

USER: ah2454

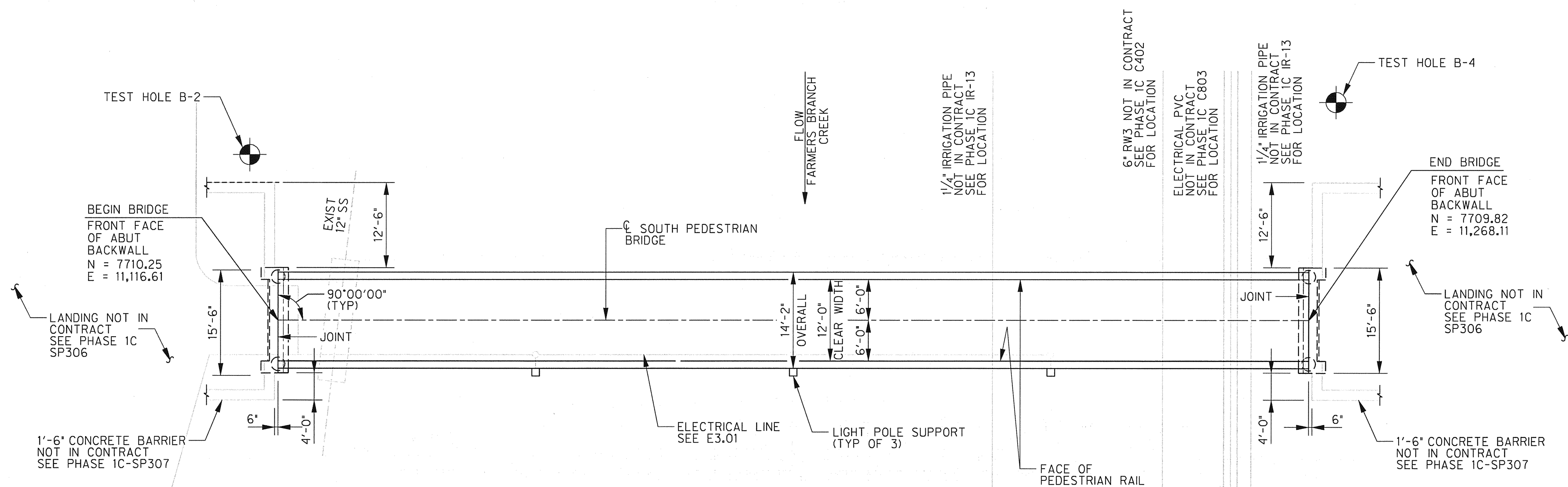
OFFICE: RCH

PROJECT # 27379

FILE: 27379-SC-PEDSOU-BL01.dgn

TIME: 10:57:04 PM

DATE: 4/28/2010



NOTES:

1. OVERALL BRIDGE DIMENSION SUBJECT TO CHANGE. DIMENSION BASED ON PREFABRICATED BRIDGE DESIGN.

DESIGN NOTES:

1. BRIDGE DESIGNED FOR PEDESTRIAN LOADING ONLY. LL = 85 PSF
2. TEST HOLE DATA PROVIDED BY GEOTEL ENGINEERING, INC. REPORT No. E08-130 DATED MARCH 6, 2008. TEST HOLE LOCATIONS ARE APPROXIMATE.
3. CONTRACTOR SHALL LOCATE ALL UTILITIES AND INFORM THE ENGINEER IN WRITING OF ANY CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.
4. DESIGN LOADS (ESTIMATES FROM BRIDGE MANUFACTURER): HORIZONTAL ABUTMENT REACTION = 21,53K VERTICAL ABUTMENT REACTION = 98,06K
5. CONTRACTOR TO VERIFY ABUTMENT BACKWALL TO ABUTMENT BACKWALL LENGTH WITH BRIDGE MANUFACTURER.
6. MODIFIED LANDING DIMENSIONS SHOWN IN PLAN VIEW. REFER TO PHASE 1C - SP306 FOR OTHER LANDING DIMENSIONS
7. LIGHT POLE SUPPORTS SHALL BE LOCATED ON VERTICAL TRUSS MEMBERS AT APPROXIMATE BRIDGE QUARTER POINTS. TOP OF SUPPORT SHALL BE AT THE SAME ELEVATION AS THE TOP OF DECKING. EXACT LOCATION TO BE CONFIRMED IN SHOP DRAWING.

FOUNDATION NOTES:

1. ALL DRILLED SHAFTS AT ABUTMENTS ARE DESIGNED FOR COMBINED SKIN FRICTION AND POINT BEARING.
2. FOUND DRILLED SHAFTS AT THE DEPTHS SHOWN OR DEEPER AS NECESSARY TO PENETRATE DARK SHALE A MINIMUM OF 8'-0".

PLAN
SCALE: 1" = 10'-0"

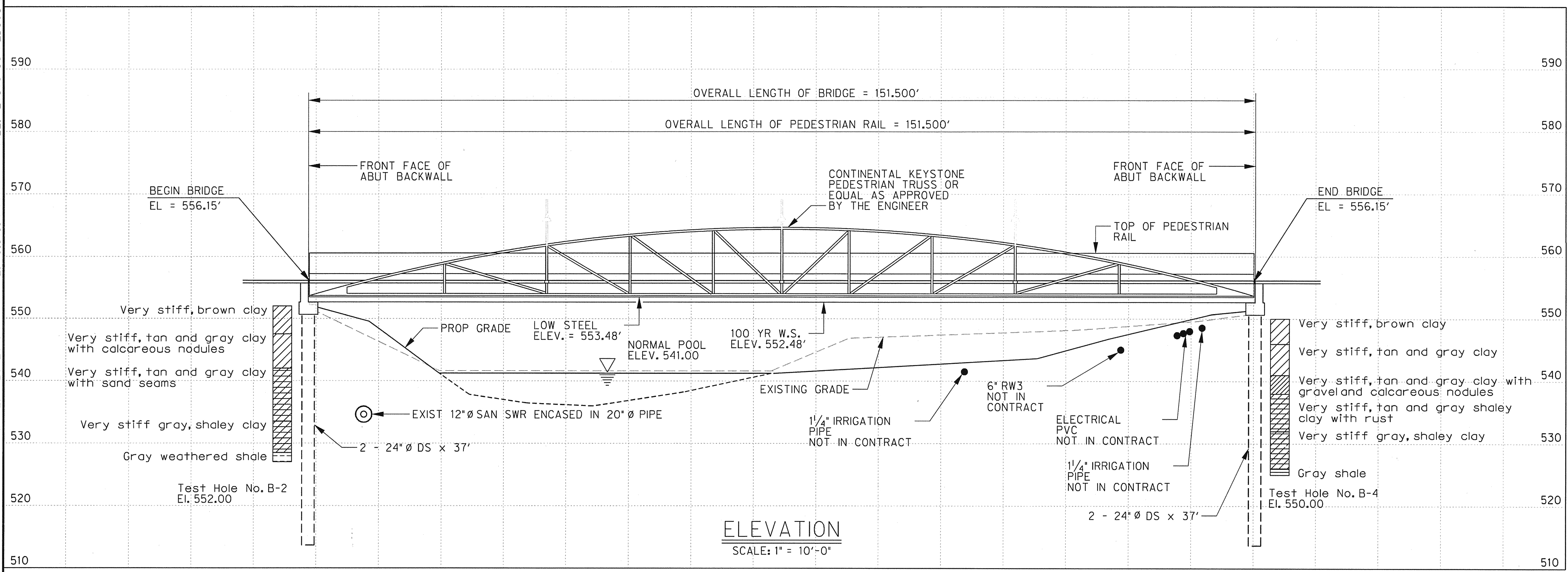
**FARMERS BRANCH CREEK
HYDRAULIC DATA**

100 YEAR FLOOD (PROPOSED)

Q = 8,944 cfs
V = 9.11 fps
HW = 552.48'



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ELEVATION
SCALE: 1" = 10'-0"

NO.	REVISION	BY	DATE

ADDISON TOWN OF ADDISON DALLAS COUNTY, TEXAS

VITRUVIAN PARK BRIDGES SOUTHERN PEDESTRIAN BRIDGE

BRIDGE LAYOUT PLAN AND ELEVATION

HALFF 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275
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PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET
27379	ESC	AHH	APRIL 2010	-	S3-01