



Connecticut Department of
Energy & Environmental Protection
Bureau of Water Protection & Land Reuse
Land & Water Resources Division

LWRD License Application Engineering Report Cover Sheet

This Cover Sheet is a checklist of requirements that need to be completed and submitted with the engineering report. Please complete this checklist by identifying where each requirement listed is addressed in the engineering report (report title and page numbers). If an item is not applicable, place "NA" in the box. The engineer report must fully describe the design of the proposed facilities or other actions and the hydraulic and hydrologic effects thereof. This Cover Sheet is required to be signed and sealed by a professional engineer licensed in the State of Connecticut.

Stormwater Management

Engineering Report section title and page number	Requirement Description
Att 18 pg. 2-3	Description of the design storm frequency intensity, volume and duration
Att 18 Fig. 4	Watershed maps, existing and proposed
NA	Computations for Tc
NA	Imperviousness calculations
NA	NRCS runoff curve numbers, volumetric runoff coefficients
Att 18 Narrative	Computations used to determine peak runoff rates, and velocities for each watershed area (24-hour storm): • Stream Channel Protection: 1-year, 2-year frequency ("over-control" of 2-year storm) • Conveyance Protection: 10-year frequency • Peak Runoff Attenuation: 2-year, 10-year, 25 year, and 100-year frequency • Emergency Outlet Sizing: safely pass the 100-year frequency or larger storm
Att 18 pg. 2-3	Hydrograph routing calculations
NA	Description, schematics, and calculations for drainage and stormwater management systems
Att 14 Planset	Infiltration rates, geotechnical information, test pit data, perc test data, conductivity testing data
Att 18 Narrative	Documentation of sources
Att 18 Appendix E	Electronic files in native format for any computer modelling generated for analysis.

Stormwater Management

Engineering Report section title and page number	Requirement Description
NA	Detention basin analysis including timing and duration of expected outflow, stream stability analysis and hydrograph summation
NA	Erosion & sedimentation calculations for any engineered measures
NA	Calculations for any engineered water quality treatment measures

Floodway/Floodplain Assessment

Engineering Report section title and page number	Requirement Description
Att 18 pg. 2-10	Description of existing and proposed conditions upstream and downstream of the proposed activity
NA	For any bridge or culvert placement or replacement with a drainage area of 100 acres or more, plan sheets showing the existing and proposed inundation area for the 2, 10, 25, 50, and 100 year discharges, carried to convergence
Att 18 End of Report	Flood Contingency Plan
Att 18 pg. 5-10	A description and analysis of the floodplain modifications required to restore any flood conveyance and flood storage capacity
Att 18 pg. 5-10 & Appendix	Demonstration that backwater from the proposed activity will not impact an existing dam, dike, detention, or similar structure
Att 18 pg. 5-10 & Appendix	Backup data and complete hydraulic analysis for proposed modifications to the floodplain including location plan and plot for sections, profile sheet, summary sheet (for riverine modeling, refer to: https://www.fema.gov/sites/default/files/2020-02/Hydraulics_OneDimensionalAnalyses_Nov_2016.pdf)
Att 18 Appendix	Description, schematics, and calculations for bridges and culverts

Structures within a Coastal Floodplain

Engineering Report section title and page number	Requirement Description
NA	Longshore sediment transport impact report
NA	Wind, wave, load analysis for significant public access structures (Only for Flood Management Certification)
NA	Wind, wave, load analysis for flood and erosion control structures (e.g. seawalls, bulkheads, revetments, berms, jetties, etc.)
NA	Hydrologic / Hydraulic impact report for tide regulating / influencing structures (e.g. culverts, tidegates, flood berms / levees, etc.)

Professional Certification

For any engineering report submitted as part of the LWRD License application, the following certification must be signed and sealed by a professional engineer licensed to practice in Connecticut and submitted with the Engineering Report Cover Sheet.

"I certify that in my professional judgement, each requirement listed in the Engineering Report Cover Sheet has been addressed in the engineering report submitted as part of the LWRD permit application and that the information is true, accurate and complete to the best of my knowledge and belief.

This certification is based on my review of the engineering report.

I understand that a false statement made in the submitted information may, pursuant to Section 22a-6 of the General Statutes, be punishable as a criminal offense under Section 53a-157b of the General Statutes, and may also be punishable under Section 22a-438 of the General Statutes."

7/17/2025

Signature of Professional Engineer

Date

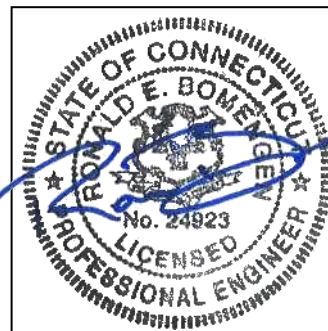
Ronald Bomengen

#24923

Name of Professional Engineer (print or type)

P.E. Number (if applicable)

Affix P.E. Stamp Here
(if applicable)



RLI Project / Connecticut River Hydraulic & Floodway Report

Riverfront Recapture, Inc.

50 Columbus Boulevard, 1st Floor
Hartford, CT 06106

State Project No. 63-721

June 2025 (Last Revised July 2025)

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End of Report

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Appendices

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- A. FEMA FIS
- B. Existing vs. Proposed HEC-RAS Documentation – FEMA Floodplain
- C. Existing vs. Proposed HEC-RAS Documentation – FEMA Floodway
- D. HEC-RAS Model Files (CD)
- E. Electronic Copy of Hydraulic & Floodway Report (CD)
- F. Floodplain Contingency Plan

1 Executive Summary

This Hydraulic & Floodway Report has been prepared for the proposed development of a cove and community park in conjunction with extension of the existing Riverwalk Trail system. The project site extends from the north side of Meadow Brook northerly to Decker's Brook. The site will be developed into a public recreation space that incorporates a trail system, a 9-acre cove, park amenities and plantings that will create an inviting open space for the residents of Hartford to enjoy.

Riverfront Recapture has purchased 60 acres of riverfront land on the Hartford-Windsor town line to build a new community park. This acquisition will allow Riverfront Recapture to complete a regional trail connection between the Hartford and Windsor Riverwalks and connect even more people with the Connecticut River.

The master project includes development of a trail system south of Meadow Brook, installation of a new pedestrian bridge across Meadow Brook, development of a public park, trail, and new 9-acre cove between Meadow Brook and Decker's Brook, and installation of a new pedestrian bridge across Decker's Brook. The project funding sources vary, such that the project has been split into three sections for permitting purposes, as follows:

1. The trail system to just south of Meadow Brook;
2. The park, trail system, and new cove, located between Meadow Brook and Decker's Brook, including the proposed pedestrian bridge at Meadow Brook; and
3. Installation of the new pedestrian bridge over Decker's Brook.

This analysis and report cover the section of work under #2 above, including the park, trail system, and new cove between Meadow Brook and Decker's Brook. Reports of hydraulic analysis for the other park sections will be submitted separately.

The expanded cove will be home to RRI's new paddle sport and outdoors center; the park will support recreation, youth programs, large scale community events and festivals. The trail will close the final gap in a 7-plus mile Riverwalk system linking the region from Windsor to the south end of Hartford and East Hartford, creating a vital new regional asset and promoting non-motorized, carbon-free transportation in the area.

The proposed activities include:

- Excavation of clean alluvial sand in and adjacent to the existing cove;
- Expansion of the storage capacity of the existing floodplain;
- Grading to allow for future park improvements and development; and
- Installation of site plantings and vegetation.

Hydraulic analyses for the existing and proposed conditions were performed to assess the potential floodplain impacts for the 10-, 50-, 100- and 500-year floods. Floodway impacts were also assessed for the 100-year and 10-year encroached and un-encroached conditions.

The hydraulic analyses indicate that for proposed conditions there is an inconsequential increase in the FEMA 10-, 50-, 100-year, and 500-year water surface elevations. All increases or decreases in the 100-year water surface profiles between the proposed model and published information are less than 0.5 feet. Therefore, in accordance with the DEEP Hydraulic Analysis Guidance Document, a notification letter to FEMA is not required upon completion of the project.

Additionally, there are no predicted increases in water surface elevation for the encroached 100-year and 10-year conditions, and therefore no adverse floodway impacts. A site location map is provided as *Figure 1*.

2 Hydrology

2.1 Drainage Basin

The drainage area of the Connecticut River at the project site is approximately 10,465 square miles (according to the most recent effective Flood Insurance Study). This drainage area is provided in the FIS at a point 980 feet upstream of the confluence of Meadow Brook with the Connecticut River, adjacent to the location of the proposed cove. The drainage area is part of Connecticut River Basin No. 4000, as identified by the Connecticut Department of Energy & Environmental Protection (DEEP) in "Natural Drainage Basins in Connecticut"¹. The drainage basin is part of the main stem of the Connecticut River. The contributing watershed is comprised of mixed use classes, with rural, residential, and commercially developed areas. The watershed has a main channel slope of approximately 2 ft/mile.

2.2 FEMA Flood Insurance Study

The most recent effective Flood Insurance Study (FIS) released by FEMA is dated May 6, 2017 and includes all communities in Hartford County². However, the detailed flood study for the Connecticut River was most recently updated in the FIS dated September 26, 2008; this includes the hydraulic and hydrologic calculations which were performed by Roald Haestad, Inc., for FEMA under Contract No. EMB-2003-CO-0338 (completed in June 2006).³

The peak flood discharges for the restudy of the Connecticut River were developed by the USGS under a separate contract with FEMA and published in a report entitled "Estimates of the Magnitude and Frequency of Flood Flows in the Connecticut River in Connecticut"⁴. A log-Pearson Type III Frequency Analysis of the annual peak flow data for Thompsonville, Hartford, and Middletown gaging stations was used to determine the 10-, 4-, 2-, 1-, and 0.2-percent-annual-chance peak discharges. New peak discharges for the Connecticut River at the confluence of major tributaries were calculated from the values published in the USGS Report based on ratio of watershed area. The watershed areas were taken from "Gazetteer of Drainage Areas in Connecticut"⁵. The calculated peak flood discharges are summarized in the following table:

¹ Department of Environmental Protection, State of Connecticut. (Revised 1991). "Natural Drainage Basins in Connecticut". Hartford, CT.

² Federal Emergency Management Agency, U.S. Department of Homeland Security. (May 16, 2017). "Flood Insurance Study, Hartford County, Connecticut". Washington, D.C.

³ Federal Emergency Management Agency. (September 26, 2008). Vol, Page 19.

⁴ U.S. Geological Survey. (2005). Estimates of the Magnitude and Frequency of Flood Flows in the Connecticut River in Connecticut, Open-File Report 2005-1369. Hartford, Connecticut.

⁵ Connecticut Department of Environmental Protection. (1997). Gazetteer of Drainage Areas of Connecticut, Water Resources Bulletin No. 45. Thomas Nosal (author).

Table 3-1
FEMA Peak Discharges
Connecticut River approximately 980ft upstream of confluence of Meadow Brook

Return Frequency	Peak Discharge (cfs)
10-year	138,000
50-year	181,000
100-year	200,000
500-year	243,000

3 Hydraulics

3.1 Hydraulic Model

Hydraulic analyses were performed using the HEC-RAS hydraulic modeling program, Version 5.0.7, released by the U.S. Army Corps of Engineers. Existing and proposed conditions analyses were performed using published FEMA discharges.

The hydraulic analyses presented in this Hydraulic & Floodway Report have been performed in accordance with the CTDEEP Hydraulic Analysis Guidance Document.

3.2 Model Data

A detailed FEMA study was completed for this portion of the Connecticut River using the HEC-RAS hydraulic modeling program. As a starting point, the HEC-RAS model hydraulic back-up (input) data was obtained from FEMA. The existing and proposed models were developed by modifying the FEMA model for use specific to this project. The data and assumptions applied to the models are discussed below.

3.2.1 Geometric Data

The HEC-RAS model includes the reach of the Connecticut River between FEMA Sections U and AC; a copy of the Flood Insurance Rate Map (FIRM) is provided in *Appendix A*. This reach includes Bridge No. 01431 (River Station 281798) and a downstream railroad bridge crossing (Bridge No. 05862) at River Station 267186. A cross-section location map is provided as *Figure 2*.

3.2.2 Location of FEMA Cross-Sections

Cross-section designations and stationing used in the original FEMA HEC-RAS analysis were maintained in the updated HEC-RAS model. The river stations at each FEMA lettered section are listed in *Table 3-2*.

**Table 3-2
FEMA Cross-Section Locations**

FEMA Section Letter	River Station
U	264,191
V	266,003
W	266,798
X	267,478
Y	271,465
Z	276,987
AA	281,000
AB	282,550
AC	288,987

3.2.3 Elevation Datum

The survey information and the project design plans for this project are in US customary units and are referenced to NAVD 1988. The summary tables included in this report are provided in NAVD 1988. All other elevations listed in this report are referenced to NAVD 1988 unless otherwise noted.

3.2.4 Expansion & Contraction Coefficients

Contraction and expansion coefficients applied to the original FEMA HEC-RAS analysis were 0.3 and 0.5, respectively, in the vicinity of the bridge crossings and 0.1 and 0.3, respectively, for locations without significant changes in cross-sectional area; this is in accordance with the current guidance provided in the HEC-RAS Hydraulic Reference Manual. Therefore, these coefficients were not revised for the existing and proposed conditions models.

3.2.5 Roughness (*n*) Values

Roughness (*n*) values applied to the FEMA HEC-RAS analysis ranged from 0.03 – 0.15 for overbank areas and 0.03 – 0.1 within the channel banks. These values were found to be valid based upon a comparison of the roughness values currently suggested in the HEC-RAS Hydraulic Reference Manual, a review of aerial photography to identify current land use, and field observations. The overbank roughness values of the three cross sections that pass through the site were altered to reflect the proposed park planting and vegetation scheme. Outside of these cross-sections, the roughness values were not revised in the existing and proposed conditions models.

3.2.6 Boundary Conditions

Known water surface elevations (obtained from the FIS) were used as the downstream boundary condition for analyses utilizing FEMA discharges. Upstream boundary conditions were not required for analyses utilizing FEMA discharges since these analyses were performed utilizing a subcritical flow regime.

3.2.7 Bridge Modeling Approach

The bridge modeling approach for low flows and high flows (i.e., the upstream water surface elevation is greater than the low chord) were based on the energy equation for both the existing and proposed conditions.

3.3 FEMA HEC-RAS “As-Is” Model

Guidelines provided by DEEP in the Hydraulic Analysis Guidance Document require that the FEMA hydraulic model be used as the starting point for any analysis on a watercourse that has been mapped as part of the National Flood Insurance Program. Therefore, the FEMA HEC-RAS model used in the detailed flood study based upon hydraulic back-up data provided by FEMA was used as the starting point for this analysis. The latest model was created by Roald Haestad, Inc. and was provided to Fuss & O'Neill at a later date.

The Hydraulic Analysis Guidance Document requires that as a first step the back-up data provided by FEMA should be run “as-is” with no modifications to reflect current conditions. The intent of this requirement is to check for differences in water surface elevations that are only related to the use of different modeling software.

The downstream boundary condition for each analyzed flow event was based upon the published FEMA water surface elevations listed at Section AC, the section located at our downstream limit of analysis.

A comparison of the water surface elevations between those indicated within the FIS and the HEC-RAS output data produced a direct match. Detailed results and documentation are provided in *Appendix B*.

3.4 Existing Conditions Model

The existing conditions model was developed by modifying FEMA's “as-is” HEC-RAS model. Modifications included adding new cross sections locations and updating cross sections elevations with information obtained from detailed project survey. The upstream and downstream limits of the model were selected to extend past model convergence between existing and proposed conditions. The HEC-RAS model extent included components for both the Cove Park redevelopment as well as the afore-mentioned extension of the existing Riverwalk Trail system. The revised cross-sections for the Cove Park modifications extend from Section 279,999 to Section 264,493. The overbank and channel geometry data at these revised locations was obtained from the project survey.

The downstream boundary conditions for both analyses were based upon the published FEMA water surface elevations listed at Section AC. Upstream starting water surface elevation was not necessary since flow through this reach is entirely subcritical.

The existing condition model output summary tables, cross section plots, and profile plots are included in Appendix B. The results of this hydraulic model match the profiles presented in the FEMA FIS and the calibrated FEMA HEC-RAS model to within less than 0.2 feet for all flood events. A summary comparison of the water surface elevations (WSE's) listed in the FEMA FIS and the results of the existing condition HEC-RAS model are provided in the table below.

Table 3-3
Comparison of Calibrated FEMA Model & Existing Cond. Model – 100-year Profile

Section Number	FEMA Section Letter	Calibrated FEMA Model NAVD	Existing Cond. Model NAVD	□ WSE (feet)
264,191	U	30.61	30.61	0.00
266,003	V	30.78	30.77	0.01
266,798	W	30.80	30.80	0.00
267,186	Bridge No. 05862			
267,478	X	30.83	30.83	0.00
271,465	Y	31.39	31.38	0.01
276,987	Z	31.81	31.83	-0.02
281,000	AA	31.93	31.96	-0.03
281798	Bridge No. 01431			
282,550	AB	32.13	32.16	0.03
288,987	AC	32.69	32.72	-0.03

3.5 Proposed Conditions

The existing conditions geometry data was modified to reflect the proposed activities, which includes re-grading in overbank areas, installation of a trail system, landscape plantings, and excavation to create the cove. Existing and proposed elevation contours are displayed on *Figure 3*. Comparison of the cross-section layout and the proposed activities indicates potential impacts at Sections 277,324, 277,487, 278,006, 278,520, and 278,987. The proposed re-grading activities resulted in minor fill and excavation within these affected cross-sections. The proposed geometry of these cross-sections was modified to reflect this change.

Downstream boundary conditions applied to the proposed conditions analysis remained the same as those applied for the existing conditions.

4 FEMA Floodplain Analysis

Federal and State regulatory requirements prohibit adverse hydraulic impacts to floodplains based on the published FEMA discharge for the base flood (100-year flood). As such, analyses were performed with the FEMA 100-year discharge for both the existing and proposed conditions.

The FEMA published discharges were modeled for existing and proposed conditions to ensure that the FEMA base flood (100-year) elevation is not increased by more than 1.0-foot. Downstream boundary conditions were based upon the water surface elevation data published in the FEMA FIS profile.

Results of the HEC-RAS model indicate negligible increases to the 100-year flood elevations because of the proposed activities. The greatest change in the 100-year water surface elevation is a 0.01-foot increase at multiple cross sections. Existing and proposed condition model output summary tables, cross-section plots, and profile plots are included in *Appendix B*; results are summarized in *Table 4-1*.

Table 4-1
Comparison of Existing & Proposed Conditions – 100-year FEMA Flow

Section Number	FEMA Section Letter	100-yr WSE (NAVD)		□ WSE (feet)
		Existing	Proposed	
264,191	U	30.61	30.61	0.00
266,003	V	30.77	30.77	0.00
266,798	W	30.80	30.80	0.00
267,478	X	30.83	30.83	0.00
271,465	Y	31.38	31.38	0.00
276,987	Z	31.83	31.83	0.00
277,487	---	31.89	31.89	0.00
278,006	---	31.91	31.92	-0.01
278,520	---	31.91	31.92	-0.01
278,987	---	31.90	31.91	-0.01
281,000	AA	31.96	31.97	-0.01
282,550	AB	32.16	32.16	0.00
288,987	AC	32.72	32.72	0.00

Like the 100-year scenario, the results of the analysis also show minor increases in the 10-year, 50-year, and 100-year flood profiles. Corresponding profile plots and output summary tables are provided in *Appendix B*.

The 100-year water surface elevations published in the FEMA FIS were also compared to the results for the proposed conditions analysis, as given in *Table 4-2*. All increased or decreases in the 100-year water surface profiles between the proposed model and published information are less than 0.5 feet. Therefore, in accordance with the DEEP Hydraulic Analysis Guidance Document, a notification letter to FEMA is not required upon completion of the project.

**Table 4-2
Comparison of Proposed Condition & FEMA FIS
Water Surface Elevations for FEMA 100-year Flood Flow**

Section Number	FEMA Section Letter	Proposed 100-yr WSE NAVD	FEMA FIS WSE (NAVD)	□ WSE (feet)
264,191	U	30.6	30.6	0.0
266,003	V	30.8	30.8	0.0
266,798	W	30.8	30.8	0.0
267,186	Bridge No. 05862			
267,478	X	30.8	30.8	0.0
271,465	Y	31.4	31.4	0.0
276,987	Z	31.8	31.8	0.0
281,000	AA	31.9	31.9	0.0
281798	Bridge No. 01431			
282,550	AB	32.1	32.1	0.0
288,987	AC	32.7	32.7	0.0

4.1.1 Assessment of Potential Adverse Impacts

Potential impacts to surrounding properties were considered as part of this analysis. Based upon a review of the project survey information and aerial photography, there are no infrastructure, industrial, or residential properties that could potentially be impacted in the area between FEMA Sections U and AC.

5 FEMA Floodway Analysis

The Hydraulic Analysis Guidance Document requires that proposed project activities must not result in an increase in the 10- or 100-year floodway water surface elevations, measured to 0.00-feet. Encroachment stationing was obtained from the calibrated FEMA HEC-RAS input data. Review of that data reveals that the encroachment stationing for some of the cross-sections from the FEMA HEC-RAS input does not correspond to the floodway widths listed in in the “Table 10, Floodway Data” in the FEMA FIS (*Appendix A*).

Floodway analyses were be run using encroachment Method 1 as stipulated in the form titled “Flood Management Certification Program for Municipal Projects Funded by the Department of Transportation”.

The downstream boundary condition for the un-encroached 10-year and 100-year profiles were based upon the corresponding water surface elevations shown on the FEMA flood profile. The downstream boundary condition for the 100-year encroached condition was increased by 0.8 feet to account for the impact of downstream encroachments as modeled in the FEMA analysis. This increase is based upon the floodway data in the FEMA FIS Floodway Data Table for the downstream cross-section (FEMA Section U). Because the FEMA FIS does not include data for the 10-year encroached condition, the downstream boundary condition for that scenario was

similarly adjusted by 0.8 feet. An upstream starting water surface elevation was not necessary since the floodway analysis was modeled as subcritical flow.

The results of the analyses indicate there are no adverse impacts related to the proposed activities. The results of the 10- and 100-year analyses are summarized in *Table 5-1* and *Table 5-2*, respectively. Detailed documentation of the floodway analyses is provided in *Appendix C*; this includes additional comparison tables of the existing and proposed encroached and un-encroached 100-year and 10-year water surface elevations, cross-section plots, and water surface profile plots.

Table 5-1
100-year Floodway Analysis – Encroached WSE's

Section Number	FEMA Section Letter	100-yr WSE (NAVD)		□ WSE (feet)
Existing	Proposed			
264,191	U	31.42	31.42	0.00
266,003	V	31.57	31.57	0.00
266,798	W	31.59	31.59	0.00
267,478	X	31.64	31.64	0.00
271,465	Y	32.15	32.15	0.00
276,987	Z	32.54	32.54	0.00
277,487	---	32.66	32.66	0.00
278,520	---	32.70	32.70	0.00
278,987	---	32.71	32.71	0.00
280,500	---	32.82	32.82	0.00
281,000	AA	32.84	32.84	0.00
282,550	AB	33.00	33.00	0.00
283,016	---	33.04	33.04	0.00
283,955	---	33.20	33.20	0.00
288,987	AC	33.58	33.57	0.01

Table 5-2
10-year Floodway Analysis – Encroached WSE's

Section Number	FEMA Section Letter	10-yr WSE (NAVD)		□ WSE (feet)
		Existing	Proposed	
264,191	U	28.00	28.00	0.00
266,003	V	28.10	28.10	0.00
266,798	W	28.12	28.12	0.00
267,478	X	28.13	28.13	0.00
271,465	Y	28.46	28.46	0.00
276,987	Z	28.74	28.74	0.00
277,487	---	28.82	28.82	0.00
278,520	---	28.85	28.85	0.00
278,987	---	28.86	28.86	0.00
280,500	---	28.95	28.94	0.01
281,000	AA	28.96	28.96	0.00
282,550	AB	29.07	29.07	0.00
283,016	---	29.09	29.09	0.00
283,955	---	29.20	29.20	0.00
288,987	AC	29.50	29.50	0.00

6 Conclusions & Recommendations

The existing brownfield is proposed to be replaced with a cove through the excavation of clean alluvial sand. The proposed re-grading of overbank areas has minimal impact on water surface elevation compared to the existing conditions. No new permanent negative hydraulic impact is anticipated to surrounding properties due to this regrading.

The hydraulic analyses indicate that for proposed conditions there is an inconsequential increase in the FEMA base flood water surface elevations and no increase for FEMA floodway water surface elevations. Therefore, in accordance with the DEEP Hydraulic Analysis Guidance Document, a notification letter to FEMA is not required upon completion of the project.

Figure 1

Site Location Map



Disclaimer: This map is not the product of a Professional Land Survey. It was created by Fuss & O'Neill, Inc. for general reference, informational, planning and guidance use, and is not a legally authoritative source as to location of natural or manmade features. Proper interpretation of this map may require the assistance of appropriate professional services. Fuss & O'Neill, Inc. makes no warrantee, express or implied, related to the spatial accuracy, reliability, completeness, or currentness of this map.

Site Location Plan

RLI Project

Hartford

Connecticut

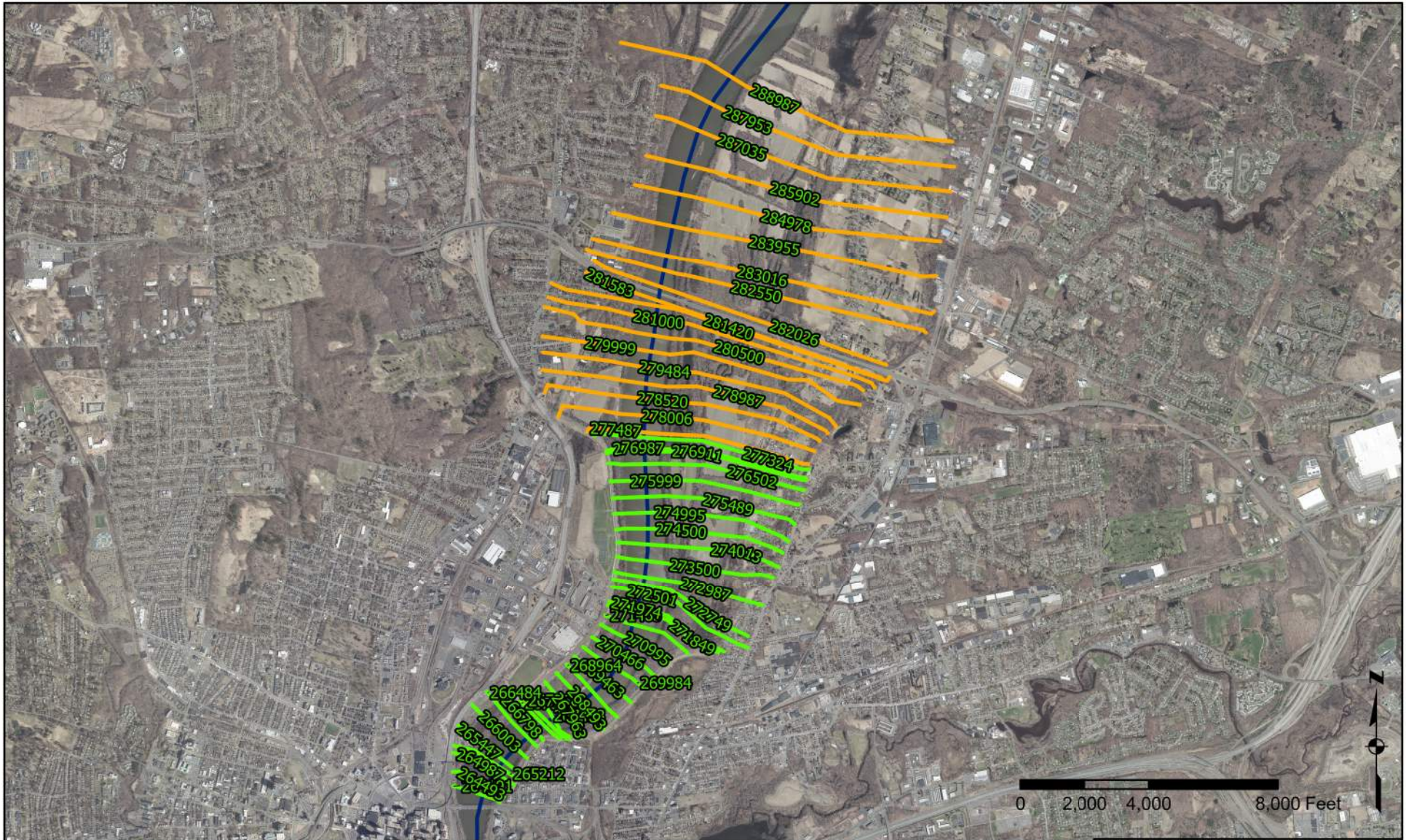
FUSS & O'NEILL

1 Financial Plaza, 15th Floor
Hartford, CT 06103
860.646.2469 | www.fando.com

Figure
#1

Figure 2

Cross-Section Location Map



Legend

- Project Area Cross Sections
- Remaining Model Cross Sections
- River Reach

Data Source(s):
1. GeoHEC-RAS Ver: 3.0.0.456 Hydraulic Model

Disclaimer: This map is not the product of a Professional Land Survey. It was created by Fuss & O'Neill, Inc. for general reference, informational, planning and guidance use, and is not a legally authoritative source as to location of natural or manmade features. Proper interpretation of this map may require the assistance of appropriate professional services. Fuss & O'Neill, Inc. makes no warranty, express or implied, related to the spatial accuracy, reliability, completeness, or currentness of this map.

Cross Section Location Plan

RLI Project

Hartford

Connecticut

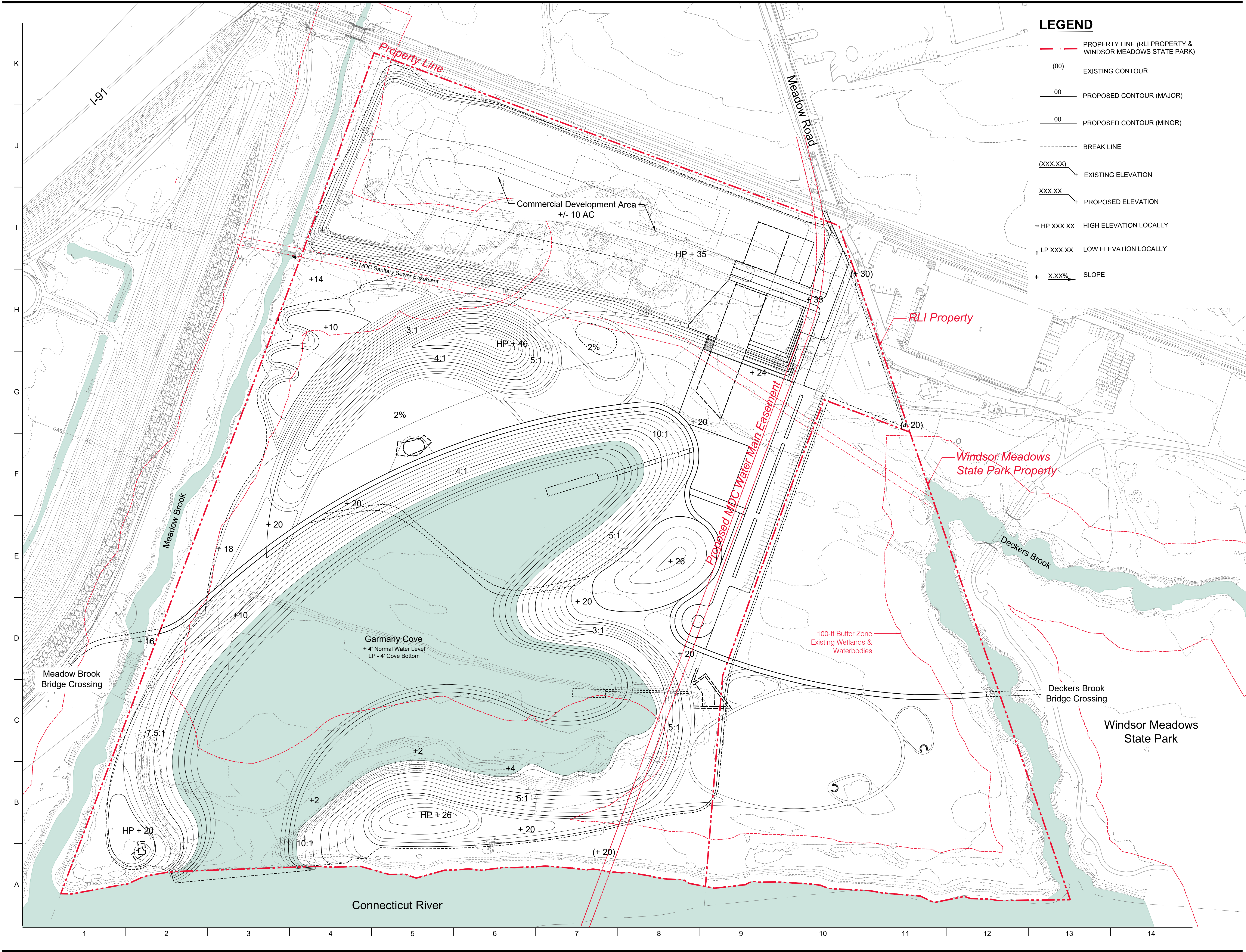
FUSS & O'NEILL

1 Financial Plaza, 15th Floor
Hartford, CT 06103
860.646.2469 | www.fando.com

Figure
#2

Figure 3

Site Grading Plan



- LEGEND**
- PROPERTY LINE (RLI PROPERTY & WINDSOR MEADOWS STATE PARK)
 - (00) EXISTING CONTOUR
 - 00 PROPOSED CONTOUR (MAJOR)
 - 00 PROPOSED CONTOUR (MINOR)
 - BREAK LINE
 - (XXX.XX) EXISTING ELEVATION
 - XXX.XX PROPOSED ELEVATION
 - HP XXX.XX HIGH ELEVATION LOCALLY
 - LP XXX.XX LOW ELEVATION LOCALLY
 - + X.XX% SLOPE

RIVERFRONT RECAPTURE FUTURE PARK

CITY OF HARTFORD & TOWN OF WINDSOR, CONNECTICUT

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ISSUE/REVISIONS		
NO.	DESCRIPTION	DATE
1	PERMIT SET	06/05/2025

KEY MAP

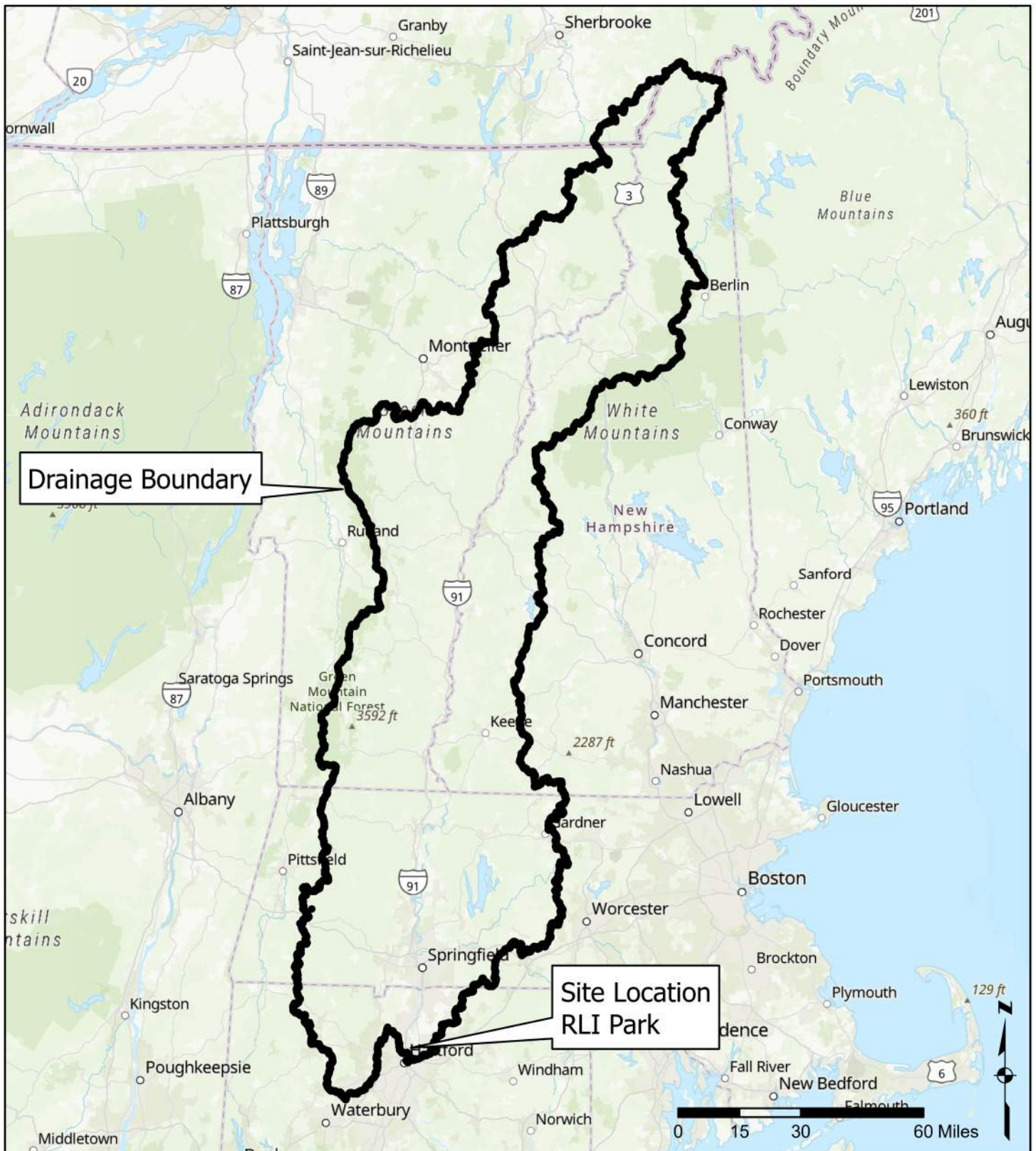
SHEET INFORMATION

Project No.: RRP 2301
Drawn By: JM
Checked By: ML
Date: 7/15/2025
Scale: 1" = 100'

LANDSCAPE GRADING PLAN

Figure 4

Drainage Map



Drainage Area Map

RLI Park / Connecticut River

Hartford

Connecticut

FUSS & O'NEILL

1 Financial Plaza, 15th Floor
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**Figure
#4**

Disclaimer: This map is not the product of a Professional Land Survey. It was created by Fuss & O'Neill, Inc. for general reference, informational, planning and guidance use, and is not a legally authoritative source as to location of natural or manmade features. Proper interpretation of this map may require the assistance of appropriate professional services. Fuss & O'Neill, Inc. makes no warranty, express or implied, related to the spatial accuracy, reliability, completeness, or currentness of this map.

Appendix A

FEMA FIS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding. Particularly for flood areas of small size, the **community map repository** should be consulted for possible updates or additional flood hazard information.

Coastal Rise Flood Elevations shown on this map apply only to landward of 0.0 North American Vertical Datum of 1980 (NAVD 80). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were compiled at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

Accessed (seven times to users). Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, or the levee system(s) shown as providing protection for areas on this panel. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at <http://www.fema.gov/business/index.cfm>.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 18N. The **horizontal datum** was NAD 83, GRS 1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMb for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geospatial Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geospatial Survey website at <http://www.ngs.noaa.gov> or contact the National Geospatial Survey at the following address:

NCS Information Services
 NOAA, NNGS-12
 National Geodetic Survey
 3500C-8, #602
 1515 East-West Highway
 Silver Spring, Maryland 20910-2202
 (301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (888) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM was provided in digital format to Connecticut Department of Environment (CT DEP). This information was derived from digital orthophotography dated 2005.

The profile baseline depicted on this map represent the hydraulic modeling baseline that match the flood profiles in the FTS report. As a result of improved topographic data the profile baseline, in some cases, may deviate significantly from the stream centerline or appear outside the SFRPA.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at MSC.MSFCORP.COM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report and/or digital versions of the map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products, or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FMI) at 1-877-FEMA-MAP (1-877-365-2627) or visit the FEMA website at <http://www.fema.gov/floodproducts>.

[illegible]

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 1 OF 11



HARTFORD COUNTY, CONNECTICUT

(ALL JURISDICTIONS)

		COMMUNITY NAME	NUMBER
COMMUNITY NAME	NUMBER	TOWN OF PLAINVILLE	090034
TOWN OF AVON	090021	TOWN OF ROCKY HILL	090142
TOWN OF BERLIN	090022	TOWN OF SIMSBURY	090035
TOWN OF BLOOMFIELD	090122	TOWN OF SOUTH WINDSOR	090036
CITY OF BRISTOL	090023	TOWN OF SOUTHTON	090037
TOWN OF BURLINGTON	090145	TOWN OF SUFFIELD	090038
TOWN OF CANTON	090135	TOWN OF WEST HARTFORD	095082
TOWN OF EAST GRANBY	090025	TOWN OF WETHERSFIELD	090040
TOWN OF EAST HARTFORD	090026	TOWN OF WINDSOR	090041
TOWN OF EAST WINDSOR	090027	TOWN OF WINDSOR LOCKS	090042
TOWN OF ENFIELD	090028		
TOWN OF FARMINGTON	090029		
TOWN OF GLASTONBURY	090124		
TOWN OF GRANBY	090125		
CITY OF HARTFORD	095080		
TOWN OF HARTLAND	090146		
TOWN OF MANCHESTER	090031		
TOWN OF MARLBOROUGH	090148		
CITY OF NEW BRITAIN	090032		
TOWN OF NEWINGTON	090033		

REVISED:

MAY 16, 2017

FLOOD INSURANCE STUDY NUMBER
09003CV001C

Version Number 2.3.3.2



FEMA

Table 2: Flooding Sources Included in this FIS Report

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi ²) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Cherry Brook	Town of Canton	Confluence with Farmington River	Approximately 1,580 feet upstream of State Route 179	01080207	7.1		Y	AE	5/1/1988
Chidsey Brook	Town of Avon	Confluence with Big Brook	Country Club Road	01080207	1.6		Y	AE	6/1/1984
Connecticut River	many	County limits	County limits	01080205	33.2		Y	AE	9/26/2008
Copper Mine Brook	City of Bristol	Confluence with Pequabuck River	Corporate limits with Burlington	01080207	4.5		Y	AE	3/1/1978
Creamery Brook	Town of Windsor	Confluence with Farmington River	Lennox Avenue	01080207	1.0		Y	AE	6/1/1977
Creamery Brook	Town of East Granby	Confluence with Sheldens Brook	Approximately 1 mile upstream of Hillcrest Drive	01080205	2.3		N	AE	3/1/1995
Creamery Brook	Town of Granby	Confluence with East Branch Salmon Brook	Approximately 900 feet upstream of Creamery Hill Road	01080207	1.3		N	AE	5/1/1995
Crooked Brook	Town of Berlin	Confluence with Belcher Brook	Railroad	01080205	0.9		N	AE	5/1/1991
Deckers Brook	Town of Windsor	Confluence with Connecticut River	Approximately 1,200 feet upstream of Windsor Avenue	01080205	2.3		Y	AE	1/1/1982
DeGraves Brook	Town of East Granby	Corporate limits with Suffield	Approximately 500 feet upstream of Nicholson Road	01080205	1.2		N	AE	3/1/1995

Table 5: Basin Characteristics

HUC-8 Sub-Basin Name	HUC-8 Sub-Basin Number	Primary Flooding Source	Description of Affected Area	Drainage Area (square miles)
Lower Connecticut	01080205	Connecticut River	The Connecticut River is the longest river in the New England. The Connecticut River originates at the U.S. border with Quebec, Canada, and discharges at Long Island Sound and flows southward for 410 miles through four U.S. states. Its watershed encompasses five U.S. states and one Canadian province – 11,260 square miles– via 148 tributaries, 38 of which are major rivers. The Connecticut River produces about 70% of Long Island Sound's freshwater. The river as it enters Connecticut is regulated by 8 hydroelectric generation dams, by several lakes and reservoirs. Flooding along the main stem has been greatly reduced by reservoirs that control runoff from 20 percent of the basin. Flood dikes were built in 1940 to protect Hartford and East Hartford from floods, such as the March 1936 flood. Flooding of small uncontrolled streams and the Connecticut and Farmington River is expected to continue. One such flood occurred in 1984 (the 3rd largest flood ever recorded).	1085
Westfield	01080206	Westfield River	The Westfield River is a major tributary of the Connecticut River. The Westfield River is 78.1 miles long and has a drainage area of 517 mi ² . The river has three major tributaries-- Middle Branch, West Branch, and North Branch. It originates in the Berkshire Hills of Massachusetts, and flows southeastwardly to join the Connecticut River in Agawam, Massachusetts. The USACE operate 2 large flood-control dams in the Westfield River Basin, both are located in Huntington, Massachusetts.	517
Farmington	01080207	Farmington River	The Farmington River is a 46.7-mile-long river located in northwest Connecticut, with major tributaries extending into Massachusetts. The Farmington River's watershed is 609 square miles. Its two main branches start in southwestern Massachusetts and converge in New Hartford, Connecticut. The upper reaches of the river flow mostly southward, but the river turns northward in Farmington, Connecticut and continues to it's confluence with the Connecticut River, flowing in a mostly northern and easterly direction. In both October 2005 and May 2006, heavy rains deluged the Farmington River Valley. The Farmington River rose to flood numerous forests and fields near the Towns of Simsbury and East Granby.	609

Table 10: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Cattle Lot Brook	At confluence with Dickinson Creek	1.99	*	*	*	360	*
Cherry Brook	At confluence with Farmington River	14	1,340	*	2,820	3,740	8,000
Cherry Brook	Above Barbour Brook	10.8	1,040	*	2,160	2,880	6,170
Cherry Brook	Above West Road	8.23	790	*	1,650	2,200	4,700
Chidsey Brook	At confluence with Thompson Brook	2.16	180	*	360	460	740
Chidsey Brook	Upstream of Scoville Road	1.48	120	*	240	310	500
Chidsey Brook	Downstream of West Avon Road	1.18	100	*	190	250	400
Chidsey Brook	Upstream of West Avon Road	0.77	65	*	130	170	270
Connecticut River	At confluence of Roaring Brook	10,715.00	141,000	*	186,000	206,000	256,000
Connecticut River	At confluence of Salmon Brook	10,678.00	140,000	*	185,000	205,000	254,000
Connecticut River	At confluence of the Park River and Hockanum River	10,647.00	139,000	*	183,000	202,000	248,000
Connecticut River	Approximately 980 feet upstream of the confluence of Meadow Brook	10,465.00	138,000	*	181,000	200,000	243,000
Connecticut River	At confluence of Farmington River	10,458.00	140,000	*	181,000	200,000	243,000
Connecticut River	At confluence of Scantic River	9,846.00	140,000	*	180,000	198,000	240,000
Connecticut River	At Connecticut/Massachusetts State line	9,603.00	140,000	*	180,000	198,000	239,000
Copper Mine Brook	At confluence with Pequabuck River	18.6	2,140	*	3,630	4,340	7,000

*Not calculated for this Flood Risk Project

Table 13: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Downstream Limit	Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Cemetery Brook	Confluence with South Branch Park River	Approximately 550 feet upstream of Sherbrooke Avenue	N/A	N/A	June, 2011	AE	
Cherry Brook	Confluence with Farmington River	Approximately 1,580 feet upstream of State Route 179	USGS Floodflow Formulas (Weiss, 1975)	Step-backwater computer program, E431 and J635 for areas with critical flow, (Shearman, 1976)	May, 1988	AE	
Chidsey Brook	Confluence with Big Brook	Country Club Road	USGS Floodflow Formulas (Weiss, 1975)	Step-backwater computer program, E431 and J635 for areas with critical flow, (Shearman, 1976)	June, 1984	AE	
Connecticut River	County limits	County limits	LP III analysis of Connecticut River gages at Hartford and at Thompsonville (Ahearn, 2005)	HEC-RAS (USACE, 2005)	September, 2008	AE	
Copper Mine Brook	Confluence with Pequabuck River	Corporate limits with Burlington	USGS Floodflow Formulas (Weiss, 1975)	HEC-2 (USACE, 1973)	March, 1978	AE	
Creamery Brook	Confluence with Sheldens Brook	Approximately 1 mile upstream of Hillcrest Drive	USGS Regional Regression Equations (Weiss, 1983)	WSPRO (Shearman, 1990)	March, 1995	AE	

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	195,394	1,600	45,652	4.5	25.6	25.6	26.6	1.0
B	198,335	1,240	40,793	5.1	25.9	25.9	26.8	0.9
C	199,472	1,103	38,857	5.3	26.0	26.0	26.9	0.9
D	200,986	1,690	48,811	4.2	26.3	26.3	27.2	0.9
E	203,475	1,950	49,249	4.2	26.4	26.4	27.3	0.9
F	206,225	2,230	57,041	3.6	26.9	26.9	27.7	0.8
G	213,291	6,200	125,673	1.6	27.4	27.4	28.2	0.8
H	216,866	7,000	132,504	1.6	27.5	27.5	28.4	0.9
I	223,860	8,200	164,330	1.3	27.6	27.6	28.5	0.9
J	231,140	7,415	162,289	1.3	27.7	27.7	28.7	1.0
K	239,116	5,460	116,483	2.3	27.8	27.8	28.8	1.0
L	241,034	5,519	131,446	2.0	28.4	28.4	29.3	0.9
M	245,844	5,222 ²	125,561	1.6	28.4	28.4	29.4	1.0
N	250,930	1,182 ²	39,553	5.1	28.5	28.5	29.4	0.9
O	255,927	1,244 ²	44,790	4.5	29.0	29.0	29.9	0.9
P	257,503	1,303 ²	39,580	5.1	29.1	29.1	30.0	0.9
Q	260,007	1,006 ²	34,998	5.8	29.3	29.3	30.2	0.9
R	262,003	821 ²	30,188	6.6	29.5	29.5	30.3	0.8
S	262,580	860 ²	30,828	6.5	29.7	29.7	30.5	0.8
T	263,674	1,150 ²	47,429	4.2	30.3	30.3	31.1	0.8
U	264,191	1,490 ²	48,257	4.1	30.6	30.6	31.4	0.8
V	266,003	2,356 ²	61,575	3.4	30.8	30.8	31.6	0.8
W	266,798	1,951 ²	61,483	3.8	30.8	30.8	31.7	0.9
X	267,478	1,906 ²	47,404	4.2	30.8	30.8	31.7	0.9

¹Feet above Saybrook Breakwater Light

²Includes flood control structures

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY HARTFORD COUNTY, CONNECTICUT (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CONNECTICUT RIVER

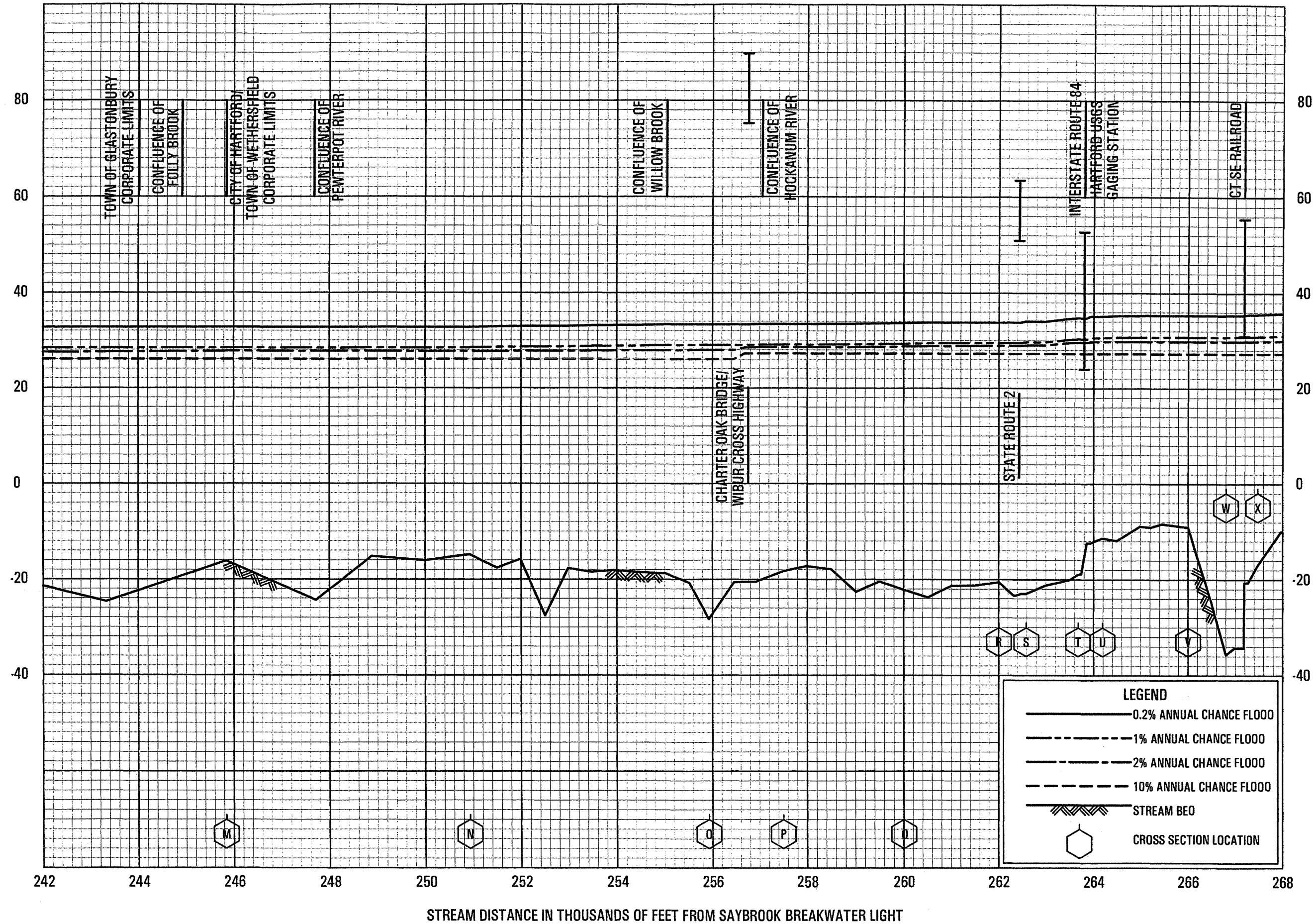
LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Y	271,465	2,444 ²	61,355	3.3	31.4	31.4	32.2	0.8
Z	276,987	2,313 ²	56,017	3.6	31.8	31.8	32.5	0.7
AA	281,000	1,800	53,207	3.8	31.9	31.9	32.8	0.9
AB	282,550	1,900	57,701	3.5	32.1	32.1	32.9	0.8
AC	288,987	4,050	86,844	2.3	32.7	32.7	33.5	0.8
AD	294,884	4,700	92,218	2.2	32.9	32.9	33.8	0.9
AE	298,932	5,800	98,465	2.0	33.0	33.0	34.0	1.0
AF	303,625	4,450	88,545	2.2	33.2	33.2	34.2	1.0
AG	307,502	3,250	69,092	2.9	33.4	33.4	34.4	1.0
AH	311,444	3,120	56,784	3.5	33.7	33.7	34.7	1.0
AI	312,948	1,751	52,911	3.7	33.9	33.9	34.8	0.9
AJ	316,517	1,537	49,018	4.0	34.1	34.1	35.1	1.0
AK	320,470	1,360	43,484	4.6	34.4	34.4	35.4	1.0
AL	321,759	1,183	37,007	5.4	34.5	34.5	35.5	1.0
AM	325,324	1,174	34,418	5.8	35.1	35.1	36.0	0.9
AN	326,003	1,097	33,537	5.9	35.2	35.2	36.2	1.0
AO	328,850	1,366	37,877	5.2	35.8	35.8	36.8	1.0
AP	331,161	1,333	31,214	6.3	36.1	36.1	37.0	0.9
AQ	332,396	1,269	26,908	7.4	36.7	36.7	37.6	0.9
AR	334,471	2,486	31,296	6.3	37.7	37.7	38.4	0.7
AS	337,216	2,919	25,264	7.8	39.1	39.1	39.7	0.6
AT	339,006	1,355	21,889	9.1	40.2	40.2	40.7	0.5
AU	340,500	854	18,812	10.5	41.0	41.0	41.5	0.5
AV	343,496	859	16,102	12.3	43.7	43.7	44.0	0.3

¹Feet above Saybrook Breakwater Light

²Includes flood control structures

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY HARTFORD COUNTY, CONNECTICUT (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CONNECTICUT RIVER

ELEVATION IN FEET (NAVD 88)



FLOOD PROFILES

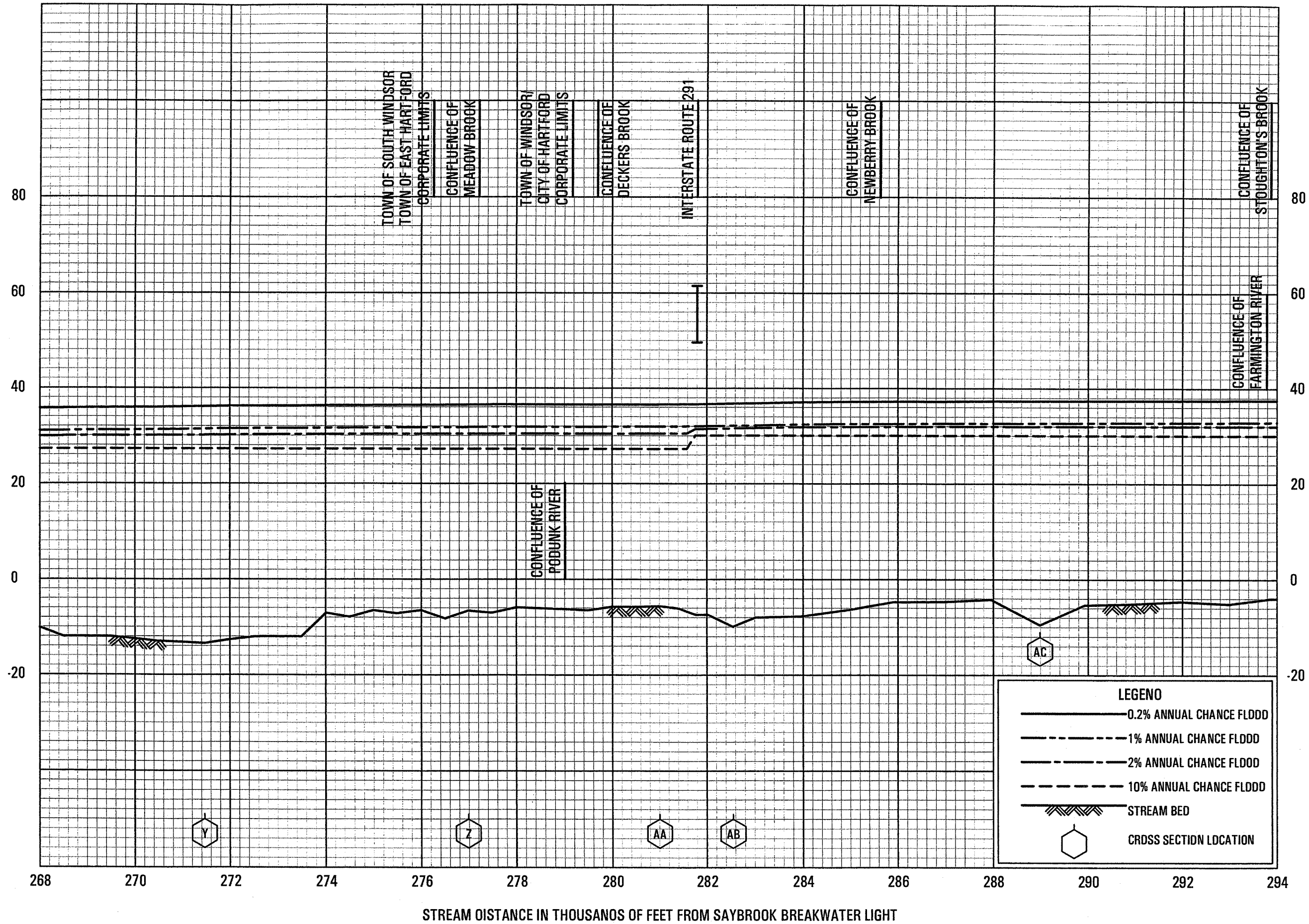
CONNECTICUT RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARTFORD COUNTY, CT

(ALL JURISDICTIONS)

ELEVATION IN FEET (NAVD 88)



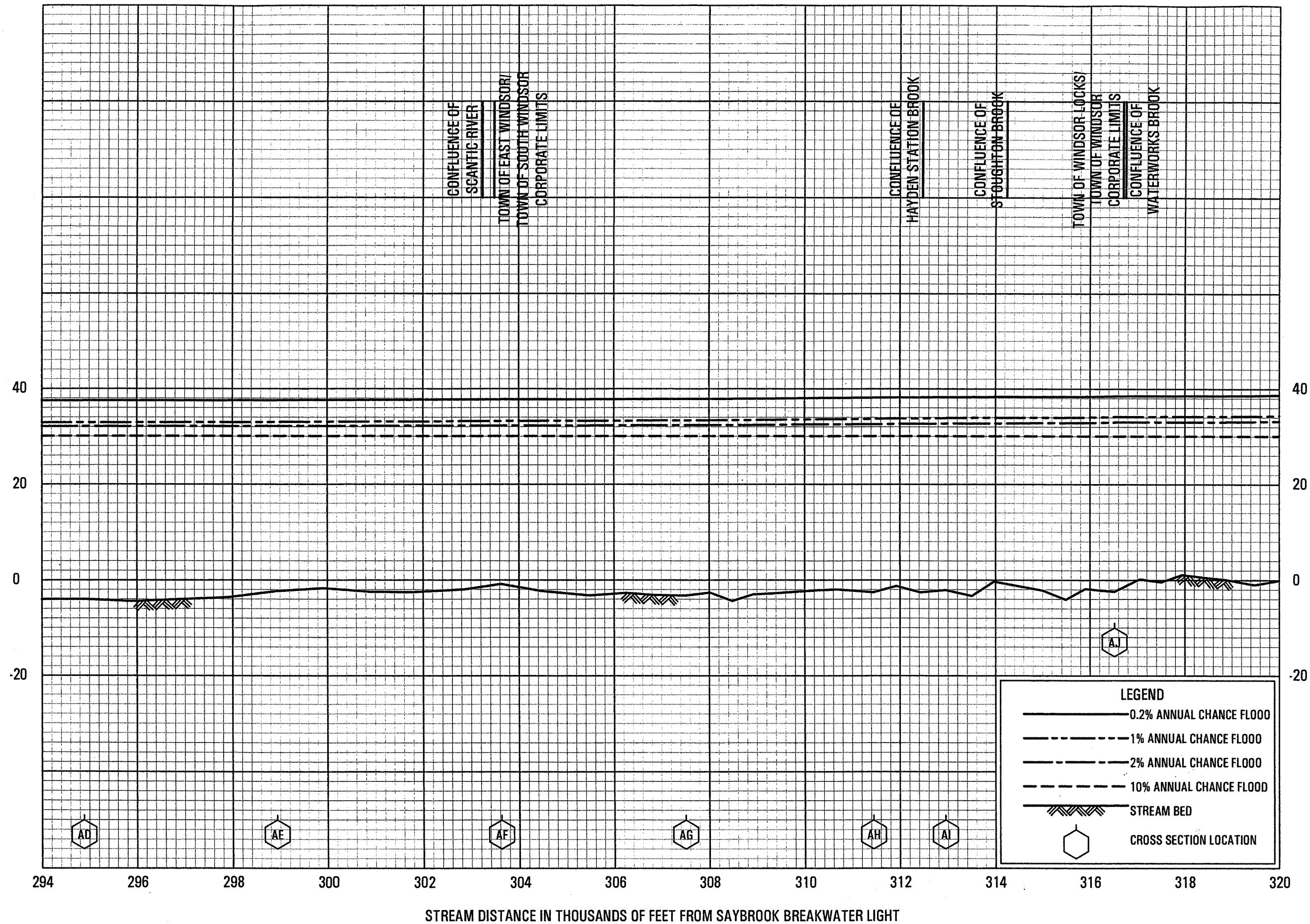
STREAM DISTANCE IN THOUSANDS OF FEET FROM SAYBROOK BREAKWATER LIGHT

FEDERAL EMERGENCY MANAGEMENT AGENCY
HARTFORD COUNTY, CT
(ALL JURISDICTIONS)

FLOOD PROFILES

CONNECTICUT RIVER

ELEVATION IN FEET (NAVD 88)



FLOOD PROFILES

CONNECTICUT RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARTFORD COUNTY, CT

(ALL JURISDICTIONS)

Appendix B

Existing vs. Proposed HEC-RAS Documentation – FEMA Floodplain

HEC-RAS River: Conn River Reach: Restudy Reach

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	364871	10-Year	Floodplain As Is	140000.00	26.11	52.77	37.96	52.99	0.000115	3.95	47929.68	5579.58	0.15
Restudy Reach	364871	50-Year	Floodplain As Is	180000.00	26.11	55.84	39.25	56.09	0.000112	4.28	59277.03	5682.21	0.16
Restudy Reach	364871	100-Year	Floodplain As Is	198000.00	26.11	57.14	39.76	57.41	0.000111	4.40	64079.84	5693.59	0.16
Restudy Reach	364871	500-Year	Floodplain As Is	239000.00	26.11	59.62	40.88	59.92	0.000113	4.73	73268.59	5710.65	0.16
Restudy Reach	364430	10-Year	Floodplain As Is	140000.00	26.39	52.73	37.76	52.94	0.000106	3.90	47320.49	5570.38	0.15
Restudy Reach	364430	50-Year	Floodplain As Is	180000.00	26.39	55.80	39.03	56.04	0.000106	4.25	57744.61	5611.15	0.15
Restudy Reach	364430	100-Year	Floodplain As Is	198000.00	26.39	57.10	39.55	57.36	0.000105	4.39	62161.38	5633.62	0.15
Restudy Reach	364430	500-Year	Floodplain As Is	239000.00	26.39	59.57	40.68	59.87	0.000106	4.74	70608.38	5646.79	0.16
Restudy Reach	363985	10-Year	Floodplain As Is	140000.00	26.66	52.64	37.23	52.89	0.000123	4.20	42020.99	5287.61	0.16
Restudy Reach	363985	50-Year	Floodplain As Is	180000.00	26.66	55.70	38.65	55.99	0.000123	4.60	50733.38	5455.73	0.16
Restudy Reach	363985	100-Year	Floodplain As Is	198000.00	26.66	57.00	39.26	57.30	0.000123	4.76	54423.21	5500.82	0.17
Restudy Reach	363985	500-Year	Floodplain As Is	239000.00	26.66	59.46	40.56	59.81	0.000128	5.16	61461.42	5511.85	0.17
Restudy Reach	363488	10-Year	Floodplain As Is	140000.00	25.30	52.50	36.24	52.82	0.000139	4.70	35601.72	2068.70	0.17
Restudy Reach	363488	50-Year	Floodplain As Is	180000.00	25.30	55.52	37.76	55.91	0.000147	5.25	41876.44	2084.77	0.18
Restudy Reach	363488	100-Year	Floodplain As Is	198000.00	25.30	56.80	38.41	57.22	0.000150	5.47	44546.47	2152.05	0.19
Restudy Reach	363488	500-Year	Floodplain As Is	239000.00	25.30	59.22	39.80	59.73	0.000161	6.00	49633.73	2415.09	0.19
Restudy Reach	362495	10-Year	Floodplain As Is	140000.00	25.49	52.32	35.84	52.67	0.000150	4.91	30825.90	1638.41	0.18
Restudy Reach	362495	50-Year	Floodplain As Is	180000.00	25.49	55.33	37.48	55.76	0.000159	5.48	35765.47	2031.08	0.19
Restudy Reach	362495	100-Year	Floodplain As Is	198000.00	25.49	56.60	38.18	57.06	0.000162	5.71	37866.93	2228.71	0.19
Restudy Reach	362495	500-Year	Floodplain As Is	239000.00	25.49	59.00	39.66	59.56	0.000175	6.26	41863.71	2528.86	0.20
Restudy Reach	361987	10-Year	Floodplain As Is	140000.00	24.27	52.27	35.06	52.60	0.000110	4.43	30704.28	1670.22	0.16
Restudy Reach	361987	50-Year	Floodplain As Is	180000.00	24.27	55.27	36.66	55.68	0.000117	4.91	35474.73	2295.74	0.16
Restudy Reach	361987	100-Year	Floodplain As Is	198000.00	24.27	56.54	37.33	56.99	0.000119	5.11	37523.91	2445.59	0.17
Restudy Reach	361987	500-Year	Floodplain As Is	239000.00	24.27	58.94	38.79	59.48	0.000127	5.58	41471.51	2808.10	0.17
Restudy Reach	361744	10-Year	Floodplain As Is	140000.00	23.55	52.21	34.94	52.57	0.000137	4.98	30607.27	1524.02	0.17
Restudy Reach	361744	50-Year	Floodplain As Is	180000.00	23.55	55.19	36.58	55.65	0.000151	5.62	35223.70	1898.21	0.19
Restudy Reach	361744	100-Year	Floodplain As Is	198000.00	23.55	56.46	37.27	56.95	0.000156	5.88	37234.80	2190.94	0.19
Restudy Reach	361744	500-Year	Floodplain As Is	239000.00	23.55	58.84	38.75	59.44	0.000171	6.49	41074.45	2845.81	0.20
Restudy Reach	361490	10-Year	Floodplain As Is	140000.00	23.02	52.13	34.83	52.53	0.000149	5.17	29406.09	1539.84	0.18
Restudy Reach	361490	50-Year	Floodplain As Is	180000.00	23.02	55.10	36.50	55.60	0.000164	5.85	34001.51	1995.19	0.19
Restudy Reach	361490	100-Year	Floodplain As Is	198000.00	23.02	56.36	37.20	56.91	0.000169	6.12	35962.36	1699.04	0.20
Restudy Reach	361490	500-Year	Floodplain As Is	239000.00	23.02	58.73	38.73	59.38	0.000186	6.75	39669.15	2243.42	0.21
Restudy Reach	361247	10-Year	Floodplain As Is	140000.00	22.02	52.11	34.68	52.49	0.000147	5.06	29886.80	1504.79	0.18
Restudy Reach	361247	50-Year	Floodplain As Is	180000.00	22.02	55.09	36.38	55.56	0.000161	5.70	34392.70	1766.20	0.19
Restudy Reach	361247	100-Year	Floodplain As Is	198000.00	22.02	56.34	37.13	56.86	0.000165	5.96	36323.69	2001.63	0.20
Restudy Reach	361247	500-Year	Floodplain As Is	239000.00	22.02	58.71	38.68	59.33	0.000181	6.57	40068.80	2329.15	0.21
Restudy Reach	361008	10-Year	Floodplain As Is	140000.00	20.63	52.11	34.75	52.44	0.000131	4.77	31217.48	1678.31	0.17
Restudy Reach	361008	50-Year	Floodplain As Is	180000.00	20.63	55.08	36.49	55.50	0.000143	5.39	35839.24	2106.26	0.18
Restudy Reach	361008	100-Year	Floodplain As Is	198000.00	20.63	56.34	37.17	56.80	0.000147	5.64	37834.96	2241.82	0.19
Restudy Reach	361008	500-Year	Floodplain As Is	239000.00	20.63	58.71	38.65	59.27	0.000162	6.22	41664.25	2452.86	0.20
Restudy Reach	360705	10-Year	Floodplain As Is	140000.00	22.22	52.02	35.46	52.39	0.000158	5.06	29466.13	1959.71	0.18
Restudy Reach	360705	50-Year	Floodplain As Is	180000.00	22.22	54.98	37.18	55.45	0.000169	5.68	34124.27	2216.44	0.20
Restudy Reach	360705	100-Year	Floodplain As Is	198000.00	22.22	56.24	37.90	56.75	0.000173	5.93	36168.78	2389.88	0.20
Restudy Reach	360705	500-Year	Floodplain As Is	239000.00	22.22	58.60	39.44	59.21	0.000188	6.52	40166.32	2459.85	0.21
Restudy Reach	360497	10-Year	Floodplain As Is	140000.00	21.79	51.98	35.75	52.36	0.000153	5.06	29472.54	2008.83	0.18
Restudy Reach	360497	50-Year	Floodplain As Is	180000.00	21.79	54.95	37.43	55.42	0.000165	5.68	34174.41	2163.72	0.19
Restudy Reach	360497	100-Year	Floodplain As Is	198000.00	21.79	56.21	38.14	56.71	0.000169	5.93	36209.90	2227.92	0.20
Restudy Reach	360497	500-Year	Floodplain As Is	239000.00	21.79	58.56	39.65	59.17	0.000184	6.52	40060.78	2253.82	0.21
Restudy Reach	359999	10-Year	Floodplain As Is	140000.00	21.55	51.90	36.42	52.28	0.000169	5.04	30270.58	1771.37	0.19
Restudy Reach	359999	50-Year	Floodplain As Is	180000.00	21.55	54.86	38.15	55.33	0.000179	5.63	35614.90	1835.84	0.20
Restudy Reach	359999	100-Year	Floodplain As Is	198000.00	21.55	56.12	38.82	56.63	0.000181	5.87	37995.94	1951.31	0.20
Restudy Reach	359999	500-Year	Floodplain As Is	239000.00	21.55	58.47	40.40	59.08	0.000194	6.43	42334.61	1900.45	0.21
Restudy Reach	358992	10-Year	Floodplain As Is	140000.00	23.73	51.78	35.99	52.11	0.000144	4.60	31671.83	1764.86	0.17
Restudy Reach	358992	50-Year	Floodplain As Is	180000.00	23.73	54.73	37.42	55.15	0.000154	5.18	36952.30	1846.34	0.18
Restudy Reach	358992	100-Year	Floodplain As Is	198000.00	23.73	55.99	38.00	56.44	0.000157	5.41	39344.20	1968.63	0.19
Restudy Reach	358992	500-Year	Floodplain As Is	239000.00	23.73	58.33	39.26	58.88	0.000171	5.97	44103.32	2070.30	0.20
Restudy Reach	358492	10-Year	Floodplain As Is	140000.00	25.16	51.67		52.03	0.000166	4.79	29790.27	1713.36	0.19
Restudy Reach	358492	50-Year	Floodplain As Is	180000.00	25.16	54.62		55.06	0.000175	5.38	34874.67	2214.15	0.20
Restudy Reach	358492	100-Year	Floodplain As Is	198000.00	25.16	55.87		56.35	0.000177	5.61	37136.00	2496.36	0.20
Restudy Reach	358492	500-Year	Floodplain As Is	239000.00	25.16	58.20		58.78	0.000190	6.17	41514.36	2657.76	0.21
Restudy Reach	358003	10-Year	Floodplain As Is	140000.00	25.43	51.58	36.03	51.95	0.000158	4.87	28838.91	1573.30	0.18
Restudy Reach	358003	50-Year	Floodplain As Is	180000.00	25.43	54.50	37.44	54.98	0.000173	5.51	33060.93	1792.58	0.20
Restudy Reach	358003	100-Year	Floodplain As Is	198000.00	25.43	55.75	38.06	56.26	0.000179	5.77	34935.93	2060.60	0.20
Restudy Reach	358003	500-Year	Floodplain As Is	239000.00	25.43	58.05	39.37	58.68	0.000196	6.38	38768.20	2359.22	0.21
Restudy Reach	357383	10-Year	Floodplain As Is	140000.00	24.61	51.43	36.14	51.84	0.000174	5.13	27423.08	2248.55	0.19
Restudy Reach	357383	50-Year	Floodplain As Is	180000.00	24.61	54.37	37.61	54.86	0.000182	5.70	34680.25	2305.03	0.20
Restudy Reach	357383	100-Year	Floodplain As Is	198000.00	24.61	55.61	38.23	56.15	0.000187	5.96	36648.38	2327.86	0.21
Restudy Reach	357383	500-Year	Floodplain As Is	239000.00	24.61	57.90	39.55	58.56	0.000205	6.60	40315.27	2378.56	0.22
Restudy Reach	357010	10-Year	Floodplain As Is	140000.00	23.02	51.36	36.07	51.77	0.000185	5.17	27132.91	1917.50	0.20
Restudy Reach	357010	50-Year	Floodplain As Is	180000.00	23.02	54.26	37.63	54.79	0.000198	5.85	31303.59	2114.66	0.21
Restudy Reach	357010	100-Year	Floodplain As Is	198000.00	23.02	55.49	38.29	56.07	0.000204	6.11	33142.36	2143.87	0.21
Restudy Reach	357010	500-Year	Floodplain As Is	239000.00	23.02	57.76	39.63	58.47	0.000222	6.76	36559.27	2194.70	0.23
Restudy Reach	356522	10-Year	Floodplain As Is	140000.00	27.76	51.12	37.27	51.65	0.000257	5.85	23969.14	1203.68	0.23
Restudy Reach	356522	50-Year	Floodplain As Is	180000.00	27.76	53.99	38.94	54.66	0.000272	6.58	27653.54	1321.98	0.24
Restudy Reach	356522	100-Year	Floodplain As Is	198000.00	27.76	55.21	39.65	55.94	0.000277	6.87	29281.22	1343.60	0.25
Restudy Reach	356522	500-Year	Floodplain As Is	239000.00	27.76	57.44	41.15	58.33	0.000300	7.58	32324.59	1537.06	0.26
Restudy Reach	355957	10-Year	Floodplain As Is	140000.00	26.00	51.05	37.21	51.50	0.000209	5.35	26337.42	1309.77	0.21
Restudy Reach	355957	50-Year	Floodplain As Is	180000.00	26.00	53.93	38.65	54.49	0.000224	6.02	30131.50	1331.00	0.22
Restudy Reach	355957	100-Year	Floodplain As Is	198000.00	26.00	55.15	39.24	55.76	0.000228	6.29	31764.61	1359.24	0.22
Restudy Reach	355957	500-Year	Floodplain As Is	239000.00	26.00	57.38	40.51	58.13	0.000248	6.96	34784.28	1418.54	0.24
Restudy Reach	355504	10-Year	Floodplain As Is	140000.00	26.								

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	354997	10-Year	Floodplain As Is	140000.00	26.70	50.54	40.87	51.21	0.000431	6.57	21292.86	1311.33	0.29
Restudy Reach	354997	50-Year	Floodplain As Is	180000.00	26.70	53.39	42.26	54.20	0.000424	7.18	25073.93	1337.79	0.29
Restudy Reach	354997	100-Year	Floodplain As Is	198000.00	26.70	54.61	42.85	55.46	0.000421	7.41	26707.47	1349.06	0.29
Restudy Reach	354997	500-Year	Floodplain As Is	239000.00	26.70	56.80	44.11	57.81	0.000433	8.06	29687.30	1369.95	0.30
Restudy Reach	354512	10-Year	Floodplain As Is	140000.00	25.43	50.29	39.83	51.00	0.000406	6.76	20713.55	1169.62	0.28
Restudy Reach	354512	50-Year	Floodplain As Is	180000.00	25.43	53.11	41.30	53.98	0.000417	7.49	24029.92	1184.80	0.29
Restudy Reach	354512	100-Year	Floodplain As Is	198000.00	25.43	54.31	41.92	55.25	0.000419	7.78	25455.14	1191.27	0.30
Restudy Reach	354512	500-Year	Floodplain As Is	239000.00	25.43	56.45	43.26	57.59	0.000444	8.53	28024.36	1208.08	0.31
Restudy Reach	353949	10-Year	Floodplain As Is	140000.00	22.06	50.08	37.76	50.79	0.000357	6.75	20747.42	1079.63	0.27
Restudy Reach	353949	50-Year	Floodplain As Is	180000.00	22.06	52.86	39.42	53.76	0.000379	7.60	23791.78	1110.52	0.28
Restudy Reach	353949	100-Year	Floodplain As Is	198000.00	22.06	54.04	40.13	55.02	0.000385	7.93	25113.56	1123.71	0.29
Restudy Reach	353949	500-Year	Floodplain As Is	239000.00	22.06	56.14	41.67	57.33	0.000422	8.78	27490.27	1148.22	0.31
Restudy Reach	353485	10-Year	Floodplain As Is	140000.00	22.57	49.94		50.63	0.000301	6.69	21407.99	1061.20	0.25
Restudy Reach	353485	50-Year	Floodplain As Is	180000.00	22.57	52.69		53.59	0.000333	7.62	24351.96	1076.71	0.27
Restudy Reach	353485	100-Year	Floodplain As Is	198000.00	22.57	53.86		54.85	0.000345	8.00	25613.58	1083.29	0.28
Restudy Reach	353485	500-Year	Floodplain As Is	239000.00	22.57	55.91		57.14	0.000388	8.93	27848.05	1100.57	0.30
Restudy Reach	353253	10-Year	Floodplain As Is	140000.00	22.10	49.93	35.72	50.55	0.000262	6.30	22433.31	1060.75	0.24
Restudy Reach	353253	50-Year	Floodplain As Is	180000.00	22.10	52.69	37.48	53.49	0.000293	7.20	25383.31	1077.32	0.25
Restudy Reach	353253	100-Year	Floodplain As Is	198000.00	22.10	53.86	38.22	54.75	0.000303	7.56	26648.88	1084.35	0.26
Restudy Reach	353253	500-Year	Floodplain As Is	239000.00	22.10	55.91	39.73	57.02	0.000343	8.45	28890.03	1096.69	0.28
Restudy Reach	353019	10-Year	Floodplain As Is	140000.00	20.59	49.91	34.44	50.47	0.000237	6.04	23169.74	1033.78	0.22
Restudy Reach	353019	50-Year	Floodplain As Is	180000.00	20.59	52.67	36.29	53.41	0.000266	6.92	26046.15	1051.31	0.24
Restudy Reach	353019	100-Year	Floodplain As Is	198000.00	20.59	53.84	37.12	54.66	0.000277	7.28	27282.77	1060.48	0.25
Restudy Reach	353019	500-Year	Floodplain As Is	239000.00	20.59	55.89	38.78	56.92	0.000314	8.15	29476.81	1075.30	0.27
Restudy Reach	352703	10-Year	Floodplain As Is	140000.00	18.94	49.84		50.40	0.000237	6.00	23367.04	1047.86	0.22
Restudy Reach	352703	50-Year	Floodplain As Is	180000.00	18.94	52.59		53.32	0.000267	6.87	26268.21	1060.59	0.24
Restudy Reach	352703	100-Year	Floodplain As Is	198000.00	18.94	53.76		54.57	0.000278	7.22	27510.76	1066.00	0.25
Restudy Reach	352703	500-Year	Floodplain As Is	239000.00	18.94	55.80		56.82	0.000316	8.09	29699.66	1075.60	0.27
Restudy Reach	352688	10-Year	Floodplain As Is	140000.00	18.81	49.83		50.39	0.000238	6.00	23371.37	1047.62	0.22
Restudy Reach	352688	50-Year	Floodplain As Is	180000.00	18.81	52.59		53.32	0.000268	6.87	26271.30	1060.25	0.24
Restudy Reach	352688	100-Year	Floodplain As Is	198000.00	18.81	53.75		54.56	0.000279	7.22	27513.25	1065.62	0.25
Restudy Reach	352688	500-Year	Floodplain As Is	239000.00	18.81	55.80		56.81	0.000317	8.09	29700.59	1075.00	0.27
Restudy Reach	352676	10-Year	Floodplain As Is	140000.00	18.70	49.83		50.39	0.000242	6.01	23296.14	1048.56	0.22
Restudy Reach	352676	50-Year	Floodplain As Is	180000.00	18.70	52.58		53.31	0.000272	6.89	26198.93	1062.23	0.24
Restudy Reach	352676	100-Year	Floodplain As Is	198000.00	18.70	53.75		54.56	0.000283	7.24	27443.04	1068.04	0.25
Restudy Reach	352676	500-Year	Floodplain As Is	239000.00	18.70	55.79		56.81	0.000322	8.11	29634.73	1078.38	0.27
Restudy Reach	352209	10-Year	Floodplain As Is	140000.00	22.20	49.70		50.27	0.000240	6.11	23396.65	1161.37	0.23
Restudy Reach	352209	50-Year	Floodplain As Is	180000.00	22.20	52.43		53.19	0.000271	7.00	26612.14	1192.58	0.24
Restudy Reach	352209	100-Year	Floodplain As Is	198000.00	22.20	53.59		54.43	0.000282	7.35	28005.90	1206.34	0.25
Restudy Reach	352209	500-Year	Floodplain As Is	239000.00	22.20	55.61		56.66	0.000321	8.24	30471.25	1246.18	0.27
Restudy Reach	351952	10-Year	Floodplain As Is	140000.00	21.98	49.64	33.97	50.21	0.000228	6.07	23654.59	1207.67	0.22
Restudy Reach	351952	50-Year	Floodplain As Is	180000.00	21.98	52.37	35.72	53.11	0.000258	6.95	26988.43	1236.37	0.24
Restudy Reach	351952	100-Year	Floodplain As Is	198000.00	21.98	53.53	36.47	54.35	0.000269	7.30	28431.00	1247.79	0.25
Restudy Reach	351952	500-Year	Floodplain As Is	239000.00	21.98	55.55	38.04	56.57	0.000306	8.17	31032.51	1345.34	0.27
Restudy Reach	351739	10-Year	Floodplain As Is	140000.00	23.26	49.48	35.43	50.15	0.000311	6.56	21657.85	1169.99	0.25
Restudy Reach	351739	50-Year	Floodplain As Is	180000.00	23.26	52.19	37.32	53.04	0.000337	7.41	24871.09	1200.10	0.27
Restudy Reach	351739	100-Year	Floodplain As Is	198000.00	23.26	53.35	38.10	54.28	0.000346	7.75	26262.04	1216.55	0.28
Restudy Reach	351739	500-Year	Floodplain As Is	239000.00	23.26	55.35	39.74	56.48	0.000385	8.62	28680.64	1245.12	0.30
Restudy Reach	351482	10-Year	Floodplain As Is	140000.00	23.17	49.54	34.81	50.02	0.000214	5.59	26910.52	1596.58	0.21
Restudy Reach	351482	50-Year	Floodplain As Is	180000.00	23.17	52.29	36.42	52.90	0.000234	6.33	31344.06	1631.98	0.23
Restudy Reach	351482	100-Year	Floodplain As Is	198000.00	23.17	53.46	37.09	54.12	0.000241	6.62	33259.85	1643.75	0.23
Restudy Reach	351482	500-Year	Floodplain As Is	239000.00	23.17	55.48	38.61	56.31	0.000269	7.36	36610.62	1663.32	0.25
Restudy Reach	351057	10-Year	Floodplain As Is	140000.00	27.06	49.36		49.91	0.000289	5.97	23758.58	1354.60	0.24
Restudy Reach	351057	50-Year	Floodplain As Is	180000.00	27.06	52.08		52.78	0.000304	6.70	27495.01	1389.38	0.25
Restudy Reach	351057	100-Year	Floodplain As Is	198000.00	27.06	53.24		54.00	0.000309	6.99	29114.23	1396.42	0.26
Restudy Reach	351057	500-Year	Floodplain As Is	239000.00	27.06	55.24		56.17	0.000339	7.75	31914.67	1408.41	0.27
Restudy Reach	350533	10-Year	Floodplain As Is	140000.00	26.49	49.19		49.75	0.000344	5.99	23389.66	1401.82	0.26
Restudy Reach	350533	50-Year	Floodplain As Is	180000.00	26.49	51.92		52.60	0.000347	6.61	27242.11	1416.77	0.27
Restudy Reach	350533	100-Year	Floodplain As Is	198000.00	26.49	53.09		53.82	0.000347	6.85	28900.08	1422.30	0.27
Restudy Reach	350533	500-Year	Floodplain As Is	239000.00	26.49	55.09		55.97	0.000370	7.53	31758.84	1454.79	0.28
Restudy Reach	350002	10-Year	Floodplain As Is	140000.00	26.84	48.84		49.53	0.000441	6.65	21102.25	1316.55	0.29
Restudy Reach	350002	50-Year	Floodplain As Is	180000.00	26.84	51.55		52.38	0.000436	7.32	24696.34	1355.43	0.30
Restudy Reach	350002	100-Year	Floodplain As Is	198000.00	26.84	52.71		53.60	0.000432	7.58	26268.58	1360.43	0.30
Restudy Reach	350002	500-Year	Floodplain As Is	239000.00	26.84	54.65		55.73	0.000462	8.34	28921.90	1368.82	0.31
Restudy Reach	349521	10-Year	Floodplain As Is	140000.00	25.54	48.46		49.28	0.000554	7.27	19304.76	1254.89	0.32
Restudy Reach	349521	50-Year	Floodplain As Is	180000.00	25.54	51.15		52.13	0.000539	7.97	22709.85	1276.48	0.33
Restudy Reach	349521	100-Year	Floodplain As Is	198000.00	25.54	52.30		53.35	0.000532	8.25	24184.56	1285.71	0.33
Restudy Reach	349521	500-Year	Floodplain As Is	239000.00	25.54	54.19		55.46	0.000568	9.07	26630.59	1300.89	0.35
Restudy Reach	349134	10-Year	Floodplain As Is	140000.00	24.30	48.01	39.51	49.02	0.000669	8.06	17363.26	1094.31	0.36
Restudy Reach	349134	50-Year	Floodplain As Is	180000.00	24.30	50.65	41.08	51.88	0.000673	8.88	20269.87	1108.91	0.37
Restudy Reach	349134	100-Year	Floodplain As Is	198000.00	24.30	51.78	41.80	53.10	0.000671	9.20	21527.83	1115.13	0.37
Restudy Reach	349134	500-Year	Floodplain As Is	239000.00	24.30	53.58	43.20	55.18	0.000735	10.15	23543.33	1125.03	0.39
Restudy Reach	349023		Bridge										
Restudy Reach	348943	10-Year	Floodplain As Is	140000.00	23.69	47.57		48.74	0.000837	8.66	16171.23	1082.64	0.39
Restudy Reach	348943	50-Year	Floodplain As Is	180000.00	23.69	50.18		51.57	0.000830	9.45	19039.34	1108.04	0.40
Restudy Reach	348943	100-Year	Floodplain As Is	198000.00	23.69	51.31		52.79	0.000818	9.76	20291.05	1114.35	0.40
Restudy Reach	348943	500-Year	Floodplain As Is	239000.00	23.69	53.03		54.83	0.000890	10.76	22221.39	1122.49	0.43
Restudy Reach	348760	10-Year	Floodplain As Is	140000.00	25.90	47.16		48.54	0.001098	9.43	14849.09	1074.71	0.45
Restudy Reach	348760	50-Year	Floodplain As Is	180000.00	25.90	49.77		51.38	0.001023	10.19	17677.04	1093.38	0.44
Restudy Reach	348760	100-Year	Floodplain As Is	198000.00	25.90	50.89		52.60	0.000992	10.49	18910.93	1101.55	0.44
Restudy Reach	348760	500-Year	Floodplain As Is	239000.00	25.90	52.55		54.63	0.001069	11.56	20746.92	1113.59	0.47
Restudy Reach	348696	10-Year	Floodplain As Is	140000.00	27.18	47.61	40.10	48.28	0.000539	6.56	21342.93	1563	

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	348492	10-Year	Floodplain As Is	140000.00	25.57	47.33	39.17	47.97	0.000476	6.43	21773.79	1670.24	0.30
Restudy Reach	348492	50-Year	Floodplain As Is	180000.00	25.57	49.99	40.37	50.75	0.000452	6.99	25757.80	1706.37	0.30
Restudy Reach	348492	100-Year	Floodplain As Is	198000.00	25.57	51.13	40.88	51.94	0.000443	7.21	27474.56	1716.13	0.30
Restudy Reach	348492	500-Year	Floodplain As Is	239000.00	25.57	53.03	41.98	53.84	0.000401	7.31	33268.11	1732.82	0.29
Restudy Reach	347645	10-Year	Floodplain As Is	140000.00	27.85	45.58	40.64	47.23	0.001382	10.31	13584.16	1227.83	0.50
Restudy Reach	347645	50-Year	Floodplain As Is	180000.00	27.85	48.10	42.18	50.03	0.001280	11.14	16182.91	1252.51	0.49
Restudy Reach	347645	100-Year	Floodplain As Is	198000.00	27.85	49.18	42.83	51.23	0.001242	11.47	17304.86	1257.47	0.49
Restudy Reach	347645	500-Year	Floodplain As Is	239000.00	27.85	51.50	44.23	53.28	0.000949	10.93	22602.54	1277.14	0.44
Restudy Reach	347490	10-Year	Floodplain As Is	140000.00	27.85	45.27	40.64	47.00	0.001496	10.56	13264.00	1215.32	0.52
Restudy Reach	347490	50-Year	Floodplain As Is	180000.00	27.85	47.82	42.18	49.82	0.001360	11.35	15890.69	1251.74	0.51
Restudy Reach	347490	100-Year	Floodplain As Is	198000.00	27.85	48.91	42.83	51.02	0.001311	11.66	17022.86	1255.96	0.50
Restudy Reach	347490	500-Year	Floodplain As Is	239000.00	27.85	51.31	44.23	53.13	0.000982	11.04	22361.90	1275.51	0.45
Restudy Reach	347004	10-Year	Floodplain As Is	140000.00	24.60	45.03	38.62	46.28	0.000958	8.98	15584.74	1398.70	0.42
Restudy Reach	347004	50-Year	Floodplain As Is	180000.00	24.60	47.65	40.11	49.13	0.000908	9.76	18448.59	1546.48	0.42
Restudy Reach	347004	100-Year	Floodplain As Is	198000.00	24.60	48.77	40.74	50.34	0.000888	10.07	19682.38	1586.39	0.42
Restudy Reach	347004	500-Year	Floodplain As Is	239000.00	24.60	51.19	42.11	52.62	0.000685	9.62	24940.78	1658.01	0.38
Restudy Reach	346485	10-Year	Floodplain As Is	140000.00	25.09	44.74	37.02	45.80	0.000714	8.22	17031.32	1368.26	0.37
Restudy Reach	346485	50-Year	Floodplain As Is	180000.00	25.09	47.38	38.51	48.65	0.000704	9.04	19925.39	1513.33	0.37
Restudy Reach	346485	100-Year	Floodplain As Is	198000.00	25.09	48.51	39.14	49.87	0.000699	9.36	21171.69	1552.05	0.38
Restudy Reach	346485	500-Year	Floodplain As Is	239000.00	25.09	50.98	40.51	52.24	0.000584	9.27	27253.94	1639.95	0.35
Restudy Reach	346045	10-Year	Floodplain As Is	140000.00	21.22	44.48	35.59	45.49	0.000614	8.08	17337.41	1223.42	0.35
Restudy Reach	346045	50-Year	Floodplain As Is	180000.00	21.22	47.10	37.17	48.35	0.000634	8.99	20017.42	1435.00	0.36
Restudy Reach	346045	100-Year	Floodplain As Is	198000.00	21.22	48.22	37.84	49.58	0.000638	9.35	21172.64	1475.84	0.36
Restudy Reach	346045	500-Year	Floodplain As Is	239000.00	21.22	50.66	39.30	51.98	0.000562	9.45	26867.26	1528.50	0.35
Restudy Reach	345487	10-Year	Floodplain As Is	140000.00	21.90	43.06	36.99	44.92	0.001366	10.92	12814.91	965.54	0.50
Restudy Reach	345487	50-Year	Floodplain As Is	180000.00	21.90	45.50	39.05	47.75	0.001370	12.03	14966.39	1083.37	0.52
Restudy Reach	345487	100-Year	Floodplain As Is	198000.00	21.90	46.56	39.86	48.97	0.001358	12.45	15906.37	1163.40	0.52
Restudy Reach	345487	500-Year	Floodplain As Is	239000.00	21.90	49.16	41.57	51.45	0.001133	12.38	20098.22	1267.27	0.48
Restudy Reach	344855	10-Year	Floodplain As Is	140000.00	19.80	42.54	35.82	44.07	0.001044	9.90	14138.78	1005.93	0.44
Restudy Reach	344855	50-Year	Floodplain As Is	180000.00	19.80	45.00	37.53	46.88	0.001069	10.98	16396.56	1102.93	0.46
Restudy Reach	344855	100-Year	Floodplain As Is	198000.00	19.80	46.08	38.25	48.09	0.001069	11.39	17390.53	1114.28	0.46
Restudy Reach	344855	500-Year	Floodplain As Is	239000.00	19.80	48.75	39.83	50.72	0.000905	11.41	21460.79	1157.98	0.44
Restudy Reach	344502	10-Year	Floodplain As Is	140000.00	19.88	41.91	36.09	43.64	0.001261	10.57	13247.60	959.87	0.48
Restudy Reach	344502	50-Year	Floodplain As Is	180000.00	19.88	44.32	37.80	46.44	0.001268	11.69	15403.86	984.91	0.50
Restudy Reach	344502	100-Year	Floodplain As Is	198000.00	19.88	45.38	38.52	47.66	0.001260	12.11	16354.66	995.93	0.50
Restudy Reach	344502	500-Year	Floodplain As Is	239000.00	19.88	48.02	40.09	50.33	0.001089	12.31	19662.00	1033.33	0.47
Restudy Reach	344001	10-Year	Floodplain As Is	140000.00	20.00	40.78	36.33	42.87	0.001748	11.58	12091.86	907.47	0.56
Restudy Reach	344001	50-Year	Floodplain As Is	180000.00	20.00	43.23	38.07	45.68	0.001656	12.58	14314.95	933.87	0.56
Restudy Reach	344001	100-Year	Floodplain As Is	198000.00	20.00	44.31	38.79	46.91	0.001614	12.94	15307.70	960.87	0.56
Restudy Reach	344001	500-Year	Floodplain As Is	239000.00	20.00	46.83	40.36	49.65	0.001468	13.51	17872.05	1036.85	0.54
Restudy Reach	343496	10-Year	Floodplain As Is	140000.00	19.99	40.17	34.52	42.03	0.001339	10.93	12808.90	893.63	0.50
Restudy Reach	343496	50-Year	Floodplain As Is	180000.00	19.99	42.61	36.28	44.88	0.001337	12.08	14923.40	927.77	0.51
Restudy Reach	343496	100-Year	Floodplain As Is	198000.00	19.99	43.70	37.02	46.12	0.001322	12.50	15871.22	933.68	0.51
Restudy Reach	343496	500-Year	Floodplain As Is	239000.00	19.99	46.32	38.64	48.92	0.001198	13.01	18615.32	946.65	0.50
Restudy Reach	342992	10-Year	Floodplain As Is	140000.00	19.84	39.62	33.54	41.35	0.001197	10.55	13278.11	925.88	0.47
Restudy Reach	342992	50-Year	Floodplain As Is	180000.00	19.84	42.07	36.28	44.19	0.001209	11.70	15413.37	941.11	0.49
Restudy Reach	342992	100-Year	Floodplain As Is	198000.00	19.84	43.16	36.02	45.45	0.001198	12.12	16377.18	947.95	0.49
Restudy Reach	342992	500-Year	Floodplain As Is	239000.00	19.84	45.87	37.62	48.29	0.001080	12.58	19483.18	964.81	0.48
Restudy Reach	342479	10-Year	Floodplain As Is	140000.00	19.97	39.13	32.86	40.71	0.001155	10.08	13899.83	991.35	0.46
Restudy Reach	342479	50-Year	Floodplain As Is	180000.00	19.97	41.62	34.59	43.53	0.001133	11.08	16257.66	1002.00	0.47
Restudy Reach	342479	100-Year	Floodplain As Is	198000.00	19.97	42.75	35.32	44.78	0.001110	11.44	17331.81	1006.81	0.47
Restudy Reach	342479	500-Year	Floodplain As Is	239000.00	19.97	45.51	36.90	47.69	0.000995	11.89	20353.57	1018.60	0.46
Restudy Reach	341998	10-Year	Floodplain As Is	140000.00	19.62	38.58	32.45	40.16	0.001127	10.07	13922.65	976.27	0.46
Restudy Reach	341998	50-Year	Floodplain As Is	180000.00	19.62	41.07	34.10	42.99	0.001117	11.11	16263.79	989.79	0.47
Restudy Reach	341998	100-Year	Floodplain As Is	198000.00	19.62	42.20	34.79	44.25	0.001096	11.47	17334.39	995.95	0.47
Restudy Reach	341998	500-Year	Floodplain As Is	239000.00	19.62	45.04	36.31	47.21	0.000972	11.87	20415.10	1011.58	0.45
Restudy Reach	341467	10-Year	Floodplain As Is	140000.00	16.58	38.11	30.65	39.57	0.000958	9.71	14418.20	922.21	0.43
Restudy Reach	341467	50-Year	Floodplain As Is	180000.00	16.58	40.59	32.46	42.39	0.000999	10.79	16687.34	960.33	0.45
Restudy Reach	341467	100-Year	Floodplain As Is	198000.00	16.58	41.73	33.23	43.67	0.000986	11.17	17752.06	966.33	0.45
Restudy Reach	341467	500-Year	Floodplain As Is	239000.00	16.58	44.60	34.89	46.70	0.000891	11.64	20689.23	982.68	0.44
Restudy Reach	340981	10-Year	Floodplain As Is	140000.00	11.32	37.95	28.23	39.10	0.000645	8.62	16242.04	954.20	0.36
Restudy Reach	340981	50-Year	Floodplain As Is	180000.00	11.32	40.42	30.19	41.89	0.000701	9.74	18482.37	1007.43	0.36
Restudy Reach	340981	100-Year	Floodplain As Is	198000.00	11.32	41.56	30.96	43.16	0.000706	10.14	19528.64	1022.51	0.39
Restudy Reach	340981	500-Year	Floodplain As Is	239000.00	11.32	44.50	32.61	46.22	0.000649	10.59	22930.79	1116.18	0.38
Restudy Reach	340500	10-Year	Floodplain As Is	140000.00	9.13	37.49	28.13	38.76	0.000699	9.06	15448.46	843.72	0.37
Restudy Reach	340500	50-Year	Floodplain As Is	180000.00	9.13	39.87	30.05	41.52	0.000777	10.31	17468.64	897.33	0.40
Restudy Reach	340500	100-Year	Floodplain As Is	198000.00	9.13	40.99	30.87	42.78	0.000791	10.75	18429.90	998.30	0.41
Restudy Reach	340500	500-Year	Floodplain As Is	239000.00	9.13	43.87	32.55	45.85	0.000747	11.35	21352.74	1247.24	0.40
Restudy Reach	339987	10-Year	Floodplain As Is	140000.00	5.66	37.25	26.76	38.38	0.000621	8.52	16478.50	1061.92	0.35
Restudy Reach	339987	50-Year	Floodplain As Is	180000.00	5.66	39.63	28.74	41.08	0.000687	9.68	18950.87	1147.69	0.38
Restudy Reach	339987	100-Year	Floodplain As Is	198000.00	5.66	40.83	29.56	42.32	0.000665	9.86	20810.89	1184.40	0.37
Restudy Reach	339987	500-Year	Floodplain As Is	239000.00	5.66	43.77	31.36	45.40	0.000616	10.33	24446.54	1315.50	0.37
Restudy Reach	339504	10-Year	Floodplain As Is	140000.00	13.81	36.90	29.77	38.03	0.000872	8.54	16462.26	1330.84	0.40
Restudy Reach	339504	50-Year	Floodplain As Is	180000.00	13.81	39.34	31.30	40.68	0.000841	9.31	19662.11	1462.97	0.40
Restudy Reach	339504	100-Year	Floodplain As Is	198000.00	13.81	40.54	32.02	41.94	0.000802	9.52	21304.35	1543.99	0.40
Restudy Reach	339504	500-Year	Floodplain As Is	239000.00	13.81	43.59	33.43	45.03	0.000673	9.70	26078.64	1675.30	0.38
Restudy Reach	339006	10-Year	Floodplain As Is	140000.00	18.28	36.35	31.22	37.53	0.001138	8.71	16150.24	1441.72	0.44
Restudy Reach	339006	50-Year	Floodplain As Is	180000.00	18.28	38.91	32.52	40.22	0.000989	9.21	19911.88	1509.11	0.43
Restudy Reach	339006	100-Year	Floodplain As Is	198000.00	18.28	40.16	33.07	41.50	0.000908	9.31	21849.39	1609.39	0.42
Restudy Reach	339006	500-Year	Floodplain As Is	239000.00	18.28	43.33	34.28	4					

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	337994	500-Year	Floodplain As Is	239000.00	18.71	43.11	33.18	43.98	0.000497	7.56	33344.43	2092.92	0.31
Restudy Reach	337644	10-Year	Floodplain As Is	140000.00	15.61	35.28		36.11	0.000830	7.32	19248.04	1768.03	0.38
Restudy Reach	337644	50-Year	Floodplain As Is	180000.00	15.61	38.17		39.03	0.000647	7.45	24842.38	2042.68	0.35
Restudy Reach	337644	100-Year	Floodplain As Is	198000.00	15.61	39.56		40.41	0.000571	7.43	27694.54	2063.44	0.33
Restudy Reach	337644	500-Year	Floodplain As Is	239000.00	15.61	43.00		43.80	0.000423	7.25	34875.60	2114.35	0.29
Restudy Reach	337216	10-Year	Floodplain As Is	140000.00	15.60	34.69	29.07	35.70	0.001009	8.07	17495.32	1662.93	0.42
Restudy Reach	337216	50-Year	Floodplain As Is	180000.00	15.60	37.67	30.44	38.70	0.000783	8.18	22515.99	1953.57	0.39
Restudy Reach	337216	100-Year	Floodplain As Is	198000.00	15.60	39.10	30.98	40.12	0.000692	8.13	25083.06	1995.89	0.37
Restudy Reach	337216	500-Year	Floodplain As Is	239000.00	15.60	42.69	32.22	43.59	0.000486	7.69	33027.56	2136.65	0.32
Restudy Reach	336736	10-Year	Floodplain As Is	140000.00	12.06	34.39	27.58	35.26	0.000705	7.50	19008.18	2006.21	0.36
Restudy Reach	336736	50-Year	Floodplain As Is	180000.00	12.06	37.51	28.94	38.32	0.000538	7.40	27791.06	2388.56	0.34
Restudy Reach	336736	100-Year	Floodplain As Is	198000.00	12.06	38.99	29.50	39.77	0.000481	7.29	31632.19	2551.99	0.33
Restudy Reach	336736	500-Year	Floodplain As Is	239000.00	12.06	42.63	30.68	43.33	0.000362	6.95	40909.77	2672.22	0.28
Restudy Reach	336182	10-Year	Floodplain As Is	140000.00	20.24	33.82	29.11	34.77	0.001095	7.97	19717.21	1952.40	0.43
Restudy Reach	336182	50-Year	Floodplain As Is	180000.00	20.24	37.05	30.31	37.96	0.000753	7.80	26171.47	2189.21	0.37
Restudy Reach	336182	100-Year	Floodplain As Is	198000.00	20.24	38.55	30.79	39.44	0.000652	7.74	29380.95	2252.88	0.35
Restudy Reach	336182	500-Year	Floodplain As Is	239000.00	20.24	42.32	31.83	43.09	0.000433	7.27	38365.07	2336.02	0.30
Restudy Reach	335747	10-Year	Floodplain As Is	140000.00	18.83	33.61	27.91	34.30	0.000728	6.68	20975.30	1894.04	0.35
Restudy Reach	335747	50-Year	Floodplain As Is	180000.00	18.83	36.94	28.95	37.61	0.000513	6.59	27341.98	2025.41	0.31
Restudy Reach	335747	100-Year	Floodplain As Is	198000.00	18.83	38.47	29.40	39.14	0.000446	6.54	30308.95	2058.54	0.29
Restudy Reach	335747	500-Year	Floodplain As Is	239000.00	18.83	42.28	30.36	42.88	0.000311	6.23	38754.97	2168.71	0.25
Restudy Reach	335176	10-Year	Floodplain As Is	140000.00	17.66	32.63		33.72	0.001275	8.38	16710.58	1620.04	0.46
Restudy Reach	335176	50-Year	Floodplain As Is	180000.00	17.66	36.24		37.22	0.000796	7.95	22630.20	1658.52	0.38
Restudy Reach	335176	100-Year	Floodplain As Is	198000.00	17.66	37.85		38.80	0.000672	7.82	25311.85	1675.34	0.35
Restudy Reach	335176	500-Year	Floodplain As Is	239000.00	17.66	41.77		42.64	0.000461	7.48	32121.70	1791.55	0.30
Restudy Reach	334471	10-Year	Floodplain As Is	140000.00	17.26	32.20		32.94	0.000743	6.91	20270.70	1747.33	0.36
Restudy Reach	334471	50-Year	Floodplain As Is	180000.00	17.26	36.01		36.70	0.000485	6.67	27001.52	1784.16	0.30
Restudy Reach	334471	100-Year	Floodplain As Is	198000.00	17.26	37.67		38.35	0.000419	6.62	29970.31	1800.08	0.28
Restudy Reach	334471	500-Year	Floodplain As Is	239000.00	17.26	41.66		42.31	0.000304	6.44	37319.73	1886.17	0.25
Restudy Reach	334038	10-Year	Floodplain As Is	140000.00	15.51	32.17		32.63	0.000394	5.41	25916.48	2046.38	0.27
Restudy Reach	334038	50-Year	Floodplain As Is	180000.00	15.51	36.03		36.47	0.000275	5.34	33969.32	2112.77	0.23
Restudy Reach	334038	100-Year	Floodplain As Is	198000.00	15.51	37.70		38.14	0.000242	5.33	37514.51	2135.13	0.22
Restudy Reach	334038	500-Year	Floodplain As Is	239000.00	15.51	41.72		42.14	0.000182	5.26	46202.77	2195.60	0.20
Restudy Reach	333524	10-Year	Floodplain As Is	140000.00	15.84	31.99		32.43	0.000351	5.30	26415.39	1934.98	0.25
Restudy Reach	333524	50-Year	Floodplain As Is	180000.00	15.84	35.90		36.33	0.000260	5.28	34108.21	2008.09	0.23
Restudy Reach	333524	100-Year	Floodplain As Is	198000.00	15.84	37.58		38.02	0.000233	5.28	37518.65	2043.50	0.22
Restudy Reach	333524	500-Year	Floodplain As Is	239000.00	15.84	41.63		42.05	0.000180	5.22	46230.78	2216.13	0.19
Restudy Reach	332985	10-Year	Floodplain As Is	140000.00	13.46	31.62		32.21	0.000430	6.16	22736.02	1540.97	0.28
Restudy Reach	332985	50-Year	Floodplain As Is	180000.00	13.46	35.56		36.16	0.000325	6.23	28942.60	1619.38	0.26
Restudy Reach	332985	100-Year	Floodplain As Is	198000.00	13.46	37.25		37.86	0.000293	6.28	31693.89	1633.49	0.25
Restudy Reach	332985	500-Year	Floodplain As Is	239000.00	13.46	41.31		41.92	0.000230	6.28	38365.06	1651.41	0.22
Restudy Reach	332396	10-Year	Floodplain As Is	140000.00	14.86	31.00	23.10	31.88	0.000622	7.50	18657.36	1239.42	0.34
Restudy Reach	332396	50-Year	Floodplain As Is	180000.00	14.86	35.00	24.48	35.90	0.000476	7.61	23655.53	1312.61	0.31
Restudy Reach	332396	100-Year	Floodplain As Is	198000.00	14.86	36.71	25.07	37.62	0.000434	7.67	25808.90	1330.49	0.30
Restudy Reach	332396	500-Year	Floodplain As Is	239000.00	14.86	40.83	26.34	41.73	0.000338	7.63	31531.07	1359.19	0.27
Restudy Reach	331886	10-Year	Floodplain As Is	140000.00	11.05	30.86	21.14	31.51	0.000411	6.49	21571.36	1307.19	0.28
Restudy Reach	331886	50-Year	Floodplain As Is	180000.00	11.05	34.90	22.45	35.60	0.000332	6.69	26901.82	1326.42	0.26
Restudy Reach	331886	100-Year	Floodplain As Is	198000.00	11.05	36.62	23.05	37.34	0.000309	6.78	29187.40	1333.86	0.26
Restudy Reach	331886	500-Year	Floodplain As Is	239000.00	11.05	40.76	24.28	41.50	0.000256	6.87	34847.09	1418.93	0.24
Restudy Reach	331830		Bridge										
Restudy Reach	331768	10-Year	Floodplain As Is	140000.00	11.55	30.43	21.18	31.12	0.000453	6.86	21010.79	1317.38	0.29
Restudy Reach	331768	50-Year	Floodplain As Is	180000.00	11.55	34.50	22.53	35.22	0.000357	6.81	26413.48	1429.40	0.27
Restudy Reach	331768	100-Year	Floodplain As Is	198000.00	11.55	36.22	23.10	36.96	0.000331	6.89	28732.10	1451.63	0.26
Restudy Reach	331768	500-Year	Floodplain As Is	239000.00	11.55	40.39	24.35	41.13	0.000265	6.90	35102.12	1501.46	0.24
Restudy Reach	331161	10-Year	Floodplain As Is	140000.00	8.00	30.22		30.83	0.000371	6.29	22325.69	1367.43	0.27
Restudy Reach	331161	50-Year	Floodplain As Is	180000.00	8.00	34.33		34.99	0.000300	6.50	28032.62	1393.52	0.25
Restudy Reach	331161	100-Year	Floodplain As Is	198000.00	8.00	36.07		36.74	0.000279	6.59	30493.67	1496.18	0.24
Restudy Reach	331161	500-Year	Floodplain As Is	239000.00	8.00	40.26		40.96	0.000231	6.69	37095.13	1654.44	0.23
Restudy Reach	330950	10-Year	Floodplain As Is	140000.00	7.99	30.21	19.69	30.73	0.000312	5.80	24222.58	1526.04	0.25
Restudy Reach	330950	50-Year	Floodplain As Is	180000.00	7.99	34.34	20.95	34.90	0.000251	6.00	30209.01	1604.15	0.23
Restudy Reach	330950	100-Year	Floodplain As Is	198000.00	7.99	36.08	21.49	36.66	0.000233	6.10	32764.74	1689.13	0.22
Restudy Reach	330950	500-Year	Floodplain As Is	239000.00	7.99	40.28	22.65	40.88	0.000194	6.22	39023.88	1861.59	0.21
Restudy Reach	330470	10-Year	Floodplain As Is	140000.00	6.83	30.17	18.09	30.57	0.000224	5.10	27873.71	1628.48	0.21
Restudy Reach	330470	50-Year	Floodplain As Is	180000.00	6.83	34.32	19.35	34.76	0.000189	5.32	35202.32	1894.38	0.20
Restudy Reach	330470	100-Year	Floodplain As Is	198000.00	6.83	36.07	19.91	36.52	0.000177	5.42	38405.38	1920.20	0.19
Restudy Reach	330470	500-Year	Floodplain As Is	239000.00	6.83	40.30	21.11	40.76	0.000148	5.49	46909.65	1996.79	0.18
Restudy Reach	329981	10-Year	Floodplain As Is	140000.00	4.93	30.13	16.95	30.45	0.000176	4.58	30810.55	1692.50	0.19
Restudy Reach	329981	50-Year	Floodplain As Is	180000.00	4.93	34.30	18.19	34.65	0.000151	4.80	38191.48	1855.11	0.18
Restudy Reach	329981	100-Year	Floodplain As Is	198000.00	4.93	36.05	18.72	36.42	0.000143	4.90	41417.04	1901.21	0.17
Restudy Reach	329981	500-Year	Floodplain As Is	239000.00	4.93	40.29	19.89	40.67	0.000122	5.01	49726.55	1970.36	0.16
Restudy Reach	329467	10-Year	Floodplain As Is	140000.00	6.95	30.03	16.46	30.36	0.000178	4.64	30582.66	1673.91	0.19
Restudy Reach	329467	50-Year	Floodplain As Is	180000.00	6.95	34.21	17.75	34.57	0.000157	4.87	37658.59	1716.41	0.18
Restudy Reach	329467	100-Year	Floodplain As Is	198000.00	6.95	35.96	18.28	36.35	0.000149	4.97	40785.94	1820.23	0.18
Restudy Reach	329467	500-Year	Floodplain As Is	239000.00	6.95	40.21	19.43	40.61	0.000128	5.09	48854.16	1969.90	0.17
Restudy Reach	328850	10-Year	Floodplain As Is	140000.00	5.29	29.88	15.45	30.25	0.000170	4.89	29824.89	1638.20	0.19
Restudy Reach	328850	50-Year	Floodplain As Is	180000.00	5.29	34.05	16.81	34.47	0.000152	5.22	37279.14	1956.03	0.18
Restudy Reach	328850	100-Year	Floodplain As Is	198000.00	5.29	35.81	17.39	36.25	0.000145	5.34	40740.10	1976.59	0.18
Restudy Reach	328850	500-Year	Floodplain As Is	239000.00	5.29	40.06	18.64	40.52	0.000127	5.51	49518.01	2265.00	0.17
Restudy Reach	328356	10-Year	Floodplain As Is	140000.00	5.61	29.76	15.15	30.16	0.000175	5.08	29318.45	1576.41	0.19
Restudy Reach	328356	50-Year	Floodplain As Is	180000.00	5.61	33.95	16.53	34.39	0.000157	5.42	36853.60	2042.48	0.19
Restudy Reach	328356	100-Year	Floodplain As Is	198000.00	5.61	35.71	17.11	36.18	0.000151	5.54	40503.11	2100.66	0.19
Restudy Reach	328356	500-Year	Floodplain As Is	239000.00	5.61	39.							

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	327424	10-Year	Floodplain As Is	140000.00	3.66	29.58	14.45	29.99	0.000183	5.17	27211.44	1456.81	0.20
Restudy Reach	327424	50-Year	Floodplain As Is	180000.00	3.66	33.77	15.88	34.24	0.000166	5.51	35168.34	2328.52	0.19
Restudy Reach	327424	100-Year	Floodplain As Is	198000.00	3.66	35.54	16.49	36.03	0.000158	5.62	39168.33	2373.77	0.19
Restudy Reach	327424	500-Year	Floodplain As Is	239000.00	3.66	39.85	17.81	40.33	0.000132	5.68	49966.29	2680.79	0.18
Restudy Reach	326906	10-Year	Floodplain As Is	140000.00	2.65	29.44	14.30	29.89	0.000198	5.39	26027.66	1381.28	0.20
Restudy Reach	326906	50-Year	Floodplain As Is	180000.00	2.65	33.64	15.80	34.14	0.000179	5.75	33543.10	2128.12	0.20
Restudy Reach	326906	100-Year	Floodplain As Is	198000.00	2.65	35.41	16.44	35.94	0.000170	5.86	37357.41	2255.06	0.20
Restudy Reach	326906	500-Year	Floodplain As Is	239000.00	2.65	39.72	17.83	40.25	0.000145	5.96	47008.41	2830.38	0.19
Restudy Reach	326473	10-Year	Floodplain As Is	140000.00	2.10	29.33	13.99	29.80	0.000192	5.49	25897.21	1358.51	0.20
Restudy Reach	326473	50-Year	Floodplain As Is	180000.00	2.10	33.53	15.48	34.07	0.000177	5.90	33064.53	2122.08	0.20
Restudy Reach	326473	100-Year	Floodplain As Is	198000.00	2.10	35.30	16.12	35.86	0.000170	6.04	36622.29	2397.88	0.20
Restudy Reach	326473	500-Year	Floodplain As Is	239000.00	2.10	39.63	17.50	40.19	0.000146	6.14	47742.36	2824.84	0.19
Restudy Reach	326003	10-Year	Floodplain As Is	140000.00	-1.35	29.27	13.14	29.70	0.000170	5.32	26923.56	1419.71	0.19
Restudy Reach	326003	50-Year	Floodplain As Is	180000.00	-1.35	33.47	14.66	33.97	0.000160	5.75	33169.36	1805.63	0.19
Restudy Reach	326003	100-Year	Floodplain As Is	198000.00	-1.35	35.24	15.31	35.77	0.000156	5.91	35921.63	1889.21	0.19
Restudy Reach	326003	500-Year	Floodplain As Is	239000.00	-1.35	39.57	16.72	40.12	0.000138	6.09	45752.23	2262.43	0.18
Restudy Reach	325763	10-Year	Floodplain As Is	140000.00	-3.23	29.24	12.36	29.65	0.000163	5.17	27078.49	1201.56	0.19
Restudy Reach	325763	50-Year	Floodplain As Is	180000.00	-3.23	33.43	13.87	33.93	0.000158	5.64	31966.12	1546.13	0.19
Restudy Reach	325763	100-Year	Floodplain As Is	198000.00	-3.23	35.21	14.53	35.74	0.000155	5.82	34038.59	1629.16	0.19
Restudy Reach	325763	500-Year	Floodplain As Is	239000.00	-3.23	39.52	15.92	40.07	0.000140	6.05	41968.88	2361.99	0.18
Restudy Reach	325688			Mult Open									
Restudy Reach	325611	10-Year	Floodplain As Is	140000.00	-0.40	29.20	12.17	29.58	0.000149	4.97	28170.24	1187.24	0.18
Restudy Reach	325611	50-Year	Floodplain As Is	180000.00	-0.40	33.39	13.66	33.85	0.000146	5.42	33185.41	1205.17	0.18
Restudy Reach	325611	100-Year	Floodplain As Is	198000.00	-0.40	35.16	14.28	35.65	0.000145	5.61	35320.12	1303.73	0.18
Restudy Reach	325611	500-Year	Floodplain As Is	239000.00	-0.40	39.37	15.64	39.91	0.000134	5.89	41541.98	2312.36	0.18
Restudy Reach	325324	10-Year	Floodplain As Is	140000.00	2.23	29.08	13.29	29.52	0.000185	5.32	27096.37	1548.75	0.20
Restudy Reach	325324	50-Year	Floodplain As Is	180000.00	2.23	33.28	14.89	33.79	0.000170	5.73	33758.43	1703.71	0.20
Restudy Reach	325324	100-Year	Floodplain As Is	198000.00	2.23	35.05	15.58	35.59	0.000165	5.90	36628.12	1942.94	0.20
Restudy Reach	325324	500-Year	Floodplain As Is	239000.00	2.23	39.27	17.01	39.85	0.000150	6.15	43906.97	2441.28	0.19
Restudy Reach	324984	10-Year	Floodplain As Is	140000.00	1.61	28.98	13.28	29.45	0.000193	5.52	25571.21	1315.27	0.20
Restudy Reach	324984	50-Year	Floodplain As Is	180000.00	1.61	33.18	14.86	33.73	0.000180	5.97	31611.74	1510.67	0.20
Restudy Reach	324984	100-Year	Floodplain As Is	198000.00	1.61	34.95	15.52	35.53	0.000175	6.14	34303.35	1660.31	0.20
Restudy Reach	324984	500-Year	Floodplain As Is	239000.00	1.61	39.17	16.95	39.80	0.000159	6.41	41071.48	2646.98	0.20
Restudy Reach	324501	10-Year	Floodplain As Is	140000.00	2.68	28.90	12.89	29.36	0.000179	5.40	26115.64	1405.38	0.20
Restudy Reach	324501	50-Year	Floodplain As Is	180000.00	2.68	33.11	14.43	33.63	0.000168	5.83	33117.83	1669.10	0.20
Restudy Reach	324501	100-Year	Floodplain As Is	198000.00	2.68	34.88	15.08	35.44	0.000164	6.00	36098.60	1752.07	0.20
Restudy Reach	324501	500-Year	Floodplain As Is	239000.00	2.68	39.11	16.48	39.71	0.000150	6.29	44232.47	3040.17	0.19
Restudy Reach	323998	10-Year	Floodplain As Is	140000.00	1.23	28.85	12.34	29.26	0.000165	5.16	27927.11	1545.92	0.19
Restudy Reach	323998	50-Year	Floodplain As Is	180000.00	1.23	33.06	13.85	33.54	0.000154	5.58	34868.66	1827.96	0.19
Restudy Reach	323998	100-Year	Floodplain As Is	198000.00	1.23	34.84	14.50	35.34	0.000150	5.75	37872.41	2116.69	0.19
Restudy Reach	323998	500-Year	Floodplain As Is	239000.00	1.23	39.07	15.89	39.63	0.000138	6.02	47016.06	2858.46	0.18
Restudy Reach	323495	10-Year	Floodplain As Is	140000.00	0.59	28.75	12.20	29.17	0.000177	5.23	27106.56	1416.14	0.19
Restudy Reach	323495	50-Year	Floodplain As Is	180000.00	0.59	32.97	13.73	33.46	0.000165	5.62	34047.21	2024.71	0.19
Restudy Reach	323495	100-Year	Floodplain As Is	198000.00	0.59	34.75	14.38	35.26	0.000159	5.77	37088.35	2294.46	0.19
Restudy Reach	323495	500-Year	Floodplain As Is	239000.00	0.59	39.01	15.79	39.55	0.000142	5.98	46125.96	2737.44	0.19
Restudy Reach	323018	10-Year	Floodplain As Is	140000.00	-0.31	28.67	11.50	29.09	0.000162	5.17	27140.60	1651.70	0.19
Restudy Reach	323018	50-Year	Floodplain As Is	180000.00	-0.31	32.89	13.10	33.38	0.000155	5.63	32735.31	2138.29	0.19
Restudy Reach	323018	100-Year	Floodplain As Is	198000.00	-0.31	34.70	13.76	35.18	0.000143	5.64	38725.64	2169.66	0.18
Restudy Reach	323018	500-Year	Floodplain As Is	239000.00	-0.31	38.97	15.17	39.48	0.000127	5.82	47189.58	2275.49	0.18
Restudy Reach	322403	10-Year	Floodplain As Is	140000.00	-0.29	28.53	10.76	28.98	0.000162	5.41	26524.34	1756.14	0.19
Restudy Reach	322403	50-Year	Floodplain As Is	180000.00	-0.29	32.80	12.39	33.29	0.000149	5.70	36512.13	1824.81	0.19
Restudy Reach	322403	100-Year	Floodplain As Is	198000.00	-0.29	34.59	13.08	35.09	0.000145	5.83	39786.50	1887.30	0.18
Restudy Reach	322403	500-Year	Floodplain As Is	239000.00	-0.29	38.88	14.57	39.40	0.000128	5.99	48130.26	1979.15	0.18
Restudy Reach	321759	10-Year	Floodplain As Is	140000.00	-1.14	28.48	10.46	28.84	0.000138	4.87	29028.71	1434.98	0.17
Restudy Reach	321759	50-Year	Floodplain As Is	180000.00	-1.14	32.74	12.06	33.17	0.000132	5.31	35018.76	1769.80	0.18
Restudy Reach	321759	100-Year	Floodplain As Is	198000.00	-1.14	34.52	12.73	34.99	0.000131	5.49	37781.33	1805.88	0.18
Restudy Reach	321759	500-Year	Floodplain As Is	239000.00	-1.14	38.80	14.19	39.32	0.000121	5.77	44859.27	2039.11	0.17
Restudy Reach	321365	10-Year	Floodplain As Is	140000.00	-2.86	28.47	9.56	28.75	0.000105	4.26	32937.62	1821.27	0.15
Restudy Reach	321365	50-Year	Floodplain As Is	180000.00	-2.86	32.74	10.97	33.08	0.000102	4.66	39006.44	2107.06	0.15
Restudy Reach	321365	100-Year	Floodplain As Is	198000.00	-2.86	34.53	11.57	34.89	0.000100	4.82	41563.25	2162.56	0.15
Restudy Reach	321365	500-Year	Floodplain As Is	239000.00	-2.86	38.82	12.87	39.22	0.000093	5.06	49540.18	2246.44	0.15
Restudy Reach	321185			Bridge									
Restudy Reach	321004	10-Year	Floodplain As Is	140000.00	-1.94	28.43	9.06	28.68	0.000090	3.97	35272.76	1832.63	0.14
Restudy Reach	321004	50-Year	Floodplain As Is	180000.00	-1.94	32.70	10.41	33.00	0.000089	4.35	41473.10	2266.92	0.14
Restudy Reach	321004	100-Year	Floodplain As Is	198000.00	-1.94	34.49	10.99	34.80	0.000087	4.49	45002.52	2391.56	0.14
Restudy Reach	321004	500-Year	Floodplain As Is	239000.00	-1.94	38.79	12.23	39.13	0.000081	4.72	52256.60	2638.42	0.14
Restudy Reach	320470	10-Year	Floodplain As Is	140000.00	-0.88	28.36	9.51	28.62	0.000095	4.12	34008.20	1439.62	0.15
Restudy Reach	320470	50-Year	Floodplain As Is	180000.00	-0.88	32.62	10.86	32.94	0.000093	4.53	39917.08	1640.76	0.15
Restudy Reach	320470	100-Year	Floodplain As Is	198000.00	-0.88	34.42	11.43	34.75	0.000091	4.65	43774.45	1667.83	0.15
Restudy Reach	320470	500-Year	Floodplain As Is	239000.00	-0.88	38.72	12.66	39.08	0.000084	4.88	50999.65	1711.25	0.14
Restudy Reach	320022	10-Year	Floodplain As Is	140000.00	-0.07	28.33	9.75	28.58	0.000092	4.02	34811.06	1629.64	0.14
Restudy Reach	320022	50-Year	Floodplain As Is	180000.00	-0.07	32.59	11.10	32.89	0.000090	4.41	40936.61	2224.52	0.14
Restudy Reach	320022	100-Year	Floodplain As Is	198000.00	-0.07	34.39	11.64	34.70	0.000087	4.50	46132.60	2309.79	0.14
Restudy Reach	320022	500-Year	Floodplain As Is	239000.00	-0.07	38.70	12.82	39.03	0.000079	4.68	54595.62	2351.99	0.14
Restudy Reach	319486	10-Year	Floodplain As Is	140000.00	-1.01	28.23	9.70	28.52	0.000108	4.31	32458.27	1486.76	0.15
Restudy Reach	319486	50-Year	Floodplain As Is	180000.00	-1.01	32.49	11.08	32.84	0.000105	4.72	38711.00	1795.46	0.16
Restudy Reach	319486	100-Year	Floodplain As Is	198000.00	-1.01	34.28	11.67	34.65	0.000102	4.86	42979.27	1836.72	0.16
Restudy Reach	319486	500-Year	Floodplain As Is	239000.00	-1.01	38.58	12.95	38.98	0.000094	5.10	50992.82	1891.67	0.15
Restudy Reach	318866	10-Year	Floodplain As Is	140000.00	0.08	28.15	10.05	28.45	0.000117	4.38	31987.35	1909.94	0.16
Restudy Reach	318866	50-Year	Floodplain As Is	180000.00	0.08	32.42	11.46	32.77	0.000111	4.76	38205.09	2130.43	0.15
Restudy Reach	318866	100-Year	Floodplain As Is	198000.00	0.08	34.24	12.06	34.57	0.000100	4.70	47361.72	2150.84	0.15
Restudy Reach	318866	500-Year	Floodplain As Is	239000.00	0.08	38.56	13.37	38.91	0.000089	4.86	5		

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	317943	10-Year	Floodplain As Is	140000.00	1.09	28.10	9.53	28.34	0.000089	4.00	36449.88	2434.70	0.14
Restudy Reach	317943	50-Year	Floodplain As Is	180000.00	1.09	32.39	10.84	32.66	0.000081	4.26	48450.85	2951.20	0.14
Restudy Reach	317943	100-Year	Floodplain As Is	198000.00	1.09	34.20	11.39	34.48	0.000077	4.31	57018.70	3119.34	0.14
Restudy Reach	317943	500-Year	Floodplain As Is	239000.00	1.09	38.53	12.59	38.82	0.000070	4.48	68161.44	3672.11	0.13
Restudy Reach	317503	10-Year	Floodplain As Is	140000.00	-0.44	28.09	8.83	28.30	0.000073	3.62	41435.28	3112.71	0.13
Restudy Reach	317503	50-Year	Floodplain As Is	180000.00	-0.44	32.39	10.07	32.61	0.000069	3.90	51824.51	3890.20	0.13
Restudy Reach	317503	100-Year	Floodplain As Is	198000.00	-0.44	34.20	10.60	34.44	0.000067	4.00	56274.70	4019.59	0.13
Restudy Reach	317503	500-Year	Floodplain As Is	239000.00	-0.44	38.54	11.76	38.78	0.000059	4.09	72118.85	4063.16	0.12
Restudy Reach	317049	10-Year	Floodplain As Is	140000.00	0.19	28.07	9.05	28.26	0.000071	3.54	42640.50	2806.03	0.13
Restudy Reach	317049	50-Year	Floodplain As Is	180000.00	0.19	32.36	10.29	32.58	0.000067	3.83	52183.55	3034.68	0.13
Restudy Reach	317049	100-Year	Floodplain As Is	198000.00	0.19	34.17	10.82	34.40	0.000066	3.94	56238.45	3349.23	0.12
Restudy Reach	317049	500-Year	Floodplain As Is	239000.00	0.19	38.51	11.95	38.75	0.000058	4.03	72850.65	4206.01	0.12
Restudy Reach	316517	10-Year	Floodplain As Is	140000.00	-2.45	28.02	8.83	28.22	0.000072	3.59	41331.35	2299.74	0.13
Restudy Reach	316517	50-Year	Floodplain As Is	180000.00	-2.45	32.32	10.07	32.54	0.000069	3.88	50574.25	2813.14	0.13
Restudy Reach	316517	100-Year	Floodplain As Is	198000.00	-2.45	34.13	10.60	34.37	0.000067	3.98	54966.57	3109.70	0.13
Restudy Reach	316517	500-Year	Floodplain As Is	239000.00	-2.45	38.46	11.73	38.72	0.000061	4.14	65768.01	3375.81	0.12
Restudy Reach	315901	10-Year	Floodplain As Is	140000.00	-1.84	27.91	9.41	28.17	0.000094	4.10	38273.97	2339.77	0.14
Restudy Reach	315901	50-Year	Floodplain As Is	180000.00	-1.84	32.21	10.78	32.49	0.000086	4.37	47963.76	2762.30	0.14
Restudy Reach	315901	100-Year	Floodplain As Is	198000.00	-1.84	34.03	11.36	34.32	0.000084	4.47	52089.88	2931.29	0.14
Restudy Reach	315901	500-Year	Floodplain As Is	239000.00	-1.84	38.37	12.63	38.67	0.000075	4.61	62039.65	3165.71	0.14
Restudy Reach	315492	10-Year	Floodplain As Is	140000.00	-4.10	27.88	8.80	28.13	0.000091	4.03	37812.64	2562.72	0.14
Restudy Reach	315492	50-Year	Floodplain As Is	180000.00	-4.10	32.18	10.18	32.45	0.000083	4.29	47969.10	2838.38	0.14
Restudy Reach	315492	100-Year	Floodplain As Is	198000.00	-4.10	34.00	10.76	34.28	0.000080	4.38	52288.79	3116.92	0.14
Restudy Reach	315492	500-Year	Floodplain As Is	239000.00	-4.10	38.34	12.03	38.64	0.000072	4.51	62743.49	3614.28	0.13
Restudy Reach	315010	10-Year	Floodplain As Is	140000.00	-2.22	27.85	8.80	28.08	0.000084	3.84	38567.00	2278.94	0.14
Restudy Reach	315010	50-Year	Floodplain As Is	180000.00	-2.22	32.15	10.12	32.41	0.000078	4.12	48496.18	2330.54	0.13
Restudy Reach	315010	100-Year	Floodplain As Is	198000.00	-2.22	33.97	10.68	34.24	0.000076	4.23	52757.77	2470.08	0.13
Restudy Reach	315010	500-Year	Floodplain As Is	239000.00	-2.22	38.32	11.88	38.60	0.000068	4.38	63529.09	3108.31	0.13
Restudy Reach	313969	10-Year	Floodplain As Is	140000.00	-0.33	27.81	8.27	27.99	0.000066	3.41	42169.25	1931.65	0.12
Restudy Reach	313969	50-Year	Floodplain As Is	180000.00	-0.33	32.11	9.45	32.32	0.000063	3.70	50719.85	2377.98	0.12
Restudy Reach	313969	100-Year	Floodplain As Is	198000.00	-0.33	33.93	9.95	34.15	0.000061	3.81	54395.67	2531.95	0.12
Restudy Reach	313969	500-Year	Floodplain As Is	239000.00	-0.33	38.28	11.04	38.52	0.000057	4.00	63303.79	3335.79	0.12
Restudy Reach	313500	10-Year	Floodplain As Is	140000.00	-3.32	27.79	7.91	27.95	0.000058	3.20	44642.39	2182.42	0.11
Restudy Reach	313500	50-Year	Floodplain As Is	180000.00	-3.32	32.10	9.05	32.29	0.000055	3.48	53797.79	2967.16	0.11
Restudy Reach	313500	100-Year	Floodplain As Is	198000.00	-3.32	33.92	9.54	34.12	0.000054	3.59	57705.91	3111.16	0.11
Restudy Reach	313500	500-Year	Floodplain As Is	239000.00	-3.32	38.27	10.58	38.49	0.000050	3.76	67236.65	3608.25	0.11
Restudy Reach	312948	10-Year	Floodplain As Is	140000.00	-2.12	27.73	8.75	27.91	0.000074	3.43	42038.22	2600.77	0.13
Restudy Reach	312948	50-Year	Floodplain As Is	180000.00	-2.12	32.05	10.03	32.25	0.000068	3.66	53048.47	3107.14	0.13
Restudy Reach	312948	100-Year	Floodplain As Is	198000.00	-2.12	33.87	10.56	34.08	0.000065	3.73	58258.55	3359.81	0.12
Restudy Reach	312948	500-Year	Floodplain As Is	239000.00	-2.12	38.25	11.73	38.46	0.000057	3.81	71253.98	3618.44	0.12
Restudy Reach	312427	10-Year	Floodplain As Is	140000.00	-2.60	27.66	8.77	27.87	0.000096	3.65	39914.32	2654.25	0.14
Restudy Reach	312427	50-Year	Floodplain As Is	180000.00	-2.60	31.98	10.32	32.21	0.000089	3.85	52590.62	3839.80	0.13
Restudy Reach	312427	100-Year	Floodplain As Is	198000.00	-2.60	33.81	10.98	34.04	0.000086	3.93	59148.63	4076.55	0.13
Restudy Reach	312427	500-Year	Floodplain As Is	239000.00	-2.60	38.19	12.35	38.42	0.000075	3.99	74829.84	4311.54	0.12
Restudy Reach	311929	10-Year	Floodplain As Is	140000.00	-1.26	27.62	9.27	27.82	0.000085	3.58	41213.90	2689.34	0.13
Restudy Reach	311929	50-Year	Floodplain As Is	180000.00	-1.26	31.95	10.65	32.17	0.000076	3.77	55076.47	3613.34	0.13
Restudy Reach	311929	100-Year	Floodplain As Is	198000.00	-1.26	33.78	11.23	34.00	0.000073	3.84	62340.51	4150.09	0.13
Restudy Reach	311929	500-Year	Floodplain As Is	239000.00	-1.26	38.17	12.49	38.38	0.000061	3.84	82175.80	4655.80	0.12
Restudy Reach	311444	10-Year	Floodplain As Is	140000.00	-2.57	27.50	9.18	27.76	0.000114	4.16	35224.61	2707.17	0.16
Restudy Reach	311444	50-Year	Floodplain As Is	180000.00	-2.57	31.85	10.68	32.12	0.000098	4.26	49644.47	3648.55	0.15
Restudy Reach	311444	100-Year	Floodplain As Is	198000.00	-2.57	33.69	11.31	33.96	0.000092	4.27	56910.47	4012.31	0.14
Restudy Reach	311444	500-Year	Floodplain As Is	239000.00	-2.57	38.11	12.64	38.35	0.000073	4.14	75234.55	4307.50	0.13
Restudy Reach	311029	10-Year	Floodplain As Is	140000.00	-2.24	27.46	9.08	27.71	0.000101	4.04	37109.59	2993.70	0.15
Restudy Reach	311029	50-Year	Floodplain As Is	180000.00	-2.24	31.82	10.56	32.08	0.000088	4.18	52392.90	4034.18	0.14
Restudy Reach	311029	100-Year	Floodplain As Is	198000.00	-2.24	33.67	11.43	33.91	0.000081	4.17	60873.48	4109.23	0.13
Restudy Reach	311029	500-Year	Floodplain As Is	239000.00	-2.24	38.09	12.65	38.31	0.000065	4.08	79172.61	4162.54	0.12
Restudy Reach	310691	10-Year	Floodplain As Is	140000.00	-1.99	27.43	8.54	27.68	0.000094	4.05	39898.50	3324.65	0.14
Restudy Reach	310691	50-Year	Floodplain As Is	180000.00	-1.99	31.80	9.93	32.05	0.000080	4.18	55380.18	3993.80	0.14
Restudy Reach	310691	100-Year	Floodplain As Is	198000.00	-1.99	33.65	10.51	33.89	0.000073	4.16	63717.73	4137.65	0.13
Restudy Reach	310691	500-Year	Floodplain As Is	239000.00	-1.99	38.08	11.80	38.29	0.000058	4.03	82155.66	4180.37	0.12
Restudy Reach	310302	10-Year	Floodplain As Is	140000.00	-2.13	27.40	7.93	27.64	0.000090	4.08	41259.75	3624.09	0.14
Restudy Reach	310302	50-Year	Floodplain As Is	180000.00	-2.13	31.77	9.41	32.01	0.000075	4.15	58810.42	4233.44	0.13
Restudy Reach	310302	100-Year	Floodplain As Is	198000.00	-2.13	33.63	10.03	33.86	0.000069	4.13	66674.26	4253.35	0.13
Restudy Reach	310302	500-Year	Floodplain As Is	239000.00	-2.13	38.06	11.37	38.26	0.000054	4.00	85675.60	4308.05	0.12
Restudy Reach	309400	10-Year	Floodplain As Is	140000.00	-2.76	27.20	8.30	27.54	0.000117	4.86	39969.66	3600.58	0.16
Restudy Reach	309400	50-Year	Floodplain As Is	180000.00	-2.76	31.60	9.95	31.93	0.000099	4.94	57353.24	4206.58	0.15
Restudy Reach	309400	100-Year	Floodplain As Is	198000.00	-2.76	33.46	10.64	33.78	0.000092	4.94	65196.61	4222.74	0.15
Restudy Reach	309400	500-Year	Floodplain As Is	239000.00	-2.76	37.92	12.10	38.20	0.000074	4.84	84266.41	4399.52	0.14
Restudy Reach	308923	10-Year	Floodplain As Is	140000.00	-3.04	27.16	8.23	27.48	0.000112	4.69	41142.37	3571.90	0.16
Restudy Reach	308923	50-Year	Floodplain As Is	180000.00	-3.04	31.57	9.83	31.87	0.000095	4.78	57505.34	3816.93	0.15
Restudy Reach	308923	100-Year	Floodplain As Is	198000.00	-3.04	33.43	10.51	33.73	0.000089	4.81	64652.47	3920.74	0.15
Restudy Reach	308923	500-Year	Floodplain As Is	239000.00	-3.04	37.89	11.96	38.16	0.000073	4.74	83818.96	4599.53	0.14
Restudy Reach	308488	10-Year	Floodplain As Is	140000.00	-4.41	27.15	7.97	27.42	0.000104	4.37	42752.02	3559.51	0.15
Restudy Reach	308488	50-Year	Floodplain As Is	180000.00	-4.41	31.55	9.53	31.82	0.000087	4.45	58868.27	3705.46	0.14
Restudy Reach	308488	100-Year	Floodplain As Is	198000.00	-4.41	33.42	10.19	33.68	0.000081	4.47	65797.06	3742.82	0.14
Restudy Reach	308488	500-Year	Floodplain As Is	239000.00	-4.41	37.88	11.63	38.12	0.000068	4.46	83808.56	4271.66	0.13
Restudy Reach	308021	10-Year	Floodplain As Is	140000.00	-2.64	27.12	8.03	27.37	0.000095	4.21	45154.32	3848.36	0.15
Restudy Reach	308021	50-Year	Floodplain As Is	180000.00	-2.64	31.53	9.55	31.77	0.000079	4.27	61371.03	4081.77	0.14
Restudy Reach	308021	100-Year	Floodplain As Is	198000.00	-2.64	33.40	10.18	33.64	0.000074	4.29	68248.79	4098.57	0.13
Restudy Reach	308021	500-Year	Floodplain As Is	239000.00	-2.64	37.87	11.55	38.08	0.000060	4.23	89470.42	4222.24	0.13
Restudy Reach	307502	10-Year	Floodplain As Is	140000.00	-3.27	27.10	7.61	27.31	0.000081	3.89	47642.08	3627.56	

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	306251	10-Year	Floodplain As Is	140000.00	-2.69	27.01	7.88	27.21	0.000078	3.73	47942.59	3501.93	0.13
Restudy Reach	306251	50-Year	Floodplain As Is	180000.00	-2.69	31.43	9.25	31.64	0.000067	3.84	63563.40	3548.08	0.13
Restudy Reach	306251	100-Year	Floodplain As Is	198000.00	-2.69	33.30	9.82	33.51	0.000063	3.89	70202.53	3570.52	0.12
Restudy Reach	306251	500-Year	Floodplain As Is	239000.00	-2.69	37.78	11.07	37.98	0.000053	3.91	86239.40	4245.07	0.12
Restudy Reach	305489	10-Year	Floodplain As Is	140000.00	-3.25	26.96	7.37	27.15	0.000074	3.61	49774.87	4029.98	0.13
Restudy Reach	305489	50-Year	Floodplain As Is	180000.00	-3.25	31.41	8.76	31.58	0.000061	3.60	67797.33	4091.39	0.12
Restudy Reach	305489	100-Year	Floodplain As Is	198000.00	-3.25	33.28	9.36	33.45	0.000056	3.60	75498.41	4112.08	0.11
Restudy Reach	305489	500-Year	Floodplain As Is	239000.00	-3.25	37.78	10.64	37.93	0.000046	3.53	94074.77	4534.27	0.10
Restudy Reach	304469	10-Year	Floodplain As Is	140000.00	-2.30	26.90	7.03	27.07	0.000063	3.43	54080.13	4645.64	0.12
Restudy Reach	304469	50-Year	Floodplain As Is	180000.00	-2.30	31.37	8.33	31.52	0.000050	3.40	74935.29	4687.88	0.11
Restudy Reach	304469	100-Year	Floodplain As Is	198000.00	-2.30	33.25	8.89	33.39	0.000046	3.38	83759.92	4699.81	0.11
Restudy Reach	304469	500-Year	Floodplain As Is	240000.00	-2.30	37.75	10.12	37.88	0.000037	3.32	104981.40	5198.07	0.10
Restudy Reach	303625	10-Year	Floodplain As Is	140000.00	-0.84	26.87	7.44	27.01	0.000060	3.28	61203.42	5459.55	0.12
Restudy Reach	303625	50-Year	Floodplain As Is	180000.00	-0.84	31.35	8.83	31.47	0.000045	3.16	85913.02	5549.06	0.10
Restudy Reach	303625	100-Year	Floodplain As Is	198000.00	-0.84	33.23	9.41	33.35	0.000040	3.12	96381.45	5562.00	0.10
Restudy Reach	303625	500-Year	Floodplain As Is	240000.00	-0.84	37.74	10.73	37.84	0.000032	3.02	121525.70	5593.16	0.09
Restudy Reach	302872	10-Year	Floodplain As Is	140000.00	-1.96	26.84	6.90	26.96	0.000049	3.05	67479.10	5660.88	0.11
Restudy Reach	302872	50-Year	Floodplain As Is	180000.00	-1.96	31.33	8.17	31.43	0.000038	2.99	92957.79	5702.66	0.10
Restudy Reach	302872	100-Year	Floodplain As Is	198000.00	-1.96	33.21	8.71	33.31	0.000035	2.98	103727.10	5717.90	0.09
Restudy Reach	302872	500-Year	Floodplain As Is	240000.00	-1.96	37.72	9.90	37.81	0.000028	2.92	129598.40	5755.30	0.08
Restudy Reach	301757	10-Year	Floodplain As Is	140000.00	-2.58	26.71	7.36	26.89	0.000073	3.59	57410.29	5075.73	0.13
Restudy Reach	301757	50-Year	Floodplain As Is	180000.00	-2.58	31.22	8.71	31.38	0.000057	3.55	83480.06	6191.25	0.12
Restudy Reach	301757	100-Year	Floodplain As Is	198000.00	-2.58	33.11	9.29	33.26	0.000051	3.50	95242.90	6202.46	0.11
Restudy Reach	301757	500-Year	Floodplain As Is	240000.00	-2.58	37.65	10.58	37.78	0.000039	3.35	123438.70	6230.27	0.10
Restudy Reach	300884	10-Year	Floodplain As Is	140000.00	-2.48	26.67	6.77	26.83	0.000060	3.34	56561.61	5370.45	0.12
Restudy Reach	300884	50-Year	Floodplain As Is	180000.00	-2.48	31.19	8.07	31.32	0.000047	3.27	84112.59	6432.05	0.11
Restudy Reach	300884	100-Year	Floodplain As Is	198000.00	-2.48	33.09	8.62	33.22	0.000042	3.23	96428.49	6526.34	0.10
Restudy Reach	300884	500-Year	Floodplain As Is	240000.00	-2.48	37.63	9.87	37.74	0.000031	3.05	126186.10	6568.92	0.09
Restudy Reach	299919	10-Year	Floodplain As Is	140000.00	-1.72	26.62	8.23	26.76	0.000070	3.22	62066.61	6295.35	0.12
Restudy Reach	299919	50-Year	Floodplain As Is	180000.00	-1.72	31.16	9.50	31.27	0.000049	3.00	92350.27	6839.63	0.10
Restudy Reach	299919	100-Year	Floodplain As Is	198000.00	-1.72	33.07	10.03	33.16	0.000042	2.92	105421.90	6866.41	0.09
Restudy Reach	299919	500-Year	Floodplain As Is	240000.00	-1.72	37.62	11.21	37.70	0.000031	2.73	136859.60	6944.03	0.08
Restudy Reach	298932	10-Year	Floodplain As Is	140000.00	-2.34	26.51	8.44	26.68	0.000075	3.58	62235.96	6792.87	0.13
Restudy Reach	298932	50-Year	Floodplain As Is	180000.00	-2.34	31.09	9.86	31.22	0.000051	3.30	94239.39	7068.68	0.11
Restudy Reach	298932	100-Year	Floodplain As Is	198000.00	-2.34	33.01	10.45	33.12	0.000044	3.21	107804.40	7085.62	0.10
Restudy Reach	298932	500-Year	Floodplain As Is	240000.00	-2.34	37.58	11.75	37.67	0.000032	3.00	140250.50	7129.19	0.09
Restudy Reach	297896	10-Year	Floodplain As Is	140000.00	-3.62	26.41	7.13	26.60	0.000077	3.79	66380.86	6962.72	0.13
Restudy Reach	297896	50-Year	Floodplain As Is	181000.00	-3.62	31.01	8.68	31.16	0.000056	3.61	99283.01	7264.21	0.12
Restudy Reach	297896	100-Year	Floodplain As Is	200000.00	-3.62	32.93	9.35	33.07	0.000050	3.55	113257.90	7274.32	0.11
Restudy Reach	297896	500-Year	Floodplain As Is	243000.00	-3.62	37.51	10.79	37.63	0.000038	3.39	146648.00	7298.41	0.10
Restudy Reach	296980	10-Year	Floodplain As Is	140000.00	-4.00	26.45	6.55	26.52	0.000033	2.50	81862.25	8017.53	0.09
Restudy Reach	296980	50-Year	Floodplain As Is	181000.00	-4.00	31.04	8.26	31.10	0.000024	2.38	118106.10	8634.29	0.08
Restudy Reach	296980	100-Year	Floodplain As Is	200000.00	-4.00	32.96	9.00	33.01	0.000021	2.35	133355.80	8646.04	0.07
Restudy Reach	296980	500-Year	Floodplain As Is	243000.00	-4.00	37.54	10.53	37.58	0.000016	2.25	169759.80	8685.08	0.06
Restudy Reach	295932	10-Year	Floodplain As Is	140000.00	-4.45	26.40	6.32	26.48	0.000038	2.78	86761.81	7878.85	0.09
Restudy Reach	295932	50-Year	Floodplain As Is	181000.00	-4.45	31.01	7.93	31.07	0.000028	2.63	123395.00	7985.48	0.08
Restudy Reach	295932	100-Year	Floodplain As Is	200000.00	-4.45	32.93	8.63	32.99	0.000025	2.59	138808.60	8048.15	0.08
Restudy Reach	295932	500-Year	Floodplain As Is	243000.00	-4.45	37.51	10.13	37.56	0.000019	2.48	176014.90	8138.95	0.07
Restudy Reach	294884	10-Year	Floodplain As Is	140000.00	-4.00	26.38	6.51	26.44	0.000031	2.53	90575.79	7773.42	0.08
Restudy Reach	294884	50-Year	Floodplain As Is	181000.00	-4.00	30.99	8.12	31.04	0.000023	2.42	126679.00	7868.61	0.07
Restudy Reach	294884	100-Year	Floodplain As Is	200000.00	-4.00	32.91	8.87	32.96	0.000021	2.40	141839.60	7884.01	0.07
Restudy Reach	294884	500-Year	Floodplain As Is	243000.00	-4.00	37.50	10.32	37.54	0.000017	2.34	178856.90	8378.84	0.07
Restudy Reach	293847	10-Year	Floodplain As Is	140000.00	-4.02	26.35	6.86	26.41	0.000028	2.13	83954.90	8216.86	0.08
Restudy Reach	293847	50-Year	Floodplain As Is	181000.00	-4.02	30.97	8.47	31.02	0.000019	1.90	118774.30	8429.65	0.07
Restudy Reach	293847	100-Year	Floodplain As Is	200000.00	-4.02	32.89	9.16	32.94	0.000017	1.85	134144.50	8473.61	0.06
Restudy Reach	293847	500-Year	Floodplain As Is	243000.00	-4.02	37.48	10.60	37.53	0.000013	1.72	170962.40	8695.09	0.05
Restudy Reach	292986	10-Year	Floodplain As Is	140000.00	-5.12	26.26	6.68	26.37	0.000056	3.05	71529.32	6718.54	0.12
Restudy Reach	292986	50-Year	Floodplain As Is	181000.00	-5.12	30.91	8.35	30.99	0.000040	2.77	107835.60	7283.64	0.10
Restudy Reach	292986	100-Year	Floodplain As Is	200000.00	-5.12	32.84	9.06	32.92	0.000036	2.71	121986.60	7472.79	0.09
Restudy Reach	292986	500-Year	Floodplain As Is	243000.00	-5.12	37.45	10.51	37.51	0.000028	2.55	156661.80	8531.89	0.08
Restudy Reach	291974	10-Year	Floodplain As Is	140000.00	-4.62	26.22	6.21	26.32	0.000048	2.73	74057.42	6887.54	0.11
Restudy Reach	291974	50-Year	Floodplain As Is	181000.00	-4.62	30.88	7.79	30.95	0.000034	2.49	113338.90	6975.35	0.09
Restudy Reach	291974	100-Year	Floodplain As Is	200000.00	-4.62	32.82	8.45	32.88	0.000031	2.46	126950.80	7088.22	0.08
Restudy Reach	291974	500-Year	Floodplain As Is	243000.00	-4.62	37.43	9.83	37.48	0.000024	2.35	160749.70	8168.22	0.07
Restudy Reach	290849	10-Year	Floodplain As Is	140000.00	-5.15	26.15	4.86	26.26	0.000050	2.88	74979.24	6916.23	0.11
Restudy Reach	290849	50-Year	Floodplain As Is	181000.00	-5.15	30.83	6.29	30.91	0.000035	2.63	118521.50	7412.82	0.09
Restudy Reach	290849	100-Year	Floodplain As Is	200000.00	-5.15	32.77	6.91	32.85	0.000032	2.62	133030.00	7541.95	0.08
Restudy Reach	290849	500-Year	Floodplain As Is	243000.00	-5.15	37.39	8.23	37.46	0.000026	2.55	168347.00	8858.37	0.08
Restudy Reach	289927	10-Year	Floodplain As Is	140000.00	-5.35	26.07	7.51	26.20	0.000072	3.21	66976.96	7160.70	0.12
Restudy Reach	289927	50-Year	Floodplain As Is	181000.00	-5.35	30.78	9.34	30.87	0.000048	2.89	106448.70	8215.15	0.10
Restudy Reach	289927	100-Year	Floodplain As Is	200000.00	-5.35	32.73	10.14	32.81	0.000043	2.84	122718.50	8631.76	0.09
Restudy Reach	289927	500-Year	Floodplain As Is	243000.00	-5.35	37.35	11.81	37.43	0.000033	2.71	157532.90	9701.12	0.08
Restudy Reach	288987	10-Year	Floodplain As Is	140000.00	-9.53	26.04	5.12	26.14	0.000042	2.81	79915.44	6358.63	0.10
Restudy Reach	288987	10-Year	Floodplain Existing	140000.00	-9.53	28.70	5.12	28.77	0.000027	2.40	97057.33	6601.91	0.08
Restudy Reach	288987	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-9.53	28.70	5.12	28.77	0.000027	2.40	97066.95	6602.05	0.08
Restudy Reach	288987	50-Year	Floodplain As Is	181000.00	-9.53	30.75	6.59	30.84	0.000032	2.77	110845.90	6857.96	0.09
Restudy Reach	288987	50-Year	Floodplain Existing	181000.00	-9.53	31.69	6.59	31.77	0.000028	2.64	117333.90	6895.77	0.08
Restudy Reach	288987	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-9.53	31.69	6.59	31.77	0.000028	2.64	117354.40	6895.85	0.08
Restudy Reach	288987	100-Year	Floodplain As Is	200000.00	-9.53	32.69	7.32	32.78	0.000030	2.78	124253.40	6921.36	0.09
Restudy Reach	288987	100-Year	Floodplain Existing	200000.00	-9.53	32.72	7.32	32.81	0.000030	2.77	124439.10	6921.82	0.09
Restudy Reach	288987	100-Year	Floodplain Run Proposed										

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	287953	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-4.23	31.65	6.42	31.74	0.000031	2.80	104893.90	6273.54	0.09
Restudy Reach	287953	100-Year	Floodplain As Is	200000.00	-4.23	32.64	7.02	32.75	0.000033	2.95	111280.30	6515.25	0.09
Restudy Reach	287953	100-Year	Floodplain Existing	200000.00	-4.23	32.67	7.02	32.77	0.000033	2.95	111456.40	6519.16	0.09
Restudy Reach	287953	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-4.23	32.68	7.02	32.78	0.000033	2.95	111479.40	6519.62	0.09
Restudy Reach	287953	500-Year	Floodplain As Is	243000.00	-4.23	37.28	8.29	37.37	0.000027	2.91	142344.30	7474.09	0.08
Restudy Reach	287953	500-Year	Floodplain Existing	243000.00	-4.23	37.31	8.29	37.40	0.000027	2.90	142516.00	7495.29	0.08
Restudy Reach	287953	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-4.23	37.31	8.29	37.40	0.000027	2.90	142533.00	7497.38	0.08
Restudy Reach	287035	10-Year	Floodplain As Is	140000.00	-4.66	25.93	6.66	26.05	0.000053	3.07	70553.19	5591.01	0.11
Restudy Reach	287035	10-Year	Floodplain Existing	140000.00	-4.66	26.83	6.66	26.71	0.000034	2.63	86104.86	5968.73	0.09
Restudy Reach	287035	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-4.66	26.83	6.66	26.71	0.000034	2.63	86113.66	5968.78	0.09
Restudy Reach	287035	50-Year	Floodplain As Is	181000.00	-4.66	30.65	7.95	30.77	0.000042	3.05	98327.99	6083.54	0.10
Restudy Reach	287035	50-Year	Floodplain Existing	181000.00	-4.66	31.61	7.95	31.71	0.000036	2.91	104153.00	6118.46	0.09
Restudy Reach	287035	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-4.66	31.61	7.95	31.71	0.000036	2.91	104171.40	6118.56	0.09
Restudy Reach	287035	100-Year	Floodplain As Is	200000.00	-4.66	32.60	8.51	32.71	0.000038	3.06	110274.50	6191.01	0.10
Restudy Reach	287035	100-Year	Floodplain Existing	200000.00	-4.66	32.63	8.51	32.74	0.000038	3.06	110442.40	6192.21	0.10
Restudy Reach	287035	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-4.66	32.63	8.51	32.74	0.000038	3.06	110464.40	6192.33	0.10
Restudy Reach	287035	500-Year	Floodplain As Is	243000.00	-4.66	37.24	9.70	37.35	0.000032	3.04	139692.30	7187.98	0.09
Restudy Reach	287035	500-Year	Floodplain Existing	243000.00	-4.66	37.27	9.70	37.37	0.000031	3.04	139859.70	7204.97	0.09
Restudy Reach	287035	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-4.66	37.27	9.70	37.38	0.000031	3.04	139876.10	7206.60	0.09
Restudy Reach	285902	10-Year	Floodplain As Is	140000.00	-4.76	25.83	6.46	25.99	0.000067	3.40	68024.65	5332.19	0.12
Restudy Reach	285902	10-Year	Floodplain Existing	140000.00	-4.76	26.56	6.46	26.67	0.000043	2.91	82636.75	5423.03	0.10
Restudy Reach	285902	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-4.76	26.57	6.46	26.67	0.000043	2.91	82644.78	5423.08	0.10
Restudy Reach	285902	50-Year	Floodplain As Is	181000.00	-4.76	30.58	7.96	30.71	0.000053	3.38	93471.92	5496.49	0.11
Restudy Reach	285902	50-Year	Floodplain Existing	181000.00	-4.76	31.54	7.96	31.66	0.000047	3.22	96881.97	5521.97	0.10
Restudy Reach	285902	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-4.76	31.54	7.96	31.67	0.000047	3.22	96896.36	5522.07	0.10
Restudy Reach	285902	100-Year	Floodplain As Is	200000.00	-4.76	32.53	8.62	32.67	0.000050	3.40	104049.20	5612.19	0.11
Restudy Reach	285902	100-Year	Floodplain Existing	200000.00	-4.76	32.56	8.62	32.69	0.000050	3.39	104198.20	5619.95	0.11
Restudy Reach	285902	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-4.76	32.56	8.62	32.70	0.000050	3.39	104217.20	5620.93	0.11
Restudy Reach	285902	500-Year	Floodplain As Is	243000.00	-4.76	37.18	10.02	37.31	0.000041	3.38	129779.70	7783.87	0.10
Restudy Reach	285902	500-Year	Floodplain Existing	243000.00	-4.76	37.20	10.02	37.33	0.000041	3.37	129925.40	7805.65	0.10
Restudy Reach	285902	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-4.76	37.21	10.02	37.34	0.000041	3.37	129939.70	7807.78	0.10
Restudy Reach	284978	10-Year	Floodplain As Is	140000.00	-6.36	25.80	5.03	25.92	0.000054	3.29	68313.61	5291.30	0.11
Restudy Reach	284978	10-Year	Floodplain Existing	140000.00	-6.36	26.55	5.03	26.63	0.000033	2.74	82983.59	5354.20	0.09
Restudy Reach	284978	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-6.36	26.55	5.03	26.63	0.000033	2.74	82991.60	5354.21	0.09
Restudy Reach	284978	50-Year	Floodplain As Is	181000.00	-6.36	30.56	6.68	30.66	0.000040	3.15	93762.04	5368.70	0.10
Restudy Reach	284978	50-Year	Floodplain Existing	181000.00	-6.36	31.53	6.68	31.62	0.000034	2.98	98964.29	5485.77	0.09
Restudy Reach	284978	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-6.36	31.53	6.68	31.62	0.000034	2.98	98980.63	5485.88	0.09
Restudy Reach	284978	100-Year	Floodplain As Is	200000.00	-6.36	32.52	7.40	32.62	0.000036	3.13	104292.70	5548.33	0.09
Restudy Reach	284978	100-Year	Floodplain Existing	200000.00	-6.36	32.54	7.40	32.64	0.000036	3.12	104440.40	5550.20	0.09
Restudy Reach	284978	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-6.36	32.55	7.40	32.65	0.000036	3.12	104459.50	5550.44	0.09
Restudy Reach	284978	500-Year	Floodplain As Is	243000.00	-6.36	37.17	8.93	37.26	0.000029	3.04	130060.40	8441.51	0.09
Restudy Reach	284978	500-Year	Floodplain Existing	243000.00	-6.36	37.20	8.93	37.29	0.000029	3.04	130205.40	8455.12	0.09
Restudy Reach	284978	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-6.36	37.20	8.93	37.29	0.000029	3.04	130219.60	8455.53	0.09
Restudy Reach	283955	10-Year	Floodplain As Is	140000.00	-7.75	25.66	4.73	25.84	0.000071	3.84	56168.82	5354.82	0.13
Restudy Reach	283955	10-Year	Floodplain Existing	140000.00	-7.75	26.45	4.73	26.58	0.000045	3.25	68468.00	5569.77	0.10
Restudy Reach	283955	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-7.75	26.45	4.73	26.58	0.000045	3.25	68474.68	5569.89	0.10
Restudy Reach	283955	50-Year	Floodplain As Is	181000.00	-7.75	30.43	6.48	30.60	0.000056	3.77	77213.37	5681.10	0.12
Restudy Reach	283955	50-Year	Floodplain Existing	181000.00	-7.75	31.42	6.48	31.56	0.000048	3.59	81555.04	5728.86	0.11
Restudy Reach	283955	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-7.75	31.42	6.48	31.57	0.000048	3.59	81568.65	5728.98	0.11
Restudy Reach	283955	100-Year	Floodplain As Is	200000.00	-7.75	32.40	7.24	32.56	0.000052	3.77	85893.16	5795.56	0.11
Restudy Reach	283955	100-Year	Floodplain Existing	200000.00	-7.75	32.42	7.24	32.58	0.000051	3.77	86016.34	5798.04	0.11
Restudy Reach	283955	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-7.75	32.43	7.24	32.59	0.000051	3.77	86032.23	5798.36	0.11
Restudy Reach	283955	500-Year	Floodplain As Is	243000.00	-7.75	37.07	8.85	37.22	0.000042	3.71	106158.70	8234.52	0.10
Restudy Reach	283955	500-Year	Floodplain Existing	243000.00	-7.75	37.09	8.85	37.24	0.000042	3.71	106284.60	8249.01	0.10
Restudy Reach	283955	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-7.75	37.10	8.85	37.24	0.000042	3.71	106297.00	8250.43	0.10
Restudy Reach	283016	10-Year	Floodplain As Is	140000.00	-8.00	25.44	3.59	25.74	0.000097	4.59	45301.61	5546.56	0.15
Restudy Reach	283016	10-Year	Floodplain Existing	140000.00	-8.00	26.29	3.59	26.50	0.000065	3.99	54345.26	5667.24	0.12
Restudy Reach	283016	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-8.00	26.29	3.59	26.50	0.000065	3.99	54350.20	5667.31	0.12
Restudy Reach	283016	50-Year	Floodplain As Is	181000.00	-8.00	30.20	5.53	30.50	0.000084	4.74	60584.33	5935.47	0.14
Restudy Reach	283016	50-Year	Floodplain Existing	181000.00	-8.00	31.21	5.53	31.47	0.000074	4.54	63883.20	5990.90	0.14
Restudy Reach	283016	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-8.00	31.21	5.53	31.47	0.000074	4.54	63893.54	5991.40	0.14
Restudy Reach	283016	100-Year	Floodplain As Is	200000.00	-8.00	32.16	6.40	32.46	0.000081	4.81	67032.05	6227.63	0.14
Restudy Reach	283016	100-Year	Floodplain Existing	200000.00	-8.00	32.19	6.40	32.48	0.000080	4.81	67125.92	6236.58	0.14
Restudy Reach	283016	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-8.00	32.19	6.40	32.49	0.000080	4.81	67138.02	6237.73	0.14
Restudy Reach	283016	500-Year	Floodplain As Is	243000.00	-8.00	36.83	8.19	37.12	0.000070	4.88	83556.41	9060.26	0.14
Restudy Reach	283016	500-Year	Floodplain Existing	243000.00	-8.00	36.86	8.19	37.15	0.000070	4.88	83651.14	9065.70	0.14
Restudy Reach	283016	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-8.00	36.86	8.19	37.15	0.000070	4.88	83660.45	9066.24	0.14
Restudy Reach	282550	10-Year	Floodplain As Is	140000.00	-9.94	25.43	2.86	25.67	0.000077	4.12	49432.45	5845.15	0.13
Restudy Reach	282550	10-Year	Floodplain Existing	140000.00	-9.94	26.27	2.86	26.46	0.000054	3.69	56660.55	6018.40	0.11
Restudy Reach	282550	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-9.94	26.28	2.86	26.46	0.000054	3.69	56664.52	6018.53	0.11
Restudy Reach	282550	50-Year	Floodplain As Is	181000.00	-9.94	30.18	4.62	30.45	0.000073	4.46	61602.69	6276.47	0.13
Restudy Reach	282550	50-Year	Floodplain Existing	181000.00	-9.94	31.18	4.62	31.43	0.000066	4.31	64230.36	6550.52	0.13
Restudy Reach	282550	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-9.94	31.18	4.62	31.44	0.000066	4.31	64238.63	6551.96	0.13
Restudy Reach	282550	100-Year	Floodplain As Is	200000.00	-9.94	32.13	5.38	32.42	0.000073	4.61	66741.90	7148.39	0.14
Restudy Reach	282550	100-Year	Floodplain Existing	200000.00	-9.94	32.16	5.38	32.45	0.000073	4.61	66817.29	7161.83	0.14
Restudy Reach	282550	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-9.94	32.16	5.38	32.45	0.000073	4.61	66827.02	7163.66	0.14
Restudy Reach	282550	500-Year	Floodplain As Is	243000.00	-9.94	36.77	7.05	37.08	0.000069	4.85	80260.37	9451.16	0.13
Restudy Reach	282550	500-Year	Floodplain Existing	243000.00	-9.94	36.80	7.05	37.11	0.000068	4.84	80341.20	9453.64	0.13
Restudy Reach	282550	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-9.94	36.80	7.05	37.11	0.000068	4.84	80349.13	9453.85	0.13
Restudy Reach	282026	10-Year	Floodplain As Is	140000.00	-7.38	25.35	3.59	25.					

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	281583	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-6.75	32.02	5.76	32.31	0.000069	4.38	48846.49	7005.26	0.13
Restudy Reach	281583	500-Year	Floodplain As Is	243000.00	-6.75	36.62	7.15	36.94	0.000066	4.63	56878.32	9151.05	0.13
Restudy Reach	281583	500-Year	Floodplain Existing	243000.00	-6.75	36.65	7.15	36.97	0.000065	4.63	56929.20	9152.53	0.13
Restudy Reach	281583	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-6.75	36.65	7.15	36.97	0.000065	4.63	56934.20	9152.68	0.13
Restudy Reach	281420	10-Year	Floodplain As Is	140000.00	-6.14	25.27	3.96	25.51	0.000079	4.01	38444.11	5671.85	0.13
Restudy Reach	281420	10-Year	Floodplain Existing	140000.00	-6.14	28.15	3.96	28.35	0.000056	3.60	44332.19	6241.37	0.11
Restudy Reach	281420	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-6.14	28.15	3.96	28.35	0.000055	3.60	44335.36	6241.62	0.11
Restudy Reach	281420	50-Year	Floodplain As Is	181000.00	-6.14	30.01	5.44	30.29	0.000075	4.36	48135.13	6721.64	0.13
Restudy Reach	281420	50-Year	Floodplain Existing	181000.00	-6.14	31.02	5.44	31.29	0.000068	4.21	50237.64	7031.54	0.13
Restudy Reach	281420	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-6.14	31.03	5.44	31.29	0.000068	4.21	50244.25	7032.62	0.13
Restudy Reach	281420	100-Year	Floodplain As Is	200000.00	-6.14	31.95	6.09	32.25	0.000075	4.51	52157.58	7660.18	0.14
Restudy Reach	281420	100-Year	Floodplain Existing	200000.00	-6.14	31.98	6.09	32.29	0.000075	4.51	52217.30	7685.35	0.14
Restudy Reach	281420	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-6.14	31.99	6.09	32.29	0.000075	4.51	52225.03	7688.62	0.14
Restudy Reach	281420	500-Year	Floodplain As Is	243000.00	-6.14	36.58	7.49	36.92	0.000071	4.78	63074.69	9668.84	0.13
Restudy Reach	281420	500-Year	Floodplain Existing	243000.00	-6.14	36.61	7.49	36.95	0.000071	4.77	63138.64	9675.02	0.13
Restudy Reach	281420	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-6.14	36.61	7.49	36.95	0.000071	4.77	63144.93	9675.72	0.13
Restudy Reach	281000	10-Year	Floodplain As Is	140000.00	-5.64	25.24	4.09	25.47	0.000081	3.94	42440.00	6175.59	0.14
Restudy Reach	281000	10-Year	Floodplain Existing	140000.00	-5.64	28.14	4.09	28.32	0.000056	3.51	48787.50	6590.02	0.11
Restudy Reach	281000	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-5.64	28.14	4.09	28.32	0.000056	3.51	48790.96	6590.29	0.11
Restudy Reach	281000	50-Year	Floodplain As Is	181000.00	-5.64	29.99	5.81	30.25	0.000076	4.24	52941.67	7087.71	0.13
Restudy Reach	281000	50-Year	Floodplain Existing	181000.00	-5.64	31.01	5.81	31.25	0.000067	4.09	55263.51	7498.50	0.13
Restudy Reach	281000	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-5.64	31.01	5.81	31.26	0.000067	4.09	55270.86	7499.58	0.13
Restudy Reach	281000	100-Year	Floodplain As Is	200000.00	-5.64	31.93	6.52	32.22	0.000074	4.38	57404.05	8092.83	0.13
Restudy Reach	281000	100-Year	Floodplain Existing	200000.00	-5.64	31.96	6.52	32.24	0.000074	4.38	57471.07	8107.07	0.13
Restudy Reach	281000	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-5.64	31.97	6.52	32.25	0.000074	4.38	57479.73	8108.98	0.13
Restudy Reach	281000	500-Year	Floodplain As Is	243000.00	-5.64	36.57	8.12	36.88	0.000068	4.59	70362.80	9689.02	0.13
Restudy Reach	281000	500-Year	Floodplain Existing	243000.00	-5.64	36.60	8.12	36.90	0.000068	4.59	70436.17	9697.53	0.13
Restudy Reach	281000	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-5.64	36.60	8.12	36.90	0.000068	4.59	70443.38	9698.37	0.13
Restudy Reach	280500	10-Year	Floodplain As Is	140000.00	-6.01	25.22	3.71	25.42	0.000071	3.74	48418.46	6535.05	0.13
Restudy Reach	280500	10-Year	Floodplain Existing	140000.00	-6.01	28.12	3.71	28.28	0.000049	3.33	56056.25	6913.38	0.11
Restudy Reach	280500	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-6.01	28.12	3.71	28.28	0.000049	3.33	56060.45	6913.56	0.11
Restudy Reach	280500	50-Year	Floodplain As Is	181000.00	-6.01	29.97	5.30	30.20	0.000065	3.98	46664.75	7188.78	0.12
Restudy Reach	280500	50-Year	Floodplain Existing	181000.00	-6.01	31.00	5.30	31.20	0.000058	3.83	47788.05	7899.39	0.12
Restudy Reach	280500	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-6.01	31.00	5.30	31.21	0.000058	3.83	47797.87	7902.89	0.12
Restudy Reach	280500	100-Year	Floodplain As Is	200000.00	-6.01	31.92	5.95	32.16	0.000064	4.10	70617.66	8357.61	0.12
Restudy Reach	280500	100-Year	Floodplain Existing	200000.00	-6.01	31.95	5.95	32.19	0.000063	4.09	70706.16	8371.52	0.12
Restudy Reach	280500	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-6.01	31.96	5.95	32.19	0.000063	4.09	70717.63	8373.31	0.12
Restudy Reach	280500	500-Year	Floodplain As Is	243000.00	-6.01	36.57	7.32	36.82	0.000058	4.27	86276.78	9656.66	0.12
Restudy Reach	280500	500-Year	Floodplain Existing	243000.00	-6.01	36.60	7.32	36.84	0.000058	4.27	86370.06	9661.06	0.12
Restudy Reach	280500	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-6.01	36.60	7.32	36.85	0.000058	4.27	86379.23	9661.59	0.12
Restudy Reach	279999	10-Year	Floodplain As Is	140000.00	-5.75	25.19	4.27	25.38	0.000068	3.62	52881.93	7198.56	0.12
Restudy Reach	279999	10-Year	Floodplain Existing	140000.00	-5.75	28.11	4.27	28.25	0.000046	3.19	63233.70	7359.76	0.10
Restudy Reach	279999	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-5.75	28.11	4.27	28.25	0.000046	3.19	63239.25	7359.84	0.10
Restudy Reach	279999	50-Year	Floodplain As Is	181000.00	-5.75	29.95	5.76	30.16	0.000061	3.83	69569.57	7675.98	0.12
Restudy Reach	279999	50-Year	Floodplain Existing	181000.00	-5.75	30.98	5.76	31.16	0.000054	3.68	73652.15	8331.32	0.11
Restudy Reach	279999	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-5.75	30.98	5.76	31.17	0.000054	3.68	73663.90	8333.26	0.11
Restudy Reach	279999	100-Year	Floodplain As Is	200000.00	-5.75	31.90	6.41	32.12	0.000059	3.93	76582.77	8881.90	0.12
Restudy Reach	279999	100-Year	Floodplain Existing	200000.00	-5.75	31.93	6.41	32.15	0.000059	3.92	77136.58	8939.51	0.12
Restudy Reach	279999	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-5.75	31.94	6.41	32.15	0.000059	3.92	77150.30	8942.24	0.12
Restudy Reach	279999	500-Year	Floodplain As Is	243000.00	-5.75	36.56	7.80	36.78	0.000053	4.05	96501.31	9980.76	0.12
Restudy Reach	279999	500-Year	Floodplain Existing	243000.00	-5.75	36.58	7.80	36.80	0.000053	4.04	97075.36	9924.27	0.12
Restudy Reach	279999	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-5.75	36.59	7.80	36.80	0.000053	4.04	97086.45	9924.66	0.12
Restudy Reach	279484	10-Year	Floodplain As Is	140000.00	-6.51	25.16	4.58	25.34	0.000065	3.53	58157.43	8023.72	0.12
Restudy Reach	279484	10-Year	Floodplain Existing	140000.00	-6.51	28.09	4.58	28.22	0.000043	3.10	69979.48	8096.93	0.10
Restudy Reach	279484	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-6.51	28.09	4.58	28.22	0.000043	3.10	69985.85	8096.95	0.10
Restudy Reach	279484	50-Year	Floodplain As Is	181000.00	-6.51	29.93	5.97	30.12	0.000057	3.71	77687.21	8406.90	0.12
Restudy Reach	279484	50-Year	Floodplain Existing	181000.00	-6.51	30.96	5.97	31.13	0.000051	3.56	81854.02	8554.94	0.11
Restudy Reach	279484	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-6.51	30.96	5.97	31.13	0.000051	3.56	81867.66	8555.46	0.11
Restudy Reach	279484	100-Year	Floodplain As Is	200000.00	-6.51	31.89	6.57	32.08	0.000055	3.79	85985.02	8733.28	0.12
Restudy Reach	279484	100-Year	Floodplain Existing	200000.00	-6.51	31.91	6.57	32.11	0.000055	3.79	85902.10	8710.50	0.12
Restudy Reach	279484	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-6.51	31.92	6.57	32.11	0.000055	3.79	85918.19	8710.71	0.12
Restudy Reach	279484	500-Year	Floodplain As Is	243000.00	-6.51	36.55	7.87	36.73	0.000046	3.77	116927.40	9549.96	0.11
Restudy Reach	279484	500-Year	Floodplain Existing	243000.00	-6.51	36.58	7.88	36.76	0.000046	3.77	116873.70	9550.09	0.11
Restudy Reach	279484	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-6.51	36.58	7.88	36.76	0.000046	3.77	116886.50	9550.10	0.11
Restudy Reach	278987	10-Year	Floodplain As Is	140000.00	-6.22	25.14	5.12	25.30	0.000067	3.45	63209.02	7807.10	0.12
Restudy Reach	278987	10-Year	Floodplain Existing	140000.00	-6.22	28.08	5.12	28.19	0.000043	2.98	75865.44	7874.73	0.10
Restudy Reach	278987	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-6.22	28.08	5.12	28.19	0.000043	2.98	75482.36	7836.77	0.10
Restudy Reach	278987	50-Year	Floodplain As Is	181000.00	-6.22	29.92	6.62	30.07	0.000054	3.50	85064.81	8659.94	0.11
Restudy Reach	278987	50-Year	Floodplain Existing	181000.00	-6.22	30.95	6.62	31.09	0.000048	3.36	89242.83	8818.29	0.11
Restudy Reach	278987	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-6.22	30.95	6.62	31.09	0.000048	3.37	89430.97	8842.62	0.11
Restudy Reach	278987	100-Year	Floodplain As Is	200000.00	-6.22	31.88	7.27	32.03	0.000051	3.54	94359.17	9114.30	0.11
Restudy Reach	278987	100-Year	Floodplain Existing	200000.00	-6.22	31.90	7.27	32.06	0.000052	3.56	93766.20	8988.41	0.11
Restudy Reach	278987	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-6.22	31.91	7.27	32.07	0.000052	3.57	92790.79	8839.50	0.11
Restudy Reach	278987	500-Year	Floodplain As Is	243000.00	-6.22	36.55	8.68	36.69	0.000040	3.43	129041.00	9170.67	0.10
Restudy Reach	278987	500-Year	Floodplain Existing	243000.00	-6.22	36.58	8.68	36.71	0.000040	3.45	128453.30	9170.78	0.10
Restudy Reach	278987	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-6.22	36.58	8.68	36.72	0.000041	3.46	127420.00	9170.78	0.10
Restudy Reach	278520	10-Year	Floodplain As Is	140000.00	-6.11	25.13	5.04	25.25	0.000051	3.06	70444.48	7245.23	0.11
Restudy Reach	278520	10-Year	Floodplain Existing	140000.00	-6.11	28.08	5.04	28.16	0.000032	2.59	84436.80	7710.81	0.09
Restudy Reach	278520	10-Year	Floodplain Run Proposed 7-2-2025	140000.00	-6.11	28.09	5.04	28.15	0.000027	2.42	90522.27	7510.93	0.08
Restudy Reach	278520	50-Year	Floodplain As Is	181000.00	-6.11	29.92	6.76	30.03	0.000039	3.01			

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	277487	10-Year	Floodplain As Is	138000.00	-7.03	25.11	4.44	25.19	0.000036	2.62	83579.45	5905.45	0.09
Restudy Reach	277487	10-Year	Floodplain Existing	138000.00	-7.03	28.06	4.44	28.12	0.000022	2.21	98740.64	6143.05	0.07
Restudy Reach	277487	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-7.03	28.06	4.44	28.12	0.000022	2.22	99229.13	6142.98	0.07
Restudy Reach	277487	50-Year	Floodplain As Is	181000.00	-7.03	29.90	5.81	29.98	0.000029	2.67	106625.20	6256.69	0.08
Restudy Reach	277487	50-Year	Floodplain Existing	181000.00	-7.03	30.94	5.81	31.01	0.000026	2.53	113817.70	6287.36	0.08
Restudy Reach	277487	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-7.03	30.94	5.81	31.01	0.000026	2.54	114304.40	6287.33	0.08
Restudy Reach	277487	100-Year	Floodplain As Is	200000.00	-7.03	31.86	6.37	31.94	0.000028	2.69	118923.90	6437.87	0.08
Restudy Reach	277487	100-Year	Floodplain Existing	200000.00	-7.03	31.89	6.37	31.97	0.000028	2.67	118839.50	6453.15	0.08
Restudy Reach	277487	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-7.03	31.89	6.37	31.97	0.000028	2.69	119325.70	6452.79	0.08
Restudy Reach	277487	500-Year	Floodplain As Is	243000.00	-7.03	36.54	7.59	36.61	0.000022	2.65	151759.30	6967.67	0.08
Restudy Reach	277487	500-Year	Floodplain Existing	243000.00	-7.03	36.56	7.60	36.64	0.000022	2.63	151673.30	6968.30	0.08
Restudy Reach	277487	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-7.03	36.56	7.60	36.64	0.000023	2.65	152158.70	6968.28	0.08
Restudy Reach	277324	10-Year	Floodplain Existing	138000.00	-7.03	28.04	4.45	28.11	0.000025	2.36	89936.66	5862.86	0.08
Restudy Reach	277324	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-7.03	28.04	4.45	28.11	0.000025	2.36	89674.07	5862.51	0.08
Restudy Reach	277324	50-Year	Floodplain Existing	181000.00	-7.03	30.91	5.82	30.99	0.000029	2.69	104149.60	6003.91	0.08
Restudy Reach	277324	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-7.03	30.91	5.82	30.99	0.000029	2.69	103886.30	6003.55	0.08
Restudy Reach	277324	100-Year	Floodplain Existing	200000.00	-7.03	31.86	6.39	31.95	0.000032	2.85	108878.80	6074.49	0.09
Restudy Reach	277324	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-7.03	31.86	6.39	31.95	0.000032	2.85	108615.20	6074.12	0.09
Restudy Reach	277324	500-Year	Floodplain Existing	243000.00	-7.03	36.55	7.62	36.62	0.000024	2.73	139480.80	6685.35	0.08
Restudy Reach	277324	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-7.03	36.55	7.62	36.62	0.000024	2.73	139216.30	6685.00	0.08
Restudy Reach	276987	10-Year	Floodplain As Is	138000.00	-6.61	25.04	5.13	25.17	0.000053	3.11	66750.55	5118.73	0.11
Restudy Reach	276987	10-Year	Floodplain Existing	138000.00	-6.61	28.01	5.13	28.09	0.000032	2.62	81568.30	5383.46	0.09
Restudy Reach	276987	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-6.61	28.01	5.13	28.09	0.000032	2.62	81568.30	5383.46	0.09
Restudy Reach	276987	50-Year	Floodplain As Is	181000.00	-6.61	29.84	6.59	29.96	0.000042	3.13	89950.79	5597.23	0.10
Restudy Reach	276987	50-Year	Floodplain Existing	181000.00	-6.61	30.88	6.59	30.98	0.000036	2.97	95497.90	5719.00	0.09
Restudy Reach	276987	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-6.61	30.88	6.59	30.98	0.000036	2.97	95497.90	5719.00	0.09
Restudy Reach	276987	100-Year	Floodplain As Is	200000.00	-6.61	31.81	7.21	31.92	0.000039	3.14	99521.87	5929.94	0.10
Restudy Reach	276987	100-Year	Floodplain Existing	200000.00	-6.61	31.83	7.21	31.94	0.000039	3.13	100132.00	5933.00	0.10
Restudy Reach	276987	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-6.61	31.83	7.21	31.94	0.000039	3.13	100132.00	5933.00	0.10
Restudy Reach	276987	500-Year	Floodplain As Is	243000.00	-6.61	36.48	8.51	36.59	0.000033	3.13	122340.20	6238.26	0.09
Restudy Reach	276987	500-Year	Floodplain Existing	243000.00	-6.61	36.51	8.51	36.61	0.000032	3.12	122960.20	6241.72	0.09
Restudy Reach	276987	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-6.61	36.51	8.51	36.61	0.000032	3.12	122960.20	6241.72	0.09
Restudy Reach	276911	10-Year	Floodplain Existing	138000.00	-6.61	28.00	5.12	28.08	0.000032	2.56	79365.12	5339.16	0.09
Restudy Reach	276911	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-6.61	28.00	5.12	28.08	0.000032	2.56	79365.12	5339.16	0.09
Restudy Reach	276911	50-Year	Floodplain Existing	181000.00	-6.61	30.87	6.64	30.96	0.000035	2.88	93216.20	5603.71	0.09
Restudy Reach	276911	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-6.61	30.87	6.64	30.96	0.000035	2.88	93216.20	5603.71	0.09
Restudy Reach	276911	100-Year	Floodplain Existing	200000.00	-6.61	31.82	7.27	31.92	0.000038	3.04	97880.88	5728.20	0.09
Restudy Reach	276911	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-6.61	31.82	7.27	31.92	0.000038	3.04	97880.88	5728.20	0.09
Restudy Reach	276911	500-Year	Floodplain Existing	243000.00	-6.61	36.50	8.59	36.59	0.000030	2.96	130647.20	6219.72	0.09
Restudy Reach	276911	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-6.61	36.50	8.59	36.59	0.000030	2.96	130647.20	6219.72	0.09
Restudy Reach	276502	10-Year	Floodplain As Is	138000.00	-8.24	25.02	4.35	25.14	0.000052	3.12	66860.64	4644.69	0.11
Restudy Reach	276502	10-Year	Floodplain Existing	138000.00	-8.24	27.98	4.35	28.06	0.000032	2.65	81160.98	4934.27	0.09
Restudy Reach	276502	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-8.24	27.98	4.35	28.06	0.000032	2.65	81160.98	4934.27	0.09
Restudy Reach	276502	50-Year	Floodplain As Is	181000.00	-8.24	29.82	5.86	29.94	0.000043	3.18	88996.53	5244.62	0.10
Restudy Reach	276502	50-Year	Floodplain Existing	181000.00	-8.24	30.84	5.86	30.94	0.000037	3.02	94400.86	5405.68	0.09
Restudy Reach	276502	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-8.24	30.84	5.86	30.94	0.000037	3.02	94400.86	5405.68	0.09
Restudy Reach	276502	100-Year	Floodplain As Is	200000.00	-8.24	31.78	6.49	31.90	0.000040	3.20	98146.51	5591.12	0.10
Restudy Reach	276502	100-Year	Floodplain Existing	200000.00	-8.24	31.78	6.49	31.90	0.000039	3.19	98813.38	5590.71	0.10
Restudy Reach	276502	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-8.24	31.78	6.49	31.90	0.000039	3.19	98813.38	5590.71	0.10
Restudy Reach	276502	500-Year	Floodplain As Is	243000.00	-8.24	36.46	7.84	36.58	0.000033	3.20	119995.40	6092.57	0.09
Restudy Reach	276502	500-Year	Floodplain Existing	243000.00	-8.24	36.46	7.84	36.58	0.000033	3.20	120662.00	6093.01	0.09
Restudy Reach	276502	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-8.24	36.46	7.84	36.58	0.000033	3.20	120662.00	6093.01	0.09
Restudy Reach	275999	10-Year	Floodplain As Is	138000.00	-6.49	24.97	4.48	25.11	0.000055	3.24	64999.50	4582.56	0.11
Restudy Reach	275999	10-Year	Floodplain Existing	138000.00	-6.49	27.95	4.48	28.05	0.000035	2.78	78665.00	4940.49	0.09
Restudy Reach	275999	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-6.49	27.95	4.48	28.05	0.000035	2.78	78665.00	4940.49	0.09
Restudy Reach	275999	50-Year	Floodplain As Is	181000.00	-6.49	29.77	5.95	29.91	0.000048	3.37	86271.55	4991.35	0.11
Restudy Reach	275999	50-Year	Floodplain Existing	181000.00	-6.49	30.79	5.95	30.92	0.000041	3.21	91375.13	5135.86	0.10
Restudy Reach	275999	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-6.49	30.79	5.95	30.92	0.000041	3.21	91375.13	5135.86	0.10
Restudy Reach	275999	100-Year	Floodplain As Is	200000.00	-6.49	31.73	6.56	31.88	0.000045	3.42	95074.65	5671.68	0.11
Restudy Reach	275999	100-Year	Floodplain Existing	200000.00	-6.49	31.73	6.56	31.88	0.000045	3.41	95600.79	5671.88	0.10
Restudy Reach	275999	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-6.49	31.73	6.56	31.88	0.000045	3.41	95600.79	5671.88	0.10
Restudy Reach	275999	500-Year	Floodplain As Is	243000.00	-6.49	36.41	7.87	36.56	0.000039	3.48	116327.60	5916.89	0.10
Restudy Reach	275999	500-Year	Floodplain Existing	243000.00	-6.49	36.41	7.87	36.56	0.000039	3.47	116858.00	5917.32	0.10
Restudy Reach	275999	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-6.49	36.41	7.87	36.56	0.000039	3.47	116858.00	5917.32	0.10
Restudy Reach	275489	10-Year	Floodplain As Is	138000.00	-7.15	24.96	4.18	25.08	0.000049	3.05	63317.91	4135.64	0.10
Restudy Reach	275489	10-Year	Floodplain Existing	138000.00	-7.15	27.94	4.18	28.03	0.000031	2.61	76134.62	4565.24	0.09
Restudy Reach	275489	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-7.15	27.94	4.18	28.03	0.000031	2.61	76134.62	4565.24	0.09
Restudy Reach	275489	50-Year	Floodplain As Is	181000.00	-7.15	29.76	5.61	29.88	0.000042	3.15	83358.44	4631.44	0.10
Restudy Reach	275489	50-Year	Floodplain Existing	181000.00	-7.15	30.78	5.60	30.90	0.000036	3.01	88097.10	4846.33	0.09
Restudy Reach	275489	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-7.15	30.78	5.60	30.90	0.000036	3.01	88097.10	4846.33	0.09
Restudy Reach	275489	100-Year	Floodplain As Is	200000.00	-7.15	31.72	6.18	31.85	0.000040	3.20	91629.61	5071.53	0.10
Restudy Reach	275489	100-Year	Floodplain Existing	200000.00	-7.15	31.73	6.19	31.85	0.000039	3.19	92064.75	5073.42	0.10
Restudy Reach	275489	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-7.15	31.73	6.19	31.85	0.000039	3.19	92064.75	5073.42	0.10
Restudy Reach	275489	500-Year	Floodplain As Is	243000.00	-7.15	36.41	7.44	36.53	0.000034	3.24	111448.00	5655.75	0.09
Restudy Reach	275489	500-Year	Floodplain Existing	243000.00	-7.15	36.41	7.44	36.53	0.000034	3.23	111887.20	5656.34	0.09
Restudy Reach	275489	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-7.15	36.41	7.44	36.53	0.000034	3.23	111887.20	5656.34	0.09
Restudy Reach	274995	10-Year	Floodplain As Is	138000.00	-6.52	24.93	3.90	25.06	0.000049	3.10	64131.11	4006.70	0.11
Restudy Reach	274995	10-Year	Floodplain Existing	138000.00	-6.52	27.91	3.90	28.01	0.000032	2.69	75210.38	4038.21	0.09
Restudy Reach	274995	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-6.52	27.91	3.90	28.01	0.000032	2.69	75210.38	4038.21	0.09
Restudy Reach	274995	50-Year	Floodplain As Is	181000.00	-6.52	29.72	5.3						

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	274013	10-Year	Floodplain As Is	138000.00	-7.06	24.87	3.72	25.01	0.000052	3.23	63144.54	3854.31	0.11
Restudy Reach	274013	10-Year	Floodplain Existing	138000.00	-7.06	27.88	3.72	27.97	0.000033	2.78	74992.00	4183.91	0.09
Restudy Reach	274013	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-7.06	27.88	3.72	27.97	0.000033	2.78	74992.00	4183.91	0.09
Restudy Reach	274013	50-Year	Floodplain As Is	181000.00	-7.06	29.67	5.22	29.81	0.000046	3.38	81256.34	4490.15	0.10
Restudy Reach	274013	50-Year	Floodplain Existing	181000.00	-7.06	30.71	5.22	30.84	0.000040	3.23	85714.06	4515.97	0.10
Restudy Reach	274013	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-7.06	30.71	5.22	30.84	0.000040	3.23	85714.06	4515.97	0.10
Restudy Reach	274013	100-Year	Floodplain As Is	200000.00	-7.06	31.64	5.83	31.78	0.000044	3.44	88701.32	4532.04	0.10
Restudy Reach	274013	100-Year	Floodplain Existing	200000.00	-7.06	31.64	5.83	31.78	0.000043	3.43	89252.71	4533.12	0.10
Restudy Reach	274013	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-7.06	31.64	5.83	31.78	0.000043	3.43	89252.71	4533.12	0.10
Restudy Reach	274013	500-Year	Floodplain As Is	243000.00	-7.06	36.32	7.16	36.47	0.000038	3.52	106508.20	4684.19	0.10
Restudy Reach	274013	500-Year	Floodplain Existing	243000.00	-7.06	36.33	7.16	36.47	0.000038	3.50	107071.00	4686.73	0.10
Restudy Reach	274013	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-7.06	36.33	7.16	36.47	0.000038	3.50	107071.00	4686.73	0.10
Restudy Reach	273500	10-Year	Floodplain As Is	138000.00	-12.00	24.81	3.06	24.97	0.000058	3.39	59820.97	4105.91	0.12
Restudy Reach	273500	10-Year	Floodplain Existing	138000.00	-12.00	27.83	3.07	27.95	0.000039	2.95	72135.56	4327.20	0.10
Restudy Reach	273500	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.00	27.83	3.07	27.95	0.000039	2.95	72135.56	4327.20	0.10
Restudy Reach	273500	50-Year	Floodplain As Is	181000.00	-12.00	29.60	4.58	29.78	0.000054	3.62	78455.28	4393.74	0.11
Restudy Reach	273500	50-Year	Floodplain Existing	181000.00	-12.00	30.65	4.58	30.81	0.000047	3.46	83110.86	4417.09	0.11
Restudy Reach	273500	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.00	30.65	4.58	30.81	0.000047	3.46	83110.86	4417.09	0.11
Restudy Reach	273500	100-Year	Floodplain As Is	200000.00	-12.00	31.57	5.22	31.75	0.000052	3.71	86118.42	4425.25	0.11
Restudy Reach	273500	100-Year	Floodplain Existing	200000.00	-12.00	31.57	5.22	31.76	0.000051	3.69	86721.08	4425.69	0.11
Restudy Reach	273500	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.00	31.57	5.22	31.76	0.000051	3.69	86721.08	4425.69	0.11
Restudy Reach	273500	500-Year	Floodplain As Is	243000.00	-12.00	36.25	6.62	36.44	0.000047	3.83	104434.00	4575.73	0.11
Restudy Reach	273500	500-Year	Floodplain Existing	243000.00	-12.00	36.25	6.62	36.44	0.000046	3.81	105047.30	4580.12	0.11
Restudy Reach	273500	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-12.00	36.25	6.62	36.44	0.000046	3.81	105047.30	4580.12	0.11
Restudy Reach	272987	10-Year	Floodplain As Is	138000.00	-12.00	24.80	3.16	24.94	0.000052	3.13	63436.50	3986.20	0.11
Restudy Reach	272987	10-Year	Floodplain Existing	138000.00	-12.00	27.83	3.16	27.93	0.000034	2.71	76622.82	4051.86	0.09
Restudy Reach	272987	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.00	27.83	3.16	27.93	0.000034	2.71	76622.82	4051.86	0.09
Restudy Reach	272987	50-Year	Floodplain As Is	181000.00	-12.00	29.60	4.85	29.75	0.000047	3.32	82783.66	4061.88	0.11
Restudy Reach	272987	50-Year	Floodplain Existing	181000.00	-12.00	30.65	4.84	30.78	0.000041	3.16	88060.83	4070.44	0.10
Restudy Reach	272987	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.00	30.65	4.84	30.78	0.000041	3.16	88060.83	4070.44	0.10
Restudy Reach	272987	100-Year	Floodplain As Is	200000.00	-12.00	31.57	5.53	31.72	0.000046	3.39	90780.93	4075.02	0.10
Restudy Reach	272987	100-Year	Floodplain Existing	200000.00	-12.00	31.57	5.54	31.72	0.000045	3.37	91830.09	4076.52	0.10
Restudy Reach	272987	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.00	31.57	5.54	31.72	0.000045	3.37	91830.09	4076.52	0.10
Restudy Reach	272987	500-Year	Floodplain As Is	243000.00	-12.00	36.25	7.03	36.41	0.000041	3.48	110248.50	4443.19	0.10
Restudy Reach	272987	500-Year	Floodplain Existing	243000.00	-12.00	36.26	7.04	36.41	0.000040	3.47	111313.00	4446.42	0.10
Restudy Reach	272987	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-12.00	36.26	7.04	36.41	0.000040	3.47	111313.00	4446.42	0.10
Restudy Reach	272749	10-Year	Floodplain As Is	138000.00	-12.00	24.77	2.95	24.92	0.000060	3.37	61976.02	3803.51	0.12
Restudy Reach	272749	10-Year	Floodplain Existing	138000.00	-12.00	27.81	2.94	27.92	0.000039	2.90	74733.60	3842.36	0.09
Restudy Reach	272749	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.00	27.81	2.94	27.92	0.000039	2.90	74733.60	3842.36	0.09
Restudy Reach	272749	50-Year	Floodplain As Is	181000.00	-12.00	29.57	4.77	29.73	0.000055	3.57	80361.77	3901.93	0.11
Restudy Reach	272749	50-Year	Floodplain Existing	181000.00	-12.00	30.62	4.77	30.77	0.000048	3.38	85576.32	3964.61	0.11
Restudy Reach	272749	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.00	30.62	4.77	30.77	0.000048	3.38	85576.32	3964.61	0.11
Restudy Reach	272749	100-Year	Floodplain As Is	200000.00	-12.00	31.53	5.61	31.70	0.000053	3.64	87969.85	4062.37	0.11
Restudy Reach	272749	100-Year	Floodplain Existing	200000.00	-12.00	31.54	5.62	31.71	0.000052	3.61	89153.81	4065.03	0.11
Restudy Reach	272749	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.00	31.54	5.62	31.71	0.000052	3.61	89153.81	4065.03	0.11
Restudy Reach	272749	500-Year	Floodplain As Is	243000.00	-12.00	36.22	7.34	36.39	0.000048	3.74	108428.60	4455.90	0.11
Restudy Reach	272749	500-Year	Floodplain Existing	243000.00	-12.00	36.23	7.33	36.40	0.000047	3.70	109634.30	4460.93	0.11
Restudy Reach	272749	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-12.00	36.23	7.33	36.40	0.000047	3.70	109634.30	4460.93	0.11
Restudy Reach	272501	10-Year	Floodplain As Is	138000.00	-12.06	24.75	3.06	24.90	0.000062	3.30	60988.60	3800.81	0.12
Restudy Reach	272501	10-Year	Floodplain Existing	138000.00	-12.06	27.80	3.06	27.91	0.000040	2.85	73699.59	3828.22	0.09
Restudy Reach	272501	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.06	27.80	3.06	27.91	0.000040	2.85	73699.59	3828.22	0.09
Restudy Reach	272501	50-Year	Floodplain As Is	181000.00	-12.06	29.56	4.98	29.72	0.000056	3.48	79319.34	3837.34	0.11
Restudy Reach	272501	50-Year	Floodplain Existing	181000.00	-12.06	30.61	4.98	30.75	0.000048	3.32	84481.25	3846.61	0.10
Restudy Reach	272501	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.06	30.61	4.98	30.75	0.000048	3.32	84481.25	3846.61	0.10
Restudy Reach	272501	100-Year	Floodplain As Is	200000.00	-12.06	31.52	5.74	31.69	0.000054	3.55	86878.21	3867.16	0.11
Restudy Reach	272501	100-Year	Floodplain Existing	200000.00	-12.06	31.53	5.74	31.69	0.000053	3.53	88029.30	3869.17	0.11
Restudy Reach	272501	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.06	31.53	5.74	31.69	0.000053	3.53	88029.30	3869.17	0.11
Restudy Reach	272501	500-Year	Floodplain As Is	243000.00	-12.06	36.21	7.33	36.38	0.000048	3.64	106412.50	4436.58	0.11
Restudy Reach	272501	500-Year	Floodplain Existing	243000.00	-12.06	36.22	7.34	36.39	0.000047	3.62	107587.30	4441.13	0.10
Restudy Reach	272501	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-12.06	36.22	7.34	36.39	0.000047	3.62	107587.30	4441.13	0.10
Restudy Reach	271974	10-Year	Floodplain As Is	138000.00	-12.68	24.71	2.88	24.87	0.000069	3.38	58951.11	3689.44	0.12
Restudy Reach	271974	10-Year	Floodplain Existing	138000.00	-12.68	27.77	2.88	27.89	0.000045	2.92	71160.13	3721.27	0.10
Restudy Reach	271974	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.68	27.77	2.88	27.89	0.000045	2.92	71160.13	3721.27	0.10
Restudy Reach	271974	50-Year	Floodplain As Is	181000.00	-12.68	29.51	4.91	29.68	0.000063	3.57	76757.69	3728.05	0.12
Restudy Reach	271974	50-Year	Floodplain Existing	181000.00	-12.68	30.57	4.91	30.72	0.000055	3.40	81616.40	3746.31	0.11
Restudy Reach	271974	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.68	30.57	4.91	30.72	0.000055	3.40	81616.40	3746.31	0.11
Restudy Reach	271974	100-Year	Floodplain As Is	200000.00	-12.68	31.48	5.95	31.65	0.000061	3.65	84107.63	3751.45	0.11
Restudy Reach	271974	100-Year	Floodplain Existing	200000.00	-12.68	31.49	5.95	31.66	0.000060	3.63	85055.77	3756.99	0.11
Restudy Reach	271974	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.68	31.49	5.95	31.66	0.000060	3.63	85055.77	3756.99	0.11
Restudy Reach	271974	500-Year	Floodplain As Is	243000.00	-12.68	36.17	8.11	36.35	0.000054	3.74	102007.80	3910.39	0.11
Restudy Reach	271974	500-Year	Floodplain Existing	243000.00	-12.68	36.18	8.11	36.36	0.000053	3.72	102983.50	3913.75	0.11
Restudy Reach	271974	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-12.68	36.18	8.11	36.36	0.000053	3.72	102983.50	3913.75	0.11
Restudy Reach	271849	10-Year	Floodplain Existing	138000.00	-12.68	27.74	2.88	27.86	0.000045	2.98	68346.24	3599.43	0.10
Restudy Reach	271849	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.68	27.74	2.88	27.86	0.000045	2.98	68346.24	3599.43	0.10
Restudy Reach	271849	50-Year	Floodplain Existing	181000.00	-12.68	30.53	4.75	30.70	0.000055	3.48	78434.83	3627.06	0.11
Restudy Reach	271849	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.68	30.53	4.75	30.70	0.000055	3.48	78434.83	3627.06	0.11
Restudy Reach	271849	100-Year	Floodplain Existing	200000.00	-12.68	31.44	5.80	31.63	0.000060	3.71	81747.77	3634.68	0.12
Restudy Reach	271849	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.68	31.44	5.80	31.63	0.000060	3.71	81747.77	3634.68	0.12
Restudy Reach	271849	500-Year	Floodplain Existing	243000.00	-12.68	36.14	7.70	36.33	0.000054	3.82	98905.33	3679.14	0.11
Restudy Reach	271849	500-Year	Floodplain Run Proposed 7										

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	270995	500-Year	Floodplain As Is	243000.00	-13.20	36.02	6.87	36.29	0.000057	4.27	69927.78	2364.84	0.12
Restudy Reach	270995	500-Year	Floodplain Existing	243000.00	-13.20	36.01	6.86	36.27	0.000056	4.24	70734.16	2364.91	0.12
Restudy Reach	270995	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-13.20	36.01	6.86	36.27	0.000056	4.24	70734.16	2364.91	0.12
Restudy Reach	270466	10-Year	Floodplain As Is	138000.00	-12.97	24.51	2.48	24.76	0.000081	3.97	39707.34	2207.24	0.13
Restudy Reach	270466	10-Year	Floodplain Existing	138000.00	-12.97	27.61	2.48	27.79	0.000054	3.50	47214.10	2231.70	0.11
Restudy Reach	270466	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.97	27.61	2.48	27.79	0.000054	3.50	47214.10	2231.70	0.11
Restudy Reach	270466	50-Year	Floodplain As Is	181000.00	-12.97	29.29	4.78	29.57	0.000077	4.34	50329.61	2240.25	0.14
Restudy Reach	270466	50-Year	Floodplain Existing	181000.00	-12.97	30.35	4.78	30.61	0.000068	4.16	53356.30	2248.05	0.13
Restudy Reach	270466	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.97	30.35	4.78	30.61	0.000068	4.16	53356.30	2248.05	0.13
Restudy Reach	270466	100-Year	Floodplain As Is	200000.00	-12.97	31.25	5.55	31.55	0.000076	4.48	54722.77	2252.18	0.14
Restudy Reach	270466	100-Year	Floodplain Existing	200000.00	-12.97	31.24	5.55	31.53	0.000076	4.46	55351.83	2253.32	0.14
Restudy Reach	270466	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.97	31.24	5.55	31.53	0.000076	4.46	55351.83	2253.32	0.14
Restudy Reach	270466	500-Year	Floodplain As Is	243000.00	-12.97	35.92	7.32	36.25	0.000070	4.70	65322.75	2279.06	0.13
Restudy Reach	270466	500-Year	Floodplain Existing	243000.00	-12.97	35.92	7.32	36.24	0.000070	4.68	65967.03	2281.12	0.13
Restudy Reach	270466	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-12.97	35.92	7.32	36.24	0.000070	4.68	65967.03	2281.12	0.13
Restudy Reach	269984	10-Year	Floodplain As Is	138000.00	-12.45	24.47	2.00	24.72	0.000079	4.05	40054.55	2174.93	0.13
Restudy Reach	269984	10-Year	Floodplain Existing	138000.00	-12.45	27.58	2.00	27.77	0.000053	3.56	47839.87	2192.33	0.11
Restudy Reach	269984	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.45	27.58	2.00	27.77	0.000053	3.56	47839.87	2192.33	0.11
Restudy Reach	269984	50-Year	Floodplain As Is	181000.00	-12.45	29.25	4.22	29.54	0.000077	4.43	50505.59	2199.43	0.14
Restudy Reach	269984	50-Year	Floodplain Existing	181000.00	-12.45	30.31	4.22	30.57	0.000067	4.24	53853.62	2206.30	0.13
Restudy Reach	269984	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.45	30.31	4.22	30.57	0.000067	4.24	53853.62	2206.30	0.13
Restudy Reach	269984	100-Year	Floodplain As Is	200000.00	-12.45	31.20	5.19	31.51	0.000076	4.58	54818.58	2211.28	0.14
Restudy Reach	269984	100-Year	Floodplain Existing	200000.00	-12.45	31.20	5.19	31.49	0.000075	4.54	55802.85	2211.84	0.14
Restudy Reach	269984	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.45	31.20	5.19	31.49	0.000075	4.54	55802.85	2211.84	0.14
Restudy Reach	269984	500-Year	Floodplain As Is	243000.00	-12.45	35.88	6.89	36.21	0.000070	4.80	65232.55	2238.55	0.13
Restudy Reach	269984	500-Year	Floodplain Existing	243000.00	-12.45	35.88	6.89	36.20	0.000069	4.76	66228.54	2240.31	0.13
Restudy Reach	269984	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-12.45	35.88	6.89	36.20	0.000069	4.76	66228.54	2240.31	0.13
Restudy Reach	269463	10-Year	Floodplain As Is	138000.00	-12.00	24.45	2.38	24.74	0.000070	3.83	41118.75	2137.43	0.13
Restudy Reach	269463	10-Year	Floodplain Existing	138000.00	-12.00	27.56	2.38	27.74	0.000048	3.39	48456.84	2158.68	0.11
Restudy Reach	269463	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.00	27.56	2.38	27.74	0.000048	3.39	48456.84	2158.68	0.11
Restudy Reach	269463	50-Year	Floodplain As Is	181000.00	-12.00	29.23	4.04	29.49	0.000069	4.21	51405.77	2166.63	0.13
Restudy Reach	269463	50-Year	Floodplain Existing	181000.00	-12.00	30.29	4.04	30.54	0.000061	4.05	54369.93	2173.53	0.12
Restudy Reach	269463	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.00	30.29	4.04	30.54	0.000061	4.05	54369.93	2173.53	0.12
Restudy Reach	269463	100-Year	Floodplain As Is	200000.00	-12.00	31.18	4.73	31.46	0.000069	4.36	55655.28	2179.46	0.13
Restudy Reach	269463	100-Year	Floodplain Existing	200000.00	-12.00	31.17	4.73	31.45	0.000068	4.34	56285.15	2180.36	0.13
Restudy Reach	269463	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.00	31.17	4.73	31.45	0.000068	4.34	56285.15	2180.36	0.13
Restudy Reach	269463	500-Year	Floodplain As Is	243000.00	-12.00	35.86	6.20	36.17	0.000064	4.59	65916.27	2203.97	0.13
Restudy Reach	269463	500-Year	Floodplain Existing	243000.00	-12.00	35.86	6.20	36.16	0.000064	4.58	66559.17	2205.27	0.13
Restudy Reach	269463	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-12.00	35.86	6.20	36.16	0.000064	4.58	66559.17	2205.27	0.13
Restudy Reach	268964	10-Year	Floodplain As Is	138000.00	-12.00	24.41	1.57	24.63	0.000071	3.84	40490.75	2141.26	0.13
Restudy Reach	268964	10-Year	Floodplain Existing	138000.00	-12.00	27.54	1.57	27.71	0.000048	3.39	48362.46	2164.22	0.11
Restudy Reach	268964	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.00	27.54	1.57	27.71	0.000048	3.39	48362.46	2164.22	0.11
Restudy Reach	268964	50-Year	Floodplain As Is	181000.00	-12.00	29.19	3.32	29.46	0.000070	4.23	50789.52	2171.85	0.13
Restudy Reach	268964	50-Year	Floodplain Existing	181000.00	-12.00	30.26	3.32	30.50	0.000061	4.05	54277.93	2180.24	0.12
Restudy Reach	268964	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.00	30.26	3.32	30.50	0.000061	4.05	54277.93	2180.24	0.12
Restudy Reach	268964	100-Year	Floodplain As Is	200000.00	-12.00	31.14	4.06	31.43	0.000069	4.38	55050.56	2184.28	0.13
Restudy Reach	268964	100-Year	Floodplain Existing	200000.00	-12.00	31.14	4.06	31.42	0.000068	4.35	56190.97	2185.33	0.13
Restudy Reach	268964	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.00	31.14	4.06	31.42	0.000068	4.35	56190.97	2185.33	0.13
Restudy Reach	268964	500-Year	Floodplain As Is	243000.00	-12.00	35.83	5.64	36.14	0.000065	4.61	65342.19	2208.49	0.13
Restudy Reach	268964	500-Year	Floodplain Existing	243000.00	-12.00	35.82	5.64	36.13	0.000064	4.58	66497.38	2212.12	0.13
Restudy Reach	268964	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-12.00	35.82	5.64	36.13	0.000064	4.58	66497.38	2212.12	0.13
Restudy Reach	268493	10-Year	Floodplain As Is	138000.00	-12.00	24.33	1.92	24.60	0.000080	4.19	39831.16	2147.12	0.14
Restudy Reach	268493	10-Year	Floodplain Existing	138000.00	-12.00	27.48	1.92	27.68	0.000054	3.69	47756.24	2174.48	0.11
Restudy Reach	268493	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-12.00	27.48	1.92	27.68	0.000054	3.69	47756.24	2174.48	0.11
Restudy Reach	268493	50-Year	Floodplain As Is	181000.00	-12.00	29.10	3.73	29.42	0.000079	4.61	50174.61	2185.28	0.14
Restudy Reach	268493	50-Year	Floodplain Existing	181000.00	-12.00	30.19	3.74	30.47	0.000069	4.40	53657.28	2189.66	0.13
Restudy Reach	268493	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-12.00	30.19	3.74	30.47	0.000069	4.40	53657.28	2189.66	0.13
Restudy Reach	268493	100-Year	Floodplain As Is	200000.00	-12.00	31.06	4.48	31.39	0.000079	4.77	54454.42	2194.19	0.14
Restudy Reach	268493	100-Year	Floodplain Existing	200000.00	-12.00	31.06	4.49	31.38	0.000077	4.73	55556.81	2193.83	0.14
Restudy Reach	268493	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-12.00	31.06	4.49	31.38	0.000077	4.73	55556.81	2193.83	0.14
Restudy Reach	268493	500-Year	Floodplain As Is	243000.00	-12.00	35.74	6.10	36.10	0.000074	5.02	64807.61	2226.67	0.14
Restudy Reach	268493	500-Year	Floodplain Existing	243000.00	-12.00	35.74	6.11	36.09	0.000072	4.98	65912.97	2226.38	0.14
Restudy Reach	268493	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-12.00	35.74	6.11	36.09	0.000072	4.98	65912.97	2226.38	0.14
Restudy Reach	267963	10-Year	Floodplain As Is	138000.00	-9.98	24.30	1.37	24.55	0.000074	4.02	38889.89	1948.06	0.13
Restudy Reach	267963	10-Year	Floodplain Existing	138000.00	-9.98	27.46	1.37	27.65	0.000050	3.55	46292.86	1971.00	0.11
Restudy Reach	267963	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-9.98	27.46	1.37	27.65	0.000050	3.55	46292.86	1971.00	0.11
Restudy Reach	267963	50-Year	Floodplain As Is	181000.00	-9.98	29.07	3.15	29.37	0.000074	4.45	48269.26	1980.96	0.13
Restudy Reach	267963	50-Year	Floodplain Existing	181000.00	-9.98	30.16	3.15	30.43	0.000065	4.26	51633.74	1988.63	0.13
Restudy Reach	267963	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-9.98	30.16	3.15	30.43	0.000065	4.26	51633.74	1988.63	0.13
Restudy Reach	267963	100-Year	Floodplain As Is	200000.00	-9.98	31.03	3.88	31.35	0.000074	4.62	52153.00	1993.77	0.14
Restudy Reach	267963	100-Year	Floodplain Existing	200000.00	-9.98	31.03	3.88	31.34	0.000072	4.58	53352.50	1993.12	0.13
Restudy Reach	267963	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-9.98	31.03	3.88	31.34	0.000072	4.58	53352.50	1993.12	0.13
Restudy Reach	267963	500-Year	Floodplain As Is	243000.00	-9.98	35.71	5.45	36.06	0.000070	4.88	61546.77	2017.82	0.13
Restudy Reach	267963	500-Year	Floodplain Existing	243000.00	-9.98	35.71	5.45	36.05	0.000069	4.84	62750.95	2017.77	0.13
Restudy Reach	267963	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-9.98	35.71	5.45	36.05	0.000069	4.84	62750.95	2017.77	0.13
Restudy Reach	267478	10-Year	Floodplain As Is	138000.00	-17.03	24.15	0.82	24.50	0.000098	4.81	33722.25	1777.96	0.15
Restudy Reach	267478	10-Year	Floodplain Existing	138000.00	-17.03	27.34	0.82	27.62	0.000068	4.28	39927.26	1822.70	0.13
Restudy Reach	267478	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-17.03	27.34	0.82	27.62	0.000068	4.28	39927.26	1822.70	0.13
Restudy Reach	267478	50-Year	Floodplain As Is	181000.00	-17.03	28.89	2.86	29.32	0.000101	5.35	42330.48	1831.1	

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	267113	10-Year	Floodplain As Is	138000.00	-34.25	24.16	-12.03	24.35	0.000037	3.50	41975.95	1442.86	0.10
Restudy Reach	267113	10-Year	Floodplain Existing	138000.00	-34.25	27.35	-12.03	27.51	0.000028	3.23	46100.98	1565.76	0.09
Restudy Reach	267113	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-34.25	27.35	-12.03	27.51	0.000028	3.23	46100.98	1565.76	0.09
Restudy Reach	267113	50-Year	Floodplain As Is	181000.00	-34.25	28.89	-9.52	29.15	0.000043	4.10	47888.43	1580.70	0.11
Restudy Reach	267113	50-Year	Floodplain Existing	181000.00	-34.25	29.99	-9.52	30.24	0.000040	3.99	49402.71	1590.62	0.10
Restudy Reach	267113	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-34.25	29.99	-9.52	30.24	0.000040	3.99	49402.71	1590.62	0.10
Restudy Reach	267113	100-Year	Floodplain As Is	200000.00	-34.25	30.83	-8.66	31.11	0.000046	4.33	50306.96	1596.99	0.11
Restudy Reach	267113	100-Year	Floodplain Existing	200000.00	-34.25	30.82	-8.66	31.11	0.000046	4.33	50443.75	1596.97	0.11
Restudy Reach	267113	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-34.25	30.82	-8.66	31.11	0.000046	4.33	50443.75	1596.97	0.11
Restudy Reach	267113	500-Year	Floodplain As Is	243000.00	-34.25	35.35	-6.84	35.69	0.000049	4.74	59956.97	1636.02	0.12
Restudy Reach	267113	500-Year	Floodplain Existing	243000.00	-34.25	35.35	-6.84	35.69	0.000049	4.74	60103.06	1636.41	0.12
Restudy Reach	267113	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-34.25	35.35	-6.84	35.69	0.000049	4.74	60103.06	1636.41	0.12
Restudy Reach	266798	10-Year	Floodplain As Is	138000.00	-35.68	24.13	-10.14	24.33	0.000043	3.67	42243.28	1852.46	0.10
Restudy Reach	266798	10-Year	Floodplain Existing	138000.00	-35.68	27.33	-10.14	27.50	0.000032	3.35	47403.23	1877.59	0.09
Restudy Reach	266798	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-35.68	27.33	-10.14	27.50	0.000032	3.35	47403.23	1877.59	0.09
Restudy Reach	266798	50-Year	Floodplain As Is	181000.00	-35.68	28.86	-7.96	29.13	0.000049	4.24	49225.49	1881.83	0.11
Restudy Reach	266798	50-Year	Floodplain Existing	181000.00	-35.68	29.96	-7.97	30.22	0.000045	4.11	51314.90	1895.14	0.11
Restudy Reach	266798	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-35.68	29.96	-7.97	30.22	0.000045	4.11	51314.90	1895.14	0.11
Restudy Reach	266798	100-Year	Floodplain As Is	200000.00	-35.68	30.80	-7.10	31.10	0.000052	4.47	52106.45	1893.59	0.12
Restudy Reach	266798	100-Year	Floodplain Existing	200000.00	-35.68	30.80	-7.11	31.09	0.000051	4.45	52551.65	1899.83	0.12
Restudy Reach	266798	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-35.68	30.80	-7.11	31.09	0.000051	4.45	52551.65	1899.83	0.12
Restudy Reach	266798	500-Year	Floodplain As Is	243000.00	-35.68	35.31	-5.25	35.67	0.000055	4.89	58891.76	1932.14	0.12
Restudy Reach	266798	500-Year	Floodplain Existing	243000.00	-35.68	35.32	-5.25	35.67	0.000054	4.87	59348.12	1938.11	0.12
Restudy Reach	266798	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-35.68	35.32	-5.25	35.67	0.000054	4.87	59348.12	1938.11	0.12
Restudy Reach	266484	10-Year	Floodplain As Is	138000.00	-24.48	24.11	-5.22	24.32	0.000049	3.74	42918.80	2043.89	0.11
Restudy Reach	266484	10-Year	Floodplain Existing	138000.00	-24.48	27.31	-5.22	27.49	0.000036	3.39	48803.64	2057.43	0.10
Restudy Reach	266484	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-24.48	27.31	-5.22	27.49	0.000036	3.39	48803.64	2057.43	0.10
Restudy Reach	266484	50-Year	Floodplain As Is	181000.00	-24.48	28.84	-3.30	29.12	0.000054	4.27	50861.09	2061.03	0.12
Restudy Reach	266484	50-Year	Floodplain Existing	181000.00	-24.48	29.95	-3.30	30.20	0.000049	4.13	53236.52	2074.65	0.11
Restudy Reach	266484	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-24.48	29.95	-3.30	30.20	0.000049	4.13	53236.52	2074.65	0.11
Restudy Reach	266484	100-Year	Floodplain As Is	200000.00	-24.48	30.78	-2.51	31.08	0.000056	4.48	54132.98	2077.39	0.12
Restudy Reach	266484	100-Year	Floodplain Existing	200000.00	-24.48	30.78	-2.51	31.08	0.000056	4.46	54639.09	2077.76	0.12
Restudy Reach	266484	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-24.48	30.78	-2.51	31.08	0.000056	4.46	54639.09	2077.76	0.12
Restudy Reach	266484	500-Year	Floodplain As Is	243000.00	-24.48	35.30	-0.78	35.65	0.000058	4.86	61808.80	2097.27	0.13
Restudy Reach	266484	500-Year	Floodplain Existing	243000.00	-24.48	35.31	-0.78	35.65	0.000057	4.84	62326.79	2098.27	0.12
Restudy Reach	266484	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-24.48	35.31	-0.78	35.65	0.000057	4.84	62326.79	2098.27	0.12
Restudy Reach	266003	10-Year	Floodplain As Is	138000.00	-9.10	24.08	2.08	24.29	0.000068	3.80	43627.01	2230.85	0.13
Restudy Reach	266003	10-Year	Floodplain Existing	138000.00	-9.10	27.30	2.08	27.46	0.000045	3.34	50978.61	2269.68	0.10
Restudy Reach	266003	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-9.10	27.30	2.08	27.46	0.000045	3.34	50978.61	2269.68	0.10
Restudy Reach	266003	50-Year	Floodplain As Is	181000.00	-9.10	28.83	3.70	29.08	0.000067	4.17	53533.09	2271.68	0.13
Restudy Reach	266003	50-Year	Floodplain Existing	181000.00	-9.10	29.94	3.70	30.17	0.000058	3.99	56497.97	2284.26	0.12
Restudy Reach	266003	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-9.10	29.94	3.70	30.17	0.000058	3.99	56497.97	2284.26	0.12
Restudy Reach	266003	100-Year	Floodplain As Is	200000.00	-9.10	30.78	4.38	31.04	0.000066	4.32	57605.80	2282.23	0.13
Restudy Reach	266003	100-Year	Floodplain Existing	200000.00	-9.10	30.77	4.38	31.04	0.000065	4.29	58239.64	2288.54	0.13
Restudy Reach	266003	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-9.10	30.77	4.38	31.04	0.000065	4.29	58239.64	2288.54	0.13
Restudy Reach	266003	500-Year	Floodplain As Is	243000.00	-9.10	35.31	5.81	35.61	0.000063	4.57	67141.90	2305.40	0.13
Restudy Reach	266003	500-Year	Floodplain Existing	243000.00	-9.10	35.32	5.81	35.61	0.000062	4.54	67790.41	2312.55	0.13
Restudy Reach	266003	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-9.10	35.32	5.81	35.61	0.000062	4.54	67790.41	2312.55	0.13
Restudy Reach	265447	10-Year	Floodplain As Is	138000.00	-8.36	24.06	2.94	24.25	0.000062	3.54	47187.73	2317.51	0.12
Restudy Reach	265447	10-Year	Floodplain Existing	138000.00	-8.36	27.29	2.94	27.43	0.000041	3.11	55281.57	2335.36	0.10
Restudy Reach	265447	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-8.36	27.29	2.94	27.43	0.000041	3.11	55281.57	2335.36	0.10
Restudy Reach	265447	50-Year	Floodplain As Is	181000.00	-8.36	28.82	4.40	29.04	0.000060	3.88	58263.84	2339.59	0.12
Restudy Reach	265447	50-Year	Floodplain Existing	181000.00	-8.36	29.93	4.40	30.13	0.000053	3.73	61459.77	2347.91	0.11
Restudy Reach	265447	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-8.36	29.93	4.40	30.13	0.000053	3.73	61459.77	2347.91	0.11
Restudy Reach	265447	100-Year	Floodplain As Is	200000.00	-8.36	30.76	5.00	31.00	0.000060	4.02	62827.59	2349.51	0.12
Restudy Reach	265447	100-Year	Floodplain Existing	200000.00	-8.36	30.76	5.00	30.99	0.000059	4.01	63410.75	2352.14	0.12
Restudy Reach	265447	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-8.36	30.76	5.00	30.99	0.000059	4.01	63410.75	2352.14	0.12
Restudy Reach	265447	500-Year	Floodplain As Is	243000.00	-8.36	35.30	6.30	35.56	0.000057	4.25	72546.73	2373.02	0.12
Restudy Reach	265447	500-Year	Floodplain Existing	243000.00	-8.36	35.31	6.30	35.56	0.000056	4.24	74157.02	2374.94	0.12
Restudy Reach	265447	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-8.36	35.31	6.30	35.56	0.000056	4.24	74157.02	2374.94	0.12
Restudy Reach	265212	10-Year	Floodplain As Is	138000.00	-9.11	24.06	3.01	24.22	0.000055	3.28	46367.88	2124.95	0.11
Restudy Reach	265212	10-Year	Floodplain Existing	138000.00	-9.11	27.30	3.00	27.42	0.000036	2.88	53764.22	2152.16	0.09
Restudy Reach	265212	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-9.11	27.30	3.00	27.42	0.000036	2.88	53764.22	2152.16	0.09
Restudy Reach	265212	50-Year	Floodplain As Is	181000.00	-9.11	28.82	4.39	29.01	0.000053	3.59	56551.04	2152.05	0.11
Restudy Reach	265212	50-Year	Floodplain Existing	181000.00	-9.11	29.94	4.39	30.11	0.000046	3.44	59472.00	2167.40	0.11
Restudy Reach	265212	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-9.11	29.94	4.39	30.11	0.000046	3.44	59472.00	2167.40	0.11
Restudy Reach	265212	100-Year	Floodplain As Is	200000.00	-9.11	30.77	4.96	30.97	0.000052	3.71	60754.32	2162.31	0.11
Restudy Reach	265212	100-Year	Floodplain Existing	200000.00	-9.11	30.77	4.97	30.97	0.000051	3.69	61277.77	2172.07	0.11
Restudy Reach	265212	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-9.11	30.77	4.97	30.97	0.000051	3.69	61277.77	2172.07	0.11
Restudy Reach	265212	500-Year	Floodplain As Is	243000.00	-9.11	35.32	6.18	35.54	0.000049	3.92	70638.52	2189.13	0.11
Restudy Reach	265212	500-Year	Floodplain Existing	243000.00	-9.11	35.32	6.18	35.54	0.000048	3.90	71219.63	2197.38	0.11
Restudy Reach	265212	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-9.11	35.32	6.18	35.54	0.000048	3.90	71219.63	2197.38	0.11
Restudy Reach	264987	10-Year	Floodplain As Is	138000.00	-8.91	24.03	3.53	24.21	0.000062	3.40	42547.75	1947.05	0.12
Restudy Reach	264987	10-Year	Floodplain Existing	138000.00	-8.91	27.27	3.53	27.41	0.000041	3.00	49476.18	2065.34	0.10
Restudy Reach	264987	10-Year	Floodplain Run Proposed 7-2-2025	138000.00	-8.91	27.27	3.53	27.41	0.000041	3.00	49476.18	2065.34	0.10
Restudy Reach	264987	50-Year	Floodplain As Is	181000.00	-8.91	28.79	4.85	29.00	0.000060	3.73	52280.77	2071.86	0.12
Restudy Reach	264987	50-Year	Floodplain Existing	181000.00	-8.91	29.90	4.85	30.10	0.000052	3.58	54934.98	2081.20	0.11
Restudy Reach	264987	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-8.91	29.90	4.85	30.10	0.000052	3.58	54934.98	2081.20	0.11
Restudy Reach	264987	100-Year	Floodplain As Is	200000.00	-8.91	30.73	5.40	30.96	0.000059	3.86	56325.26	2083.20	0.12
Restudy Reach													

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	264191	50-Year	Floodplain Existing	181000.00	-11.35	29.80	4.13	30.05	0.000062	4.01	45942.00	1435.59	0.12
Restudy Reach	264191	50-Year	Floodplain Run Proposed 7-2-2025	181000.00	-11.35	29.80	4.13	30.05	0.000062	4.01	45942.00	1435.59	0.12
Restudy Reach	264191	100-Year	Floodplain As Is	200000.00	-11.35	30.61	4.74	30.90	0.000070	4.32	47112.76	1439.32	0.13
Restudy Reach	264191	100-Year	Floodplain Existing	200000.00	-11.35	30.61	4.74	30.90	0.000070	4.32	47106.33	1439.30	0.13
Restudy Reach	264191	100-Year	Floodplain Run Proposed 7-2-2025	200000.00	-11.35	30.61	4.74	30.90	0.000070	4.32	47106.33	1439.30	0.13
Restudy Reach	264191	500-Year	Floodplain As Is	243000.00	-11.35	35.14	6.06	35.47	0.000068	4.62	53714.88	1486.55	0.13
Restudy Reach	264191	500-Year	Floodplain Existing	243000.00	-11.35	35.14	6.06	35.47	0.000068	4.62	53718.67	1486.63	0.13
Restudy Reach	264191	500-Year	Floodplain Run Proposed 7-2-2025	243000.00	-11.35	35.14	6.06	35.47	0.000068	4.62	53718.67	1486.63	0.13
Restudy Reach	263937	10-Year	Floodplain As Is	138000.00	-12.39	23.91	0.40	24.14	0.000066	3.81	36271.77	1214.72	0.12
Restudy Reach	263937	50-Year	Floodplain As Is	181000.00	-12.39	28.64	1.94	28.92	0.000070	4.31	42048.35	1231.17	0.13
Restudy Reach	263937	100-Year	Floodplain As Is	200000.00	-12.39	30.57	2.57	30.88	0.000072	4.51	44433.53	1237.90	0.13
Restudy Reach	263937	500-Year	Floodplain As Is	243000.00	-12.39	35.08	3.94	35.45	0.000073	4.86	50054.64	1253.61	0.14
Restudy Reach	263801		Bridge										
Restudy Reach	263674	10-Year	Floodplain As Is	138000.00	-18.97	23.76	-3.64	23.95	0.000049	3.54	39003.48	1132.43	0.11
Restudy Reach	263674	50-Year	Floodplain As Is	181000.00	-18.97	28.42	-1.91	28.68	0.000056	4.09	44315.97	1143.65	0.12
Restudy Reach	263674	100-Year	Floodplain As Is	200000.00	-18.97	30.32	-1.25	30.61	0.000059	4.30	46493.59	1147.35	0.12
Restudy Reach	263674	500-Year	Floodplain As Is	243000.00	-18.97	34.75	0.15	35.10	0.000062	4.71	51595.18	1155.97	0.12
Restudy Reach	263492	10-Year	Floodplain As Is	138000.00	-20.12	23.66	-1.95	23.93	0.000072	4.21	32757.16	1012.34	0.13
Restudy Reach	263492	50-Year	Floodplain As Is	181000.00	-20.12	28.30	-0.13	28.66	0.000080	4.83	37614.82	1081.60	0.14
Restudy Reach	263492	100-Year	Floodplain As Is	200000.00	-20.12	30.19	0.61	30.59	0.000083	5.07	39668.19	1090.42	0.14
Restudy Reach	263492	500-Year	Floodplain As Is	243000.00	-20.12	34.60	2.23	35.07	0.000085	5.51	44531.06	1109.65	0.15
Restudy Reach	262995	10-Year	Floodplain As Is	138000.00	-21.22	23.30	-1.59	23.86	0.000138	6.00	23676.23	817.01	0.18
Restudy Reach	262995	50-Year	Floodplain As Is	181000.00	-21.22	27.84	1.10	28.57	0.000155	6.90	27538.89	897.59	0.20
Restudy Reach	262995	100-Year	Floodplain As Is	200000.00	-21.22	29.69	2.19	30.49	0.000161	7.25	29240.65	936.41	0.20
Restudy Reach	262995	500-Year	Floodplain As Is	243000.00	-21.22	34.03	4.40	34.97	0.000165	7.87	33336.68	950.06	0.21
Restudy Reach	262580	10-Year	Floodplain As Is	138000.00	-22.96	23.28	-5.32	23.79	0.000113	5.76	24667.65	839.45	0.17
Restudy Reach	262580	50-Year	Floodplain As Is	181000.00	-22.96	27.82	-2.64	28.49	0.000128	6.64	28511.21	853.50	0.18
Restudy Reach	262580	100-Year	Floodplain As Is	200000.00	-22.96	29.67	-1.53	30.41	0.000134	6.98	30096.75	858.96	0.19
Restudy Reach	262580	500-Year	Floodplain As Is	243000.00	-22.96	34.02	0.84	34.88	0.000139	7.60	33890.02	872.25	0.19
Restudy Reach	262430		Bridge										
Restudy Reach	262311	10-Year	Floodplain As Is	138000.00	-23.31	23.18	-4.35	23.71	0.000118	5.84	24675.25	820.24	0.17
Restudy Reach	262311	50-Year	Floodplain As Is	181000.00	-23.31	27.68	-1.79	28.39	0.000136	6.78	28398.39	834.73	0.19
Restudy Reach	262311	100-Year	Floodplain As Is	200000.00	-23.31	29.51	-0.72	30.30	0.000143	7.15	29933.82	841.60	0.19
Restudy Reach	262311	500-Year	Floodplain As Is	243000.00	-23.31	33.82	1.57	34.75	0.000151	7.85	33588.43	857.17	0.20
Restudy Reach	262003	10-Year	Floodplain As Is	138000.00	-20.59	23.14	-2.88	23.67	0.000124	5.93	24263.77	823.00	0.17
Restudy Reach	262003	50-Year	Floodplain As Is	181000.00	-20.59	27.64	-0.27	28.34	0.000140	6.82	27971.31	823.00	0.19
Restudy Reach	262003	100-Year	Floodplain As Is	200000.00	-20.59	29.47	0.82	30.25	0.000146	7.17	29480.54	823.00	0.20
Restudy Reach	262003	500-Year	Floodplain As Is	243000.00	-20.59	33.79	3.08	34.70	0.000153	7.82	33028.38	823.00	0.20
Restudy Reach	261497	10-Year	Floodplain As Is	138000.00	-21.25	23.14	-2.04	23.59	0.000114	5.40	26111.94	877.63	0.16
Restudy Reach	261497	50-Year	Floodplain As Is	181000.00	-21.25	27.65	0.24	28.24	0.000126	6.19	30127.08	900.25	0.18
Restudy Reach	261497	100-Year	Floodplain As Is	200000.00	-21.25	29.49	1.18	30.14	0.000131	6.51	31791.78	909.57	0.18
Restudy Reach	261497	500-Year	Floodplain As Is	243000.00	-21.25	33.82	3.24	34.58	0.000135	7.08	35772.09	931.35	0.19
Restudy Reach	261002	10-Year	Floodplain As Is	138000.00	-21.35	23.10	-1.45	23.52	0.000111	5.26	26969.02	941.92	0.16
Restudy Reach	261002	50-Year	Floodplain As Is	181000.00	-21.35	27.62	1.42	28.17	0.000122	6.01	31279.10	965.42	0.17
Restudy Reach	261002	100-Year	Floodplain As Is	200000.00	-21.35	29.46	2.34	30.06	0.000126	6.31	33065.54	974.90	0.18
Restudy Reach	261002	500-Year	Floodplain As Is	243000.00	-21.35	33.79	4.25	34.50	0.000129	6.84	37343.02	999.84	0.18
Restudy Reach	260507	10-Year	Floodplain As Is	139000.00	-23.77	23.06	-1.35	23.46	0.000105	5.08	28016.76	958.89	0.16
Restudy Reach	260507	50-Year	Floodplain As Is	183000.00	-23.77	27.58	0.98	28.10	0.000115	5.82	32408.35	984.71	0.17
Restudy Reach	260507	100-Year	Floodplain As Is	202000.00	-23.77	29.43	1.90	29.99	0.000119	6.10	34233.22	995.66	0.17
Restudy Reach	260507	500-Year	Floodplain As Is	248000.00	-23.77	33.75	3.94	34.43	0.000124	6.68	38600.46	1024.82	0.18
Restudy Reach	260007	10-Year	Floodplain As Is	139000.00	-22.16	23.00	-1.17	23.41	0.000107	5.16	27814.20	972.89	0.16
Restudy Reach	260007	50-Year	Floodplain As Is	183000.00	-22.16	27.50	1.23	28.04	0.000119	5.93	32259.89	1004.11	0.17
Restudy Reach	260007	100-Year	Floodplain As Is	202000.00	-22.16	29.34	2.18	29.93	0.000122	6.21	34113.53	1010.71	0.18
Restudy Reach	260007	500-Year	Floodplain As Is	248000.00	-22.16	33.66	4.24	34.36	0.000127	6.81	38507.76	1024.14	0.18
Restudy Reach	259505	10-Year	Floodplain As Is	139000.00	-20.44	22.94	-1.11	23.35	0.000110	5.18	27235.56	955.68	0.16
Restudy Reach	259505	50-Year	Floodplain As Is	183000.00	-20.44	27.44	1.09	27.98	0.000122	5.93	31807.61	1078.02	0.17
Restudy Reach	259505	100-Year	Floodplain As Is	202000.00	-20.44	29.28	1.97	29.87	0.000125	6.21	33836.64	1114.72	0.18
Restudy Reach	259505	500-Year	Floodplain As Is	248000.00	-20.44	33.60	3.95	34.30	0.000130	6.78	38759.58	1169.12	0.18
Restudy Reach	259012	10-Year	Floodplain As Is	139000.00	-22.60	22.87	-3.00	23.30	0.000099	5.29	28492.65	1022.16	0.16
Restudy Reach	259012	50-Year	Floodplain As Is	183000.00	-22.60	27.35	-0.73	27.92	0.000114	6.13	33063.01	1158.85	0.17
Restudy Reach	259012	100-Year	Floodplain As Is	202000.00	-22.60	29.18	0.18	29.80	0.000119	6.45	35047.01	1234.53	0.18
Restudy Reach	259012	500-Year	Floodplain As Is	248000.00	-22.60	33.48	2.29	34.23	0.000127	7.10	40085.37	1518.01	0.18
Restudy Reach	258500	10-Year	Floodplain As Is	139000.00	-17.88	22.84	-0.94	23.24	0.000107	5.09	30134.17	1170.02	0.16
Restudy Reach	258500	50-Year	Floodplain As Is	183000.00	-17.88	27.33	1.18	27.84	0.000117	5.80	35643.02	1245.99	0.17
Restudy Reach	258500	100-Year	Floodplain As Is	202000.00	-17.88	29.17	2.04	29.72	0.000120	6.07	37939.87	1286.59	0.17
Restudy Reach	258500	500-Year	Floodplain As Is	248000.00	-17.88	33.48	4.13	34.14	0.000124	6.62	43466.37	1563.52	0.18
Restudy Reach	257999	10-Year	Floodplain As Is	139000.00	-17.24	22.80	-1.01	23.18	0.000105	4.98	29345.07	2709.36	0.16
Restudy Reach	257999	50-Year	Floodplain As Is	183000.00	-17.24	27.29	1.09	27.78	0.000114	5.68	34587.43	3125.96	0.17
Restudy Reach	257999	100-Year	Floodplain As Is	202000.00	-17.24	29.12	1.93	29.66	0.000117	5.93	36783.50	3249.86	0.17
Restudy Reach	257999	500-Year	Floodplain As Is	248000.00	-17.24	33.44	3.95	34.07	0.000119	6.46	42380.61	3654.94	0.18
Restudy Reach	257503	10-Year	Floodplain As Is	139000.00	-18.30	22.77	-1.21	23.12	0.000098	4.82	30959.48	4251.84	0.15
Restudy Reach	257503	50-Year	Floodplain As Is	183000.00	-18.30	27.26	0.84	27.71	0.000105	5.49	36311.57	4382.30	0.16
Restudy Reach	257503	100-Year	Floodplain As Is	202000.00	-18.30	29.09	1.68	29.59	0.000107	5.74	38507.94	4398.89	0.16
Restudy Reach	257503	500-Year	Floodplain As Is	248000.00	-18.30	33.41	3.59	34.00	0.000112	6.29	43802.63	4496.70	0.17
Restudy Reach	256938	10-Year	Floodplain As Is	139000.00	-20.47	22.73	-1.88	23.06	0.000086	4.75	34916.72	3173.84	0.14
Restudy Reach	256938	50-Year	Floodplain As Is	183000.00	-20.47	27.24	0.28	27.64	0.000091	5.32	42100.64	3203.82	0.15
Restudy Reach	256938	100-Year	Floodplain As Is	202000.00	-20.47	29.08	1.14	29.51	0.000093	5.53	45054.57	3214.33	0.15
Restudy Reach	256938	500-Year	Floodplain As Is	248000.00	-20.47	33.42	3.14	33.91	0.000094	5.95	52042.06	3288.73	0.16
Restudy Reach	256758		Mult Open										
Restudy Reach	256457	10-Year	Floodplain As Is	139000.00	-20.67	22.67	-2.87	23.01	0.000092	4.80	35601.07	2102.84	0.15
Restudy Reach	256457	50-Year	Floodplain As Is	183000.00	-20.67	27.17	-0.55	27.58	0.000097	5.38	43184.11	2259.66	0.16
Restudy Reach	256457	100-Year	Floodplain As Is	202000.00	-20.67	29.02	0.39	29.45	0.000098	5.5			

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	255515	10-Year	Floodplain As Is	139000.00	-20.73	22.68	-4.88	22.91	0.000058	3.87	40847.68	1715.89	0.12
Restudy Reach	255515	50-Year	Floodplain As Is	183000.00	-20.73	27.19	-2.84	27.48	0.000064	4.43	47920.03	2085.58	0.13
Restudy Reach	255515	100-Year	Floodplain As Is	202000.00	-20.73	29.03	-2.02	29.34	0.000066	4.64	50846.10	2148.64	0.13
Restudy Reach	255515	500-Year	Floodplain As Is	248000.00	-20.73	33.36	-0.15	33.74	0.000069	5.08	57793.02	2684.74	0.13
Restudy Reach	255015	10-Year	Floodplain As Is	139000.00	-18.79	22.67	-5.26	22.88	0.000051	3.67	38802.46	1582.75	0.11
Restudy Reach	255015	50-Year	Floodplain As Is	183000.00	-18.79	27.17	-3.38	27.44	0.000057	4.20	48860.82	1811.32	0.12
Restudy Reach	255015	100-Year	Floodplain As Is	202000.00	-18.79	29.01	-2.63	29.31	0.000059	4.40	52206.13	1967.73	0.12
Restudy Reach	255015	500-Year	Floodplain As Is	248000.00	-18.79	33.34	-0.86	33.69	0.000061	4.82	60178.88	1989.26	0.13
Restudy Reach	254508	10-Year	Floodplain As Is	139000.00	-19.02	22.57	-2.72	22.84	0.000070	4.19	34556.28	1386.95	0.13
Restudy Reach	254508	50-Year	Floodplain As Is	183000.00	-19.02	27.05	-0.76	27.40	0.000077	4.79	42463.75	1623.48	0.14
Restudy Reach	254508	100-Year	Floodplain As Is	202000.00	-19.02	28.88	0.02	29.26	0.000080	5.02	45504.02	1690.29	0.14
Restudy Reach	254508	500-Year	Floodplain As Is	248000.00	-19.02	33.19	1.82	33.65	0.000082	5.48	53063.14	1908.90	0.15
Restudy Reach	253924	10-Year	Floodplain As Is	139000.00	-18.08	22.53	-1.25	22.80	0.000073	4.13	34506.44	1225.79	0.13
Restudy Reach	253924	50-Year	Floodplain As Is	183000.00	-18.08	27.01	0.60	27.35	0.000079	4.71	40051.11	1252.65	0.14
Restudy Reach	253924	100-Year	Floodplain As Is	202000.00	-18.08	28.84	1.35	29.21	0.000081	4.93	42355.17	1263.64	0.14
Restudy Reach	253924	500-Year	Floodplain As Is	248000.00	-18.08	33.15	3.10	33.60	0.000084	5.39	47863.05	1289.54	0.15
Restudy Reach	253473	10-Year	Floodplain As Is	139000.00	-18.47	22.47	-0.27	22.76	0.000082	4.30	33433.62	1262.29	0.14
Restudy Reach	253473	50-Year	Floodplain As Is	183000.00	-18.47	26.94	1.55	27.31	0.000088	4.90	39155.36	1299.51	0.15
Restudy Reach	253473	100-Year	Floodplain As Is	202000.00	-18.47	28.77	2.30	29.17	0.000090	5.13	41541.61	1309.86	0.15
Restudy Reach	253473	500-Year	Floodplain As Is	248000.00	-18.47	33.08	4.02	33.55	0.000092	5.59	47339.83	1378.49	0.15
Restudy Reach	252982	10-Year	Floodplain As Is	139000.00	-17.67	22.43	-0.19	22.72	0.000083	4.35	32984.64	1220.81	0.14
Restudy Reach	252982	50-Year	Floodplain As Is	183000.00	-17.67	26.88	1.61	27.26	0.000090	4.96	38498.90	1255.07	0.15
Restudy Reach	252982	100-Year	Floodplain As Is	202000.00	-17.67	28.71	2.33	29.12	0.000092	5.20	40816.84	1290.09	0.15
Restudy Reach	252982	500-Year	Floodplain As Is	248000.00	-17.67	33.01	4.02	33.51	0.000095	5.68	46495.95	1337.41	0.15
Restudy Reach	252500	10-Year	Floodplain As Is	139000.00	-27.56	22.40	-1.50	22.68	0.000075	4.23	34350.68	1230.53	0.13
Restudy Reach	252500	50-Year	Floodplain As Is	183000.00	-27.56	26.85	0.39	27.22	0.000082	4.86	39883.49	1254.24	0.14
Restudy Reach	252500	100-Year	Floodplain As Is	202000.00	-27.56	28.68	1.16	29.08	0.000085	5.09	42179.03	1261.90	0.15
Restudy Reach	252500	500-Year	Floodplain As Is	248000.00	-27.56	32.98	2.89	33.46	0.000088	5.58	47743.96	1342.27	0.15
Restudy Reach	251990	10-Year	Floodplain As Is	139000.00	-15.83	22.35	-1.15	22.64	0.000078	4.30	33494.96	1198.17	0.14
Restudy Reach	251990	50-Year	Floodplain As Is	183000.00	-15.83	26.80	0.66	27.17	0.000086	4.93	38881.09	1222.96	0.15
Restudy Reach	251990	100-Year	Floodplain As Is	202000.00	-15.83	28.62	1.39	29.03	0.000088	5.17	41117.81	1232.19	0.15
Restudy Reach	251990	500-Year	Floodplain As Is	248000.00	-15.83	32.92	3.08	33.41	0.000092	5.67	46464.37	1256.50	0.16
Restudy Reach	251502	10-Year	Floodplain As Is	139000.00	-17.61	22.31	-1.14	22.60	0.000080	4.26	33113.55	1152.24	0.14
Restudy Reach	251502	50-Year	Floodplain As Is	183000.00	-17.61	26.76	0.71	27.13	0.000087	4.87	38290.10	1175.82	0.15
Restudy Reach	251502	100-Year	Floodplain As Is	202000.00	-17.61	28.58	1.45	28.98	0.000089	5.11	40440.58	1185.85	0.15
Restudy Reach	251502	500-Year	Floodplain As Is	248000.00	-17.61	32.88	3.12	33.36	0.000092	5.59	45585.30	1207.39	0.15
Restudy Reach	250930	10-Year	Floodplain As Is	139000.00	-14.81	22.24	-1.01	22.55	0.000086	4.46	31532.20	1100.10	0.14
Restudy Reach	250930	50-Year	Floodplain As Is	183000.00	-14.81	26.67	0.87	27.07	0.000095	5.12	36456.56	1124.51	0.15
Restudy Reach	250930	100-Year	Floodplain As Is	202000.00	-14.81	28.48	1.63	28.93	0.000097	5.37	38507.78	1135.36	0.16
Restudy Reach	250930	500-Year	Floodplain As Is	248000.00	-14.81	32.77	3.37	33.30	0.000101	5.89	43426.52	1160.96	0.16
Restudy Reach	250006	10-Year	Floodplain As Is	139000.00	-16.04	22.12	-1.94	22.46	0.000092	4.75	32486.52	1356.38	0.15
Restudy Reach	250006	50-Year	Floodplain As Is	183000.00	-16.04	26.53	0.05	26.98	0.000101	5.43	38550.76	1390.45	0.16
Restudy Reach	250006	100-Year	Floodplain As Is	202000.00	-16.04	28.34	0.86	28.83	0.000104	5.69	41082.21	1404.33	0.16
Restudy Reach	250006	500-Year	Floodplain As Is	248000.00	-16.04	32.62	2.71	33.20	0.000108	6.22	47159.20	1556.08	0.17
Restudy Reach	248883	10-Year	Floodplain As Is	139000.00	-15.22	22.07	-1.89	22.34	0.000079	4.22	39719.45	2344.81	0.14
Restudy Reach	248883	50-Year	Floodplain As Is	183000.00	-15.22	26.51	0.00	26.84	0.000082	4.72	50225.25	2387.02	0.14
Restudy Reach	248883	100-Year	Floodplain As Is	202000.00	-15.22	28.33	0.76	28.69	0.000083	4.90	54587.82	2433.58	0.14
Restudy Reach	248883	500-Year	Floodplain As Is	248000.00	-15.22	32.64	2.49	33.04	0.000082	5.25	65060.44	3127.69	0.15
Restudy Reach	247715	10-Year	Floodplain As Is	139000.00	-24.36	21.99	-2.24	22.24	0.000080	4.27	54758.80	3955.91	0.14
Restudy Reach	247715	50-Year	Floodplain As Is	183000.00	-24.36	26.45	0.06	26.73	0.000078	4.62	72474.86	3993.16	0.14
Restudy Reach	247715	100-Year	Floodplain As Is	202000.00	-24.36	28.28	0.94	28.57	0.000078	4.73	79791.12	4368.04	0.14
Restudy Reach	247715	500-Year	Floodplain As Is	248000.00	-24.36	32.62	2.88	32.92	0.000072	4.96	97182.09	7414.41	0.14
Restudy Reach	245844	10-Year	Floodplain As Is	139000.00	-16.16	22.10	-3.10	22.14	0.000010	1.54	88598.79	5252.83	0.05
Restudy Reach	245844	50-Year	Floodplain As Is	183000.00	-16.16	26.58	-1.03	26.63	0.000009	1.62	112206.90	5880.39	0.05
Restudy Reach	245844	100-Year	Floodplain As Is	202000.00	-16.16	28.42	-0.21	28.47	0.000009	1.65	121942.70	6891.82	0.05
Restudy Reach	245844	500-Year	Floodplain As Is	248000.00	-16.16	32.76	1.65	32.81	0.000008	1.71	145255.20	9276.65	0.05
Restudy Reach	243331	10-Year	Floodplain As Is	139000.00	-24.67	22.10	-3.26	22.12	0.000009	1.55	114430.00	6814.13	0.05
Restudy Reach	243331	50-Year	Floodplain As Is	183000.00	-24.67	26.58	-1.01	26.61	0.000009	1.65	141579.50	7348.12	0.05
Restudy Reach	243331	100-Year	Floodplain As Is	202000.00	-24.67	28.42	-0.13	28.45	0.000009	1.69	152767.90	8096.33	0.05
Restudy Reach	243331	500-Year	Floodplain As Is	248000.00	-24.67	32.76	1.89	32.79	0.000008	1.76	179632.70	9563.60	0.05
Restudy Reach	241034	10-Year	Floodplain As Is	139000.00	-19.04	22.04	-3.71	22.10	0.000018	2.01	76807.29	7584.83	0.06
Restudy Reach	241034	50-Year	Floodplain As Is	183000.00	-19.04	26.52	-1.35	26.58	0.000016	2.10	98316.52	7961.58	0.06
Restudy Reach	241034	100-Year	Floodplain As Is	202000.00	-19.04	28.38	-0.35	28.43	0.000014	2.06	125176.50	8368.87	0.06
Restudy Reach	241034	500-Year	Floodplain As Is	248000.00	-19.04	32.75	1.83	32.78	0.000011	1.91	193497.00	10245.59	0.05
Restudy Reach	240276	10-Year	Floodplain As Is	139000.00	-18.92	21.70	-3.63	22.00	0.000084	4.54	34059.15	4893.37	0.14
Restudy Reach	240276	50-Year	Floodplain As Is	183000.00	-18.92	26.09	-1.42	26.46	0.000091	5.14	41555.83	5845.89	0.15
Restudy Reach	240276	100-Year	Floodplain As Is	202000.00	-18.92	27.89	-0.53	28.29	0.000092	5.36	44774.54	6513.35	0.15
Restudy Reach	240276	500-Year	Floodplain As Is	248000.00	-18.92	32.52	1.50	32.72	0.000052	4.35	126854.40	8463.72	0.12
Restudy Reach	240133			Multi Open									
Restudy Reach	239973	10-Year	Floodplain As Is	139000.00	-22.00	21.64	-4.76	21.91	0.000078	4.27	37073.14	4775.67	0.14
Restudy Reach	239973	50-Year	Floodplain As Is	183000.00	-22.00	26.01	-2.62	26.36	0.000083	4.81	45190.55	5366.27	0.14
Restudy Reach	239973	100-Year	Floodplain As Is	202000.00	-22.00	27.82	-1.76	28.18	0.000084	5.00	48695.58	6196.96	0.15
Restudy Reach	239973	500-Year	Floodplain As Is	248000.00	-22.00	32.21	0.25	32.44	0.000057	4.43	110770.10	8292.02	0.12
Restudy Reach	239116	10-Year	Floodplain As Is	139000.00	-23.65	21.61	-2.89	21.80	0.000068	3.94	61475.74	5801.65	0.13
Restudy Reach	239116	50-Year	Floodplain As Is	183000.00	-23.65	26.01	-0.55	26.22	0.000066	4.23	79988.03	5948.57	0.13
Restudy Reach	239116	100-Year	Floodplain As Is	202000.00	-23.65	27.82	0.38	28.04	0.000065	4.34	87787.50	6338.02	0.13
Restudy Reach	239116	500-Year	Floodplain As Is	248000.00	-23.65	32.22	2.39	32.33	0.000036	3.48	151471.40	9393.26	0.10
Restudy Reach	234173	10-Year	Floodplain As Is	140000.00	-21.57	21.44	-3.91	21.55	0.000041	3.08	92838.59	7010.03	0.10
Restudy Reach	234173	50-Year	Floodplain As Is	185000.00	-21.57	25.88	-1.82	25.98	0.000036	3.12	124233.10	7264.00	0.09
Restudy Reach	234173	100-Year	Floodplain As Is	205000.00	-21.57	27.71	-0.96	27.81	0.000034	3.14	138193.30	8350.86	0.09
Restudy Reach	234173	500-Year	Floodplain As Is	254000.00	-21.57	32.12	1.02	32.2					

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	229368	50-Year	Floodplain As Is	185000.00	-32.98	25.80		25.89	0.000037	3.39	156072.50	9681.51	0.10
Restudy Reach	229368	100-Year	Floodplain As Is	205000.00	-32.98	27.64		27.72	0.000034	3.36	173713.60	9619.29	0.09
Restudy Reach	229368	500-Year	Floodplain As Is	254000.00	-32.98	32.06		32.14	0.000028	3.28	216496.20	9736.63	0.09
Restudy Reach	225743	10-Year	Floodplain As Is	140000.00	-20.17	21.25	-2.09	21.32	0.000032	2.63	105248.80	10230.99	0.09
Restudy Reach	225743	50-Year	Floodplain As Is	185000.00	-20.17	25.75	-0.23	25.81	0.000024	2.51	146913.00	11744.28	0.08
Restudy Reach	225743	100-Year	Floodplain As Is	205000.00	-20.17	27.60	0.54	27.65	0.000022	2.48	164002.60	12241.89	0.07
Restudy Reach	225743	500-Year	Floodplain As Is	254000.00	-20.17	32.03	2.35	32.08	0.000017	2.41	207617.30	13588.06	0.07
Restudy Reach	223860	10-Year	Floodplain As Is	140000.00	-34.26	21.21	-5.04	21.27	0.000029	2.70	121614.90	11228.79	0.08
Restudy Reach	223860	50-Year	Floodplain As Is	185000.00	-34.26	25.73	-1.60	25.77	0.000022	2.56	165819.10	11489.04	0.07
Restudy Reach	223860	100-Year	Floodplain As Is	205000.00	-34.26	27.57	-0.34	27.62	0.000020	2.53	183932.90	11542.73	0.07
Restudy Reach	223860	500-Year	Floodplain As Is	254000.00	-34.26	32.01	1.90	32.05	0.000017	2.47	227609.80	11661.57	0.07
Restudy Reach	221515	10-Year	Floodplain As Is	140000.00	-32.25	21.13	-7.57	21.21	0.000033	3.07	142816.60	11615.74	0.09
Restudy Reach	221515	50-Year	Floodplain As Is	185000.00	-32.25	25.67	-4.01	25.73	0.000025	2.91	195712.10	11702.45	0.08
Restudy Reach	221515	100-Year	Floodplain As Is	205000.00	-32.25	27.53	-2.64	27.58	0.000023	2.87	217435.80	11768.20	0.08
Restudy Reach	221515	500-Year	Floodplain As Is	254000.00	-32.25	31.98	0.48	32.02	0.000019	2.78	270209.60	11996.73	0.07
Restudy Reach	216866	10-Year	Floodplain As Is	140000.00	-24.65	21.05		21.11	0.000030	2.63	118275.30	9994.17	0.08
Restudy Reach	216866	50-Year	Floodplain As Is	185000.00	-24.65	25.62		25.66	0.000021	2.43	164038.70	10030.76	0.07
Restudy Reach	216866	100-Year	Floodplain As Is	205000.00	-24.65	27.47		27.52	0.000019	2.38	182711.00	10050.86	0.07
Restudy Reach	216866	500-Year	Floodplain As Is	254000.00	-24.65	31.94		31.97	0.000015	2.30	227814.40	10176.39	0.06
Restudy Reach	215695	10-Year	Floodplain As Is	140000.00	-18.14	21.00		21.07	0.000037	2.66	109590.40	9568.63	0.09
Restudy Reach	215695	50-Year	Floodplain As Is	185000.00	-18.14	25.58		25.63	0.000025	2.46	153533.40	9617.77	0.08
Restudy Reach	215695	100-Year	Floodplain As Is	205000.00	-18.14	27.45		27.49	0.000023	2.42	171457.60	9628.93	0.07
Restudy Reach	215695	500-Year	Floodplain As Is	254000.00	-18.14	31.91		31.95	0.000018	2.33	214612.00	9691.28	0.07
Restudy Reach	214595	10-Year	Floodplain As Is	140000.00	-21.08	20.95		21.03	0.000040	2.96	113140.00	8913.63	0.10
Restudy Reach	214595	50-Year	Floodplain As Is	185000.00	-21.08	25.54		25.60	0.000031	2.86	154109.20	8934.61	0.09
Restudy Reach	214595	100-Year	Floodplain As Is	205000.00	-21.08	27.40		27.47	0.000029	2.84	170792.20	8961.50	0.08
Restudy Reach	214595	500-Year	Floodplain As Is	254000.00	-21.08	31.88		31.93	0.000024	2.81	211062.50	9023.99	0.08
Restudy Reach	213291	10-Year	Floodplain As Is	140000.00	-21.38	20.90		20.98	0.000035	2.91	96927.65	7798.99	0.09
Restudy Reach	213291	50-Year	Floodplain As Is	185000.00	-21.38	25.50		25.57	0.000026	2.77	132931.40	7836.07	0.08
Restudy Reach	213291	100-Year	Floodplain As Is	205000.00	-21.38	27.37		27.43	0.000024	2.74	147586.80	7850.22	0.08
Restudy Reach	213291	500-Year	Floodplain As Is	254000.00	-21.38	31.85		31.91	0.000020	2.67	182829.40	7891.37	0.07
Restudy Reach	211239	10-Year	Floodplain As Is	141000.00	-18.26	20.81		20.91	0.000045	3.20	88643.11	6890.71	0.10
Restudy Reach	211239	50-Year	Floodplain As Is	186000.00	-18.26	25.43		25.52	0.000034	3.08	120565.90	6913.18	0.09
Restudy Reach	211239	100-Year	Floodplain As Is	206000.00	-18.26	27.31		27.39	0.000032	3.06	133528.00	6921.93	0.09
Restudy Reach	211239	500-Year	Floodplain As Is	256000.00	-18.26	31.79		31.87	0.000026	3.02	164642.40	6942.36	0.08
Restudy Reach	208063	10-Year	Floodplain As Is	141000.00	-17.49	20.67		20.80	0.000052	3.36	68029.03	5072.08	0.11
Restudy Reach	208063	50-Year	Floodplain As Is	186000.00	-17.49	25.32		25.44	0.000042	3.36	91986.05	5268.96	0.10
Restudy Reach	208063	100-Year	Floodplain As Is	206000.00	-17.49	27.20		27.31	0.000040	3.37	101948.30	5324.97	0.10
Restudy Reach	208063	500-Year	Floodplain As Is	256000.00	-17.49	31.70		31.81	0.000034	3.39	126039.00	5388.60	0.09
Restudy Reach	206225	10-Year	Floodplain As Is	141000.00	-22.38	20.41	-3.70	20.68	0.000082	4.33	45118.89	2763.16	0.14
Restudy Reach	206225	50-Year	Floodplain As Is	186000.00	-22.38	25.02	-1.31	25.63	0.000081	4.73	60166.63	3599.69	0.14
Restudy Reach	206225	100-Year	Floodplain As Is	206000.00	-22.38	26.89	-0.24	27.21	0.000079	4.85	66952.26	3639.69	0.14
Restudy Reach	206225	500-Year	Floodplain As Is	256000.00	-22.38	31.39	2.12	31.72	0.000074	5.06	83485.55	3711.83	0.14
Restudy Reach	204481	10-Year	Floodplain As Is	141000.00	-24.99	20.02	-4.46	20.49	0.000129	5.66	30084.35	2105.02	0.18
Restudy Reach	204481	50-Year	Floodplain As Is	186000.00	-24.99	24.61	-1.37	25.14	0.000128	6.15	40957.57	2471.07	0.18
Restudy Reach	204481	100-Year	Floodplain As Is	206000.00	-24.99	26.49	-0.28	27.03	0.000125	6.29	45734.36	2740.60	0.18
Restudy Reach	204481	500-Year	Floodplain As Is	256000.00	-24.99	31.00	2.22	31.55	0.000116	6.51	58549.71	2875.51	0.17
Restudy Reach	204000	10-Year	Floodplain As Is	141000.00	-25.82	20.03	-6.34	20.41	0.000102	5.11	33605.34	2181.56	0.16
Restudy Reach	204000	50-Year	Floodplain As Is	186000.00	-25.82	24.62	-3.89	25.06	0.000106	5.63	44229.79	2395.39	0.16
Restudy Reach	204000	100-Year	Floodplain As Is	206000.00	-25.82	26.49	-2.84	26.95	0.000104	5.77	48897.22	2577.93	0.16
Restudy Reach	204000	500-Year	Floodplain As Is	256000.00	-25.82	31.00	-0.35	31.48	0.000099	6.05	61098.83	2791.35	0.16
Restudy Reach	203475	10-Year	Floodplain As Is	141000.00	-25.33	19.97	-5.30	20.36	0.000098	5.13	35450.49	2193.69	0.15
Restudy Reach	203475	50-Year	Floodplain As Is	186000.00	-25.33	24.57	-2.90	25.01	0.000098	5.63	46686.30	2493.06	0.16
Restudy Reach	203475	100-Year	Floodplain As Is	206000.00	-25.33	26.44	-1.87	26.90	0.000098	5.80	51498.47	2632.98	0.16
Restudy Reach	203475	500-Year	Floodplain As Is	256000.00	-25.33	30.95	0.55	31.43	0.000095	6.12	64080.06	2846.93	0.16
Restudy Reach	203007	10-Year	Floodplain As Is	141000.00	-24.91	19.96	-5.05	20.30	0.000092	4.83	36106.00	2016.74	0.15
Restudy Reach	203007	50-Year	Floodplain As Is	186000.00	-24.91	24.55	-2.74	24.95	0.000094	5.31	46262.75	2166.01	0.15
Restudy Reach	203007	100-Year	Floodplain As Is	206000.00	-24.91	26.43	-1.80	26.84	0.000094	5.49	50427.32	2323.64	0.15
Restudy Reach	203007	500-Year	Floodplain As Is	256000.00	-24.91	30.93	0.41	31.38	0.000092	5.85	62044.17	2734.25	0.16
Restudy Reach	202226	10-Year	Floodplain As Is	141000.00	-20.50	19.91	-3.77	20.22	0.000088	4.64	38270.13	2363.67	0.15
Restudy Reach	202226	50-Year	Floodplain As Is	186000.00	-20.50	24.52	-1.57	24.86	0.000085	4.99	49377.36	2439.47	0.15
Restudy Reach	202226	100-Year	Floodplain As Is	206000.00	-20.50	26.40	-0.66	26.75	0.000084	5.12	53986.27	2464.95	0.15
Restudy Reach	202226	500-Year	Floodplain As Is	256000.00	-20.50	30.92	1.47	31.28	0.000079	5.37	65210.80	2501.98	0.15
Restudy Reach	201702	10-Year	Floodplain As Is	141000.00	-18.93	19.86	-3.61	20.17	0.000089	4.65	37035.90	1979.52	0.15
Restudy Reach	201702	50-Year	Floodplain As Is	186000.00	-18.93	24.46	-1.44	24.81	0.000088	5.07	46322.23	2055.19	0.15
Restudy Reach	201702	100-Year	Floodplain As Is	206000.00	-18.93	26.34	-0.56	26.70	0.000088	5.23	50201.67	2094.49	0.15
Restudy Reach	201702	500-Year	Floodplain As Is	256000.00	-18.93	30.84	1.53	31.24	0.000085	5.56	60210.43	2355.36	0.15
Restudy Reach	200986	10-Year	Floodplain As Is	141000.00	-17.53	19.82	-4.30	20.10	0.000081	4.48	38112.64	1955.36	0.14
Restudy Reach	200986	50-Year	Floodplain As Is	186000.00	-17.53	24.42	-2.16	24.75	0.000082	4.91	47225.28	2006.86	0.14
Restudy Reach	200986	100-Year	Floodplain As Is	206000.00	-17.53	26.29	-1.25	26.64	0.000082	5.07	51000.52	2025.75	0.14
Restudy Reach	200986	500-Year	Floodplain As Is	256000.00	-17.53	30.79	0.91	31.17	0.000080	5.41	60204.41	2063.18	0.15
Restudy Reach	200434	10-Year	Floodplain As Is	141000.00	-16.99	19.78	-4.28	20.06	0.000079	4.46	39280.52	1959.44	0.14
Restudy Reach	200434	50-Year	Floodplain As Is	186000.00	-16.99	24.38	-2.07	24.70	0.000079	4.89	48329.68	1985.84	0.14
Restudy Reach	200434	100-Year	Floodplain As Is	206000.00	-16.99	26.25	-1.15	26.59	0.000080	5.06	52054.88	1993.63	0.14
Restudy Reach	200434	500-Year	Floodplain As Is	256000.00	-16.99	30.75	0.92	31.13	0.000079	5.41	61065.42	2012.37	0.14
Restudy Reach	200002	10-Year	Floodplain As Is	141000.00	-16.78	19.76	-3.92	20.02	0.000078	4.30	39120.50	1883.88	0.14
Restudy Reach	200002	50-Year	Floodplain As Is	186000.00	-16.78	24.35	-1.84	24.66	0.000079	4.73	47833.91	1906.73	0.14
Restudy Reach	200002	100-Year	Floodplain As Is	206000.00	-16.78	26.23	-0.97	26.55	0.000079	4.90	51411.41	1916.04	0.14
Restudy Reach	200002	500-Year	Floodplain As Is	256000.00	-16.78	30.72	1.18	31.09	0.000078	5.25	60089.45	1946.73	0.14
Restudy Reach	199472	10-Year	Floodplain As Is	141000.00	-18.36	19.63		19.97	0.000089	4.65	30930.58	1060.52	0.15
Restudy Reach	199472	50-Year	Floodplain As Is	186000.00	-18.36	24.15		24.60	0.000099	5.37	35916.99	1296.23	0.16
Restudy Reach	199472	100-Year	Floodplain As Is	206000.00									

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	198335	10-Year	Floodplain As Is	141000.00	-17.83	19.50	-2.84	19.86	0.000099	4.81	32380.02	1399.49	0.15
Restudy Reach	198335	50-Year	Floodplain As Is	186000.00	-17.83	24.02	-0.88	24.47	0.000107	5.47	38755.95	1423.27	0.16
Restudy Reach	198335	100-Year	Floodplain As Is	206000.00	-17.83	25.86	-0.06	26.35	0.000109	5.74	41379.76	1438.44	0.17
Restudy Reach	198335	500-Year	Floodplain As Is	256000.00	-17.83	30.28	1.86	30.88	0.000114	6.32	48514.72	1789.86	0.17
Restudy Reach	197705	10-Year	Floodplain As Is	141000.00	-17.85	19.46	-2.26	19.78	0.000097	4.57	32509.65	1399.70	0.15
Restudy Reach	197705	50-Year	Floodplain As Is	186000.00	-17.85	23.98	-0.28	24.39	0.000102	5.18	38930.66	1437.51	0.16
Restudy Reach	197705	100-Year	Floodplain As Is	206000.00	-17.85	25.82	0.53	26.27	0.000104	5.42	41583.27	1446.28	0.16
Restudy Reach	197705	500-Year	Floodplain As Is	256000.00	-17.85	30.25	2.45	30.79	0.000107	5.94	49808.48	2196.99	0.17
Restudy Reach	197005	10-Year	Floodplain As Is	141000.00	-19.87	19.37	-2.14	19.71	0.000102	4.71	31824.34	1275.82	0.15
Restudy Reach	197005	50-Year	Floodplain As Is	186000.00	-19.87	23.88	-0.13	24.32	0.000108	5.35	38073.89	1740.04	0.16
Restudy Reach	197005	100-Year	Floodplain As Is	206000.00	-19.87	25.71	0.70	26.19	0.000111	5.61	40859.35	1853.20	0.17
Restudy Reach	197005	500-Year	Floodplain As Is	256000.00	-19.87	30.14	2.63	30.71	0.000113	6.13	50748.80	2289.92	0.17
Restudy Reach	196387	10-Year	Floodplain As Is	141000.00	-20.56	19.31	-2.12	19.65	0.000104	4.74	34119.08	1487.17	0.16
Restudy Reach	196387	50-Year	Floodplain As Is	186000.00	-20.56	23.82	0.13	24.25	0.000110	5.36	40891.47	1735.35	0.16
Restudy Reach	196387	100-Year	Floodplain As Is	206000.00	-20.56	25.65	1.03	26.12	0.000112	5.60	43679.88	1832.79	0.17
Restudy Reach	196387	500-Year	Floodplain As Is	256000.00	-20.56	30.08	3.15	30.63	0.000113	6.11	53733.22	2355.28	0.17
Restudy Reach	195826	10-Year	Floodplain As Is	141000.00	-20.54	19.29	-2.18	19.58	0.000099	4.33	35044.98	1813.27	0.15
Restudy Reach	195826	50-Year	Floodplain As Is	186000.00	-20.54	23.82	0.38	24.17	0.000098	4.79	43311.50	1835.64	0.16
Restudy Reach	195826	100-Year	Floodplain As Is	206000.00	-20.54	25.66	1.34	26.03	0.000097	4.97	46703.98	1844.95	0.16
Restudy Reach	195826	500-Year	Floodplain As Is	256000.00	-20.54	30.11	3.77	30.54	0.000095	5.35	54971.02	1870.08	0.15
Restudy Reach	195394	10-Year	Floodplain As Is	141000.00	-19.04	19.24	-2.43	19.53	0.000096	4.40	34866.71	1734.24	0.15
Restudy Reach	195394	50-Year	Floodplain As Is	186000.00	-19.04	23.77	0.13	24.12	0.000096	4.86	42778.80	1756.04	0.15
Restudy Reach	195394	100-Year	Floodplain As Is	206000.00	-19.04	25.62	1.21	25.99	0.000096	5.04	46024.57	1764.12	0.15
Restudy Reach	195394	500-Year	Floodplain As Is	256000.00	-19.04	30.07	3.42	30.50	0.000094	5.42	53924.02	1783.62	0.15
Restudy Reach	194949	10-Year	Floodplain As Is	141000.00	-19.45	19.21	-3.80	19.49	0.000091	4.31	36844.49	1784.76	0.14
Restudy Reach	194949	50-Year	Floodplain As Is	186000.00	-19.45	23.73	-0.72	24.08	0.000094	4.82	44974.00	1800.15	0.15
Restudy Reach	194949	100-Year	Floodplain As Is	206000.00	-19.45	25.57	0.39	25.95	0.000094	5.03	48306.56	1816.29	0.15
Restudy Reach	194949	500-Year	Floodplain As Is	256000.00	-19.45	30.01	2.67	30.45	0.000095	5.47	56403.44	1832.14	0.16
Restudy Reach	194438	10-Year	Floodplain As Is	141000.00	-17.46	19.17	-4.04	19.44	0.000082	4.27	40424.80	1935.03	0.14
Restudy Reach	194438	50-Year	Floodplain As Is	186000.00	-17.46	23.69	-1.76	24.03	0.000086	4.80	49209.23	1948.48	0.15
Restudy Reach	194438	100-Year	Floodplain As Is	206000.00	-17.46	25.53	-0.90	25.90	0.000087	5.01	52795.68	1953.96	0.15
Restudy Reach	194438	500-Year	Floodplain As Is	256000.00	-17.46	29.97	1.14	30.40	0.000089	5.47	61497.60	1967.19	0.15
Restudy Reach	194032	10-Year	Floodplain As Is	141000.00	-17.28	19.13	-4.74	19.41	0.000079	4.31	39709.49	1883.92	0.14
Restudy Reach	194032	50-Year	Floodplain As Is	186000.00	-17.28	23.64	-2.76	24.00	0.000084	4.88	48260.18	1902.99	0.14
Restudy Reach	194032	100-Year	Floodplain As Is	206000.00	-17.28	25.48	-1.93	25.86	0.000086	5.10	51758.92	1910.74	0.15
Restudy Reach	194032	500-Year	Floodplain As Is	256000.00	-17.28	29.91	0.03	30.36	0.000089	5.58	60264.66	1927.32	0.15
Restudy Reach	193500	10-Year	Floodplain As Is	141000.00	-18.00	19.08	-5.17	19.37	0.000080	4.32	36453.41	1596.23	0.14
Restudy Reach	193500	50-Year	Floodplain As Is	186000.00	-18.00	23.58	-3.23	23.95	0.000086	4.92	43691.12	1618.04	0.15
Restudy Reach	193500	100-Year	Floodplain As Is	206000.00	-18.00	25.41	-2.40	25.81	0.000089	5.16	46659.09	1626.95	0.15
Restudy Reach	193500	500-Year	Floodplain As Is	256000.00	-18.00	29.83	-0.37	30.31	0.000092	5.67	53895.20	1647.37	0.16
Restudy Reach	192865	10-Year	Floodplain As Is	141000.00	-18.90	19.05	-4.15	19.31	0.000074	4.09	37076.02	1663.61	0.13
Restudy Reach	192865	50-Year	Floodplain As Is	186000.00	-18.90	23.56	-2.33	23.89	0.000079	4.65	45557.19	2110.24	0.14
Restudy Reach	192865	100-Year	Floodplain As Is	206000.00	-18.90	25.39	-1.56	25.75	0.000081	4.86	49431.18	2118.65	0.14
Restudy Reach	192865	500-Year	Floodplain As Is	256000.00	-18.90	29.82	0.21	30.24	0.000083	5.31	58859.99	2140.07	0.15
Restudy Reach	192497	10-Year	Floodplain As Is	141000.00	-21.62	19.02	-3.12	19.28	0.000079	4.11	36861.23	1658.99	0.14
Restudy Reach	192497	50-Year	Floodplain As Is	186000.00	-21.62	23.53	-1.28	23.86	0.000083	4.65	45318.07	2088.43	0.14
Restudy Reach	192497	100-Year	Floodplain As Is	206000.00	-21.62	25.36	-0.48	25.72	0.000084	4.86	49210.61	2151.85	0.14
Restudy Reach	192497	500-Year	Floodplain As Is	256000.00	-21.62	29.79	1.35	30.21	0.000086	5.29	58983.14	2228.44	0.15
Restudy Reach	191996	10-Year	Floodplain As Is	141000.00	-22.12	18.99	-2.51	19.24	0.000079	3.99	39750.41	2345.57	0.13
Restudy Reach	191996	50-Year	Floodplain As Is	186000.00	-22.12	23.51	-0.81	23.81	0.000080	4.44	50712.40	2444.32	0.14
Restudy Reach	191996	100-Year	Floodplain As Is	206000.00	-22.12	25.34	-0.09	25.66	0.000080	4.62	55207.98	2451.65	0.14
Restudy Reach	191996	500-Year	Floodplain As Is	256000.00	-22.12	29.78	1.60	30.15	0.000079	4.99	66132.61	2469.23	0.14
Restudy Reach	191540	10-Year	Floodplain As Is	141000.00	-20.99	18.96		19.20	0.000079	3.96	39747.72	2203.62	0.13
Restudy Reach	191540	50-Year	Floodplain As Is	186000.00	-20.99	23.47		23.77	0.000080	4.41	49935.18	2316.72	0.14
Restudy Reach	191540	100-Year	Floodplain As Is	206000.00	-20.99	25.31		25.63	0.000081	4.61	54393.91	2550.84	0.14
Restudy Reach	191540	500-Year	Floodplain As Is	256000.00	-20.99	29.75		30.11	0.000080	4.97	65844.03	2586.17	0.14
Restudy Reach	190834	10-Year	Floodplain As Is	141000.00	-16.80	18.91	-1.13	19.14	0.000080	3.91	41980.15	2750.55	0.13
Restudy Reach	190834	50-Year	Floodplain As Is	186000.00	-16.80	23.43	0.66	23.71	0.000079	4.31	54865.99	2890.58	0.14
Restudy Reach	190834	100-Year	Floodplain As Is	206000.00	-16.80	25.27	1.38	25.56	0.000078	4.46	60201.91	2923.61	0.14
Restudy Reach	190834	500-Year	Floodplain As Is	256000.00	-16.80	29.72	2.92	30.05	0.000075	4.77	73574.23	3024.50	0.14
Restudy Reach	189987	10-Year	Floodplain As Is	141000.00	-21.43	18.83	-1.66	19.07	0.000084	4.09	44782.02	3192.20	0.14
Restudy Reach	189987	50-Year	Floodplain As Is	186000.00	-21.43	23.38	0.32	23.64	0.000078	4.36	59783.69	3450.55	0.14
Restudy Reach	189987	100-Year	Floodplain As Is	206000.00	-21.43	25.22	1.09	25.49	0.000076	4.46	66168.91	3457.78	0.14
Restudy Reach	189987	500-Year	Floodplain As Is	256000.00	-21.43	29.70	2.77	29.98	0.000069	4.65	81670.02	3474.40	0.13
Restudy Reach	189473	10-Year	Floodplain As Is	141000.00	-20.66	18.84	-2.21	19.01	0.000068	3.71	49844.95	3467.17	0.12
Restudy Reach	189473	50-Year	Floodplain As Is	186000.00	-20.66	23.40	0.04	23.58	0.000058	3.79	66258.60	3662.64	0.12
Restudy Reach	189473	100-Year	Floodplain As Is	206000.00	-20.66	25.26	0.92	25.43	0.000055	3.83	73059.21	3671.30	0.12
Restudy Reach	189473	500-Year	Floodplain As Is	256000.00	-20.66	29.74	2.83	29.92	0.000048	3.89	89566.09	3692.24	0.11
Restudy Reach	188982	10-Year	Floodplain As Is	141000.00	-20.49	18.79	-2.81	18.98	0.000071	3.87	56221.02	3757.83	0.13
Restudy Reach	188982	50-Year	Floodplain As Is	186000.00	-20.49	23.35	-0.62	23.55	0.000063	4.05	73887.88	3958.69	0.12
Restudy Reach	188982	100-Year	Floodplain As Is	206000.00	-20.49	25.21	0.24	25.40	0.000061	4.11	81241.83	3974.16	0.12
Restudy Reach	188982	500-Year	Floodplain As Is	256000.00	-20.49	29.69	2.31	29.89	0.000055	4.24	99111.50	3997.83	0.12
Restudy Reach	188479	10-Year	Floodplain As Is	141000.00	-18.76	18.74	-3.10	18.94	0.000072	3.93	56287.57	3802.06	0.13
Restudy Reach	188479	50-Year	Floodplain As Is	186000.00	-18.76	23.30	-0.89	23.51	0.000066	4.16	74237.66	4081.14	0.13
Restudy Reach	188479	100-Year	Floodplain As Is	206000.00	-18.76	25.16	-0.04	25.37	0.000064	4.24	81842.74	4111.13	0.13
Restudy Reach	188479	500-Year	Floodplain As Is	256000.00	-18.76	29.64	1.97	29.86	0.000059	4.41	100317.20	4131.52	0.12
Restudy Reach	187845	10-Year	Floodplain As Is	141000.00	-18.24	18.74	-3.79	18.89	0.000056	3.43	63998.53	4216.59	0.11
Restudy Reach	187845	50-Year	Floodplain As Is	186000.00	-18.24	23.31	-1.78	23.46	0.000051	3.60	83757.77	4380.51	0.11
Restudy Reach	187845	100-Year	Floodplain As Is	206000.00	-18.24	25.16	-0.95	25.32	0.000049	3.67	91893.01	4391.53	0.11
Restudy Reach	187845	500-Year	Floodplain As Is	256000.00	-18.24	29.65	1.00	29.81	0.000045	3.82	111650.50	4415.09	0.11
Restudy Reach	186978	10-Year	Floodplain As Is	141000.00	-20.07	18.68	-4.06	18.84	0.000060	3.57	70783.64	4486.08	

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	185493	10-Year	Floodplain As Is	141000.00	-16.74	18.59	-4.29	18.74	0.000058	3.50	78503.61	4851.03	0.12
Restudy Reach	185493	50-Year	Floodplain As Is	186000.00	-16.74	23.17	-2.39	23.33	0.000054	3.74	100746.20	4873.72	0.11
Restudy Reach	185493	100-Year	Floodplain As Is	206000.00	-16.74	25.02	-1.60	25.19	0.000053	3.84	109796.90	4884.16	0.11
Restudy Reach	185493	500-Year	Floodplain As Is	256000.00	-16.74	29.51	0.24	29.69	0.000051	4.05	131771.20	4906.93	0.11
Restudy Reach	184768	10-Year	Floodplain As Is	141000.00	-13.14	18.56	-3.07	18.70	0.000053	3.24	84557.16	5803.90	0.11
Restudy Reach	184768	50-Year	Floodplain As Is	186000.00	-13.14	23.15	-1.27	23.29	0.000048	3.42	111298.60	5869.46	0.11
Restudy Reach	184768	100-Year	Floodplain As Is	206000.00	-13.14	25.00	-0.52	25.15	0.000047	3.50	122222.90	5889.84	0.11
Restudy Reach	184768	500-Year	Floodplain As Is	256000.00	-13.14	29.50	1.18	29.65	0.000043	3.66	148813.30	5940.13	0.10
Restudy Reach	184098	10-Year	Floodplain As Is	141000.00	-15.95	18.56	-1.52	18.65	0.000041	2.74	91675.20	6274.74	0.10
Restudy Reach	184098	50-Year	Floodplain As Is	186000.00	-15.95	23.15	-0.06	23.24	0.000035	2.86	120525.70	6300.45	0.09
Restudy Reach	184098	100-Year	Floodplain As Is	206000.00	-15.95	25.01	0.53	25.10	0.000034	2.91	132257.90	6313.35	0.09
Restudy Reach	184098	500-Year	Floodplain As Is	256000.00	-15.95	29.51	1.93	29.61	0.000031	3.02	160740.70	6349.02	0.09
Restudy Reach	183231	10-Year	Floodplain As Is	141000.00	-18.83	18.53	0.39	18.61	0.000038	2.47	88843.06	6106.19	0.09
Restudy Reach	183231	50-Year	Floodplain As Is	186000.00	-18.83	23.12	1.68	23.20	0.000032	2.55	117565.10	6339.44	0.09
Restudy Reach	183231	100-Year	Floodplain As Is	206000.00	-18.83	24.99	2.18	25.07	0.000030	2.59	129421.80	6396.15	0.08
Restudy Reach	183231	500-Year	Floodplain As Is	256000.00	-18.83	29.49	3.30	29.57	0.000026	2.67	158369.10	6454.26	0.06
Restudy Reach	182250	10-Year	Floodplain As Is	141000.00	-32.00	18.45	-0.55	18.55	0.000059	2.81	75480.41	5841.62	0.11
Restudy Reach	182250	50-Year	Floodplain As Is	186000.00	-32.00	23.05	1.08	23.15	0.000050	2.81	102962.90	6043.72	0.10
Restudy Reach	182250	100-Year	Floodplain As Is	206000.00	-32.00	24.92	1.73	25.02	0.000047	2.82	114288.10	6093.07	0.10
Restudy Reach	182250	500-Year	Floodplain As Is	256000.00	-32.00	29.43	3.28	29.53	0.000041	2.83	141991.50	6164.81	0.09
Restudy Reach	181451	10-Year	Floodplain As Is	141000.00	-28.48	18.40	-2.43	18.51	0.000053	2.86	73031.88	5981.00	0.11
Restudy Reach	181451	50-Year	Floodplain As Is	186000.00	-28.48	23.02	-0.59	23.11	0.000045	2.84	101677.80	6506.90	0.10
Restudy Reach	181451	100-Year	Floodplain As Is	206000.00	-28.48	24.89	0.10	24.98	0.000042	2.83	113879.70	6540.65	0.10
Restudy Reach	181451	500-Year	Floodplain As Is	256000.00	-28.48	29.41	1.76	29.50	0.000036	2.81	143816.80	6853.21	0.09
Restudy Reach	180471	10-Year	Floodplain As Is	141000.00	-23.45	18.36	-4.28	18.45	0.000044	2.77	94550.87	7404.56	0.10
Restudy Reach	180471	50-Year	Floodplain As Is	186000.00	-23.45	22.99	-2.11	23.07	0.000037	2.76	129844.30	7770.04	0.09
Restudy Reach	180471	100-Year	Floodplain As Is	206000.00	-23.45	24.86	-1.23	24.94	0.000034	2.77	144312.60	7809.65	0.09
Restudy Reach	180471	500-Year	Floodplain As Is	256000.00	-23.45	29.38	0.72	29.46	0.000030	2.78	179325.90	7900.24	0.08
Restudy Reach	179610	10-Year	Floodplain As Is	141000.00	-20.33	18.26	-4.55	18.40	0.000056	3.26	57010.05	4134.11	0.11
Restudy Reach	179610	50-Year	Floodplain As Is	186000.00	-20.33	22.88	-2.56	23.02	0.000050	3.41	76968.88	4370.49	0.11
Restudy Reach	179610	100-Year	Floodplain As Is	206000.00	-20.33	24.75	-1.72	24.89	0.000048	3.47	85156.32	4394.60	0.11
Restudy Reach	179610	500-Year	Floodplain As Is	256000.00	-20.33	29.26	0.20	29.42	0.000043	3.59	105320.00	4877.42	0.10
Restudy Reach	178882	10-Year	Floodplain As Is	141000.00	-22.96	18.05	-5.18	18.34	0.000095	4.61	42817.41	4409.04	0.15
Restudy Reach	178882	50-Year	Floodplain As Is	186000.00	-22.96	22.66	-2.25	22.96	0.000089	4.92	56328.03	4772.26	0.15
Restudy Reach	178882	100-Year	Floodplain As Is	206000.00	-22.96	24.52	-1.13	24.84	0.000088	5.04	61832.70	4861.45	0.15
Restudy Reach	178882	500-Year	Floodplain As Is	256000.00	-22.96	29.03	1.78	29.36	0.000082	5.28	75256.86	5138.83	0.15
Restudy Reach	177926	10-Year	Floodplain As Is	141000.00	-24.11	18.04	-8.49	18.23	0.000065	3.84	54815.46	4827.44	0.12
Restudy Reach	177926	50-Year	Floodplain As Is	186000.00	-24.11	22.64	-5.80	22.86	0.000063	4.14	69889.20	5286.51	0.12
Restudy Reach	177926	100-Year	Floodplain As Is	206000.00	-24.11	24.51	-4.80	24.73	0.000062	4.26	76041.97	5356.12	0.12
Restudy Reach	177926	500-Year	Floodplain As Is	256000.00	-24.11	29.02	-2.47	29.26	0.000060	4.51	90980.48	5581.62	0.12
Restudy Reach	176967	10-Year	Floodplain As Is	141000.00	-25.73	17.98	-7.94	18.17	0.000061	3.82	59571.14	4923.46	0.12
Restudy Reach	176967	50-Year	Floodplain As Is	186000.00	-25.73	22.58	-5.78	22.80	0.000060	4.14	76990.67	5116.76	0.12
Restudy Reach	176967	100-Year	Floodplain As Is	206000.00	-25.73	24.45	-4.89	24.68	0.000059	4.27	84075.13	5147.84	0.12
Restudy Reach	176967	500-Year	Floodplain As Is	256000.00	-25.73	28.96	-2.69	29.21	0.000057	4.52	101291.50	5217.53	0.12
Restudy Reach	176019	10-Year	Floodplain As Is	141000.00	-23.37	17.95	-4.74	18.11	0.000055	3.39	62040.09	4292.29	0.11
Restudy Reach	176019	50-Year	Floodplain As Is	186000.00	-23.37	22.57	-2.95	22.73	0.000051	3.60	82440.08	4500.17	0.11
Restudy Reach	176019	100-Year	Floodplain As Is	206000.00	-23.37	24.44	-2.21	24.61	0.000049	3.68	90887.53	4535.61	0.11
Restudy Reach	176019	500-Year	Floodplain As Is	256000.00	-23.37	28.96	-0.48	29.14	0.000046	3.84	111776.70	4674.45	0.11
Restudy Reach	175015	10-Year	Floodplain As Is	141000.00	-18.23	17.82	-1.96	18.04	0.000077	3.79	42626.44	2699.89	0.13
Restudy Reach	175015	50-Year	Floodplain As Is	186000.00	-18.23	22.41	-0.48	22.66	0.000074	4.16	56629.04	3351.50	0.13
Restudy Reach	175015	100-Year	Floodplain As Is	206000.00	-18.23	24.27	0.14	24.54	0.000073	4.29	63021.92	3490.86	0.13
Restudy Reach	175015	500-Year	Floodplain As Is	256000.00	-18.23	28.77	1.63	29.07	0.000070	4.56	79594.17	4012.12	0.13
Restudy Reach	173726	10-Year	Floodplain As Is	141000.00	-18.32	17.68	-2.65	17.93	0.000086	4.01	41085.84	2566.86	0.14
Restudy Reach	173726	50-Year	Floodplain As Is	186000.00	-18.32	22.28	-0.99	22.56	0.000083	4.39	53673.00	2961.94	0.14
Restudy Reach	173726	100-Year	Floodplain As Is	206000.00	-18.32	24.13	-0.31	24.44	0.000082	4.54	59270.86	3032.03	0.14
Restudy Reach	173726	500-Year	Floodplain As Is	256000.00	-18.32	28.64	1.31	28.97	0.000077	4.80	74244.56	3866.27	0.14
Restudy Reach	172964	10-Year	Floodplain As Is	141000.00	-18.33	17.62	-3.05	17.86	0.000087	4.00	40495.23	3021.56	0.14
Restudy Reach	172964	50-Year	Floodplain As Is	186000.00	-18.33	22.21	-1.31	22.50	0.000085	4.39	51518.19	4240.13	0.14
Restudy Reach	172964	100-Year	Floodplain As Is	206000.00	-18.33	24.06	-0.60	24.37	0.000084	4.55	56488.48	4379.40	0.14
Restudy Reach	172964	500-Year	Floodplain As Is	256000.00	-18.33	28.59	1.03	28.91	0.000076	4.73	87161.16	4613.91	0.14
Restudy Reach	171963	10-Year	Floodplain As Is	141000.00	-20.93	17.53	-4.47	17.77	0.000088	4.06	41600.79	3292.58	0.14
Restudy Reach	171963	50-Year	Floodplain As Is	186000.00	-20.93	22.15	-2.13	22.40	0.000078	4.26	63338.50	3484.12	0.14
Restudy Reach	171963	100-Year	Floodplain As Is	206000.00	-20.93	24.01	-1.28	24.28	0.000076	4.37	69850.44	3666.12	0.14
Restudy Reach	171963	500-Year	Floodplain As Is	256000.00	-20.93	28.54	0.45	28.83	0.000071	4.60	85980.46	4657.43	0.13
Restudy Reach	170999	10-Year	Floodplain As Is	141000.00	-28.83	17.39	-8.89	17.69	0.000075	4.41	35512.21	5398.64	0.13
Restudy Reach	170999	50-Year	Floodplain As Is	186000.00	-28.83	21.93	-6.87	22.31	0.000083	5.05	43730.00	6045.34	0.14
Restudy Reach	170999	100-Year	Floodplain As Is	206000.00	-28.83	23.77	-6.03	24.19	0.000085	5.29	47182.89	6350.24	0.15
Restudy Reach	170999	500-Year	Floodplain As Is	256000.00	-28.83	28.24	-4.04	28.73	0.000089	5.80	56536.97	7106.13	0.15
Restudy Reach	170002	10-Year	Floodplain As Is	141000.00	-17.43	17.34	-6.08	17.61	0.000077	4.20	34996.64	8393.03	0.14
Restudy Reach	170002	50-Year	Floodplain As Is	186000.00	-17.43	21.87	-4.27	22.22	0.000083	4.78	41271.46	8562.22	0.14
Restudy Reach	170002	100-Year	Floodplain As Is	206000.00	-17.43	23.70	-3.52	24.09	0.000086	5.02	43988.60	8655.33	0.15
Restudy Reach	170002	500-Year	Floodplain As Is	256000.00	-17.43	28.17	-1.71	28.63	0.000089	5.53	50413.78	8854.56	0.15
Restudy Reach	168942	10-Year	Floodplain As Is	141000.00	-17.51	17.28	-4.95	17.51	0.000076	3.83	37028.89	9042.91	0.13
Restudy Reach	168942	50-Year	Floodplain As Is	186000.00	-17.51	21.83	-3.33	22.12	0.000078	4.31	43813.92	10019.38	0.14
Restudy Reach	168942	100-Year	Floodplain As Is	206000.00	-17.51	23.67	-2.65	23.98	0.000079	4.50	46635.36	10334.67	0.14
Restudy Reach	168942	500-Year	Floodplain As Is	256000.00	-17.51	28.14	-1.07	28.52	0.000079	4.82	53550.29	10641.36	0.14
Restudy Reach	168435	10-Year	Floodplain As Is	141000.00	-30.79	17.28	-9.29	17.47	0.000057	3.52	40149.55	6968.62	0.12
Restudy Reach	168435	50-Year	Floodplain As Is	186000.00	-30.79	21.82	-7.06	22.07	0.000064	3.99	47075.19	8200.85	0.12
Restudy Reach	168435	100-Year	Floodplain As Is	206000.00	-30.79	23.66	-6.15	23.93	0.000066	4.18	50003.68	8761.88	0.13
Restudy Reach	168435	500-Year	Floodplain As Is	256000.00	-30.79	28.14	-4.14	28.47	0.000070	4.59	57601.25	9742.69	0.13

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	167503	500-Year	Floodplain As Is	256000.00	-35.09	27.97		28.34	0.000101	4.94	55906.64	9664.63	0.15
Restudy Reach	166940	10-Year	Floodplain As Is	141000.00	-32.24	16.99		17.31	0.000104	4.48	31506.62	5159.91	0.17
Restudy Reach	166940	50-Year	Floodplain As Is	186000.00	-32.24	21.52		21.89	0.000116	4.91	38322.59	5616.28	0.17
Restudy Reach	166940	100-Year	Floodplain As Is	206000.00	-32.24	23.35		23.75	0.000121	5.08	41189.99	5890.18	0.17
Restudy Reach	166940	500-Year	Floodplain As Is	256000.00	-32.24	27.83		28.27	0.000122	5.34	51406.53	6211.30	0.16
Restudy Reach	166573	10-Year	Floodplain As Is	142000.00	-32.26	16.97		17.26	0.000097	4.29	33137.96	3512.25	0.16
Restudy Reach	166573	50-Year	Floodplain As Is	190000.00	-32.26	21.49		21.84	0.000109	4.79	39970.92	3731.04	0.16
Restudy Reach	166573	100-Year	Floodplain As Is	211000.00	-32.26	23.32		23.70	0.000112	4.98	42773.15	3835.62	0.16
Restudy Reach	166573	500-Year	Floodplain As Is	265000.00	-32.26	27.77		28.22	0.000120	5.41	49983.61	4163.83	0.17
Restudy Reach	166005	10-Year	Floodplain As Is	142000.00	-34.69	16.94		17.20	0.000084	4.10	34638.22	2658.59	0.15
Restudy Reach	166005	50-Year	Floodplain As Is	190000.00	-34.69	21.45		21.78	0.000095	4.60	41345.27	3048.05	0.15
Restudy Reach	166005	100-Year	Floodplain As Is	211000.00	-34.69	23.28		23.63	0.000099	4.79	44200.06	3729.10	0.16
Restudy Reach	166005	500-Year	Floodplain As Is	265000.00	-34.69	27.73		28.15	0.000104	5.21	51547.10	3981.81	0.16
Restudy Reach	165580	10-Year	Floodplain As Is	142000.00	-38.05	16.87		17.16	0.000091	4.34	32721.37	2290.85	0.16
Restudy Reach	165580	50-Year	Floodplain As Is	190000.00	-38.05	21.36		21.73	0.000102	4.86	39387.37	2907.85	0.16
Restudy Reach	165580	100-Year	Floodplain As Is	211000.00	-38.05	23.19		23.58	0.000106	5.06	42164.76	3117.97	0.17
Restudy Reach	165580	500-Year	Floodplain As Is	265000.00	-38.05	27.63		28.10	0.000113	5.51	49369.38	3387.00	0.17
Restudy Reach	165043	10-Year	Floodplain As Is	142000.00	-27.60	16.84	-11.40	17.11	0.000080	4.20	33784.34	1317.47	0.14
Restudy Reach	165043	50-Year	Floodplain As Is	190000.00	-27.60	21.32	-8.56	21.68	0.000092	4.81	39668.46	2406.33	0.15
Restudy Reach	165043	100-Year	Floodplain As Is	211000.00	-27.60	23.13	-7.24	23.53	0.000097	5.05	42381.17	2816.59	0.16
Restudy Reach	165043	500-Year	Floodplain As Is	265000.00	-27.60	27.57	-3.48	28.04	0.000103	5.54	51255.59	3844.34	0.16
Restudy Reach	164803	10-Year	Floodplain As Is	142000.00	-25.91	16.83	-10.56	17.09	0.000083	4.09	34738.11	1258.15	0.14
Restudy Reach	164803	50-Year	Floodplain As Is	190000.00	-25.91	21.31	-8.06	21.65	0.000092	4.70	40570.27	1449.81	0.15
Restudy Reach	164803	100-Year	Floodplain As Is	211000.00	-25.91	23.12	-7.03	23.50	0.000094	4.93	43601.70	1914.09	0.15
Restudy Reach	164803	500-Year	Floodplain As Is	265000.00	-25.91	27.56	-4.55	28.01	0.000095	5.38	53188.31	2870.77	0.15
Restudy Reach	164766		Bridge										
Restudy Reach	164648	10-Year	Floodplain As Is	142000.00	-27.06	16.80	-10.01	17.07	0.000081	4.14	34507.61	1280.90	0.14
Restudy Reach	164648	50-Year	Floodplain As Is	190000.00	-27.06	21.27	-7.42	21.62	0.000091	4.78	40495.63	1412.30	0.15
Restudy Reach	164648	100-Year	Floodplain As Is	211000.00	-27.06	23.08	-6.40	23.47	0.000093	5.01	43519.48	1837.98	0.15
Restudy Reach	164648	500-Year	Floodplain As Is	265000.00	-27.06	27.52	-2.40	27.98	0.000096	5.49	52612.38	2298.38	0.15
Restudy Reach	164385	10-Year	Floodplain As Is	142000.00	-24.16	16.76	-9.73	17.04	0.000084	4.25	33459.44	1184.13	0.14
Restudy Reach	164385	50-Year	Floodplain As Is	190000.00	-24.16	21.22	-6.90	21.60	0.000094	4.92	39266.28	1589.95	0.15
Restudy Reach	164385	100-Year	Floodplain As Is	211000.00	-24.16	23.03	-5.66	23.45	0.000096	5.16	42272.66	1728.23	0.15
Restudy Reach	164385	500-Year	Floodplain As Is	265000.00	-24.16	27.45	-1.97	27.95	0.000100	5.70	50793.41	2024.82	0.16
Restudy Reach	164139	10-Year	Floodplain As Is	142000.00	-24.21	16.71	-9.36	17.02	0.000093	4.44	32003.67	1135.77	0.15
Restudy Reach	164139	50-Year	Floodplain As Is	190000.00	-24.21	21.16	-6.69	21.57	0.000103	5.13	37500.69	1358.12	0.16
Restudy Reach	164139	100-Year	Floodplain As Is	211000.00	-24.21	22.97	-5.54	23.42	0.000106	5.38	40157.05	1709.15	0.16
Restudy Reach	164139	500-Year	Floodplain As Is	265000.00	-24.21	27.38	-2.88	27.92	0.000109	5.93	47910.38	2141.92	0.17
Restudy Reach	163884	10-Year	Floodplain As Is	142000.00	-34.53	16.72	-12.17	16.98	0.000068	4.10	34623.55	1065.89	0.13
Restudy Reach	163884	50-Year	Floodplain As Is	190000.00	-34.53	21.17	-9.67	21.53	0.000080	4.82	39733.50	1207.08	0.14
Restudy Reach	163884	100-Year	Floodplain As Is	211000.00	-34.53	22.98	-8.66	23.38	0.000084	5.09	41865.94	1216.83	0.15
Restudy Reach	163884	500-Year	Floodplain As Is	265000.00	-34.53	27.38	-6.20	27.88	0.000093	5.72	47101.39	1244.19	0.16
Restudy Reach	163783		Bridge										
Restudy Reach	163682	10-Year	Floodplain As Is	142000.00	-29.58	16.63	-10.32	16.93	0.000082	4.40	32261.55	1039.68	0.14
Restudy Reach	163682	50-Year	Floodplain As Is	190000.00	-29.58	21.06	-7.81	21.47	0.000096	5.14	37213.46	1191.86	0.15
Restudy Reach	163682	100-Year	Floodplain As Is	211000.00	-29.58	22.85	-6.83	23.31	0.000100	5.43	39326.34	1198.61	0.16
Restudy Reach	163682	500-Year	Floodplain As Is	265000.00	-29.58	27.20	-4.52	27.77	0.000109	6.07	44467.12	1214.95	0.17
Restudy Reach	163397	10-Year	Floodplain As Is	142000.00	-24.60	16.59	-9.15	16.91	0.000083	4.51	31474.66	976.40	0.14
Restudy Reach	163397	50-Year	Floodplain As Is	190000.00	-24.60	21.00	-7.02	21.44	0.000099	5.30	35832.10	1112.17	0.16
Restudy Reach	163397	100-Year	Floodplain As Is	211000.00	-24.60	22.79	-6.18	23.28	0.000104	5.61	37796.80	1421.91	0.16
Restudy Reach	163397	500-Year	Floodplain As Is	265000.00	-24.60	27.13	-4.13	27.74	0.000113	6.29	42761.43	1543.43	0.17
Restudy Reach	162527	10-Year	Floodplain As Is	142000.00	-24.49	16.51	-8.25	16.83	0.000092	4.53	31729.27	1334.11	0.15
Restudy Reach	162527	50-Year	Floodplain As Is	190000.00	-24.49	20.92	-6.08	21.35	0.000103	5.26	38513.10	1707.69	0.16
Restudy Reach	162527	100-Year	Floodplain As Is	211000.00	-24.49	22.71	-5.19	23.18	0.000106	5.53	41596.30	1728.65	0.16
Restudy Reach	162527	500-Year	Floodplain As Is	265000.00	-24.49	27.05	-2.95	27.63	0.000113	6.14	49988.23	2329.06	0.17
Restudy Reach	161521	10-Year	Floodplain As Is	142000.00	-20.81	16.46	-5.40	16.73	0.000085	4.17	35227.91	1577.57	0.14
Restudy Reach	161521	50-Year	Floodplain As Is	190000.00	-20.81	20.87	-3.47	21.23	0.000092	4.79	43337.44	2104.52	0.15
Restudy Reach	161521	100-Year	Floodplain As Is	211000.00	-20.81	22.67	-2.68	23.06	0.000094	5.02	47346.17	2295.77	0.15
Restudy Reach	161521	500-Year	Floodplain As Is	265000.00	-20.81	27.04	-0.80	27.49	0.000096	5.49	50971.20	2936.02	0.16
Restudy Reach	161076	10-Year	Floodplain As Is	142000.00	-20.76	16.44	-5.40	16.68	0.000082	3.97	35780.60	2927.71	0.14
Restudy Reach	161076	50-Year	Floodplain As Is	190000.00	-20.76	20.88	-3.51	21.17	0.000083	4.41	43063.72	3507.07	0.14
Restudy Reach	161076	100-Year	Floodplain As Is	211000.00	-20.76	22.68	-2.74	23.00	0.000083	4.59	58424.36	3564.27	0.14
Restudy Reach	161076	500-Year	Floodplain As Is	265000.00	-20.76	27.08	-0.92	27.41	0.000078	4.82	80579.74	3780.58	0.14
Restudy Reach	160540	10-Year	Floodplain As Is	142000.00	-20.92	16.41	-4.65	16.63	0.000079	3.80	37399.59	3102.80	0.13
Restudy Reach	160540	50-Year	Floodplain As Is	190000.00	-20.92	20.86	-2.85	21.12	0.000076	4.13	58713.69	4185.16	0.13
Restudy Reach	160540	100-Year	Floodplain As Is	211000.00	-20.92	22.67	-2.16	22.94	0.000076	4.28	64766.29	4371.44	0.13
Restudy Reach	160540	500-Year	Floodplain As Is	265000.00	-20.92	27.08	-0.48	27.36	0.000070	4.49	86811.73	4660.41	0.13
Restudy Reach	160086	10-Year	Floodplain As Is	142000.00	-23.46	16.36	-5.48	16.60	0.000082	3.92	36194.84	3000.66	0.14
Restudy Reach	160086	50-Year	Floodplain As Is	190000.00	-23.46	20.82	-3.44	21.08	0.000078	4.23	58493.70	3572.75	0.14
Restudy Reach	160086	100-Year	Floodplain As Is	211000.00	-23.46	22.62	-2.62	22.90	0.000078	4.39	64449.28	3643.41	0.14
Restudy Reach	160086	500-Year	Floodplain As Is	265000.00	-23.46	27.03	-0.81	27.33	0.000073	4.64	83946.01	3730.80	0.14
Restudy Reach	158906	10-Year	Floodplain As Is	142000.00	-33.12	16.01	-12.13	16.46	0.000114	5.55	35633.59	2185.18	0.17
Restudy Reach	158906	50-Year	Floodplain As Is	190000.00	-33.12	20.38	-8.94	20.94	0.000126	6.32	45247.63	2221.46	0.18
Restudy Reach	158906	100-Year	Floodplain As Is	211000.00	-33.12	22.15	-7.68	22.76	0.000130	6.60	49206.63	2233.13	0.18
Restudy Reach	158906	500-Year	Floodplain As Is	265000.00	-33.12	26.48	-4.81	27.18	0.000136	7.23	58974.81	2287.05	0.19
Restudy Reach	158030	10-Year	Floodplain As Is	142000.00	-28.21	15.98	-11.39	16.35	0.000091	4.93	35576.23	1933.82	0.15
Restudy Reach	158030	50-Year	Floodplain As Is	190000.00	-28.21	20.33	-8.90	20.81	0.000104	5.73	44286.55	2042.95	0.16
Restudy Reach	158030	100-Year	Floodplain As Is	211000.00	-28.21	22.10	-7.88	22.63	0.000108	6.02	47915.39	2053.97	0.17
Restudy Reach	158030	500-Year	Floodplain As Is	265000.00	-28.21	26.41	-5.38	27.05	0.000117	6.69	56845.09	2106.23	0.18
Restudy Reach	156497	10-Year	Floodplain As Is	142000.00	-17.19	15.93		16.18	0.000083	4.01	35871.83	1457.44	0.14
Restudy Reach	156497	50-Year	Floodplain As Is	190000.00	-17.19	20.29		20.62	0.000089	4.61	42392.52	1538.11	0.15
Restudy Reach	156497	100-Year	Floodplain As Is	211000.00	-17.19	22.07		22.43	0.000091	4.84	45364.9		

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	155604	500-Year	Floodplain As Is	265000.00	-17.10	26.43	0.35	26.71	0.000069	4.35	77370.76	4178.57	0.13
Restudy Reach	154497	10-Year	Floodplain As Is	142000.00	-23.01	15.91	-2.57	16.02	0.000032	2.34	53887.57	3742.15	0.08
Restudy Reach	154497	50-Year	Floodplain As Is	190000.00	-23.01	20.31	-1.06	20.45	0.000029	2.49	66927.29	3814.57	0.08
Restudy Reach	154497	100-Year	Floodplain As Is	211000.00	-23.01	22.10	-0.44	22.25	0.000028	2.55	72274.21	3822.21	0.08
Restudy Reach	154497	500-Year	Floodplain As Is	265000.00	-23.01	26.46	1.07	26.63	0.000026	2.69	85304.44	3920.15	0.08
Restudy Reach	153500	10-Year	Floodplain As Is	142000.00	-20.46	15.83	-2.03	15.98	0.000066	3.31	56366.99	3739.47	0.12
Restudy Reach	153500	50-Year	Floodplain As Is	190000.00	-20.46	20.23	-0.43	20.40	0.000062	3.61	70300.51	3759.34	0.12
Restudy Reach	153500	100-Year	Floodplain As Is	211000.00	-20.46	22.03	0.24	22.21	0.000061	3.72	75988.91	3766.16	0.12
Restudy Reach	153500	500-Year	Floodplain As Is	265000.00	-20.46	26.39	1.73	26.59	0.000059	3.99	89921.99	3816.48	0.12
Restudy Reach	152824	10-Year	Floodplain As Is	142000.00	-20.85	15.72	-2.69	15.92	0.000084	3.81	54776.48	3451.46	0.14
Restudy Reach	152824	50-Year	Floodplain As Is	190000.00	-20.85	20.11	-0.92	20.35	0.000081	4.16	69986.05	3468.75	0.14
Restudy Reach	152824	100-Year	Floodplain As Is	211000.00	-20.85	21.91	-0.18	22.15	0.000079	4.29	76207.79	3475.83	0.14
Restudy Reach	152824	500-Year	Floodplain As Is	265000.00	-20.85	26.26	1.60	26.54	0.000076	4.59	91437.05	3529.15	0.14
Restudy Reach	151707	10-Year	Floodplain As Is	142000.00	-24.90	15.44	-5.59	15.79	0.000117	4.91	35002.29	1928.80	0.16
Restudy Reach	151707	50-Year	Floodplain As Is	190000.00	-24.90	19.76	-3.32	20.21	0.000124	5.57	43429.61	1964.31	0.17
Restudy Reach	151707	100-Year	Floodplain As Is	211000.00	-24.90	21.53	-2.47	22.01	0.000126	5.82	46904.47	1974.88	0.17
Restudy Reach	151707	500-Year	Floodplain As Is	265000.00	-24.90	25.82	-0.34	26.39	0.000130	6.37	55487.66	2017.28	0.18
Restudy Reach	150931	10-Year	Floodplain As Is	142000.00	-30.94	15.40		15.70	0.000080	4.42	34064.23	1264.34	0.14
Restudy Reach	150931	50-Year	Floodplain As Is	190000.00	-30.94	19.70		20.11	0.000093	5.18	39567.57	1293.03	0.15
Restudy Reach	150931	100-Year	Floodplain As Is	211000.00	-30.94	21.46		21.91	0.000097	5.47	41846.28	1304.90	0.16
Restudy Reach	150931	500-Year	Floodplain As Is	265000.00	-30.94	25.72		26.30	0.000106	6.15	47470.32	1328.97	0.17
Restudy Reach	150069	10-Year	Floodplain As Is	142000.00	-52.05	15.15		15.61	0.000103	5.43	26453.02	766.35	0.16
Restudy Reach	150069	50-Year	Floodplain As Is	190000.00	-52.05	19.34		20.00	0.000128	6.52	29698.50	783.06	0.18
Restudy Reach	150069	100-Year	Floodplain As Is	211000.00	-52.05	21.04		21.79	0.000138	6.95	31037.17	789.63	0.19
Restudy Reach	150069	500-Year	Floodplain As Is	265000.00	-52.05	25.17		26.15	0.000159	7.94	34332.16	805.49	0.20
Restudy Reach	149987	10-Year	Floodplain As Is	142000.00	-34.95	15.09		15.48	0.000094	4.96	28824.67	877.09	0.15
Restudy Reach	149987	50-Year	Floodplain As Is	190000.00	-34.95	19.29		19.83	0.000115	5.91	32527.74	888.95	0.17
Restudy Reach	149987	100-Year	Floodplain As Is	211000.00	-34.95	20.99		21.61	0.000122	6.28	34048.77	893.78	0.18
Restudy Reach	149987	500-Year	Floodplain As Is	265000.00	-34.95	25.14		25.93	0.000139	7.14	37778.82	905.51	0.19
Restudy Reach	147985	10-Year	Floodplain As Is	142000.00	-26.83	14.97		15.38	0.000099	5.12	28106.75	871.50	0.15
Restudy Reach	147985	50-Year	Floodplain As Is	190000.00	-26.83	19.13		19.71	0.000121	6.10	31767.13	887.71	0.17
Restudy Reach	147985	100-Year	Floodplain As Is	211000.00	-26.83	20.83		21.48	0.000129	6.48	33279.42	900.47	0.18
Restudy Reach	147985	500-Year	Floodplain As Is	265000.00	-26.83	24.94		25.78	0.000146	7.37	37023.88	918.37	0.20
Restudy Reach	146997	10-Year	Floodplain As Is	142000.00	-31.82	14.88		15.27	0.000105	5.04	28341.50	924.24	0.16
Restudy Reach	146997	50-Year	Floodplain As Is	190000.00	-31.82	19.03		19.58	0.000124	5.96	32228.45	948.55	0.18
Restudy Reach	146997	100-Year	Floodplain As Is	211000.00	-31.82	20.72		21.34	0.000132	6.32	33835.77	952.75	0.18
Restudy Reach	146997	500-Year	Floodplain As Is	265000.00	-31.82	24.83		25.62	0.000147	7.14	37776.56	963.27	0.20
Restudy Reach	145982	10-Year	Floodplain As Is	142000.00	-33.42	14.69		15.15	0.000117	5.48	26859.21	892.50	0.17
Restudy Reach	145982	50-Year	Floodplain As Is	190000.00	-33.42	18.78		19.43	0.000142	6.52	30537.03	906.17	0.19
Restudy Reach	145982	100-Year	Floodplain As Is	211000.00	-33.42	20.44		21.18	0.000151	6.92	32050.68	911.74	0.19
Restudy Reach	145982	500-Year	Floodplain As Is	265000.00	-33.42	24.50		25.45	0.000171	7.87	35771.94	925.29	0.21
Restudy Reach	144995	10-Year	Floodplain As Is	142000.00	-22.37	14.66		15.01	0.000098	4.77	30174.20	1093.33	0.15
Restudy Reach	144995	50-Year	Floodplain As Is	190000.00	-22.37	18.77		19.26	0.000115	5.62	34727.82	1128.60	0.17
Restudy Reach	144995	100-Year	Floodplain As Is	211000.00	-22.37	20.45		20.99	0.000121	5.94	36624.07	1134.96	0.17
Restudy Reach	144995	500-Year	Floodplain As Is	265000.00	-22.37	24.53		25.22	0.000133	6.69	41332.11	1183.16	0.19
Restudy Reach	144015	10-Year	Floodplain As Is	142000.00	-17.35	14.61		14.91	0.000093	4.40	32434.09	1171.53	0.15
Restudy Reach	144015	50-Year	Floodplain As Is	190000.00	-17.35	18.72		19.13	0.000105	5.13	37277.79	1183.86	0.16
Restudy Reach	144015	100-Year	Floodplain As Is	211000.00	-17.35	20.40		20.85	0.000110	5.42	39269.48	1188.78	0.16
Restudy Reach	144015	500-Year	Floodplain As Is	265000.00	-17.35	24.49		25.06	0.000118	6.07	44934.20	1530.65	0.17
Restudy Reach	143389	10-Year	Floodplain As Is	142000.00	-16.68	14.57		14.84	0.000090	4.17	34624.67	1357.60	0.14
Restudy Reach	143389	50-Year	Floodplain As Is	190000.00	-16.68	18.69		19.05	0.000100	4.82	40244.66	1371.25	0.15
Restudy Reach	143389	100-Year	Floodplain As Is	211000.00	-16.68	20.37		20.77	0.000103	5.07	42556.26	1376.73	0.16
Restudy Reach	143389	500-Year	Floodplain As Is	265000.00	-16.68	24.48		24.97	0.000108	5.64	48689.94	1814.30	0.17
Restudy Reach	142819	10-Year	Floodplain As Is	142000.00	-16.71	14.50		14.78	0.000099	4.24	33725.15	1355.68	0.15
Restudy Reach	142819	50-Year	Floodplain As Is	190000.00	-16.71	18.62		18.99	0.000108	4.89	39362.38	1386.26	0.16
Restudy Reach	142819	100-Year	Floodplain As Is	211000.00	-16.71	20.30		20.71	0.000110	5.14	41702.62	1398.94	0.16
Restudy Reach	142819	500-Year	Floodplain As Is	265000.00	-16.71	24.40		24.90	0.000115	5.71	48161.77	1893.33	0.17
Restudy Reach	142060	10-Year	Floodplain As Is	142000.00	-16.27	14.49		14.70	0.000080	3.64	39587.92	1740.18	0.13
Restudy Reach	142060	50-Year	Floodplain As Is	190000.00	-16.27	18.62		18.89	0.000083	4.14	46844.96	1774.27	0.14
Restudy Reach	142060	100-Year	Floodplain As Is	211000.00	-16.27	20.31		20.60	0.000084	4.33	49852.71	1788.21	0.14
Restudy Reach	142060	500-Year	Floodplain As Is	265000.00	-16.27	24.43		24.78	0.000086	4.77	57320.90	1856.67	0.15
Restudy Reach	141462	10-Year	Floodplain As Is	142000.00	-25.31	14.40		14.64	0.000094	3.92	36494.75	1594.37	0.14
Restudy Reach	141462	50-Year	Floodplain As Is	190000.00	-25.31	18.52		18.83	0.000098	4.46	43096.32	1612.72	0.15
Restudy Reach	141462	100-Year	Floodplain As Is	211000.00	-25.31	20.20		20.54	0.000099	4.67	45818.02	1620.61	0.15
Restudy Reach	141462	500-Year	Floodplain As Is	265000.00	-25.31	24.31		24.72	0.000101	5.14	52520.04	1639.89	0.16
Restudy Reach	140715	10-Year	Floodplain As Is	142000.00	-21.15	14.31		14.57	0.000100	4.05	35179.31	1528.01	0.15
Restudy Reach	140715	50-Year	Floodplain As Is	190000.00	-21.15	18.42		18.75	0.000105	4.60	41481.05	1539.47	0.15
Restudy Reach	140715	100-Year	Floodplain As Is	211000.00	-21.15	20.10		20.46	0.000106	4.82	44071.95	1544.16	0.16
Restudy Reach	140715	500-Year	Floodplain As Is	265000.00	-21.15	24.21		24.64	0.000108	5.30	50433.40	1557.03	0.16
Restudy Reach	139984	10-Year	Floodplain As Is	142000.00	-22.43	14.20		14.49	0.000111	4.30	34282.99	1577.80	0.16
Restudy Reach	139984	50-Year	Floodplain As Is	190000.00	-22.43	18.30		18.66	0.000116	4.89	40771.49	1589.95	0.16
Restudy Reach	139984	100-Year	Floodplain As Is	211000.00	-22.43	19.97		20.38	0.000118	5.12	43440.43	1594.92	0.17
Restudy Reach	139984	500-Year	Floodplain As Is	265000.00	-22.43	24.07		24.55	0.000120	5.63	50173.16	1810.20	0.17
Restudy Reach	139445	10-Year	Floodplain As Is	142000.00	-22.78	14.11		14.42	0.000115	4.54	33250.58	1579.27	0.16
Restudy Reach	139445	50-Year	Floodplain As Is	190000.00	-22.78	18.20		18.60	0.000122	5.16	39766.08	1610.90	0.17
Restudy Reach	139445	100-Year	Floodplain As Is	211000.00	-22.78	19.87		20.31	0.000123	5.40	42476.80	1627.73	0.17
Restudy Reach	139445	500-Year	Floodplain As Is	265000.00	-22.78	23.97		24.48	0.000126	5.92	50083.77	1989.44	0.18
Restudy Reach	138387	10-Year	Floodplain As Is	142000.00	-21.90	14.01		14.30	0.000100	4.52	36911.11	2076.16	0.15
Restudy Reach	138387	50-Year	Floodplain As Is	190000.00	-21.90	18.12		18.46	0.000103	5.05	45682.10	2210.43	0.16
Restudy Reach	138387	100-Year	Floodplain As Is	211000.00	-21.90	19.80		20.17	0.000104	5.24	49449.10	2250.38	0.16
Restudy Reach	138387	500-Year	Floodplain As Is	265000.00	-21.90	23.92		24.34	0.000104	5.66	58876.14	2319.67	0.16
Restudy Reach	137661	10-Year	Floodplain As Is	142000.00	-20.00	13.97		14.22	0.000090	4.15	38050.96	1990.61	0.14
Restudy Reach	137661	50-Year	Floodplain As Is	190000.00	-20.00	18.07							

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	136645	100-Year	Floodplain As Is	211000.00	-20.19	19.60		19.98	0.000107	5.01	46142.40	1813.55	0.16
Restudy Reach	136645	500-Year	Floodplain As Is	265000.00	-20.19	23.69		24.15	0.000110	5.52	53584.05	1828.41	0.16
Restudy Reach	135559	10-Year	Floodplain As Is	142000.00	-19.33	13.67		14.01	0.000116	4.67	32729.02	1653.38	0.16
Restudy Reach	135559	50-Year	Floodplain As Is	190000.00	-19.33	17.71		18.15	0.000126	5.36	39691.87	1792.64	0.17
Restudy Reach	135559	100-Year	Floodplain As Is	211000.00	-19.33	19.37		19.85	0.000129	5.62	42686.10	1811.72	0.18
Restudy Reach	135559	500-Year	Floodplain As Is	265000.00	-19.33	23.43		24.01	0.000133	6.18	50092.62	1831.94	0.18
Restudy Reach	134640	10-Year	Floodplain As Is	142000.00	-21.30	13.54		13.89	0.000119	4.81	30221.19	1312.46	0.16
Restudy Reach	134640	50-Year	Floodplain As Is	190000.00	-21.30	17.54		18.03	0.000133	5.57	35947.88	1472.10	0.18
Restudy Reach	134640	100-Year	Floodplain As Is	211000.00	-21.30	19.19		19.72	0.000137	5.87	38332.53	1544.49	0.18
Restudy Reach	134640	500-Year	Floodplain As Is	265000.00	-21.30	23.22		23.87	0.000144	6.51	44653.42	1589.00	0.19
Restudy Reach	133856	10-Year	Floodplain As Is	142000.00	-24.78	13.44		13.80	0.000121	4.83	29572.91	1153.19	0.17
Restudy Reach	133856	50-Year	Floodplain As Is	190000.00	-24.78	17.43		17.92	0.000136	5.61	34225.65	1178.07	0.18
Restudy Reach	133856	100-Year	Floodplain As Is	211000.00	-24.78	19.07		19.61	0.000141	5.91	36162.92	1188.28	0.18
Restudy Reach	133856	500-Year	Floodplain As Is	265000.00	-24.78	23.08		23.76	0.000150	6.60	40984.43	1216.56	0.19
Restudy Reach	133496	10-Year	Floodplain As Is	142000.00	-26.87	13.37		13.75	0.000124	4.96	29162.66	1145.60	0.17
Restudy Reach	133496	50-Year	Floodplain As Is	190000.00	-26.87	17.35		17.87	0.000140	5.78	33771.80	1172.51	0.18
Restudy Reach	133496	100-Year	Floodplain As Is	211000.00	-26.87	18.98		19.56	0.000145	6.10	35689.94	1179.12	0.19
Restudy Reach	133496	500-Year	Floodplain As Is	265000.00	-26.87	22.98		23.70	0.000156	6.81	40438.20	1195.59	0.20
Restudy Reach	133001	10-Year	Floodplain As Is	142000.00	-29.79	13.29		13.69	0.000125	5.08	28013.13	1013.06	0.17
Restudy Reach	133001	50-Year	Floodplain As Is	190000.00	-29.79	17.24		17.79	0.000144	5.96	32044.51	1027.74	0.19
Restudy Reach	133001	100-Year	Floodplain As Is	211000.00	-29.79	18.86		19.48	0.000151	6.30	33715.27	1034.08	0.19
Restudy Reach	133001	500-Year	Floodplain As Is	265000.00	-29.79	22.83		23.61	0.000164	7.07	37857.14	1051.32	0.20
Restudy Reach	132558	10-Year	Floodplain As Is	142000.00	-30.84	13.27		13.63	0.000102	4.84	29686.75	1033.37	0.15
Restudy Reach	132558	50-Year	Floodplain As Is	190000.00	-30.84	17.21		17.72	0.000122	5.73	33833.95	1063.76	0.17
Restudy Reach	132558	100-Year	Floodplain As Is	211000.00	-30.84	18.83		19.40	0.000129	6.08	35563.48	1073.35	0.18
Restudy Reach	132558	500-Year	Floodplain As Is	265000.00	-30.84	22.80		23.53	0.000143	6.87	39867.98	1094.27	0.19
Restudy Reach	132513	10-Year	Floodplain As Is	142000.00	-17.28	13.24	-12.32	13.62	0.000215	4.98	28664.21	971.56	0.16
Restudy Reach	132513	50-Year	Floodplain As Is	190000.00	-17.28	17.17	-9.00	17.71	0.000281	5.90	32519.14	988.23	0.18
Restudy Reach	132513	100-Year	Floodplain As Is	211000.00	-17.28	18.77	-7.57	19.39	0.000393	6.31	33822.82	621.58	0.19
Restudy Reach	132513	500-Year	Floodplain As Is	265000.00	-17.28	22.66	-4.78	23.51	0.000535	7.41	36212.13	537.89	0.21
Restudy Reach	132488	10-Year	Floodplain As Is	142000.00	-17.49	13.23	-12.88	13.61	0.000206	4.95	28885.13	974.90	0.16
Restudy Reach	132488	50-Year	Floodplain As Is	190000.00	-17.49	17.17	-9.53	17.70	0.000270	5.86	32758.36	993.91	0.18
Restudy Reach	132488	100-Year	Floodplain As Is	211000.00	-17.49	18.77	-7.64	19.38	0.000381	6.27	34069.89	625.62	0.19
Restudy Reach	132488	500-Year	Floodplain As Is	265000.00	-17.49	22.65	-4.91	23.49	0.000519	7.36	36473.72	541.67	0.20
Restudy Reach	132428	10-Year	Floodplain As Is	142000.00	-30.29	13.25		13.60	0.000097	4.72	30543.82	1078.12	0.15
Restudy Reach	132428	50-Year	Floodplain As Is	190000.00	-30.29	17.19		17.68	0.000115	5.58	34848.36	1109.62	0.17
Restudy Reach	132428	100-Year	Floodplain As Is	211000.00	-30.29	18.80		19.35	0.000122	5.91	36641.83	1119.15	0.17
Restudy Reach	132428	500-Year	Floodplain As Is	265000.00	-30.29	22.74		23.43	0.000135	6.68	41087.08	1137.17	0.19
Restudy Reach	132021	10-Year	Floodplain As Is	142000.00	-24.65	13.22		13.55	0.000111	4.60	31288.06	1301.52	0.16
Restudy Reach	132021	50-Year	Floodplain As Is	190000.00	-24.65	17.17		17.62	0.000124	5.34	36469.45	1321.90	0.17
Restudy Reach	132021	100-Year	Floodplain As Is	211000.00	-24.65	18.79		19.28	0.000129	5.62	38610.15	1329.22	0.18
Restudy Reach	132021	500-Year	Floodplain As Is	265000.00	-24.65	22.74		23.35	0.000137	6.27	43903.03	1347.61	0.18
Restudy Reach	131478	10-Year	Floodplain As Is	142000.00	-25.16	13.18		13.48	0.000110	4.42	32281.89	1356.22	0.16
Restudy Reach	131478	50-Year	Floodplain As Is	190000.00	-25.16	17.13		17.54	0.000121	5.10	37751.68	1405.27	0.17
Restudy Reach	131478	100-Year	Floodplain As Is	211000.00	-25.16	18.75		19.20	0.000124	5.36	40030.21	1412.81	0.17
Restudy Reach	131478	500-Year	Floodplain As Is	265000.00	-25.16	22.71		23.26	0.000130	5.94	45662.21	1429.24	0.18
Restudy Reach	131003	10-Year	Floodplain As Is	142000.00	-26.66	13.11		13.42	0.000118	4.53	31517.02	1348.07	0.16
Restudy Reach	131003	50-Year	Floodplain As Is	190000.00	-26.66	17.06		17.48	0.000128	5.21	36984.30	1451.55	0.17
Restudy Reach	131003	100-Year	Floodplain As Is	211000.00	-26.66	18.67		19.13	0.000131	5.47	39404.39	1525.38	0.18
Restudy Reach	131003	500-Year	Floodplain As Is	265000.00	-26.66	22.63		23.20	0.000137	6.05	45521.66	1556.22	0.18
Restudy Reach	130479	10-Year	Floodplain As Is	142000.00	-21.99	13.04		13.36	0.000115	4.55	32947.16	1649.94	0.16
Restudy Reach	130479	50-Year	Floodplain As Is	190000.00	-21.99	16.99		17.41	0.000125	5.22	39705.63	1734.40	0.17
Restudy Reach	130479	100-Year	Floodplain As Is	211000.00	-21.99	18.60		19.06	0.000128	5.48	42528.79	1758.67	0.17
Restudy Reach	130479	500-Year	Floodplain As Is	265000.00	-21.99	22.56		23.12	0.000133	6.05	49542.73	1783.39	0.18
Restudy Reach	130116	10-Year	Floodplain As Is	142000.00	-22.54	13.01		13.32	0.000103	4.46	32437.93	1372.83	0.15
Restudy Reach	130116	50-Year	Floodplain As Is	190000.00	-22.54	16.95		17.37	0.000116	5.19	38357.64	1702.35	0.17
Restudy Reach	130116	100-Year	Floodplain As Is	211000.00	-22.54	18.56		19.02	0.000120	5.46	41140.04	1737.48	0.17
Restudy Reach	130116	500-Year	Floodplain As Is	265000.00	-22.54	22.51		23.07	0.000127	6.07	48067.28	1778.36	0.18
Restudy Reach	129461	10-Year	Floodplain As Is	142000.00	-18.11	12.95	-6.12	13.25	0.000108	4.42	33789.32	1647.85	0.16
Restudy Reach	129461	50-Year	Floodplain As Is	190000.00	-18.11	16.89	-4.32	17.28	0.000118	5.09	40437.99	1760.11	0.17
Restudy Reach	129461	100-Year	Floodplain As Is	211000.00	-18.11	18.50	-3.59	18.93	0.000121	5.34	43369.26	1838.34	0.17
Restudy Reach	129461	500-Year	Floodplain As Is	265000.00	-18.11	22.45	-1.79	22.98	0.000126	5.90	50699.15	1870.55	0.18
Restudy Reach	128768	10-Year	Floodplain As Is	142000.00	-16.98	12.84	-5.32	13.17	0.000117	4.58	32203.76	1535.21	0.16
Restudy Reach	128768	50-Year	Floodplain As Is	190000.00	-16.98	16.76	-3.62	17.19	0.000128	5.28	38520.62	1804.13	0.17
Restudy Reach	128768	100-Year	Floodplain As Is	211000.00	-16.98	18.37	-2.91	18.84	0.000132	5.56	41611.79	2004.29	0.18
Restudy Reach	128768	500-Year	Floodplain As Is	265000.00	-16.98	22.31	-1.24	22.89	0.000136	6.12	49846.34	2124.75	0.19
Restudy Reach	127919	10-Year	Floodplain As Is	142000.00	-16.90	12.80	-5.45	13.06	0.000102	4.18	37822.29	1972.23	0.15
Restudy Reach	127919	50-Year	Floodplain As Is	190000.00	-16.90	16.73	-3.82	17.07	0.000107	4.74	45873.13	2107.88	0.16
Restudy Reach	127919	100-Year	Floodplain As Is	211000.00	-16.90	18.35	-3.14	18.71	0.000108	4.95	49299.20	2138.20	0.16
Restudy Reach	127919	500-Year	Floodplain As Is	265000.00	-16.90	22.31	-1.51	22.74	0.000110	5.41	57960.57	2242.65	0.16
Restudy Reach	126972	10-Year	Floodplain As Is	142000.00	-14.86	12.75	-4.75	12.95	0.000087	3.70	47309.73	2916.33	0.14
Restudy Reach	126972	50-Year	Floodplain As Is	190000.00	-14.86	16.71	-3.22	16.95	0.000087	4.10	59020.71	3034.71	0.14
Restudy Reach	126972	100-Year	Floodplain As Is	211000.00	-14.86	18.33	-2.58	18.58	0.000086	4.25	63973.83	3070.21	0.14
Restudy Reach	126972	500-Year	Floodplain As Is	265000.00	-14.86	22.32	-1.06	22.61	0.000084	4.57	76385.54	3146.02	0.14
Restudy Reach	126252	10-Year	Floodplain As Is	142000.00	-12.57	12.64		12.88	0.000101	3.96	37936.79	1967.82	0.15
Restudy Reach	126252	50-Year	Floodplain As Is	190000.00	-12.57	16.56		16.87	0.000104	4.48	45710.53	1992.02	0.15
Restudy Reach	126252	100-Year	Floodplain As Is	211000.00	-12.57	18.17		18.51	0.000105	4.68	48923.23	2003.10	0.16
Restudy Reach	126252	500-Year	Floodplain As Is	265000.00	-12.57	22.13		22.53	0.000106	5.13	56943.72	2043.78	0.16
Restudy Reach	125536	10-Year	Floodplain As Is	142000.00	-23.48	12.49		12.80	0.000112	4.43	33222.09	1586.84	0.16
Restudy Reach	125536	50-Year	Floodplain As Is	190000.00	-23.48	16.38		16.78	0.000122	5.10	39518.42	1632.07	0.17
Restudy Reach	125536	100-Year	Floodplain As Is	211000.00	-23.48	17.97		18.41	0.000125	5.35	42134.52	1649.19	0.17
Restudy Reach	125536	500-Year	Floodplain As Is	265000.00	-23.48	21.90		22.43	0.000130	5.92	48640.35	1670.59	0.18
Restudy Reach	124652</												

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	123937	50-Year	Floodplain As Is	190000.00	-16.37	16.30		16.57	0.000095	4.19	45421.05	1797.48	0.15
Restudy Reach	123937	100-Year	Floodplain As Is	211000.00	-16.37	17.90		18.20	0.000096	4.38	48302.57	1803.82	0.15
Restudy Reach	123937	500-Year	Floodplain As Is	265000.00	-16.37	21.84		22.20	0.000096	4.80	55442.61	1818.80	0.15
Restudy Reach	123575	10-Year	Floodplain As Is	142000.00	-22.68	12.33		12.57	0.000105	3.91	36330.54	1690.63	0.15
Restudy Reach	123575	50-Year	Floodplain As Is	190000.00	-22.68	16.23		16.53	0.000108	4.43	42955.39	1711.91	0.15
Restudy Reach	123575	100-Year	Floodplain As Is	211000.00	-22.68	17.82		18.16	0.000109	4.63	45697.44	1724.93	0.16
Restudy Reach	123575	500-Year	Floodplain As Is	265000.00	-22.68	21.76		22.16	0.000109	5.07	52547.16	1749.50	0.16
Restudy Reach	123168	10-Year	Floodplain As Is	142000.00	-21.86	12.29		12.52	0.000107	3.88	36759.66	1809.39	0.15
Restudy Reach	123168	50-Year	Floodplain As Is	190000.00	-21.86	16.19		16.48	0.000108	4.37	43858.50	1833.90	0.15
Restudy Reach	123168	100-Year	Floodplain As Is	211000.00	-21.86	17.79		18.11	0.000109	4.56	46797.22	1843.88	0.16
Restudy Reach	123168	500-Year	Floodplain As Is	265000.00	-21.86	21.72		22.11	0.000108	4.98	54107.12	1869.58	0.16
Restudy Reach	122409	10-Year	Floodplain As Is	142000.00	-21.18	12.22		12.44	0.000101	3.84	37102.24	1754.72	0.15
Restudy Reach	122409	50-Year	Floodplain As Is	190000.00	-21.18	16.11		16.40	0.000103	4.35	43957.34	1766.28	0.15
Restudy Reach	122409	100-Year	Floodplain As Is	211000.00	-21.18	17.71		18.03	0.000104	4.55	46782.14	1771.03	0.15
Restudy Reach	122409	500-Year	Floodplain As Is	265000.00	-21.18	21.64		22.03	0.000104	4.98	53775.36	1783.07	0.16
Restudy Reach	121484	10-Year	Floodplain As Is	142000.00	-31.13	11.97		12.33	0.000133	4.76	29894.14	1249.99	0.17
Restudy Reach	121484	50-Year	Floodplain As Is	190000.00	-31.13	15.80		16.27	0.000147	5.50	34711.18	1266.25	0.18
Restudy Reach	121484	100-Year	Floodplain As Is	211000.00	-31.13	17.37		17.89	0.000151	5.79	36705.14	1273.90	0.19
Restudy Reach	121484	500-Year	Floodplain As Is	265000.00	-31.13	21.24		21.88	0.000158	6.43	41673.05	1291.96	0.20
Restudy Reach	120488	10-Year	Floodplain As Is	142000.00	-27.77	11.85	-7.04	12.19	0.000138	4.65	30659.25	1495.58	0.17
Restudy Reach	120488	50-Year	Floodplain As Is	190000.00	-27.77	15.68	-3.73	16.12	0.000146	5.31	36765.60	1568.36	0.18
Restudy Reach	120488	100-Year	Floodplain As Is	211000.00	-27.77	17.25	-2.76	17.73	0.000149	5.56	39235.75	1573.34	0.18
Restudy Reach	120488	500-Year	Floodplain As Is	265000.00	-27.77	21.13	-0.64	21.71	0.000151	6.12	45365.29	1585.27	0.19
Restudy Reach	119602	10-Year	Floodplain As Is	142000.00	-22.84	11.76	-7.76	12.06	0.000118	4.45	32802.21	1643.28	0.16
Restudy Reach	119602	50-Year	Floodplain As Is	190000.00	-22.84	15.59	-5.73	15.98	0.000126	5.08	39122.98	1656.12	0.17
Restudy Reach	119602	100-Year	Floodplain As Is	211000.00	-22.84	17.16	-4.93	17.59	0.000128	5.32	41735.14	1661.39	0.17
Restudy Reach	119602	500-Year	Floodplain As Is	265000.00	-22.84	21.05	-2.77	21.57	0.000130	5.83	48223.07	1674.38	0.18
Restudy Reach	118755	10-Year	Floodplain As Is	142000.00	-17.51	11.68	-7.67	11.96	0.000108	4.34	34574.38	2039.67	0.15
Restudy Reach	118755	50-Year	Floodplain As Is	190000.00	-17.51	15.51	-5.90	15.87	0.000113	4.89	42797.67	2193.56	0.16
Restudy Reach	118755	100-Year	Floodplain As Is	211000.00	-17.51	17.10	-5.18	17.48	0.000114	5.08	46300.11	2239.25	0.16
Restudy Reach	118755	500-Year	Floodplain As Is	265000.00	-17.51	21.01	-3.40	21.44	0.000112	5.49	55244.39	2304.94	0.17
Restudy Reach	118028	10-Year	Floodplain As Is	142000.00	-18.83	11.60	-6.97	11.88	0.000107	4.32	36112.88	2670.75	0.15
Restudy Reach	118028	50-Year	Floodplain As Is	190000.00	-18.83	15.45	-5.21	15.79	0.000109	4.81	45979.76	2812.40	0.16
Restudy Reach	118028	100-Year	Floodplain As Is	211000.00	-18.83	17.04	-4.49	17.39	0.000108	4.97	50094.33	2865.41	0.16
Restudy Reach	118028	500-Year	Floodplain As Is	265000.00	-18.83	20.97	-2.81	21.35	0.000102	5.23	64085.09	2961.37	0.16
Restudy Reach	117540	10-Year	Floodplain As Is	142000.00	-17.36	11.38	-4.04	11.80	0.000191	5.35	32285.43	2796.18	0.20
Restudy Reach	117540	50-Year	Floodplain As Is	190000.00	-17.36	15.24	-1.89	15.71	0.000180	5.77	42465.64	2986.71	0.20
Restudy Reach	117540	100-Year	Floodplain As Is	211000.00	-17.36	16.83	-1.05	17.31	0.000174	5.92	46735.88	2999.20	0.20
Restudy Reach	117540	500-Year	Floodplain As Is	265000.00	-17.36	20.77	0.96	21.28	0.000161	6.21	57355.39	3027.53	0.20
Restudy Reach	116396	10-Year	Floodplain As Is	142000.00	-28.02	11.32	-9.59	11.61	0.000101	4.40	39566.67	2427.06	0.15
Restudy Reach	116396	50-Year	Floodplain As Is	190000.00	-28.02	15.16	-7.53	15.53	0.000109	5.01	49766.81	2874.08	0.16
Restudy Reach	116396	100-Year	Floodplain As Is	211000.00	-28.02	16.74	-6.73	17.14	0.000111	5.23	54429.18	2962.93	0.16
Restudy Reach	116396	500-Year	Floodplain As Is	265000.00	-28.02	20.67	-4.80	21.11	0.000111	5.65	66092.05	2983.07	0.17
Restudy Reach	115426	10-Year	Floodplain As Is	142000.00	-30.58	11.11	-9.42	11.49	0.000135	5.07	36372.73	2429.88	0.17
Restudy Reach	115426	50-Year	Floodplain As Is	190000.00	-30.58	14.93	-7.11	15.39	0.000145	5.73	45957.50	2538.55	0.18
Restudy Reach	115426	100-Year	Floodplain As Is	211000.00	-30.58	16.50	-6.18	17.00	0.000148	5.97	49968.69	2552.76	0.19
Restudy Reach	115426	500-Year	Floodplain As Is	265000.00	-30.58	20.40	-3.94	20.98	0.000149	6.48	59999.83	2594.44	0.19
Restudy Reach	114464	10-Year	Floodplain As Is	142000.00	-22.27	11.03	-9.79	11.36	0.000112	4.64	36904.22	2154.86	0.16
Restudy Reach	114464	50-Year	Floodplain As Is	190000.00	-22.27	14.84	-7.63	15.25	0.000124	5.31	45323.60	2280.30	0.17
Restudy Reach	114464	100-Year	Floodplain As Is	211000.00	-22.27	16.41	-6.78	16.86	0.000128	5.55	48971.77	2339.23	0.17
Restudy Reach	114464	500-Year	Floodplain As Is	265000.00	-22.27	20.30	-4.76	20.83	0.000131	6.07	58144.04	2373.95	0.18
Restudy Reach	114023	10-Year	Floodplain As Is	142000.00	-20.24	11.00	-8.62	11.30	0.000113	4.49	38770.35	2825.92	0.16
Restudy Reach	114023	50-Year	Floodplain As Is	190000.00	-20.24	14.81	-6.68	15.18	0.000124	5.07	48438.33	3018.64	0.17
Restudy Reach	114023	100-Year	Floodplain As Is	211000.00	-20.24	16.38	-5.90	16.79	0.000125	5.28	52595.11	3041.36	0.17
Restudy Reach	114023	500-Year	Floodplain As Is	265000.00	-20.24	20.29	-4.01	20.75	0.000125	5.72	62914.18	3074.63	0.17
Restudy Reach	113286	10-Year	Floodplain As Is	142000.00	-16.27	10.93		11.21	0.000111	4.30	40079.51	2533.52	0.16
Restudy Reach	113286	50-Year	Floodplain As Is	190000.00	-16.27	14.74		15.08	0.000116	4.84	49759.11	2549.59	0.16
Restudy Reach	113286	100-Year	Floodplain As Is	211000.00	-16.27	16.32		16.69	0.000116	5.04	53784.29	2555.88	0.16
Restudy Reach	113286	500-Year	Floodplain As Is	265000.00	-16.27	20.23		20.65	0.000116	5.47	63802.64	2572.51	0.17
Restudy Reach	112483	10-Year	Floodplain As Is	142000.00	-14.42	10.89		11.11	0.000099	3.82	41574.37	2462.85	0.14
Restudy Reach	112483	50-Year	Floodplain As Is	190000.00	-14.42	14.70		14.98	0.000101	4.29	51104.08	2524.97	0.15
Restudy Reach	112483	100-Year	Floodplain As Is	211000.00	-14.42	16.28		16.58	0.000101	4.46	55105.55	2541.93	0.15
Restudy Reach	112483	500-Year	Floodplain As Is	265000.00	-14.42	20.20		20.54	0.000099	4.84	65116.57	2573.18	0.15
Restudy Reach	111984	10-Year	Floodplain As Is	142000.00	-16.12	10.84		11.06	0.000100	3.70	39437.53	2058.14	0.14
Restudy Reach	111984	50-Year	Floodplain As Is	190000.00	-16.12	14.66		14.92	0.000101	4.16	47560.51	2248.47	0.15
Restudy Reach	111984	100-Year	Floodplain As Is	211000.00	-16.12	16.24		16.53	0.000100	4.33	51142.37	2285.09	0.15
Restudy Reach	111984	500-Year	Floodplain As Is	265000.00	-16.12	20.15		20.49	0.000098	4.71	60198.12	2342.26	0.15
Restudy Reach	111474	10-Year	Floodplain As Is	142000.00	-16.44	10.80		11.00	0.000097	3.58	41663.11	2346.35	0.14
Restudy Reach	111474	50-Year	Floodplain As Is	190000.00	-16.44	14.62		14.87	0.000095	4.00	50662.41	2366.58	0.14
Restudy Reach	111474	100-Year	Floodplain As Is	211000.00	-16.44	16.20		16.47	0.000094	4.15	54411.75	2374.84	0.15
Restudy Reach	111474	500-Year	Floodplain As Is	265000.00	-16.44	20.13		20.43	0.000091	4.49	63762.27	2395.34	0.15
Restudy Reach	110489	10-Year	Floodplain As Is	142000.00	-39.31	10.62		10.89	0.000129	4.13	34483.74	1738.47	0.16
Restudy Reach	110489	50-Year	Floodplain As Is	190000.00	-39.31	14.41		14.75	0.000129	4.65	41109.32	1754.90	0.17
Restudy Reach	110489	100-Year	Floodplain As Is	211000.00	-39.31	15.98		16.35	0.000129	4.85	43872.10	1761.70	0.17
Restudy Reach	110489	500-Year	Floodplain As Is	265000.00	-39.31	19.88		20.31	0.000127	5.28	50770.09	1778.57	0.17
Restudy Reach	109387	10-Year	Floodplain As Is	142000.00	-25.91	10.49		10.74	0.000125	4.05	35170.77	1909.61	0.16
Restudy Reach	109387	50-Year	Floodplain As Is	190000.00	-25.91	14.29		14.60	0.000124	4.49	43010.00	2168.06	0.17
Restudy Reach	109387	100-Year	Floodplain As Is	211000.00	-25.91	15.87		16.20	0.000122	4.64	46502.16	2258.86	0.17
Restudy Reach	109387	500-Year	Floodplain As Is	265000.00	-25.91	19.79		20.16	0.000118	4.94	55657.40	2375.21	0.17
Restudy Reach	108798	10-Year	Floodplain As Is	142000.00	-17.96	10.43		10.67	0.000118	3.90	36706.48	2081.78	0.16
Restudy Reach	108798	50-Year	Floodplain As Is	190000.00	-17.96	14.24		14.52	0.000117	4.30	45004.56	2314.89	0.16
Restudy Reach	108798	100-Year	Floodplain As Is	211000.00	-17.96	15.82		16.12	0.000115				

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	107443	10-Year	Floodplain As Is	142000.00	-21.97	10.26		10.50	0.000126	3.91	36480.96	2335.25	0.17
Restudy Reach	107443	50-Year	Floodplain As Is	190000.00	-21.97	14.08		14.36	0.000122	4.25	45752.67	2548.24	0.17
Restudy Reach	107443	100-Year	Floodplain As Is	211000.00	-21.97	15.66		15.96	0.000119	4.37	49897.91	2639.83	0.16
Restudy Reach	107443	500-Year	Floodplain As Is	265000.00	-21.97	19.60		19.93	0.000111	4.63	60630.27	2812.85	0.16
Restudy Reach	106767	10-Year	Floodplain As Is	142000.00	-24.08	10.16		10.41	0.000140	3.97	36327.83	2549.16	0.17
Restudy Reach	106767	50-Year	Floodplain As Is	190000.00	-24.08	13.99		14.27	0.000127	4.31	46587.95	2739.29	0.16
Restudy Reach	106767	100-Year	Floodplain As Is	211000.00	-24.08	15.58		15.87	0.000122	4.43	50973.72	2783.31	0.16
Restudy Reach	106767	500-Year	Floodplain As Is	265000.00	-24.08	19.52		19.85	0.000110	4.66	62386.57	2955.72	0.16
Restudy Reach	106001	10-Year	Floodplain As Is	142000.00	-26.72	10.00		-9.35	0.000149	4.31	34275.01	2454.60	0.17
Restudy Reach	106001	50-Year	Floodplain As Is	190000.00	-26.72	13.83		-6.95	0.000141	4.72	44128.57	2516.16	0.17
Restudy Reach	106001	100-Year	Floodplain As Is	211000.00	-26.72	15.42		-5.97	0.000137	4.86	48323.98	2683.37	0.17
Restudy Reach	106001	500-Year	Floodplain As Is	265000.00	-26.72	19.37		-0.70	0.000126	5.13	59222.13	2862.31	0.17
Restudy Reach	105403	10-Year	Floodplain As Is	142000.00	-29.41	9.88		-13.95	0.000143	4.58	34012.30	2279.38	0.17
Restudy Reach	105403	50-Year	Floodplain As Is	190000.00	-29.41	13.68		-11.25	0.000146	5.11	43176.56	2497.47	0.18
Restudy Reach	105403	100-Year	Floodplain As Is	211000.00	-29.41	15.26		-10.15	0.000145	5.29	47161.91	2532.15	0.18
Restudy Reach	105403	500-Year	Floodplain As Is	265000.00	-29.41	19.20		-7.49	0.000138	5.66	57235.71	2574.77	0.18
Restudy Reach	104434	10-Year	Floodplain As Is	142000.00	-28.09	9.77		-12.28	0.000117	4.46	35043.84	2393.57	0.16
Restudy Reach	104434	50-Year	Floodplain As Is	190000.00	-28.09	13.59		-9.93	0.000116	4.89	44433.23	2475.88	0.16
Restudy Reach	104434	100-Year	Floodplain As Is	211000.00	-28.09	15.18		-8.97	0.000115	5.04	48385.71	2491.30	0.16
Restudy Reach	104434	500-Year	Floodplain As Is	265000.00	-28.09	19.14		-6.45	0.000108	5.32	58378.51	2564.65	0.16
Restudy Reach	103423	10-Year	Floodplain As Is	142000.00	-28.03	9.60		-9.92	0.000127	4.71	33098.01	2557.92	0.17
Restudy Reach	103423	50-Year	Floodplain As Is	190000.00	-28.03	13.39		-7.89	0.000131	5.26	43056.70	2672.83	0.17
Restudy Reach	103423	100-Year	Floodplain As Is	211000.00	-28.03	14.98		-7.09	0.000130	5.44	47346.52	2729.58	0.17
Restudy Reach	103423	500-Year	Floodplain As Is	265000.00	-28.03	18.93		-5.07	0.000125	5.79	58276.55	2811.46	0.18
Restudy Reach	102354	10-Year	Floodplain As Is	142000.00	-19.35	9.54		9.78	0.000112	4.03	36865.47	2329.64	0.15
Restudy Reach	102354	50-Year	Floodplain As Is	190000.00	-19.35	13.36		13.64	0.000104	4.31	45838.86	2370.47	0.15
Restudy Reach	102354	100-Year	Floodplain As Is	211000.00	-19.35	14.96		15.24	0.000100	4.40	49626.07	2378.81	0.15
Restudy Reach	102354	500-Year	Floodplain As Is	265000.00	-19.35	18.92		19.24	0.000091	4.60	59153.93	2469.49	0.15
Restudy Reach	101531	10-Year	Floodplain As Is	142000.00	-16.22	9.45		-5.72	0.000115	3.87	38604.73	2395.42	0.15
Restudy Reach	101531	50-Year	Floodplain As Is	190000.00	-16.22	13.26		-4.33	0.000114	4.31	47147.07	2572.44	0.16
Restudy Reach	101531	100-Year	Floodplain As Is	211000.00	-16.22	14.85		-3.74	0.000113	4.48	50731.96	2668.77	0.16
Restudy Reach	101531	500-Year	Floodplain As Is	265000.00	-16.22	18.86		-2.31	0.000093	4.47	64571.72	2857.02	0.15
Restudy Reach	100480	10-Year	Floodplain As Is	142000.00	-18.81	9.35		-4.16	0.000111	3.62	39502.86	2506.39	0.15
Restudy Reach	100480	50-Year	Floodplain As Is	190000.00	-18.81	13.19		-2.99	0.000095	3.78	50730.66	2702.96	0.14
Restudy Reach	100480	100-Year	Floodplain As Is	211000.00	-18.81	14.79		-2.51	0.000091	3.88	55081.13	2744.29	0.14
Restudy Reach	100480	500-Year	Floodplain As Is	265000.00	-18.81	18.80		-1.36	0.000083	4.10	66396.47	2915.15	0.14
Restudy Reach	99303	10-Year	Floodplain As Is	142000.00	-21.48	9.12		-3.74	0.000158	4.22	33936.25	2259.11	0.18
Restudy Reach	99303	50-Year	Floodplain As Is	190000.00	-21.48	12.99		-2.33	0.000127	4.33	44073.63	2351.26	0.16
Restudy Reach	99303	100-Year	Floodplain As Is	211000.00	-21.48	14.59		-1.79	0.000122	4.45	47970.31	2535.65	0.16
Restudy Reach	99303	500-Year	Floodplain As Is	265000.00	-21.48	18.61		-0.47	0.000110	4.68	58397.85	2615.39	0.16
Restudy Reach	98482	10-Year	Floodplain As Is	142000.00	-25.71	8.95		-5.45	0.000161	4.49	32587.63	2702.45	0.18
Restudy Reach	98482	50-Year	Floodplain As Is	190000.00	-25.71	12.87		-3.33	0.000131	4.58	46605.91	2787.91	0.17
Restudy Reach	98482	100-Year	Floodplain As Is	211000.00	-25.71	14.48		-2.67	0.000126	4.70	51082.58	2794.47	0.17
Restudy Reach	98482	500-Year	Floodplain As Is	265000.00	-25.71	18.50		-1.21	0.000114	4.94	62360.15	2807.77	0.16
Restudy Reach	97997	10-Year	Floodplain As Is	142000.00	-28.03	8.85		-6.98	0.000163	4.61	31269.18	2685.59	0.18
Restudy Reach	97997	50-Year	Floodplain As Is	190000.00	-28.03	12.85		-4.40	0.000101	4.09	47148.59	2833.63	0.15
Restudy Reach	97997	100-Year	Floodplain As Is	211000.00	-28.03	14.46		-3.14	0.000094	4.14	51719.46	2839.86	0.14
Restudy Reach	97997	500-Year	Floodplain As Is	265000.00	-28.03	18.50		-1.42	0.000080	4.22	63227.04	2856.60	0.14
Restudy Reach	97328	10-Year	Floodplain As Is	144000.00	-28.77	8.77		-9.13	0.000154	4.49	34637.78	2430.94	0.18
Restudy Reach	97328	50-Year	Floodplain As Is	195000.00	-28.77	12.69		-5.96	0.000141	4.85	44338.12	2537.33	0.18
Restudy Reach	97328	100-Year	Floodplain As Is	217000.00	-28.77	14.29		-4.72	0.000136	4.97	48531.01	2673.48	0.17
Restudy Reach	97328	500-Year	Floodplain As Is	276000.00	-28.77	18.32		-1.07	0.000125	5.26	59546.05	2837.85	0.17
Restudy Reach	96877	10-Year	Floodplain As Is	144000.00	-30.93	8.72		-10.93	0.000141	4.30	36272.36	2624.47	0.17
Restudy Reach	96877	50-Year	Floodplain As Is	195000.00	-30.93	12.65		-7.56	0.000125	4.57	47006.67	2878.07	0.17
Restudy Reach	96877	100-Year	Floodplain As Is	217000.00	-30.93	14.27		-6.28	0.000120	4.66	51846.63	3092.01	0.16
Restudy Reach	96877	500-Year	Floodplain As Is	276000.00	-30.93	18.31		-1.19	0.000107	4.87	64453.64	3127.77	0.16
Restudy Reach	95499	10-Year	Floodplain As Is	144000.00	-28.00	8.64		-13.30	0.000079	3.69	45587.14	3764.12	0.13
Restudy Reach	95499	50-Year	Floodplain As Is	195000.00	-28.00	12.61		-10.67	0.000067	3.76	61536.05	4149.94	0.12
Restudy Reach	95499	100-Year	Floodplain As Is	217000.00	-28.00	14.23		-9.62	0.000062	3.77	68293.68	4158.44	0.12
Restudy Reach	95499	500-Year	Floodplain As Is	276000.00	-28.00	18.30		-6.94	0.000054	3.82	85259.66	4179.48	0.12
Restudy Reach	94182	10-Year	Floodplain As Is	144000.00	-24.84	8.51		-12.79	0.000079	3.92	42936.48	3461.23	0.13
Restudy Reach	94182	50-Year	Floodplain As Is	195000.00	-24.84	12.49		-10.47	0.000070	4.03	56811.52	3498.35	0.13
Restudy Reach	94182	100-Year	Floodplain As Is	217000.00	-24.84	14.12		-9.55	0.000066	4.06	62517.73	3505.61	0.13
Restudy Reach	94182	500-Year	Floodplain As Is	276000.00	-24.84	18.19		-7.25	0.000059	4.15	76834.22	3523.76	0.12
Restudy Reach	93502	10-Year	Floodplain As Is	144000.00	-22.34	8.41		-10.30	0.000100	4.02	38438.27	2899.30	0.15
Restudy Reach	93502	50-Year	Floodplain As Is	195000.00	-22.34	12.38		-8.11	0.000085	4.13	49981.55	2915.84	0.14
Restudy Reach	93502	100-Year	Floodplain As Is	217000.00	-22.34	14.01		-7.25	0.000080	4.16	54729.54	2922.65	0.14
Restudy Reach	93502	500-Year	Floodplain As Is	276000.00	-22.34	18.07		-5.10	0.000071	4.27	66638.15	2936.26	0.13
Restudy Reach	92943	10-Year	Floodplain As Is	144000.00	-21.35	8.37		-9.72	0.000092	3.84	40106.95	2661.74	0.14
Restudy Reach	92943	50-Year	Floodplain As Is	195000.00	-21.35	12.34		-7.90	0.000084	4.07	50719.30	2686.01	0.14
Restudy Reach	92943	100-Year	Floodplain As Is	217000.00	-21.35	13.97		-7.16	0.000080	4.14	55095.79	2695.50	0.14
Restudy Reach	92943	500-Year	Floodplain As Is	276000.00	-21.35	18.03		-5.34	0.000074	4.33	66090.41	2717.98	0.13
Restudy Reach	92004	10-Year	Floodplain As Is	144000.00	-25.81	8.23		8.48	0.000114	4.04	37752.07	2200.97	0.15
Restudy Reach	92004	50-Year	Floodplain As Is	195000.00	-25.81	12.16		12.48	0.000117	4.58	46436.19	2227.00	0.16
Restudy Reach	92004	100-Year	Floodplain As Is	217000.00	-25.81	13.77		14.11	0.000117	4.77	50027.75	2233.07	0.16
Restudy Reach	92004	500-Year	Floodplain As Is	276000.00	-25.81	17.79		18.20	0.000117	5.23	59044.49	2249.69	0.17
Restudy Reach	91208	10-Year	Floodplain As Is	144000.00	-22.18	8.15		8.38	0.000116	3.89	37142.63	1910.47	0.15
Restudy Reach	91208	50-Year	Floodplain As Is	195000.00	-22.18	12.08		12.38	0.000116	4.39	44669.49	1922.80	0.16
Restudy Reach	91208	100-Year	Floodplain As Is	217000.00	-22.18	13.69		14.01	0.000116	4.58	47772.43	1927.86	0.16
Restudy Reach	91208	500-Year	Floodplain As Is	276000.00	-22.18	17.71		18.10	0.000114	5.02	55558.34	1940.50	0.16
Restudy Reach	89976	10-Year	Floodplain As Is	144000.00	-33.63	7.88		8.21	0.000163	4.58	31871.44	1712.54	0.18
Restudy Reach	89976	50-Year	Floodplain As Is	195000.00	-33.63	11.78		12.20	0.000163	5.16	38587.44	1729.67	0.19
Restudy Reach	89976	100-Year	Floodplain As Is	217000.00	-33.63	13.39		13.83	0.000161	5.37	41365.98	1736.75	0.19
Restudy Reach	89976	500-Year	Floodplain As Is	276000.00	-33.63	17.39		17.93	0.000159	5.88	48354.74	1755.00	0.19
Restudy Reach	89316	10-Year	Floodplain As Is	144000.									

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	88520	10-Year	Floodplain As Is	144000.00	-36.56	7.52		7.94	0.000188	5.18	27803.16	1312.40	0.20
Restudy Reach	88520	50-Year	Floodplain As Is	195000.00	-36.56	11.37		11.92	0.000198	5.94	32882.40	1327.27	0.21
Restudy Reach	88520	100-Year	Floodplain As Is	217000.00	-36.56	12.95		13.55	0.000200	6.22	34988.18	1332.58	0.21
Restudy Reach	88520	500-Year	Floodplain As Is	276000.00	-36.56	16.90		17.64	0.000204	6.89	40280.72	1345.90	0.22
Restudy Reach	87861	10-Year	Floodplain As Is	144000.00	-33.47	7.29		7.79	0.000224	5.69	25409.16	1192.39	0.22
Restudy Reach	87861	50-Year	Floodplain As Is	195000.00	-33.47	11.09		11.76	0.000240	6.55	29971.43	1205.88	0.23
Restudy Reach	87861	100-Year	Floodplain As Is	217000.00	-33.47	12.66		13.39	0.000243	6.86	31865.33	1211.44	0.23
Restudy Reach	87861	500-Year	Floodplain As Is	276000.00	-33.47	16.57		17.47	0.000251	7.63	36634.06	1228.25	0.24
Restudy Reach	87256	10-Year	Floodplain As Is	144000.00	-34.44	7.20		7.66	0.000182	5.42	26602.12	1160.27	0.20
Restudy Reach	87256	50-Year	Floodplain As Is	195000.00	-34.44	11.00		11.61	0.000202	6.30	31144.83	1216.35	0.21
Restudy Reach	87256	100-Year	Floodplain As Is	217000.00	-34.44	12.56		13.24	0.000207	6.63	33054.07	1224.37	0.22
Restudy Reach	87256	500-Year	Floodplain As Is	276000.00	-34.44	16.47		17.32	0.000218	7.41	37877.38	1246.48	0.23
Restudy Reach	86919	10-Year	Floodplain As Is	144000.00	-35.02	7.10	-18.15	7.60	0.000133	5.67	25383.34	795.03	0.18
Restudy Reach	86919	50-Year	Floodplain As Is	195000.00	-35.02	10.81	-15.21	11.54	0.000170	6.87	28992.51	1186.38	0.20
Restudy Reach	86919	100-Year	Floodplain As Is	217000.00	-35.02	12.33	-13.84	13.16	0.000182	7.32	30685.59	1191.00	0.21
Restudy Reach	86919	500-Year	Floodplain As Is	276000.00	-35.02	16.13	-10.83	17.22	0.000211	8.39	34910.77	1207.48	0.23
Restudy Reach	86709	10-Year	Floodplain As Is	144000.00	-34.96	7.12	-20.72	7.53	0.000098	5.14	28188.54	1048.55	0.15
Restudy Reach	86709	50-Year	Floodplain As Is	195000.00	-34.96	10.84	-18.19	11.45	0.000129	6.28	31424.62	1261.92	0.18
Restudy Reach	86709	100-Year	Floodplain As Is	217000.00	-34.96	12.37	-17.17	13.06	0.000140	6.72	32767.68	1276.82	0.19
Restudy Reach	86709	500-Year	Floodplain As Is	276000.00	-34.96	16.17	-14.59	17.11	0.000166	7.78	36340.78	1522.39	0.21
Restudy Reach	86646		Bridge										
Restudy Reach	86582	10-Year	Floodplain As Is	144000.00	-35.28	6.99	-19.50	7.45	0.000114	5.43	26519.03	782.70	0.16
Restudy Reach	86582	50-Year	Floodplain As Is	195000.00	-35.28	10.64	-16.94	11.32	0.000150	6.63	29534.85	1126.51	0.19
Restudy Reach	86582	100-Year	Floodplain As Is	217000.00	-35.28	12.14	-15.92	12.92	0.000163	7.09	30816.74	1139.47	0.20
Restudy Reach	86582	500-Year	Floodplain As Is	276000.00	-35.28	15.87	-13.34	16.91	0.000193	8.22	34005.55	1186.84	0.22
Restudy Reach	86306	10-Year	Floodplain As Is	144000.00	-34.71	6.98	-19.56	7.39	0.000112	5.16	27975.27	1425.85	0.16
Restudy Reach	86306	50-Year	Floodplain As Is	195000.00	-34.71	10.64	-16.94	11.25	0.000142	6.25	32088.93	2036.73	0.18
Restudy Reach	86306	100-Year	Floodplain As Is	217000.00	-34.71	12.15	-15.85	12.83	0.000152	6.66	33810.93	2349.89	0.19
Restudy Reach	86306	500-Year	Floodplain As Is	276000.00	-34.71	15.89	-13.31	16.79	0.000177	7.66	38148.92	2537.62	0.21
Restudy Reach	85695	10-Year	Floodplain As Is	144000.00	-34.00	6.94	-18.09	7.31	0.000108	4.92	29684.38	1610.53	0.16
Restudy Reach	85695	50-Year	Floodplain As Is	195000.00	-34.00	10.61	-15.11	11.14	0.000132	5.88	35391.46	1786.17	0.18
Restudy Reach	85695	100-Year	Floodplain As Is	217000.00	-34.00	12.12	-14.10	12.72	0.000140	6.23	37818.56	1798.04	0.18
Restudy Reach	85695	500-Year	Floodplain As Is	276000.00	-34.00	15.90	-11.50	16.64	0.000156	7.04	43958.18	2113.79	0.20
Restudy Reach	85017	10-Year	Floodplain As Is	144000.00	-28.10	6.82	-11.48	7.23	0.000151	5.11	29185.95	1895.81	0.18
Restudy Reach	85017	50-Year	Floodplain As Is	195000.00	-28.10	10.51	-9.45	11.04	0.000169	5.92	38091.98	2270.80	0.19
Restudy Reach	85017	100-Year	Floodplain As Is	217000.00	-28.10	12.03	-8.64	12.61	0.000173	6.19	41555.31	2276.34	0.20
Restudy Reach	85017	500-Year	Floodplain As Is	276000.00	-28.10	15.83	-6.64	16.51	0.000179	6.82	50228.06	2291.42	0.21
Restudy Reach	84071	10-Year	Floodplain As Is	144000.00	-20.64	6.75	-8.02	7.05	0.000149	4.44	33229.17	2393.38	0.18
Restudy Reach	84071	50-Year	Floodplain As Is	195000.00	-20.64	10.47	-6.44	10.84	0.000147	4.94	44529.59	2753.77	0.18
Restudy Reach	84071	100-Year	Floodplain As Is	217000.00	-20.64	12.01	-5.80	12.40	0.000144	5.11	48773.96	2760.66	0.18
Restudy Reach	84071	500-Year	Floodplain As Is	276000.00	-20.64	15.85	-4.19	16.29	0.000138	5.49	59396.83	2776.25	0.18
Restudy Reach	82801	10-Year	Floodplain As Is	144000.00	-19.11	6.64	-5.42	6.84	0.000135	3.62	39841.63	3351.27	0.16
Restudy Reach	82801	50-Year	Floodplain As Is	195000.00	-19.11	10.41	-4.02	10.63	0.000114	3.83	56087.54	3754.86	0.15
Restudy Reach	82801	100-Year	Floodplain As Is	217000.00	-19.11	11.97	-3.53	12.20	0.000107	3.91	61935.26	3763.21	0.15
Restudy Reach	82801	500-Year	Floodplain As Is	276000.00	-19.11	15.84	-2.31	16.09	0.000095	4.12	76544.81	3784.03	0.15
Restudy Reach	81502	10-Year	Floodplain As Is	144000.00	-27.46	6.54	-9.51	6.69	0.000081	3.12	46128.91	3511.10	0.13
Restudy Reach	81502	50-Year	Floodplain As Is	195000.00	-27.46	10.33	-7.68	10.50	0.000076	3.39	64174.11	3661.34	0.13
Restudy Reach	81502	100-Year	Floodplain As Is	217000.00	-27.46	11.89	-7.09	12.07	0.000074	3.50	69886.94	3668.65	0.13
Restudy Reach	81502	500-Year	Floodplain As Is	276000.00	-27.46	15.76	-5.74	15.97	0.000070	3.76	84137.54	3682.98	0.13
Restudy Reach	80527	10-Year	Floodplain As Is	144000.00	-27.03	6.29	-6.53	6.57	0.000183	4.22	34123.24	3339.42	0.19
Restudy Reach	80527	50-Year	Floodplain As Is	195000.00	-27.03	10.18	-4.63	10.41	0.000089	3.34	53315.49	3640.80	0.14
Restudy Reach	80527	100-Year	Floodplain As Is	217000.00	-27.03	11.75	-3.86	11.99	0.000080	3.32	59030.04	3648.87	0.13
Restudy Reach	80527	500-Year	Floodplain As Is	276000.00	-27.03	15.64	-2.12	15.90	0.000064	3.31	73270.80	3669.85	0.12
Restudy Reach	79739	10-Year	Floodplain As Is	144000.00	-24.65	6.07	-7.19	6.41	0.000202	4.67	30990.42	3217.24	0.21
Restudy Reach	79739	50-Year	Floodplain As Is	195000.00	-24.65	10.10	-5.18	10.34	0.000093	3.57	50632.19	3513.09	0.14
Restudy Reach	79739	100-Year	Floodplain As Is	217000.00	-24.65	11.67	-4.47	11.92	0.000084	3.53	56177.39	3522.00	0.14
Restudy Reach	79739	500-Year	Floodplain As Is	276000.00	-24.65	15.58	-2.72	15.85	0.000068	3.49	69968.55	3540.93	0.12
Restudy Reach	78734	10-Year	Floodplain As Is	144000.00	-28.27	5.79	-9.91	6.20	0.000206	5.14	28516.92	3138.87	0.22
Restudy Reach	78734	50-Year	Floodplain As Is	195000.00	-28.27	9.99	-6.69	10.24	0.000108	4.15	48414.33	3410.82	0.16
Restudy Reach	78734	100-Year	Floodplain As Is	217000.00	-28.27	11.58	-5.73	11.84	0.000098	4.12	53923.20	3544.49	0.15
Restudy Reach	78734	500-Year	Floodplain As Is	276000.00	-28.27	15.51	-3.61	15.78	0.000081	4.08	68085.02	3635.74	0.14
Restudy Reach	77865	10-Year	Floodplain As Is	144000.00	-30.11	5.62	-12.18	6.01	0.000210	5.03	29002.92	3004.55	0.21
Restudy Reach	77865	50-Year	Floodplain As Is	195000.00	-30.11	9.87	-9.03	10.15	0.000126	4.47	47574.11	3188.20	0.16
Restudy Reach	77865	100-Year	Floodplain As Is	217000.00	-30.11	11.47	-7.77	11.75	0.000116	4.49	52691.32	3211.58	0.16
Restudy Reach	77865	500-Year	Floodplain As Is	276000.00	-30.11	15.41	-4.27	15.70	0.000099	4.57	65470.07	3273.74	0.15
Restudy Reach	77102	10-Year	Floodplain As Is	144000.00	-29.78	5.38	-12.63	5.84	0.000231	5.52	29347.08	2488.77	0.22
Restudy Reach	77102	50-Year	Floodplain As Is	195000.00	-29.78	9.50	-9.60	10.01	0.000205	5.90	39694.75	2515.04	0.21
Restudy Reach	77102	100-Year	Floodplain As Is	217000.00	-29.78	11.09	-8.50	11.61	0.000198	6.04	43694.05	2520.61	0.21
Restudy Reach	77102	500-Year	Floodplain As Is	276000.00	-29.78	15.01	-5.67	15.58	0.000184	6.41	53598.43	2533.72	0.21
Restudy Reach	76338	10-Year	Floodplain As Is	144000.00	-29.54	5.16	-13.91	5.66	0.000214	5.71	27493.50	2199.59	0.21
Restudy Reach	76338	50-Year	Floodplain As Is	195000.00	-29.54	9.26	-11.29	9.84	0.000207	6.28	36576.67	2228.01	0.22
Restudy Reach	76338	100-Year	Floodplain As Is	217000.00	-29.54	10.84	-10.15	11.45	0.000204	6.49	40097.08	2235.60	0.22
Restudy Reach	76338	500-Year	Floodplain As Is	276000.00	-29.54	14.73	-7.39	15.42	0.000199	6.99	48840.81	2255.82	0.22
Restudy Reach	75591	10-Year	Floodplain As Is	144000.00	-32.74	5.00		5.52	0.000177	5.75	26623.18	1720.82	0.20
Restudy Reach	75591	50-Year	Floodplain As Is	195000.00	-32.74	9.01		9.68	0.000196	6.65	33609.05	1762.94	0.21
Restudy Reach	75591	100-Year	Floodplain As Is	217000.00	-32.74	10.55		11.28	0.000203	6.99	36329.61	1774.70	0.22
Restudy Reach	75591	500-Year	Floodplain As Is	276000.00	-32.74	14.34		15.24	0.000217	7.80	43105.31	1793.75	0.23
Restudy Reach	74903	10-Year	Floodplain As Is	144000.00	-33.40	4.95		5.37	0.000157	5.22	28790.19	1738.55	0.19
Restudy Reach	74903	50-Year	Floodplain As Is	195000.00	-33.40	8.96		9.52	0.000171	6.02	36017.02	1863.48	0.20
Restudy Reach	74903	100-Year	Floodplain As Is	217000.00	-33.40	10.51		11.12	0.000176	6.32	38996.90	1873.76	0.20
Restudy Reach	74903	500-Year	Floodplain As Is	276000.00	-33.40	14.31		15.06	0.000187	7.05	46072.15	1904.15	0.21
Restudy Reach	74361	10-Year	Floodplain As Is	144000.00	-33.77	4.88		5.28	0.000176	5.08	29101.74	1854.75	0.19
Restudy Reach	743												

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	73862	50-Year	Floodplain As Is	195000.00	-32.45	8.85	-9.93	9.31	0.000169	5.49	40155.45	2454.26	0.19
Restudy Reach	73862	100-Year	Floodplain As Is	217000.00	-32.45	10.40	-9.04	10.90	0.000170	5.73	43672.05	2470.75	0.20
Restudy Reach	73862	500-Year	Floodplain As Is	276000.00	-32.45	14.23	-6.95	14.82	0.000171	6.28	52366.77	2541.47	0.20
Restudy Reach	73035	10-Year	Floodplain As Is	144000.00	-37.51	4.63		5.04	0.000180	5.11	30543.17	2305.99	0.19
Restudy Reach	73035	50-Year	Floodplain As Is	195000.00	-37.51	8.66		9.16	0.000181	5.73	40299.80	2496.80	0.20
Restudy Reach	73035	100-Year	Floodplain As Is	217000.00	-37.51	10.21		10.75	0.000182	5.96	44176.46	2503.42	0.20
Restudy Reach	73035	500-Year	Floodplain As Is	276000.00	-37.51	14.04		14.67	0.000182	6.52	53792.99	2519.65	0.21
Restudy Reach	72466	10-Year	Floodplain As Is	144000.00	-38.56	4.45	-11.85	4.92	0.000221	5.47	26303.96	1990.03	0.21
Restudy Reach	72466	50-Year	Floodplain As Is	195000.00	-38.56	8.45	-8.61	9.04	0.000224	6.17	33517.26	2126.46	0.22
Restudy Reach	72466	100-Year	Floodplain As Is	217000.00	-38.56	9.98	-7.84	10.62	0.000226	6.45	36105.25	2171.98	0.22
Restudy Reach	72466	500-Year	Floodplain As Is	276000.00	-38.56	13.77	-5.90	14.54	0.000230	7.12	42503.79	2300.79	0.23
Restudy Reach	71966	10-Year	Floodplain As Is	144000.00	-33.42	4.30	-11.13	4.80	0.000252	5.65	25471.69	1522.21	0.23
Restudy Reach	71966	50-Year	Floodplain As Is	195000.00	-33.42	8.29	-7.88	8.91	0.000250	6.35	30866.31	1600.89	0.23
Restudy Reach	71966	100-Year	Floodplain As Is	217000.00	-33.42	9.82	-7.08	10.50	0.000252	6.64	32951.79	1619.17	0.23
Restudy Reach	71966	500-Year	Floodplain As Is	276000.00	-33.42	13.61	-5.09	14.42	0.000249	7.25	40688.08	1649.34	0.24
Restudy Reach	71525	10-Year	Floodplain As Is	144000.00	-31.50	4.27	-13.40	4.67	0.000200	5.09	28311.01	1456.65	0.20
Restudy Reach	71525	50-Year	Floodplain As Is	195000.00	-31.50	8.27	-9.94	8.78	0.000200	5.70	34489.83	1596.00	0.21
Restudy Reach	71525	100-Year	Floodplain As Is	217000.00	-31.50	9.81	-8.31	10.36	0.000200	5.95	36950.41	1614.47	0.21
Restudy Reach	71525	500-Year	Floodplain As Is	276000.00	-31.50	13.61	-6.46	14.28	0.000200	6.54	43341.99	1717.34	0.22

Appendix C

Existing vs. Proposed HEC-RAS Documentation – FEMA Floodway

HEC-RAS River: Conn River Reach: Restudy Reach

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	288987	Encroached 100 Y	Floodway Ana Existing	200000.00	-9.53	33.58	7.32	33.71	0.000038	3.17	87068.45	4050.00	0.10
Restudy Reach	288987	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-9.53	33.57	7.32	33.70	0.000038	3.17	87063.81	4050.00	0.10
Restudy Reach	288987	Encroached 10-Y	Floodway Ana Existing	140000.00	-9.53	29.50	5.12	29.59	0.000032	2.66	70555.91	4050.00	0.09
Restudy Reach	288987	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-9.53	29.50	5.12	29.59	0.000032	2.66	70549.16	4050.00	0.09
Restudy Reach	287953	Encroached 100 Y	Floodway Ana Existing	200000.00	-4.23	33.52	7.02	33.66	0.000042	3.33	80074.04	3600.00	0.10
Restudy Reach	287953	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-4.23	33.51	7.02	33.66	0.000042	3.33	80069.88	3600.00	0.10
Restudy Reach	287953	Encroached 10-Y	Floodway Ana Existing	140000.00	-4.23	29.45	5.03	29.56	0.000034	2.77	65477.88	3557.95	0.09
Restudy Reach	287953	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-4.23	29.45	5.03	29.56	0.000034	2.77	65471.92	3557.79	0.09
Restudy Reach	287035	Encroached 100 Y	Floodway Ana Existing	200000.00	-4.66	33.48	8.51	33.62	0.000044	3.30	80984.21	3500.00	0.10
Restudy Reach	287035	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-4.66	33.48	8.51	33.62	0.000044	3.30	80980.19	3500.00	0.10
Restudy Reach	287035	Encroached 10-Y	Floodway Ana Existing	140000.00	-4.66	29.42	6.66	29.53	0.000036	2.75	66787.60	3500.00	0.09
Restudy Reach	287035	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-4.66	29.42	6.66	29.53	0.000036	2.75	66781.72	3500.00	0.09
Restudy Reach	285902	Encroached 100 Y	Floodway Ana Existing	200000.00	-4.76	33.38	8.62	33.57	0.000059	3.73	76418.96	3400.00	0.12
Restudy Reach	285902	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-4.76	33.38	8.62	33.56	0.000059	3.73	76415.01	3400.00	0.12
Restudy Reach	285902	Encroached 10-Y	Floodway Ana Existing	140000.00	-4.76	29.35	6.46	29.48	0.000048	3.11	62700.21	3400.00	0.10
Restudy Reach	285902	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-4.76	29.34	6.46	29.48	0.000048	3.11	62694.44	3400.00	0.10
Restudy Reach	284978	Encroached 100 Y	Floodway Ana Existing	200000.00	-6.36	33.34	7.40	33.51	0.000050	3.72	74831.49	3300.00	0.11
Restudy Reach	284978	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-6.36	33.34	7.40	33.51	0.000050	3.72	74827.63	3300.00	0.11
Restudy Reach	284978	Encroached 10-Y	Floodway Ana Existing	140000.00	-6.36	29.31	5.03	29.44	0.000042	3.14	61524.70	3300.00	0.10
Restudy Reach	284978	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-6.36	29.31	5.03	29.43	0.000042	3.14	61519.06	3300.00	0.10
Restudy Reach	283955	Encroached 100 Y	Floodway Ana Existing	200000.00	-7.75	33.20	7.24	33.43	0.000066	4.29	66793.34	3000.00	0.13
Restudy Reach	283955	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-7.75	33.20	7.24	33.43	0.000066	4.29	66789.79	3000.00	0.13
Restudy Reach	283955	Encroached 10-Y	Floodway Ana Existing	140000.00	-7.75	29.20	4.73	29.37	0.000053	3.58	54804.35	3000.00	0.11
Restudy Reach	283955	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-7.75	29.20	4.73	29.37	0.000053	3.58	54799.16	3000.00	0.11
Restudy Reach	283016	Encroached 100 Y	Floodway Ana Existing	200000.00	-8.00	33.04	6.40	33.34	0.000080	4.83	59197.38	2500.00	0.14
Restudy Reach	283016	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-8.00	33.04	6.40	33.34	0.000080	4.83	59194.38	2500.00	0.14
Restudy Reach	283016	Encroached 10-Y	Floodway Ana Existing	140000.00	-8.00	29.09	3.59	29.31	0.000063	3.97	49331.35	2500.00	0.12
Restudy Reach	283016	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-8.00	29.09	3.59	29.31	0.000063	3.97	49326.98	2500.00	0.12
Restudy Reach	282550	Encroached 100 Y	Floodway Ana Existing	200000.00	-9.94	33.00	5.38	33.31	0.000075	4.68	57810.95	1900.00	0.14
Restudy Reach	282550	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-9.94	33.00	5.38	33.30	0.000075	4.68	57808.67	1900.00	0.14
Restudy Reach	282550	Encroached 10-Y	Floodway Ana Existing	140000.00	-9.94	29.07	2.86	29.27	0.000054	3.71	50359.59	1900.00	0.11
Restudy Reach	282550	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-9.94	29.07	2.86	29.27	0.000054	3.71	50356.27	1900.00	0.11
Restudy Reach	282026	Encroached 100 Y	Floodway Ana Existing	200000.00	-7.38	32.95	6.01	33.27	0.000073	4.62	49303.77	1673.50	0.14
Restudy Reach	282026	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-7.38	32.95	6.01	33.26	0.000073	4.62	49301.75	1673.50	0.14
Restudy Reach	282026	Encroached 10-Y	Floodway Ana Existing	140000.00	-7.38	29.04	3.59	29.24	0.000054	3.68	42754.49	1673.50	0.11
Restudy Reach	282026	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-7.38	29.04	3.59	29.24	0.000054	3.68	42751.55	1673.50	0.11
Restudy Reach	281798			Multi Open									
Restudy Reach	281583	Encroached 100 Y	Floodway Ana Existing	200000.00	-6.75	32.91	5.76	33.19	0.000063	4.26	50341.27	1686.16	0.13
Restudy Reach	281583	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-6.75	32.91	5.76	33.18	0.000063	4.26	50339.24	1686.16	0.13
Restudy Reach	281583	Encroached 10-Y	Floodway Ana Existing	140000.00	-6.75	29.01	3.57	29.18	0.000047	3.39	43807.73	1686.16	0.11
Restudy Reach	281583	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-6.75	29.01	3.57	29.18	0.000047	3.39	43804.79	1686.16	0.11
Restudy Reach	281420	Encroached 100 Y	Floodway Ana Existing	200000.00	-6.14	32.86	6.09	33.17	0.000070	4.45	49504.58	1650.00	0.13
Restudy Reach	281420	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-6.14	32.86	6.09	33.16	0.000070	4.45	49502.57	1650.00	0.13
Restudy Reach	281420	Encroached 10-Y	Floodway Ana Existing	140000.00	-6.14	28.98	3.96	29.17	0.000051	3.52	43958.47	1650.00	0.11
Restudy Reach	281420	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-6.14	28.98	3.96	29.17	0.000051	3.52	43955.56	1650.00	0.11
Restudy Reach	281000	Encroached 100 Y	Floodway Ana Existing	200000.00	-5.64	32.84	6.52	33.13	0.000071	4.36	53310.79	1800.00	0.13
Restudy Reach	281000	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-5.64	32.84	6.52	33.12	0.000071	4.36	53308.59	1800.00	0.13
Restudy Reach	281000	Encroached 10-Y	Floodway Ana Existing	140000.00	-5.64	28.96	4.09	29.14	0.000053	3.47	46327.62	1800.00	0.11
Restudy Reach	281000	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-5.64	28.96	4.09	29.14	0.000053	3.47	46324.44	1800.00	0.11
Restudy Reach	280500	Encroached 100 Y	Floodway Ana Existing	200000.00	-6.01	32.82	5.95	33.08	0.000064	4.20	58207.36	2000.00	0.13
Restudy Reach	280500	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-6.01	32.82	5.95	33.08	0.000064	4.20	58204.91	2000.00	0.13
Restudy Reach	280500	Encroached 10-Y	Floodway Ana Existing	140000.00	-6.01	28.95	3.71	29.11	0.000048	3.34	50457.04	2000.00	0.11
Restudy Reach	280500	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-6.01	28.94	3.71	29.11	0.000048	3.34	50453.48	2000.00	0.11
Restudy Reach	279999	Encroached 100 Y	Floodway Ana Existing	200000.00	-5.75	32.80	6.41	33.04	0.000060	4.02	62009.15	2100.00	0.12
Restudy Reach	279999	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-5.75	32.80	6.41	33.04	0.000060	4.02	62006.58	2100.00	0.12
Restudy Reach	279999	Encroached 10-Y	Floodway Ana Existing	140000.00	-5.75	28.93	4.27	29.08	0.000045	3.21	53877.96	2100.00	0.10
Restudy Reach	279999	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-5.75	28.93	4.27	29.08	0.000045	3.21	53874.22	2100.00	0.10
Restudy Reach	279484	Encroached 100 Y	Floodway Ana Existing	200000.00	-6.51	32.77	6.57	33.01	0.000061	4.04	60471.03	2100.00	0.12
Restudy Reach	279484	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-6.51	32.77	6.57	33.00	0.000061	4.04	60468.44	2100.00	0.12
Restudy Reach	279484	Encroached 10-Y	Floodway Ana Existing	140000.00	-6.51	28.90	4.58	29.06	0.000045	3.23	52357.65	2100.00	0.10
Restudy Reach	279484	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-6.51	28.90	4.58	29.05	0.000045	3.23	52353.90	2100.00	0.10
Restudy Reach	278987	Encroached 100 Y	Floodway Ana Existing	200000.00	-6.22	32.71	7.27	32.97	0.000068	4.16	56875.73	2100.00	0.13
Restudy Reach	278987	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-6.22	32.71	7.27	32.97	0.000068	4.16	56873.14	2100.00	0.13
Restudy Reach	278987	Encroached 10-Y	Floodway Ana Existing	140000.00	-6.22	28.86	5.12	29.03	0.000052	3.34	48789.47	2100.00	0.11
Restudy Reach	278987	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-6.22	28.86	5.12	29.03	0.000052	3.34	48785.71	2100.00	0.11
Restudy Reach	278520	Encroached 100 Y	Floodway Ana Existing	200000.00	-6.11	32.70	7.54	32.92	0.000060	3.95	59406.54	2100.00	0.12
Restudy Reach	278520	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-6.11	32.70	7.54	32.92	0.000059	3.91	60540.62	2100.00	0.12
Restudy Reach	278520	Encroached 10-Y	Floodway Ana Existing	140000.00	-6.11	28.85	5.04	29.00	0.000045	3.17	51326.51	2100.00	0.10
Restudy Reach	278520	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	140000.00	-6.11	28.85	5.04	28.99	0.000044	3.13	52457.43	2100.00	0.10
Restudy Reach	278006	Encroached 100 Y	Floodway Ana Existing	200000.00	-5.89	32.67	6.88	32.89	0.000056	3.83	61885.79	2100.00	0.12
Restudy Reach	278006	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-5.89	32.67	6.88	32.89	0.000056	3.83	62071.35	2100.00	0.12
Restudy Reach	278006	Encroached 10-Y	Floodway Ana Existing	138000.00	-5.89	28.83	4.82	28.97	0.000041	3.01	53821.49	2100.00	0.10
Restudy Reach	278006	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-5.89	28.83	4.82	28.97	0.000041	3.01	54006.34	2100.00	0.10
Restudy Reach	277487	Encroached 100 Y	Floodway Ana Existing	200000.00	-7.03	32.66	6.37	32.85	0.000048	3.60	65919.12	2100.00	0.11
Restudy Reach	277487	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-7.03	32.66	6.37	32.85	0.000050	3.66	65257.34	2100.00	0.11
Restudy Reach	277487	Encroached 10-Y	Floodway Ana Existing	138000.00	-7.03	28.82	4.44	28.94	0.000035	2.81	57861.51	2100.00	0.09
Restudy Reach	277487	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-7.03	28.82	4.44	28.94	0.000036	2.86	57201.22	2100.00	0.0

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	276911	Encroached 10-Y	Floodway Ana Existing	138000.00	-6.61	28.71	5.12	28.88	0.000052	3.33	47862.46	2151.91	0.11
Restudy Reach	276911	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-6.61	28.71	5.12	28.88	0.000052	3.33	47862.46	2151.91	0.11
Restudy Reach	276502	Encroached 100 Y	Floodway Ana Existing	200000.00	-8.24	32.49	6.49	32.73	0.000062	4.06	57695.59	2152.08	0.12
Restudy Reach	276502	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-8.24	32.49	6.49	32.73	0.000062	4.06	57695.59	2152.08	0.12
Restudy Reach	276502	Encroached 10-Y	Floodway Ana Existing	138000.00	-8.24	28.70	4.35	28.85	0.000045	3.20	49603.35	2120.65	0.10
Restudy Reach	276502	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-8.24	28.70	4.35	28.85	0.000045	3.20	49603.35	2120.65	0.10
Restudy Reach	275999	Encroached 100 Y	Floodway Ana Existing	200000.00	-6.49	32.47	6.56	32.70	0.000058	3.94	58677.57	2132.51	0.12
Restudy Reach	275999	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-6.49	32.47	6.56	32.70	0.000058	3.94	58677.57	2132.51	0.12
Restudy Reach	275999	Encroached 10-Y	Floodway Ana Existing	138000.00	-6.49	28.69	4.48	28.83	0.000042	3.11	50631.77	2120.58	0.10
Restudy Reach	275999	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-6.49	28.69	4.48	28.83	0.000042	3.11	50631.77	2120.58	0.10
Restudy Reach	275489	Encroached 100 Y	Floodway Ana Existing	200000.00	-7.15	32.45	6.19	32.66	0.000054	3.78	59980.68	2133.81	0.11
Restudy Reach	275489	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-7.15	32.45	6.19	32.66	0.000054	3.78	59980.68	2133.81	0.11
Restudy Reach	275489	Encroached 10-Y	Floodway Ana Existing	138000.00	-7.15	28.67	4.18	28.80	0.000039	2.98	51939.07	2121.77	0.10
Restudy Reach	275489	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-7.15	28.67	4.18	28.80	0.000039	2.98	51939.07	2121.77	0.10
Restudy Reach	274995	Encroached 100 Y	Floodway Ana Existing	200000.00	-6.52	32.42	5.95	32.64	0.000054	3.81	61051.11	2102.31	0.11
Restudy Reach	274995	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-6.52	32.42	5.95	32.64	0.000054	3.81	61051.11	2102.31	0.11
Restudy Reach	274995	Encroached 10-Y	Floodway Ana Existing	138000.00	-6.52	28.65	3.90	28.78	0.000039	2.99	53147.57	2089.91	0.10
Restudy Reach	274995	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-6.52	28.65	3.90	28.78	0.000039	2.99	53147.57	2089.91	0.10
Restudy Reach	274500	Encroached 100 Y	Floodway Ana Existing	200000.00	-7.90	32.38	5.63	32.61	0.000056	3.96	60751.80	2083.69	0.12
Restudy Reach	274500	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-7.90	32.38	5.63	32.61	0.000056	3.96	60751.80	2083.69	0.12
Restudy Reach	274500	Encroached 10-Y	Floodway Ana Existing	138000.00	-7.90	28.62	3.56	28.76	0.000040	3.09	52950.63	2071.70	0.10
Restudy Reach	274500	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-7.90	28.62	3.56	28.76	0.000040	3.09	52950.63	2071.70	0.10
Restudy Reach	274013	Encroached 100 Y	Floodway Ana Existing	200000.00	-7.06	32.33	5.83	32.58	0.000061	4.13	60216.30	2094.06	0.12
Restudy Reach	274013	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-7.06	32.33	5.83	32.58	0.000061	4.13	60216.30	2094.06	0.12
Restudy Reach	274013	Encroached 10-Y	Floodway Ana Existing	138000.00	-7.06	28.59	3.72	28.74	0.000043	3.23	52414.05	2081.87	0.10
Restudy Reach	274013	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-7.06	28.59	3.72	28.74	0.000043	3.23	52414.05	2081.87	0.10
Restudy Reach	273500	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.00	32.31	5.22	32.54	0.000057	3.95	61489.87	2158.08	0.12
Restudy Reach	273500	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.00	32.31	5.22	32.54	0.000057	3.95	61489.87	2158.08	0.12
Restudy Reach	273500	Encroached 10-Y	Floodway Ana Existing	138000.00	-12.00	28.58	3.07	28.72	0.000041	3.09	53454.70	2146.62	0.10
Restudy Reach	273500	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-12.00	28.58	3.07	28.72	0.000041	3.09	53454.70	2146.62	0.10
Restudy Reach	272987	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.00	32.29	5.54	32.51	0.000055	3.80	61189.90	2184.52	0.12
Restudy Reach	272987	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.00	32.29	5.54	32.51	0.000055	3.80	61189.90	2184.52	0.12
Restudy Reach	272987	Encroached 10-Y	Floodway Ana Existing	138000.00	-12.00	28.56	3.16	28.69	0.000040	2.98	53064.54	2172.58	0.10
Restudy Reach	272987	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-12.00	28.56	3.16	28.69	0.000040	2.98	53064.54	2172.58	0.10
Restudy Reach	272749	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.00	32.24	5.62	32.49	0.000066	4.10	60432.87	2234.45	0.12
Restudy Reach	272749	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.00	32.24	5.62	32.49	0.000066	4.10	60432.87	2234.45	0.12
Restudy Reach	272749	Encroached 10-Y	Floodway Ana Existing	138000.00	-12.00	28.53	2.94	28.68	0.000047	3.22	52155.68	2222.71	0.10
Restudy Reach	272749	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-12.00	28.53	2.94	28.68	0.000047	3.22	52155.68	2222.71	0.10
Restudy Reach	272501	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.06	32.23	5.74	32.47	0.000067	4.03	59569.79	2254.09	0.12
Restudy Reach	272501	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.06	32.23	5.74	32.47	0.000067	4.03	59569.79	2254.09	0.12
Restudy Reach	272501	Encroached 10-Y	Floodway Ana Existing	138000.00	-12.06	28.52	3.06	28.67	0.000048	3.17	51227.12	2241.34	0.10
Restudy Reach	272501	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-12.06	28.52	3.06	28.67	0.000048	3.17	51227.12	2241.34	0.10
Restudy Reach	271974	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.68	32.20	5.95	32.43	0.000071	3.99	58658.93	2258.81	0.12
Restudy Reach	271974	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.68	32.20	5.95	32.43	0.000071	3.99	58658.93	2258.81	0.12
Restudy Reach	271974	Encroached 10-Y	Floodway Ana Existing	138000.00	-12.68	28.49	2.88	28.64	0.000051	3.15	50319.27	2246.98	0.10
Restudy Reach	271974	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-12.68	28.49	2.88	28.64	0.000051	3.15	50319.27	2246.98	0.10
Restudy Reach	271849	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.68	32.16	5.80	32.40	0.000069	4.02	58859.53	2281.64	0.12
Restudy Reach	271849	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.68	32.16	5.80	32.40	0.000069	4.02	58859.53	2281.64	0.12
Restudy Reach	271849	Encroached 10-Y	Floodway Ana Existing	138000.00	-12.68	28.47	2.88	28.62	0.000049	3.17	50458.28	2271.50	0.10
Restudy Reach	271849	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-12.68	28.47	2.88	28.62	0.000049	3.17	50458.28	2271.50	0.10
Restudy Reach	271465	Encroached 100 Y	Floodway Ana Existing	200000.00	-13.45	32.15	6.09	32.37	0.000059	3.89	62207.02	2389.30	0.12
Restudy Reach	271465	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-13.45	32.15	6.09	32.37	0.000059	3.89	62207.02	2389.30	0.12
Restudy Reach	271465	Encroached 10-Y	Floodway Ana Existing	138000.00	-13.45	28.46	2.83	28.60	0.000042	3.06	53417.18	2377.32	0.10
Restudy Reach	271465	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-13.45	28.46	2.83	28.60	0.000042	3.06	53417.18	2377.32	0.10
Restudy Reach	270995	Encroached 100 Y	Floodway Ana Existing	200000.00	-13.20	32.11	5.51	32.34	0.000056	3.93	61561.87	2340.04	0.12
Restudy Reach	270995	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-13.20	32.11	5.51	32.34	0.000056	3.93	61561.87	2340.04	0.12
Restudy Reach	270995	Encroached 10-Y	Floodway Ana Existing	138000.00	-13.20	28.44	2.19	28.58	0.000040	3.07	53000.54	2317.24	0.10
Restudy Reach	270995	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-13.20	28.44	2.19	28.58	0.000040	3.07	53000.54	2317.24	0.10
Restudy Reach	270466	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.97	32.02	5.55	32.30	0.000070	4.35	57128.95	2257.91	0.13
Restudy Reach	270466	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.97	32.02	5.55	32.30	0.000070	4.35	57128.95	2257.91	0.13
Restudy Reach	270466	Encroached 10-Y	Floodway Ana Existing	138000.00	-12.97	28.38	2.48	28.55	0.000050	3.40	48934.65	2236.41	0.11
Restudy Reach	270466	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-12.97	28.38	2.48	28.55	0.000050	3.40	48934.65	2236.41	0.11
Restudy Reach	269984	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.45	31.99	5.19	32.27	0.000069	4.43	57555.07	2217.14	0.13
Restudy Reach	269984	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.45	31.99	5.19	32.27	0.000069	4.43	57555.07	2217.14	0.13
Restudy Reach	269984	Encroached 10-Y	Floodway Ana Existing	138000.00	-12.45	28.35	2.00	28.53	0.000049	3.46	49535.34	2196.15	0.11
Restudy Reach	269984	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-12.45	28.35	2.00	28.53	0.000049	3.46	49535.34	2196.15	0.11
Restudy Reach	269463	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.00	31.96	4.73	32.23	0.000063	4.24	58015.77	2184.86	0.13
Restudy Reach	269463	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.00	31.96	4.73	32.23	0.000063	4.24	58015.77	2184.86	0.13
Restudy Reach	269463	Encroached 10-Y	Floodway Ana Existing	138000.00	-12.00	28.34	2.38	28.50	0.000044	3.30	50129.34	2163.06	0.10
Restudy Reach	269463	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-12.00	28.34	2.38	28.50	0.000044	3.30	50129.34	2163.06	0.10
Restudy Reach	268964	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.00	31.93	4.06	32.20	0.000063	4.24	57931.69	2189.94	0.13
Restudy Reach	268964	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.00	31.93	4.06	32.20	0.000063	4.24	57931.69	2189.94	0.13
Restudy Reach	268964	Encroached 10-Y	Floodway Ana Existing	138000.00	-12.00	28.31	1.57	28.48	0.000044	3.30	50043.98	2168.91	0.10
Restudy Reach	268964	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-12.00	28.31	1.57	28.48	0.000044	3.30	50043.98	2168.91	0.10
Restudy Reach	268493	Encroached 100 Y	Floodway Ana Existing	200000.00	-12.00	31.86	4.49	32.16	0.000071	4.61	57316.13	2197.62	0.13
Restudy Reach	268493	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-12.00	31.86	4.49	32.16	0.000071	4.61	57316.13	2197.62	0.13
Restudy Reach	2												

HEC-RAS River: Conn River Reach: Restudy Reach (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Restudy Reach	267268	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-20.64	31.66	-0.53	32.02	0.000068	4.82	45680.38	1764.95	0.13
Restudy Reach	267268	Encroached 10-Y	Floodway Ana Existing	138000.00	-20.64	28.15	-3.25	28.35	0.000044	3.65	41173.39	1736.94	0.11
Restudy Reach	267268	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-20.64	28.15	-3.25	28.35	0.000044	3.65	41173.39	1736.94	0.11
Restudy Reach	267186		Bridge										
Restudy Reach	267113	Encroached 100 Y	Floodway Ana Existing	200000.00	-34.25	31.62	-8.66	31.89	0.000043	4.26	51434.07	1605.50	0.11
Restudy Reach	267113	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-34.25	31.62	-8.66	31.89	0.000043	4.26	51434.07	1605.50	0.11
Restudy Reach	267113	Encroached 10-Y	Floodway Ana Existing	138000.00	-34.25	28.14	-12.03	28.29	0.000027	3.18	47084.34	1575.05	0.08
Restudy Reach	267113	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-34.25	28.14	-12.03	28.29	0.000027	3.18	47084.34	1575.05	0.08
Restudy Reach	266798	Encroached 100 Y	Floodway Ana Existing	200000.00	-35.68	31.59	-7.11	31.88	0.000048	4.36	53737.88	1904.01	0.11
Restudy Reach	266798	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-35.68	31.59	-7.11	31.88	0.000048	4.36	53737.88	1904.01	0.11
Restudy Reach	266798	Encroached 10-Y	Floodway Ana Existing	138000.00	-35.68	28.12	-10.14	28.28	0.000030	3.28	48570.79	1882.62	0.09
Restudy Reach	266798	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-35.68	28.12	-10.14	28.28	0.000030	3.28	48570.79	1882.62	0.09
Restudy Reach	266484	Encroached 100 Y	Floodway Ana Existing	200000.00	-24.48	31.58	-2.51	31.86	0.000052	4.37	55988.73	2081.70	0.12
Restudy Reach	266484	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-24.48	31.58	-2.51	31.86	0.000052	4.37	55988.73	2081.70	0.12
Restudy Reach	266484	Encroached 10-Y	Floodway Ana Existing	138000.00	-24.48	28.10	-5.22	28.27	0.000033	3.31	50130.70	2060.12	0.09
Restudy Reach	266484	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-24.48	28.10	-5.22	28.27	0.000033	3.31	50130.70	2060.12	0.09
Restudy Reach	266003	Encroached 100 Y	Floodway Ana Existing	200000.00	-9.10	31.57	4.38	31.82	0.000060	4.18	59918.23	2292.56	0.12
Restudy Reach	266003	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-9.10	31.57	4.38	31.82	0.000060	4.18	59918.23	2292.56	0.12
Restudy Reach	266003	Encroached 10-Y	Floodway Ana Existing	138000.00	-9.10	28.10	2.08	28.25	0.000041	3.24	52634.90	2274.10	0.10
Restudy Reach	266003	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-9.10	28.10	2.08	28.25	0.000041	3.24	52634.90	2274.10	0.10
Restudy Reach	265447	Encroached 100 Y	Floodway Ana Existing	200000.00	-8.36	31.56	5.00	31.78	0.000055	3.90	65298.80	2356.22	0.12
Restudy Reach	265447	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-8.36	31.56	5.00	31.78	0.000055	3.90	65298.80	2356.22	0.12
Restudy Reach	265447	Encroached 10-Y	Floodway Ana Existing	138000.00	-8.36	28.09	2.94	28.22	0.000038	3.03	57138.70	2338.99	0.10
Restudy Reach	265447	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-8.36	28.09	2.94	28.22	0.000038	3.03	57138.70	2338.99	0.10
Restudy Reach	265212	Encroached 100 Y	Floodway Ana Existing	200000.00	-9.11	31.57	4.97	31.76	0.000047	3.60	63021.24	2176.62	0.11
Restudy Reach	265212	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-9.11	31.57	4.97	31.76	0.000047	3.60	63021.24	2176.62	0.11
Restudy Reach	265212	Encroached 10-Y	Floodway Ana Existing	138000.00	-9.11	28.09	3.00	28.21	0.000033	2.80	55476.32	2156.92	0.09
Restudy Reach	265212	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-9.11	28.09	3.00	28.21	0.000033	2.80	55476.32	2156.92	0.09
Restudy Reach	264987	Encroached 100 Y	Floodway Ana Existing	200000.00	-8.91	31.54	5.40	31.75	0.000054	3.75	58338.68	2091.11	0.11
Restudy Reach	264987	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-8.91	31.54	5.40	31.75	0.000054	3.75	58338.68	2091.11	0.11
Restudy Reach	264987	Encroached 10-Y	Floodway Ana Existing	138000.00	-8.91	28.07	3.53	28.20	0.000037	2.91	51122.85	2070.33	0.09
Restudy Reach	264987	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-8.91	28.07	3.53	28.20	0.000037	2.91	51122.85	2070.33	0.09
Restudy Reach	264493	Encroached 100 Y	Floodway Ana Existing	200000.00	-11.89	31.49	5.33	31.72	0.000056	3.85	53646.05	1704.56	0.12
Restudy Reach	264493	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-11.89	31.49	5.33	31.72	0.000056	3.85	53646.05	1704.56	0.12
Restudy Reach	264493	Encroached 10-Y	Floodway Ana Existing	138000.00	-11.89	28.04	3.45	28.18	0.000038	2.97	47860.98	1661.94	0.09
Restudy Reach	264493	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-11.89	28.04	3.45	28.18	0.000038	2.97	47860.98	1661.94	0.09
Restudy Reach	264191	Encroached 100 Y	Floodway Ana Existing	200000.00	-11.35	31.42	4.74	31.70	0.000065	4.22	48273.58	1442.79	0.13
Restudy Reach	264191	Encroached 100 Y	Floodway Analysis Proposed 7-2-2025	200000.00	-11.35	31.42	4.74	31.70	0.000065	4.22	48273.58	1442.79	0.13
Restudy Reach	264191	Encroached 10-Y	Floodway Ana Existing	138000.00	-11.35	28.00	2.65	28.16	0.000044	3.23	43364.85	1427.93	0.10
Restudy Reach	264191	Encroached 10-Y	Floodway Analysis Proposed 7-2-2025	138000.00	-11.35	28.00	2.65	28.16	0.000044	3.23	43364.85	1427.93	0.10

Appendix D

HEC-RAS Model Files

Appendix E

Electronic Copy of Hydraulic & Floodway Report

Appendix F

Floodplain Contingency Plan

STRUCTURES, DREDGING & FILL PERMIT APPLICATION
Riverfront Recapture, Inc. – Riverfront Land, Inc. Park and Cove
Hartford, Connecticut

May 2025

Flood Contingency Plan

General Description

This Flood Contingency Plan has been prepared for Riverfront Recapture, Inc. (Applicant) for the proposed construction activities associated with the Riverfront Land, Inc. Park and Cove Project. This Plan describes the measures to be taken during construction to help protect life and property, and prevent pollution during significant precipitation events. The proposed activities project area is prone to flooding.

The contact information in this Plan regarding emergency service agencies should be reviewed immediately prior to the onset of construction and updated as necessary. No provision will be made for post construction flooding since any changes to the flooding dynamics as a result of the proposed bridge installation and trail installation have been demonstrated by hydraulic modeling to be negligible. The proposed bridge is hydraulically adequate to pass the 100- and 500-year floods.

The actions outlined in this Flood Contingency Plan below shall be performed for any significant rainfall event that occurs during construction at the project site. For the purpose of this Plan, a "significant rainfall event" is defined as a storm in which more than 2.4 inches of rainfall may occur in a one-hour period (thunder showers), or more than 3.1 inches may fall in a 24 hour period (a storm with potential return period of at least 2 years).

Flood Contingency Procedures

The person responsible for implementing this Plan is the Contractor, who is responsible for oversight of construction activities at the site. The Contractor will be selected by Riverfront Recapture, Inc.

The Contractor shall use best efforts to notify the Owner of any impending significant rainfall event or any flooding event as soon as practicable and, if possible, no less than twenty four (24) hours before the onset of precipitation. The owner is:

Riverfront Recapture, Inc.
50 Columbus Boulevard, 1st Floor
Hartford, CT 06106
Contact: Marc Nicol (860) 713-3131x334; mnicol@riverfront.org
Michael Zaleski (860) 713-3131x331; mzaleski@riverfront.org

The Contractor shall then perform the following actions to minimize the potential for damage to downstream life and property, and/or pollution.

1. All construction equipment, tools, heavy equipment, vehicles, storage containers, etc. shall be relocated to upland storage areas or areas protected from flooding. Such areas, identified before the start of construction activities, shall be located outside of flood hazard areas, flood prone areas, and areas that may experience significant overland flow of water during precipitation events.

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2. All fuel and maintenance fluids shall be located to an upland storage area. If practicable, these fluids should be placed in an enclosed structure; at a minimum they shall be covered with tarps and placed in an upland storage area that is bermed to prevent run-on of surface water.
3. All work areas shall be inspected to ensure that items under construction (e.g., access roads) are stabilized. All practical measures shall be undertaken to protect active construction areas from rising water levels and to ensure that water diversion structures (i.e., sandbags, pumps, inlet and outlet structures) perform adequately.
4. All work areas and any stockpiles shall be inspected to ensure that erosion control measures are in place and in such condition as to allow their proper function during the rainfall event.
5. Access to all work areas shall be closed to the public and non-essential work personnel. Access points to areas under construction shall be barricaded and posted as being closed during construction.
6. In addition to notifying the Owner, the Contractor shall notify emergency service agencies if conditions are observed which may pose an imminent danger to downstream residents or property:
 - Local Fire and/or Police: Tel. 911
 - Connecticut Department of Energy and Environmental Protection Inland Water Resources Division Tel. (860) 424-3706

As soon as practicable after a significant rainfall event or severe storm, the site should be inspected for damage caused by flooding.