

Updated Model - Bridges Input

Name: L-A030B1
Group: RR

From Node: N-A030
To Node: N-A020

Flow: Both
Run WSPRO: No

XSEC TYPE	NAME	INV(ft)	STAT(ft)	SKEW(deg)	EXPAN	CONTRAC
Exit	X-A020-1	-4.200	0.00	0.000	0.500	0.300
Full Valley	X-A020-1	-4.200	100.00	0.000	0.500	0.300
Approach	X-A040-2	-4.200	230.00	0.000	0.500	0.300
Roadway	X-A030-2	6.600	100.00	0.000		

Road Surface Material: Gravel
Road Embankment Top Width(ft): 30.00
Road Unsubmerged Weir Q Coef: 0.000

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RATING CURVE CONTROL

TW(ft)	QMin(cfs)	QMax(cfs)	QInc(cfs)
0.000	0.000	1600.000	200.000
2.000	0.000	1600.000	200.000
3.000	0.000	1600.000	200.000
4.000	0.000	1600.000	200.000
5.000	0.000	1600.000	200.000
6.000	0.000	1600.000	200.000
7.000	0.000	1600.000	200.000

*** Opening 1 of 1 for Bridge L-A030B1 ***

Opening Type: Sloping Embankments, Sloping Spillthrough Abutments

XSec: X-A030-1	SPUR DIKE
Invert(ft): -4.200	Type: Elliptical
Station(ft): 100.000	XSec:
Skew(deg): 0.000	Invert(ft): 0.000
Expan: 0.500	Station(ft): 0.000
Contrac: 0.000	Skew(deg): 0.000
Total Width(ft): 30.000	Expan: 0.500
Orifice Disc Coef: 0.600	Contrac: 0.000
Low Chord Elev(ft): 6.950	
Embankment Sd Slp(h/v): 2.00	
Embankment Elev(ft): 6.600	

PILE DATA

Elev(ft)	Width(ft)
-4.000	3.000
7.000	3.000

Name: L-B020B1
Group: HH

From Node: N-B020
To Node: N-B010

Flow: Positive
Run WSPRO: No

XSEC TYPE	NAME	INV(ft)	STAT(ft)	SKEW(deg)	EXPAN	CONTRAC
Exit	X-B010DS	1.500	0.00	0.000	0.300	0.100
Full Valley	X-B020BR1	1.500	60.00	0.000	0.500	0.300
Approach	X-B020US	1.500	155.00	0.000	0.500	0.300
Roadway		0.000	0.00	0.000		

Road Surface Material: Gravel
Road Embankment Top Width(ft): 85.00
Road Unsubmerged Weir Q Coef: 0.000

BEEES FERRY Bridge Updated. Bridge edited to match Transystem bridge. 2 bridges used to model tidal influence a

RATING CURVE CONTROL

TW(ft)	QMin(cfs)	QMax(cfs)	QInc(cfs)
2.000	0.000	100.000	25.000
2.500	0.000	100.000	25.000
3.500	0.000	100.000	25.000
4.000	0.000	450.000	50.000
4.500	0.000	500.000	50.000

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5.000	0.000	700.000	50.000
5.500	0.000	750.000	50.000
6.000	0.000	1500.000	50.000
6.500	0.000	1500.000	50.000
7.000	0.000	1500.000	50.000
7.500	0.000	1500.000	50.000
8.000	0.000	1600.000	50.000
8.500	0.000	1600.000	50.000
9.000	0.000	2500.000	50.000
9.500	0.000	2500.000	50.000
10.000	0.000	2500.000	50.000
10.260	700.000	2500.000	50.000

*** Opening 1 of 1 for Bridge L-B020B1 ***

Opening Type: Sloping Embankments, Vertical Abutments, w/o Wingwalls

XSec: X-B020BR	SPUR DIKE
Invert(ft): 1.500	Type: Straight
Station(ft): 70.000	XSec:
Skew(deg): 0.000	Invert(ft): 0.000
Expan: 0.500	Station(ft): 0.000
Contrac: 0.300	Skew(deg): 0.000
Total Width(ft): 85.000	Expan: 0.500
Orifice Disc Coef: 0.000	Contrac: 0.000
Low Chord Elev(ft): 10.260	
Embankment Sd Slp(h/v): 2.00	
Embankment Elev(ft): 12.000	
Left Toe Elev(ft): 6.000	
Right Toe Elev(ft): 6.000	

PILE DATA

Elev(ft)	Width(ft)
1.500	2.000
10.260	2.000
10.260	0.000

Name: L-B020B2
Group: HH

From Node: N-B010
To Node: N-B020

Flow: Positive
Run WSPRO: No

XSEC TYPE	NAME	INV(ft)	STAT(ft)	SKEW(deg)	EXPAN	CONTRAC
Exit	X-B020US	1.500	0.00	0.000	0.300	0.100
Full Valley	X-B020BR2	1.500	60.00	0.000	0.500	0.300
Approach	X-B010DS	1.500	155.00	0.000	0.500	0.000
Roadway		0.000	0.00	0.000		

Road Surface Material: Gravel
Road Embankment Top Width(ft): 85.00
Road Unsubmerged Weir Q Coef: 0.000

Bridge edited to match Transystem bridge. 2 bridges used to model tidal influence as recommended by icpr help.

RATING CURVE CONTROL

TW(ft)	QMin(cfs)	QMax(cfs)	QInc(cfs)
2.000	0.000	100.000	25.000
2.500	0.000	100.000	25.000
3.500	0.000	100.000	25.000
4.000	0.000	450.000	50.000
4.500	0.000	500.000	50.000
5.000	0.000	700.000	50.000
5.500	0.000	750.000	50.000
6.000	0.000	1500.000	50.000
6.500	0.000	1500.000	50.000
7.000	0.000	1500.000	50.000
7.500	0.000	1500.000	50.000
8.000	0.000	1600.000	50.000
8.500	0.000	2500.000	50.000
9.000	0.000	2500.000	50.000
9.500	0.000	2500.000	50.000

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10.000	0.000	2500.000	50.000
10.260	700.000	2500.000	50.000

*** Opening 1 of 1 for Bridge L-B020B2 ***

Opening Type: Sloping Embankments, Vertical Abutments, w/o Wingwalls

XSec: X-B020BR	SPUR DIKE
Invert(ft): 1.500	Type: Straight
Station(ft): 70.000	XSec:
Skew(deg): 0.000	Invert(ft): 0.000
Expan: 0.500	Station(ft): 0.000
Contrac: 0.300	Skew(deg): 0.000
Total Width(ft): 85.000	Expan: 0.500
Orifice Disc Coef: 0.000	Contrac: 0.000
Low Chord Elev(ft): 10.260	
Embankment Sd Slp(h/v): 2.00	
Embankment Elev(ft): 12.000	
Left Toe Elev(ft): 6.000	
Right Toe Elev(ft): 6.000	

PILE DATA

Elev(ft)	Width(ft)
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1.500	2.000
10.260	2.000
10.260	0.000