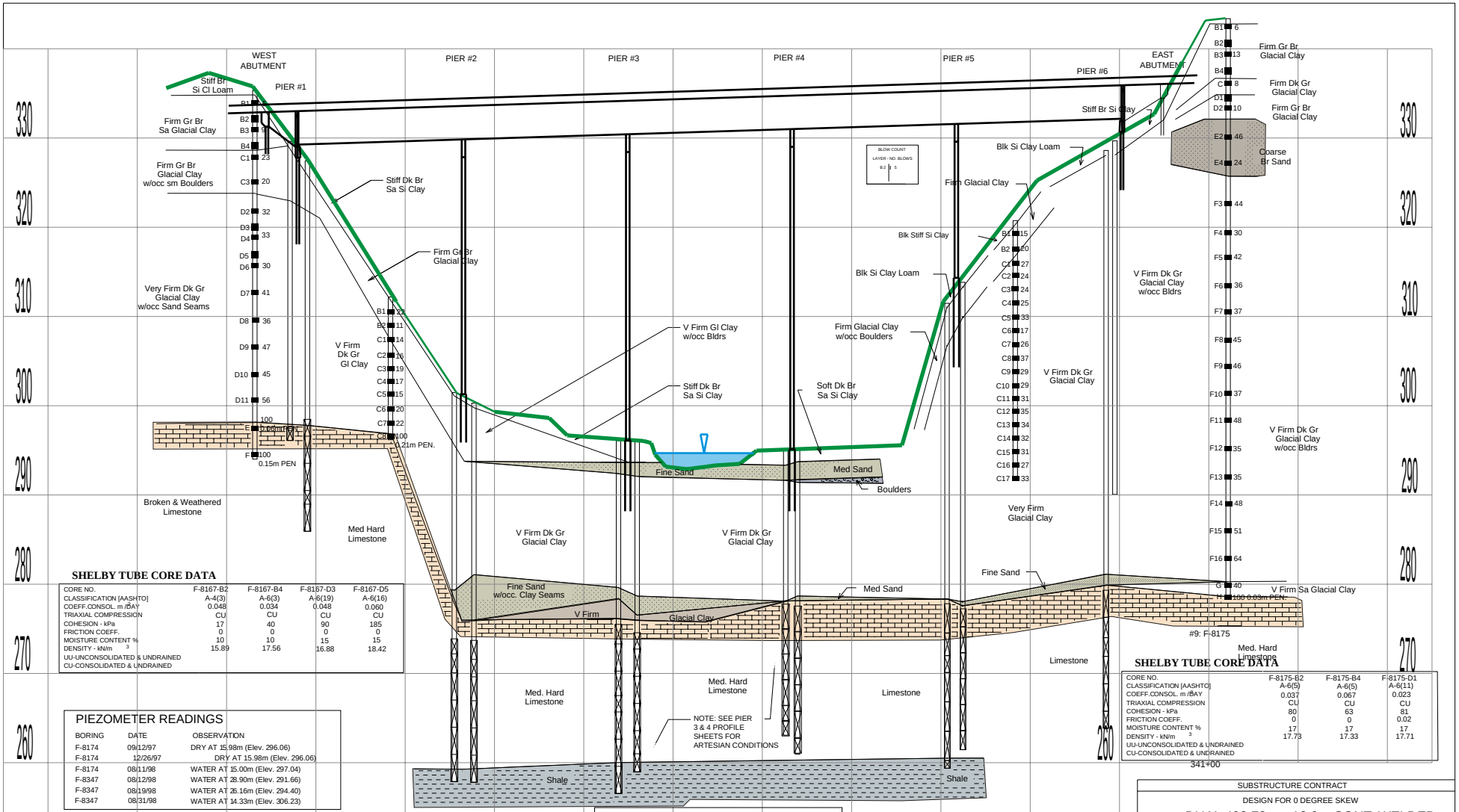

SHELBY TUBE CORE DATA

CORE NO.	F-8167-B2	F-8167-B4	F-8167-D3	F-8167-D5
CLASSIFICATION [AASHTO]	A-4(3)	A-6(3)	A-6(19)	A-6(16)
COEFF.CONSOL. m /DAY	0.048	0.034	0.048	0.060
TRIAXIAL COMPRESSION	CU	CU	CU	CU
COHESION - kPa	17	40	90	185
FRICTION COEFF.	0	0	0	0
MOISTURE CONTENT %	10	10	15	15
DENSITY - kN/m³	15.89	17.56	16.88	18.42

UU-UNCONSOLIDATED & UNDRAINED
CU-CONSOLIDATED & UNDRAINED

PIEZOMETER READINGS

BORING	DATE	OBSERVATION
F-8174	09/12/97	DRY AT 15.98m (Elev. 296.06)
F-8174	12/26/97	DRY AT 15.98m (Elev. 296.06)
F-8174	08/11/98	WATER AT 15.00m (Elev. 297.04)
F-8347	08/12/98	WATER AT 28.90m (Elev. 291.66)
F-8347	08/19/98	WATER AT 26.16m (Elev. 294.40)
F-8347	08/31/98	WATER AT 14.33m (Elev. 306.23)

THIS SHEET SHOWS GENERAL SOIL PROFILE INFORMATION. SEE PIER PROFILES FOR LAYER DETAILS AND TEST RESULTS.

SHELBY TUBE CORE DATA

CORE NO.	F-8175-B2	F-8175-B4	F-8175-D1
CLASSIFICATION [AASHTO]	A-6(5)	A-6(5)	A-6(11)
COEFF.CONSOL. m /DAY	0.037	0.067	0.023
TRIAXIAL COMPRESSION	CU	CU	CU
COHESION - kPa	80	63	81
FRICTION COEFF.	0	0	0.02
MOISTURE CONTENT %	17	17	17
DENSITY - kN/m³	17.73	17.33	17.71

UU-UNCONSOLIDATED & UNDRAINED
CU-CONSOLIDATED & UNDRAINED

SUBSTRUCTURE CONTRACT

DESIGN FOR 0 DEGREE SKEW

DUAL 498.78m x 12.0m CONT. WELDED GIRDER BRIDGE w/ PRECAST JUMPSPANS

1 - 18.395 m SPAN; 5 - 92.000 m SPANS; 1 - 18.395 m SPAN

SOUNDING DATA

STATION: 338+20.657

HARDIN COUNTY

IOWA DEPARTMENT OF TRANSPORTATION - PROJECT DEVELOPMENT DIVISION

DESIGN SHEET NO. /A06/ OF ____ FILE NO. 29212 DESIGN NO. 199

DESIGNED BY ____ CHECKED BY ____
DETAILED BY ____ CADD FILE ____

HARDIN COUNTY

PROJECT NUMBER

STATE	FHWA REGION	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IOWA	7			