

### ESTIMATE OF QUANTITIES

NOTE: These quantities have been provided only as an estimate to the scope of the work. The contractor shall be solely responsible to evaluate the complete project as detailed in the notes, plans, and specifications and procedures necessary for the completion of the plan improvements and to submit the total project cost accordingly.

ITEM	QUANTITY			UNIT	DESCRIPTION
	PART 1	PART 2	TOTAL		
<b>STREET</b>					
201	Lump	Lump	Lump	Sum	Clearing & Grubbing
202	390	-	390	S.Y.	Pavement To Be Removed & Disposed of
202	2	3	5	Each	Temporary Barricade To Be Removed
202	245	-	245	L.F.	Pipe Removed (Ex 12" Storm)
202	1	-	1	Each	Pull Box Removed
202	85	-	85	L.F.	Circuit Cable Removed
203	21,800	-	21,800	C.Y.	Excavation Including Embankment (Basin)
203	6,160	4,810	10,970	C.Y.	Excavation Including Embankment (Street)
204	5,090	4,000	9,090	S.Y.	Subgrade Compaction
204	45	-	45	S.Y.	Subgrade Compaction
301	15	-	15	C.Y.	Asphalt Concrete Base
304	7	-	7	C.Y.	6" Aggregate Base
407	6	-	6	Gal.	Tack Coat for Surface Course (0.15 Gal./S.Y.)
407	4	-	4	Gal.	Tack Coat for Intermediate Course (0.10 Gal./S.Y.)
448	43	-	43	C.Y.	Asphalt Concrete, Surface Course (Medium Traffic), PG 64-22
448	43	-	43	C.Y.	Asphalt Concrete, Intermediate Course (Medium Traffic), PG 64-22
452	3,535	3,635	7,170	S.Y.	7" Non-Reinforced Portland Cement Concrete Pavement
452	1,100	-	1,100	S.Y.	7.5" Non-Reinforced Portland Cement Concrete Pavement
454	60	120	180	L.F.	Pavement Relief Joints
605	2,765	2,160	4,925	L.F.	4" Underdrain
608	3,405	665	4,070	S.F.	Concrete Walk
608	16	12	28	Each	Curb Ramps w/ Detectable Warnings
609	2,765	2,160	4,925	L.F.	Combination Curb & Gutter
614	Lump	Lump	Lump	Sum	Maintenance of Traffic
614	3	2	5	Each	Temporary Barricades
659	3,775	3,015	6,790	S.Y.	Seeding & Mulching
<b>STORM</b>					
601	25	-	25	C.Y.	Rock Channel Protection, Type C
604	7	6	13	Each	Curb & Gutter Inlet (AA-S125)
604	4	-	4	Each	Double Curb & Gutter Inlet (AA-S125)
604	2	3	5	Each	Standard Catch Basin (AA-S133)
604	5	2	7	Each	ODOT CB-1.2, Catch Basin No. 2-3
604	1	-	1	Each	ODOT CB-1.2, Catch Basin No. 2-3 (Mod.)
604	1	1	2	Each	Manhole, Type A, Class B (AA-S100)
604	3	2	5	Each	Manhole, Type A, Class C (AA-S100)
604	2	1	3	Each	Manhole, Type B, Class D (AA-S101)
604	1	-	1	Each	Manhole, Type B, Class D (AA-S101) Modified w/AA-S128 Grate & Frame
604	1	-	1	Each	Manhole, Type B, Class D (AA-S101) w/Grated Lid
604	-	2	2	Each	Manhole, Type B, Class E (AA-S101)
604	-	2	2	Each	Manhole, Type B, Class E (AA-S101) Modified w/2-AA-S128 Grate & Frames
604	1	1	2	Each	Manhole, Type B, Class K (AA-S101)
604	1	-	1	Each	Headwall 12" Pipe (AA-S168)
604	1	-	1	Each	Headwall 36" Pipe (AA-S168)
604	1	-	1	Each	Endwall 12" Pipe (AA-S169)
901	295	245	540	L.F.	12" Pipe (720.08, 720.12 or 706.02 Class IV), w/ Type I Bedding (202' w/Item 912, Granular Backfill in Phase 1, 99' w/Item 912, Granular Backfill in Phase 2)
901	-	80	80	L.F.	12" Pipe (720.08, 720.12 or 706.02 Class IV), w/ Type I Bedding and w/Watertight Sanitary Joints (901.15), Trench Dam (901.17) (10' w/Item 912, Granular Backfill in Phase 2)
901	145	-	145	L.F.	12" Reinforced Concrete Pipe with Joints per ASTM C-443
901	35	655	690	L.F.	15" Pipe (720.08, 720.12 or 706.02 Class IV), w/ Type I Bedding (31' w/Item 912, Granular Backfill in Phase 1)
901	30	-	30	L.F.	15" Pipe (720.08, 720.12 or 706.02 Class IV), w/ Type I Bedding and w/Watertight Sanitary Joints (901.15), Trench Dam (901.17) (5' w/Item 912, Granular Backfill in Phase 1)
901	315	-	315	L.F.	18" Pipe (720.08, 720.12 or 706.02 Class III), w/ Type I Bedding (5' w/Item 912, Granular Backfill in Phase 1)
901	60	-	60	L.F.	18" Pipe (720.08, 720.12 or 706.02 Class IV), w/ Type I Bedding and w/Watertight Sanitary Joints (901.15), Trench Dam (901.17)
901	350	165	515	L.F.	24" Pipe (720.08, 720.12 or 706.02 Class III), w/ Type I Bedding
901	70	-	70	L.F.	24" Pipe (720.08, 720.12 or 706.02 Class IV), w/ Type I Bedding and w/Watertight Sanitary Joints (901.15), Trench Dam (901.17) (36' w/Item 912, Granular Backfill in Phase 1)
901	725	60	785	L.F.	30" Pipe (720.08, 720.12 or 706.02 Class II), w/ Type I Bedding
901	110	160	270	L.F.	30" Pipe (720.08, 720.12 or 706.02 Class II), w/ Type I Bedding and w/Watertight Joints (901.15), Trench Dam (901.17) (5' w/Item 912, Granular Backfill in Phase 1, 48' w/Item 912, Granular Backfill in Phase 2)
901	40	180	220	L.F.	36" Pipe (720.08, 720.12 or 706.02 Class II), w/ Type I Bedding (49' w/Item 912, Granular Backfill in Phase 2)
901	-	110	110	L.F.	36" Pipe (720.08, 720.12 or 706.02 Class II), w/ Type I Bedding and w/Watertight Joints (901.15), Trench Dam (901.17) (5' w/Item 912, Granular Backfill in Phase 1)
901	60	-	60	L.F.	36" Pipe (720.08, 720.12 or 706.02 Class II), w/ Type I Bedding and Concrete Encasement (36' w/Item 912, Granular Backfill in Phase 1)
<b>WATER</b>					
801	25	15	40	L.F.	6" Ductile Iron Water Pipe Class 53, (Include F.H. Leads)
801	1,810	1,185	2,995	L.F.	8" C900 or C909 Water Pipe & Appurtenances
802	5	3	8	Each	6" Valves w/ Std. Box (Includes Hydrant Valves)
802	7	4	11	Each	8" Valves w/ Std. Box
803	1	-	1	Each	16"x8" Tapping Sleeve and Valve and Appurtenances (w/ Heavy Duty Valve Box)
805	15	18	33	Each	3/4" Water Service (Short)
805	15	12	27	Each	3/4" Water Service (Long)
809	5	3	8	Each	Fire Hydrant (Type B)
Spec.	Lump	Lump	Lump	Sum	Survey Coordinates
<b>LIGHTING</b>					
1000	9	7	16	Each	Street Lights MIS-21 & MIS-150 & MIS-29
1000	9	7	16	Each	Pole-To Be Wired, MIS-41
1000	1,425	1,070	2,590	L.F.	Circuit Cable-Street Light, MIS-15, MIS-14
1000	105	70	175	L.F.	3" Rigid Steel Conduit (Under Pvmnt.) MIS-63
1000	7	4	11	Each	Pull Box, MIS-4
<b>EROSION CONTROL</b>					
207	13	7	20	Each	Filter Fabric Inlet Protection
207	16	8	24	Each	Dandy Curb Bag
207	1	-	1	Each	Stabilized Construction Entrance
207	910	1,115	2,025	L.F.	Orange Sediment Fence
207	1	-	1	Each	Concrete Washout Area
207	1	-	1	Each	Sediment Basin Riser Pipe
667	2,260	-	2,260	S.Y.	Seeding & Jute Matting
<b>PAVEMENT MARKING &amp; SIGNING</b>					
630	40	-	40	L.F.	Sign, Flat Sheet, Type G
630	40	-	40	L.F.	Ground Mounted Support
630	4	1	5	Each	Type III Barricade
630	10	6	16	Each	Street Name Sign
630	4	3	7	Each	Street Name Sign Support
644	40	-	40	L.F.	Channelizing Line
644	110	-	110	L.F.	Center Line, Double Yellow
644	1	-	1	Each	Word on Pavement, 72 Inch
644	2	-	2	Each	Lane Arrow

HORIZ SCALE



CALCULATED CHECKED

ESTIMATE OF QUANTITIES

PROJECT NAME

