

**Newtown Road Bike Lane (PS&E CERT) Submittal Estimate  
Highway 49 to Champion Road 4150'+-**

**ENGINEERS ESTIMATE**

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
1	TRAFFIC CONTROL	LS	1	20,000.00	\$20,000.00
2	CLEARING & GRUBBING	LS	1	15,000.00	\$15,000.00
3	BIOLOGIST (Contractor Supplied)	LS	1	2,500.00	\$2,500.00
4	CONSTRUCTION STAKING	LS	1	7,500.00	\$7,500.00
4	EARTHWORK (Final Pay)	CY	1700	50.00	\$85,000.00
5	ASPHALT CONCRETE (Type B)	TON	1300	88.00	\$114,400.00
6	AGGREGATE BASE (Class 2)	CY	2230	60.00	\$133,800.00
7	IMPORT BORROW	CY	1200	32.00	\$38,400.00
8	CULVERT PIPE (36"HDPE)	LF	94	225.00	\$21,150.00
9	CULVERT PIPE (24"HDPE)	LF	197	140.00	\$27,580.00
10	CULVERT PIPE (18"HDPE)	LF	26	120.00	\$3,120.00
11	CULVERT PIPE (15"HDPE)	LF	128	100.00	\$12,800.00
12	CULVERT PIPE (12"HDPE)	LF	180	80.00	\$14,400.00
13	DRAIN INLET (30")	EA	1	1,500.00	\$1,500.00
14	CONCRETE HEADWALL	EA	2	3,500.00	\$7,000.00
15	AC DIKE (Type A)	LF	1060	8.50	\$9,010.00
16	AC PAVED DITCH	LF	1575	15.00	\$23,625.00
17	AC PAVED TRAP DITCH	LF	311	35.00	\$10,885.00
18	AC "V" DITCH	LF	110	25.00	\$2,750.00
19	AC OVERSIDE DRAIN	EA	3	1,000.00	\$3,000.00
20	DRIVEWAYS (Asphalt Concrete)	SF	7220	4.50	\$32,490.00
21	ROCK SLOPE PROTECTION (No.1)	CY	11	130.00	\$1,430.00
22	ROCK SLOPE PROTECTION (No.2)	CY	15	120.00	\$1,800.00
23	NOT USED				\$0.00
24	INSTALL NEW SIGNS	EA	10	350.00	\$3,500.00
25	FENCES (Wire)	LF	410	9.00	\$3,690.00
26	FENCES (Wood-6-ft)	LF	60	25.00	\$1,500.00
27	LEAD COMPLIANCE	LS	1	1,500.00	\$1,500.00
28	ROAD STRIPING & MARKINGS	LS	1	9,000.00	\$9,000.00
29	EROSION CONTROL (SWPPP)	LS	1	10,000.00	\$10,000.00
30	AC OVERLAY 015' (Type B)	TON	1400	84.00	\$117,600.00
<b>CONTINGENCY ITEMS</b>					
31	FABRIC	SF	2000	0.60	\$1,200.00
32	2"-3" CLEAN CRUSHED ROCK	CY	100	53.00	\$5,300.00
33	ROCK EXCAVATION	CY	100	90.00	\$9,000.00

\$751,430.00

CONTINGENCY \$48,570.00

**CONST. TOTAL \$800,000.00**

**CONST. ENG. 10% \$80,000.00**

**TOTAL PROJECT COST \$880,000.00**

**BUDGET PURPOSE \$880,000.00**

11' LANES 4' SHOULDERS PAVED

Structural section:

AB (Class 2) = 0.50'

AC (Type B) = 0.25'

AC (TypeB) = 0.25'

Misc. signs & Mailbox to be included into Clearing & Grubbing

  
 3/2/2016  
 TIM WOOD