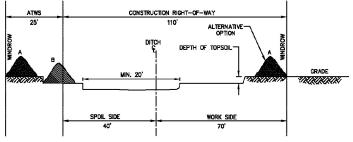
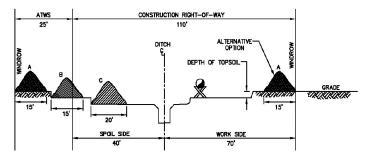
- 1. POTENTIAL LOCATIONS WHERE TRIPLE DITCH TOPSOIL CONSERVATION WAY BE COMPLETED ARE SHOWN ON THE ALICANMENT SHEETS. KEYSTONE WILL DIRECT THE ACTUAL LOCATIONS WHERE TRIPLE DITCH WILL BE COMPLETED DURING, OR IMMEDIATELY PRIOR TO, TOPSOILING THE ROW. KEYSTONE MAY MODIFY TRIPLE DITCH PROCEDURES FROM THOSE 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 ADDIDNAL TEMPORARY WORKSPACE OR THE WINDROW WITHIN THE WORKING SIDE OF THE CONSTRUCTION RIGHT-OF-WAY. IN AREAS OF THICKER "A" HORIZON'S, "A" HORIZON MAY BE SPLIT TO BOTH SIDES OF THE RIGHT-OF-WAY.

RIGHI-UW-TWAT. REMOVE "B" HORIZON (2ND DITCH) TO DEPTHS SPECIFIED BY KEYSTONE AND STOCKPILE ON SPOIL SIDE. THE "B" HORIZON SHOULD BE REMOVED IN A STRIP AT LEAST 2D FEET WIDE OVER THE TRENCH TO ALLOW FOR STORAGE OF THE TRENCH SPOIL NATERIALS. MAINTAIN A MINIMUM OF 2 FEET BETWEEN "A" HORIZON AND "B" HORIZON STOCKPILES.

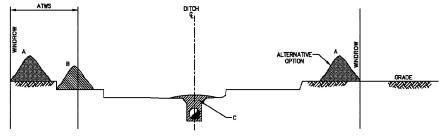


3. EXCAVATE TRENCH. ENSURE THE DIFFERENT SOL HORIZONS ("D" HORIZON AND "C" HORIZON TO FLE SOL HORIZON BACK TO THEIR ORIGNAL SEQUENCE WITHOUT LOSS OF SOLL MAINTAIN A WINNUM OF 2 FEET BETWEEN "B" HORIZON AND "C" HORIZON TAND "C" HORIZON TRENCH AND "C" HORIZON TAND "C" HORIZON TAND "C" HORIZON TAND "C" HORIZON TAND "C" HORIZON TRENCH AND "C" HORIZON TAND "C" HORIZON TA

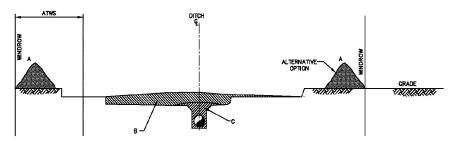


DETAIL 67 TOPSOIL CONSERVATION DITCH & SPOIL STRIPPING TRIPLE DITCH

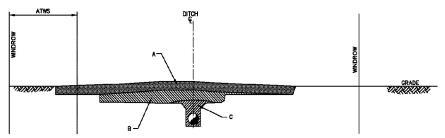
4. BACKFILL TRENCH AND COMPACT AS PER APPROVED PROCEDURE., PLACE THE SOIL HORIZONS BACK IN THEIR ORIGINAL SEQUENCE IN THE TRENCH.



5. RELIEVE AREAS OF COMPACTION AND FEATHER (B) MATERIAL EVENLY OVER STRIPPED AREA.



6. REPLACE "A" HORIZON PILE EVENLY OVER STRIPPED AREA.



DETAIL 67A TOPSOIL CONSERVATION DITCH & SPOIL STRIPPING TRIPLE DITCH

Triple Ditch, Topsoil, and Subsoil Handling Detail

Figure 3.2.2-1

KEYSTONE XL PROJECT

Source: Appendix B CMR Plan Detail 67 and 67A