

**EARTHWORK**

LOCATION	EARTH EXCAVATION (CU YD)	EARTH EXCAV. ADJUSTED FOR SHRINKAGE * (CU YD)	EMBANKMENT (FILL) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
431+00.00 - 454+84.30	245	184	1,060	-876
455+60.00 - 483+00.00	300	225	1,015	-790
484+70.30 - 536+36.96	435	326	2,790	-2,464
538+82.29 - 591+58.66	480	360	3,730	-3,370
593+50.00 - 612+72.00	110	83	1,520	-1,437
613+20.00 - 645+13.96	255	191	1,810	-1,619
647+00.00 - 688+95.60	335	251	2,040	-1,789
691+44.90 - 720+13.28	275	206	1,575	-1,369
720+70.81 - 737+65.00	165	124	800	-676
740+31.65 - 760+89.11	200	150	950	-800
DITCH CHECKS			318	
<b>TOTAL</b>	<b>2,800</b>	<b>2,100</b>	<b>17,608</b>	<b>-15,190</b>
<b>EARTH EXCAVATION</b>	<b>2,800</b>			

\*AN EARTH SHRINKAGE FACTOR OF 0.25 IS APPLIED

**TEMPORARY DITCH CHECKS**

LOCATION	STATION	OFFSET	FOOT
I-74	439+00.00	-	22
	441+00.00	-	22
	442+50.00	-	22
	443+50.00	-	22
	444+50.00	-	22
	445+50.00	-	22
	446+50.00	-	22
	447+50.00	-	22
	448+50.00	-	22
	449+50.00	-	22
	450+50.00	-	22
	451+50.00	-	22
	452+50.00	-	22
	453+50.00	-	22
	454+50.00	-	22
	457+00.00	-	22
	461+50.00	-	22
	463+50.00	-	22
	469+00.00	-	22
	475+00.00	-	22
	481+00.00	-	22
	491+00.00	-	22
	497+50.00	-	22
	504+00.00	-	22
	510+50.00	-	22
	517+00.00	-	22
	523+00.00	-	22
	545+50.00	-	22
	560+50.00	-	22
	577+00.00	-	22
	585+50.00	-	22
	598+50.00	-	22
	610+00.00	-	22
	618+50.00	-	22
	638+00.00	-	22
	641+50.00	-	22
	644+50.00	-	22
	651+00.00	-	22
	669+50.00	-	22
	677+00.00	-	22
	684+50.00	-	22
	697+00.00	-	22
	702+50.00	-	22
	709+00.00	-	22
	712+50.00	-	22
	715+00.00	-	22
	717+50.00	-	22
	723+50.00	-	22
	726+50.00	-	22
	729+50.00	-	22
	741+50.00	-	22
	746+00.00	-	22
<b>TOTAL</b>			<b>1,144</b>

**INLET & PIPE PROTECTION**

LOCATION	STATION	OFFSET	EACH
I-74	433+85.45	3' LT	1
	433+99.45	3' LT	1
	444+98.98	3' LT	1
	451+87.36	3' LT	1
	451+98.31	3' LT	1
	457+99.33	3' RT	1
	463+59.93	3' RT	1
	463+72.03	CL	1
	473+50.72	3' RT	1
	482+85.00	3' RT	1
	483+00.00	CL	1
	492+50.05	3' RT	1
	500+99.67	3' RT	1
	508+69.73	3' RT	1
	508+91.92	CL	1
	520+91.10	3' RT	1
	521+00.60	3' RT	1
	521+10.10	3' RT	1
	536+00.08	3' RT	1
	549+81.26	3' RT	1
	549+99.02	CL	1
	550+03.72	CL	1
	550+33.94	3' RT	1
	559+52.51	3' RT	1
	576+00.00	3' RT	1
	587+91.23	3' RT	1
	588+00.73	3' RT	1
	588+10.23	3' RT	1
	593+52.40	3' LT	1
	612+00.13	3' LT	1
	615+01.84	3' RT	1
	620+01.27	3' RT	1
	625+00.00	3' RT	1
	633+01.42	3' RT	1
	640+01.08	3' RT	1
	645+13.96	3' RT	1
	652+91.73	3' RT	1
	653+01.23	3' RT	1
	653+10.73	3' RT	1
	668+01.28	3' RT	1
	675+51.10	3' RT	1
	683+01.44	3' RT	1
	688+55.59	3' RT	1
	698+06.45	3' LT	1
	704+00.00	CL	1
	707+42.22	3' LT	1
	707+51.72	3' LT	1
	707+61.22	3' LT	1
	711+01.67	3' LT	1
	725+02.06	3' RT	1
	730+01.51	3' RT	1
	731+90.83	3' RT	1
	732+00.33	3' RT	1
	732+09.83	3' RT	1
	735+02.44	3' RT	1
	741+00.10	3' LT	1
	747+00.62	3' LT	1
	760+00.73	3' LT	1
<b>TOTAL</b>			<b>58</b>

**SEEDING, FERTILIZERS AND MULCH**

LOCATION	STATION TO	STATION	OFFSET	SEEDING CLASS 2A (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH, METHOD 2 (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)
I-74	431+00.00	454+84.30		0.88	79	79	79	0.88	88
	455+60.00	483+00.00		1.01	91	91	91	1.01	101
	484+70.30	536+36.96		1.90	171	171	171	1.90	190
	538+82.29	591+58.66		1.94	174	174	174	1.94	194
	593+50.00	612+72.00		0.71	64	64	64	0.71	71
	613+20.00	645+13.96		1.17	106	106	106	1.17	117
	647+00.00	688+95.60		1.54	139	139	139	1.54	154
	691+44.90	720+13.28		1.05	95	95	95	1.05	105
	720+70.81	737+65.00		0.62	56	56	56	0.62	62
	740+31.65	760+89.11		0.76	68	68	68	0.76	76
<b>TOTAL</b>				<b>11.58</b>	<b>1,043</b>	<b>1,043</b>	<b>1,043</b>	<b>11.58</b>	<b>1,158</b>
<b>ROUNDED TOTAL</b>				<b>11.75</b>	<b>1,058</b>	<b>1,058</b>	<b>1,058</b>	<b>11.75</b>	<b>1,175</b>

**WEED CONTROL MOWING STRIP (SPECIAL)**

LOCATION	STATION TO	STATION	OFFSET	SO YD
I-74	431+00.00	454+70.00	RT	1053
	455+60.00	483+50.00	LT	1240
	484+75.00	536+50.00	LT	2300
	538+00.00	592+25.00	LT	2411
	593+00.00	612+38.00	RT	861
	613+50.00	645+50.00	LT	1422
	647+00.00	688+50.00	LT	1844
	694+00.00	719+85.00	RT	1149
	720+95.00	737+65.00	LT	742
	741+00.00	761+00.00	RT	889
<b>TOTAL</b>				<b>13,911</b>

**STORM SEWERS, CLASS A, TYPE 1, 18"**

LOCATION	STATION TO	STATION	OFFSET	FOOT
I-74	433+85.45	433+99.48	3' LT	11
	451+87.36	451+98.28	LT	8
	463+59.93	463+72.03	RT	9
	508+69.73	508+91.92	RT	19
	549+81.26	550+00.00	CL	14
	550+00.00	550+33.94	CL	26
	587+91.23	588+00.73	3' RT	8
	588+00.73	588+10.23	3' RT	8
	615+01.68	-	CL	10
	620+01.27	625+00.00	3' RT	498
	640+01.07	-	CL	6
	645+13.83	-	CL	4
	652+91.73	653+01.23	3' RT	8
	653+01.34	-	CL	5
	653+01.23	653+10.73	3' RT	8
	668+01.37	-	CL	5
	675+51.17	-	CL	5
	683+01.48	-	CL	5
	688+55.52	-	CL	11
	698+06.45	-	CL	11
	707+42.22	707+51.72	3' LT	8
	707+51.69	-	CL	9
	707+51.72	707+61.22	3' LT	8
	711+01.61	-	CL	13
	725+02.28	-	CL	5
	730+01.54	-	CL	6
	731+85.33	732+00.33	3' RT	12
	732+00.41	-	CL	4
	732+00.33	732+15.33	3' RT	12
	735+02.42	-	CL	3
	741+00.40	-	CL	10
	747+00.68	-	CL	10
	760+00.62	-	LT	3
<b>TOTAL</b>				<b>782</b>

**STORM SEWER REMOVAL 18"**

LOCATION	STATION TO	STATION	OFFSET	FOOT
I-74	575+90.48	576+11.25	CL	21
		615+01.68	CL	2
		640+01.07	CL	2
		644+76.88	CL	2
	644+76.88	645+13.83	CL	42
		653+01.34	CL	2
		675+51.17	CL	1
		683+01.48	CL	1
		698+06.45	CL	1
		707+51.69	CL	1
		725+02.28	CL	1
		730+01.54	CL	3
		732+00.41	CL	1
		735+02.42	CL	1
		741+00.40	CL	1
		747+00.68	CL	2
		760+00.62	CL	1
<b>TOTAL</b>				<b>85</b>

**STORM SEWER REMOVAL 24"**

LOCATION	STATION TO	STATION	OFFSET	FOOT
I-74		433+99.48	LT	8
		433+99.48	RT	1
		444+99.04	CL	11
		457+99.33	CL	7
		473+50.71	CL	1
	482+70.00	483+00.12	CL	30
		492+50.05	CL	9
		500+99.67	CL	9
		536+00.08	CL	1
	549+89.74	550+00.00	CL	8
	550+00.00	550+12.80	CL	7
		559+52.51	CL	10
		576+00.00	CL	9
		588+00.73	CL	1
		633+01.39	LT	2
<b>TOTAL</b>				<b>114</b>

**STORM SEWER REMOVAL 30"**

LOCATION	STATION	OFFSET	FOOT
I-74	612+00.13	CL	7
	620+01.26	CL	6
	633+01.39	RT	7
<b>TOTAL</b>			<b>20</b>

**STORM SEWER REMOVAL 36"**

LOCATION	STATION	OFFSET	FOOT
I-74	451+98.28	CL	8
	483+00.00	CL	11
<b>TOTAL</b>			<b>19</b>

**SURVEY MARKER, TYPE 1 (SPECIAL)**

LOCATION	STATION	OFFSET	EACH
I-74	623+14.71	CL	1
	634+30.13	CL	1
<b>TOTAL</b>			<b>2</b>

LOCATION	TRENCH BACKFILL (CU YD)	AGG. BASE COURSE, TYPE B, 6" (SQ YD)	INCIDENTAL HMA SURF (TON)
I-74	0.5	8	2

**AGGREGATE SHOULDERS, TYPE B**

LOCATION	STATION TO	STATION	OFFSET	TON
I-74	431+00.00	454+84.30	LT & RT	352
	455+60.00	483+00.00	LT & RT	416
	484+70.30	536+36.96	LT & RT	785
	538+82.29	591+58.66	LT & RT	801
	593+50.00	612+72.00	LT & RT	292
	613+20.00	645+13.96	LT & RT	485
	647+00.00	688+95.60	LT & RT	637
	691+44.90	720+13.28	LT & RT	436
	720+			