

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

<b>Alternative Name</b>	SCWB-52
<b>Problem Description</b>	Project 4 addresses the flooding issues of several commercial buildings along State
<b>Strategy</b>	Overbank flooding is caused by channel backwater effects starting at on online detention basin between
<b>District Minimum</b>	Met
<b>Criteria for Funding:</b>	
<b>Recommended</b>	Yes

	<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): 90 to 96 inches / box culvert (39 to 50 ft2)	lf	340	\$609	\$206,958	\$192,468	\$0	Remmington Road
Pipe under pavement (city): 90 to 96 inches / box culvert (39 to 50 ft2)	lf	120	\$609	\$73,044	\$67,930	\$0	State Parkway
Channel treatment: Excavation	yd3	1435	\$11	\$15,328	\$0	\$0	
Channel treatment: Material to be hauled offsite	yd3	1435	\$12	\$16,863	\$0	\$0	
Channel treatment: Biostabilization	yd2	2101	\$64	\$134,617	\$125,192	\$32,235	

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

<b>Subtotal (direct costs)</b>				<b>\$446,811</b>	<b>\$385,590</b>	<b>\$32,235</b>
Utility Relocation			4 %	\$17,872		
Mobilization \ General Conditions			5%	\$22,341		
<b>Subtotal with Percent Allowances</b>				<b>\$487,024</b>		
Contingency			30%	\$146,107		
Profit			5%	\$31,657		
<b>Probable Construction Cost Estimate</b>				<b>\$664,787</b>		
Design Engineering, Geotechnical, and Construction Management			10%	\$66,479		
Property Acquisition Cost:				\$0		
<b>Total Conceptual Cost Estimate</b>				<b>\$1,149,091</b>		

**Additional Comments**