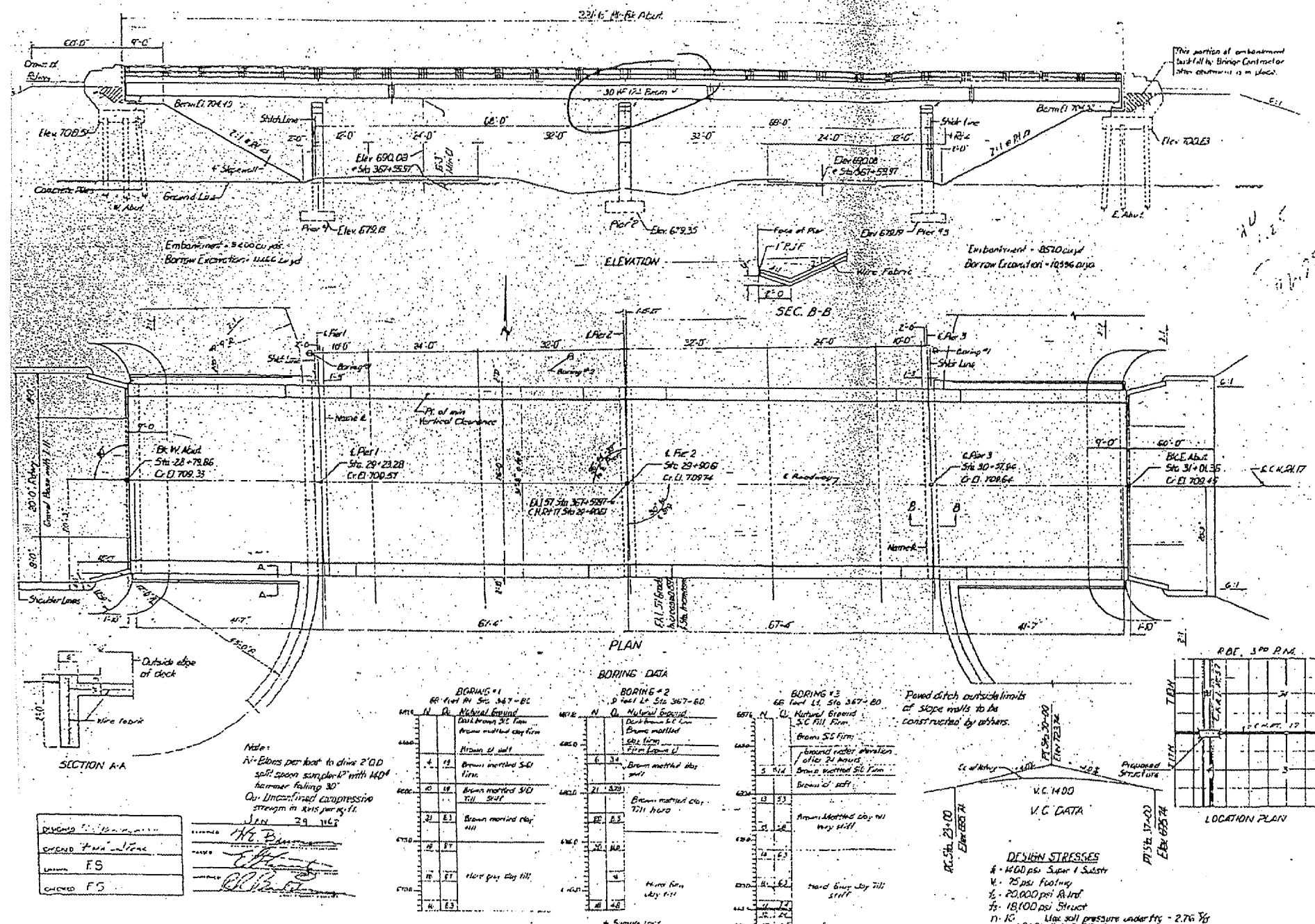


FBI ROUTE	SECTION	COUNTY	TOTAL SHEETS
57	#	CHAMPAIGN	18
REMARKS	LINE	PROJECT	

\*(10-30HB-2) & (10-31HB)P  
 CONTRACT NO. 70482



**GENERAL NOTES**

Class X concrete shall be used throughout.  
 The concrete floor slab shall be finished in accordance with Article 51.8 of the Standard Specifications.  
 Rebar #4, diam holes 1/2", unless noted.  
 Anchor bolts shall be set before fastening diaphragms over supports.  
 All nuts, washers, bearing plates, lead plates, pintles and anchor bolts shall be fabricated and set in accordance with Article 51.15 of the Standard Specifications and are included in quantity of Structural Steel, Est. Weight = 430 lbs.  
 Expansion guards shall be fabricated and erected in accordance with Article 51.16 of the Standard Specifications and are included in quantity of Structural Steel, Est. Weight = 670 lbs.  
 Slope wall shall be reinforced with welded wire fabric 6"x6" mesh, 4 wires, weighing 50# per 100 Sq. Ft.  
 The outside face of the vertical leg of the expansion guard shall be given two shop coats of red lead paint, coarse aggregate which is to be used in road posts must be absolutely free of chert, flint, limonite, lignite and soft sandstone.  
 Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of aluminum paint.  
 All paint shall be furnished and applied by the Contractor.  
 The contractor shall drive one test pile in a permanent location of W. Abut.  
 Test piles shall be prepared from embankment in accordance with Art. 609(C) of Standard Specifications.  
 All Structural Steel shall conform to the A.S.T.M. Specifications Designation A-36.

STATION 367+59.97  
 BUILT 196 BY  
 STATE OF ILLINOIS  
 F.A.I. RT. 57, SEC. 10-31 HB  
 FA. PROJ. I-57-5E4  
 LOADING HIS 542

LETTERING FOR NAME PLATE (See S12.113)  
 For Name Plate Location See Sheet #

TOTAL BILL OF MATERIAL

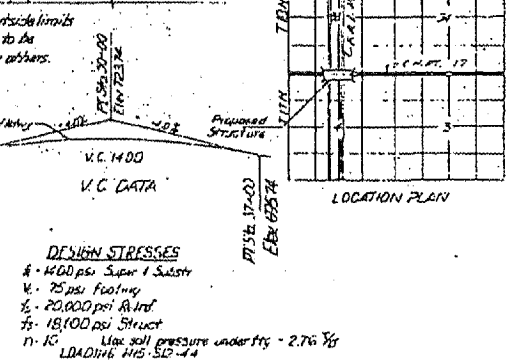
Item	Unit	Super	Sub	Total
Borrow Excavation	Cu Yd			11820
Class A Layer for Slope	Sq Yd			258
Class I concrete	Cu Yd	192.2	2375	4267
Structural steel	Lbs	162630		162630
Metal Handrail	Lbs			441
Reinforcement Bars	Lbs	47,460	17,260	64,720
Concrete Piles	Lbs			595
Test Piles (Concrete)	Each			1
Name Plates	Each			2
Slope Wall	Sq Yd			47
Protective Coat	Sq Yd	82.5		82.5

**BORING DATA**

**BORING #1**  
 RR Pier 41, Sta. 347+82  
 1. Natural Ground  
 2. Dark brown silty clay  
 3. Brown mottled clay  
 4. Brown mottled clay  
 5. Brown mottled clay  
 6. Hard gray clay  
 7. Hard gray clay  
 8. Hard gray clay

**BORING #2**  
 RR Pier 41, Sta. 347+82  
 1. Natural Ground  
 2. Dark brown silty clay  
 3. Brown mottled clay  
 4. Brown mottled clay  
 5. Brown mottled clay  
 6. Hard gray clay  
 7. Hard gray clay  
 8. Hard gray clay

**BORING #3**  
 RR Pier 41, Sta. 347+82  
 1. Natural Ground  
 2. Dark brown silty clay  
 3. Brown mottled clay  
 4. Brown mottled clay  
 5. Brown mottled clay  
 6. Hard gray clay  
 7. Hard gray clay  
 8. Hard gray clay



**SECTION A-A**

Note:  
 1. E-bases per foot to drive 2" O.D. 30" SPT sampler with 140# hammer falling 30"  
 2. Use linear strain compressive strength in this part of it.

DATE: 29 JUL 05

DESIGNED BY: [Signature]  
 CHECKED BY: [Signature]  
 APPROVED BY: [Signature]

FOR INFORMATION ONLY 010-0124 # 2 1 of 4