

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

<b>Alternative Name</b>	SCAH-50
<b>Problem Description</b>	Project 2 addresses flooding issues of several homes along the Arlington Heights branch
<b>Strategy</b>	The project includes expanding the culverts under Dundee Road from a 10.5 x 7 foot box culvert to two 10 x 7
<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): 72 to 84 inches / box culvert (28 to 38 ft2)	lf	266	\$425	\$113,225	\$105,298	\$0	Dundee Road
Pipe under pavement (city): 90 to 96 inches / box culvert (39 to 50 ft2)	lf	177	\$609	\$107,557	\$100,027	\$0	Cherrywood Drive
Channel treatment: Excavation	yd3	2980	\$11	\$31,826	\$0	\$0	
Channel treatment: Material to be hauled offsite	yd3	2980	\$12	\$35,015	\$0	\$0	
Channel treatment: Biostabilization	yd2	5736	\$64	\$367,506	\$341,775	\$88,000	

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

<b>Subtotal (direct costs)</b>				<b>\$655,130</b>	<b>\$547,099</b>	<b>\$88,000</b>
Utility Relocation			4 %	\$26,205		
Mobilization \ General Conditions			5%	\$32,756		
<b>Subtotal with Percent Allowances</b>				<b>\$714,091</b>		
Contingency			30%	\$214,227		
Profit			5%	\$46,416		
<b>Probable Construction Cost Estimate</b>				<b>\$974,734</b>		
Design Engineering, Geotechnical, and Construction Management			10%	\$97,473		
Property Acquisition Cost:				\$0		
<b>Total Conceptual Cost Estimate</b>				<b>\$1,707,307</b>		

**Additional Comments**