

BRIDGE INSPECTION REPORT

Agency Snohomish County

Bridge No. 247		Page 1 of 1	
Bridge Name PORTAGE CREEK #247		Printed On 09/18/2006	
Structure ID 08226400	Route 96855	Intersecting	PORTAGE CREEK
	MilePost 9	Location	.7 S JCT SR 530

Inspector's Signature <i>Charles Saylor</i>		GCS	Ident# A1076	Co-Inspector's Signature	SUPERSEDED	Inspection Frequency 24 ☐ Inspection Date 08/29/2006 Inspection Hours 00:10
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4	Structural Adqcy (657)	6	Superstructure (671)	1	Bridge Rails (684)	1922 Year Built
4	Deck Geometry (658)	9	Curbs (672)	1	Transition (685)	1972 Year Rebuilt
9	Underclearance (659)	9	Sidewalks (673)	1	Guardrails (686)	
5	Operating Level (660)	9	Paint (674)	1	Terminals (687)	A 28 Operating Rating
3	Alignment Adqcy (661)	3	Number Utilities (675)	N	Revise Rating (688)	A 17 Inventory Rating
8	Waterway Adqcy (662)	6	Substructure (676)		Repair Flag (689)	
6	Deck Overall (663)	5	Chan/Protection (677)		Card Check Flag (690)	A Open Closed Posted
9	Drains Condition (664)	9	Culvert (678)		Photos Flag (691)	99'99" Vertical Over Deck
0	Drain Status (665)	N	Pier/Abut/Protect (679)		Seasonal Code (692)	' 0" Vertical Under
N	Deck Scaling (666)	8	Scour (680)		Soundings Flag (693)	N Vertical Under Code
0	Scaling Percent (667)	6	Approach/Rdwy (681)		Measure Clearance (694)	
7	Deck Rutting (669)	5	Retaining Walls (682)		Monitor Structure (695)	
8	Exposed Rebar (670)	9	Pier Protection (683)			53.1 FO Sufficiency Rating

Elem	Element Description	Total	Units	Env	State1	State2	State3	State4
12	Concrete Deck	2968	SF	3	2968	0	0	0
145	Earth Filled Concrete Arch	106	LF	3	0	106	0	0
331	Concrete Bridge Railing	212	LF	3	212	0	0	0

11 Administrative load rating should be compared to BR-650 rating by Sargent Engineers. Arches appear to be nearly identical, and rating should probably be increased.

12 Deck: pcc (cip), bare = good-to-fair cond., with minor transverse cracking in the riding surface and transverse leaching cracks at the overhangs. Deck was added atop earth-filled arch in 1972 WSDOT widening project.

145 Luten arch with deck added in 1972. Minor cracking with efflorescence - one significant crack @ springline on the south end with water trickling out.

661 Sharp vertical curve at the south end of the bridge. Evidence of multiple traffic impacts on bridge rail and approach rail.

681 Approach roadway chip sealed in 2005.

682 ACP has longitudinal crack just outside of the fogline @ NW quadrant - t.t. retaining wall is obscured by blackberries, but appears to be leaning out a little.

686 One new section of approach rail at SW corner (collision repair). Minor scrapes throughout remainder of approach rail and bridge rail.

687 4 delineators and bridge sign OK.

Priority

Repair Description

Date Noted

CONVENIENCE COPY

Bridge 247 Last Inspection Report.pdf

BRIDGE INSPECTION REPORT

Agency Snohomish County

Bridge No.	247	Page 1 of 1	
		Printed On 09/20/2004	
Bridge Name	PORTAGE CREEK #247	Route	96855
Structure ID	08226400	MilePost	9
		Intersecting Location	PORTAGE CREEK .7 S JCT SR 530

Inspector's Signature	GCS	Ident# A1076	Co-Inspector's Signature	SUPERSEDED
				Inspection Frequency 24 Inspection Date 09/22/2004 Inspection Hours 001.0

4	Structural Adqcy (657)	6	Superstructure (671)	1	Bridge Rails (684)	1922 Year Built
4	Deck Geometry (658)	9	Curbs (672)	1	Transition (685)	1972 Year Rebuilt
9	Underclearance (659)	9	Sidewalks (673)	1	Guardrails (686)	
5	Operating Level (660)	9	Paint (674)	1	Terminals (687)	A 28 Operating Rating
3	Alignment Adqcy (661)	3	Number Utilities (675)	N	Revise Rating (688)	A 17 Inventory Rating
8	Waterway Adqcy (662)	6	Substructure (676)		Repair Flag (689)	
6	Deck Overall (663)	5	Chan/Protection (677)		Card Check Flag (690)	A Open Closed Posted
9	Drains Condition (664)	9	Culvert (678)		Photos Flag (691)	99'99" Vertical Over Deck
0	Drain Status (665)	N	Pier/Abut/Protect (679)		Seasonal Code (692)	' 0" Vertical Under
N	Deck Scaling (666)	8	Scour (680)		Soundings Flag (693)	N Vertical Under Code
0	Scaling Percent (667)	6	Approach/Rdwy (681)		Measure Clearance (694)	53.1 FO Sufficiency Rating
7	Deck Rutting (669)	5	Retaining Walls (682)		Monitor Structure (695)	
8	Exposed Rebar (670)	9	Pier Protection (683)			

Elem	Element Description	Total	Units	Env	State1	State2	State3	State4
12	Concrete Deck	2968	SF	3	2968	0	0	0
145	Earth Filled Concrete Arch	106	LF	3	0	106	0	0
331	Concrete Bridge Railing	212	LF	3	212	0	0	0

0 Oriented South to North.

12 Deck: pcc (cip), bare = good-to-fair cond., with minor transverse cracking in the riding surface and transverse leaching cracks at the overhangs. Deck was added atop earth-filled arch in 1972 WSDOT widening project.

145 Luten arch (1922) with deck added in 1972. Minor cracking with efflorescence - one significant crack @ springline on the south end with water trickling out.

661 Sharp vertical curve at the south end of the bridge. Evidence of multiple traffic impacts on bridge rail and approach rail.

682 ACP has longitudinal crack just outside of the fogline @ NW quadrant - t.t. retaining wall is obscured by blackberries, but appears to be leaning out a little.

686 Half dozen scrapes on approach railing.

687 All 4 delineators and bridge sign OK.

Priority	Repair Description	Date Noted
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BRIDGE INSPECTION REPORT

Agency **Snohomish County**

Page 1 of 1

Printed On 08/13/2002

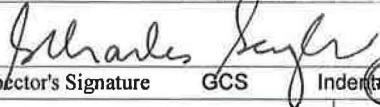
Bridge No. **247**
 Bridge Name **PORTAGE CREEK**
 Structure ID **08226400**

Route **96855**
 MilePost **9**

Intersecting **PORTAGE CREEK**
 Location **7 S JCT SR 530**

Inspection Frequency **24**
 Inspection Date **08/13/2002**
 Inspection Hours **004.0**

SUPERSEDED

Inspector's Signature  GCS Indent # **A1076**

Co-Inspector's Signature

6	Structural Adqcy (657)	6	Superstructure (671)	1	Bridge Rails (684)	1922 Year Built
4	Deck Geometry (658)	9	Curbs (672)	1	Transition (685)	1972 Year Rebuilt
9	Underclearance (659)	9	Sidewalks (673)	1	Guardrails (686)	
5	Operating Level (660)	9	Paint (674)	1	Terminals (687)	A 60 Operating Rating
3	Alignment Adqcy (661)	3	Number Utilities (675)	N	Revise Rating (688)	A 36 Inventory Rating
8	Waterway Adqcy (662)	6	Substructure (676)		Repair Flag (689)	
6	Deck Overall (663)	5	Chan/Protection (677)		Card Check Flag (690)	A Open Closed Posted
9	Drains Condition (664)	9	Culvert (678)		Photos Flag (691)	99'99" Vertical Over Deck
0	Drain Status (665)	N	Pier/Abut/Protect (679)		Seasonal Code (692)	' 0" Vertical Under
N	Deck Scaling (666)	8	Scour (680)		Soundings Flag (693)	N Vertical Under Code
0	Scaling Percent (667)	7	Approach/Rdwy (681)		Measure Clearance (694)	
7	Deck Rutting (669)	6	Retaining Walls (682)		Monitor Structure (695)	
8	Exposed Rebar (670)	9	Pier Protection (683)			78.4 FO Sufficiency Rating

Elem	Element Description	Total	Units	Env	State1	State2	State3	State4
12	Concrete Deck	2968	SF	3	2968	0	0	0
145	Earth Filled Concrete Arch	106	LF	3	0	106	0	0
331	Concrete Bridge Railing	212	LF	3	212	0	0	0

12 Deck: pcc (cip), bare = good-to-fair cond., with minor transverse cracking in the riding surface and transverse leaching cracks at the overhangs. Deck was added atop earth-filled arch in 1972 WSDOT widening project.

145 Luten arch with deck added in 1972. Minor cracking with efflorescence - one significant crack @ springline on the south end with water trickling out.

661 Sharp vertical curve at the south end of the bridge. Evidence of multiple traffic impacts on bridge rail and approach rail.

682 ACP has longitudinal crack just outside of the fogline @ NW quadrant - t.t. retaining wall is obscured by blackberries, but appears to be leaning out a little.

686 One new section of approach rail at SW corner (collision repair).

687 New terminal at NW corner (collision repair).

Priority	Repair Description	Date Noted
4	Monitor timber retaining wall @ NW (settlement problem).	8/13/02

BRIDGE INSPECTION REPORT

Agency Snohomish County

Bridge No. 247
 Bridge Name PORTAGE CREEK
 Structure ID 08226400

Page 1 of 1
 Printed On 11/01/2000
 Route 96855
 MilePost 9

Structure Type PCC LUTEN ARCH
 Intersecting PORTAGE CREEK
 Location 7 S JCT SR 530

SUPERSEDED
 Inspection Frequency 24
 Inspection Date 08/29/2000
 Inspection Hours 001.5

Inspector's Signature GCS

Indent# A1076

Co-Inspector's Signature

6	Structural Adqcy (657)	6	Superstructure (671)	1	Bridge Rails (684)	1922	Year Built
4	Deck Geometry (658)	9	Curbs (672)	0	1 Transition (685)	1972	Year Rebuilt
9	Underclearance (659)	9	Sidewalks (673)	0	1 Guardrails (686)		
5	Operating Level (660)	9	Paint (674)	0	1 Terminals (687)	O 60	Operating Rating
5	3 Alignment Adqcy (661)	3	Number Utilities (675)	N	Revise Rating (688)	O 36	Inventory Rating
8	Waterway Adqcy (662)	6	Substructure (676)		Repair Flag (689)		
6	Deck Overall (663)	5	Chan/Protection (677)		Card Check Flag (690)	A	Open Closed Posted
9	Drains Condition (664)	9	Culvert (678)		Photos Flag (691)	99'99"	Vertical Over Deck
0	Drain Status (665)	N	Pier/Abut/Protect (679)		Seasonal Code (692)	' 0"	Vertical Under
N	Deck Scaling (666)	8	Scour (680)		Soundings Flag (693)	N	Vertical Under Code
0	Scaling Percent (667)	7	Approach/Rdwy (681)		Measure Clearance (694)		
7	Deck Rutting (669)	6	Retaining Walls (682)		Monitor Structure (695)		
8	Exposed Rebar (670)	9	Pier Protection (683)			79.43	Sufficiency Rating

Elem	Element Description	Total	Units	Env	State1	State2	State3	State4
12	Concrete Deck	2968	SF	3	2968	0	0	0
145	Earth Filled Concrete Arch	106	LF	3	0	106	0	0
331	Concrete Bridge Railing	212	LF	3	212	0	0	0

12 Deck: pcc (cip), bare = good-to-fair cond., with minor transverse cracking in the riding surface and tlc at the overhangs. Deck was added atop earth-filled arch in 1972 WSDOT widening project.

145 Luten arch with deck added in 1972. Minor cracking with efflorescence - one significant crack @ springline on the south end with water trickling out.

661 Sharp vertical curve at the south end of the bridge. Evidence of multiple traffic impacts on bridge rail and approach rail.

686 One new section of approach rail at SW corner (collision repair).

687 New terminal at NW corner (collision repair).

Priority

Repair Description

Date Noted

BRIDGE INSPEC. FORM (SWIBS)

F1 Structure ID 08226400 F2 Structure Number 247

Road Number 96700 Road Name SMOKEY POINT BLVD
Milepost 01.910 Location at BRIDGE #247 PORTAGE CR

NEED FLAGGERS TO CHAIN DRAG
50 MPH ± TRAFFIC on BLVD ENDS
@ So. End

F8 Structure Name PORTAGE CREEK
F9 Location 7 S JCT SR 530
F15 Features Intersected PORTAGE CREEK ✓
F29 Program Year 0000 ✓ Type Tons
F70 Year Built 1922 ✓ Operating Rating_F81 2 F82 60 ✓
F71 Year ReBuilt 1972 ✓ Inventory Rating_F83 2 F84 36 ✓

Inspectors Signature

Co-Inspectors Signature

Last Inspection:

F98 Date 9-15-98
F99 Number of Hours 1.0

Deck Conditions:

F109 Overall 27 (6) ✓
F110 Visual 27 (6) ✓
F111 Drains 9 () ✓
F112 Surfacing 9 () ✓
F113 Joints 9 () ✓

transverse cracks @ riding surf +
TLC @ overhangs

Inspectors:

F100 ID Number A1076
F101 Initials GB
F102 Co-Insp Initials

Deck Scaling:

F114 Severity 4N () ✓
F115 Percent 00 () ✓
F116 Rutting 7 () ✓
F117 Exposed Steel 8 () ✓

Adequacy Appraisals:

F103 Structure 6
F104 Deck Geometry 4
F105 Under-Clearance 9
F106 Operating Level 5 () ✓
F107 Approach Alignment 6-5 ✓
F108 Waterway 8 () ✓

SUPERSEDED

SuperStructure:

F118 Overall 6
F119 Stringers 9 () ✓
F120 Floorbeams 9 () ✓
F121 Longitudinal Beams 9 () ✓
F122 Trusses 9 () ✓
F123 Arches 6 () ✓
F124 Girders 9 () ✓
F125 Bearing Devices 9 () ✓
F126 Curbs 9 () ✓
F127 Sidewalks 9 () ✓
F128 Rails 7 () ✓
F129 Paint 9 () ✓
F130 Number of Utilities 3 () ✓

SubStructure:

F131 Overall 6
F132 Abutments 6 () ✓
F133 Intermediate Bents 9 () ✓

General Conditions:

F134 Channel / Protection 5 () ✓
F135 Culverts 9 () ✓
F136 Piers / Abutments 4N () ✓
F137 Scour 8 () ✓
F138 Approach Roadway 7 () ✓
F139 Retaining Walls 6 () ✓
F140 Pier Protection 9 () ✓

TLC @ NW corner (obscured by
blackberries)

Traffic Safety:

F141 Bridge Rails 1 () ✓
F142 Transition 0 () ✓
F143 Approach Guardrails 0 () ✓
F144 Terminals 0 () ✓

Standard Inspection:

F145 Type / Options 2 () ✓
F146 Frequency 24 () ✓
F147 Revise Rating 4N () ✓

collision damage repaired @ E.W. corner - 62' bit new + 2 new girts 27' new black 6x8

1972
1922 minor cracking, not exposed
1972 release
1922
"

SUPERSEDED

E DGE INSPECTION REPORT (SW JS)

F1__Structure ID		>08226400		F2__Structure Number		>		247	
Road Number		96700		Road Name		SMOKEY POINT BLVD			
Milepost		01.910		Location		at BRIDGE #247 PORTAGE CR			
=====									
F8__Structure Name		>PORTAGE CREEK							
F9__Location		> .7 S JCT SR 530							
F15__Features Intersected		>PORTAGE CREEK							
F29__Program Year		>0000				Type		Tons	
F70__Year Built		>1922 ✓		Operating Rating__F81		>2		F82 >60	
F71__Year ReBuilt		>1972 ✓		Inventory Rating__F83		>2		F84 >36	
(<u>Richard Sengler</u>)					(_____)				
Inspectors Signature					Co-Inspectors Signature				
=====									
Last Inspection:					Deck Conditions:				
F98__Date		(<u>1-1-8</u>)		F109__Overall		>7		✓	
F99__Number of Hours		(<u>1.5</u>)		F110__Visual		>7		✓	
				F111__Drains		>9		✓	
Inspectors:				F112__Surfacing		>9		✓	
F100__ID Number		(<u>A1076</u>)		F113__Joints		>9		✓	
F101__Initials		(<u>GCS</u>)							
F102__Co-Insp Initials		(_____)		Deck Scaling:					
				F114__Severity		>N (_____)		✓	
Adequacy Apraisals:				F115__Percent		>00 (_____)		✓	
F103__Structure		>6		F116__Rutting		>7 (_____)		✓	
F104__Deck Geometry		>4		F117__Exposed Steel		>8 (_____)		✓	
F105__Under-Clearance		>9							
F106__Operating Level		>5 (_____)							
F107__Approach Alignment		>6 (_____)							
F108__Waterway		>6 (<u>8</u>)							
=====									
SuperStructure:					SubStructure:				
F118__Overall		>6 ✓		F131__Overall		>6		✓	
F119__Stringers		>9		F132__Abutments		>6		✓	
F120__Floorbeams		>9		F133__Intermediate Bents		>9		✓	
F121__Longitudinal Beams		>9							
F122__Trusses		>9		General Conditions:					
F123__Arches		>6 ✓		F134__Channel / Protection		>5 (_____)		✓	
F124__Girders		>9		F135__Culverts		>9 (_____)		✓	
F125__Bearing Devices		>9		F136__Piers / Abutments		>N (_____)		✓	
F126__Curbs		>9		F137__Scour		>8 (_____)		✓	
F127__Sidewalks		>9		F138__Approach Roadway		>7 (_____)		✓	
F128__Rails		>7		F139__Retaining Walls		>6 (_____)		✓	
F129__Paint		>9		F140__Pier Protection		>9 (_____)		✓	
F130__Number of Utilities		>3 (_____)							
=====									
Traffic Safety:					Standard Inspection:				
F141__Bridge Rails		>1 (_____)		F145__Type / Options		>		(_____)	
F142__Transition		>0 (_____)		F146__Frequency		>24		(_____)	
F143__Approach Guardrails		>0 (_____)		F147__Revise Rating		>Y		(<u>N</u>)	
F144__Terminals		>0 (_____)							

NOTE!! Items with parentheses "()" are required at each inspection.
Items underlined " " are suggested & all others are optional.

F1	Structure ID	>08226400	F2	Structure Number	>	247
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Inspection data from: 09/01/1995

12	Deck-Conc-Bare	2968	SF	3	2967	1	0	0	0
144	Arch-Reinf Conc	106	LF	3	0	106	0	0	0
331	Bridge Railing-Reinf	212	LF	3	0	212	0	0	0
359	Soffit	1	EA	3	0	1	0	0	0

New inspection data for date

SUPERSEDED

El#	Description	Quant	Unit	Env	State1	State2	State3	State4	State5
-----	-------------	-------	------	-----	--------	--------	--------	--------	--------

[illegible]

BRIDGE INSPECTION FORM (SWILS)

F1 Structure ID 08226400 F2 Structure Number 247

Road Number 96855 Road Name *** No Name Found ***
 Milepost 09.000 Location *** No Location Calculated ***

F8 Structure Name PORTAGE CREEK
 F9 Location .7 S JCT SR 530
 F15 Features Intersected PORTAGE CREEK
 F29 Program Year 0000
 F70 Year Built 1922 Operating Rating F81 2 F82 36
 F71 Year ReBuilt 1972 Inventory Rating F83 2 F84 36

(John S. Saylor) ()
 Inspectors Signature Co-Inspectors Signature

Last Inspection: Deck Conditions:
 F98 Date (9 / 1 / 95) F109 Overall 7 ()
 F99 Number of Hours (1) F110 Visual 7 ()
 F111 Drains 9 ()

Inspectors:
 F100 ID Number (A1076) F112 Surfacing 9 ()
 F101 Initials (CCS) F113 Joints 9 ()
 F102 Co-Insp Initials ()

Adequacy Appraisals:
 F103 Structure 6
 F104 Deck Geometry 4
 F105 Under-Clearance 9
 F106 Operating Level 5 ()
 F107 Approach Alignment 6 ()
 F108 Waterway 6 ()

Deck Scaling:
 F114 Severity N ()
 F115 Percent 00 ()
 F116 Rutting 7 ()
 F117 Exposed Steel 8 ()

SuperStructure:
 F118 Overall 6
 F119 Stringers 9 ()
 F120 Floorbeams 9 ()
 F121 Longitudinal Beams 9 ()
 F122 Trusses 9 ()
 F123 Arches 6 ()
 F124 Girders 9 ()
 F125 Bearing Devices 9 ()
 F126 Curbs 9 ()
 F127 Sidewalks 9 ()
 F128 Rails *Minor Corrosion Damage* 7 ()
 F129 Paint 9 ()
 F130 Number of Utilities 3 ()

SubStructure:
 F131 Overall 6
 F132 Abutments 6 ()
 F133 Intermediate Bents 9 ()

General Conditions:
 F134 Channel / Protection 5 ()
 F135 Culverts 9 ()
 F136 Piers / Abutments N ()
 F137 Scour 5 ()
 F138 Approach Roadway 7 ()
 F139 Retaining Walls 6 ()
 F140 Pier Protection 9 ()

Traffic Safety:
 F141 Bridge Rails 1 ()
 F142 Transition 0 ()
 F143 Approach Guardrails 0 ()
 F144 Terminals 0 ()

Standard Inspection:
 F145 Type / Options 24 ()
 F146 Frequency Y ()
 F147 Revise Rating Y ()

* W.O. F142 install three beam transition all 4 corners + correct also
 of approach rail + all ~~Handwritten~~ rail @ d.b. corner
 + upgrade terminals

ISSUED
 1/11/1999 -
 W. S. Saylor
 1/11/1999

F1	Structure ID	08226400	F2	Structure Number	0	247
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Road Name *** No Name Found ***
Location *** No Location Calculated ***
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New inspection data for date: 9.11-95 628

El#	Description	Quant	Unit	Env	State1	State2	State3	State4	State5
-----	-------------	-------	------	-----	--------	--------	--------	--------	--------

12	DECK, PCC BOAR	2968	SF	3		1
144	ARCH, PCC	106	LF	3		106
351	RAIL, PCC	212	LF	3	212	212
59	SOFFIT		EA	3		1

NUMBER 247
NAME PORTAGE CREEK
IDENT. 08226400

BRIDGE INSPECTION REPORT

SNOHOMISH COUNTY

ROUTE 96855 INTERSECTING PORTAGE CREEK
M.P. 009.00 LOCATION .7 S JCT SR 530

INSPECTOR'S SIGNATURE

CO-INSPECTOR'S SIGNATURE

INSP DATE

HOURS ON SITE

PAGE 1 OF 1

TITLE IDENTIFICATION NO. TITLE

ADEQUACY APPRAISALS

- ☒ 6 STRUCTURE (1) ☐ 5 OPERATING LEVEL (4)
☒ 4 DECK GEOMETRY (2) ☐ 6 APP ROADWAY ALIGNMENT (5)
☒ 9 UNDER-CLEARANCES (3) ☐ 6 WATERWAY (5)

DECK CONDITIONS

- ☐ 7 OVERALL (7)
☐ 7 VISUAL (8) ☐ 9 SURFACING (10)
☐ 9 DRAINS (9) ☐ 9 DECK JOINTS (11)
☐ ☐ ☐ ☐ ☐ N0078 SCALING (12)

SUPERSTRUCTURE

- ☒ 6 OVERALL (13)
☐ 9 STRINGERS (14) ☐ 9 BEARING DEVICES (20)
☐ 9 FLOOR-BEAMS (15) ☐ 9 CURBS (21)
☐ 9 LONGITUDINAL BEAMS (16) ☐ 9 SIDE-WALKS (22)
☐ 9 TRUSSES (17) ☐ 7 RAILS (23)
☐ 6 ARCHES (18) ☐ 9 PAINT (24)
☐ 9 GIRDERS (19) ☐ 3 NUMBER OF UTILITIES (25)

SUB-STRUCTURE

- ☒ 6 OVERALL (26)
☐ 6 ABUTMENTS (27) ☐ 9 INTERMEDIATE BENTS (28)

GENERAL CONDITIONS

- ☐ 5 CHANNEL & CHAN PROT (29) ☐ 7 APPROACH ROADWAY (33)
☐ 9 CULVERTS (30) ☐ 6 RETAINING WALLS (34)
☐ 9 PIER/ABUT PROT CODE (31) ☐ 9 PIER PROT COND (35)
☐ 5 SCOUR (32)

☐ ☐ ☐ ☐ 1010 TRAFFIC SAFETY (36)

☐ ☐ ☐ ☐ 0000 PROGRAM YEAR (37)

☐ ☐ ☐ ☐ INSPECTION TYPE (38)

☐ ☐ 24 INSPECTION FREQUENCY (39)

☐ ☐ Y REVISE RATING (40) 236 OP RATING 236 INV RATING

SUPERSEDED

7 SEVERAL PCC-CIP - transverse cracks (opening up to 2mm @ top; seeping @ bottom cauldron parts).

18 PCC-CIP LUTEN ARCH.
- Cracks separate arches from the body.
- Severe crack (up to 20 mm) @ bottom on N side - E arch (water is running on).
- Radial cracks @ arches.

22 PCC-CIP Jersey barriers @ the bridge = OK.
STD W-beam on 8x8 tub. end posts @ approaches. Don't attach to Jersey barriers.
Lower than required.

23 App - (1) was re-top.
longitudinal crack @ W side sidewalk indicates some settlement. Area

24 Unaccessible - overgrown with blackberries.

* No 0 Attach delineator to N side w/ 2 (2) Upgrade railing.
Transition parts, endings.

NUMBER 247
NAME PORTAGE CREEK
IDENT. 08226400

BRIDGE INSPECTION REPORT

SNOHOMISH COUNTY

ROUTE 96855
M.P. 009.00

INTERSECTING PORTAGE CREEK
LOCATION .7 S JCT SR 530

INSP DATE 5/22/91

HOURS ON SITE

PAGE 1 OF 1

INSPECTOR'S SIGNATURE

CO-INSPECTOR'S SIGNATURE

TITLE IDENTIFICATION NO. TITLE IDENTIFICATION NO.

APPRISALS
☒ 6 STRUCTURE(1) ☒ 5 8 OPERATING LEVEL(4)
☒ 7 DECK GEOMETRY(2) ☒ 4 APP ROADWAY ALIGNMENT(5)
☒ 9 UNDER-CLEARANCES(3) ☒ 6 WATERWAY(6) ✓

CONDITIONS
☐ 7 OVERALL(7)
☒ 7 VISUAL(8) ☐ 9 SURFACING(10)
☐ 9 DRAINS(9) ☐ 9 DECK JOINTS(11)
☐ 9 SCALING(12)

STRUCTURE
☒ 7 OVERALL(13)
☐ 9 STRINGERS(14) ☐ 9 BEARING DEVICES(20)
☐ 9 FLOOR-BEAMS(15) ☒ 7 CURBS(21)
☐ 9 LONGITUDINAL BEAMS(16) ☐ 9 SIDE-WALKS(22)
☐ 9 TRUSSES(17) ☐ 7 RAILS(23)
☒ 7 ARCHES(18) ☐ 9 PAINT(24)
☐ 9 GIRDERS(19) ☐ 4 NUMBER OF UTILITIES(25)

STRUCTURE
☒ 7 OVERALL(26)
☒ 7 ABUTMENTS(27) ☐ 9 INTERMEDIATE BENTS(28)
☒ 9 CHANNEL & CHAN PROT(29) ☒ 6 APPROACH ROADWAY(33)
☐ 9 CULVERTS(30) ☒ 6 RETAINING WALLS(34)
☐ 9 PIER/ABUT PROT CODE(31) ☐ 9 PIER PROT COND(35)
☒ 5 SCOUR(32)

1010 TRAFFIC SAFETY(36)
2025 PROGRAM YEAR(37)
INSPECTION TYPE(38)
24 INSPECTION FREQUENCY(39)
REVISE RATING(40) OP RATING INV RATING

7 PCC - MAJOR TRANSVERSE CRACK 1/2" WIDE
7 EFFLORESCENCE ON SOFFIT SIDE
No other observed structural damage
33 PCC - Joints, Spalls, etc. - Good - a few
7 PCC - LATERAL CRACK - in Joint, Spalls, etc.
7 DEFLORATION CRACK - side of abutment crack
7 SPALLS - APPROACH SIDE SOUTH SIDE WAS
SPALL - CRACK AT JUNCTION FROM 1/2" FROM JT

SUFFICIENCY RATING 81.42

YEAR BLT /REBUILT 1922/1972

STRUCTURE TYPE

S-H

BRIDGE INSPECTION REPORT

AGENCY SNOHOMISH COUNTY

04/19/89

S. 17 T. 31N R. 05E.W.M.

BRIDGE NO. 247

FEATURES INTERSECTED PORTAGE CREEK

BRIDGE NAME PORTAGE CREEK

FACILITIES CARRIED OLD US 99

CONTROL FIELD 31 96855 009.00 00

LOCATION .7 S JCT SR 530

STRUCTURE TYPE: *buten Arch*INSPECTED BY: *LOWE*DATE: *7-26-89*

APPRISALS

☐ 6	STRUCTURE	☐ 8	SAFE LOAD CAPACITY
☐ 7	DECK GEOMETRY	☐ 4	APPROACH ROADWAY ALIGNMENT
☐ 9	UNDERCLEARANCES	☐ 6	WATERWAY

COND.

☐ 7	DECK	☐ 9	EXPANSION DAMS
☐ 9	SURFACING		

CONDITIONS

☐ 7	SUPERSTRUCTURE	☐ 9	LONGITUDINAL BEAMS
☐ 9	BEARING DEVICES	☐ 9	TRUSSES
☐ 9	DRAINS	☐ 7	ARCHES
☐ 7	RAILS	☐ 9	GIRDERS
☐ 7	CURBS	☐ 9	PAINT
☐ 9	SIDEWALKS	☐ 4	NO. OF UTILITIES
☐ 9	FLOORBEAMS		
☐ 9	STRINGERS		

CONDITIONS

☐ 7	SUBSTRUCTURE	☐ 9	PIER PROTECTION
☐ 9	CAPS		
☐ 9	INTERMEDIATE BENTS		
☐ 7	ABUTMENTS		

☐ 9	CHANNEL AND CHANNEL PROTECTION
☐ 9	CULVERT AND RETAINING WALLS
☐ 6	APPROACH ROADWAY <i>1st end has poor vertical alignment</i>

SAFETY

☐ 1	BRIDGE RAIL	☐ 1	GUARD RAIL
☐ 0	TRANSITION	☐ 0	TERMINAL

REMARKS

RECOMMENDED REPAIRS *Modify guard rail transition section to meet current standards*

DOT FORM 234-009 REVISED 02/85

YR. BLT. 22/72

LAST INSP. 0587

INSP. FREQ. 2

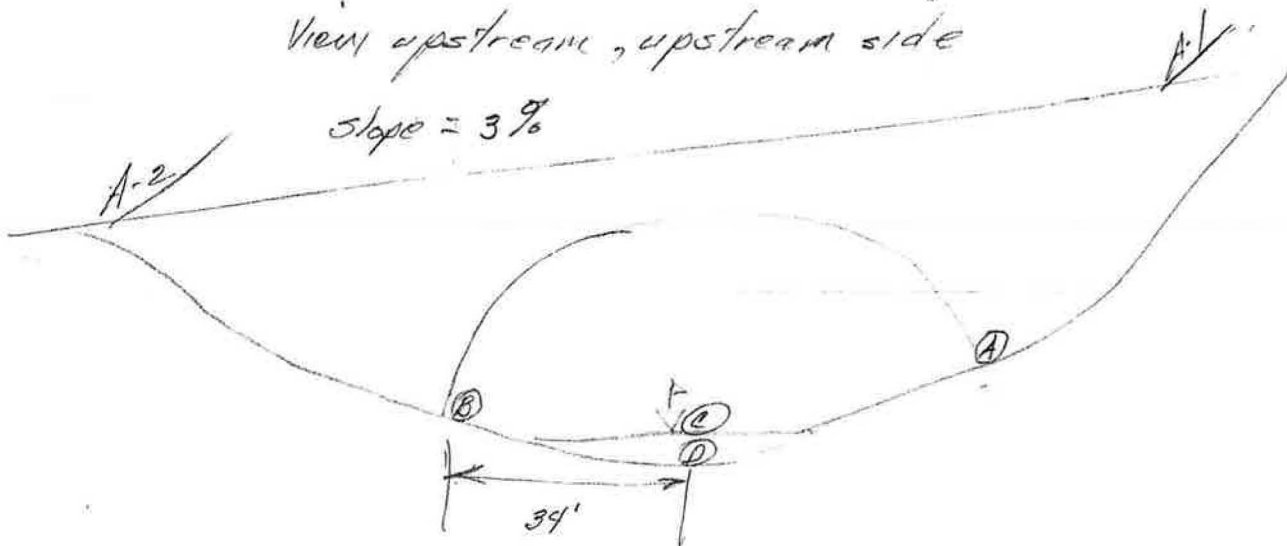
L.E. 2025

0789

Bridge # 247

View upstream, upstream side

slope = 3%



Deck to ground A-1	= 3 ⁴
" " " Pt A	= 19 ¹
" " " Pt B	= 16 ²
" " " water Pt C	= 21 ⁰
" " " streambed Pt D	= 23 ³
" " " ground A-2	= 1 ⁰

5-19-87 (7/2)

SUPERSEDED

TIMBER & CONCRETE BRIDGE INSPECTION REPORT

BRIDGE NO. 247 ROAD LOG NO. 9685 MILE POST NO. 9.00 DATE: 5/18/87
TYPE PCC LUTEN ARCH (MODIFIED) INSPECTED BY SEYLER
BRIDGE NAME PORTAGE CREEK
LOCATION .7 S JCT SR 530

GENERAL CONDITION - SUPERSTRUCTURE Good

1. SURFACING N/A
2. CURBS N/A
3. DRAINS None
4. RAILS Good - PCC Jersey Barriers
5. SIDEWALKS N/A
6. DECK SEE CONCRETE
 - a. concrete Good
 - b. timber N/A
7. FLOOR BEAMS N/A
8. STRINGERS N/A
9. GIRDERS N/A
10. EXPANSION DEVICES N/A

GENERAL CONDITIONS SUBSTRUCTURE Good To Fair

1. ARCHES Good To Fair - PCC - Longitudinal & Random Cracking w/ MINOR EFFLORESCENCE - ONE CRACK @ BASE OF ARCH ON SOUTH END IS SEEPING WATER STEADILY (ESTIMATE 1 G.P.M. ±)
2. CAPS N/A
3. PIERS N/A
4. INTERMEDIATE BENTS None
 - a. piles N/A

5. WATERWAY _____

a. scour _____

b. alignment _____

c. adequacy _____

d. condition _____

GENERAL BRIDGE CONDITION: _____

1. deck to water _____

2. bottom of bridge to water _____

3. depth of water _____

4. width of water _____

5. speed of water _____

6. skew of bridge to roadway _____

7. bridge width inside curb to curb _____

8. bridge length c to c _____

9. bridge length o to o _____

10. bridge under clearance to stream _____

11. ADT _____

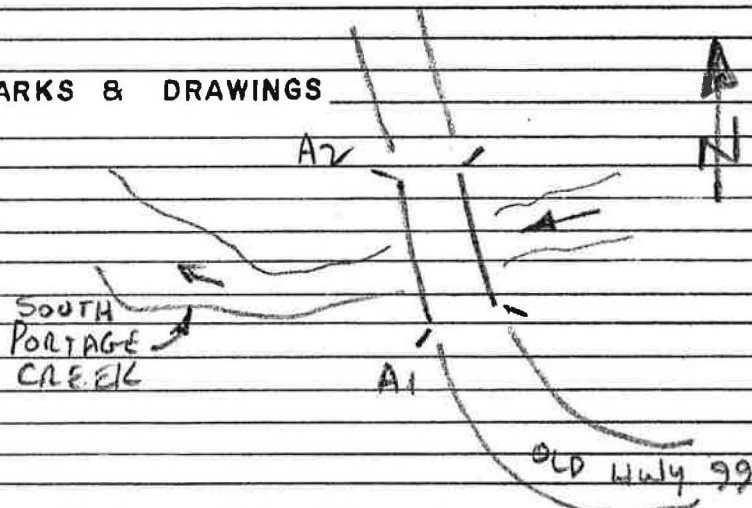
12. clear view sight distance to bridge N. end _____ E. end _____ W. end _____ S. end _____

13. posted weight limit NONE

ABUTMENTS & BULKHEADS GOOD - PCC

PIER PROTECTION & WING DRAFT WALLS N/A

REMARKS & DRAWINGS



RECOMMENDED REPAIRS CLEAN DECK OF SAND, UPGRADE GUARDRAIL TRANSITIONS

LIFE EXPECTANCIES BEFORE REPAIRS _____

BRIDGE INSPECTION REPORT.

AGENCY SNOHOMISH COUNTY

02/03/87

S. 17 T. 31N R. 05E.W.M.

BRIDGE NO. 247

FEATURES INTERSECTED PORTAGE CREEK

BRIDGE NAME PORTAGE CREEK

FACILITIES CARRIED OLD US 99

CONTROL FIELD 31 96855 009.00 00

LOCATION .7 S JCT SR 530

STRUCTURE TYPE: PCC LUTEN ARCH (MODIFIED) INSPECTED BY: SEYLER

DATE: 5/18/87

SUPERSEDED

APPRAISALS	☐ 6	STRUCTURE	☐ 8	SAFE LOAD CAPACITY
	☐ 7	DECK GEOMETRY	☐ 4	APPROACH ROADWAY ALIGNMENT
	☐ 9	UNDERCLEARANCES	☒ 6	WATERWAY

COND.	☒ 7	8	DECK
	☐ 9	9	EXPANSION DAMS

CONDITIONS	☐ 7	SUPERSTRUCTURE
	☐ 9	BEARING DEVICES
	☒ 9	DRAINS
	☒ 7	RAILS
	☒ 7	CURBS
	☐ 9	SIDEWALKS
	☐ 9	FLOORBEAMS
	☐ 9	STRINGERS

CONDITIONS	☐ 7	SUBSTRUCTURE
	☐ 9	CAPS
	☐ 9	INTERMEDIATE BENTS
	☒ 7	8

☐ 9	CHANNEL AND CHANNEL PROTECTION	
☐ 9	CULVERT AND RETAINING WALLS	
☒ 6	8	APPROACH ROADWAY

SAFETY	☐ 1	BRIDGE RAIL	☐ 1	GUARD RAIL
	☐ 0	TRANSITION	☐ 0	TERMINAL

MARKS

COMMENDED REPAIRS

JT	FORM 234-009 REVISED 02/78	YR. BLT.	22/72	LAST INSP.	0485	INSP. FREQ.	2	L.E.	2025
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0587

904.4-22-85

TIMBER & CONCRETE BRIDGE INSPECTION REPORT

BRIDGE NO. 247 ROAD LOG NO. 96855 MILE POST NO. 9.00 DATE: 4-16-85
TYPE CONC. ARCH INSPECTED BY T. KELLEY
BRIDGE NAME S. PORTAGE CR.
LOCATION .7 S JCT SR 530

SUPERSEDED

GENERAL CONDITION - SUPERSTRUCTURE GOOD

1. SURFACING GOOD - PCC

2. CURBS NA

3. DRAINS NA

4. RAILS GOOD - PCC BARRIER TYPE

5. SIDEWALKS NA

6. DECK

a. concrete

b. timber

7. FLOOR BEAMS NA

8. STRINGERS NA

9. GIRDERS NA

10. EXPANSION DEVICES NA

GENERAL CONDITIONS SUBSTRUCTURE GOOD

1. ARCHES GOOD - PCC, MINOR SEEPAGE @ SOUTH SOFFIT - UPSTREAM END @ BASE

2. CAPS NA

3. PIERS NA

4. INTERMEDIATE BENTS NA

a. piles NA

side 1 over

5. WATERWAY MUD & VEG LOW CHANNEL

a. scour MINOR UPSTREAM

b. alignment FAIR

c. adequacy GOOD

d. condition FUNCTIONAL

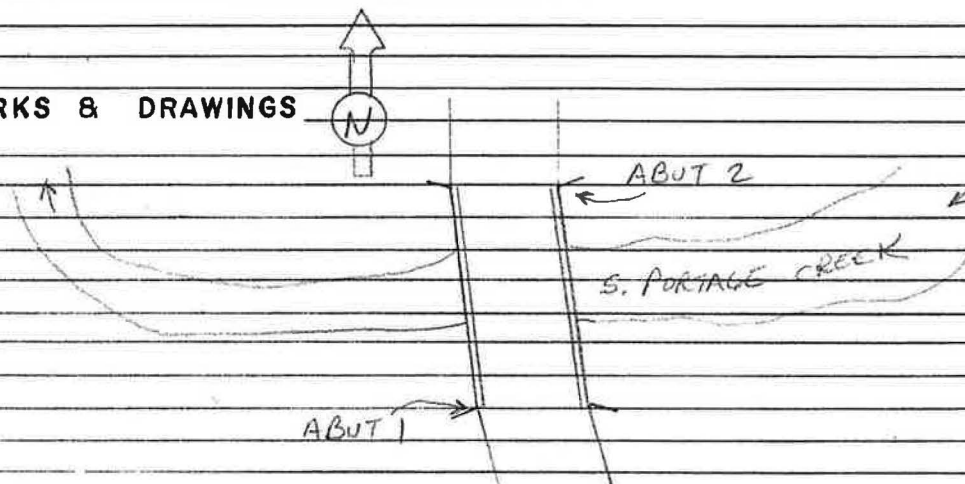
GENERAL BRIDGE CONDITION:

1. deck to water
2. bottom of bridge to water
3. depth of water
4. width of water
5. speed of water
6. skew of bridge to roadway
7. bridge width inside curb to curb
8. bridge length c to c
9. bridge length o to o
10. bridge under clearance to stream
11. ADT
12. clear view sight distance to bridge N. end E. end W. end S. end
13. posted weight limit

ABUTMENTS & BULKHEADS GOOD - PCC

PIER PROTECTION & WING DRAFT WALLS NA

REMARKS & DRAWINGS



RECOMMENDED REPAIRS PATCH SEEPAGE CRACK @ ARCH SOFFIT (ABUT 1 - LOWER UPSTREAM)
REMOVE SAND & DEBRIS FROM DECK

LIFE EXPECTANCIES BEFORE REPAIRS AS SCHEDULE ALLOWS

AGENCY SNOHOMISH COUNTY
BRIDGE NO. 247
BRIDGE NAME PORTAGE CREEK
CONTROL FIELD 31 96855 009.00 00

BRIDGE INSPECTION REPORT

01/13/84

FEATURES INTERSECTED
FACILITIES CARRIED
LOCATION

S. 17 T. 31N R. 05E
PORTAGE CREEK
OLD US 99
.7 S JCT SR 530

STRUCTURE TYPE: *Luten Arch*

INSPECTED BY: *B. W. Ellis*

DATE: *7-5-84*

ADEQUACY APPRAISALS

- ☐ 6 STRUCTURE
- ☐ 7 DECK GEOMETRY
- ☐ 9 UNDERCLEARANCES
- ☐ 8 SAFE LOAD CAPACITY
- ☐ 4 APPROACH ROADWAY ALIGNMENT
- ☐ 8 WATERWAY

SUPERSEDED

CONDITIONS

- ☐ 8 DECK
- ☐ 7 SUPERSTRUCTURE
- ☐ 7 SUBSTRUCTURE
- ☐ 9 CHANNEL AND CHANNEL PROTECTION
- ☐ 9 CULVERT AND RETAINING WALLS
- ☐ 8 APPROACH ROADWAY

IST

- ☐ 1 BRIDGE RAIL
- ☐ 0 TRANSITION
- ☐ 1 GUARD RAIL
- ☐ 0 TERMINAL

GENERAL INSPECTION ITEMS (OPTIONAL)

SUPERSTRUCTURE

- ☐ 9 SURFACING
- ☐ 9 EXPANSION DAMS
- ☐ 9 BEARING DEVICES
- ☒ 7 DRAINS
- ☐ 8 RAILS
- ☐ 8 CURBS
- ☐ 9 SIDEWALKS
- ☐ 9 STRINGERS
- ☐ 9 FLOORBEAMS
- ☐ 9 LONGITUDINAL BEAMS
- ☐ 9 TRUSSES
- ☐ 8 ARCHES
- ☐ 9 GIRDERS
- ☐ 9 PAINT
- ☐ 3 UTILITIES

SUBSTRUCTURE

- ☐ 9 CAPS
- ☐ 9 INTERMEDIATE BENTS
- ☐ 8 ABUTMENTS
- ☐ 9 PIER PROTECTION

REMARKS

RECOMMENDED REPAIRS

Filed Bmw 9-26-84

7.31.89

TIMBER & CONCRETE BRIDGE INSPECTION REPORT

BRIDGE NO. 242 ROAD LOG NO. 96855 MILE POST NO. 9.0 DATE: 7-5-84
TYPE Luten Arch INSPECTED BY B. Weiss
BRIDGE NAME Portage Creek
LOCATION old SR 99, 0.2 S Jct SR 530

SUPERSEDED

GENERAL CONDITION - SUPERSTRUCTURE Good

1. SURFACING N/A
2. CURBS See rails
3. DRAINS Grate drain is plugged.
4. RAILS Concrete Jersey rails are in good condition.
5. SIDEWALKS N/A
6. DECK
a. concrete No spall. Good condition.
b. timber
7. FLOOR BEAMS N/A
8. STRINGERS N/A
9. GIRDERS N/A
10. EXPANSION DEVICES N/A

GENERAL CONDITIONS SUBSTRUCTURE Good

1. ARCHES Concrete arch is in good condition.
2. CAPS N/A
3. PIERS N/A
4. INTERMEDIATE BENTS None
a. piles Substructure bearing can not be inspected.

Filed
8-2-84
BWW

side 1 over

5. WATERWAY Good

a. SCOUR none

b. alignment good

c. adequacy good

d. condition good

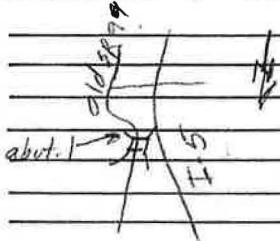
GENERAL BRIDGE CONDITION: Good

1. deck to water
2. bottom of bridge to water
3. depth of water
4. width of water
5. speed of water
6. skew of bridge to roadway
7. bridge width inside curb to curb
8. bridge length c to c
9. bridge length o to o
10. bridge under clearance to stream
11. ADT
12. clear view sight distance to bridge N. end ____ E. end ____ W. end ____ S. end ____
13. posted weight limit

ABUTMENTS & BULKHEADS Concrete part of arch at bearings are in good condition.

PIER PROTECTION & WING DRAFT WALLS N/A

REMARKS & DRAWINGS



RECOMMENDED REPAIRS Clean drain.

LIFE EXPECTANCIES BEFORE REPAIRS Drain when schedule allows.

BRIDGE INSPECTION REPORT

AGENCY SNOHOMISH COUNTY

01/08/82

S. 17 T. 31N R. 05E

BRIDGE NO. 247

FEATURES INTERSEC: PORTAGE CREEK

BRIDGE NAME PORTAGE CREEK

FACILITIES CARRIED OLD US 99

CONTROL FIELD 31 56855 009.00 00

LOCATION .7 S JCT SR 530

STRUCTURE TYPE: *Lutean Arch*INSPECTED BY: *B. W. Ellis*DATE: *3-26-82*

ADEQUACY APPRAISALS

- ☐ 6 STRUCTURE
- ☐ 7 DECK GEOMETRY
- ☐ 9 UNDERCLEARANCES
- ☐ 8 SAFE LOAD CAPACITY
- ☐ 4 APPROACH ROADWAY ALIGNMENT
- ☐ 8 WATERWAY

SUPERSEDED

CONDITIONS

- ☐ 8 DECK
- ☐ 7 SUPERSTRUCTURE
- ☐ 7 SUBSTRUCTURE
- ☐ 9 CHANNEL AND CHANNEL PROTECTION
- ☐ 9 CULVERT AND RETAINING WALLS
- ☐ 8 APPROACH ROADWAY

TSF

- ☐ 1 BRIDGE RAIL ☐ 0 TRANSITION ☐ 1 GUARD RAIL ☐ 0 TERMINAL

GENERAL INSPECTION ITEMS (OPTIONAL)

SUPERSTRUCTURE

- | | |
|--|---|
| ☐ 9 SURFACING | ☐ 9 FLOORBEAMS |
| ☐ 9 EXPANSION DAMS | ☐ 9 LONGITUDINAL BEAMS |
| ☐ 9 BEARING DEVICES | ☐ 9 TRUSSES |
| ☐ 9 DRAINS | ☐ 8 ARCHES |
| ☐ 8 RAILS | ☐ 9 GIRDERS |
| ☐ 8 CURBS | ☐ 9 PAINT |
| ☐ 9 SIDEWALKS | ☐ 3 UTILITIES |
| ☐ 9 STRINGERS | |

SUBSTRUCTURE

- | | |
|---|--|
| ☐ 9 CAPS | |
| ☐ 9 INTERMEDIATE BENTS | |
| ☐ 8 ABUTMENTS | ☐ 9 PIER PROTECTION |

REMARKS

RECOMMENDED REPAIRS

*Filed BMW 4-19-82*DOT FORM 4009
REVISED 9/79

PAGE 1

YR. BLT.

22/72

LAST INSP. 0780

INSP. FREQ. 2

L.E. 2025

BRIDGE INSPECTION REPORT

AGENCY SNOHOMISH COUNTY
 BRIDGE NO. 247
 BRIDGE NAME PORTAGE CREEK
 CONTROL FIELD 31 96855 009.00 00

07/22/81

FEATURES INTERSEC
 FACILITIES CARRIED
 LOCATION

S. 17 T. 31N R. 05E
 PORTAGE CREEK
 OLD US 99
 .7 S JCT SR 530

STRUCTURE TYPE:

INSPECTED BY:

DATE:

ADEQUACY APPRAISALS

- ☐ 6 STRUCTURE
- ☐ 7 DECK GEOMETRY
- ☐ 9 UNDERCLEARANCES
- ☐ 8 SAFE LOAD CAPACITY
- ☐ 4 APPROACH ROADWAY ALIGNMENT
- ☐ 8 WATERWAY

SUPERSEDED

CONDITIONS

- ☐ 8 DECK
- ☐ 7 SUPERSTRUCTURE
- ☐ 7 SUBSTRUCTURE
- ☐ 9 CHANNEL AND CHANNEL PROTECTION
- ☐ 9 CULVERT AND RETAINING WALLS
- ☐ 8 APPROACH ROADWAY

TSF

BRIDGE RAIL 1 TRANSITION 0 GUARD RAIL 1 TERMINAL 0

GENERAL INSPECTION ITEMS (OPTIONAL)

SUPERSTRUCTURE

- ☐ 9 SURFACING
- ☐ 9 EXPANSION DAMS
- ☐ 9 BEARING DEVICES
- ☐ 8 DRAINS
- ☐ 8 RAILS
- ☐ 8 CURBS
- ☐ 9 SIDEWALKS
- ☐ 9 STRINGERS
- ☐ 9 FLOORBEAMS
- ☐ 9 LONGITUDINAL BEAMS
- ☐ 9 TRUSSES
- ☐ 8 ARCHES
- ☐ 9 GIRDERS
- ☐ 9 PAINT
- ☐ 3 UTILITIES

SUBSTRUCTURE

- ☐ 9 CAPS
- ☐ 9 INTERMEDIATE BENTS
- ☐ 8 ABUTMENTS
- ☐ 9 PIER PROTECTION

REMARKS

RECOMMENDED REPAIRS

STATE OF WASHINGTON INVENTORY OF BRIDGES AND STRUCTURES INSPECTION CODING FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
7	8	5	7	3	1	9	6	8	5	5	0	0	9	0	0	0	0	1
COUNTY NO.				ROUTE NO.				MILEPOST				SEQUENCER		UPDATE TYPE				

AGENCY: SNOHOMISH COUNTY

BRIDGE NO.: 247

BRIDGE NAME: PORTAGE CREEK

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
MONTH		YEAR		ADEQUACY APPRAISAL				CONDITION				TRAFFIC SAFETY				LIFE EXPECTANCY YEAR														
DATE OF THIS INSPECTION		STRUCT.	DECK GEOM.	UNDER-CLEAR.	LOAD CAP.	ALIGN.	WATERWAY	DECK	SUPER.	SUBSTR.	CHAN.	CULV.	APPR. RDVY.	BRIDGE RAIL	TRANS.	GUARD RAIL	TERM.	INSP. FREQ.												
																				OPTIONAL										
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
											SURFACING	EXPANSION DAMS	BEARING DEVICES	DRAINS	RAILS	CURBS	SIDEWALKS	STRINGERS	CAPS	INTERMED. BENTS	ABUTMENTS	FLOOR BEAMS	LONGITUD. BEAMS	TRUSSES	ARCHES	GIRDERS	PAINT	NO. UTIL.	PIER PROTECTION	

INSTRUCTIONS:

1. CODE ONLY THOSE ITEMS WHICH HAVE CHANGED; ITEMS WHICH ARE CORRECT ON THE TOP SHEET SHOULD BE LEFT BLANK.
2. BE CERTAIN TO CODE THE DATE OF THIS INSPECTION EVEN THOUGH NOTHING ELSE CHANGES.
3. SEPARATE THESE SHEETS AT THE PERFORATION. KEEP THE TOP SHEET FOR YOUR PERMANENT FILE AND SEND THE BOTTOM SHEET TO YOUR DISTRICT STATE-AT-ENGINEER.

STRUCTURAL APPRAISAL

- 9 Not applicable
- 8 New bridge
- 7 Good condition. Becoming older and slightly worn.
- 6 Bridge structurally sound for legal loads. Minor facial repairs needed.
- 5 Bridge structurally sound for legal loads. Major repairs needed.
- 4 Bridge structurally sound for all loads except for overloads. Major repairs necessary to bring to full carrying capacity.
- 3 Restricted loads (Bridge must be posted). Repairs necessary.
- 2 Restricted loads (Bridge must be posted). New bridge necessary.
- 1 Bridge closed. May be repaired.
- 0 Bridge closed. Must be replaced.

DECK GEOMETRY, UNDERCLEARANCES, SAFE LOAD CAPACITY AND APPROACH ROADWAY ALIGNMENT APPRAISALS

- 9 Not applicable
- 8 Condition equal to present desirable criteria
- 7 Condition better than present minimum criteria
- 6 Condition equal to present minimum criteria
- 5 Condition somewhat better than minimum adequacy to tolerate being left in place as is
- 4 Condition meeting minimum tolerable limits to be left in place as is
- 3 Basically intolerable condition requiring high priority of repair
- 2 Basically intolerable condition requiring high priority of replacement
- 1 Immediate repair necessary to put back in service
- 0 Immediate replacement necessary to put back in service

WATERWAY ADEQUACY

- 9 Not applicable
- 8 Large well established channel. No hydraulic problems.
- 7 Rock channel. Riprapped or natural slope protection. Alignment perpendicular to bridge. Stream capacity adequate. No scour.
- 6 Rock and gravel channel. Gradual slopes or partially riprapped. Alignment adequate. Stream has minor drift. No scour in immediate area of bridge.
- 5 Gravel and sand channel. Unprotected but not steep slopes. Minor alignment problem. Stream causes large drift accumulation. Minor scouring at bridge.
- 4 Sand and mud or grassy channel. Unprotected steeper slopes. Alignment problem requiring eventual repair. Stream causes large drift and a high flow. Major scouring but no undermining.
- 3 Mud channel. Unprotected steep banks. Stream overflows banks. Drift may damage superstructure. Undermining problems have developed.
- 2 Basically intolerable condition requiring high priority of replacement.
 - 1 Immediate repair necessary to put back in service.
 - 0 Immediate replacement necessary to put back in service.

CONDITION

- 9 Not applicable
- 8 Good condition-no repairs needed
- 7 Generally good condition-potential exists for minor maintenance
- 6 Fair condition-potential exists for major maintenance
- 5 Generally fair condition-potential exists for minor rehabilitation
- 4 Marginal condition-potential exists for major rehabilitation
- 3 Poor condition-repair or rehabilitation required immediately
- 2 Critical condition-the need for repair or rehabilitation is urgent. Facility should be closed until the indicated repair is complete
 - 1 Critical condition-facility is closed. Study should determine the feasibility for repair
 - 0 Critical condition-facility is closed and is beyond repair

TRAFFIC SAFETY FEATURES

- 0 Inspected feature does not meet currently acceptable standards.
- 1 Inspected feature meets currently acceptable standards.

7.04. 4-9-82
TIMBER & CONCRETE BRIDGE INSPECTION REPORT

BRIDGE NO. 247 ROAD LOG NO. 96855 MILE POST NO. 9.00 DATE: 3-26-82
TYPE butten Arch INSPECTED BY B. Weiss
BRIDGE NAME Portage Creek
LOCATION old US 99, 0.7 S Jct SR 530

GENERAL CONDITION - SUPERSTRUCTURE Good

1. SURFACING N/A

2. CURBS see rail

3. DRAINS N/A

4. RAILS Jersey rails are in good condition.

5. SIDEWALKS N/A

6. DECK

a. concrete deck is in good condition

b. timber

7. FLOOR BEAMS N/A

8. STRINGERS N/A

9. GIRDERS N/A

10. EXPANSION DEVICES N/A

GENERAL CONDITIONS SUBSTRUCTURE Good

1. ARCHES Concrete is in good condition.

2. CAPS N/A

3. PIERS N/A

4. INTERMEDIATE BENTS N/A

a. piles N/A

SUPERSEDED

5. WATERWAY Good

- a. scour None
b. alignment good
c. adequacy good
d. condition good

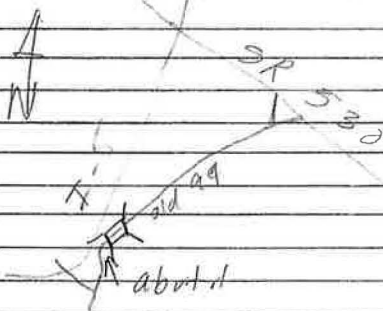
GENERAL BRIDGE CONDITION: Good

1. deck to water
2. bottom of bridge to water
3. depth of water
4. width of water
5. speed of water
6. skew of bridge to roadway
7. bridge width inside curb to curb
8. bridge length c to c
9. bridge length o to o 174.2 ft
10. bridge under clearance to stream
11. ADT
12. clear view sight distance to bridge N. end E. end W. end S. end
13. posted weight limit

ABUTMENTS & BULKHEADS Good

PIER PROTECTION & WING DRAFT WALLS NA

REMARKS & DRAWINGS



RECOMMENDED REPAIRS NA

LIFE EXPECTANCIES BEFORE REPAIRS None

COUNTY ENGINEER'S RECORD OF BRIDGES

Bridge Number 247 Road OLD "99" Over PORTAGE CREEK
Section 17 Township 31 N. Range 5 E. W. M. Built 1922

[illegible]

J.L.

TIMBER & CONCRETE BRIDGE INSPECTION REPORT

BRIDGE NO. 249 ROAD LOG NO. 95055 MILE POST NO. 9.25 DATE: 7-7-80
TYPE arch concrete INSPECTED BY P. W. 100
BRIDGE NAME Portage Creek
LOCATION 01099, 0.7 S JCT SR 530

GENERAL CONDITION - SUPERSTRUCTURE

SUPERSEDED

1. SURFACING N/A

2. CURBS N/A

3. DRAINS N/A

4. RAILS Good condition

5. SIDEWALKS N/A

6. DECK

a. concrete Good condition

b. timber

7. FLOOR BEAMS N/A

8. STRINGERS N/A

9. GIRDERS N/A

10. EXPANSION DEVICES N/A

GENERAL CONDITIONS SUBSTRUCTURE

1. ARCHES Good condition

2. CAPS N/A

3. PIERS N/A

4. INTERMEDIATE BENTS N/A

a. piles N/A

Filled
7-10-80
B MW

side over

5. WATERWAY

a. scour noneb. alignment goodc. adequacy goodd. condition good

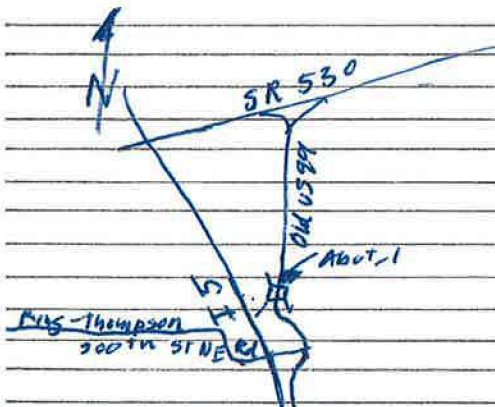
GENERAL BRIDGE CONDITION:

1. deck to water 202. bottom of bridge to water 17.03. depth of water 0-2 ft.4. width of water 5-10 ft.5. speed of water 0-1 mph6. skew of bridge to roadway none7. bridge width inside curb to curb 28.28. bridge length c to c 59 ft.9. bridge length o to o 105 ft.10. bridge under clearance to stream 17.0

11. ADT

12. clear view sight distance to bridge N. end E. end W. end S. end 13. posted weight limit noneABUTMENTS & BULKHEADS Good conditionPIER PROTECTION & WING DRAFT WALLS N/A

REMARKS & DRAWINGS

RECOMMENDED REPAIRS N/ALIFE EXPECTANCIES BEFORE REPAIRS None

TIMBER & CONCRETE BRIDGE INSPECTION REPORT

BRIDGE NO. 247 ROAD LOG NO. 76855 MILE POST NO. 9.00 DATE: 5-24-79
TYPE CONCRETE ARCH INSPECTED BY JOHN GORDON, MIKE BORG
BRIDGE NAME PORTAGE CREEK
LOCATION _____

SUPERSEDED

GENERAL CONDITION - SUPERSTRUCTURE GOOD

1. SURFACING CONCRETE, CONDITION GOOD.
2. CURBS NEW JERSEY TYPE; SEE RAILS
3. DRAINS NONE, WATER
4. RAILS NEW JERSEY TYPE, NO DAMAGE, CRACKING OR SPAULING AT THIS TIME.
5. SIDEWALKS N/A
6. DECK GOOD

a. concrete GOOD, NO CRACKING OR SPAULING OR UNUSUAL WEAR AT THIS TIME.

b. timber N/A

7. FLOOR BEAMS N/A

8. STRINGERS N/A

9. GIRDERS N/A

10. EXPANSION DEVICES N/A

GENERAL CONDITIONS SUBSTRUCTURE GOOD

1. ARCHES CONCRETE, CONDITION GOOD, NO CRACKING OR SPAULING AT THIS TIME.

2. CAPS N/A

3. PIERS N/A

4. INTERMEDIATE BENTS N/A

a. piles N/A

5. WATERWAY Good

a. scour Good

b. alignment Good

c. adequacy Good

d. condition Good

GENERAL BRIDGE CONDITION: Good

1. deck to water 20'
2. bottom of bridge to water 16'
3. depth of water 36"
4. width of water 15'
5. speed of water 28'4" IN 40 sec.
6. skew of bridge to roadway 0°
7. bridge width inside curb to curb 28'4"
8. bridge length c to c 105'
9. bridge length o to o 105'
10. bridge under clearance to stream 16'
11. ADT ?
12. clear view sight distance to bridge N. end 300' E. end W. end S. end 20'
13. posted weight limit NONE

ABUTMENTS & BULKHEADS N/A

PIER PROTECTION & WING DRAFT WALLS N/A

REMARKS & DRAWINGS Note: THERE ARE TWO UTILITIES ATTACHED TO THE SIDE OF THE UPSTREAM SIDE OF THE BRIDGE, ONE IS A SEWER LINE & THE OTHER IS A WATER LINE.

RECOMMENDED REPAIRS NONE AT THIS TIME.

LIFE EXPECTANCIES BEFORE REPAIRS 2 years UNTIL NEXT INSPECTION

BRIDGE NO. 247

Page Creek

BRIDGE NAME

D Highway 99

TYPE Concrete Arch

LOCATION

31-5

Made by

Date

GENERAL CONDITION

DECK Concrete

SURFACING ASPHALT

CURBS CONC

DRAINS CONC gutters at ends of rails

RAILS Conc Rotten where exposed. First sec N + E
West bowed East + East bowed West

SIDEWALKS

Delimiters 4 8x24

STRINGERS, LONGITUDINAL BEAMS

CAPS, FLOORBEAMS

TRUSSES, (ARCHES) GIRDERS

concrete

1st joints on arch cracked Badly Hairline to 1/8"
Patches on NW side Rotten

EXPANSION DEVICES

PAINT Rock what there is

ABUTMENTS, BUILT-UPS

concrete

INTERMEDIATE BENTS, PIERS

PIER PROTECTION

SUPERSEDED

WATERWAY—Scour, alignment, adequacy, condition, etc.

Deck to water

25

Depth of water

2

Width of water

15

REMARKS

UTILITIES Power line E side
App Guard Rail 12" B.G. conc posts, + wooden

RECOMMENDED REPAIRS

Br #

LIFE EXPECTANCY