

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	N. OLD STATE RD.	Feature Intersected:	TRIBUTARY TO ALUM CREEK
Route #:	C0010	Location:	0.3 MI. S. OF SR 521
Log Point:	1381	Township:	BROWN
SFN:	2134403	Date Inspected (MMDDYY):	112508
Structure Type:	195	Deck Summary:	
Year Built:	2000	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	22	Culvert Summary:	6
Roadway Width (ft):	32.0	Channel Summary:	7
Estimated ADT (year):	800 (04)	Approach Summary:	9
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):	99.7 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 46-1 to 2 inch gap at seams noted at all joints, some minor seepage, joints protected from above, however; 47-some leakage between headwall and box end section;

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.

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	N. OLD STATE RD.	Feature Intersected:	LEATHERWOOD RUN
Route #:	C0010	Location:	0.2 MI. N. OF JCT. CR 80
Log Point:	1511	Township:	BROWN
SFN:	2136023	Date Inspected (MMDDYY):	112508
Structure Type:	195	Deck Summary:	
Year Built:	2008	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	35	Culvert Summary:	9
Roadway Width (ft):	30.0	Channel Summary:	9
Estimated ADT (year):	850 (08)	Approach Summary:	9
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):	THIS BRIDGE REPLACED SF	<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:

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.

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	COUNTY HOME RD.	Feature Intersected:	PRIMMER DITCH
Route #:	C0065	Location:	0.5 MI. E. OF CACKLER RD.
Log Point:	0104	Township:	BROWN
SFN:	2134012	Date Inspected (MMDDYY):	112508
Structure Type:	195	Deck Summary:	
Year Built:	1998	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	15	Culvert Summary:	9
Roadway Width (ft):	30.0	Channel Summary:	9
Estimated ADT (year):	1310 (07)	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):	99.5 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 44-slight misalignment between sections & slight debris accumulation in line 2 & 3

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.

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	COUNTY HOME RD.	Feature Intersected:	INFIRMARY DITCH
Route #:	C0065	Location:	0.3 MI WEST OF SR 521
Log Point:	0198	Township:	BROWN
SFN:	2133881	Date Inspected (MMDDYY):	112508
Structure Type:	395	Deck Summary:	
Year Built:	1973	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	13	Culvert Summary:	7
Roadway Width (ft):	32.0	Channel Summary:	7
Estimated ADT (year):	1310 (07)	Approach Summary:	8
HS Operating Rating (tons):	99	GA and OS:	7A
HS Inventory Rating (tons):	99	<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):	100 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 43-scaley rust but no section loss; 45-slight crush both lines; 48-minor outlet scour; 53-cattle fence at outlet end; 59-steep;

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.

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	BOWTOWN RD.	Feature Intersected:	PRIMMER DITCH NO.1
Route #:	C0084	Location:	250 FT E. OF SKINNER RD.
Log Point:	0358	Township:	BROWN
SFN:	2135132	Date Inspected (MMDDYY):	112508
Structure Type:	321	Deck Summary:	8
Year Built:	1991	Superstructure Summary:	6
Year Rehab:		Substructure Summary:	8
Overall Length (ft):	29	Culvert Summary:	
Roadway Width (ft):	30.0	Channel Summary:	7
Estimated ADT (year):	320 (08)	Approach Summary:	8
HS Operating Rating (tons):	33	GA and OS:	6A
HS Inventory Rating (tons):	20	<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:	100	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	78 ()
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 1-moisture stains; 10-beams beginning laminar rust on lower flanges, section loss 15% in 2 interior beam flanges; 28-failing, peeling in spots; 51-favors rear abutment; 59-beginning washout at LR;

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.

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	BOWTOWN RD.	Feature Intersected:	TRIBUTARY TO ALUM CREEK
Route #:	C0084	Location:	0.2 MI W. OF OLD STATE RD
Log Point:	0571	Township:	BROWN
SFN:	2135124	Date Inspected (MMDDYY):	112508
Structure Type:	395	Deck Summary:	
Year Built:	1974	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	17	Culvert Summary:	6
Roadway Width (ft):	25.0	Channel Summary:	7
Estimated ADT (year):	200 (00)	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):	99.3 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 43-widespread water line rust and section loss but no perforations; 44-slight horizontal misalignment in rear line; 45-slight crush at left side, both lines; 46-typically seams slightly open; 59-deep settlement over pipes on RH side;

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.

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	HOGBACK RD.	Feature Intersected:	UNNAMED STREAM
Route #:	T0076	Location:	0.67 MI. S. OF S.R. 521
Log Point:	0241	Township:	BROWN
SFN:	2134969	Date Inspected (MMDDYY):	112508
Structure Type:	395	Deck Summary:	
Year Built:	1972	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	14	Culvert Summary:	5
Roadway Width (ft):	24.0	Channel Summary:	5
Estimated ADT (year):	150 (08)	Approach Summary:	8
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):		<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):	88 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 44-ends of pipe kicked up; 53-75% full of sediment;

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.

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	HOGBACK RD.	Feature Intersected:	NO NAME DITCH
Route #:	T0076	Location:	0.6 MI. S. OF SR 521
Log Point:	0251	Township:	BROWN
SFN:	2135221	Date Inspected (MMDDYY):	112508
Structure Type:	111	Deck Summary:	6
Year Built:	1940	Superstructure Summary:	6
Year Rehab:		Substructure Summary:	7
Overall Length (ft):	13	Culvert Summary:	
Roadway Width (ft):	16.0	Channel Summary:	8
Estimated ADT (year):	150 (04)	Approach Summary:	8
HS Operating Rating (tons):	41	GA and OS:	6A
HS Inventory Rating (tons):	30	<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):	74.4 (F)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 1-some hairline longitudinal cracks, one small localized spall with rebar exposed at mid-span; 5-post at middle right has lost anchorage to headwall and hangs free; 33-some hairline vertical cracks; 38-LR wall has map cracking and efflorescence, RF wall has slight map cracking and efflorescence; 59-steep;

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.

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	HOWARD RD.	Feature Intersected:	ALUM CREEK LAKE
Route #:	T0077	Location:	0.3 MI E. OF OLD STATE RD
Log Point:	0038	Township:	BROWN
SFN:	2135019	Date Inspected (MMDDYY):	112508
Structure Type:	231	Deck Summary:	7
Year Built:	1974	Superstructure Summary:	8
Year Rehab:		Substructure Summary:	8
Overall Length (ft):	215	Culvert Summary:	
Roadway Width (ft):	28.0	Channel Summary:	9
Estimated ADT (year):	370 (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):	98.9 ()
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 5-some anchor bolt nuts missing; 7-seepage at piers from leaking expansion joint; 10-leakage between beams; vegetation growing on beams; 33-seepage, hairline vertical cracks; 37-some seepage;

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.

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	GIEHL RD.	Feature Intersected:	LEATHER WOOD RUN
Route #:	T0082	Location:	0.9 MI W OF N OLD STATE R
Log Point:	0033	Township:	BROWN
SFN:	2131854	Date Inspected (MMDDYY):	120508
Structure Type:	321	Deck Summary:	7
Year Built:	1920	Superstructure Summary:	6
Year Rehab:	1980	Substructure Summary:	2
Overall Length (ft):	29	Culvert Summary:	
Roadway Width (ft):	21.0	Channel Summary:	4
Estimated ADT (year):	240 (04)	Approach Summary:	6
HS Operating Rating (tons):	45	GA and OS:	2A
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:	100	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	25.6 (S)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 1-some damp spots; 2->6" too low from repeated resurfacing courses; 10-extensive uniform heavy scaley rust; 33-severe erosion of bottom row of stones at rear abutment, mortar loss; 38-severe wide vertical cracks at wingwall/abutment angle at all four corners, vert. crack at LR joint open to 4" width, no movement since last year; 48-deep scour hole at LR; 57-loose and very low;

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.

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	KELLY-MCMASTER RD.	Feature Intersected:	SUGAR RUN DITCH
Route #:	T0219	Location:	0.1 MI W. OF US 42
Log Point:	0188	Township:	BROWN
SFN:	2132079	Date Inspected (MMDDYY):	120508
Structure Type:	395	Deck Summary:	
Year Built:	1900	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	15	Culvert Summary:	6
Roadway Width (ft):	22.4	Channel Summary:	8
Estimated ADT (year):	300 (04)	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):	96.9 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 43-typically scaley rust at water line, minor section loss,; 45-slight vertical crush; 47-some map cracking and efflorescence; 48-scour under outlet apron; 55-some settlement between pipes at pavement edges;

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.