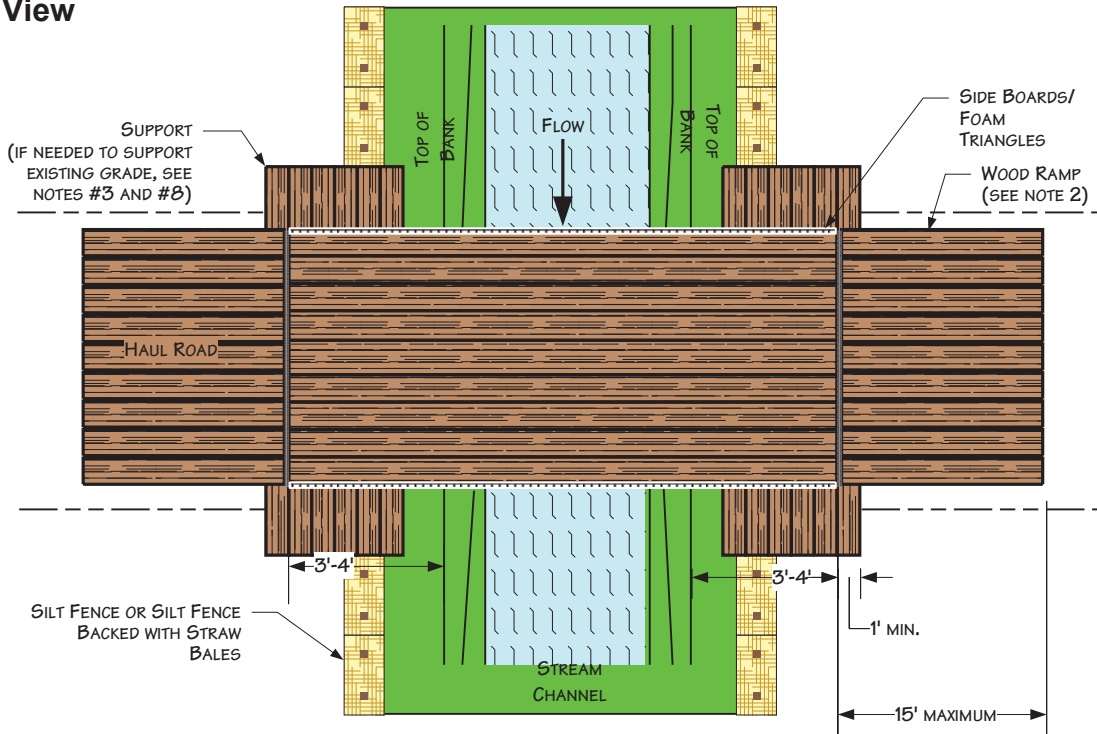


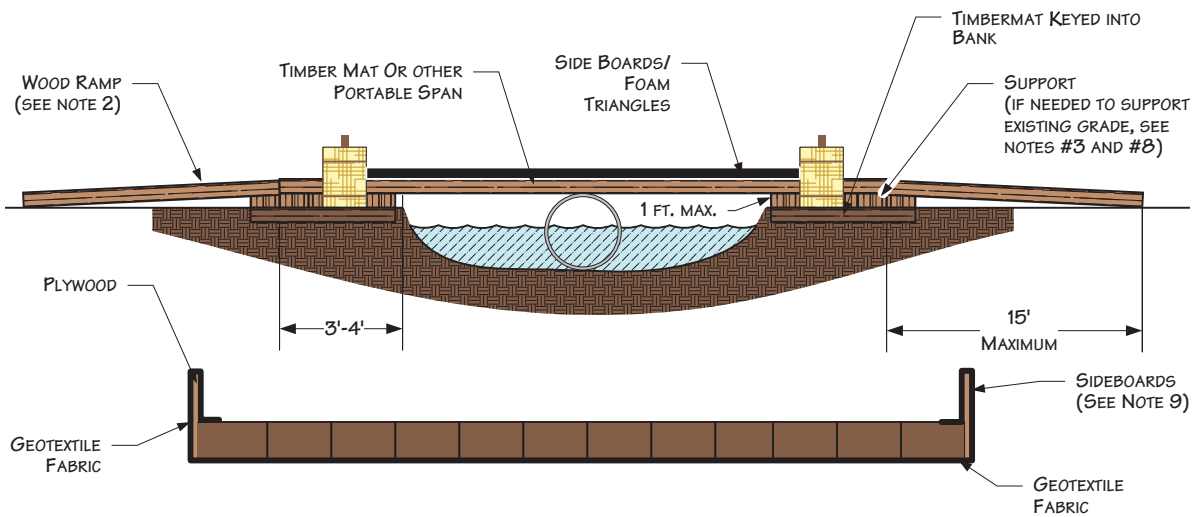
Attachment C
Typical Drawings

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Plan View



Profile View



NOTES:

1. INSPECT BRIDGE OPENING PERIODICALLY AND FOLLOWING RAINFALLS OF OVER 1/2". REMOVE ANY DEBRIS RESTRICTING FLOW AND DEPOSIT IT AT AN UPLAND SITE OUTSIDE OF FLOODPLAIN.
2. IF PHYSICAL CIRCUMSTANCES PROHIBIT WOOD OR METAL RAMPS, EARTHEN RAMPS MAY BE USED AS APPROVED.
3. INSPECT BRIDGE ELEVATION SO BRIDGE REMAINS SUPPORTED ABOVE OHWM.
4. THE CULVERT SUPPORT MUST BE ANCHORED TO THE STREAM BOTTOM AND MAY NOT BE SUPPORTED WITH FILL.
5. EARTHEN RAMP CANNOT BE TALLER THAN 1' AND CANNOT EXTEND FOR MORE THAN 15' ON EITHER SIDE OF THE CROSSING.
6. THE BRIDGE MUST SPAN ABOVE OHWM TO OHWM.
7. ADDITIONAL SUPPORT MUST BE ADDED ON TOP OF BANK AND UNDER SPAN IF INITIAL SUPPORT STARTS TO SETTLE.
8. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE COMPANY'S ENVIRONMENTAL PROTECTION PLAN
9. SIDEBOARDS WILL BE INSTALLED ON TEMPORARY BRIDGES TO MINIMIZE THE POTENTIAL FOR SEDIMENT TRANSPORT. SIDEBOARDS MAY BE CONSTRUCTED OUT OF PLYWOOD, OR EQUIVALENT, AND AFFIXED TO THE OUTER SIDES OF THE BRIDGE. GEO-TEXTILE FABRIC, OR EQUIVALENT, MUST ALSO BE ADEQUATELY SECURED TO THE UNDERSIDE OF THE BRIDGE TO PREVENT MATERIAL FROM FALLING THROUGH THE BRIDGE DECK. THE GEO-TEXTILE FABRIC OR AN EQUIVALENT SHOULD BE SECURED TO THE BOTTOM OF THE BRIDGE AND WRAPPED AROUND THE SIDEBOARDS IN A CONTINUOUS FASHION.

For environmental review purposes only.



Typical Span Type Bridge With or Without Instream Support

DATE: 3/11/2003

REVISED: 3/25/2011

SCALE: NTS

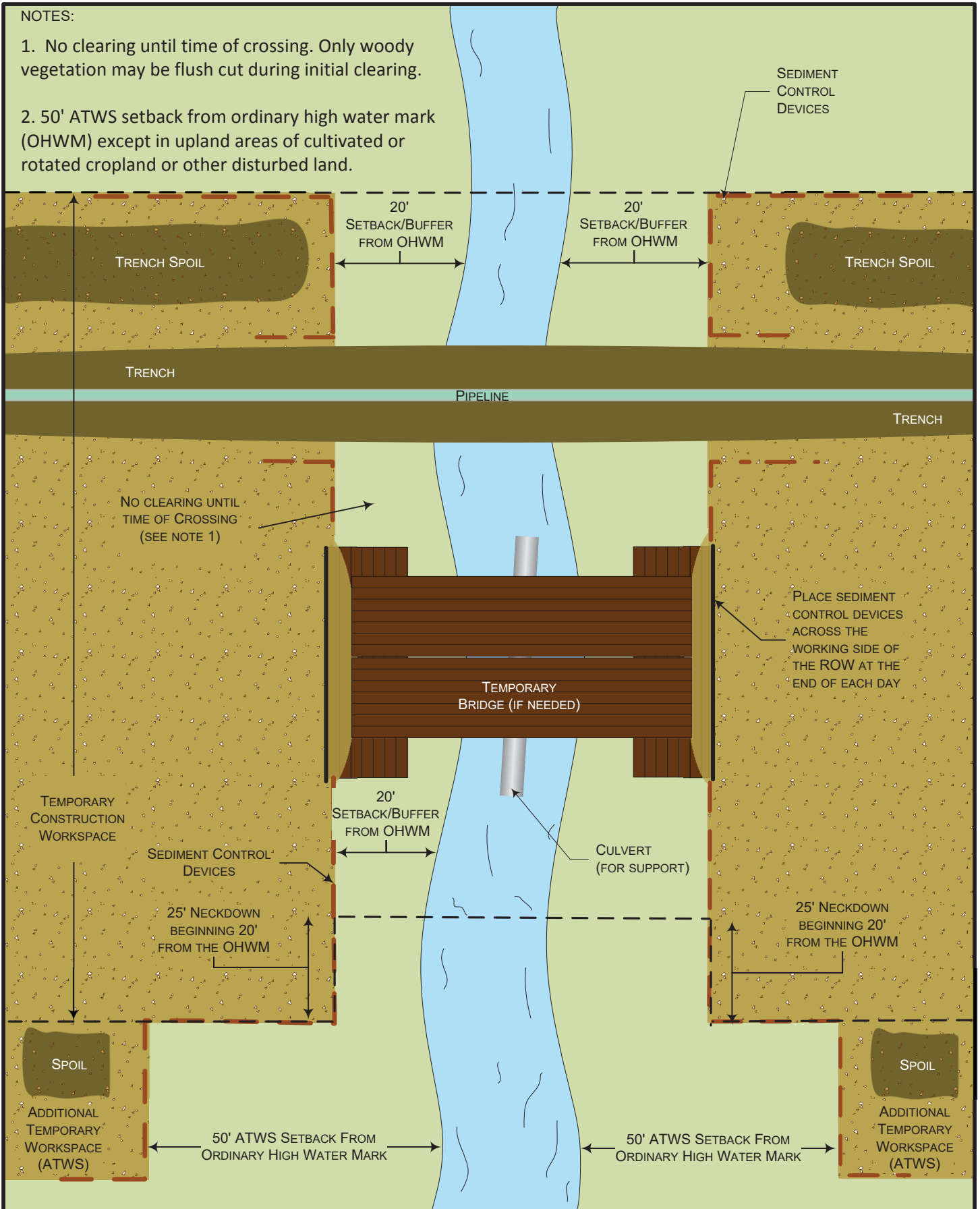
DRAWN BY: KMK6792

K:\CLIENT PROJECTS\ID-FEEL\2011-019\FIG_19_BRIDGE_SPAN.VSD



NOTES:

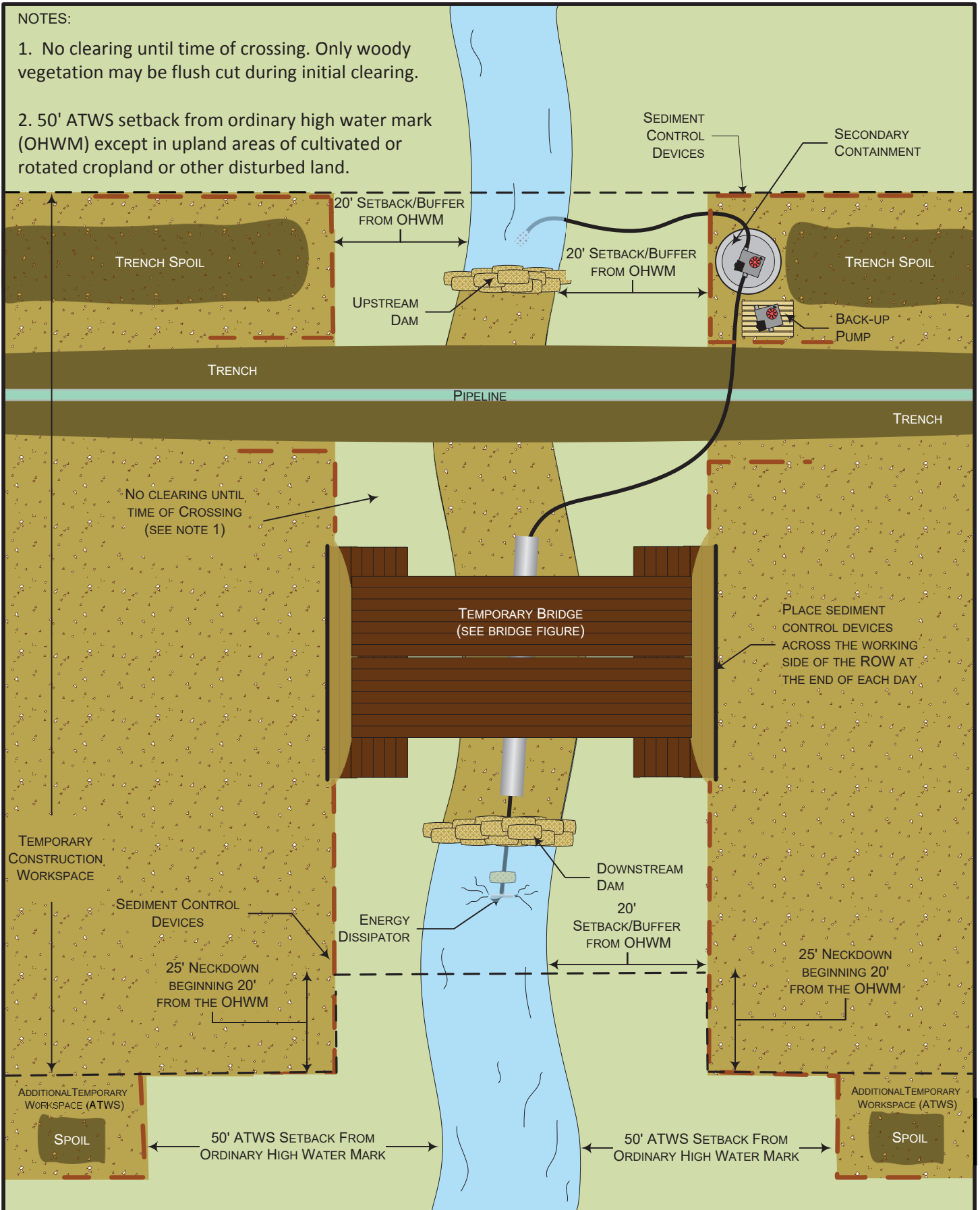
1. No clearing until time of crossing. Only woody vegetation may be flush cut during initial clearing.
2. 50' ATWS setback from ordinary high water mark (OHWM) except in upland areas of cultivated or rotated cropland or other disturbed land.



NOTES:

1. No clearing until time of crossing. Only woody vegetation may be flush cut during initial clearing.

2. 50' ATWS setback from ordinary high water mark (OHWM) except in upland areas of cultivated or rotated cropland or other disturbed land.



Typical Waterbody Crossing
Dam and Pump Method

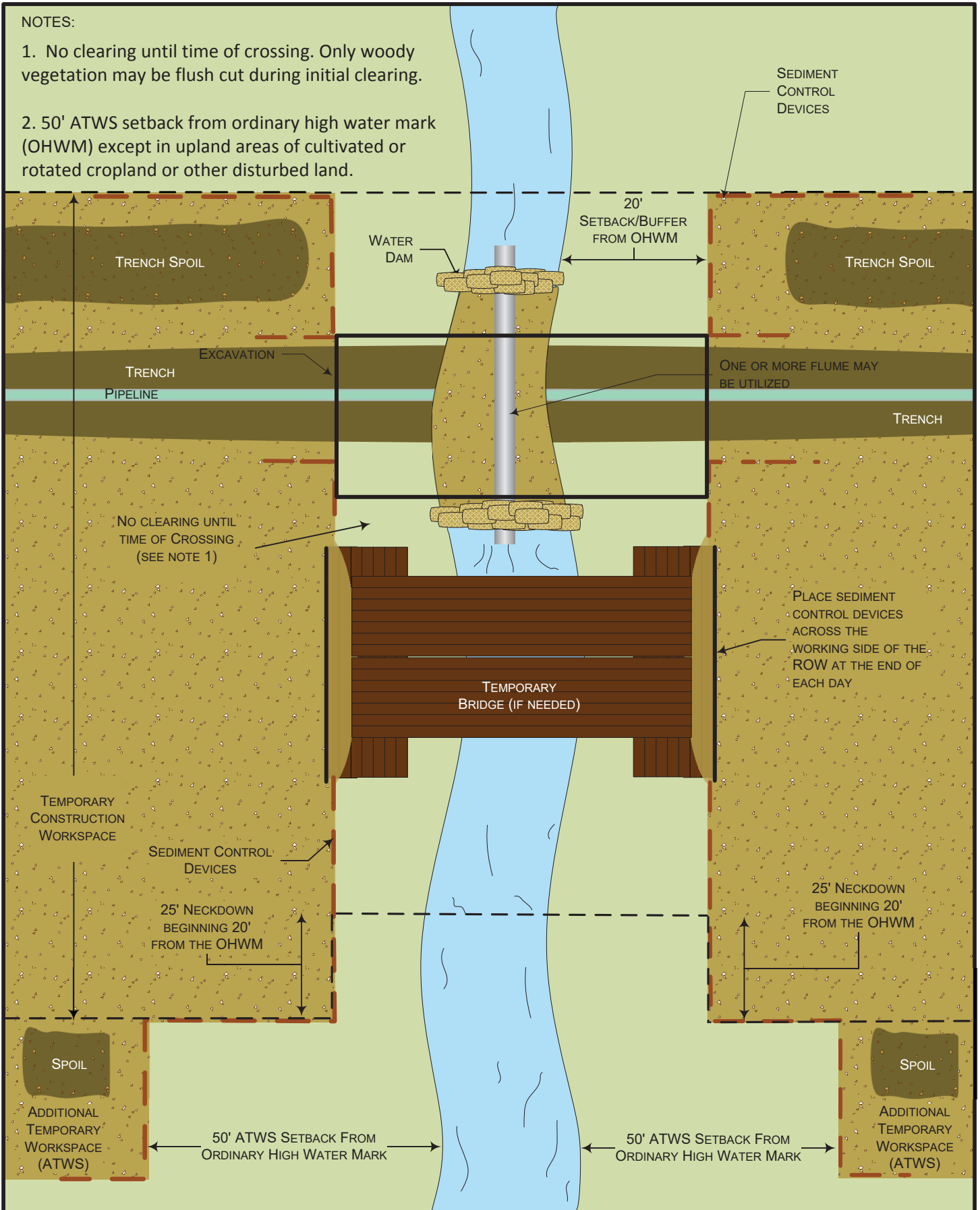
Environmental
Protection Plan

Drawn by: merjent

9/14/2015

NOTES:

1. No clearing until time of crossing. Only woody vegetation may be flush cut during initial clearing.
2. 50' ATWS setback from ordinary high water mark (OHWM) except in upland areas of cultivated or rotated cropland or other disturbed land.

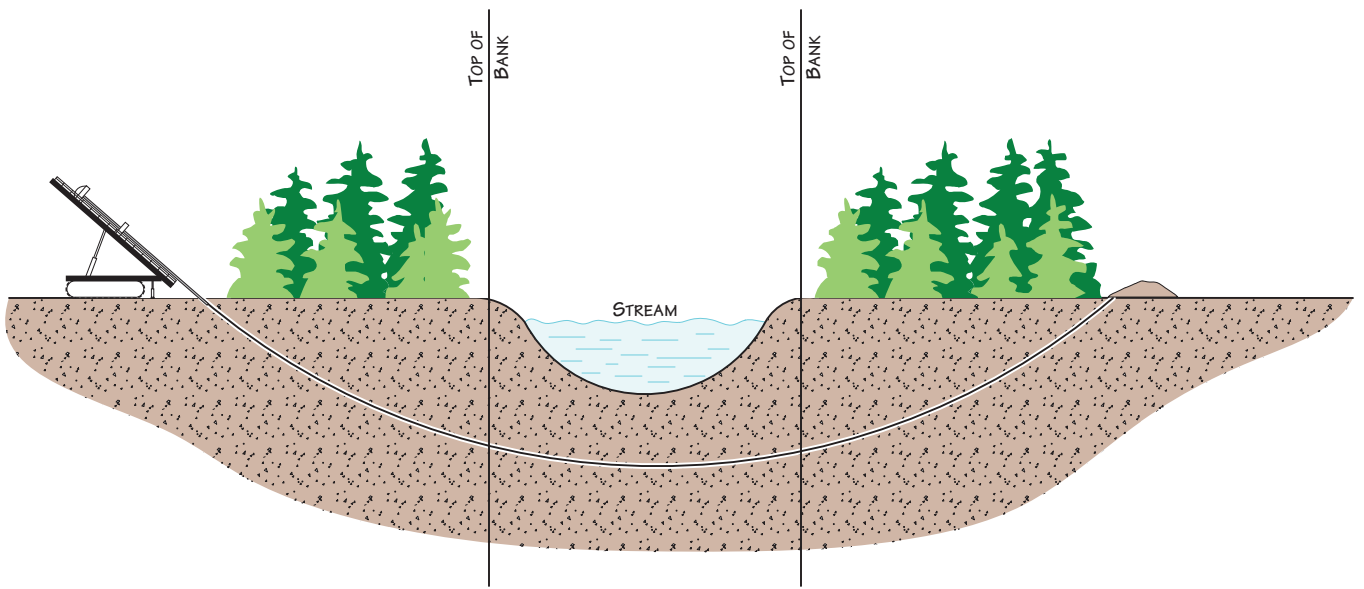


Typical Waterbody Crossing
Flume Method

Environmental
Protection Plan

Drawn by: merjent

9/14/2015



For environmental review purposes only.



Typical Waterbody Crossing
Directional Drill Method

DATE: 7/14/2000

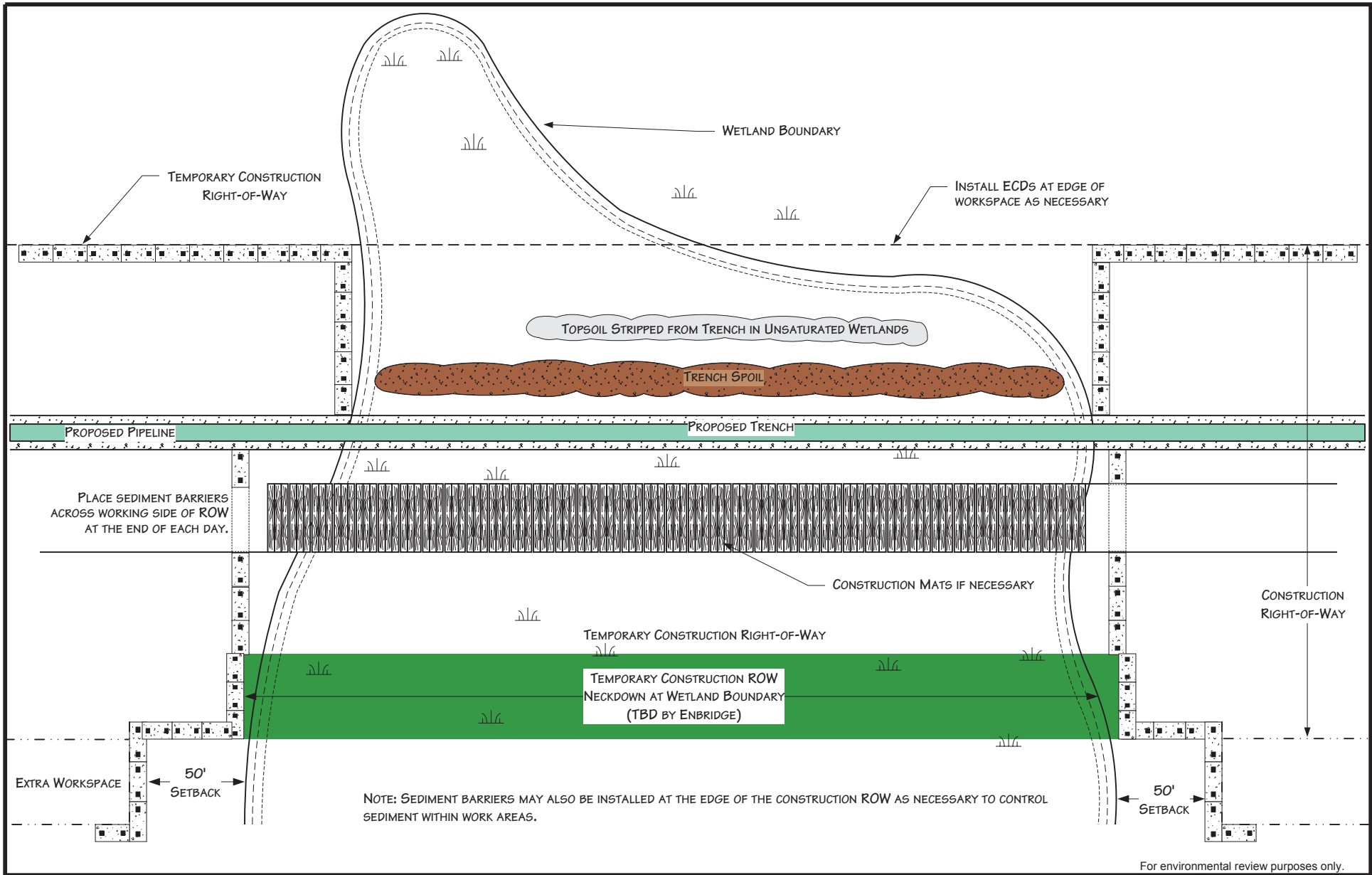
REVISED: 3/11/11

SCALE: NTS

DRAWN BY: KMKENDALL

K:\CLIENT PROJECTS\ID-FEEL\2011-019\FIG_18_WATERBODY_DIRECTIONAL_DRILL.VSD





Typical Wetland Crossing Method

DATE: 5/25/2001

REVISED: 3/14/11

SCALE: NTS

DRAWN BY: KMKENDALL

K:\CLIENT PROJECTS\ID-FEEL\2011-019\FIG_24_WETLAND_CROSSING_METHOD.VSD

