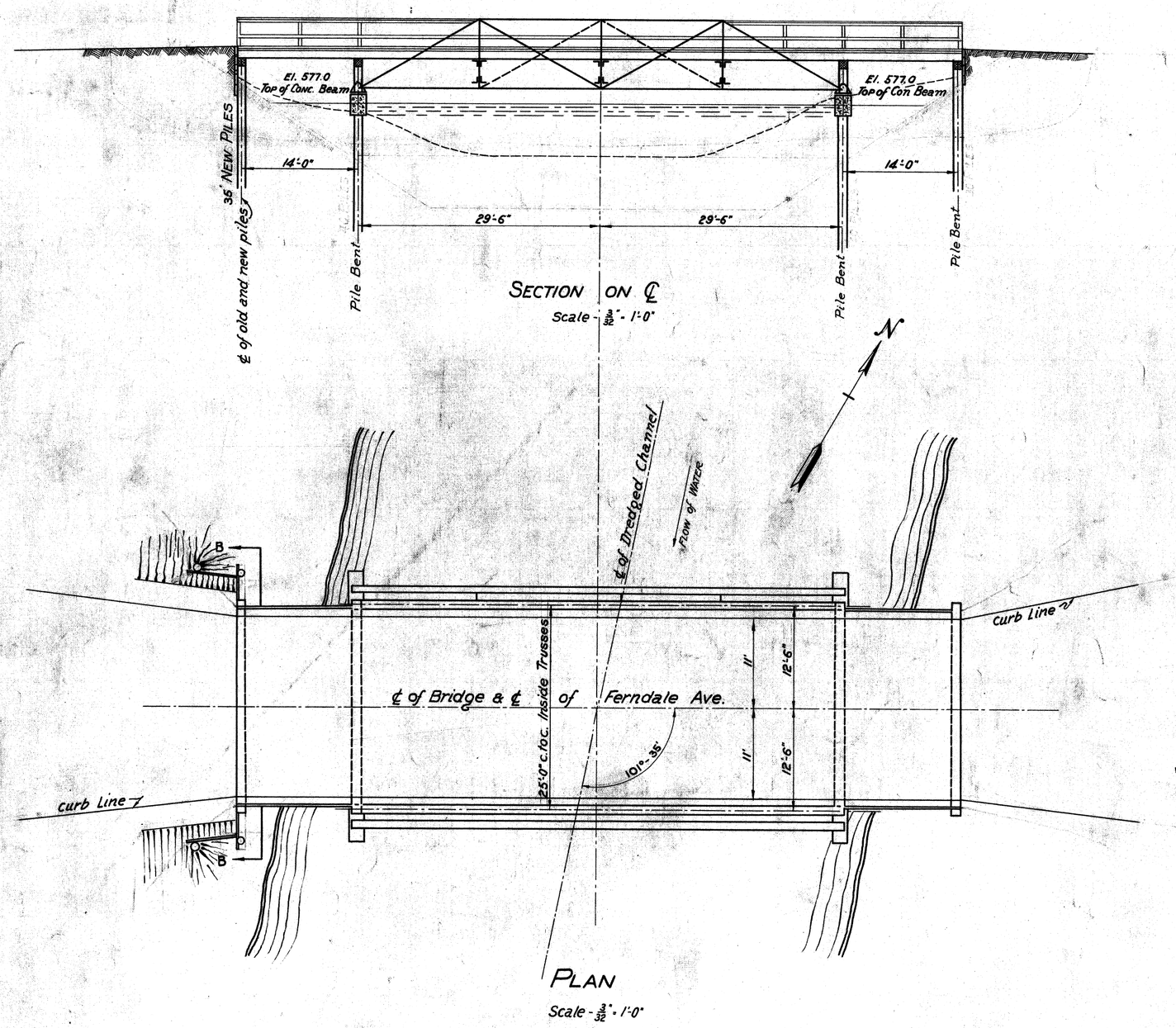
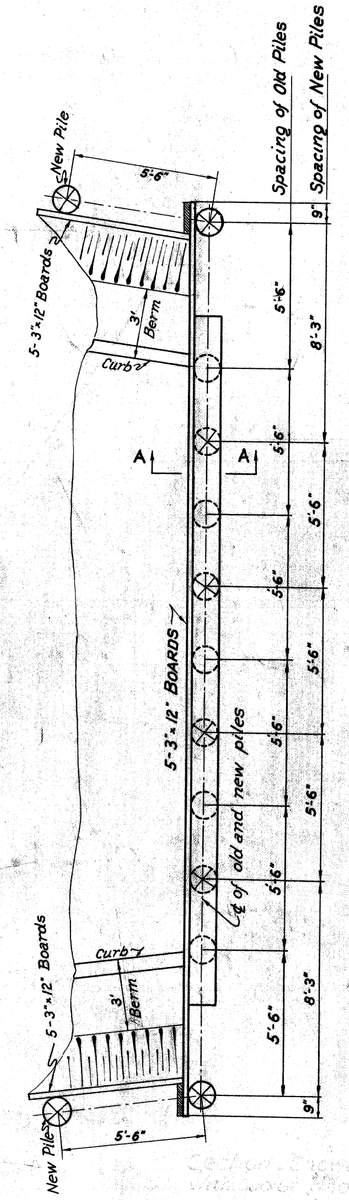
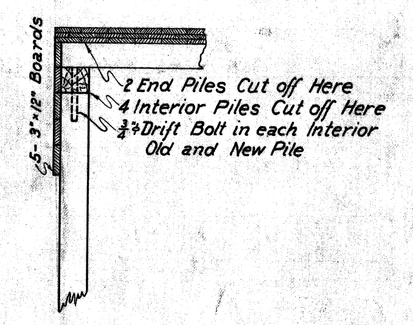
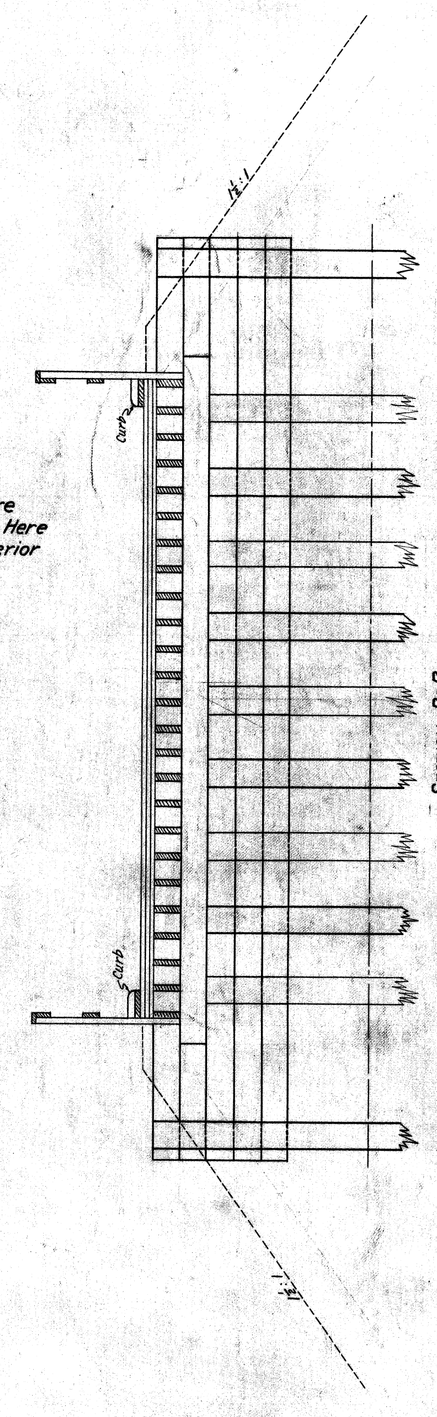






SECTION A-A
Scale - 1/4" = 1'-0"



DETAIL SPECIFICATIONS

SCOPE OF WORK.

Under the lump sum price to be paid for this work the Contractor shall furnish all labor, materials, equipment and tools to make the necessary repairs and alterations on the Ferndale Ave. Bridge over Baby Creek as per the following Specifications and as shown or called for on this drawing.

EXCAVATION & BACKFILLING.

The Contractor shall excavate behind the west abutment piles sufficiently to enable him to drive the additional piles and do all work necessarry at this point. The excavated material can be used in filling in outside of the curb line only. The back fill behind the piles under the pavement shall be gravel or other approved material. Fill in on both sides of existing concrete curbs to form a 3 ft. berm.

PILING.

The Contractor shall drive eight (8) new piles in the location shown on plan. He shall also pull back the exsisting piles so that both the new and the old piles are lined up. Also bring the existing 12 × 12 cap timber again flush with the end of the existing timber stringers on bridge.

All piles shall be M12-Railroad Pilework Grade in accordance with A.R.E.A. specifications. They shall be not less than 35 ft. long after cut off. The minimum diameter at one quarter of the length from the butt shall be 12 inches and the maximum diameter at the butt 20 inches. Minimum diameter at the tip shall be 8 inches.

TIMBER AND FRAMING

The Contractor shall remove all existing unsound 3 × 12 planks used behind the piles and shall furnish new 3 × 12 planks in their place He shall also extend the planking to include the new piles as shown on plan. All planks to be of yellow pine timber and not less than 14 ft long except those along the curbs. All planks to be securly nailed to piles.

The existing 12 × 12 cap timber shall be drift bolted to the new piles with 3/4 diameter drift bolts.

After the straightening out of the piles and the pulling back of the cap timber to its final position flush with the ends of the existing stringers all stringers shall be toe nailed to cap timber with not less than 4-8" long steel spikes.

CURBS AND REPAVING.

The existing end curbstones shall be reset by the Contractor in the position formerly held.

All paving that was removed by him shall be replaced by the Contractor in kind. A sufficient area of paving slab shall be removed to form a straight joint perpendicular with the center line of Ferndale Avenue. The new paving shall extend not less than 6 ft. from the west end of the bridge. All paving shall be in accordance with City of Detroit specifications.

CLEANING AND PAINTING OF STEEL.

The Contractor shall clean the steel trusses and floor of the bridge of all rust, scale, loose paint or dirt. He shall then paint all steel with two coats of black paint. Detroit graphite or equal.

CLEANING UP ETC.

The Contractor is to clean the site of all debris, dirt etc. caused by his work and is to replace all fences etc. that were taken down by him.

CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
OFFICE OF CITY ENGINEER
DIVISION OF GRADE SEPARATION AND BRIDGES

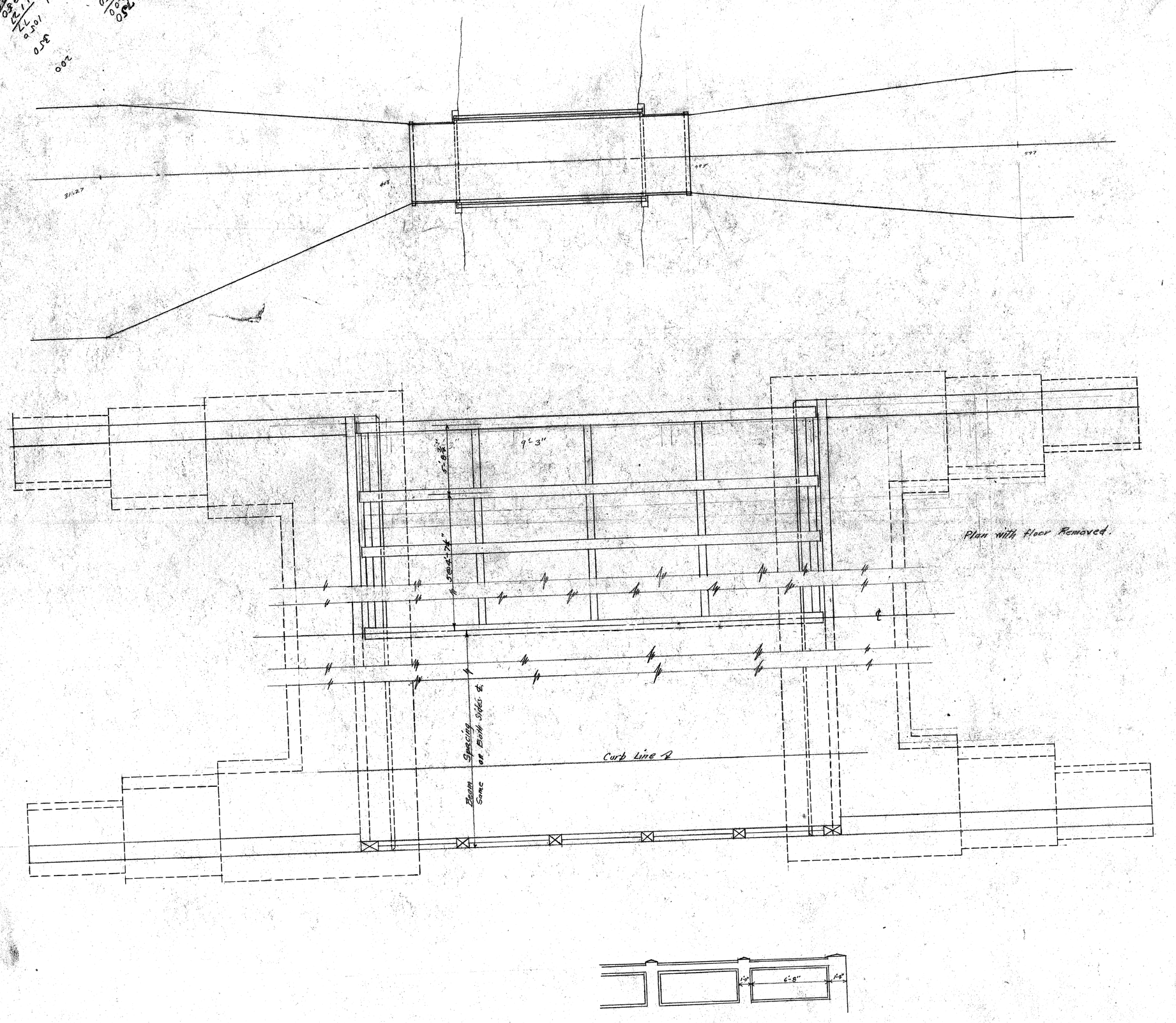
REPAIR WORK ON FERNDALE AVE. BRIDGE OVER BABY CREEK

APPROVED BY: Perry A. Freeman
CITY ENGINEER

DRAWN BY: C.J.U.
CHECKED BY: A.J. 9/8/28
SCALE: AS SHOWN

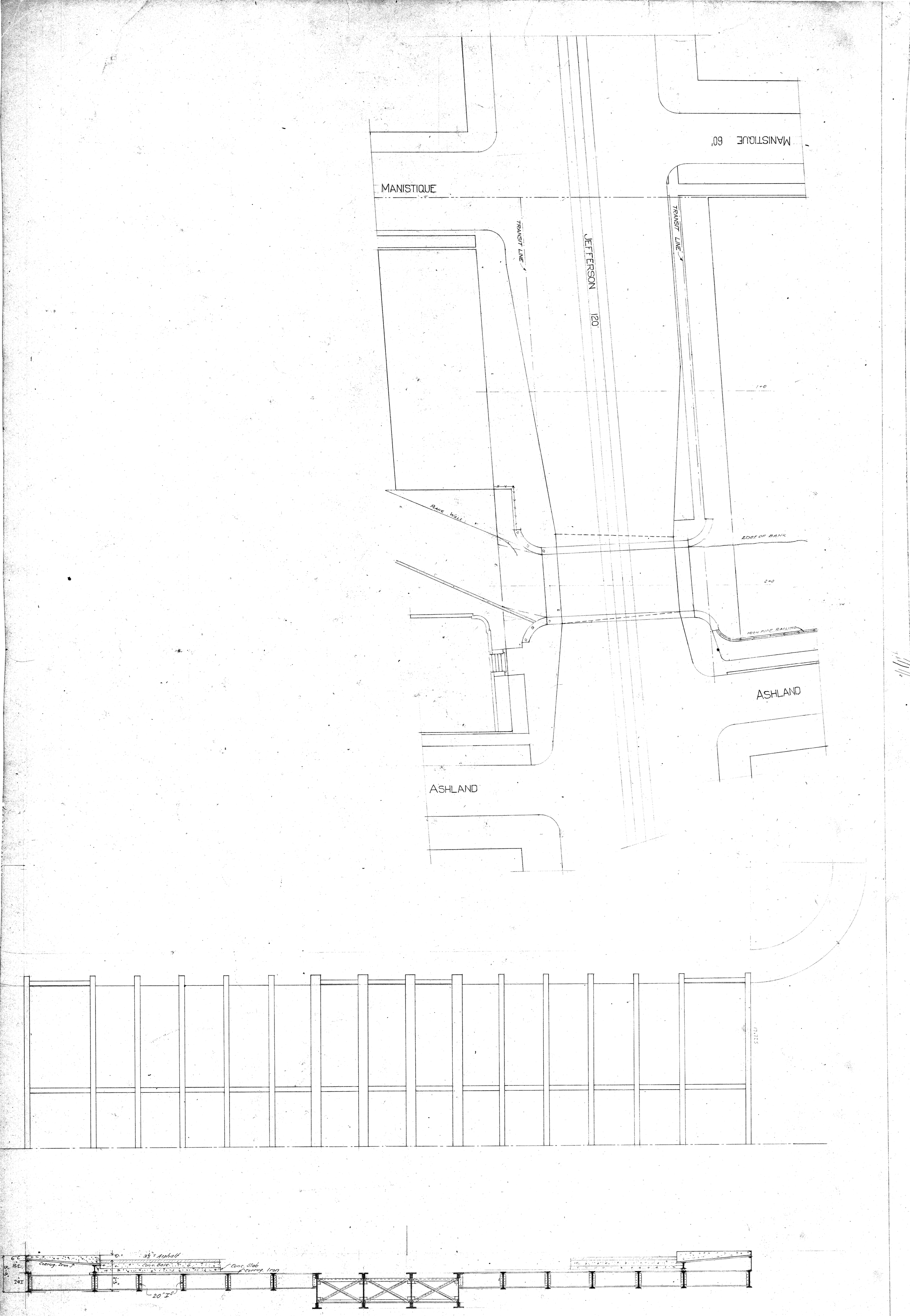
SEPT. 8: 1928

File BW 260-1



Baby Creek

File BW260-2


MANISTIQUE
MANISTIQUE 60'
TRANSIT LINE
JEFFERSON 120'
TRANSIT LINE
1+0
PLANK WALL
EDGE OF BANK
2+0
IRON PIPE RAILING
ASHLAND
ASHLAND
17725
6"
15 E.
24 I
3½" Asphalt
Corrug. Iron
Conc. Base
Conc. Slab
Corrug. Iron
3'-3"
20" I's