

STAGE 1		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	FOR INFORMATION ONLY		FURNISHED EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"
LOCATION		EARTH EXCAVATION		EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	SQ YD
769+00	769+50	0	0	0	0	0	111.11
769+50	770+00	15.00	1.5	11.48	5.00	6.48	197.22
770+00	770+50	40.00	4	30.60	10.00	20.60	186.11
770+50	771+00	65.00	6.5	49.73	10.00	39.73	194.44
771+00	771+50	75.00	7.5	57.38	10.00	47.38	200.00
771+50	772+00	75.00	7.5	57.38	10.00	47.38	200.00
772+00	772+50	40.00	4	30.60	10.00	20.60	94.44
773+50	774+00	20.00	2	15.30	75.00	-59.70	147.22
774+00	774+50	35.00	3.5	26.78	140.00	-113.23	302.78
774+50	775+00	35.00	3.5	26.78	160.00	-133.23	327.78
775+00	775+50	40.00	4	30.60	195.00	-164.40	355.56
775+50	776+00	40.00	4	30.60	210.00	-179.40	363.89
776+00	776+50	40.00	4	30.60	175.00	-144.40	363.89
776+50	777+00	45.00	4.5	34.43	195.00	-160.58	369.44
777+00	777+50	40.00	4	30.60	220.00	-189.40	361.11
777+50	778+00	35.00	3.5	26.78	240.00	-213.23	352.78
778+00	778+50	20.00	2	15.30	145.00	-129.70	177.78
STAGE 1 TOTAL		660.00	66.00	504.90	1810.00	-1310.00	4310.00

NOTE: SHRINKAGE FACTOR USED 0.15

STAGE 2		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	FOR INFORMATION ONLY		FURNISHED EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"
LOCATION		EARTH EXCAVATION		EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	SQ YD
770+00	770+50	25.00	2.50	19.13	10.00	9.13	55.56
770+50	771+00	30.00	3.00	22.95	15.00	7.95	180.56
771+00	771+50	25.00	2.50	19.13	60.00	-40.88	263.89
771+50	772+00	30.00	3.00	22.95	120.00	-97.05	272.22
772+00	772+50	15.00	1.50	11.48	75.00	-63.53	133.33
773+00	773+50	0.00	0.00	0.00	0.00	0.00	144.44
773+50	774+00	45.00	4.50	34.43	230.00	-195.58	277.78
774+00	774+50	35.00	3.50	26.78	215.00	-188.23	266.67
774+50	775+00	35.00	3.50	26.78	215.00	-188.23	266.67
775+00	775+50	40.00	4.00	30.60	235.00	-204.40	280.56
775+50	776+00	40.00	4.00	30.60	245.00	-214.40	319.44
776+00	776+50	40.00	4.00	30.60	205.00	-174.40	344.44
776+50	777+00	40.00	4.00	30.60	210.00	-179.40	358.33
777+00	777+50	40.00	4.00	30.60	185.00	-154.40	363.89
777+50	778+00	40.00	4.00	30.60	185.00	-154.40	308.33
778+00	778+50	35.00	3.50	26.78	165.00	-138.23	247.22
778+50	779+00	0.00	0.00	0.00	0.00	0.00	116.67
STAGE 2 TOTAL		515.00	51.50	393.98	2370.00	-1980.00	4200.00

NOTE: SHRINKAGE FACTOR USED 0.15

STAGE 1 SUB-TOTAL	660.00	66.00				-1310.00	4310.00
STAGE 2 SUB-TOTAL	515.00	51.50				-1980.00	4200.00
EARTHWORK TOTAL	1175.00	120.00				-3290.00	8510.00

LOCATION		TEMPORARY BRIDGE TRAFFIC SIGNALS (EACH)	TEMPORARY CONCRETE BARRIER (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)	CHANGEABLE MESSAGE SIGN (CAL MO)	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3 (EACH)	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3 (EACH)
769+55	778+60	1			0.5		
770+95	774+70		375	375			
770+95						1	1
774+70						1	1
TOTAL		1	375	375	0.5	2	2

LOCATION		BOX CULVERT END SECTION, CULVERT NO.1	EXPANSION BOLTS 3/4" X 15"	PRECAST CONCRETE BOX CULVERT 3' X 4'	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	CONCRETE COLLAR	PIPE CULVERT, CLASS A, TYPE 1 36"	PIPE CULVERT REMOVAL
		(EACH)	(EACH)	(FOOT)	(EACH)	(CU YD)	(FOOT)	(FOOT)
778+06	RT	1	10	17		0.41		
778+06	LT	1	10	16		0.41		
777+00	LT				1	0.54	14	6
776+67	RT				1	0.54	13	6
TOTAL		2	20	33	2	2	27	12

LOCATION			STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	TRAFFIC BARRIER TERMINAL, TYPE 6	GUARDRAIL REMOVAL	GUARDRAIL AGGREGATE EROSION CONTROL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL MARKERS, TYPE A
STATION	STATION	RT/LT	FOOT	EACH	EACH	FOOT	TON	EACH	EACH
770+58.87	771+08.87	LT		1					
771+08.87	771+71.37	LT	62.5						
771+71.37	772+15.12	LT			1				
770+65.00	772+56.00	LT				191			
770+58.87		LT						1	
770+58.87	772+15.12	LT							3
773+29.00	778+50.00	LT					102		
773+39.27	773+83.02	LT			1				
773+83.02	777+58.02	LT	375.00						
777+58.02	778+08.02	LT		1					
772+97.00	778+00.00	LT				503			
778+08.02		LT						1	
773+39.27	778+08.02	LT							7
770+08.00	772+47.00	LT					38		
769+93.97	770+43.97	RT		1					
770+43.97	771+93.97	RT	150.00						
771+93.97	772+37.72	RT			1				
769+96.00	772+90.00	RT				294		1	
769+93.97		RT							
769+93.97	772+37.72	RT							4
769+41.00	772+47.00	RT					58		
773+61.21	774+04.96	RT			1				
774+04.96	777+42.46	RT	337.5						
777+42.46	777+92.46	RT		1					
773+31.00	777+92.00	RT				461			
777+92.46		RT						1	
773+61.21	777+92.46	RT							6
773+61.00	778+43.00	RT					93		
TOTAL			925	4	4	1449	291	4	20

LOCATION			SEEDING, CLASS 2A		NITROGEN FERTILIZER NUTRIENT		PHOSPHORUS FERTILIZER NUTRIENT		POTASSIUM FERTILIZER NUTRIENT		EROSION CONTROL BLANKET			
STATION	STATION	LT/RT	AVG WIDTH (FOOT)	AVG LENGTH (FOOT)	AREA (SQ FT)	AREA (ACRE)	RATE (LBS/ACRE)	POUND (LBS)	RATE (LBS/ACRE)	POUND (LBS)	RATE (LBS/ACRE)	POUND (LBS)	AREA (SQ FT)	AREA (SQ YD)
769+00	769+50	RT	50	20	1000	0.023	90	2.07	90	2.07	90	2.07	1000	111.11
769+50	770+00	RT	50	35.5	1775	0.041	90	3.67	90	3.67	90	3.67	1775	197.22
770+00	770+50	RT	50	33.5	1675	0.038	90	3.46	90	3.46	90	3.46	1675	186.11
770+50	771+00	RT	50	35	1750	0.040	90	3.62	90	3.62	90	3.62	1750	194.44
771+00	771+50	RT	50	36	1800	0.041	90	3.72	90	3.72	90	3.72	1800	200.00
771+50	772+00	RT	50	36	1800	0.041	90	3.72	90	3.72	90	3.72	1800	200.00
772+00	772+50	RT	50	17	850	0.020	90	1.76	90	1.76	90	1.76	850	94.44
772+50	773+00	RT	50	0	0		90	0.00	90	0.00	90	0.00	0	0.00
773+00	773+50	RT	50	0	0		90	0.00	90	0.00	90	0.00	0	0.00
773+50	774+00	RT	50	26.5	1325	0.030	90	2.74	90	2.74	90	2.74	1325	147.22
774+00	774+50	RT	50	54.5	2725	0.063	90	5.63	90	5.63	90	5.63	2725	302.78
774+50	775+00	RT	50	59	2950	0.068	90	6.10	90	6.10	90	6.10	2950	327.78
775+00	775+50	RT	50	64	3200	0.073	90	6.61	90	6.61	90	6.61	3200	355.56
775+50	776+00	RT	50	65.5	3275	0.075	90	6.77	90	6.77	90	6.77	3275	363.89
776+00	776+50	RT	50	65.5	3275	0.075	90	6.77	90	6.77	90	6.77	3275	363.89
776+50	777+00	RT	50	66.5	3325	0.076	90	6.87	90	6.87	90	6.87	3325	369.44
777+00	777+50	RT	50	65	3250	0.075	90	6.71	90	6.71	90	6.71	3250	361.11
777+50	778+00	RT	50	63.5	3175	0.073	90	6.56	90	6.56	90	6.56	3175	352.78
778+00	778+50	RT	50	32	1600	0.037	90	3.31	90	3.31	90	3.31	1600	177.78
770+00	770+50	LT	50	10	500	0.011	90	1.03	90	1.03	90	1.03	500	55.56
770+50	771+00	LT	50	32.5	1625	0.037	90	3.36	90	3.36	90	3.36	1625	180.56
771+00	771+50	LT	50	47.5	2375	0.055	90	4.91	90	4.91	90	4.91	2375	263.89
771+50	772+00	LT	50	49	2450	0.056	90	5.06	90	5.06	90	5.06	2450	272.22
772+00	772+50	LT	50	24	1200	0.028	90	2.48	90	2.48	90	2.48	1200	133.33
772+50	773+00	LT	50	0	0	0.000	90	0.00	90	0.00	90	0.00	0	0.00
773+00	773+50	LT	50	26	1300	0.030	90	2.69	90	2.69	90	2.69	1300	144.44
773+50	774+00	LT	50	50	2500	0.057	90	5.17	90	5.17	90	5.17	2500	277.78
774+00	774+50	LT	50	48	2400	0.055	90	4.96	90	4.96	90	4.96	2400	266.67
774+50	775+00	LT	50	48	2400	0.055	90	4.96	90	4.96	90	4.96	2400	266.67
775+00	775+50	LT	50	50.5	2525	0.058	90	5.22	90	5.22	90	5.22	2525	280.56
775+50	776+00	LT	50	57.5	2875	0.066	90	5.94	90	5.94	90	5.94	2875	319.44
776+00	776+50	LT	50	62	3100	0.071	90	6.40	90	6.40	90	6.40	3100	344.44
776+50	777+00	LT	50	64.5	3225	0.074	90	6.66	90	6.66	90	6.66	3225	358.33
777+00	777+50	LT	50	65.5	3275	0.075	90	6.77	90	6.77	90	6.77	3275	363.89
777+50	778+00	LT	50	55.5	2775	0.064	90	5.73	90	5.73	90	5.73	2775	308.3