

**Highway 99 (78th Street to RR Crossing) Concept Plan
Option 1 - Minor Improvements
Comparative Cost Estimate**

Date: 5/1/2013
Analyst: Otak, Inc.

	Quantity	Unit	Unit Cost	Total Item Cost
Mainline (Hwy 99 - 78th Street to 63rd Street) Construction Costs				
Sidewalk and Pedestrian Ramp Improvements	1	LS	\$900,000	\$900,000
Pavement Inlay (2-inch)	1	LS	\$760,000	\$760,000
Stormwater Collection	1	LS	\$100,000	\$100,000
Transit Stop Relocation	5	Each	\$5,000	\$25,000
Landscaping	300	Each	\$400	\$120,000
Streetscape Amenities - Category I	150	Each	\$2,500	\$375,000
Utility Undergrounding (West Side Only)	4,500	LF	\$200	\$900,000
			SUBTOTAL	\$3,180,000
			Contingencies (30% of Subtotal)	\$954,000
			MAINLINE CONSTRUCTION COSTS SUBTOTAL	\$4,134,000
Pedestrian Improvements (Hwy 99 - south of 63rd Street) Construction Costs				
Multi-use Path Improvements	1	LS	\$121,000	\$121,000
Retaining Walls	2,800	SF	\$130	\$364,000
Hwy 99 Inlay/Restriping	1	LS	\$170,000	\$170,000
			SUBTOTAL	\$655,000
			Contingencies (30% of Subtotal)	\$196,500
			PEDESTRIAN IMPROVEMENTS COSTS SUBTOTAL	\$851,500
			CONSTRUCTION COSTS SUBTOTAL	\$4,985,500
Engineering / Design				
Preliminary Engineering (20% of Total Construction Costs)				\$997,100
Construction Engineering (15% of Total Construction Costs)				\$747,900
			ENGINEERING / DESIGN SUBTOTAL	\$1,745,000
			DESIGN & CONSTRUCTION SUBTOTAL	\$6,800,000
Right-of-Way / Property Restoration				
Right-of-Way Acquisition	10,000	SF	TBD	TBD
			RIGHT-OF-WAY SUBTOTAL	\$0
			TOTAL PROJECT COSTS	\$6,800,000

Notes:

- Sidewalk and ped ramp construction includes earthwork, curb, sidewalk, ADA ramps, traffic control, and erosion control on mainline Hwy 99 only. No construction costs are included for modifications to side streets.
- Pavement overlay includes 2-inch grind and inlay from curb to curb between 78th Street and 63rd Street, re-striping and traffic control.
- Transit Stop Relocation includes concrete pad, shelter w/ bench, and signage.
- Stormwater Collection includes replacing existing catch basins and reconnecting existing laterals
- Landscape includes one street tree in tree well every 30-ft O.C. average.
- Streetscape amenities includes: (1) category I amenity every 60 LF.
- Assumes sidewalks are installed using pervious concrete or the net increase in pervious pavement does not trigger Minimum Requirements 6 and 7.
- Multi-use path includes cement concrete path, grading, and curb and sidewalk at RR bridge.
- These costs are not based on itemized construction costs and are for comparison purposes only.**
- Costs are in 2013 dollars
- Based on Options 1, 2, 3A and 3B, dated May 2013.
- Assumes existing street level lighting will remain, not additional illumination included.