

BOTH ABUTMENTS ON BEARING S 41°12'10.97" W

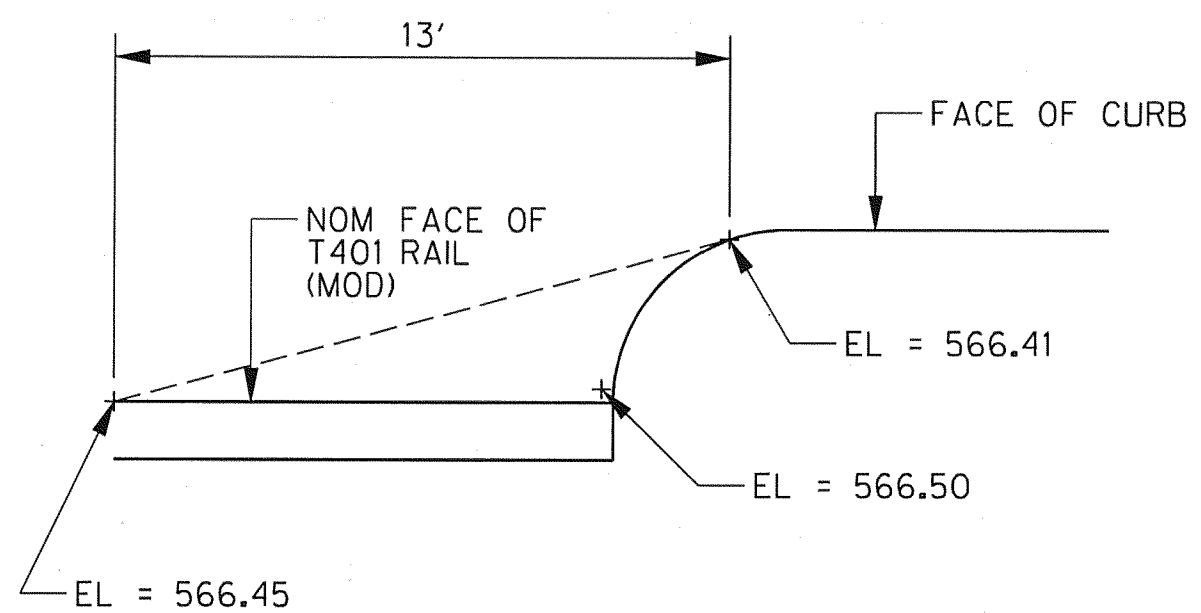
FARMERS BRANCH CREEK HYDRAULIC DATA

100 YEAR FLOOD (PROPOSED)

Q = 8,944 cfs
 V = 8.33 fps
 HW = 554.08'

SIDEWALK SLOPE TRANSITIONS

- 1 BEGIN TRANSITION STA 23+93.08
- 2 END TRANSITION STA 24+30.58
- 3 BEGIN TRANSITION STA 25+73.42
- 4 END TRANSITION STA 26+10.92



DETAIL A
SCALE: NTS

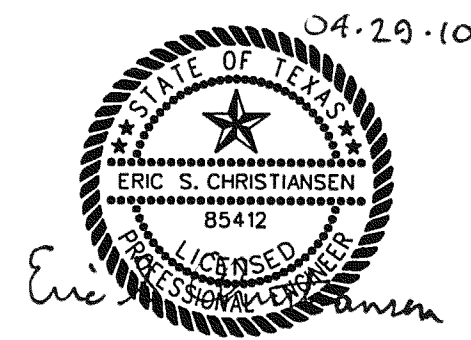
PLAN

SCALE: 1" = 10'-0"

* - BORING TEST HOLES SHOWN IN APPROXIMATE LOCATIONS.

DESIGN NOTES:

1. BRIDGE DESIGNED FOR HL93 LOADING AND 25 PSF FUTURE OVERLAY PER AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS (2007) AND INTERIM REVISIONS THERETO.
2. CONTRACTOR SHALL LOCATE ALL UTILITIES AND INFORM THE ENGINEER IN WRITING OF ANY CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.
3. FOR BRIDGE ELEVATION AND BORING LOG INFORMATION, SEE SHEET 2 OF 3.
4. FOR TYPICAL SECTION, SEE SHEET 3 OF 3.
5. DESIGN SPEED = 30 MPH
6. ADT = 8,871
7. FUNCTIONAL CLASSIFICATION = LOCAL COLLECTOR STREET
8. STAIRS, RAMPS, AND BOARDWALKS ARE NOT PART OF THIS CONTRACT. SEE CIVIL DRAWINGS FOR DETAILS.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ERIC S. CHRISTENSEN, P.E. #85412 ON 04-29-2010. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT. THE RECORD COPY OF THIS DRAWING IS ON FILE AT THE OFFICES OF HALFF ASSOCIATES, 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS, 75081. TYPE FORM #E-312.

| NO. | REVISION | BY | DATE | | |
|--|----------|-------|------------|------|-------|
| | | | | | |
| VITRUVIAN PARK BRIDGES PONTE AVENUE | | | | | |
| BRIDGE LAYOUT - PLAN | | | | | |
| <small>1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 346-0200 FAX (214) 739-0086</small> | | | | | |
| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
| 27379 | ESC | AHH | APRIL 2010 | - | S1-01 |