

DANBRO Distributors

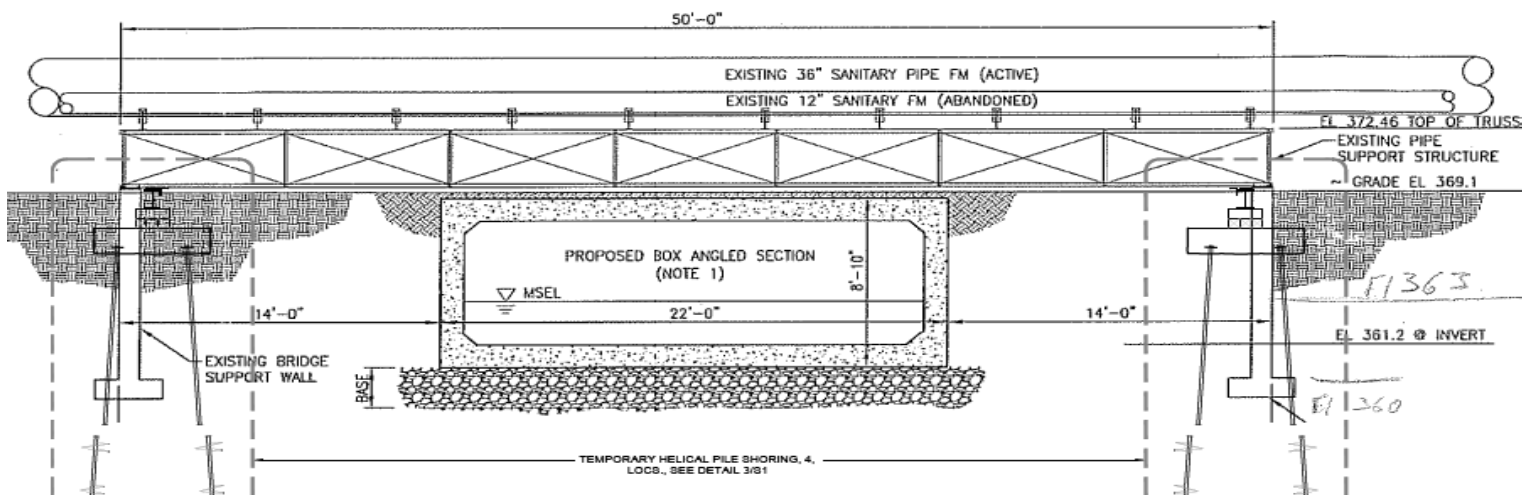
3700 South 26th Street
Philadelphia, PA 19145
Toll Free: 866-432-6276
Tel: 215-271-7700
Fax: 215-271-7701
Email: Info@danbro.com
Web: www.danbro.com

Some Things are Better Left to Chance™

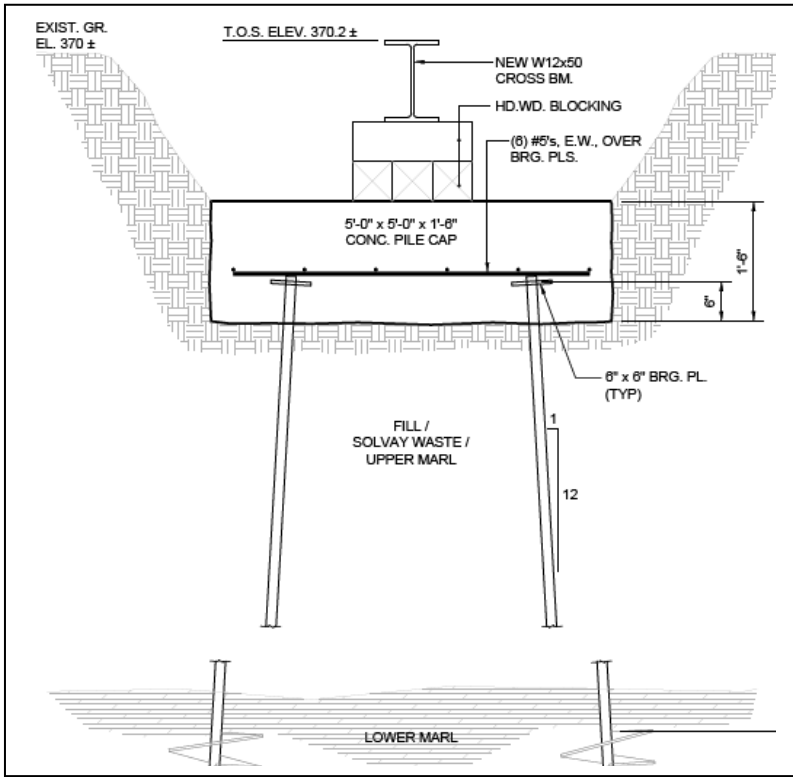
CHANCE
SINCE 1911
CHANGING HISTORY

ATLAS
CHANGING HISTORY

DANBRO CASE HISTORY: HONEYWELL, ONONDAGA LAKE TEMPORARY PIPE BRIDGE SHORING SYRACUSE, NEW YORK

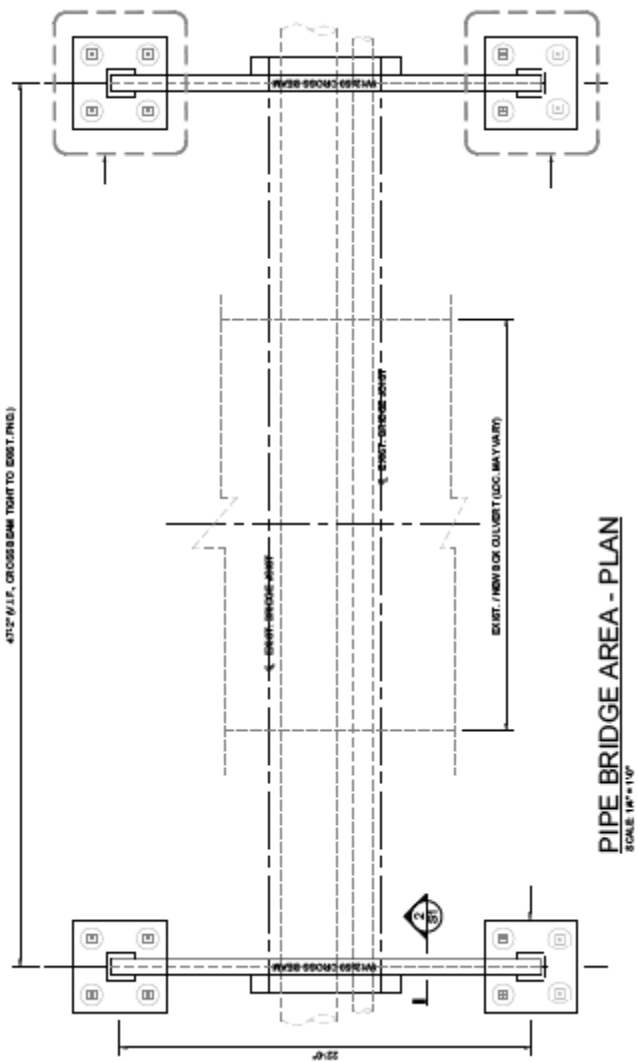


OBJECTIVE:
DESIGN PROVIDES TEMPORARY SHORING OF EXISTING PIPE BRIDGE STRUCTURE DURING EXCAVATION & REMOVAL OF EXISTING BOX CULVERT, INSTALLATION & BACKFILLING OF NEW BOX CULVERT.



TEMPORARY SUPPORT:
 INSTALL CHANCE HELICAL PILES TO AN ACCEPTABLE BEARING STRATUM. 4 PILES WERE USED FOR EACH PILE CAP. THEN BLOCKING AND A STEEL W BEAM WERE INSTALLED TO SUPPORT THE EXISTING SANITARY PIPES.

- CHANCE HELICAL PILE:**
- # OF PILES = 16
 - RS2785.203
 - LEAD - 10", 12", 14"
 - TRAILER - 14"
 - DESIGN LOAD = 6 KIPS
 - TORQUE REQ'D = 2000 FT-LBS
 - LENGTH = 20 FEET



INSTALLER:
 WOODFORD BROTHERS COMPLETED THE PROJECT IN TWO DAYS! THE ISSUES FACED WERE COMPLYING WITH SAFETY TRAINING FROM THE ENVIRONMENTAL REHAB OF THE AREA. TOM STATED THAT STRICT COMPLIANCE WITH THE REGULATIONS KEPT THE TEAM ON THEIR TOES. THE PROJECT OVERALL WAS GREAT SUCCESS AND CONSTRUCTION OF THE NEW BOX CULVERT COULD BEGIN WITHOUT DELAY.

AUTHOR:
 STEVE GENCORELLI, P.E.
 DANBRO DISTRIBUTORS
 STEVE@DANBRO.COM
 215-271-7700