



Iron Bridge – Design Improvements

West Berm

Recommended Improvements	Location																				
<ul style="list-style-type: none"> ▪ Remove all dead Colorado Spruce and transplant healthy trees to other locations (plant in groupings to promote ease of mowing) ▪ Replace berm trees with drought-tolerant species such as Caragana to create shelter belt ▪ Spray, strip and remove all existing vegetation ▪ Complete soil tests, add topsoil and re-grade as necessary ▪ Hydromulch with drought tolerant dryland naturalized grass mix and fertilizer ▪ Install temporary irrigation using existing turf valves until turf is fully established ▪ Install temporary drip lines for new trees using existing turf valves ▪ Add environmental reserve signage 																					
Deficiencies & Maintenance Issues	Budget Estimate																				
<ul style="list-style-type: none"> ▪ Can only access trees with water truck from pathway which causes damage to asphalt ▪ Trees exposed to pesticides from adjacent field ▪ Trees on top of berm have difficulty retaining water ▪ Tree spacing makes it extremely difficult to mow ▪ Can only access berm with mower in dry conditions ▪ Large presence of thistle, dandelions, and foxtail due to proper turf never being established ▪ Significant gopher presence on berm which is affecting tree health and intrusion on adjacent properties 	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Tree removal, relocation & replacement</td> <td style="text-align: right; padding: 2px;">\$15,000</td> </tr> <tr> <td style="padding: 2px;">Spraying</td> <td style="text-align: right; padding: 2px;">\$4,500</td> </tr> <tr> <td style="padding: 2px;">Soil Preparation</td> <td style="text-align: right; padding: 2px;">\$5,500</td> </tr> <tr> <td style="padding: 2px;">Hydromulch</td> <td style="text-align: right; padding: 2px;">\$27,500</td> </tr> <tr> <td style="padding: 2px;">Temporary Irrigation</td> <td style="text-align: right; padding: 2px;">\$8,000</td> </tr> <tr> <td style="padding: 2px;">Signage</td> <td style="text-align: right; padding: 2px;">\$1,000</td> </tr> <tr> <td style="padding: 2px;"><i>Subtotal</i></td> <td style="text-align: right; padding: 2px;"><i>\$61,500</i></td> </tr> <tr> <td style="padding: 2px;"><i>PST</i></td> <td style="text-align: right; padding: 2px;"><i>\$3,690</i></td> </tr> <tr> <td style="padding: 2px;"><i>Contingency</i></td> <td style="text-align: right; padding: 2px;"><i>\$3,075</i></td> </tr> <tr> <td style="padding: 2px;">TOTAL</td> <td style="text-align: right; padding: 2px;">\$68,265</td> </tr> </table>	Tree removal, relocation & replacement	\$15,000	Spraying	\$4,500	Soil Preparation	\$5,500	Hydromulch	\$27,500	Temporary Irrigation	\$8,000	Signage	\$1,000	<i>Subtotal</i>	<i>\$61,500</i>	<i>PST</i>	<i>\$3,690</i>	<i>Contingency</i>	<i>\$3,075</i>	TOTAL	\$68,265
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South Berm

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Iron Bridge – Design Improvements

West Municipal Reserve

Recommended Improvements	Location																		
<ul style="list-style-type: none"> ▪ Expand irrigation system to non-swale areas ▪ Spray, strip and remove all existing vegetation ▪ Complete soil tests, add topsoil and grade as necessary ▪ Hydromulch with salt tolerant playground mix in irrigated areas and drought tolerant dryland naturalized grass mix in non-irrigated areas 																			
Deficiencies & Maintenance Issues	Budget Estimate																		
<ul style="list-style-type: none"> ▪ Cannot establish healthy turf due to soil quality and lack of irrigation ▪ Large presence of broadleaf weeds and foxtail ▪ Design of drainage swales makes swales difficult to maintain – cannot mow many areas in wet years 	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Spraying</td> <td style="text-align: right; padding: 2px;">\$4,000</td> </tr> <tr> <td style="padding: 2px;">Soil Preparation & Grading</td> <td style="text-align: right; padding: 2px;">\$5,000</td> </tr> <tr> <td style="padding: 2px;">Hydromulch</td> <td style="text-align: right; padding: 2px;">\$24,300</td> </tr> <tr> <td style="padding: 2px;">Irrigation Expansion</td> <td style="text-align: right; padding: 2px;">\$25,600</td> </tr> <tr> <td style="padding: 2px;"><i>Subtotal</i></td> <td style="text-align: right; padding: 2px;"><i>\$58,900</i></td> </tr> <tr> <td style="padding: 2px;"> </td> <td></td> </tr> <tr> <td style="padding: 2px;"><i>PST</i></td> <td style="text-align: right; padding: 2px;"><i>\$3,534</i></td> </tr> <tr> <td style="padding: 2px;"><i>Contingency</i></td> <td style="text-align: right; padding: 2px;"><i>\$2,945</i></td> </tr> <tr> <td style="padding: 2px;">TOTAL</td> <td style="text-align: right; padding: 2px;">\$65,379</td> </tr> </table>	Spraying	\$4,000	Soil Preparation & Grading	\$5,000	Hydromulch	\$24,300	Irrigation Expansion	\$25,600	<i>Subtotal</i>	<i>\$58,900</i>	 		<i>PST</i>	<i>\$3,534</i>	<i>Contingency</i>	<i>\$2,945</i>	TOTAL	\$65,379
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Central Municipal Reserve

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