

EARTHWORK

LOCATION			A	B=0.75*A	C	D=B-C	E=G-D-(0.65*F)	F	G
LOCATION			EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR SHRINKAGE) 25% (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE EXCESS (+) SHORTAGE (-) (CU YD)	FURNISHED EXCAVATION (CU YD)	*CHANNEL EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
STATION	TO	STATION	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
FRONTAGE ROAD									
462+20.86	-	472+00.00	2110	1585	1040	545	-545		
475+50.00	-	499+45.18	5155	3870	**16100	-12230	12230		
SUB TOTAL - FRONTAGE ROAD			7265	5455	17140	-11685	11685	0	0
MARATHON DRIVE									
4+50.00	-	8+75.00	2385	1789	145	1644	-1644		
SUB TOTAL - MARATHON DRIVE			2385	1789	145	1644	-1644	0	0
BOX CULVERT CHANNEL REALIGNMENT									
21+34.30	-	25+47.42					-1479	1930	436
SUB TOTAL - CHANNEL			0	0	0	0	-1479	1930	436
POND MUCK REMOVAL									
468+41.68	-	469+03.66					1460		1460
492+74.95	-	494+79.07					4215		4215
SUB TOTAL - POND			0	0	0	0	5675	0	5675
TOTAL			9650	7244	17285	-10041	14237	1930	6111

*NOTE: ESTIMATED 65% OF CHANNEL EXCAVATION CAN BE USED AS EMBANKMENT
 **NOTE: EMBANKMENT QUANTITY HAS 647 CU. YD. OF POROUS GRANULAR EMBANKMENT SUBTRACTED FROM IT. THIS QUANTITY IS PAID FOR AS PART OF THE STRUCTURAL PLAN QUANTITY FOR THE FRONTAGE ROAD BOX CULVERT.

SEEDING

LOCATION			SEEDING, CLASS 2 (ACRE)	SEEDING, CLASS 7 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	AGRICULTURAL GROUND LIMESTONE (TON)	MULCH, METHOD 2 (ACRE)
STATION	TO	STATION	(ACRE)	(ACRE)	(POUND)	(POUND)	(POUND)	(TON)	(ACRE)
FRONTAGE ROAD									
462+01.67	-	472+11.89	0.88	0.88	115	79	79	3.5	1.76
474+87.45	-	499+44.48	2.11	2.11	274	190	190	8.4	4.22
477+84.33	-	499+44.90	1.66	1.66	216	149	149	6.6	3.32
SUB TOTAL - FRONTAGE ROAD			4.65	4.65	604	418	418	18.6	9.30
MARATHON DRIVE									
4+67.59	-	6+31.43	0.01	0.01	1	1	1	0.0	0.01
6+30.30	-	8+92.04	0.11	0.11	15	10	10	0.4	0.22
6+53.43	-	8+96.96	0.23	0.23	29	20	20	0.9	0.46
SUB TOTAL - MARATHON DRIVE			0.35	0.35	45	31	31	1.4	0.70
TOTALS			5.00	5.00	649	449	449	20.0	10.00

PAVING

LOCATION			PROCESSING LIME STABILIZED SOIL MIXTURE 18" (SQ YD)	LIME (TON)	SUB-BASE GRANULAR MATERIAL, TYPE A (TON)	HMA BINDER COURSE, IL-19.0, NI05 (TON)	HMA SURFACE COURSE, MIX "D", NI05 (TON)	BITUMINOUS MATERIALS (PRIME COAT) (GALLON)
STATION	TO	STATION	(SQ YD)	(TON)	(TON)	(TON)	(TON)	(GALLON)
FRONTAGE ROAD								
462+10.86	-	468+50.00	2799	94				
462+20.86	-	471+74.29			2019	436	262	1705
476+65.00	-	499+44.41			4916	1068	641	4138
478+00.00	-	490+00.00	4695	158				
SUB TOTAL - FRONTAGE ROAD			7494	253	6935	1504	902	5843
MARATHON DRIVE								
4+22.04	-	8+00.00			1308	296	177	1078
SUB TOTAL - MARATHON DRIVE			0	0	1308	296	177	1078
TOTAL			7494	253	8243	1800	1080	6921

EROSION CONTROL

LOCATION			PERIMETER EROSION BARRIER (FOOT)	EROSION CONTROL BLANKET (SQ YD)	INLET AND PIPE PROTECTION (EACH)	TEMPORARY DITCH CHECKS (FOOT)	STONE RIPRAP, CLASS A3 (SQ YD)	STONE RIPRAP, CLASS A4 (SQ YD)	STONE RIPRAP, CLASS A5 (SQ YD)	FILTER FABRIC (SQ YD)	SEDIMENT BASINS (EACH)
STATION	TO	STATION	(FOOT)	(SQ YD)	(EACH)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)
FRONTAGE ROAD											
462+00.00	-	468+56.41	786								
464+50.00					2						
465+75.00					2						
466+25.00					2						
468+50.00								35		35	
468+75.00					1			96		96	
468+60.73	-	468+98.68	38								
468+70.34						9					
468+70.60	-	468+72.29									1
468+76.02	-	472+15.00	476			18					
471+00.05		472+15.00	116								
474+85.67	-	477+10.10	227			9					
474+85.67	-	496+53.25	2282			144					
496+74.18	-	499+44.12	341								
491+50.00	-	493+00.00		67							
463+50.00	-	470+50.00				54					
480+50.00	-	497+50.00				117					
482+75.00							12				
484+71.12					1						
484+75.00							26				
488+26.00					1						
488+72.50							11				
494+00.00							23				
494+45.75	-	499+44.77	551								
495+13.31	-	495+25.99									1
498+50.00								17		17	
SUB TOTAL - FRONTAGE ROAD			4817	67	9	351	72	148	0	148	2
MARATHON DRIVE											
4+75.67	-	5+95.80	136								
6+50.00					1						
6+80.00					1						
6+96.96					2						
7+17.00					1						
7+50.57	-	8+70.92	121			9					
5+00.00	-	8+00.00				27					
6+29.60					1						
6+65.76							11				
7+00.00							12				
8+25.00							14				
SUB TOTAL - MARATHON DRIVE			257	0	6	36	37	0	0	0	0
BOX CULVERT											
UPSTREAM END									82	112	
DOWNSTREAM END									82	112	
UPSTREAM CHANNEL									499	499	
DOWNSTREAM CHANNEL									643	643	
SUB TOTAL - BOX CULVERT			0	0	0	0	0	0	1306	1366	0
TOTAL			5074	67	15	387	109	148	1306	1514	2