

PENNSYLVANIA HISTORIC RESOURCE SURVEY FORM

Bureau for Historic Preservation Box 1026  
PA Historical & Museum Commission Harrisburg, PA 17120

9. HISTORICAL DATA

8. USGS QUAD. WagonTown

UTM's: Zone 18

E	4	3	5	3	0	0
N	4	4	3	4	0	9
E						
N						

Designer/Engineer:

Unknown

Builder/Contractor:

P. J. McCORMICK & SONS

Bridge Company:

Unknown

Date(s): 1903 ; basis  
Plaque on Bridge

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

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

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

Use: Veh. present; Veh. original.

10. SITE PLAN



11. INTEGRITY

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

Explain:

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Brick Intrados  
Extended pier on upstream side.

Locale/environment: Semi-Rural  
Attractive old farmstead adjacent on N.W. side

Machinery (describe/identify type/equipment):

14. DIMENSIONS

spans: 2 no., 39 ft. <sup>100'</sup> O/A  
 main: 1 no., 20 ft.  
 secondary: 1 no., 19 ft.  
 approach: \_\_\_ no., \_\_\_ ft.  
 piers: \_\_\_ no.  
 towers: \_\_\_ no., \_\_\_ ft.

1. County	Chester
2. Municipality	East Brandywine Township
3. Structure No.	151110161121010181919161
4. Survey Code	811 S-16
5. Present Name	Marshall's Bridge
6. Other Name (Historic Name if any)	Marshall's Bridge
7. Crossing	Marshall Road over Culbertson Run

000189

## 15. TYPE

## CHARACTERISTICS

 Truss: continuous/cantilever:

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

 Arch: masonry/metal:

thru/deck/3-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

 Suspension:

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

 Bascule:

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

 Swing:

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

 Vertical Lift: (see Truss above). Other: other: \_\_\_\_\_

## 16. MATERIALS (primary)

Superstructure	type	treatment/finish	source
main span:	Masonry	Random	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	Masonry	Random	_____
abutments:	_____	_____	_____
wings:	Masonry	Random	_____
intrados/ribs:	Brick	4 Courses	_____
voussoirs:	"	"	_____

17. PHOTO NO's.

06-34 (31-38)

18. PREPARED BY:

 AGENCY/ORGANIZATION: District 6-0  
 ; DATE: 11-12-82

Survey Number: S-16

Bridge Name and Address: Marshall's Bridge  
L.R. 612  
Chester County

Owner: Commonwealth of Pennsylvania  
Department of Transportation  
Transportation & Safety Building  
Harrisburg, Pennsylvania 17120

Statement of Significance: Marshall's Bridge is an unusual early twentieth century stone bridge built by local contractor, P. J. McCormick & Sons. Constructed in 1903 of coursed rubble, the bridge is similar in overall configuration to nineteenth century stone highway bridges but it is distinguished through the use of brick arch rings. This is one of the few bridges in the nominated group that utilizes brick arch rings.

Area of Significance: Engineering

Boundary Description: The nominated property consists of a 100 feet long by 25 feet wide rectangle whose vertices coincide with the outside corners of the bridge's wing walls, and includes only bridge superstructure and substructure.

Acreage of Nominated Property: Less than one acre.