

**Metropolitan Water Reclamation District of Greater Chicago
Upper Salt Creek Watershed Detailed Watershed Plan
Total Conceptual Cost Report**

Alternative Name	SCUP-49
Problem Description	Project 1 addresses flooding issues, which include several homes, on the mainstem of the
Strategy	The channel improvements include approximately 2,800 ft of linear river channel and require an estimated
District Minimum	Met
Criteria for Funding:	
Recommended	Yes

	Unit	Quantity	Unit Cost	Base Cost	Maint. Cost	Replacement Cost	Notes/Issues
Pipe under pavement (city): 90 to 96 inches / box culvert (39 to 50 ft2)	lf	216	\$609	\$131,479	\$122,274	\$0	Helen Road
Pipe under pavement (city): Box culvert (51 to 60 ft2)	lf	338	\$661	\$223,164	\$207,539	\$0	Imperial Court
Pipe under pavement (city): 90 to 96 inches / box culvert (39 to 50 ft2)	lf	356	\$609	\$216,941	\$201,752	\$0	Pleasant Hill Boulevard
Pipe under pavement (city): 90 to 96 inches / box culvert (39 to 50 ft2)	lf	348	\$609	\$211,828	\$196,996	\$0	Michigan Avenue
Pipe under pavement (city): 90 to 96 inches / box culvert (39 to 50 ft2)	lf	347	\$609	\$211,462	\$196,657	\$0	Illinois Avenue
Channel treatment: Excavation	yd3	30100	\$11	\$321,468	\$0	\$0	
Channel treatment: Material to be hauled offsite	yd3	30100	\$12	\$353,675	\$0	\$0	
Channel treatment: Biostabilization	yd2	41000	\$64	\$2,626,870	\$2,442,949	\$629,011	

* Indicates item excluded from subtotal (e.g. land acquisition, buyouts)

Subtotal (direct costs)		\$4,296,887	\$3,368,166	\$629,011
Utility Relocation	4 %	\$171,875		
Mobilization \ General Conditions	5%	\$214,844		
Subtotal with Percent Allowances		\$4,683,606		
Contingency	30%	\$1,405,082		
Profit	5%	\$304,434		
Probable Construction Cost Estimate		\$6,393,123		
Design Engineering, Geotechnical, and Construction Management	10%	\$639,312		
Property Acquisition Cost:		\$0		
Total Conceptual Cost Estimate		\$11,029,612		

Additional Comments