



SUMMARY OF DRAINAGE STRUCTURE EROSION CONTROL

DRAINAGE STRUCTURE		DISTURBED AREA STATION		DESCRIPTION OF DISTURBED AREA	DISTURBED AREA (AC)	DESCRIPTION OF DISTURBED AREA	ODOT STANDARDS
NO.	STATION	BEGIN	END				
2	585+20	580+00	585+20	E/W EDGE OF PAVEMENT TO TOE OF SLOPE/TOP OF CUT	1.92	SILT FENCE, SILT DIKE	TSC2-3-2, TSD-2-0
2	585+20	585+20	590+00	E/W EDGE OF PAVEMENT TO TOE OF SLOPE/TOP OF CUT	2.18	SILT FENCE, SILT DIKE, RIP RAP	TSC2-3-2, TSD-2-0
A	596+10	590+00	595+00	E/W EDGE OF PAVEMENT TO TOE OF SLOPE/TOP OF CUT	2.32	SILT FENCE, SILT DIKE, RIP RAP	TSC2-3-2, TSD-2-0
	SHEET FLOW	597+53	603+62	E/W EDGE OF PAVEMENT TO TOE OF SLOPE/TOP OF CUT	3.30	SILT FENCE, SILT DIKE, RIP RAP	TSC2-3-2, TSD-2-0
	SHEET FLOW	608+24	622+02	WEST EDGE OF PAVEMENT TO TOE OF SLOPE/TOP OF CUT	3.06	SILT FENCE, SILT DIKE, RIP RAP	TSC2-3-2, TSD-2-0
	SHEET FLOW	608+24	622+02	EAST EDGE OF PAVEMENT TO TOE OF SLOPE/TOP OF CUT	4.04	SILT FENCE, SILT DIKE, RIP RAP	TSC2-3-2, TSD-2-0
	SHEET FLOW	624+98	631+25	WEST EDGE OF PAVEMENT TO TOE OF SLOPE/TOP OF CUT	1.33	SILT FENCE, SILT DIKE, RIP RAP	TSC2-3-2, TSD-2-0
	SHEET FLOW	624+98	630+25	EAST EDGE OF PAVEMENT TO TOE OF SLOPE/TOP OF CUT	1.13	SILT FENCE, SILT DIKE, RIP RAP	TSC2-3-2, TSD-2-0
	SHEET FLOW	631+25	643+00	E/W EDGE OF PAVEMENT TO TOE OF SLOPE/TOP OF CUT	3.72	SILT FENCE, SILT DIKE	TSC2-3-2, TSD-2-0
TOTAL DISTURBED AREA					23.00		

STR NO	DESIGN YEAR	CL STATION	STRUCTURE SIZE	DESCRIPTION	STRUCTURE				DRAINAGE BASIN												
					LENGTH	UPPER FL	LOWER FL	SLOPE	"C" VALUE	"C'" VALUE	LENGTH	UPPER EL	LOWER EL	SLOPE %	AREA (SQ. MI.)	TC (MIN)	INT. "1/10"	INT. "1/100"	Q ₁₀₀ =C I ₁₀ A	Q ₁₀₀ =Q ₁₀ +C'(I ₁₀₀ -I ₁₀)A	
3	100	585+20.00	110'	8' X 6' RCB	110'	947.46	946.79	0.60	0.45	0.80					5.6	86.6 ACRES	48	2.95	4.20	114.96	201.56
A		596+10.00	225.5'	BRIDGE A	225.50'										617.00					4578.14	17482.60
B		605+93.00	401.67'	BRIDGE B	401.67'										617.00					15366.43	38922.51
C		623+50.00	213.70'	BRIDGE C	213.70'										617.00					5455.43	15341.89

* "C" VALUE AREA 0.80 IS WEIGHTED.
 * "K" USED IS 0.90
 * INTENSITIES BASED ON "ZONE III" IDF CURVES.

Design	
Drawn	
Checked	
Approved	
Squad	GUERNEY

DRAINAGE DESIGN RECORD