

with Engineering Fabric from about Station 91+00 to Station 91+40. The repair for both locations shall start at the toe of the existing foreslopes and then extend up-slope to about 3 feet from the outside edge of shoulder. The Erosion Stone shall be capped with a 1-foot thick layer of Macadam Stone Base Material (Gradation No. 13, no choke stone course). A relatively small amount of Clearing and Grubbing will be necessary.

It appears that additional ROW will not be needed to complete the repair at the western site. However, additional ROW will likely be needed for the middle site.

Recommend obtaining field survey for the preparation of plans.

The following quantities and associated costs are estimated for the foreslope repair. Please note that this estimate does not include any costs associated with ROW.

Estimated Quantities and Costs:

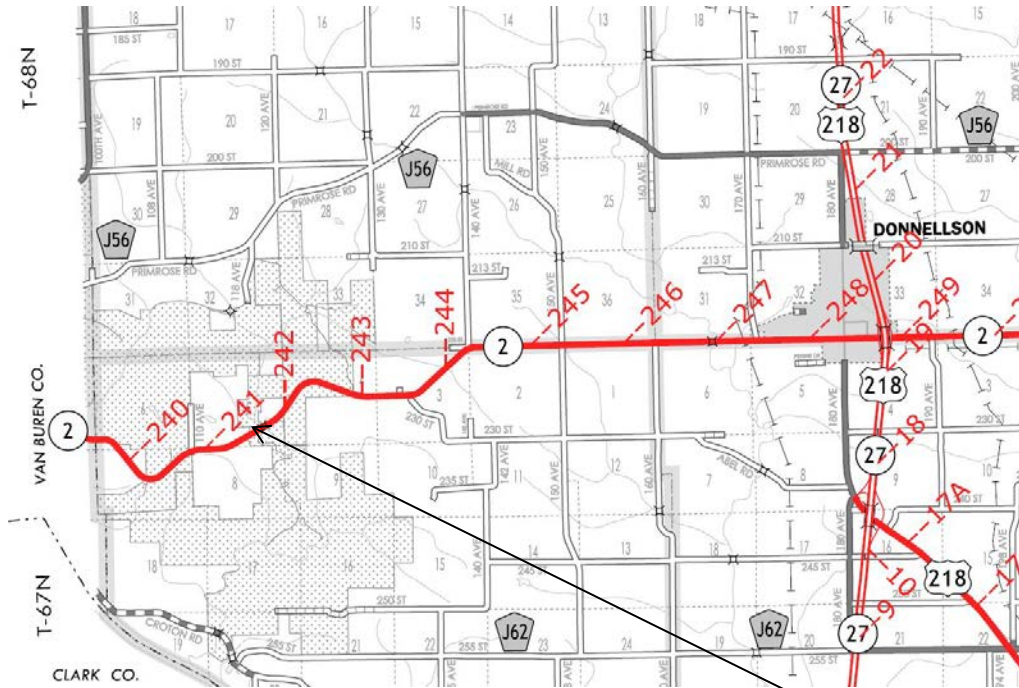
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<u>Item</u>	<u>Quantities</u>	<u>Cost</u>
Excavation, Class 10, Waste	1,001 CY	\$ 7,300.00
Erosion Stone	1,062 TONS	\$ 28,818.00
Macadam Stone Slope Protection (Gradation No. 13, no choke stone course)	956 SY	\$ 33,242.00
Engineering Fabric	1,286 SY	\$ 3,300.00
Class E Revetment	72 TONS	\$ 2,100.00
Clearing & Grubbing	0.25 Acres	\$ 1,000.00
Contingency, Mobilization & Traffic Control (35%)		\$ 26,516.00
Total =		\$ 102,276.00
Total Cost =		\$ 103,000.00

FUNDS PROGRAMMED:

It has been identified by the District 5 office for construction in FY 2022. A schedule of events for plan development will be determined following approval of the Project Concept.

LOCATION MAP:



cc:

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