

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	CHESHIRE RD.	Feature Intersected:	ALUM CR. STATE PARK RD.J
Route #:	C0072	Location:	0.2 MI E. OF OLD STATE RD
Log Point:	0383	Township:	BERLIN
SFN:	2134195	Date Inspected (MMDDYY):	012209
Structure Type:	231	Deck Summary:	7
Year Built:	1973	Superstructure Summary:	7
Year Rehab:		Substructure Summary:	6
Overall Length (ft):	116	Culvert Summary:	
Roadway Width (ft):	32.0	Channel Summary:	
Estimated ADT (year):	4920 (06)	Approach Summary:	8
HS Operating Rating (tons):	45	GA and OS:	6A
HS Inventory Rating (tons):	36	<i>GA=general appraisal; OS=operational status</i>	
Posted Limit (tons):		<i>A=open to traffic; B=posting recommended; G=new bridge</i>	
% Legal Load:	150	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	95.4 ()
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 7-paved over with cracks in pavement and slight seepage; 10-moisture between beams #1 and 2 LH side, spall in span #1, RH fascia beam crushing at forward end where it contacts backwall (no expansion room); 35-extensive map cracking, spalling and section loss at base of concrete pier encasements (H-pile inside), also moisture and numerous vertical cracks; 52-cracks in bank protection between columns; 57 RR bridge terminal loose

Notes:

1. Item numbers in comments refer to BR86 bridge items.
2. Culverts are not scored for "deck, superstructure or substructure". Bridges are not for "culvert".
3. If posted weight limit is blank, the bridge can carry Ohio Legal Loads with no restriction.
4. GA=general appraisal or overall score from 1 to 9 (9 is excellent, 0=closed/failed)
5. HS Operating (OR) and Inventory ratings (IR) are total weight of truck (45 tons = HS25-44, 36 tons = HS20-44)
OR is maximum allowable load for occasional/permit loads. IR is limit for routine loads.

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Road Name:	CHESHIRE RD.	Feature Intersected:	ALUM CREEK LAKE
Route #:	C0072	Location:	0.2 MI. W. OF AFRICA RD.
Log Point:	0451	Township:	BERLIN
SFN:	2134241	Date Inspected (MMDDYY):	073108
Structure Type:	322	Deck Summary:	7
Year Built:	1973	Superstructure Summary:	7
Year Rehab:		Substructure Summary:	8
Overall Length (ft):	324	Culvert Summary:	
Roadway Width (ft):	32.0	Channel Summary:	8
Estimated ADT (year):	4920 (06)	Approach Summary:	8
HS Operating Rating (tons):	45	GA and OS:	7A
HS Inventory Rating (tons):	36	<i>GA=general appraisal; OS=operational status</i>	
Posted Limit (tons):		<i>A=open to traffic; B=posting recommended; G=new bridge</i>	
% Legal Load:	150	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	91 ()
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 6-scuffers on RH side are clogged causing drainage to run to end of bridge; 7-pavement breaking up over expansion joint at forward end, pieces of expansion joint have fallen to abutment seat, leakage down backwall; 37-some fine wet vertical cracks and efflorescence starting, leakage through expansion joint; 40-not seen at piers; 57-RF corner loose

Notes:

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4. GA=general appraisal or overall score from 1 to 9 (9 is excellent, 0=closed/failed)
5. HS Operating (OR) and Inventory ratings (IR) are total weight of truck (45 tons = HS25-44, 36 tons = HS20-44)
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Bridge Inventory and Inspection Summary

Road Name:	CURVE RD.	Feature Intersected:	HATTEN DITCH #497
Route #:	T0089	Location:	0.3 MI. E. OF GLENN RD.
Log Point:	0183	Township:	BERLIN
SFN:	2134004	Date Inspected (MMDDYY):	031209
Structure Type:	195	Deck Summary:	
Year Built:	1995	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	14	Culvert Summary:	8
Roadway Width (ft):	40.0	Channel Summary:	6
Estimated ADT (year):	530 (07)	Approach Summary:	8
HS Operating Rating (tons):	45	GA and OS:	8A
HS Inventory Rating (tons):	36	<i>GA=general appraisal; OS=operational status</i>	
Posted Limit (tons):		<i>A=open to traffic; B=posting recommended; G=new bridge</i>	
% Legal Load:	150	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	99.9 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 51-channel turns at outlet; 53-5% silt buildup in both barrels;

Notes:

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3. If posted weight limit is blank, the bridge can carry Ohio Legal Loads with no restriction.
4. GA=general appraisal or overall score from 1 to 9 (9 is excellent, 0=closed/failed)
5. HS Operating (OR) and Inventory ratings (IR) are total weight of truck (45 tons = HS25-44, 36 tons = HS20-44)
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Bridge Inventory and Inspection Summary

Road Name:	BERLIN STATION RD.	Feature Intersected:	FARIS RUN
Route #:	T0091	Location:	0.1 MI. S. OF TWP RD 103
Log Point:	0469	Township:	BERLIN
SFN:	2133334	Date Inspected (MMDDYY):	031209
Structure Type:	195	Deck Summary:	
Year Built:	1995	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	14	Culvert Summary:	8
Roadway Width (ft):	34.0	Channel Summary:	9
Estimated ADT (year):	1000 (04)	Approach Summary:	8
HS Operating Rating (tons):	45	GA and OS:	8A
HS Inventory Rating (tons):	36	<i>GA=general appraisal; OS=operational status</i>	
Posted Limit (tons):		<i>A=open to traffic; B=posting recommended; G=new bridge</i>	
% Legal Load:	150	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	99.5 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 43-water seeping through joints and going thru gravel bedding in forward barrel;

Notes:

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4. GA=general appraisal or overall score from 1 to 9 (9 is excellent, 0=closed/failed)
5. HS Operating (OR) and Inventory ratings (IR) are total weight of truck (45 tons = HS25-44, 36 tons = HS20-44)
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Bridge Inventory and Inspection Summary

Road Name:	SHERMAN RD.	Feature Intersected:	BRANCH OF ALUM CREEK
Route #:	T0134	Location:	0.2 MI. E. OF AFRICA RD.
Log Point:	0026	Township:	BERLIN
SFN:	2133237	Date Inspected (MMDDYY):	122208
Structure Type:	395	Deck Summary:	
Year Built:	1970	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	10	Culvert Summary:	5
Roadway Width (ft):	28.0	Channel Summary:	6
Estimated ADT (year):	250 (08)	Approach Summary:	7
HS Operating Rating (tons):	45	GA and OS:	5A
HS Inventory Rating (tons):	36	<i>GA=general appraisal; OS=operational status</i>	
Posted Limit (tons):	NEW BRIDGE - NO PREVIO	<i>A=open to traffic; B=posting recommended; G=new bridge</i>	
% Legal Load:	150	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	87 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 47-inlet headwall partially collapsed, 53-much silt & stone buildup in pipe,

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4. GA=general appraisal or overall score from 1 to 9 (9 is excellent, 0=closed/failed)
5. HS Operating (OR) and Inventory ratings (IR) are total weight of truck (45 tons = HS25-44, 36 tons = HS20-44)
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Bridge Inventory and Inspection Summary

Road Name:	NORTH RD.	Feature Intersected:	WEEPING ROCK CREEK
Route #:	T0272	Location:	0.2 MI N. OF LEWIS CENTER
Log Point:	0016	Township:	BERLIN
SFN:	2132311	Date Inspected (MMDDYY):	012309
Structure Type:	395	Deck Summary:	
Year Built:	1966	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	19	Culvert Summary:	6
Roadway Width (ft):	20.0	Channel Summary:	7
Estimated ADT (year):	250 (00)	Approach Summary:	7
HS Operating Rating (tons):	45	GA and OS:	6A
HS Inventory Rating (tons):	36	<i>GA=general appraisal; OS=operational status</i>	
Posted Limit (tons):		<i>A=open to traffic; B=posting recommended; G=new bridge</i>	
% Legal Load:	150	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	99.9 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 41-bolts at seams rusting; 44-slight horizontal misalignment under road; 45-barrel #1 showing crush under road; 57-too far from pavement on LH side to prevent car from going into stream; 59-washouts LH side

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4. GA=general appraisal or overall score from 1 to 9 (9 is excellent, 0=closed/failed)
5. HS Operating (OR) and Inventory ratings (IR) are total weight of truck (45 tons = HS25-44, 36 tons = HS20-44)
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Bridge Inventory and Inspection Summary

Road Name:	SUMMERWOOD CROSSIN	Feature Intersected:	TRIBUTARY TO ALUM CREEK
Route #:	T1241	Location:	0.5 MI. E. OF AFRICA RD
Log Point:	0052	Township:	BERLIN
SFN:	2135698	Date Inspected (MMDDYY):	012209
Structure Type:	195	Deck Summary:	
Year Built:	2003	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	12	Culvert Summary:	9
Roadway Width (ft):	36.0	Channel Summary:	8
Estimated ADT (year):	600 (04)	Approach Summary:	8
HS Operating Rating (tons):	45	GA and OS:	9A
HS Inventory Rating (tons):	36	<i>GA=general appraisal; OS=operational status</i>	
Posted Limit (tons):		<i>A=open to traffic; B=posting recommended; G=new bridge</i>	
% Legal Load:	150	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	99.9 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

No comments.

Notes:

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4. GA=general appraisal or overall score from 1 to 9 (9 is excellent, 0=closed/failed)
5. HS Operating (OR) and Inventory ratings (IR) are total weight of truck (45 tons = HS25-44, 36 tons = HS20-44)
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