TABULATION OF LOW BID PRICES
AND COMPUTATION OF AVERAGE PRICES

MONTANA HIGHWAY DEPARTMENT
CALENDAR YEAR 1963

INTERSTATE - PRIMARY - SECONDARY

Item No.	Item Description	Unit	Quantity	Total Cost	Average Price
	Lump Sum Bid Items (excepting structure items)				
1022	CLEARING AND GRUBBING	L S	10	$ 661686.62	
1160	CULVERT EXCAVATION	L S	1	100.00	
1501	FURN & MAINT WATER PLANT	L S	5	16000.00	
1645	OBLITERATE DETOUR	L S	1	1000.00	
4550	SHORING AND CRIBS	L S	1	3500.00	
8601	CONDUIT SYSTEM	L S	1	2000.00	
87011	SIGNAL INSTALLATION	L S	1	1835.00	
87021	MODIFY SIGNAL INSTALLATION	L S	1	900.00	
87041	FLASHER INSTALLATION	L S	1	1500.00	
87941	FIRE PRE-EMPTION SYSTEM	L S	1	1850.00	
87969	FLOURES FIXTURES ASSEMBLY	L S	1	290.00	
8805	HIGHWAY SIGNING SYSTEM	L S	3	3310.00	
8831	STEEL OVERHEAD STRUCTURES	L S	2	22460.00	
8832	METAL OVERHEAD STRUCTURES	L S	3	13208.00	
9310	RESET MISCELLANEOUS ITEMS	L S	2	5500.00	
9422	STREAM DIVERSION	L S	1	50000.00	
9443	WEIGH STATION	L S	1	30000.00	
9480	MISCELLANEOUS WORK	L S	2	4500.00	
9499	CONTINGENT SUM PAY ITEM	L S	1	10000.00	
9501	REMOVE STRUCTURE	L S	18	59800.00	
9503	REMOVE STRUCT & MAINT TRAFFIC	L S	10	41250.00	
9504	REVISE STRUCT & MAINT TRAFFIC	L S	8	23900 00	
9560	REMOVE MISCELLANEOUS ITEMS	L S	9	32243.76	
				$ 986833.38	
	Fences Other Than Interstate				
7901	USE OF DOZER	HOUR	27	354.00	13.111
7904	TYPE F3W FARM FENCE	ROD	2288	7897.76	3.452
7906	TYPE F4W FARM FENCE	ROD	1135	4540.00	4.000
7920	TEMPORARY FENCING	ROD	50	115.00	2.300
7945	REMOVE FENCE	ROD	1316	2637.00	2.004
7946	MOVE AND RESET FENCE	ROD	465	1301.95	2.800
7988	FENCE PANEL	EACH	85	1275.00	15.000
7989	DEADMEN	EACH	147	568.00	3.864
7990	METAL GATE	L FT	80	224.00	2.800
7992	WIRE GATE	L FT	112	56.00	.500
7993	NEW METAL POSTS	EACH	30	45.00	1.500
7994	NEW WOOD POSTS	EACH	15	15.00	1.000
7995	NEW BARBED WIRE	SPOOL	4	50.00	12.500
7996	NEW WOVEN WIRE	ROLL	2	55.00	27.500
7998	NEW WOOD FENCE	ROD	40	1000.00	25.000
9305	RESET CATTLE GUARD	EACH	2	1600.00	800.000
				$ 21733.71	

Regular Items of Work (Major Structures not Included)

1001	CLEARING	ACRE	89.18	193966.50	2175.000
1011	GRUBBING	ACRE	32.59	32590.00	1000.000
1101	UNCLASS EXCAVATION	CU YD	22244596	8415198.58	.378
1102	STREET EXCAVATION	CU YD	48824	42231.40	.865
1103	TRENCH EXCAVATION	CU YD	11993	16891.00	1.408
1104	UNCLASS BORROW EXCAVATION	CU YD	3754711	1503986.80	.401
1105	UNCLASS CHANNEL EXCAVATION	CU YD	347513	199358.65	.574
1109	UNCLASS EXCAVATION	CU YD	7880	5745.50	.729
1151	SPECIAL BORROW EXCAVATION	CU YD	311717	119413.40	.383
1161	CULVERT EXCAVATION	CU YD	107281	222319.61	2.072
1164	RETAINING WALL EXCAVATION	CU YD	246	676.50	2.750
1185	EMBANKMENT IN PLACE	CU YD	49555	32210.75	.650
1202	OVERHAUL UNCLASS EXCAVATION	MI YD	3988638	443915.40	.111
1211	OVERHAUL STREET EXCAVATION	MI YD	5548	1065.50	.192
1213	OVERHAUL UNCLASS BORROW	MI YD	10921200	447449.20	.041
1221	OVERHAUL SPECIAL BORROW	MI YD	808153	69729.03	.086
1318	HAUL BINDER	TONMI	8820	882.00	.100
1358	HAUL BINDER	MI YD	14688	1599.60	.109
1390	HAUL AGGREGATE	TONMI	10800	864.00	.080
1403	ROLL SUBGRADE	UNIT	88222	509705.50	5.778
1404	ROLL SURFACE COURSES	UNIT	46298	384397.50	8.303
1406	ROLL DETOUR	UNIT	75	600.00	8.000
1423	ROLL SUBGRADE	UNIT	5753	51617.00	8.972 (2)
1424	ROLL SURFACE COURSES	UNIT	5805	49598.00	8.544 (2)
1430	ROLLING	UNIT	377	4623.00	12.263 (2)
1503	WATER SUBGRADE	M GAL	531687	443850.43	.835
1504	WATER SURFACE COURSES	M GAL	238002	385150.34	1.618
1506	WATER DETOUR	M GAL	200	200.00	1.000
1510	WATERING	M GAL	1884	3114.00	1.653
1601	USE OF MOTOR GRADER	HOUR	357	4764.00	13.345
1602	USE OF DOZER	HOUR	800	19664.00	24.580
1608	ROAD LEVELER OPERATION	HOUR	502	14095.00	28.078
1613	SURFACE PREPARATION	MILE	6.65	18169.00	2732.180
1634	TRAFFIC PROVISIONS-SCHED 4	MILE	225.01	58072.30	258.088
1642	OBLITERATE ROADWAY	STA	104.40	5325.00	51.006
1701	TOPSOIL	CU YD	295	1770.00	6.000
1710	SEEDING	POUND	52366	111335.63	2.126
1715	FERTILIZER	TON	219.22	26391.87	120.390
1716	CONDITION SEEDBED SURFACE	HOUR	3713.40	28414.65	7.652
1723	VEGETATIVE MULCH	TON	460.10	27827.00	60.480
1727	SS-1 EMULSIFIED ASPHALT	GAL	97921	19479.86	.199
2111	4 IN SELECT SURFACING	CU YD	14858	16812.40	1.132
2112	3 IN SELECT SURFACING	CU YD	4350	4350.00	1.000
2120	SPECIAL SELECT SURFACING	TON	303753	154358.54	.508
2121	4 IN SELECT SURFACING	TON	1101739	868975.25	.789
2122	3 IN SELECT SURFACING	TON	92547	63759.87	.689
2126	1 IN SELECT SURFACING	TON	6179	9268.50	1.500
2231	PORTLAND CEMENT	BBL	20499.10	106438.49	5.192
2233	PROCESS 0.40 FT CEM STAB BASE	SQ YD	436120	132333.75	.303
2241	MINERAL AGGREGATE	TON	110902	118306.20	1.067
2246	BLOTTER MATERIAL	TON	3267	5485.50	1.679
2280	PLANT MIX BITUM BASE	TON	6632	19896.00	3.000
2314	1.5 IN TYPE A BASE SURFACING	CU YD	1954	1954.00	1.000
2315	1 IN TYPE A BASE SURFACING	CU YD	37156	47559.68	1.280
2331	3 IN TYPE A BASE SURFACING	TON	3629880	2729866.68	.752
2333	2 IN TYPE A BASE SURFACING	TON	89221	91005.42	1.020
2334	1.5 IN TYPE A BASE SURFACING	TON	2982237	2633314.49	.883
2335	1 IN TYPE A BASE SURFACING	TON	196944	203170.90	1.032
2502	3/4 IN TYPE A TOP SURFACING	CU YD	995	3980.00	4.000
2512	3/4 IN TYPE A TOP SURFACING	TON	845020	1092279.79	1.293
2513	5/8 IN TYPE A TOP SURFACING	TON	23608	23248.22	.985
2533	3/4 IN TYPE B TOP SURFACING	TON	68427	82700.90	1.209
2620	MINERAL FILLER	TON	19645.68	387440.24	19.721
2650	BINDER	CU YD	7344	5385.90	.733
2660	BINDER	TON	4410	441.00	.100
2718	1/2 IN COVER MATERIAL	TON	1034	7388.00	7.145
2719	3/8 IN COVER MATERIAL	TON	27139	169689.52	6.253
3055	SS-1 EMULSIFIED ASPHALT	GAL	279768	47694.37	.170
3113	85-100 ASPHALT CEMENT	TON	600.39	17136.78	28.543
3114	100-120 ASPHALT CEMENT	TON	73552.54	1895701.57	25.773
3126	RC-70 LIQUID ASPHALT	TON	4849.54	142659.86	29.417
3127	RC-250 LIQUID ASPHALT	TON	388	17166.10	44.243
3136	MC-70 LIQUID ASPHALT	TON	8348.43	341114.36	40.860
3137	MC-250 LIQUID ASPHALT	TON	607.13	27101.60	44.639
3138	MC-800 LIQUID ASPHALT	TON	414.44	18268.78	44.081
3153	RS-2C CATIONIC EMUL ASPHALT	TON	9780.41	393803.37	40.265
3433	PROCESS 28FT X 0.20FT BIT MAT	MILE	.93	1856.00	1995.699
3443	PROCESS 30FT X 0.20FT BIT MAT	MILE	.85	1276.50	1501.765
3483	PROCESS 0.20FT BITUM MAT	SQ YD	3863	1135.00	.294
3484	PROCESS 0.25FT BITUM MAT	SQ YD	66263	6626.30	.100

3490	PROCESS 0.35FT BITUM MAT	STA	67	2680.00	40.000
3521	TYPE 2 PLANT MIX BITUM SURF	TON	268707	904177.36	3.365
3531	TYPE 3 PLANT MIX BITUM SURF	TON	960418	3477219.86	3.621
3632	APPLY 3/8 IN COVER MATERIAL	TON	68545	125960.80	1.838
3907	7 IN PC CONCRETE PAVEMENT	SQ YD	298	1937.00	6.500
3908	8 IN PC CONCRETE PAVEMENT	SQ YD	373816	1485331.12	3.973
3921	12IN REIN PC CONCRETE PAVEMENT	SQ YD	480	6720.00	14.000
4510	STRUCTURE EXCAVATION	CU YD	2636	15816.00	6.000
4610	CLASS A CONCRETE	CU YD	2073.20	131122.05	63.246
4612	CLASS AD CONCRETE	CU YD	514.55	60359.60	117.306
4618	CLASS DD CONCRETE	CU YD	315.38	48492.00	153.757
4710	REINFORCING STEEL	POUND	186216	30783.75	.165
4712	STEEL MESH REINFORCING	POUND	1148	344.40	.300
5215	FURNISH STEEL BEARING PILES	POUND	20052	2576.34	.128
5216	DRIVE STEEL BEARING PILES	L FT	255	3285.00	12.882
5710	HAND-LAID RIPRAP	CU YD	441.30	10134.40	22.965
5720	TYPE A RANDOM RIPRAP	CU YD	26001.80	140585.20	5.407
5722	TYPE B RANDOM RIPRAP	CU YD	64844.20	239535.90	3.694
5723	BANK PROTECTION	CU YD	73	730.00	10.000
5724	SPECIAL RIPRAP	CU YD	906	2265.00	2.500
5730	GROUTED RIPRAP	SQ YD	1139.30	5696.50	5.000
6120	RELAY PIPE CULVERTS	L FT	6433	16592.00	2.579
6210	BACKFILL MATERIAL	CU YD	43370	122560.10	2.826
6220	FILTER MATERIAL	CU YD	669	3712.50	5.549
6250	CLAY CORE MATERIAL	CU YD	2211	5527.50	2.500
6305	12IN CMP CULVERT-16G	L FT	412	2082.00	5.053
6306	12IN CMP CULVERT-16G-SYPH	L FT	26	137.80	5.300
6309	15IN CMP CULVERT-16G	L FT	236	1392.00	5.898
6310	15IN CMP CULVERT-16G-SYPH	L FT	30	270.00	9.000
6315	18IN CMP CULVERT-16G	L FT	9653	58560.60	6.067
6316	18IN CMP CULVERT-16G-SYPH	L FT	342	2961.50	8.659
63171	18IN CMP CULV-14G-TYP A BITUM	L FT	76	722.00	9.500
6322	21IN CMP CULVERT-16G-SYPH	L FT	26	221.00	8.500
6331	24IN CMP CULVERT-16G	L FT	25797	229790.52	8.908
6332	24IN CMP CULVERT-16G-SYPH	L FT	5148	65942.20	12.809
6333	24IN CMP CULVERT-14G	L FT	6930	66534.96	9.601
63331	24IN CMP CULV-14G-TYP A BITUM	L FT	214	2461.00	11.500
6334	24IN CMP CULVERT-14G-SYPH	L FT	1591	21280.20	13.375
6335	24IN CMP CULVERT-12G	L FT	226	2486.00	11.000
6336	24IN CMP CULVERT-12G-SYPH	L FT	652	8562.00	13.132
6338	30IN CMP CULVERT-14 G	L FT	3700	42297.70	11.432
6339	30IN CMP CULVERT-14G-SYPH	L FT	1993	41093.00	20.619
6341	30IN CMP CULVERT-12G-SYPH	L FT	316	7900.00	25.000
6342	30IN CMP CULVERT-10G	L FT	1230	19882.00	16.164
6345	36IN CMP CULVERT-14G	L FT	3898	55524.10	14.244
6346	36IN CMP CULVERT-14G-SYPH	L FT	1674	41790.00	24.964
6347	36IN CMP CULVERT-12G	L FT	1438	26064.00	18.125
6348	36IN CMP CULVERT-12G-SYPH	L FT	276	5520.00	20.000
6349	36IN CMP CULVERT-10G	L FT	436	8932.00	20.486
63491	36IN CMP CULV-10G-TYP A BITUM	L FT	574	14350.00	25.000
6351	36IN CMP CULVERT-8G	L FT	722	16416.00	22.737
6354	42IN CMP CULVERT-12G	L FT	326	6920.00	21.227
63541	42IN CMP CULV-12G-TYPE A BITUM	L FT	52	936.00	18.000
6355	42IN CMP CULVERT-12G-SYPH	L FT	118	3540.00	30.000
6360	48IN CMP CULVERT-12G	L FT	2828	63778.00	22.552
6362	48IN CMP CULVERT-10G	L FT	1156	31870.20	27.569
6367	54IN CMP CULVERT-12G	L FT	524	14040.00	26.794
6369	54IN CMP CULVERT-10G	L FT	446	13626.00	30.552
6376	60IN CMP CULVERT-10G	L FT	520	17330.00	33.327
63781	60IN CMP CULV-8G-TYP A BITUM	L FT	168	10080.00	60.000
6383	66IN CMP CULVERT-10G	L FT	92	3220.00	35.000
6388	72IN CMP CULVERT-10G	L FT	1398	59820.00	42.790
63901	72IN CMP CULV-8G-TYP A BITUM	L FT	80	5600.00	70.000
6397	84IN CMP CULVERT-8G	L FT	102	5610.00	55.000
6418	18IN CMP ARCH CULV-16 G	L FT	640	2976.00	4.650
6422	22IN CMP ARCH CULV-16 G	L FT	1546	11098.00	7.179
6423	22IN CMP ARCH CULV-16 G-SYPH	L FT	98	735.00	7.500
6425	25IN CMP ARCH CULV-16 G	L FT	196	1568.00	8.000
6429	29IN CMP ARCH CULV-16 G	L FT	60	420.00	7.000
6431	29IN CMP ARCH CULV-14 G	L FT	934	11452.00	12.261
6432	29IN CMP ARCH CULV-14 G-SYPH	L FT	226	3094.00	13.690
6436	36IN CMP ARCH CULV-14 G	L FT	750	9104.00	12.139
6437	36IN CMP ARCH CULV-14 G-SYPH	L FT	116	2088.00	18.000
6443	43IN CMP ARCH CULV-12 G	L FT	726	12936.00	17.818
6444	43IN CMP ARCH CULV-12 G-SYPH	L FT	128	3456.00	27.000
6450	50IN CMP ARCH CULV-12 G	L FT	78	1716.00	22.000
6451	50IN CMP ARCH CULV-12 G-SYPH	L FT	230	8050.00	35.000
6458	58IN CMP ARCH CULV-12 G	L FT	946	26137.60	27.630
6459	58IN CMP ARCH CULV-12 G-SYPH	L FT	148	4292.00	29.000
6465	65IN CMP ARCH CULV-12 G	L FT	214	5836.00	27.271

6472	72IN CMP ARCH CULV-10 G	L FT	456	20320.00	44.561
6473	72IN CMP ARCH CULV-10 G-SYPH	L FT	74	3700.00	50.000
6474	72IN CMP ARCH CULV-8 G	L FT	324	14904.00	46.000
6500	SP STOCKPASS-DESIGN A	L FT	150	11250.00	75.000
6502	60IN SPP CULVERT-12G	L FT	1096	54510.00	49.735
6503	60IN SPP CULVERT-10G	L FT	376	18464.00	49.106
6513	72IN SPP CULVERT-12G	L FT	696	38471.30	55.275
6514	72IN SPP CULVERT-10G	L FT	144	7200.00	50.000
6521	78IN SPP CULVERT-10G	L FT	212	9540.00	45.000
6527	84IN SPP CULVERT-12G	L FT	1812	97462.00	53.787
6528	84IN SPP CULVERT-10G	L FT	298	21456.00	72.000
6534	90IN SPP CULVERT-12G	L FT	124	8060.00	65.000
65344	90IN SPP CULV-12G-TYPE D BITUM	L FT	126	7560.00	60.000
6536	90IN SPP CULVERT-8G	L FT	338	23998.00	71.000
6541	96IN SPP CULVERT-12G	L FT	798	58662.00	73.511
6542	96IN SPP CULVERT-10G	L FT	316	31600.00	100.000
6548	108IN SPP CULVERT-10G	L FT	192	17856.00	93.000
6554	120IN SPP CULVERT-10G	L FT	682	60220.00	88.299
6555	120IN SPP CULVERT-8G	L FT	108	9923.04	91.880
6566	144IN SPP CULVERT-10G	L FT	122	10614.00	87.000
6569	144IN SPP CULVERT-5G	L FT	222	33300.00	150.000
6585	180IN SPP CULVERT-8G	L FT	160	18400.00	115.000
6598	108 IN SPP CULVERT-12G	L FT	88	6890.40	78.300
6599	120IN SPP CULVERT-12 G	L FT	106	6360.00	60.000
6601	6-1 SPP ARCH CULVERT-12G	L FT	424	20820.00	49.104
6602	6-1 SPP ARCH CULVERT-10 G	L FT	192	10176.00	53.000
6603	6-9 SPP ARCH CULVERT-12G	L FT	110	7700.00	70.000
6607	7-3 SPP ARCH CULVERT-12G	L FT	388	22656.00	58.392
6619	9-4 SPP ARCH CULVERT-10G	L FT	132	9900.00	75.000
6623	9-9 SPP ARCH CULVERT-10G	L FT	152	10688.00	70.316
6627	10-8 SPP ARCH CULVERT-10G	L FT	222	18609.20	83.825
6631	11-5 SPP ARCH CULVERT-12G	L FT	244	17568.00	72.000
6632	11-5 SPP ARCH CULVERT-10G	L FT	92	7084.00	77.000
6633	11-5 SPP ARCH CULVERT-8G	L FT	82	6970.00	85.000
6634	11-5 SPP ARCH CULVERT-7G	L FT	120	13200.00	110.000
6638	11-10 SPP ARCH CULVERT-8G	L FT	176	17248.00	98.000
6644	12-6 SPP ARCH CULVERT-8G	L FT	86	8440.90	98.150
6651	12-10 SPP ARCH CULVERT-7G	L FT	112	10752.00	96.000
6658	14-0 SPP ARCH CULVERT-12G	L FT	532	54384.00	102.226
6659	14-0 SPP ARCH CULVERT-10G	L FT	298	32184.00	108.000
6663	15-4 SPP ARCH CULVERT-12G	L FT	436	48708.00	111.716
6673	17-11 SPP ARCH CULVERT-12G	L FT	204	22636.00	110.961
6674	17-11 SPP ARCH CULVERT-10G	L FT	154	19250.00	125.000
6685	20-7 SPP ARCH CULVERT 10 G	L FT	196	26460.00	135.000
6770	VEHICULR UNDERPASS-DES 129-10G	L FT	110	9900.00	90.000
6772	VEHICULR UNDERPASS-DES 156-10G	L FT	92	11960.00	130.000
6778	VEHICULR UNDERPASS-DES 192-10G	L FT	104	13000.00	125.000
6781	VEHICULR UNDERPASS-DES 210-10G	L FT	318	49440.00	155.472
68123	12IN RCP CULVERT-CL 3	L FT	1198	4803.00	4.009
68153	15IN RCP CULVERT-CL 3	L FT	2534	16436.00	6.486
68157	15IN RCP CULVERT-CL 3-SYPH	L FT	466	2796.00	6.000
68183	18IN RCP CULVERT-CL 3	L FT	21298	153018.20	7.185
68184	18IN RCP CULVERT-CL 4	L FT	148	1057.06	7.142
68185	18IN RCP CULVERT-CL 5	L FT	318	2416.80	7.600
68187	18IN RCP CULVERT-CL 3-SYPH	L FT	508	3812.00	7.504
68243	24IN RCP CULVERT-CL 3	L FT	23846	243186.88	10.198
68244	24IN RCP CULVERT-CL 4	L FT	3094	32650.60	10.553
68245	24IN RCP CULVERT-CL 5	L FT	1511	19644.00	13.001
68247	24IN RCP CULVERT-CL 3-SYPH	L FT	9431	105037.00	11.137
68248	24IN RCP CULVERT-CL 4-SYPH	L FT	318	3657.00	11.500
68249	24IN RCP CULVERT-CL 5-SYPH	L FT	308	3696.00	12.000
68303	30IN RCP CULVERT-CL 3	L FT	2358	31110.20	13.193
68304	30IN RCP CULVERT-CL 4	L FT	122	1586.00	13.000
68305	30IN RCP CULVERT-CL 5	L FT	638	10080.00	15.799
68307	30IN RCP CULVERT-CL 3-SYPH	L FT	662	9194.00	13.888
68363	36IN RCP CULVERT-CL 3	L FT	3376	61741.80	18.288
68364	36IN RCP CULVERT-CL 4	L FT	1036	19758.40	19.072
68365	36IN RCP CULVERT-CL 5	L FT	134	2680.00	20.000
68367	36IN RCP CULVERT-CL 3-SYPH	L FT	218	4428.00	20.312
68423	42IN RCP CULVERT-CL 3	L FT	2344	54503.20	23.252
68427	42IN RCP CULVERT-CL 3-SYPH	L FT	80	1520.00	19.000
68483	48IN RCP CULVERT-CL 3	L FT	1442	41364.20	28.685
68484	48IN RCP CULVERT-CL 4	L FT	628	24389.20	38.836
68485	48IN RCP CULVERT-CL 5	L FT	148	5180.00	35.000
68488	48IN RCP CULVERT-CL 4-SYPH	L FT	238	8330.00	35.000
68543	54IN RCP CULVERT-CL 3	L FT	352	12144.00	34.500
68604	60IN RCP CULVERT-CL 4	L FT	128	5120.00	40.000
68723	72IN RCP CULVERT-CL 3	L FT	324	17820.00	55.000
6903	84IN CONCR STOCKPASS FLT BOT	L FT	548	44170.00	80.602
6924	29IN RCP ARCH CULVERT	L FT	62	620.00	10.000

6930	36IN RCP ARCH CULVERT	L FT	723	12575.00	17.393
69308	36IN RCP ARCH CULV-	L FT	300	5400.00	18.000
6936	44IN RCP ARCH CULVERT	L FT	390	10206.00	26.169
69368	44IN RCP ARCH CULV-	L FT	156	4056.00	26.000
6942	51IN RCP ARCH CULVERT	L FT	174	4456.40	25.611
6954	65IN RCP ARCH CULVERT	L FT	72	4320.00	60.000
6960	74IN RCP ARCH CULVERT	L FT	992	42544.00	42.887
6972	88IN RCP ARCH CULVERT	L FT	140	9100.00	65.000
70072	6IN CONCRETE SEWER PIPE-CL 2	L FT	322	515.20	1.600
70081	8IN CONCRETE SEWER PIPE-CL 1	L FT	60	180.00	3.000
70082	8IN CONCRETE SEWER PIPE-CL 2	L FT	186	353.40	1.900
70091	12IN CMP UNDERDRAIN-TYPE 1-16G	L FT	1018	4756.00	4.672
70101	10IN CONCRETE SEWER PIPE-CL 1	L FT	14	51.10	3.650
70104	24IN CMP UNDERDRAIN-TYPE 4-14G	L FT	330	3960.00	12.000
70121	15IN CMP UNDERDRAIN-TYPE 1-16G	L FT	68	476.00	7.000
7101	BENTONITE	TON	88.87	3854.80	43.376
7150	CONCRETE DIVISION BOX	CU YD	14.20	1988.00	140.000
7160	15IN METAL HEADGATE	EACH	5	500.00	100.000
7161	18IN METAL HEADGATE	EACH	5	700.00	140.000
7162	24IN METAL HEADGATE	EACH	9	1490.00	165.556
7170	WOOD DIVISION BOX	MBM	11.12	4955.65	445.652
7180	18 IN METAL TURNOUT GATE	EACH	1	56.00	56.000
7181	24 IN METAL TURNOUT GATE	EACH	2	130.00	65.000
7402	CONCRETE CURB	L FT	5931.80	11457.78	1.932
7404	CONCRETE CURB AND GUTTER	L FT	67974.50	146603.84	2.157
7406	CONCRETE MEDIAN CURB-TYPE A	L FT	5970.80	14773.20	2.474
7416	CONCRETE CUT OFF CURB	L FT	1041.20	1219.70	1.171
7418	CONCRETE GUTTER	L FT	3371.80	4855.39	1.440
7454	4IN CONCRETE SIDEWALK	SQ YD	910	4122.00	4.530
7456	6IN CONCRETE SIDEWALK	SQ YD	85	361.25	4.250
7461	CONC HDWLLS FOR PIPE CULV	CU YD	67.69	7719.00	114.035
7468	CONCRETE CUTOFF WALLS	CU YD	205.81	27870.95	135.421
7530	TYPE 1 MANHOLE	EACH	9	3580.00	397.778
7531	TYPE 2 MANHOLE	EACH	1	270.00	270.000
7532	TYPE 3 MANHOLE-48 IN	EACH	2	750.00	375.000
7533	TYPE 3 MANHOLE-54 IN	EACH	4	2000.00	500.000
7534	TYPE 3 MANHOLE-60 IN	EACH	2	1100.00	550.000
7536	TYPE 3 MANHOLE-72 IN	EACH	2	1300.00	650.000
7550	STANDARD DROP INLET	EACH	50	14700.00	294.000
7551	STANDARD DOUBLE DROP INLET	EACH	2	1100.00	550.000
7552	DROP INLET	EACH	1	250.00	250.000
7553	CURB INLET	EACH	3	825.00	275.000
7571	TYPE A MEDIAN INLET COVER	EACH	25	3684.00	147.360
7573	TYPE C MEDIAN INLET COVER	EACH	21	2375.00	113.095
7610	METAL RETAINING WALL	SQ FT	1120	7840.00	7.000
77181	18 IN ALUMINUM CULVERT - 0.060	L FT	384	1920.00	5.000
77241	24 IN ALUMINUM CULVERT - 0.060	L FT	944	7083.20	7.503
77312	30IN ALUMIN CULVERT-0.075	L FT	106	1494.60	14.100
77362	36 IN ALUMINUM CULVERT-0.075	L FT	86	1032.00	12.000
77363	36 IN ALUMINUM CULVERT - 0.105	L FT	110	1760.00	16.000
77483	48 IN ALUMINUM CULVERT - 0.105	L FT	114	2508.00	22.000
78372	1. IN SOFT COPPER PIPE - K	L FT	70	105.00	1.500
78392	1.50 IN SOFT COPPER PIPE - K	L FT	90	180.00	2.000
78402	2. IN SOFT COPPER PIPE - K	L FT	270	810.00	3.000
7902	TYPE F2W FARM FENCE	ROD	88	440.00	5.000
7906	TYPE F4W FARM FENCE	ROD	294	1176.00	4.000
7907	TYPE F4M FARM FENCE	ROD	962	2934.10	3.050
7908	TYPE F5W FARM FENCE	ROD	123	861.00	7.000
7920	TEMPORARY FENCING	ROD	1110	2557.30	2.304
7941	TYPE G-2 WIRE GATE	L FT	16	16.00	1.000
7942	TYPE 3 METAL GATE	L FT	16	80.00	5.000
7945	REMOVE FENCE	ROD	1101.20	1498.22	1.361
7946	MOVE AND RESET FENCE	ROD	139	834.00	6.000
7988	FENCE PANEL	EACH	51	1160.75	22.760
8001	USE OF DOZER	HOUR	37.50	583.50	15.560
8005	6FT TYPE 1 CHAIN LINK FENCE	L FT	8750	19713.00	2.253
8013	6FT TYPE 2 CHAIN LINK FENCE	L FT	9198	21339.36	2.320
8030	5FT 6IN TYPE 1 GATE	L FT	32	360.00	11.250
8050	SINGLE TYPE 1 PANEL	EACH	18	444.00	24.667
8051	DOUBLE TYPE 1 PANEL	EACH	42	1170.00	27.857
8054	SINGLE TYPE 2 PANEL	EACH	8	144.00	18.000
8055	DOUBLE TYPE 2 PANEL	EACH	43	991.15	23.050
8101	USE OF DOZER	HOUR	669.50	9480.00	14.160
8110	TYPE CW WIRE FENCE	ROD	12450	71740.50	5.762
8111	TYPE CM WIRE FENCE	ROD	28714	163795.75	5.704
8120	DEADMEN	EACH	6260	23333.10	3.727
8125	SINGLE CW FENCE PANEL	EACH	132	2056.00	15.576
8126	DOUBLE CW FENCE PANEL	EACH	669	15599.00	23.317
8130	SINGLE CM FENCE PANEL	EACH	532	11223.80	21.097
8131	DOUBLE CM FENCE PANEL	EACH	1465	41690.50	28.458

8142	METAL GATE	L FT	12	51.00	4.250	
8143	PASS THROUGH GATE	EACH	1	150.00	150.000	
8145	REMOVE FENCE	ROD	10	15.00	1.500	
8146	MOVE AND RESET FENCE	ROD	200	889.70	4.449	
8212	12 FT CATTLE GUARD	EACH	2	2400.00	1200.000	
8224	24 FT CATTLE GUARD	EACH	67	84501.00	1261.209	
8230	30 FT CATTLE GUARD	EACH	1	1800.00	1800.000	
8236	36 FT CATTLE GUARD	EACH	4	7500.00	1875.000	
86054	BITUM FIBRE DUCT-TP 2-4 IN	L FT	499	2152.40	4.313	
86253	1IN STEEL CONDUIT	L FT	2590	3369.00	1.301	
86255	1-1/2IN STEEL CONDUIT	L FT	3885	5214.70	1.342	
86256	2IN STEEL CONDUIT	L FT	6153	16779.00	2.727	
86258	3IN STEEL CONDUIT	L FT	100	259.00	2.590	
86259	3-1/2IN STEEL CONDUIT	L FT	130	552.50	4.250	
86265	1-1/2IN FLEX. STEEL CONDUIT	L FT	160	416.00	2.600	
86325	1-1/2IN TYPE 2 PLASTIC CONDUIT	L FT	29933	23532.70	.786	
8640	TYPE 1 CONCRETE PULL BOX	EACH	53	2428.75	45.825	
8641	TYPE 2 CONCRETE PULL BOX	EACH	99	6380.00	64.444	
87074	COPPER CABLE-7AWG14-600V	L FT	3865	1337.86	.346	
87075	COPPER CABLE-9AWG14-600V	L FT	6270	2732.44	.436	
87076	COPPER CABLE-12AWG14-600V	L FT	750	457.50	.610	
87151	COPPER CONDUCTOR-AWG14-600V	L FT	70570	2936.20	.042	
87152	COPPER CONDUCTOR-AWG12-600V	L FT	14760	803.00	.054	
87153	COPPER CONDUCTOR-AWG10-600V	L FT	10239	650.68	.064	
87154	COPPER CONDUCTOR-AWG8-600V	L FT	3130	296.47	.095	
87155	COPPER CONDUCTOR-AWG6-600V	L FT	15810	2337.02	.148	
87201	COPPER CONDUCTOR-AWG8-5000V	L FT	56030	7897.00	.141	
87212	COPPER CONDUCTOR-TRIP SEC.	L FT	1955	488.75	.250	
87242	COPPER CONDUCTOR-AWG6-BARE	L FT	27135	4137.60	.152	
87481	LUMINAIRE ASSEMBLY-250W	EACH	9	873.00	97.000	
87482	LUMINAIRE ASSEMBLY-400W	EACH	210	18489.16	88.044	
87502	GUY & ANCHOR ASSEMBLY-NO.2	EACH	28	1321.68	47.203	
87511	OVERHEAD GUY ASSEMBLY	EACH	8	563.04	70.380	
87521	4 FT LIGHTING BRACKET	EACH	12	132.00	11.000	
87525	12 FT LIGHTING BRACKET	EACH	9	328.50	36.500	
87541	TYPE A ELEC SERV ASSEMBLY	EACH	9	450.00	50.000	
87542	TYPE B ELEC SERV ASSEMBLY	EACH	11	600.00	54.545	
87561	SERV & CONTR ASSEMB-30A	EACH	5	929.00	185.800	
87562	SERV & CONTR ASSEMB-50A	EACH	3	780.00	260.000	
87563	SERV & CONTR ASSEMB-100A	EACH	5	1705.00	341.000	
87581	TYPE 1 SIGNAL STANDARD	EACH	13	2390.00	183.846	
87582	TYPE 2 SIGNAL STANDARD	EACH	16	4160.00	260.000	
87592	TYPE 2A SIGNAL STANDARD	EACH	24	7490.00	312.083	
87593	TYPE 3A SIGNAL STANDARD	EACH	2	1150.00	575.000	
8760	TYPE 10 STANDARD	EACH	131	26502 00	202 300	(1)
8761	TYPE 10A STANDARD	EACH	78	14855 64	190 460	(1)
8762	TYPE 11 A STANDARD	EACH	8	3741 20	467 450	
87631	TYPE A CONT. CAB. PEDESTAL	EACH	17	865.00	50.882	
87641	TRAFFIC SIGNAL-3 COLOR-1 WAY	EACH	120	12330.00	102.750	
87651	TRAFFIC SIGNAL-4 COLOR-1 WAY	EACH	23	3832.00	166.609	
87661	TRAFFIC SIGNAL-1 COLOR-1 WAY	EACH	3	245.30	81.767	
87682	TYPE 2 PEDESTRIAN SIGNAL	EACH	92	9824.00	106.783	
87721	TYPE 1 TRAF-ACTUAT CONTLR	EACH	1	750.00	750.000	
87722	TYPE 2 TRAF-ACTUAT CONTLR	EACH	1	2820.00	2820.000	
87725	TYPE 5 TRAF-ACTUAT CONTLR	EACH	10	8120.00	812.000	
87746	TYPE 6 MASTER CONTROLLER	EACH	1	3100.00	3100.000	
87776	TYPE 26 PRE-TIMED CONTROLLER	EACH	6	4965.00	827.500	
87777	TYPE 27 PRE-TIMED CONTROLLER	EACH	2	1737.00	868.500	
87791	MAGNET DETECTOR-NONDIRECTION	EACH	39	3220.00	82.564	
87821	TIME SWITCH	EACH	6	452.00	75.333	
87831	PEDESTRIAN INTERVAL TIMER	EACH	10	1800.00	180.000	
87841	ADVANCE GREEN TIMER	EACH	5	990.00	198.000	
87861	PEDESTRIAN PUSH BUTTON	EACH	44	1240.00	28.182	
87881	MAGNETIC DETECTOR RELAY UNIT	EACH	15	2825.00	188.333	
87911	PHOTO ELECTRIC CONTROL	EACH	15	438.25	29.217	
87931	COORDINATING UNIT	EACH	8	3760.00	470.000	
87961	FLUORES FIXTURES-1 TUBE	EACH	2	340.00	170.000	
87962	FLOURES FIXTURES-2 TUBE	EACH	39	6200.00	158.974	
87981	CONCRETE GUARD POST	EACH	2	264.86	132.430	
8801	BARRICADES-CLASS 1	L FT	788	6680.96	8.478	
8802	BARRICADES-CLASS 2	L FT	126	416.40	3.305	

(1) Not reliable averages for estimating because of variation in design of each structure

8810	SHEET ALUMINUM SIGNS	SQ FT	11609.40	48455.33	4.174
8811	EXTRUDED ALUMINUM SIGNS	SQ FT	15076.10	97514.42	6.468
8812	PLYWOOD SIGNS	SQ FT	3693.80	18525.05	5.015
8813	SHEET STEEL SIGNS	SQ FT	1569.50	6121.05	3.900
8814	ALUMINUM SHEET INCREMENT SIGNS	SQ FT	5325.20	29904.96	5.616
8816	STEEL STRUCTURAL SIGN POSTS	POUND	202202	99531.65	.492
8817	STEEL U SIGN POSTS	POUND	4632	2274.20	.491
8820	TUBULAR STEEL POSTS	POUND	9658	4615.04	.478
8821	TREATED TIMBER POSTS	MBM	45.15	25806.76	571.578
88252	TREATED TIMBER POLES-CLASS 2	L FT	86	172.00	2.000
88253	TREATED TIMBER POLES-CLASS 3	L FT	422	996.00	2.360
88254	TREATED TIMBER POLES-CLASS 4	L FT	885	2947.50	3.331
88256	TREATED TIMBER POLES-CLASS 6	L FT	32	64.00	2.000
8833	CHANGEABLE COPY SIGNS	EACH	1	625.00	625.000
8895	RR CROSSING PROTECTIVE SIGNS	EACH	26	4220.00	162.308
8896	ADVANCE WARNING SIGNS	EACH	29	2950.00	101.724
9015	STEEL GUARD RAIL-SQ WD POST	L FT	175883.50	425108.63	2.417
9016	STEEL GUARD RAIL-CONC POST	L FT	109375	289821.88	2.650
9023	STEEL MEDIAN RAIL-WOOD POST	L FT	49790.50	171486.45	3.444
9025	STEEL MEDIAN RAIL-STEEL POST	L FT	2316.80	17751.00	7.662
9040	ROUND WOOD GUIDE POSTS	EACH	2	30.00	15.000
9041	SAWN WOOD GUIDE POSTS	EACH	53	768.00	14.491
9042	CONCRETE GUIDE POSTS	EACH	15	195.00	13.000
9046	DESIGN A GUIDE POSTS	EACH	5131	21534.31	4.197
9047	DESIGN B GUIDE POSTS	EACH	1508	6907.11	4.580
9048	DESIGN C GUIDE POSTS	EACH	44	232.40	5.282
9049	DESIGN D GUIDE POSTS	EACH	138	824.00	5.971
9050	DESIGN E GUIDE POSTS	EACH	77	839.65	10.905
9051	DESIGN F GUIDE POSTS	EACH	468	2075.90	4.436
9110	PROJECT MARKER	EACH	80	2303.75	28.797
9120	STATION MARKER	EACH	743	7468.50	10.052
9130	RIGHT-OF-WAY MONUMENT	EACH	3407	27434.14	8.052
9205	ADJUST MANHOLES	EACH	21	1645.00	78.333
9215	ADJUST DROP INLETS	EACH	16	1225.00	76.563
9220	ADJUST VALVE BOXES	EACH	56	2670.00	47.679
9230	ADJUST WATER SHUT-OFFS	EACH	2	100.00	50.000
9304	RESET FIRE HYDRANT	EACH	3	1050.00	350.000
9305	RESET CATTLE GUARD	EACH	1	1000.00	1000.000
9306	RESET R-O-W MONUMENT	EACH	105	823.00	7.838
9307	RESET PROJECT MARKER	EACH	7	150.00	21.429
9308	RESET STATION MARKER	EACH	1	25.00	25.000
9309	RESET GUARD RAIL	L FT	587.50	1100.00	1.872
9314	RESET WATER VALVE BOXES	EACH	1	50.00	50.000
9316	RESET SIGNS	EACH	11	1100.00	100.000
9320	RESET IRRIGATION STRUCTURES	EACH	3	600.00	200.000
9419	18.5 FT SPP CULVERT	L FT	548	169880.00	310.000
9428	18 IN WELDED STEEL PIPE	L FT	76	912.00	12.000
9429	24 IN WELDED STEEL PIPE	L FT	52	676.00	13.000
94291	24IN STEEL PIPE-12G-TP A BITUM	L FT	30	300.00	10.000
9459	4 IN CAST IRON PIPE	L FT	10	100.00	10.000
9460	WATER SHUTOFF VALVE	EACH	1	75.00	75.000
9520	REMOVE CONCRETE CURB	L FT	252	176.40	.700
9523	REMOVE CONCRETE SIDEWALK	SQ YD	28	21.00	.750
9528	REMOVE FIRE HYDRANT	EACH	1	50.00	50.000
9530	REMOVE DROP INLET	EACH	16	425.00	26.563
9532	REMOVE WIRE FENCE	ROD	406.50	406.50	1.000
9534	REMOVE CATTLE GUARD	EACH	3	200.00	66.667
9536	REMOVE SIGNS	EACH	598	2085.00	3.487
9703	STPL SELECTED SURFACING	TON	10	20.00	2.000
9712	STPL 1IN TYPE A BASE SURF	CU YD	70	89.60	1.280
9722	STPL 1IN TYPE A BASE SURF	TON	210	234.00	1.114
9772	STPL 3/4IN TYPE A TOP SURF	TON	1050	1427.00	1.359
9773	STPL 5/8IN TYPE A TOP SURF	TON	15220	13785.00	.906
9779	STPL 3/4IN TYPE B TOP SURF	TON	50	50.00	1.000
9792	STPL 3/8IN COVER MATERIAL	TON	3000	6600.00	2.200
				$ 38408447.40	

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

41101	FLOOR DRAIN-CONC STRUCTURE	EACH	4	$ 180.00	45.000
41201	35 FT PRESTR BEAM-TYPE A	EACH	54	40548.00	750.889
41211	40 FT PRESTR BEAM-TYPE A	EACH	76	63036.00	829.421
41221	45 FT PRESTR BEAM-TYPE A	EACH	78	73020.00	936.154
41231	50 FT PRESTR BEAM-TYPE A	EACH	186	203082.00	1091.839
41241	55 FT PRESTR BEAM-TYPE A	EACH	73	90251.00	1236.315
41251	60 FT PRESTR BEAM-TYPE A	EACH	105	137790.00	1312.286
41261	65 FT PRESTR BEAM-TYPE A	EACH	58	79000.00	1362.069
41271	70 FT PRESTR BEAM-TYPE A	EACH	77	117548.00	1526.597
41361	30 FT PRESTR BEAM-TYPE B	EACH	12	6600.00	550.000
41371	35 FT PRESTR BEAM-TYPE B	EACH	16	9920.00	620.000
42201	FLOOR DRAIN-STEEL STRUCTURE	EACH	228	20698.00	90.781
45101	STRUCTURE EXCAVATION	CU YD	44802	191793.00	4.281
45501	SHORING AND CRIBS	L S	12	603000.00	50250.000
46101	CLASS A CONCRETE	CU YD	18654	1063211.00	56.996
46121	CLASS AD CONCRETE	CU YD	22707.20	1785219.42	78.619
47101	REINFORCING STEEL	POUND	5189366	738100.37	.142
48111	STRUCTURAL STEEL	L S	13	2181800.00	167830.769
51101	UNTREATED TIMBER	MBM	2.30	960.95	417.804
51201	TREATED TIMBER	MBM	61.53	27158.36	441.384
52001	PREBORE HOLES FOR PILES	L FT	4047.50	22896.25	5.657
52101	UNTREATED TIMBER TEST PILES	L S	7	15000.00	2142.857
52111	TREATED TIMBER TEST PILES	L S	14	31000.00	2214.286
52141	STEEL TEST PILES	L S	7	37913.00	5416.143
52151	FURNISH STEEL BEARING PILES	POUND	647146	69148.64	.107
52161	DRIVE STEEL BEARING PILES	L FT	15119	23161.55	1.532
52221	25 FT TREATED TIMBER PILES	EACH	30	3620.00	120.667
52231	30 FT TREATED TIMBER PILES	EACH	13	1960.00	150.769
52241	35 FT TREATED TIMBER PILES	EACH	3	555.00	185.000
52261	45 FT TREATED TIMBER PILES	EACH	2	490.00	245.000
52271	50 FT TREATED TIMBER PILES	EACH	14	3500.00	250.000
52311	FURNISH TREATED TIMBER PILES	L FT	20457	41587.00	2.033
52321	DRIVE TREATED TIMBER PILES	L FT	19862.50	39569.80	1.992
52361	FURNISH UNTREATED TMBR PILES	L FT	62122	75887.50	1.222
52371	DRIVE UNTREATED TMBR PILES	L FT	57392	79175.40	1.380
52611	FURN 14 IN PRESTR CONC PILES	L FT	350	2800.00	8.000
52711	DRIVE 14IN PRESTR CONC PILES	L FT	336	2352.00	7.000
53101	STEEL BEAM BRIDGE RAIL	L FT	9344.01	64411.24	6.893
53121	STEEL BRIDGE RAIL	L FT	20816.69	175012.80	8.407
53251	CORR ASBESTOS CEMENT SHEETS	L S	1	1800.00	1800.000
53261	GUARD FENCE	L FT	67.17	335.85	5.000
53401	DRAINAGE SYSTEM	L S	3	8000.00	2666.667
53551	SIGN SUPPORT SYSTEM	L S	1	2600.00	2600.000
				$ 8135692.13	

Maintenance Items

1390	HAUL AGGREGATE	TONMI	1392150.00	107742.75	.077
9704	STOCKPILE 3/8IN SANDING MAT.L	TON	68000.00	113950.00	1.676
9773	STPL 5/8IN TYPE A TOP SURF	TON	382500.00	290075.00	.758
9774	STPL 1/2IN TYPE A TOP SURF	TON	57500.00	41400.00	.720
9792	STPL 3/8IN COVER MATERIAL	TON	47500.00	108500.00	2.284
				$ 661667.75	

Total value of projects let to contract during the year, 1963 $ 48,214,374 37

(Does not include $19,788 for air conditioning Great Falls Office)