



CONSTITUTION PIPELINE

*New York State Department of Environmental Conservation and  
U.S. Army Corps of Engineers  
Joint Application – Supplemental Information  
Constitution Pipeline  
Broome, Chenango, Delaware, [Otsego](#), and Schoharie Counties*

---

**ATTACHMENT D**  
**ENVIRONMENTAL CONSTRUCTION PLAN**  
**(SUBMITTED UNDER SEPARATE COVER)**

**Updated August 2014**

**CONSTITUTION PIPELINE**



CONSTITUTION PIPELINE

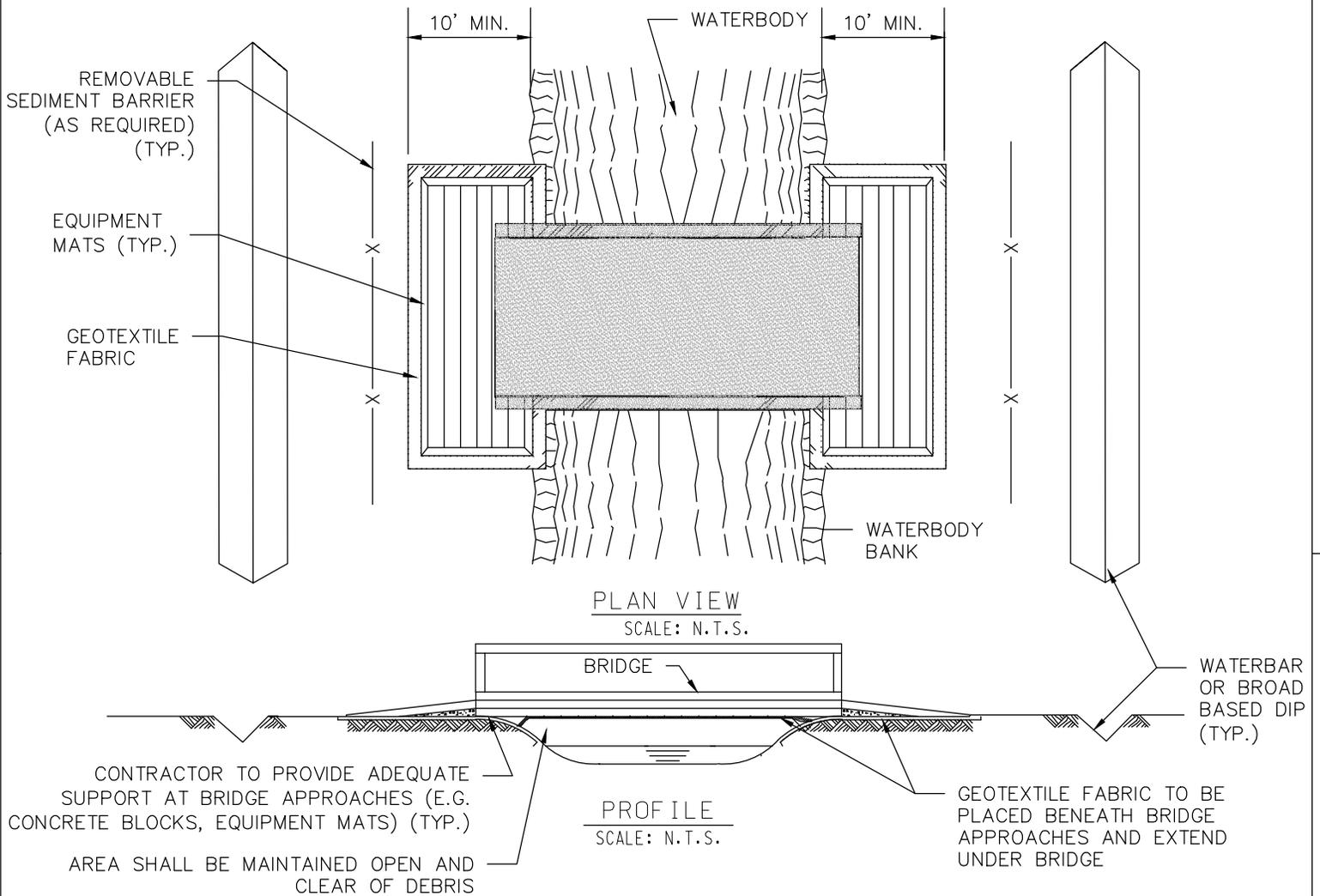
**FIGURE 02A FREE SPAN BRIDGE EQUIPMENT CROSSING**

**PUBLIC**

Submitted by:

Constitution Pipeline Company, LLC  
2800 Post Oak Boulevard (77056)  
PO Box 1396  
Houston, TX 77251-1396

August 2014



**NOTES:**

1. EQUIPMENT BRIDGES SHALL BE SUITABLE BRIDGE MATERIAL AS SUPPLIED BY CONTRACTOR AND SHALL BE ADEQUATELY ANCHORED AT BOTH ENDS.
2. TEMPORARY STREAM CROSSINGS SHALL BE INSPECTED ON A DAILY BASIS AND BUILD UP OF SEDIMENT OR DEBRIS SHALL BE REMOVED.
3. BRIDGE APPROACHES SHALL BE SUPPORTED WITH EQUIPMENT MATS OR APPROVED EQUAL.
4. MATERIALS PLACED WITHIN THE WATERBODY CHANNEL SHALL BE COMPLETELY REMOVED DURING FINAL CLEAN-UP. REMOVAL OF THIS STRUCTURE IS NOT CONTINGENT UPON ESTABLISHMENT OF PERMANENT VEGETATION.
5. THE BRIDGE SHALL BE INSTALLED TO THE ELEVATION NOTED ON THE PLANS OR ABOVE THE MAXIMUM ANTICIPATED WATER SURFACE ELEVATION DURING THE TIME OF CROSSING.
6. SIDE RAILS SHALL BE INSTALLED ON BOTH SIDES OF THE BRIDGE EQUIPMENT CROSSING IN ORDER TO PREVENT SEDIMENT FROM ENTERING THE WATERBODY. SIDE RAILS ARE TO BE CONSTRUCTED TO THE OUTER EDGES OF THE EQUIPMENT MATS.
7. EQUIPMENT MATS SHALL EXTEND A MINIMUM OF 10 FEET OUTSIDE OF THE WATERBODY OR WETLAND BOUNDARIES.
8. TEMPORARY BRIDGE CROSSING SHALL REMAIN IN PLACE FOR THE DURATION OF THE PIPELINE CONSTRUCTION UNLESS OTHERWISE DIRECTED BY COMPANY REPRESENTATIVE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL LOAD CALCULATIONS REQUIRED TO ENSURE THE EQUIPMENT BRIDGE CAN STRUCTURALLY SUPPORT THE CONSTRUCTION EQUIPMENT.
10. CONTRACTOR SHALL DETERMINE THE APPROPRIATE STREAM CROSSING METHOD AND SHALL NOT INCORPORATE OR UTILIZE IN-STREAM SUPPORTS.
11. EQUIPMENT BRIDGES SHALL BE SECURED TO PREVENT BRIDGE MOVEMENT UNTIL CONSTRUCTION IS COMPLETE.
12. THE MINIMUM SPAN WIDTH FROM ABUTMENT TO ABUTMENT SHALL BE 1.25 TIMES THE ACTIVE CHANNEL WIDTH AND THE BRIDGE CROSSING SHALL BE DESIGNED AND CONSTRUCTED TO PASS THE TWO-YEAR STORM EVENT (Q-2).

NEW YORK

NO.	DATE	BY	REVISION DESCRIPTION	CHK.	APP.

**CONSTITUTION PIPELINE COMPANY, LLC**  
 STANDARD ENVIRONMENTAL DETAIL  
 FREE SPAN BRIDGE EQUIPMENT  
 CROSSING  
 FIGURE NO. 2A

