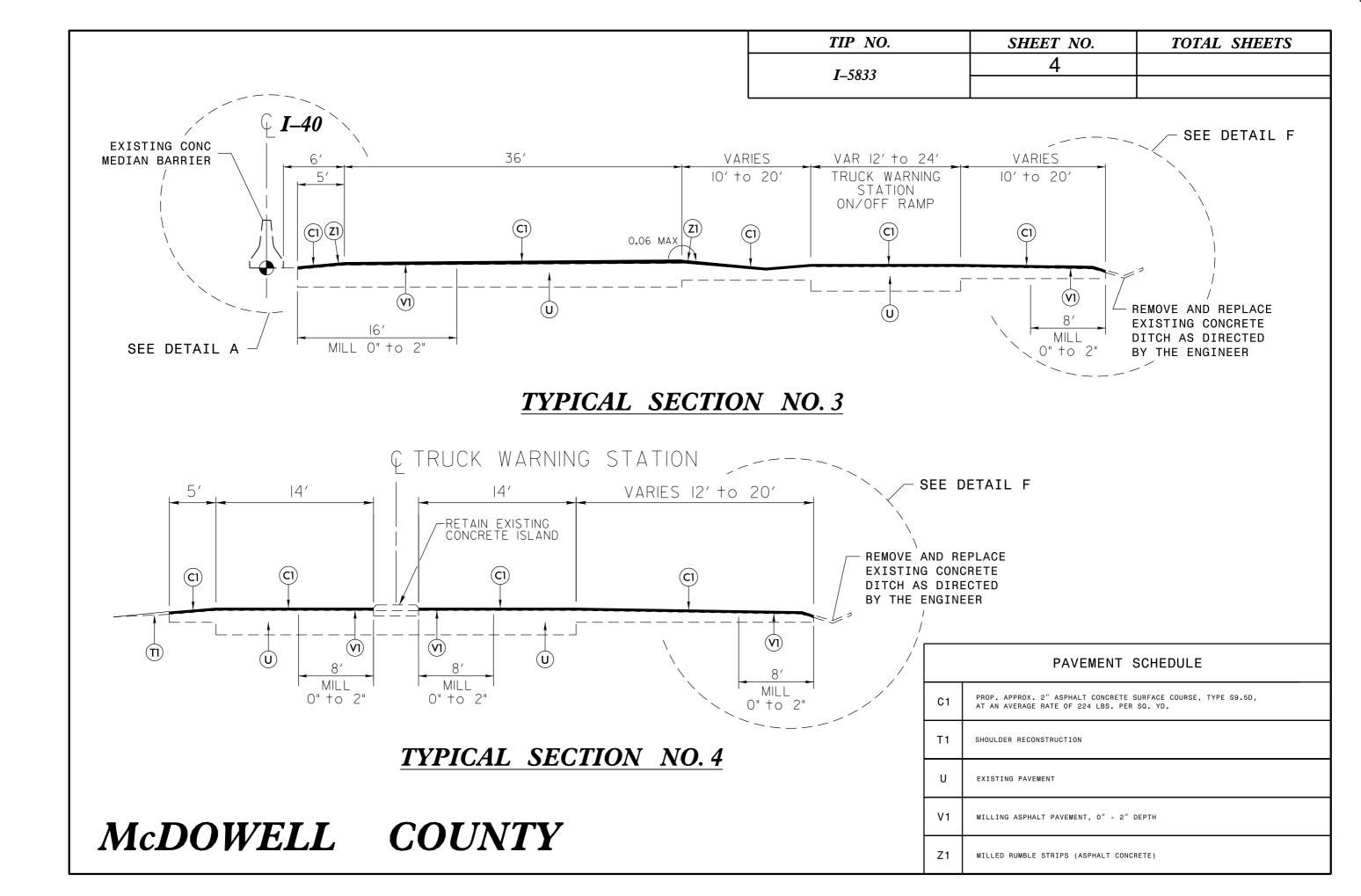
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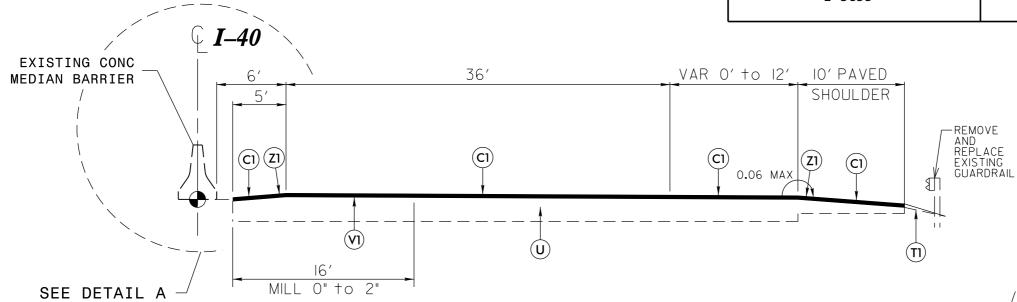


McDOWELL COUNTY

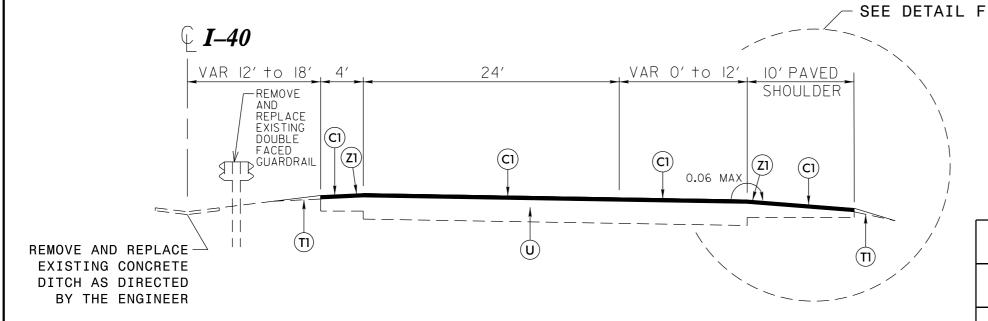




F	TIP NO.	SHEET NO.	TOTAL SHEETS
	<i>I</i> –5833	5	
	1–3833		

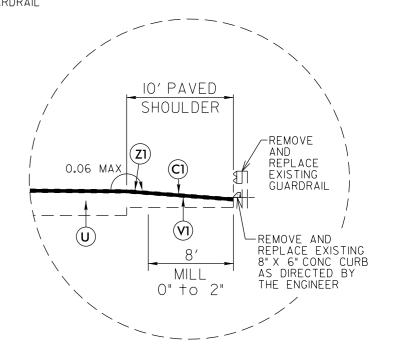


TYPICAL SECTION NO. 5



TYPICAL SECTION NO. 6

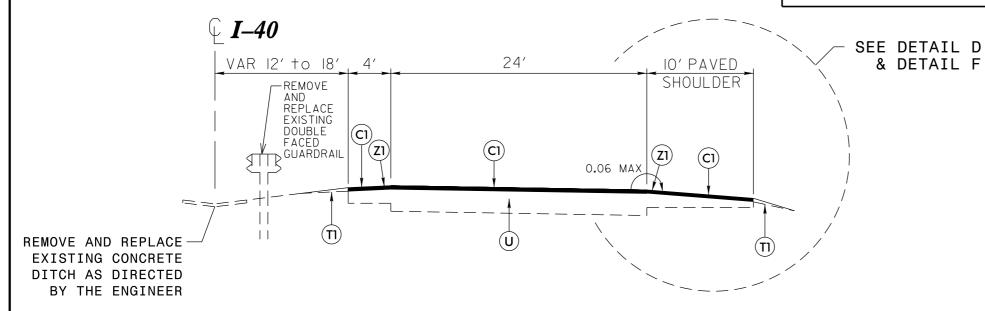
McDOWELL COUNTY



DETAIL BVARIOUS LOCATIONS

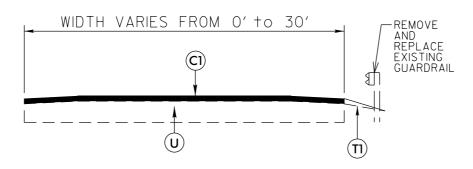
	PAVEMENT SCHEDULE									
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.									
T1	SHOULDER RECONSTRUCTION									
U	EXISTING PAVEMENT									
V1	MILLING ASPHALT PAVEMENT, 0" - 2" DEPTH									
Z1	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)									

TIP NO.	SHEET NO.	TOTAL SHEETS
I-5833	6	
1–3633		



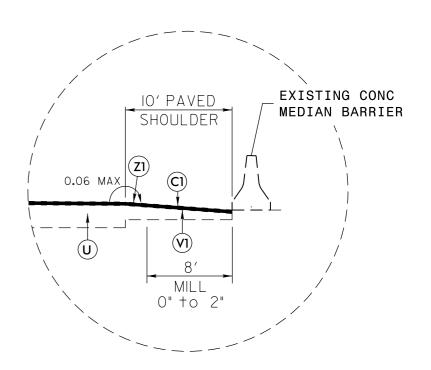
TYPICAL SECTION NO. 7

RUNAWAY TRUCK RAMPS



TYPICAL SECTION NO. 8

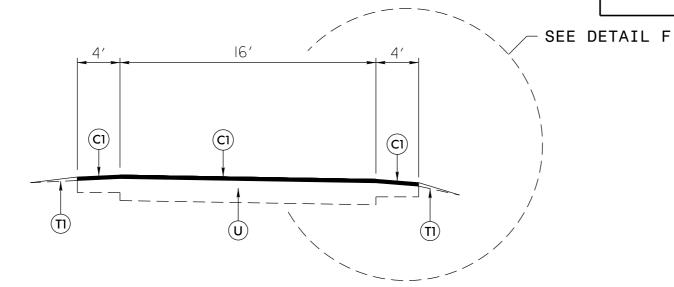
McDOWELL COUNTY



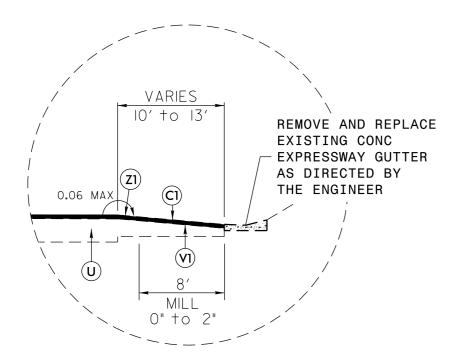
DETAIL CVARIOUS LOCATIONS

	PAVEMENT SCHEDULE
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLING ASPHALT PAVEMENT, 0" - 2" DEPTH
Z1	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)

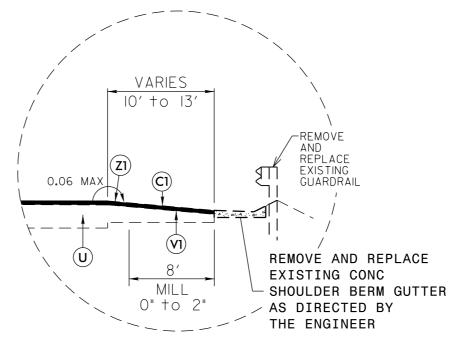
TIP NO.	SHEET NO.	TOTAL SHEETS
<i>I</i> –5833	7	
1-3633		



TYPICAL SECTION NO. 9

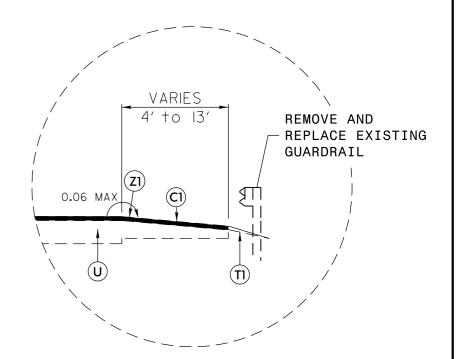


DETAIL DVARIOUS LOCATIONS



DETAIL EVARIOUS LOCATIONS

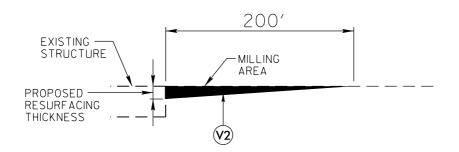
McDOWELL COUNTY



DETAIL FVARIOUS LOCATIONS

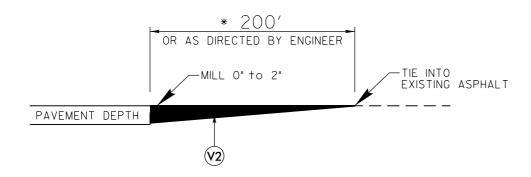
	PAVEMENT SCHEDULE									
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.									
T1	SHOULDER RECONSTRUCTION									
U	EXISTING PAVEMENT									
V1	MILLING ASPHALT PAVEMENT, 0" - 2" DEPTH									
Z1	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)									

TIP NO.	SHEET NO.	TOTAL SHEETS
I-5833	8	
1-3833		



MILLING DETAIL AT BRIDGE APPROACHES

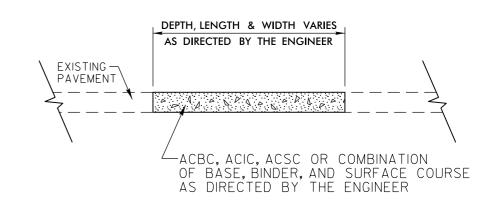
WHERE BRIDGES WILL NOT BE RESURFACED.
THIS WILL BE PAID FOR AS INCIDENTAL MILLING.
USE AT BRIDGE NUMBERS 12, 15, 16, 30, and 31.



DETAIL TO TIE INTO EXIST PAVEMENT

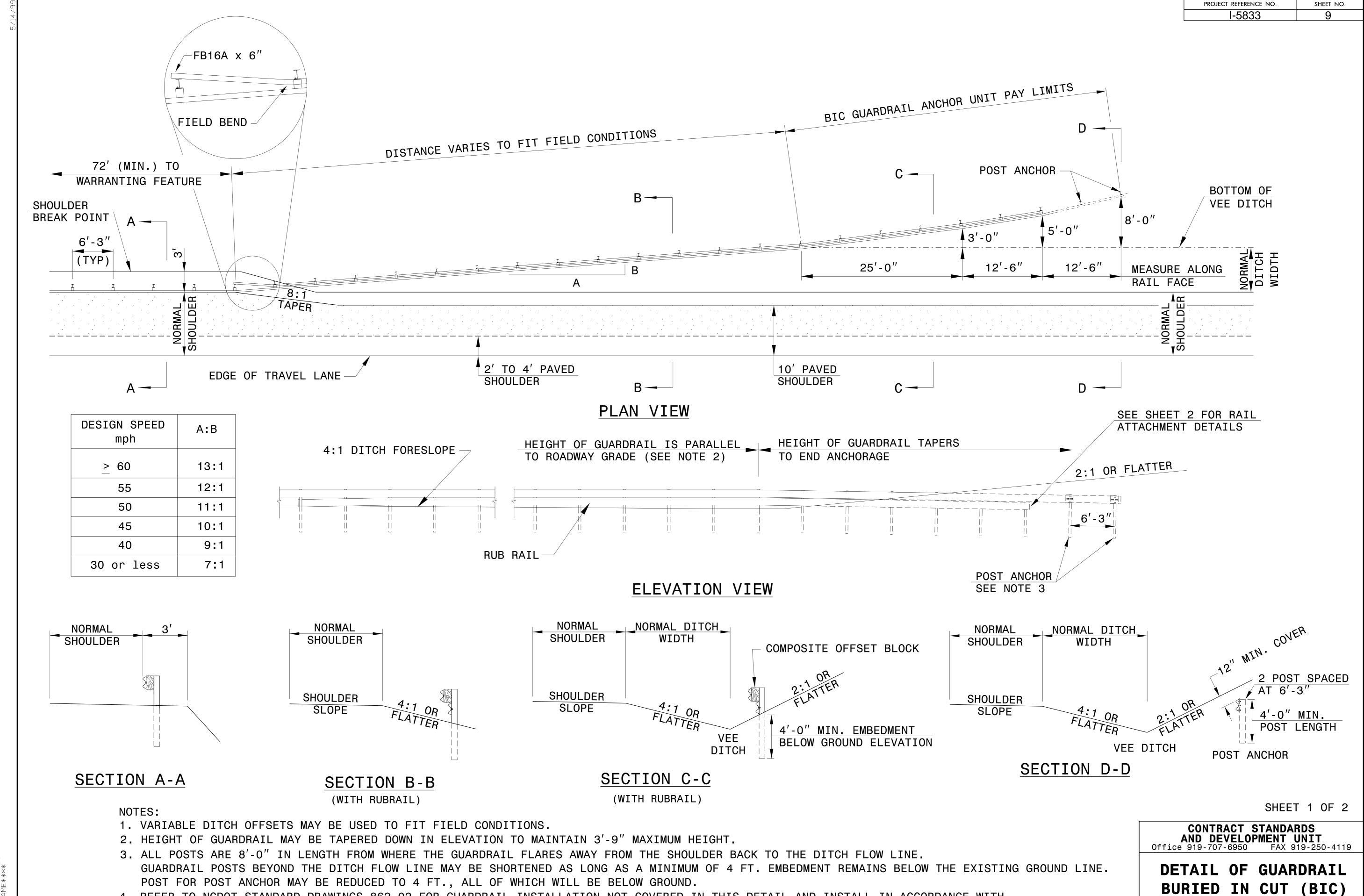
THE CONTRACTOR'S ATTENTION IS DIRECTED TO
THE FACT THAT HE WILL BE REQUIRED TO MILL
THE EXISTING ASPHALT PAVEMENT TO ENSURE A PROPER
TIE-IN WITH THE EXISTING SURFACE AT THE BEGINNING, END,
AND Y LINES OF EACH MAP TO BE RESURFACED WITH
ASPHALT CONC SURFACE COURSE, TYPE S9.5D.
THIS WILL BE PAID FOR AS INCIDENTAL MILLING.
* USE 100 FT FOR ON/OFF RAMPS

McDOWELL COUNTY



DETAIL FOR PATCHING EXISTING PAVEMENT

PAVEMENT SCHEDULE



ORIGINAL BY: FHWA-G4 SYSTEM DATE: 8-13-98 MODIFIED BY: E.E. WARD DATE: 12-7-01

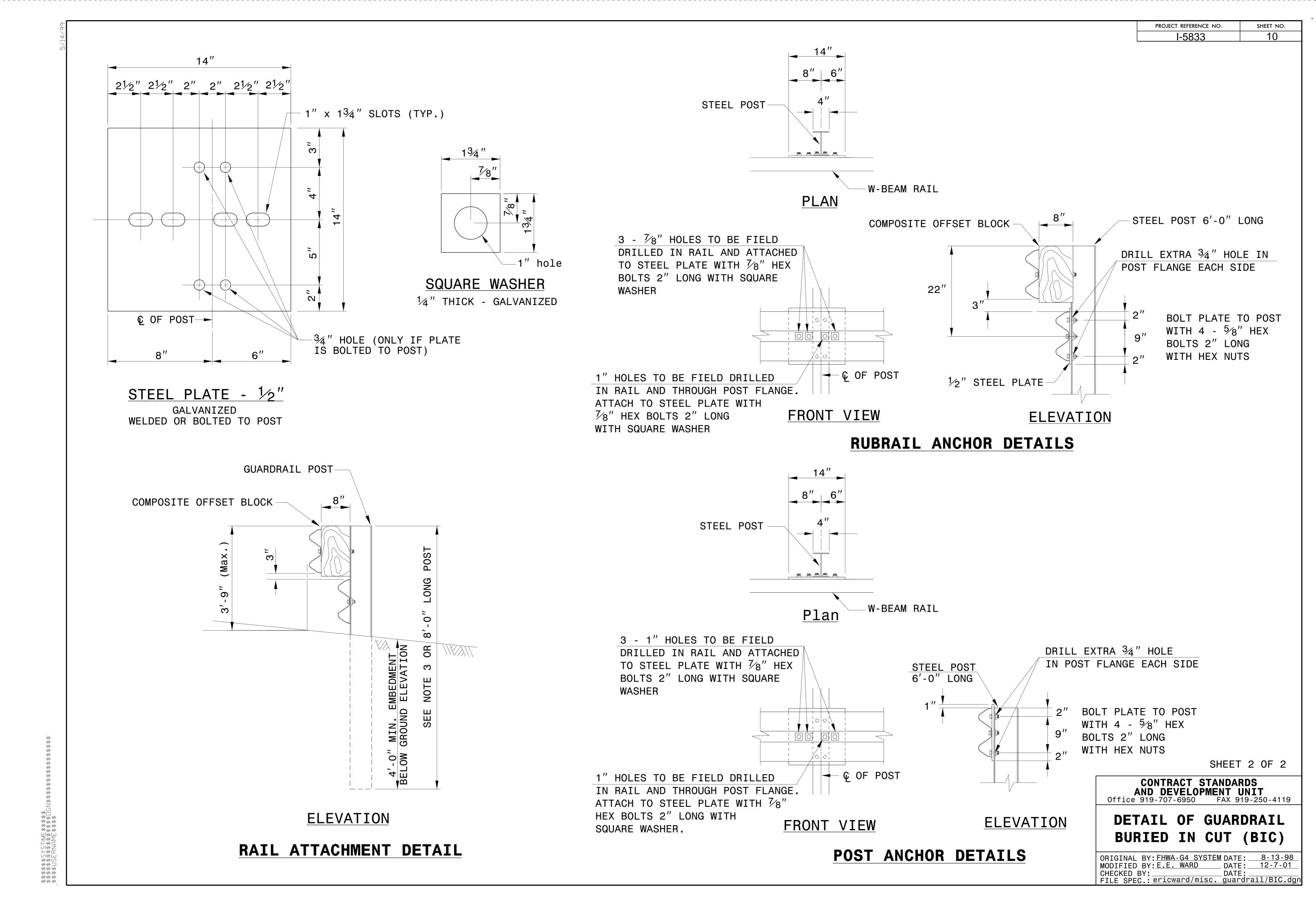
FILE SPEC.: ericward/misc. guardrail/BIC.dgr

CHECKED BY:

4. REFER TO NCDOT STANDARD DRAWINGS 862.02 FOR GUARDRAIL INSTALLATION NOT COVERED IN THIS DETAIL AND INSTALL IN ACCORDANCE WITH

5. PAYMENT FOR ANY RUBRAIL INSTALLATION BEYOND BIC GUARDRAIL ANCHOR UNIT PAY LIMIITS WILL BE INCIDENTAL TO PAYMENT FOR BIC ANCHOR UNIT.

SECTION 862 OF THE STANDARDS SPECIFICATIONS.



TIP NO.	SHEET NO.	TOTAL NO.
I-5833	11	
1-2033		

SUMMARY OF QUANTITIES

TIP CO	UNTY M	AP ROUTE	DESCRIPTION	TYP LANES LA	PE SU	URFACE	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	SHOULDER RECONSTRUCTION	MILLING ASPHALT PAVEMENT, 0" TO 2" DEPTH	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	REMOVE AND REPLACE 8"X 6" CONCRETE CURB	REMOVE AND REPLACE SHOULDER BERM GUTTER	REPLACE	REPLACE 4" CONCRETE	ADJUSTMENT OF DROP INLET	IMPACT ATTENUATOR UNIT, TYPE 350	ADDITIONAL GUARDRAIL POSTS	GUARDRAIL ANCHOR UNIT, TYPE BURIED IN CUT	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	GUARDRAIL ANCHOR UNITS, TYPE 350	ANCHOR	GUARDRAIL ANCHOR UNITS, TYPE B-83	REMOVE AND REPLACE EXISTING GUARDRAIL	PORTABLE LIGHTING	INDUCTIVE LOOP SAWCUT
NO	N	О		NO				МІ	FT	SMI	SY	SY	TON	TON	TON	LF	LF	LF	LF	SY	EA	EA	EA	EA	EA	EA	EA	EA	LF	LS	LF
			BUNCOMBE/MCDOWELL CO. LINE TO																												
	1	l I-40 EBL	END OF TRUCK LANE	1,2,5 3 N	ID	NO	NO	5.27	51	4.34	53,500	1,140	18,098	1,032	1,347	55,652	3,000			800			50	5	11	6	7	4	16,475		
			BEGINNING OF TRUCK LANE TO																												
	2	2 I-40 WBL	BUNCOMBE/MCDOWELL CO. LINE	1,2,5 3 N	ID	NO	NO	4.7	51	1.70	57,495	1,140	16,400	935	980	49,632		750	1,150	567	8	6	20	9	9		3	4	5,200	*	
			END OF TRUCK LANE TO																												
	- 3 - 3	3 I-40 EBL	BRIDGE NO. 30	6,7 2 N	ID	NO	NO	0.67	38 - 50	1.34		2,670	1,680	96		7,076													4,150		
1-5833	φ 0 4	1 I-40 WBL	BRIDGE NO. 31 TO BEGINNING OF TRUCK LANE	6,7 2 N	ID	NO	NO	1.22	38 - 50	2.44	1,030	2,670	3,110	177		12,884													3,075		
	2	5 I-40 EBL	TRUCK PULL-OFF	3,4 2 N	ID	NO	NO	0.21	49 - 57		450		678	39																	100
	6	5 I-40 EBL	RUNAWAY TRUCK RAMPS	8 1 N	ID	NO	NO	0.2	30				500	29																	
		I-40 EXIT	ON/OFF RAMPS AT EXIT 72																												
	7	7 RAMPS	AND EXIT 73	9 1 N	ID	NO	NO	1.34	24 - 28	2.68		1,870	2,210	125										2	3	2	2		2,990		
TOTAL F	OR TIP NO	. I-5833						13.61		12.50	112,475	9,490	42,676	2,433	2,327	125,244	3,000	750	1,150	1,367	8	6	70	16	23	8	12	8	31,890	1	100
	AND TOTA					1		13.61		12.50	112.475	9.490	42.676	2.433	2.327	125.244	3.000	750	1.150	1.367			70	16	23		12		31.890	1	100
GI	AND IOIA	4L						10.01		12.50	112,4/5	9,490	42,676	2,433	2,527	125,244	5,000	750	1,150	1,36/	8	ь	/0	16	23	8	12	- 6	31,890	1	100

THERMOPLASTIC AND PAINT QUANTITIES

										4710000000-E	4725000000-E	484710	10000-E	4847120000-E	4905000000-N
TIP	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES		LENGTH	WIDTH	THERMOPLASTIC	THERMOPLASTIC	POLYUREA	POLYUREA	POLYUREA	SNOWPLOWABLE
							TYPE			PAVEMENT	PAVEMENT	PAVEMENT	PAVEMENT	PAVEMENT	PAVEMENT
										MARKING LINES	MARKING	MARKING LINES	MARKING LINES	MARKING LINES	MARKERS
										(24", 120 MILS)	SYMBOL	(6") YELLOW	(6") WHITE	(12") WHITE	
										WHITE	(90 MILS)	(HIGHLY	(HIGHLY	(HIGHLY	
											MERGE ARROW	REFLECTIVE	REFLECTIVE	REFLECTIVE	
												ELEMENTS)	ELEMENTS)	ELEMENTS)	
NO		NO			NO					LF	EA	LF	LF	LF	EA
				BUNCOMBE/MCDOWELL CO. LINE TO											
		1	I-40 EBL	END OF TRUCK LANE	1,2,5	3	MD	5.27	51		6	27,826	41,962	1,600	4,214
				BEGINNING OF TRUCK LANE TO											
		2	I-40 WBL	BUNCOMBE/MCDOWELL CO. LINE	1,2,5	3	MD	4.7	51		4	24,816	37,224		3,722
				END OF TRUCK LANE TO											
_	=	3	I-40 EBL	BRIDGE NO. 30	6,7	2	MD	0.67	38 - 50			3,538	4,663	1,264	474
1-5833	o o			BRIDGE NO. 31 TO											
	McDowell	4	I-40 WBL	BEGINNING OF TRUCK LANE	6,7	2	MD	1.22	38 - 50			6,442	8,296	1,852	655
	2														
		5	I-40 EBL	TRUCK PULL-OFF	3,4	2	MD	0.21	49 - 57	28		400	1,120		
		6	I-40 EBL	RUNAWAY TRUCK RAMPS	8	1	MD	0.2	30					600	
			I-40 EXIT	ON/OFF RAMPS AT EXIT 72											
ļ		7	RAMPS	AND EXIT 73	9	1	MD	1.34	24 - 28		6	4,100	8,010		
TOT	TAL FOR TIP	NO. I-	5833					13.61		28	16	67,122	101,275	5,316	9,065
						1						168,	,397		
									,	,					
l	GRAND TOTAL							13.61		28	16	67,122	101,275	5,316	9,065
					1	1			l	1	1	168.397		1	1