

CITY OF ASHLAND COST ESTIMATE				
PROJECT NAME: CLAY STREET IMPROVEMENTS				
KIND OF WORK: STREET IMPROVEMENTS		LENGTH	ESTIMATE PREPARER	KJJ
		3,350		
ITEM	UNIT	AMOUNT	UNIT COST	TOTAL
MOBILIZATION AND TRAFFIC CONTROL				
MOBILIZATION	LS	1	10%	\$284,595
TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	1	5%	\$135,521
EROSION AND SEDIMENT CONTROL				
EROSION CONTROL	LS	1	1%	\$26,315
ROADWORK				
CONSTRUCTION SURVEY WORK	LS	1	2%	\$52,630
REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	\$ 25,000.00	\$25,000
REMOVAL OF CURBS	FOOT	60	\$ 7.00	\$420
REMOVAL OF PIPES	FOOT	3,350	\$ 12.00	\$40,200
REMOVAL OF SURFACINGS	SQYD	6,700	\$ 5.00	\$33,500
REMOVAL OF WALKS AND DRIVEWAYS	SQYD	0	\$ 14.00	\$0
CLEARING AND GRUBBING	ACRE	0.25	\$ 20,000.00	\$5,000
GENERAL EXCAVATION	CUYD	1,954	\$ 20.00	\$39,083
12 INCH SUBGRADE STABILIZATION	SQYD	0	\$ 18.00	\$0
24 INCH SUBGRADE STABILIZATION	SQYD	13,400	\$ 24.00	\$321,600
SUBGRADE GEOTEXTILE	SQYD	13,400	\$ 1.50	\$20,100
DRAINAGE AND SEWERS				
18 INCH CULVERT PIPE, 5 FT DEPTH	FOOT	0	\$ 75.00	\$0
12 INCH STORM SEWER PIPE, 5 FT DEPTH	FOOT	1,321	\$ 55.00	\$72,637
18 INCH STORM SEWER PIPE, 5 FT DEPTH	FOOT	1,117	\$ 65.00	\$72,583
24 INCH STORM SEWER PIPE, 10 FT DEPTH	FOOT	1,117	\$ 85.00	\$94,917
36 INCH STORM SEWER PIPE, 10 FT DEPTH	FOOT	0	\$ 150.00	\$0
48 INCH STORM SEWER PIPE, 10 FT DEPTH	FOOT	0	\$ 180.00	\$0
CONCRETE STORM SEWER MANHOLES	EACH	4	\$ 3,500.00	\$14,000
CONCRETE INLETS, TYPE CG-2	EACH	12	\$ 1,800.00	\$21,600
ADJUSTING INLETS	EACH	0	\$ 600.00	\$0
MAJOR ADJUSTMENT OF MANHOLES	EACH	12	\$ 925.00	\$11,100
STORMWATER TREATMENT MANHOLE	EACH	1	\$ 10,000.00	\$10,000
BASES				
COLD PLANE PAVEMENT REMOVAL, 0 - 2 INCH DEEP	SQYD	0	\$ 4.00	\$0
COLD PLANE PAVEMENT REMOVAL, 2 INCH DEEP	SQYD	0	\$ 2.00	\$0
AGGREGATE BASE	TON	15,802	\$ 32.00	\$505,670
AGGREGATE SHOULDERS	TON	0	\$ 29.00	\$0
WEARING SURFACES				
ASPHALT IN TACK COAT	TON	0	\$ 420.00	\$0
LEVEL 2, 1/2 INCH DENSE MHMAC	TON	0	\$ 80.00	\$0
LEVEL 3, 1/2 INCH DENSE MHMAC	TON	3,559	\$ 100.00	\$355,938
EXTRA FOR ASPHALT APPROACHES	EACH	59	\$ 750.00	\$44,250
REINFORCED CONCRETE DRIVEWAYS	SQYD	640	\$ 110.00	\$70,400
CONCRETE CURBS	FOOT	0	\$ 30.00	\$0
CURB AND GUTTER CONCRETE CURBS	FOOT	6,700	\$ 30.00	\$201,000
CONCRETE WALKS	SQFT	28,550	\$ 5.00	\$142,750
CONCRETE DRIVEWAYS	SQFT	4,950	\$ 8.00	\$39,600
HANDICAP ACCESS RAMPS	EACH	14	\$ 6,500.00	\$91,000
PAVEMENT CUTTING	FOOT	1,246	\$ 2.00	\$2,492
PERMANENT TRAFFIC CONTROL AND GUIDANCE DEVICES				
PAVEMENT LEGEND, TYPE D: ARROWS	EACH	2	\$ 260.00	\$520
PAVEMENT LEGEND, TYPE D: "SCHOOL CROSSING"	EACH	2	\$ 650.00	\$1,300
PAVEMENT LEGEND, TYPE D: BICYCLE LANE SYMBOLS	EACH	10	\$ 275.00	\$2,750
PAVEMENT LINE, TYPE D	SQFT	300	\$ 7.00	\$2,100
THERMOPLASTIC, PROFILE, 90 MIL, EXTRUDED	FOOT	10,050	\$ 1.00	\$10,050
PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS				
PERMANENT SIGNS	LS	1	1%	\$23,666
STREET LIGHTS SINGLE - INCLUDING CONNECTIONS, WIRING, CONDUIT	EACH	27	\$ 9,000.00	\$241,200
RIGHT-OF-WAY DEVELOPMENT AND CONTROL				
PERMANENT SEEDING, MIX NO. 1	ACRE	0.25	\$ 5,000.00	\$1,250
SINGLE MAILBOX SUPPORTS	EACH	5	\$ 250.00	\$1,250
MULTIPLE MAILBOX SUPPORTS	EACH	23	\$ 400.00	\$9,200
FENCING	FOOT	0	\$ 45.00	\$0
LANDSCAPING	LS	1	\$ 100,000.00	\$100,000
IRRIGATION PIPE SLEEVES	FOOT	336	\$ 10.00	\$3,360
CONSTRUCTION SUBTOTAL				\$3,130,546
<i>For Projects Developed by Consultants:</i>				
CONSULTANT PRELIMINARY ENGINEERING*			\$ 0.20	\$626,109
CONSULTANT CONSTRUCTION ENGINEERING			\$ 0.17	\$532,193
ODOT PRELIMINARY ENGINEERING OVERSIGHT	LS	1	\$ 20,000.00	\$20,000
ODOT CONSTRUCTION ENGINEERING OVERSIGHT	LS	1	\$ 20,000.00	\$20,000
CONTINGENCIES			\$ 0.20	\$626,109
BID SUBTOTAL				\$4,954,958
RIGHT OF WAY ESTIMATE (process only, add cost of land)	FILES	10	\$ 10,000.00	\$100,000
TOTAL COST ESTIMATE				\$5,054,958