



Notes:
*A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

BILL OF MATERIAL

Item	Unit	Quantity
Traffic Control and Protection (Special)	L Sum	1
Trench Backfill	Cu Yd	290
Temporary Concrete Barrier	Foot	188
Relocate Temporary Concrete Barrier	Foot	175
Temporary Soil Retention System	Sq Ft	281
Detector Loop, Replacement	Foot	66
**Impact Attenuators, Temporary (Non Redirective), Test Level 2	Each	1
**Impact Attenuators, Relocate (Non Redirective), Test Level 2	Each	1

**See Sheets 7 and 8 for Impact Attenuator locations.

Designed by JUF Checked by RLP
 Drawn by JUF Checked by RLP
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