Curve Data
Δ = 14° 17' 48"
R = 900'
T = 112.87'
L = 224.57'

Lake Okoneka

Stone Wall

Edge of Bank

Pump House

Intake

Remove Fence

Note: Harbor Line Monument to be reset by Survey Department.

Harbor Line Mon.

P.L.C.

New Curb Line

Exist Curb Line

New Pavement

Curb Line

Transit Line

Re-Surface

New 42" Pipe

℄ Bridge

New Pavement

Curb Line

Exist Pipe

Bar Screen

Edge of Bank

Blue Huron Lagoon

Plan
Scale 1"=20'

Plan of Intake Chamber

Pump House 10'-11"

Chamber

Intake

1" Plank Cover

New Concrete Wall See Section B-B

Exist. Apron

Cut Key

Note: Remove Wall to extent of interference with Pipe

Pump House Floor

Section A-A

Plank Cover

New Conc. Wall See Sect. B-B

Intake Chamber

See Note above

Apron

Note: Cut Exist. Concrete on these lines & replace with new concrete after pipes are set in place.

8-¾" Hook Bolts with 2-Nuts each

Exist. Opening

Section B-B

Location Plan

Lake Okoneka

Pump House

Riding Stable

Exist. Bridge #18

Location of Pipe Culvert

Blue Huron Lagoon

Cross Section Sta. 2+00
Scale 8"=1'0"

Pump House

Floor Line 97.116

Slope 1:10

Pavement

Earth Fill

Sand & Gravel Fill

Bar Screens (See Details)

Apron

Sand & Gravel Fill 6" Min.

Note: New Pipe to be 42"ϕ, No 12 Ga. with 24" Band Connections, Double Full Coated and in accordance with A.A.S.H.O. Spec. New 42" Corr. Pipe, 75'-10"±

Exist. 42" Corr. Pipe 20'-4"±

Note: Exist Bridge, Abutments & Wing Walls to be removed to 2'-0" below finished Grade

Remove side walls of Apron to extent of interference with Pipe

Profile of Pavement
Horizontal Scale 1"=20'
Vertical " 1"=10'

℄ Bridge

New Curb Grade East Side

New Curb Grade West Side

Sand & Gravel Fill

Exist Ground Line

Exist. Channels

Bar Screen. 2-Req'd

Bldg Weld

Channel Guide

Section C-C

Stop L 2x2x5'-3 Long bolt in field to Channel Guides. (¾" Bolts)

Sect. D-D

Note: Weld Frame & Bars.

Varies

Std. Type II Curb

Min. 12" Stabalized Sub-Base

Asphalt Topping

Bituminous Concrete Base

Cross Section of New Roadway
No Scale

Note: For Construction, check all dimensions in Field

Book No. 1573 Pgs. 22-27 incl.

	G							REFERENCE DRAWINGS	
	F								
	E								
	D								
	C								
	B								
	A								
NOTED BY		DESCRIPTION	DR'N	CK'D	AP'VD	DATE			
		REVISIONS							

DESIGNED BY
DRAWN BY R.M.Speck
TRACED BY
CHECKED BY J.L. BARTON

APPROVED:
J. L. Barton 11/29/49
SR. ASSOC. STRUCT. ENGINEER
W. W. Wallace
ENGINEER OF STREETS
Martin R. Fisher
DEPUTY CITY ENGINEER

CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
CITY ENGINEERS OFFICE
BUREAU OF DESIGN

BELLE ISLE BRIDGES
BRIDGE NO. 18.
PLAN FOR REMOVAL OF BRIDGE

SHEET 1 OF 1 SHEETS
JOB No. 391
DRWG No. S-1
DATE SEPT. 1949

Drawn 4