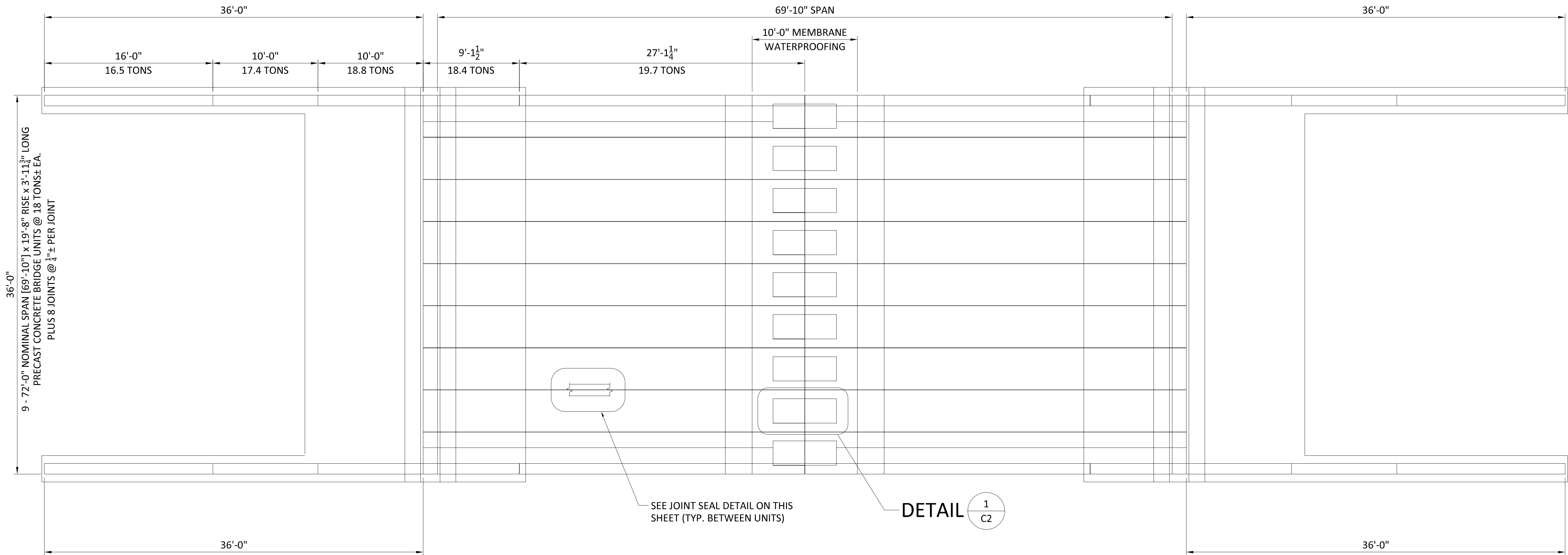
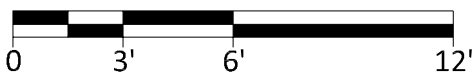


BLACKBERRY FARM

DENTON CREEK



BRIDGE PLAN



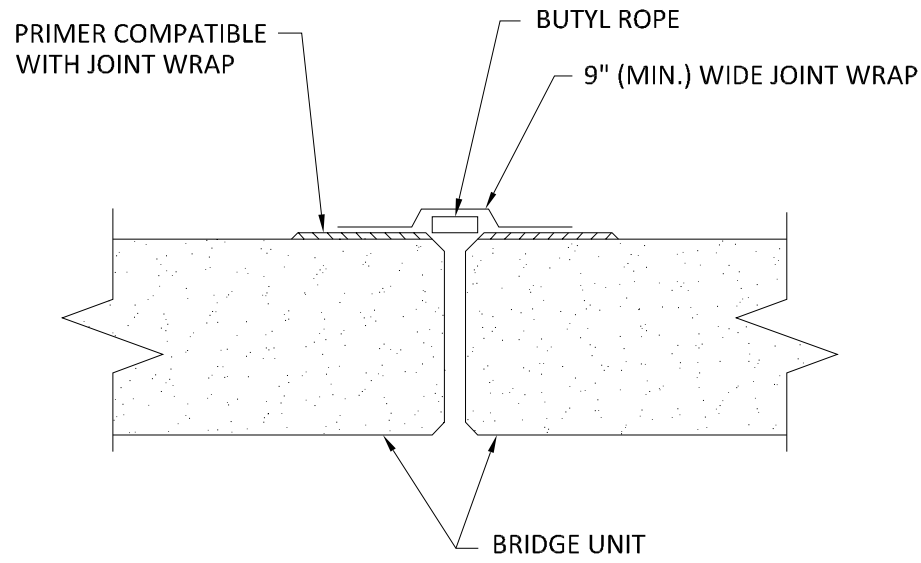
DESIGN NOTES

1. THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS "LRFD BRIDGE DESIGN SPECIFICATIONS", 4TH EDITION AND INTERIM SPECIFICATIONS TO DATE. DESIGN LOADS ARE AS FOLLOWS:
- BRIDGE UNITS: HL-93
DESIGN FILL HEIGHT: 3'-0" MAX. LIVE LOAD
HEADWALLS: EARTH PRESSURE AND IMPACT (TL-2)
WINGWALLS: EARTH PRESSURE AND LIVE LOAD IMPACT (TL-2)
NOTE: HEADWALLS AND WINGWALLS DESIGNED TO SUPPORT TXDOT TL-2 BARRIER.
2. THE FOUNDATIONS FOR THIS PROJECT ARE DESIGNED IN ACCORDANCE WITH GEOTECHNICAL EXPLORATION REPORT PREPARED BY ALPHA TESTING, INC ON NOV. 19, 2012, SECTION 6.3, P.6

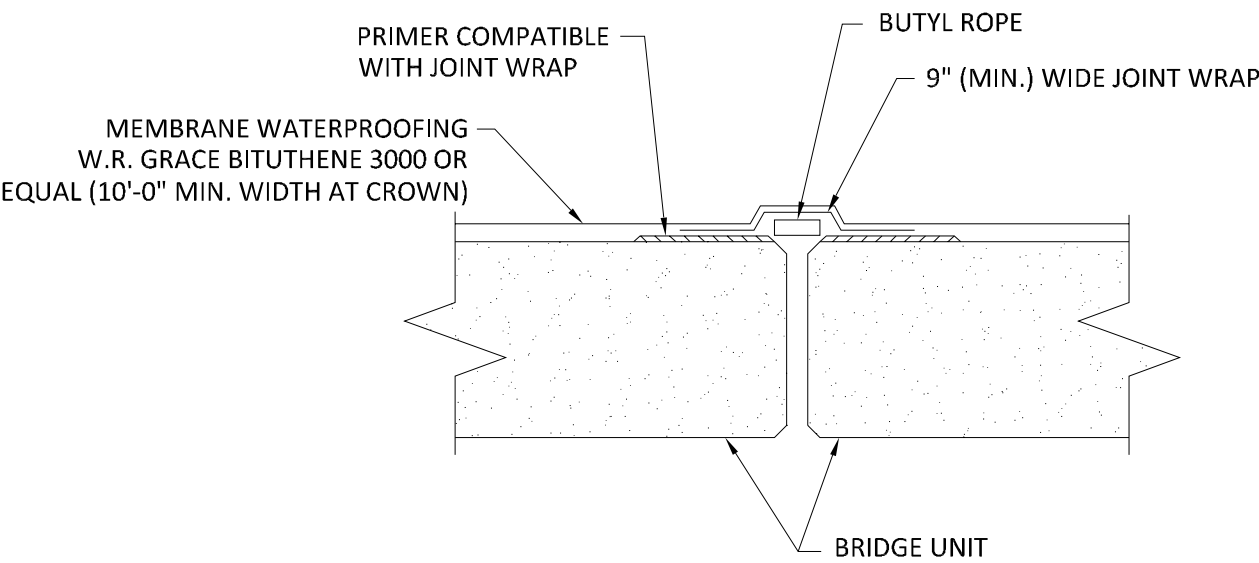
3. CONFORMANCE TO SITE DRAWINGS, SPECIFICATIONS, AND EXISTING CONDITIONS, INCLUDING HYDRAULIC CAPACITY, SCOUR, GRADING AND SOIL CONDITIONS SHALL BE VERIFIED BY OTHERS.

MATERIALS - FOUNDATION

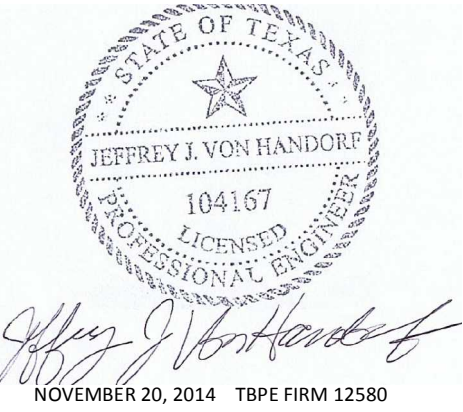
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI
2. REINFORCING STEEL SHALL CONFORM TO ASTM A615 OR A996 GRADE 60



JOINT SEAL DETAIL
OUTSIDE 10' WIDTH AT CROWN
NOT TO SCALE



JOINT SEAL DETAIL
10' WIDTH AT CROWN, NOT TO SCALE



FOR APPROVAL



DESIGNED BY:
PRETEK GROUP
P.O. BOX 751471
DAYTON, OH 45459
800.241.0925
WWW.PRETEKGROUP.COM

	DATE	DESCRIPTION	ENG
7			
6			
5			
4			
3			
2			
1			

LOCALE: COPPEL

BLACKBERRY FARM BRIDGE

STATE: TX

PROVIDED BY:
SFC BRIDGE SYSTEMS™
A Division of **Fab-Crete**
1150 E. KENNEDALE PARKWAY
KENNEDALE, TX 76060
214.717.1773
WWW.SPEEDFAB-CRETE.COM

JEFF HARWELL
DIVISION MANAGER
jharwell@sfcbridge.com

SFC BRIDGE SYSTEMS
A DIVISION OF SPEED FAB-CRETE CORP.

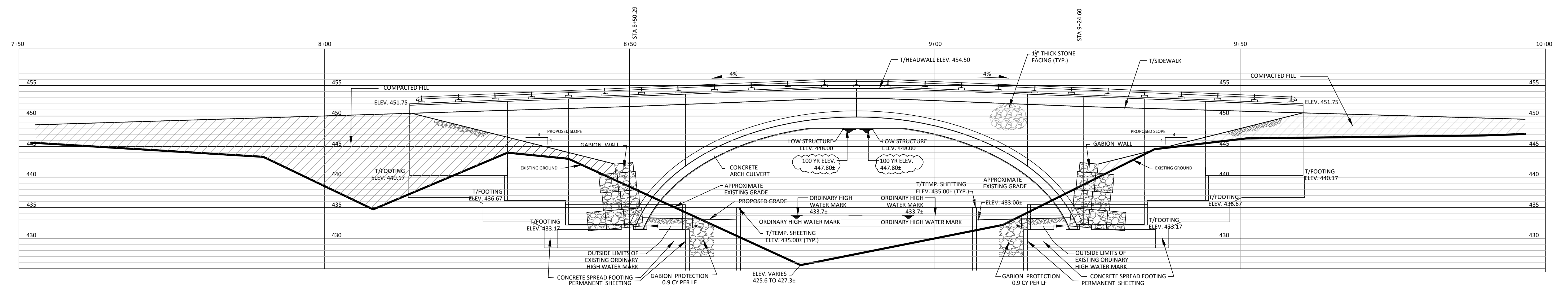
P.O. BOX 15580
FORT WORTH, TX 76119
214.717.1773

PROJECT NUMBER: 13-112
DATE: 8/19/13
DESIGNED BY: JJV
DRAWN BY: MGS
CHECKED BY: TEN

C1

BLACKBERRY FARM, PHASE 2

DENTON CREEK



ARCH CULVERT OVER DENTON CREEK
TYPICAL ELEVATION

