

SCHEDULE OF QUANTITIES

(FOR ROAD AND STORM SEWER CONSTRUCTION ONLY. FOR WATER MAIN QUANTITIES, SEE SHEET 44)

#4001785 EARTH EXCAVATION & EMBANKMENT

NOTE: APPROXIMATE QUANTITIES
(FOR INFORMATION ONLY)
SHRINKAGE FACTOR = 20%

STAGE 1 = 289.9 CY CUT, 0.0 CY ADJ FILL
STAGE 2 = 71.5 CY CUT, 28.6 CY ADJ FILL
STAGE 3 = 161.3 CY CUT, 0.8 CY ADJ FILL
STAGE 4 = 98.5 CY CUT, 6.3 CY ADJ FILL
STAGE 5 = 78.4 CY CUT, 21.0 CY ADJ FILL

STA. 10+00 - 35+35 1.0 L.SUM
TOTAL 1.0 L.SUM

20800150 TRENCH BACKFILL

STA. 12+55 RT	3.4 CU YD
STA. 12+55 LT	1.2 CU YD
STA. 12+57 - 13+51 LT	19.5 CU YD
STA. 13+10 LT	3.5 CU YD
STA. 13+32 - 13+40 LT	1.0 CU YD
STA. 13+37 - 13+51 RT	2.2 CU YD
STA. 13+41 - 13+54 LT	3.0 CU YD
STA. 13+53 RT	5.0 CU YD
STA. 13+54 - 13+71 LT	3.9 CU YD
STA. 13+56 - 14+84 LT	14.9 CU YD
STA. 13+72 - 13+82 LT	1.5 CU YD
STA. 14+86 RT	3.2 CU YD
STA. 14+86 LT	1.1 CU YD
STA. 14+87 - 15+20 RT	3.6 CU YD
STA. 14+88 - 15+47 LT	7.0 CU YD
STA. 15+43 - 15+49 LT	1.1 CU YD
STA. 15+43 - 15+55 LT	2.3 CU YD
STA. 15+49 - 15+60 RT	2.6 CU YD
STA. 15+63 - 15+77 RT	2.1 CU YD
STA. 22+38 LT	1.5 CU YD
STA. 22+38 RT	4.6 CU YD
STA. 24+12 - 26+29 LT	67.8 CU YD
STA. 26+31 LT	1.8 CU YD
STA. 26+31 RT	4.2 CU YD
STA. 28+30 LT	2.0 CU YD
STA. 28+30 RT	4.4 CU YD
STA. 30+13 - 31+32 LT	33.5 CU YD
STA. 31+33 RT	4.4 CU YD
STA. 31+33 LT	1.7 CU YD
STA. 34+65 RT	3.4 CU YD
STA. 34+65 LT	1.8 CU YD
STA. 34+67 - 36+02 LT	60.5 CU YD
TOTAL	274.0 CU YD

21001000 GEOTECH FAB F/GR STAB

STA. 10+00 - 35+35	10,703.3 SQ YD
STA. 15+20 - 15+66 RT	31.9 SQ YD
STA. 19+80 - 20+20 LT	16.6 SQ YD
STA. 19+83 - 20+25 RT	16.5 SQ YD
TOTAL	10,768.0 SQ YD

31101200 SUB GRAN MAT B 4

STA. 10+00 - 35+35	10,703.3 SQ YD
STA. 15+20 - 15+66 RT	31.9 SQ YD
STA. 19+80 - 20+20 LT	16.6 SQ YD
STA. 19+83 - 20+25 RT	16.5 SQ YD
TOTAL	10,768.0 SQ YD

35300300 PCC BASE COURSE B

STA. 10+00 - 35+35	9,576.7 SQ YD
STA. 13+32 - 13+79 LT	7.6 SQ YD
STA. 15+20 - 15+66 RT	38.4 SQ YD
STA. 19+80 - 20+20 LT	25.1 SQ YD
STA. 19+83 - 20+25 RT	23.4 SQ YD
STA. 35+35 - 36+04 LT	38.3 SQ YD
TOTAL	9,710.0 SQ YD

40600625 LEV BIND MM N50

STA. 9+95 - 10+00	1.2 TON
STA. 13+37 - 13+76 LT	1.0 TON
STA. 15+27 - 15+58 RT	3.6 TON
STA. 19+83 - 20+09 LT	0.8 TON
STA. 19+91 - 20+18 RT	0.8 TON
STA. 35+35 - 35+98	18.2 TON
TOTAL	26.0 TON

40603335 HMA SC 'D' N50

STA. 9+95 - 10+00	1.7 TON
STA. 13+37 - 13+76 LT	3.1 TON
STA. 15+27 - 15+58 RT	5.4 TON
STA. 19+83 - 20+09 LT	1.2 TON
STA. 19+91 - 20+18 RT	1.2 TON
STA. 35+35 - 35+98	29.1 TON
TOTAL	42.0 TON

42300200 PCC DRIVEWAY PAVT 6

STA. 11+29 RT	15.5 SQ YD
STA. 11+41 LT	17.9 SQ YD
STA. 11+73 RT	15.2 SQ YD
STA. 12+15 LT	13.8 SQ YD
STA. 12+41 RT	15.0 SQ YD
STA. 13+00 RT	20.0 SQ YD
STA. 13+00 LT	14.7 SQ YD
STA. 13+73 RT	15.0 SQ YD
STA. 14+41 RT	14.8 SQ YD
STA. 15+00 LT	14.5 SQ YD
STA. 15+65 LT	14.3 SQ YD
STA. 16+29 LT	14.5 SQ YD
STA. 17+06 RT	15.5 SQ YD
STA. 17+60 LT	16.2 SQ YD
STA. 17+71 RT	14.8 SQ YD
STA. 18+36 RT	15.2 SQ YD
STA. 18+98 LT	20.4 SQ YD
STA. 19+00 RT	15.0 SQ YD
STA. 20+91 LT	14.8 SQ YD
STA. 21+42 LT	14.5 SQ YD
STA. 21+93 RT	15.0 SQ YD
STA. 22+10 LT	14.5 SQ YD
STA. 22+54 RT	21.2 SQ YD
STA. 22+87 LT	14.5 SQ YD
STA. 23+54 LT	14.7 SQ YD
STA. 23+75 RT	20.5 SQ YD
STA. 24+09 LT	14.5 SQ YD
STA. 24+38 RT	14.8 SQ YD
STA. 24+93 RT	15.0 SQ YD
STA. 25+21 LT	14.7 SQ YD
STA. 25+42 RT	15.0 SQ YD
STA. 26+09 RT	14.7 SQ YD
STA. 26+18 LT	14.5 SQ YD
STA. 26+76 RT	14.7 SQ YD
STA. 26+87 LT	14.7 SQ YD
STA. 27+40 RT	14.7 SQ YD
STA. 27+89 LT	14.5 SQ YD
STA. 28+03 RT	14.0 SQ YD
STA. 28+44 LT	14.5 SQ YD
STA. 28+71 RT	14.5 SQ YD
STA. 28+95 LT	15.0 SQ YD
STA. 29+36 RT	14.8 SQ YD
STA. 29+50 LT	15.8 SQ YD
STA. 30+00 RT	15.0 SQ YD
STA. 30+00 LT	19.3 SQ YD
STA. 30+58 LT	19.7 SQ YD
STA. 30+65 RT	14.7 SQ YD
STA. 31+24 RT	15.3 SQ YD
STA. 31+62 LT	19.8 SQ YD
STA. 31+85 RT	15.0 SQ YD
STA. 32+14 LT	11.5 SQ YD
STA. 32+52 RT	14.8 SQ YD
STA. 32+68 LT	19.3 SQ YD
STA. 33+15 RT	14.7 SQ YD
STA. 33+21 LT	19.5 SQ YD
STA. 33+74 LT	19.2 SQ YD
STA. 33+82 RT	14.5 SQ YD
STA. 34+38 LT	19.2 SQ YD
STA. 34+47 RT	14.7 SQ YD
STA. 35+06 LT	19.3 SQ YD
STA. 35+13 RT	11.1 SQ YD
STA. 35+32 RT	15.2 SQ YD
STA. 35+65 LT	23.2 SQ YD
TOTAL	997.0 SQ YD

42400100 PC CONCRETE SIDEWALK 4

STA. 9+90 LT	224.6 SQ FT
STA. 9+96 RT	25.0 SQ FT
STA. 10+15 RT	12.0 SQ FT
STA. 10+45 RT	14.0 SQ FT
STA. 10+75 RT	19.8 SQ FT
STA. 11+07 LT	110.0 SQ FT
STA. 11+15 RT	16.4 SQ FT
STA. 11+55 RT	13.1 SQ FT
STA. 11+96 RT	50.0 SQ FT
STA. 11+98 LT	24.8 SQ FT
STA. 12+10 RT	11.3 SQ FT
STA. 12+56 RT	102.5 SQ FT
STA. 12+61 LT	396.5 SQ FT
STA. 12+80 RT	17.6 SQ FT
STA. 12+80 LT	19.8 SQ FT
STA. 13+30 LT	20.8 SQ FT
STA. 13+41 LT	46.5 SQ FT
STA. 13+45 RT	22.0 SQ FT
STA. 14+05 LT	17.2 SQ FT
STA. 14+25 RT	16.0 SQ FT
STA. 14+34 RT	217.5 SQ FT
STA. 14+60 LT	41.6 SQ FT
STA. 14+83 LT	28.0 SQ FT
STA. 14+91 RT	152.6 SQ FT
STA. 14+95 RT	17.8 SQ FT
TOTAL	1,196.0 SQ FT

42400100 PC CONCRETE SIDEWALK 4 (CONT.)

STA. 11+29 RT	28.0 SQ FT
STA. 11+41 LT	40.0 SQ FT
STA. 11+73 RT	26.3 SQ FT
STA. 15+60 LT	229.0 SQ FT
STA. 15+60 RT	41.0 SQ FT
STA. 16+10 LT	23.0 SQ FT
STA. 16+13 RT	25.0 SQ FT
STA. 16+22 LT	25.5 SQ FT
STA. 16+33 RT	111.5 SQ FT
STA. 16+75 RT	17.6 SQ FT
STA. 17+30 LT	22.0 SQ FT
STA. 17+38 RT	78.0 SQ FT
STA. 17+50 RT	20.4 SQ FT
STA. 17+81 RT	47.0 SQ FT
STA. 17+85 LT	21.1 SQ FT
STA. 18+10 RT	22.0 SQ FT
STA. 18+20 RT	22.6 SQ FT
STA. 18+42 RT	54.0 SQ FT
STA. 18+69 RT	69.5 SQ FT
STA. 18+75 RT	16.0 SQ FT
STA. 18+80 LT	19.0 SQ FT
STA. 18+91 LT	40.0 SQ FT
STA. 18+93 RT	69.5 SQ FT
STA. 19+12 LT	169.0 SQ FT
STA. 19+50 RT	11.6 SQ FT
STA. 19+50 LT	19.2 SQ FT
STA. 19+65 LT	102.5 SQ FT
STA. 20+55 LT	19.8 SQ FT
STA. 20+70 RT	20.0 SQ FT
STA. 21+20 LT	17.6 SQ FT
STA. 21+22 RT	20.3 SQ FT
STA. 21+31 RT	128.5 SQ FT
STA. 21+70 RT	19.4 SQ FT
STA. 21+71 LT	50.5 SQ FT
STA. 21+72 RT	75.0 SQ FT
STA. 21+80 LT	19.5 SQ FT
STA. 22+25 RT	20.0 SQ FT
STA. 22+36 RT	237.5 SQ FT
STA. 23+25 LT	21.5 SQ FT
STA. 23+29 RT	92.5 SQ FT
STA. 23+60 RT	18.0 SQ FT
STA. 24+04 LT	60.0 SQ FT
STA. 24+34 RT	93.0 SQ FT
STA. 24+65 LT	25.3 SQ FT
STA. 24+75 RT	20.4 SQ FT
STA. 24+79 RT	25.0 SQ FT
STA. 25+24 RT	69.5 SQ FT
STA. 25+25 RT	20.5 SQ FT
STA. 25+75 RT	21.0 SQ FT
STA. 25+85 LT	16.0 SQ FT
STA. 26+50 RT	16.8 SQ FT
STA. 26+60 LT	17.5 SQ FT
STA. 27+18 RT	18.0 SQ FT
STA. 27+20 LT	44.5 SQ FT
STA. 27+77 RT	14.0 SQ FT
STA. 27+77 LT	13.6 SQ FT
STA. 28+23 LT	19.3 SQ FT
STA. 28+36 LT	66.5 SQ FT
STA. 28+38 RT	17.0 SQ FT
STA. 28+46 RT	25.0 SQ FT
STA. 28+75 LT	24.7 SQ FT
STA. 29+12 RT	26.3 SQ FT
STA. 29+26 LT	20.0 SQ FT
STA. 29+80 RT	16.0 SQ FT
STA. 29+90 LT	15.2 SQ FT
STA. 30+23 RT	49.5 SQ FT
STA. 30+40 LT	33.0 SQ FT
STA. 30+52 LT	25.0 SQ FT
STA. 30+55 RT	18.0 SQ FT
STA. 30+72 LT	77.0 SQ FT
STA. 30+90 LT	27.2 SQ FT
STA. 31+12 RT	17.6 SQ FT
STA. 31+41 LT	41.0 SQ FT
STA. 31+48 LT	14.0 SQ FT
STA. 31+73 RT	15.6 SQ FT
STA. 31+90 LT	15.5 SQ FT
STA. 32+15 RT	15.6 SQ FT
STA. 32+48 LT	30.4 SQ FT
STA. 32+95 RT	20.0 SQ FT
STA. 32+95 LT	15.6 SQ FT
STA. 33+21 RT	65.0 SQ FT
STA. 33+45 RT	16.8 SQ FT
STA. 33+55 LT	26.0 SQ FT
STA. 33+97 RT	51.5 SQ FT
STA. 34+25 LT	12.0 SQ FT
STA. 34+30 RT	17.6 SQ FT
STA. 34+85 LT	28.4 SQ FT
STA. 34+95 RT	22.0 SQ FT
STA. 35+37 LT	12.8 SQ FT
STA. 35+50 RT	16.0 SQ FT
STA. 35+78 RT	40.0 SQ FT
TOTAL	5,196.0 SQ FT

42400460 PC CONCRETE SIDEWALK 8 SP

STA. 13+41 LT	23.5 SQ FT
STA. 13+67 LT	26.5 SQ FT
STA. 15+10 RT	20.0 SQ FT
STA. 15+21 RT	20.0 SQ FT
STA. 15+60 RT	20.0 SQ FT
STA. 19+70 RT	20.0 SQ FT
STA. 19+70 LT	20.0 SQ FT
STA. 19+80 LT	20.0 SQ FT
STA. 20+24 LT	20.0 SQ FT
STA. 20+27 RT	20.0 SQ FT
TOTAL	210.0 SQ FT

42400800 DETECTABLE WARNINGS

STA. 13+41 LT	8.0 SQ FT
STA. 13+67 LT	8.0 SQ FT
STA. 15+10 RT	8.0 SQ FT
STA. 15+10 LT	8.0 SQ FT
STA. 15+21 RT	8.0 SQ FT
STA. 15+60 RT	8.0 SQ FT
STA. 19+70 RT	8.0 SQ FT
STA. 19+70 LT	8.0 SQ FT
STA. 19+80 LT	8.0 SQ FT
STA. 20+24 LT	8.0 SQ FT
STA. 20+27 RT	8.0 SQ FT
TOTAL	88.0 SQ FT

44000100 PAVT REMOVAL

STA. 35+35 - 36+04 LT	38.3 SQ YD
TOTAL	38.0 SQ YD

44000159 HMA SURF REM 2.5

STA. 9+95 - 10+00	20.6 SQ YD
STA. 13+37 - 13+76 LT	37.4 SQ YD
STA. 15+27 - 15+58 RT	64.4 SQ YD
STA. 19+83 - 20+09 LT	14.2 SQ YD
STA. 19+91 - 20+18 RT	14.7 SQ YD
STA. 35+35 - 35+98	221.1 SQ YD
TOTAL	372.0 SQ YD

44000200 DRIVE PAVEMENT REM

STA. 11+29 RT	10.3 SQ YD
STA. 11+41 LT	15.8 SQ YD
STA. 11+73 RT	10.1 SQ YD
STA. 12+41 RT	11.5 SQ YD
STA. 13+00 RT	18.6 SQ YD
STA. 13+73 RT	9.0 SQ YD
STA. 14+41 RT	10.5 SQ YD
STA. 14+41 LT	7.9 SQ YD
STA. 15+00 LT	13.1 SQ YD
STA. 15+65 LT	9.6 SQ YD
STA. 16+29 LT	9.3 SQ YD
STA. 16+37 RT	10.9 SQ YD
STA. 17+06 RT	14.6 SQ YD
STA. 17+60 LT	13.8 SQ YD
STA. 17+71 RT	11.8 SQ YD
STA. 18+36 RT	13.8 SQ YD
STA. 18+98 LT	20.4 SQ YD
STA. 20+91 LT	11.0 SQ YD
STA. 21+42 LT	10.5 SQ YD
STA. 21+93 RT	8.8 SQ YD
STA. 22+10 LT	11.3 SQ YD
STA. 22+54 RT	21.4 SQ YD
STA. 22+87 LT	12.4 SQ YD
STA. 23+54 LT	10.7 SQ YD
STA. 23+75 RT	19.9 SQ YD
STA. 24+09 LT	12.6 SQ YD
STA. 24+38 RT	11.1 SQ YD
STA. 24+93 RT	11.2 SQ YD
STA. 25+21 LT	10.3 SQ YD
STA. 25+42 RT	10.8 SQ YD
STA. 26+09 RT	1.583.2 FT
STA. 26+18 LT	11.7 SQ YD
STA. 26+76 RT	10.9 SQ YD
STA. 26+87 LT	9.3 SQ YD
STA. 27+40 RT	10.1 SQ YD
STA. 27+89 LT	9.1 SQ YD
STA. 28+03 RT	11.6 SQ YD
STA. 28+44 LT	11.8 SQ YD
STA. 28+71 RT	11.3 SQ YD
STA. 28+95 LT	11.0 SQ YD
STA. 29+36 RT	11.0 SQ YD
STA. 29+50 LT	12.7 SQ YD
STA. 30+00 RT	11.5 SQ YD
STA. 30+00 LT	14.9 SQ YD
STA. 30+58 LT	11.1 SQ YD
STA. 30+65 RT	10.5 SQ YD

PAVEMENT DESIGN

2003 ADT = 3,950
DESIGN PERIOD = 20 YEARS
2017 PROJECTED ADT = 4,540
(1% ANNUAL INCREASE)

STREET CLASSIFICATION: CLASS II
TRAFFIC FACTOR: 1.42
ILLINOIS BEARING RATIO: 3.0

TYPE	NO.
P. V	3,995
S. U.	318
M. U.	227
TOTAL	4,540

REQUIRED THICKNESS = 7.75" OF PCC
PROPOSED PCC BASE COURSE THICKNESS = 8.0