

**ΠΑΡΑΡΤΗΜΑ Γ: ΑΡΧΕΙΑ
ΠΡΟΕΙΔΟΠΟΙΗΣΕΩΝ ΚΑΙ ΣΗΜΕΙΩΣΕΩΝ
(WARNIGS AND NOTES)**

- Γ.1. ΠΕΡΙΟΔΟΣ ΕΠΑΝΑΦΟΡΑΣ $T=20$ ΕΤΗ
Γ.2. ΠΕΡΙΟΔΟΣ ΕΠΑΝΑΦΟΡΑΣ $T=100$ ΕΤΗ
Γ.3. ΠΕΡΙΟΔΟΣ ΕΠΑΝΑΦΟΡΑΣ $T=500$ ΕΤΗ

Ομαδοποίηση Προειδοποιήσεων	
Προειδοποίηση	Σχολιασμός - Αιτιολόγηση
The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.	Εμφανίζεται σε περιπτώσεις απότομης μεταβολής της ταχύτητας κυρίως στα ανάντη γεφυρών, οχετών και αναχωμάτων, αλλά και σε περιπτώσεις απότομης μεταβολής της μηκοτομικής κλίσης ή του πλάτους της κοίτης. Κρίθηκε ότι δεν απαιτείται περαιτέρω πυκνωση των διατομών στις θέσεις αυτές καθώς οι διατομές έχουν επιλεγεί με τρόπο ώστε οι μεταβολές μεταξύ τους να θεωρούνται σταθερές.
The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.	Εμφανίζεται πολύ συχνά σε περιπτώσεις όπου υπάρχουν σημαντικές μεταβολές στα αποτελέσματα της επίλυσης μεταξύ διαδοχικών διατομών. Στις περιοχές αυτές οι συνθήκες ροής θεωρούνται σταθερές και δεν κρίνεται απαραίτητη η προσθήκη επιπλέον διατομών.
Divided flow computed for this cross-section.	Εμφανίζεται σε περιπτώσεις όπου η ροή διαχωρίζεται είτε λόγω μικρών νησίδων είτε λόγω παράλληλης ροής στις παρόχθιες ζώνες. Στις θέσεις αυτές ελέγχθηκε αν απαιτείται να τοποθετηθεί σημείο αναχώματος και κρίθηκε ότι δεν απαιτείται.
The energy loss was greater than 1.0 ft (0.3 m) between the current and previous cross section. This may indicate the need for additional cross sections.	Εμφανίζεται πολύ συχνά σε περιπτώσεις όπου υπάρχουν σημαντικές μεταβολές στα αποτελέσματα της επίλυσης μεταξύ διαδοχικών διατομών. Στις περιοχές αυτές οι συνθήκες ροής θεωρούνται σταθερές και δεν κρίνεται απαραίτητη η προσθήκη επιπλέον διατομών.

Γ.1. ΠΕΡΙΟΔΟΣ ΕΠΑΝΑΦΟΡΑΣ $T=20$ ΕΤΗ

Errors Warnings and Notes for Plan : Unsteady020

Location: River: c04 Reach: c04_01 RS: 5908.936 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5885.715 Profile: Max WS
Culv: Culvert #1
Note: The flow in the culvert is entirely supercritical.

Location: River: c04 Reach: c04_01 RS: 5875.787 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 5868.524 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5861.046 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5853.298 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5845.364 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5836.439 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5827.791 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5819.487 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5796.834 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5789.445 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5756.415 Profile: Max WS
Culv: Culvert #1
Note: The flow in the culvert is entirely supercritical.

Location: River: c04 Reach: c04_01 RS: 5747.176 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5737.7 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5728.462 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5719.466 Profile: Max WS
Warning: Divided flow computed for this cross-section.

c04_T020.txt

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5710.638 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5702.954 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5694.222 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5685.105 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5675.253 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5665.769 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5656.98 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5648.714 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5619.856 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5610.931 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5600.667 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5591 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5582.501 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5575.57 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5566.522 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5557.313 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5547.925 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5538.494 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5528.91 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5520.622 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5512.517 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5504.946 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5497.334 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

c04_T020.txt

additional cross sections.
Location: River: c04 Reach: c04_01 RS: 5488.44 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 5479.807 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 5469.241 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 5458.733 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 5443.915 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.
Location: River: c04 Reach: c04_01 RS: 5435.078 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 5424.497 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 5416.446 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 5408.375 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 5399.15 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 5380.912 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 5373.515 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 5340.022 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 5331.825 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

c04_T020.txt

sections.

Location: River: c04 Reach: c04_01 RS: 5323.679 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 5315.511 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

was used.

Location: River: c04 Reach: c04_01 RS: 5307.485 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

was used.

Location: River: c04 Reach: c04_01 RS: 5300.308 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 5293.192 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 5286.007 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

was used.

Location: River: c04 Reach: c04_01 RS: 5278.462 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5271.527 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

was used.

Location: River: c04 Reach: c04_01 RS: 5263.764 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5253.074 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 5233.327 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5223.767 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5196.334 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

c04_T020.txt

sections.

Location: River: c04 Reach: c04_01 RS: 5186.6 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5157.098 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5147.272 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5138.243 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5102.601 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5053.966 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 5029.408 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 5020.318 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 5013.492 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 5006.705 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4989.564 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4983.084 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 4909.177 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 4830.483 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4802.887 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 4793.596 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4754.331 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream

conveyance) is less than 0.7
or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4718.422 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4671.317 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4664.061 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4643.131 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4635.865 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4628.763 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4620.433 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4613.284 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4605.735 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4597.183 Profile: Max WS

c04_T020.txt

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4583.873 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4565.351 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4558.591 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4550.732 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4542.731 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4534.842 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4526.425 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4517.965 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4510.044 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4502.642 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4498.239 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4491.176 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4482.073 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4431.814 Profile: Max WS

c04_T020.txt

Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4416.827 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4381.48 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4364.239 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4355.382 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4347.144 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4338.909 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4313.857 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4294.513 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4275.241 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4265.812 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4256.488 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4237.944 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4220.072 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4211.178 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4202.575 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4194.354 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4186.204 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4169.511 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4153.021 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4143.436 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4134.146 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4108.916 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4100.837 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4077.499 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4070.704 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4063.423 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4057.779 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4051.948 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4028.927 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4021.461 Profile: Max WS

c04_T020.txt

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4007.01 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4000.179 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3990.792 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3981.557 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3972.583 Profile: Max WS

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3962.33 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3952.353 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3879.531 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3869.72 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3859.836 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream

conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3849.871 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3820.091 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3810.452 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3800.807 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3791.162 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3695.516 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3685.903 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3680.706 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3661.235 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3614.429 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3604.976 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

c04_T020.txt

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3595.571 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3557.228 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3550.063 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3540.737 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3503.728 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3495.469 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3462.723 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3454.819 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3446.873 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3440.677 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3421.329 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3419.338 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3404.907 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 3375.382 Profile: Max WS

Upstream

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 3375.382 Profile: Max WS
Downstream

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 3355.311 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3345.163 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3334.546 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3323.915 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 3289.088 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 3279.968 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3247.878 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 3196.383 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 3179.857 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3173.264 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 3134.323 Profile: Max WS

c04_T020.txt

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3119.887 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3105.657 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3090.835 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3006.644 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2937.749 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2929.917 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2926.727 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2919.089 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2891.551 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2883.045 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2874.524 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2865.986 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2857.433 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2847.807 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2838.126 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2828.402 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2818.635 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2808.826 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: Divided flow computed for this cross-section.

c04_T020.txt

Location: River: c04 Reach: c04_01 RS: 2799.073 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2789.468 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2779.978 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2771.11 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2708.453 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2664.371 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2656.253 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2649.175 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2643.793 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2638.208 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2632.675 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2624.016 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2616.715 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2609.083 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2602.47 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2594.68 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2588.704 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2571.063 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 2543.696 Profile: Max WS

Upstream

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 2543.696 Profile: Max WS

Downstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 2508.053 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2466.399 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2457.297 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream

conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2448.274 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2439.814 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2430.949 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2421.937 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2412.429 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2403.072 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2380.393 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2370.425 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2361.797 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

was used.

Location: River: c04 Reach: c04_01 RS: 2354.183 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

was used.

Location: River: c04 Reach: c04_01 RS: 2344.79 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

was used.

Location: River: c04 Reach: c04_01 RS: 2335.923 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

was used.

Location: River: c04 Reach: c04_01 RS: 2327.225 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2318.649 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2310.4 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2302.427 Profile: Max WS

Warning: Divided flow computed for this cross-section.

c04_T020.txt

Location: River: c04 Reach: c04_01 RS: 2294.972 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2288.042 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2263.468 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2248.71 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2238.32 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2217.091 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2164.565 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2145.981 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2138.366 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2128.86 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2118.865 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2112.506 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2106.304 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2101.034 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

c04_T020.txt

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2090.203 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2084.052 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2065.369 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2059.555 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2053.618 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2048.446 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2043.059 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2036.833 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2030.762 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2024.995 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2018.725 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1987.401 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1977.859 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1953.787 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1946.475 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1936.715 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1842.757 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1829.448 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1820.954 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

c04_T020.txt

Location: River: c04 Reach: c04_01 RS: 1813.255 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1786.475 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1722.863 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1709.279 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1687.325 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1676.923 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1670.93 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1664.857 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1641.549 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1617.894 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1470.676 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1458.459 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1424.906 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1416.218 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1407.413 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1394.403 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1385.704 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

c04_T020.txt

Location: River: c04 Reach: c04_01 RS: 1380.265 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1372.182 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1364.116 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1356.068 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1348.032 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1320.279 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1310.998 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1300.93 Profile: Max WS
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1291.417 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1281.13 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1271.339 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1261.904 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1246.187 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1236.362 Profile: Max WS

c04_T020.txt

Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1227.278 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1219.005 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1201.05 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1181.222 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1171.579 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1144.098 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1135.446 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1127.217 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1118.919 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1110.465 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1101.792 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1091.975 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1061.64 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1037.2 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1027.027 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1006.84 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 953.1542 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 897.1331 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 837.0203 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 797.6135 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 778.6052 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 776.0903 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 772.9808 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream

conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 767.5627 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 760.6247 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 752.916 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 743.4122 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 724.0876 Profile: Max WS

Warning: Pier drag coefficient of 2.0 assumed for Class B flow.

Note: Momentum answer is not valid if the water surface is above the low chord or if there is weir flow. The momentum answer has been disregarded.

Note: The downstream water surface is below the minimum elevation for pressure flow. The sluice gate equations were used for pressure flow.

Location: River: c04 Reach: c04_01 RS: 724.0876 Profile: Max WS

Upstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 724.0876 Profile: Max WS

Downstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 700.9808 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 683.5825 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 674.8699 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 665.2458 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 631.8146 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 623.1107 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 614.287 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 605.4813 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

c04_T020.txt

Location: River: c04 Reach: c04_01 RS: 597.0959 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 588.7498 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 580.6528 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 572.658 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 564.5325 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 556.3953 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 547.1866 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 537.7642 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 527.8953 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 519.8442 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 512.2245 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 504.8967 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 495.4984 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 486.0151 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 476.5905 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 467.2307 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 457.9404 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 448.7242 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 404.3676 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 396.3163 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 388.1122 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 379.8456 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 371.4448 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

c04_T020.txt

was used.

Location: River: c04 Reach: c04_01 RS: 363.1612 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 354.8866 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 319.5986 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 311.6534 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 284.096 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 274.2203 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 267.2491 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 261.6568 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 248.6128 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 226.5157 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 218.3779 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 210.9854 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 204.7593 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 198.583 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 194.2112 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 187.5939 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 157.3668 Profile: Max WS

Upstream

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water

c04_T020.txt

surface was used.

Location: River: c04 Reach: c04_01 RS: 157.3668 Profile: Max WS
Downstream

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 130.4601 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 113.6822 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 105.5961 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 97.68496 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 89.85545 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 80.60821 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 71.33373 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 62.11056 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 52.93414 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 43.78342 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 34.63047 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Γ.2. ΠΕΡΙΟΔΟΣ ΕΠΑΝΑΦΟΡΑΣ $T=100$ ΕΤΗ

Errors Warnings and Notes for Plan : Unsteady100

Location: River: c04 Reach: c04_01 RS: 5908.936 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5885.715 Profile: Max WS
Culv: Culvert #1
Note: The flow in the culvert is entirely supercritical.

Location: River: c04 Reach: c04_01 RS: 5875.787 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 5845.364 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5747.176 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5737.7 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5728.462 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5719.466 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5702.954 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5656.98 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5648.714 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5639.145 Profile: Max WS
Warning: Divided flow computed for this cross-section.

c04_T100.txt

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5628.988 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5619.856 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5600.667 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5575.57 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5566.522 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5557.313 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5547.925 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5538.494 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5479.807 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5458.733 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5443.915 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 5435.078 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5380.912 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5340.022 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5331.825 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5307.485 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

c04_T100.txt

Location: River: c04 Reach: c04_01 RS: 5300.308 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5293.192 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5286.007 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5278.462 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5271.527 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5263.764 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5253.074 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5205.12 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5077.603 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5029.408 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5020.318 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5013.492 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

c04_T100.txt

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5006.705 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4994.776 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4983.084 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4909.177 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4830.483 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4802.887 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4772.409 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4754.331 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4709.951 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4671.317 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4664.061 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4657.12 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4650.141 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4635.865 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4628.763 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

c04_T100.txt

sections.

Location: River: c04 Reach: c04_01 RS: 4620.433 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4613.284 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4605.735 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4597.183 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4589.913 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4583.873 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4578.237 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4572.182 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4565.351 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4550.732 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4542.731 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4534.842 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4526.425 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

c04_T100.txt

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4517.965 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4510.044 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4502.642 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4498.239 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4347.144 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4313.857 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4265.812 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4256.488 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4237.944 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4220.072 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4186.204 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

c04_T100.txt

sections.

Location: River: c04 Reach: c04_01 RS: 4169.511 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 4161.231 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4153.021 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 4143.436 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 4134.146 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4125.147 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4117.022 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4108.916 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 4100.837 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4087.44 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 4063.423 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4057.779 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may

indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4051.948 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4000.179 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3990.792 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3981.557 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3972.583 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3962.33 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3952.353 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3859.836 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream

conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3820.091 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3810.452 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3791.162 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3685.903 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3680.706 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3675.503 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3668.384 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3661.235 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3651.773 Profile: Max WS

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3623.81 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3604.976 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

c04_T100.txt

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3550.063 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3446.873 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3440.677 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3421.329 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3419.338 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3416.538 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3413.199 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3409.839 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3404.907 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 3375.382 Profile: Max WS

Note: The downstream water surface is above the minimum elevation required for orifice flow. The orifice flow equation was used for pressure flow.

Location: River: c04 Reach: c04_01 RS: 3375.382 Profile: Max WS

Upstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Note: For the cross section inside the bridge at the upstream end, the water surface and energy have been

projected from the upstream cross section. The selected bridge modeling method does not compute

answers inside the bridge.

Location: River: c04 Reach: c04_01 RS: 3375.382 Profile: Max WS

Downstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Note: For the cross section inside the bridge at the downstream end, the water surface and energy have

been projected from the downstream cross section. The selected bridge modeling method does not

compute answers inside the bridge.

Location: River: c04 Reach: c04_01 RS: 3355.311 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3345.163 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

c04_T100.txt

was used.
Location: River: c04 Reach: c04_01 RS: 3334.546 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 3323.915 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 3298.186 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 3289.088 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 3279.968 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 3270.868 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 3263.296 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 3255.636 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 3247.878 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 3240.005 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 3196.383 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 3186.754 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 3173.264 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 3155.565 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 3141.412 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

c04_T100.txt

Location: River: c04 Reach: c04_01 RS: 3134.323 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3119.887 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3112.547 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3105.657 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3098.937 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3090.835 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3060.11 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3051.727 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3042.28 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3034.237 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3028.645 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2989.109 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2937.749 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2929.917 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2926.727 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2919.089 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2908.352 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2899.974 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2891.551 Profile: Max WS

Warning: Divided flow computed for this cross-section.

c04_T100.txt

Location: River: c04 Reach: c04_01 RS: 2883.045 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2874.524 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2865.986 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2857.433 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2838.126 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2828.402 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2818.635 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2808.826 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2799.073 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2789.468 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2779.978 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2771.11 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2762.007 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2752.942 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2743.797 Profile: Max WS

c04_T100.txt

Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2656.253 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2649.175 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2643.793 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2638.208 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2632.675 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2624.016 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2616.715 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2609.083 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2602.47 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2578.899 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2571.063 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 2543.696 Profile: Max WS Upstream

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 2543.696 Profile: Max WS Downstream

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 2508.053 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2487.542 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2476.633 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2466.399 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2457.297 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2448.274 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2439.814 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2430.949 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2421.937 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

c04_T100.txt

Location: River: c04 Reach: c04_01 RS: 2412.429 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2403.072 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2380.393 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.
Location: River: c04 Reach: c04_01 RS: 2370.425 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2361.797 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2354.183 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2344.79 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2335.923 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2327.225 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2302.427 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2294.972 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2288.042 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2270.546 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2263.468 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2248.71 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2238.32 Profile: Max WS
Warning: Divided flow computed for this cross-section.

c04_T100.txt

Location: River: c04 Reach: c04_01 RS: 2200.067 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2189.364 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2179.977 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2173.223 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2164.565 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2153.234 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2145.981 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2138.366 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2128.86 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2118.865 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2112.506 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2106.304 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2101.034 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2095.712 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2090.203 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2084.052 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2074.056 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

c04_T100.txt

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2065.369 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2059.555 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2053.618 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2048.446 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2043.059 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2036.833 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1927.875 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1921.189 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1914.505 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1907.77 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1900.731 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1894.557 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1888.414 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1882.681 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1849.649 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1820.954 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1813.255 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1805.49 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

c04_T100.txt

Location: River: c04 Reach: c04_01 RS: 1795.611 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1786.475 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1778.801 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1770.805 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1762.891 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1740.185 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1722.863 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1641.549 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1636.31 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1617.894 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1590.27 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1573.352 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1564.906 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1556.437 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1546.923 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1537.459 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1527.993 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1510.998 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1424.906 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1416.218 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1407.413 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1394.403 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1380.265 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1372.182 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1364.116 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1356.068 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1348.032 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1338.817 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1328.98 Profile: Max WS
Warning: Divided flow computed for this cross-section.

c04_T100.txt

Location: River: c04 Reach: c04_01 RS: 1320.279 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1310.998 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1300.93 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1291.417 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1281.13 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1271.339 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1246.187 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1236.362 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1227.278 Profile: Max WS
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1219.005 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1210.208 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1201.05 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1191.411 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1181.222 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1144.098 Profile: Max WS

c04_T100.txt

Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1135.446 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1127.217 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1118.919 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1110.465 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1101.792 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1082.19 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1027.027 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1016.901 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1006.84 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 997.2142 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 980.136 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 971.8196 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 953.1542 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 941.6969 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 929.6183 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 837.0203 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 797.6135 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 787.8547 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 772.9808 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 767.5627 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 760.6247 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 752.916 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 743.4122 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical

depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 724.0876 Profile: Max WS
 Note: The downstream water surface is above the minimum elevation required for orifice flow. The orifice flow equation was used for pressure flow.

Location: River: c04 Reach: c04_01 RS: 724.0876 Profile: Max WS
 Upstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Note: For the cross section inside the bridge at the upstream end, the water surface and energy have been projected from the upstream cross section. The selected bridge modeling method does not compute answers inside the bridge.

Location: River: c04 Reach: c04_01 RS: 724.0876 Profile: Max WS
 Downstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Note: For the cross section inside the bridge at the downstream end, the water surface is based on critical depth over the weir. The energy has been projected.

Location: River: c04 Reach: c04_01 RS: 700.9808 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 692.2866 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 683.5825 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 674.8699 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 665.2458 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 656.3139 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 648.6721 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 640.3059 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 631.8146 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 623.1107 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 614.287 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 605.4813 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 597.0959 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 588.7498 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 572.658 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 564.5325 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 556.3953 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 519.8442 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 504.8967 Profile: Max WS

c04_T100.txt

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 486.0151 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 476.5905 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 467.2307 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 457.9404 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 448.7242 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 440.3017 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 431.6393 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 413.5979 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 404.3676 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 396.3163 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 363.1612 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

c04_T100.txt

Location: River: c04 Reach: c04_01 RS: 354.8866 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 346.4603 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 336.8387 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 327.5312 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 311.6534 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 274.2203 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7
or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 267.2491 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 261.6568 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 256.149 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 248.6128 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 241.4185 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 226.5157 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 218.3779 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 210.9854 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 198.583 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 187.5939 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7
or greater than 1.4. This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.
Location: River: c04 Reach: c04_01 RS: 157.3668 Profile: Max WS
Upstream
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7
or greater than 1.4. This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.
Location: River: c04 Reach: c04_01 RS: 157.3668 Profile: Max WS
Downstream
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7
or greater than 1.4. This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water

c04_T100.txt

surface was used.
Location: River: c04 Reach: c04_01 RS: 97.68496 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 89.85545 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 80.60821 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 43.78342 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 34.63047 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 25.52754 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Γ.3. ΠΕΡΙΟΔΟΣ ΕΠΑΝΑΦΟΡΑΣ $T=500$ ΕΤΗ

Errors Warnings and Notes for Plan : Unsteady500

Location: River: c04 Reach: c04_01 RS: 5885.715 Profile: Max WS
 Culv: Culvert #1

Note: The flow in the culvert is entirely supercritical.

Location: River: c04 Reach: c04_01 RS: 5875.787 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 5845.364 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5803.892 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5747.176 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5737.7 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5728.462 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5719.466 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5702.954 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5656.98 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5648.714 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5639.145 Profile: Max WS

Warning: Divided flow computed for this cross-section.

c04_T500.txt

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5628.988 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5619.856 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5600.667 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5575.57 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5566.522 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5547.925 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5538.494 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5479.807 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5458.733 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5443.915 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 5399.15 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5380.912 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 5340.022 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5331.825 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5307.485 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 5300.308 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 5293.192 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

was used.
Location: River: c04 Reach: c04_01 RS: 5286.007 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 5278.462 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 5271.527 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 5263.764 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 5253.074 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 5205.12 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 5120.344 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 5085.711 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 5029.408 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 5013.492 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 5006.705 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4989.564 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4983.084 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4975.556 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4909.177 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream

conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4830.483 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4820.855 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4802.887 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4793.596 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4763.494 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4754.331 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4718.422 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4709.951 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4671.317 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4664.061 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4657.12 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4650.141 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4628.763 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4620.433 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

was used.

Location: River: c04 Reach: c04_01 RS: 4613.284 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4605.735 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4597.183 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4589.913 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4583.873 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4578.237 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4572.182 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4565.351 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4550.732 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4542.731 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4534.842 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4526.425 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4517.965 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

c04_T500.txt

Location: River: c04 Reach: c04_01 RS: 4510.044 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4502.642 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4498.239 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4448.081 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4424.28 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4322.196 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4294.513 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4265.812 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4256.488 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4247.207 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4237.944 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4228.987 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4220.072 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4194.354 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 4169.511 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4153.021 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 4143.436 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may

indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4125.147 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4117.022 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 4108.916 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4100.837 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 4094.198 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4087.44 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4063.423 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4057.779 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4051.948 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream

conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 4000.179 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3990.792 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3981.557 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3972.583 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3962.33 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3952.353 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3859.836 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

c04_T500.txt

Location: River: c04 Reach: c04_01 RS: 3820.091 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3810.452 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3685.903 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3680.706 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3675.503 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3668.384 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3661.235 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3651.773 Profile: Max WS
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3623.81 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3604.976 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3550.063 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3462.723 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3454.819 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3440.677 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3421.329 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3419.338 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3416.538 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3413.199 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3409.839 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3404.907 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 3375.382 Profile: Max WS
Note: The downstream water surface is above the minimum elevation required for orifice flow. The orifice flow equation was used for pressure flow.

Location: River: c04 Reach: c04_01 RS: 3375.382 Profile: Max WS
Upstream
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Note: For the cross section inside the bridge at the upstream end, the water surface and energy have been projected from the upstream cross section. The selected bridge modeling method does not compute answers inside the bridge.

Location: River: c04 Reach: c04_01 RS: 3375.382 Profile: Max WS
Downstream
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Note: For the cross section inside the bridge at the downstream end, the water surface is based on critical depth over the weir. The energy has been projected.

Location: River: c04 Reach: c04_01 RS: 3355.311 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3345.163 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3334.546 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

c04_T500.txt

was used.

Location: River: c04 Reach: c04_01 RS: 3323.915 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3314.928 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3289.088 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7
or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3270.868 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3263.296 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3255.636 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3247.878 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7
or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3212.244 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3205.224 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3186.754 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3179.857 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3173.264 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7
or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3164.312 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3155.565 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3149.004 Profile: Max WS
Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3141.412 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3134.323 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3126.618 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3119.887 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 3112.547 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3105.657 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 3098.937 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3074.083 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3042.28 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 3028.645 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2989.109 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2937.749 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2929.917 Profile: Max WS

Warning: Divided flow computed for this cross-section.

c04_T500.txt

Location: River: c04 Reach: c04_01 RS: 2926.727 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2919.089 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2908.352 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2899.974 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2891.551 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2883.045 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2874.524 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2865.986 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2857.433 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2838.126 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2828.402 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2818.635 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 2808.826 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2799.073 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 2789.468 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2779.978 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 2771.11 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

c04_T500.txt

additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2762.007 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2752.942 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2743.797 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2690.806 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2673.094 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2664.371 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2649.175 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2643.793 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2638.208 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2632.675 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2624.016 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2616.715 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2609.083 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2602.47 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2571.063 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 2543.696 Profile: Max WS

Upstream

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 2543.696 Profile: Max WS

Downstream

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 2508.053 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2487.542 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2476.633 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2466.399 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2457.297 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2448.274 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2439.814 Profile: Max WS

c04_T500.txt

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2430.949 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2421.937 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2403.072 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 2380.393 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 2370.425 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2361.797 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2354.183 Profile: Max WS

c04_T500.txt

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2344.79 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2335.923 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2327.225 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2294.972 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2288.042 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2279.547 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2270.546 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2263.468 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2258.122 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2248.71 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 2164.565 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2153.234 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2145.981 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2138.366 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2128.86 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2118.865 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2112.506 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2106.304 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2101.034 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 2095.712 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical

depth with the lowest, valid, energy
was used.

Location: River: c04 Reach: c04_01 RS: 2090.203 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may
indicate the need for
additional cross sections.

Note: Multiple critical depths were found at this location. The critical
depth with the lowest, valid, energy
was used.

Location: River: c04 Reach: c04_01 RS: 2084.052 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical
depth with the lowest, valid, energy
was used.

Location: River: c04 Reach: c04_01 RS: 2074.056 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may
indicate the need for
additional cross sections.

Note: Multiple critical depths were found at this location. The critical
depth with the lowest, valid, energy
was used.

Location: River: c04 Reach: c04_01 RS: 2065.369 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may
indicate the need for
additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current
and previous cross section.

This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical
depth with the lowest, valid, energy
was used.

Location: River: c04 Reach: c04_01 RS: 2059.555 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may
indicate the need for
additional cross sections.

Note: Multiple critical depths were found at this location. The critical
depth with the lowest, valid, energy
was used.

Location: River: c04 Reach: c04_01 RS: 2053.618 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical
depth with the lowest, valid, energy
was used.

Location: River: c04 Reach: c04_01 RS: 2048.446 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical
depth with the lowest, valid, energy
was used.

Location: River: c04 Reach: c04_01 RS: 2043.059 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical
depth with the lowest, valid, energy
was used.

Location: River: c04 Reach: c04_01 RS: 2036.833 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may
indicate the need for
additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1900.731 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream
conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross
sections.

Location: River: c04 Reach: c04_01 RS: 1894.557 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1869.556 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1862.556 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1820.954 Profile: Max WS

c04_T500.txt

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1813.255 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1805.49 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 1786.475 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1778.801 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1770.805 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1722.863 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 1641.549 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross

sections.
Location: River: c04 Reach: c04_01 RS: 1636.31 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1617.894 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1590.27 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1581.8 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1573.352 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1564.906 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1556.437 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1546.923 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1537.459 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1527.993 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1442.07 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1433.716 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1424.906 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1416.218 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1407.413 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1394.403 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1385.704 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 1380.265 Profile: Max WS

c04_T500.txt

Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1338.817 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1320.279 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1310.998 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1300.93 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1291.417 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1281.13 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1271.339 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1246.187 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 1236.362 Profile: Max WS
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1227.278 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.
Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
This may indicate the need for additional cross sections.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy

c04_T500.txt

was used.
Location: River: c04 Reach: c04_01 RS: 1219.005 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1210.208 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.
Location: River: c04 Reach: c04_01 RS: 1201.05 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1191.411 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1181.222 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1171.579 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1161.817 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1144.098 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1135.446 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1127.217 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1118.919 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1110.465 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1101.792 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1071.565 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1061.64 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1043.748 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1037.2 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1016.901 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 1006.84 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 997.2142 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 988.2714 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 980.136 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 971.8196 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 837.0203 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 815.8441 Profile: Max WS
Warning: Divided flow computed for this cross-section.
Location: River: c04 Reach: c04_01 RS: 797.6135 Profile: Max WS
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.
Location: River: c04 Reach: c04_01 RS: 787.8547 Profile: Max WS
Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may

indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 776.0903 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 772.9808 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 767.5627 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 760.6247 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 752.916 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 743.4122 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 724.0876 Profile: Max WS

Note: The downstream water surface is above the minimum elevation required for orifice flow. The orifice flow equation was used for pressure flow.

Location: River: c04 Reach: c04_01 RS: 724.0876 Profile: Max WS

Upstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Note: For the cross section inside the bridge at the upstream end, the water surface and energy have been projected from the upstream cross section. The selected bridge modeling method does not compute answers inside the bridge.

Location: River: c04 Reach: c04_01 RS: 724.0876 Profile: Max WS

Downstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Note: For the cross section inside the bridge at the downstream end, the water surface and energy are based on critical depth over the weir.

Location: River: c04 Reach: c04_01 RS: 700.9808 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross sections.

Location: River: c04 Reach: c04_01 RS: 692.2866 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 683.5825 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 674.8699 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 665.2458 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 656.3139 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 648.6721 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 640.3059 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 631.8146 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 623.1107 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 614.287 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 605.4813 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 597.0959 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 588.7498 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 572.658 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 564.5325 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 556.3953 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 547.1866 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 537.7642 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Location: River: c04 Reach: c04_01 RS: 527.8953 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 504.8967 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Location: River: c04 Reach: c04_01 RS: 495.4984 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 486.0151 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 476.5905 Profile: Max WS

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 467.2307 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 457.9404 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for

additional cross sections.

c04_T500.txt

Location: River: c04 Reach: c04_01 RS: 448.7242 Profile: Max WS
 Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 440.3017 Profile: Max WS
 Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 431.6393 Profile: Max WS
 Warning: Divided flow computed for this cross-section.
 Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 422.7309 Profile: Max WS
 Warning: Divided flow computed for this cross-section.
 Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 413.5979 Profile: Max WS
 Warning: Divided flow computed for this cross-section.
 Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The energy loss was greater than 1.0 ft (0.3 m). between the current and previous cross section.
 This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 404.3676 Profile: Max WS
 Warning: Divided flow computed for this cross-section.
 Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 396.3163 Profile: Max WS
 Warning: Divided flow computed for this cross-section.
 Warning: The velocity head has changed by more than 0.5 ft (0.15 m). This may indicate the need for additional cross sections.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, energy was used.

Location: River: c04 Reach: c04_01 RS: 363.1612 Profile: Max WS
 Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 354.8866 Profile: Max WS
 Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 336.8387 Profile: Max WS
 Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 311.6534 Profile: Max WS
 Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 303.8238 Profile: Max WS
 Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 293.8178 Profile: Max WS
 Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 284.096 Profile: Max WS
 Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 274.2203 Profile: Max WS
 Warning: Divided flow computed for this cross-section.
 Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7 or greater than 1.4. This may indicate the need for additional cross sections.

c04_T500.txt

sections.

Location: River: c04 Reach: c04_01 RS: 267.2491 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 261.6568 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 256.149 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 248.6128 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 241.4185 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 233.536 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 226.5157 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 218.3779 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Location: River: c04 Reach: c04_01 RS: 198.583 Profile: Max WS

Warning: Divided flow computed for this cross-section.

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 194.2112 Profile: Max WS

Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than 0.7

or greater than 1.4. This may indicate the need for additional cross

sections.

Location: River: c04 Reach: c04_01 RS: 187.5939 Profile: Max WS

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 157.3668 Profile: Max WS

Note: The downstream water surface is below the minimum elevation for pressure flow. The sluice gate equations were used for pressure flow.

Location: River: c04 Reach: c04_01 RS: 157.3668 Profile: Max WS

Upstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 157.3668 Profile: Max WS

Downstream

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

Location: River: c04 Reach: c04_01 RS: 80.60821 Profile: Max WS

Warning: Divided flow computed for this cross-section.