

DATE 10/04/93

ESTIMATE OF QUANTITIES

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1532-09-72 QUANTITY
20101	CLEARING	STA.	41.00	41.00
20104	GRUBBING	STA.	41.00	41.00
20330	REMOVING OLD CULVERTS	EACH	2.00	2.00
20401	REMOVING PAVEMENT	S.Y.	21,100.00	21,100.00
20405	REMOVING CURB AND GUTTER	L.F.	800.00	800.00

20409	REMOVING SURFACE DRAINS	EACH	1.00	1.00
20414	REMOVING MANHOLES	EACH	1.00	1.00
20501	COMMON EXCAVATION	C.Y.	56,500.00	56,500.00
20502	ROCK EXCAVATION	C.Y.	3,000.00	3,000.00
20801	BORROW EXCAVATION	C.Y.	800.00	800.00

21132	PREPARATION OF FOUNDATION FOR CRUSHED AGGREGATE BASE COURSE, OPEN GRADED	STA.	78.00	78.00
21301	FINISHING ROADWAY	L.S.	1.00	1.00
30404	CRUSHED AGGREGATE BASE COURSE	TON	24,000.00	24,000.00
30418	CRUSHED AGGREGATE BASE COURSE, OPEN GRADED, NUMBER 1	TON	2,650.00	2,650.00
40501	ASPHALTIC MATERIAL FOR PLANT MIXES	TON	380.00	380.00

40713	ASPHALTIC CONCRETE PAVEMENT, TYPE MV	TON	2,670.00	2,670.00
41509	CONCRETE PAVEMENT, 9-INCH	S.Y.	40,400.00	40,400.00
41519	H.E.S. CONCRETE PAVEMENT, 9-INCH	S.Y.	1,310.00	1,310.00
41572	DOWEL BARS	EACH	34.00	34.00
41575	CONCRETE PAVEMENT GAPS	EACH	2.00	2.00

52003	CULVERT PIPE, CLASS III, 18-INCH	L.F.	86.00	86.00
52061	APRON ENDWALLS FOR CULVERT PIPE, 18-INCH	EACH	4.00	4.00
52080	TEMPORARY CULVERT PIPE, 12-INCH	L.F.	60.00	60.00
52207	REINFORCED CONCRETE CULVERT PIPE, CLASS III, 30-INCH	L.F.	82.00	82.00
52209	REINFORCED CONCRETE CULVERT PIPE, CLASS III, 36-INCH	L.F.	104.00	104.00

52210	REINFORCED CONCRETE CULVERT PIPE, CLASS III, 42-INCH	L.F.	92.00	92.00
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SHEET 3

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1532-09-72 QUANTITY
52266	REINFORCED CONCRETE APRON ENDWALLS FOR CULVERT PIPE, 30-INCH	EACH	2.00	2.00
52267	REINFORCED CONCRETE APRON ENDWALLS FOR CULVERT PIPE, 36-INCH	EACH	3.00	3.00
52268	REINFORCED CONCRETE APRON ENDWALLS FOR CULVERT PIPE, 42-INCH	EACH	2.00	2.00
52269	REINFORCED CONCRETE APRON ENDWALLS FOR CULVERT PIPE, 48-INCH	EACH	2.00	2.00
52361	REINFORCED CONCRETE APRON ENDWALLS FOR HORIZONTAL ELLIP. CULVERT PIPE, 19X30-INCH	EACH	1.00	1.00

60123	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A	L.F.	12,800.00	12,800.00
60133	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D	L.F.	440.00	440.00
60160	CONCRETE CURB AND GUTTER, 36-INCH, TYPE A	L.F.	150.00	150.00
60224	CONCRETE SAFETY ISLANDS	S.F.	130.00	130.00
60602	HEAVY RIPRAP	C.Y.	205.00	205.00

60603	GROUTED RIPRAP	C.Y.	16.00	16.00
60720	ROCK EXCAVATION FOR STORM SEWER	C.Y.	1,050.00	1,050.00
60825	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 12-INCH	L.F.	998.00	998.00
60826	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 15-INCH	L.F.	118.00	118.00
60827	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 18-INCH	L.F.	416.00	416.00

60829	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 24-INCH	L.F.	2,057.00	2,057.00
60831	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 30-INCH	L.F.	432.00	432.00
60833	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 36-INCH	L.F.	1,315.00	1,315.00
60835	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 48-INCH	L.F.	709.00	709.00

SHEET 3.1

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1532-09-72 QUANTITY
60878	REINFORCED CONCRETE PIPE, CLASS V, STORM SEWER, 36-INCH	L.F.	45.00	45.00
60880	REINFORCED CONCRETE PIPE, CLASS V, STORM SEWER, 48-INCH	L.F.	79.00	79.00
61002	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE, CLASS HE- III, STORM SEWER, 19X30-INCH	L.F.	85.00	85.00
61110	MANHOLES, TYPE 1	EACH	10.00	10.00
61112	MANHOLES, TYPE 3	EACH	13.00	13.00
61122	INLETS, TYPE 3	EACH	39.00	39.00
61151	MANHOLE COVERS, TYPE J	EACH	19.00	19.00
61167	INLET COVERS, TYPE H	EACH	42.00	42.00
61201	PIPE UNDERDRAIN, 6-INCH	L.F.	13,400.00	13,400.00
61211	PIPE UNDERDRAIN, UNPERFORATED, 6-INCH	L.F.	360.00	360.00
61254	REINFORCED CONCRETE APRON ENDWALLS FOR UNDERDRAIN, 6-INCH	EACH	16.00	16.00
61334	NONMETALLIC CONDUIT, 2-INCH	L.F.	760.00	760.00
61408	STEEL PLATE BEAM GUARD, CLASS A	L.F.	69.00	69.00
61412	ANCHORAGES FOR STEEL PLATE BEAM GUARD, TYPE 1	EACH	1.00	1.00
61413	ANCHORAGES FOR STEEL PLATE BEAM GUARD, TYPE 2	EACH	1.00	1.00
61801	MAINTENANCE AND REPAIR OF HAUL ROADS	L.S.	1.00	1.00
61910	MOBILIZATION	L.S.	1.00	1.00
62001	CONCRETE CORRUGATED MEDIAN	S.F.	1,150.00	1,150.00
62401	WATER	MGAL	500.00	500.00
62501	TOPSOIL	S.Y.	59,505.00	59,505.00
62702	MULCHING	S.Y.	47,515.00	47,515.00
62803	EROSION MAT, DELIVERED	S.Y.	100.00	100.00
62804	EROSION MAT, INSTALLED	S.Y.	100.00	100.00
62811	EROSION BALES, DELIVERED	EACH	115.00	115.00
62812	EROSION BALES, INSTALLED	EACH	115.00	115.00

SHEET 3.2

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1532-09-72 QUANTITY
62815	SILT FENCE, DELIVERED	L.F.	14,100.00	14,100.00
62816	SILT FENCE, INSTALLED	L.F.	14,100.00	14,100.00
62817	SILT FENCE MAINTENANCE	L.F.	28,200.00	28,200.00
62819	MOBILIZATIONS, EROSION CONTROL	EACH	3.00	3.00
62905	FERTILIZER, TYPE B	CWT.	32.00	32.00

63002	SEEDING	LB.	790.00	790.00
63003	SEEDING, TEMPORARY	LB.	165.00	165.00
63004	SEEDING, WETLANDS	LB.	145.00	145.00
63101	SODDING	S.Y.	7,878.00	7,878.00
63102	REINFORCED SODDING	S.Y.	4,885.00	4,885.00

63201	TREES, ASH, GREEN SUMMIT, 1 1/4-INCH CAL., BR	EACH	10.00	10.00
63202	TREES, LINDEN, AMERICAN, 1 1/2-INCH CAL., B&B	EACH	6.00	6.00
63203	TREES, RED CEDAR, EASTER, 2-FT. HT., B&B	EACH	10.00	10.00
63261	SHRUBS, DOGWOOD, GRAY, 2-FT. HT., BR	EACH	15.00	15.00
63262	SHRUBS, DOGWOOD, REDOSIER, 2-FT. HT. , BR	EACH	22.00	22.00

63263	SHRUBS, SUMAC, SMOOTH, 2-FT. HT., BR	EACH	34.00	34.00
63311	TEMPORARY DELINEATORS	EACH	138.00	138.00
63410	WOOD POSTS, 4X6-INCH X 12-FT.	EACH	53.00	53.00
63411	WOOD POSTS, 4X6-INCH X 14-FT.	EACH	25.00	25.00
63702	SIGNS, TYPE II, REFLECTIVE	S.F.	642.80	642.80

63822	MOVING SIGNS, TYPE II	EACH	10.00	10.00
64005	POLES, TYPE 5, 30-FEET	EACH	2.00	2.00
64012	CONCRETE BASES, TYPE 1	EACH	3.00	3.00
64014	CONCRETE BASES, TYPE 5	EACH	2.00	2.00
64032	LUMINAIRES, 150 WATTS, HIGH PRESSURE SODIUM	EACH	2.00	2.00

64052	MAST ARMS, SINGLE MEMBER, 8-FOOT	EACH	2.00	2.00
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SHEET 3.3

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1532-09-72 QUANTITY
64078	ELECTRICAL WIRE, LIGHTING, NO. 6	L.F.	600.00	600.00
64081	ELECTRICAL SERVICE, LIGHTING, PARK AND RIDE LOT	L.S.	1.00	1.00
64180	OVERHEAD SIGN SUPPORTS	EACH	2.00	2.00
64202	FIELD OFFICE, TYPE B	L.S.	1.00	1.00
64210	FIELD LABORATORY	L.S.	1.00	1.00

64313	TRAFFIC CONTROL, DRUMS	DAYS	33,295.00	33,295.00
64318	TRAFFIC CONTROL, BARRICADES, TYPE III	DAYS	9,065.00	9,065.00
64321	TRAFFIC CONTROL, WARNING LIGHTS, TYPE A	DAYS	5,080.00	5,080.00
64323	TRAFFIC CONTROL, WARNING LIGHTS, TYPE C	DAYS	9,630.00	9,630.00
64326	TRAFFIC CONTROL, SIGNS	DAYS	14,140.00	14,140.00

64329	TRAFFIC CONTROL, FLEXIBLE TUBULAR MARKER POSTS	EACH	250.00	250.00
64333	TRAFFIC CONTROL, FLEXIBLE TUBULAR MARKER BASES	EACH	125.00	125.00
64401	PAVEMENT MARKING, HOT PAINT	L.F.	1,140.00	1,140.00
64406	PAVEMENT MARKING, EPOXY, 4-INCH	L.F.	22,995.00	22,995.00
64414	PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH	L.F.	2,510.00	2,510.00

64437	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	L.F.	255.00	255.00
64471	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 1	EACH	3.00	3.00
64472	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	EACH	11.00	11.00
64479	PAVEMENT MARKING, WORDS, EPOXY	EACH	10.00	10.00
64481	TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE	L.F.	11,985.00	11,985.00

64482	TEMPORARY PAVEMENT MARKING, STOP LINE, REMOVABLE TAPE, 18-INCH	L.F.	345.00	345.00
64484	TEMPORARY PAVEMENT MARKING	L.F.	74,545.00	74,545.00
64487	REMOVING PAVEMENT MARKINGS	L.F.	6,350.00	6,350.00

SHEET 3.4

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1532-09-72 QUANTITY
64492	PAVEMENT MARKING, DIAGONAL, EPOXY, 24-INCH	L.F.	200.00	200.00
64496	PAVEMENT MARKING, ISLAND NOSE, EPOXY	S.F.	160.00	160.00
64503	GEOTEXTILE FABRIC, TYPE DF	S.Y.	6,150.00	6,150.00
64506	GEOTEXTILE FABRIC, TYPE HR	S.Y.	550.00	550.00
64601	SAWING EXISTING PAVEMENT	L.F.	420.00	420.00

64602	SAWING CONCRETE PAVEMENT, FULL DEPTH	L.F.	54.00	54.00
90001	BOLTED MANHOLE COVER, TYPE R1	EACH	2.00	2.00
90002	TEMPORARY PAVEMENT MARKING, STOPLINE, 18-INCH	L.F.	215.00	215.00
90003	NONMETALLIC CONDUIT, SCHEDULE 80, 3-INCH	L.F.	1,350.00	1,350.00
90004	MANHOLE, TYPE 8	EACH	1.00	1.00

90005	ENDWALL, WEIR	EACH	1.00	1.00
90006	CRUSHED AGGREGATE BASE COURSE, OPEN GRADED, NO. 1, ASPHALT STABILIZED	TON	8,655.00	8,655.00
90007	PREPARATION OF FOUNDATION FOR TEMPORARY ASPHALT WIDENING	STA.	99.00	99.00
90008	QUALITY MANAGEMENT PROGRAM, BASE COURSES	TON	35,305.00	35,305.00
90009	QUALITY MANAGEMENT PROGRAM, AGGREGATE FOR CONCRETE PAVEMENT	TON	41,710.00	41,710.00

90010	QUALITY MANAGEMENT PROGRAM, PLACEMENT OF CONCRETE PAVEMENT	P.D.	10.00	10.00
90321	CLOSING CULVERT PIPES	EACH	1.00	1.00
90394	PROFILOGRAPH	L.S.	1.00	1.00
90402	QUALITY MANAGEMENT PROGRAM, ASPHALTIC MIXTURE	TON	2,670.00	2,670.00
90533	SPLIT CONCRETE BLOCK RETAINING WALL	S.F.	1,860.00	1,860.00

90568	PRECAST CONCRETE CURB	EACH	59.00	59.00
90590	PIPE GRATES	EACH	3.00	3.00
90616	MARKER POSTS, FLEXIBLE	EACH	16.00	16.00
90777	PAVEMENT MARKING, HANDICAP SYMBOLS, EPOXY	EACH	2.00	2.00

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1532-09-72 QUANTITY
90792	PULL BOXES, 12X24-INCH	EACH	4.00	4.00
90797	PULL BOXES, 24X36-INCH	EACH	13.00	13.00
90799	JUNCTION BOXES, 8X8X8-INCH	EACH	10.00	10.00
90871	LOOP DETECTOR CONDUIT, 1-INCH	L.F.	535.00	535.00
90999	ON-THE-JOB TRAINING	HRS.	400.00	400.00

SHEET 3.5