

Cost Estimate					
Category No.	Item Description	Quantity	Unit	Unit Price	Price
<b>Category 1 - Preliminary</b>					
N/A	65% of Cat's 2, 4, 5, and 6	1	LS	\$1,137,423.95	\$1,137,423.95
<b>Category 1 Total:</b> \$1,137,423.95					
<b>Category 2 - Grading</b>					
201032	CLASS 2 EXCAVATION	223	CY	\$ 60.00	\$13,380.00
210019	SAW CUTS	6000	LF	\$ 5.00	\$30,000.00
202065	COMMON BORROW	777	CY	\$ 30.00	\$23,310.00
<b>Category 2 Total:</b> \$66,690.00					
<b>Category 3 - Drainage</b>					
N/A	40% of Cat's 2, 4, 5, and 6	1	LS	\$699,953.20	\$699,953.20
<b>Category 3 Total:</b> \$699,953.20					
<b>Category 4 - Structures</b>					
N/A	NONE WITHIN PROJECT SCOPE				\$0.00
<b>Category 4 Total:</b> \$0.00					
<b>Category 5 - Paving</b>					
504530	SUPERPAVE ASPHALT MIX 12.5MM FOR SURFACE, PG 64S-22, LEVEL 2	1,158	TON	\$ 125.00	\$144,750.00
504560	SUPERPAVE ASPHALT MIX 19.0MM FOR BASE, PG 64S-22, LEVEL 2	218	TON	\$ 120.00	\$26,160.00
508003	STANDARD MILLING ASPHALT PAVEMENT OVER 1 INCH TO 2.5 INCH DEPTH	10,651	SY	\$ 2.00	\$21,302.00
520113	6 INCH GRADED AGGREGATE BASE COURSE	1,334	SY	\$ 20.00	\$26,680.00
549001	5 INCH WHITE PAVEMENT MARKING PAINT LINES	6,000	LF	\$ 0.25	\$1,500.00
549003	5 INCH YELLOW PAVEMENT MARKING PAINT LINES	6,000	LF	\$ 0.25	\$1,500.00
549609	12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES	610	LF	\$ 10.00	\$6,100.00
-	PERMEABLE PAVER	3,055	SF	\$ 40.00	\$122,200.00
<b>Category 5 Total:</b> \$350,192.00					
<b>Category 6 - Shoulders</b>					
634101	STANDARD TYPE A CURB 8 INCH X 16 INCH MINIMUM	277	LF	\$ 50.00	\$13,850.00
634301	STANDARD TYPE A COMBINATION CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH MINIMUM DEPTH	2,115	LF	\$ 45.00	\$95,175.00
655105	5 INCH CONCRETE SIDEWALK	28,013	SF	\$ 12.00	\$336,156.00
655383	BRICK SIDEWALKS	12,796	SF	\$ 45.00	\$575,820.00
-	RECONSTRUCT DRY LAID STONE WALL	350	LF	\$ 200.00	\$70,000.00
-	GRANITE CURB	2,420	LF	\$ 100.00	\$242,000.00
<b>Category 6 Total:</b> \$1,333,001.00					
<b>Category 7 - Landscaping</b>					
N/A	13% of Cat's 2, 4, 5, and 6	1	LS	\$227,484.79	\$227,484.79
<b>Category 7 Total:</b> \$227,484.79					
<b>Category 8 - Traffic</b>					
801104	WOOD SIGN SUPPORTS 4 INCH X 4 INCH	100	LF	\$15.00	\$1,500.00
801605	SHEET ALUMINUM SIGNS	63	SF	\$40.00	\$2,520.00
<b>Category 8 Total:</b> \$4,020.00					
<b>Contingency &amp; Extended Total</b>					
<b>Subtotal Cat's 1-8:</b> \$3,818,764.94					
<b>Contingency (40%):</b> \$1,527,505.98					
<b>Total:</b> \$5,346,270.92					
100%					

21% 65% based on page F-12 of cost estimating manual

21%

0%

0% Based on excavation required for "transition corridor" (2 CF per LF) \* length of improvements (~3000 LF)

1% Quantity based on length of improvements \* 2 (sawcut each side of road)

0% Based on fill required for "transition corridor" (9 CF per LF) \* length of improvements (and subtracting the Class 2 excavation quantity)

1%

0%

13% 40% based on page F-13 of cost estimating manual

13%

0%

0%

3% Assume 2" Surface for the area milled and 145 PCF unit weight

0% Assume 6" Base for patch 1" wide (each side of road) x 3000 LF project length and 145 PCF unit weight

0% Assume full project limits (M&O area measured in CAD at 95,856 SF)

0% Assume 2 lifts to achieve 12" for patch 1" wide (each side of road) x 3000 LF project length

0% Quantity based on centerline length of improvements \* 2 (edge line stripe along each side of road)

0% Quantity based on centerline length of improvements \* 2 (centerline striping)

0% Quantity based on sum of crosswalk and stop bars

2% Not in SHA Standard; Unit price per Russ (measured in CAD at 3,055 SF)

7%

0% for back curb where needed behind sidewalk (measured in CAD)

2% (measured in CAD)

6% Quantity also includes concrete driveway aprons (measured in CAD)

11% Quantity also includes brick roadway pavers at Market & High (measured in CAD)

1% Not in SHA Standard; Unit Price assumed

5% Not in SHA Standard; Unit price per Russ

25%

0% 13% based on page F-14 of cost estimating manual

4%

0% Assumes 10 LF per post and 4 stop signs + 3 mid-block crossings with 2 signs each

0% Assume 6.25 SF per sign (based on 30"x30" stop sign) and 10 signs as noted above

0%

71%

29%