

SCRIP Final Design Decision Matrix

Design #	Description
1	No action
2	Short: Realign channel and culvert with one short downstream channel curve.
3	Long: Complete channel restoration. Introduce sinuosity from culvert entrance to upstream reference reach.
4	Short w/ Rock structure: Incorporate a short, steep entrance (~60', 5%) to the culvert protected with locally recovered rocks, followed by one short curve aligning the culvert and channel
5	Long w/ Rock Structure: Incorporate a short, steep entrance (~60', 5%) to the culvert protected with locally recovered rocks, followed by a completely regraded channel connecting with the reference reach

Design #	Cut/Fill Volume	Final Slope	Vegetation Restoration	Natural Aesthetics	Required Labor	Stability	Total
1	10	4	4	4	10	1	33
2	8	3	8	8	6	4	37
3	7	5	6	8	4	5	35
4	7	7	6	6	4	7	37
5	2	9	4	7	2	8	32

* 1=Bad, 10=Good.

Design #	Cut/Fill Volume (25%)	Final Slope (22.5%)	Vegetation Restoration (7.5%)	Natural Aesthetics (10%)	Required Labor (10%)	Stability (25%)	Total (100%)
1	2.5	0.9	0.3	0.4	1	0.25	5.35
2	2	0.675	0.6	0.8	0.6	1	5.675
3	1.75	1.125	0.45	0.8	0.4	1.25	5.775
4	1.75	1.575	0.45	0.6	0.4	1.75	6.525
5	0.5	2.025	0.3	0.7	0.2	2	5.725