TABULATION OF LOW BID PRICES
AND COMPUTATION OF AVERAGE PRICES

MONTANA HIGHWAY DEPARTMENT
CALENDAR YEAR 1962

Item No.	Item Description	Unit	Quantity	Total Cost	Average Price
	Lump Sum Bid Items (excepting structure items)				
1	REPAIR PIERS NO 6,7 AND 8	L S	1	112500.00	
2	POST SPRSTRCTR SPANS 5,6,7,8	L S	1	5000.00	
1022	CLEARING AND GRUBBING	L S	9	276780.00	
1501	FURN & MAINT WATER PLANT	L S	5	11300.00	
7305	REVISE STRUCT & MAINT TRAFFIC	L S	1	4000.00	
8600	MODIFY CONDUIT SYSTEM	L S	1	400.00	
8601	CONDUIT SYSTEM	L S	1	700.00	
8703	LIGHTING INSTALLATION	L S	1	1600.00	
8831	STEEL OVERHEAD STRUCTURES	L S	4	20893.00	
9310	RESET MISCELLANEOUS ITEMS	L S	3	5500.00	
9410	MAINTAIN DETOUR	L S	1	3500.00	
9411	CONSTRUCT AND MAINTAIN DETOUR	L S	1	15000.00	
9443	WEIGH STATION	L S	1	14000.00	
9480	MISCELLANEOUS WORK	L S	4	3000.00	
9501	REMOVE STRUCTURE	L S	16	40600.00	
9503	REMOVE STRUCT & MAINT TRAFFIC	L S	2	17200.00	
9560	REMOVE MISCELLANEOUS ITEMS	L S	5	13400.00	
				$ 545373.00	
	Regular Items of Work (Major Structures not Included)				
1001	CLEARING	ACRE	181.50	93493.40	515.115
1011	GRUBBING	ACRE	127.88	39269.20	307.079
1021	CLEARING AND GRUBBING	ACRE	28.09	22585.00	804.023
1101	UNCLASS EXCAVATION	CU YD	24068242	8608414.57	.358
1102	STREET EXCAVATION	CU YD	55766	57010.10	1.022
1103	TRENCH EXCAVATION	CU YD	22040	68233.49	3.096
1104	UNCLASS BORROW EXCAVATION	CU YD	4170416	1291278.40	.310
1105	UNCLASS CHANNEL EXCAVATION	CU YD	98537	39147.30	.397
1161	CULVERT EXCAVATION	CU YD	107307	233569.55	2.177
1185	EMBANKMENT IN PLACE	CU YD	3222734	1431778.62	.444
1202	OVERHAUL UNCLASS EXCAVATION	MI YD	5723856	891759.25	.156
1211	OVERHAUL STREET EXCAVATION	MI YD	1421	284.20	.200
1213	OVERHAUL UNCLASS BORROW	MI YD	5312708	404069.92	.076
1358	HAUL BINDER	MI YD	28668	3008.24	.105
1403	ROLL SUBGRADE	UNIT	40913	323318.00	7.903
1404	ROLL SURFACE COURSES	UNIT	28676	238128.60	8.304
1410	ROLLING	UNIT	54764	407205.00	7.436
1450	MECHANICAL TAMPING	HOUR	200	2200.00	11.000
1503	WATER SUBGRADE	M GAL	391884	402911.49	1.028
1504	WATER SURFACE COURSES	M GAL	139713	235833.00	1.688
1510	WATERING	M GAL	350372	424692.80	1.212
1601	USE OF MOTOR GRADER	HOUR	444	5194.00	11.698
1602	USE OF DOZER	HOUR	198	3488.00	17.616
1604	USE OF SCRAPER	HOUR	40	700.00	17.500
1610	PROCESS BASE COURSE	MILE	5.83	8749.50	1500.772
1611	PROCESS TOP COURSE	MILE	5.83	8749.50	1500.772
1633	TRAFFIC PROVISIONS-SCHED 3	HOUR	723	5163.23	7.141
1634	TRAFFIC PROVISIONS-SCHED 4	MILE	182.45	38038.00	208.485
1642	OBLITERATE ROADWAY	STA	107.23	5509.80	51.383
1710	SEEDING	POUND	10187	25077.52	2.462
1715	FERTILIZER	TON	18.72	3182.40	170.000
1716	CONDITION SEEDBED SURFACE	HOUR	723	8230.34	11.384
1723	VEGETATIVE MULCH	TON	103.40	9306.00	90.000
1727	SS-1 EMULSIFIED ASPHALT	GAL	13803	2898.63	.210
2111	4 IN SELECT SURFACING	CU YD	2880	2419.20	.840
2120	SPECIAL SELECT SURFACING	TON	409653	155668.14	.380
2121	4 IN SELECT SURFACING	TON	6970	5227.50	.750
2122	3 IN SELECT SURFACING	TON	72860	51002.00	.700
2151	1.5 IN SAND SURFACING	CU YD	13471	12326.20	.915
2161	1.5 IN SAND SURFACING	TON	19	95.00	5.000
2231	PORTLAND CEMENT	BBL	37799	202642.25	5.361
2233	PROCESS 0.40 FT CEM STAB BASE	SQ YD	27913	9769.55	.350
2234	PROCESS 0.50 FT CEM STAB BASE	SQ YD	399820	83159.54	.208
2235	PROCESS 0.60 FT CEM STAB BASE	SQ YD	167076	44828.20	.268
2240	MINERAL AGGREGATE	CU YD	77352	102038.76	1.319
2241	MINERAL AGGREGATE	TON	139510	148382.28	1.064
2246	BLOTTER MATERIAL	TON	4463	10564.70	2.367
2313	2 IN TYPE A BASE SURFACING	CU YD	5105	5666.55	1.110
2315	1 IN TYPE A BASE SURFACING	CU YD	41989	69701.74	1.660

2331	3 IN TYPE A BASE SURFACING	TON	4016920	2747781.05	.684
2333	2 IN TYPE A BASE SURFACING	TON	489076	382100.55	.781
2334	1.5 IN TYPE A BASE SURFACING	TON	3455567	2901294.14	.840
2335	1 IN TYPE A BASE SURFACING	TON	314681	267605.83	.850
2344	1.5 IN TYPE B BASE SURFACING	TON	28344	32595.60	1.150
2503	5/8 IN TYPE A TOP SURFACING	CU YD	1700	4250.00	2.500
2512	3/4 IN TYPE A TOP SURFACING	TON	789968	926235.52	1.172
2513	5/8 IN TYPE A TOP SURFACING	TON	26572	21523.32	.810
2533	3/4 IN TYPE B TOP SURFACING	TON	55343	59496.45	1.075
2620	MINERAL FILLER	TON	21199.78	468485.20	22.099
2650	BINDER	CU YD	13913	5724.82	.411
2660	BINDER	TON	421	282.00	.670
2681	HYDRATED LIME	TON	635	20955.00	33.000
2718	1/2 IN COVER MATERIAL	TON	334	3340.00	10.000
2719	3/8 IN COVER MATERIAL	TON	17073	106609.94	6.244
2894	STKPL 3/8 IN COVER MATERIAL	TON	32990	103891.85	3.149
3027	RC-250 LIQUID ASPHALT	GAL	65779	12315.39	.187
3037	MC-250 LIQUID ASPHALT	GAL	10000	2000.00	.200
3055	SS-1 EMULSIFIED ASPHALT	GAL	283146	52158.67	.184
3113	85-100 ASPHALT CEMENT	TON	568.07	15905.96	28.000
3114	100-120 ASPHALT CEMENT	TON	81121.87	2109968.83	26.010
3115	120-150 ASPHALT CEMENT	TON	1059.38	30040.14	28.356
3121	RC-1 CUTBACK ASPHALT	TON	1800.71	58234.71	32.340
3122	RC-2 CUTBACK ASPHALT	TON	99.01	3570.17	36.059
3126	RC-70 LIQUID ASPHALT	TON	1892.22	72972.27	38.564
3127	RC-250 LIQUID ASPHALT	TON	130.93	6360.28	48.578
3131	MC-1 CUTBACK ASPHALT	TON	4143.29	155772.59	37.596
3133	MC-3 CUTBACK ASPHALT	TON	190.92	6880.44	36.038
3136	MC-70 LIQUID ASPHALT	TON	4407.92	179320.46	40.681
3137	MC-250 LIQUID ASPHALT	TON	2204.68	88187.20	40.000
3153	RS-2C CATIONIC EMUL ASPHALT	TON	6032.08	257381.79	42.669
3433	PROCESS 28FT X 0.20FT BIT MAT	MILE	.44	472.62	1074.136
3483	PROCESS 0.20FT BITUM MAT	SQ YD	611	305.50	.500
3487	PROCESS 0.20FT BITUM MAT	MILE	.69	1720.00	2492.754
3488	PROCESS 0.25FT BITUM MAT	MILE	9.75	9749.00	999.897
3521	TYPE 2 PLANT MIX BITUM SURF	TON	287310	851403.23	2.963
3531	TYPE 3 PLANT MIX BITUM SURF	TON	1091062	3593033.36	3.293
3632	APPLY 3/8 IN COVER MATERIAL	TON	43885	89869.05	2.048
3908	8 IN PC CONCRETE PAVEMENT	SQ YD	123911	681599.92	5.501
3917	7 IN REIN PC CONCRETE PAVEMENT	SQ YD	149	1192.00	8.000
4510	STRUCTURE EXCAVATION	CU YD	385	1347.50	3.500
4610	CLASS A CONCRETE	CU YD	4	240.00	60.000
4612	CLASS AD CONCRETE	CU YD	650.68	75382.43	115.852
4618	CLASS DD CONCRETE	CU YD	40.60	4829.00	118.941
4710	REINFORCING STEEL	POUND	51140	10272.04	.201
5215	FURNISH STEEL BEARING PILES	POUND	7524	1881.00	.250
5216	DRIVE STEEL BEARING PILES	L FT	104	832.00	8.000
5312	STEEL BRIDGE RAIL	L FT	18.92	283.80	15.000
5314	PIPE RAIL	L FT	83.11	831.10	10.000
5710	HAND-LAID RIPRAP	CU YD	894.20	14895.00	16.657
5720	TYPE A RANDOM RIPRAP	CU YD	18227.20	89344.95	4.902
5722	TYPE B RANDOM RIPRAP	CU YD	92489.40	414368.90	4.480
5730	GROUTED RIPRAP	SQ YD	503	7545.00	15.000
6120	RELAY PIPE CULVERTS	L FT	6034	14943.00	2.476
6210	BACKFILL MATERIAL	CU YD	20015	59218.00	2.959
6220	GRADE 1 BACKFILL MATERIAL	CU YD	635	2967.00	4.672
6306	6IN CMP CULVERT-16 G	L FT	90	225.00	2.500
6308	8IN CMP CULVERT-16 G	L FT	188	633.00	3.367
6309	8IN CMP CULVERT-IRR-16 G	L FT	106	381.60	3.600
6312	12IN CMP CULVERT-16 G	L FT	204	1370.40	6.718
6313	12IN CMP CULVERT-IRR-16 G	L FT	30	195.00	6.500
6315	15IN CMP CULVERT-16 G	L FT	5166	22640.54	4.383
6316	15IN CMP CULVERT-IRR-16 G	L FT	162	962.00	5.938
6318	18IN CMP CULVERT-16 G	L FT	8348	46411.00	5.560
63181	18IN CMP CULV-16G-TYP A BITUM	L FT	744	3534.00	4.750
6319	18IN CMP CULVERT-IRR-16 G	L FT	556	4689.40	8.434
6324	24IN CMP CULVERT-16 G	L FT	25765	184610.78	7.165
63241	24IN CMP CULV-16G-TYP A BITUM	L FT	911	6832.50	7.500
6325	24IN CMP CULVERT-IRR-16 G	L FT	3662	42394.00	11.577
6326	24IN CMP CULVERT-14 G	L FT	10102	86201.90	8.533
63261	24IN CMP CULV-14G-TYP A BITUM	L FT	2278	39945.00	17.535
6327	24IN CMP CULVERT-IRR-14 G	L FT	428	5452.00	12.738
6328	24IN CMP CULVERT-12 G	L FT	514	5509.00	10.718
63281	24IN CMP CULV-12G-TYP A BITUM	L FT	646	6298.50	9.750
6330	30IN CMP CULVERT-14 G	L FT	2776	26260.64	9.460
63301	30IN CMP CULV-14G-TYP A BITUM	L FT	60	660.00	11.000
6331	30IN CMP CULVERT-IRR-14 G	L FT	588	7880.20	13.402
6332	30IN CMP CULVERT-12 G	L FT	436	4647.76	10.660
63321	30IN CMP CULV-12G-TYP A BITUM	L FT	194	2328.00	12.000
6336	36IN CMP CULVERT-12 G	L FT	2616	37468.86	14.323

63361	36IN CMP CULV-12G-TYP A BITUM	L FT	292	4234.00	14.500
6337	36IN CMP CULVERT-IRR-12 G	L FT	330	6794.00	20.588
6338	36IN CMP CULVERT-10 G	L FT	1376	24024.00	18.118
63381	36IN CMP CULV-10G-TYP A BITUM	L FT	710	12425.00	17.500
6340	36IN CMP CULVERT-8 G	L FT	150	3150.00	21.000
63401	36IN CMP CULV-8G-TYP A BITUM	L FT	768	14976.00	19.500
6342	42IN CMP CULVERT-12 G	L FT	132	2160.84	16.370
6343	42IN CMP CULVERT-IRR-12 G	L FT	24	624.00	26.000
6346	42IN CMP CULVERT-8 G	L FT	494	11225.00	22.723
63461	42IN CMP CULV-8G-TYP A BITUM	L FT	216	4968.00	23.000
6348	48IN CMP CULVERT-12 G	L FT	2372	42744.80	18.021
63481	48IN CMP CULV-12G-TYP A BITUM	L FT	128	2368.00	18.500
6350	48IN CMP CULVERT-10 G	L FT	730	16146.00	22.118
63501	48IN CMP CULV-10G-TYP A BITUM	L FT	466	15166.00	32.545
6352	48IN CMP CULVERT-8 G	L FT	734	17616.00	24.000
6354	54IN CMP CULVERT-12 G	L FT	88	2068.88	23.510
6356	54IN CMP CULVERT-10 G	L FT	332	8632.00	26.000
6360	60IN CMP CULVERT-10 G	L FT	894	27186.08	30.409
63601	60IN CMP CULV-10G-TYP A BITUM	L FT	238	7140.00	30.000
63621	60IN CMP CULV-8G-TYP A BITUM	L FT	218	7303.00	33.500
6366	66IN CMP CULVERT-10 G	L FT	110	4075.50	37.050
6372	72IN CMP CULVERT-10 G	L FT	482	17328.96	35.952
6374	72IN CMP CULVERT-8 G	L FT	256	10750.00	41.992
6384	84IN CMP CULVERT-8 G	L FT	84	3855.60	45.900
6392	36IN CMP CULVERT-14 G	L FT	2620	31206.80	11.911
6393	36IN CMP CULVERT-IRR-14G	L FT	610	9293.00	15.234
6418	18IN CMP ARCH CULV-16 G	L FT	84	386.40	4.600
6422	22IN CMP ARCH CULV-16 G	L FT	78	409.00	5.244
6423	22IN CMP ARCH CULV-IRR-16 G	L FT	306	3060.00	10.000
6429	29IN CMP ARCH CULV-16 G	L FT	40	400.00	10.000
6430	29IN CMP ARCH CULV-IRR-16 G	L FT	148	1887.00	12.750
6432	29IN CMP ARCH CULV-IRR-14 G	L FT	436	6420.00	14.725
6436	36IN CMP ARCH CULV-14 G	L FT	152	1368.00	9.000
6437	36IN CMP ARCH CULV-IRR-14 G	L FT	336	5040.00	15.000
6443	43IN CMP ARCH CULV-12 G	L FT	426	6650.00	15.610
6444	43IN CMP ARCH CULV-IRR-12 G	L FT	982	19956.00	20.322
6458	58IN CMP ARCH CULV-12 G	L FT	80	1360.00	17.000
6459	58IN CMP ARCH CULV-IRR-12 G	L FT	130	2860.00	22.000
6465	65IN CMP ARCH CULV-12 G	L FT	686	15250.00	22.230
6466	65IN CMP ARCH CULV-IRR-12 G	L FT	72	2268.00	31.500
6467	65IN CMP ARCH CULV-10 G	L FT	346	9463.38	27.351
6472	72IN CMP ARCH CULV-10 G	L FT	260	8550.08	32.885
6500	SP STOCKPASS-DESIGN A	L FT	162	11664.00	72.000
6501	SP STOCKPASS-DESIGN B	L FT	322	24980.00	77.578
6504	102IN SPP CULVERT-12 G	L FT	500	28000.00	56.000
6507	108IN SPP CULVERT-12 G	L FT	386	21094.00	54.648
65124	108IN SPP CULV-1G-TYP D BITUM	L FT	104	12688.00	122.000
6520	120IN SPP CULVERT-10 G	L FT	388	28364.00	73.103
6524	120IN SPP CULVERT-5 G	L FT	308	25514.72	82.840
6532	132IN SPP CULVERT-10 G	L FT	98	6370.00	65.000
6533	132IN SPP CULVERT-8 G	L FT	114	11981.40	105.100
6544	144IN SPP CULVERT-10 G	L FT	258	22891.04	88.725
6545	144IN SPP CULVERT-8 G	L FT	348	33060.00	95.000
6557	156IN SPP CULVERT-8 G	L FT	146	17374.00	119.000
6562	60IN SPP CULVERT-12G	L FT	150	7500.00	50.000
6563	180IN SPP CULVERT-8 G	L FT	166	19920.00	120.000
6572	72IN SPP CULVERT-10 G	L FT	734	36700.00	50.000
6574	72IN SPP CULVERT-12 G	L FT	760	31798.66	41.840
6580	180IN SPP CULVERT-8 G	L FT	240	31680.00	132.000
6584	84IN SPP CULVERT-10 G	L FT	414	22770.00	55.000
65844	84IN SPP CULV-10G TYP D BITUM	L FT	752	48760.00	64.840
6585	84IN SPP CULVERT-8 G	L FT	284	14293.72	50.330
6586	84IN SPP CULVERT-12 G	L FT	1088	50546.80	46.458
65864	84IN SPP CULV-12G-TYP D BITUM	L FT	156	9360.00	60.000
6590	90IN SPP CULVERT-10 G	L FT	16	960.00	60.000
6595	96IN SPP CULVERT-12 G	L FT	536	27747.10	51.767
65954	96IN SPP CULV-12G-TYP D BITUM	L FT	316	28440.00	90.000
6596	96IN SPP CULVERT-10 G	L FT	136	7480.00	55.000
6605	6-9 SPP ARCH CULVERT-12 G	L FT	240	13200.00	55.000
6614	7-11 SPP ARCH CULVERT-10 G	L FT	154	8988.00	58.364
6616	8-7 SPP ARCH CULVERT-10 G	L FT	500	33325.20	66.650
6617	8-7 SPP ARCH CULVERT-8 G	L FT	146	9490.00	65.000
6621	9-4 SPP ARCH CULVERT-10 G	L FT	92	6900.00	75.000
6627	9-9 SPP ARCH CULVERT-10 G	L FT	240	14810.00	61.070
6631	10-3 SPP ARCH CULVERT-10 G	L FT	108	8281.44	76.680
6636	10-11 SPP ARCH CULVERT-8 G	L FT	244	19520.00	80.000
6639	11-5 SPP ARCH CULVERT-10 G	L FT	204	15300.00	75.000
66394	11-5 SPP ARCH-10G-TYP D BITUM	L FT	210	25200.00	120.000
6640	11-5 SPP ARCH CULVERT-8 G	L FT	94	7238.00	77.000
6665	14-0 SPP ARCH CULVERT-12 G	L FT	268	26800.00	100.000

6674	15-4 SPP ARCH CULVERT-12 G	L FT	188	13724.00	73.000
6675	15-4 SPP ARCH CULVERT-10 G	L FT	288	28800.00	100.000
6775	VEHICULR UNDERPASS-DES 180-10G	L FT	294	30329.90	103.163
6776	VEHICULR UNDERPASS-DES 180-8G	L FT	218	27250.00	125.000
6778	VEHICULR UNDERPASS-DES 192-10G	L FT	144	17280.00	120.000
6781	VEHICULR UNDERPASS-DES 210-10G	L FT	134	16750.00	125.000
68120	12IN RCP CULVERT-IRR-CL 5	L FT	330	1980.00	6.000
68123	12IN RCP CULVERT-CL 3	L FT	3232	13384.80	4.141
68124	12IN RCP CULVERT-CL 4	L FT	660	2970.00	4.500
68128	12IN RCP CULVERT-IRR-CL 3	L FT	4468	19013.44	4.255
68153	15IN RCP CULVERT-CL 3	L FT	6694	36458.00	5.446
68154	15IN RCP CULVERT-CL 4	L FT	80	480.00	6.000
68155	15IN RCP CULVERT-CL 5	L FT	40	240.00	6.000
68158	15IN RCP CULVERT-IRR-CL 3	L FT	36	216.00	6.000
68183	18IN RCP CULVERT-CL 3	L FT	14666	93263.32	6.359
68184	18IN RCP CULVERT-CL 4	L FT	268	2412.00	9.000
68187	18IN RCP CULVERT-IRR-CL 2	L FT	1180	6277.60	5.320
68188	18IN RCP CULVERT-IRR-CL 3	L FT	1050	8405.50	8.005
68180	18IN RCP CULVERT-IRR-CL 5	L FT	154	1386.00	9.000
68217	21IN RCP CULVERT-IRR-CL 2	L FT	560	3544.80	6.330
68243	24IN RCP CULVERT-CL 3	L FT	36801	344049.30	9.349
68244	24IN RCP CULVERT-CL 4	L FT	3720	38013.90	10.219
68245	24IN RCP CULVERT-CL 5	L FT	4004	46397.00	11.588
68248	24IN RCP CULVERT-IRR-CL 3	L FT	3448	39170.00	11.360
68240	24IN RCP CULVERT-IRR-CL 5	L FT	138	1932.00	14.000
68277	27IN RCP CULVERT-IRR-CL 2	L FT	504	4510.80	8.950
68303	30IN RCP CULVERT-CL 3	L FT	1732	20234.20	11.683
68304	30IN RCP CULVERT-CL 4	L FT	206	3090.00	15.000
68305	30IN RCP CULVERT-CL 5	L FT	180	2700.00	15.000
68308	30IN RCP CULVERT-IRR-CL 3	L FT	260	4264.00	16.400
68363	36IN RCP CULVERT-CL 3	L FT	3434	57690.60	16.800
68364	36IN RCP CULVERT-CL 4	L FT	692	12693.00	18.342
68365	36IN RCP CULVERT-CL 5	L FT	700	15498.00	22.140
68367	36IN RCP CULVERT-IRR-CL 2	L FT	3152	44128.00	14.000
68368	36IN RCP CULVERT-IRR-CL 3	L FT	1212	23306.00	19.229
68360	36IN RCP CULVERT-IRR-CL 5	L FT	204	5559.00	27.250
68423	42IN RCP CULVERT-CL 3	L FT	116	2540.00	21.897
68424	42IN RCP CULVERT-CL 4	L FT	248	5952.00	24.000
68425	42IN RCP CULVERT-CL 5	L FT	178	5340.00	30.000
68427	42IN RCP CULVERT-IRR-CL 2	L FT	1602	28035.00	17.500
68483	48IN RCP CULVERT-CL 3	L FT	2012	54500.40	27.088
68484	48IN RCP CULVERT-CL 4	L FT	340	10388.00	30.553
68485	48IN RCP CULVERT-CL 5	L FT	542	18450.00	34.041
68488	48IN RCP CULVERT-IRR-CL 3	L FT	688	22504.00	32.709
68543	54IN RCP CULVERT-CL 3	L FT	80	2400.00	30.000
68603	60IN RCP CULVERT-CL 3	L FT	394	15556.00	39.482
68604	60IN RCP CULVERT-CL 4	L FT	236	9278.00	39.314
68605	60IN RCP CULVERT-CL 5	L FT	640	34276.00	53.556
68665	66IN RCP CULVERT-CL 5	L FT	228	12540.00	55.000
68723	72IN RCP CULVERT-CL 3	L FT	898	48261.20	53.743
68725	72IN RCP CULVERT-CL 5	L FT	150	10350.00	69.000
68843	84IN RCP CULVERT-CL 3	L FT	180	13140.00	73.000
69153	106IN OVAL RCP-CL 3	L FT	192	13440.00	70.000
6924	29IN RCP ARCH CULVERT	L FT	142	1558.20	10.973
6930	36IN RCP ARCH CULVERT	L FT	288	5256.00	18.250
69308	36IN RCP ARCH CULV-IRR	L FT	74	1332.00	18.000
6936	44IN RCP ARCH CULVERT	L FT	848	17216.00	20.302
69368	44IN RCP ARCH CULV-IRR	L FT	92	2300.00	25.000
6942	51IN RCP ARCH CULVERT	L FT	372	10416.00	28.000
6954	65IN RCP ARCH CULVERT	L FT	432	15120.00	35.000
6960	74IN RCP ARCH CULVERT	L FT	674	29784.00	44.190
69608	74IN RCP ARCH CULV-IRR	L FT	312	15728.00	50.410
6972	88IN RCP ARCH CULVERT	L FT	860	51152.00	59.479
70011	8IN CMP UNDERDRAIN-TYPE 1	L FT	698	2094.00	3.000
70014	8IN CMP UNDERDRAIN-TYPE 4	L FT	180	720.00	4.000
70024	15IN CMP UNDERDRAIN-TYPE 4	L FT	326	2536.60	7.781
70031	6IN CMP UNDERDRAIN-TYPE 1	L FT	2208	4416.00	2.000
70032	6IN CMP UNDERDRAIN-TYPE 2	L FT	584	1168.00	2.000
70034	6IN CMP UNDERDRAIN-TYPE 4	L FT	20	100.00	5.000
70041	4IN CLAY DRAIN TILE-CL 1	L FT	88	594.00	6.750
70051	6IN CLAY DRAIN TILE-CL 1	L FT	56	588.00	10.500
70061	8IN CLAY DRAIN TILE-CL 1	L FT	22	297.00	13.500
70072	6IN CONCRETE SEWER PIPE-CL 2	L FT	534	2937.00	5.500
7008	8IN CONCRETE SEWER PIPE	L FT	46	184.00	4.000
7101	BENTONITE	TON	43	2150.00	50.000
7102	CLAY DITCH LINING	CU YD	6643	17205.00	2.590
7160	15IN METAL HEADGATE	EACH	2	172.00	86.000
7161	18IN METAL HEADGATE	EACH	7	370.00	52.857
7162	24IN METAL HEADGATE	EACH	3	120.00	40.000
7170	WOOD DIVISION BOX	MBM	7.21	3159.90	438.266

7172	30IN METAL FLAP GATE	EACH	1	200.00	200.000
7180	18 IN METAL TURNOUT GATE	EACH	2	120.00	60.000
7402	CONCRETE CURB	L FT	525.60	1308.00	2.489
7404	CONCRETE CURB AND GUTTER	L FT	48324.20	119074.38	2.464
7406	CONCRETE MEDIAN CURB-TYPE A	L FT	21744.10	41332.73	1.901
7411	CONCRETE MEDIAN CURB	L FT	126	252.00	2.000
7416	CONCRETE CUT OFF CURB	L FT	681	1089.60	1.600
7418	CONCRETE GUTTER	L FT	2930.80	5363.36	1.830
7420	BITUMINOUS CURB	L FT	3427.20	1713.60	.500
7454	4IN CONCRETE SIDEWALK	SQ YD	8019	37788.31	4.712
7456	6IN CONCRETE SIDEWALK	SQ YD	48	279.68	5.827
7458	6IN CONCRETE VALLEY GUTTER	SQ YD	132	1584.00	12.000
7465	HEADWALLS FOR PIPE CULVERTS	CU YD	28.61	7152.50	250.000
7467	CONC SUPPORTS FOR PIPE CULV	CU YD	5.44	588.00	108.088
7468	CONCRETE CUTOFF WALLS	CU YD	272.54	38756.75	142.206
7530	TYPE 1 MANHOLE	EACH	25	10455.00	418.200
7533	TYPE 3 MANHOLE-54 IN	EACH	9	3339.00	371.000
7534	TYPE 3 MANHOLE-60 IN	EACH	2	910.00	455.000
7536	TYPE 3 MANHOLE-72 IN	EACH	1	500.00	500.000
7550	STANDARD DROP INLET	EACH	44	10126.00	230.136
7551	STANDARD DOUBLE DROP INLET	EACH	3	1348.50	449.500
7552	DROP INLET	EACH	66	11340.00	171.818
7571	TYPE A MEDIAN INLET COVER	EACH	31	2745.00	88.548
7573	TYPE C MEDIAN INLET COVER	EACH	66	8235.00	124.773
7590	DRAINAGE OUTLET STRUCTURE	EACH	1	400.00	400.000
7610	METAL RETAINING WALL	SQ FT	1786	12502.00	7.000
7901	USE OF DOZER	HOUR	80	960.00	12.000
7904	TYPE F3W FARM FENCE	ROD	384	1021.44	2.660
7906	TYPE F4W FARM FENCE	ROD	1693	5909.36	3.490
7920	TEMPORARY FENCING	ROD	300	850.00	2.833
7941	TYPE G-2 WIRE GATE	L FT	288	648.00	2.250
7945	REMOVE FENCE	ROD	300	370.00	1.233
7946	MOVE AND RESET FENCE	ROD	4088	5314.40	1.300
7988	FENCE PANEL	EACH	88	1610.00	18.295
7994	NEW WOOD POSTS	EACH	100	50.00	.500
7995	NEW BARBED WIRE	SPOOL	10	90.00	9.000
8001	USE OF DOZER	HOUR	128	2357.50	18.418
8005	6FT TYPE 1 CHAIN LINK FENCE	L FT	19375	47286.04	2.441
8013	6FT TYPE 2 CHAIN LINK FENCE	L FT	3790	9285.50	2.450
8014	5FT TYPE 2 CHAIN LINK FENCE	L FT	470	1880.00	4.000
8021	6FT TYPE 3 CHAIN LINK FENCE	L FT	5510.	13775.00	2.500
8030	5FT 6IN TYPE 1 GATE	L FT	52	517.92	9.960
8036	4FT 6IN TYPE 2 GATE	L FT	20.	120.00	6.000
8050	SINGLE TYPE 1 PANEL	EACH	44	944.04	21.455
8051	DOUBLE TYPE 1 PANEL	EACH	71.	1935.87	27.266
8054	SINGLE TYPE 2 PANEL	EACH	5.	200.00	40.000
8055	DOUBLE TYPE 2 PANEL	EACH	18.	918.00	51.000
8058	SINGLE TYPE 3 PANEL	EACH	2.	40.00	20.000
8059	DOUBLE TYPE 3 PANEL	EACH	22.	594.00	27.000
8071	TYPE 1 MEDIAN FENCE	L FT	9.	63.00	7.000
8101	USE OF DOZER	HOUR	438.50	6893.50	15.721
8110	TYPE CW WIRE FENCE	ROD	18262	104075.57	5.699
8111	TYPE CM WIRE FENCE	ROD	18222	98419.65	5.401
8115	TYPE CB4M WIRE FENCE	ROD	7467	24641.10	3.300
8120	DEADMEN	EACH	5858	27970.28	4.775
8125	SINGLE CW FENCE PANEL	EACH	202	3796.36	18.794
8126	DOUBLE CW FENCE PANEL	EACH	902	20479.65	22.705
8130	SINGLE CM FENCE PANEL	EACH	362	7532.00	20.807
8131	DOUBLE CM FENCE PANEL	EACH	1056	33783.00	31.[illegible]
8142	METAL GATE	L FT	72	288.00	4.000
8146	MOVE AND RESET FENCE	ROD	21	84.00	4.000
8212	12 FT CATTLE GUARD	EACH	1	750.00	750.000
8221	INSTALL 20FT CATTLE GUARDS	EACH	2	1500.00	750.000
8224	24 FT CATTLE GUARD	EACH	54	1180.00	[illegible]
8225	INSTALL 24 FT CATTLE GUARDS	L FT	2	1400.00	700.000
86054	BITUM FIBRE DUCT-TP 2-4 IN	L FT	110	382.80	3.480
8625	1 IN STEEL CONDUIT	L FT	515	721.25	1.400
8626	1.5 IN STEEL CONDUIT	L FT	11	278.50	[illegible]
8627	2 IN STEEL CONDUIT	L FT	515	875.50	1.700
8641	TYPE 2 CONCRETE PULL BOX	EACH	10	500.40	50.040
8709	WIRE CONDUCTOR 2 AWG 14 600 V	L FT	300	87.00	.290
8710	WIRE CONDUCTOR 12 AWG 14 600 V	L FT	400	260.00	.650
8711	WIRE CONDUCTOR AWG 14 600 V	L FT	21000	945.00	.045
8712	WIRE CONDUCTOR AWG 12 600 V	L FT	4500	247.50	.055
8713	WIRE CONDUCTOR AWG 10 600 V	L FT	2000	150.00	.075
8735	LUMINAIRE ASSEMBLY	EACH	10	1150.00	115.000
8736	ANCHOR ASSEMBLY NO 2	EACH	3	165.00	55.000
8737	LUMINAIRE BRACKET	EACH	4	200.00	50.000
87381	TYPE A ELECTR SERV ASSEMBLY	EACH	4	400.00	100.000
8741	TYPE 1 SIGNAL STANDARD	EACH	6	750.00	125.000

8743	TYPE 3 SIGNAL STANDARD	EACH	8	2480.00	310.000
8745	CONTROL CABINET PEDESTAL	EACH	3	300.00	100.000
87511	TRAFFIC SIGNAL-3 COLOR-1 WAY	EACH	34	3570.00	105.000
87521	TRAFFIC SIGNAL-4 COLOR-1 WAY	EACH	1	135.00	135.000
87551	TYPE 1 PEDESTRIAN SIGNAL	EACH	16	2400.00	150.000
87612	TYPE 2 TRAFFIC-ACTUATE CONTRLR	EACH	1	2100.00	2100.000
87615	TYPE 5 TRAFFIC-ACTUATE CONTRLR	EACH	3	3450.00	1150.000
87651	MAGNET DETECTOR-NON-DIRECTION	EACH	12	960.00	80.000
87652	MAGNETIC DETECTOR-DIRECTIONAL	EACH	2	1000.00	500.000
8770	PEDESTRIAN PUSH BUTTON	EACH	16	448.00	28.000
8773	PEDESTRIAN INTERVAL TIMER	EACH	5	1000.00	200.000
8774	MAGNETIC DETECTOR RELAY UNIT	EACH	6	900.00	150.000
8775	BALLAST FOR MERCURY-VAPOR LAMP	EACH	10	810.00	81.000
8802	BARRICADES	L FT	228	1920.00	8.421
8810	SHEET ALUMINUM SIGNS	SQ FT	8912.50	36534.11	4.099
8811	EXTRUDED ALUMINUM SIGNS	SQ FT	16893.20	112053.95	6.633
8812	PLYWOOD SIGNS	SQ FT	291.70	2567.30	8.801
8816	STEEL STRUCTURAL SIGN POSTS	POUND	151590	72418.00	.478
8817	STEEL U SIGN POSTS	POUND	2524	1584.32	.628
8820	TUBULAR STEEL POSTS	POUND	8471.90	4093.60	.483
8821	TREATED TIMBER POSTS	MBM	29.76	11770.40	395.511
88252	TREATED TIMBER POLES-CLASS 2	L FT	70	315.00	4.500
88254	TREATED TIMBER POLES-CLASS 4	L FT	60	240.00	4.000
88255	TREATED TIMBER POLES-CLASS 5	L FT	263.50	454.23	1.724
88256	TREATED TIMBER POLES-CLASS 6	L FT	183.60	304.78	1.660
8833	CHANGEABLE COPY SIGNS	EACH	2	1690.00	845.000
8895	RR CROSSING PROTECTIVE SIGNS	EACH	16	2600.00	162.500
8896	ADVANCE WARNING SIGNS	EACH	15	1880.00	125.333
9015	STEEL GUARD RAIL-SQ WD POST	L FT	73800	189275.63	2.565
9016	STEEL GUARD RAIL-CONC POST	L FT	103325	261964.50	2.535
9024	STEEL MEDIAN RAIL-CONC POST	L FT	21087.50	84350.00	4.000
9030	ALUM GUARD RAIL-SQ WD POST	L FT	13800	38640.00	2.800
9031	ALUM GUARD RAIL-CONC POST	L FT	9562.50	26296.88	2.750
9042	CONCRETE GUIDE POSTS	EACH	79	1135.00	14.367
9046	DESIGN A GUIDE POSTS	EACH	4769	19956.34	4.185
9047	DESIGN B GUIDE POSTS	EACH	1396	6725.39	4.818
9048	DESIGN C GUIDE POSTS	EACH	41	224.80	5.483
9049	DESIGN D GUIDE POSTS	EACH	108	719.60	6.663
9050	DESIGN E GUIDE POSTS	EACH	63	502.30	7.973
9073	RAISED TRAFFIC BARS	L FT	96	384.00	4.000
9110	PROJECT MARKER	EACH	103	2850.00	27.670
9120	STATION MARKER	EACH	869	8460.50	9.736
9130	RIGHT-OF-WAY MONUMENT	EACH	4462	35000.66	7.844
9205	ADJUST MANHOLES	EACH	43	2765.00	64.302
9215	ADJUST DROP INLETS	EACH	7	350.00	50.000
9220	ADJUST VALVE BOXES	EACH	52	1750.00	33.654
9245	ADJUST MONUMENT BOX	EACH	7	210.00	30.000
9304	RESET FIRE HYDRANT	EACH	20	4000.00	200.000
9306	RESET R-O-W MONUMENT	EACH	32	247.00	7.719
9307	RESET PROJECT MARKER	EACH	1	20.00	20.000
9309	RESET GUARD RAIL	L FT	887.50	1775.00	2.000
9311	RESET DROP INLETS	EACH	6	580.00	96.667
9313	RESET CURB	L FT	1176	1176.00	1.000
9314	RESET WATER VALVE BOXES	EACH	4	200.00	50.000
9315	RESET WATER SHUT-OFFS	EACH	42	2100.00	50.000
9416	PUMPING SYSTEM	L S	1	11000.00	11000.000
9420	STONE PROTECTION RAIL	L FT	3890	27230.00	7.000
9424	3/4IN GALV WATER PIPE-EXSTR	L FT	804	723.60	.900
9425	1.5IN GALV WATER PIPE-EXSTR	L FT	7	10.50	1.500
9426	2IN GALV WATER PIPE-EXSTR	L FT	7	14.00	2.000
9427	4IN GALV WATER PIPE-EXSTR	L FT	46	276.00	6.000
9430	3IN BLACK IRON PIPE	L FT	270	810.00	3.000
9458	2IN CAST IRON PIPE	L FT	112	336.00	3.000
9519	REMOVE CONCRETE MEDIAN CURB	L FT	1898	1423.50	.750
9520	REMOVE CONCRETE CURB	L FT	103	77.25	.750
9521	REMOVE CONCRETE CURB & GUTTER	L FT	250	250.00	1.000
9526	REMOVE CONCRETE STRUCTURE	SQ YD	138	207.00	1.500
9530	REMOVE DROP INLET	EACH	96	3790.00	39.479
9534	REMOVE CATTLE GUARD	EACH	6	240.00	40.000
9536	REMOVE SIGNS	EACH	5	500.00	100.000
9538	REMOVE GUARD RAIL	L FT	2599.50	2599.50	1.000
9562	REMOVE WATER LINES	EACH	3	195.00	65.000
9712	STPL 1IN TYPE A BASE SURF	CU YD	80	120.00	1.500
9722	STPL 1IN TYPE A BASE SURF	TON	365	303.90	.833
9772	STPL 3/4IN TYPE A TOP SURF	TON	1373	2326.05	1.694
9773	STPL 5/8IN TYPE A TOP SURF	TON	182000	120370.00	.661
9792	STPL 3/8IN COVER MATERIAL	TON	40500	86850.00	2.144
				$38508509.30	

Fences Other Than Interstate

7951	USE OF DOZER	HOUR	21	300.00	14.286
7904	TYPE F3W FARM FENCE	ROD	155	542.50	3.500
7906	TYPE F4W FARM FENCE	ROD	8.50	31.88	3.751
7907	TYPE F4M FARM FENCE	ROD	3239	8923.88	2.755
7946	MOVE AND RESET FENCE	ROD	640	1926.49	3.010
7988	FENCE PANEL	EACH	100	800.00	8.000
7989	DEADMAN	EACH	70	140.00	2.000
7992	WIRE GATE	L FT	200	100.00	.500
7993	NEW METAL POSTS	EACH	5	10.00	2.000
7994	NEW WOOD POSTS	EACH	95	71.00	.747
7995	NEW BARBED WIRE	SPOOL	4	43.50	10.875
8212	12 FT CATTLE GUARD	EACH	3	3000.00	1000.000
				$15889.75	

Major Structures, Junior Grade Separations, Bridges, Overpasses, Etc

41101	FLOOR DRAIN-CONC STRUCTURE	EACH	10	504.00	50.400
41201	35 FT PRESTR BEAM-TYPE A	EACH	100	69680.00	696.800
41211	40 FT PRESTR BEAM-TYPE A	EACH	136	113526.00	834.750
41221	45 FT PRESTR BEAM-TYPE A	EACH	168	142330.00	847.202
41231	50 FT PRESTR BEAM-TYPE A	EACH	269	266752.00	991.643
41241	55 FT PRESTR BEAM-TYPE A	EACH	133	156745.00	1178.534
41251	60 FT PRESTR BEAM-TYPE A	EACH	133	166452.00	1251.519
41261	65 FT PRESTR BEAM-TYPE A	EACH	77	102234.00	1327.714
41271	70 FT PRESTR BEAM-TYPE A	EACH	123	182000.00	1479.675
41361	30 FT PRESTR BEAM-TYPE B	EACH	6	3420.00	570.000
41371	35 FT PRESTR BEAM-TYPE B	EACH	14	9240.00	660.000
42201	FLOOR DRAIN-STEEL STRUCTURE	EACH	48	3700.00	77.083
45101	STRUCTURE EXCAVATION	CU YD	31240	131011.25	4.194
45501	SHORING AND CRIPS	L S	6	148000.00	
46101	CLASS A CONCRETE	CU YD	17689	1084095.20	61.286
46121	CLASS AD CONCRETE	CU YD	17574.30	1328219.81	75.577
47101	REINFORCING STEEL	POUND	4824694.70	671363.52	.139
48111	STRUCTURAL STEEL	L S	10	671648.00	
51101	UNTREATED TIMBER	MBM	.61	218.52	358.230
51201	TREATED TIMBER	MBM	33.80	14647.32	433.353
52001	PREBORE HOLES FOR PILES	L FT	8868	32957.00	3.716
52101	UNTREATED TIMBER TEST PILES	L S	1	1500.00	
52111	TREATED TIMBER TEST PILES	L S	19	31294.00	
52141	STEEL TEST PILES	L S	5	19319.00	
52151	FURNISH STEEL BEARING PILES	POUND	545958	53005.26	.097
52161	DRIVE STEEL BEARING PILES	L FT	12802.50	24281.00	1.897
52211	20 FT TREATED TIMBER PILES	EACH	4	348.00	87.000
52221	25 FT TREATED TIMBER PILES	EACH	18	1746.00	97.000
52251	40 FT TREATED TIMBER PILES	EACH	17	1615.00	95.000
52311	FURNISH TREATED TIMBER PILES	L FT	45161	83295.00	1.844
52321	DRIVE TREATED TIMBER PILES	L FT	43974.50	63571.50	1.446
52361	FURNISH UNTREATED TMBR PILES	L FT	1620	4050.00	2.500
52371	DRIVE UNTREATED TMBR PILES	L FT	1575	1575.00	1.000
52511	14IN PRESTR CONC TEST PILES	L S	2	3500.00	
52611	FURN 14 IN PRESTR CONC PILES	L FT	626	3963.00	6.331
52711	DRIVE 14IN PRESTR CONC PILES	L FT	563	2271.55	4.035
53101	STEEL BEAM BRIDGE RAIL	L FT	14770.40	95919.73	6.494
53121	STEEL BRIDGE RAIL	L FT	17714.40	152160.16	8.590
53171	ORNAMENTAL RAIL	L S	1	1800.00	
53251	CORR ASBESTOS CEMENT SHEETS	L S	1	1000.00	
53261	GUARD FENCE	L FT	591.60	3502.08	5.920
53351	WATERPROOFING	L S	1	5000.00	
53401	DRAINAGE SYSTEM	L S	4	6903.00	
53501	STAIRWAY	L S	1	1800.00	
				$5862162.90	

Maintenanc Items

1	CONST SECTION HOUSE	L SUM	1	17860.00	
11	OFFICE ADDITION	L SUM	1	25991.00	
12	MAINT SHOP BUILDING	L SUM	1	17720.00	
13	SHOP WATER LINE	L SUM	1	12292.90	
1390	HAUL AGGREGATE	TONMI	1444948	144334.01	.100
9701	STOCKPILE 1/2IN SAND	TON	15000	7500.00	.500
9773	STPL 5/8IN TYPE A TOP SURF	TON	455750	313512.50	.688
9792	STPL 3/8IN COVER MATERIAL	TON	110000	251000.00	2.282
				$790210.41	

Projects let to contract during 1962 **$45,722,144.85**