SUMMARY OF QUANTITIES

	PAY ITEM	ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE: X028-2A SN 084-0811	1000 5' X 3' BOX
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	32	32	
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	24	24	
	20100500	TREE REMOVAL, ACRES	ACRE	0.2		0.2
	20200100	EARTH EXCAVATION	CU YD	28	15	13
	20300100	CHANNEL EXCAVATION	CU YD	549	514	35
	20400800	FURNISHED EXCAVATION	CU YD	437	363	74
	20800150	TRENCH BACKFILL	CU YD	325	95	230
▪	25000900	SEEDING, CLASS 1 (SPECIAL)	ACRE	0.9	0.7	0.2
	28000400	PERIMETER EROSION BARRIER	FOOT	345	215	130
	28100107	STONE RIPRAP, CLASS A4	SQ YD	953	900	53
	28200200	FILTER FABRIC	SQ YD	953	900	53
▪	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	328	164	164
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	150	70	80
▪	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
	50102400	CONCRETE REMOVAL	CU YD	27.5	27.5	
	50200100	STRUCTURE EXCAVATION	CU YD	1,180	900	280
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	58,970	58,970	
	51500100	NAME PLATES	EACH	1	1	
	54001000	BOX CULVERT END SECTIONS	EACH	2		2
	54002020	EXPANSION BOLTS, 3/4"	EACH	104	104	
	54003000	CONCRETE BOX CULVERTS	CU YD	353.0	353.0	
	54010503	PRECAST CONCRETE BOX CULVERTS 5' X 3'	FOOT	90		90
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1	
Δ	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	2		2
	63200310	GUARDRAIL REMOVAL	FOOT	262.5	262.5	
Δ	63301210	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	37.5	37.5	
	67100100	MOBILIZATION	L SUM	1	0.5	0.5
▪	70103700	TRAFFIC CONTROL COMPLETE	L SUM	1	0.5	0.5
Δ	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2		2
▪	X0320598	TEMPORARY STEEL SHEET PILING (TO REMAIN IN PLACE)	SQ FT	1,088		1,088
▪	X0323265	REMOVE EXISTING RIPRAP	SQ YD	470	470	

▪ SPECIAL PROVISION
Δ SPECIALTY ITEMS

GENERAL NOTES

1. WHEN SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
2. ALL PLAN ELEVATIONS REPRESENT USGS DATUM.
3. SEE SPECIAL PROVISIONS FOR SEEDING RATES.
4. THE FOLLOWING APPLICATIONS RATES WERE USED IN THE DEVELOPMENT OF PLAN QUANTITIES:

COARSE AGGREGATE	2.05 TON / CU YD
STONE RIPRAP, CLASS A4	1.5 TON / CU YD

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
ITEM	AGGREGATE COMPOSITION	ASPHALT GRADE	VOIDS
CLASS "D" PATCHES	IL - 19.0	PG 64-22	4.0% @ N50 DESIGN