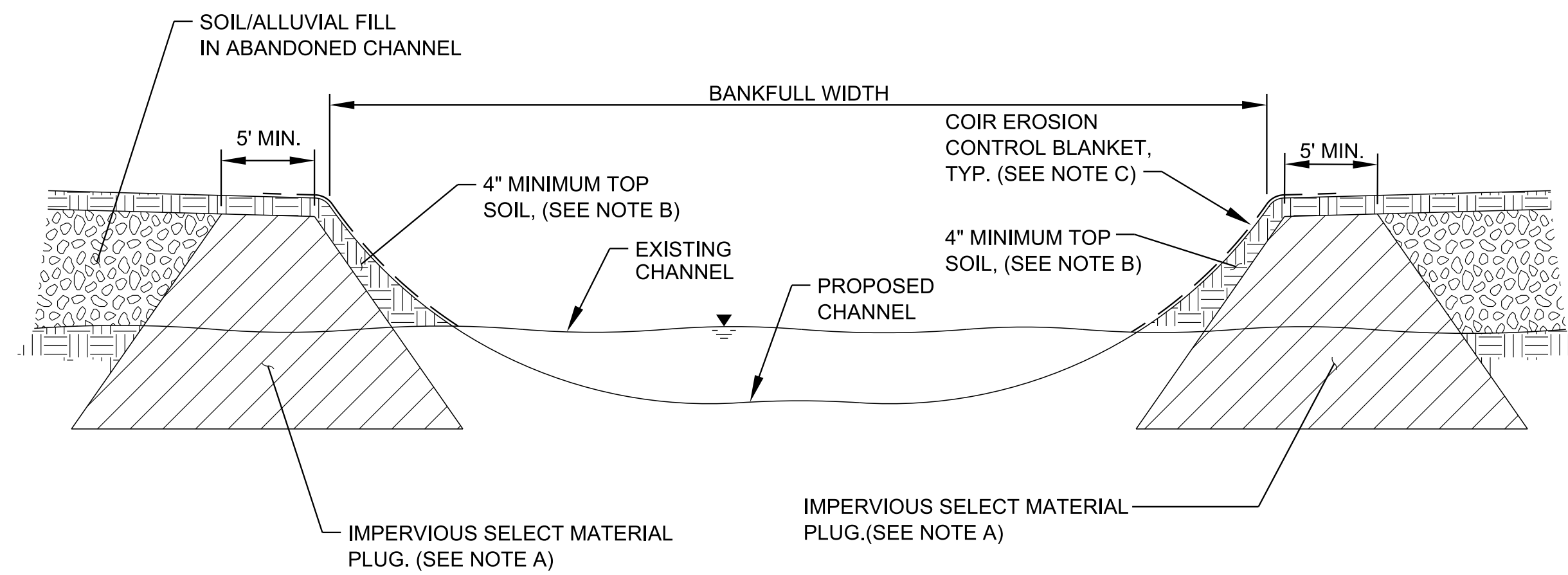


PLAN VIEW



SECTION A-A

CLAY CHANNEL PLUG NOTES

- (A) CLAY CHANNEL PLUGS ARE USED TO BLOCK ABANDONED SECTIONS OF CHANNEL WHEN A STREAM IS RE-ALIGNED AND THE NEW CHANNEL INTERSECTS THE EXISTING CHANNEL. THE CLAY CHANNEL PLUG ALSO PREVENTS SUBSURFACE FLOW LOSS TO THE EXISTING CHANNEL.
- (B) PLACE IMPERVIOUS SELECT MATERIAL PLUG (CLAY, CRUSHED LIMESTONE, ETC., AS SPECIFIED) TO MAXIMUM DEPTH OF PROPOSED CHANNEL AND COMPACT WITH EXCAVATOR BUCKET IN 6-INCH LIFTS.
- (C) PLACE MINIMUM OF 4 INCHES OF TOPSOIL ON STREAM BANKS AND TILL INTO SURFACE OF PLUG, SEED WITH TEMPORARY AND PERMANENT SEED MIXES, AND MULCH LIGHTLY WITH STRAW.
- (D) FOR SHORT-TERM BANK PROTECTION, MULCH SEEDED STREAM BANKS LIGHTLY WITH STRAW AND INSTALL COIR EROSION CONTROL BLANKETS.
- (E) FOR LONG-TERM BANK PROTECTION, INSTALL BANK STABILIZATION (VANE, WOODYTOE, GEOLIFTS, ETC., AS SPECIFIED) AND PLANT WITH WOODY VEGETATION (LIVE STAKES, BRUSH LAYERING, ROOTED PLANTS, ETC., AS SPECIFIED).
- (F) USE THE FOLLOWING PAY ITEM FOR CLAY CHANNEL PLUG:
203-15.03 COMPACTED CLAY PER CY

MATERIAL SHOWN ARE ONLY A GRAPHICAL
REPRESENTATION AND DO NOT DEPICT
THE ACTUAL DEPTH OR QUANTITY OF
MATERIALS TO APPROPRIATELY
CONSTRUCT OR STABILIZE THE CHANNEL.

NOT TO SCALE

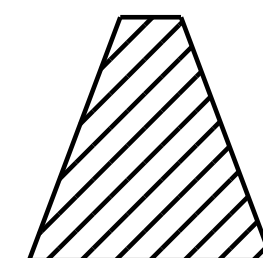
STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

CLAY CHANNEL
PLUG

8-01-16

D-NSD-31

STREAM MITIGATION PLAN LEGEND:



CLAY CHANNEL PLUG