

2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	NORTON RD	Feature Intersected:	CARTER SWALE
Route #:	C0202	Location:	0.4 MI. W. OF TROY RD.
Log Point:	0390	Township:	MARLBORO
SFN:	2133725	Date Inspected (MMDDYY):	123008
Structure Type:	195	Deck Summary:	
Year Built:	1997	Superstructure Summary:	
Year Rehab:		Substructure Summary:	
Overall Length (ft):	10	Culvert Summary:	8
Roadway Width (ft):	26.0	Channel Summary:	7
Estimated ADT (year):	800 (06)	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):	87.5 (C)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 44-slight vertical misalignment both lines; 53-about 5% silt buildup in both barrels; 54-erosion at inlet; 55-minor scaling;

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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Bridge Inventory and Inspection Summary

Road Name:	HORSESHOE RD.	Feature Intersected:	SHERWOOD DITCH NO. 125
Route #:	C0220	Location:	0.1 MI. N. OF BISHOP RD.
Log Point:	0642	Township:	MARLBORO
SFN:	2131072	Date Inspected (MMDDYY):	010509
Structure Type:	111	Deck Summary:	6
Year Built:	1930	Superstructure Summary:	6
Year Rehab:		Substructure Summary:	5
Overall Length (ft):	23	Culvert Summary:	
Roadway Width (ft):	24.8	Channel Summary:	7
Estimated ADT (year):	1100 (06)	Approach Summary:	6
HS Operating Rating (tons):	41	GA and OS:	5A
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:	100	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	65.8 ()
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 5-inadequate post support on RH side; 10-cracks with stalactites at seams between original slab and extensions; 33-total mortar loss and split stones; 38-mortar loss, cracked and shifting stones; 40-very deep scour along abutments but no undermining; 53-deep pool under bridge; 55-pavement edges failing at LH side due to erosion; 59-washouts at LH side repaired;

Notes:

1. Item numbers in comments refer to BR86 bridge items.
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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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2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	BISHOP RD.	Feature Intersected:	SHERWOOD DITCH NO. 125
Route #:	T0225	Location:	0.1 MI E. OF HORSESHOE RD
Log Point:	0010	Township:	MARLBORO
SFN:	2133245	Date Inspected (MMDDYY):	010509
Structure Type:	321	Deck Summary:	8
Year Built:	1950	Superstructure Summary:	8
Year Rehab:	2001	Substructure Summary:	7
Overall Length (ft):	18	Culvert Summary:	
Roadway Width (ft):	22.1	Channel Summary:	7
Estimated ADT (year):	180 (03)	Approach Summary:	8
HS Operating Rating (tons):	45	GA and OS:	7A
HS Inventory Rating (tons):	28	<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):	74.7 ()
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 38-LF and LR have some map cracking and efflorescence; 37-backwall repaired at rear abutment;

Rehabilitated in 2000 including deck and beam replacement.

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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2008 DELAWARE COUNTY BRIDGE REPORT

Bridge Inventory and Inspection Summary

Road Name:	BROADWAY RD.	Feature Intersected:	NO NAME DITCH
Route #:	T0232	Location:	0.1 MI N OF WEISER RD.
Log Point:	0009	Township:	MARLBORO
SFN:	2133318	Date Inspected (MMDDYY):	123008
Structure Type:	111	Deck Summary:	2
Year Built:	1920	Superstructure Summary:	2
Year Rehab:		Substructure Summary:	4
Overall Length (ft):	21	Culvert Summary:	
Roadway Width (ft):	16.6	Channel Summary:	6
Estimated ADT (year):	1 (04)	Approach Summary:	3
HS Operating Rating (tons):	00	GA and OS:	2K
HS Inventory Rating (tons):	00	<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:	000	<i>K=closed to all traffic; P=posted weight limit implemented</i>	
		Suff. Rating (SD or FO):	27 (S)
		<i>S = structurally deficient; F = functionally obsolete; * = culvert</i>	

Bridge Inspection Comments:

Item 1-seet #10; 5-very flimsy guardrail left side, both parapets have fallen off; 6-weeds on deck; 9-slab sagging; 10-many long open longitudinal cracks with effl., extensive hollow and rotten, seepage, efflorescenc and stalactites, severe section loss at edges; 33-horizontal, vertical, and map cracks, hollow in places, spalling at LR; 38-large horizontal cracks, random cracking, erosion; 55-settlement at backwalls; 59-steep; 60-brush is overgrown at approach;

Recommend abandoning road and bridge.

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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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