Town Bridges (Span of 20 FT & under)– Inventory and Screening - Field Notes

Town: Norwich Bridge No.: 103019 Date of Inspection: 8/29/16

PE Stamp and Signature

Consultant Co Name: DEWBERRY

Inspector: DAL (Print) _____ (Signature)

Inspector: DAF (Print) _____ (Signature)

Reviewed by: _____ Date: _____

Inventory Data

Road: Hunters Road #2 Crossing: Hunters Brook

Location to nearest intersection: 0.1 Miles S (N/ S/ E/ W) from Junction with MAENNERCHOR AVE

Is this a border bridge? Yes/ (No) Border Town (and state): _____

Functional Classification of Roadway: Rural principal arterial (interstate)/ Rural principal arterial (other)/ Rural minor arterial/ Rural major collector/ Rural minor collector/ Rural local/ Urban principal arterial (interstate)/ Urban principal arterial (other freeway)/ Urban other principal arterial/ Urban minor arterial/ Urban collector/ Urban local

ADT: _____ Date of ADT: _____ 41.557768 -72.053047

Source: CDOT Town ADT map, Town source, Project source, other _____
(Do not use the ADT from previous 1991 report and do not estimate ADT – if no source, leave blank)

Main Span:
-Bridge Material: (Concrete)/ Continuous Conc/ Steel/ Continuous Steel/ Pre-stressed Conc/ Continuous Pre-Stressed Conc/ Timber/ Masonry/ Aluminum or Iron/ Other _____

-Type of Bridge: Slab/ Multi-Beam/ Girder & Floorbeam/ (Tee Beam)/ Multiple Box Beam/ Spread box Beam/ Frame/ Deck Arch/ Pipe culvert or Box Culvert/ Channel Beam/ Other _____

Approach Span: Conc. T-beams integral w/ abutments
-Bridge Material: Concrete/ Continuous Conc/ Steel/ Continuous Steel/ Pre-stressed Conc/ Continuous Pre-Stressed Conc/ Timber/ Masonry/ Aluminum or Iron/ Other _____

-Type of Bridge: Slab/ Multi-Beam/ Girder & Floorbeam/ Tee Beam/ Multiple Box Beam/ Spread box Beam/ Frame/ Deck Arch/ Pipe culvert or Box Culvert/ Channel Beam/ Other _____

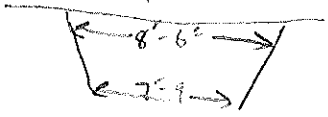
NBIS Bridge Length: 7'-9" Structure Length: _____

Number of Spans: 1 Span Lengths: Span1- 7'-9" Span2-____ Span3-____ Span4-____

Bridge Width (out-to-out)**: _____ (curb-to-curb): 22'

Deck Area**: _____ Number of Lanes on Structure: 2

** Under the screening phase of the program, Bridge Width (out to out) and Deck Area are not applicable to culverts that are significantly wider than the roadway (i.e. inlet-to-outlet measurement is significantly greater than the roadway curb-to-curb measurement)



Abut faces are battered @ faces

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Town: Norwich Bridge No.: 103519 Date of Inspection: 8/29/16

Mandatory / Standard Photos

12 1. Top View [Photo1 - Looking north/ east/ south/ west across bridge in log/ reverse log direction of road.]

13 2. Elevation View [Photo2 - North/ east/ south/ west elevation (inlet/ outlet)]

14 3. Under View [Photo3 – Describe elements viewed, e.g. West abutment and typical superstructure; East barrel looking upstream, etc.] Underside looking east

Additional Photos:

(include any safety concerns of an urgent nature)

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

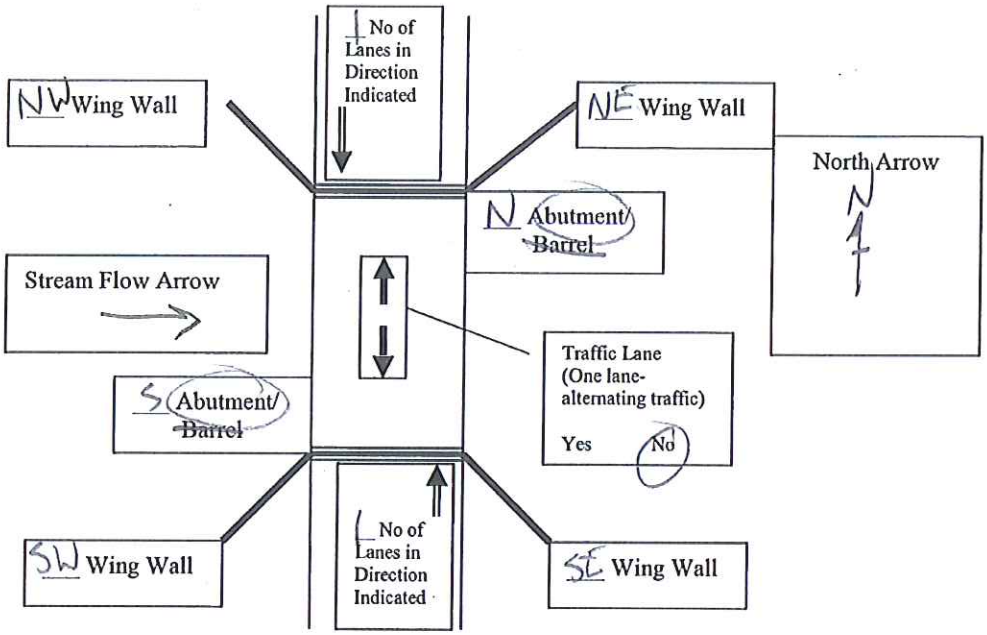
14.

Town Bridges (Span of 20 FT & under)– Inventory and Screening - Field Notes

Town: Norwich Bridge No.: 103019 Date of Inspection: 8/29/16

Basic Orientation Sketch:

(Add north arrow, stream flow arrow, number traffic lanes, and abutment & wing wall labels)



Screening Data (Limited Inspection)

Was structure inspected under the previous CDOT project (#170-936)? . . . . . Yes ✓ No ___
Is structure new or significantly modified since last CDOT inspection? . . . . . Yes ___ No ✓
Has the structure been inspected by others since the last CDOT inspection? . . . . . Yes ___ No ✓
Date of last inspection by others: _____

Inspection Access

- Is there ready access to both sides of bridge (up & downstream)? . . . . . Yes ✓ No ___
- Can stream be walked with waders? . . . . . N/A___ Yes ✓ No ___
- Items for full inspection - Boat or raft/ Divers/ Ladder/ Tidal/ Low FB/ Confined space/ Other _____

Topside (Bridge and Culvert)

- Condition of Topside (overlay, top of deck). . . . . Sat. Or Better ✓ Fair or worse ___
- Safety concerns of urgent nature on topside? (include parapets, railing, etc) No ✓ . . . Yes ___

Underside (Bridge)

- Condition of underside of deck . . . . . N/A ___ Sat. Or Better ___ Fair or worse ✓
- Condition of superstructure. . . . . N/A ___ Sat. Or Better ___ Fair or worse ✓
- Condition of abutments . . . . . N/A ___ Sat. Or Better ___ Fair or worse ✓
- Condition of wingwalls . . . . . N/A ___ Sat. Or Better ___ Fair or worse ✓
- Safety concerns of urgent nature on underside? . . . . . No ___ . . . Yes ___

Underside (Culvert)

- Condition of roof . . . . . N/A ✓ Sat. Or Better ___ Fair or worse ___
- Condition of sidewalls. . . . . N/A ✓ Sat. Or Better ___ Fair or worse ___
- Condition of invert . . . . . N/A ✓ Sat. Or Better ___ Fair or worse ___
- Condition of wingwalls . . . . . N/A ✓ Sat. Or Better ___ Fair or worse ___
- Safety concerns of urgent nature on underside? . . . . . No ___ . . . Yes ___

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Channel

	N/A	Sat. Or Better	Fair or worse
• Condition of scour	___	✓	___
• Condition of channel	___	✓	___
• Alignment of channel	___	✓	___
• Adequacy of channel to carry high flow	___	✓	___

General Assessment Based on Above:

	N/A	Sat. Or Better	Fair or worse
• 58. Deck	___	___	✓
• 59. Superstructure	___	___	✓
• 60. Substructure	___	___	✓
• 61. Channel	✓	___	___
• 62. Culvert	✓	___	___
• 67. Structural Evaluation	___	___	✓
• 71. Waterway adequacy	___	✓	___

Safety Items:
Was town notified of any urgent safety concerns by e-mail (with photos) . . . Yes ___ No ___ N/A ✓
Date the town was notified: _____

Comments and Observations:

Topside – Random cracks in pavement. MBR both sides

Underside - Spalls @ west face in w/ exposed rebar
CMU wingwalls deteriorated w/ cracks in mortar

Channel - Pond downstream

General - Structure has not changed except for additional deterioration.

Norwich – screening 103019

