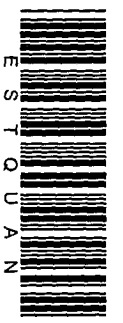
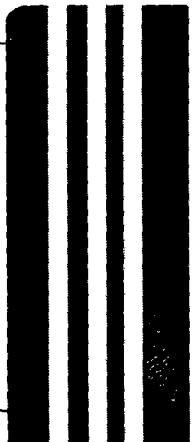


DATE 12/21/95

ESTIMATE OF QUANTITIES

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	8010-13-71 QUANTITY
20102	CLEARING	I.D.	767.00	767.00
20105	GRUBBING	I.D.	851.00	851.00
20401	REMOVING PAVEMENT	S.Y.	31,675.00	31,675.00
20406	REMOVING CONCRETE SIDEWALK	S.Y.	6,880.00	6,880.00
20413	REMOVING UTILITY POLES	EACH	12.00	12.00
20414	REMOVING MANHOLES	EACH	3.00	3.00
20416	REMOVING INLETS	EACH	16.00	16.00
20422	REMOVING CONCRETE BASES	EACH	3.00	3.00
20480	ABANDONING MANHOLES	EACH	5.00	5.00
20503	UNCLASSIFIED EXCAVATION	C.Y.	34,557.00	34,557.00
21132	PREPARATION OF FOUNDATION FOR CRUSHED AGGREGATE BASE COURSE, OPEN GRADED	STA.	53.00	53.00
21301	FINISHING ROADWAY	L.S.	1.00	1.00
30404	CRUSHED AGGREGATE BASE COURSE	TON	15,902.00	15,902.00
30420	CRUSHED AGGREGATE BASE COURSE, OPEN GRADED, NUMBER 2	TON	10,627.00	10,627.00
30426	BREAKER RUN STONE	TON	8,380.00	8,380.00
40204	ASPHALTIC MATERIAL FOR TACK COAT	GAL.	113.00	113.00
40501	ASPHALTIC MATERIAL FOR PLANT MIXES	TON	64.00	64.00
40713	ASPHALTIC CONCRETE PAVEMENT, TYPE MV	TON	1,086.00	1,086.00
41509	CONCRETE PAVEMENT, 9-INCH	S.Y.	31,920.00	31,920.00
41519	H.E.S. CONCRETE PAVEMENT, 9-INCH	S.Y.	3,977.00	3,977.00
41531	CONCRETE DRIVEWAY	S.Y.	159.00	159.00
41532	CONCRETE ALLEY	S.Y.	932.00	932.00
41571	PAVEMENT TIES	EACH	32.00	32.00
41572	DOWEL BARS	EACH	100.00	100.00
41575	CONCRETE PAVEMENT GAPS	EACH	7.00	7.00
52080	TEMPORARY CULVERT PIPE, 12-INCH	L.F.	262.00	262.00
60101	CONCRETE CURB, TYPE A	L.F.	427.00	427.00
60123	CONCRETE CURB AND GUTTER, 30-INCH, TYPE A	L.F.	10,153.00	10,153.00



SHEET 3

8010-13-71
QUANTITY

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
60133	CONCRETE CURB AND GUTTER, 30-INCH, TYPE D	L.F.	544.00	544.00
60204	CONCRETE SIDEWALK, 4-INCH	S.F.	65,485.00	65,485.00
60825	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 12-INCH	L.F.	753.00	753.00
60826	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 15-INCH	L.F.	1,391.00	1,391.00
60827	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 18-INCH	L.F.	238.00	238.00
60828	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 21-INCH	L.F.	220.00	220.00
60829	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 24-INCH	L.F.	3,595.00	3,595.00
60831	REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 30-INCH	L.F.	285.00	285.00
60850	REINFORCED CONCRETE PIPE, CLASS IV, STORM SEWER, 12-INCH	L.F.	57.00	57.00
61110	MANHOLES, TYPE 1	EACH	25.00	25.00
61112	MANHOLES, TYPE 3	EACH	1.00	1.00
61123	INLETS, TYPE 8	EACH	1.00	1.00
61128	RECONSTRUCTING MANHOLES	EACH	1.00	1.00
61152	MANHOLE COVERS, TYPE K	EACH	26.00	26.00
61161	INLET COVERS, TYPE A	EACH	57.00	57.00
61167	INLET COVERS, TYPE H	EACH	1.00	1.00
61170	INLET COVERS, TYPE MS	EACH	1.00	1.00
61182	ADJUSTING MANHOLE COVERS	EACH	6.00	6.00
61201	PIPE UNDERDRAIN, 6-INCH	L.F.	10,470.00	10,470.00
61211	PIPE UNDERDRAIN, UNPERFORATED, 6-INCH	L.F.	8.00	8.00
61310	METALLIC CONDUIT, 1-INCH	L.F.	45.00	45.00
61334	NONMETALLIC CONDUIT, 2-INCH	L.F.	6,915.00	6,915.00
61336	NONMETALLIC CONDUIT, 3-INCH	L.F.	445.00	445.00

SHEET 3.1

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	8010-13-71 QUANTITY
61347	CONDUIT, 3-INCH, SPECIAL	L.F.	80.00	80.00
61801	MAINTENANCE AND REPAIR OF HAUL ROADS	L.S.	1.00	1.00
61910	MOBILIZATION	L.S.	1.00	1.00
62112	LANDMARK REFERENCE MONUMENTS AND ALUMINUM COVERS	EACH	3.00	3.00
62301	CALCIUM CHLORIDE SURFACE TREATMENT	TON	58.00	58.00
62401	WATER	MGAL	20.00	20.00
62501	TOPSOIL	S.Y.	10,683.00	10,683.00
62702	MULCHING	S.Y.	2,500.00	2,500.00
62811	EROSION BALES, DELIVERED	EACH	50.00	50.00
62812	EROSION BALES, INSTALLED	EACH	50.00	50.00
62815	SILT FENCE, DELIVERED	L.F.	200.00	200.00
62816	SILT FENCE, INSTALLED	L.F.	200.00	200.00
62817	SILT FENCE MAINTENANCE	L.F.	200.00	200.00
62819	MOBILIZATIONS, EROSION CONTROL	EACH	2.00	2.00
62822	EROSION MAT, DELIVERED, CLASS 1, TYPE A	S.Y.	200.00	200.00
62823	EROSION MAT, INSTALLED, CLASS 1, TYPE A	S.Y.	200.00	200.00
62905	FERTILIZER, TYPE B	CWT.	6.70	6.70
63002	SEEDING	LB.	100.00	100.00
63003	SEEDING, TEMPORARY	LB.	100.00	100.00
63101	SOODING	S.Y.	10,683.00	10,683.00
63201	TREES, ASH, GREEN, MARSHALL SEEDLESS; 2-INCH CAL., B&B	EACH	25.00	25.00
63202	TREES, MAPLE, RED; 2-INCH CAL., B&B	EACH	31.00	31.00
63203	TREES, MOUNTAIN ASH; 2-INCH CAL., B&B	EACH	17.00	17.00
63204	TREES, HAWTHORN, DOWNY; 2-INCH CAL, B&B	EACH	15.00	15.00
63205	TREES, CRABAPPLE, THUNDERCLOUD; 2-INCH CAL, B&B	EACH	8.00	8.00
63208	TREES, SPRUCE, BLUE; EACH 6-FT. HT., B&B	EACH	4.00	4.00
63210	TREES, SPRUCE, BLUE; EACH 4-FT HT, B&B	EACH	3.00	3.00

SHEET 32

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	8010-13-71 QUANTITY
63403	WOOD POSTS, 4X4-INCH X 14-FT.	EACH	1.00	1.00
63404	WOOD POSTS, 4X4-INCH X 16-FT.	EACH	6.00	6.00
63702	SIGNS, TYPE 11, REFLECTIVE	S.F.	704.44	704.44
64005	POLES, TYPE 5, 30-FEET	EACH	6.00	6.00
64006	POLES, TYPE 5, 35-FEET	EACH	38.00	38.00
64072	CABLE-IN-DUCT, 4 CONDUCTOR, NO. 6	L.F.	4,345.00	4,345.00
64073	CABLE-IN-DUCT, 4 CONDUCTOR, NO. 4	L.F.	1,265.00	1,265.00
64075	ELECTRICAL WIRE, LIGHTING, NO. 12	L.F.	8,780.00	8,780.00
64076	ELECTRICAL WIRE, LIGHTING, NO. 10	L.F.	180.00	180.00
64078	ELECTRICAL WIRE, LIGHTING, NO. 6	L.F.	5,875.00	5,875.00
64079	ELECTRICAL WIRE, LIGHTING, NO. 4	L.F.	23,130.00	23,130.00
64080	ELECTRICAL WIRE, LIGHTING, NO. 2	L.F.	1,470.00	1,470.00
64202	FIELD OFFICE, TYPE B	L.S.	1.00	1.00
64210	FIELD LABORATORY	L.S.	1.00	1.00
64301	TRAFFIC CONTROL	L.S.	1.00	1.00
64313	TRAFFIC CONTROL, DRUMS	DAYS	51,544.00	51,544.00
64318	TRAFFIC CONTROL, BARRICADES, TYPE III	DAYS	12,680.00	12,680.00
64321	TRAFFIC CONTROL, WARNING LIGHTS, TYPE A	DAYS	5,232.00	5,232.00
64323	TRAFFIC CONTROL, WARNING LIGHTS, TYPE C	DAYS	4,704.00	4,704.00
64326	TRAFFIC CONTROL, SIGNS	DAYS	12,224.00	12,224.00
64406	PAVEMENT MARKING, EPOXY, 4-INCH	L.F.	12,125.00	12,125.00
64414	PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH	L.F.	273.00	273.00
64419	PAVEMENT MARKING, RAILROAD CROSSINGS, EPOXY	EACH	4.00	4.00
64437	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	L.F.	398.00	398.00
64458	PAVEMENT MARKING, CROSSWALK, EPOXY, 12-INCH	L.F.	4,393.00	4,393.00
64472	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	EACH	4.00	4.00

SHEET 3.3

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	8010-13-71 QUANTITY
64473	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 3	EACH	2.00	2.00
64479	PAVEMENT MARKING, WORDS, EPOXY	EACH	4.00	4.00
64481	TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE	L.F.	10,889.00	10,889.00
64484	TEMPORARY PAVEMENT MARKING	L.F.	11,521.00	11,521.00
64487	REMOVING PAVEMENT MARKINGS	L.F.	13,412.00	13,412.00
64493	PAVEMENT MARKING, CURB RAMP, EPOXY	L.F.	736.00	736.00
64503	GEOTEXTILE FABRIC, TYPE DF	S.Y.	6,985.00	6,985.00
64601	SAWING EXISTING PAVEMENT	L.F.	1,614.00	1,614.00
64602	SAWING CONCRETE PAVEMENT, FULL DEPTH	L.F.	5,386.00	5,386.00
65001	CONSTRUCTION STAKING, STORM SEWER	L.F.	6,464.00	6,464.00
65010	CONSTRUCTION STAKING, SUBGRADE	STA.	53.00	53.00
65020	CONSTRUCTION STAKING, CRUSHED AGGREGATE BASE COURSE	STA.	53.00	53.00
65030	CONSTRUCTION STAKING, CURB AND CURB AND GUTTER	L.F.	11,126.00	11,126.00
90001	REMOVING WOOD LIGHTING POLES	EACH	29.00	29.00
90002	REMOVING LUMINAIRES	EACH	29.00	29.00
90003	REMOVING MAST ARMS	EACH	29.00	29.00
90004	PETROLEUM CONTAMINATED GROUND WATER REMEDIATION	MGAL	1.00	1.00
90005	PETROLEUM CONTAMINATED SOIL REMEDATION	TON	2,555.00	2,555.00
90006	SELECT BORROW EXCAVATION, SPECIAL	TON	621.00	621.00
90007	CATCH BASIN, TYPE 3	EACH	57.00	57.00
90008	NONMETALLIC CONDUIT, SCHEDULE 80, 2-INCH	L.F.	75.00	75.00
90009	BLOCK AND GRAVEL MANHOLE AND INLET SEDIMENT FILTER	EACH	10.00	10.00
90010	STEEL POSTS, 7FT.	EACH	63.00	63.00
90011	STEEL POSTS, 8FT.	EACH	36.00	36.00
90012	POLES, SPECIAL, 38. 5-FT.	EACH	24.00	24.00
90013	CONCRETE BASES, TYPE 5, SPECIAL.	EACH	68.00	68.00

SHEET 34

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	8010-13-71 QUANTITY
90014	LUMINAIRES, SPECIAL, 150 WATTS, HPS	EACH	40.00	40.00
90015	LUMINAIRES, SPECIAL, 200 WATTS, HPS	EACH	28.00	28.00
90016	MAST ARMS, SINGLE MEMBER, SPECIAL, 4-FOOT.	EACH	56.00	56.00
90017	MAST ARMS, SINGLE MEMBER, SPECIAL, 8-FOOT.	EACH	11.00	11.00
90018	MAST ARMS, SINGLE MEMBER, SPECIAL, 12-FOOT.	EACH	1.00	1.00
90019	ELECTRICAL WIRE, LIGHTING, SPECIAL NO. 1/0	L.F.	1,295.00	1,295.00
90020	ELECTRICAL SERVICE, LIGHTING, METER, BREAKER PEDESTAL, 483+30 48' LT	L.S.	1.00	1.00
90021	ELECTRICAL SERVICE, LIGHTING, METER, BREAKER PEDESTAL, 501+81 65' RT	L.S.	1.00	1.00
90022	ELECTRICAL SERVICE, LIGHTING, METER, BREAKER PEDESTAL, 521+00 68' LT	L.S.	1.00	1.00
90023	ELECTRIC SERVICE, WARNING LIGHT, METER SOCKET	L.S.	1.00	1.00
90024	RELOCATED REDUCED SPEED WARNING LIGHT.	EACH	1.00	1.00
90025	LIGHTING CONTROL CABINETS	EACH	3.00	3.00
90026	CONSTRUCTION STAKING, CONCRETE BASES	EACH	71.00	71.00
90027	CONSTRUCTION STAKING, PULL BOXES	EACH	32.00	32.00
90028	LOWER WATER MAIN, 12-INCH	EACH	1.00	1.00
90029	LOWER WATER MAIN, 6-INCH	EACH	2.00	2.00
90030	CATCH BASIN, TYPE 1	EACH	1.00	1.00
90319	ABANDONING SEWER	C.Y.	1.00	1.00
90402	QUALITY MANAGEMENT PROGRAM, ASPHALTIC MIXTURE	TON	1,052.00	1,052.00
90782	CONCRETE CONTROL CABINET BASES, TYPE 6	EACH	3.00	3.00
90797	PULL BOXES, 24X36-1INCH	EACH	33.00	33.00
90905	POLYSTYRENE INSULATION BOARD, 2-INCH	S.F.	4,096.00	4,096.00
90999	ON-THE-JOB TRAINING	HRS.	800.00	800.00

SHEET 3.5