1. Potential locations where triple ditch topsoil conservation may be completed are shown on the alignment sheets. Keystone will direct the actual locations where triple ditch will be completed during or immediately prior to topsoiling the ROW. Keystone may modify triple ditch procedures from those described here to address site-specific or soil-specific conditions.

2. Strip topsoil ("A" horizon) according to the "A" horizon depths and construction details shown on construction alignment sheets. Place "A" horizon in the additional temporary workspace on the borrow within the working side of the construction right-of-way. In areas of thicker "A" horizon, "A" horizon may be split to both sides of the right-of-way.

Remove of horizon (and ditch) to depths specified by Keystone and stockpiled on stockpile side. The "B" horizon should be removed in a strip at least 20 feet wide and placed into a stockpile adjacent to the ditch. Ditch spoil materials maintain a minimum of 2 feet between "A" horizon and "B" horizon stockpiles.

3. Excavate trench, ensure the different soil horizons ("B" horizon and "C" horizon) are in separate stockpiles. The visual distinction of each pile must be possible at all times. The stockpiles shall allow for re-placement of the soil horizons back to their original sequence without loss of soil. Maintain a minimum of 2 feet between "B" horizon and "C" horizon stockpiles.

4. Backfill trench and compact as per approved procedure. Place the soil horizons back in their original sequence in the trench.

5. Relevel areas of compaction and feather (3) material evenly over stripped area.

6. Replace "A" horizon pile evenly over stripped area.

Source: Appendix B CMR Plan Detail 67 and 67A

Figure 3.2.2-1

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Triple Ditch, Topsoil, and Subsoil Handling Detail