

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

<b>Alternative Name</b>	SCUP-51
<b>Problem Description</b>	Project 3 will act to protect several structures upstream of the Margareth Reimer Reservoir
<b>Strategy</b>	The project includes expanding the culvert under this intersection from three 8.1 x 6.6 foot box culverts to two
<b>District Minimum</b>	Not Met
<b>Criteria for Funding:</b>	
<b>Recommended</b>	No

	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Base Cost</b>	<b>Maint. Cost</b>	<b>Replacement Cost</b>	<b>Notes/Issues</b>
Pipe under pavement (city): Box culvert (51 to 60 ft2)	lf	299	\$661	\$197,912	\$184,055	\$0	Palatine Road
Pipe under pavement (city): Box culvert (51 to 60 ft2)	lf	1050	\$661	\$694,082	\$645,485	\$0	Quentin / Palatine Roads
Channel treatment: Excavation	yd3	24000	\$11	\$256,320	\$0	\$0	
Channel treatment: Material to be hauled offsite	yd3	24000	\$12	\$282,000	\$0	\$0	
Channel treatment: Biostabilization	yd2	22760	\$64	\$1,458,233	\$1,356,135	\$349,178	

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

<b>Subtotal (direct costs)</b>				<b>\$2,888,547</b>	<b>\$2,185,675</b>	<b>\$349,178</b>
Utility Relocation	4 %			\$115,542		
Mobilization \ General Conditions	5%			\$144,427		
<b>Subtotal with Percent Allowances</b>				<b>\$3,148,516</b>		
Contingency	30%			\$944,555		
Profit	5%			\$204,654		
<b>Probable Construction Cost Estimate</b>				<b>\$4,297,725</b>		
Design Engineering, Geotechnical, and Construction Management	10%			\$429,772		
Property Acquisition Cost:				\$0		
<b>Total Conceptual Cost Estimate</b>				<b>\$7,262,350</b>		

**Additional Comments**