

CONTRACT NO. 94927

**EARTHWORK SCHEDULE**

STATION	TO	STATION	SIDE	EARTH EXCAVATION	EARTH EXCAVATION FROM TOWNSHIP ROADS (PAID FOR AS EARTH EXCAVATION)	EARTH EXCAVATION (WIDENING)	EARTH EXCAVATION FOR RIPRAP (INCIDENTAL)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT	TOPSOIL FURNISH AND PLACE, 4"
				CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	SQUARE YARD
204+00.00		252+00.00	LT	121	36	417	6	484	696	-212	385	522
252+00.00		281+49.53	LT	3066	70	239	0	2569	2175	394	686	414
283+05.71		338+00.00	LT	280	0	461	120	692	3331	-2639	593	504
338+00.00		380+00.00	LT	0	93	358	0	393	512	-119	221	351
380+00.00		412+32.00	LT	3092	0	256	27	2557	5582	-3025	960	414
413+38.95		436+00.00	LT	770	0	186	47	771	2768	-1997	380	0
204+00.00		252+00.00	RT	0	0	417	10	362	131	231	86	540
252+00.00		281+49.53	RT	931	0	240	16	914	4176	-3262	823	405
283+05.71		338+00.00	RT	330	32	464	52	711	1081	-370	440	702
338+00.00		380+00.00	RT	0	0	358	15	316	205	111	74	369
380+00.00		412+32.00	RT	5286	0	252	106	4258	4846	-588	946	0
413+38.95		436+00.00	RT	1444	0	193	0	1247	1504	-257	485	225
SUBTOTALS				15,320	231	3,841	399	15,274	27,007	-11,733	6,079	4,446
ROUNDED TOTALS				15,320	231	3,840	399	15,274	27,007	-11,735	6,080	4,445

**SHRINKAGE FACTORS**

EARTH EXCAVATION	25%
EARTH EXCAVATION - TOWNSHIP ROADS	5%
EARTH EXCAVATION (WIDENING)	15%

**TREE REMOVAL**  
ACRES

STATION	TO	STATION	SIDE	ACRE
238+03		240+28	LT.	0.01
264+25		268+29	LT.	0.24
269+09		272+52	LT.	0.11
271+69		273+82	RT.	0.10
275+90		278+22	RT.	0.02
285+38		285+93	RT.	0.02
297+98		300+50	RT.	0.05
324+17		324+75	LT.	0.02
382+16		385+78	RT.	0.14
387+31		389+37	LT.	0.09
388+06		390+57	RT.	0.12
392+15		396+34	RT.	0.14
407+58		411+16	LT.	0.06
409+63		410+48	RT.	0.05
416+76		418+25	LT.	0.02
415+88		418+64	RT.	0.04
418+50		419+71	LT.	0.07
419+12		420+09	RT.	0.05
424+01		424+63	LT.	0.02
423+78		424+44	RT.	0.01
427+00		428+94	RT.	0.15
427+26		428+88	LT.	0.17
429+51		430+58	LT.	0.12
430+32		432+98	RT.	0.06
SUBTOTAL				1.90
ROUNDED TOTAL				2.00

**TREE REMOVAL**  
UNIT (INCH)

STATION	SIDE	OFFSET	6" TO 15" UNITS	OVER 15" UNITS
237+48.00	RT.	42	6	
237+57.00	RT.	41	7	
237+59.00	RT.	46	6	
237+69.00	RT.	41	7	
237+72.00	RT.	47	7	
237+79.00	RT.	40	8	
237+89.00	RT.	47	9	
237+89.00	RT.	48	9	
237+89.00	RT.	49	10	
237+93.00	RT.	55	9	
238+06.00	RT.	44		20
238+13.00	RT.	47	9	
256+34.00	RT.	56	6	
263+23.00	LT.	25	14	
263+33.00	LT.	29	10	
263+33.00	LT.	29	6	
263+36.00	LT.	23	9	
263+38.00	LT.	29		17
263+38.00	LT.	29		15
263+82.00	RT.	27	9	
263+91.00	RT.	24	14	
264+01.00	RT.	22	12	
264+13.00	LT.	37	6	
264+26.00	RT.	25	10	
264+36.00	RT.	23	6	
264+44.00	RT.	22	7	
264+53.00	RT.	22	13	
264+93.00	RT.	24	8	
265+16.00	RT.	24	7	
265+34.00	RT.	25	9	
265+44.00	RT.	25	9	
265+59.00	RT.	27	9	
265+87.00	RT.	27	6	
266+68.00	RT.	24	6	
267+93.00	RT.	32	12	
285+08.00	RT.	37	8	
298+79.00	LT.	35	6	
299+33.00	LT.	61	15	
314+47.00	RT.	39	6	
324+40.00	RT.	38	7	
324+43.00	RT.	35	8	
324+43.00	RT.	35	10	
324+43.00	RT.	35	12	
324+64.00	RT.	35	8	
324+77.00	RT.	36	8	
324+88.00	RT.	39	6	
325+08.00	RT.	38	10	
325+33.00	LT.	41	7	
325+47.00	LT.	37	7	
325+47.00	LT.	37	7	
326+03.00	LT.	81	12	
326+06.00	LT.	35	6	
326+35.00	LT.	35	10	
326+54.00	LT.	34	12	
326+64.00	LT.	37	11	
326+64.00	LT.	37	10	
326+64.00	LT.	37	15	
326+82.00	LT.	38	10	
326+82.00	LT.	38	12	
327+30.00	RT.	35	9	
327+30.00	RT.	35	10	
327+45.00	LT.	42	14	
327+45.00	LT.	42	11	
369+69.00	RT.	44		18
369+84.00	RT.	40	6	
369+84.00	RT.	40	8	
369+84.00	RT.	40	12	
395+05.00	LT.	49		36
395+02.00	LT.	52		26
TOTALS			568	132

**TERMINAL MARKER - DIRECT APPLIED**  
EACH

STATION	TO	STATION	SIDE	TERMINAL MARKER - DIRECT APPLIED EACH
279+03.00		-	RT.	1
279+93.00		-	LT.	1
-		284+70.00	RT.	1
-		285+62.00	LT.	1
409+81.00		-	RT.	1
410+71.00		-	LT.	1
-		415+00.00	RT.	1
-		415+89.00	LT.	1
TOTALS				8

**CONCRETE GUTTER, TYPE B**  
FOOT

STATION	TO	STATION	SIDE	CONCRETE GUTTER, TYPE B FOOT
260+04.00		268+04.00	LT.	800
260+39.00		268+04.00	RT.	765
286+56.00		291+54.00	LT.	498
285+64.00		288+29.00	RT.	265
379+50.00		385+50.00	RT.	600
381+50.00		385+50.00	LT.	400
391+00.00		400+25.00	RT.	925
392+00.00		397+89.00	LT.	589
402+00.00		404+40.00	LT.	240
402+67.00		403+90.00	RT.	123
414+20.00		418+50.00	LT.	430
414+75.00		418+50.00	RT.	375
TOTALS				6,010

**CLASS SI CONCRETE (OUTLET)**  
CU YD

STATION	BASELINE	SIDE	GUTTER OUTLETS CU. YD.
260+00.00	F.A.P. 750	LT.	4.3
260+50.00	F.A.P. 750	RT.	4.3
268+00.00	F.A.P. 750	LT.	4.3
288+00.00	F.A.P. 750	RT.	4.3
286+00.00	F.A.P. 750	LT.	4.3
288+50.00	F.A.P. 750	RT.	4.3
291+50.00	F.A.P. 750	LT.	4.3
379+50.00	F.A.P. 750	RT.	4.3
381+50.00	F.A.P. 750	LT.	4.3
385+50.00	F.A.P. 750	LT.	4.3
385+50.00	F.A.P. 750	RT.	4.3
391+00.00	F.A.P. 750	RT.	4.3
392+00.00	F.A.P. 750	LT.	4.3
398+00.00	F.A.P. 750	LT.	4.3
400+00.00	F.A.P. 750	RT.	4.3
402+00.00	F.A.P. 750	LT.	4.3
402+50.00	F.A.P. 750	RT.	4.3
404+00.00	F.A.P. 750	RT.	4.3
404+50.00	F.A.P. 750	LT.	4.3
413+50.00	F.A.P. 750	LT.	4.3
414+50.00	F.A.P. 750	RT.	4.3
419+00.00	F.A.P. 750	LT.	4.3
419+00.00	F.A.P. 750	RT.	4.3
TOTALS			103.2

**FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS**  
EACH

STATION	OFFSET	SIDE	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS (EACH)
419+00.00	110	LT	1
419+00.00	85	RT	1
419+50.00	70	LT	1
420+00.00	85	RT	1
420+50.00	60	RT	1
426+00.00	60	RT	1
426+50.00	70	LT	1
426+95.00	125	RT	1
427+50.00	140	LT	1
430+00.00	140	LT	1
431+45.00	125	RT	1
431+50.00	50	LT	1
432+14.33	50	RT	1
TOTAL			100

**PERMANENT SURVEY MARKERS**  
EACH

STATION	DESCRIPTION	PERMANENT SURVEY MARKER EACH
213+91.77	PC	1
244+30.07	PT	1
269+36.85	PC	1
300+61.14	PT	1
314+06.80	PC	1
342+93.47	PT	1
360+71.22	PC	1
372+40.19	PT	1
392+07.18	PC	1
401+14.24	PT	1
412+97.66	PC	1
432+14.33	PT	1
TOTALS		12

**FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS**  
EACH

STATION	OFFSET	SIDE	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS (EACH)
204+00.00	40	RT	1
235+00.00	40	LT	1
235+50.00	55	LT	1
236+50.00	40	RT	1
237+00.00	60	RT	1
239+00.00	60	RT	1
239+50.00	40	RT	1
240+65.00	55	LT	1
241+15.00	40	LT	1
255+00.00	40	Both	2
256+00.00	75	Both	2
257+00.00	75	Both	2
257+50.00	55	Both	2
262+00.00	55	Both	2
263+00.00	70	LT	1
263+00.00	65	RT	1
265+00.00	70	LT	1
266+00.00	85	LT	1
268+00.00	65	RT	1
268+50.00	90	RT	1
271+50.00	85	LT	1
272+00.00	90	RT	1
272+50.00	60	LT	1
297+70.00	40	RT	1
298+00.00	40	LT	1
298+00.00	70	RT	1
298+50.00	65	LT	1
299+85.00	60	LT	1
300+35.00	40	LT	1
300+61.14	70	RT	1
301+00.00	40	RT	1
321+50.00	40	LT	1
322+50.00	90	LT	1
323+50.00	90	LT	1
324+00.00	135	LT	1
324+00.00	60	RT	1
325+00.00	95	RT	1
326+50.00	135	LT	1
327+00.00	90	LT	1
328+00.00	90	LT	1

**FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS**  
EACH