

2. Grading

<i>Classification</i>	<i>Description</i>	<i>Tracs</i>	<i>CO #</i>	<i>Savings</i>
Flatten Cut Slope	Flattening of cut slopes resulted in additional roadway excavation, thus reducing the quantity of borrow needed.	H592401C	12	(\$9,320.00)
Grading Roadway for Pavement	Eliminate the removal and replacement of pavement where the existing pavement grade is at or lower than the plans finish grade. Areas less than 2 inches below plans finish grade will be milled to 2 inches below and paved with a 2 inch overlay. Areas greater than 2 inches below finish grade will be filled with AC within 2 inches of finish grade and then paved with a 2 inch overlay.	SS53401C	7	(\$85,984.50)
Over Excavation	The Special Provisions Section 203 of the project call for 12" of over excavation from the subgrade and replace with borrow materials. The contractor submitted the value engineering proposal to re-use the existing subgrade materials which are suitable as per the test results conducted by them.	SS72301C	2	(\$49,574.00)
Removal of existing AC	In lieu of the plan's mill (haul off) and fill, the existing asphalt was allowed to be pulverized and remain in place as a base. Asphalt would then be placed directly on top of the pulverized base. (The resultant higher grade was allowed.)	H576201C	1	(\$21,283.45)
Remove Rumble Strip	In lieu of milling a 4' width of pavement (2 1/2" depth) to eliminate the rumble strip, a 2' width (2" depth) was proposed to provide the same function.	H493601C	3	(\$22,673.87)
Roadway Excavation (Waste)	In lieu of hauling off roadway excavation, this material was placed along the upside stream of the newly constructed Flood Retarding Structure (FRS). This produced a new FRS crest, eliminating the requirement for central filter aggregate within the FRS.	H578201C	41	(\$156,782.54)
	In lieu of hauling off roadway excavation, this material was wasted on the project site (Flood Retarding Structure and ramp slopes).	H578201C	81	(\$159,087.60)
	Change location for wasting roadway excavation, resulting in a shorter haul and use of scrapers in lieu of trucking.	H706102C	27	(\$24,652.50)
Shoulder	Value Engineering proposal to eliminate earthen shoulder wedge in favor of increasing the 1' AC shoulder wedge to a 1.5' AC shoulder wedge.	H524801C	2	(\$56,981.70)
Subgrade	Project plans detail placement of borrow, AB and AC to build a trail on top of river bank. The contractor proposed utilizing the elevation of the existing CSA bank as the top of subgrade; AB and AC placed directly on top of bank/CSA, eliminating the need for borrow - minor increase in AB quantity required for leveling.	SS51001C	1	(\$9,996.25)
Widening Roadway	In lieu of overexcavating 3' for the entire toe of the existing slope, (prior to constructing fill for roadway widening), the contractor proposed to key into the existing slope (3' benches). This change reduced both roadway x and borrow quantities.	H596401C	1	(\$26,396.25)