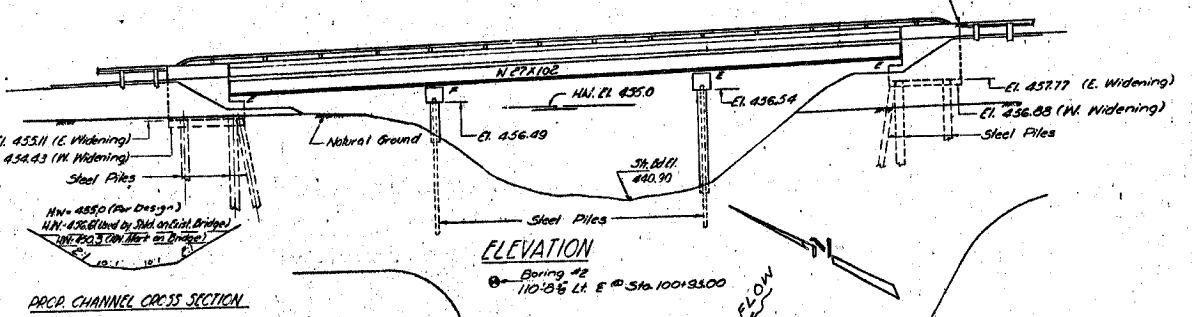


DATE	BY	CHKD	APP'D	BY	CHKD	APP'D	BY	CHKD	APP'D
1/25	1/27	1/27	1/27	1/27	1/27	1/27	1/27	1/27	1/27

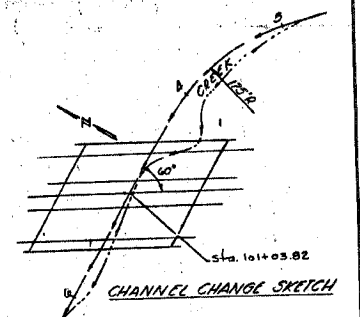
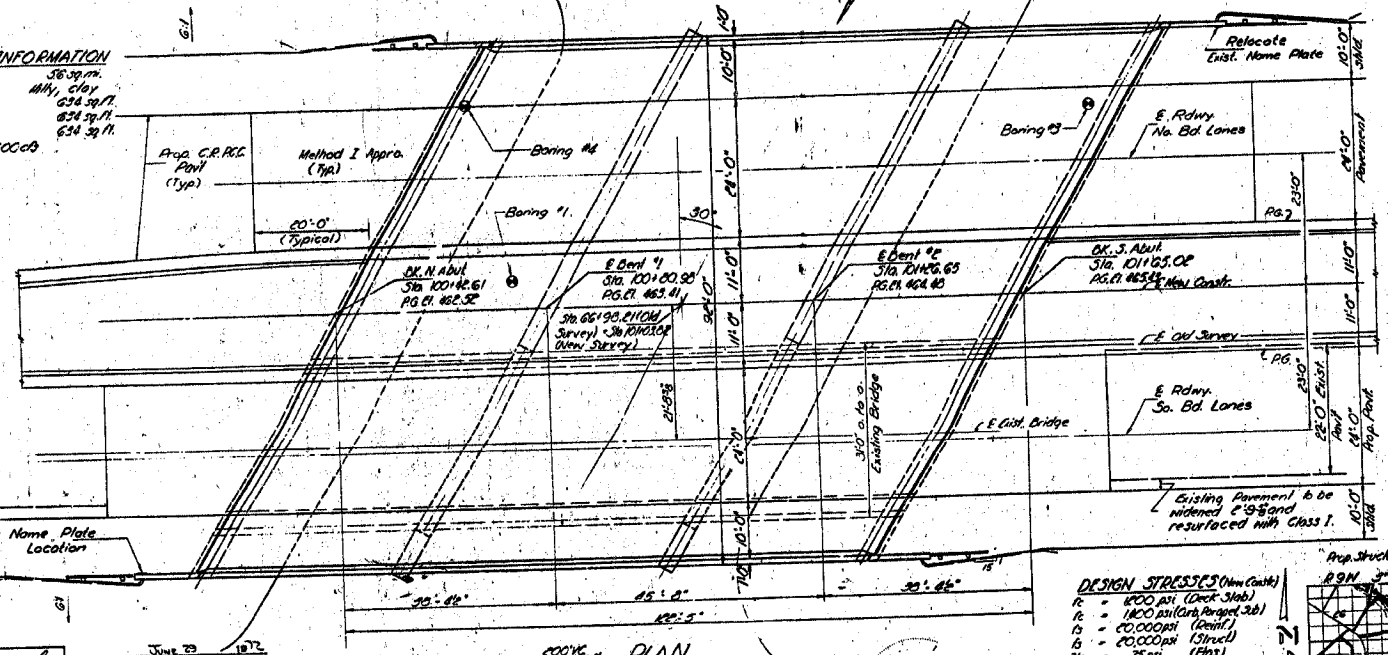
PROJECT NO. 147 ST. Clair 147 44  
SHEET NO. 1  
20 SHEETS

DM: 'D' on Nth End of West Abutment 35' R/L Sta. 100+25.01 462.83  
Existing Structure Built as P.S. 600 Sec. 146 B.F. in 1930  
@ Sta. 66+93.01 3 Span Continuous 16'21" 15' RC Piles w/ conc. caps  
to be widened.

STATION 101+03.02  
NEGRO HOLLOW CREEK  
REBUILT 1971  
F.A.P. 805 SEC. 147B-1  
F.A. PROJECT F-805(4)  
LOADING HS20  
NAME PLATE  
(See S&E 2113)



WATERWAY INFORMATION  
Drainage Area 38.39 ac.  
Character M.M., clay  
Present Opening 638 sq. ft.  
Required Opening 824 sq. ft.  
Proposed Opening 634 sq. ft.  
Q (30): 3600 cfs



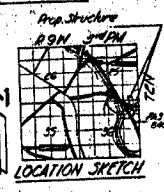
Notes:  
Work this sheet with sheet #2.  
Existing handrail shall be removed  
and stored on R.O.M. to be salvaged  
by the State.

DESIGNED: *Stacy S. Linn*  
CHECKED: *J. G. Colwell*  
DRAWN: *R. D. Doby*  
CHECKED: *99E*

EXAMINED: *W. G. Blumhagen*  
APPROVED: *Richard W. Hartman*

PROFILE F.A.P. 805 PROPOSED  
LOADING HS20

DESIGN STRESSES (New Const.)  
F<sub>c</sub> = 4000 psi (Comp. Slab)  
F<sub>c</sub> = 1800 psi (Comp. Pier) (3b)  
F<sub>s</sub> = 20,000 psi (Steel)  
F<sub>s</sub> = 20,000 psi (Struct.)  
F<sub>s</sub> = 75 psi (Pigs)  
n = 10  
Design Specifications 1969 AASHTO as applicable.



GENERAL PLAN & ELEVATION  
F.A.P. 805 OVER  
NEGRO HOLLOW CREEK  
F.A.P. 805 SECTION 147B-1  
ST. CLAIR COUNTY  
STATION 101+03.02

Rev. 10.22.76