

8. USGS QUAD.

UTM's: Zone  
E 111133B10  
N 110103151  
E 111411210  
N 1101014101

Designer/Engineer:

Builder/Contractor:

City of Pittsburgh's Dept. of Public Works; Division of Bridges and Structures  
Bridge Company: Fort Pitt Bridge Works

Date(s): 1988; basis BMS Sheet

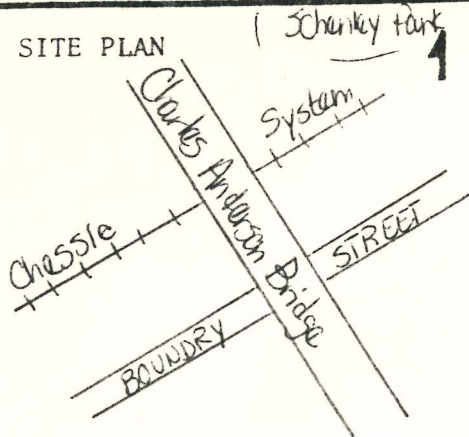
1968; basis Bridge Inspection Report

1979; basis Inspection Report

\_\_\_\_\_; basis \_\_\_\_\_

Use: vehicular and pedestrian present; vehicular and pedestrian original.

10. SITE PLAN



11. INTEGRITY

altered; \_\_\_\_\_  
 unaltered; \_\_\_\_\_  
moved; \_\_\_\_\_

Explain:

12. VTFW



13. COMMENTS

Unusual features:

One of the earliest "Wichert" Bridges. (Continuous Span Determinate Structure)

Locale/environment:

Oakland

Machinery (describe/identify type/equipment):

14. DIMENSIONS

spans:    no., 767 ft. O/A  
main: 01 no.,    ft.  
secondary:    no.,    ft.  
approach: 02 no.,    ft.  
piers:    no.  
towers:    no.,    ft.

County: Allegheny  
Municipality: City of Pittsburgh  
Structure No.: 02101A1WIDZ10101010151  
Survey Code:     
Other name (historic name if any): Clark Anderson Memorial Bridge  
7. Crossing: over Boundary St and Chessie System

15. TYPE

CHARACTERISTICS

Truss: continuous cantilever:

*Steel, deck*

Arch: masonry/metal:

Suspension:

Bascule:

Swing:

Vertical Lift:

Other:

webbing: \_\_\_\_\_  
 anchor span: \_\_\_\_\_  
 cantilever span: \_\_\_\_\_  
 suspended span: \_\_\_\_\_  
 thru/deck/low (pony): full-slope/half-hip.  
 connections: pin/riveted.  
 eyebars: loop welded/die forged.  
 railing: metal  
 columns: \_\_\_\_\_

thru/deck/1/2-thru.  
 fixed (hingeless) /1/2/3-hinged.  
 ribs: solid/braced; crescent/parallel.  
 spandrels: open/solid/braced.  
 intrados/vault; ribbed/solid.  
 shape: semi-circular/elliptical/segmental; stilted.  
 skew

stiffening: braced-chain (1/2/3-hinged) /suspended truss  
 wire cable: twisted/parallel.  
 eyebar chain.  
 back-stay: straight/curved.

single/double leaf.  
 rolling lift: Schertzer.  
 trunnion: simple (Chicago) /multiple (Strauss).  
 counterweights: heel/overhead.  
 Page/Rall.  
 semi-lift/direct lift.

bearing: center/rim/combination.  
 (see Truss above).

(see Truss above).

other: \_\_\_\_\_

16. MATERIALS (primary)

Superstructure	type	treatment/finish	source
main span:	<u>asphalt and concrete</u>	_____	<u>Bridge Inspection Report</u>
towers:	_____	_____	_____
railings:	<u>metal</u>	_____	<u>Bridge Inspection Report</u>
Substructure			
piers:	_____	_____	_____
abutments:	<u>concrete</u>	_____	<u>Bridge Inspection Report</u>
wings:	_____	_____	_____
intrados/ribs:	_____	_____	_____
voussiors:	_____	_____	_____

17. PHOTO NO's.

18. PREPARED BY: Jim Fitzwilliams  
 AGENCY/ORGANIZATION: City of Pittsburgh  
 ; DATE: 6-27-88