

COL-FAIRFIELD SCH. RD. / LISBON ST. - ENGINEER'S ESTIMATED CONSTRUCTION COSTS (FINAL)

ITEM NUMBER	ESTIMATED QUANTITIES	UNIT	DESCRIPTION	UNIT PRICE	ESTIMATED COST
ROADWAY					
201	LUMP	SUM	Clearing and Grubbing	\$15,000.00	\$15,000.00
202	349	S.Y.	Pavement Removed	\$30.00	\$10,470.00
202	2,737	S.Y.	Pavement Removed, As Per Plan	\$20.00	\$54,740.00
202	592	S.F.	Walk Removed	\$5.00	\$2,960.00
202	322	FOOT	Curb Removed	\$14.00	\$4,508.00
202	211	FOOT	Pipe Removed, 24" and Under	\$20.00	\$4,220.00
202	4	EACH	Catch Basin Removed	\$1,000.00	\$4,000.00
204	3,047	S.Y.	Subgrade Compaction	\$5.00	\$15,235.00
204	400	C.Y.	Excavation of Subgrade	\$40.00	\$16,000.00
204	400	C.Y.	Granular Embankment	\$80.00	\$32,000.00
204	2,800	S.Y.	Geotextile Fabric	\$5.00	\$14,000.00
209	210	FOOT	Ditch Cleanout, As Per Plan	\$35.00	\$7,350.00
209	21.2	STA.	Linear Grading, As Per Plan	\$1,500.00	\$31,800.00
209	208	S.Y.	Linear Grading, Misc.: Lisbon Street	\$30.00	\$6,240.00
608	170	S.F.	4" Concrete Walk, As Per Plan	\$22.00	\$3,740.00
608	249	S.F.	6" Concrete Walk, As Per Plan	\$23.00	\$5,727.00
608	138	S.F.	Curb Ramp, As Per Plan, (Type A1)	\$35.00	\$4,830.00
608	102	S.F.	Curb Ramp, As Per Plan, (Type B3)	\$35.00	\$3,570.00
608	8	S.F.	Detectable Warning, As Per Plan	\$50.00	\$400.00
SUBTOTAL ROADWAY					\$236,790.00
EROSION CONTROL					
659	80	C.Y.	Topsoil	\$125.00	\$10,000.00
659	3,137	S.Y.	Seeding and Mulching, Class 1	\$3.25	\$10,195.25
659	0.53	TON	Commercial Fertilizer	\$2,000.00	\$1,060.00
659	0.73	ACRE	Lime	\$2,000.00	\$1,460.00
659	25.42	M GAL.	Water	\$75.00	\$1,906.50
670	478	S.Y.	Ditch Erosion Protection	\$5.00	\$2,390.00
832	10,000	EACH	Erosion Control	\$1.00	\$10,000.00
SUBTOTAL EROSION CONTROL					\$37,011.75
DRAINAGE					
601	11	S.Y.	Riprap, Type D, As Per Plan	\$300.00	\$3,300.00
601	6	C.Y.	Crushed Aggregate Slope Protection, As Per Plan	\$600.00	\$3,600.00
611	1,078	FOOT	12" Conduit, Type B	\$80.00	\$86,240.00
611	28	FOOT	12" Conduit, Type C	\$150.00	\$4,200.00
611	57	FOOT	12" Conduit, Type D	\$80.00	\$4,560.00
611	75	FOOT	15" Conduit, Type B	\$90.00	\$6,750.00
611	43	FOOT	15" Conduit, Type C	\$175.00	\$7,525.00
611	53	FOOT	24" Conduit, Type B	\$250.00	\$13,250.00
611	39	FOOT	24" Conduit, Type C	\$225.00	\$8,775.00
611	16	FOOT	Conduit Misc.: Pipe Removed, Cleaned, and Re-Installed	\$125.00	\$2,000.00
611	85	FOOT	Conduit Misc.: Pipe Cleanout	\$35.00	\$2,975.00
611	1	EACH	Catch Basin, No. 3, As Per Plan	\$3,500.00	\$3,500.00
611	1	EACH	Catch Basin, No. 3A, As Per Plan	\$3,000.00	\$3,000.00
611	15	EACH	Catch Basin, No. 2-2B	\$2,500.00	\$37,500.00
611	3	EACH	Catch Basin, No. 2-3	\$3,000.00	\$9,000.00
611	3	EACH	Catch Basin Adjusted to Grade, As Per Plan	\$2,000.00	\$6,000.00
611	1	EACH	Inlet Reconstructed to Grade, As Per Plan (Sta. 59+83)	\$3,500.00	\$3,500.00
611	1	EACH	Inlet Reconstructed to Grade, As Per Plan (Sta. 60+19)	\$4,000.00	\$4,000.00
611	6	EACH	Manhole, No. 3, As Per Plan	\$3,500.00	\$21,000.00
611	22	EACH	Manhole Adjusted to Grade, As Per Plan	\$2,500.00	\$55,000.00
611	1	EACH	Manhole Misc.: Manhole No. 3, 72" Base I.D., Eccentric Cone Top	\$5,000.00	\$5,000.00
SPECIAL	2,000	POUND	Miscellaneous Metal	\$3.50	\$7,000.00
SUBTOTAL DRAINAGE					\$297,675.00

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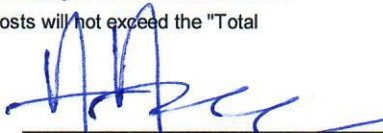
ITEM NUMBER	ESTIMATED QUANTITIES	UNIT	DESCRIPTION	UNIT PRICE	ESTIMATED COST
PAVEMENT					
254	8,127	S.Y.	Pavement Planing, Asphalt Concrete, As Per Plan (T=1-1/2"+/-)	\$2.25	\$18,285.75
254	7,016	S.Y.	Pavement Planing, Asphalt Concrete, As Per Plan (T=3"+/-)	\$3.00	\$21,048.00
255	100	S.Y.	Full Depth Pavement Removal and Rigid Replacement, Class QC MS, As Per Plan	\$200.00	\$20,000.00
301	225	C.Y.	Asphalt Concrete Base, PG64-22, (449)	\$250.00	\$56,250.00
304	512	C.Y.	Aggregate Base, As Per Plan	\$75.00	\$38,400.00
305	164	S.Y.	Concrete Base Misc.: 8" Concrete Base, Class QC MS	\$125.00	\$20,500.00
305	50	S.Y.	Concrete Base Misc.: 12" Concrete Base, Class QC MS	\$135.00	\$6,750.00
407	1,036	GAL.	Tack Coat	\$3.00	\$3,108.00
407	1,550	GAL.	Tack Coat, 702.13	\$3.50	\$5,425.00
441	677	C.Y.	Asphalt Concrete Surface Course, Type 1, (448), As Per Plan, (PG64-22)	\$250.00	\$169,250.00
441	888	C.Y.	Asphalt Concrete Intermediate Course, Type 2, (448)	\$240.00	\$213,120.00
452	65	S.Y.	6" Non-Reinforced Concrete Pavement, Class QC MS	\$100.00	\$6,500.00
609	269	FOOT	Curb, Type 6	\$50.00	\$13,450.00
SPECIAL	398	S.Y.	Pavement Planing, Asphalt Concrete, (Railroad Bridge)	\$50.00	\$19,900.00
SPECIAL	8,127	S.Y.	Hauling and Stockpiling of Pavement Planing Cuttings (T=1-1/2"+/-)	\$1.50	\$12,190.50
SPECIAL	7,414	S.Y.	Hauling and Stockpiling of Pavement Planing Cuttings (T=3"+/-)	\$1.75	\$12,974.50
SUBTOTAL PAVEMENT					\$637,151.75
SANITARY SEWER					
611	20	FOOT	Conduit Misc.: Sanitary Force Main Relocation	\$500.00	\$10,000.00
SUBTOTAL SANITARY SEWER					\$10,000.00
WATER WORK					
638	5	EACH	Valve Box Adjusted To Grade, As Per Plan	\$700.00	\$3,500.00
638	20	FOOT	Water Work Misc.: Existing Waterline Relocation	\$300.00	\$6,000.00
SUBTOTAL WATER					\$9,500.00
TRAFFIC CONTROL					
644	1.67	MILE	Edge Line, 4"	\$6,000.00	\$10,020.00
644	1.15	MILE	Center Line	\$10,000.00	\$11,500.00
644	80	FOOT	Stop Line	\$12.50	\$1,000.00
644	339	FOOT	Crosswalk Line, 12"	\$6.25	\$2,118.75
SUBTOTAL TRAFFIC CONTROL					\$24,638.75
MAINTENANCE OF TRAFFIC					
614	200	C.Y.	Maintaining Traffic Misc.: Temporary 304 Aggregate Base	\$85.00	\$17,000.00
614	2.30	MILE	Work Zone Centerline, Class 1, 642 Paint	\$5,000.00	\$11,500.00
614	1.15	MILE	Work Zone Centerline, Class 1, 740.06, Type 1	\$9,000.00	\$10,350.00
616	10	M GAL.	Water	\$70.00	\$700.00
SUBTOTAL MAINTENANCE OF TRAFFIC					\$39,550.00

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ITEM NUMBER	ESTIMATED QUANTITIES	UNIT	DESCRIPTION	UNIT PRICE	ESTIMATED COST
MISCELLANEOUS					
614	LUMP	SUM	Maintaining Traffic	\$110,000.00	\$110,000.00
619	4.0	MONTH	Field Office, Type B	\$1,500.00	\$6,000.00
623	LUMP	SUM	Construction Layout Stakes and Surveying	\$12,000.00	\$12,000.00
624	LUMP	SUM	Mobilization	\$40,000.00	\$40,000.00
SUBTOTAL MISCELLANEOUS					\$168,000.00
ENGINEER'S ESTIMATED CONSTRUCTION COSTS					
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The above Total Estimated Construction Cost is based upon item cost information available to the Engineer and the Engineer's experience and qualifications on past projects similar in nature as well as the Engineer's best judgment as a professional engineer. The Engineer has no control over the cost of materials, equipment, labor or other services provided by others due to fluctuating market conditions and/or competitive bidding; therefore, the Engineer cannot and does not guarantee that the actual total project costs will not exceed the "Total Estimated Construction Cost" shown above.





 Dallis Dawson, P.E., P.S.