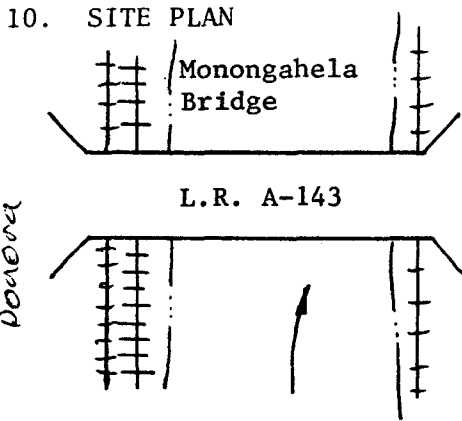


8. USGS QUAD. ~~53~~ Donora  
 UTM's: Zone 17  
 E | 5 | 9 | 7 | 7 | 2 | 0 |  
 N | 4 | 4 | 4 | 8 | 6 | 3 | 0 |  
 E | | | | | | |  
 N | | | | | | |

Designer/Engineer:  
 Wm. Wylie  
 Builder/Contractor:  
 Unknown  
 Bridge Company:  
 Sofias Construction Company



Date(s): 1906 ; basis  
 Bridge File  
 1908 ; basis  
 Bridge Plaque  
 ; basis  
 ; basis  
 Use: Vehicular present; Vehicular original.

11. INTEGRITY  
x altered; 1938, 49, 61, 66  
 unaltered; \_\_\_\_\_  
 moved; \_\_\_\_\_  
 Explain:  
 Reconstructed

12. VIEW no.

PHOTO

13. COMMENTS  
 Unusual features:  
 Built jointly by both  
 counties 5 truss spans  
 and 9 Girder & Slab Spans

Locale/environment:  
 Connects Washington & Westmoreland County  
 Adjacent to Factory

Machinery (describe/identify type/  
 equipment):

N/A

14. DIMENSIONS  
 spans: 14 no., 1,531 ft. O/A  
 main: 1 no., 515 ft.  
 secondary: no., ft.  
 approach: no., ft.  
 piers: no.  
 towers: no., ft.

1. County Washington & Westmoreland  
 2. Municipality Rostraver + Donora  
 3. Structure No. 6 | 2 | 1 | 1 | 0 | 1 | 4 | 3 | 7 | 0 | 0 | 0 | 9 | 10 | 15 |  
 4. Survey Code 12-310 T-43  
 5. Present Name Webster Donora Bridge  
 6. Other name (historic name if any) N/A  
 7. Crossing A 143 over Mon. River

15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:

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: Guard rail  
 columns: Laced I-beams

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>Steel</u>	_____	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	<u>Stone</u>	_____	_____
abutments:	<u>Stone</u>	_____	_____
wings:	_____	_____	_____
intrados/ribs:	_____	_____	_____
voussiors:	_____	_____	_____

17. PHOTO NO's.

12-05 (16-37)  
 Proof Sheet WA-5

18. PREPARED BY:

AGENCY/ORGANIZATION: PennDOT/Dist. 12-0  
 ; DATE: 7/82

8. USGS QUAD.

UTM's: Zone

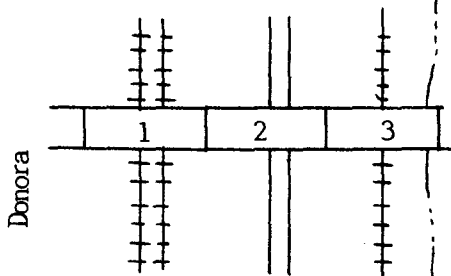
E																				
N																				
E																				
N																				

Designer/Engineer:

Builder/Contractor:

Bridge Company:

10. SITE PLAN



Truss spans 1 - 2 - 3

Date(s): \_\_\_\_\_; basis

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

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

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

Use: present; original.

11. INTEGRITY

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

Explain:

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Locale/environment:

Machinery (describe/identify type/  
 equipment):

14. DIMENSIONS

spans: \_\_\_\_\_ no., \_\_\_\_\_ ft. O/A  
 main: \_\_\_\_\_ no., \_\_\_\_\_ ft.  
 secondary: \_\_\_\_\_ no., \_\_\_\_\_ ft.  
 approach: \_\_\_\_\_ no., \_\_\_\_\_ ft.  
 piers: \_\_\_\_\_ no.  
 towers: \_\_\_\_\_ no., \_\_\_\_\_ ft.

1. County	2. Municipality	3. Structure No.	4. Survey Code
5. Present Name	6. Other name (historic name if any)	7. Crossing	T-43

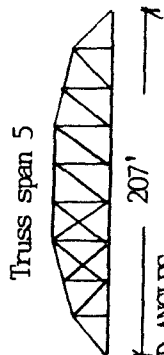
15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:  
(1) (2) (3) (5)

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

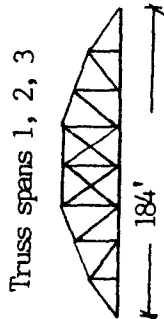
Arch: masonry/metal:



Suspension:

- 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.

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:	steel	lacing	Cambria
towers:			
railings:	steel	guard rail	
Substructure			
piers:	Gunited	stone	
abutments:			
wings:			
intrados/ribs:			
voussiors:			

17. PHOTO NO's.

18. PREPARED BY: J. Over  
 AGENCY/ORGANIZATION: PennDOT  
 ; DATE: District 12-0

**9. HISTORICAL DATA**

3 of 4

**8. USGS QUAD.**

UTM's: Zone

E									
N									
E									
N									

Designer/Engineer:

Builder/Contractor:

Bridge Company:

Date(s): \_\_\_\_\_; basis

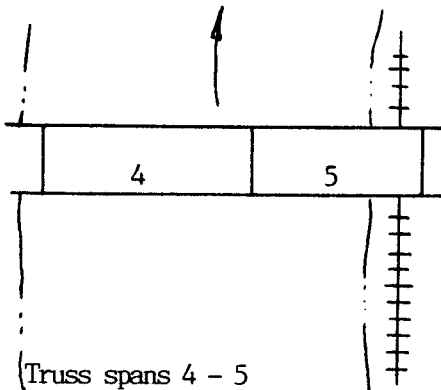
\_\_\_\_\_; basis

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

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

Use: \_\_\_\_\_ present; \_\_\_\_\_ original.

**10. SITE PLAN**



**11. INTEGRITY**

\_\_\_ altered; \_\_\_\_\_.

\_\_\_ unaltered; \_\_\_\_\_.

\_\_\_ moved; \_\_\_\_\_.

Explain:

**12. VIEW**

no.

PHOTO

**13. COMMENTS**

Unusual features:

Locale/environment:

Machinery (describe/identify type/  
 equipment):

**14. DIMENSIONS**

spans: \_\_\_\_\_ no., \_\_\_\_\_ ft. O/A

main: \_\_\_\_\_ no., \_\_\_\_\_ ft.

secondary: \_\_\_\_\_ no., \_\_\_\_\_ ft.

approach: \_\_\_\_\_ no., \_\_\_\_\_ ft.

piers: \_\_\_\_\_ no.

towers: \_\_\_\_\_ no., \_\_\_\_\_ ft.

1. County	2. Municipality	3. Structure No.	4. Survey Code
5. Present Name	6. Other name (historic name if any)	6   2   1   1   0   1   4   3   F   0   0   0   9   0   5	T-43
		7. Crossing	
		over	

15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:

Arch: masonry/metal:

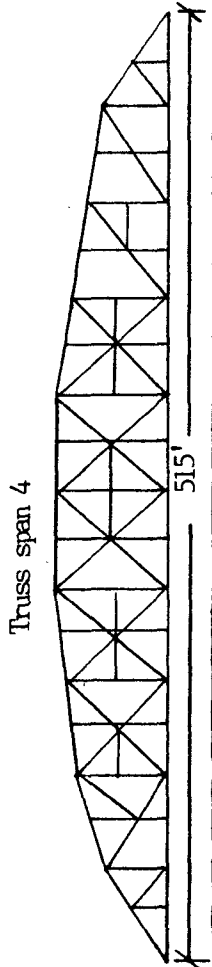
Suspension:

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: guard rail \_\_\_\_\_.
- columns: laced angles Plate-connected angles \_\_\_\_\_.
- 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/Rail.
- 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:	steel	laced & lattice	Cambria
towers:	_____	_____	_____
railings:	steel	guard rail	_____
Substructure			
piers:	Quinted Stone	_____	_____
abutments:	_____	_____	_____
wings:	_____	_____	_____
intrados/ribs:	_____	_____	_____
voussiors:	_____	_____	_____

17. PHOTO NO's.

18. PREPARED BY: J. Over  
 AGENCY/ORGANIZATION: PennDOT Dist 12-0  
 ; DATE: 7/82

8. USGS QUAD.

UTM's: Zone

E 

--	--	--	--	--	--	--	--	--	--	--	--

N 

--	--	--	--	--	--	--	--	--	--	--	--

E 

--	--	--	--	--	--	--	--	--	--	--	--

N 

--	--	--	--	--	--	--	--	--	--	--	--

Designer/Engineer:

Builder/Contractor:

Bridge Company:

10. SITE PLAN

1

Date(s): \_\_\_\_\_; basis

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

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

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

Use: \_\_\_\_\_ present; \_\_\_\_\_ original.

11. INTEGRITY

\_\_\_\_\_ altered; \_\_\_\_\_.

\_\_\_\_\_ unaltered; \_\_\_\_\_.

\_\_\_\_\_ moved; \_\_\_\_\_.

Explain:

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Locale/environment:

Machinery (describe/identify type/  
 equipment):

14. DIMENSIONS

spans: \_\_\_\_\_ no., \_\_\_\_\_ ft. O/A

main: \_\_\_\_\_ no., \_\_\_\_\_ ft.

secondary: \_\_\_\_\_ no., \_\_\_\_\_ ft.

approach: \_\_\_\_\_ no., \_\_\_\_\_ ft.

piers: \_\_\_\_\_ no.

towers: \_\_\_\_\_ no., \_\_\_\_\_ ft.

1. County		2. Municipality		3. Structure No.	[6][2][1][1][1][0][1][4][3][F][0][0][0][9][0][5]	4. Survey Code	T-43
5. Present Name		6. Other name (historic name if any)		7. Crossing		over	





LR 143 over Monongahela River  
T-43; Webster - Donora Bridge  
Washington County + West Moreland  
County  
Zone 17 - Donora Road  
E 597720 N4448630  
Pennsylvania D.C.T. Easement  
for utility bridges

