







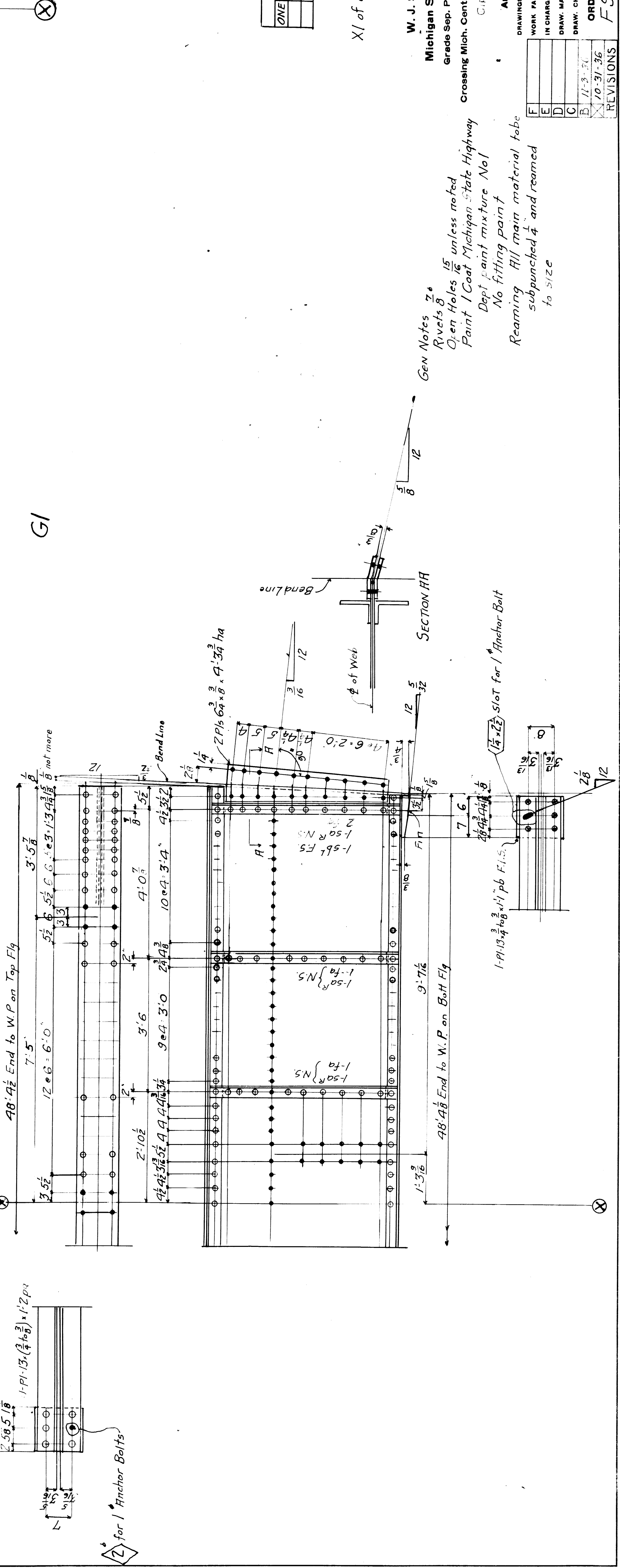
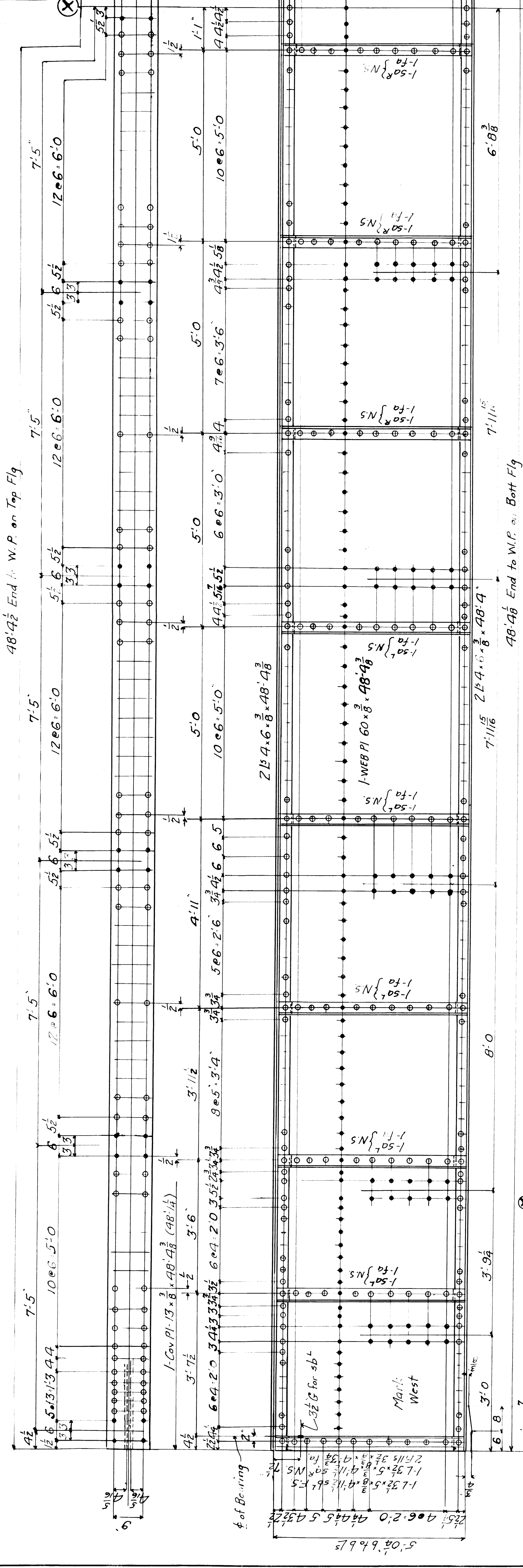








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REQUIRED	
ONE GIRDER	G1

X1 of 82-22-47

W. J. STOREN CO.  
Michigan State Highway Dept.  
Grade Sep. Proj. WPGM 359 Sec. A  
Crossing Mich. Central R. R. Livermore Ave. Detroit

AMERICAN BRIDGE COMPANY.  
DRAWINGS MADE AT Gary, IN.  
WORK FABRICATED AT Gary, IN.  
IN CHARGE OF Huber  
DRAW. MADE BY H.W.F. DATE 5-22-36  
DRAW. CHECKED BY G.B.H. DATE 6-23-36  
SHEET NO. 7  
ORDER NO. F9838  
REVISIONS

Gen Notes 7\*  
Rivets 8  
Open Holes 15 unless noted  
Paint 1 Coat Michigan State Highway  
Dept. Paint mixture Nol  
No fitting paint  
Reaming fill main material to be  
subpunched & and reamed  
to size





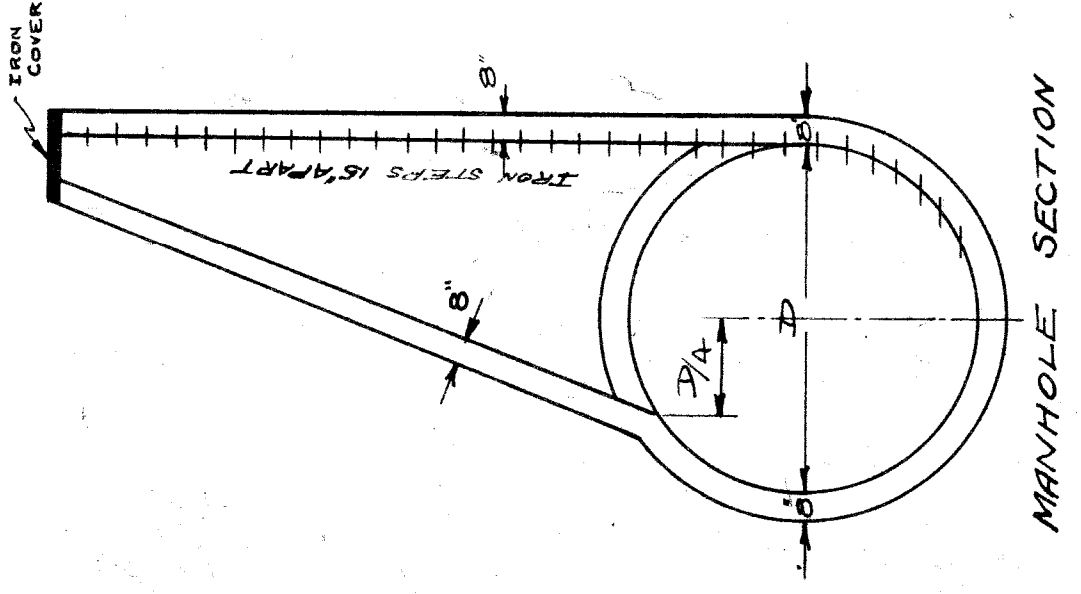








Printed 2-26-51  
 Ref. Print  
 Livernois Grade  
 SEP 13



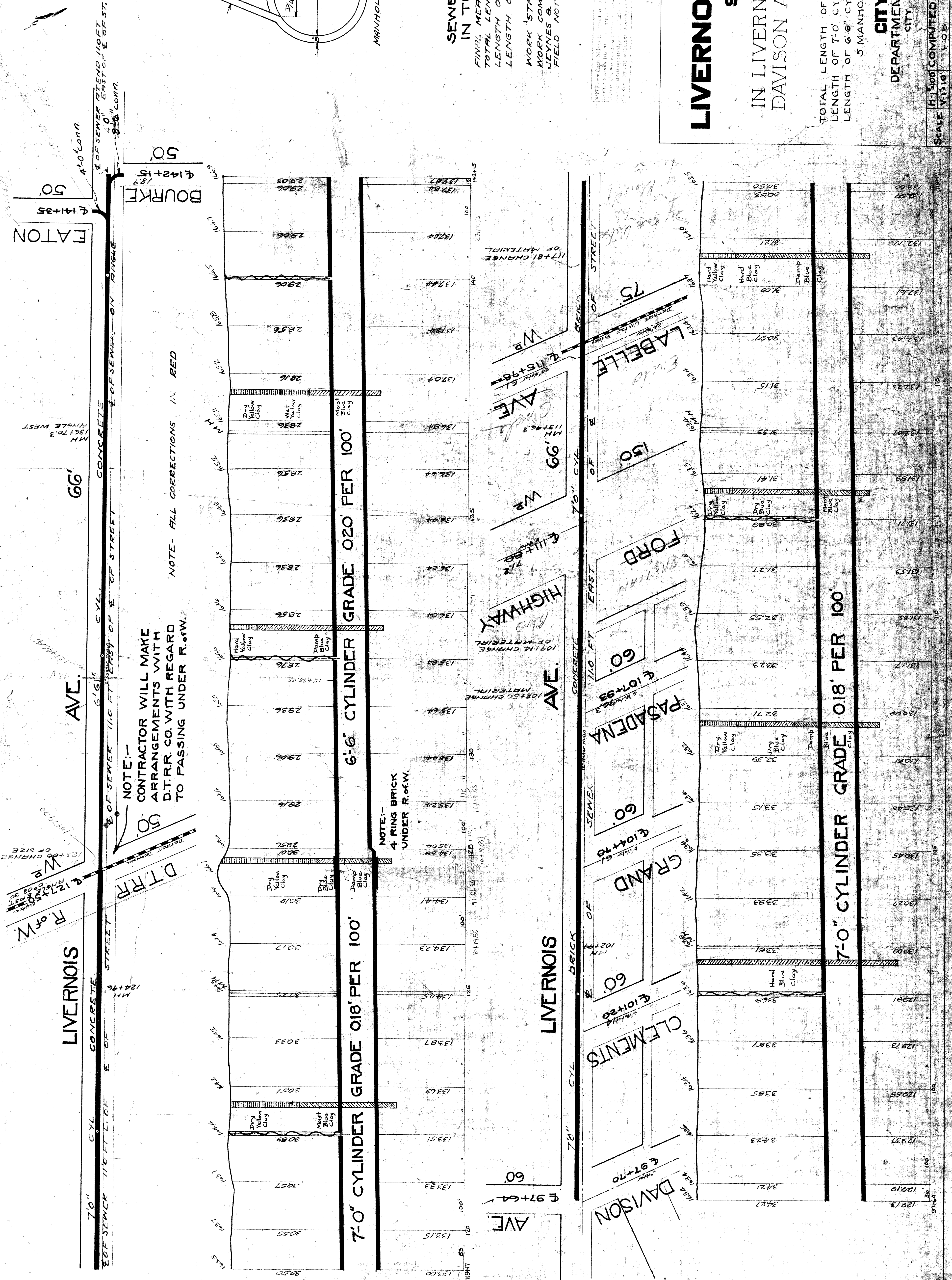
**SEWER TO BE BUILT IN TUNNEL**  
 FINAL MEASUREMENT APRIL 7, 1921  
 TOTAL LENGTH OF SEWER 4454.90 FT  
 LENGTH OF 70" CYL. 3036.00 FT  
 LENGTH OF 6" CYL. 1418.90 FT  
 WORK STARTED APRIL 7, 1921  
 WORK COMPLETED DEC. 21, 1921  
 JEYNES & AFFELD  
 CONTRACTORS  
 FIELD NOTES

**LIVERNOIS AVE SEWER SECTION - 3**  
 IN LIVERNOIS AVE BETWEEN  
 DAVISON AND BOURKE AVES  
 DETAILS

TOTAL LENGTH OF SEWER 4451 FT. More L  
 LENGTH OF 70" CYLINDER 3036 FT. More L  
 LENGTH OF 6" CYLINDER 1415 FT. More L  
 5 MANHOLES WITH IRON STEPS

**CITY OF DETROIT**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 JAN 1921

SCALE: H.T. 1" = 10' COMPUTED: V. 1" = 10' DRAWN: M.P.L. 1921 CHECKED: F.O.B. 7-0-15 TRACED: M.P.L.



NOTE - ALL CORRECTIONS IN RED

NOTE - CONTRACTOR WILL MAKE ARRANGEMENTS WITH D.T.R.R. CO. WITH REGARD TO PASSING UNDER R.O.F.W.

NOTE - 4 RING BRICK UNDER R.O.F.W.

LIVERNOIS

AVE.

66'

EATON

BOURKE

70" CYLINDER GRADE 018' PER 100'

6" 6" CYLINDER GRADE 020' PER 100'

70" CYLINDER GRADE 018' PER 100'

LIVERNOIS

AVE.

66'

EATON

BOURKE

CLEMENTS

GRAND

PASADENA

FORD

AVE.

75'

150'

DAVISON

CONCRETE

70" CYL

BRICK

110 FT EAST

BEHIND

OF STREET

CONCRETE

70" CYL

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