APPENDIX E

Hydraulic Analysis Memorandum

3544 UNIVERSITY AVENUE
RIVERSIDE, CALIFORNIA 92501
T 951.300.2100 F 951.300.2105

MEMORANDUM

To:	Internal for Administrative Record
From:	Michael Perry, County of San Bernardino Department of Public Works
Subject:	Methods and Results of San Bernardino County Master Storm Water System Maintenance Program Hydraulic Analysis
Date:	November 9, 2018
cc:	
Attachments:	A. Hydraulic Analysis List of Facilities B. Hydraulic Modeling Figures C. HEC-RAS Results

The San Bernardino County Flood Control District (District) is proposing the implementation of the San Bernardino County Master Storm Water System Maintenance Program (proposed program), which includes the preparation and implementation of a Maintenance Plan. The Maintenance Plan provides guidance for the implementation of maintenance activities within the District's maintained flood control facilities in the County of San Bernardino (County). In the course of developing the Maintenance Plan, the District undertook a comprehensive review of maintenance requirements throughout its system to develop the maintenance requirements for each facility. As part of this process, the District completed a hydraulic analysis of major waterways to inform maintenance requirements for those facilities. This memorandum documents the goals, methodology, and results of this analysis.

Methods

Hydraulic modeling was conducted using the County LIDAR data from 2013. LIDAR is a survey technology that measures distances and topographical changes using laser light. The LIDAR data was analyzed using Hydrologic Engineering Center's River Analysis System (HEC-RAS), Version 5.0.4. This software enables performance of one-dimensional steady flow calculation, one- and two-dimensional unsteady flow calculations, sediment transport/ mobile bed computation, and water temperature/water quality modeling.

The primary objective of the modeling was to identify the 100-year floodplain of each facility and to determine the extent of maintenance activities (primarily vegetation management and mechanized land clearing) required to allow for the 100-year storm event to pass through the system and ensure the protection of life and property adjacent to and downstream of the facility. The goal was to identify areas where vegetation clearing and/or mechanized land clearing could be minimized to avoid impacts to sensitive resources; therefore, facilities were selected for modeling to meet this goal. The following types of District facilities were excluded for the reasons provided:

1. **Concrete Facilities.** These facilities do not contain sensitive resource value. Concrete facilities also do not have flexibility with their maintenance requirements. Out of the 504 maintained facilities, 110 (22%) are concrete-lined.
2. **Basins, Detention Basins, Spreading Grounds.** These facilities must be maintained to their design capacity. Out of 504 maintained facilities, 165 (33%) are labeled basin, detention basin, or spreading ground.

3. **Storm Drains.** Storm drains are concrete facilities that do not contain sensitive resource value. Out of 504 maintained facilities, 21 (4%) are considered storm drains.
4. **Levees, Dams, Groins.** These facilities do not convey water downstream, but instead support other flood control facilities. Hydraulic modeling would not capture these facilities. Out of 504 maintained facilities, 48 (10%) are considered a levee, dam, or groin. Five levees were included in the hydraulic modeling. These levees support City Creek and the Santa Ana River, portions of which were modeled. These five levees were captured as a part of this modeling even though they do not individually convey water downstream.
5. **Facilities with Low Resource Value.** District facilities were ranked based on their environmental resource value (District 2015). Facilities were ranked using cluster analysis with ranges between 0 (no biological resource value) and 4 (high biological resource value). Facilities ranked 0, 1, or 2 were left out of the hydraulic analysis due their low resource value. Out of 504 maintained facilities, 200 (40%) have a low biological resource value ranking.
6. **Interim Facilities**: Interim facilities convey less than the 100-year storm event and therefore need to be maintained to their full capacity. Out of 504 maintained facilities, 279 (55%) are considered interim.

With the above exclusions, a total of 58 facilities within the proposed program remained for potential modeling. This list was further refined based on previous modeling conducted by the District and based on facility-specific maintenance needs. Attachment A, Hydraulic Analysis List, provides a list of these 58 facilities and the rationale for excluding certain facilities from further modeling.

Results

Of the 504 facilities covered by the proposed program, 15 underwent hydraulic modeling: portions of the Santa Ana River, portions of City Creek, and portions of the Mojave River, as identified in Attachment A. Attachment A also identifies how the modeling informed the maintenance layer for each of these facilities. Attachment B, grids A through G, depicts the 100-year floodplain as modeled for these facilities and the maintenance activities proposed by the Maintenance Plan. Attachment C provides the HEC-RAS results for each facility modeled.

References Cited

District (San Bernardino County Flood Control District). 2015. "San Bernardino County Flood Control District Facility Ranking (Simplified Methodology Version)." Excel file. Received 2018.

Attachment A

Hydraulic Analysis List of Facilities

Facility Name	Facility Number	Modeling Completed?	Rationale	Result
Cucamonga Channel	1-301-1A	N	Maintenance is only along access road.	N/A
Cucamonga Connector	1-312-6A	N	Facility is adjacent to property and must be maintained to fullest extent.	N/A
Cucamonga Connector	1-312-6B	N	No vegetation management or sediment removal proposed.	N/A
Demens Creek Channel	1-401-1A	N	Facility is adjacent to property and must be maintained to fullest extent.	N/A
Deer Creek Channel	1-501-1A	N	No vegetation management or sediment removal proposed; therefore, hydraulic modeling would not further reduce maintenance.	N/A
City Creek Channel	2-601-1A	Y	Modeling completed.	Floodplain covers full extent of facility; homes adjacent to facility, no reduction in vegetation management or sediment removal possible.
City Creek Channel	2-601-1B	Y	Modeling completed	Floodplain covers full extent of facility; no reduction in vegetation management or sediment removal possible.
City Creek Levee, USACE	2-601-5A	Y	Modeling completed	Levee adjacent to 2-601-1A, modeling was for maintenance layer associated with adjacent facility.
City Creek Levee, USACE	2-601-5B	Y	Modeling completed	Levee adjacent to 2-601-1B, modeling was for maintenance layer associated with adjacent facility.
City Creek Levee, USACE	2-601-5C	N	Historic modeling completed.	N/A
City Creek Levee, USACE	2-601-5D	N	Historic modeling completed.	N/A
City Creek Channel	2-603-1A	N	This is a bypass channel with limited resource value	N/A
Plunge Creek	2-605-1A	N	No vegetation management or sediment removal proposed.	N/A

Facility Name	Facility Number	Modeling Completed?	Rationale	Result
Santa Ana River (Incl. USACE)	2-701-1A	Y	Modeling completed	Excavation was minimized to reduce environmental impacts to vegetation. The modeling shows that for regular storm events, the facility can handle the flows if routinely maintained and vegetation is managed routinely
Santa Ana River (Incl. USACE)	2-701-1B	Y	Modeling completed	Excavation was minimized in meetings with Operations staff to reduce environmental impacts to vegetation. The modeling shows that for regular storm events, the facility can handle the flows if facility is routinely maintained according to the widths and depths of excavation identified, and if vegetation is managed routinely
Santa Ana River	2-701-1C	Y	Modeling completed	Excavation was minimized in meetings with Operations staff to reduce environmental impacts to vegetation. The modeling shows that for regular storm events, the facility can handle the flows if facility is routinely maintained according to the widths and depths of excavation identified, and if vegetation is managed routinely
Santa Ana River	3-101-1E	Y	Modeling completed	Excavation was minimized in meetings with Operations staff to reduce environmental impacts to vegetation. The modeling shows that for regular storm events, the facility can handle the flows if facility is routinely maintained according to the widths and depths of excavation identified, and if vegetation is managed routinely

Facility Name	Facility Number	Modeling Completed?	Rationale	Result
Santa Ana River (Incl. USACE)	3-101-1F	Y	Modeling completed	Excavation was minimized in meetings with Operations staff to reduce environmental impacts to vegetation. The modeling shows that for regular storm events, the facility can handle the flows if facility is routinely maintained according to the widths and depths of excavation identified, and if vegetation is managed routinely
Seven Oaks Dam, USACE [DSOD]	3-104-3A	N	Requirements determined by Seven Oaks Dam	N/A
Plunge Creek	3-201-1B	N	Due to historic flooding and adjacency to homes, maintenance is required to full extent of facility.	N/A
Plunge Creek	3-201-1C	N	Modeled as part of the Boulder Bridge CIP	N/A
Elder Creek	3-205-1A	N	No vegetation management or sediment removal proposed within waterway.	N/A
City Creek	3-301-1B	Y	Modeling completed	Although the modeled floodplain extends slightly beyond the channel limits, there are no homes or other property within the modeled floodplain. Due to the presence of riparian forest, vegetation management is not planned in this area.
City Creek	3-301-1C	Y	Modeling completed	The modeling shows that for regular storm events, the facility can handle the flows if facility is routinely maintained according to the widths and depths of excavation identified and if vegetation is maintained routinely.
City Creek Levee - West Bank (USACE)	3-301-5A	Y	Modeling completed	This is a Corps levee with specific levee maintenance requirements
City Creek Levee - West Bank	3-301-5B	Y	Modeling completed	This is a Corps levee with specific levee maintenance requirements
City Creek Levee - East Bank (USACE)	3-301-5C	Y	Modeling completed	This is a Corps levee with specific levee maintenance requirements

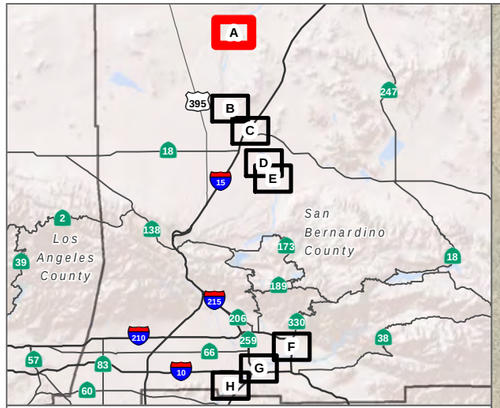
Facility Name	Facility Number	Modeling Completed?	Rationale	Result
City Creek Levee - East Bank	3-301-5D	Y	Modeling completed	This is a Corps levee with specific levee maintenance requirements
San Timoteo Creek	3-401-1A	N	Modeling completed as part of the Santa Ana River mainstem project.	N/A
San Timoteo Creek	3-401-1B	N	Modeling completed as part of the Santa Ana River mainstem project.	N/A
Chicken Springs - Avenue B	3-614-1A	N	Facility is adjacent to property and must be maintained to fullest extent.	N/A
Mill Creek	3-801-1A	N	Maintenance is only bank repair.	N/A
Mill Creek	3-801-1C	N	Maintenance in this area had already been reduced to maximum extent possible; therefore, hydraulic modeling was not required.	N/A
Mill Creek	3-801-1D	N	Maintenance in this area had already been reduced to maximum extent possible; therefore, hydraulic modeling was not required.	N/A
Mojave River - Forks Dam	4-101-1C	N	Maintenance was reduced based on historic knowledge	N/A
Mojave River - Rock Springs Road	4-101-1D	Y	Modeling completed	This area is unvegetated; maintenance includes centerflow to keep flows away from banks to minimize erosion.
Mojave River - Bear Valley Road	4-101-1E	Y	Modeling completed	Floodplain stays within channel banks. Maintenance includes centerflow to keep flows away from banks to minimize erosion.
Mojave River - Upper Narrows	4-101-1F	Y	Modeling completed	Mapped floodplain does not overlap properties. Due to the presence of riparian forest, vegetation management is not planned for this area.
Mojave River - AT&SF Bridge to Mill St.	4-101-1G	Y	Modeling completed	Mapped floodplain does not overlap sensitive properties. Due to the presence of riparian habitat, vegetation management is not planned for this area.
Mojave River - Mill St. to Bryman Rd.	4-101-1H	N	Only bank repair proposed for this area	N/A

Facility Name	Facility Number	Modeling Completed?	Rationale	Result
Mojave River - Bryman Rd. to Vista Rd.	4-101-1I	Y	Modeling completed	Mapped floodplain does not extend onto sensitive properties. Due to the presence of riparian habitat, vegetation management is not planned for this area.
Mojave River - Vista Rd. to Hinkley Rd.	4-101-1J	Y	Modeling completed	Mapped floodplain does not extend onto sensitive properties. Due to the presence of riparian habitat, vegetation management is not planned for this area.
Mojave River - Hinkley Rd to Lenwood Rd	4-101-1K	N	No vegetation to influence hydraulic condition; centerflow is required to keep flows away from embankment to prevent erosion.	N/A
Mojave River	4-101-1L	N	No vegetation to influence hydraulic condition; centerflow is required to keep flows away from embankment to prevent erosion.	N/A
Mojave River - 1st to Yermo-Daggett Rd.	4-101-1M	N	No vegetation to influence hydraulic condition; centerflow is required to keep flows away from embankment to prevent erosion.	N/A
Mojave River - Yermo-Daggett	4-101-1N	N	Road crossing, modeling would not influence maintenance requirements	N/A
Buckthorn Wash	4-107-1B	N	This facility is artificially watered from a golf course and must be fully maintained.	N/A
Turner Ditch	4-109-6A	N	This facility only acts as a stockpile location; No vegetation management or sediment removal proposed.	N/A
Hesperia East Channel	4-452-1B	N	Facility is adjacent to property and must be maintained to fullest extent.	N/A
Green Valley Creek	5-211-1B	N	Facility is adjacent to property and must be maintained to fullest extent.	N/A
Seeley Creek	5-312-1B	N	Facility is adjacent to property and must be maintained to fullest extent.	N/A
Sequoia Drain	5-314-1A	N	Only bank repair at this facility.	N/A
Hunsaker Drain	5-510-1A	N	Facility is adjacent to property and must be maintained to fullest extent.	N/A

Facility Name	Facility Number	Modeling Completed?	Rationale	Result
Lucerne Valley Channel	6-301-1D	N	No vegetation to influence hydraulic condition; centerflow is required to keep flows away from embankment to prevent erosion.	N/A
Oasis Creek Channel	6-406-1A	N	No vegetation to influence hydraulic condition; centerflow is required to keep flows away from embankment to prevent erosion.	N/A
Joshua Tree Wash	6-452-1B	N	No vegetation to influence hydraulic condition; centerflow is required to keep flows away from embankment to prevent erosion.	N/A
Burnt Mountain Wash	6-459-1B	N	No vegetation management or sediment removal proposed.	N/A
Cemetery Channel	6-806-1A	N	No vegetation to influence hydraulic condition; centerflow is required to keep flows away from embankment to prevent erosion.	N/A

Attachment B

Hydraulic Modeling Figures



Red Book Facilities
Modeled 100 Year Flood Plain
Bank Repair
Mechanized Land Clearing

SOURCE: DigitalGlobe 2017

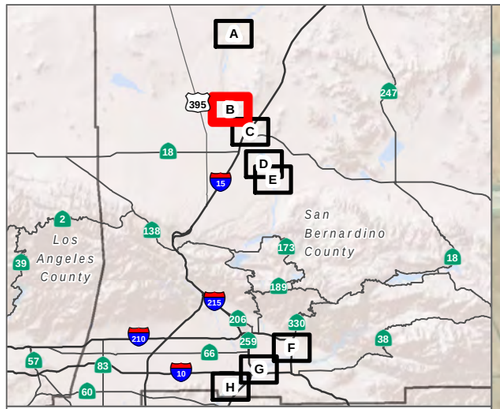
DUDEK

0 1,000 2,000 Feet

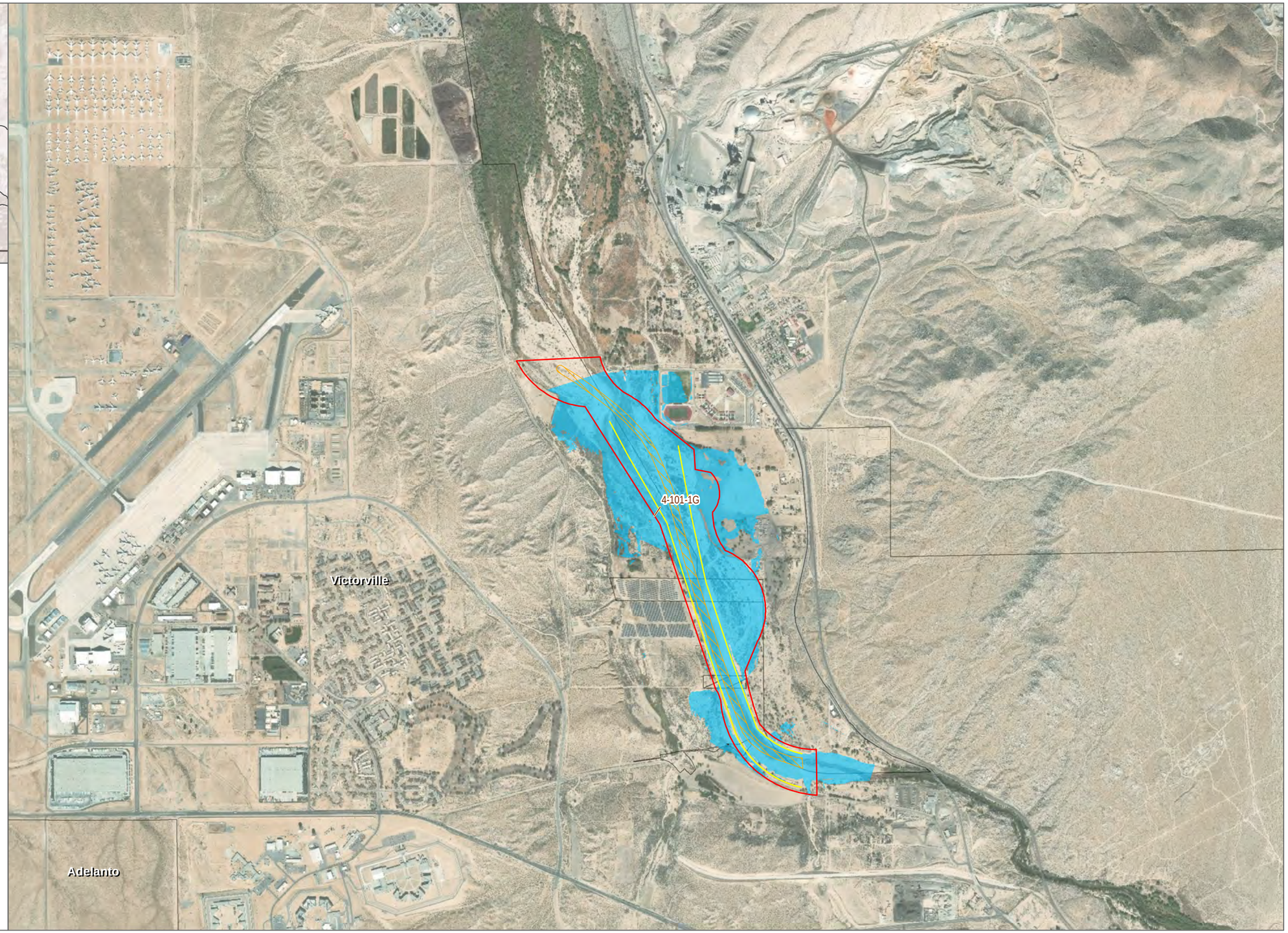
GRID A

Hydraulic Modeling

San Bernardino County Flood Control District



Red Book Facilities
Modeled 100 Year Flood Plain
Bank Repair
Mechanized Land Clearing



SOURCE: DigitalGlobe 2017

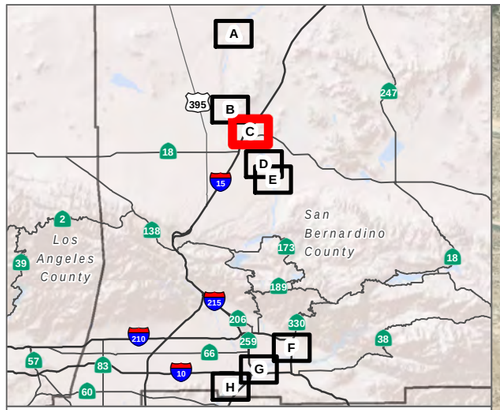
DUDEK

0 1,000 2,000 Feet

GRID B

Hydraulic Modeling

San Bernardino County Flood Control District



Red Book Facilities
Modeled 100 Year Flood Plain
Bank Repair
Vegetation Management
Mechanized Land Clearing
Federal Maintenance

SOURCE: DigitalGlobe 2017

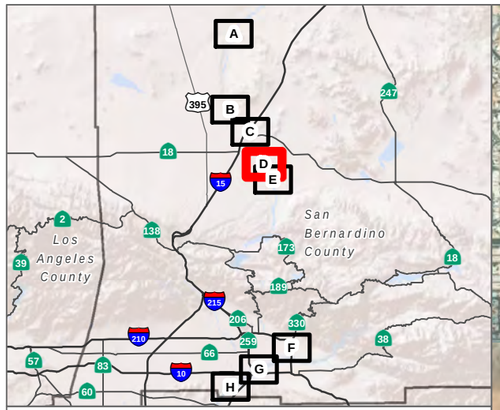
DUDEK

0 1,000 2,000 Feet

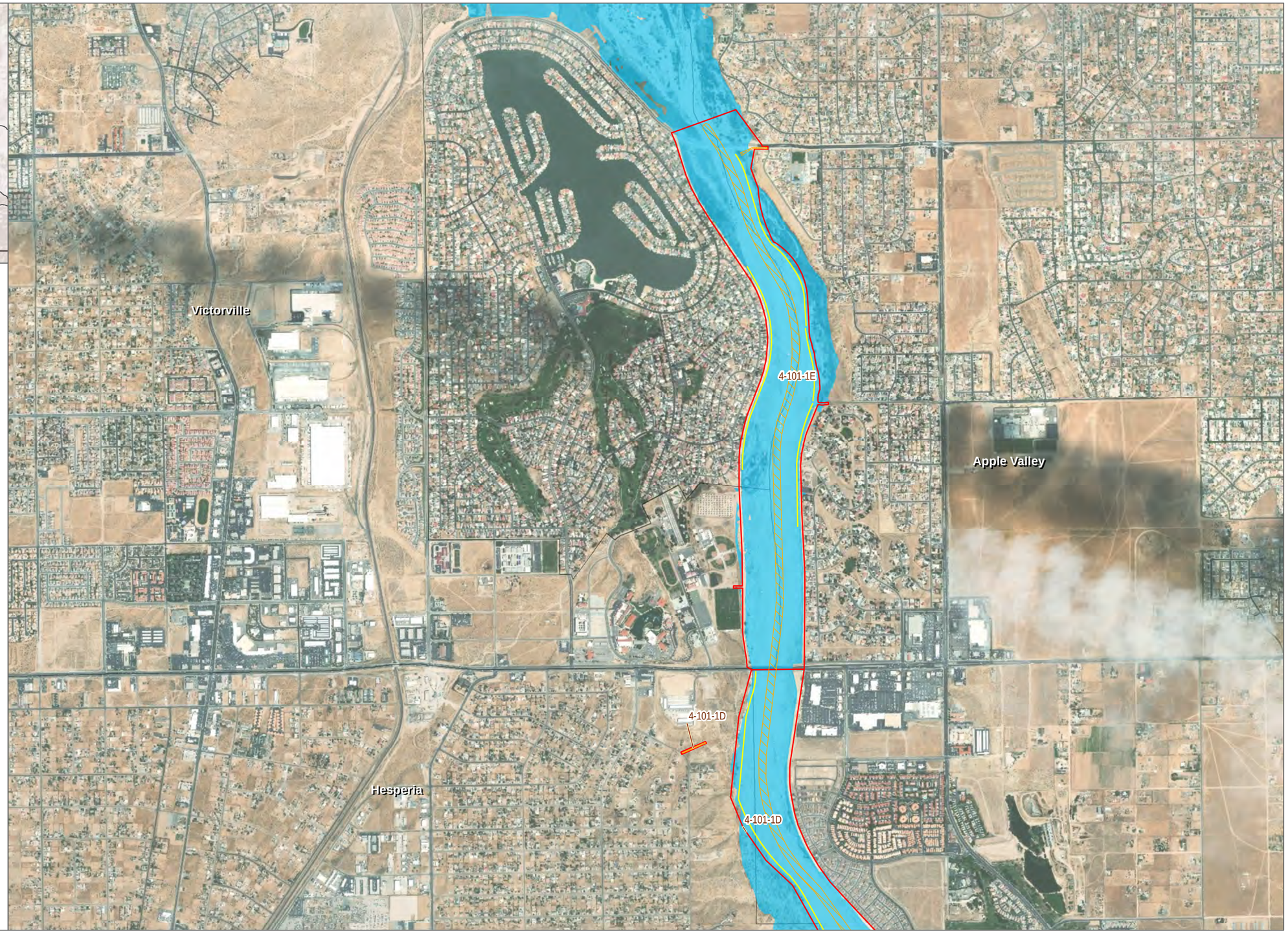
GRID C

Hydraulic Modeling

San Bernardino County Flood Control District



Red Book Facilities
Modeled 100 Year Flood Plain
Bank Repair
Mechanized Land Clearing



SOURCE: DigitalGlobe 2017

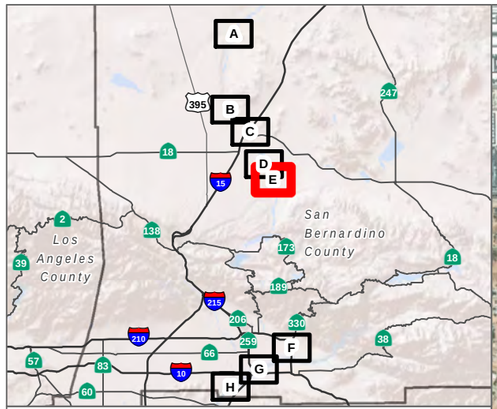
DUDEK

0 1,000 2,000 Feet

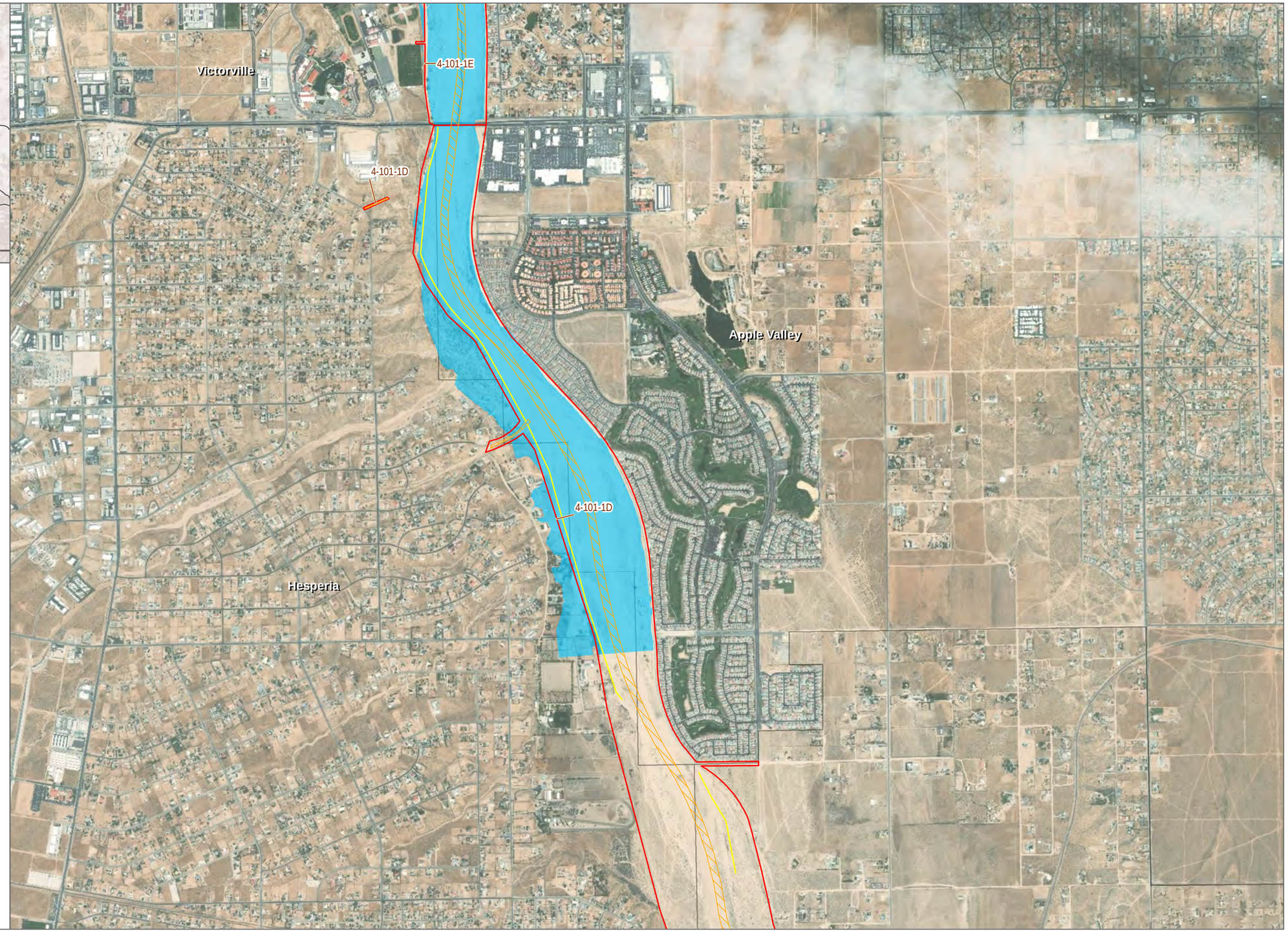
GRID D

Hydraulic Modeling

San Bernardino County Flood Control District



Red Book Facilities
Modeled 100 Year Flood Plain
Bank Repair
Mechanized Land Clearing



SOURCE: DigitalGlobe 2017

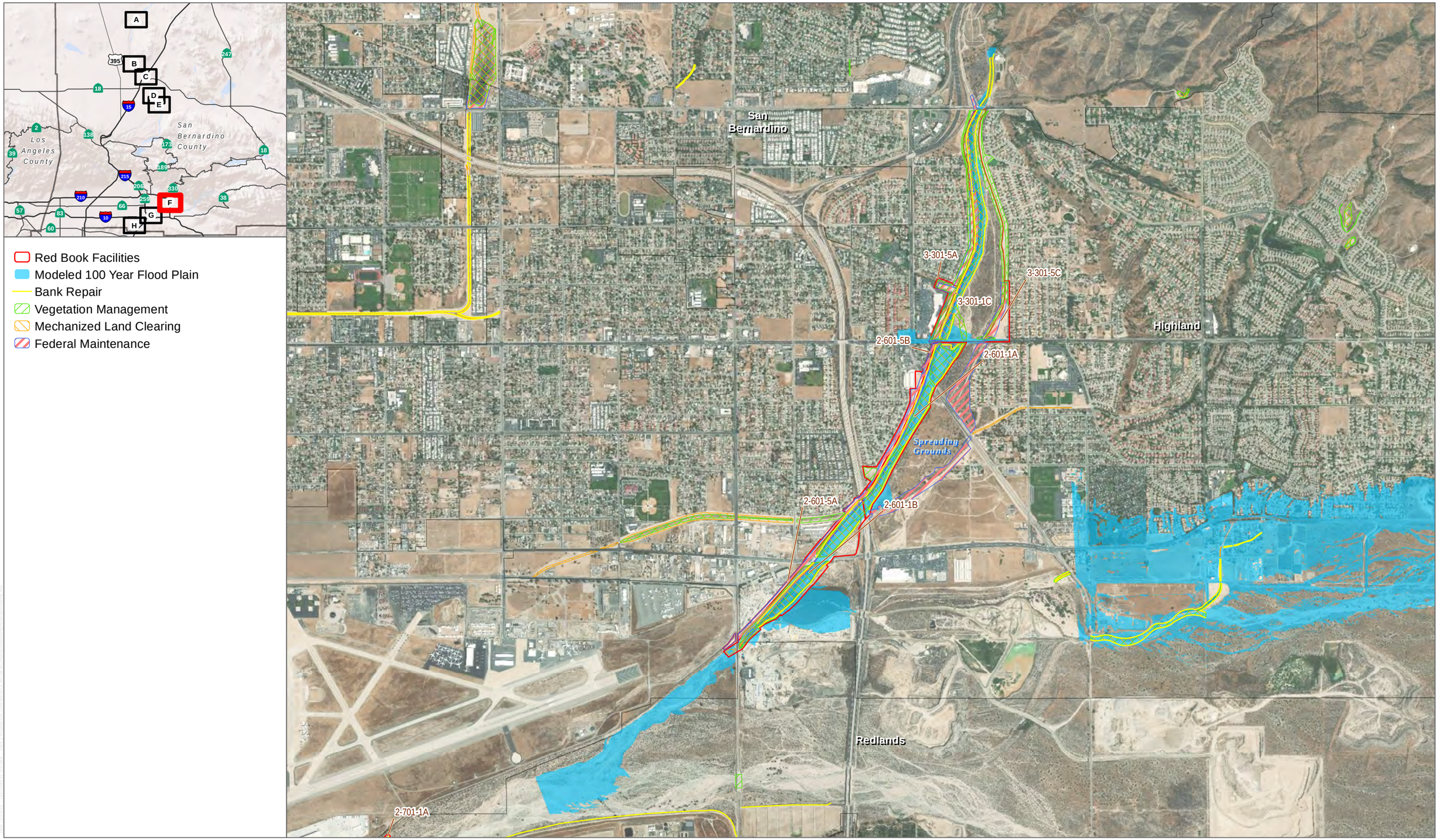
DUDEK

0 1,000 2,000 Feet

GRID E

Hydraulic Modeling

San Bernardino County Flood Control District



SOURCE: DigitalGlobe 2017

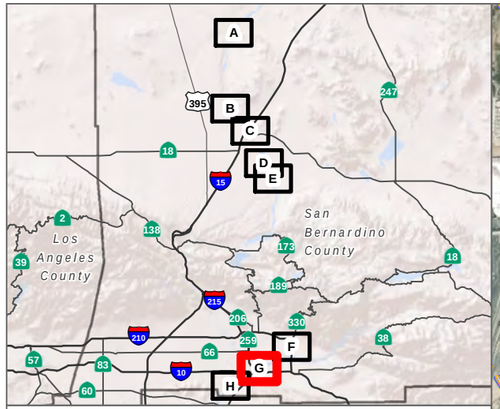
DUDEK

0 1,000 2,000 Feet

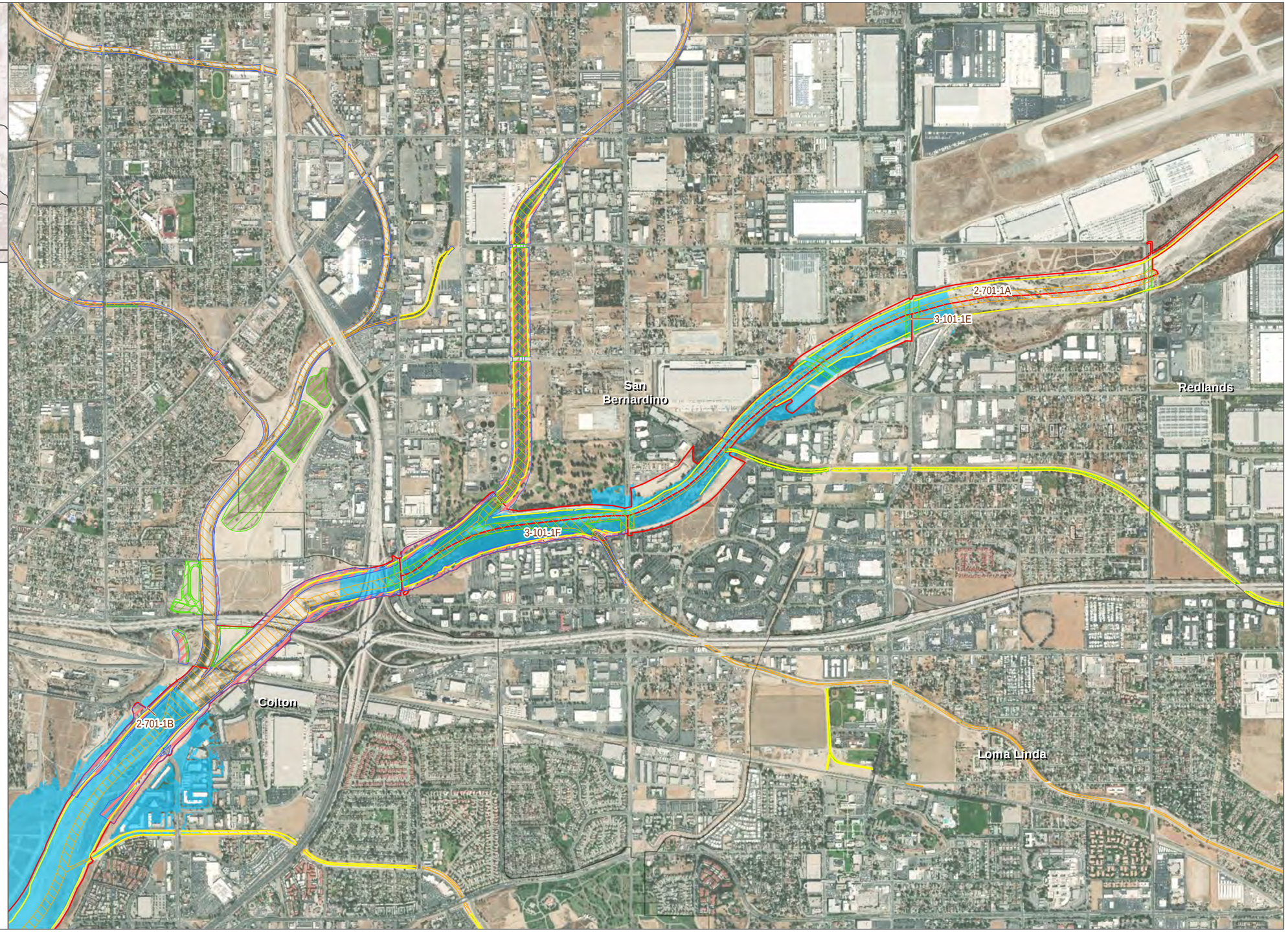
GRID F

Hydraulic Modeling

San Bernardino County Flood Control District



Red Book Facilities
Modeled 100 Year Flood Plain
Bank Repair
Vegetation Management
Mechanized Land Clearing
Federal Maintenance



SOURCE: DigitalGlobe 2017

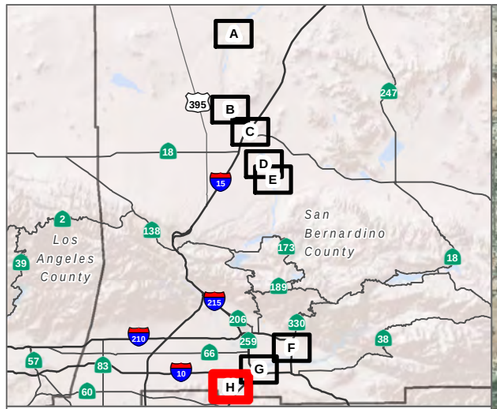
DUDEK

0 1,000 2,000 Feet

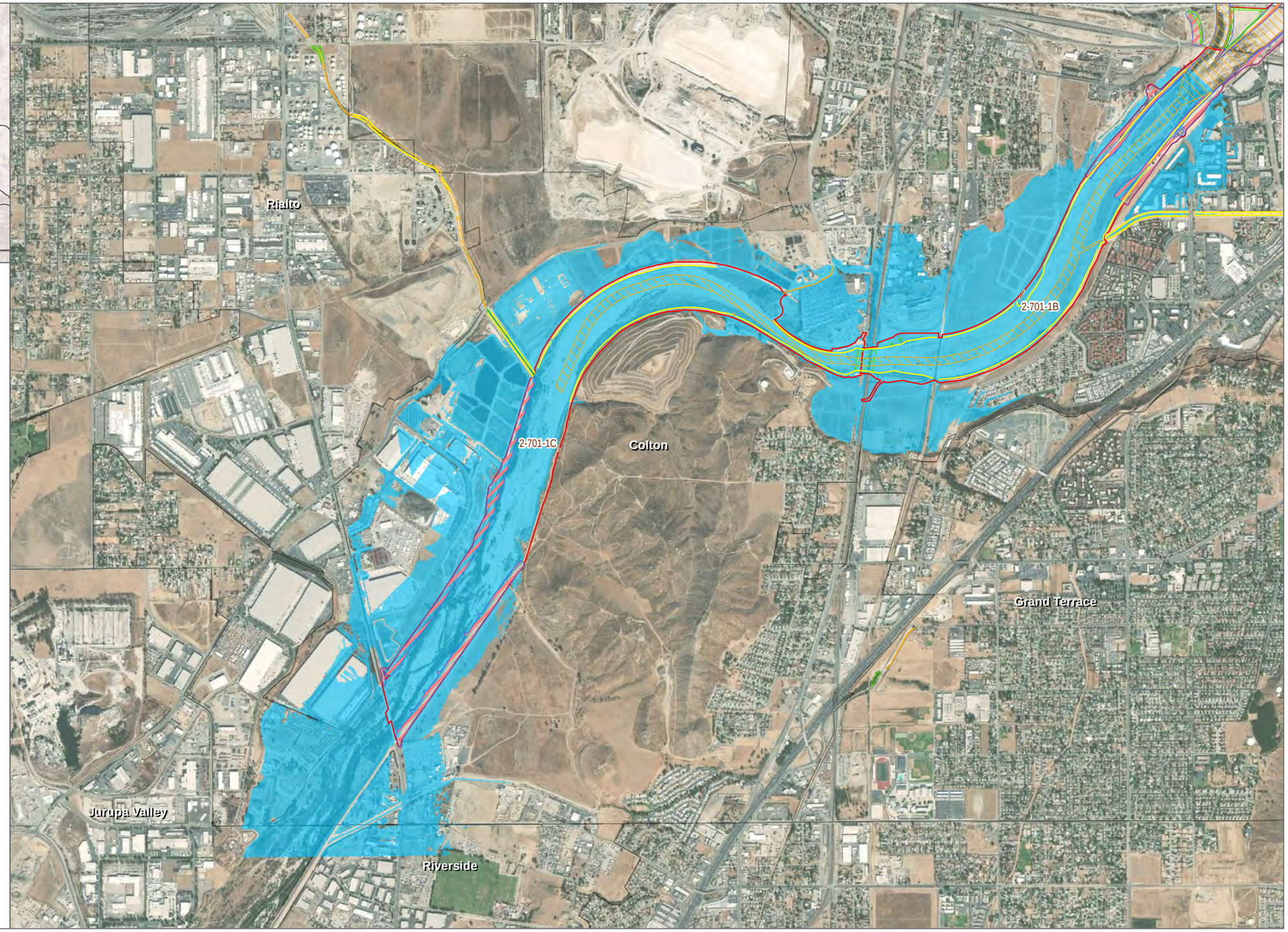
GRID G

Hydraulic Modeling

San Bernardino County Flood Control District



Red Book Facilities
Modeled 100 Year Flood Plain
Bank Repair
Vegetation Management
Mechanized Land Clearing
Federal Maintenance



SOURCE: DigitalGlobe 2017

DUDEK

0 1,000 2,000 Feet

GRID H

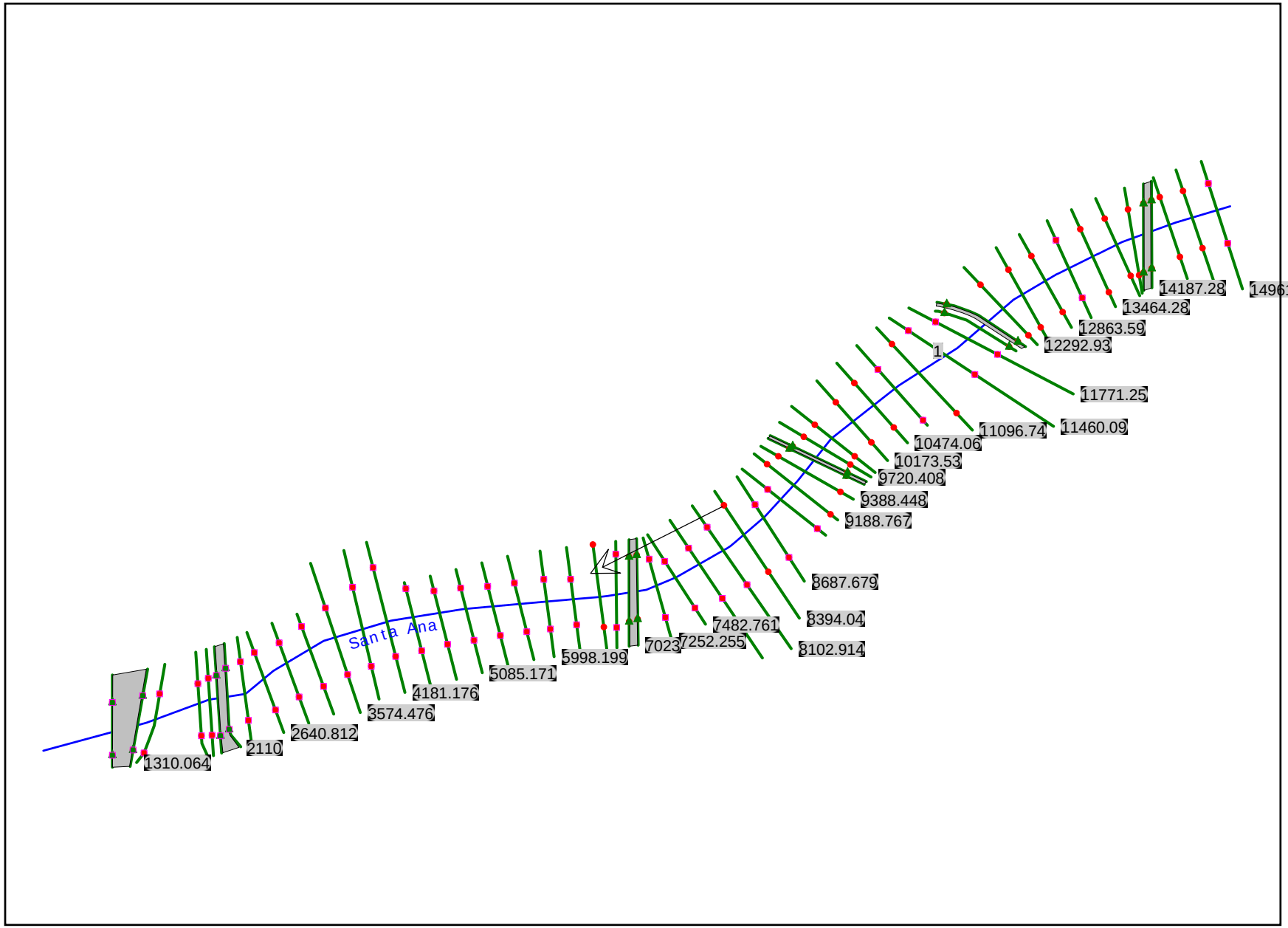
Hydraulic Modeling

San Bernardino County Flood Control District

Attachment C

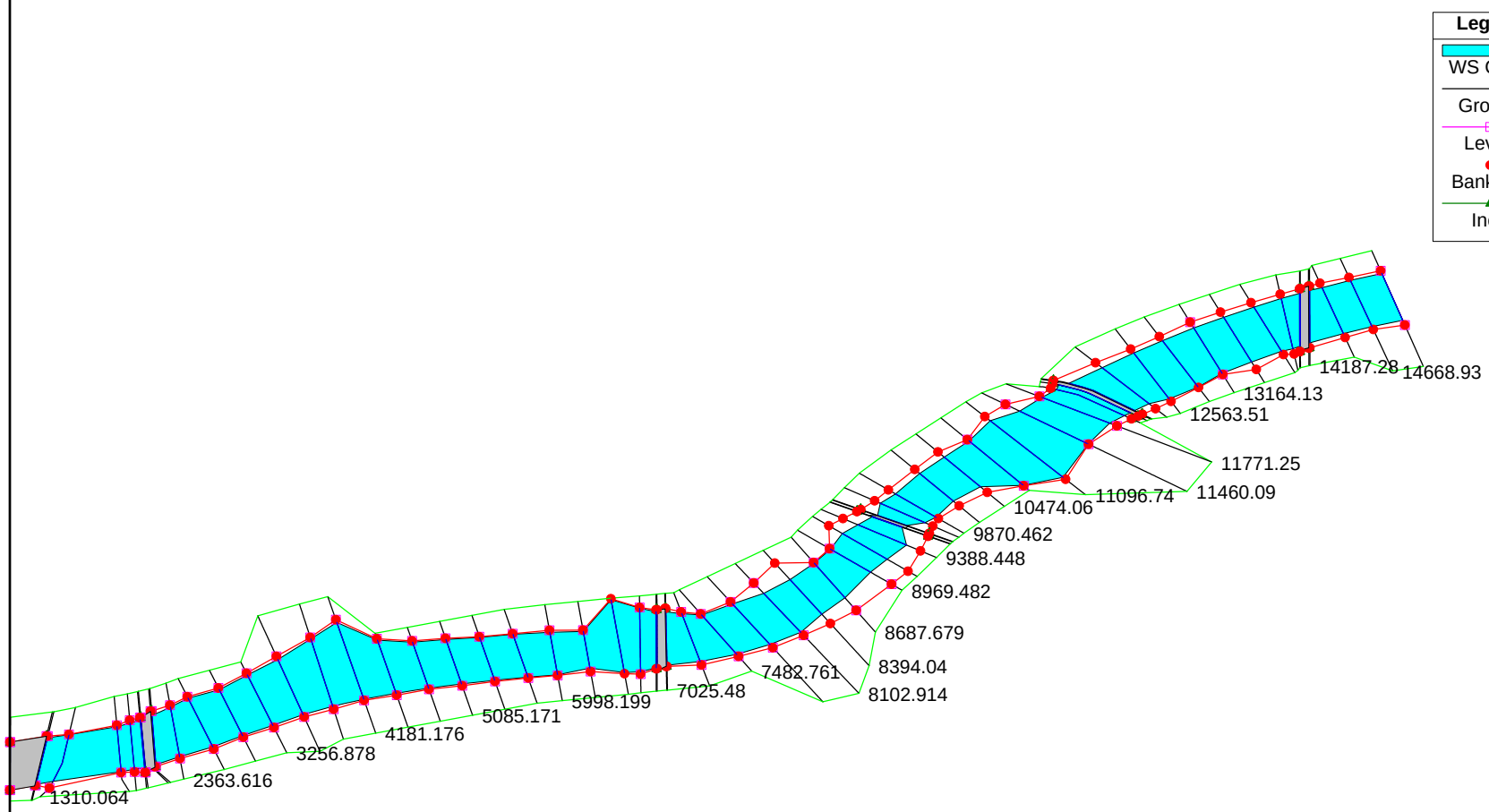
HEC-RAS Results

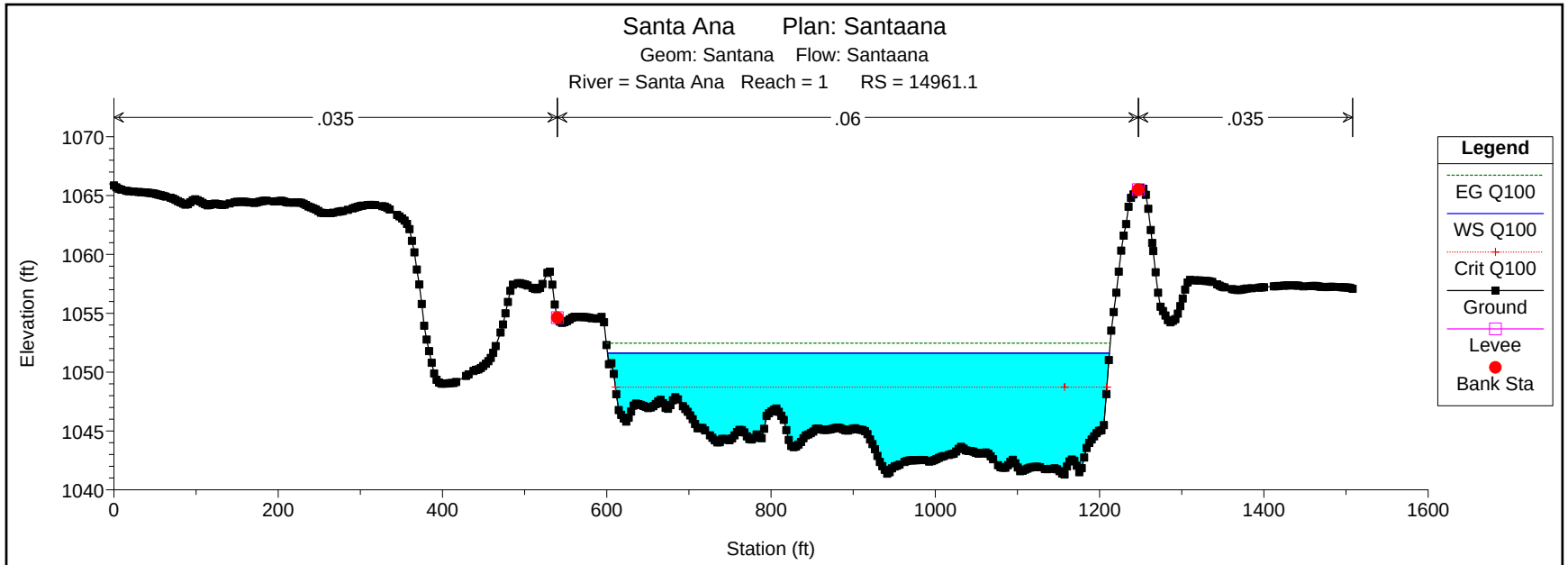
Santa Ana River
From Tippecanoe Ave to 215 Freeway
N
W
E
S
1:17,000
0 0.1 0.2 0.4 0.6 0.8
Miles
Legend
Q100 Floodplain
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

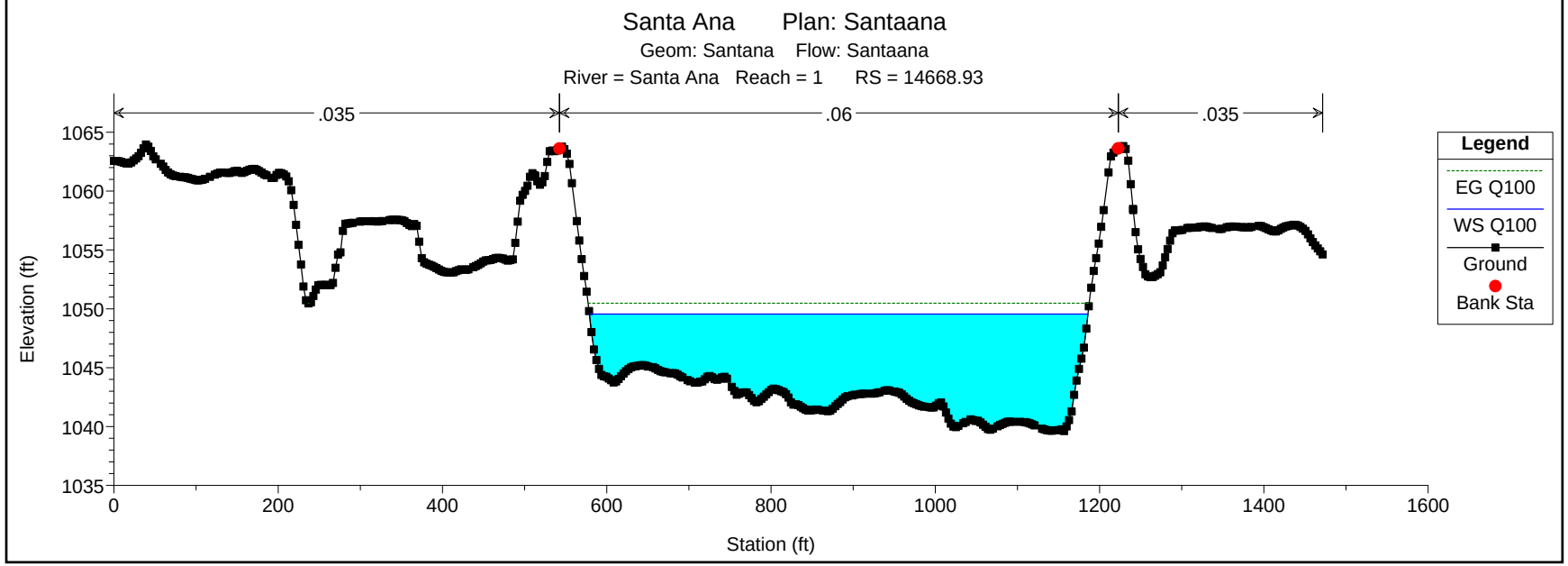

Santa Ana
1310.064
2110
2640.812
3574.476
4181.176
5085.171
5998.199
7023
7252.255
7482.761
8102.914
8394.04
8687.679
9188.767
9388.448
9720.408
10173.53
10474.06
11096.74
11460.09
11771.25
1
12292.93
12863.59
13464.28
14187.28
14961.1

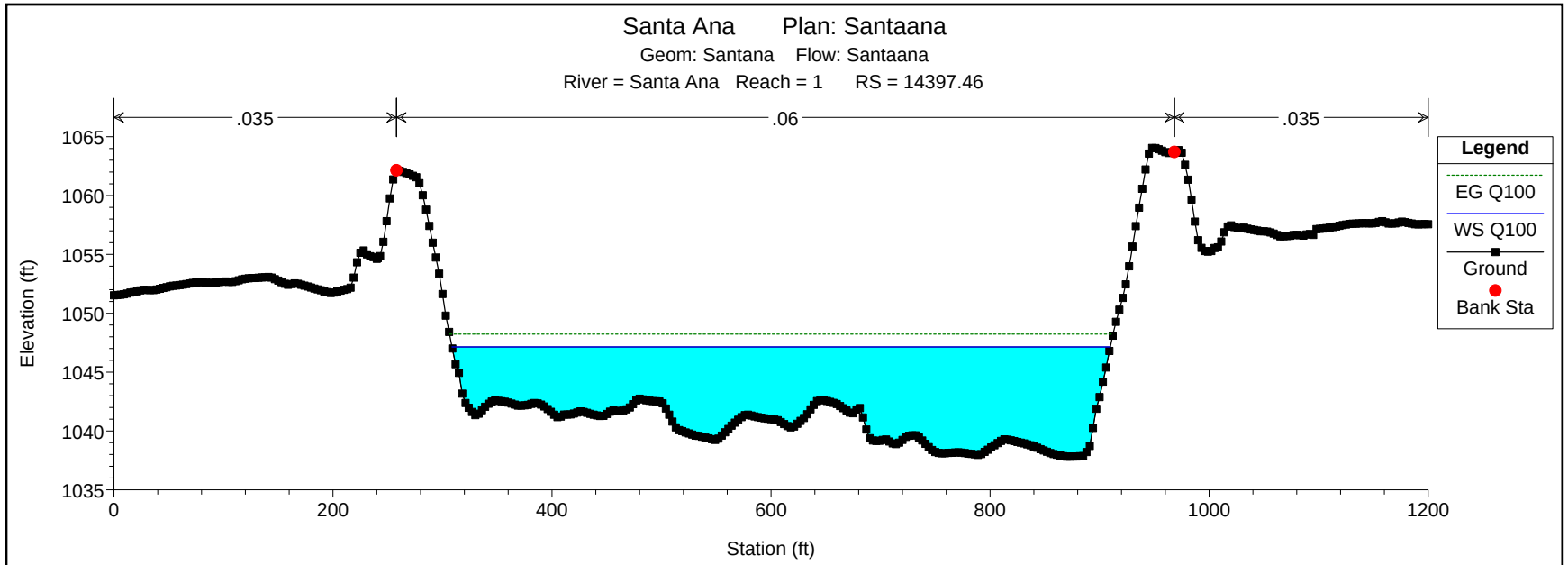
Santa Ana Plan: Santaana

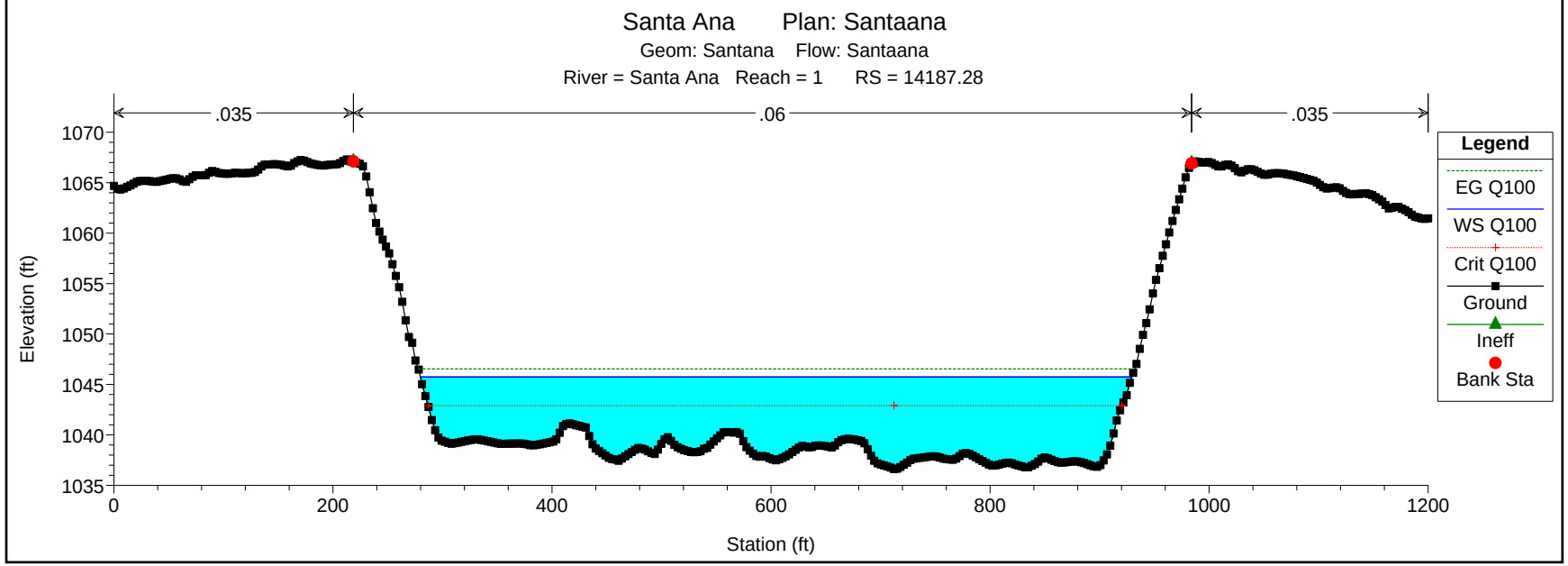
Geom: Santana Flow: Santaana

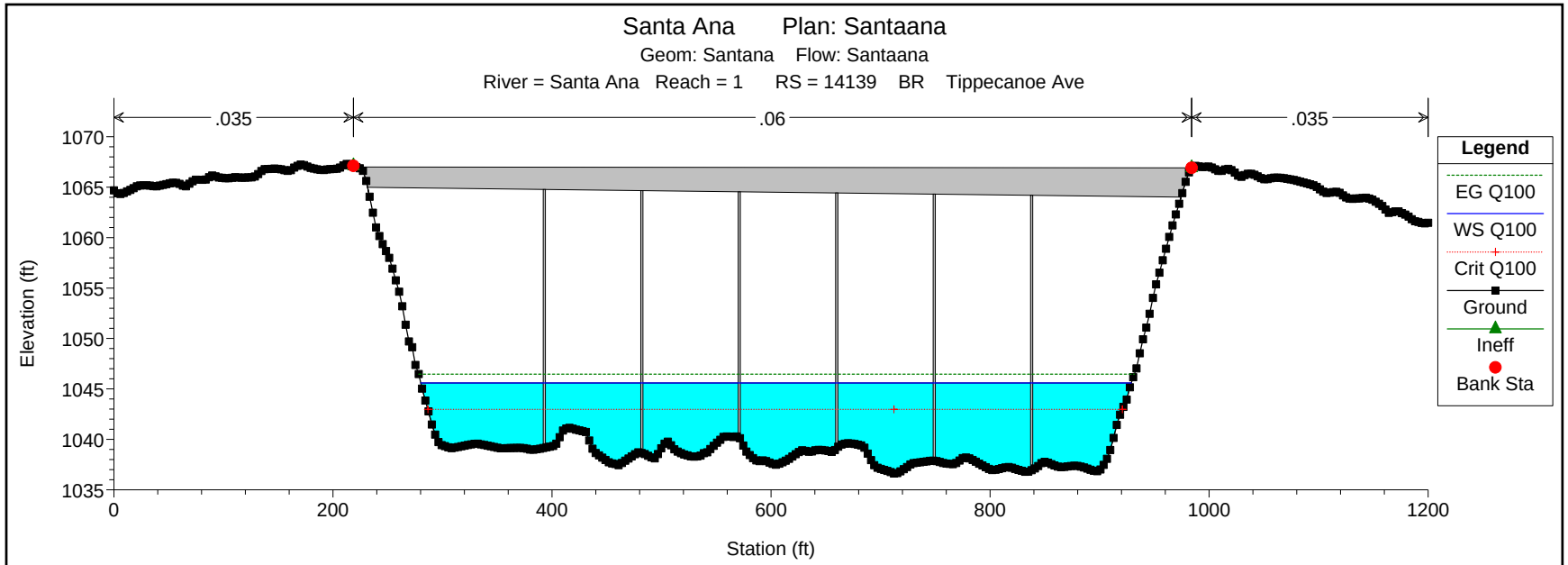


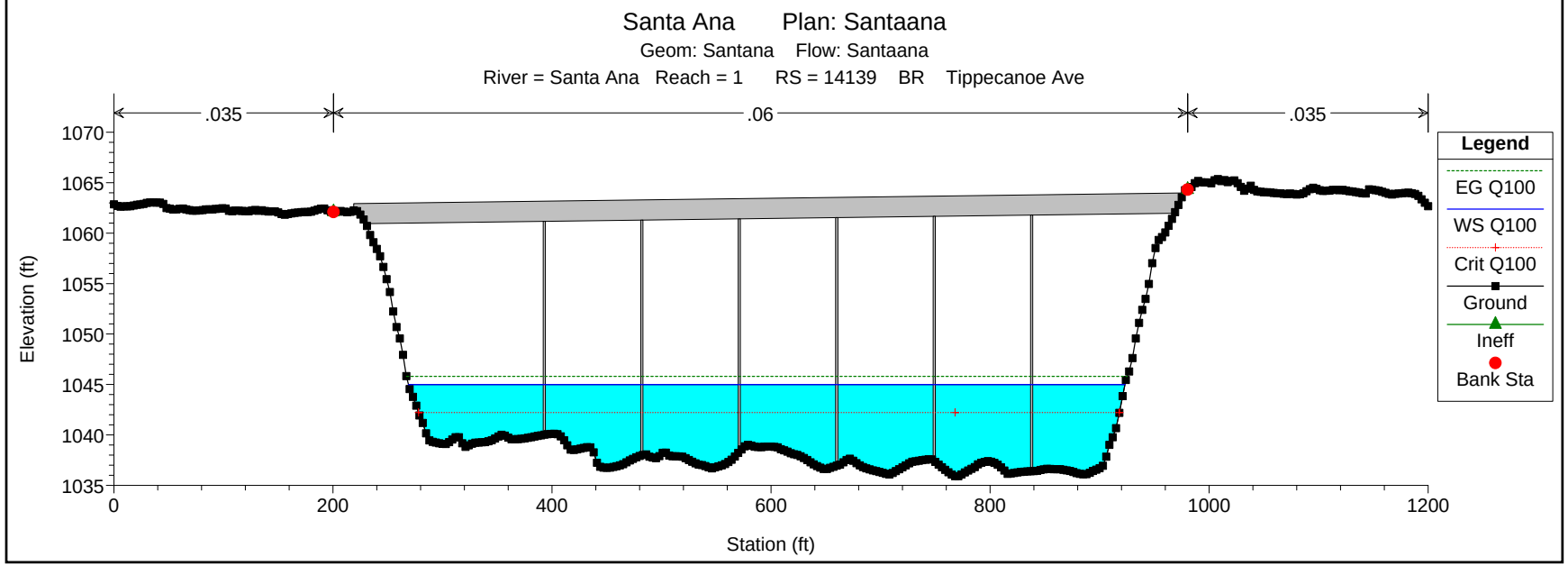

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 14961.1
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

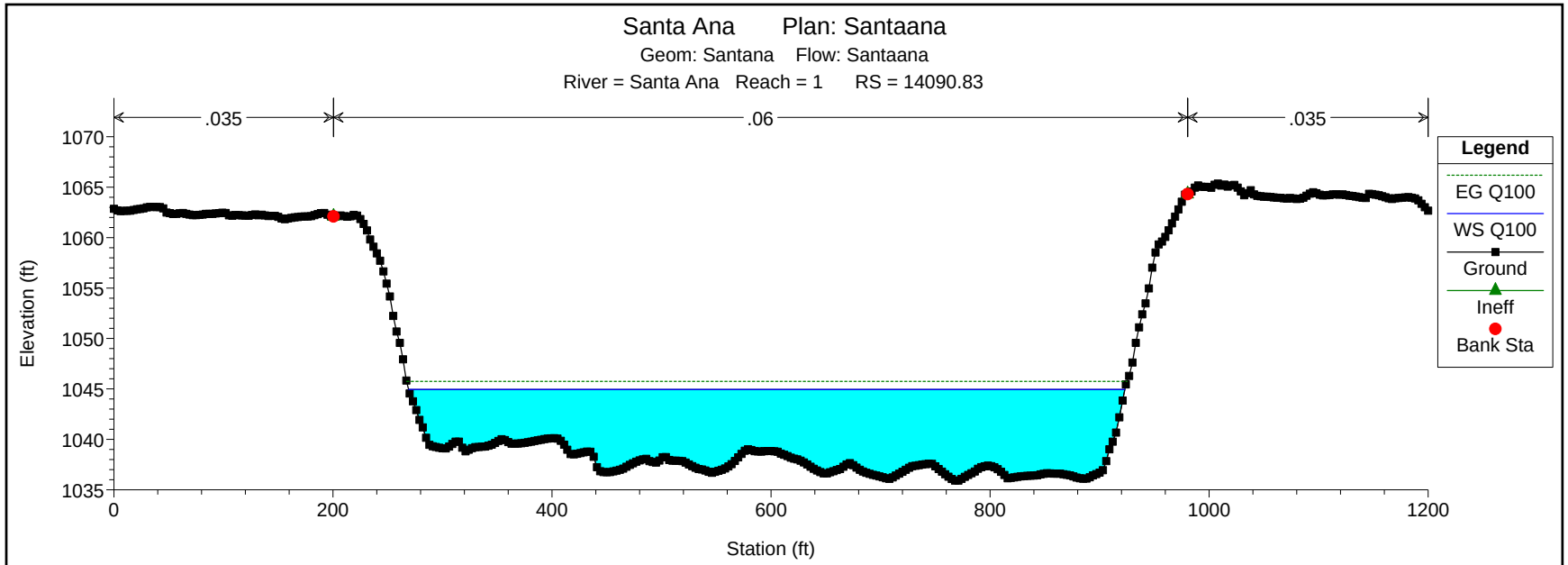

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 14668.93
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

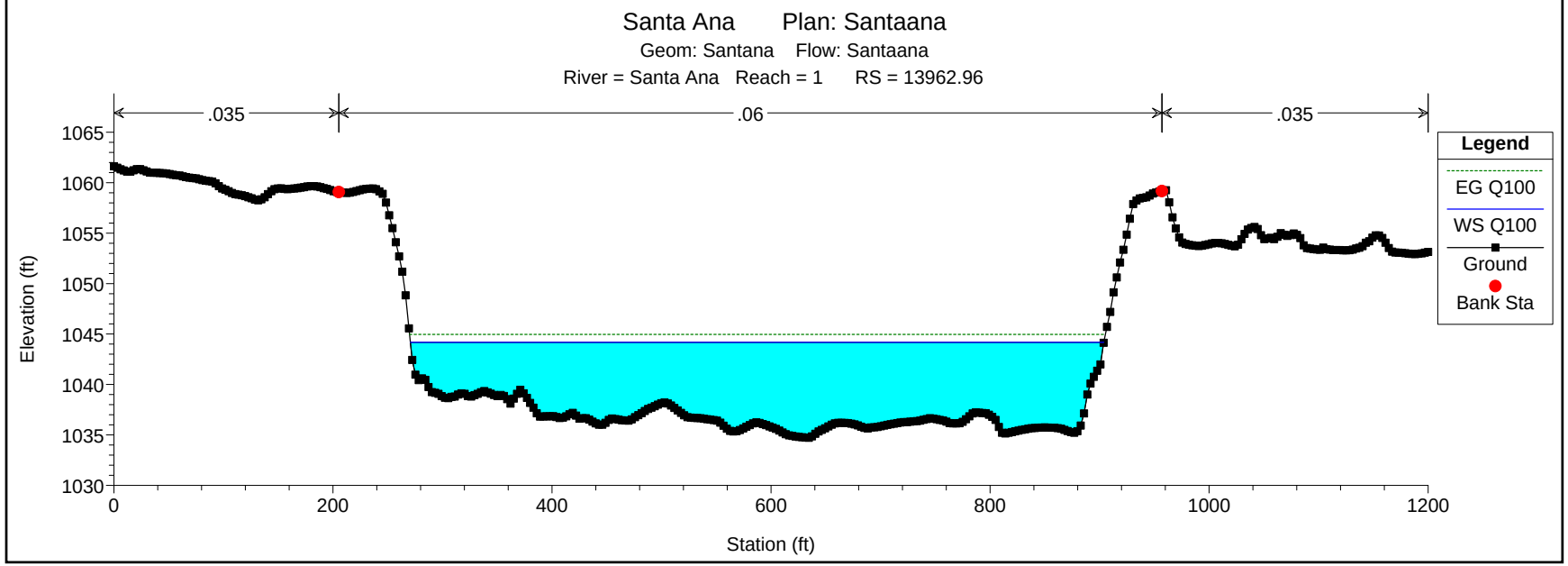

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 14397.46
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

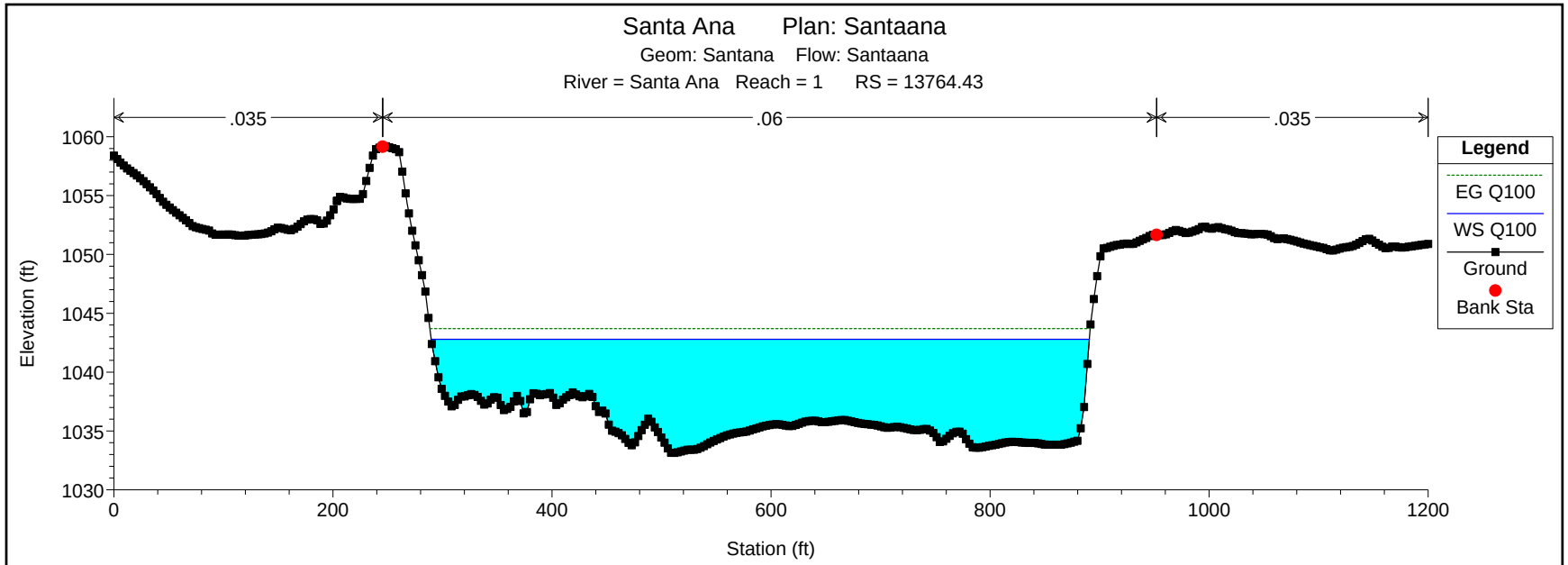

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 14187.28
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

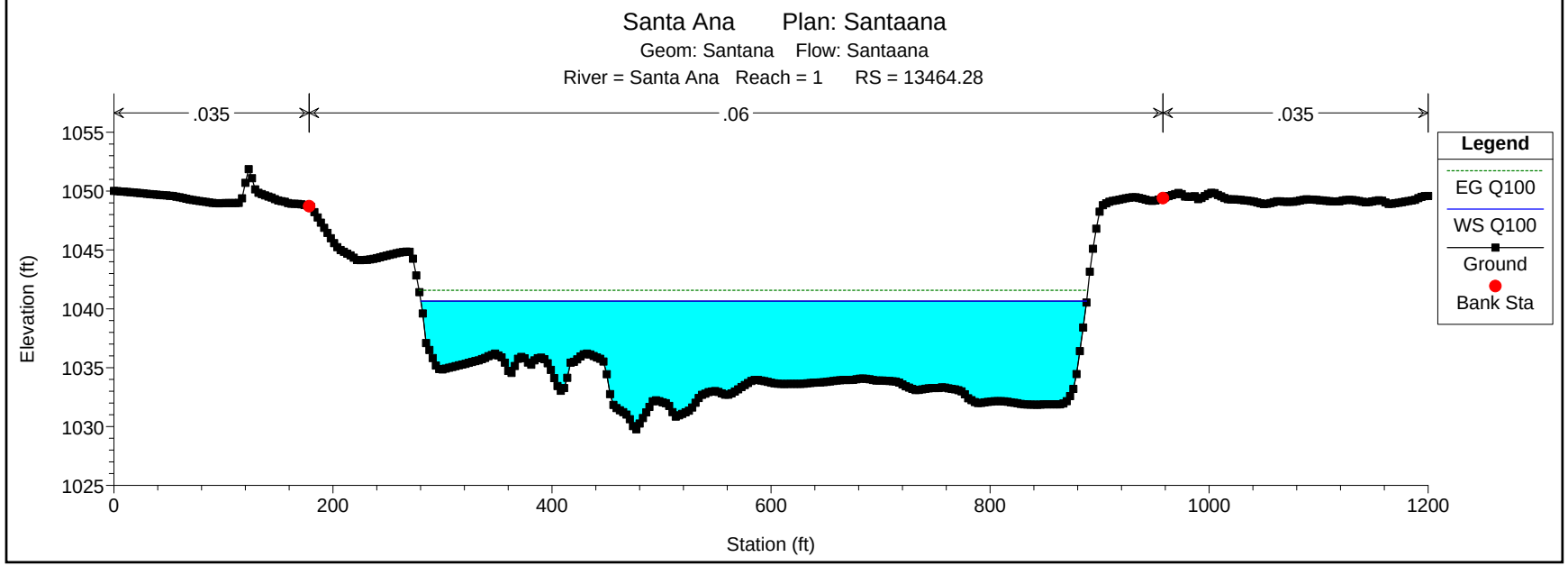

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 14139 BR Tippecanoe Ave
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

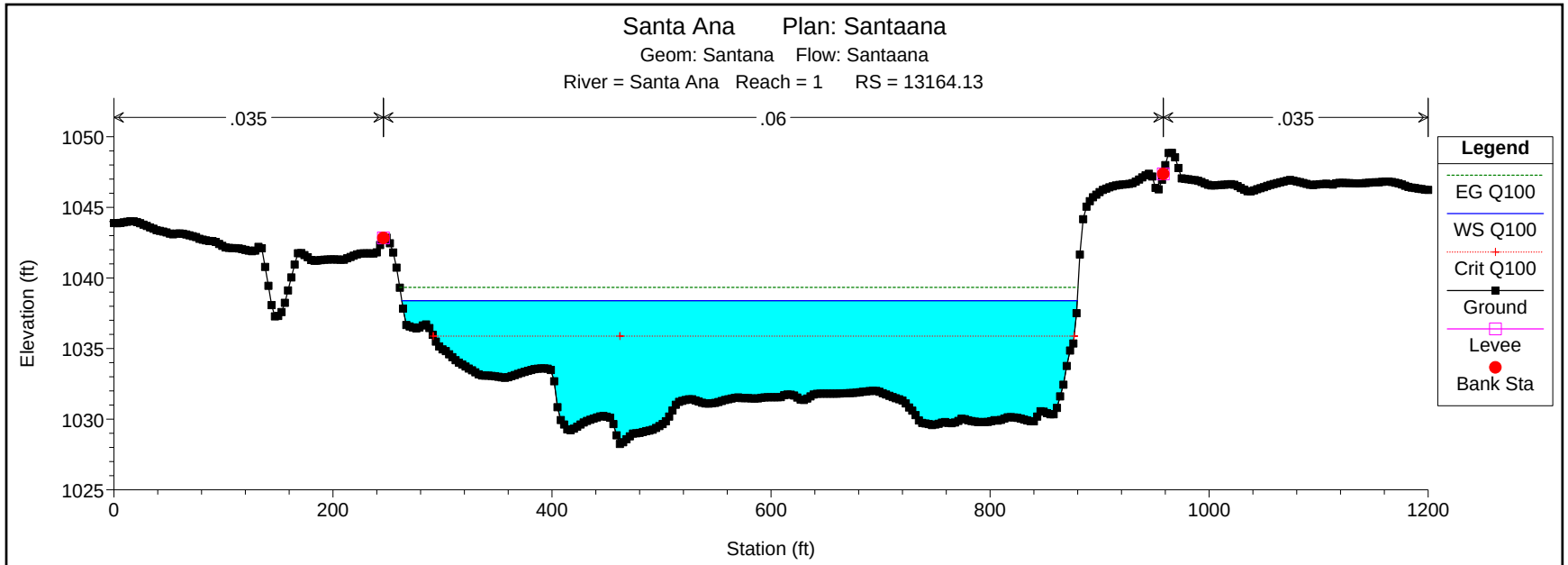

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 14139 BR Tippecanoe Ave
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

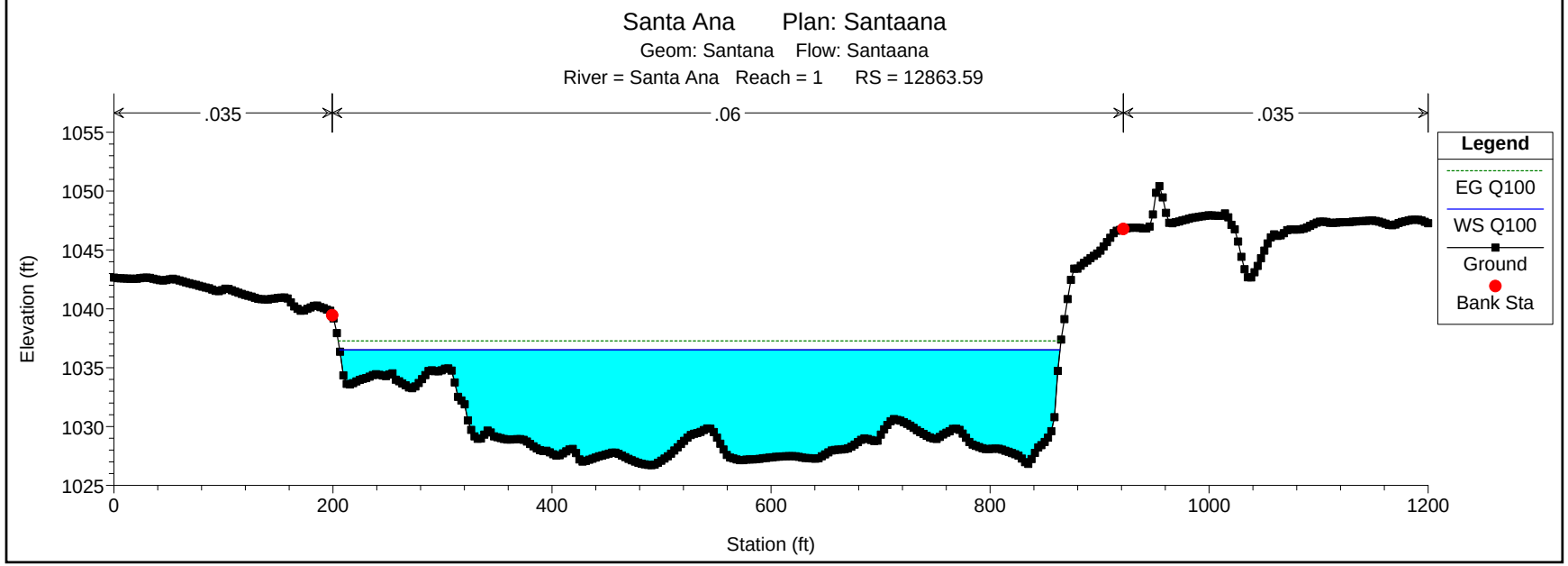

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 14090.83
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Ineff
Bank Sta

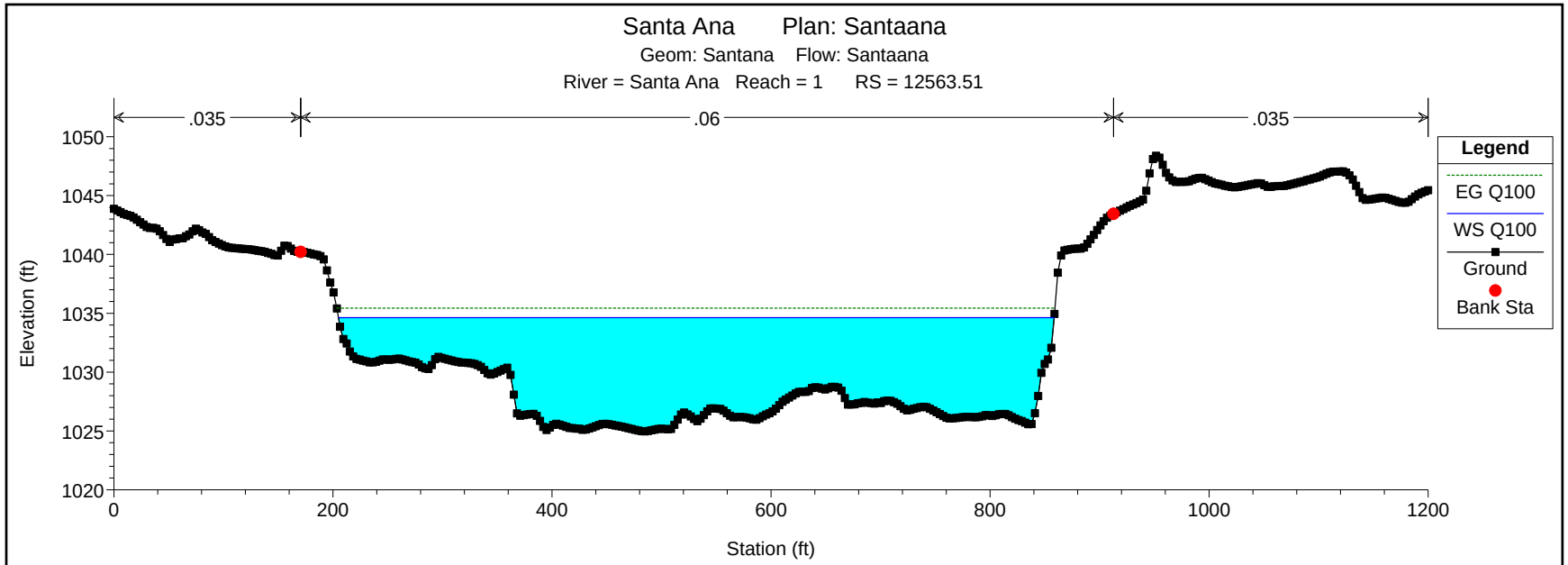

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 13962.96
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

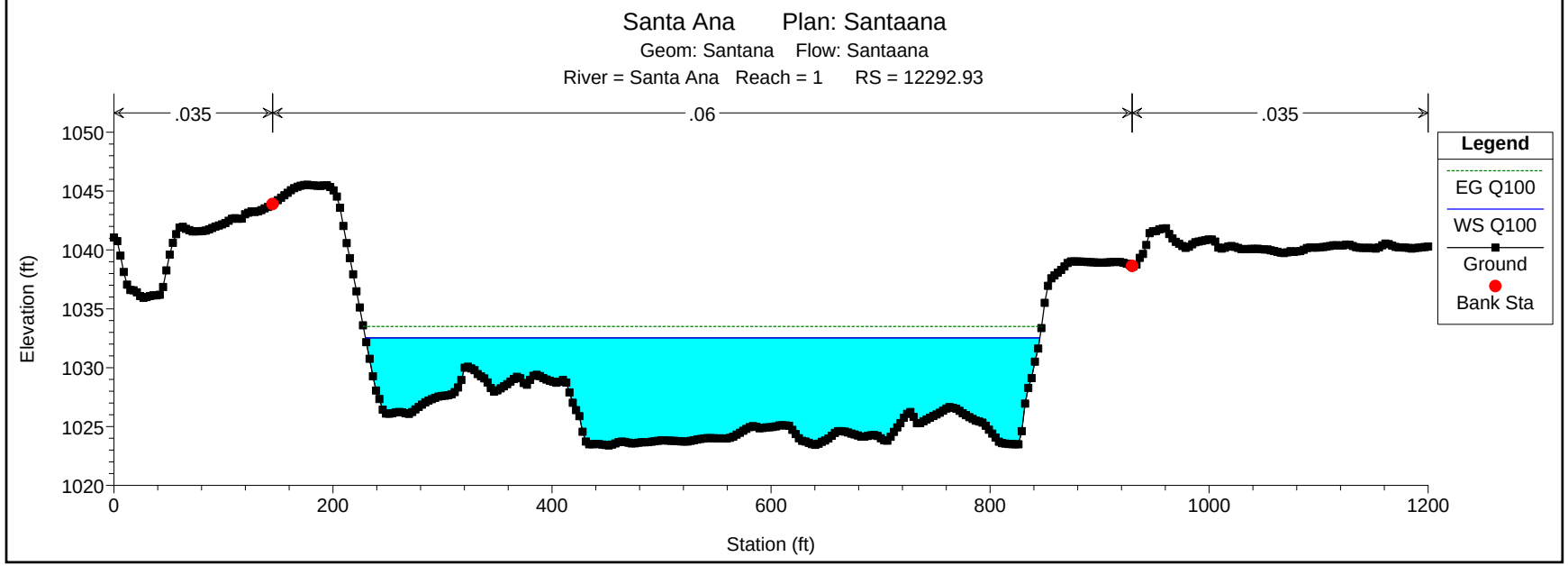

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 13764.43
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

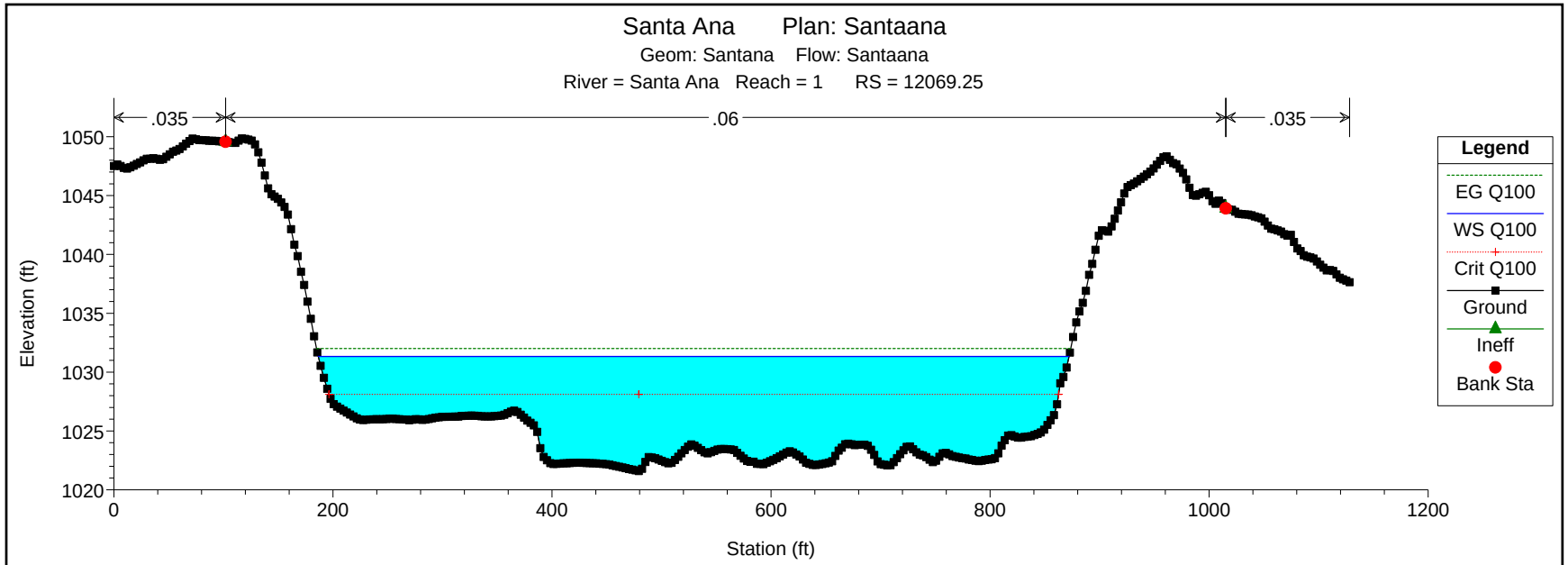

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 13464.28
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

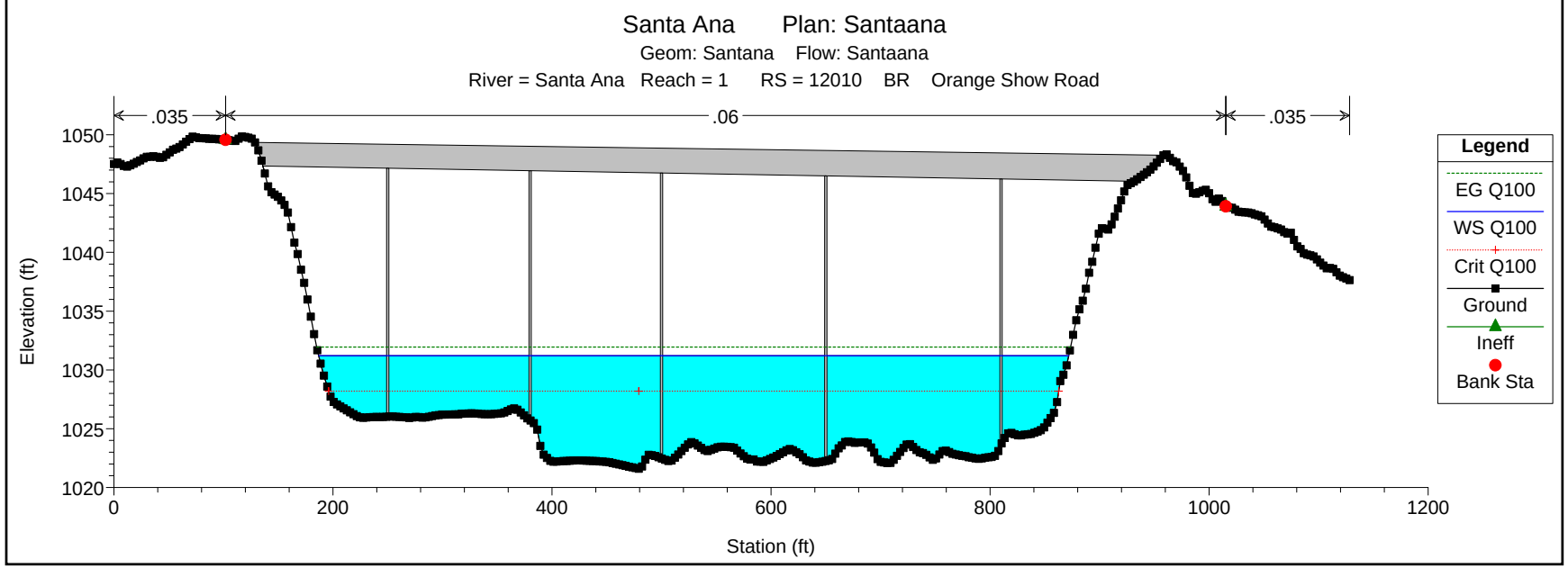

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 13164.13
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

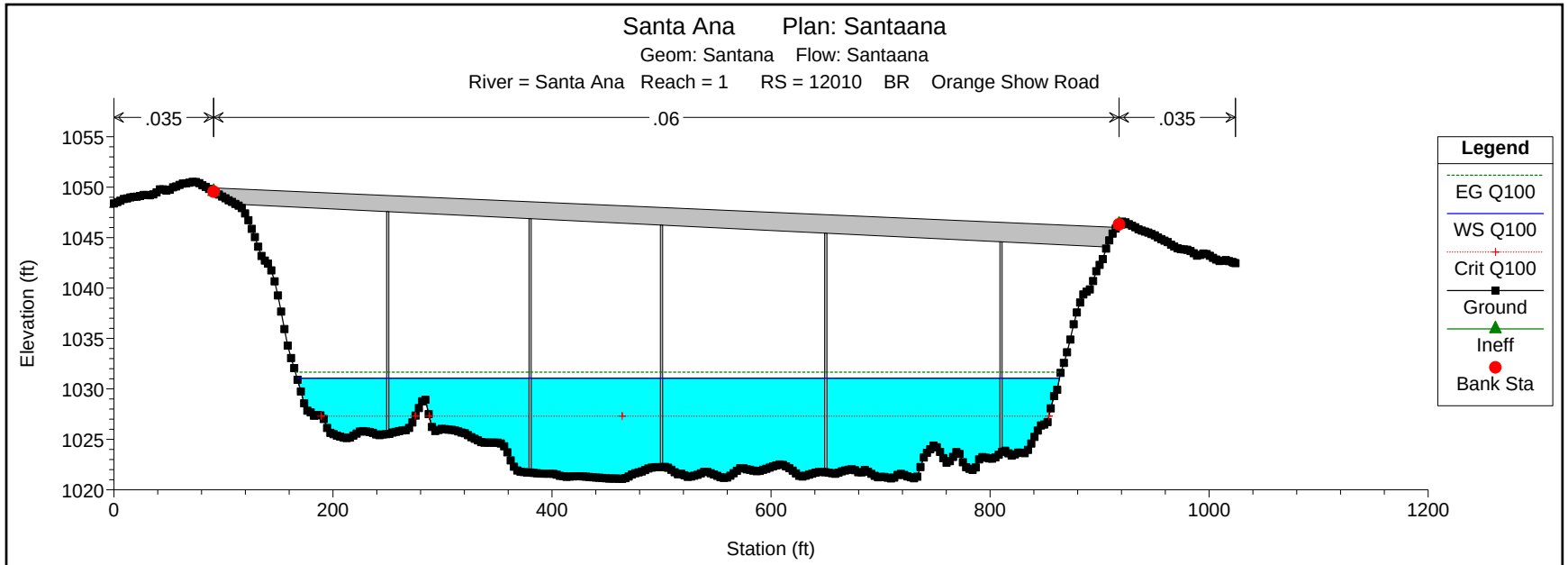

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 12863.59
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

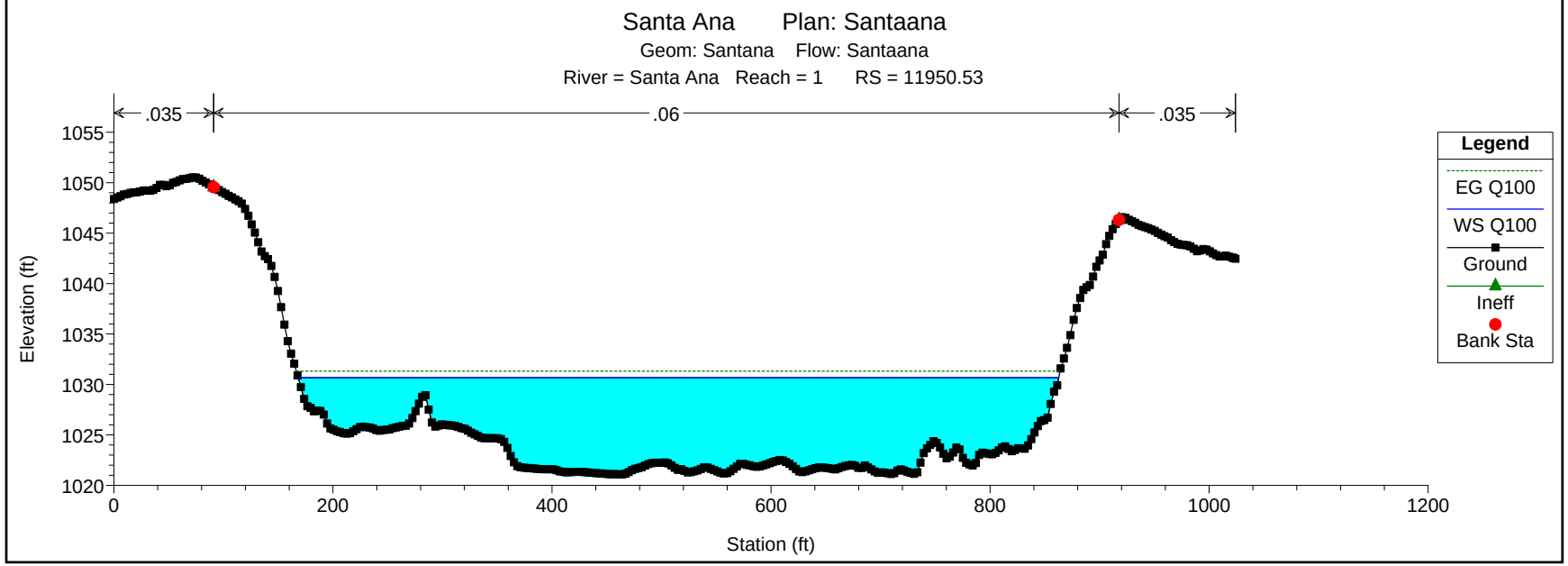

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 12563.51
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

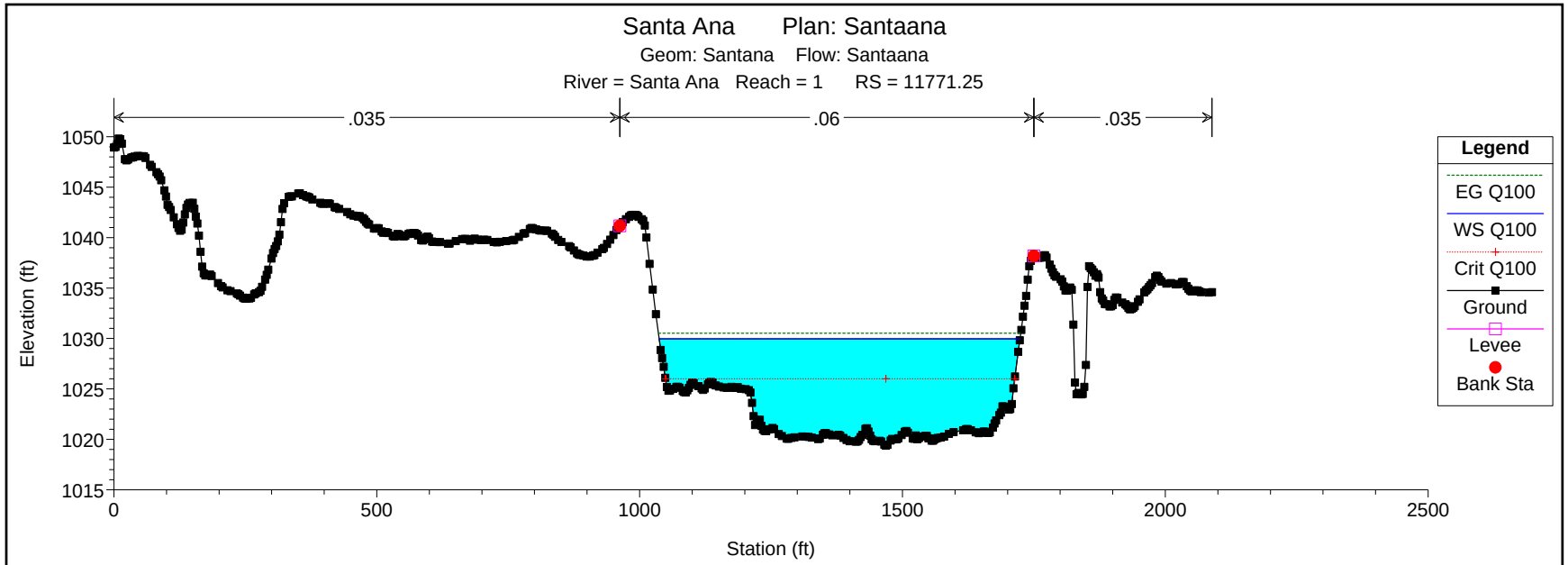

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 12292.93
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

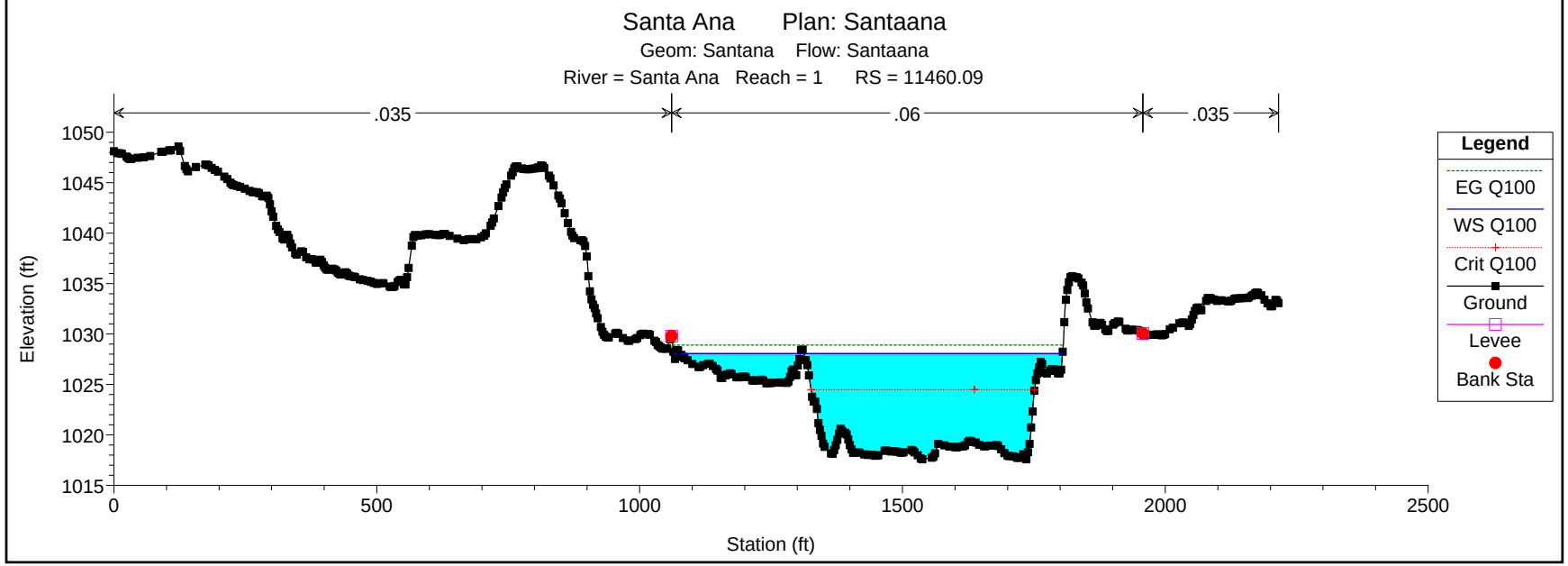

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 12069.25
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

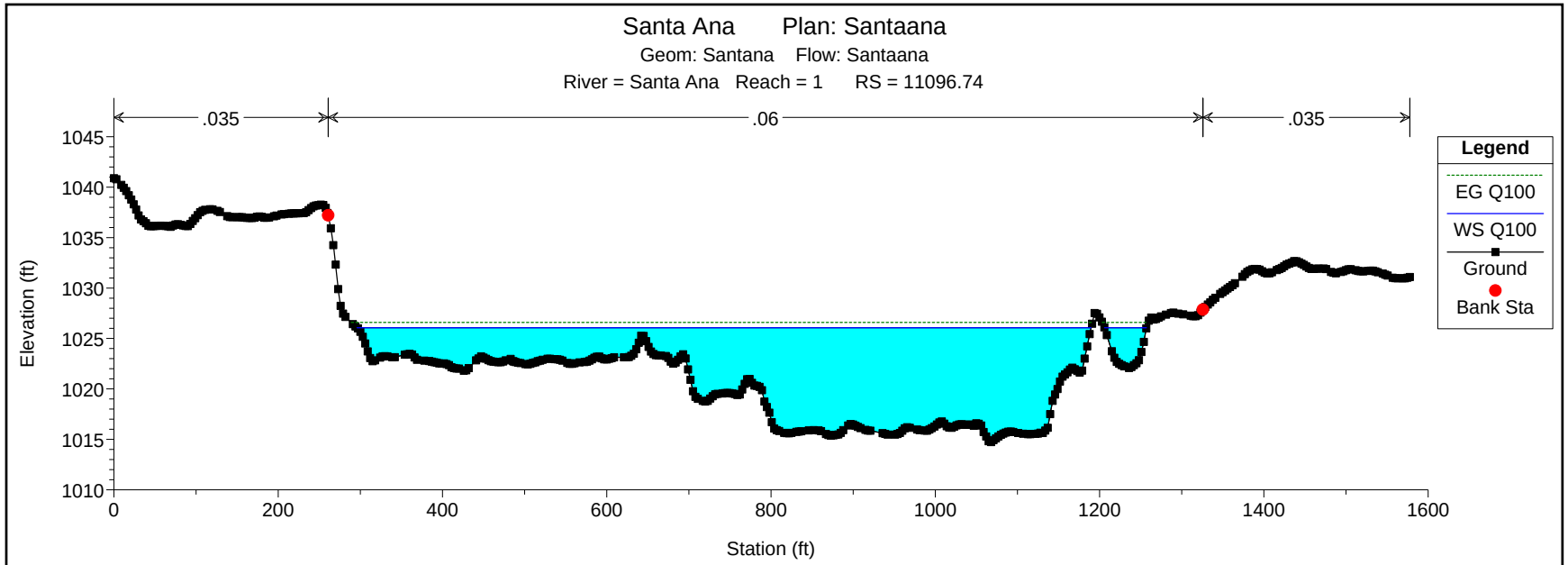

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 12010 BR Orange Show Road
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

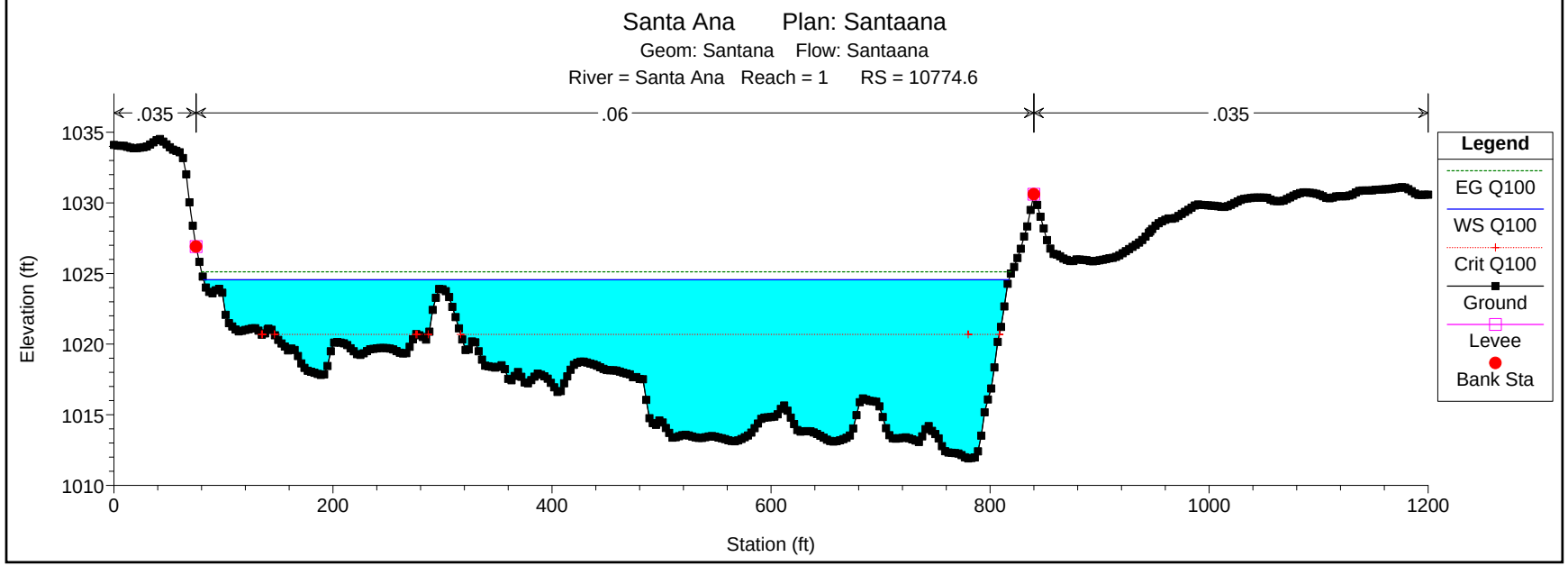

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 12010 BR Orange Show Road
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

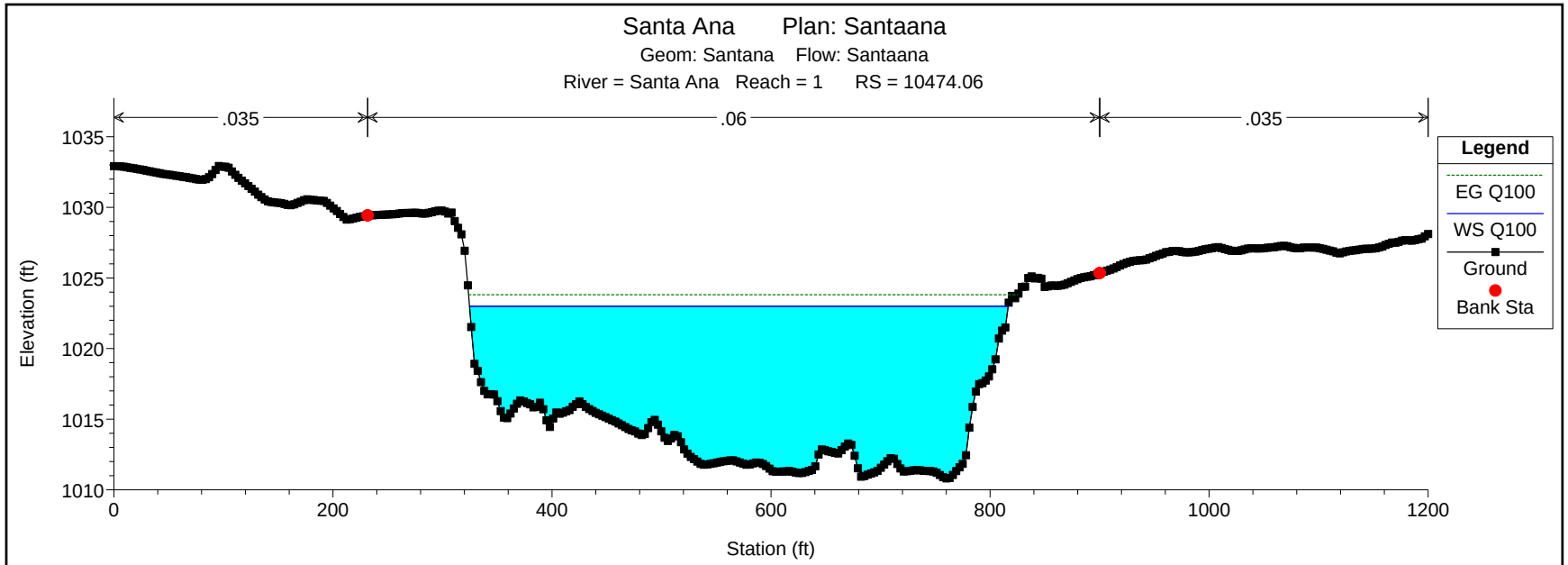

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 11950.53
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Ineff
Bank Sta

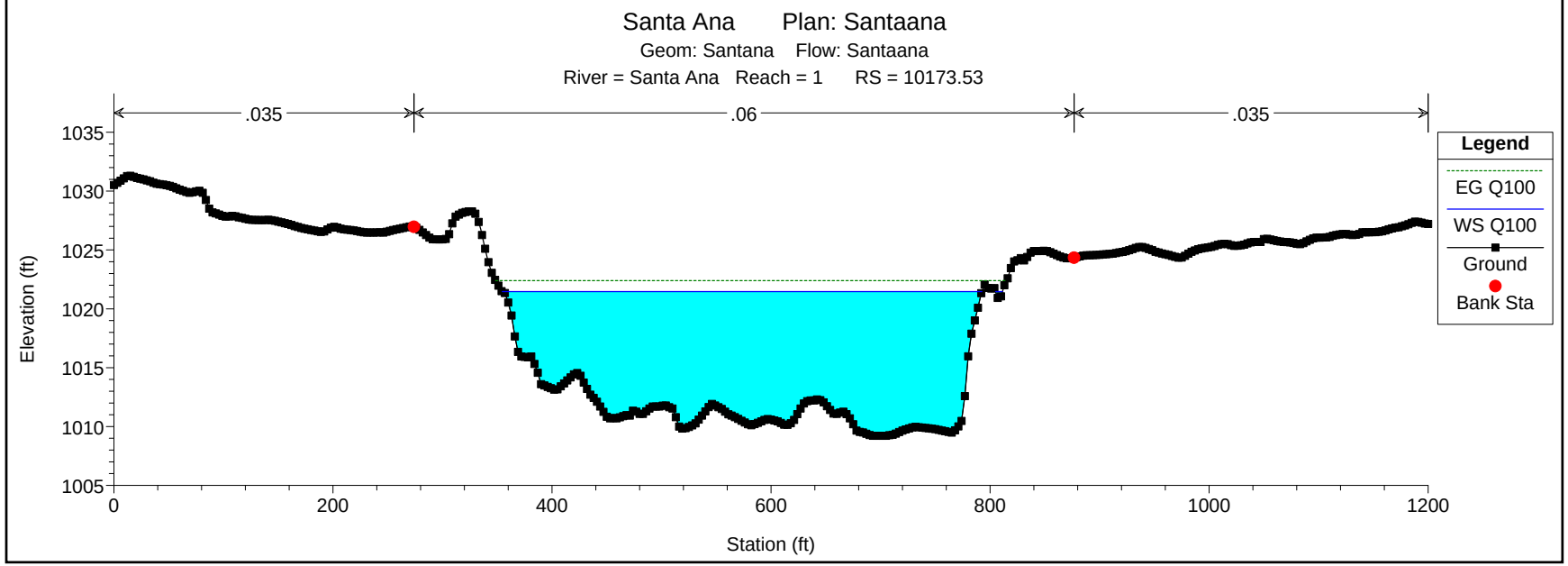

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 11771.25
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

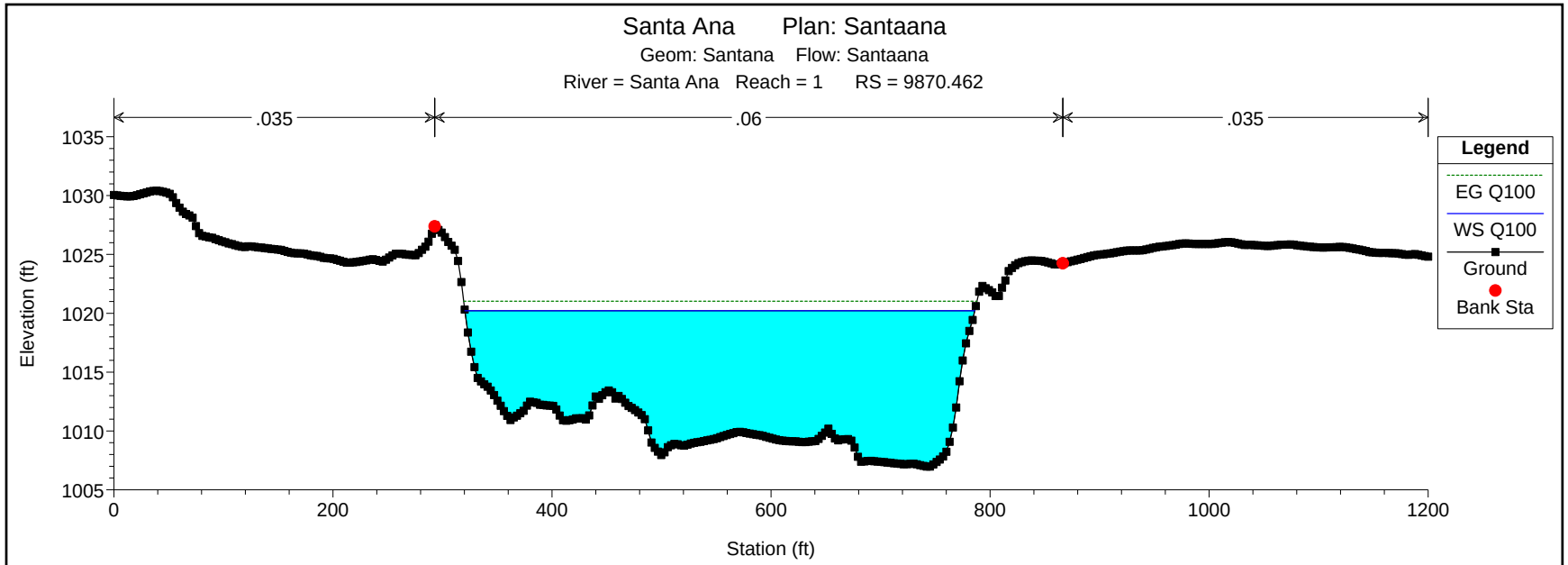

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 11460.09
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

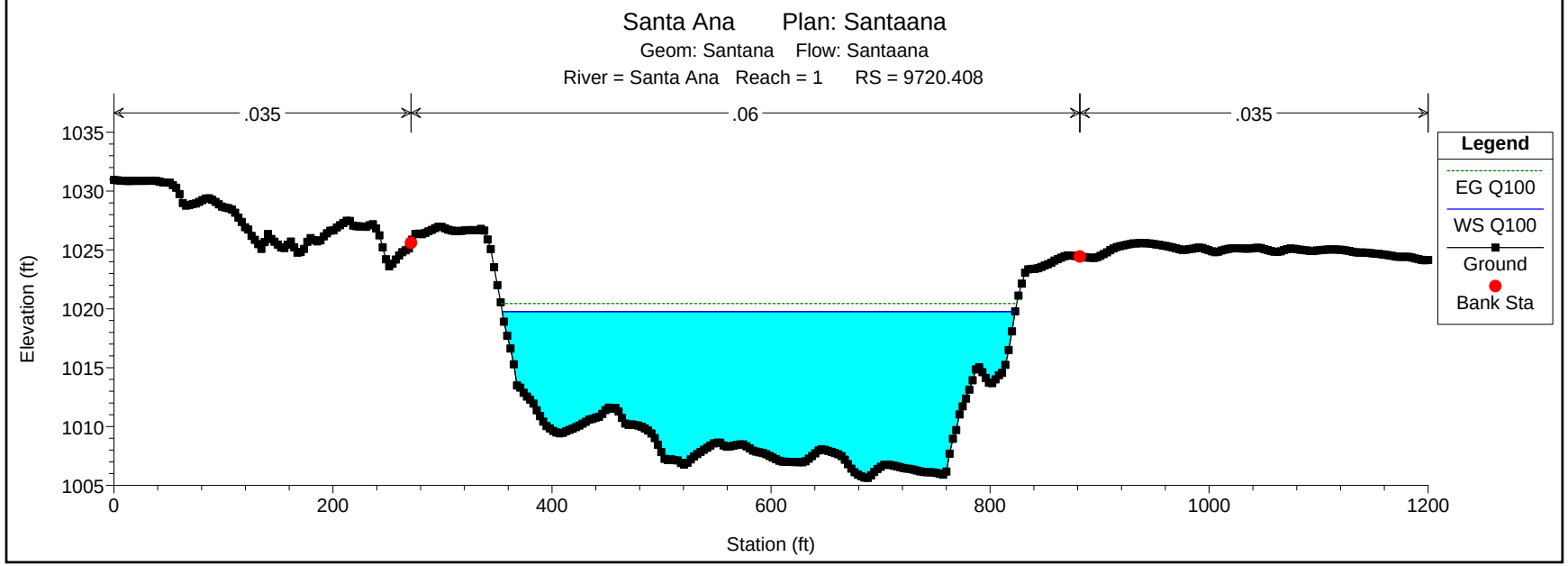

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 11096.74
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

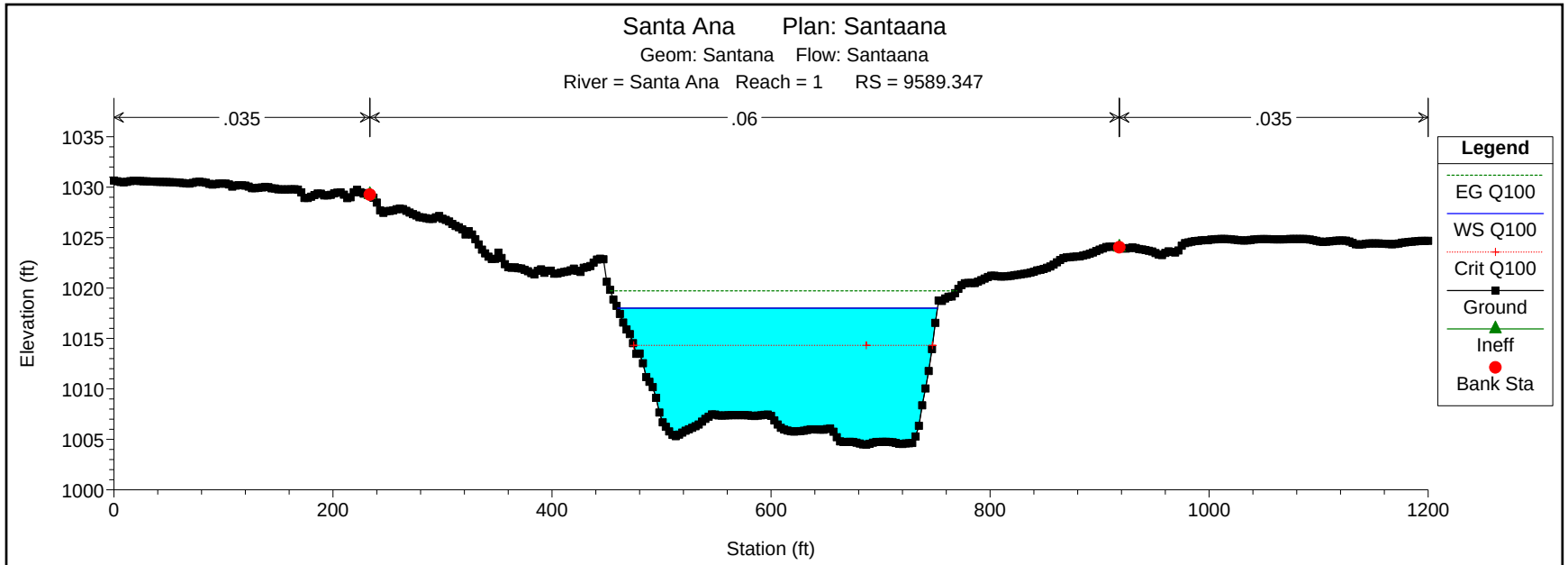

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 10774.6
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

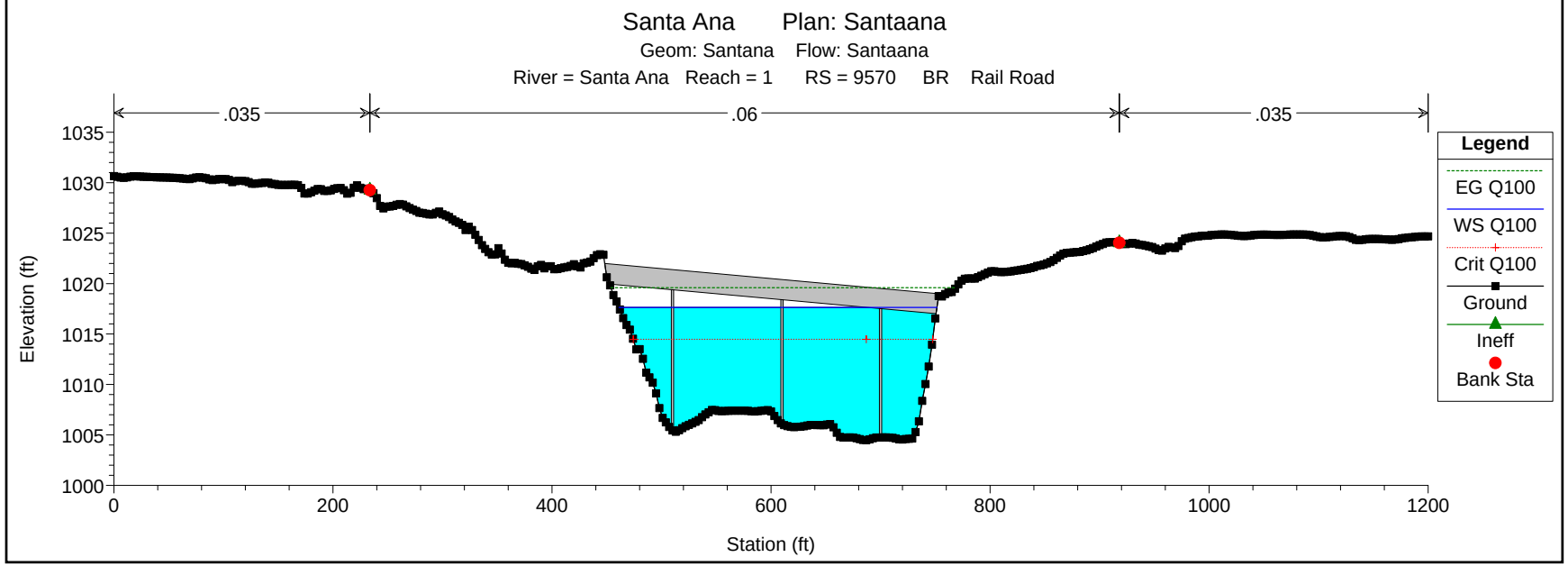

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 10474.06
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

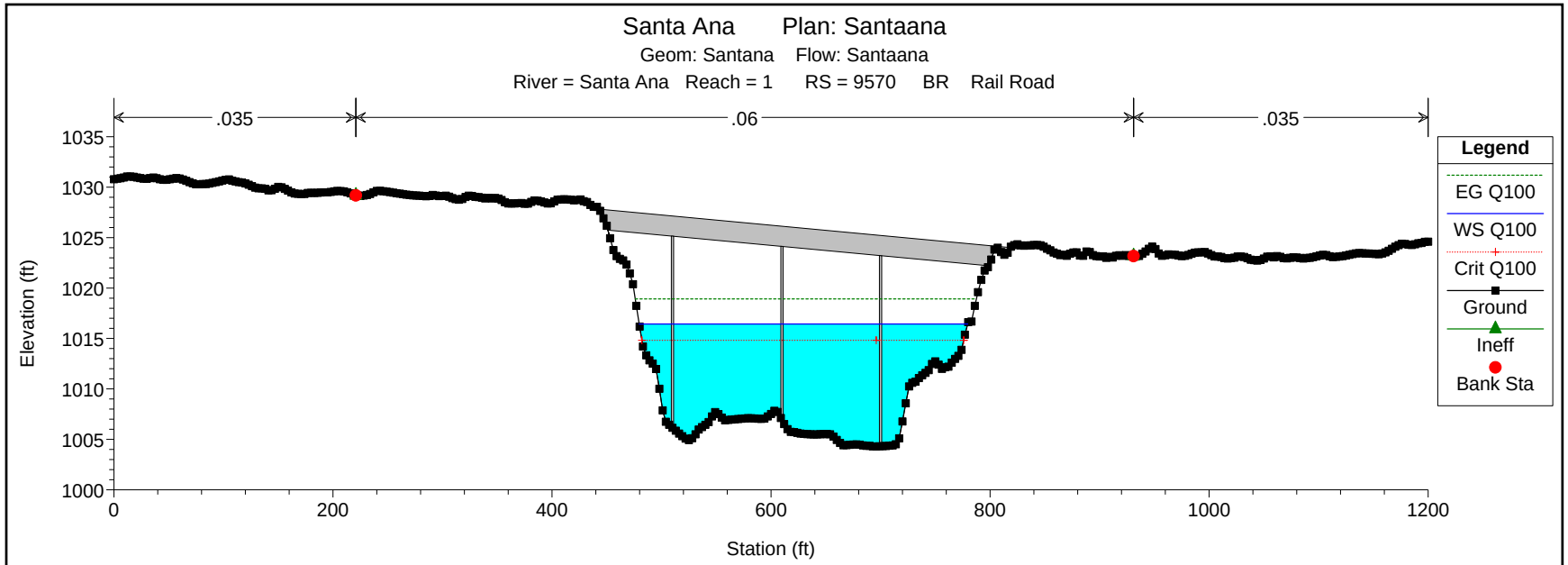

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 10173.53
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

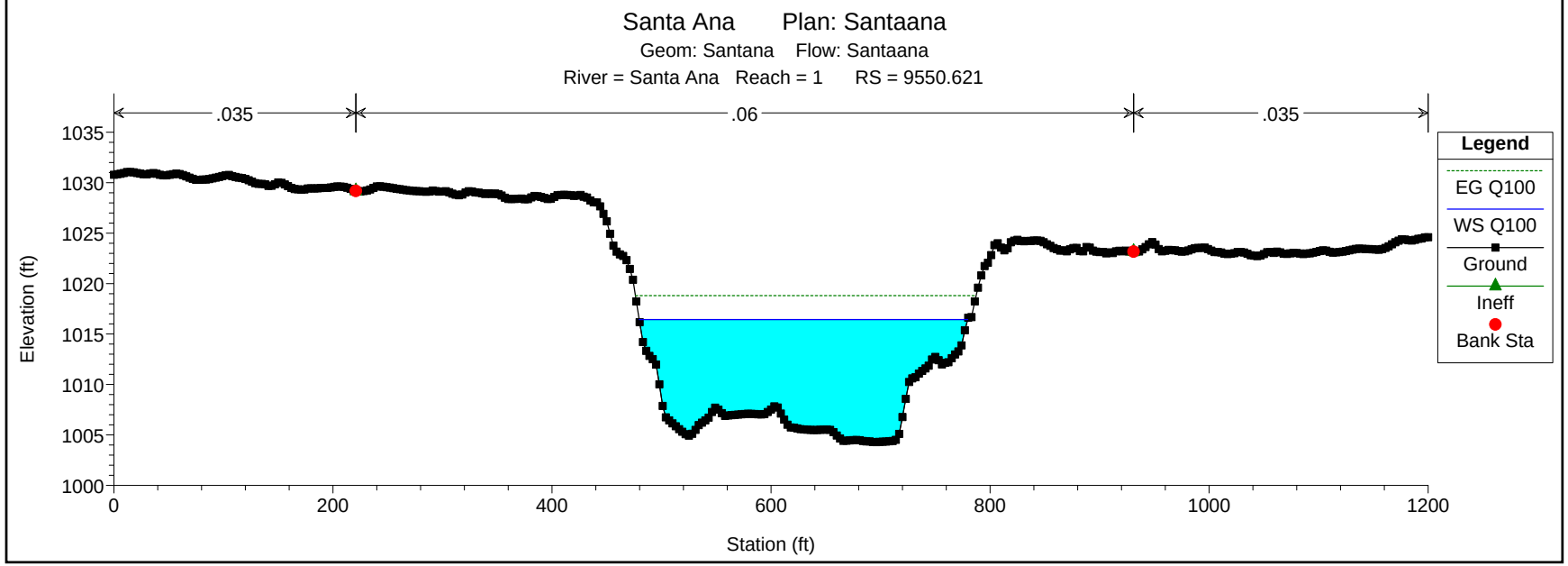

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 9870.462
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

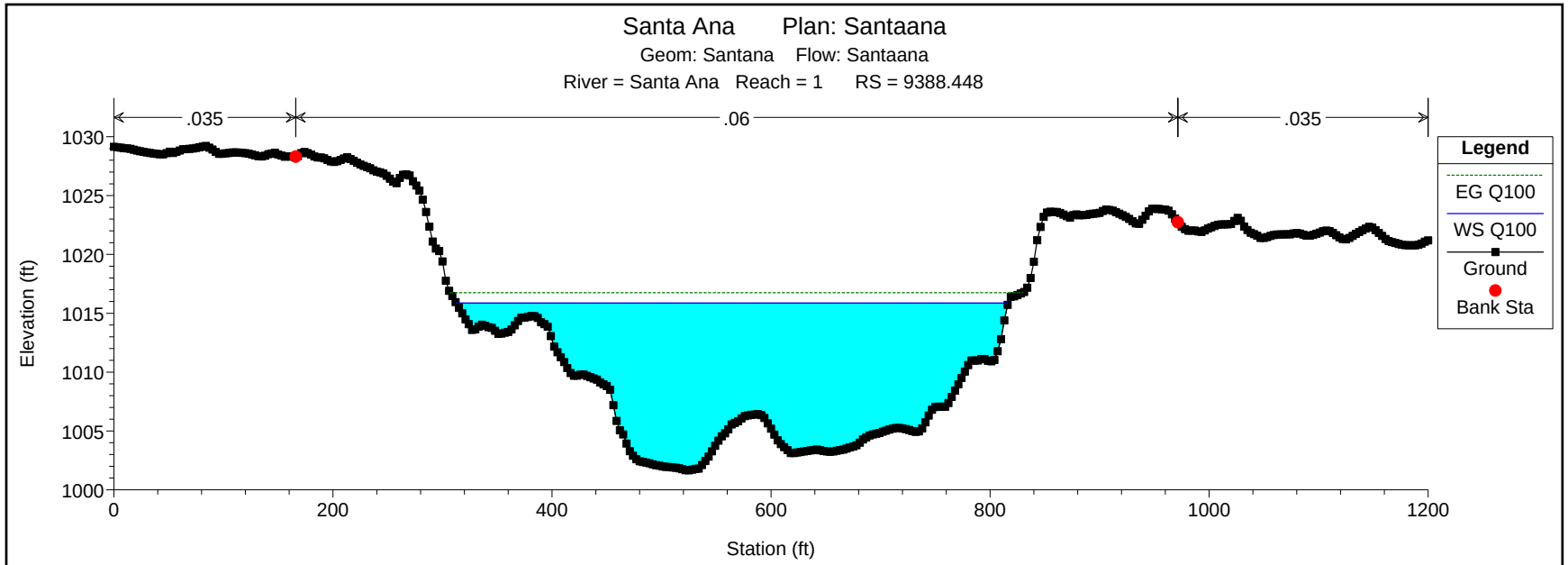

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 9720.408
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

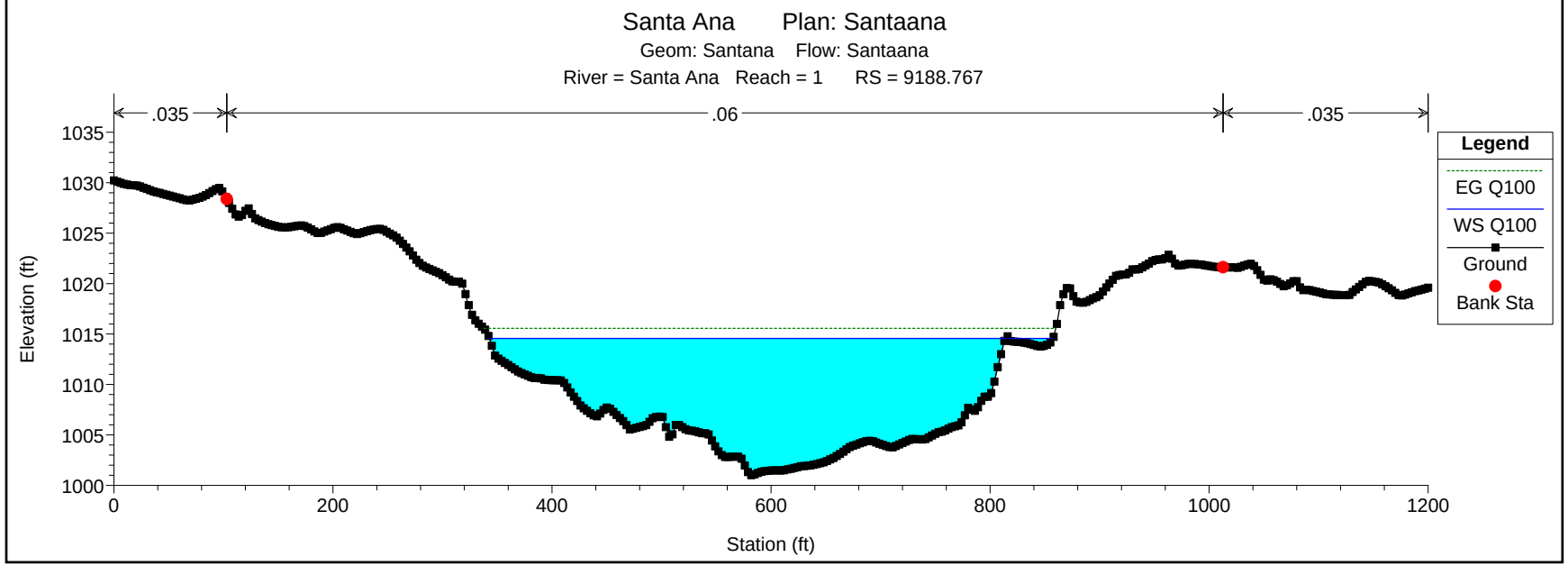

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 9589.347
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

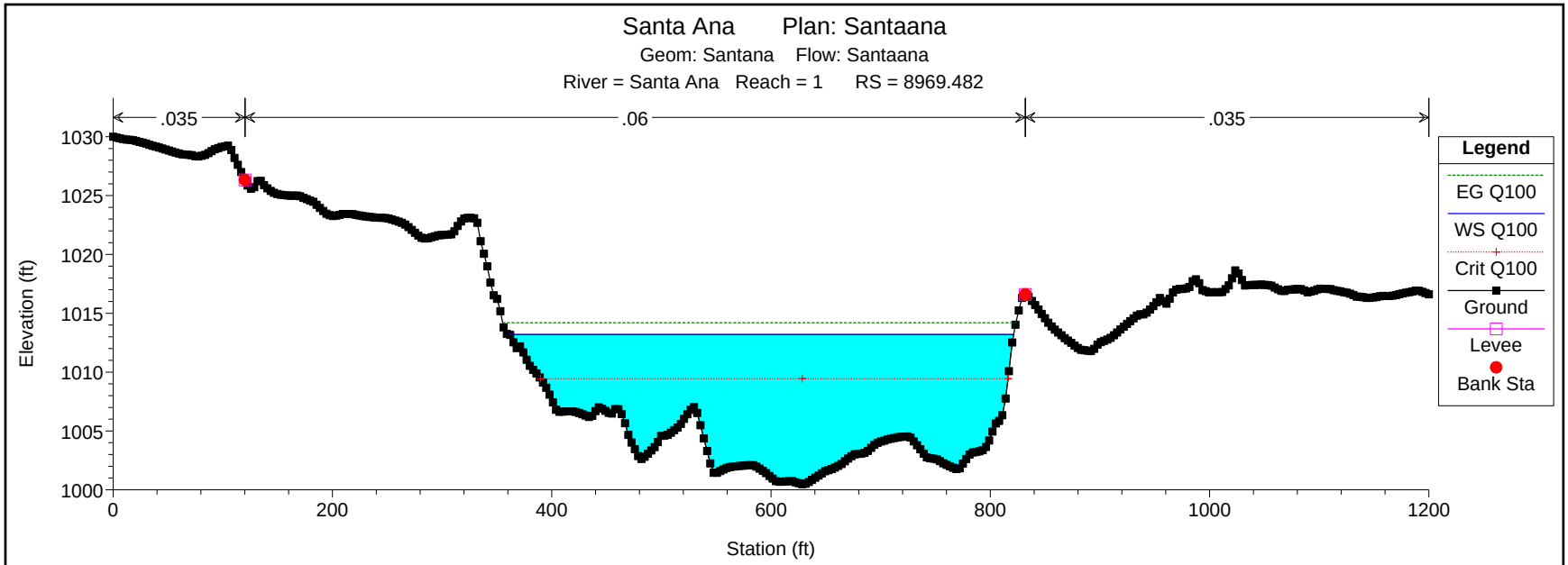

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 9570 BR Rail Road
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

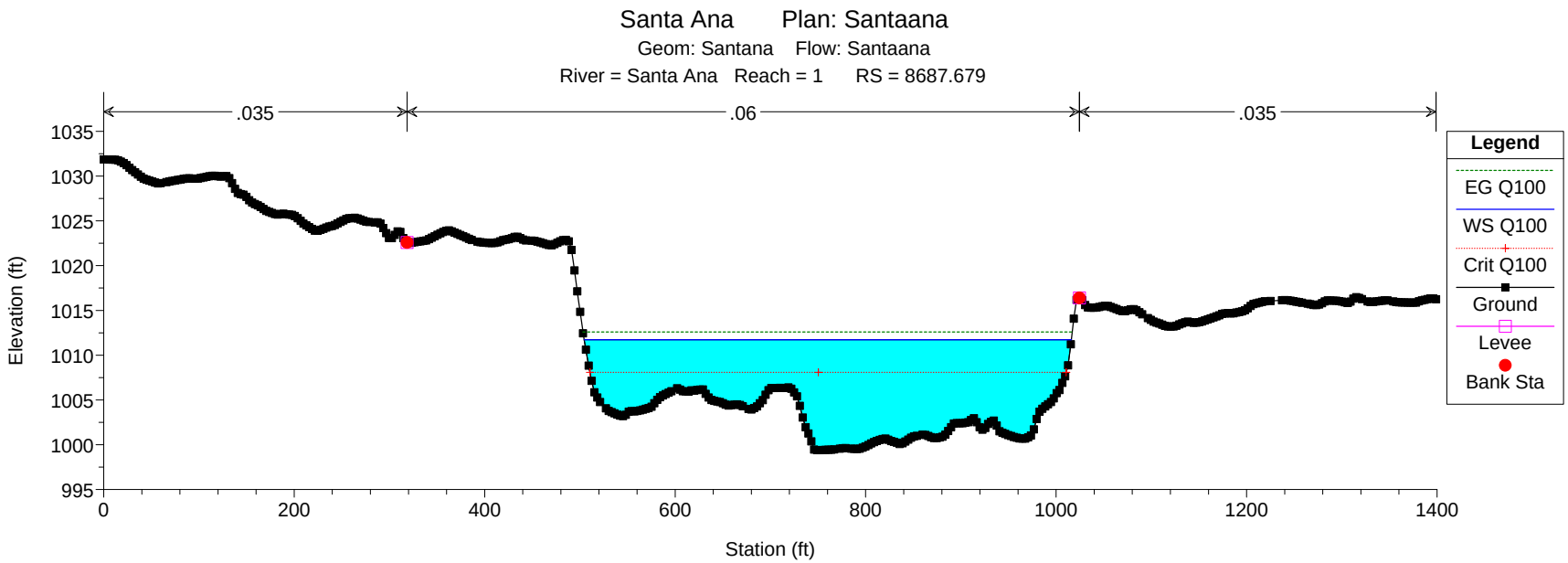

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 9570 BR Rail Road
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

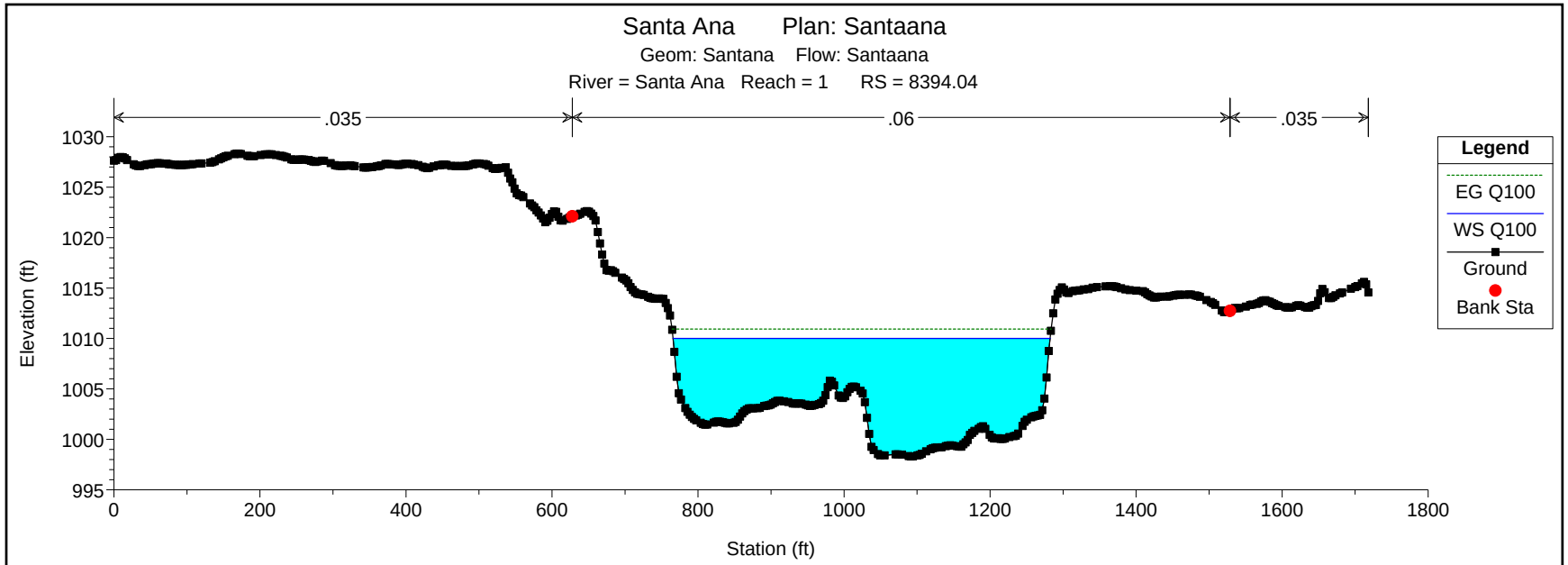

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 9550.621
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Ineff
Bank Sta

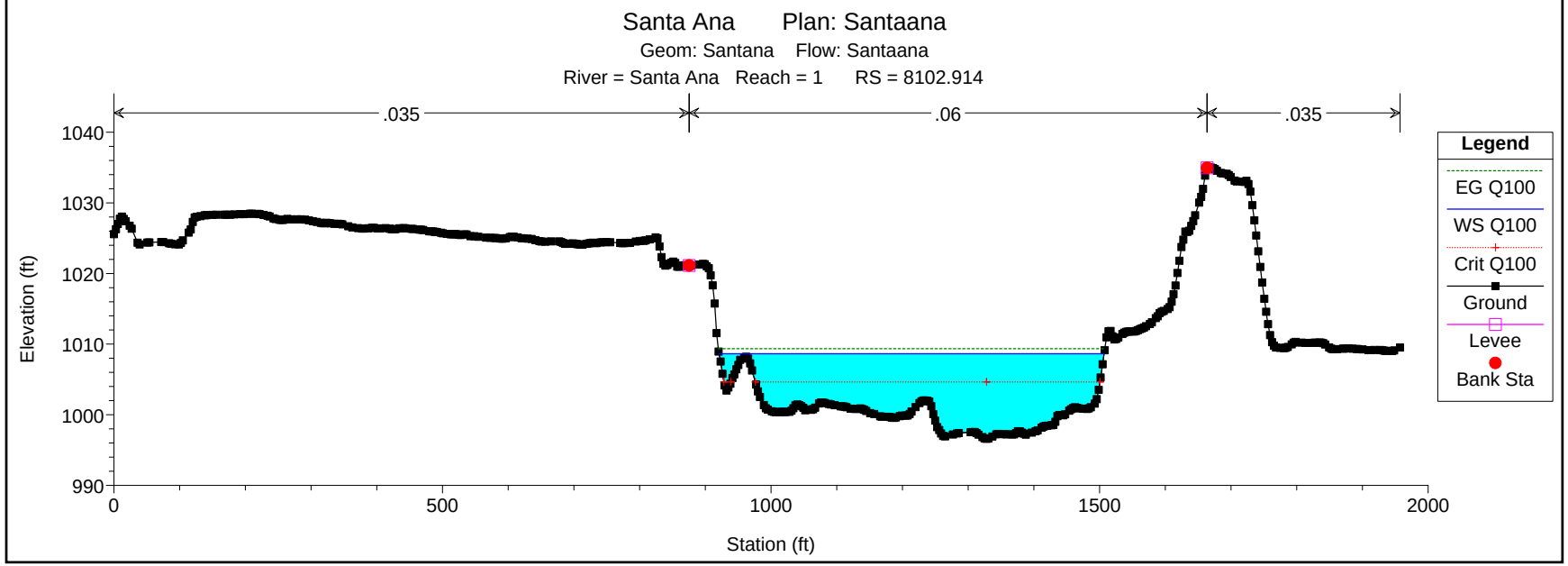

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 9388.448
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

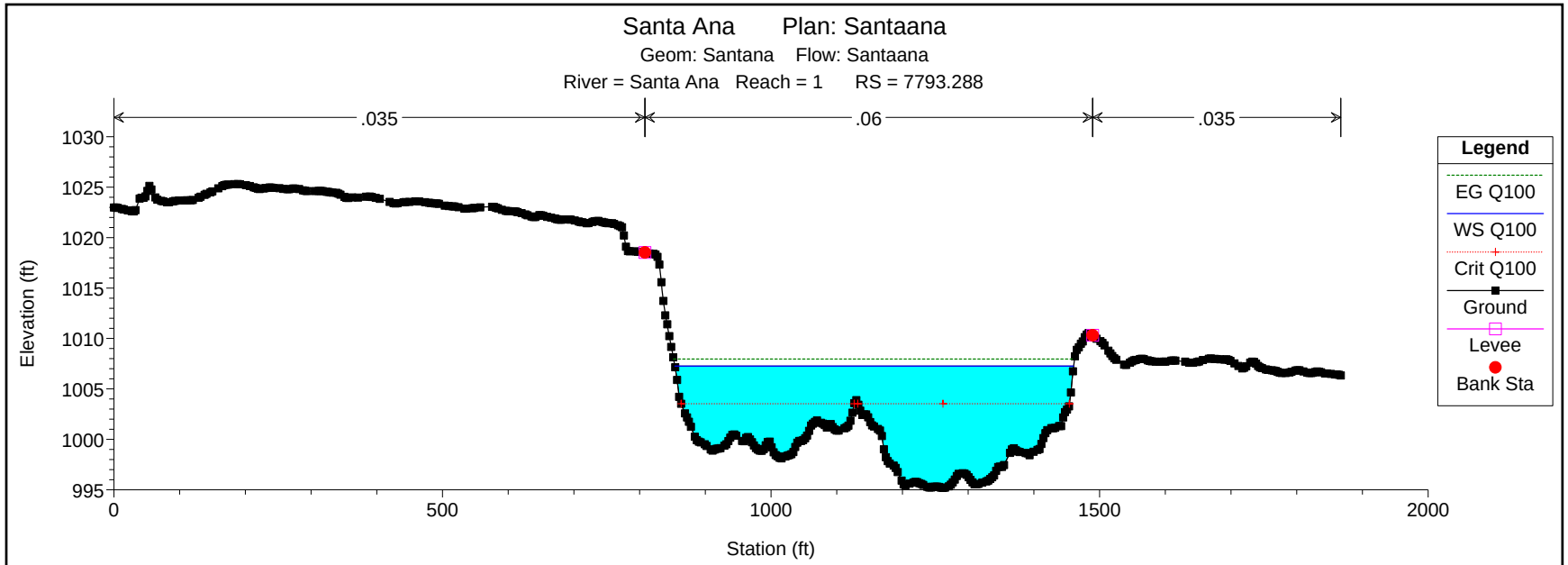

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 9188.767
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

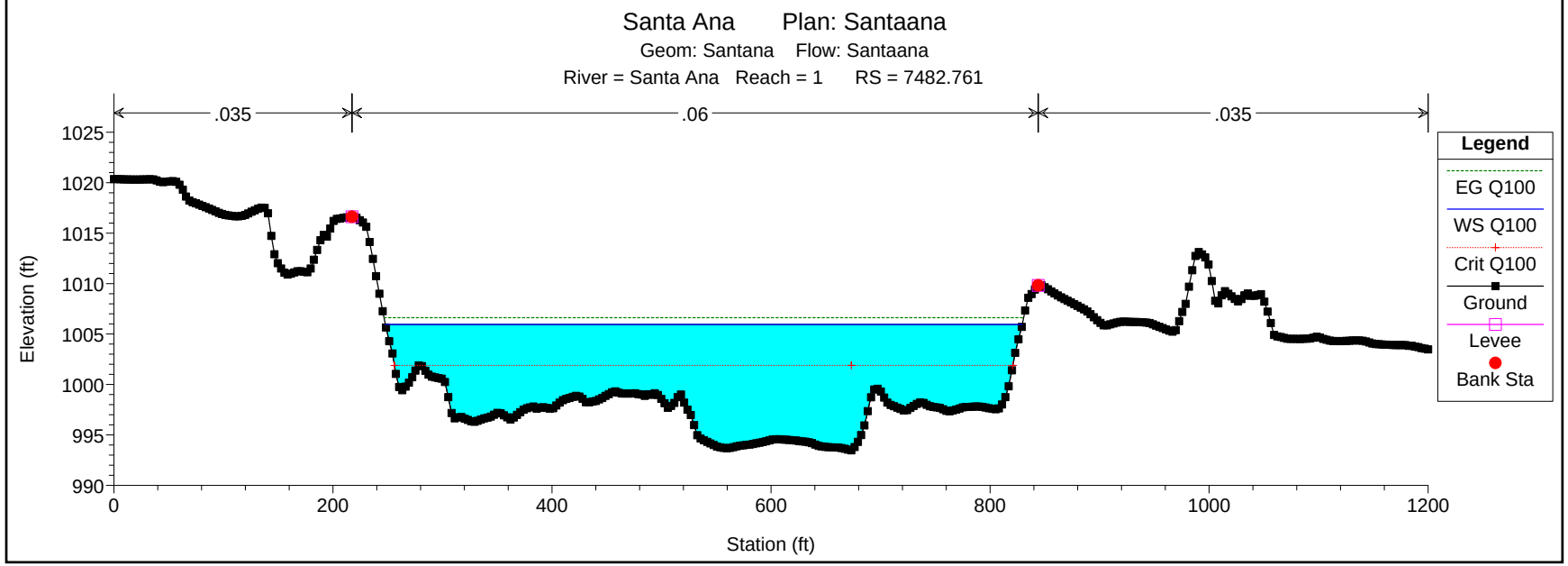

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 8969.482
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

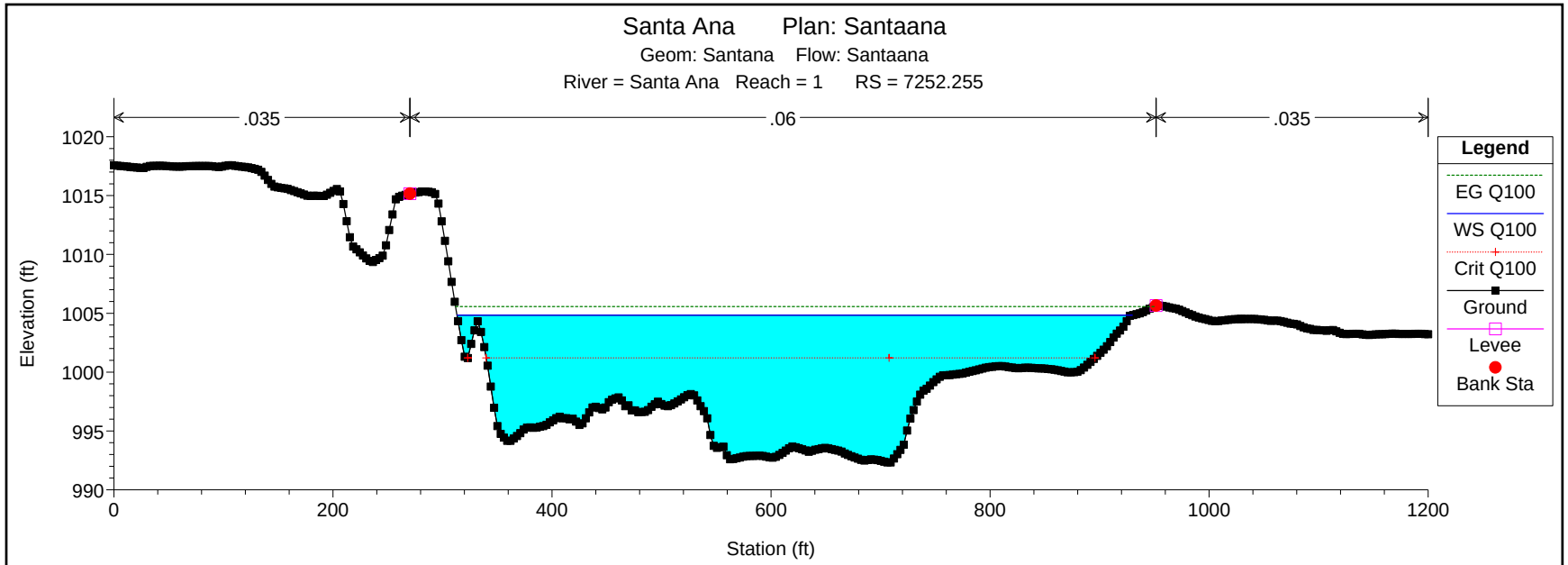

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 8687.679
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

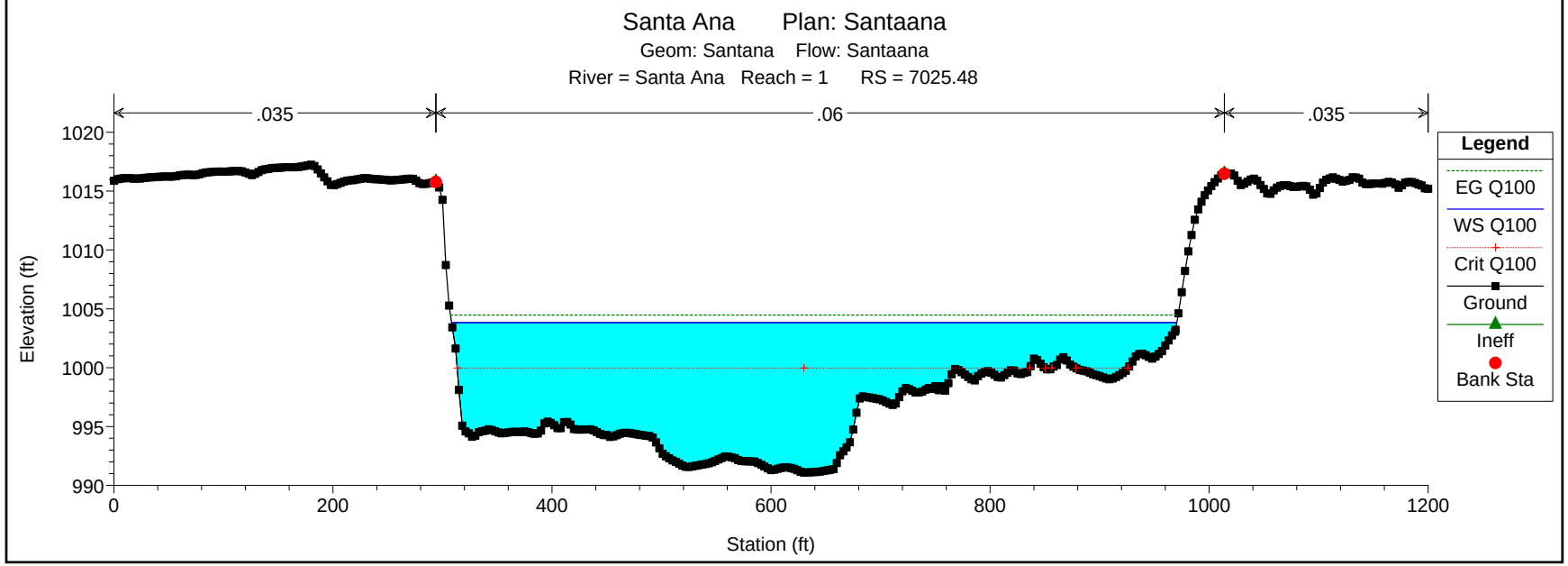

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 8394.04
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

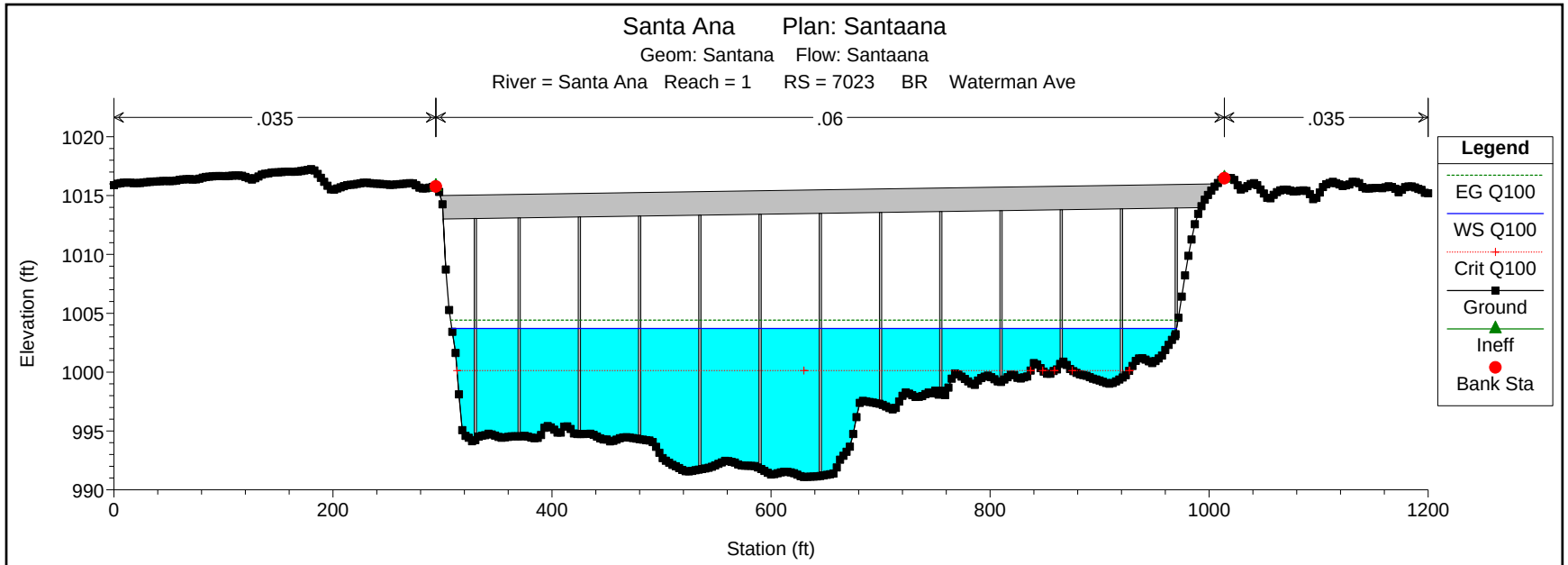

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 8102.914
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

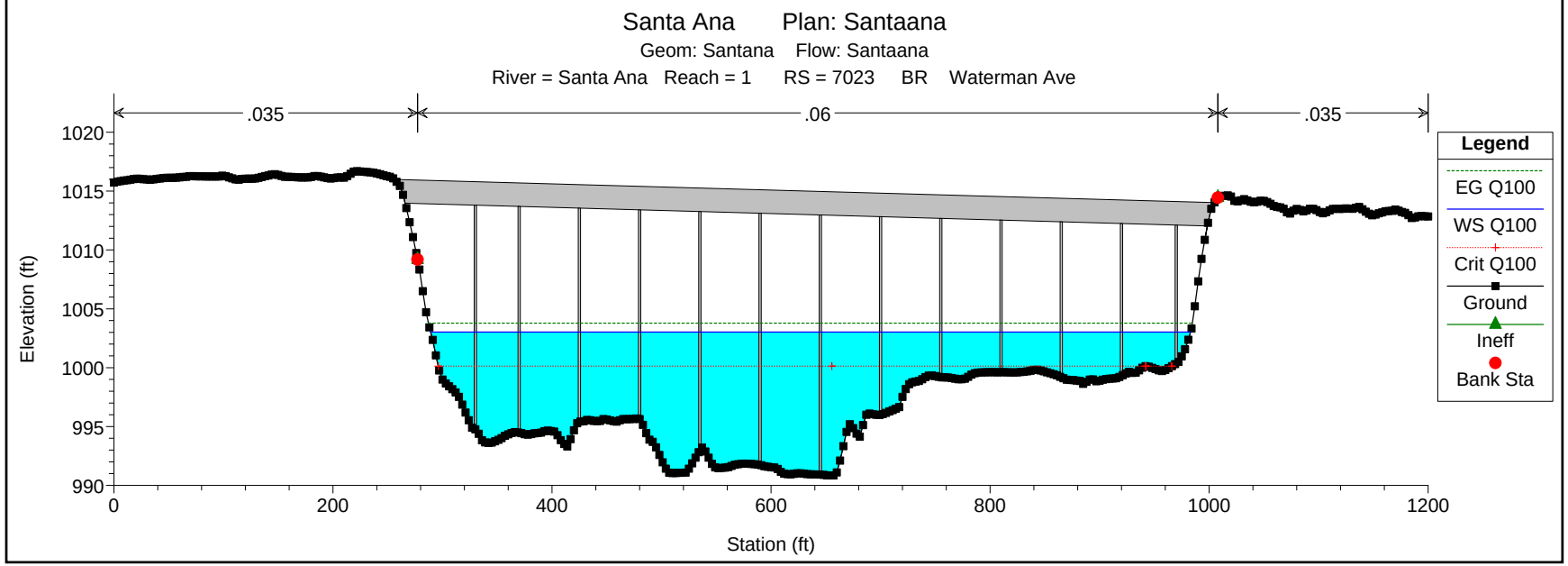

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 7793.288
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

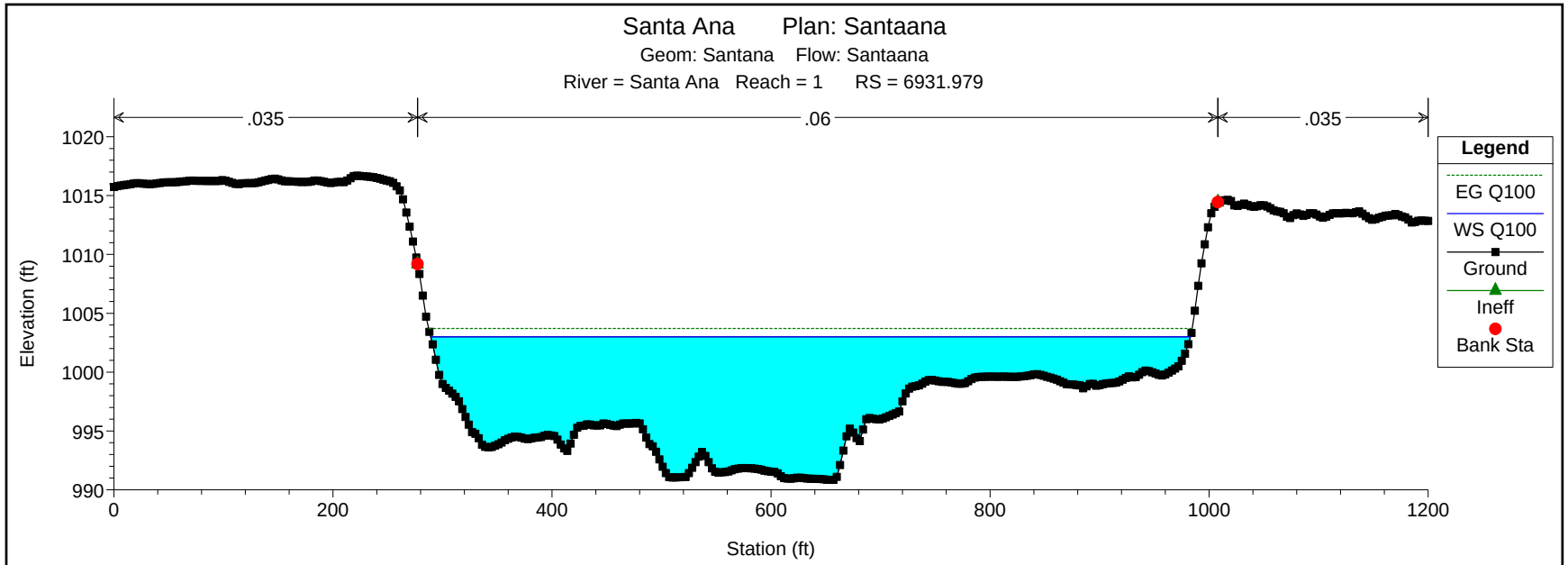

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 7482.761
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

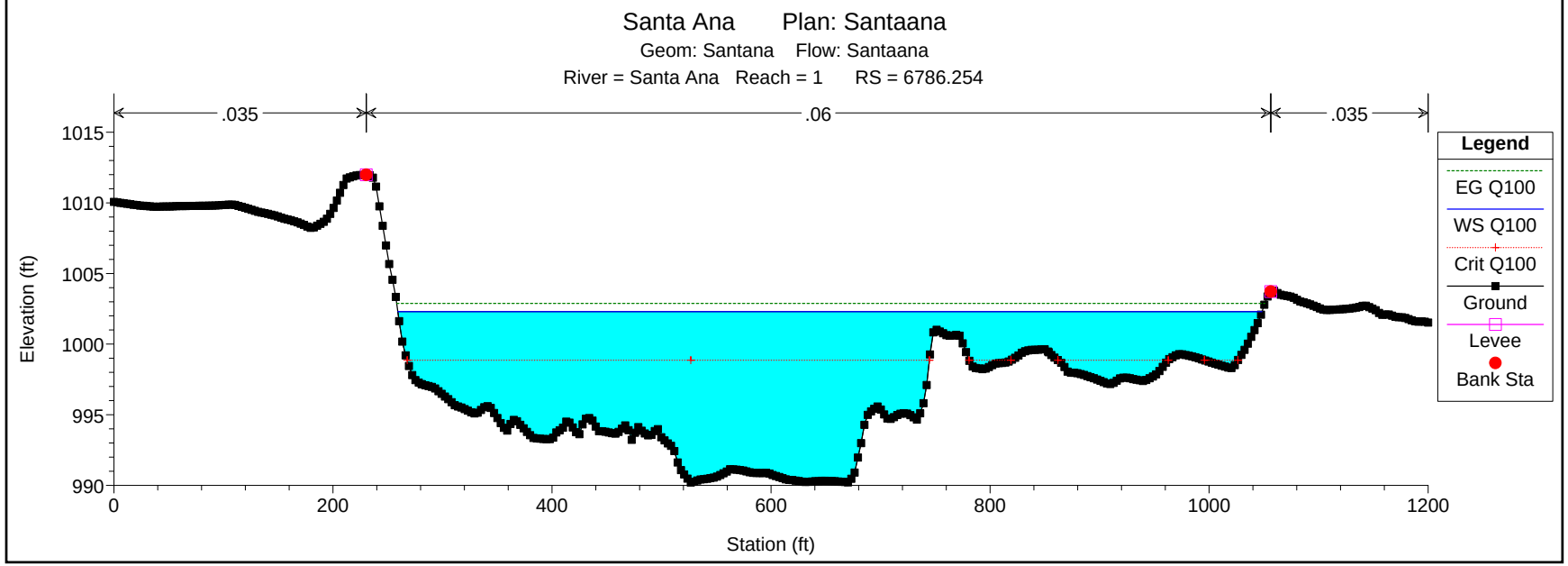

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 7252.255
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

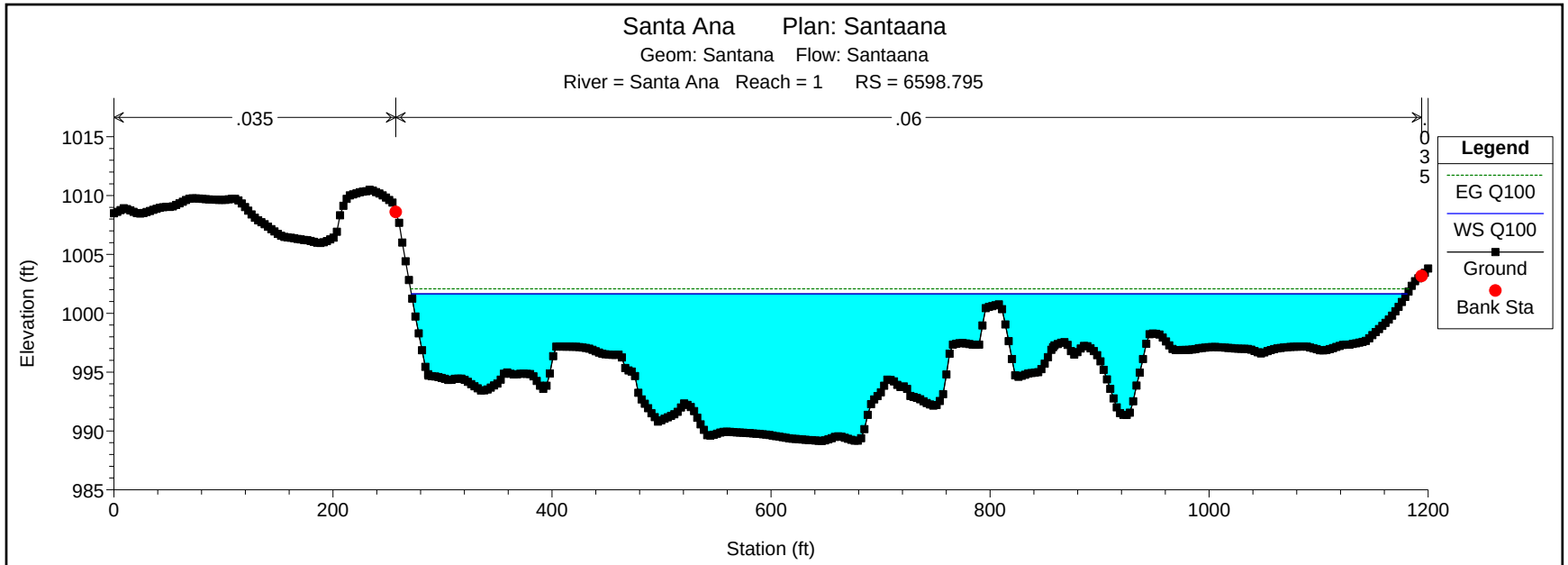

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 7025.48
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

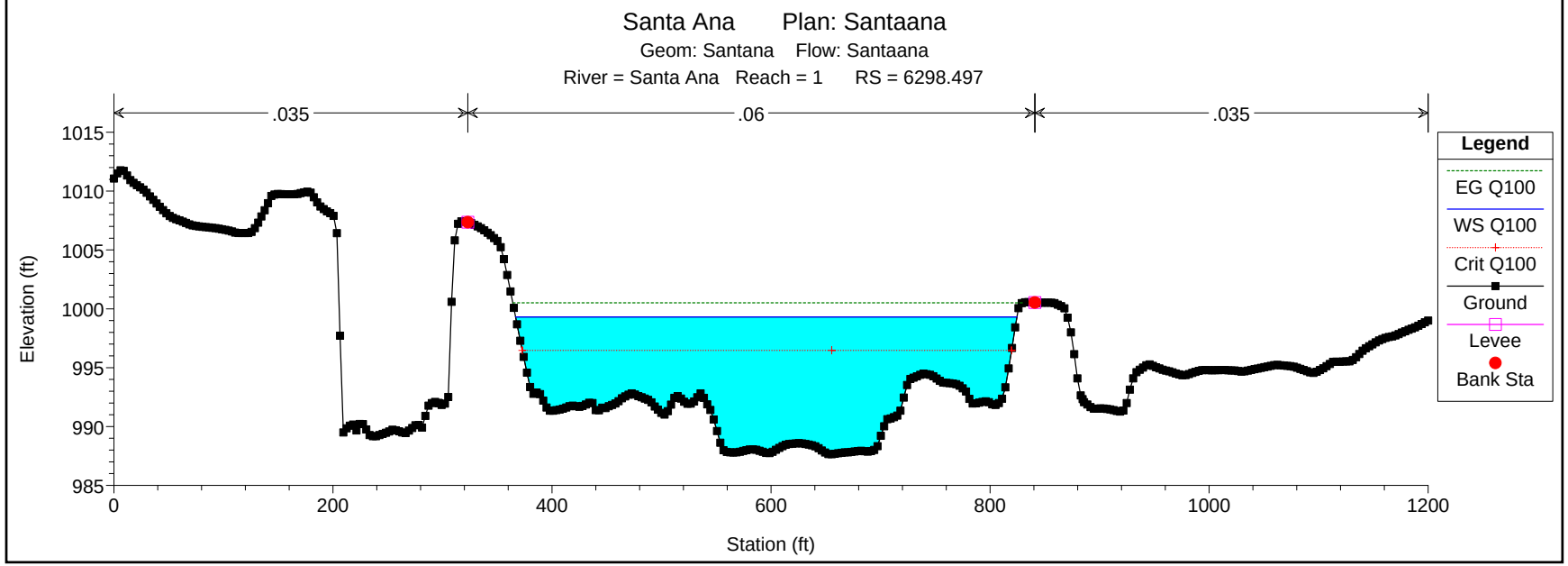

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 7023 BR Waterman Ave
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

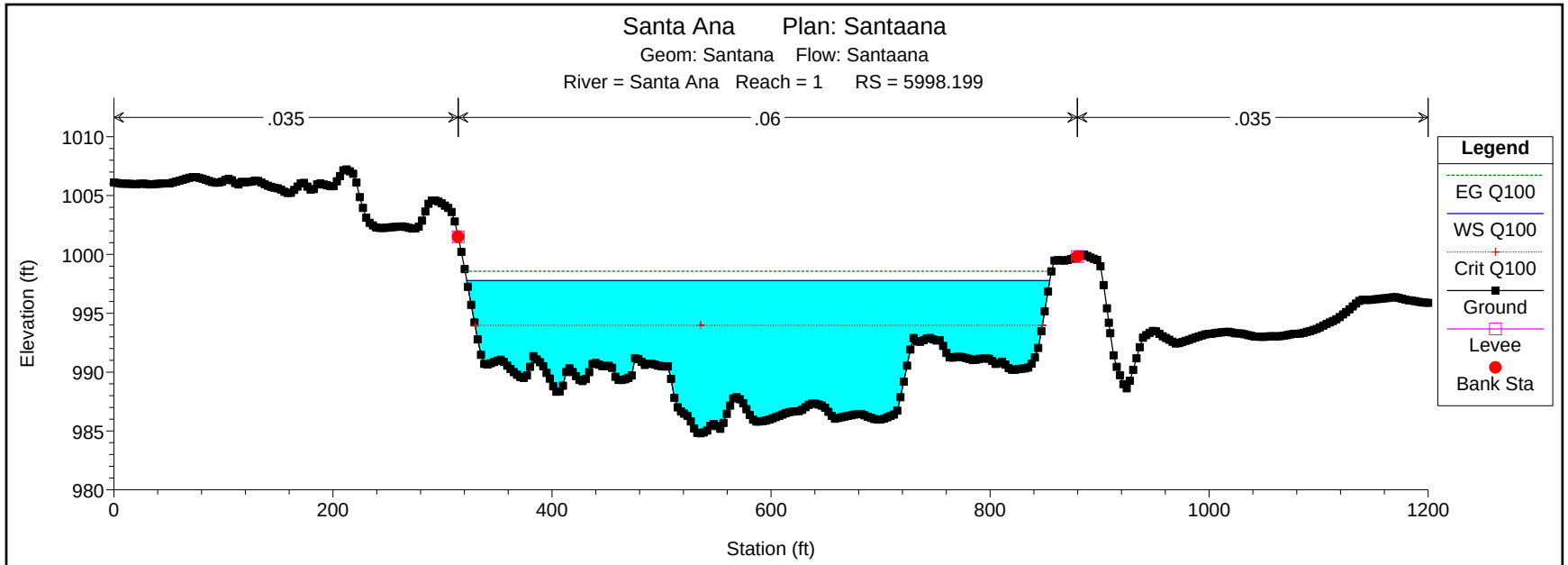

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 7023 BR Waterman Ave
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Ineff
Bank Sta

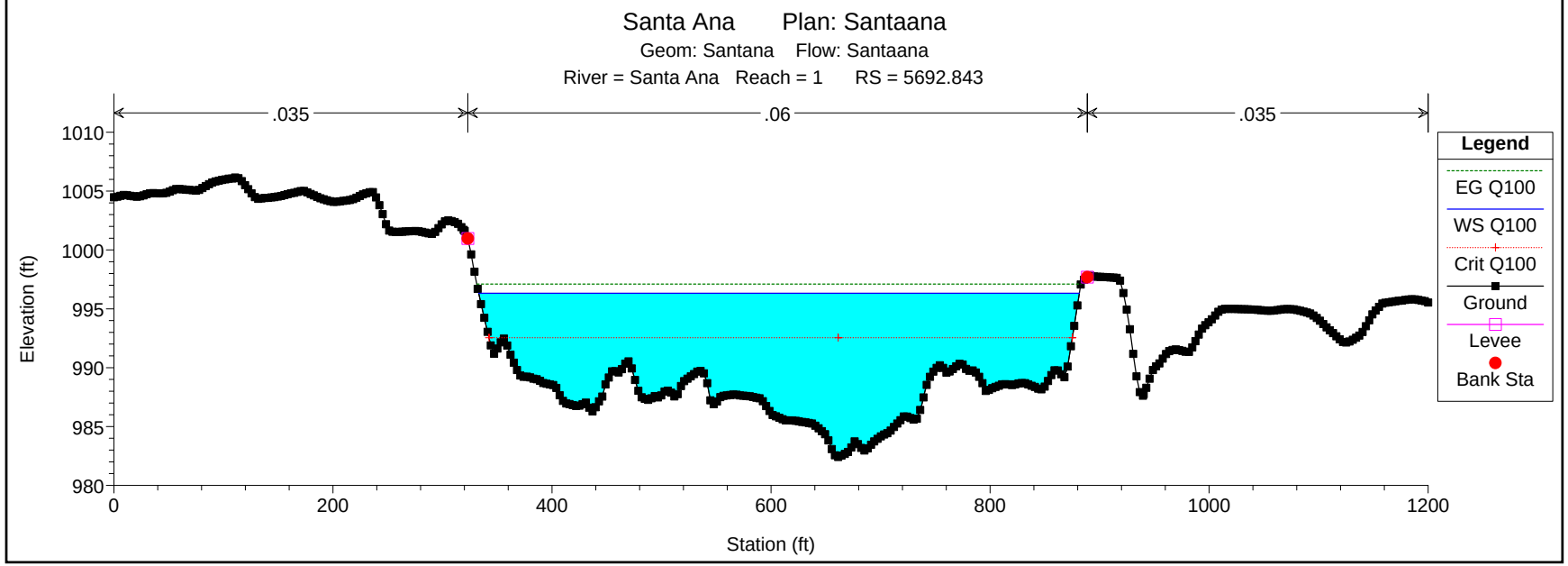

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 6931.979
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Ineff
Bank Sta

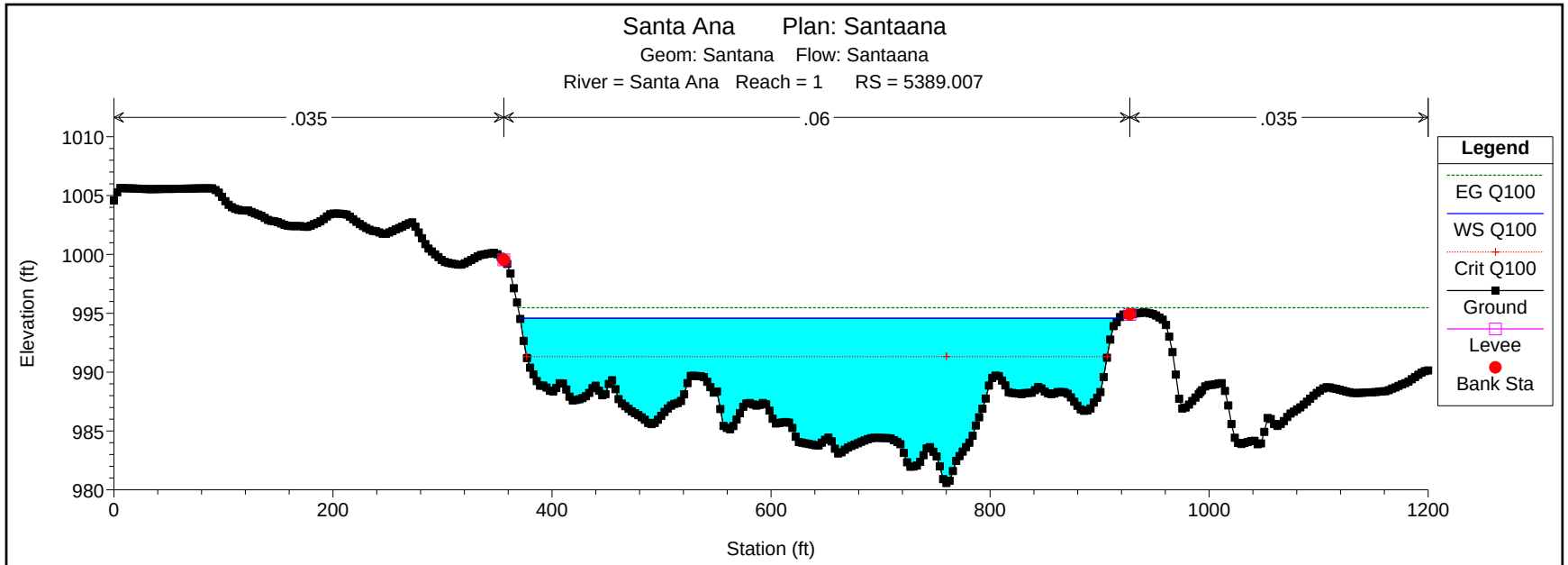

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 6786.254
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

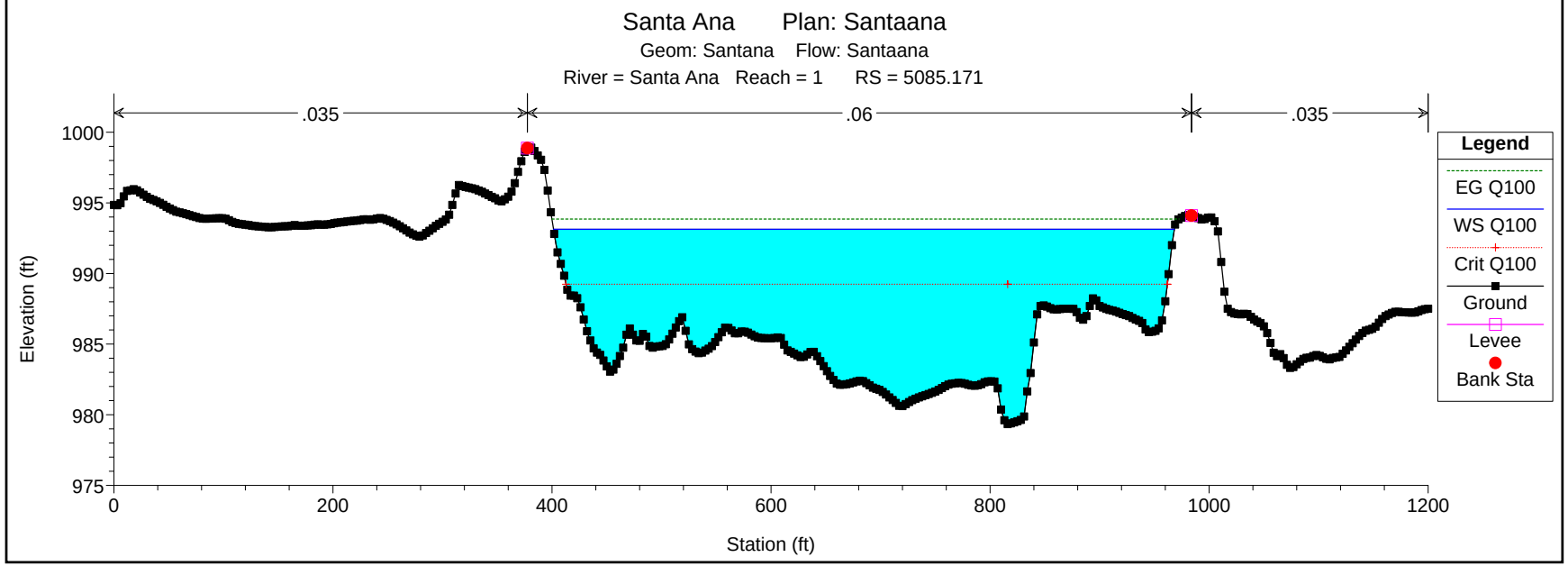

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 6598.795
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Ground
Bank Sta

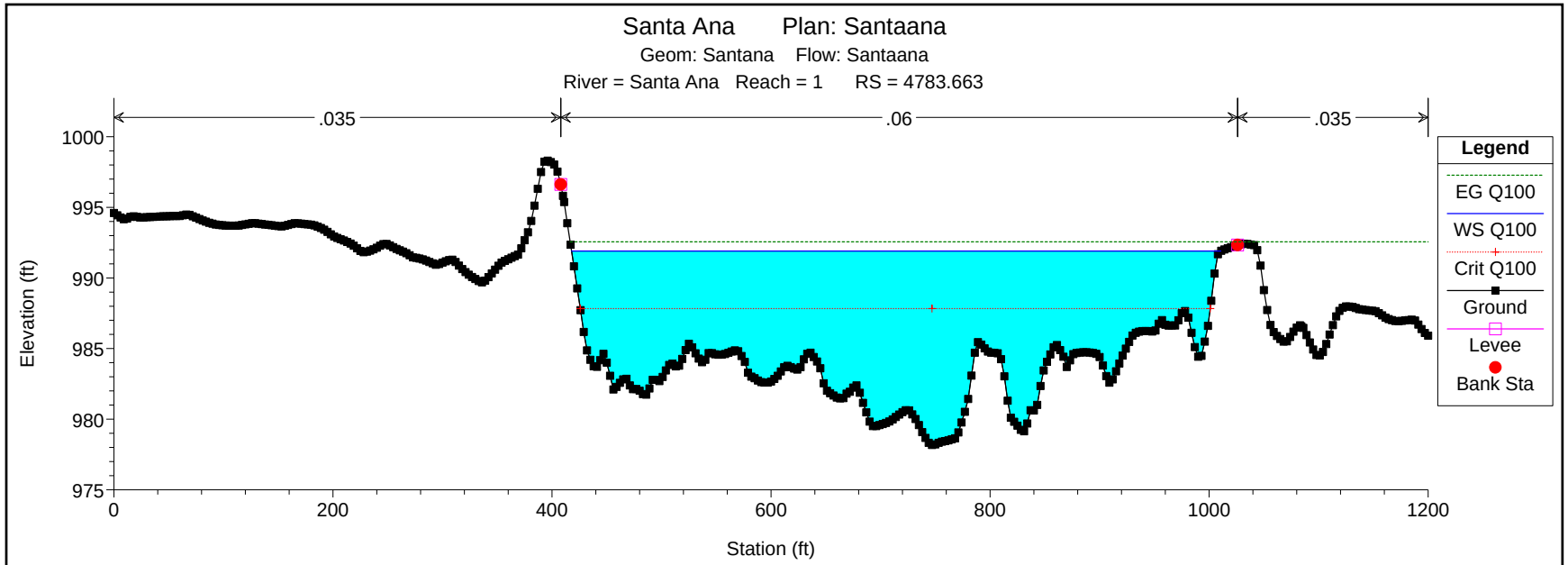

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 6298.497
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

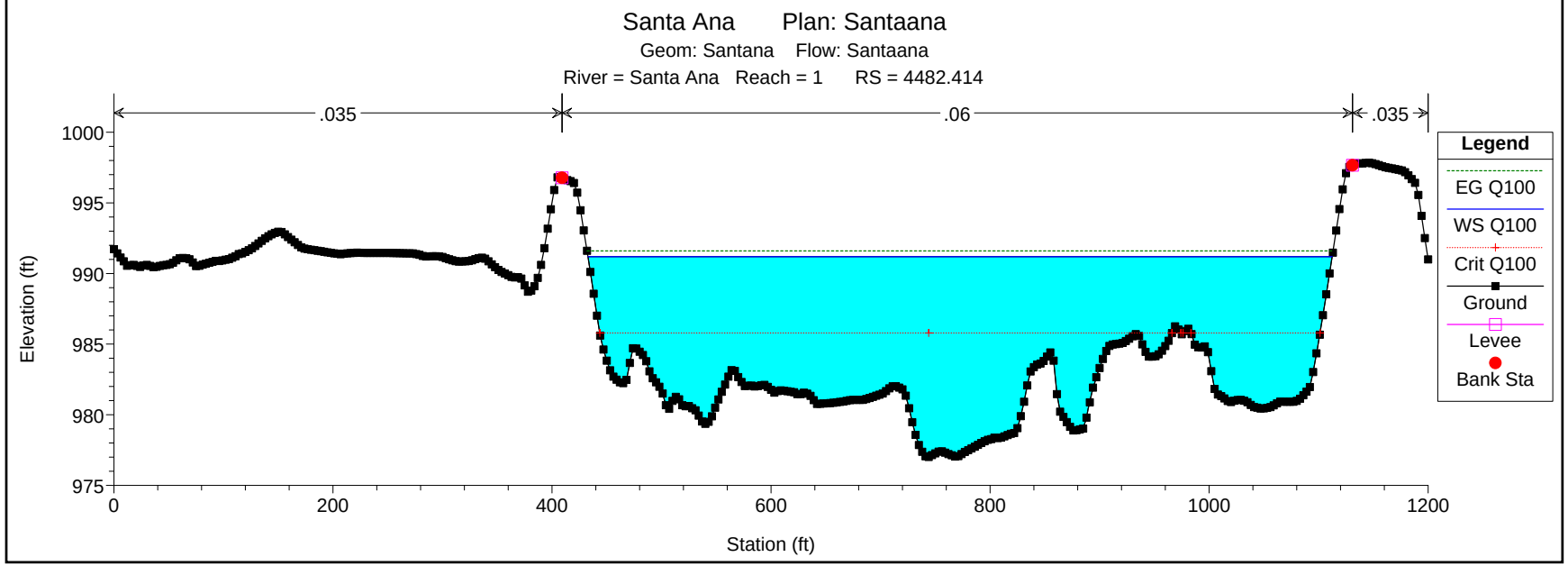

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 5998.199
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

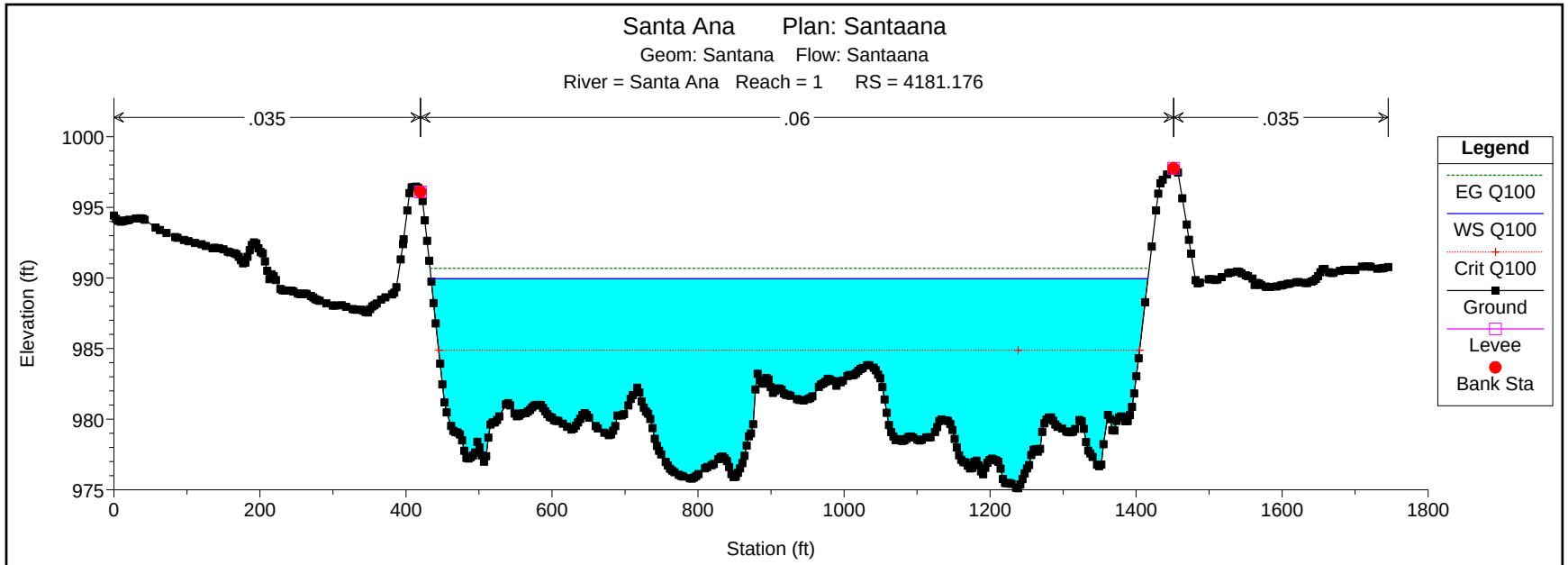

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 5692.843
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

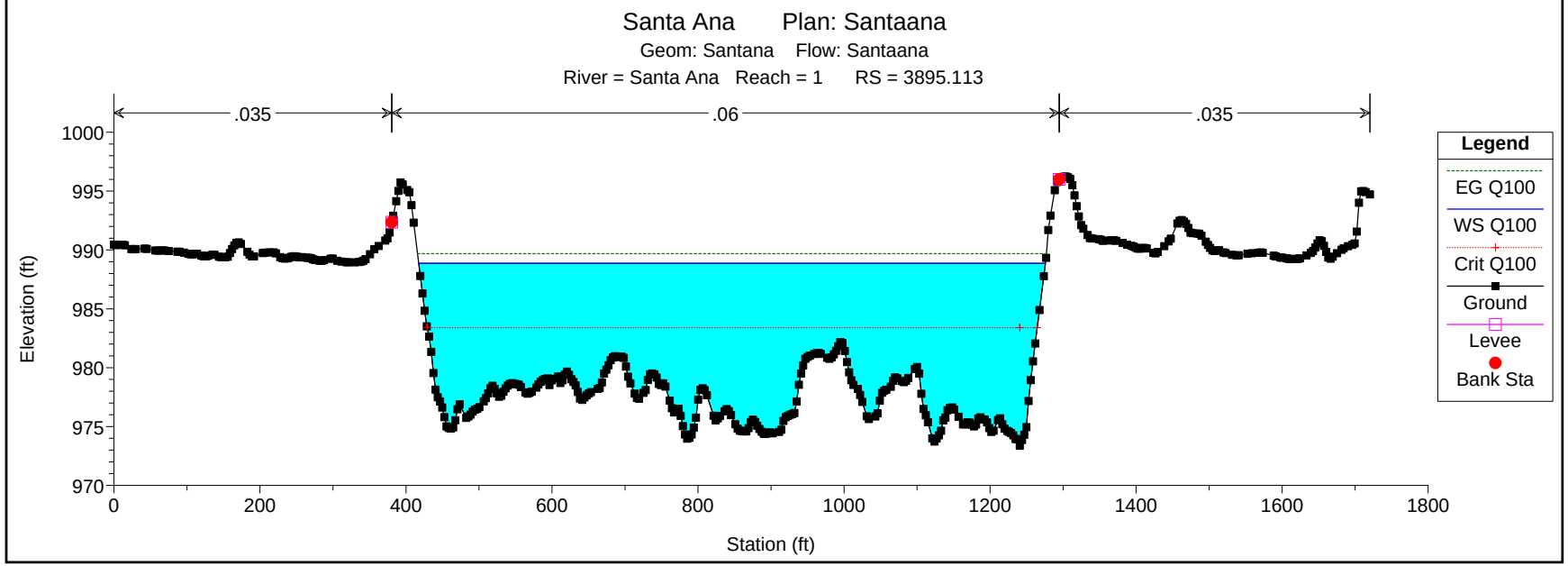

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 5389.007
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

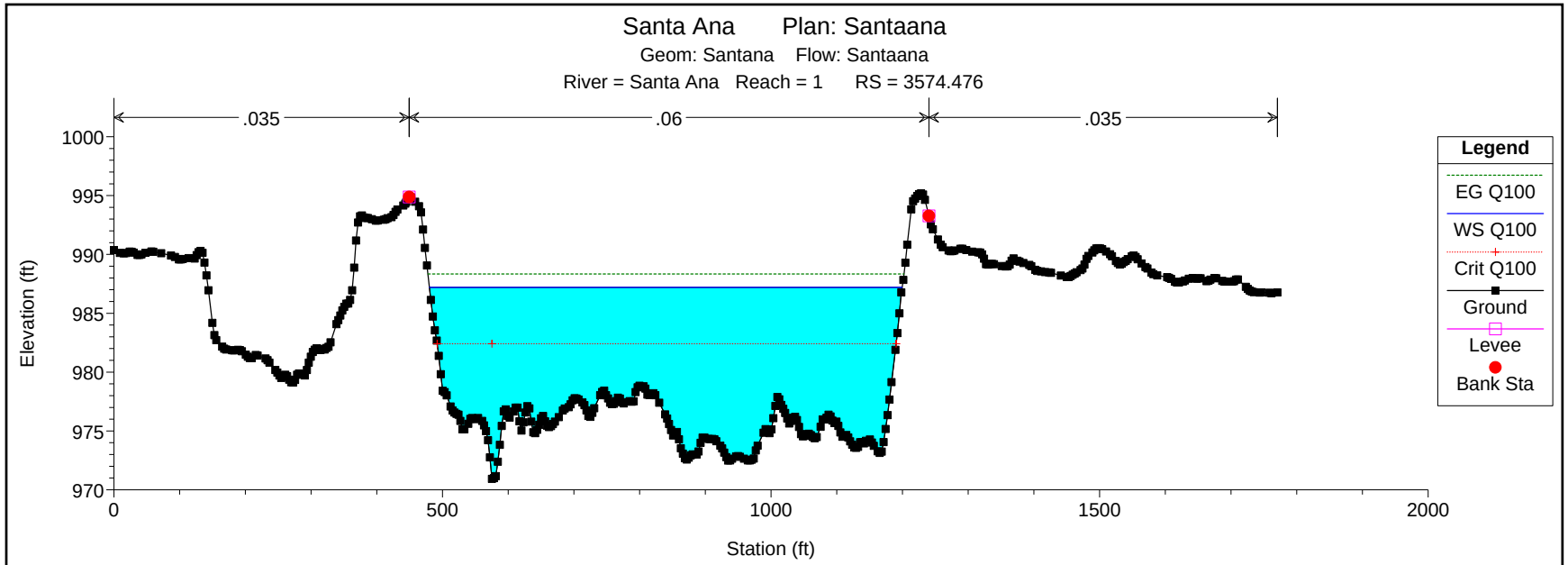

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 5085.171
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

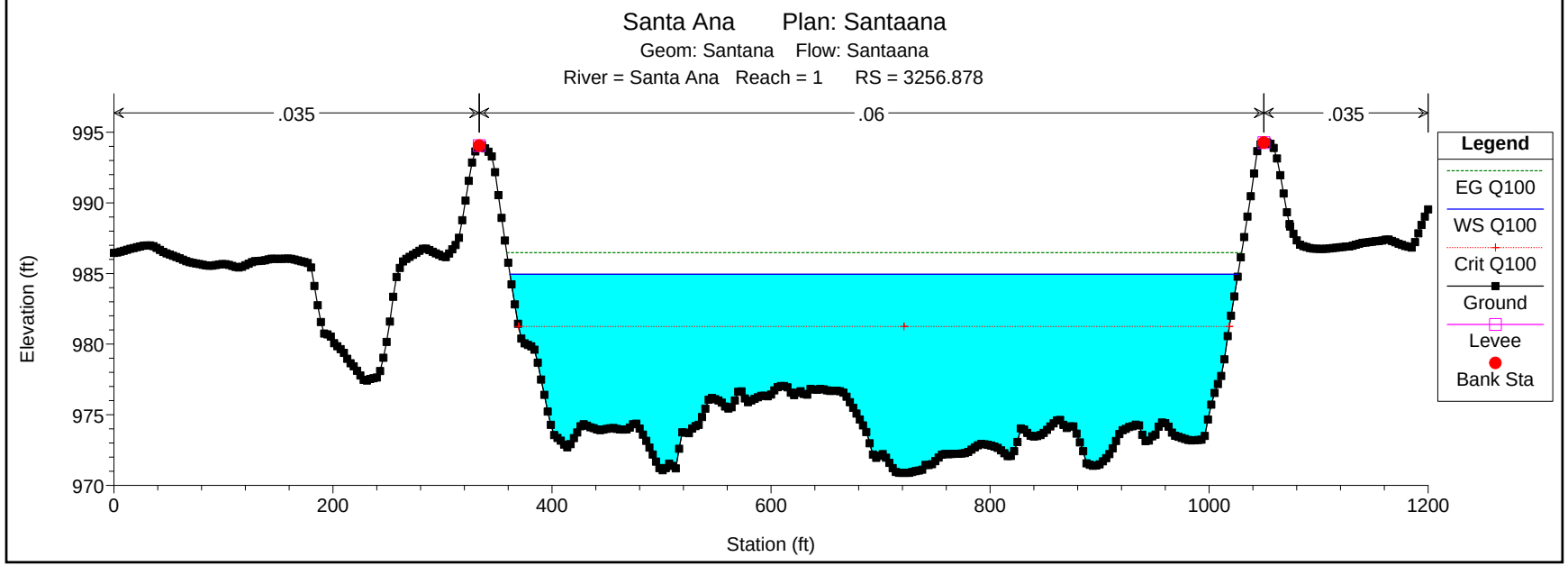

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 4783.663
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

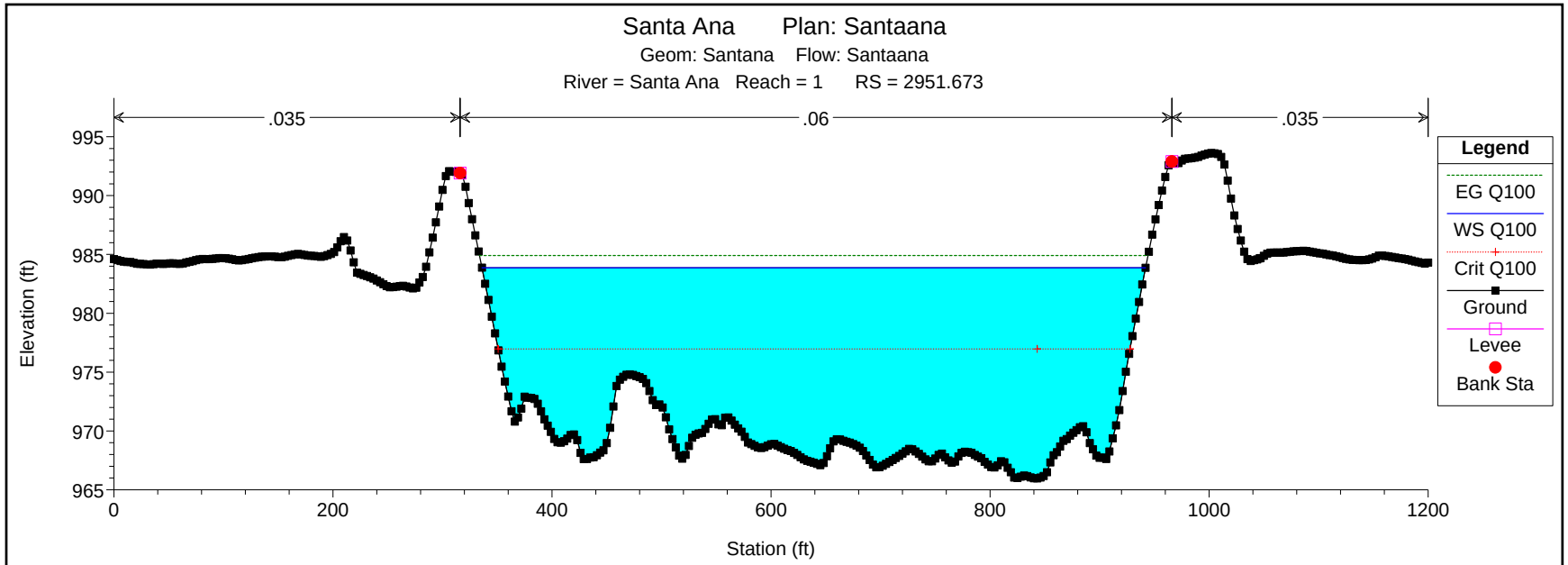

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 4482.414
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

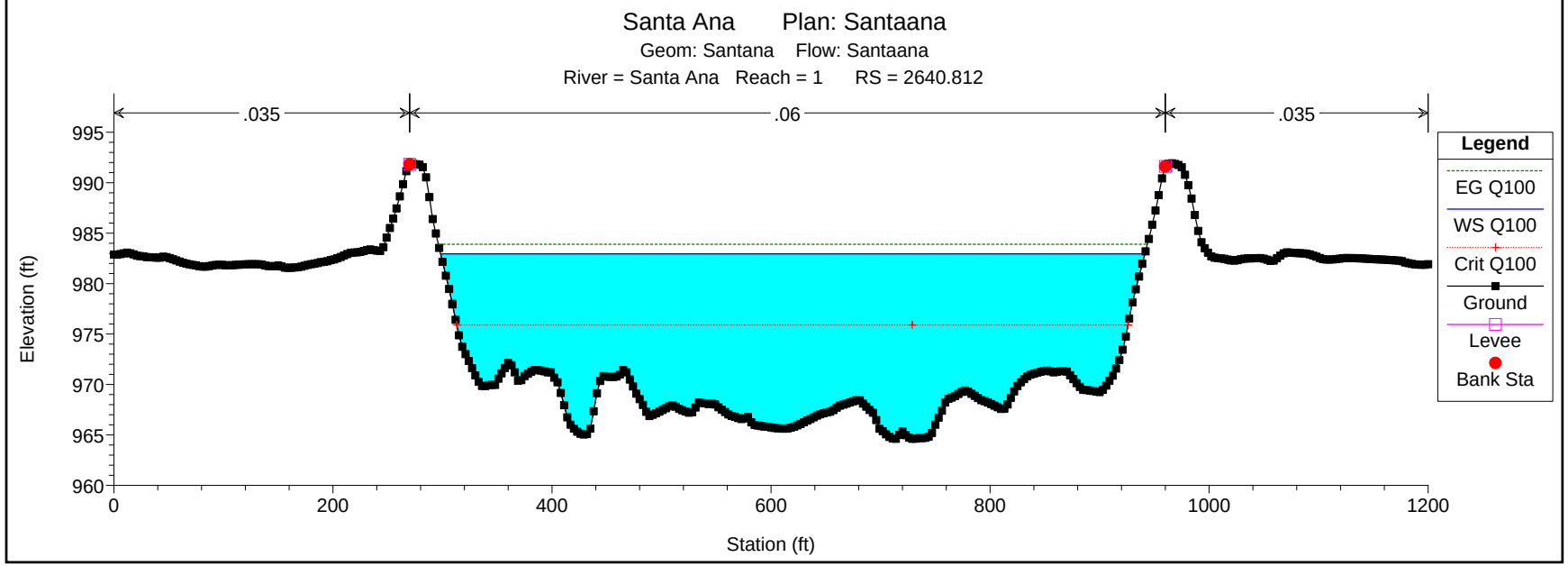

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 4181.176
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

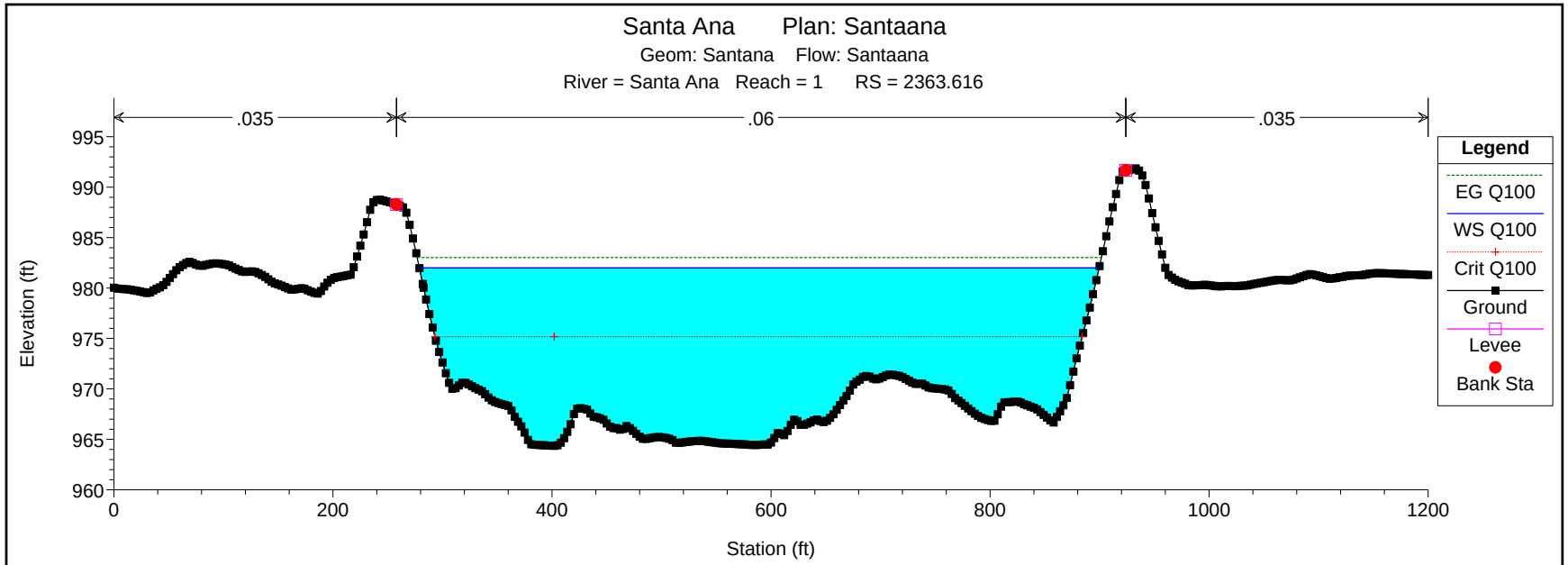

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 3895.113
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

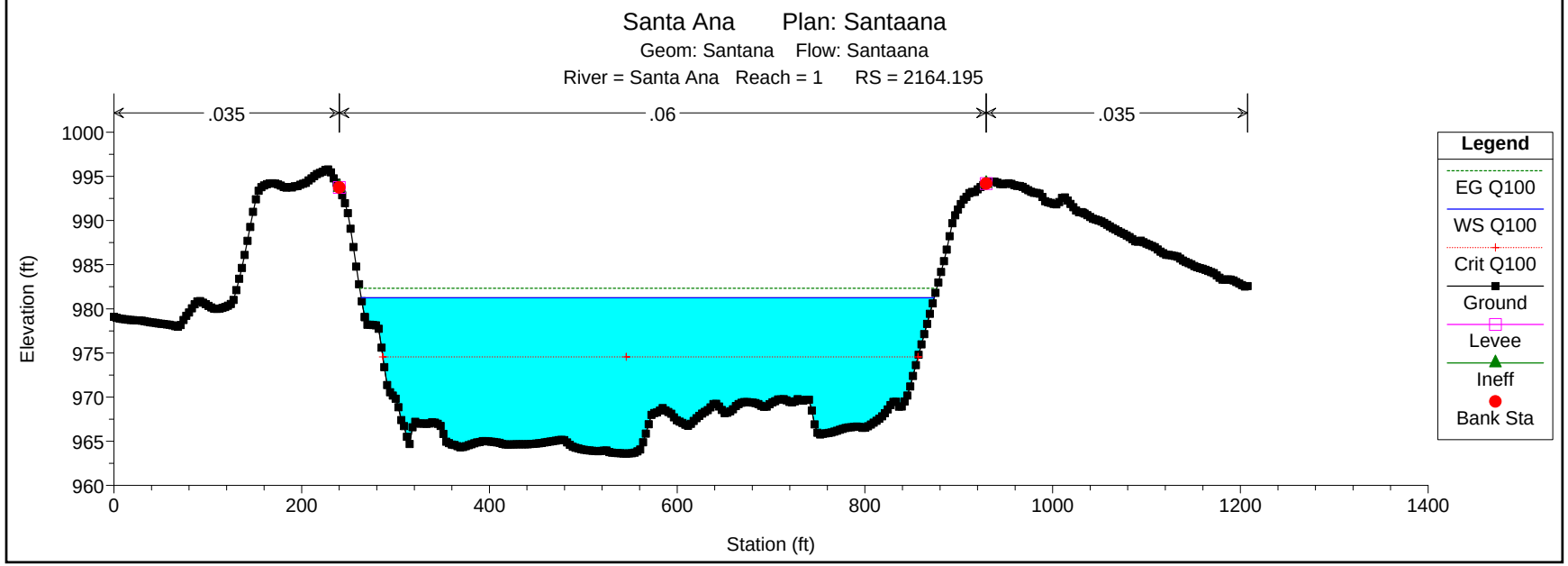

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 3574.476
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

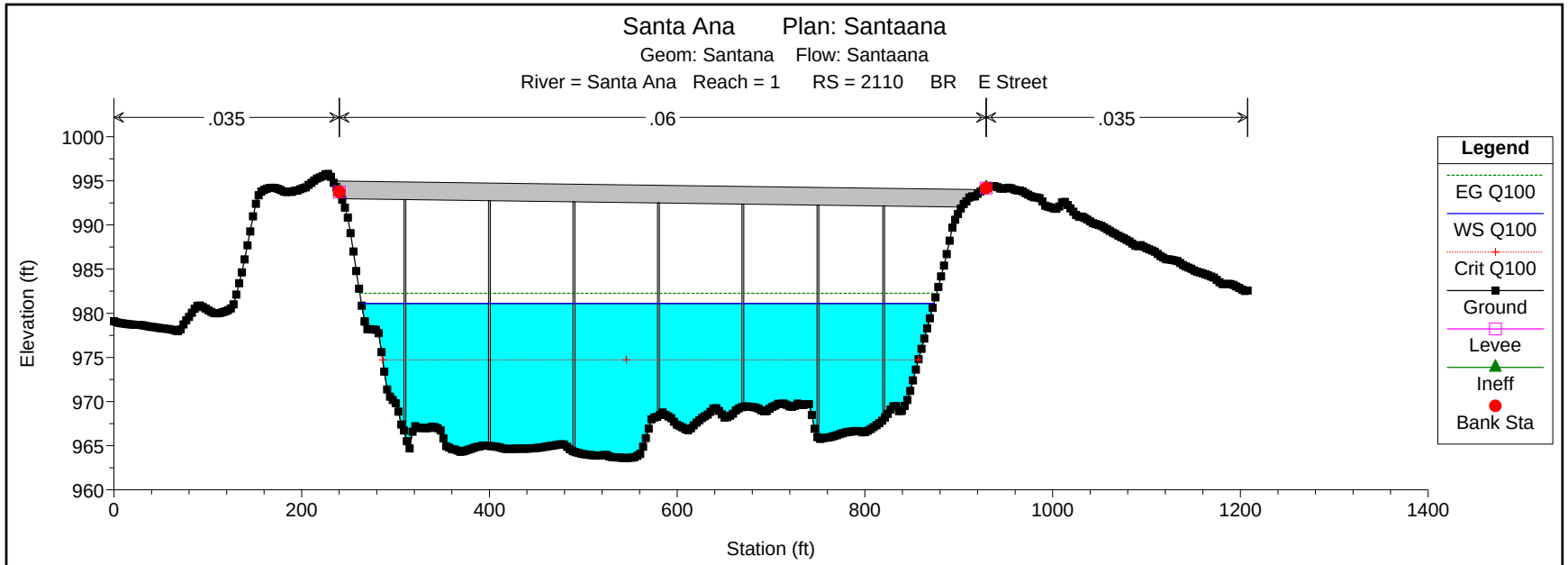

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 3256.878
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

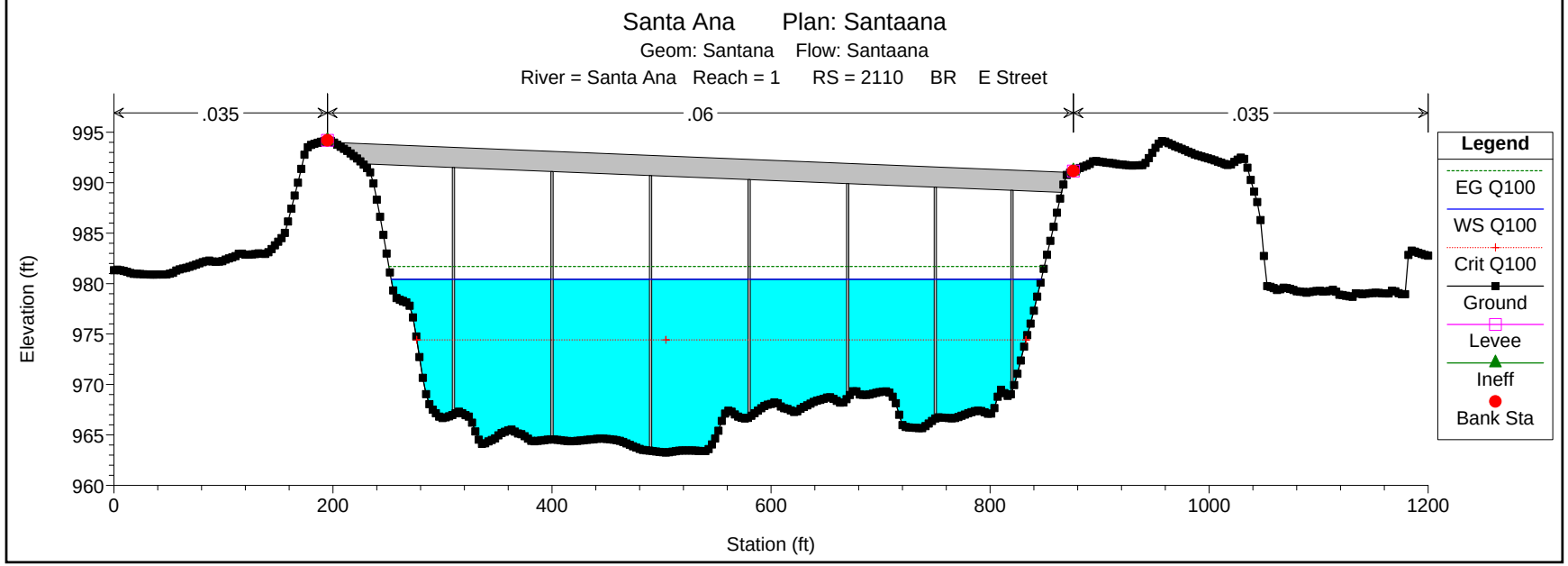

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 2951.673
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

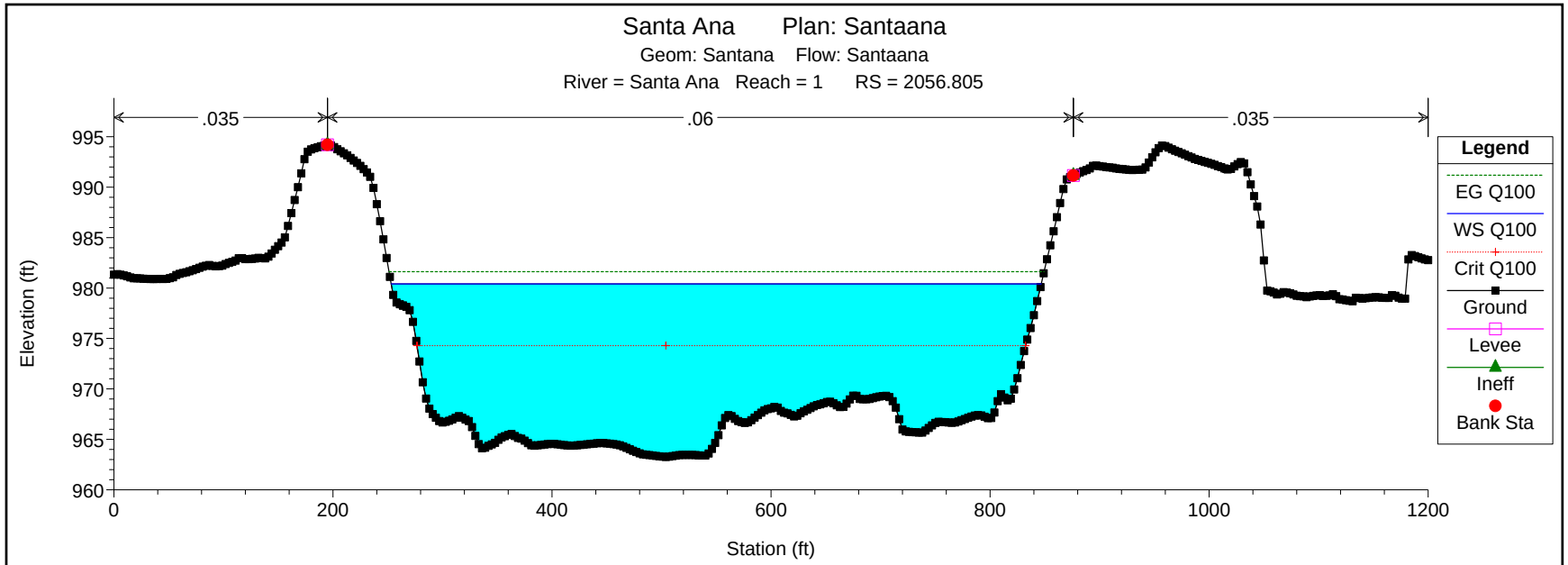

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 2640.812
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

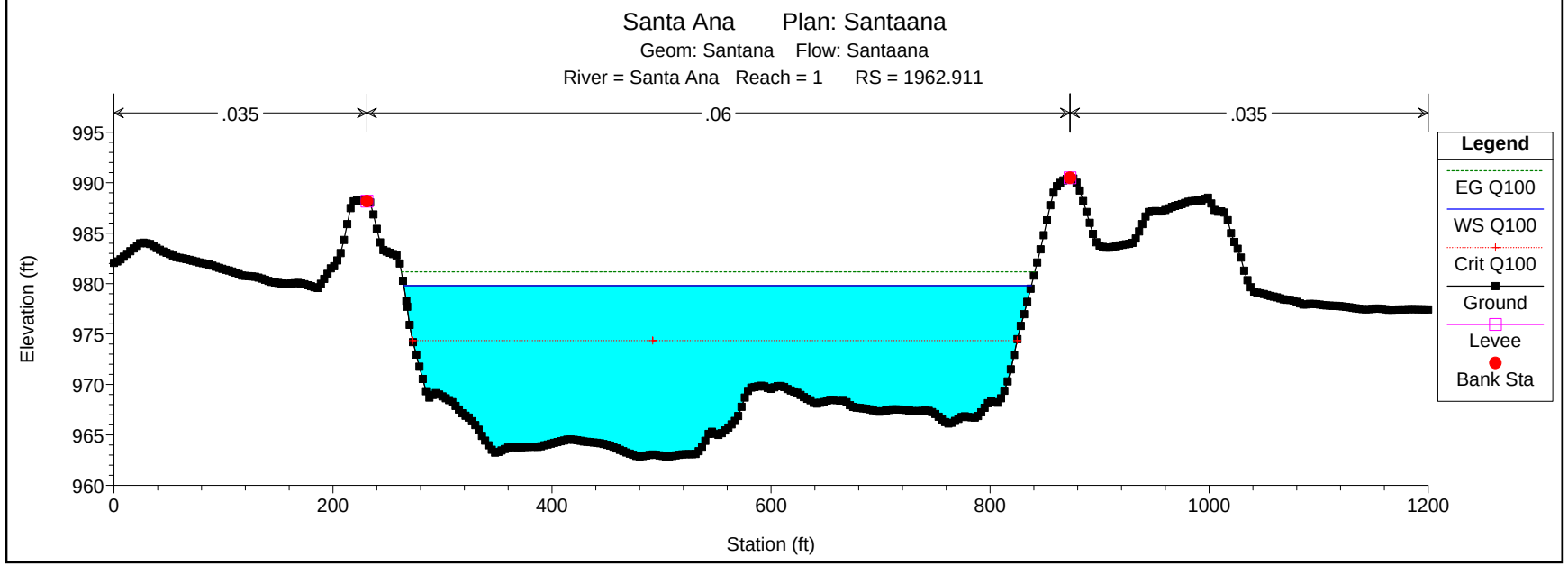

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 2363.616
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

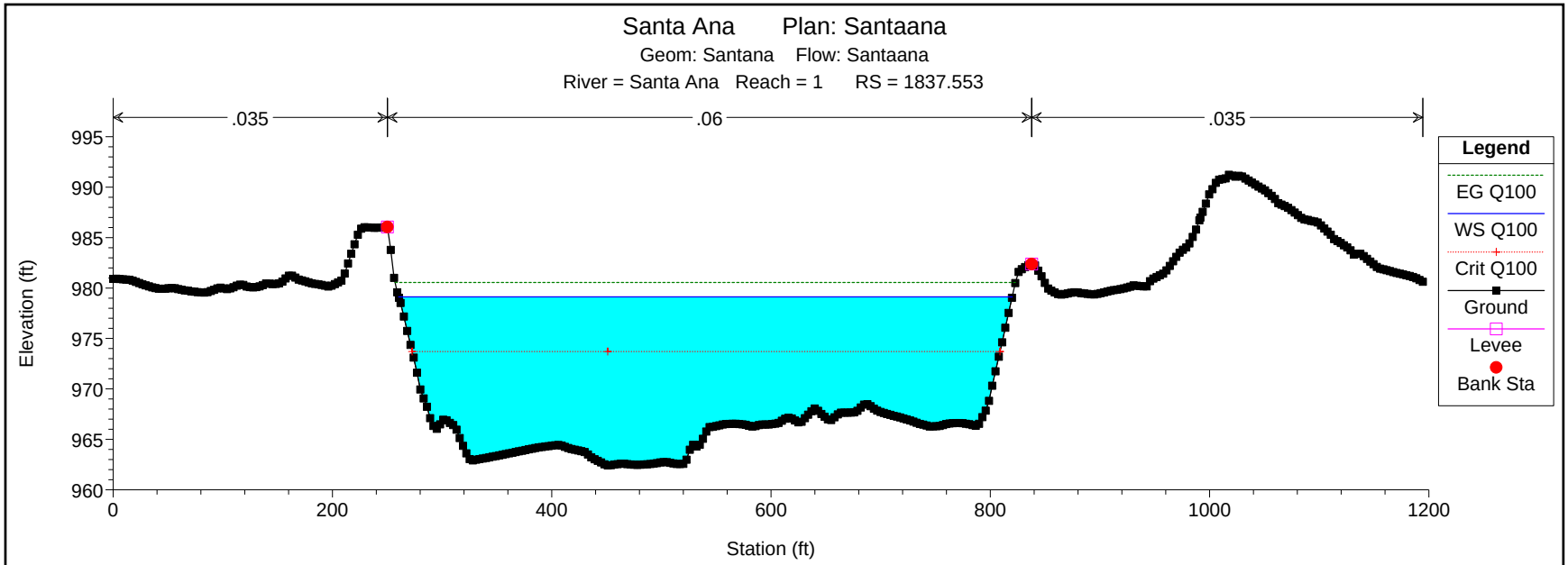

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 2164.195
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Ineff
Bank Sta

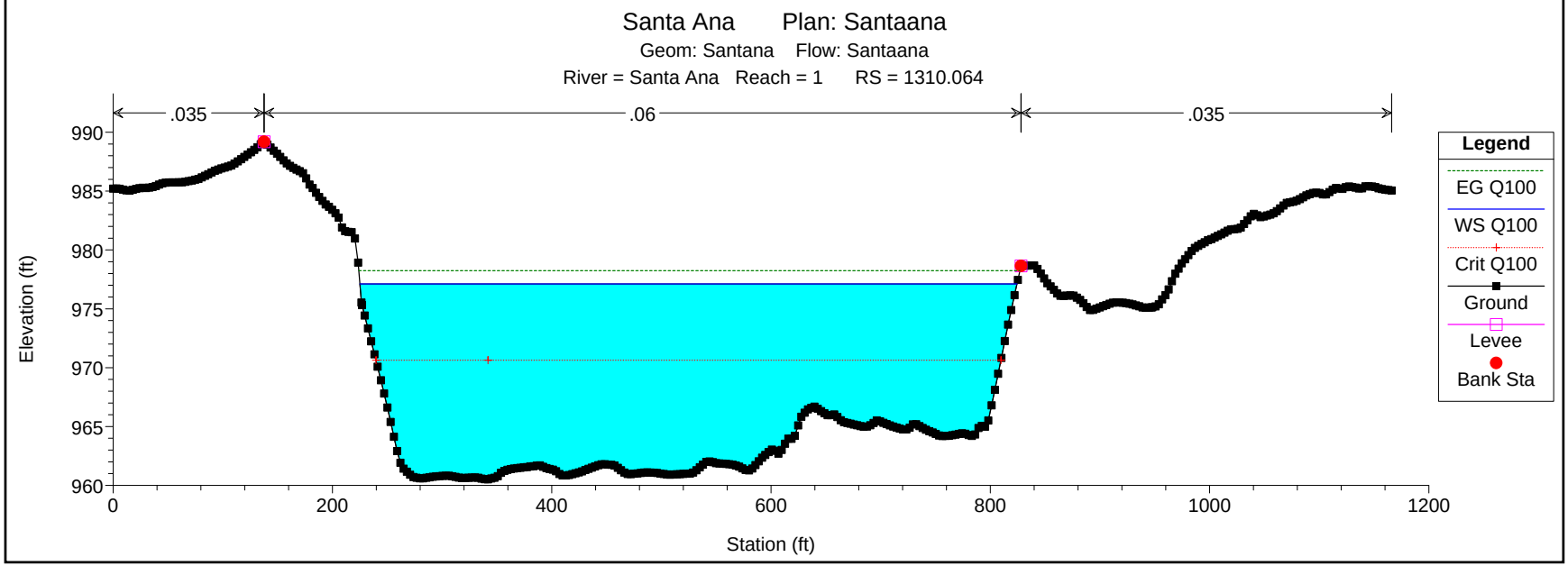

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 2110 BR E Street
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Ineff
Bank Sta

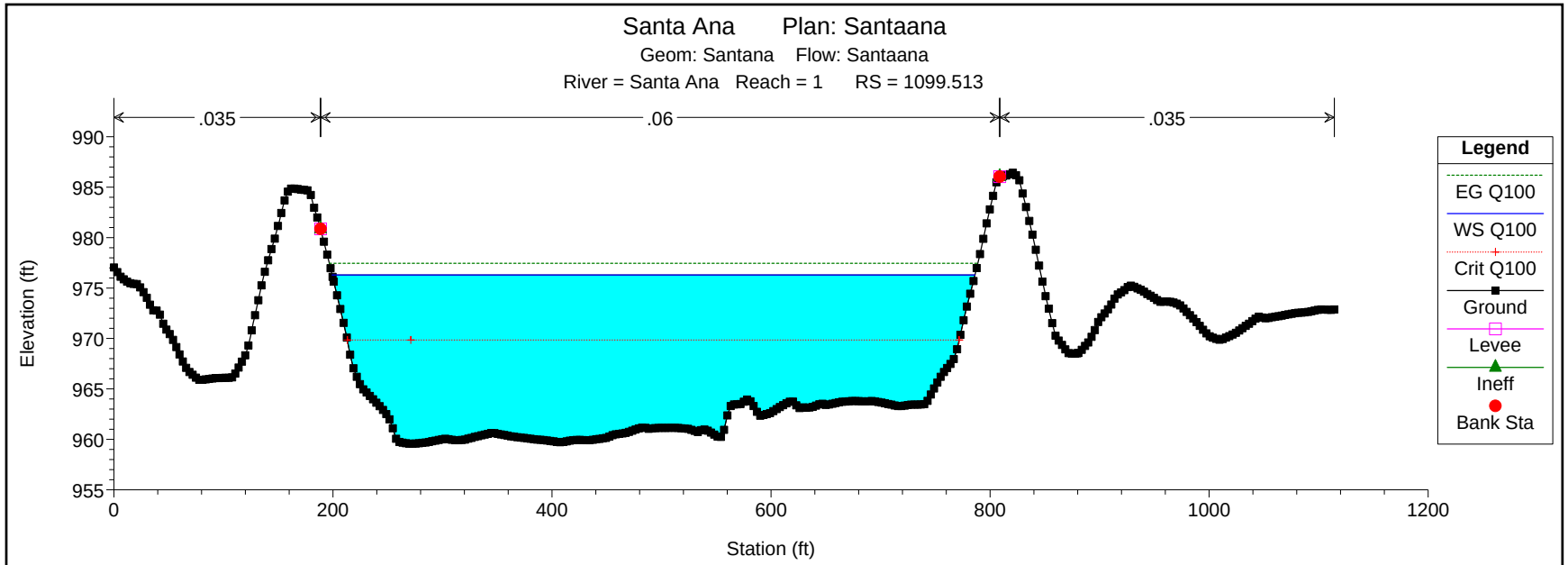

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 2110 BR E Street
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Ineff
Bank Sta

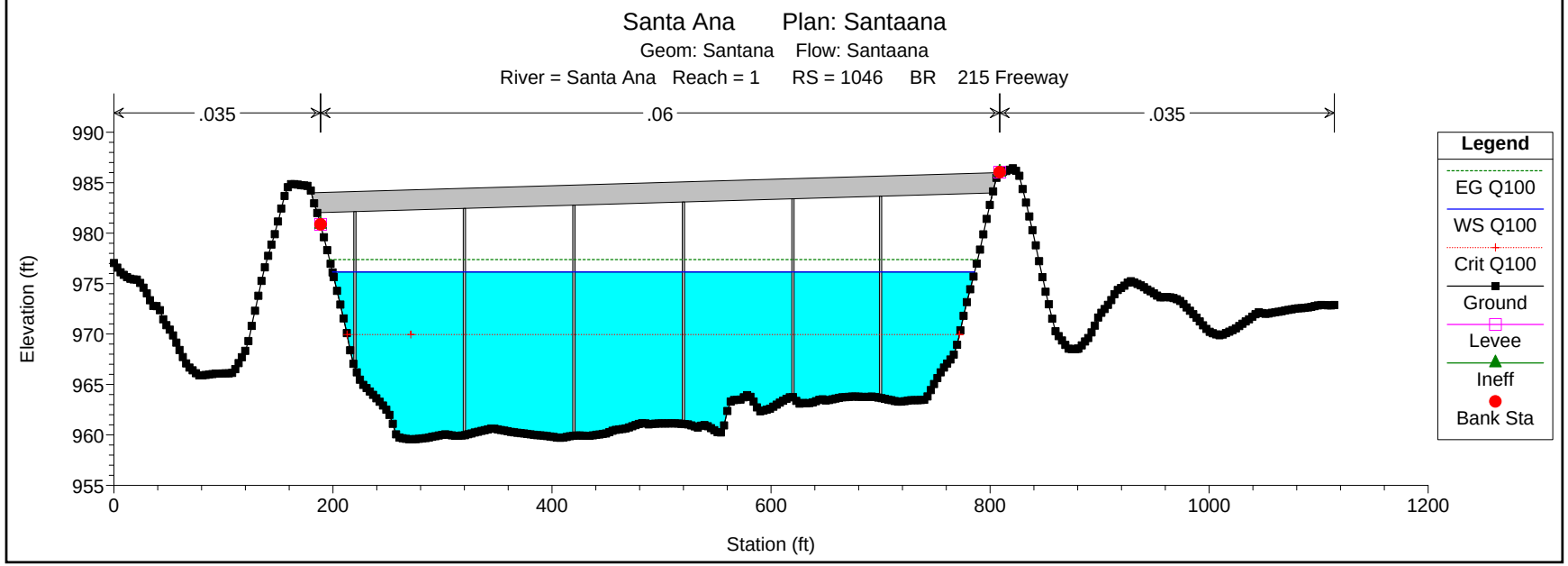

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 2056.805
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Ineff
Bank Sta

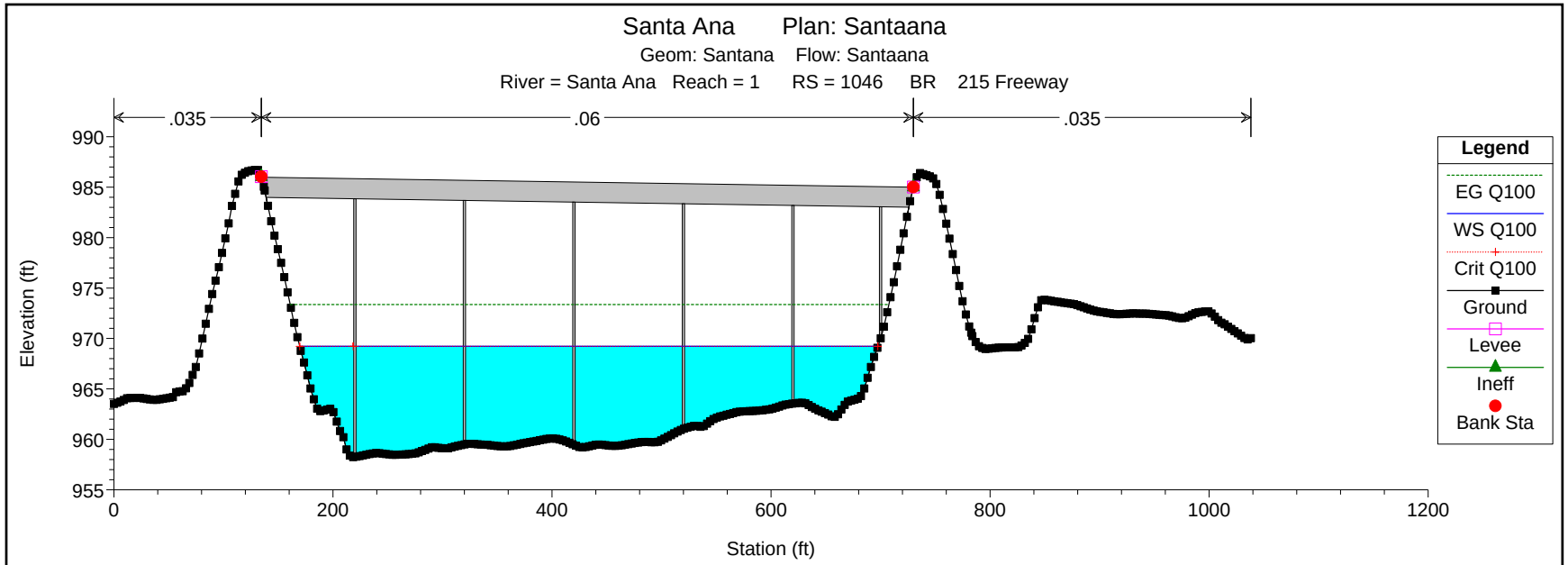

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 1962.911
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta

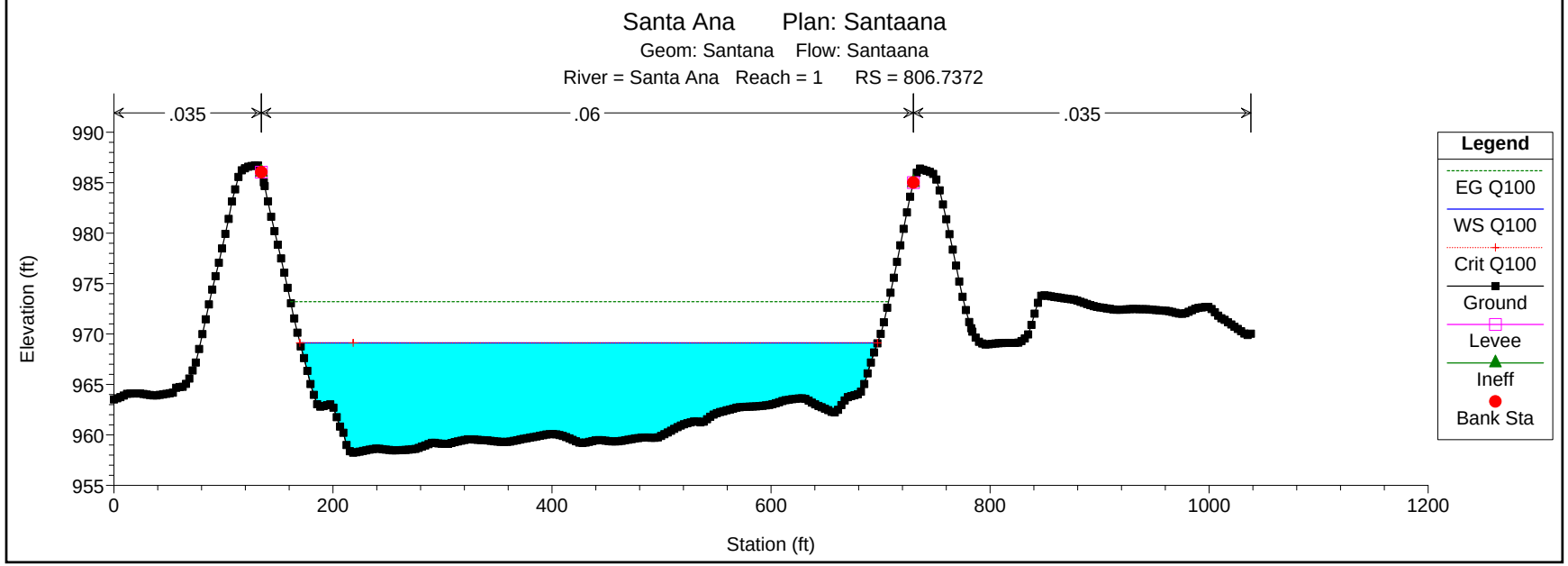

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 1837.553
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta


Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 1310.064
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Bank Sta


Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 1099.513
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Ineff
Bank Sta

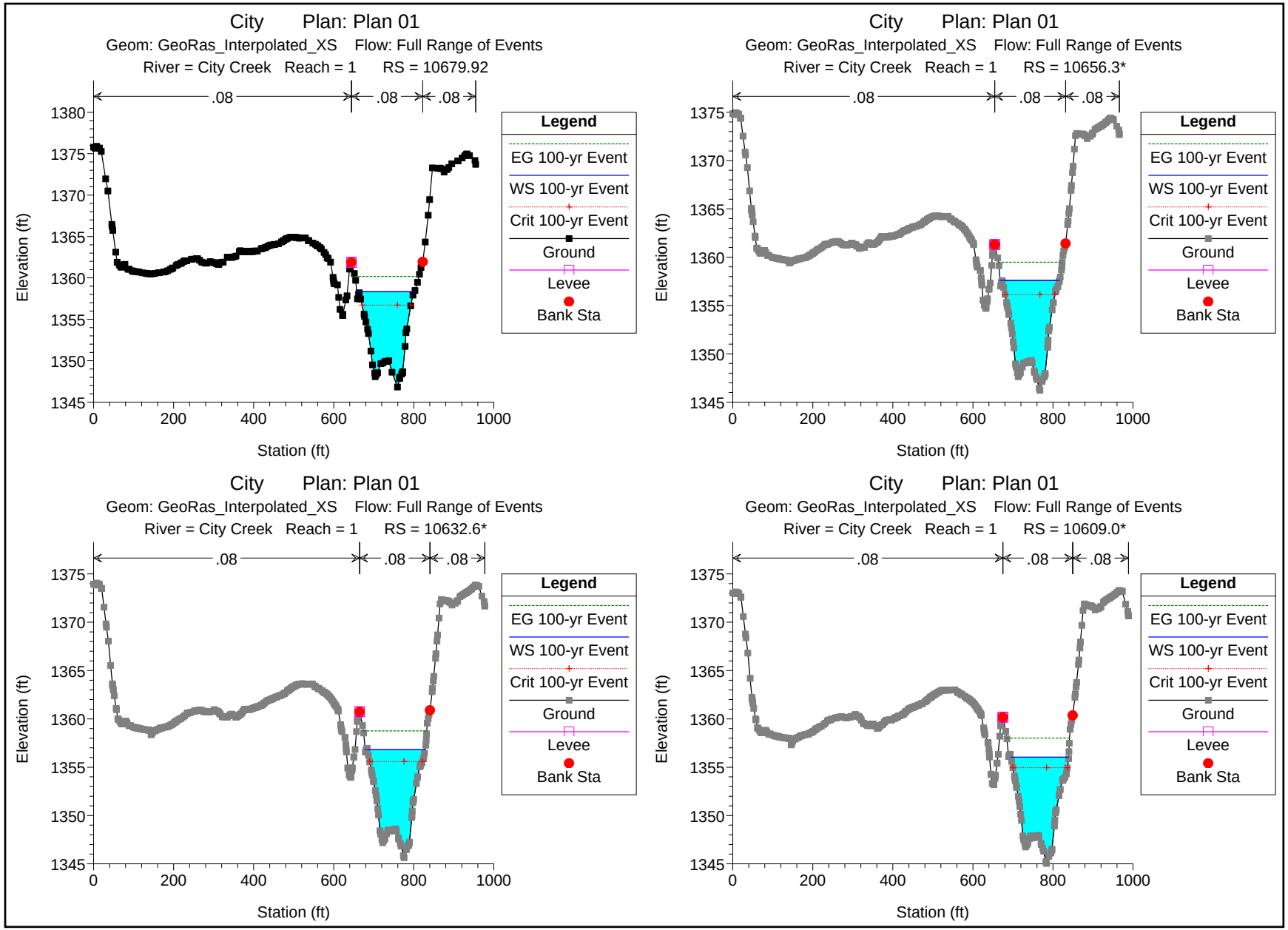

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 1046 BR 215 Freeway
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Ineff
Bank Sta

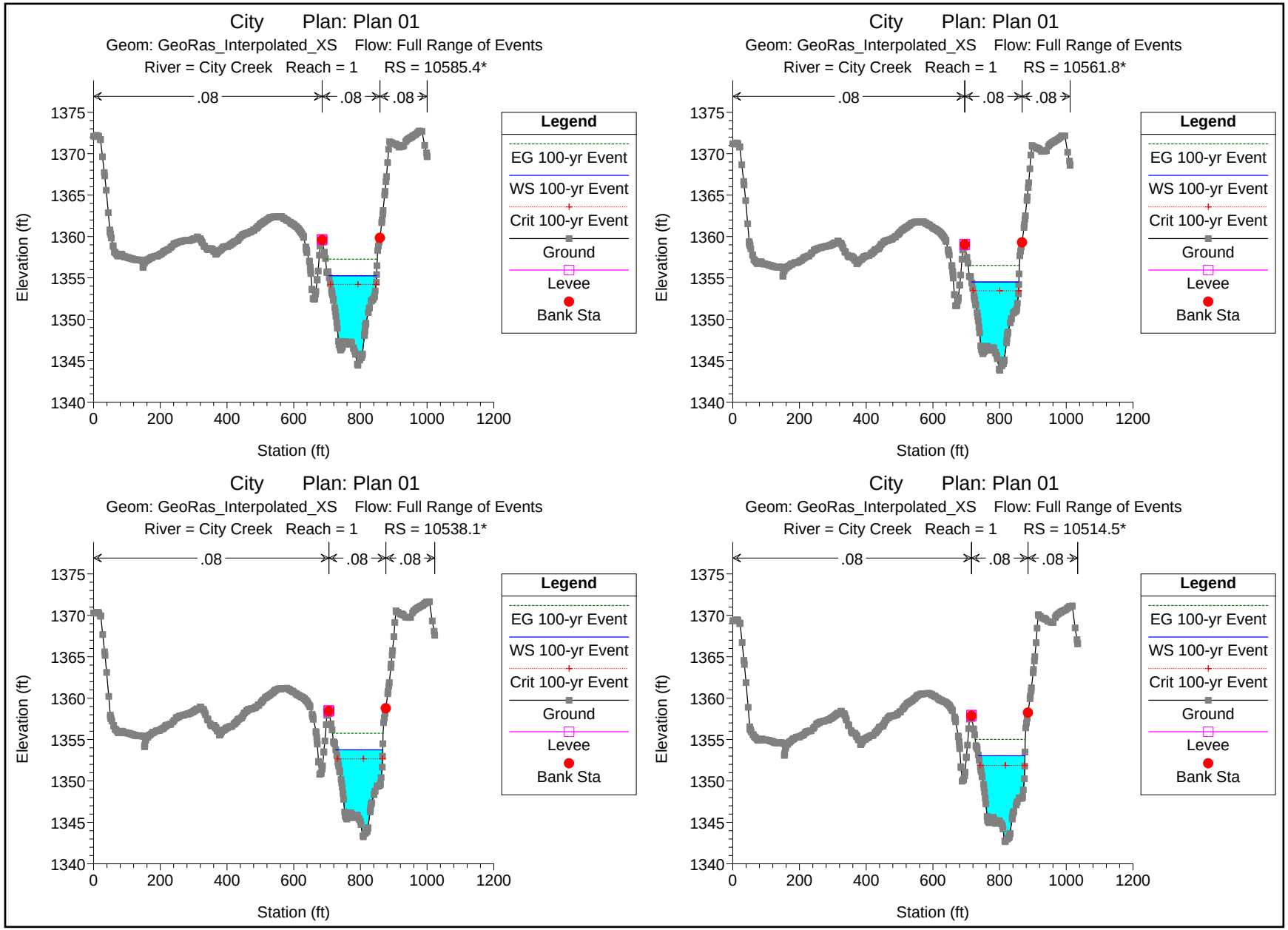

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 1046 BR 215 Freeway
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Ineff
Bank Sta

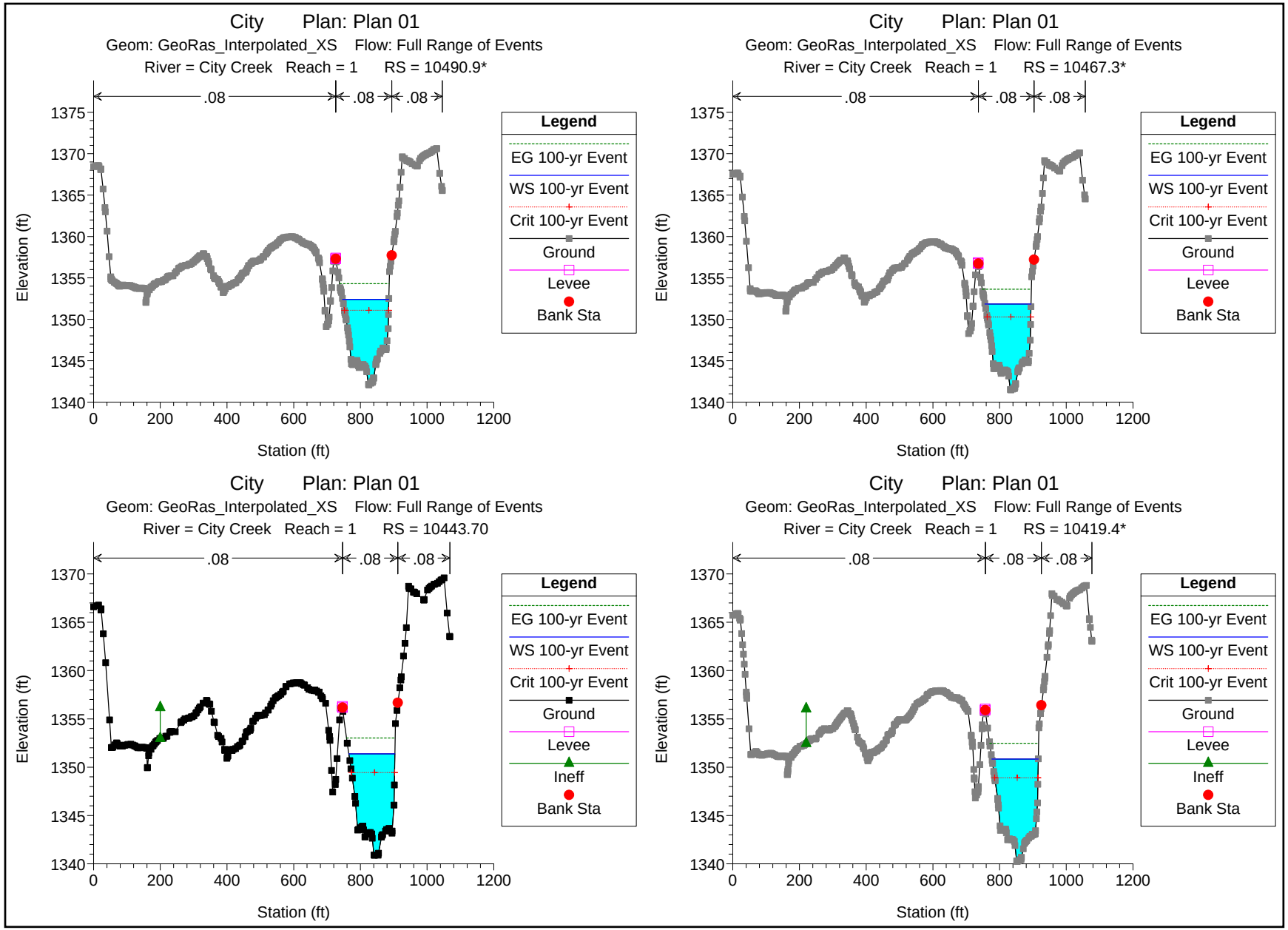

Santa Ana Plan: Santaana
Geom: Santana Flow: Santaana
River = Santa Ana Reach = 1 RS = 806.7372
.035
.06
.035
Elevation (ft)
Station (ft)
Legend
EG Q100
WS Q100
Crit Q100
Ground
Levee
Ineff
Bank Sta

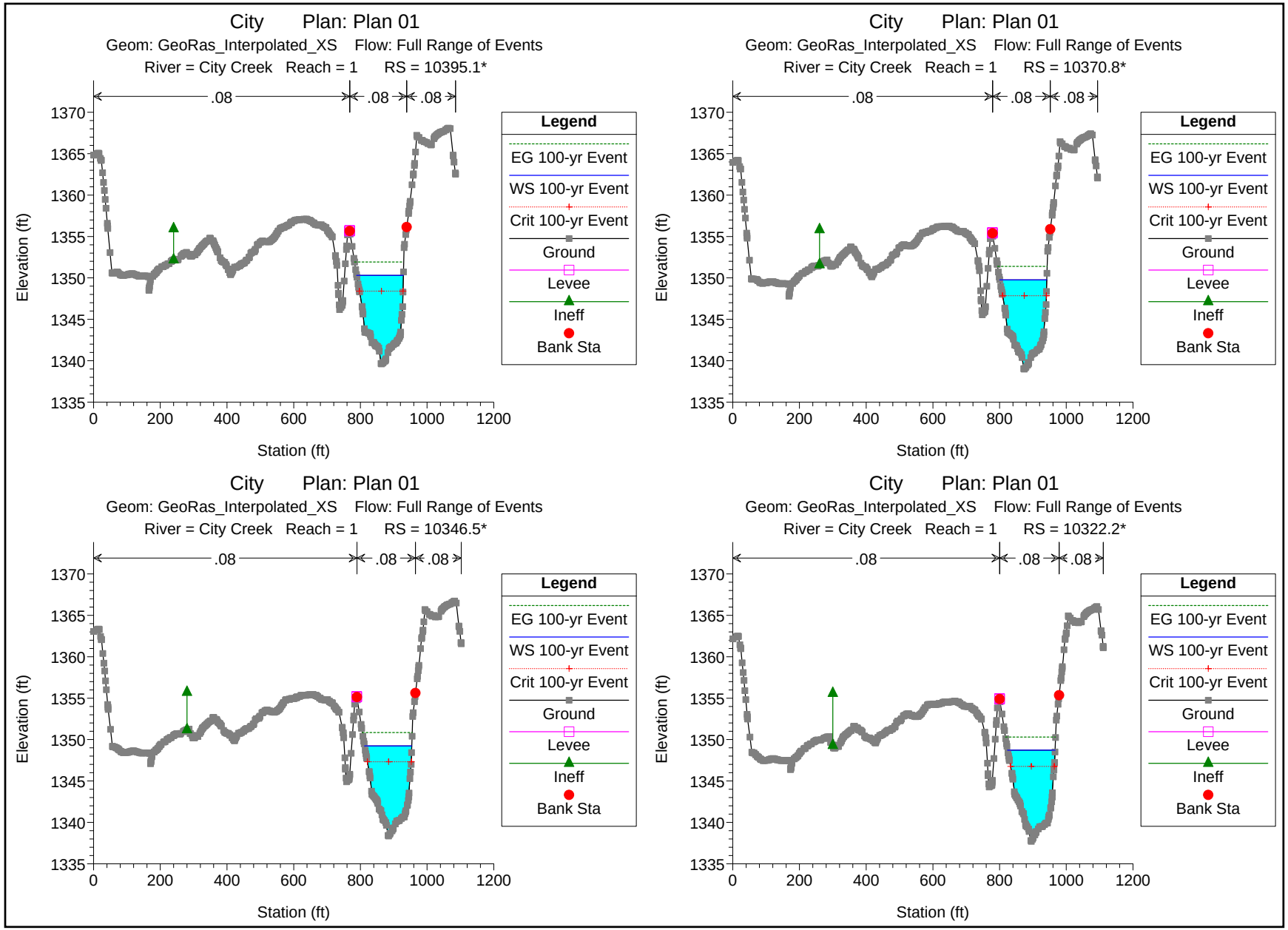
Santa Ana River Floodplain Map
From Mt.Vernon Ave to Riverside Ave
1:20,000
0
0.2
0.4
0.8
1.2
1.6
Miles
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

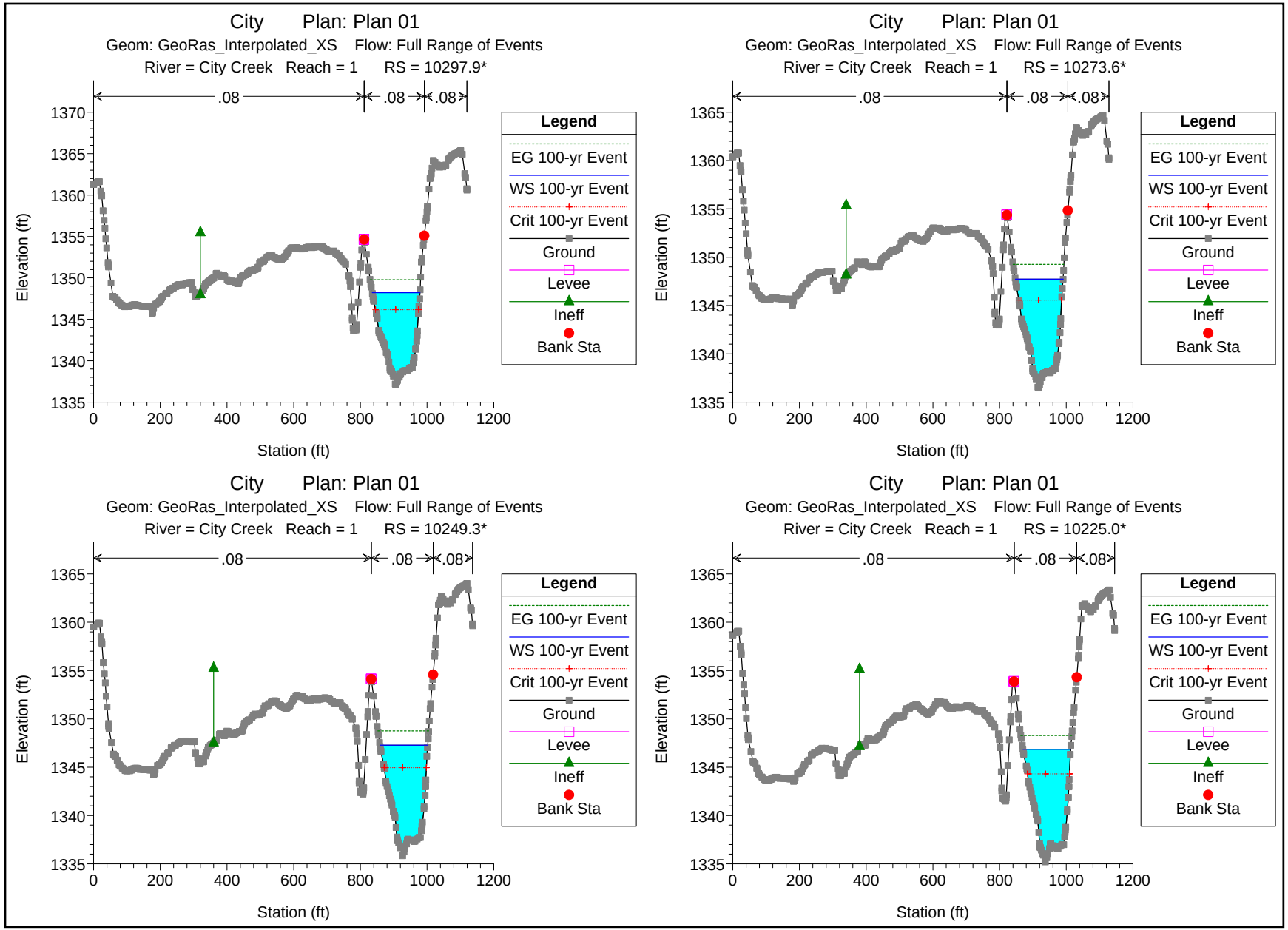
City Creek Floodplain
From Boulder Ave to 5 th Street
N
W
E
S
Legend
Q 100-yr Event Floodplain
0 0.05 0.1 0.2 0.3 0.4
1:8,000
Mile

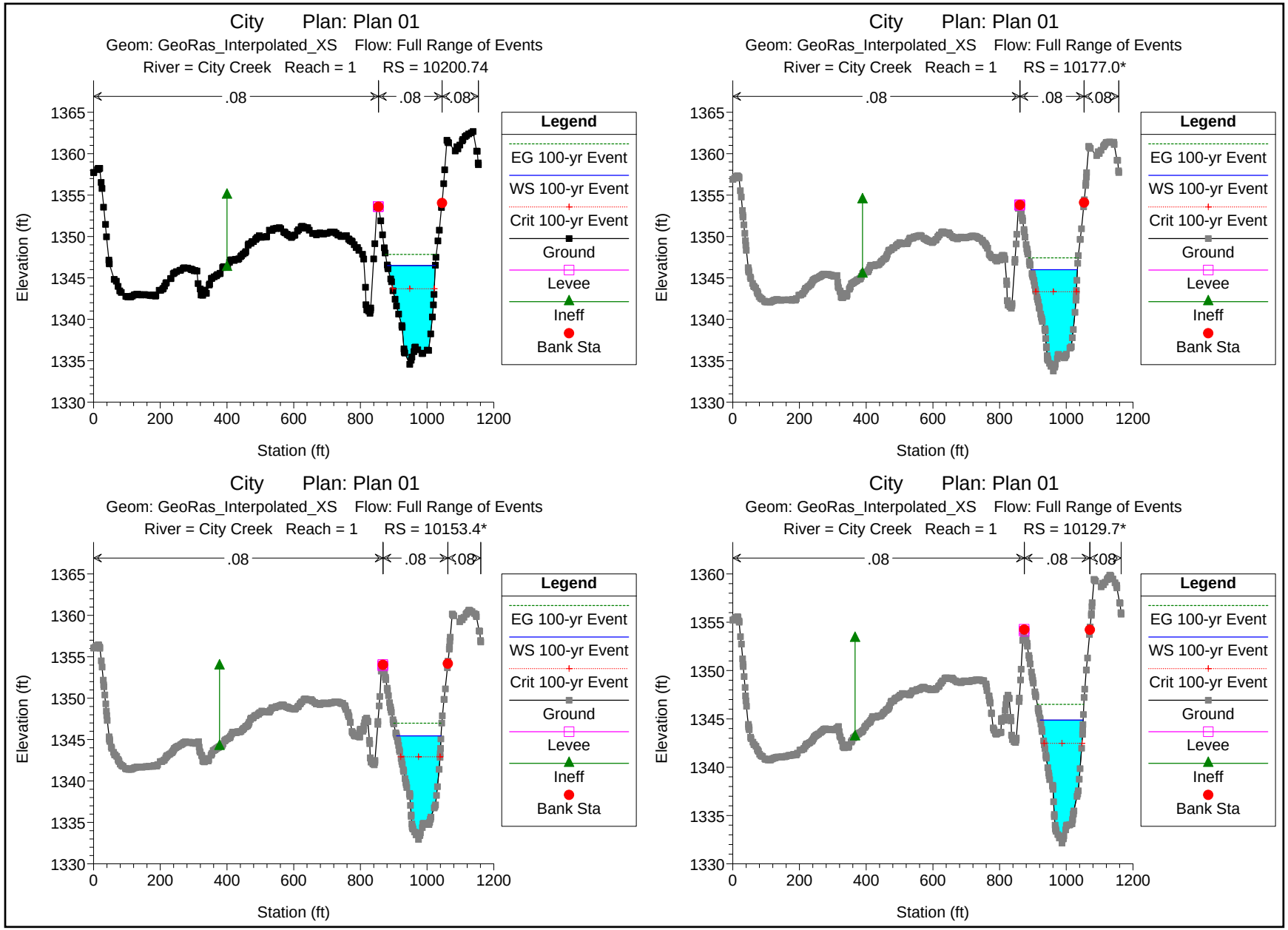

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10679.92
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10656.3*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10632.6*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10609.0*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)
1345
1350
1355
1360
1365
1370
1375
1380
0
200
400
600
800
1000

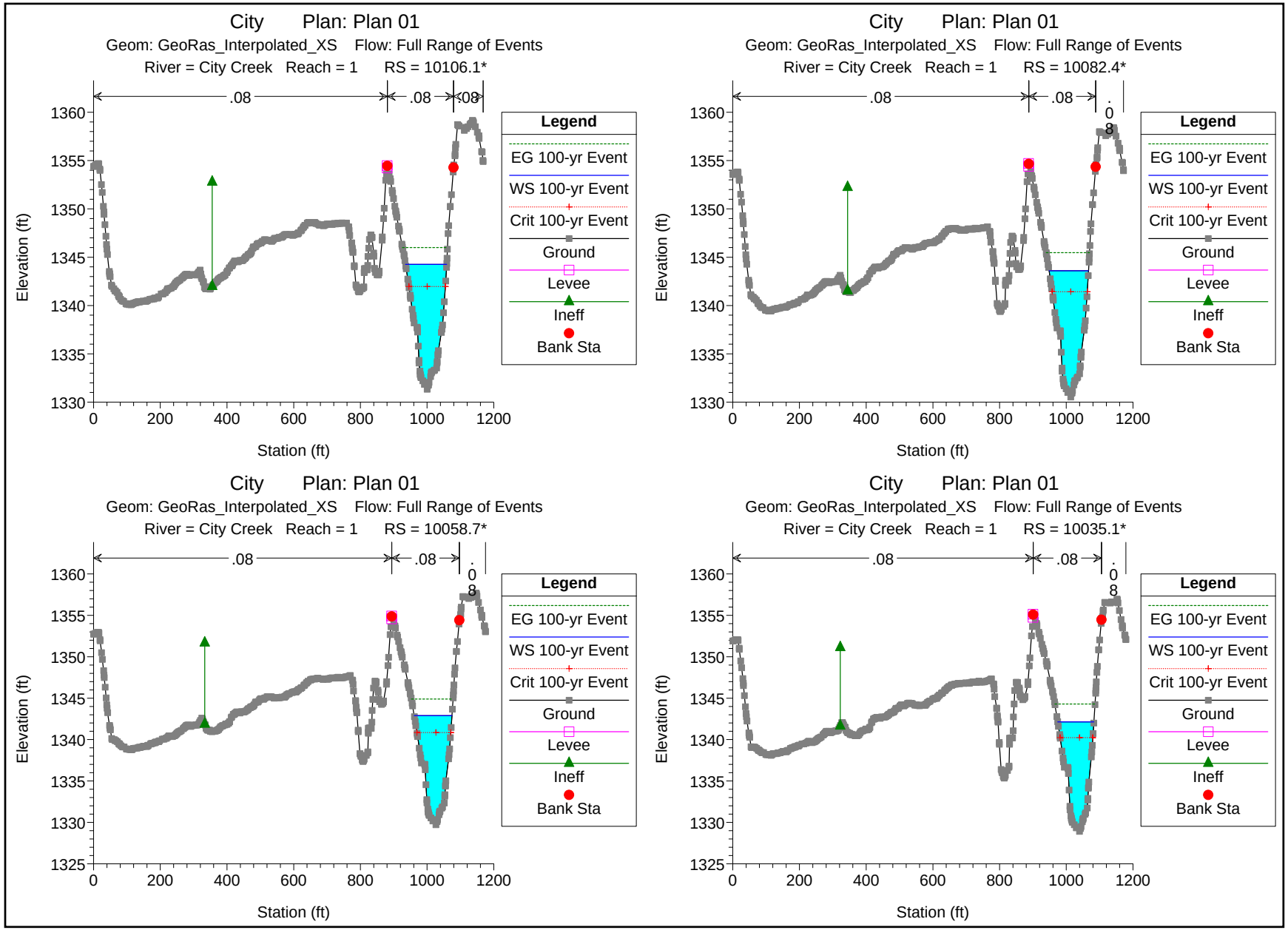

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10585.4*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10561.8*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10538.1*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10514.5*
.08
.08
.08
Elevation (ft)
1340
1345
1350
1355
1360
1365
1370
1375
Station (ft)
0
200
400
600
800
1000
1200
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

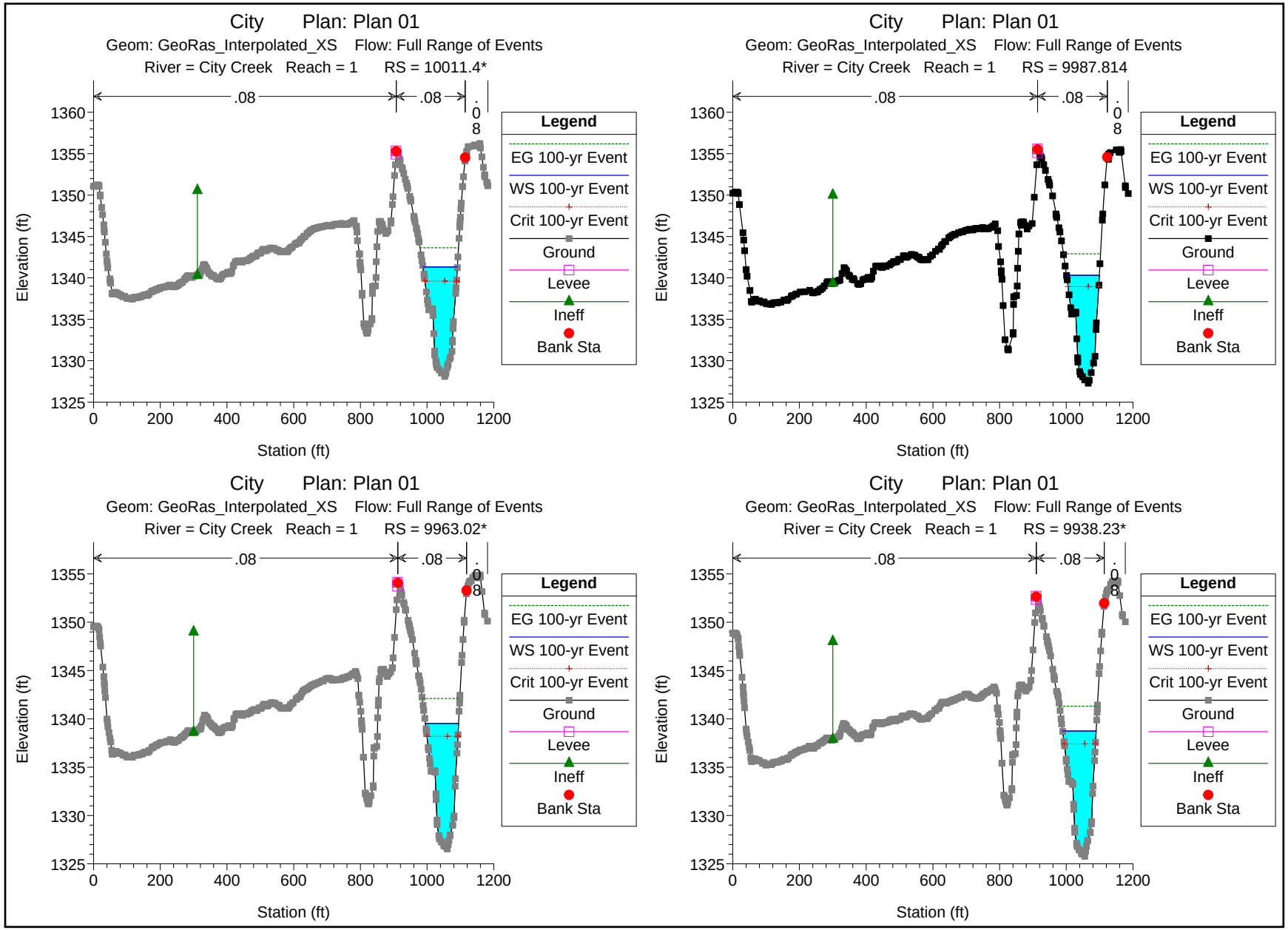

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10490.9*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10467.3*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10443.70
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10419.4*
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

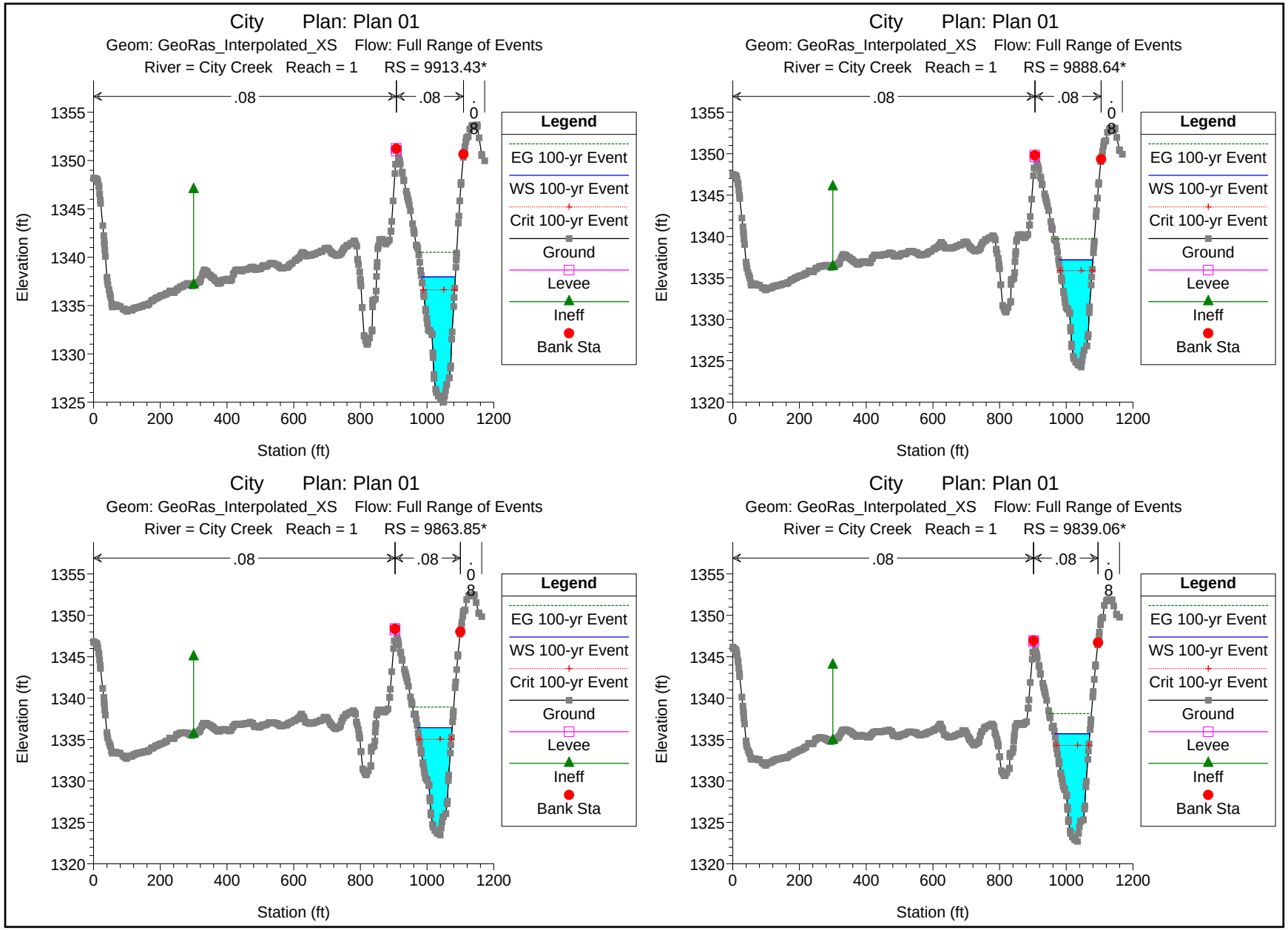

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10395.1*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10370.8*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10346.5*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10322.2*
.08
.08
.08
Elevation (ft)
1370
1365
1360
1355
1350
1345
1340
1335
0
200
400
600
800
1000
1200
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

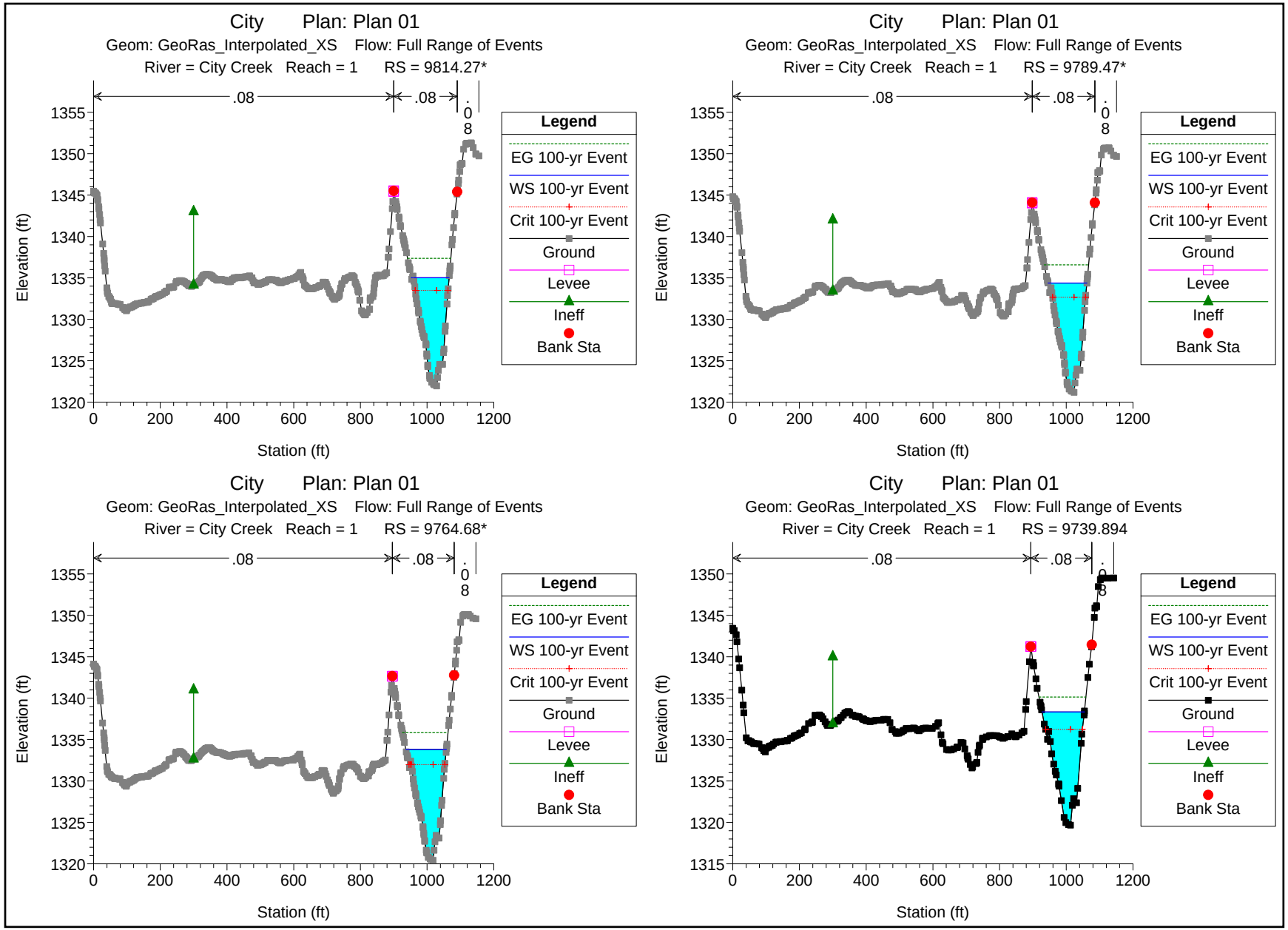

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10297.9*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10273.6*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10249.3*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10225.0*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1370
1365
1360
1355
1350
1345
1340
1335
0
200
400
600
800
1000
1200

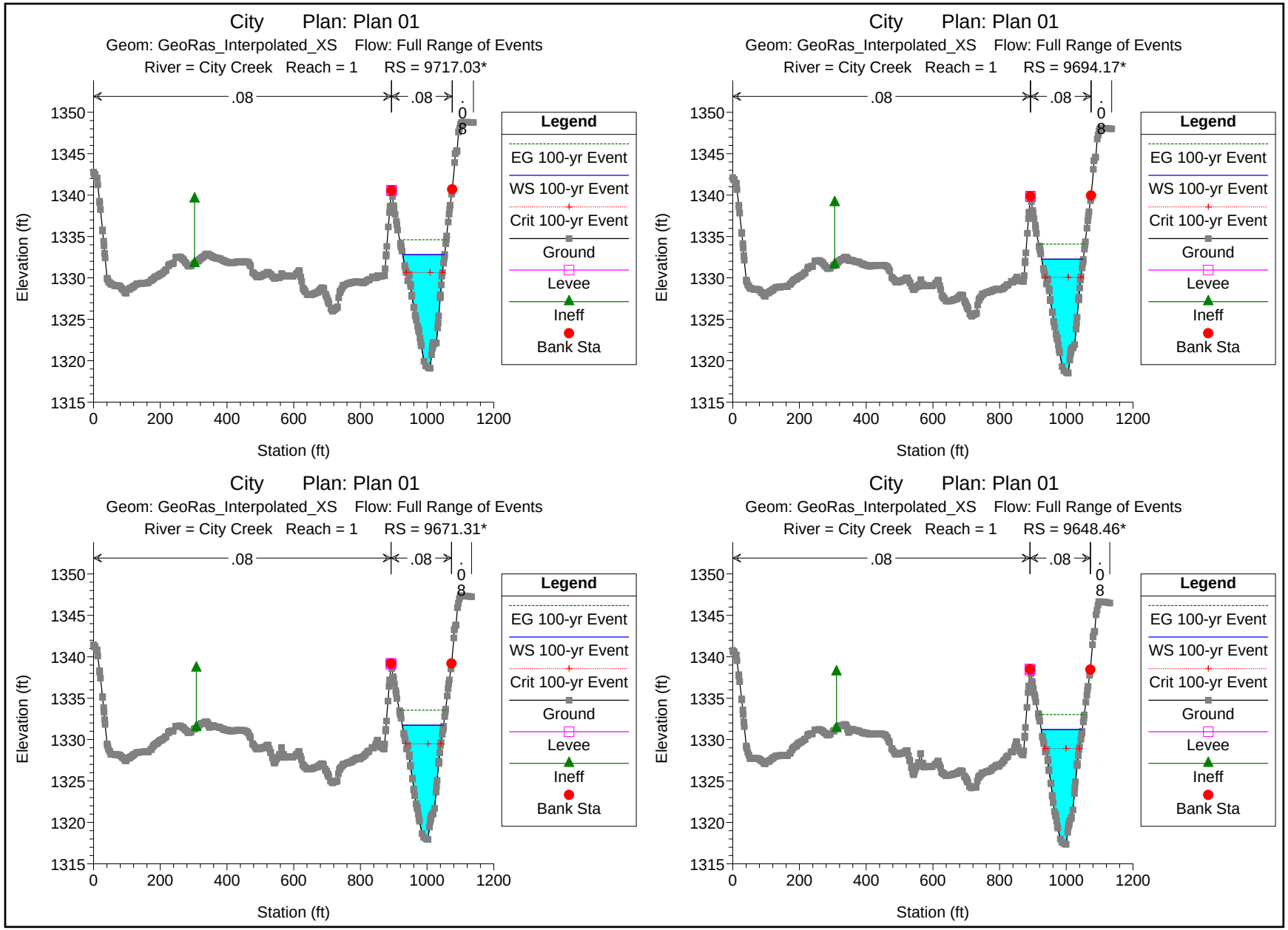

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10200.74
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10177.0*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10153.4*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10129.7*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1330
1335
1340
1345
1350
1355
1360
1365
0
200
400
600
800
1000
1200

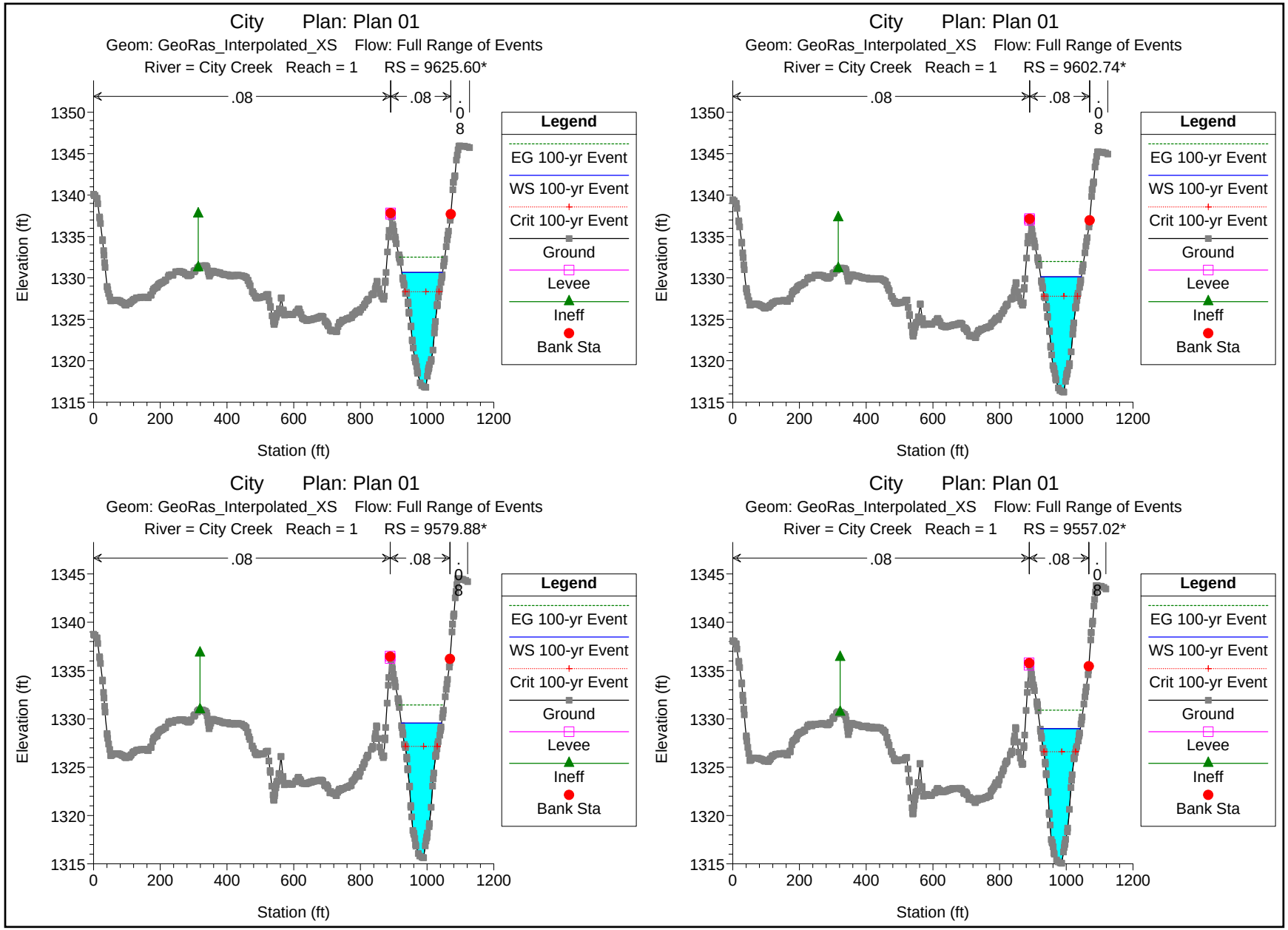

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10106.1*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10082.4*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10058.7*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10035.1*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

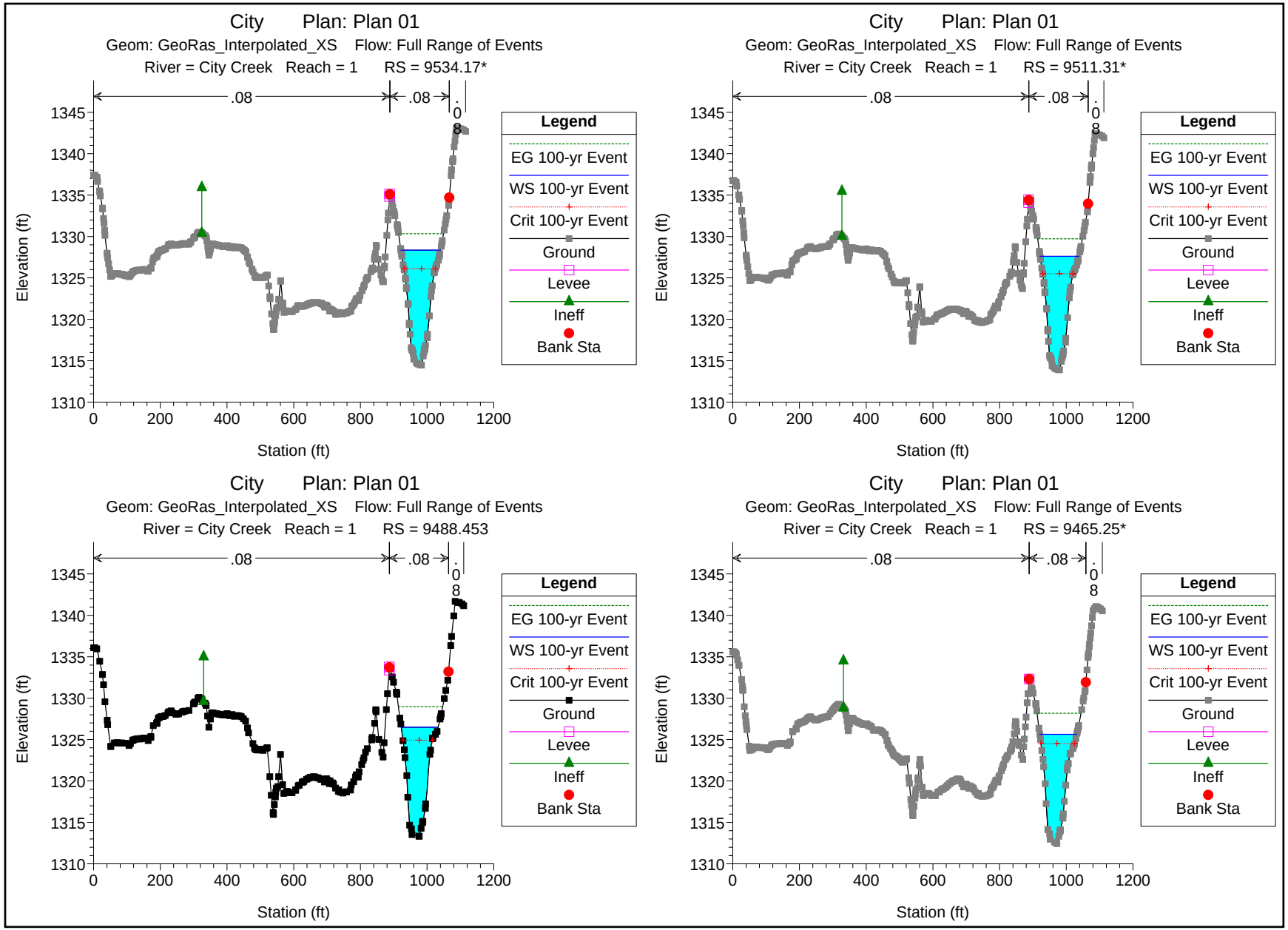

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 10011.4*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9987.814
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9963.02*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9938.23*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1325
1330
1335
1340
1345
1350
1355
1360
0
200
400
600
800
1000
1200

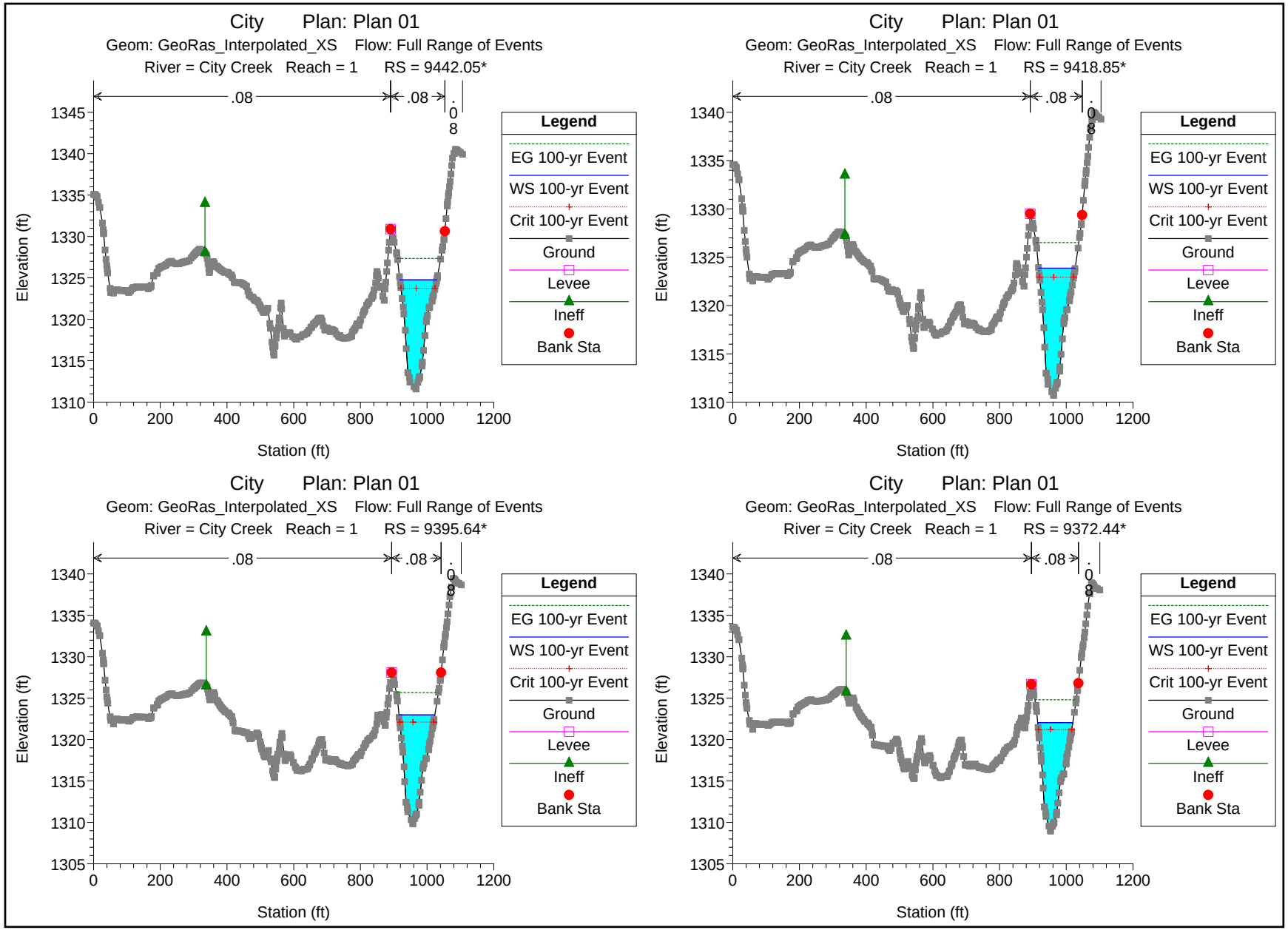

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9913.43*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9888.64*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9863.85*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9839.06*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)

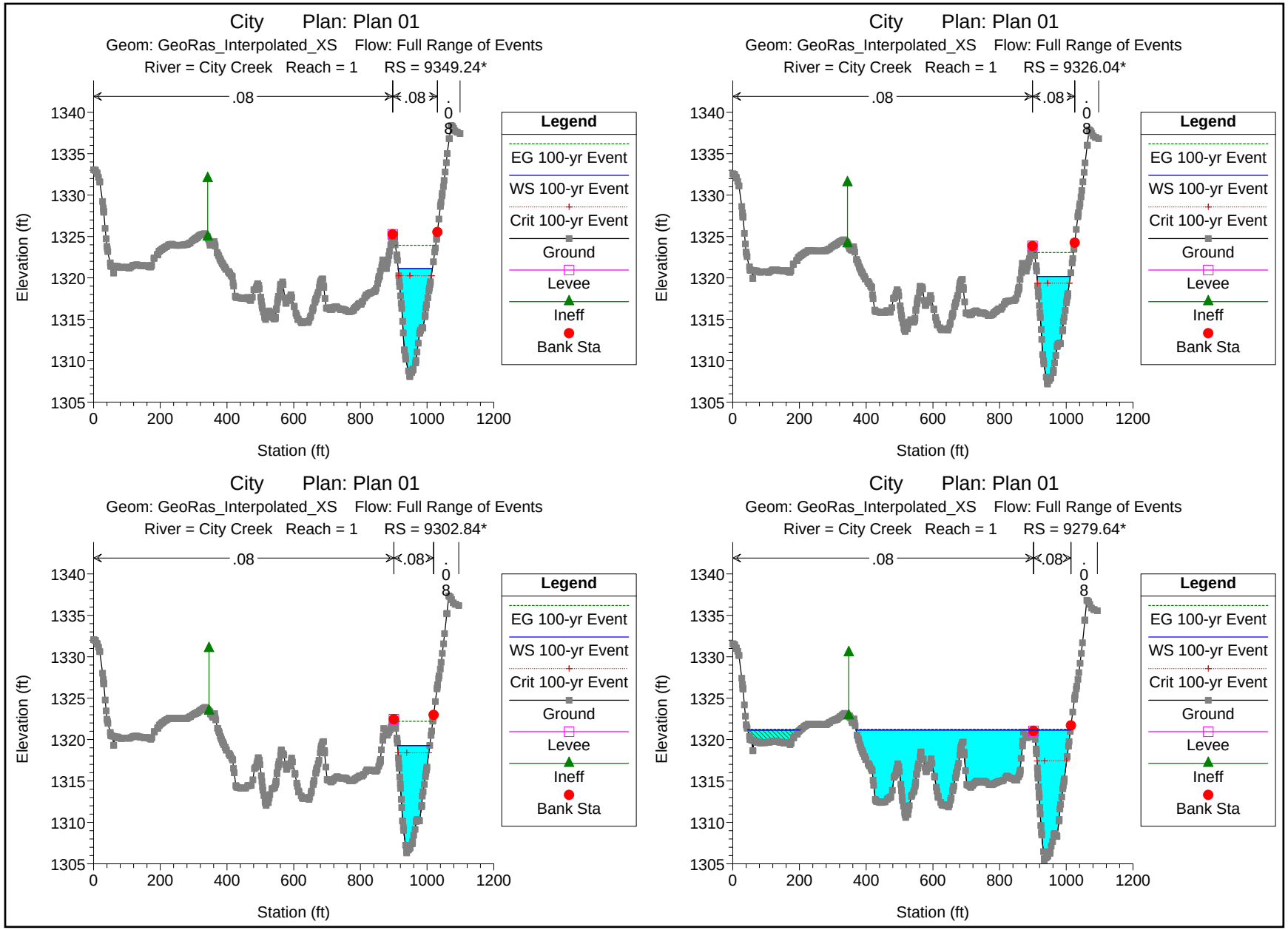

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9814.27*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9789.47*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9764.68*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9739.894
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)

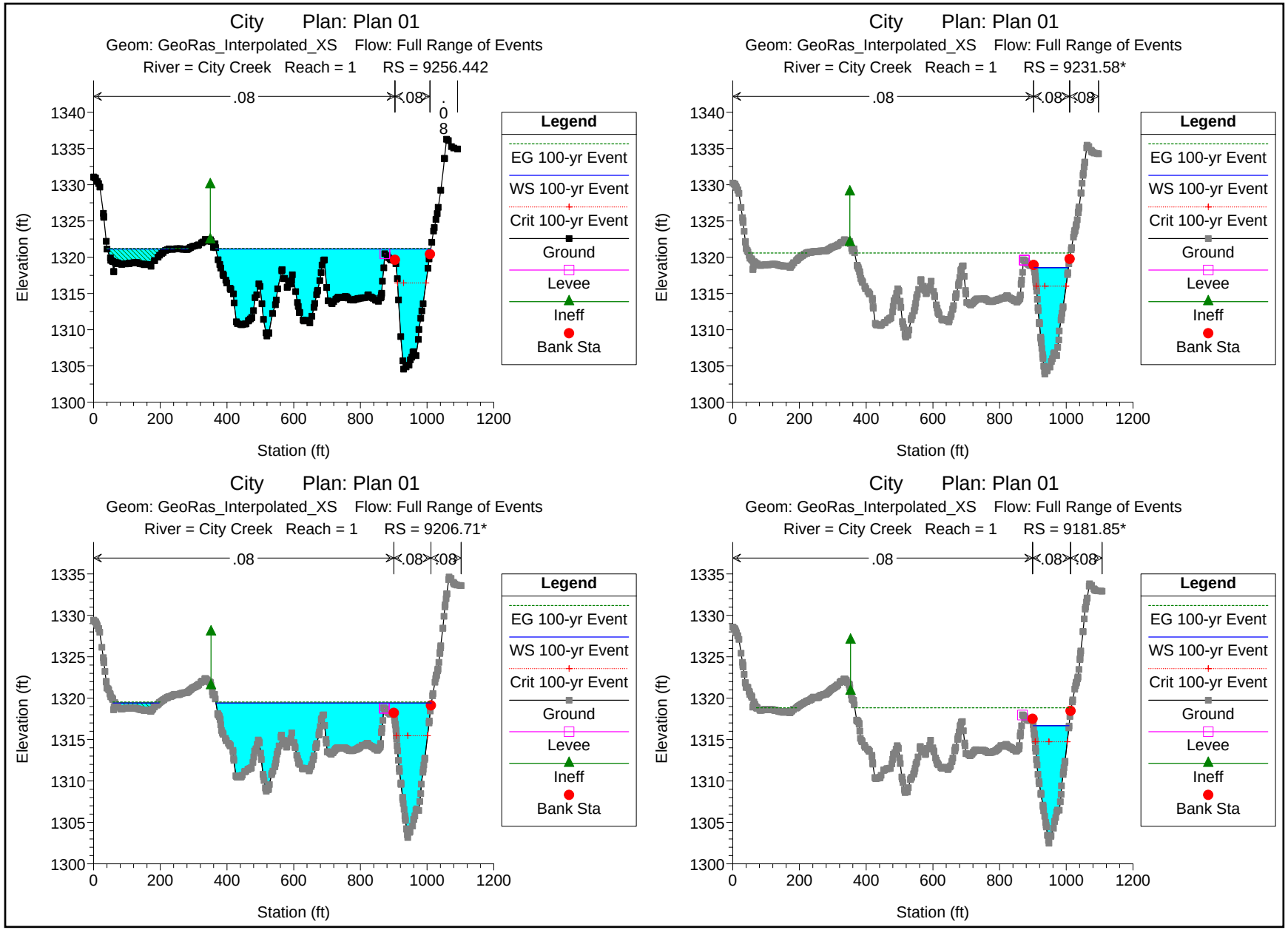

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9717.03*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9694.17*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9671.31*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9648.46*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

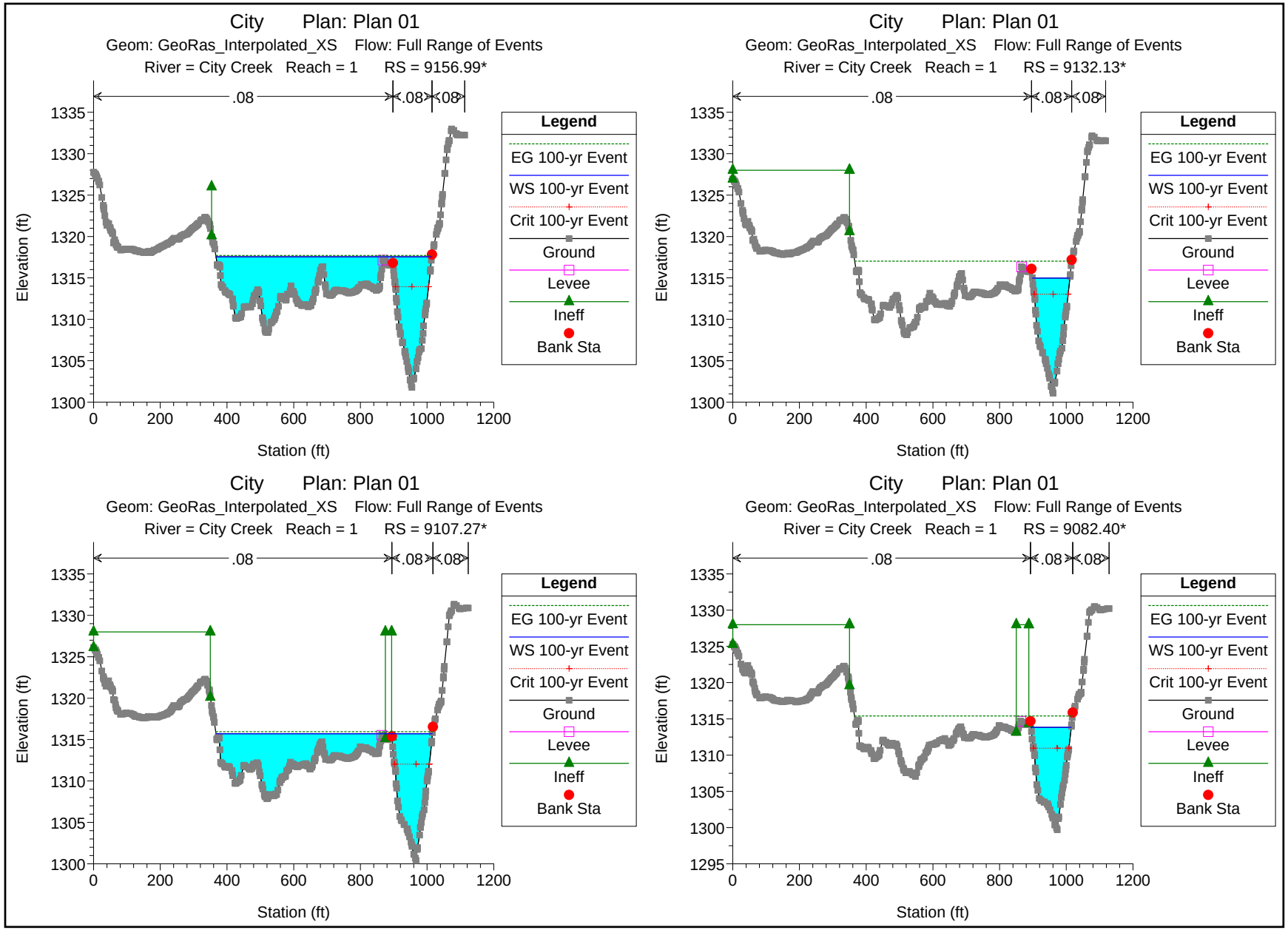

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9625.60*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9602.74*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9579.88*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9557.02*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1350
1345
1340
1335
1330
1325
1320
1315
0
200
400
600
800
1000
1200

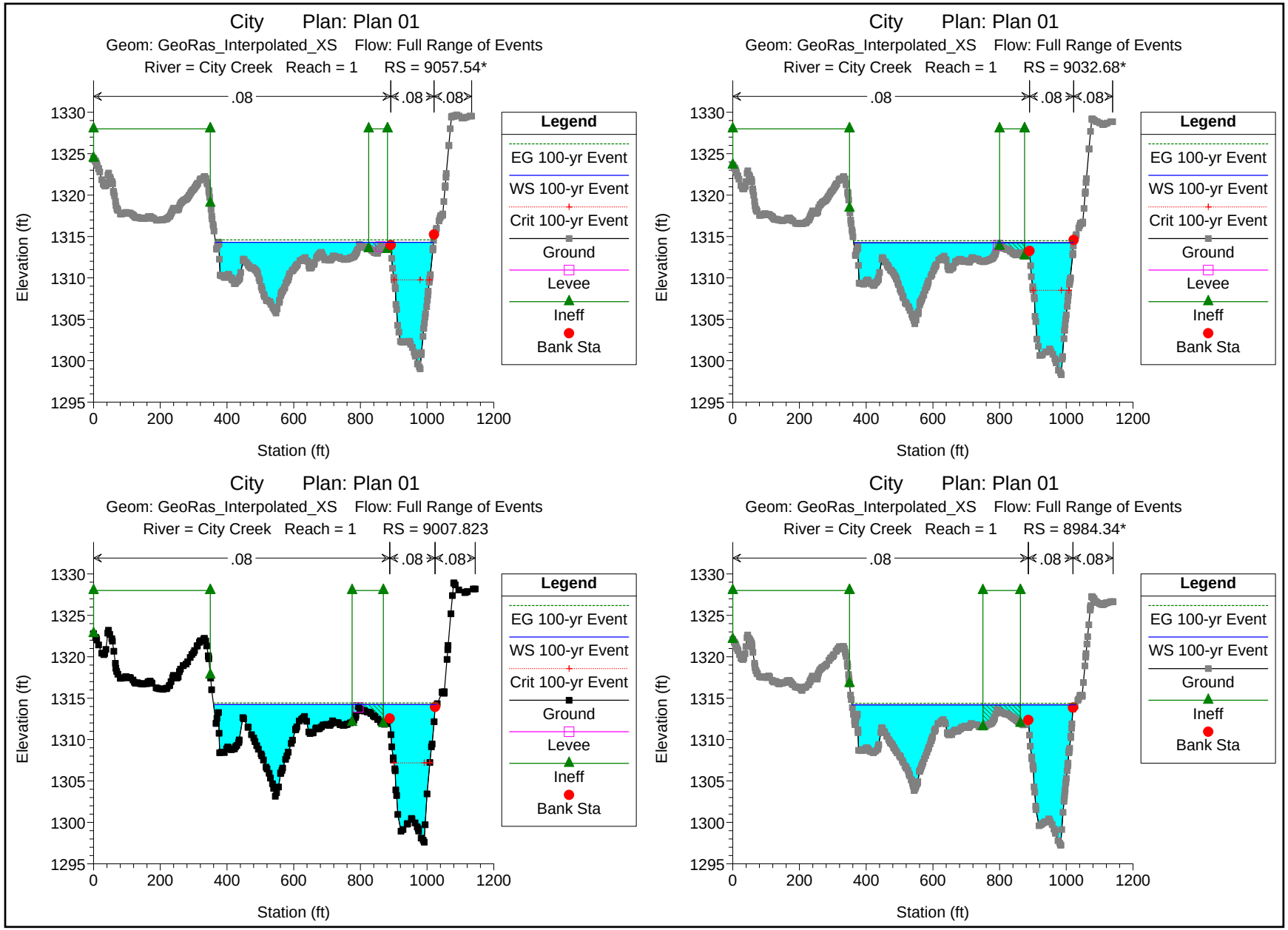

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9534.17*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9511.31*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9488.453
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9465.25*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

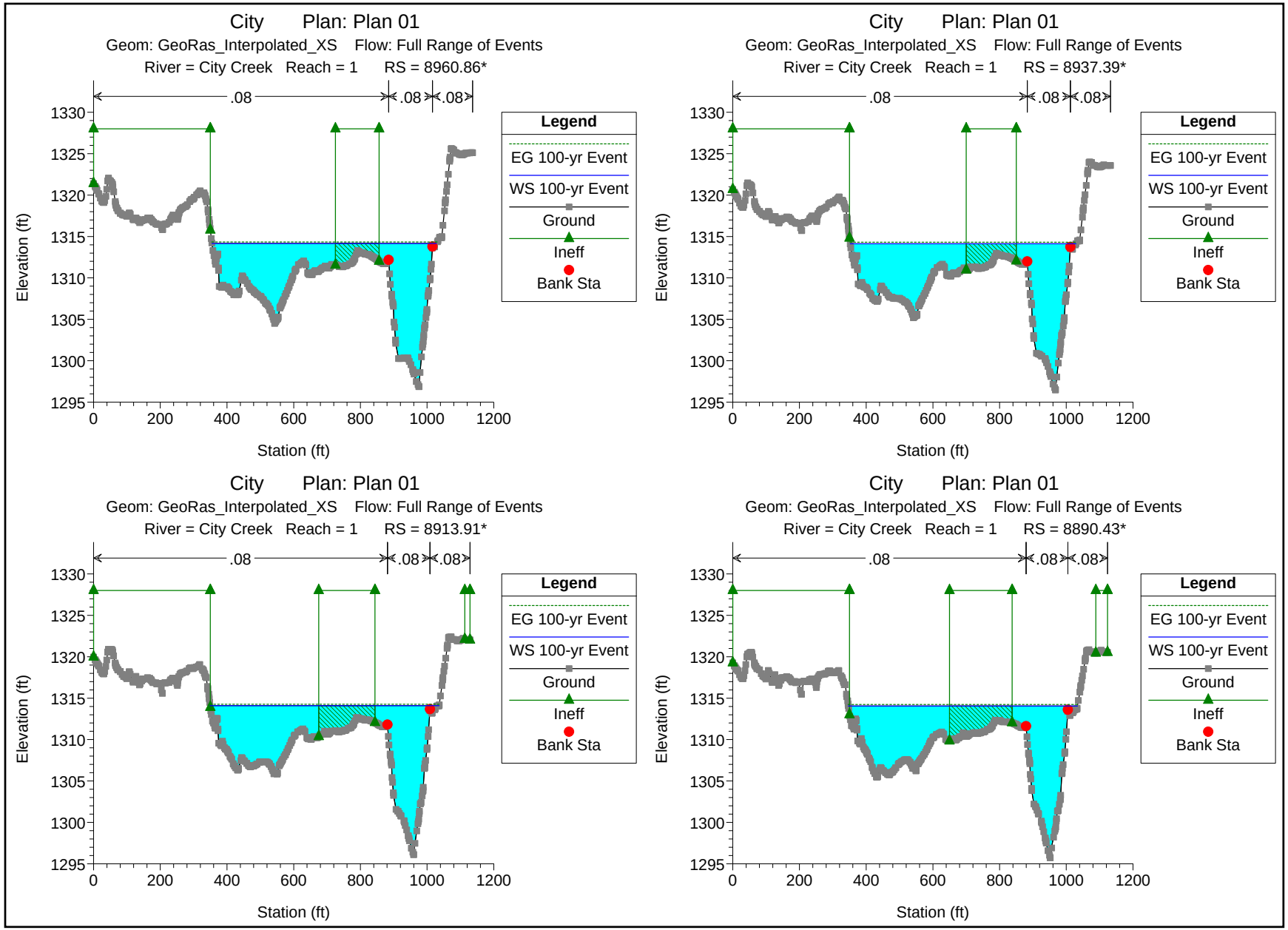

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9442.05*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9418.85*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9395.64*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9372.44*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)

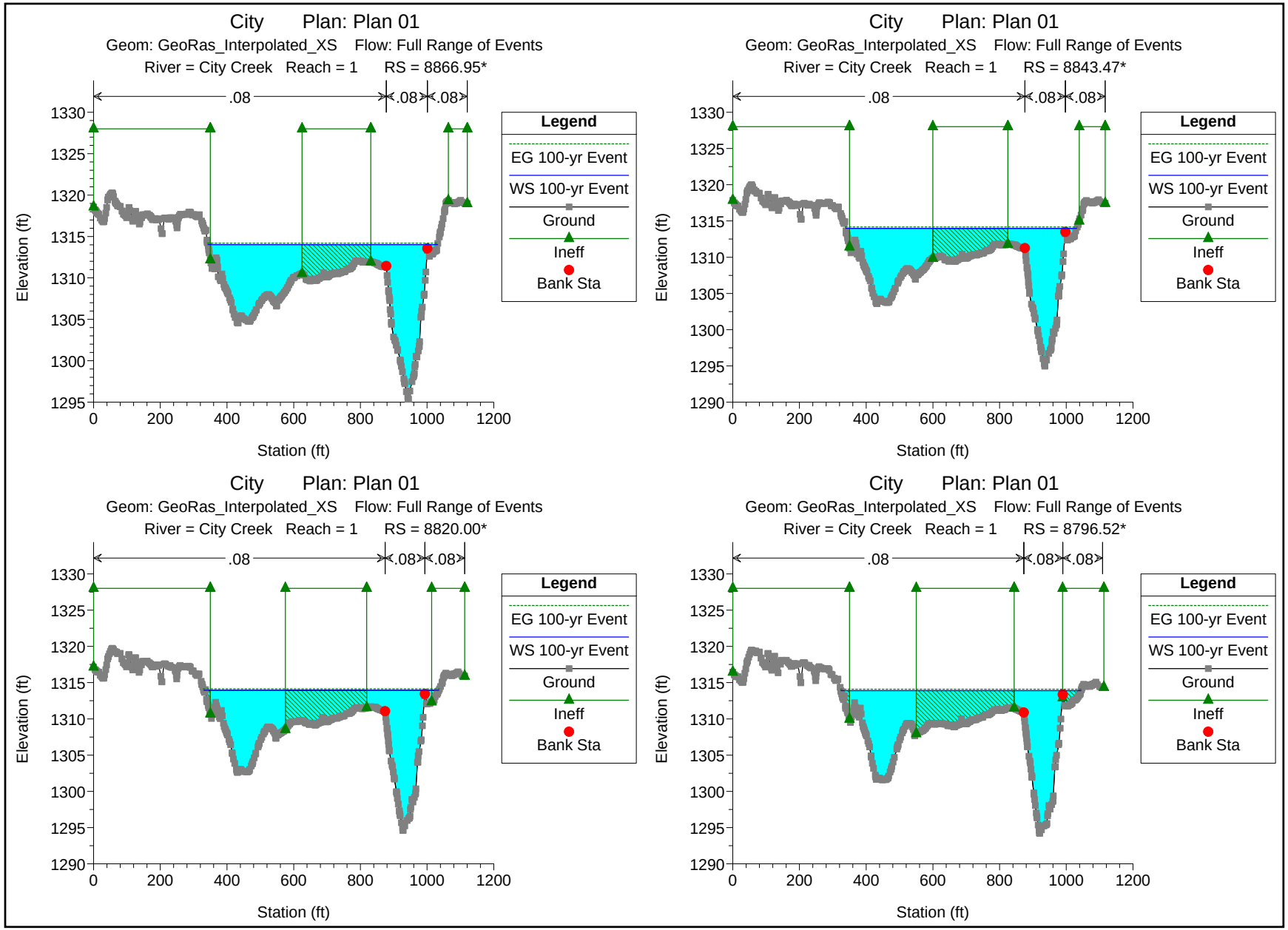

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9349.24*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9326.04*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9302.84*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9279.64*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

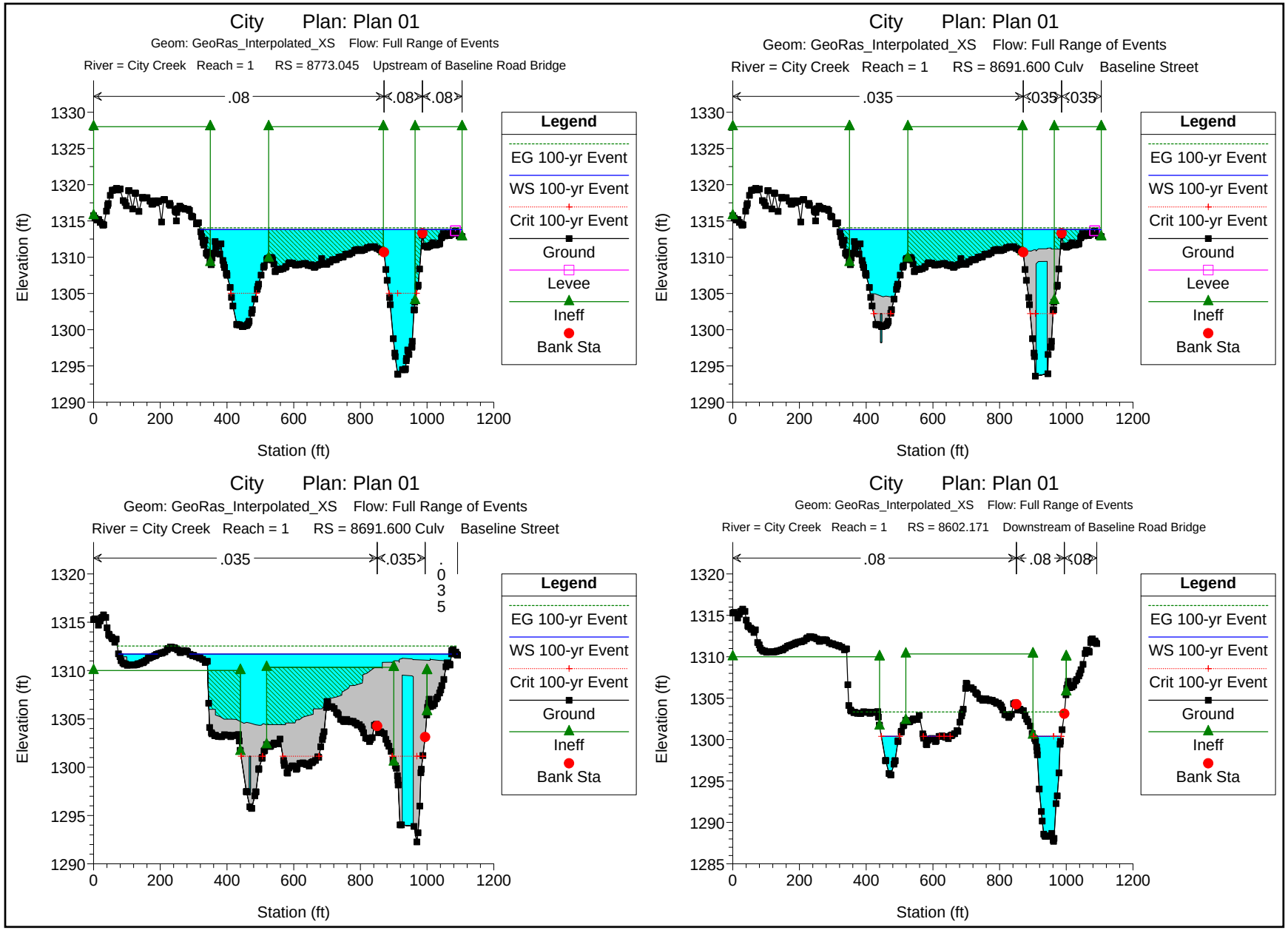

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9256.442
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9231.58*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9206.71*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9181.85*
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

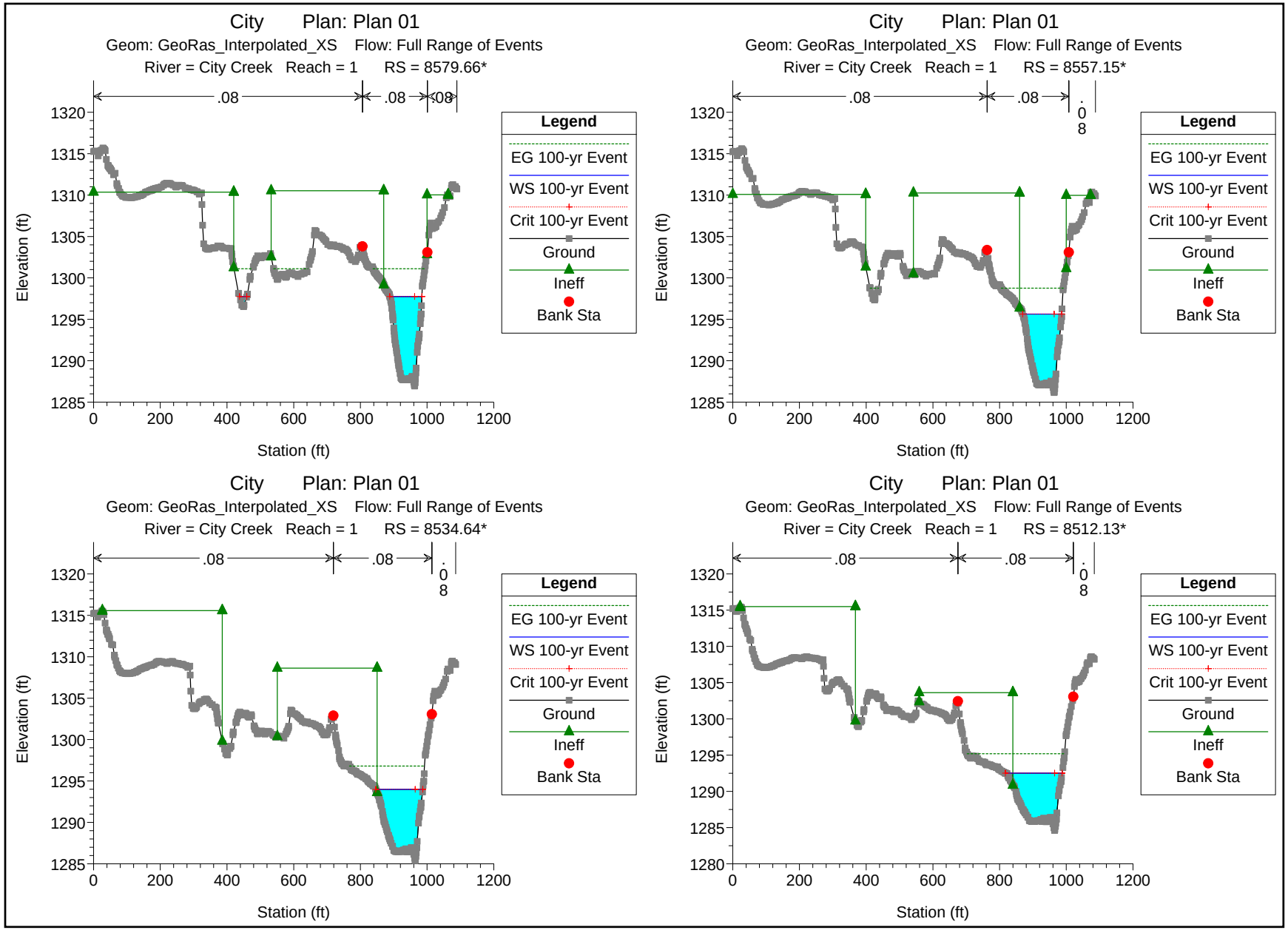

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9156.99*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9132.13*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9107.27*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9082.40*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

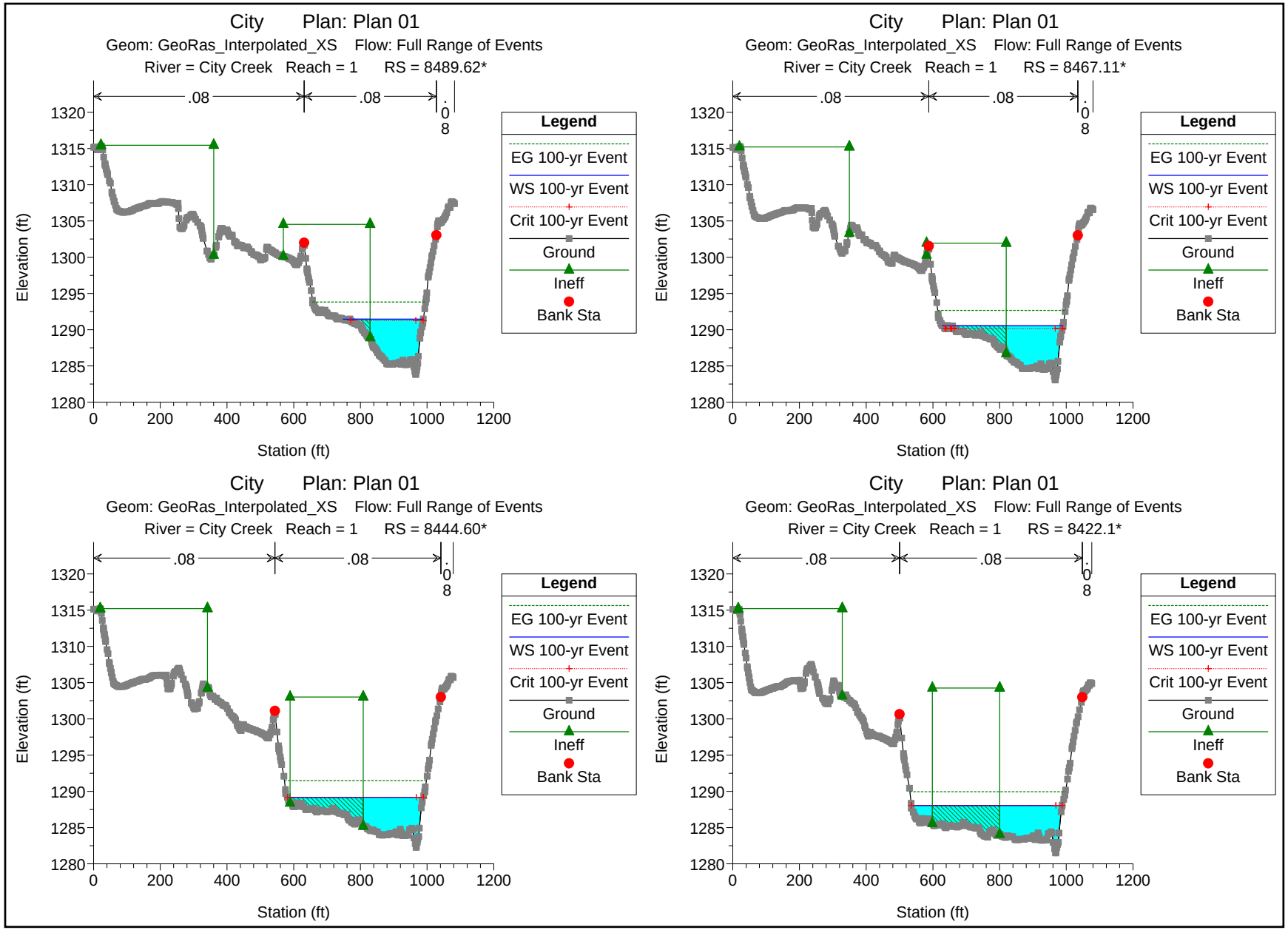

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9057.54*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9032.68*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 9007.823
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8984.34*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

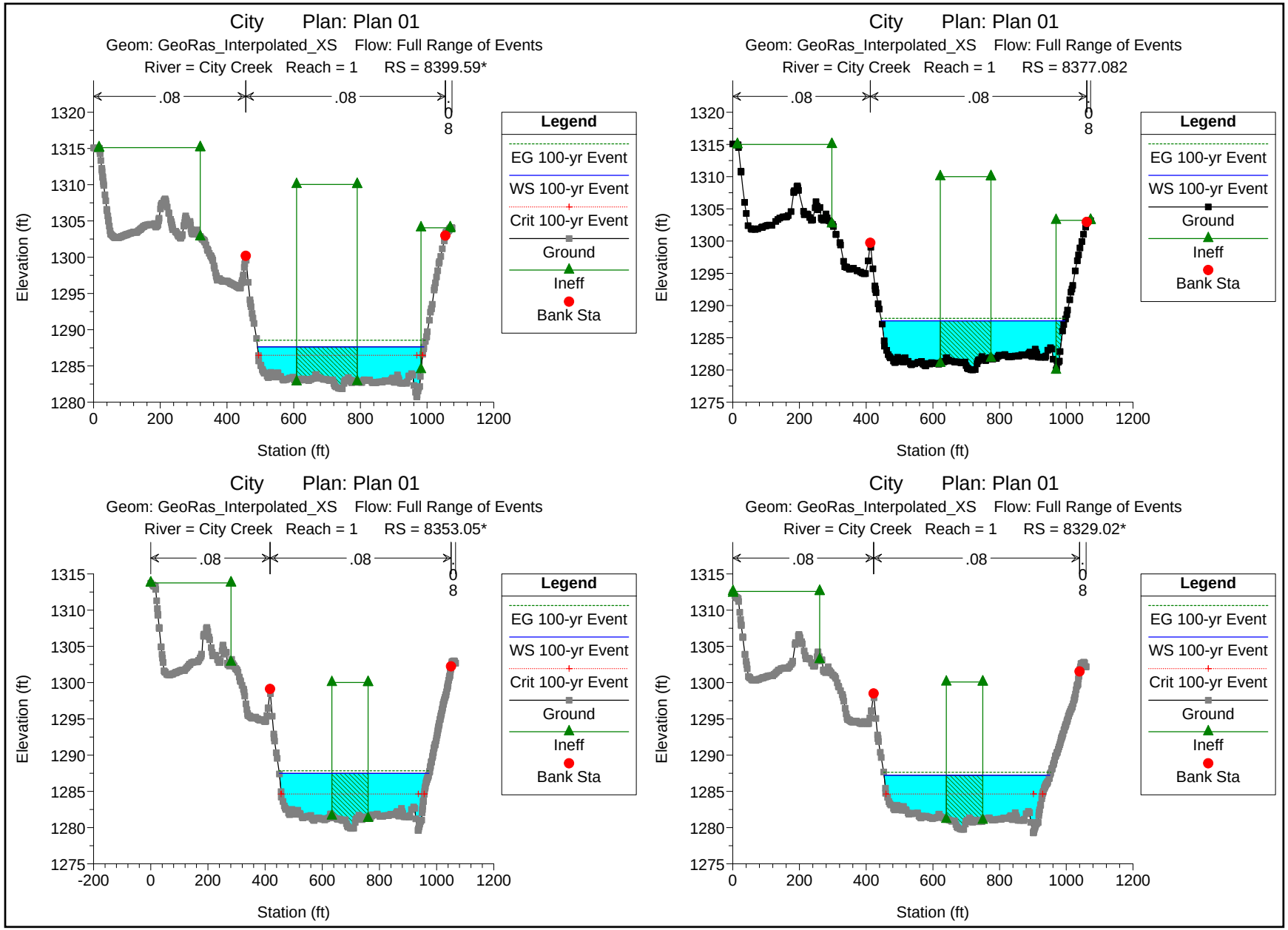

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8960.86*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8937.39*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8913.91*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8890.43*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1330
1325
1320
1315
1310
1305
1300
1295
0
200
400
600
800
1000
1200

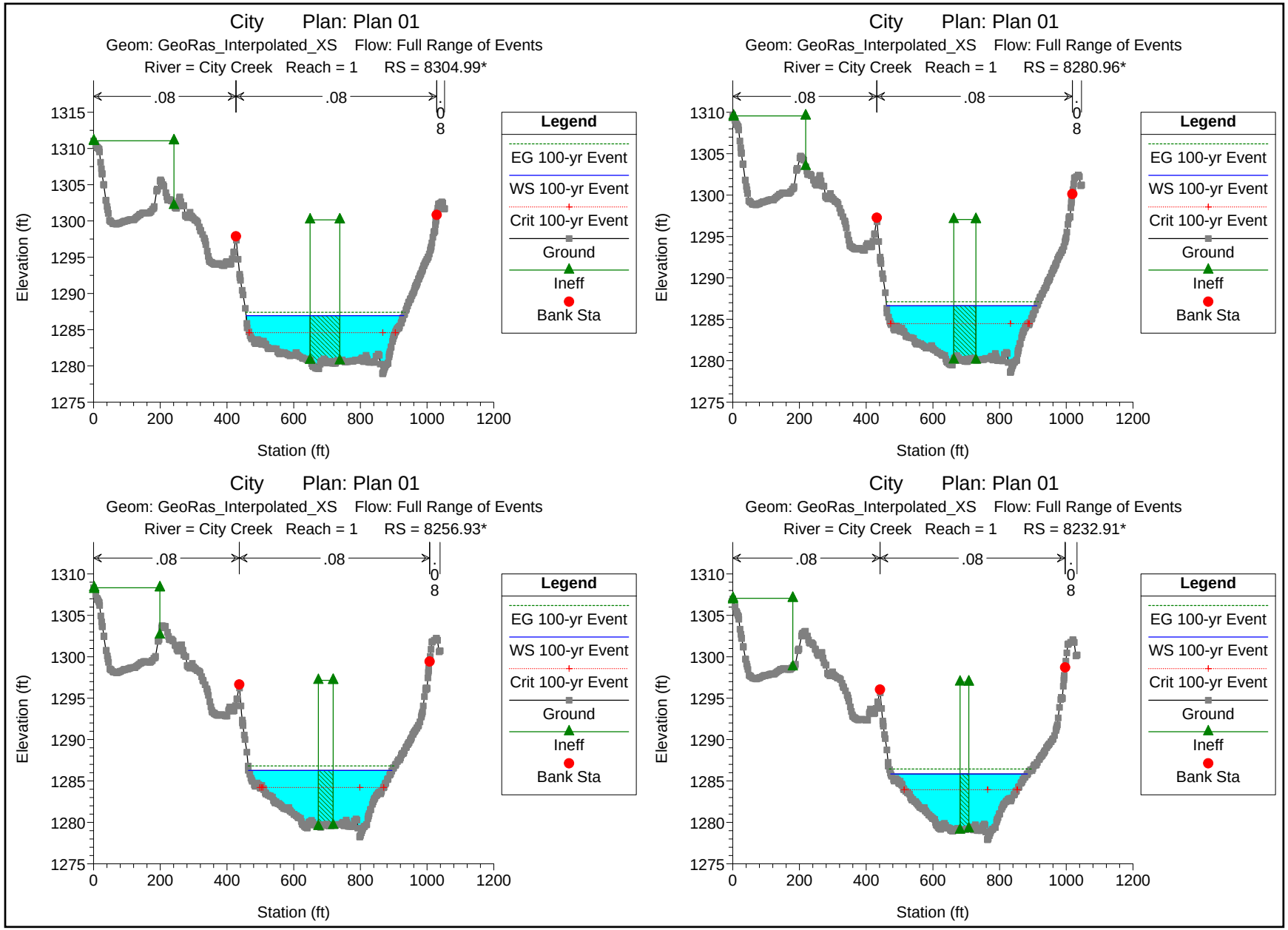

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8866.95*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8843.47*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8820.00*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8796.52*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1330
1325
1320
1315
1310
1305
1300
1295
1290
0
200
400
600
800
1000
1200

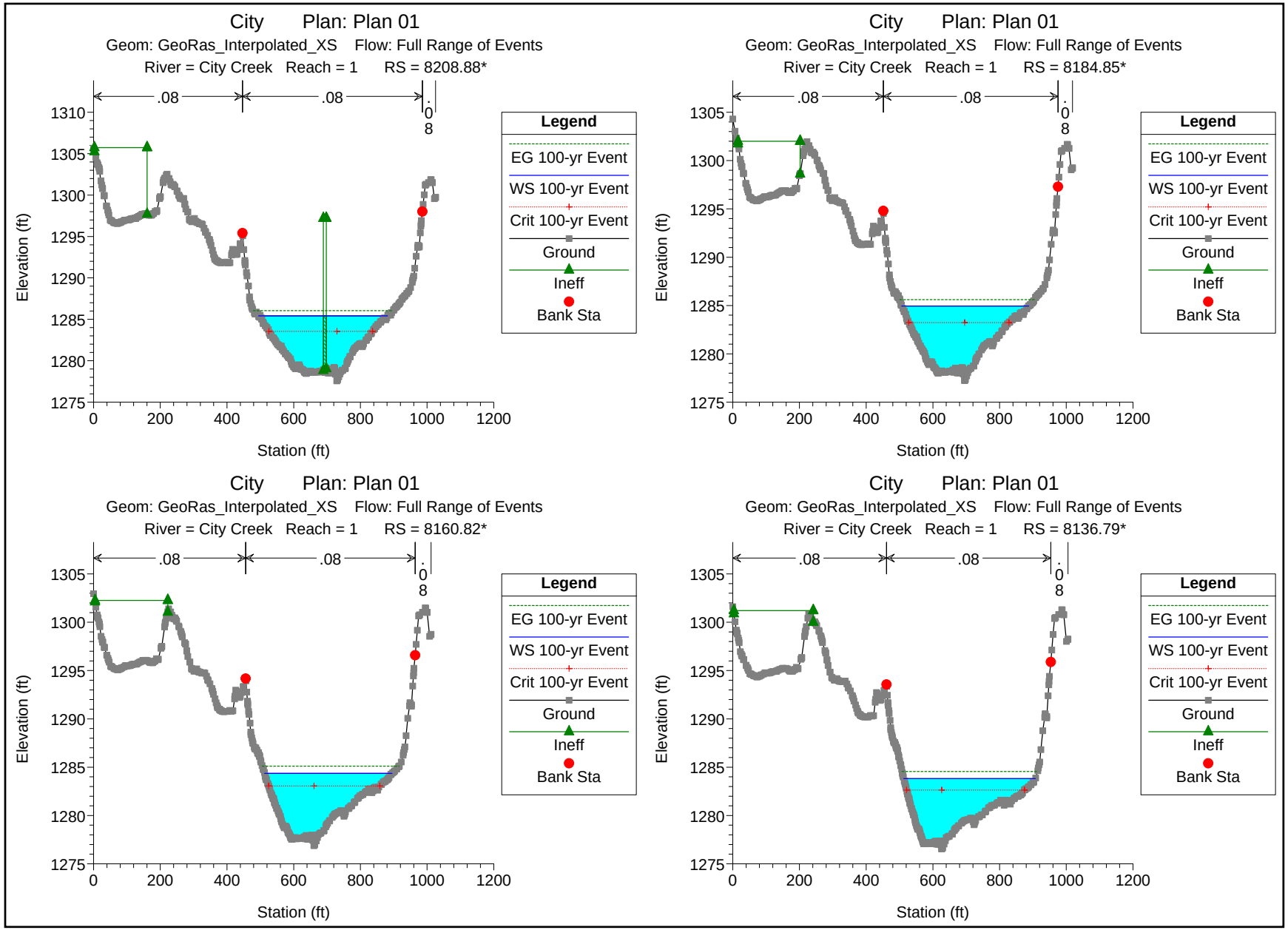

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8773.045 Upstream of Baseline Road Bridge
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8691.600 Culv Baseline Street
.035
.035
.035
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8691.600 Culv Baseline Street
.035
.035
.035
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8602.171 Downstream of Baseline Road Bridge
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta

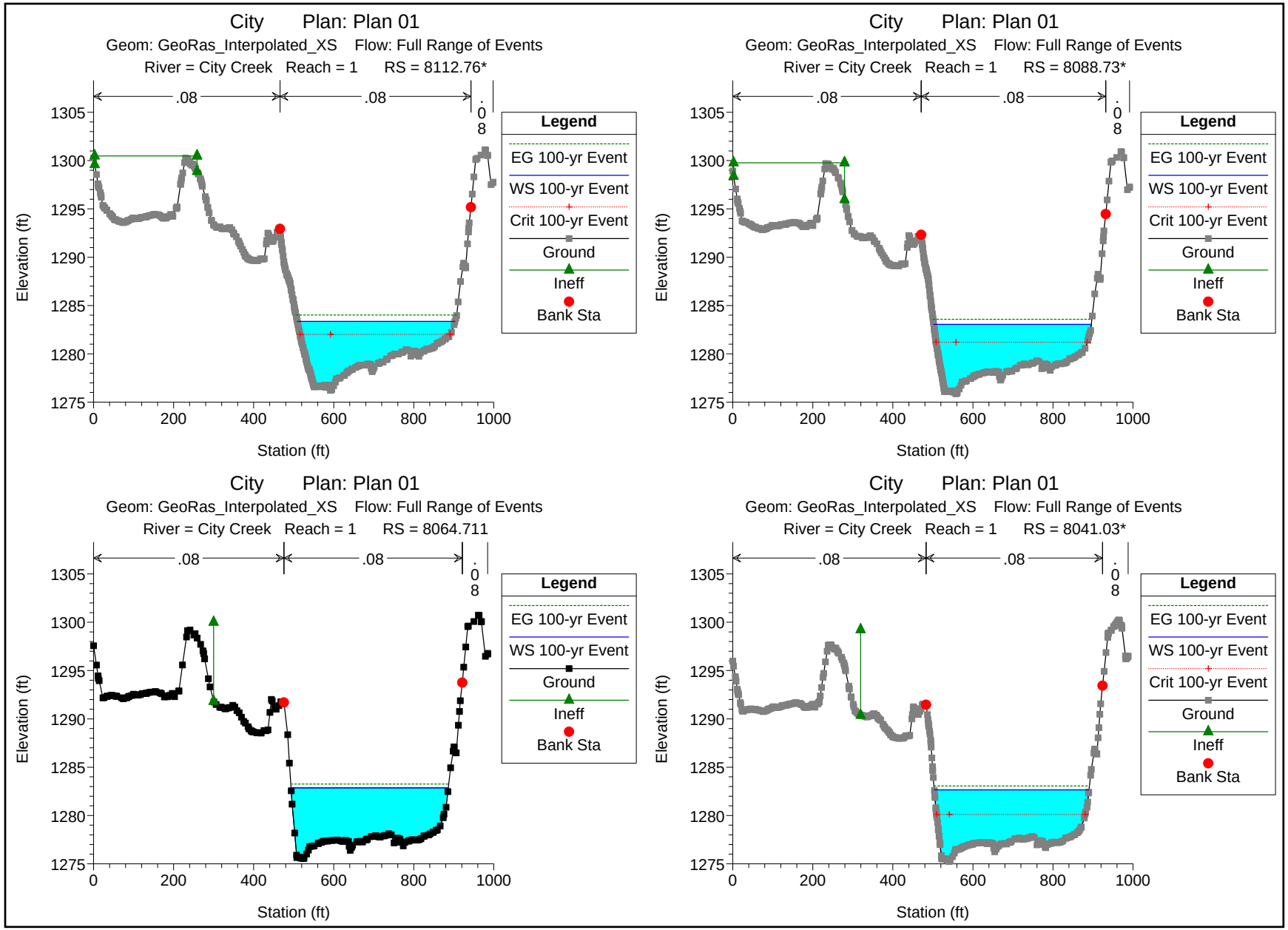

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8579.66*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8557.15*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8534.64*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8512.13*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)

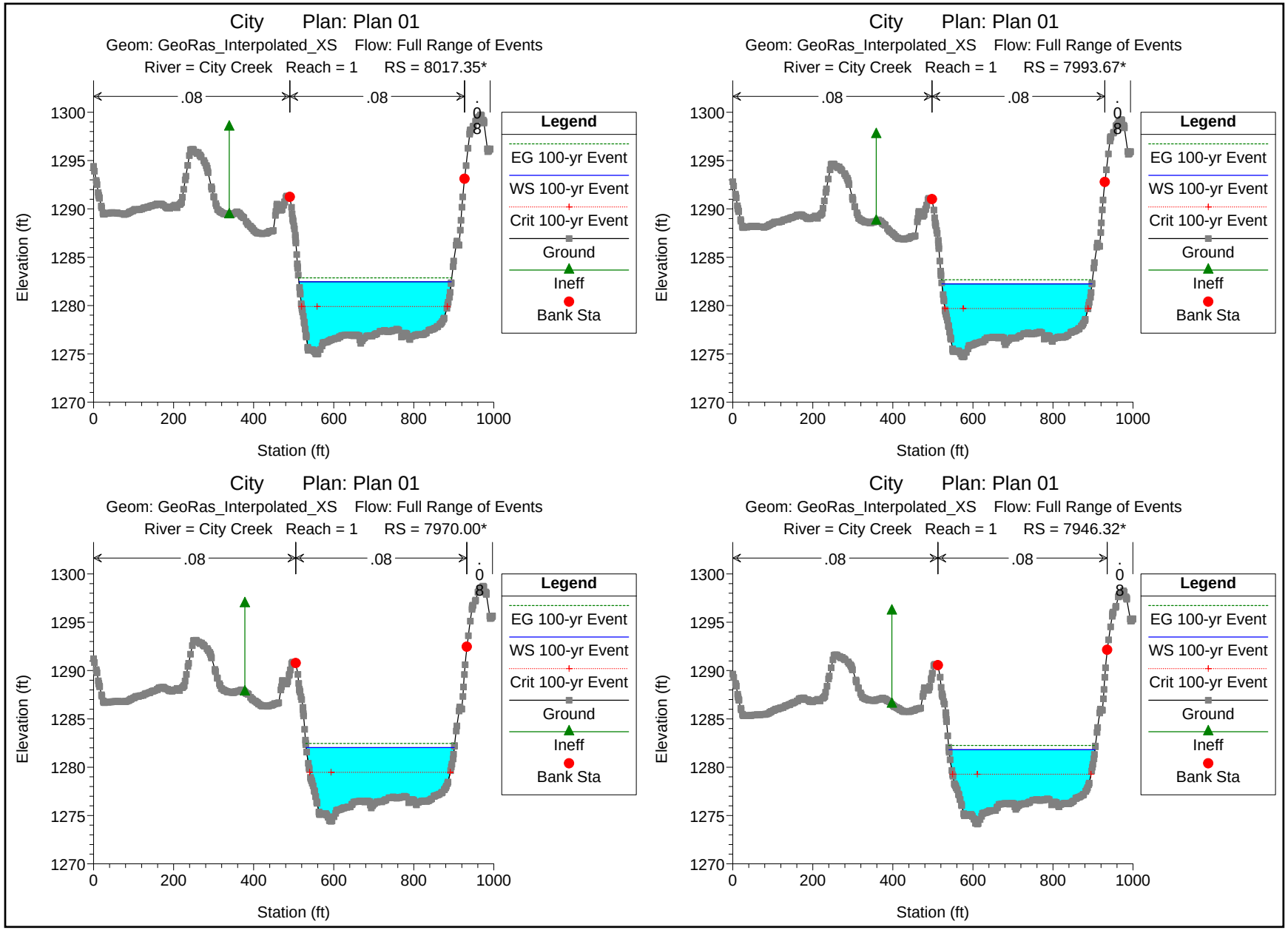

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8489.62*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8467.11*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8444.60*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8422.1*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta

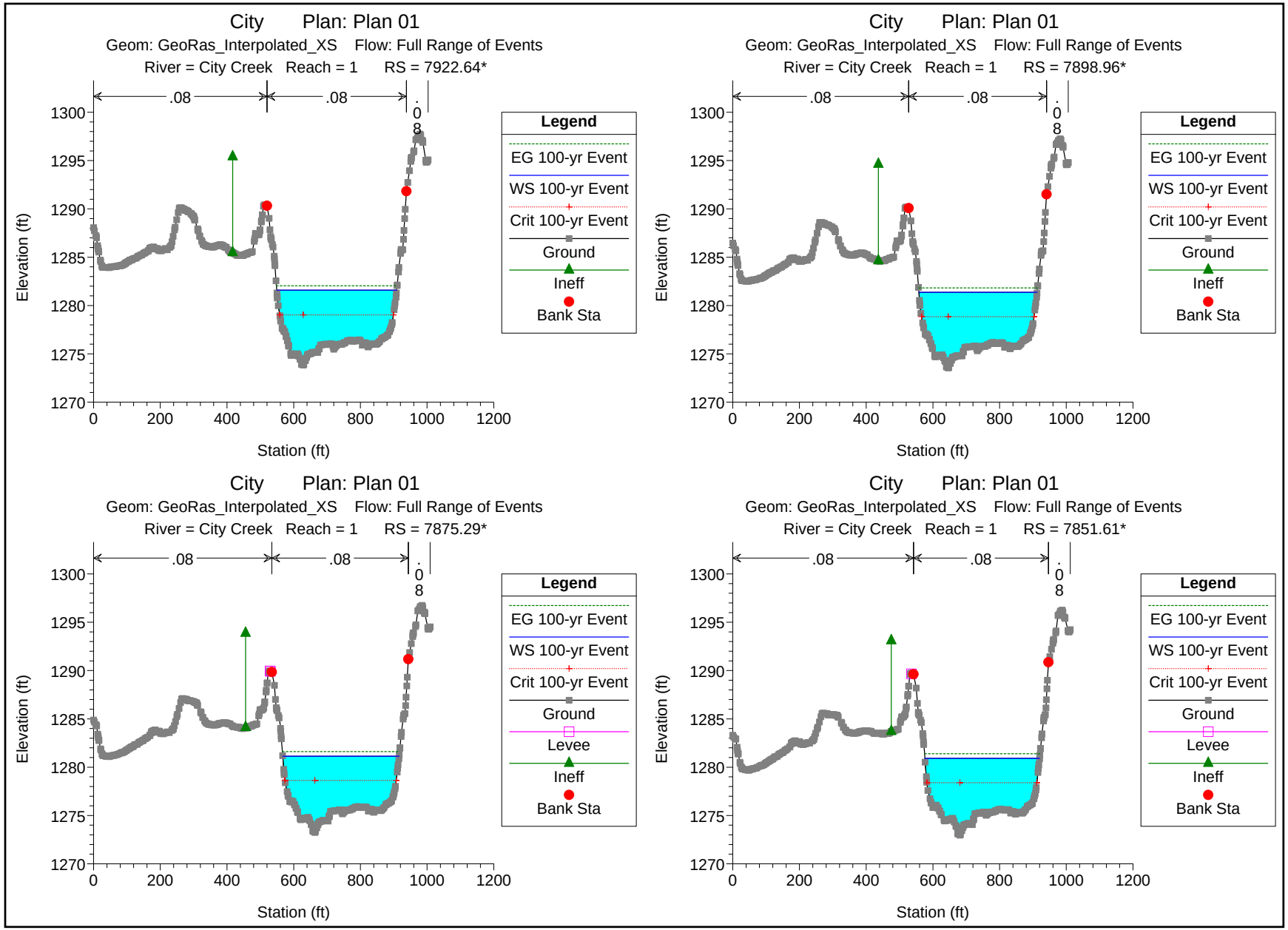

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8399.59*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8377.082
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8353.05*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8329.02*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta

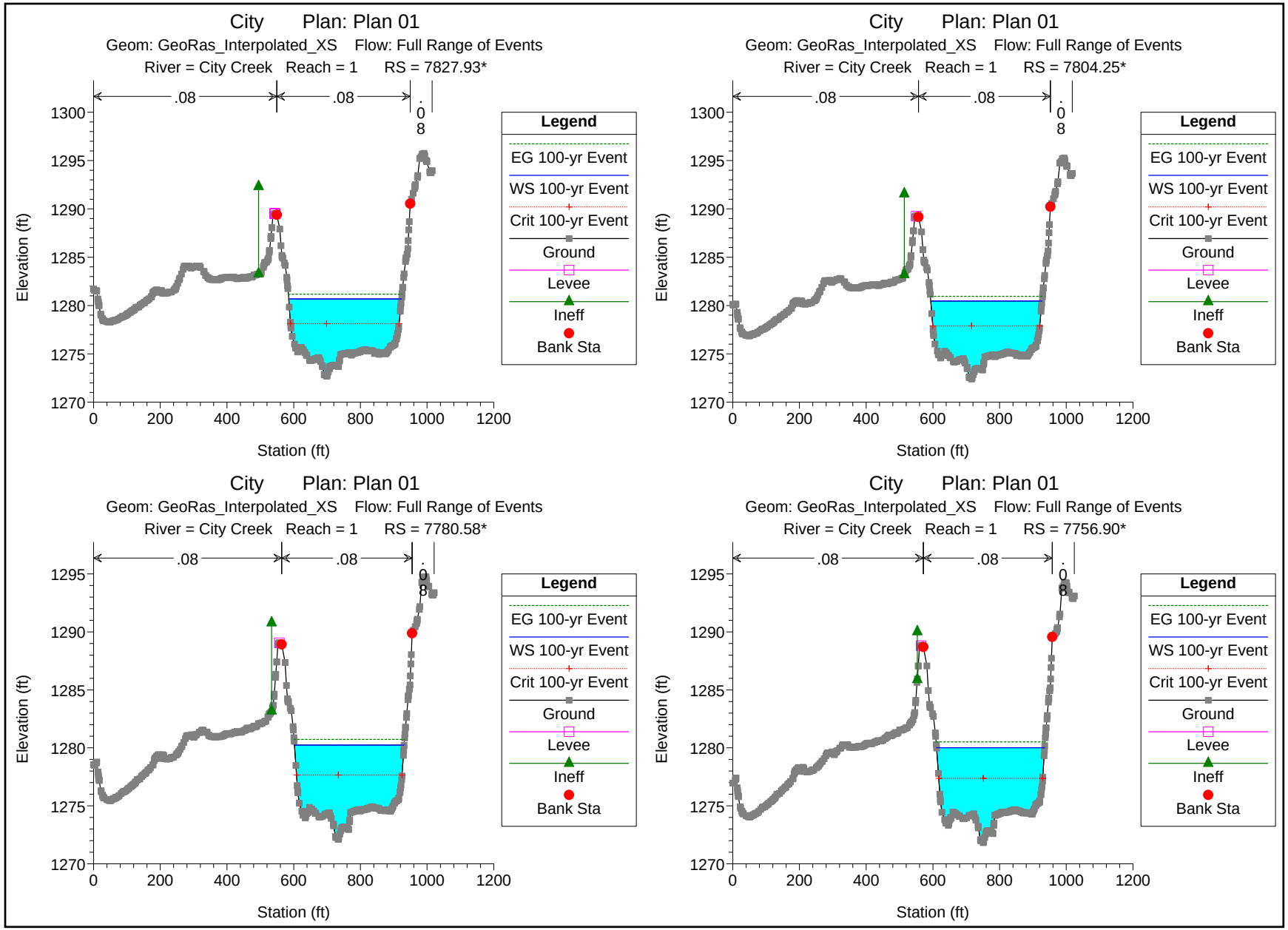

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8304.99*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8280.96*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8256.93*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8232.91*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta

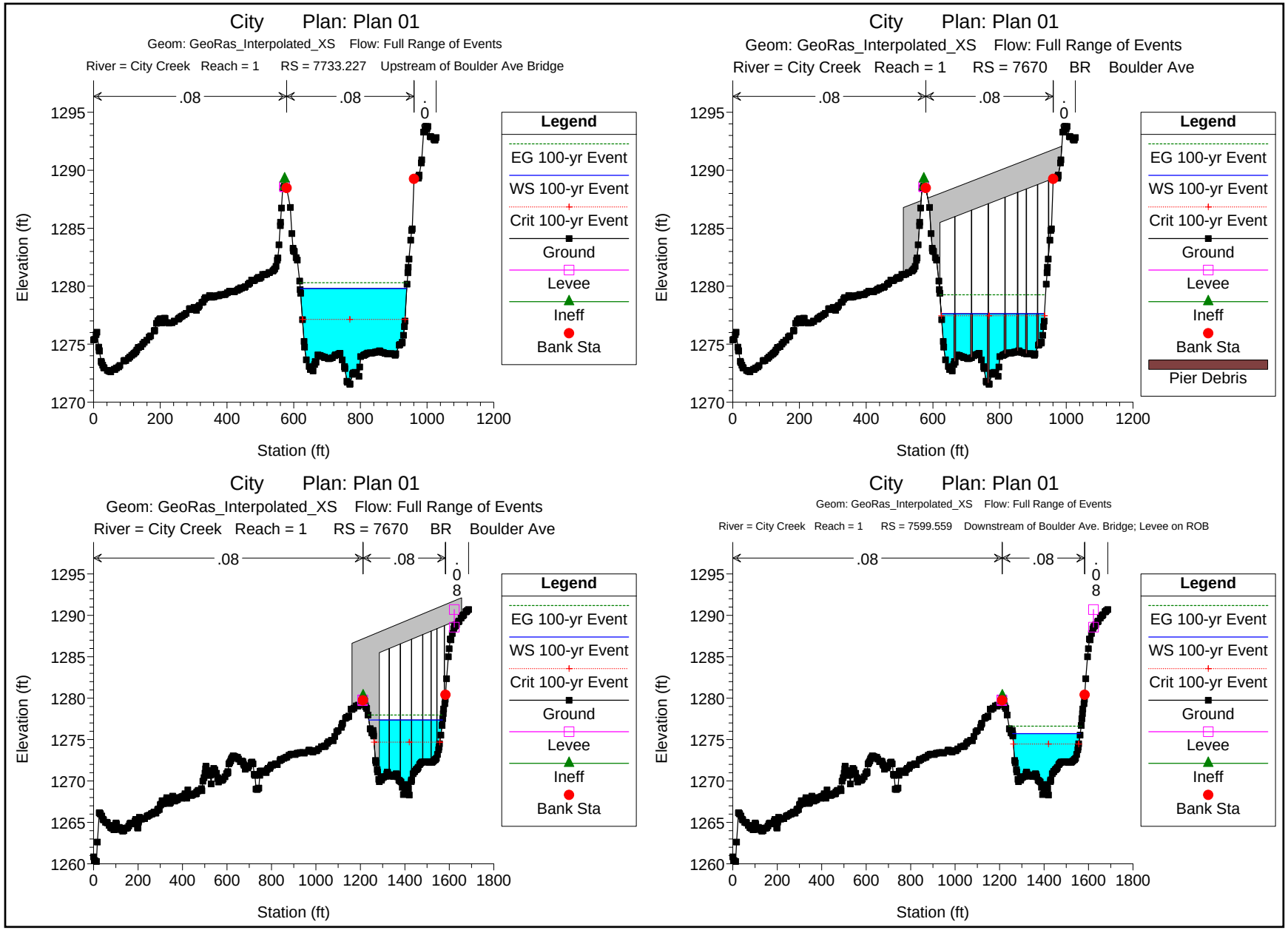

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8208.88*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8184.85*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8160.82*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8136.79*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta

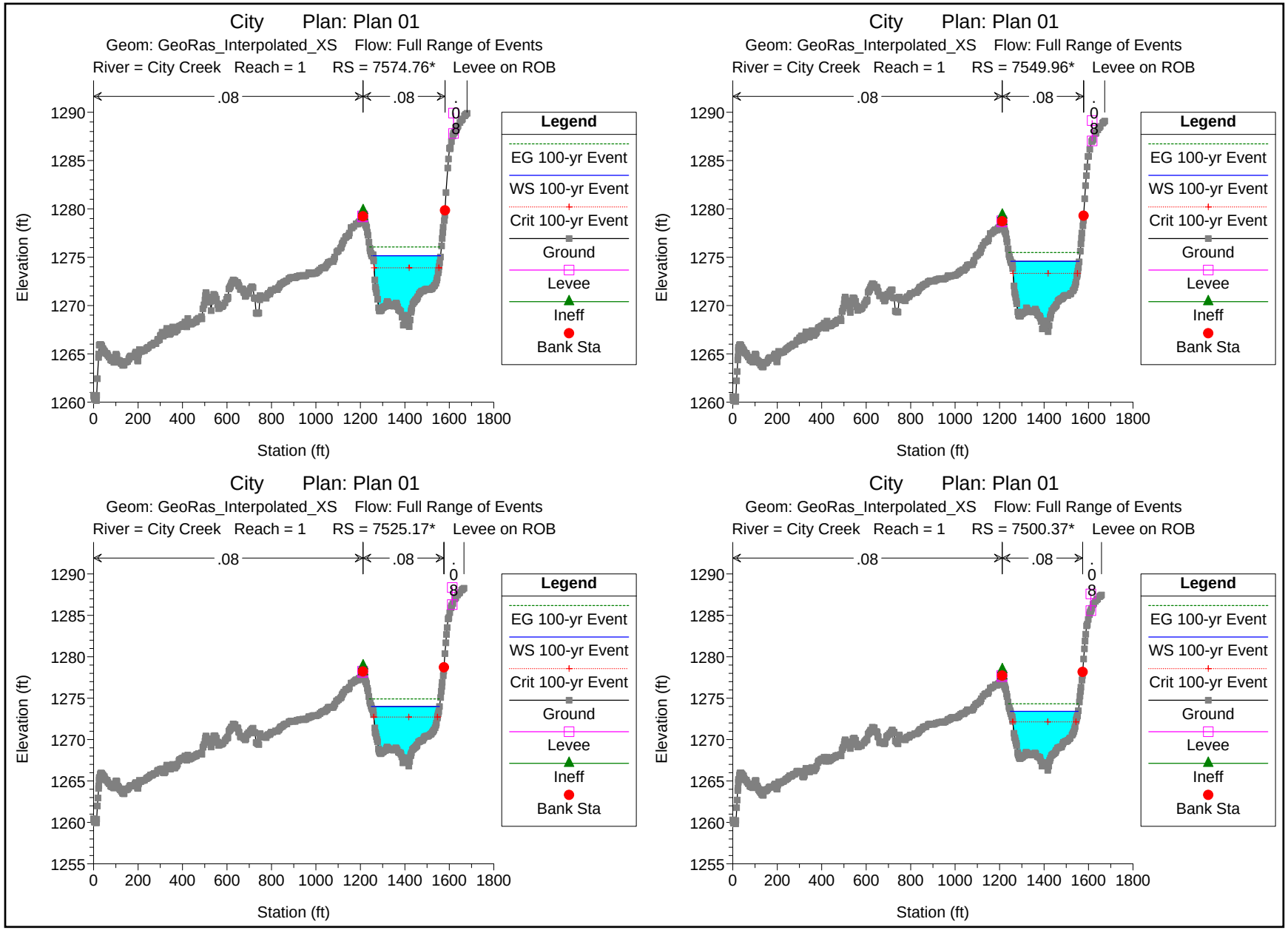

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8112.76*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8088.73*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8064.711
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8041.03*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
1305
1300
1295
1290
1285
1280
1275
Station (ft)
0
200
400
600
800
1000

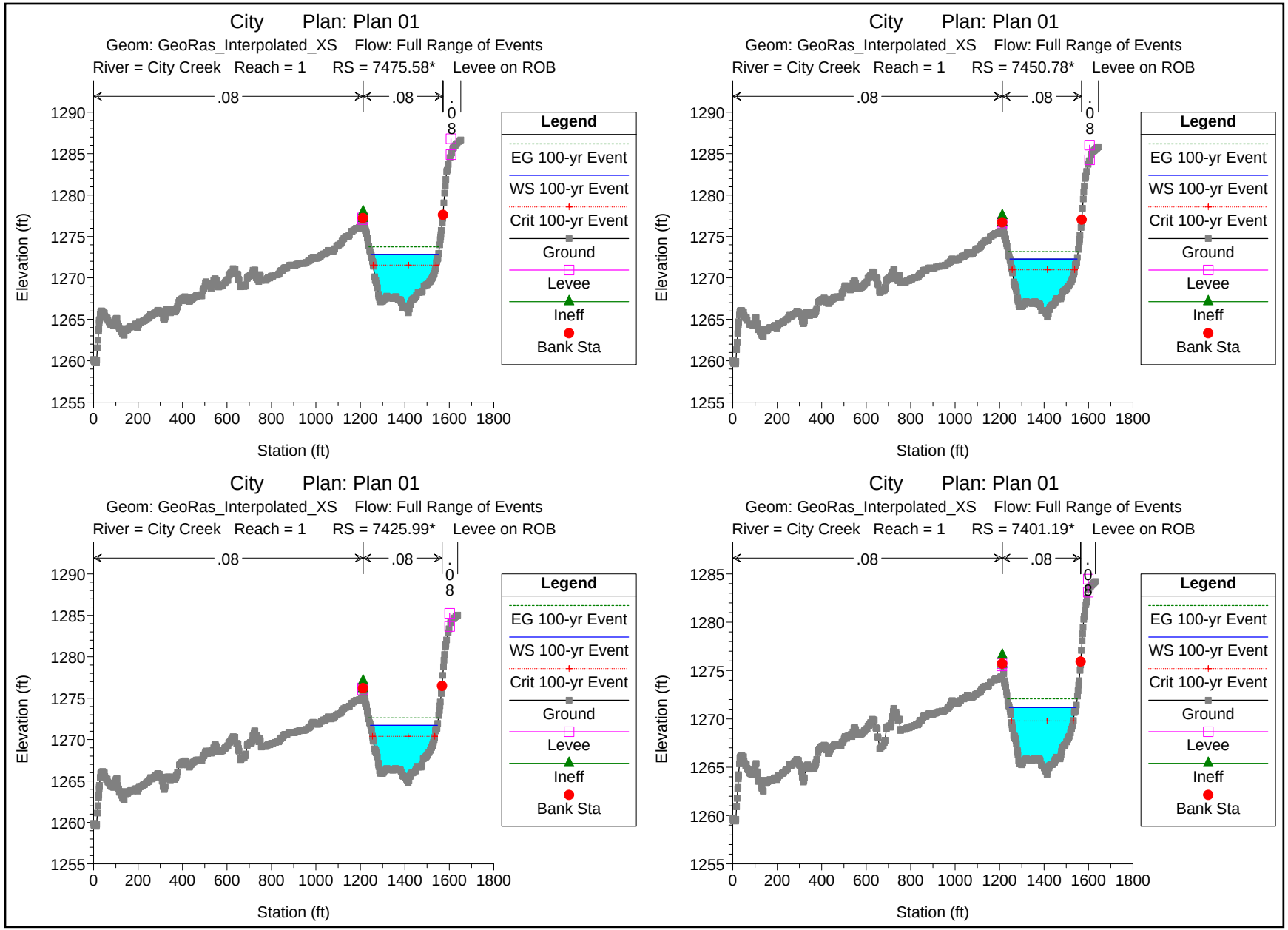

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 8017.35*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7993.67*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7970.00*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7946.32*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
1270
1275
1280
1285
1290
1295
1300
Station (ft)
0
200
400
600
800
1000

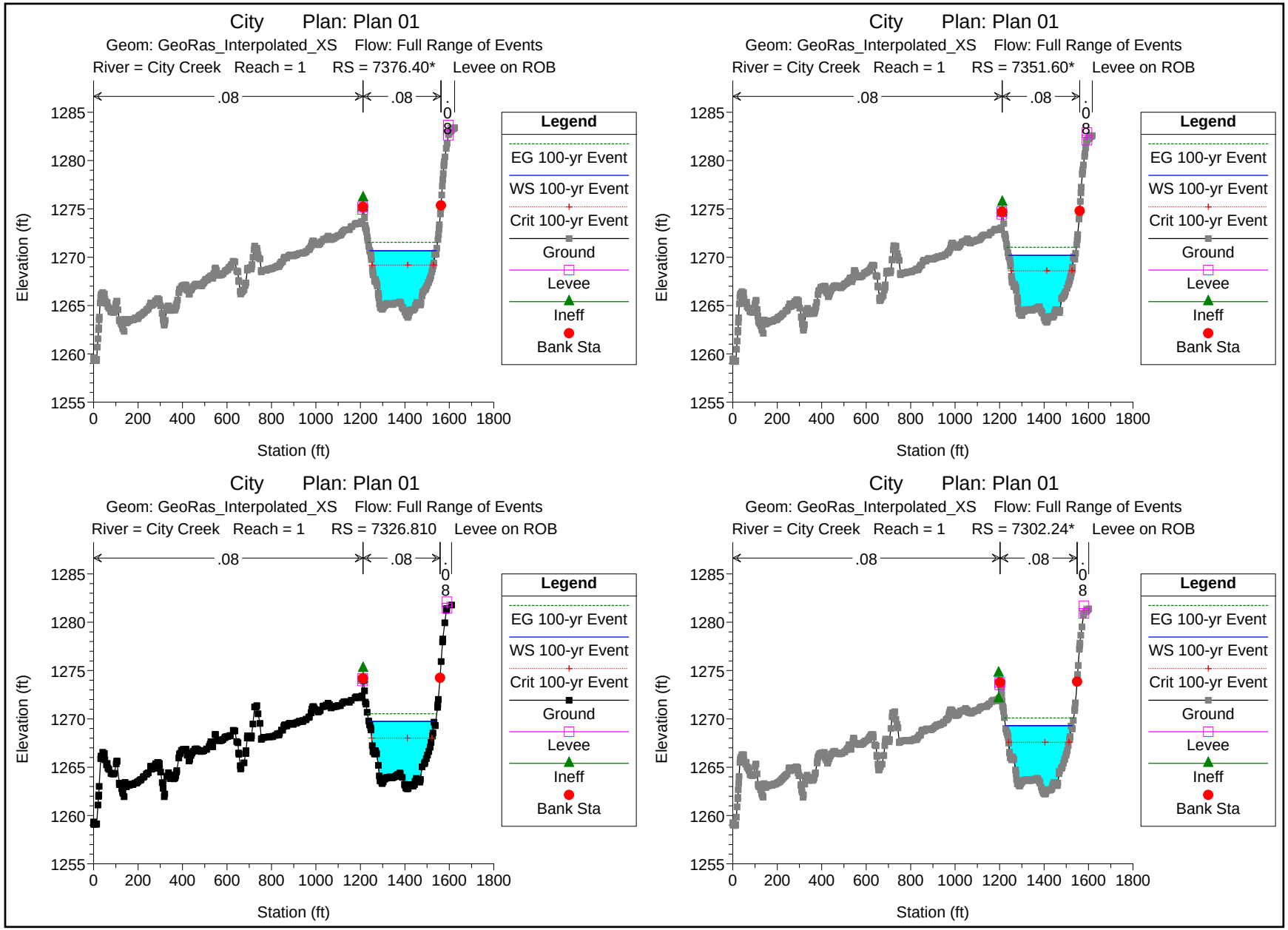

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7922.64*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7898.96*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7875.29*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7851.61*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

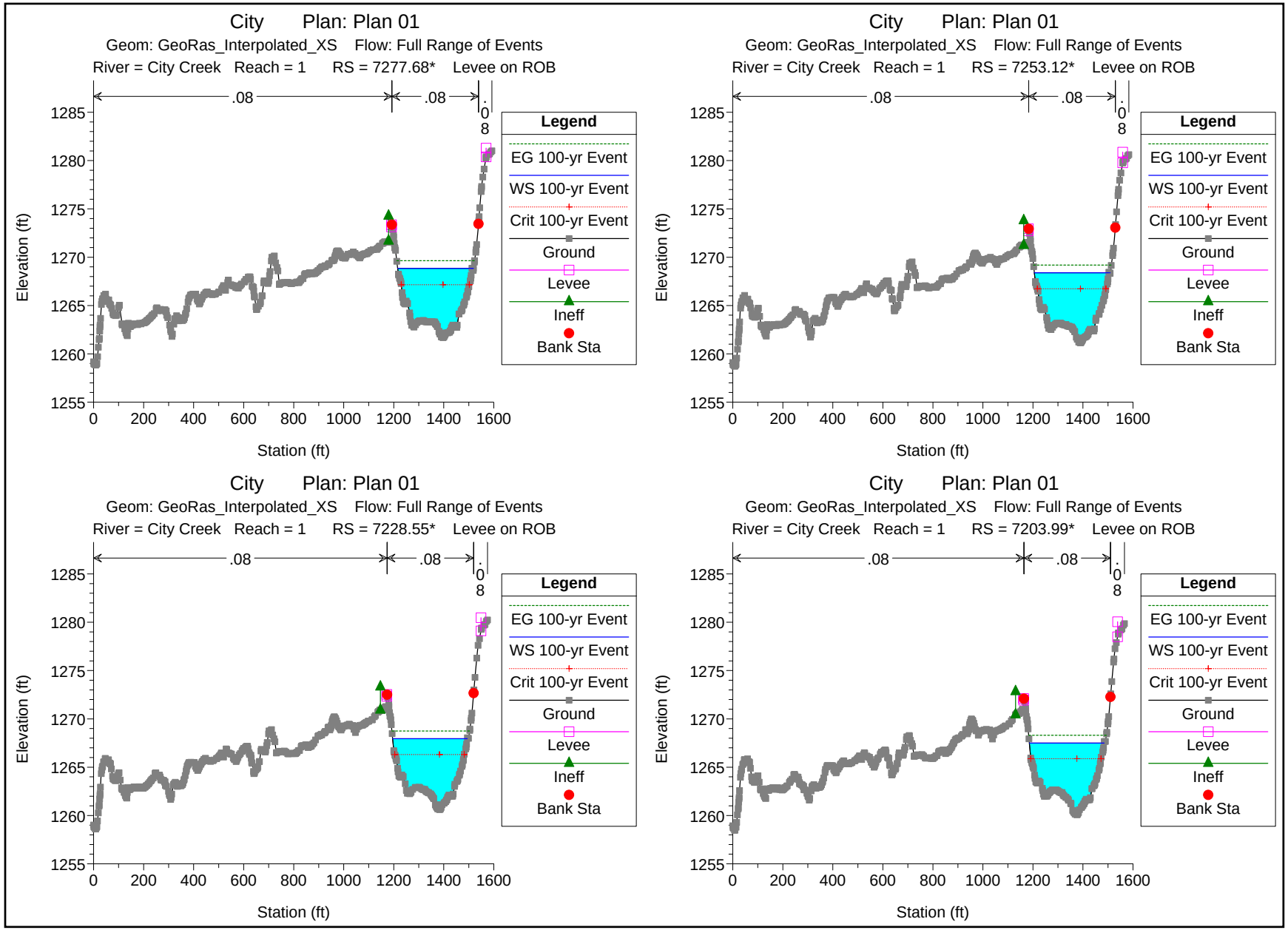

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7827.93*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7804.25*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7780.58*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7756.90*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

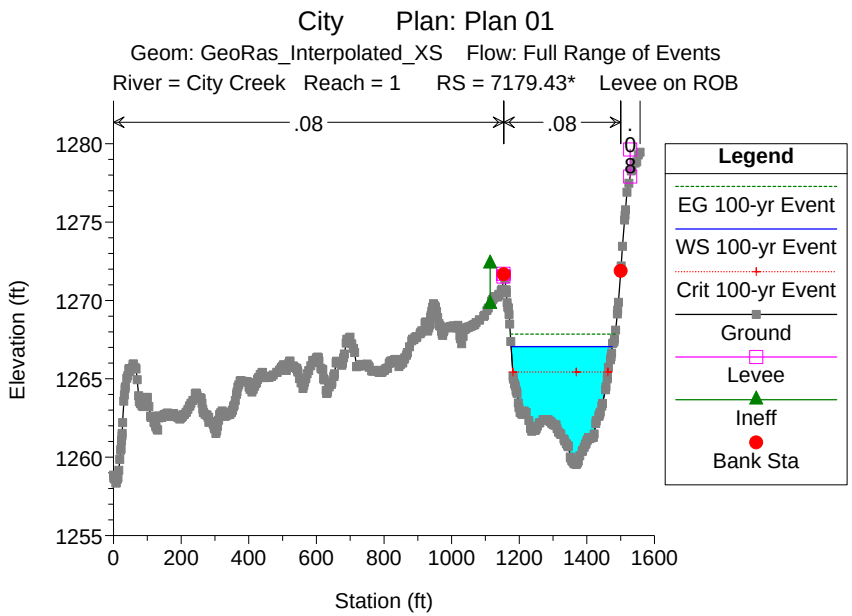

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7733.227 Upstream of Boulder Ave Bridge
.08
.08
.0
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7670 BR Boulder Ave
.08
.08
.0
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Pier Debris
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7670 BR Boulder Ave
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7599.559 Downstream of Boulder Ave. Bridge; Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

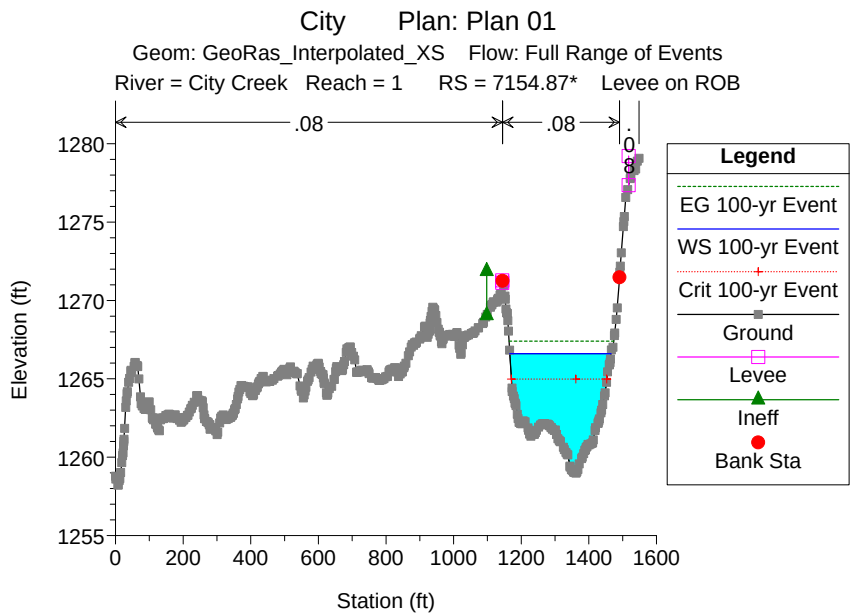

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7574.76* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7549.96* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7525.17* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7500.37* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1290
1285
1280
1275
1270
1265
1260
1255
0
200
400
600
800
1000
1200
1400
1600
1800

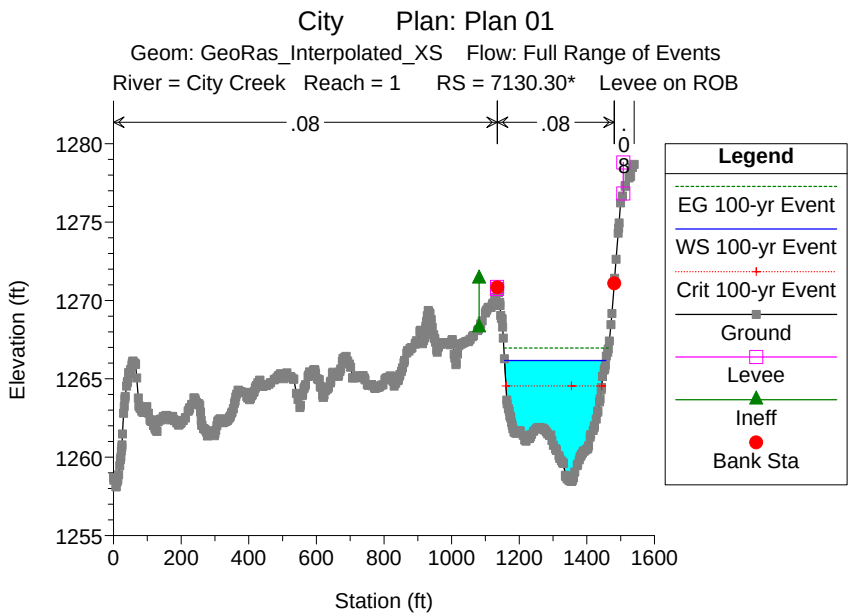

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7475.58* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7450.78* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7425.99* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7401.19* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1255
1260
1265
1270
1275
1280
1285
1290
0
200
400
600
800
1000
1200
1400
1600
1800

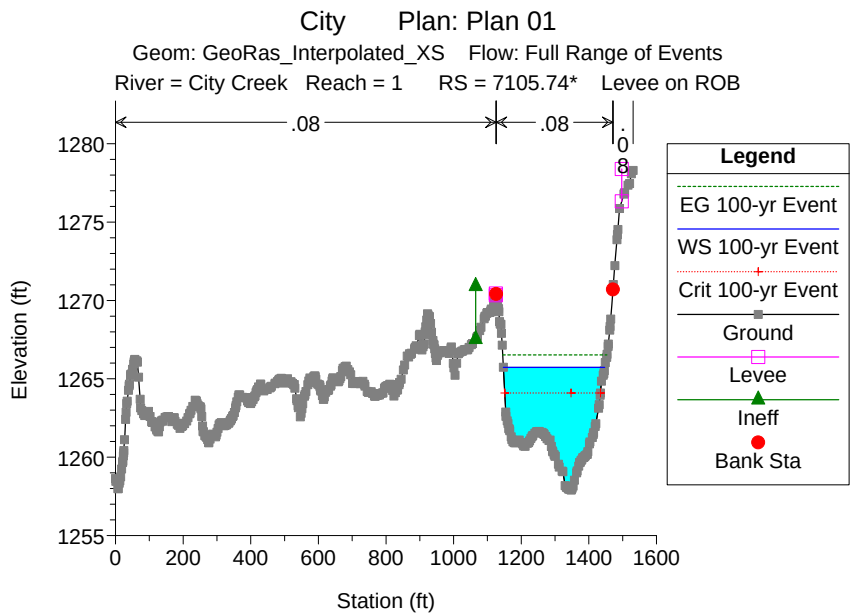

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7376.40* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7351.60* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7326.810 Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7302.24* Levee on ROB
.08
.08
.08
Elevation (ft)
1255
1260
1265
1270
1275
1280
1285
Station (ft)
0
200
400
600
800
1000
1200
1400
1600
1800
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

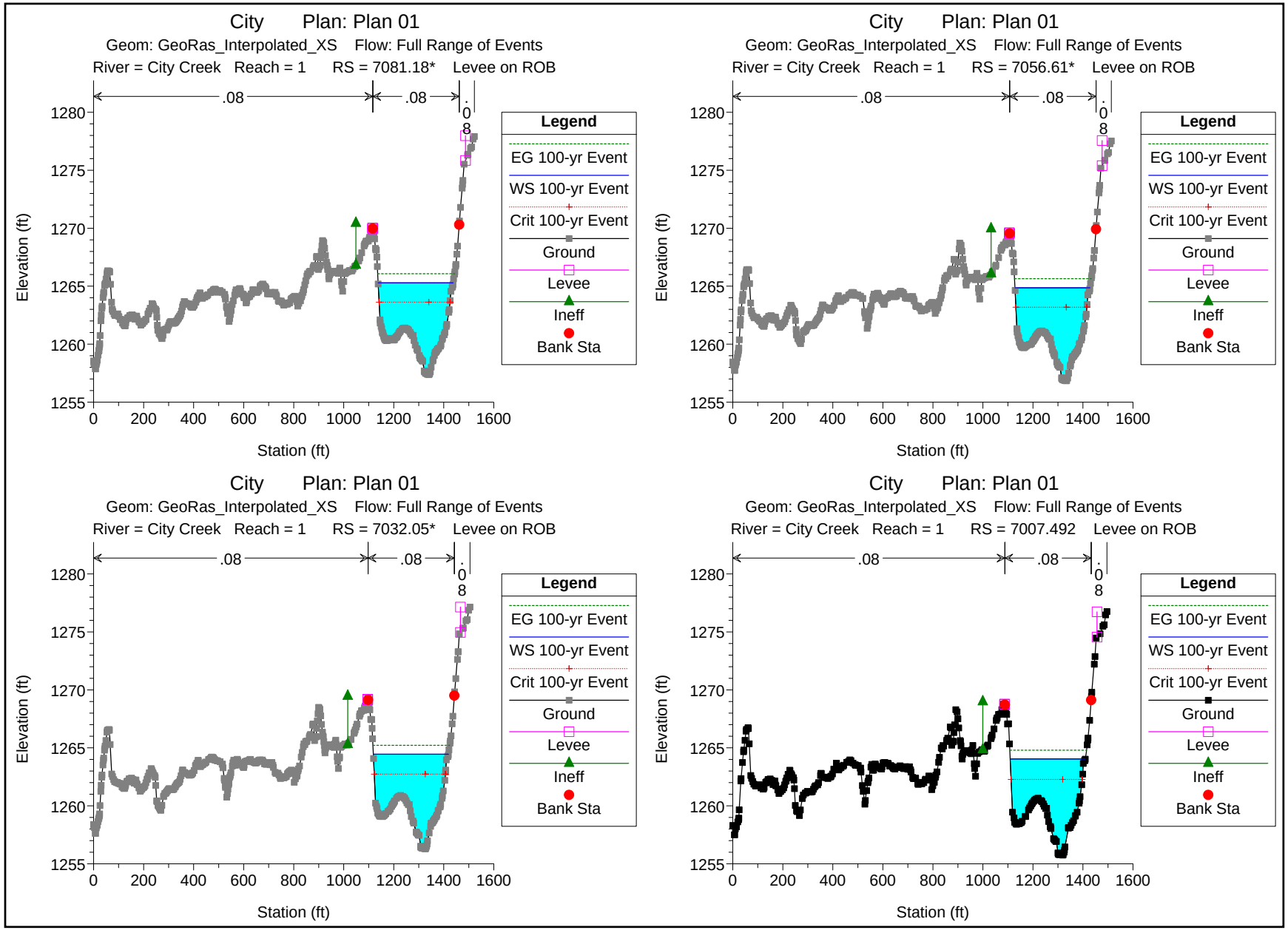

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7277.68* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7253.12* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7228.55* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7203.99* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
1255
1260
1265
1270
1275
1280
1285
Station (ft)
0
200
400
600
800
1000
1200
1400
1600

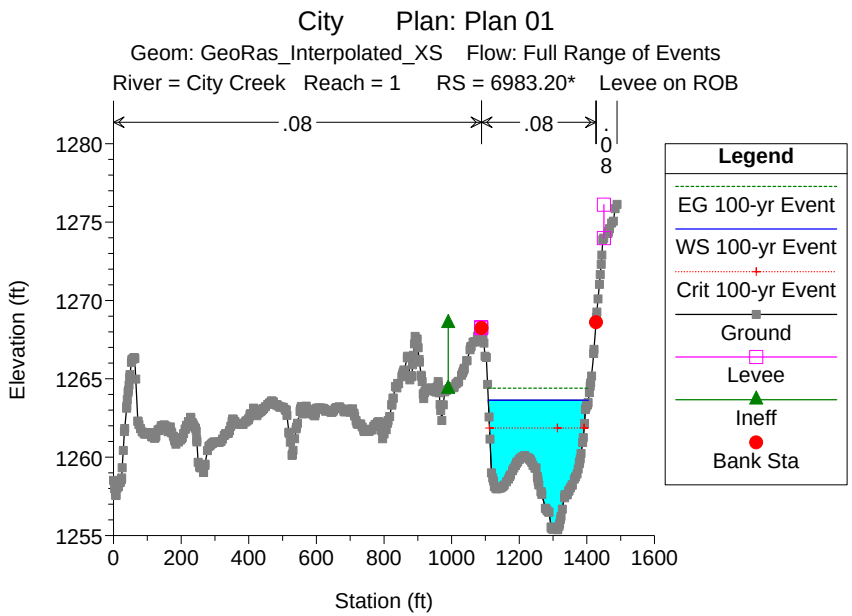

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7179.43* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

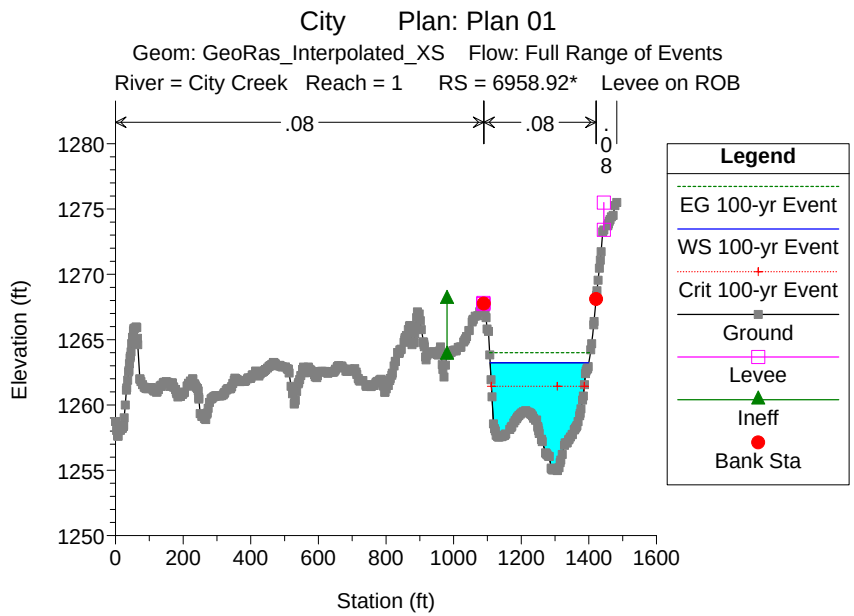

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7154.87* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

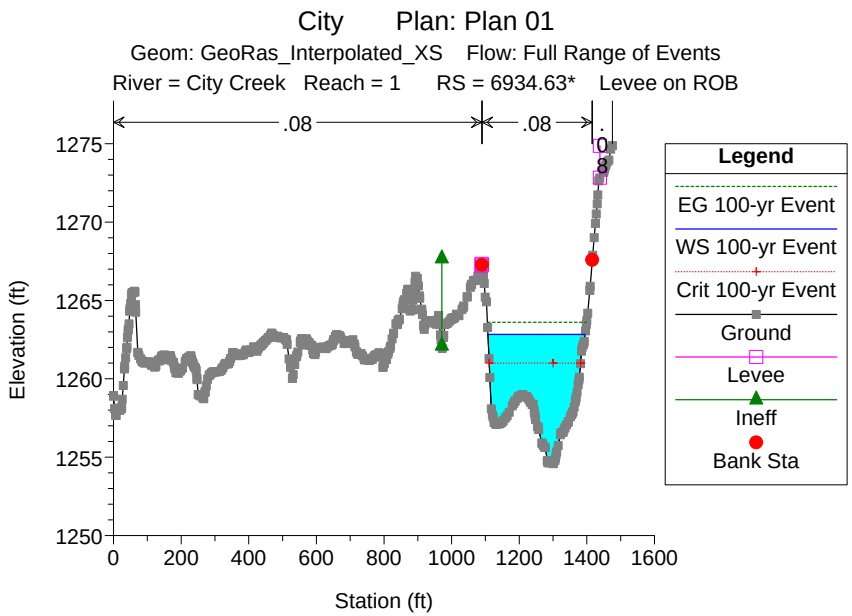

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7130.30* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

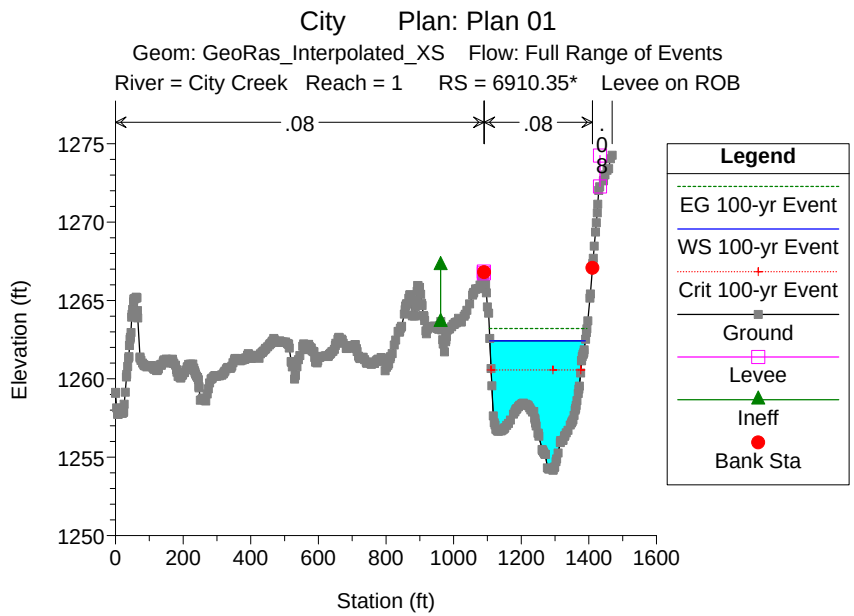

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7105.74* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

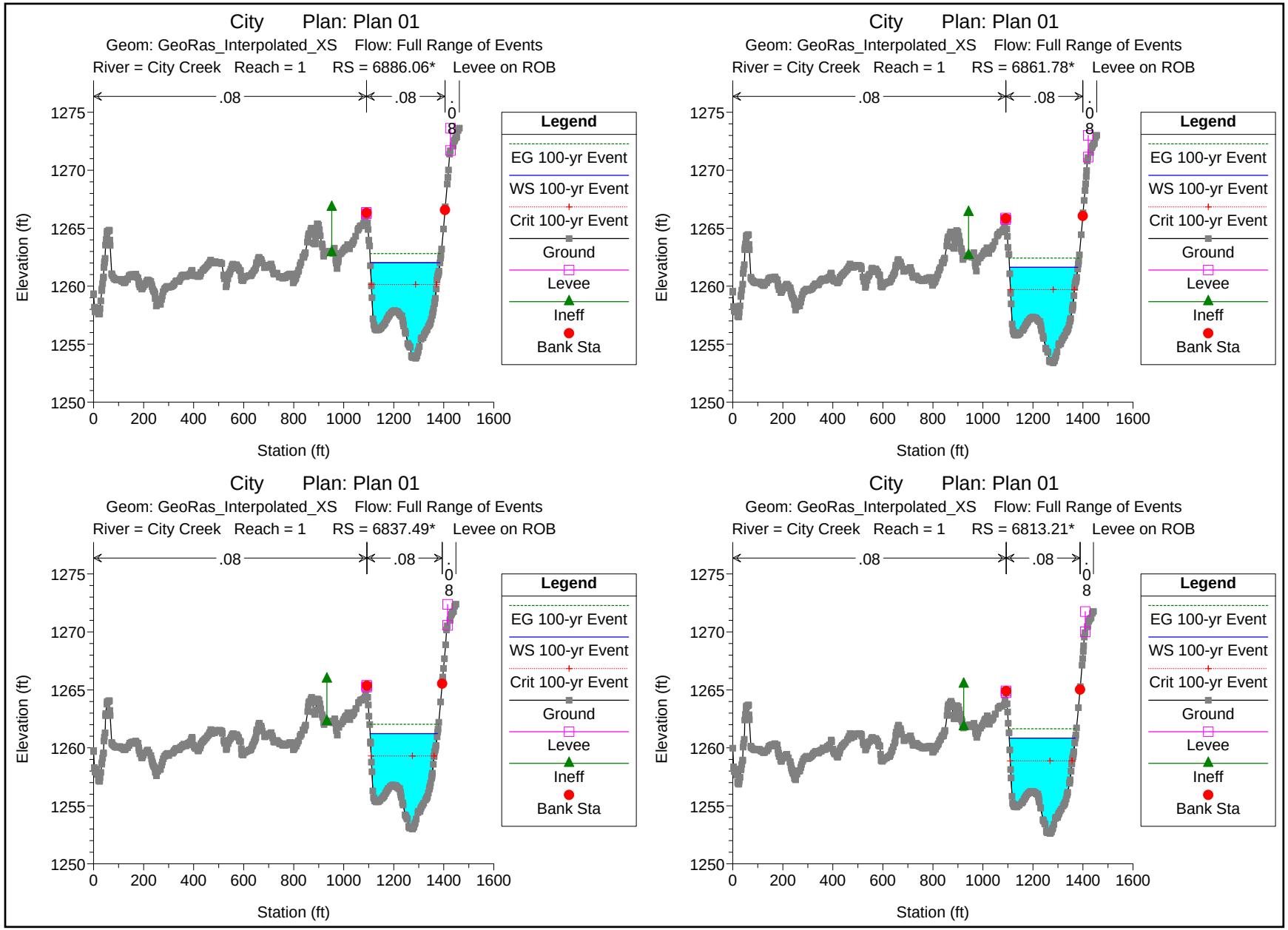

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7081.18* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7056.61* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7032.05* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 7007.492 Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1255
1260
1265
1270
1275
1280
0
200
400
600
800
1000
1200
1400
1600

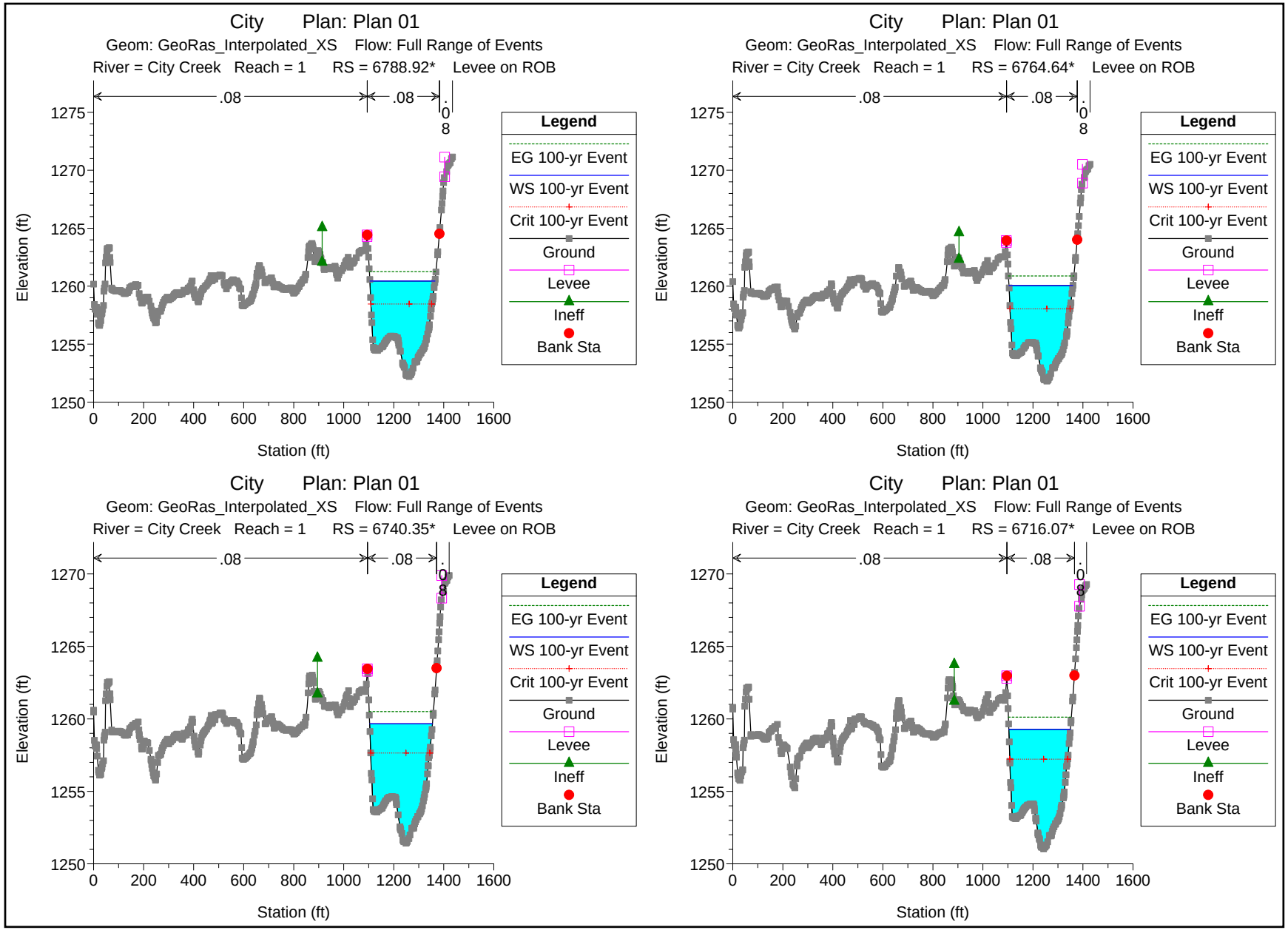

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6983.20* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

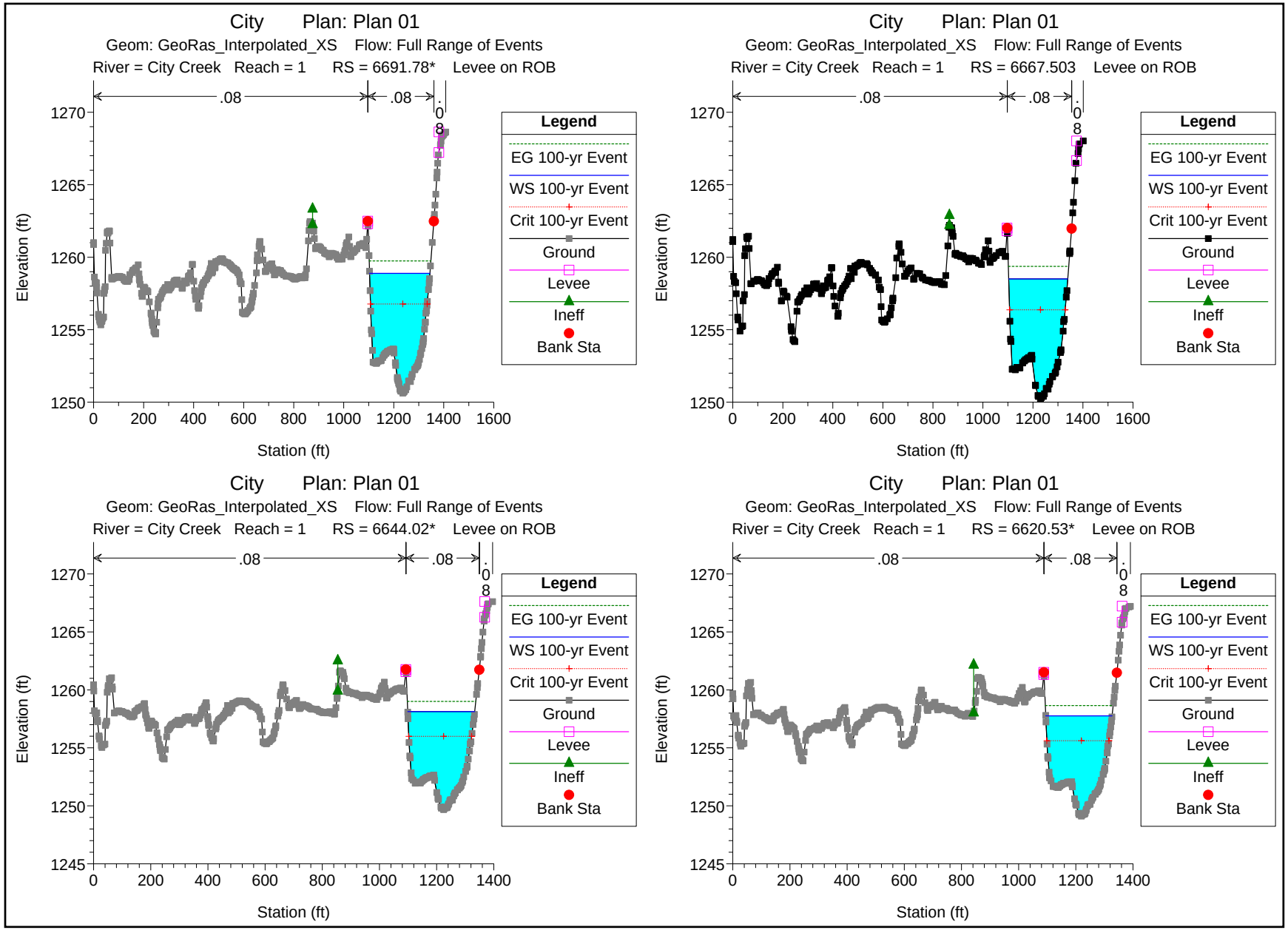

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6958.92* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

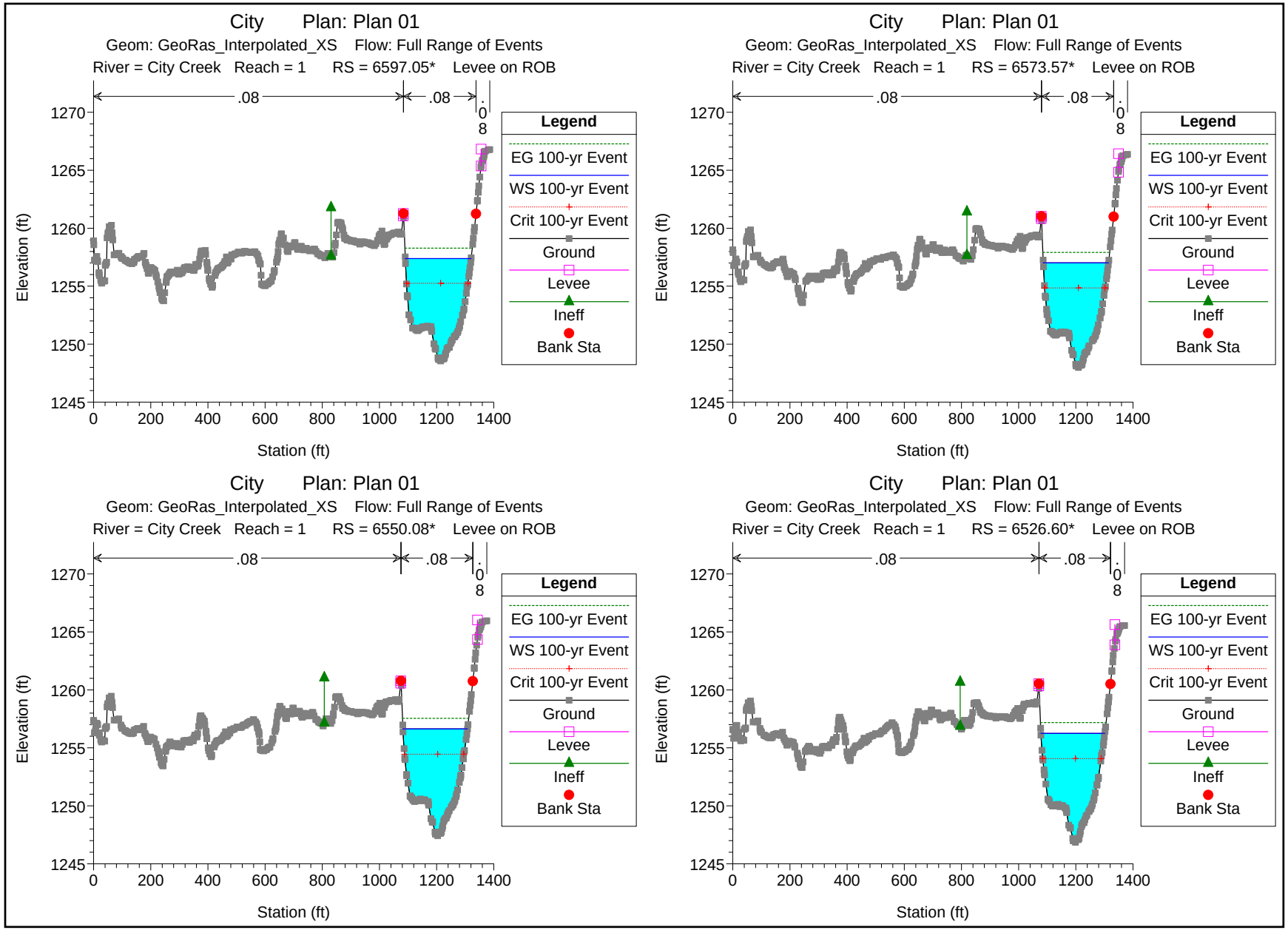

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6934.63* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

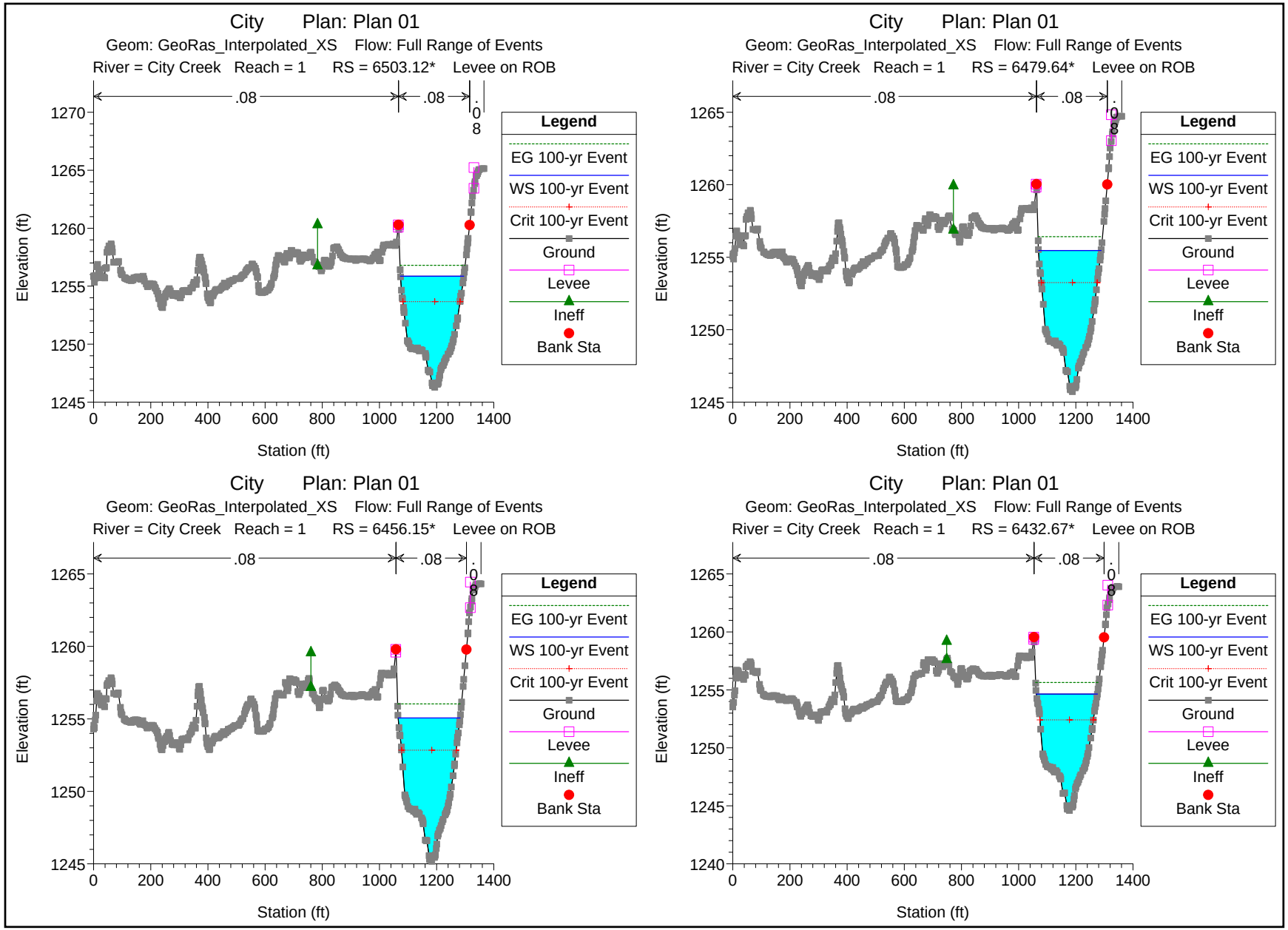

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6910.35* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

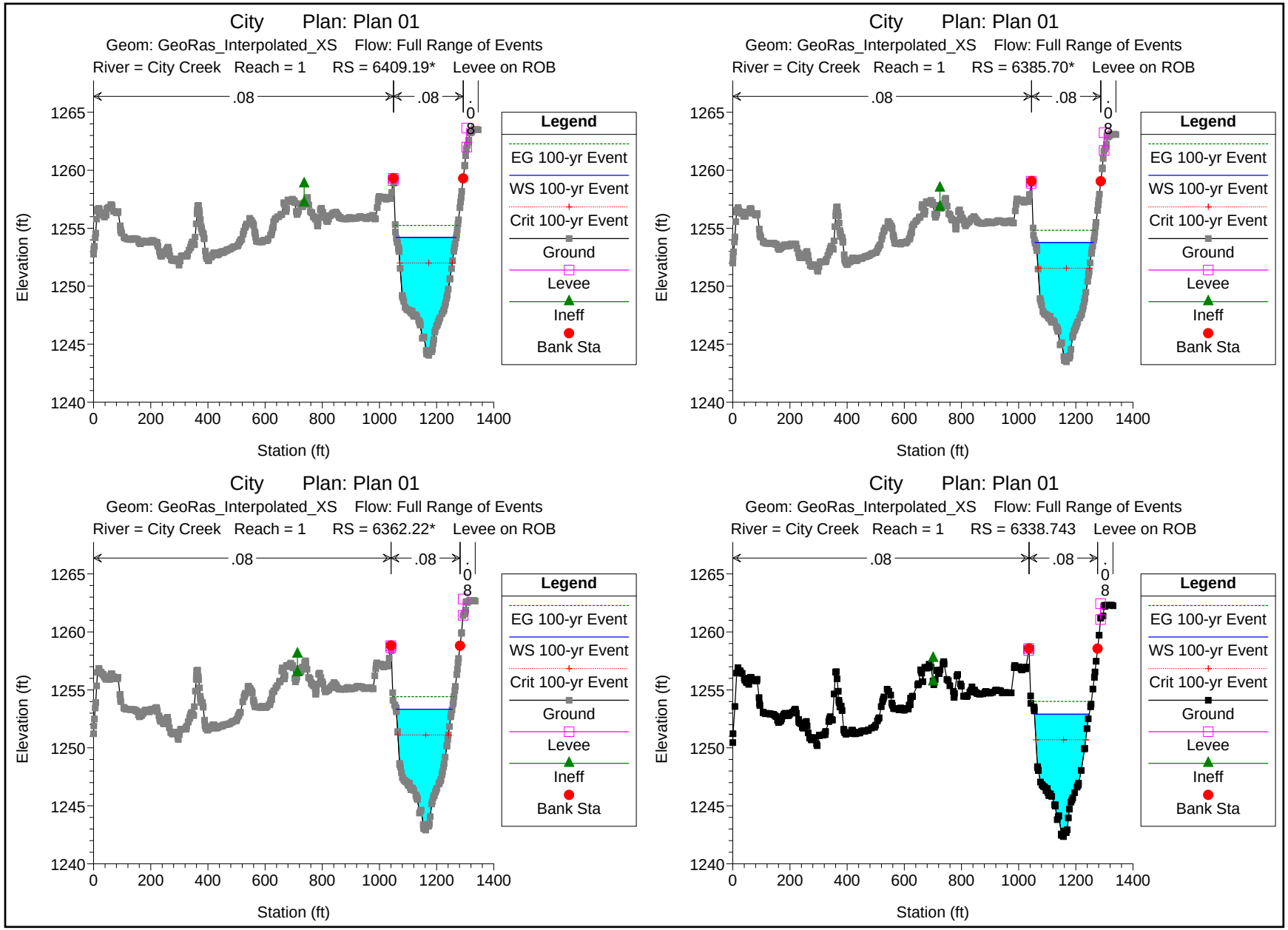

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6886.06* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6861.78* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6837.49* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6813.21* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

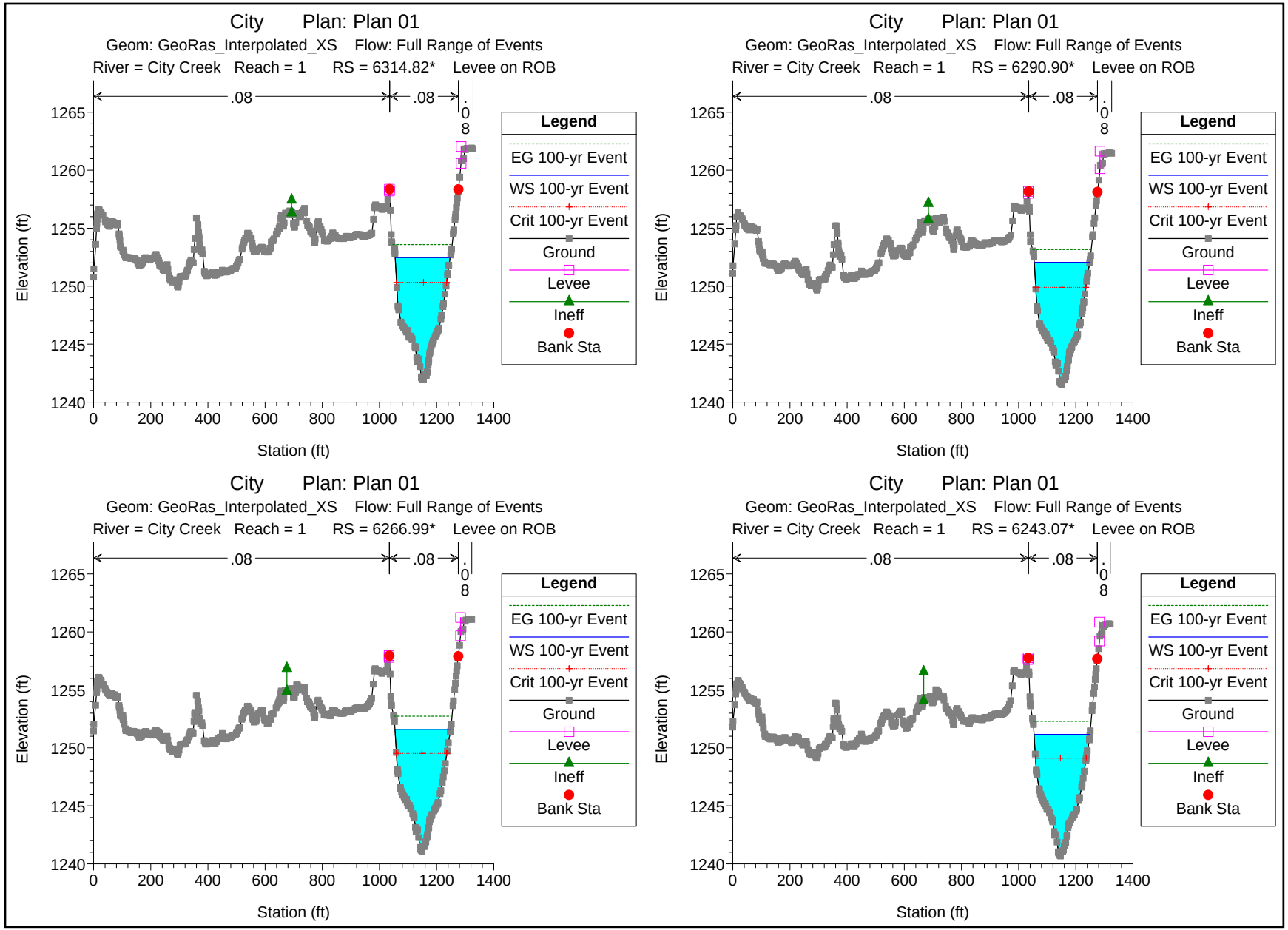

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6788.92* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6764.64* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6740.35* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6716.07* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1250
1255
1260
1265
1270
1275
0
200
400
600
800
1000
1200
1400
1600

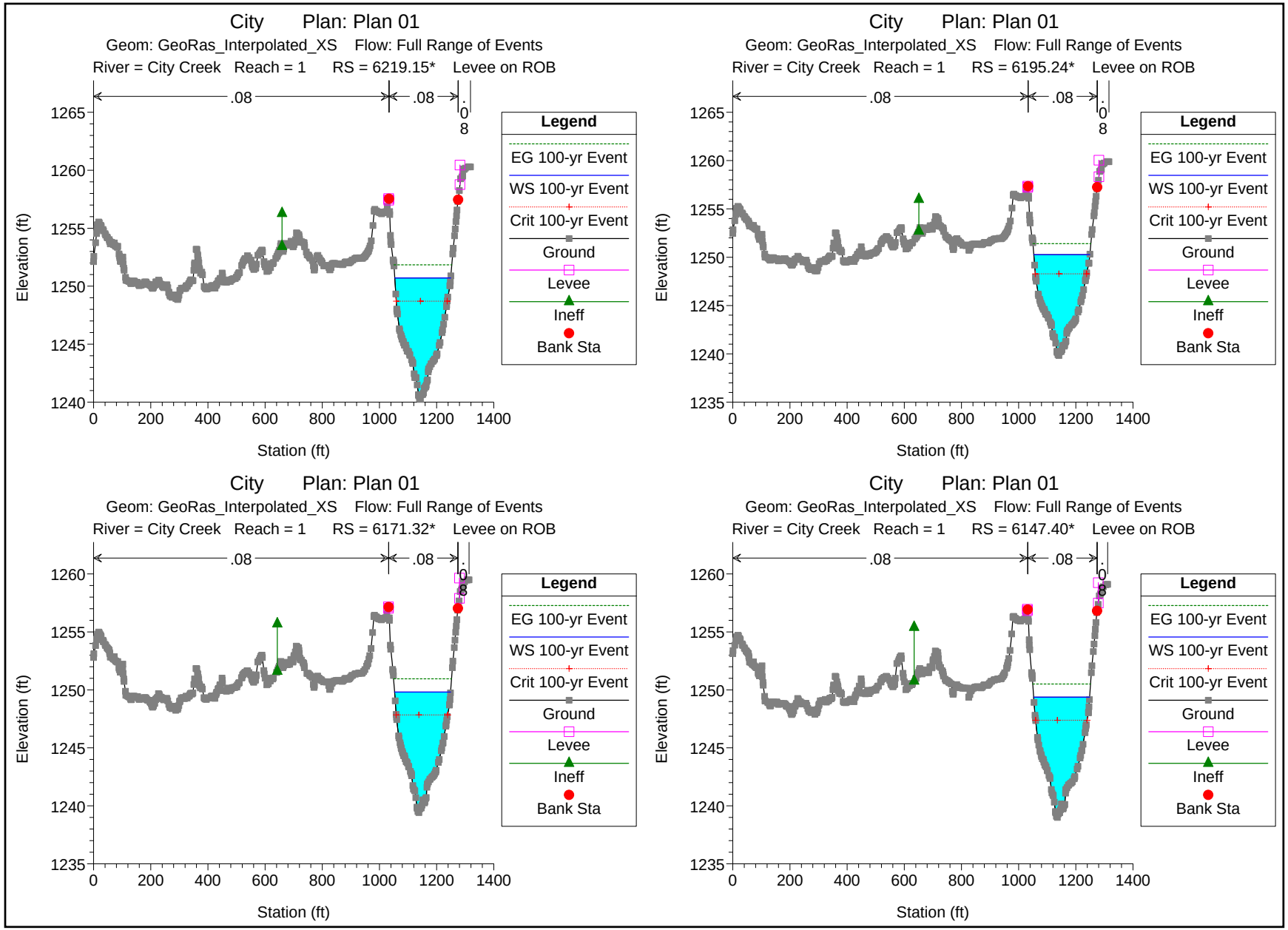

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6691.78* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6667.503 Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6644.02* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6620.53* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)

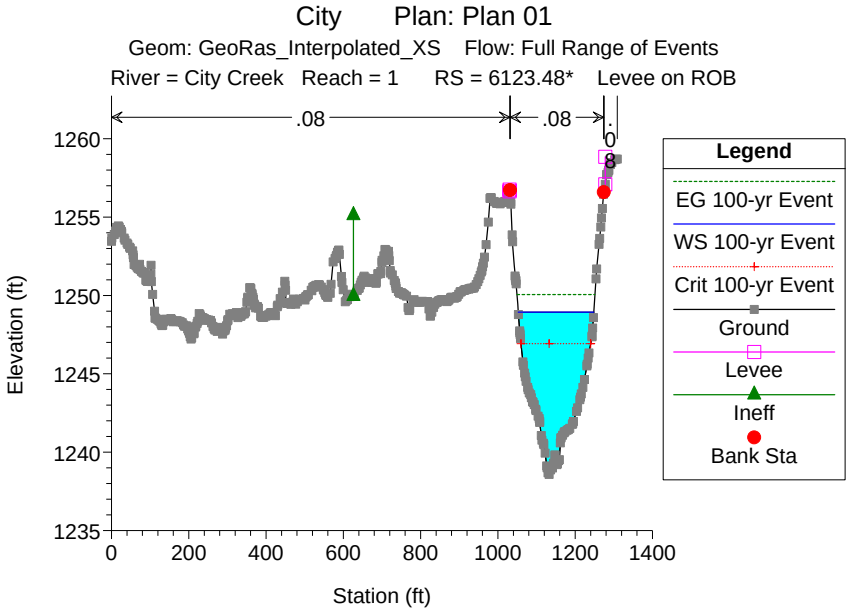

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6597.05* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6573.57* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6550.08* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6526.60* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
1270
1265
1260
1255
1250
1245
0
200
400
600
800
1000
1200
1400
Station (ft)

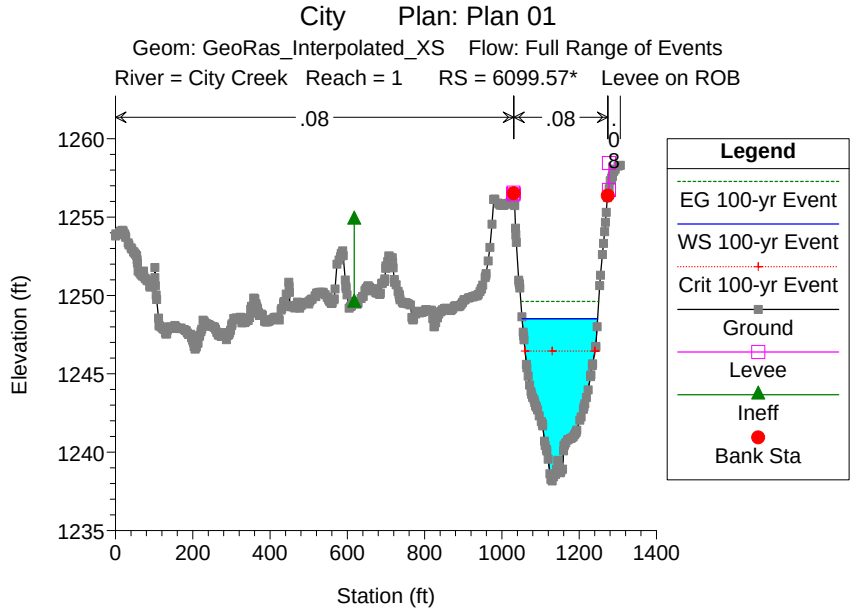

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6503.12* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6479.64* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6456.15* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6432.67* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

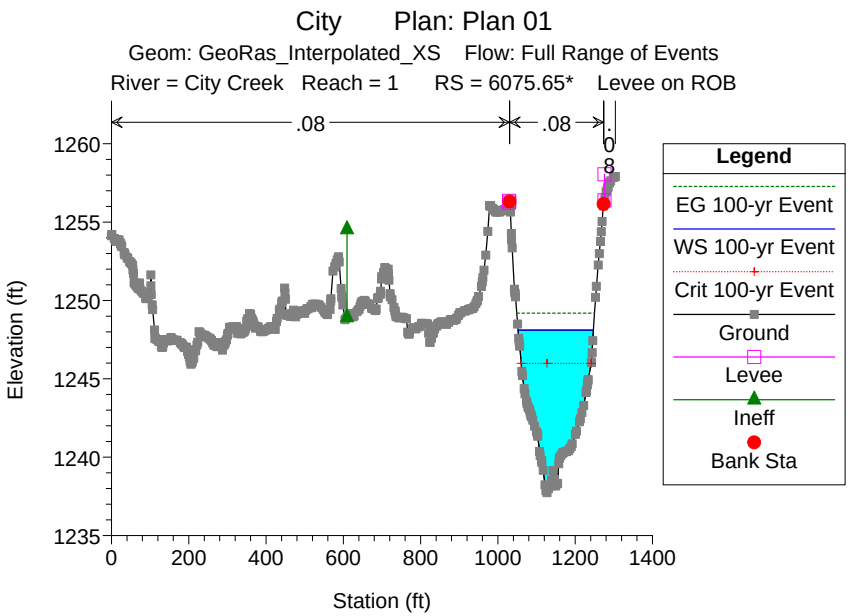

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6409.19* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6385.70* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6362.22* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6338.743 Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1240
1245
1250
1255
1260
1265
0
200
400
600
800
1000
1200
1400

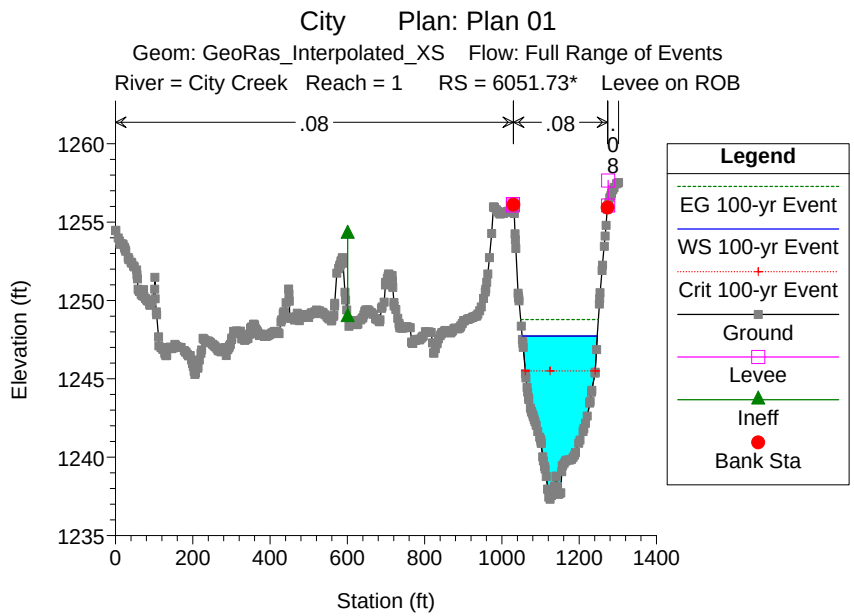

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6314.82* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6290.90* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6266.99* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6243.07* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
1240
1245
1250
1255
1260
1265
Station (ft)
0
200
400
600
800
1000
1200
1400

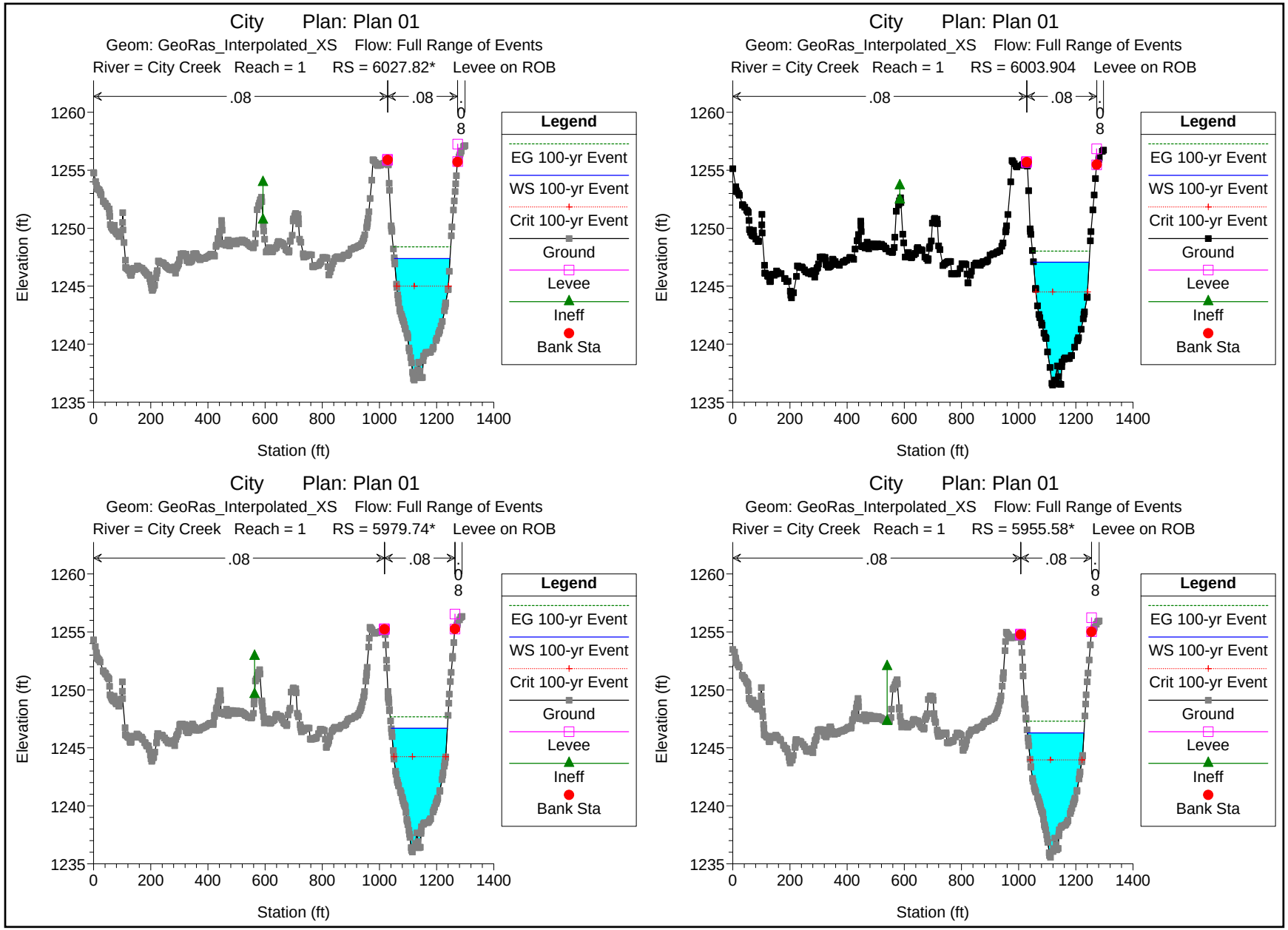

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6219.15* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6195.24* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6171.32* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6147.40* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

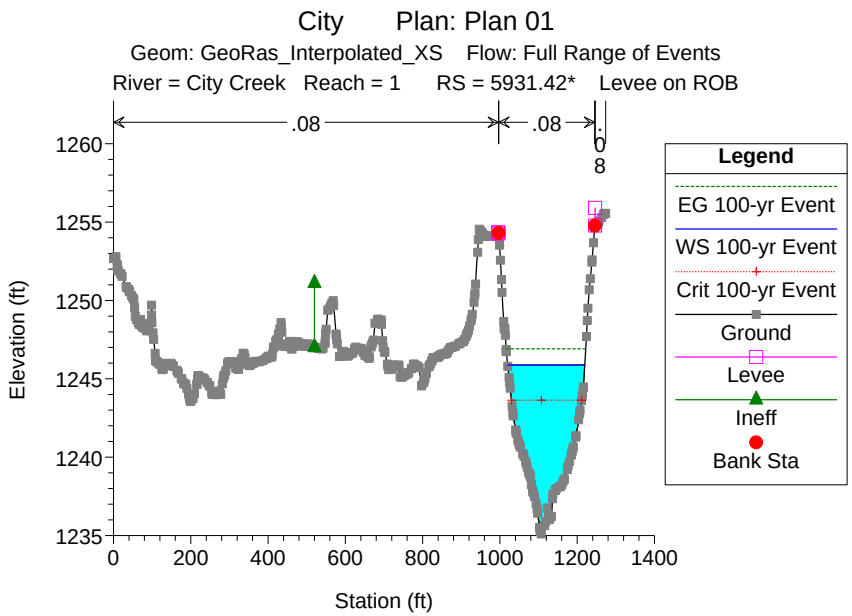

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6123.48* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

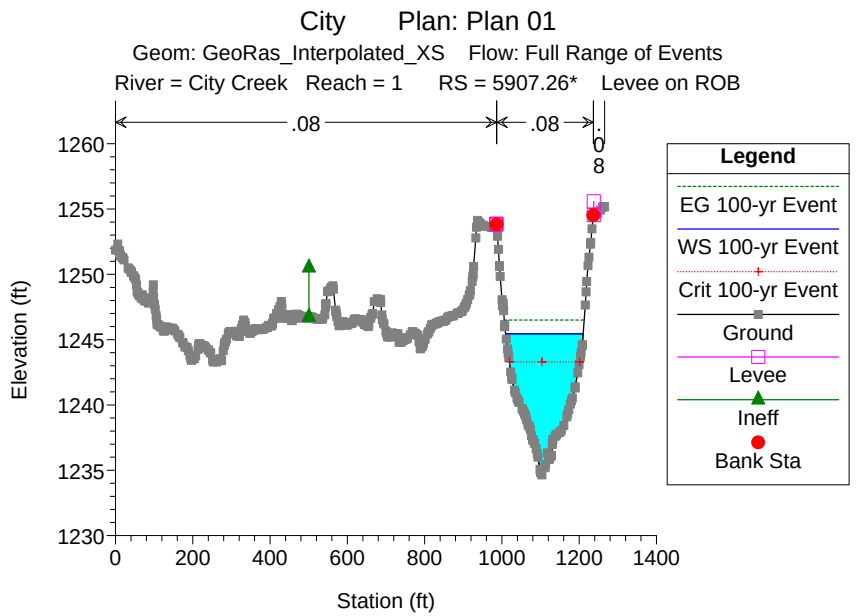

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6099.57* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

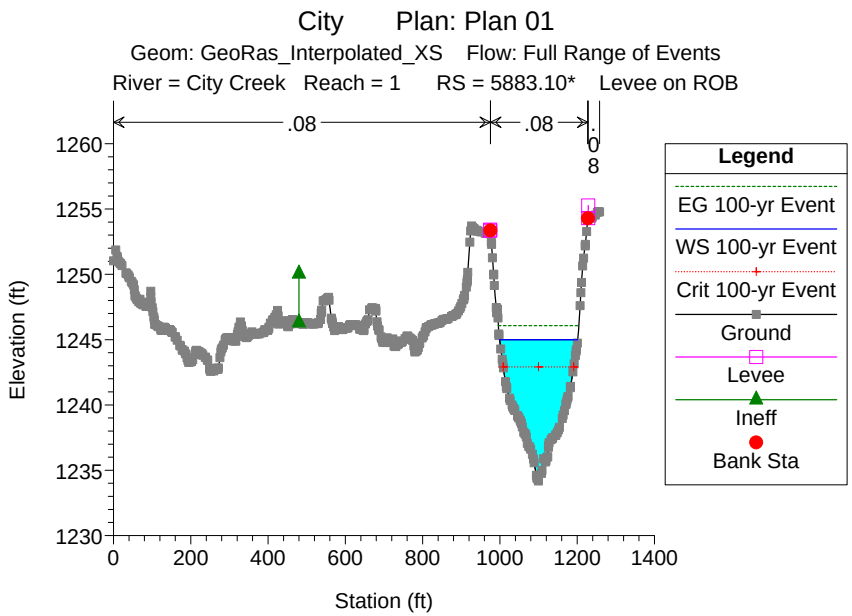

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6075.65* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

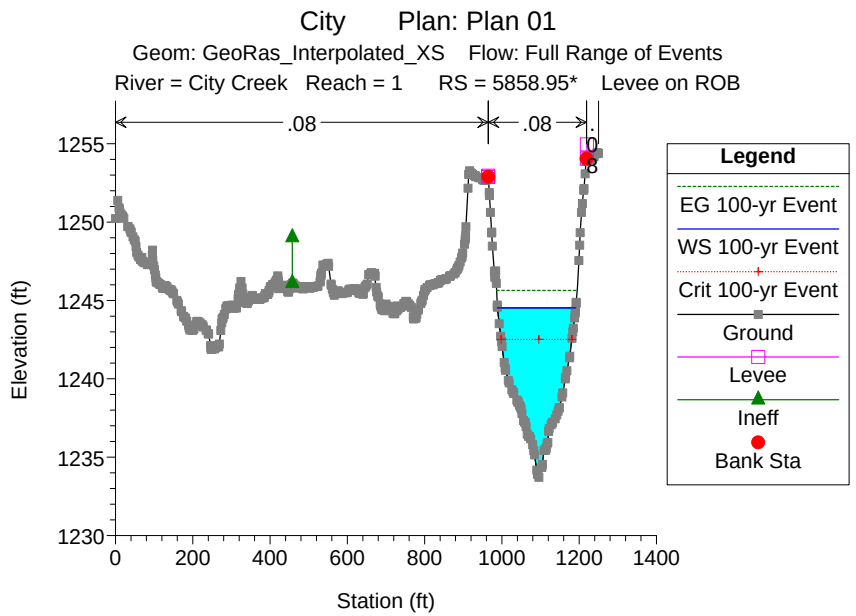

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6051.73* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

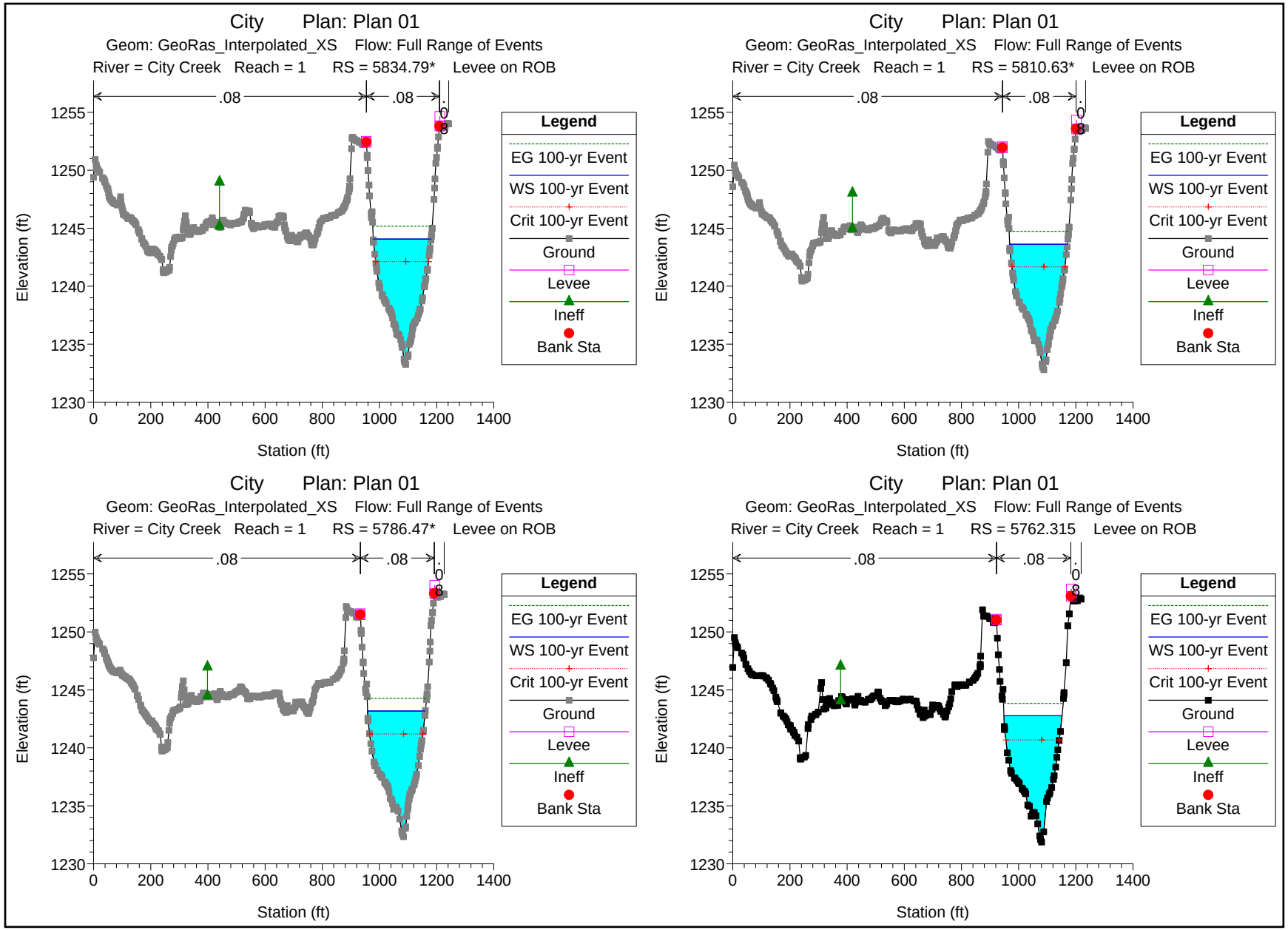

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6027.82* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 6003.904 Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5979.74* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5955.58* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1235
1240
1245
1250
1255
1260
0
200
400
600
800
1000
1200
1400

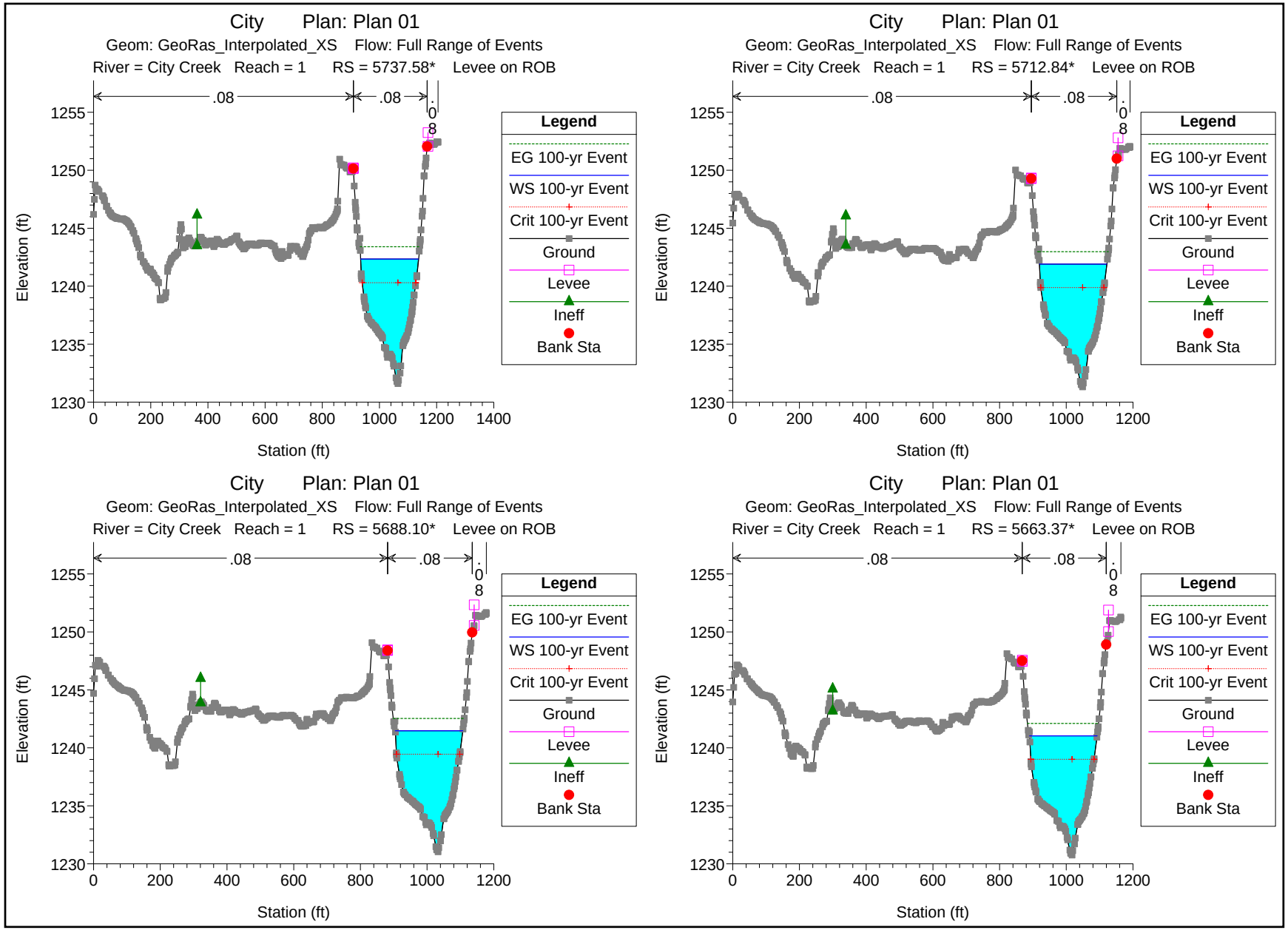

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5931.42* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

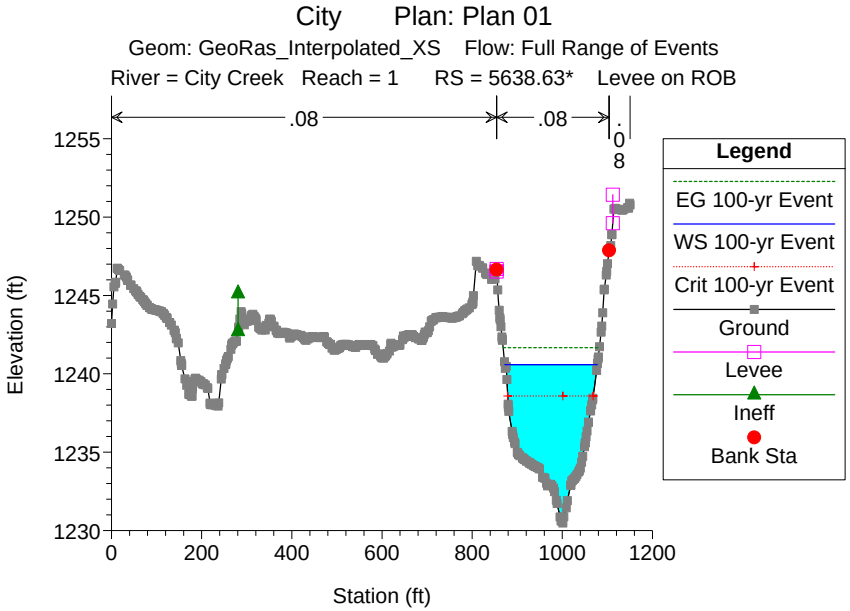

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5907.26* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

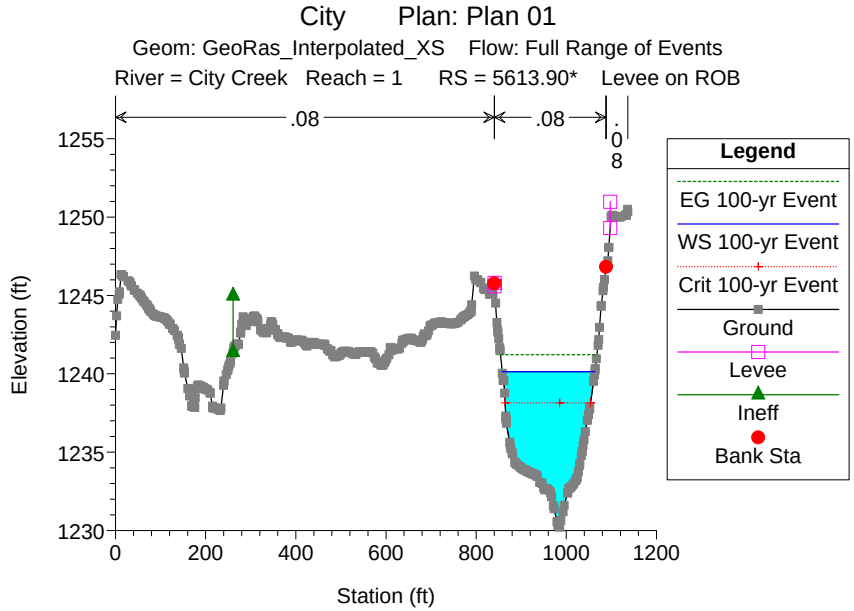

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5883.10* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

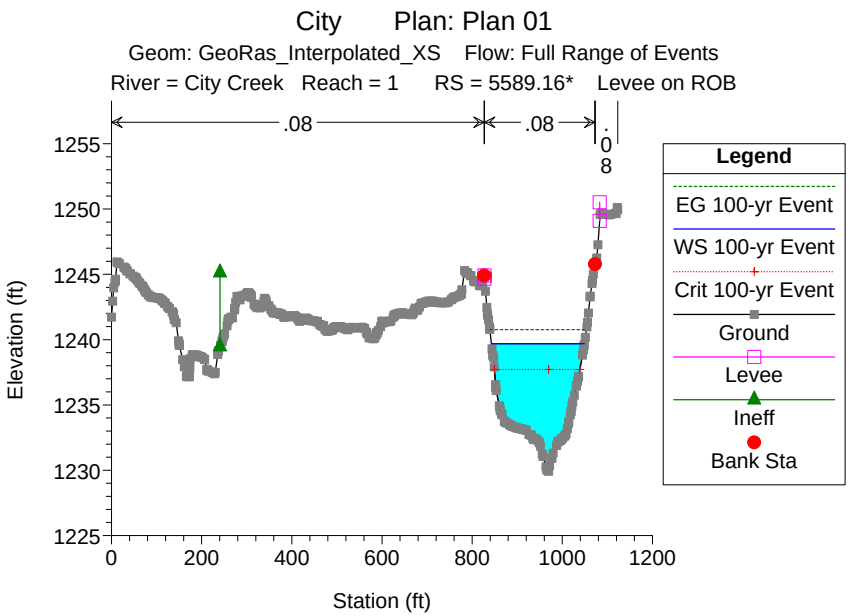

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5858.95* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

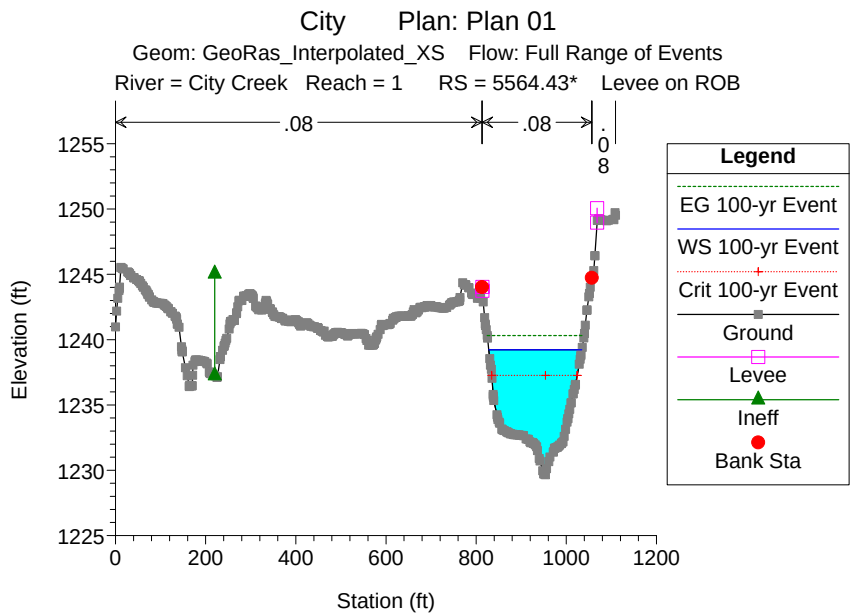

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5834.79* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5810.63* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5786.47* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5762.315 Levee on ROB
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

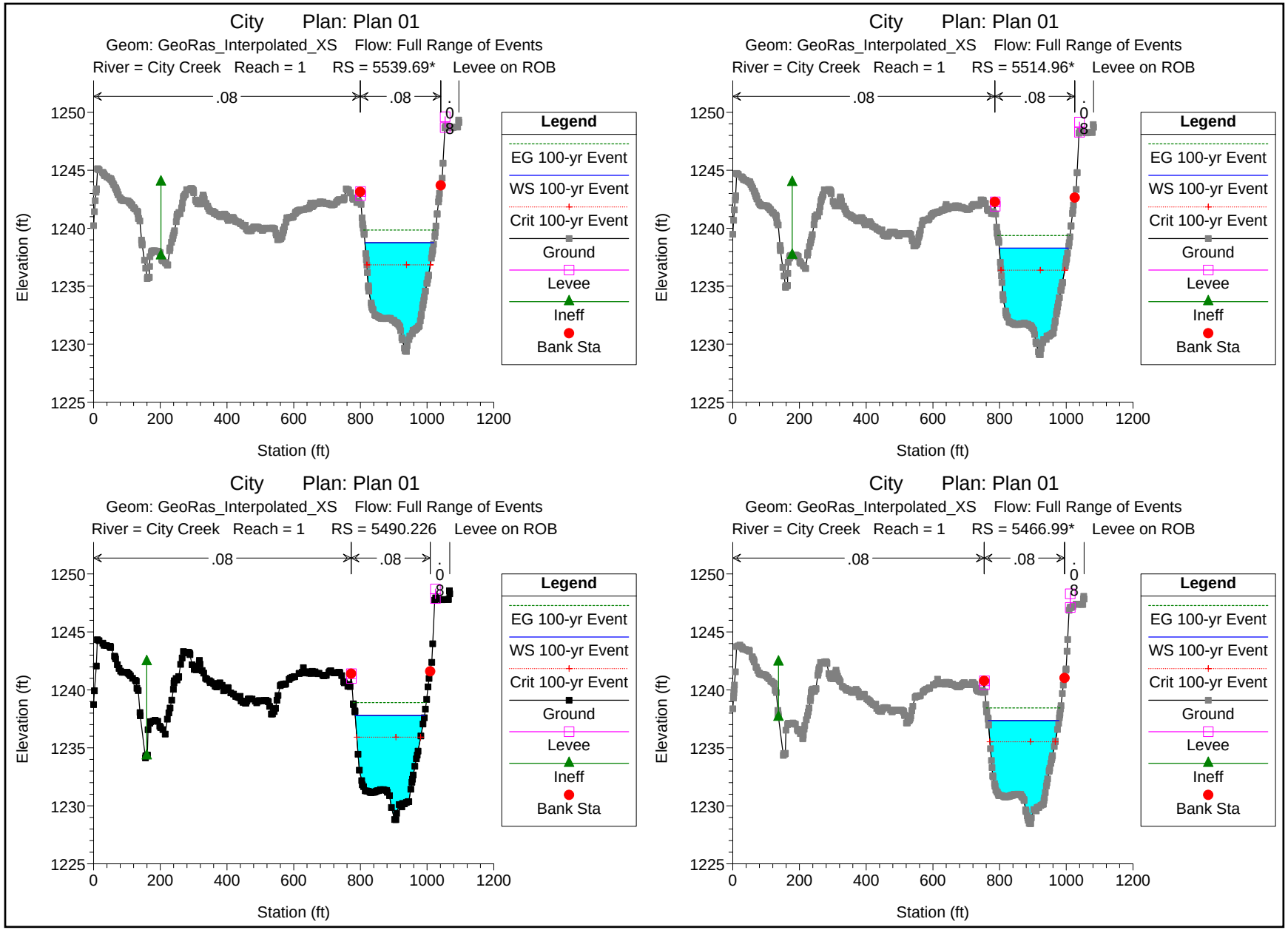

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5737.58* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5712.84* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5688.10* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5663.37* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

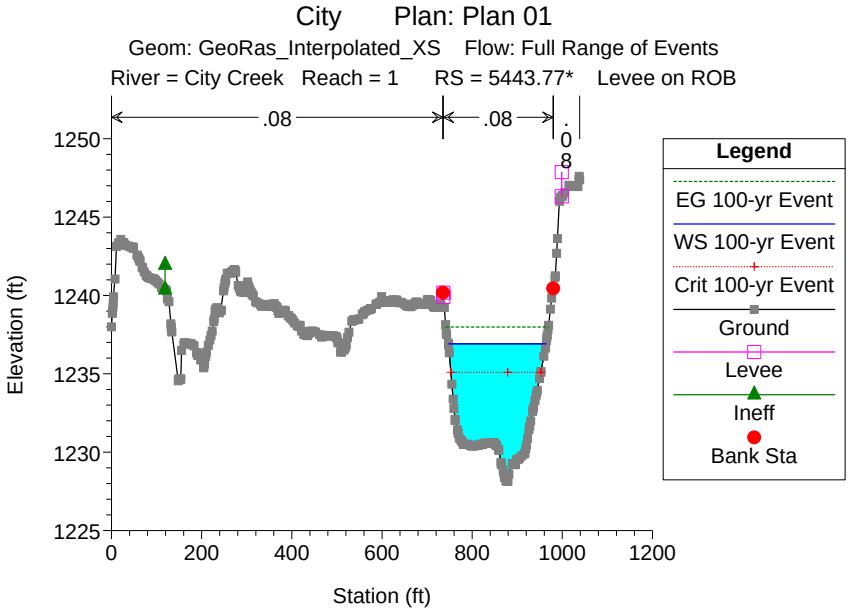

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5638.63* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)

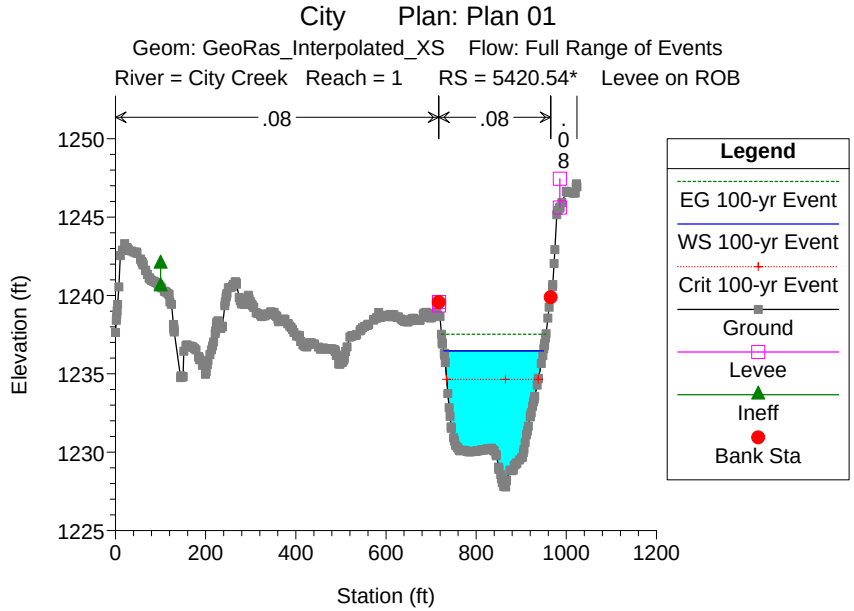

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5613.90* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)

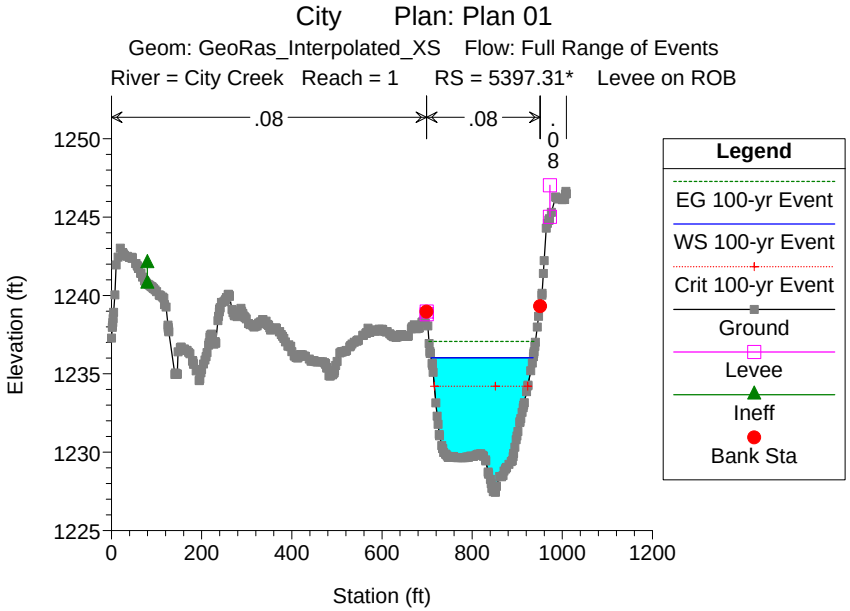

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5589.16* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)

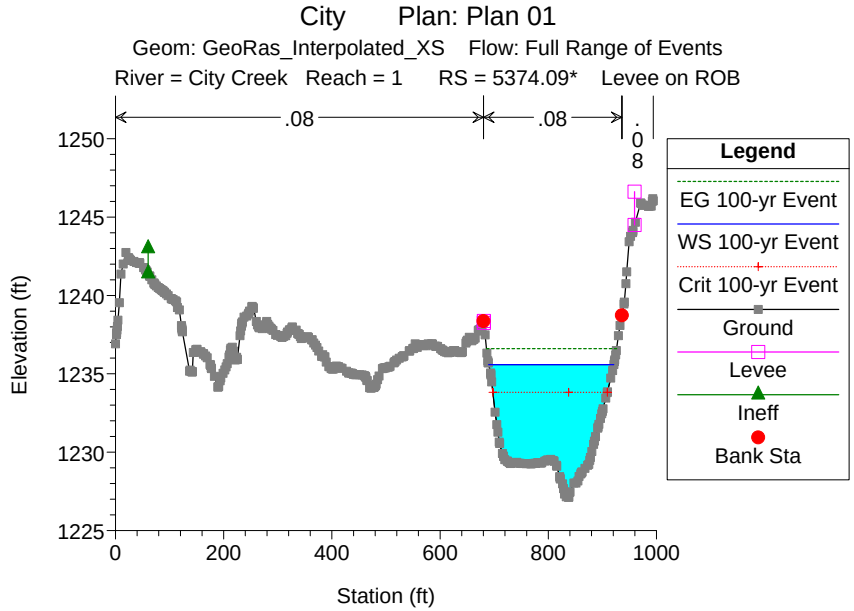

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5564.43* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)

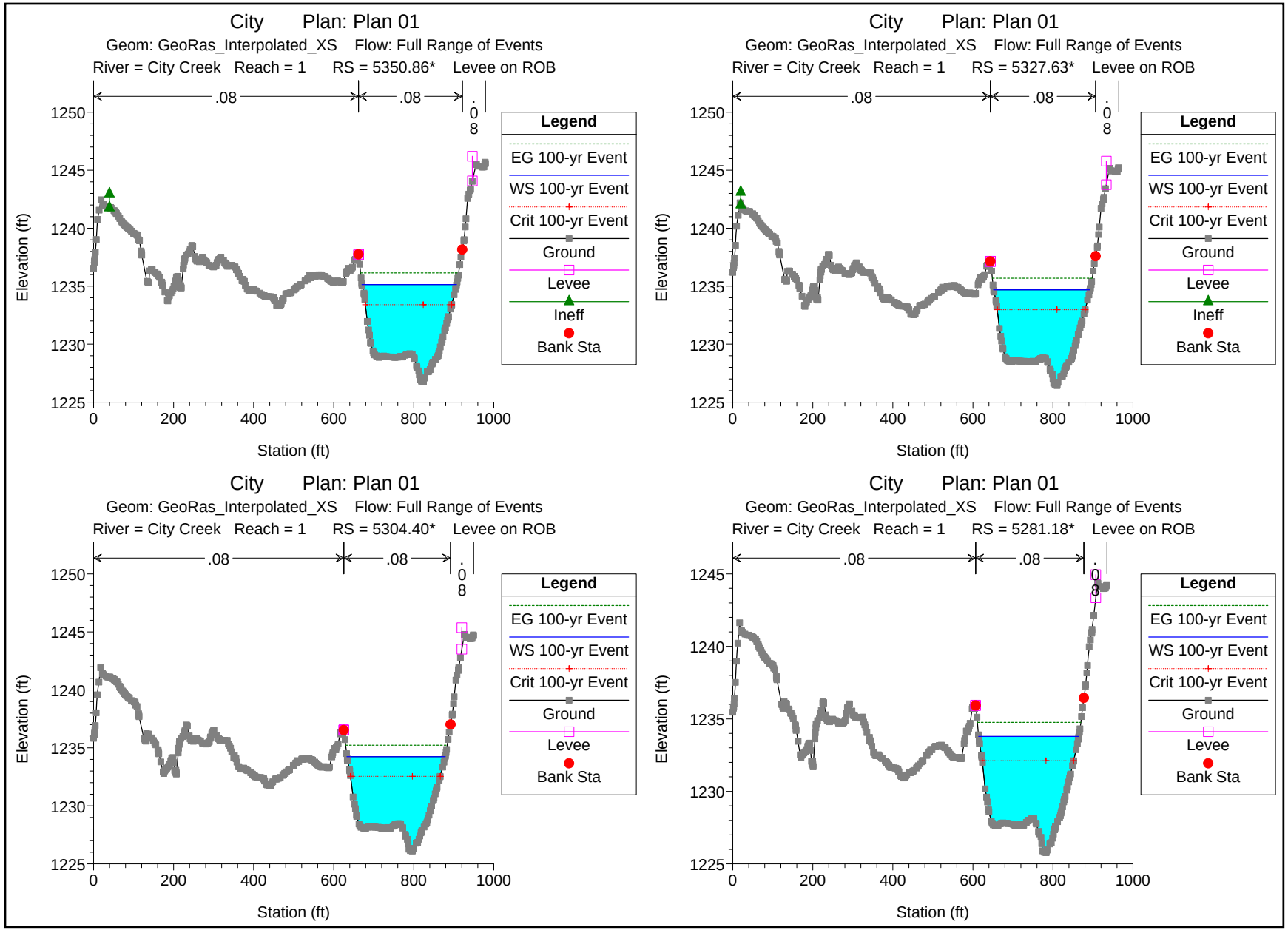

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5539.69* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5514.96* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5490.226 Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5466.99* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
1225
1230
1235
1240
1245
1250
0
200
400
600
800
1000
1200
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

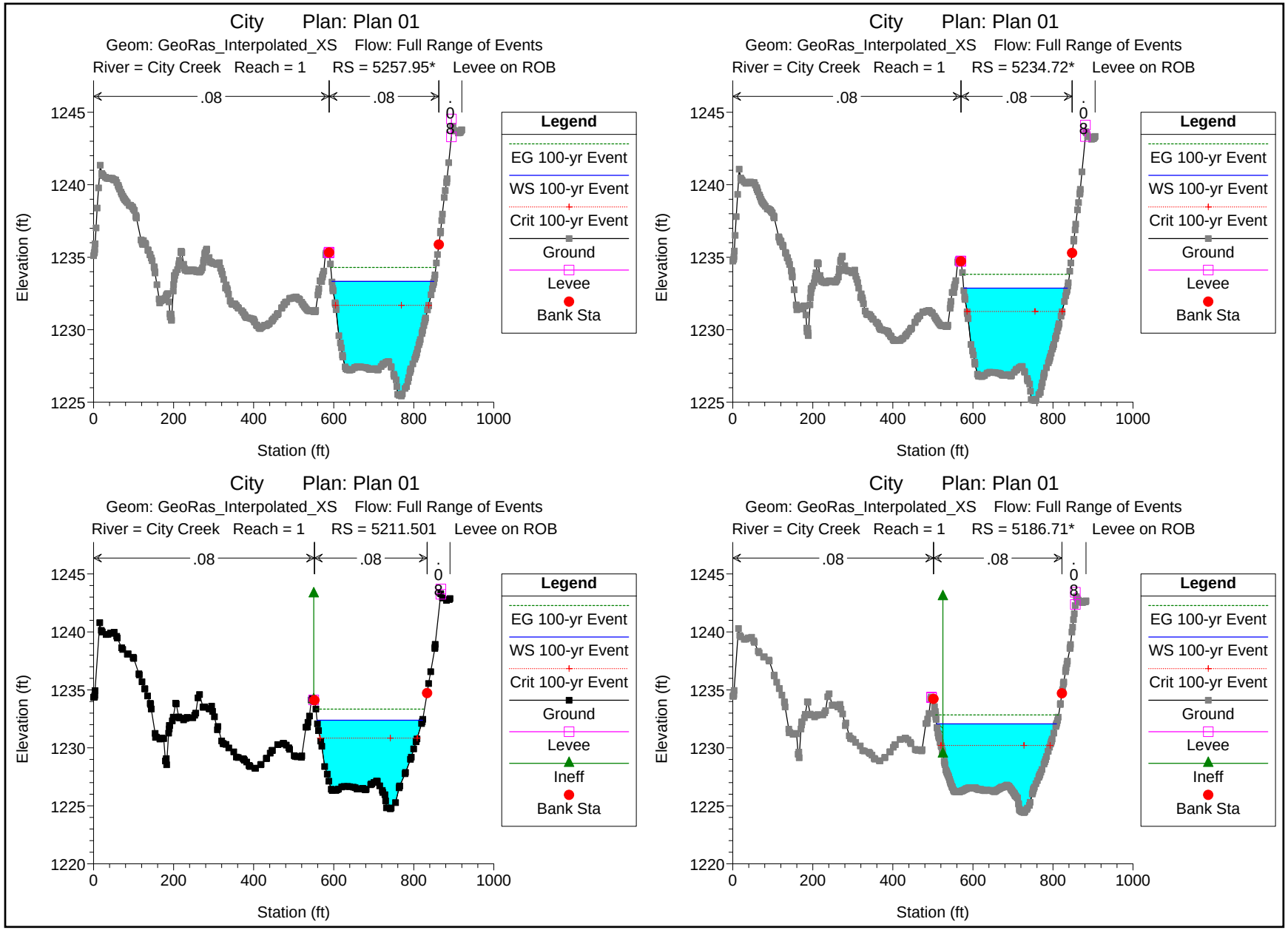

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5443.77* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

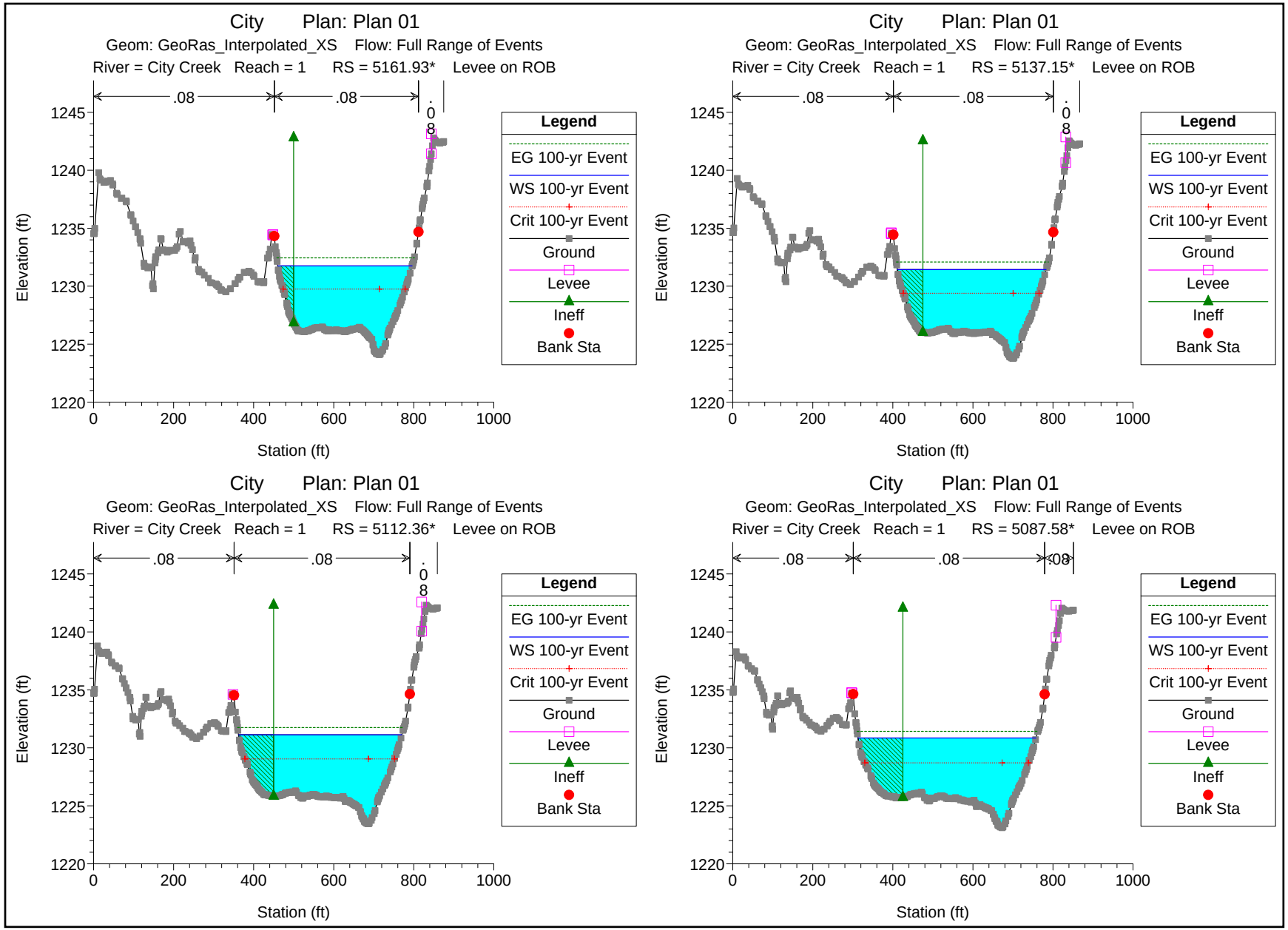

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5420.54* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

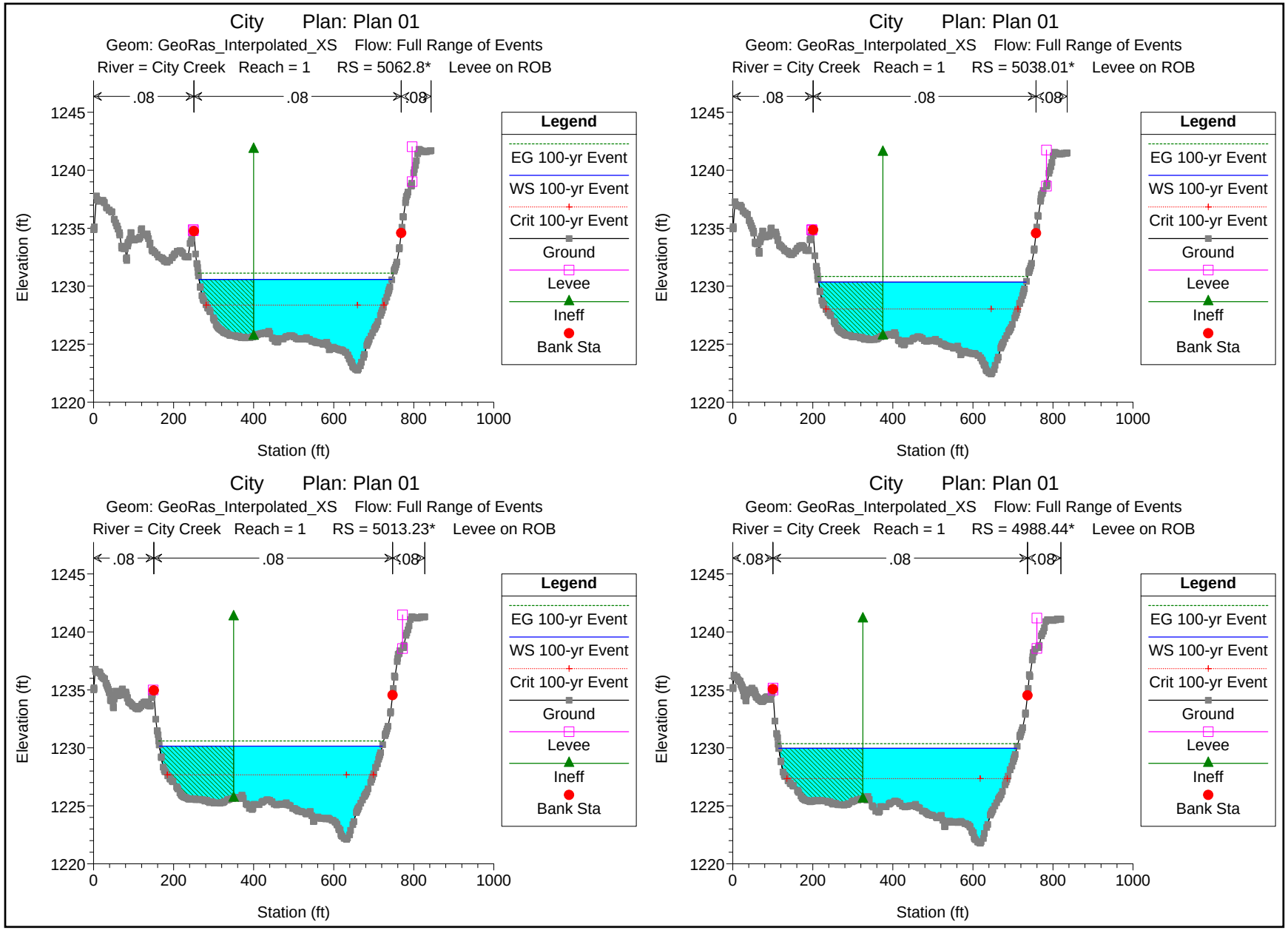

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5397.31* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

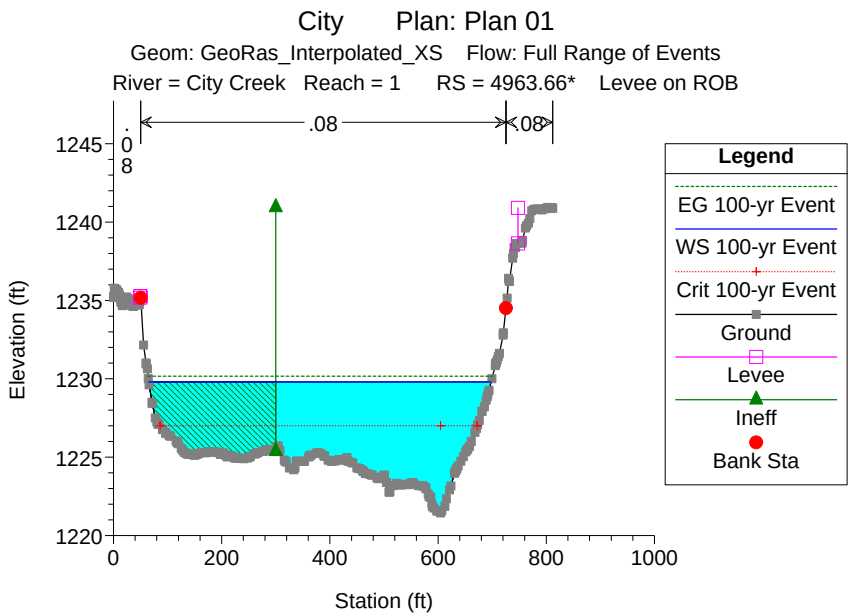

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5374.09* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

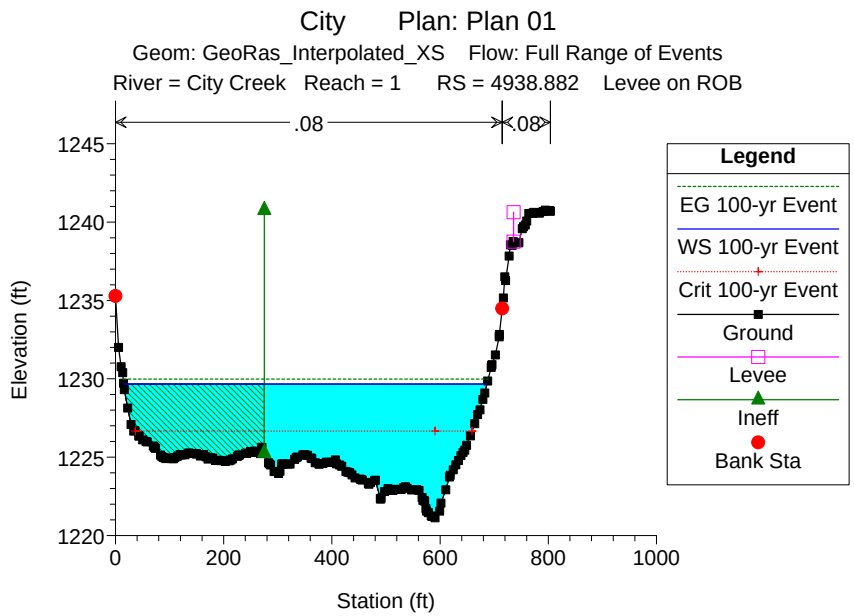

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5350.86* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5327.63* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5304.40* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5281.18* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

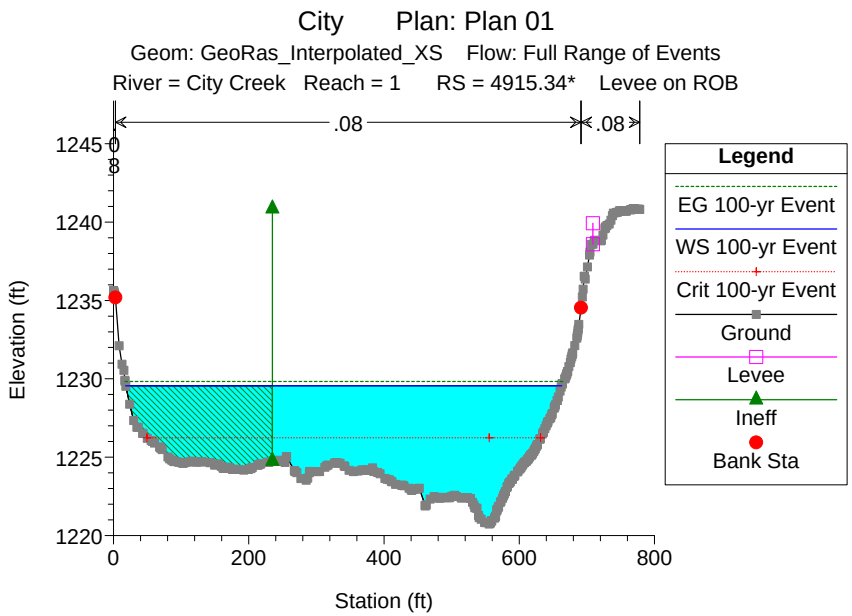

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5257.95* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5234.72* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5211.501 Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5186.71* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

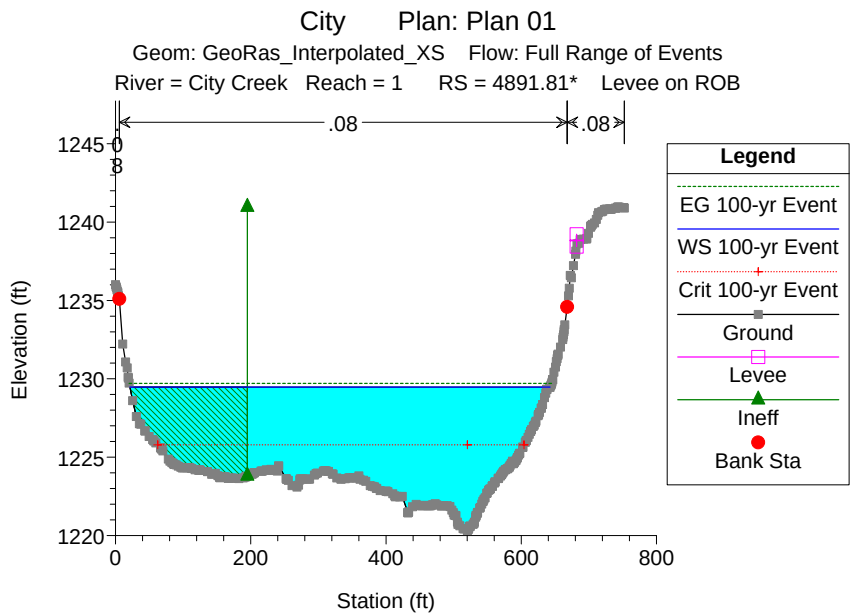

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5161.93* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5137.15* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5112.36* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5087.58* Levee on ROB
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

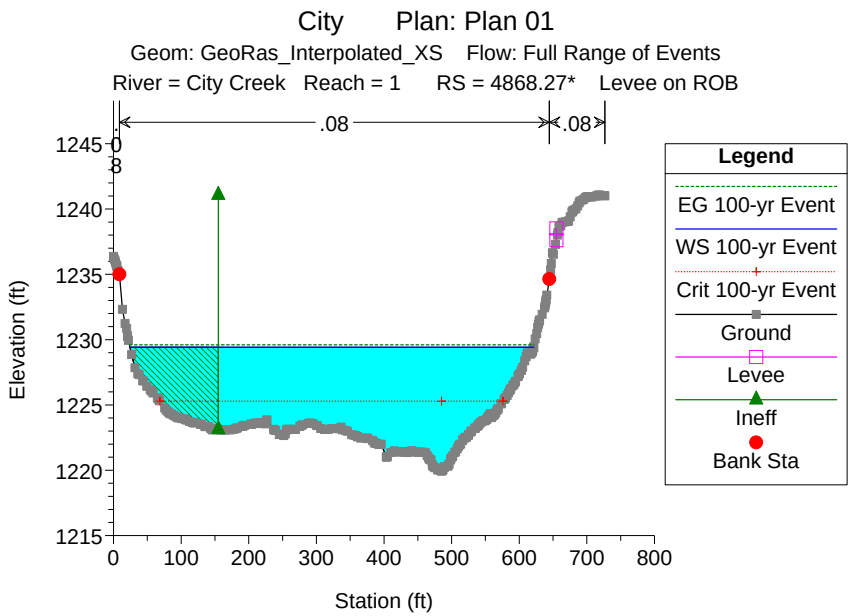

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5062.8* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5038.01* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 5013.23* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4988.44* Levee on ROB
.08
.08
.08
Elevation (ft)
1245
1240
1235
1230
1225
1220
0
200
400
600
800
1000
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

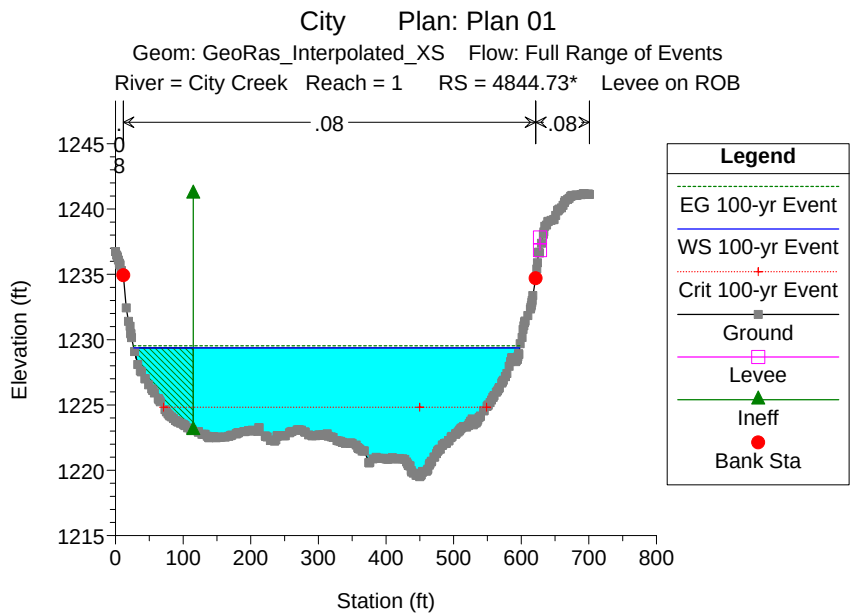

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4963.66* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

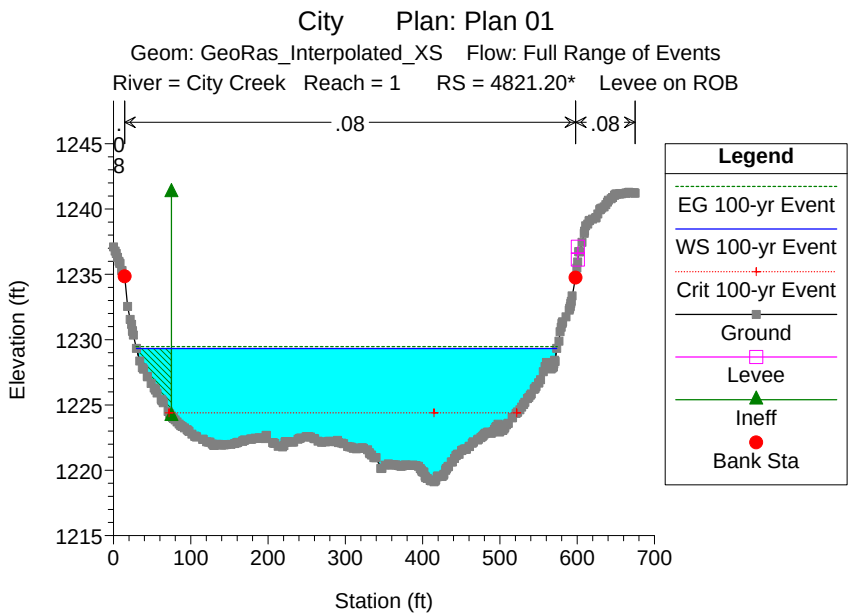

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4938.882 Levee on ROB
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

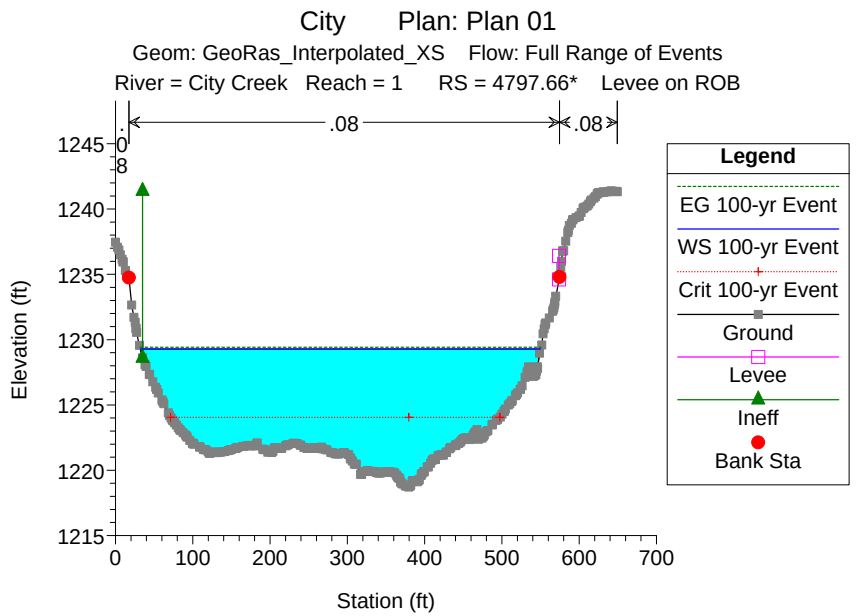

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4915.34* Levee on ROB
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

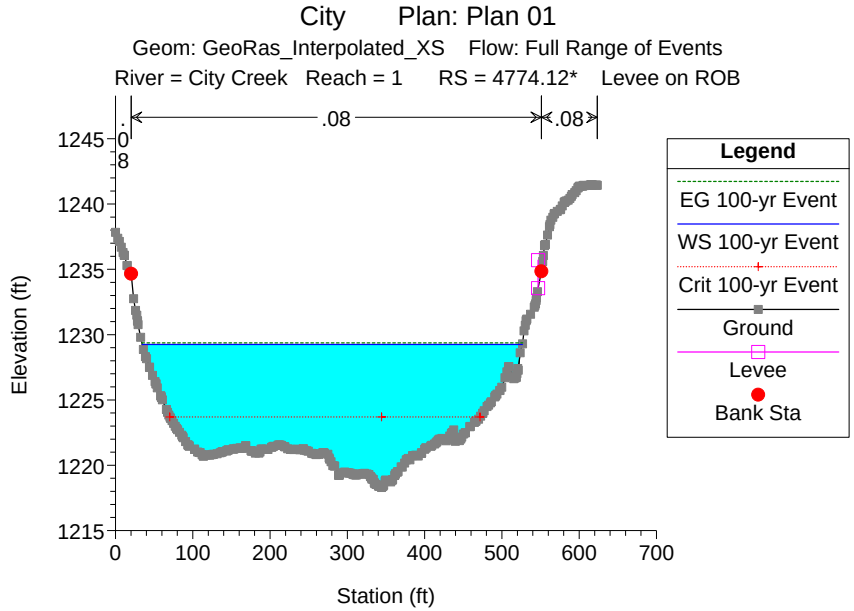

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4891.81* Levee on ROB
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

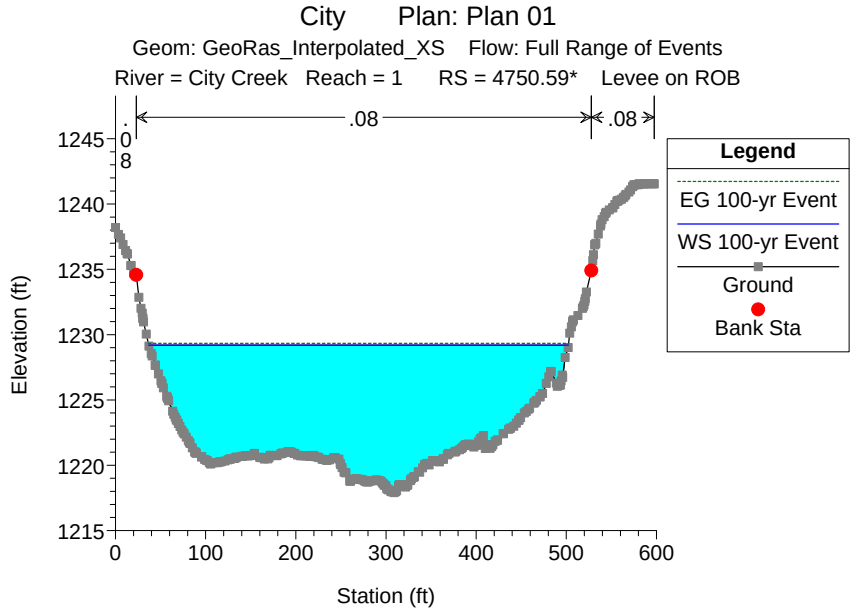

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4868.27* Levee on ROB
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

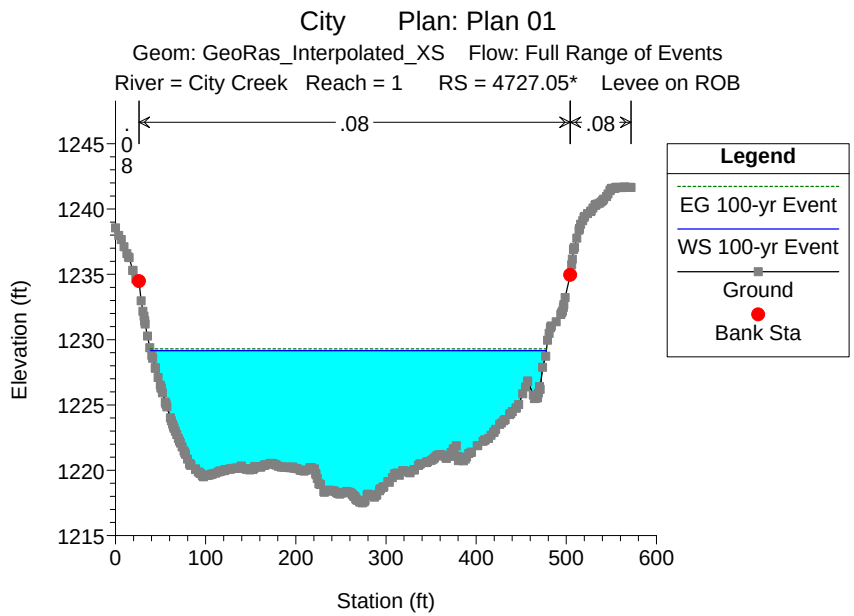

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4844.73* Levee on ROB
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

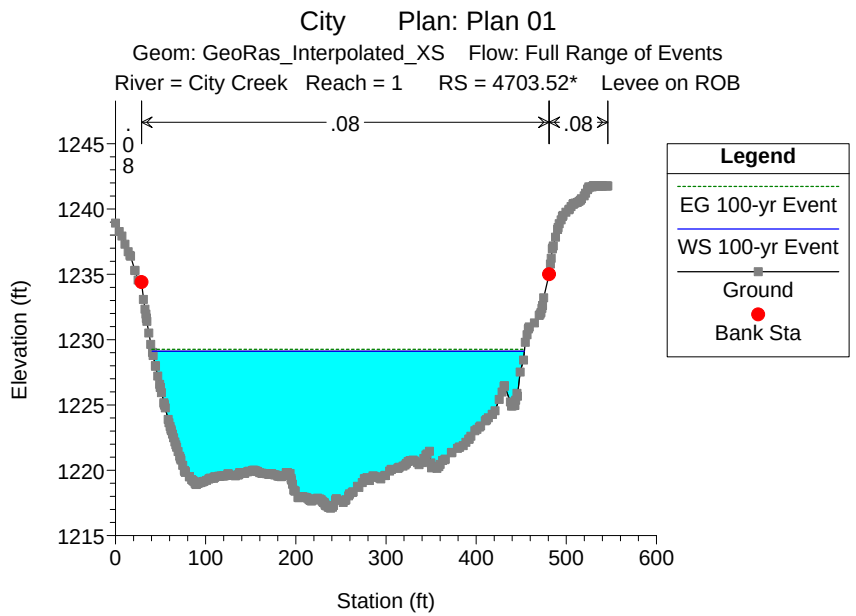

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4821.20* Levee on ROB
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

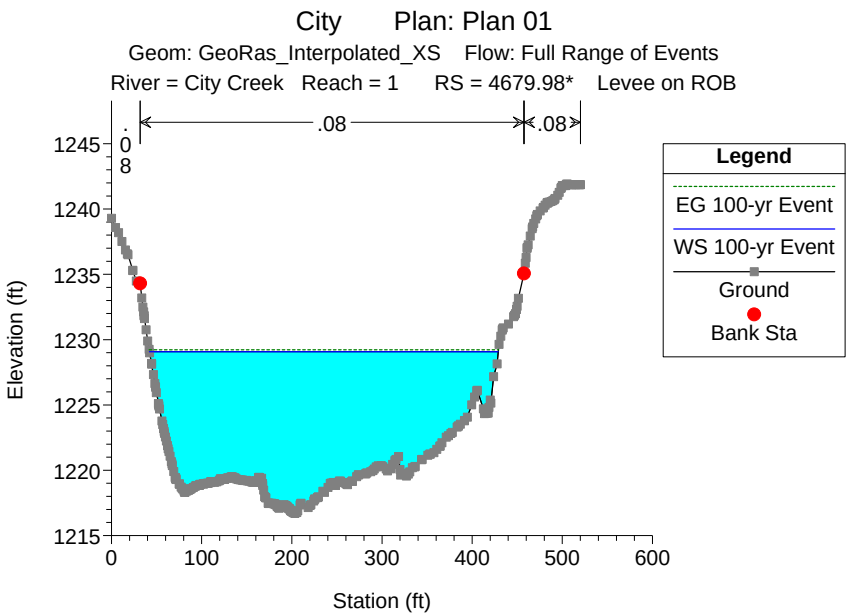

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4797.66* Levee on ROB
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

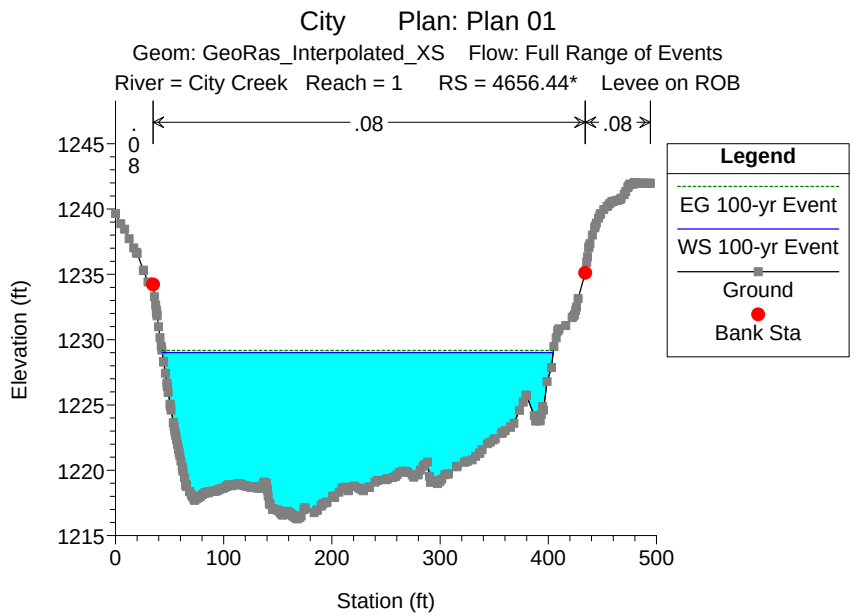

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4774.12* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)

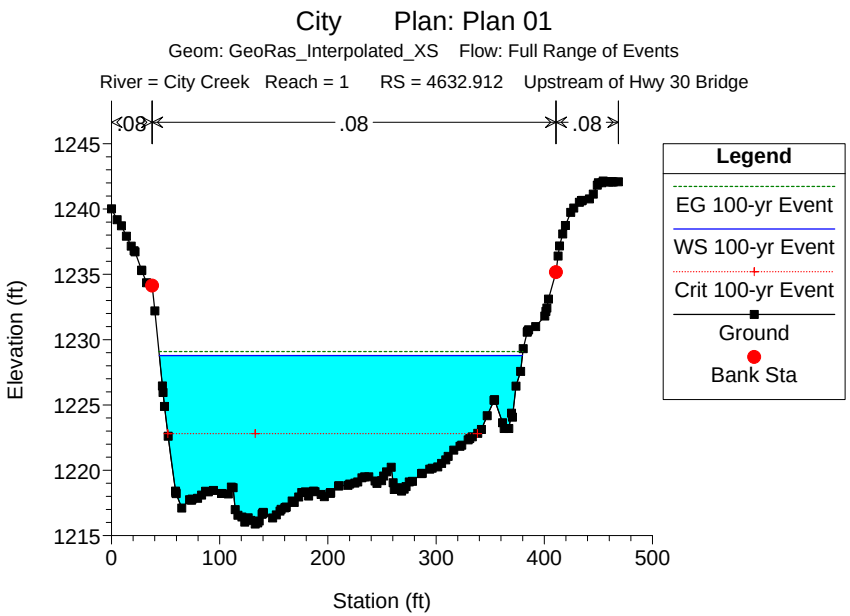

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4750.59* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

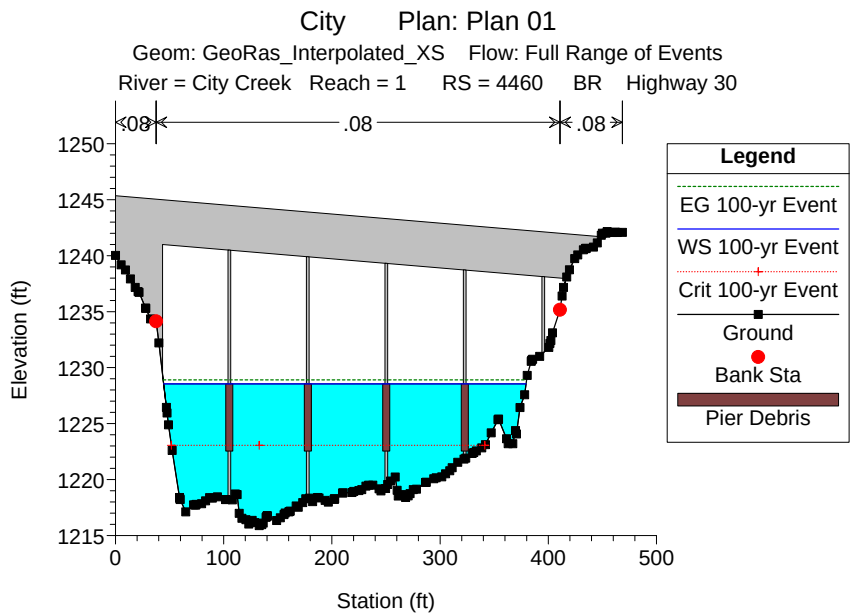

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4727.05* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

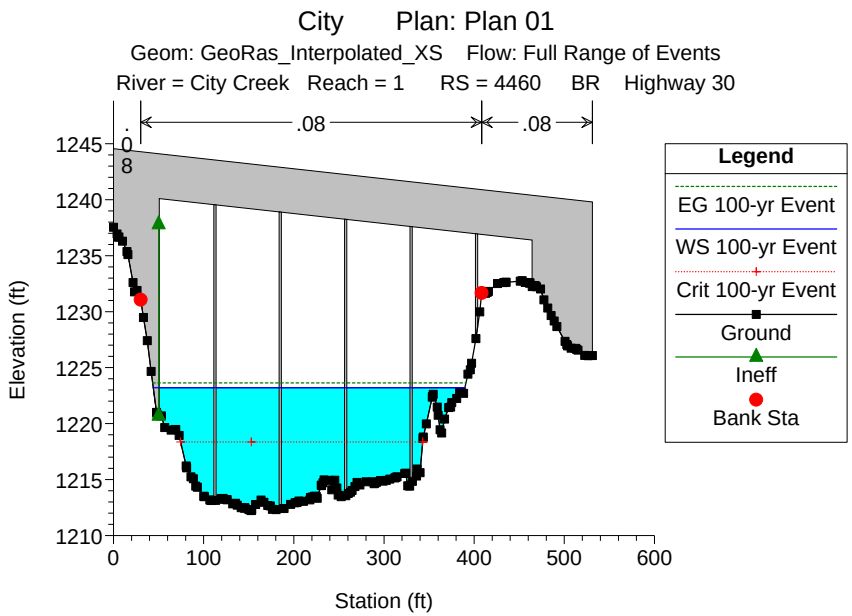

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4703.52* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

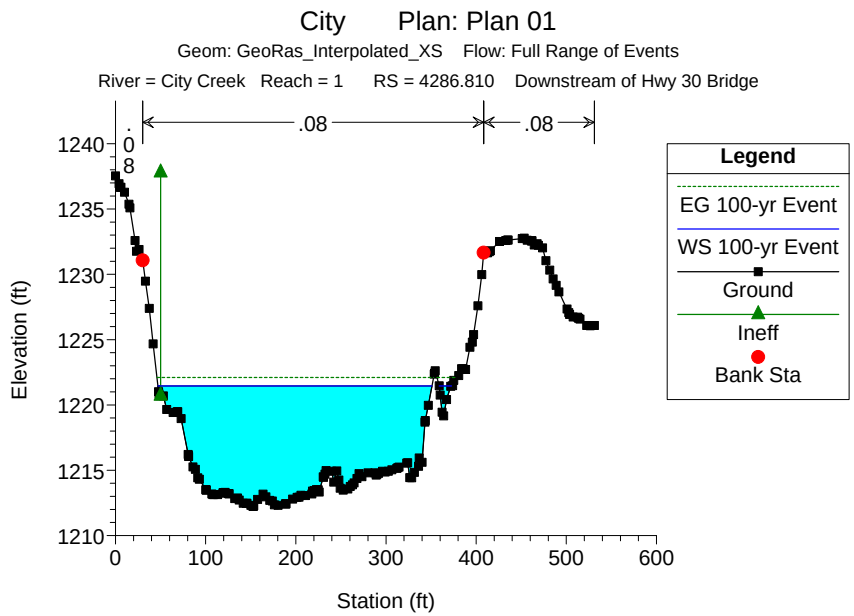

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4679.98* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

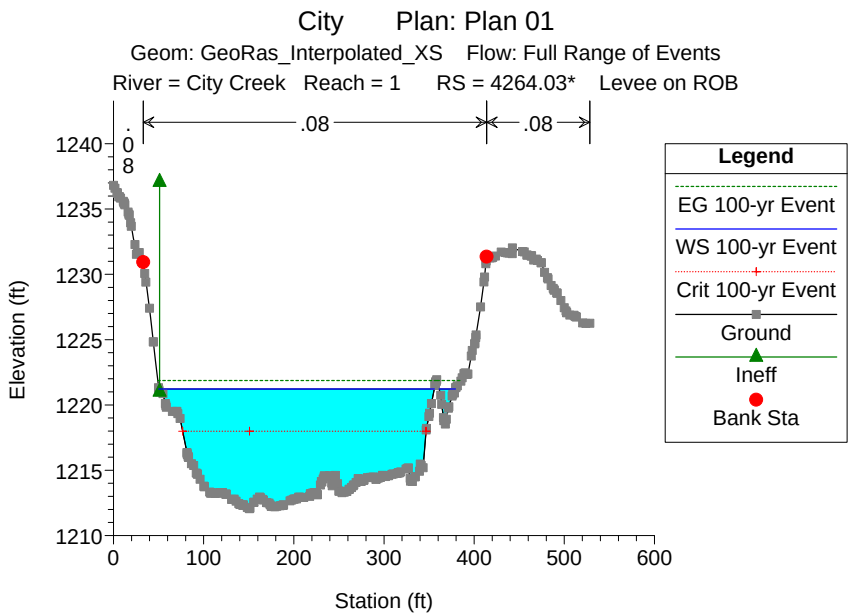

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4656.44* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

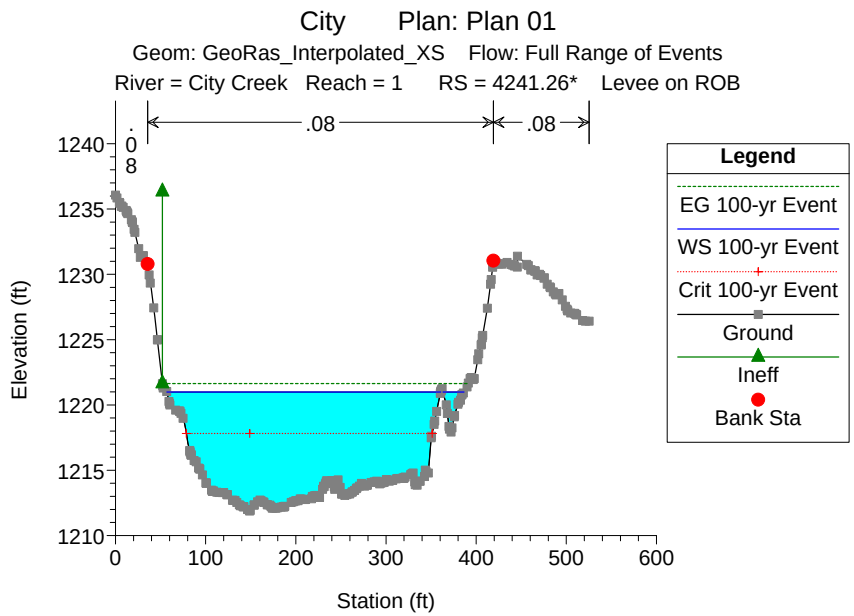

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4632.912 Upstream of Hwy 30 Bridge
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

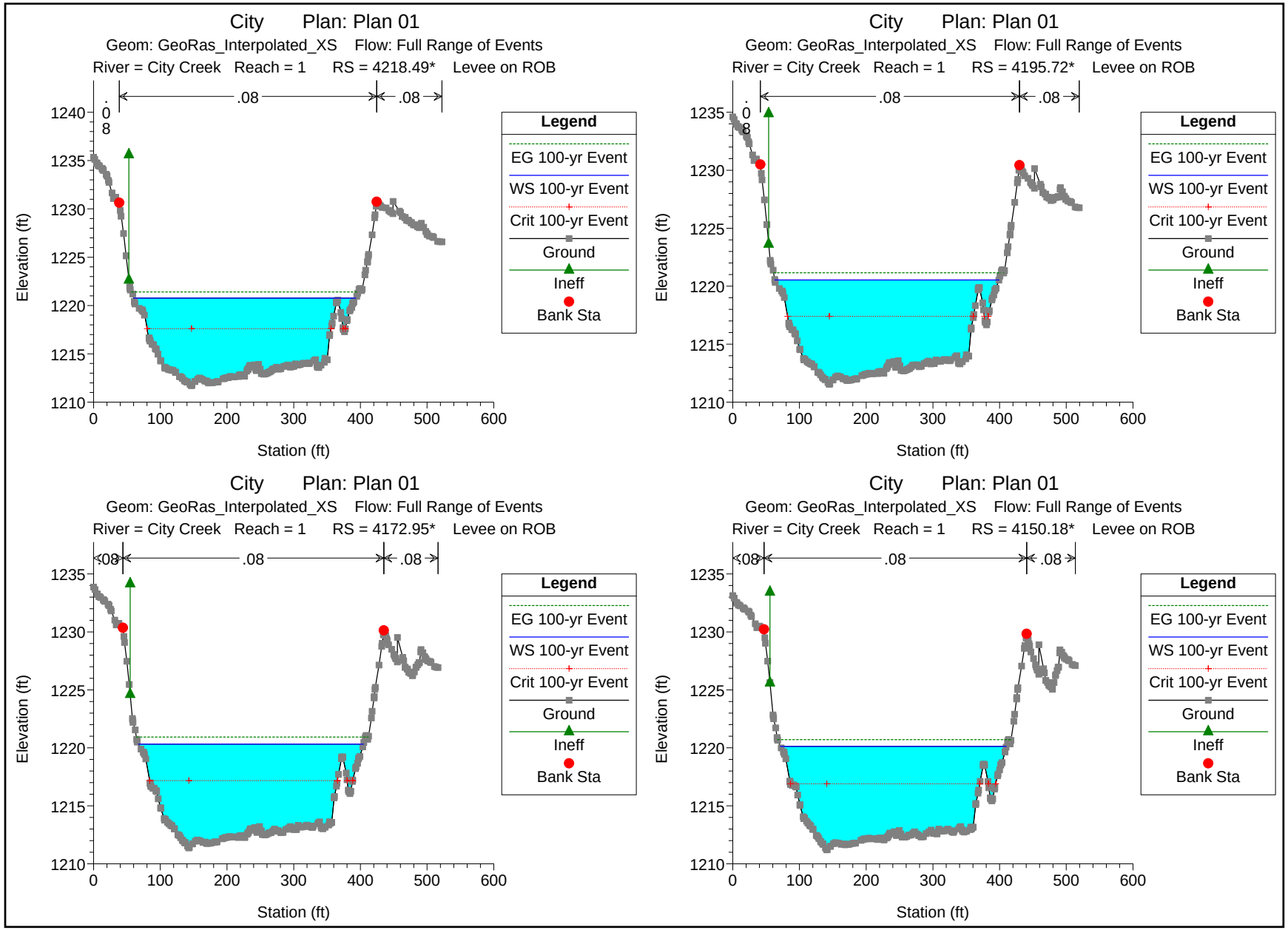

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4460 BR Highway 30
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Bank Sta
Pier Debris
Elevation (ft)
Station (ft)

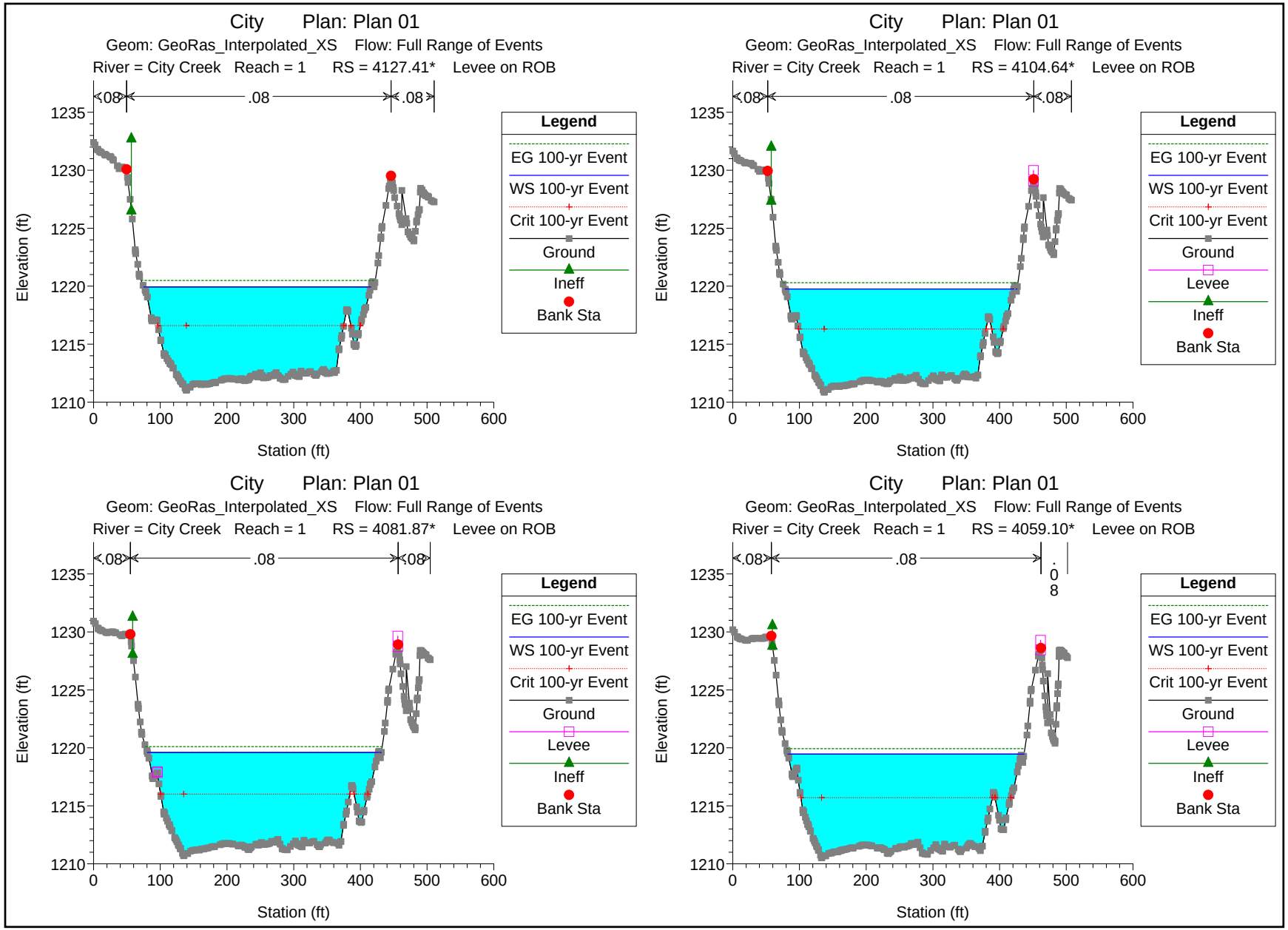

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4460 BR Highway 30
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta

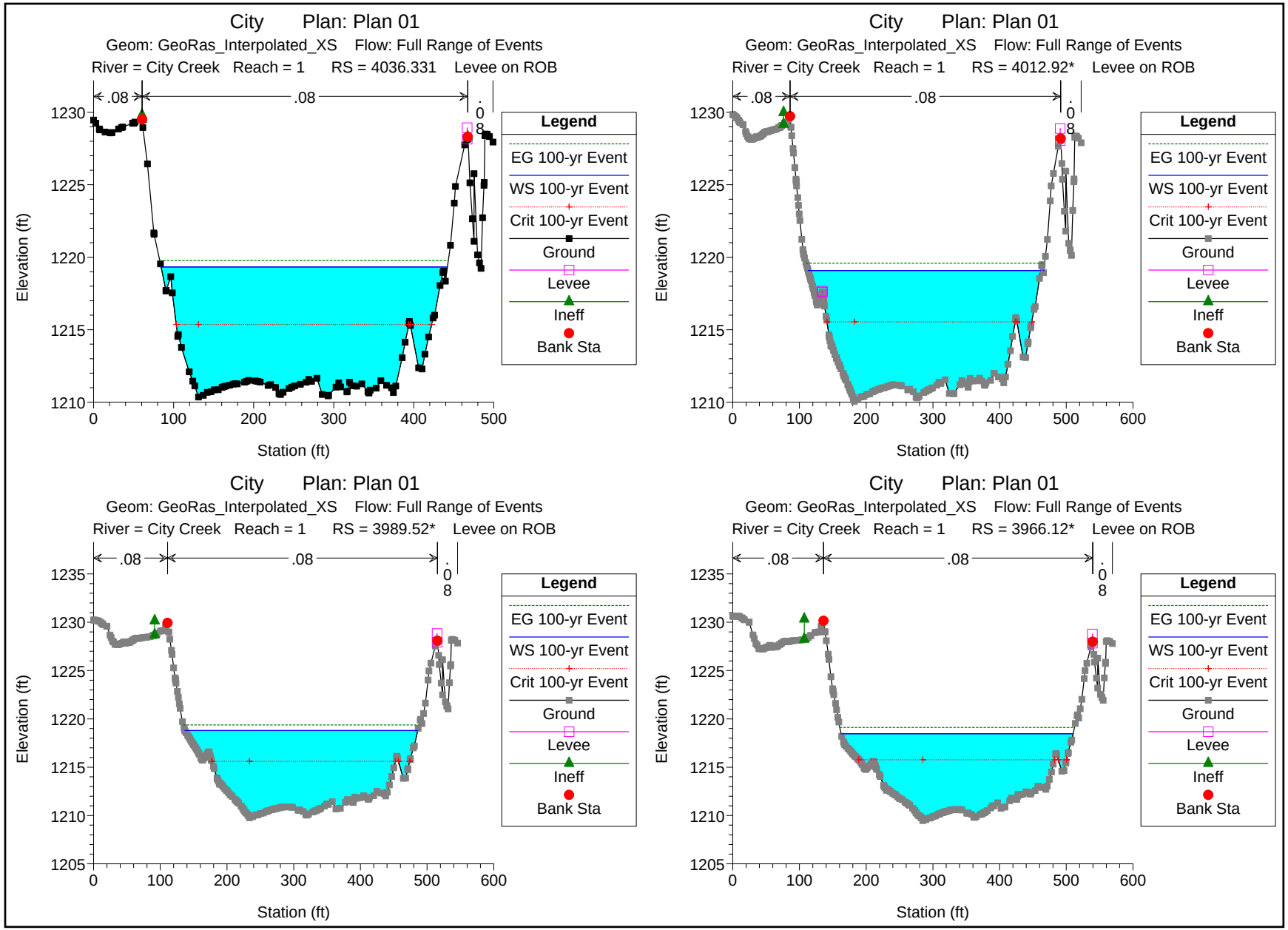

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4286.810 Downstream of Hwy 30 Bridge
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Ineff
Bank Sta

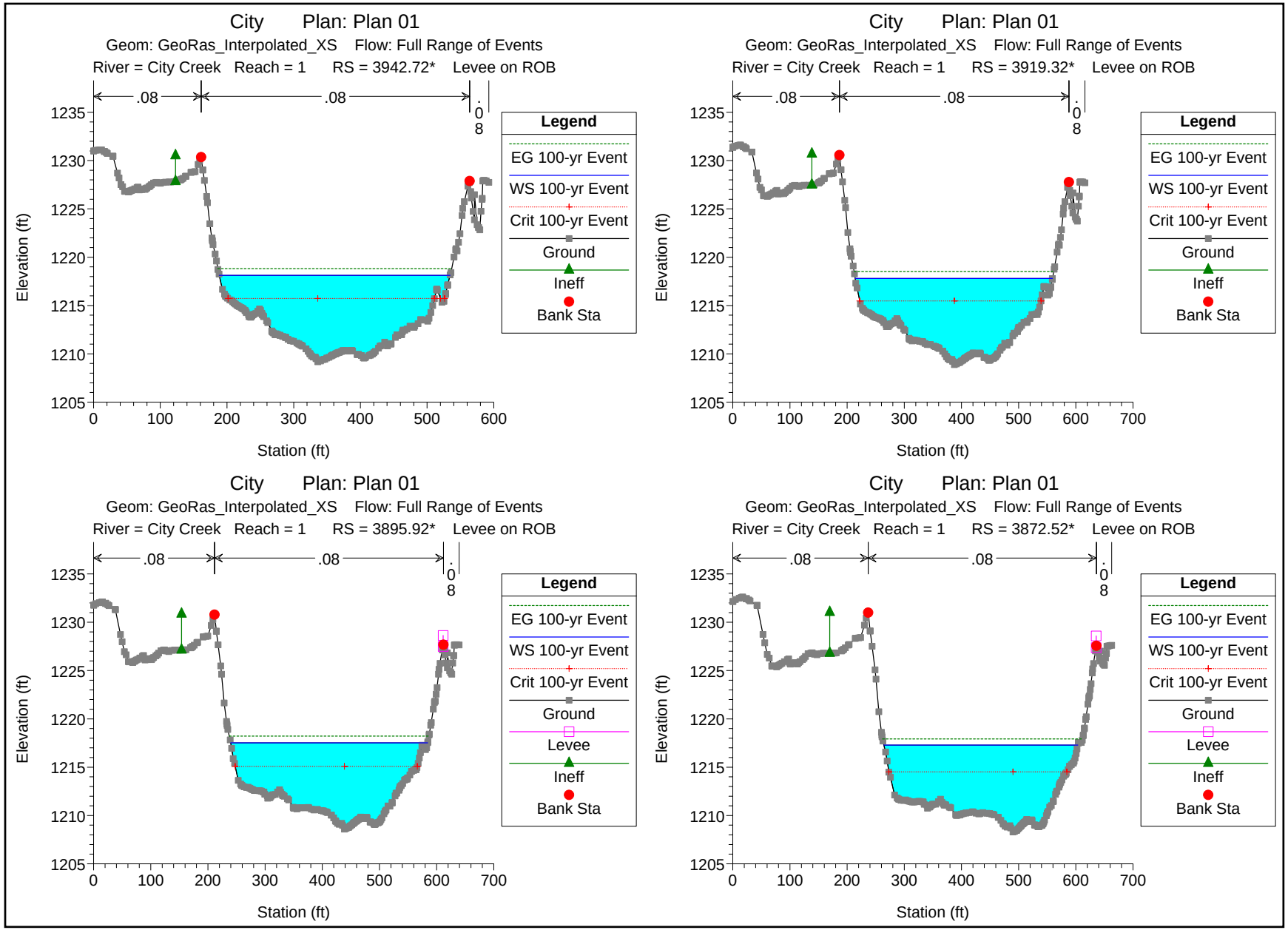

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4264.03* Levee on ROB
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta

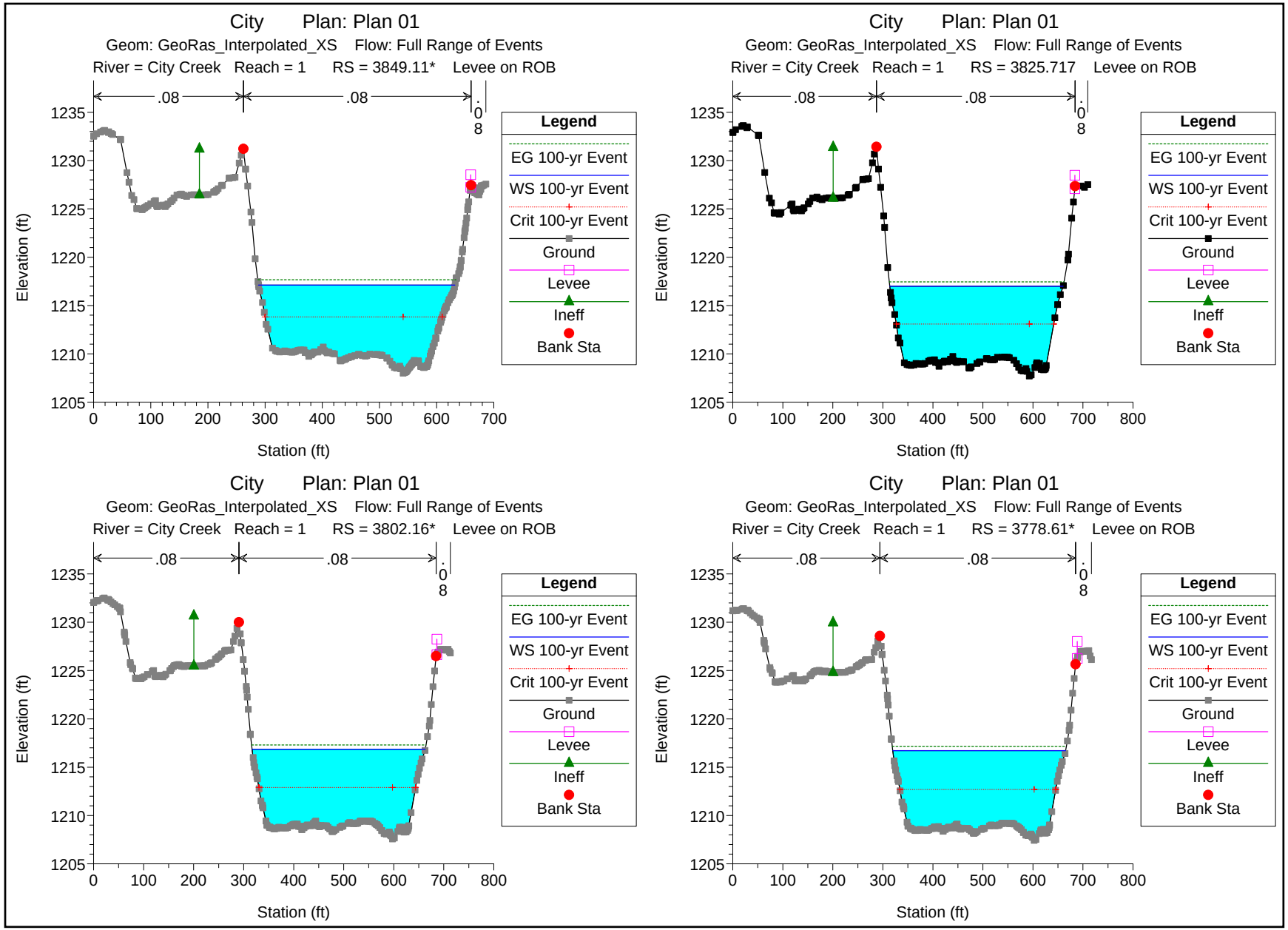

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4241.26* Levee on ROB
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta

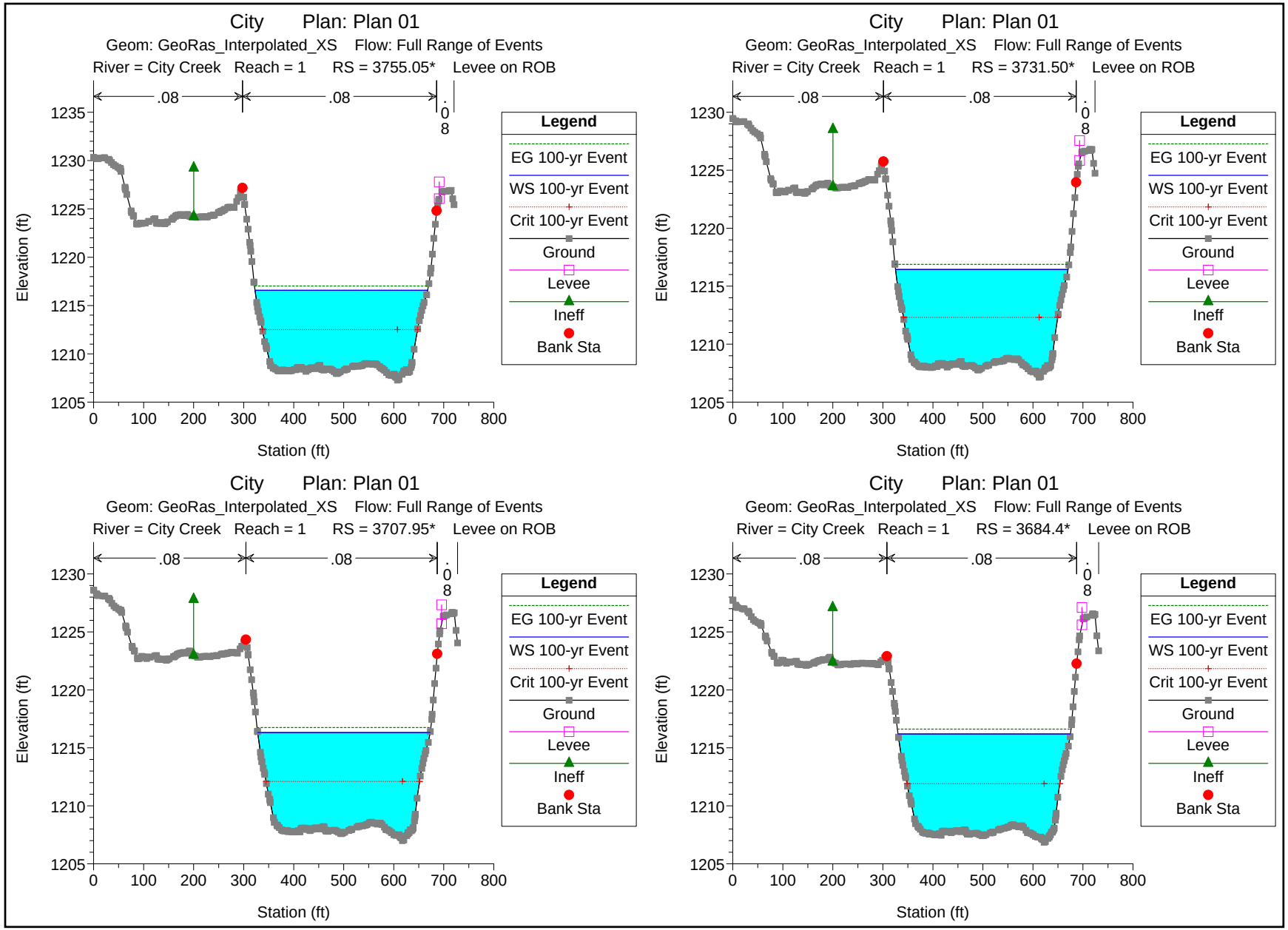

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4218.49* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4195.72* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4172.95* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4150.18* Levee on ROB
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)

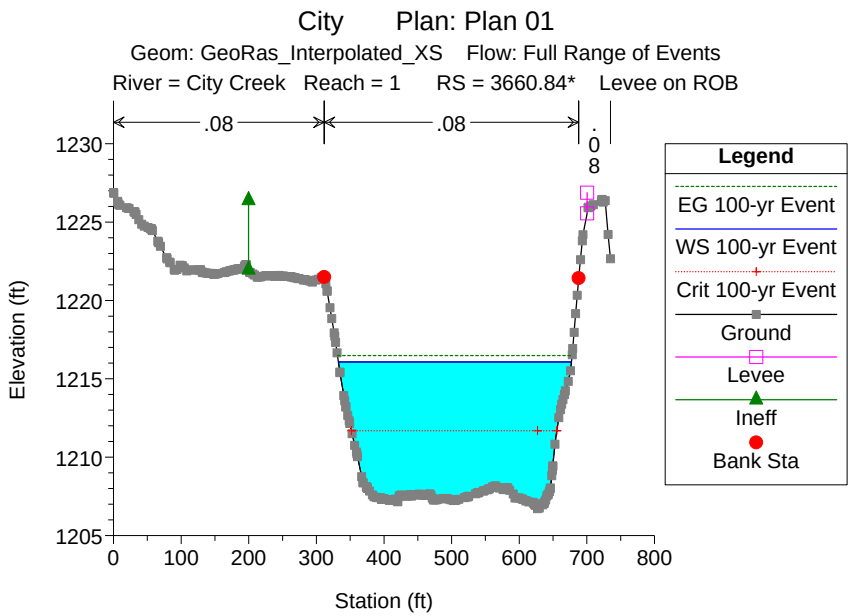

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4127.41* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4104.64* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4081.87* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4059.10* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

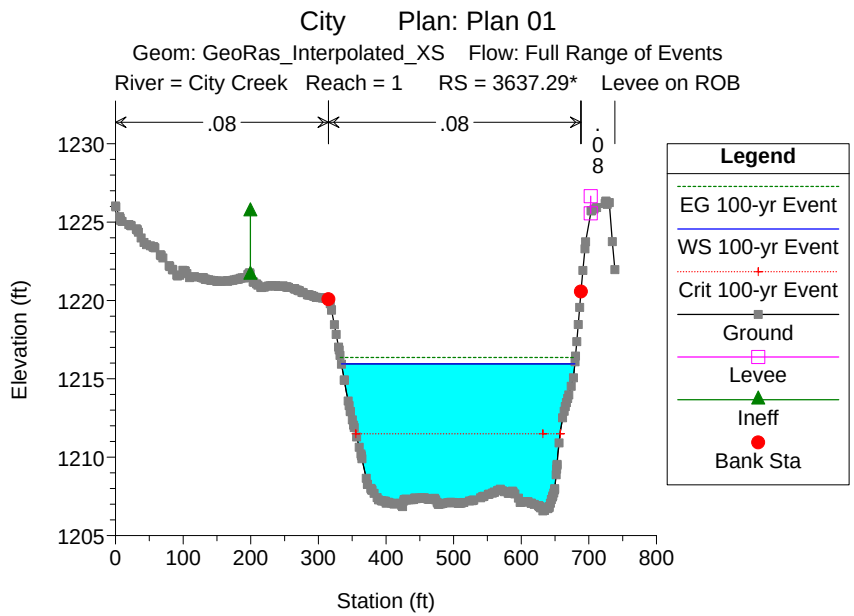

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4036.331 Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 4012.92* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3989.52* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3966.12* Levee on ROB
Elevation (ft)
Station (ft)
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

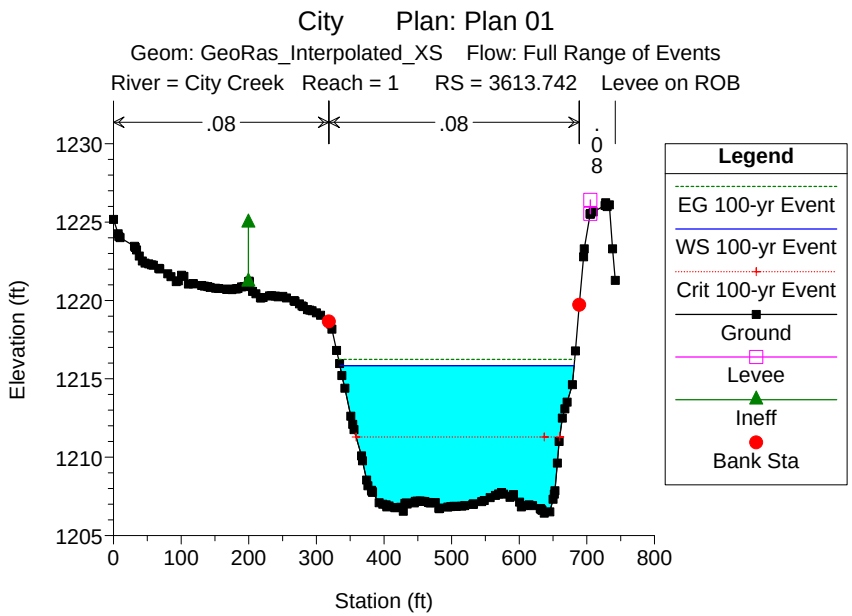

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3942.72* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3919.32* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3895.92* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3872.52* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1205
1210
1215
1220
1225
1230
1235
0
100
200
300
400
500
600
700

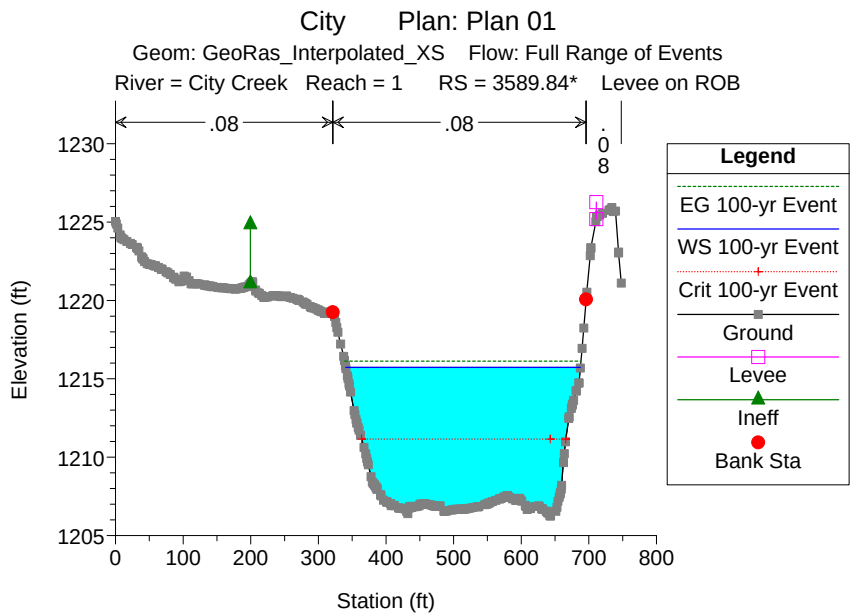

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3849.11* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3825.717 Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3802.16* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3778.61* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
Station (ft)
1205
1210
1215
1220
1225
1230
1235
0
100
200
300
400
500
600
700
800

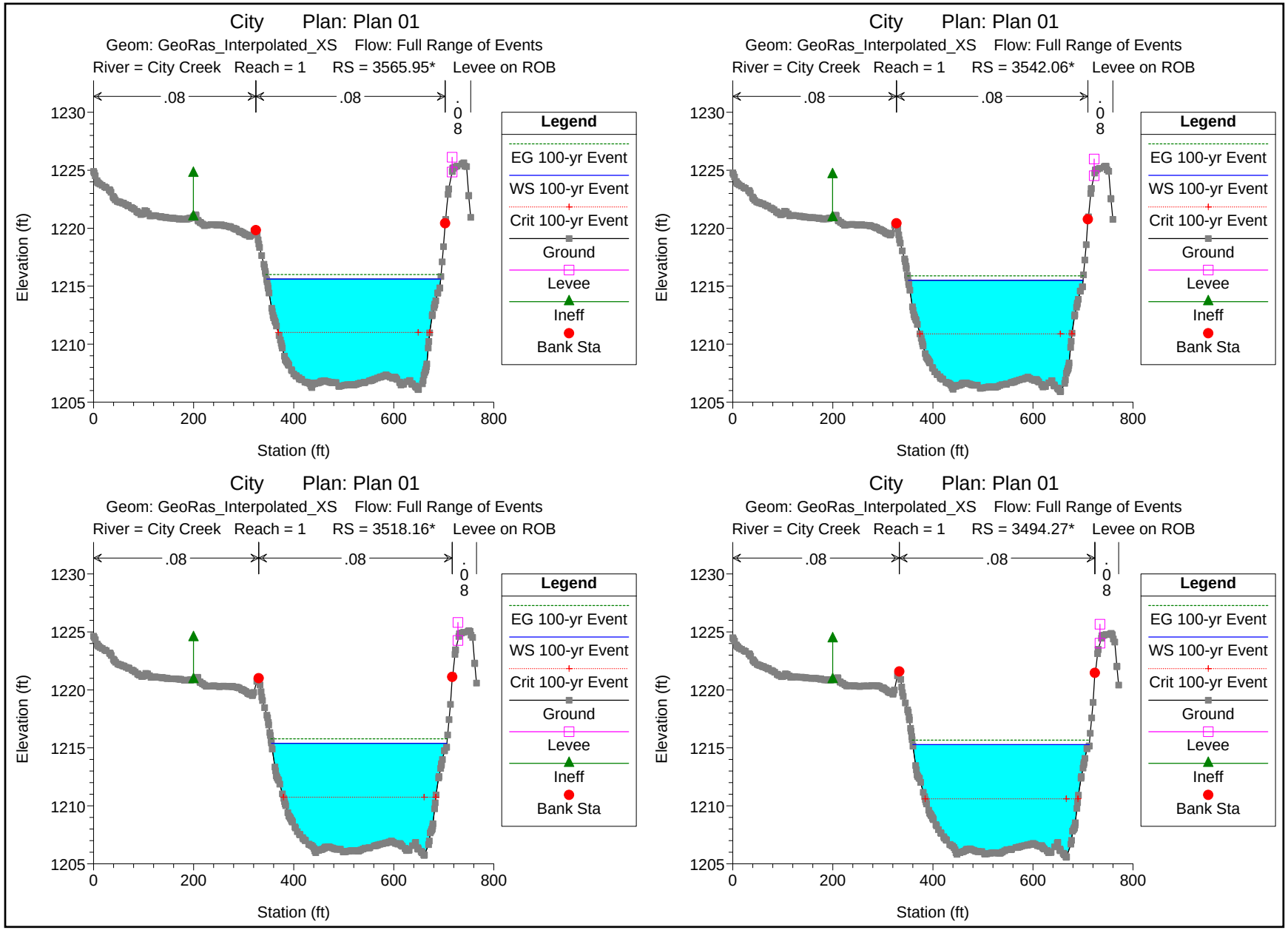

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3755.05* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3731.50* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3707.95* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3684.4* Levee on ROB

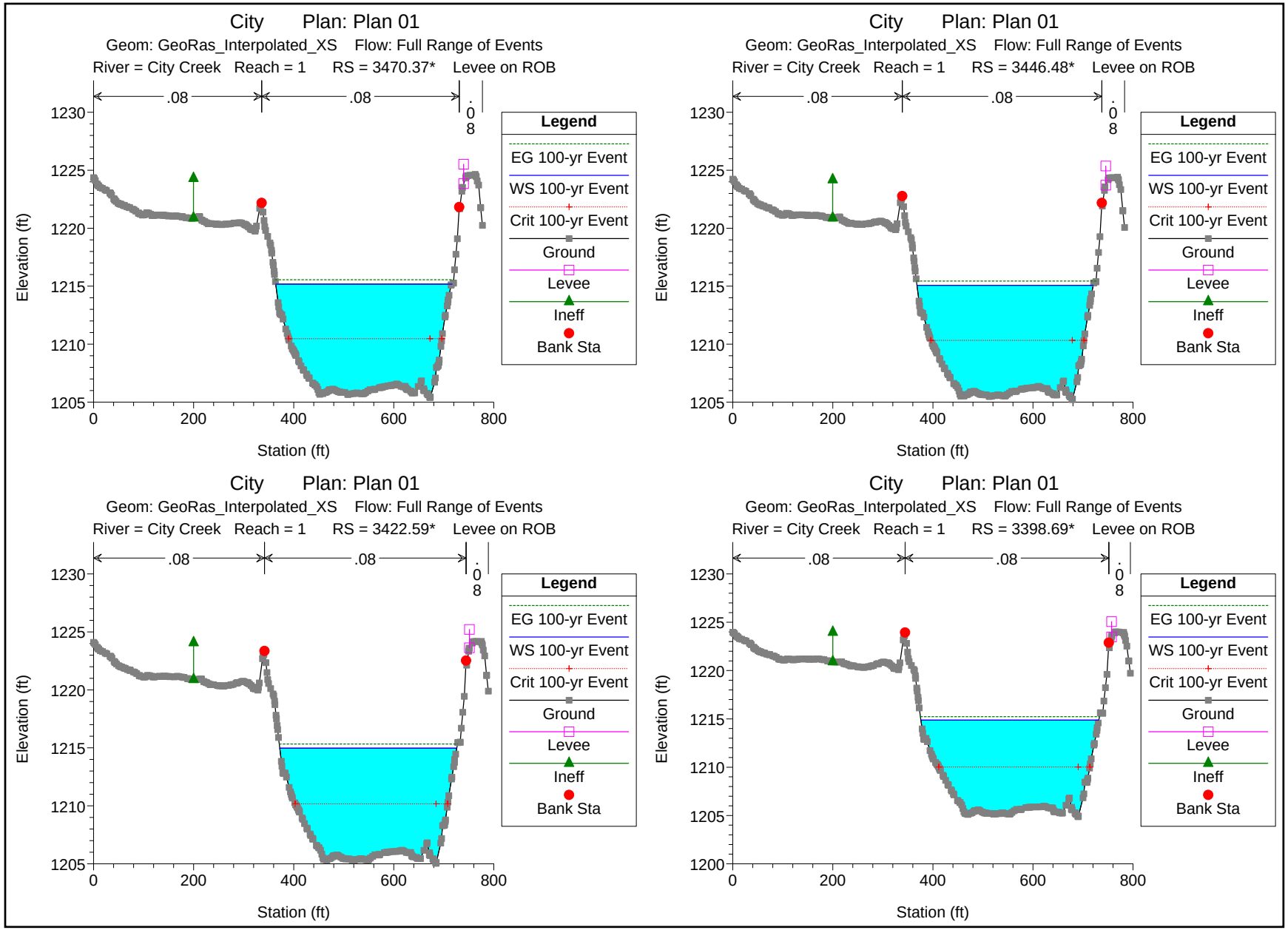

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3660.84* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

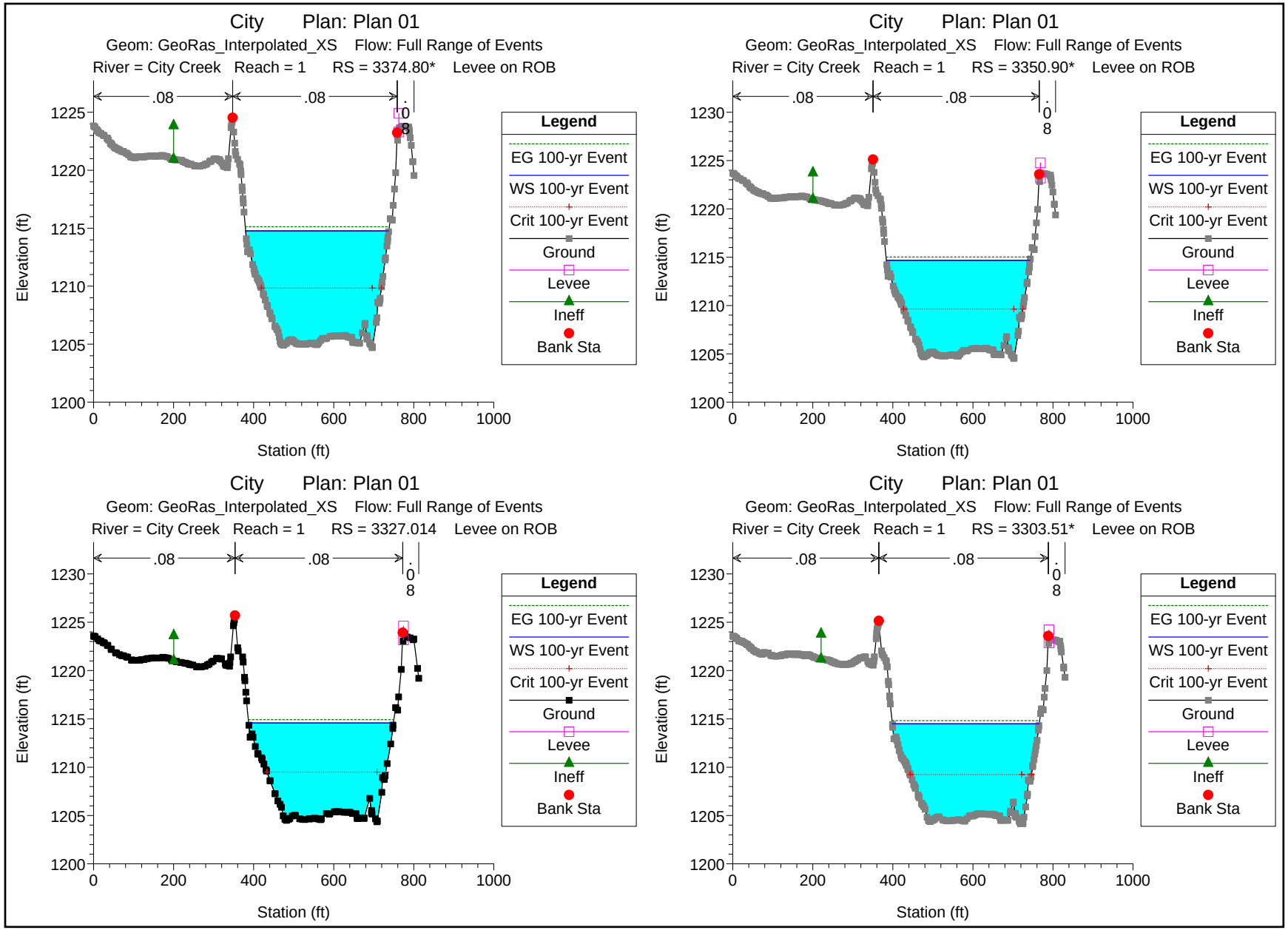

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3637.29* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

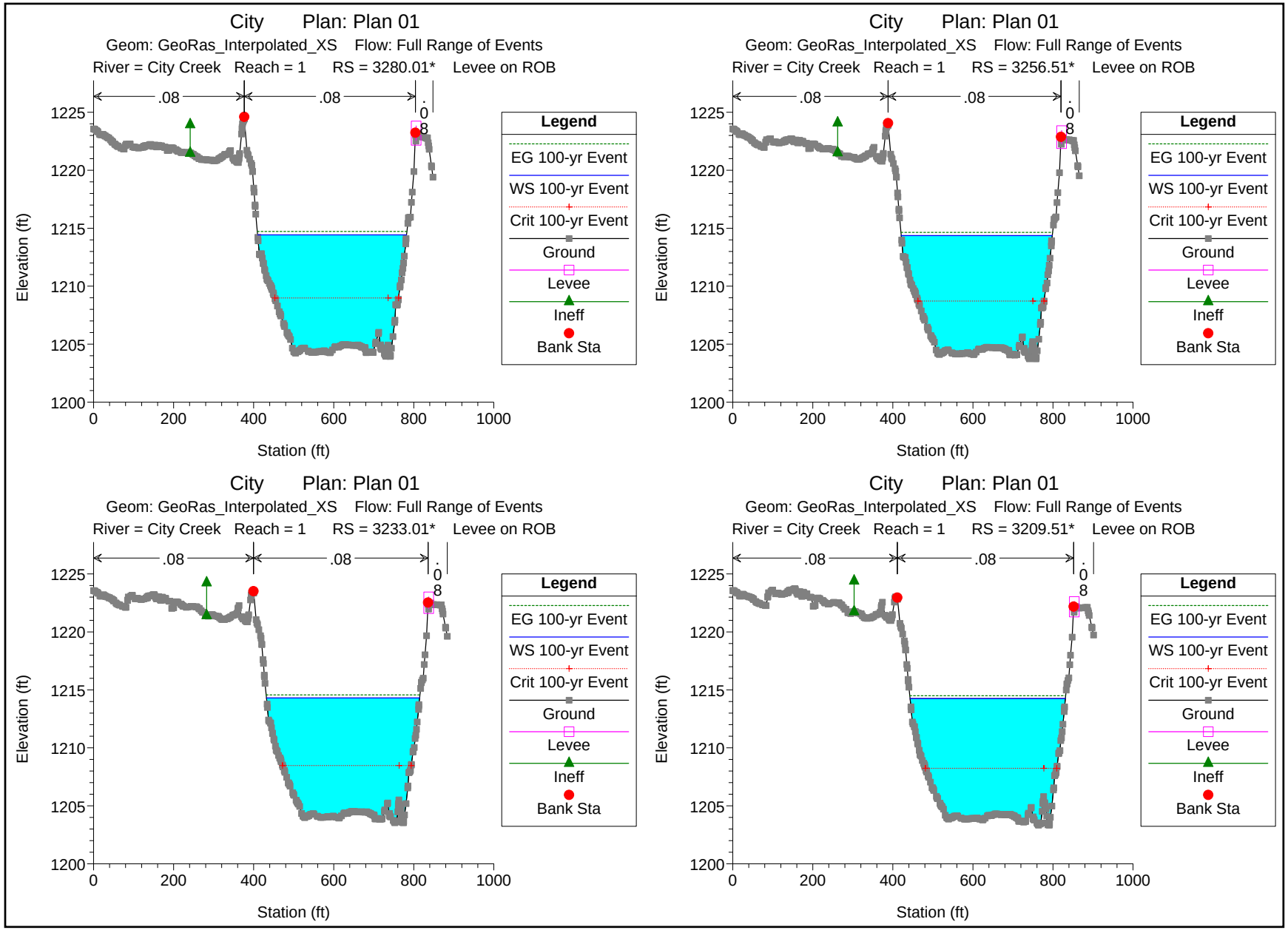

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3613.742 Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

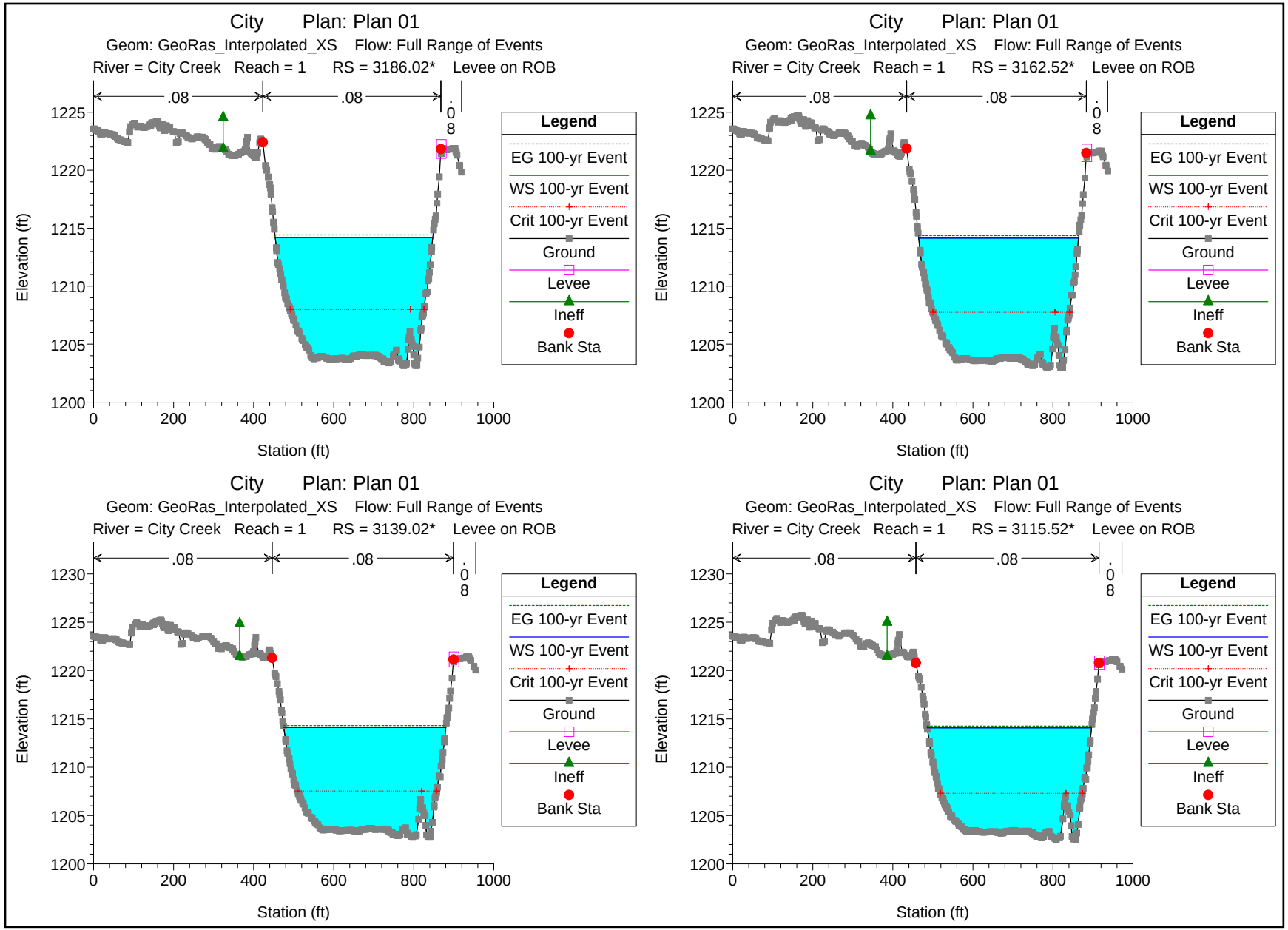

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3589.84* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

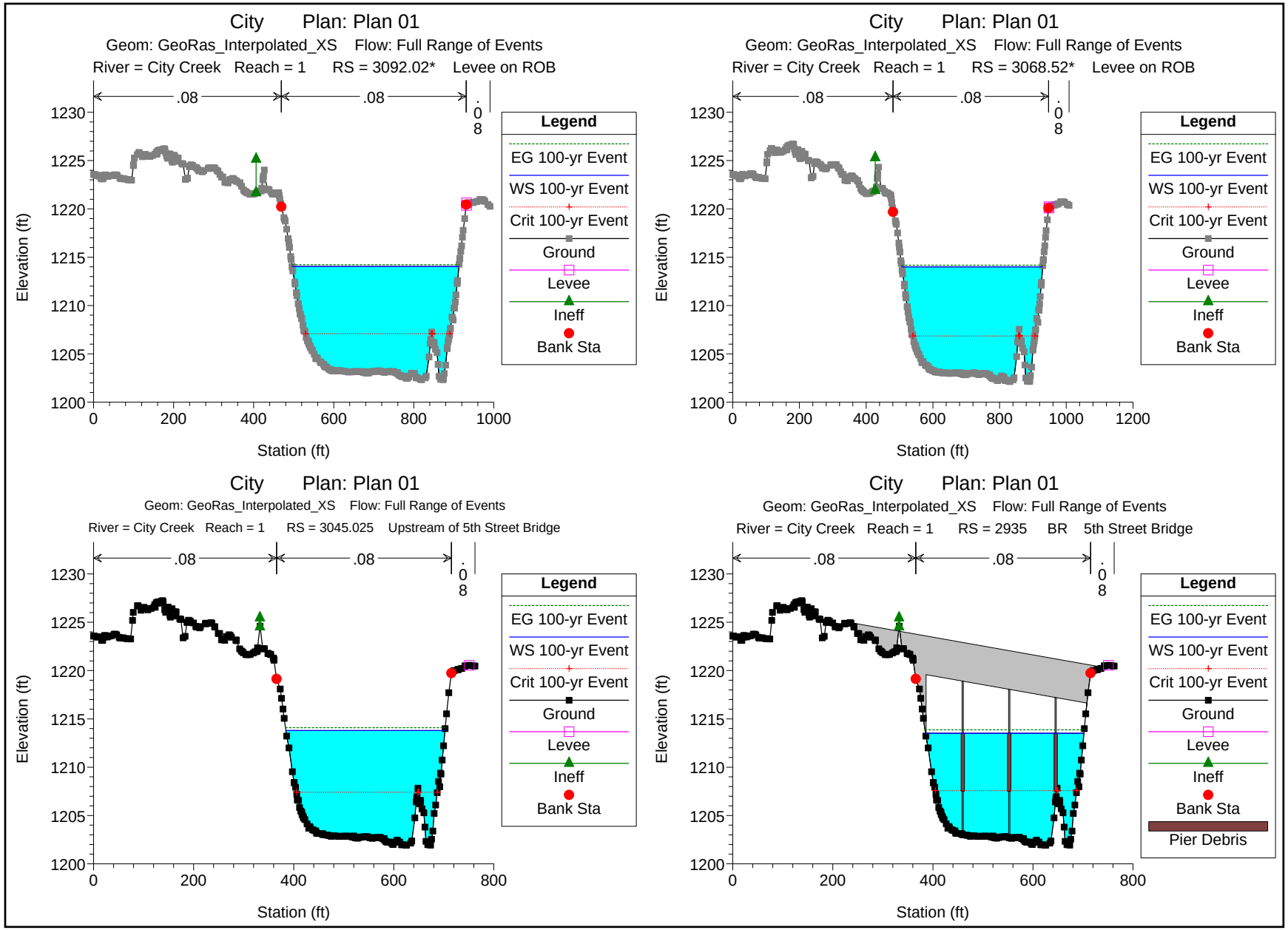

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3565.95* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3542.06* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3518.16* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3494.27* Levee on ROB
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Elevation (ft)
1230
1225
1220
1215
1210
1205
0
200
400
600
800
Station (ft)

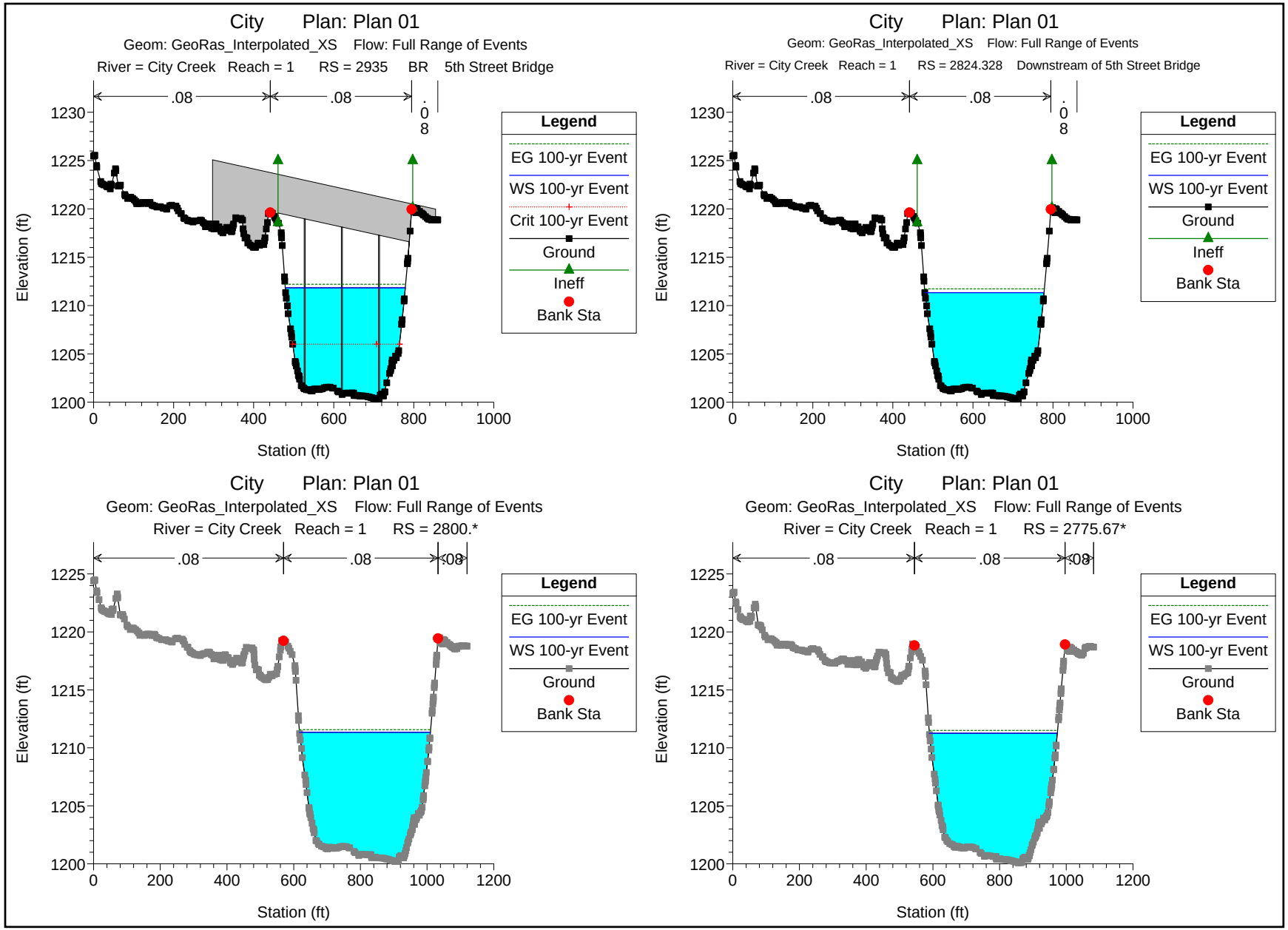

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3470.37* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3446.48* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3422.59* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3398.69* Levee on ROB

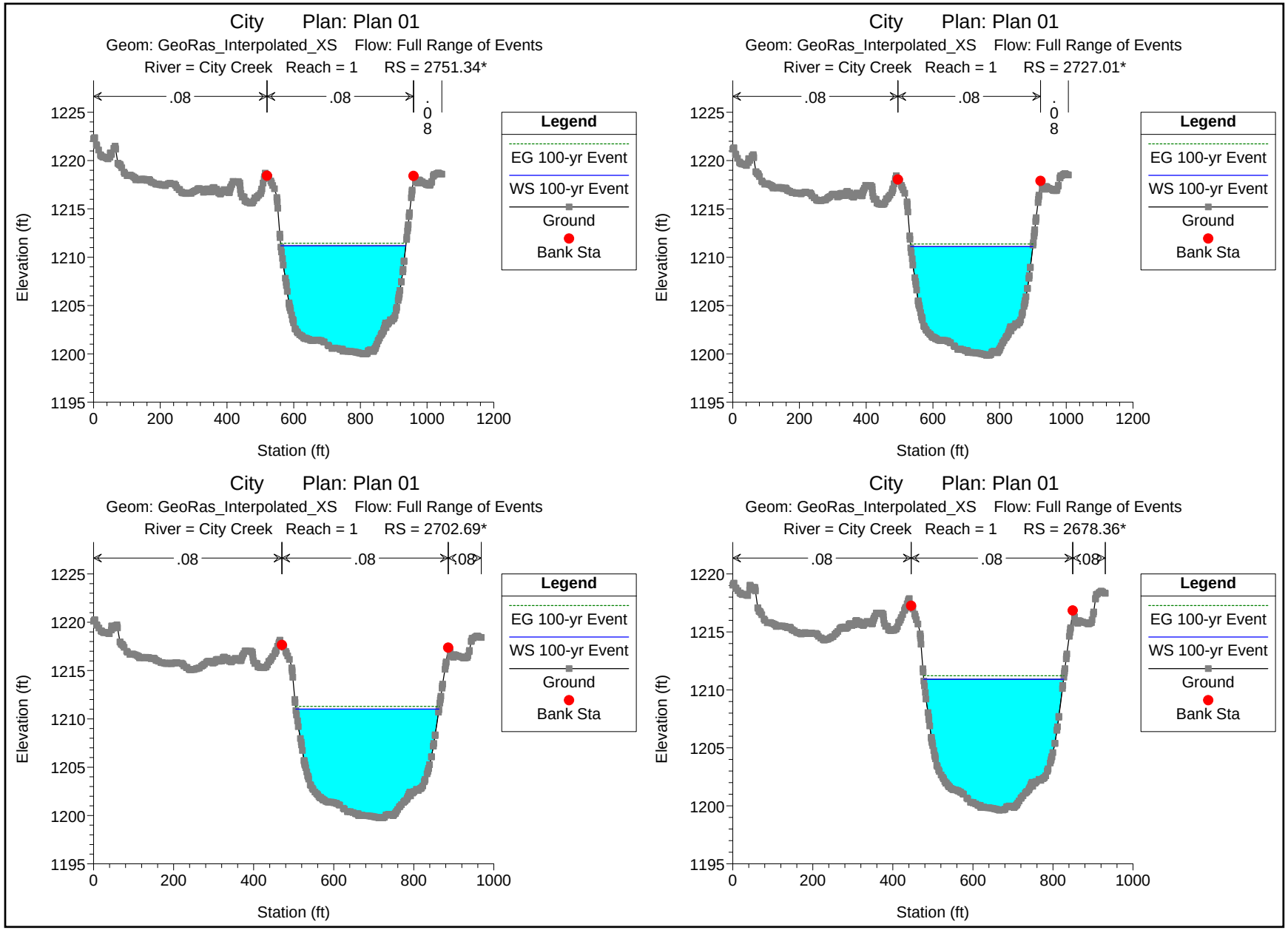

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3374.80* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3350.90* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3327.014 Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3303.51* Levee on ROB
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

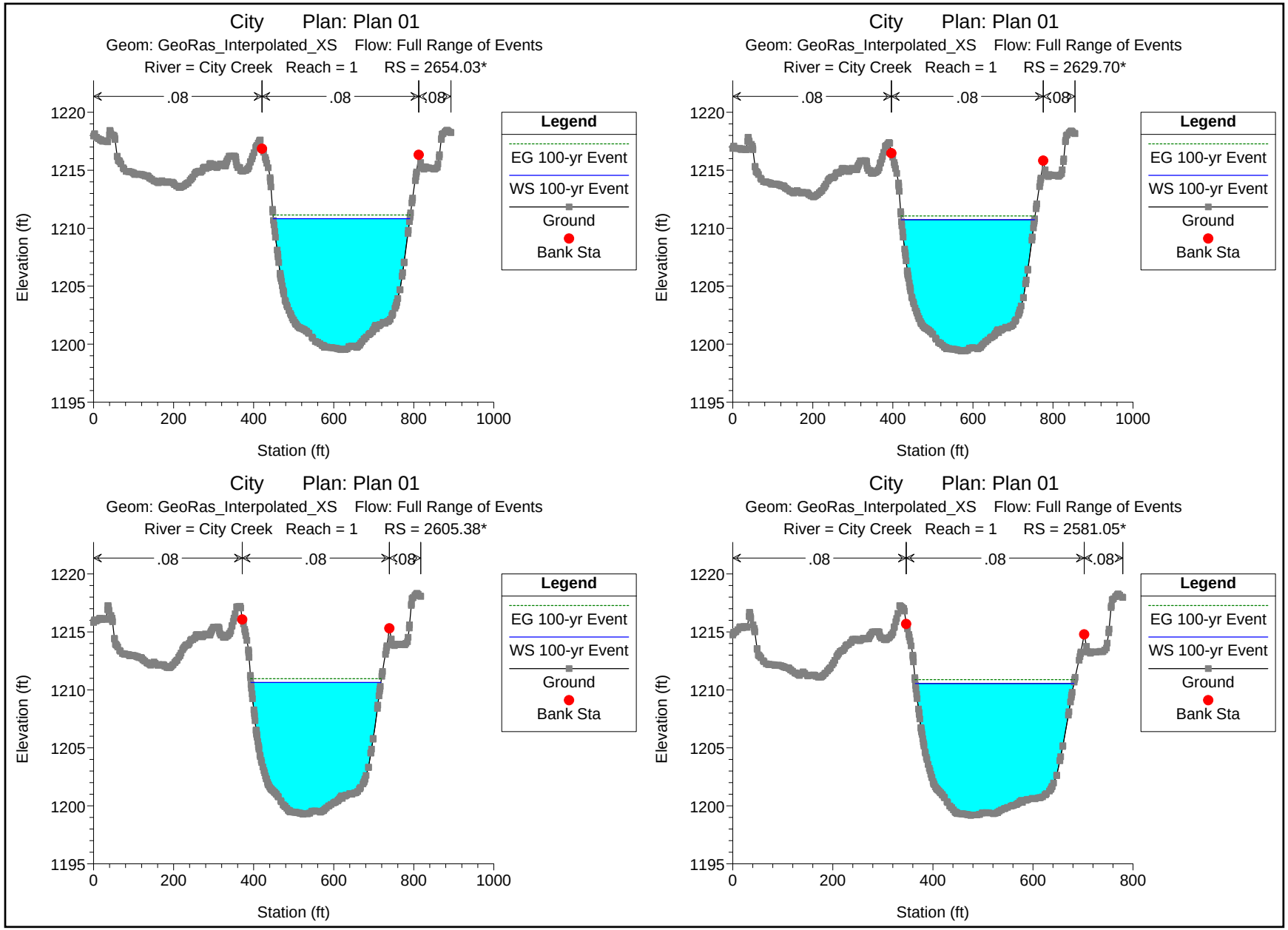

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3280.01* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3256.51* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3233.01* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3209.51* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
1200
1205
1210
1215
1220
1225
0
200
400
600
800
1000
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta

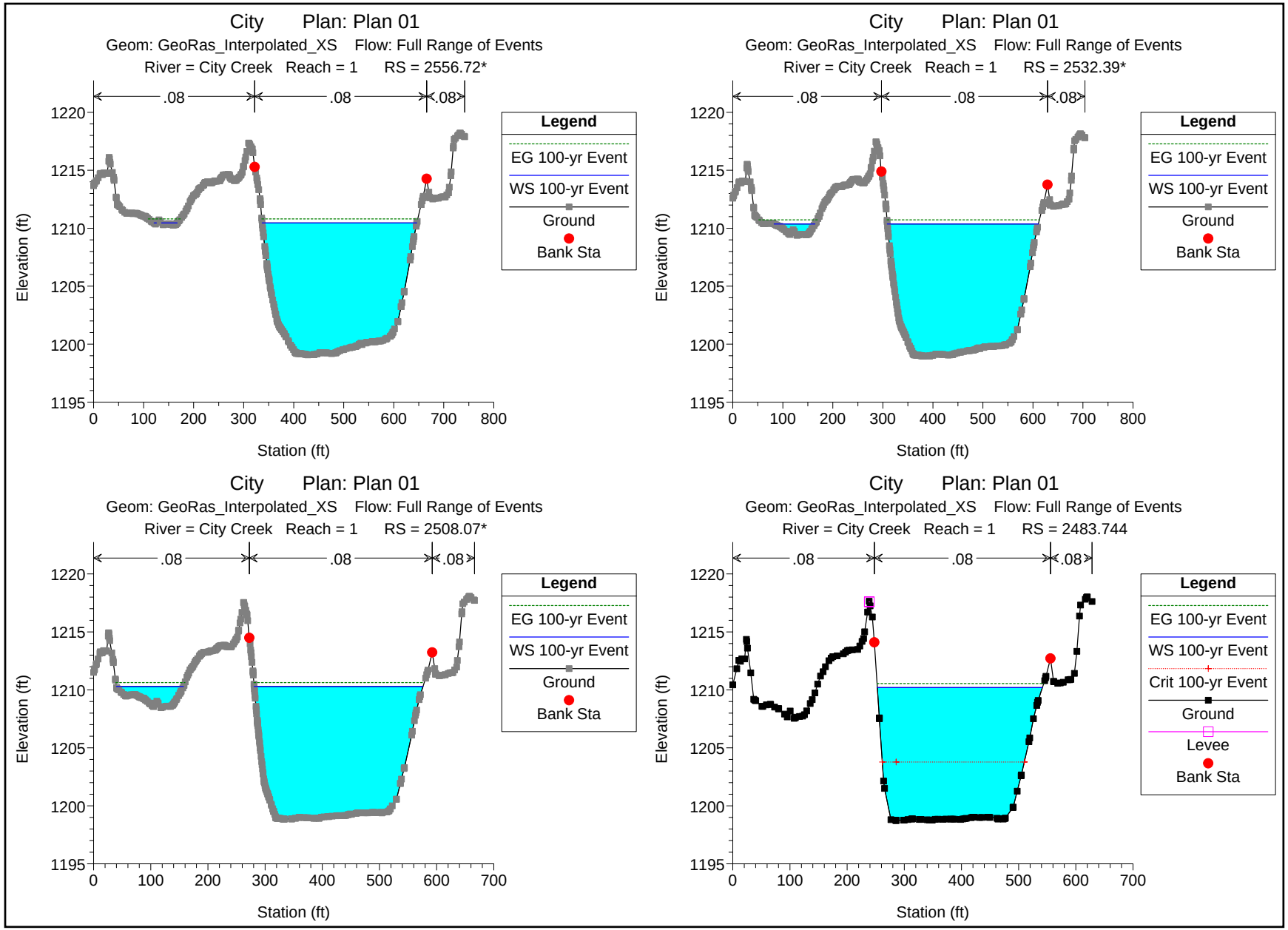

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3186.02* Levee on ROB
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3162.52* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3139.02* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3115.52* Levee on ROB

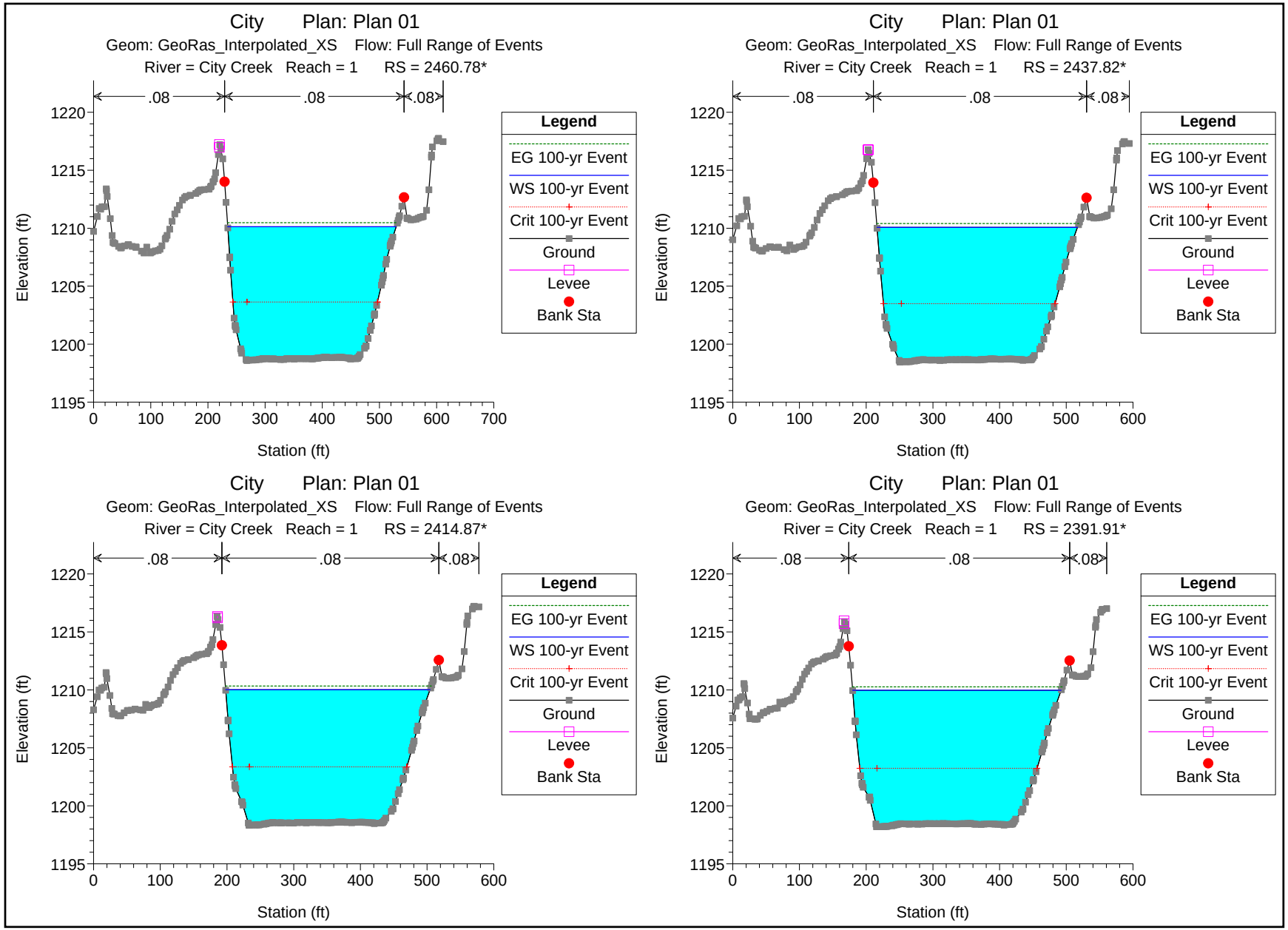

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3092.02* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3068.52* Levee on ROB
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 3045.025 Upstream of 5th Street Bridge
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2935 BR 5th Street Bridge
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Ineff
Bank Sta
Pier Debris

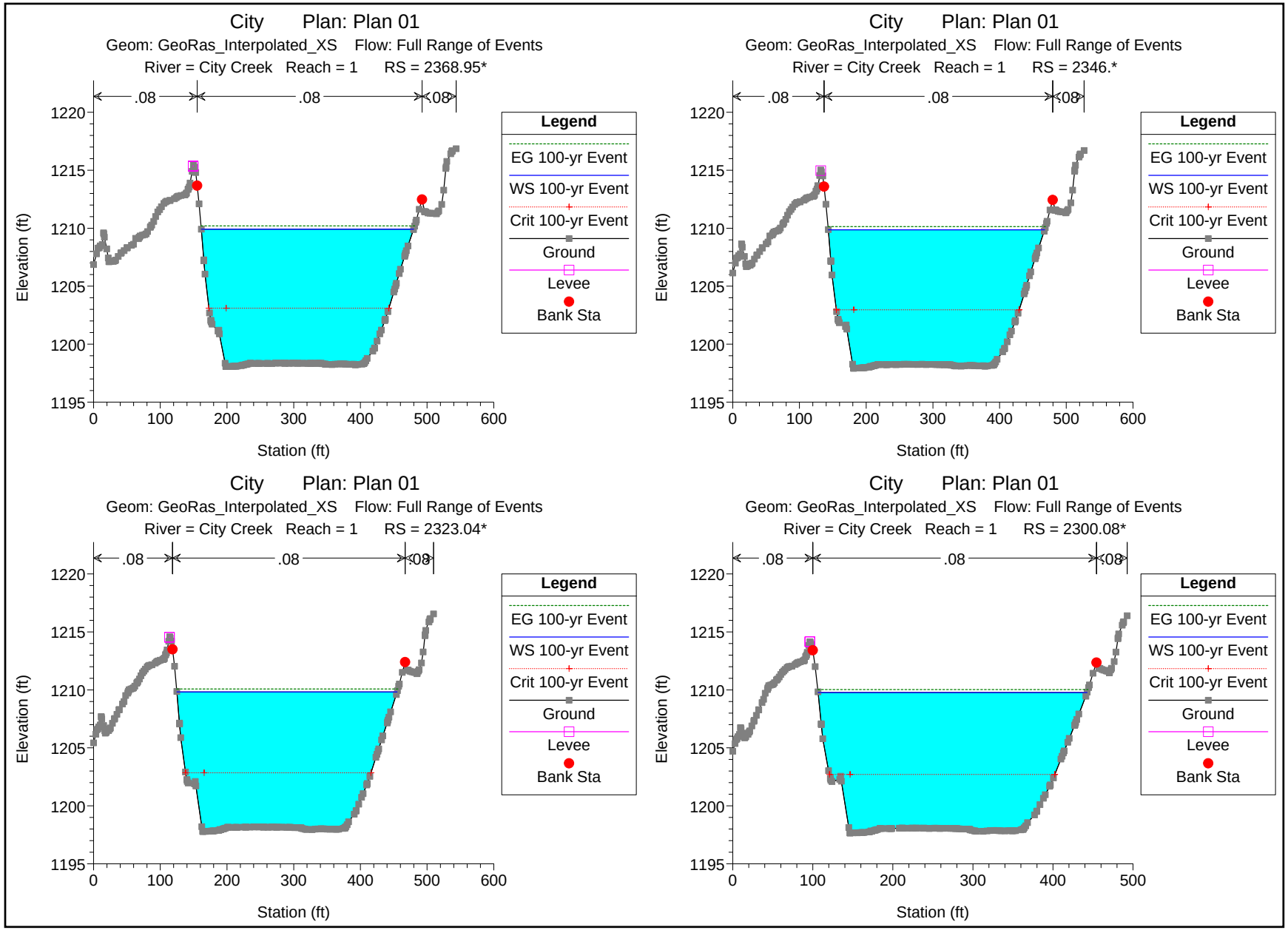

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2935 BR 5th Street Bridge
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2824.328 Downstream of 5th Street Bridge
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2800.*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2775.67*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

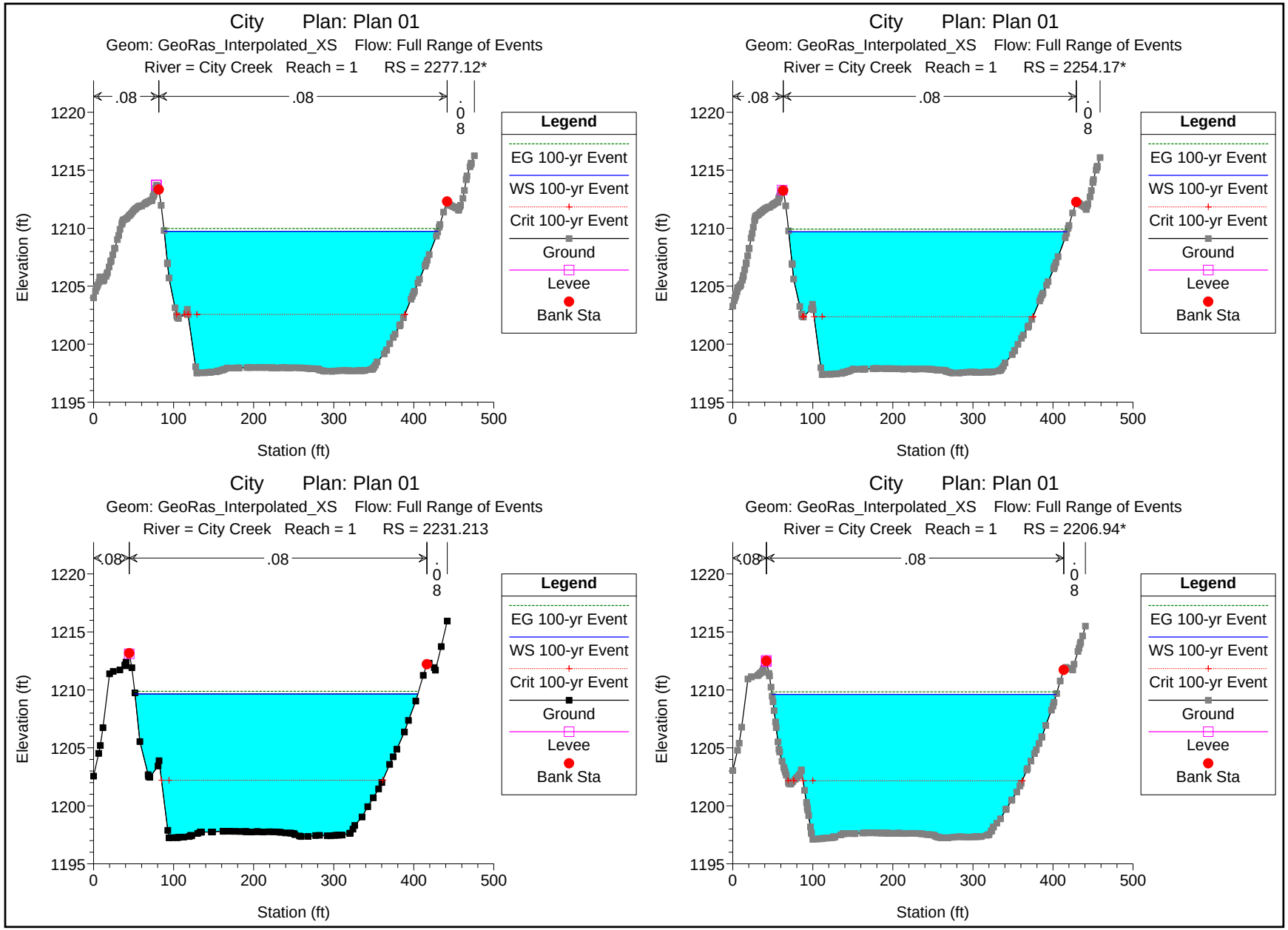

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2751.34*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2727.01*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2702.69*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2678.36*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

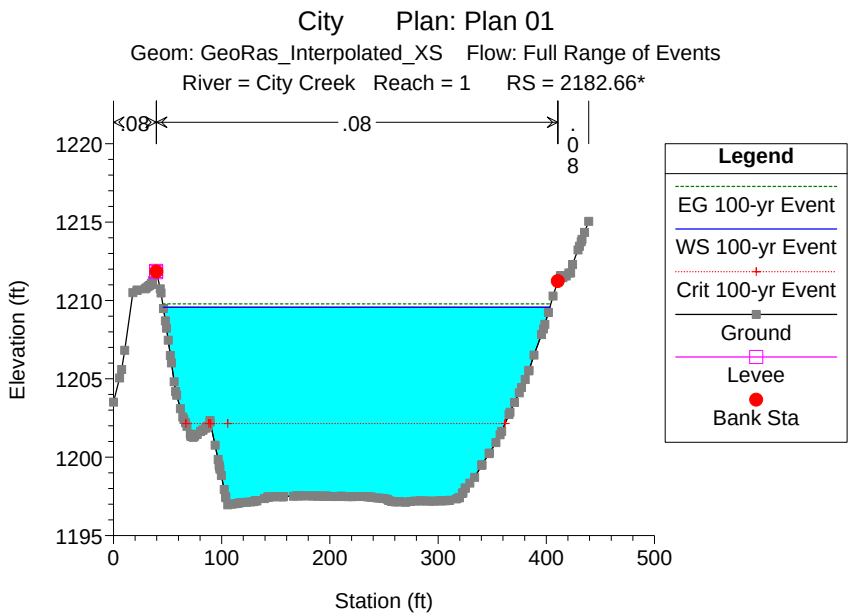

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2654.03*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2629.70*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2605.38*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2581.05*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

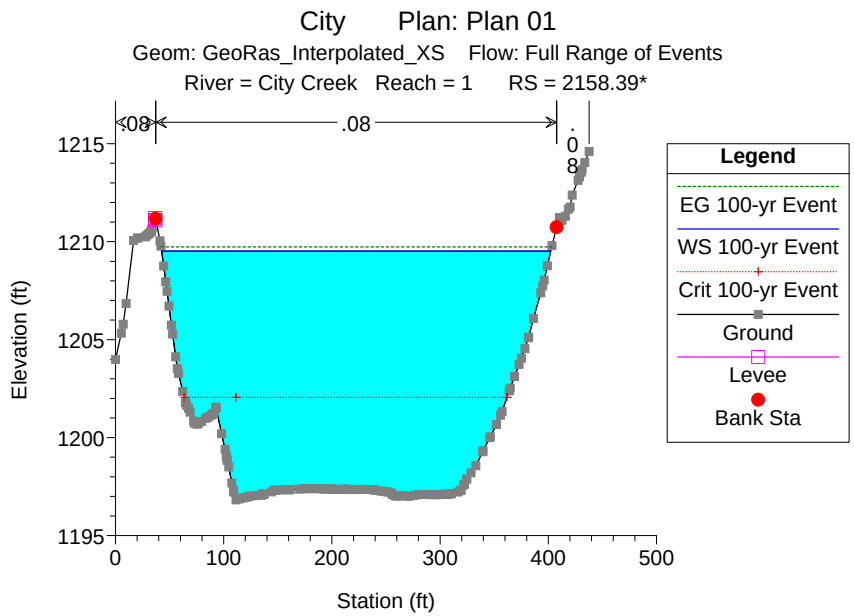

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2556.72*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2532.39*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2508.07*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2483.744
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)

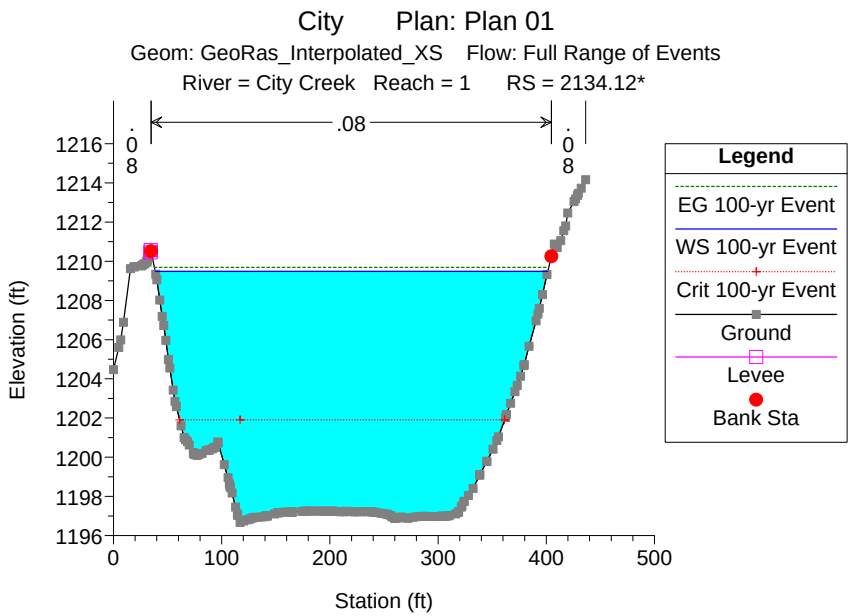

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2460.78*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2437.82*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2414.87*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2391.91*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

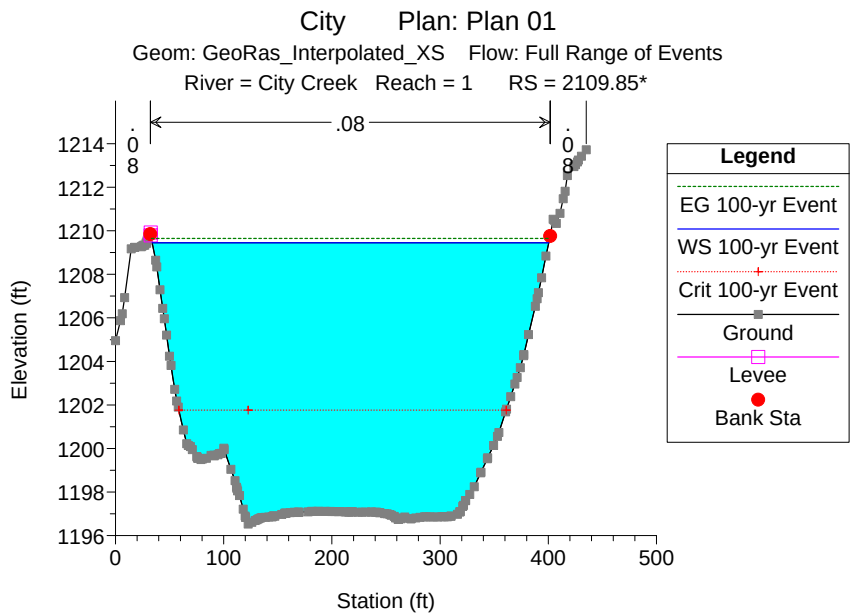

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2368.95*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2346.*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2323.04*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2300.08*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

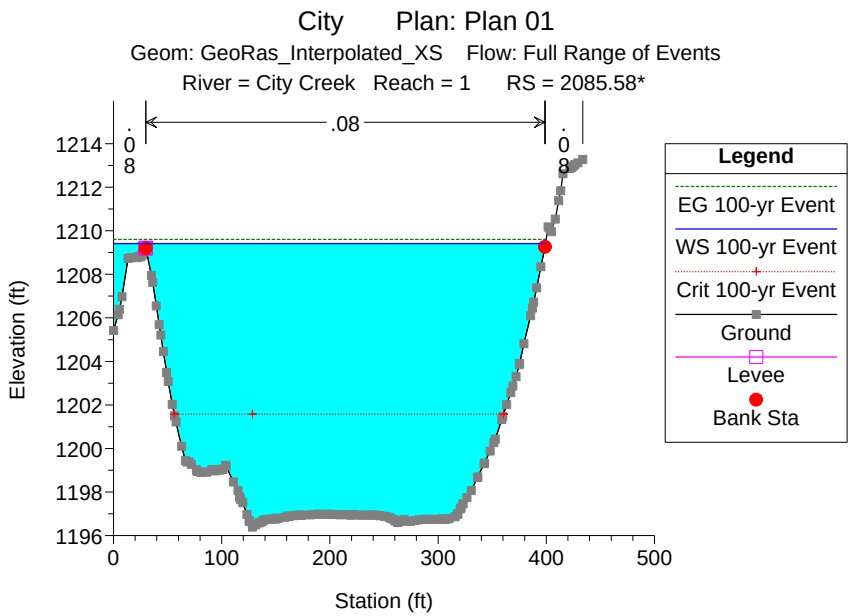

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2277.12*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2254.17*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2231.213
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2206.94*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

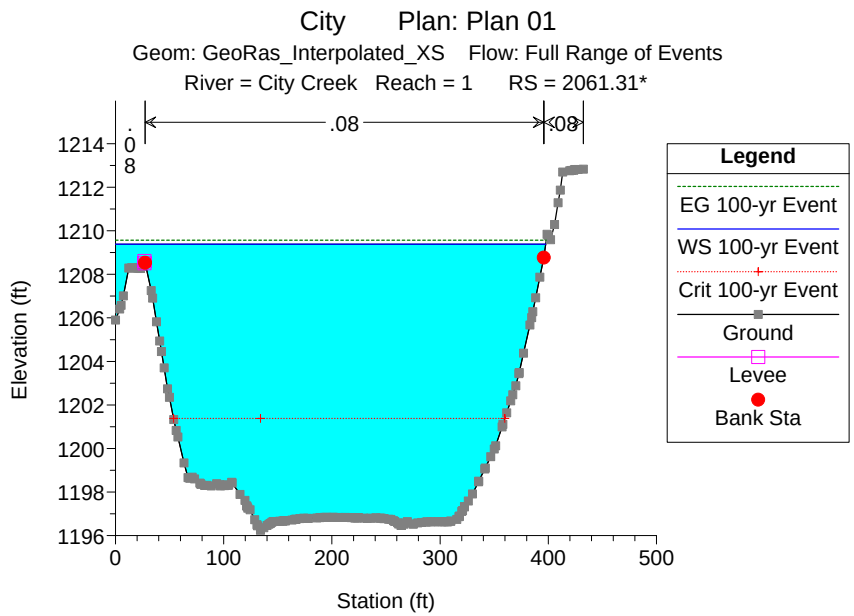

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2182.66*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

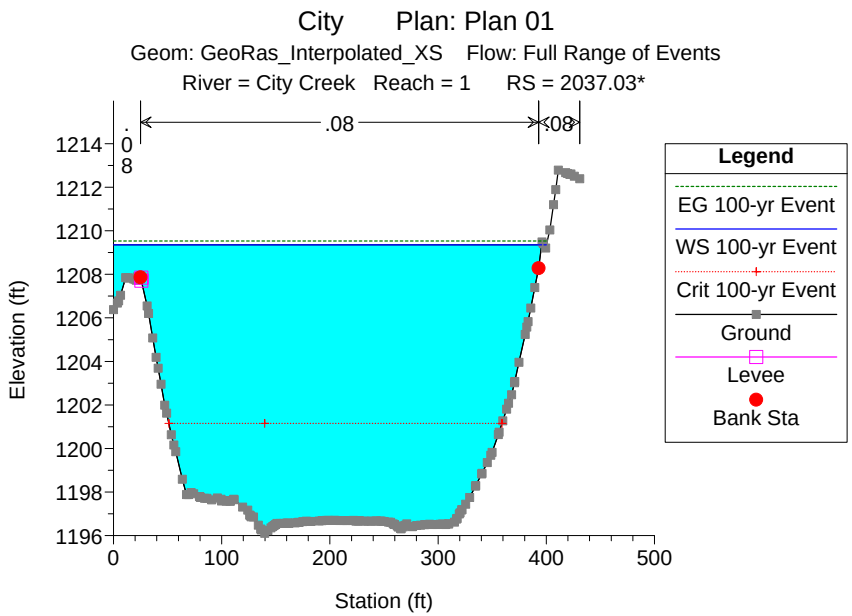

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2158.39*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

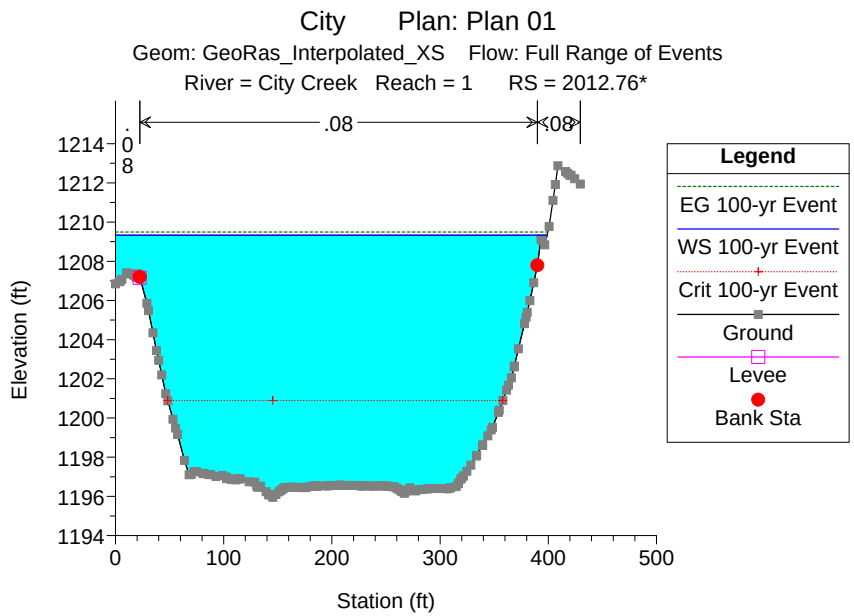

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2134.12*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

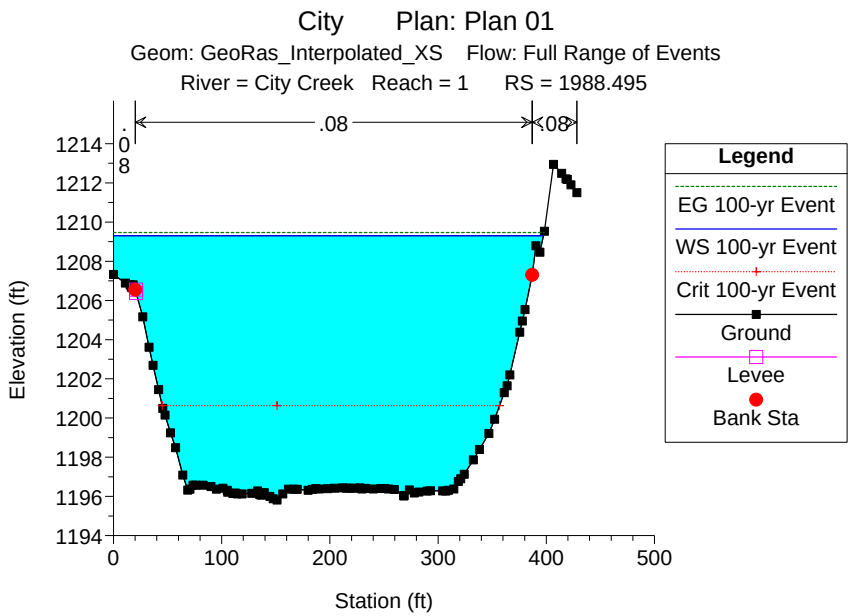

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2109.85*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

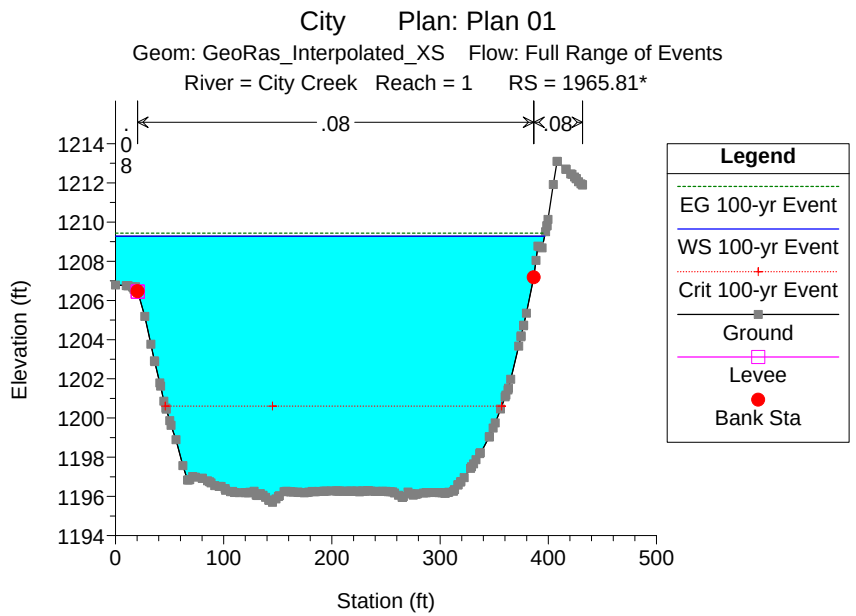

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2085.58*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

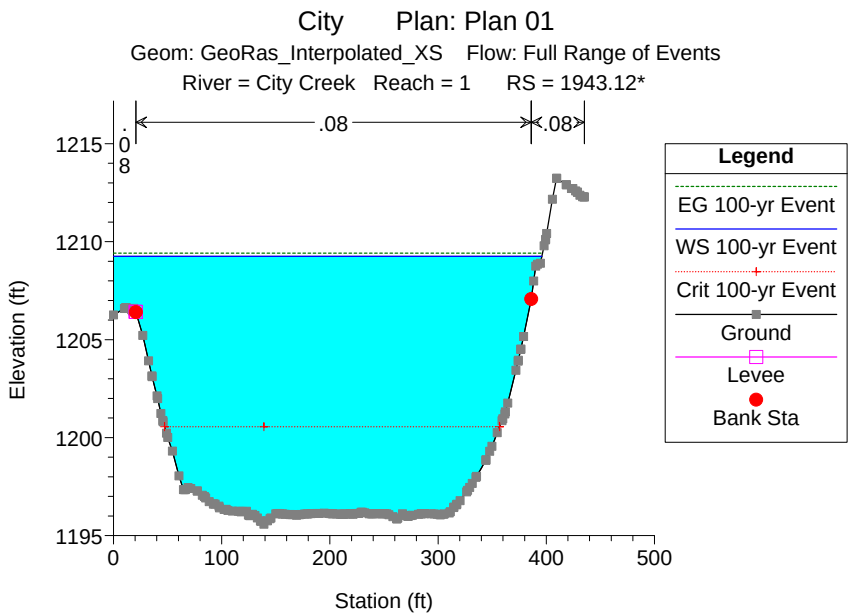

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2061.31*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

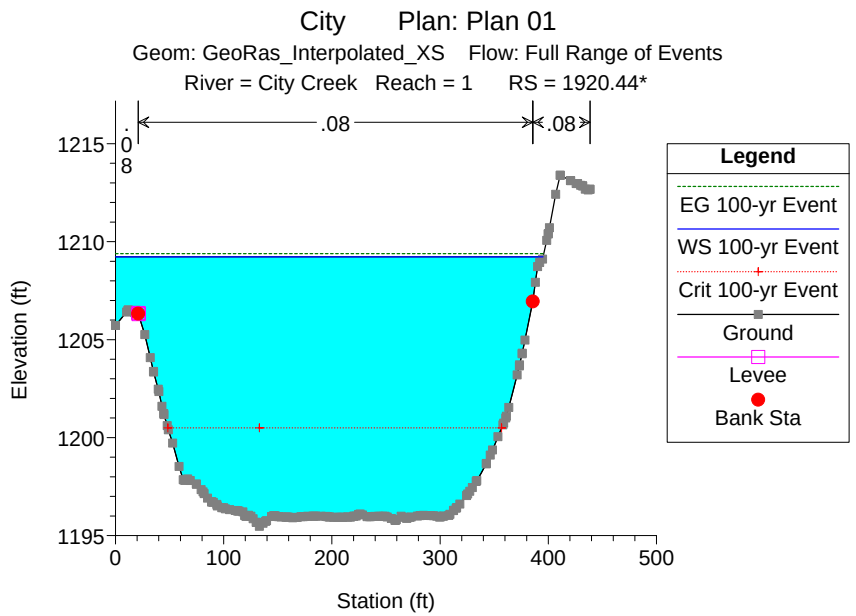

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2037.03*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

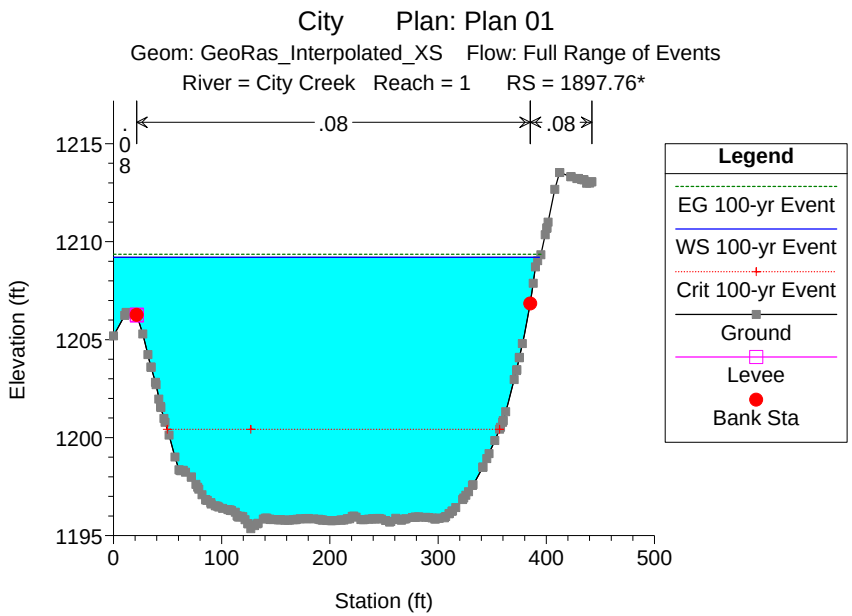

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 2012.76*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

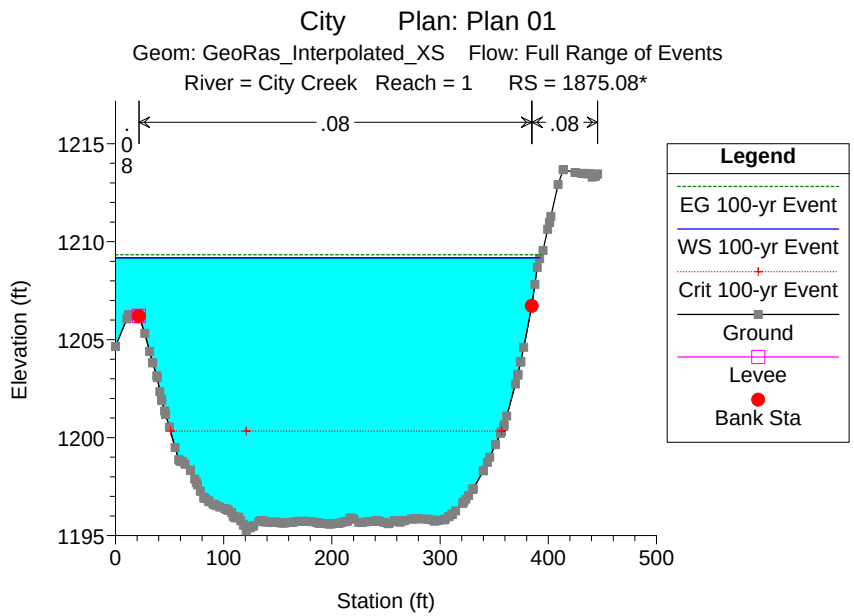

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1988.495
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

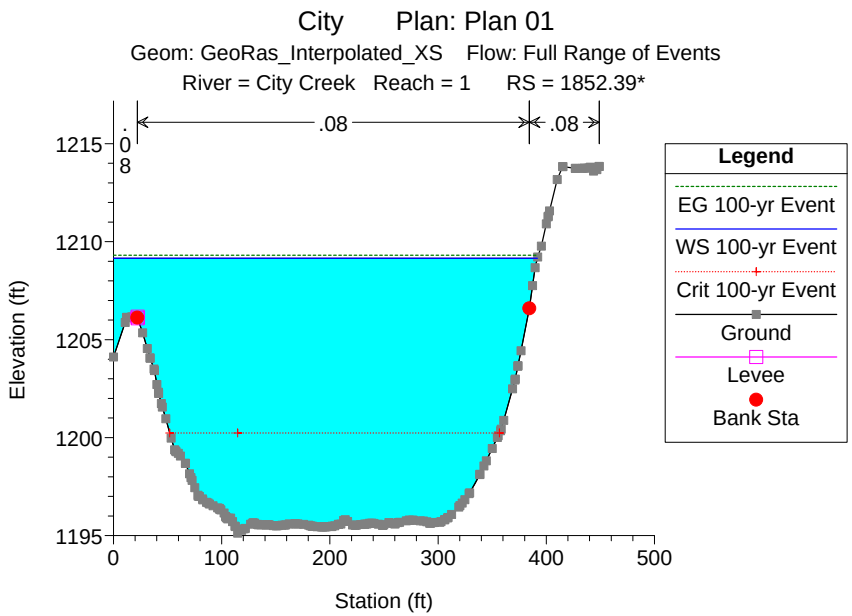

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1965.81*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

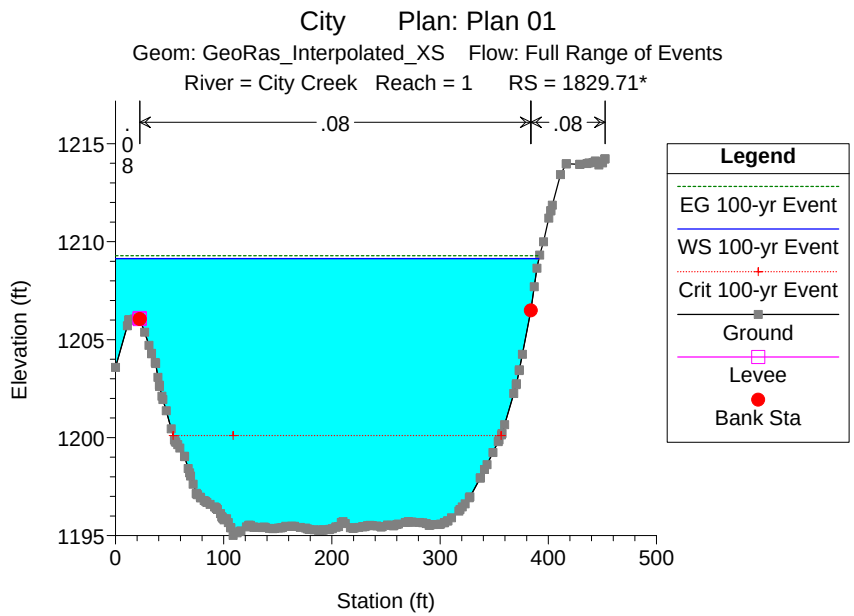

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1943.12*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

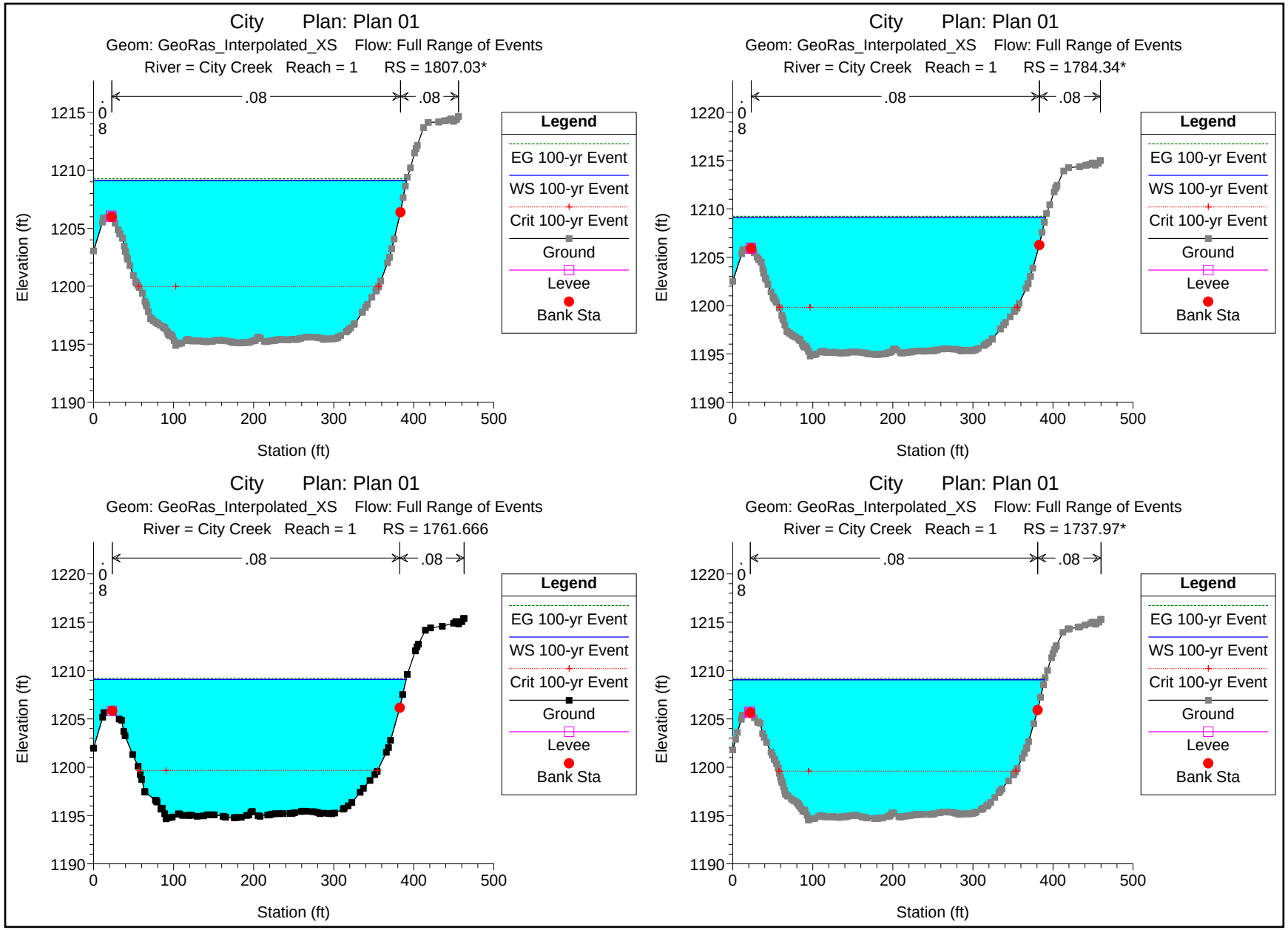

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1920.44*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

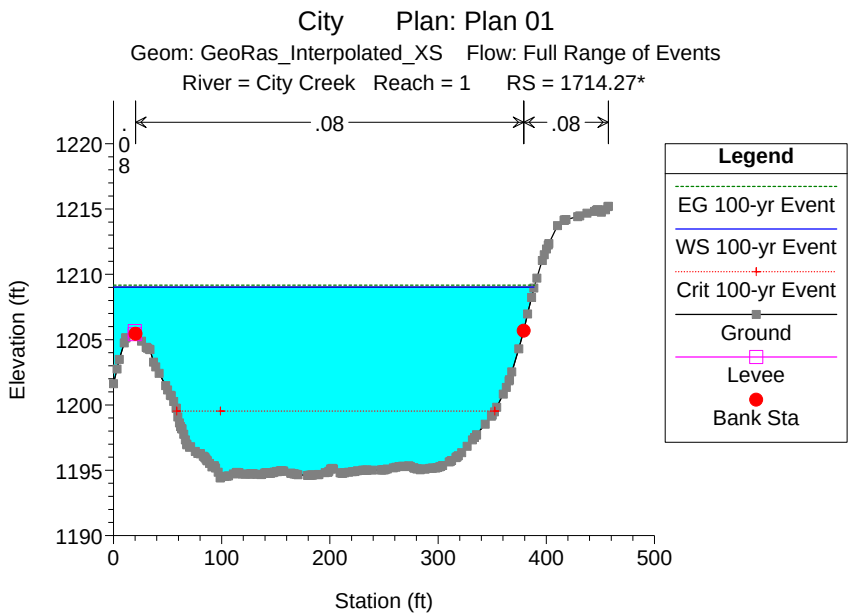

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1897.76*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

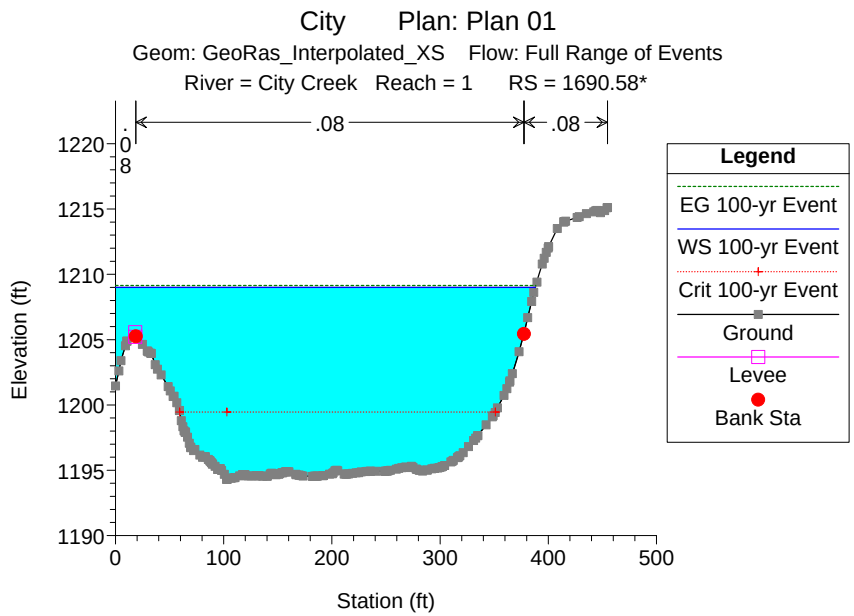

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1875.08*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

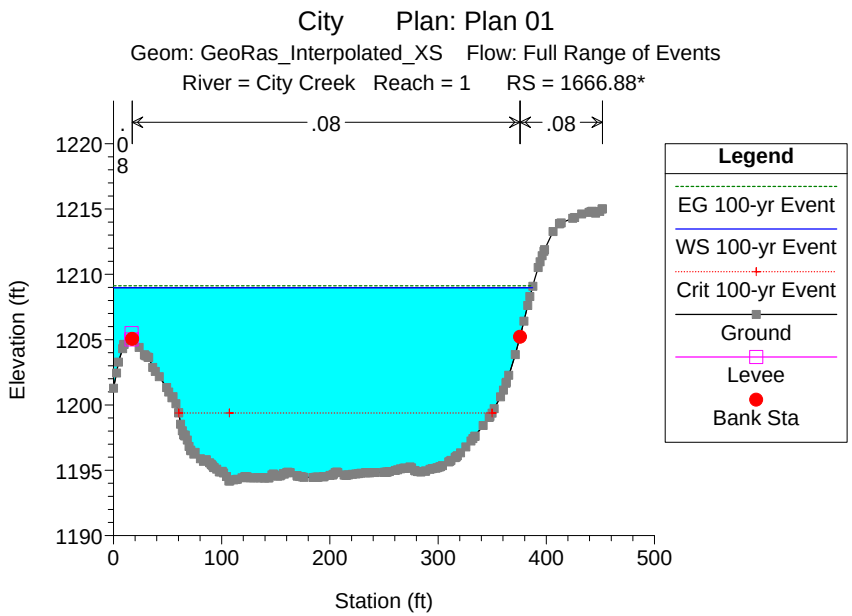

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1852.39*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

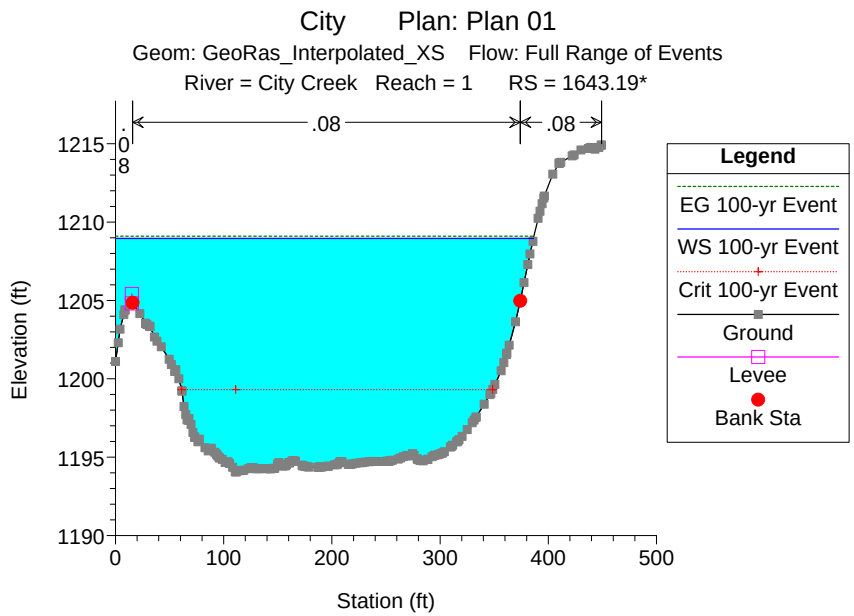

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1829.71*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

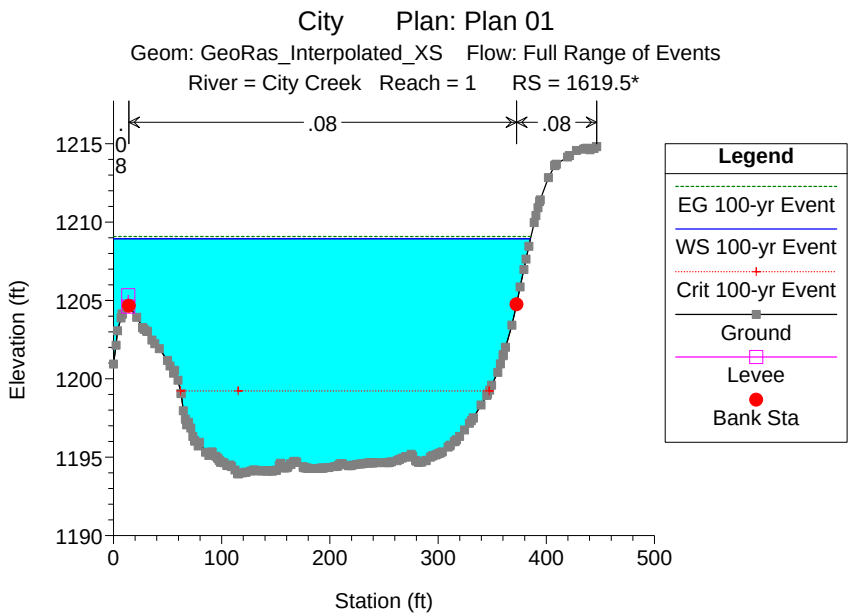

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1807.03*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1784.34*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1761.666
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1737.97*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)
1190
1195
1200
1205
1210
1215
1220
0
100
200
300
400
500

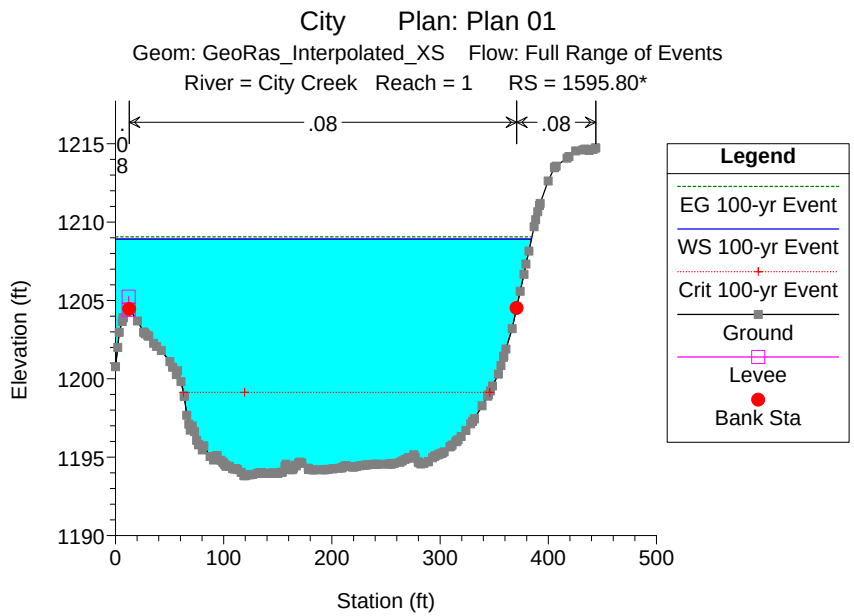

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1714.27*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

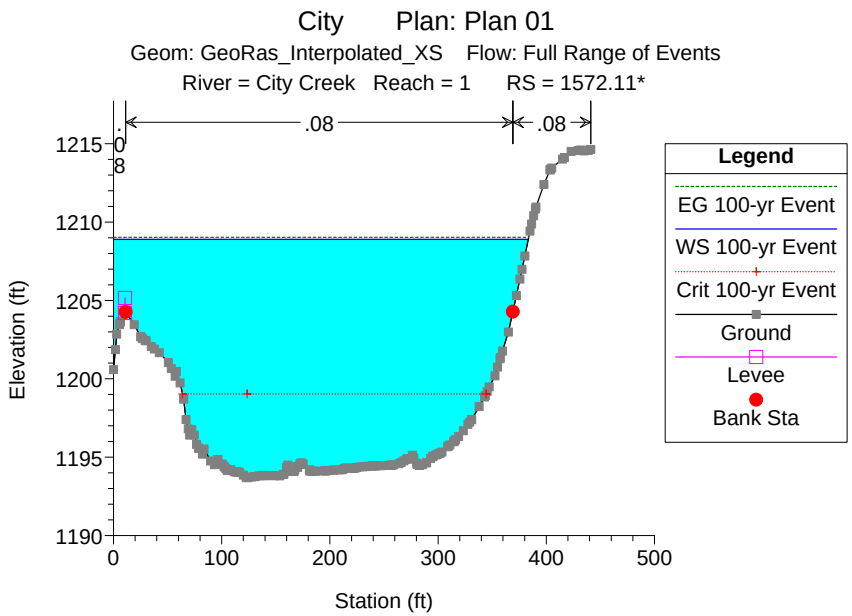

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1690.58*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

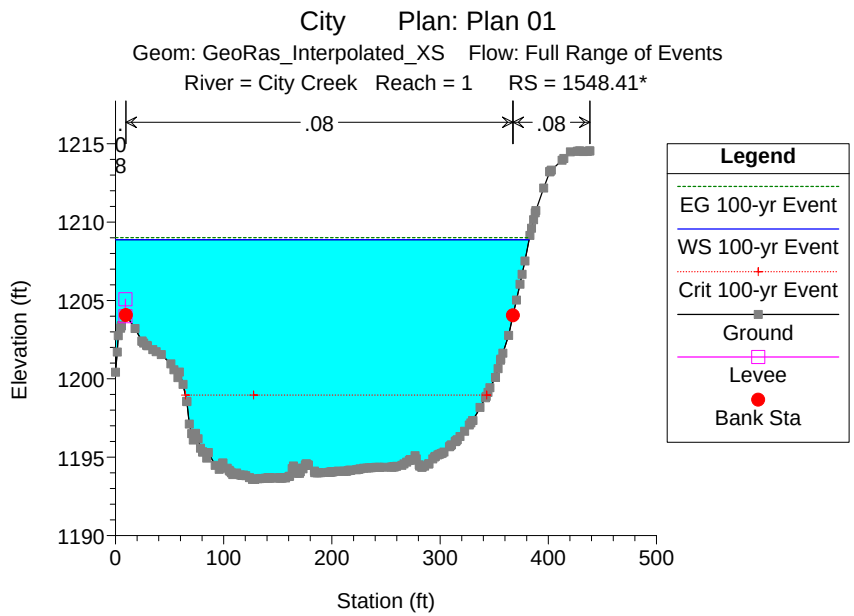

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1666.88*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

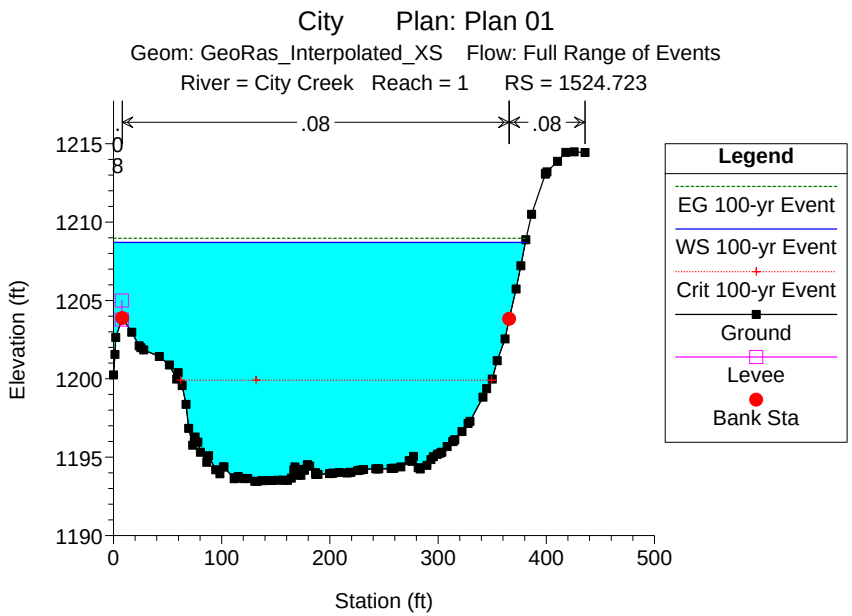

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1643.19*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

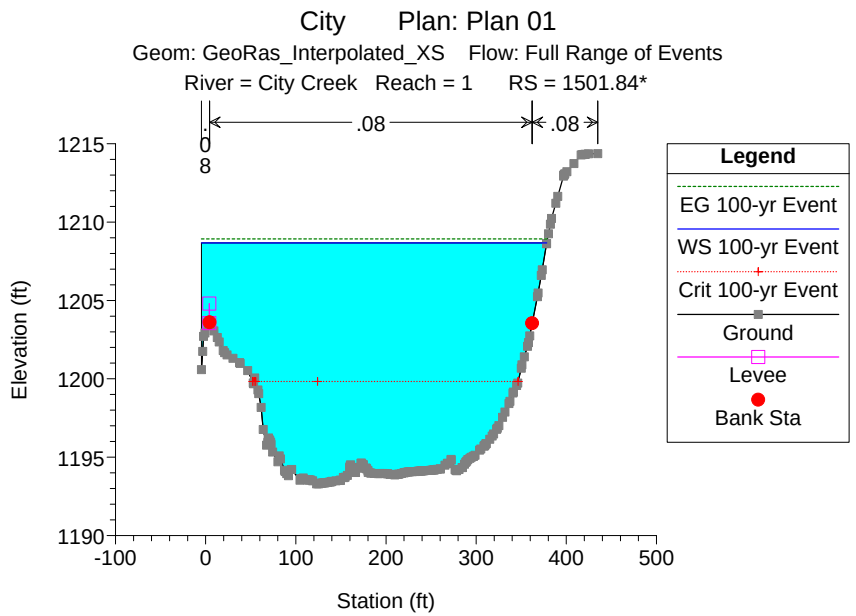

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1619.5*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

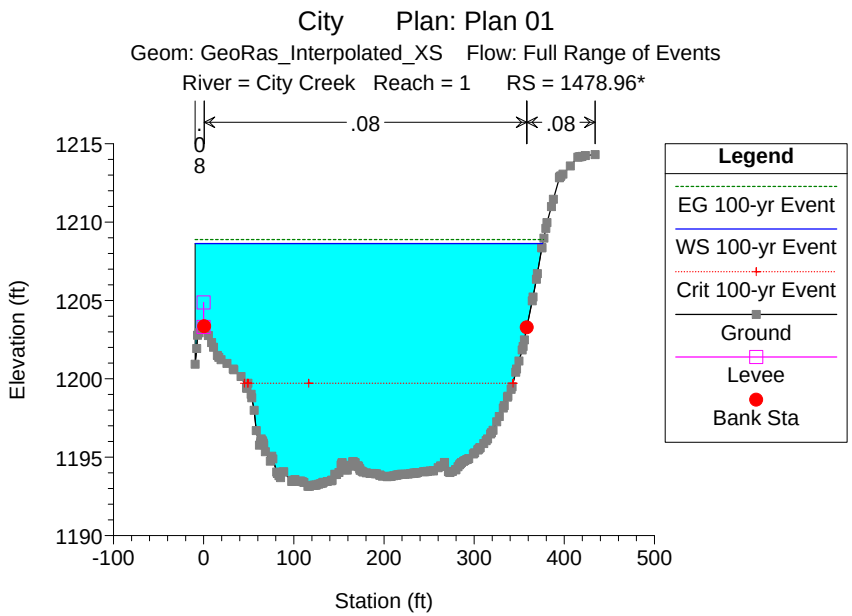

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1595.80*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

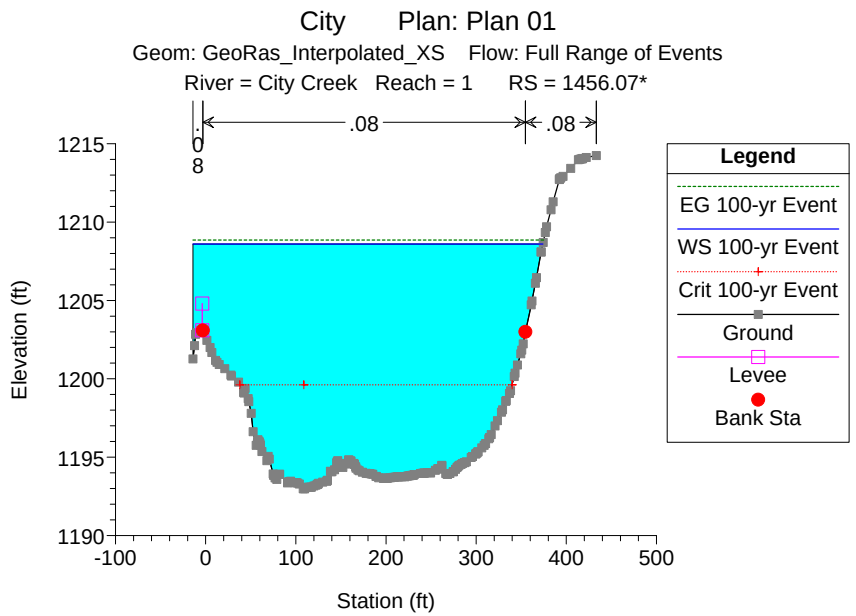

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1572.11*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

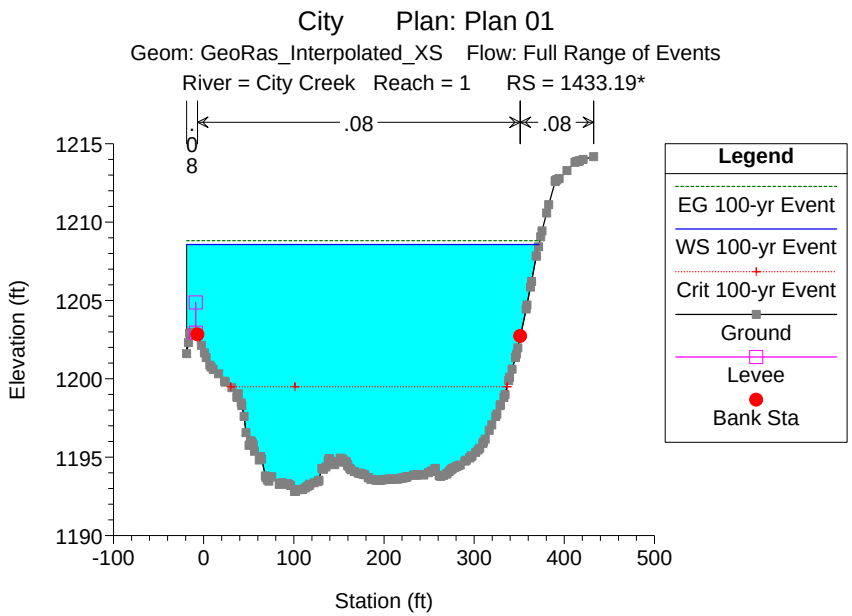

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1548.41*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

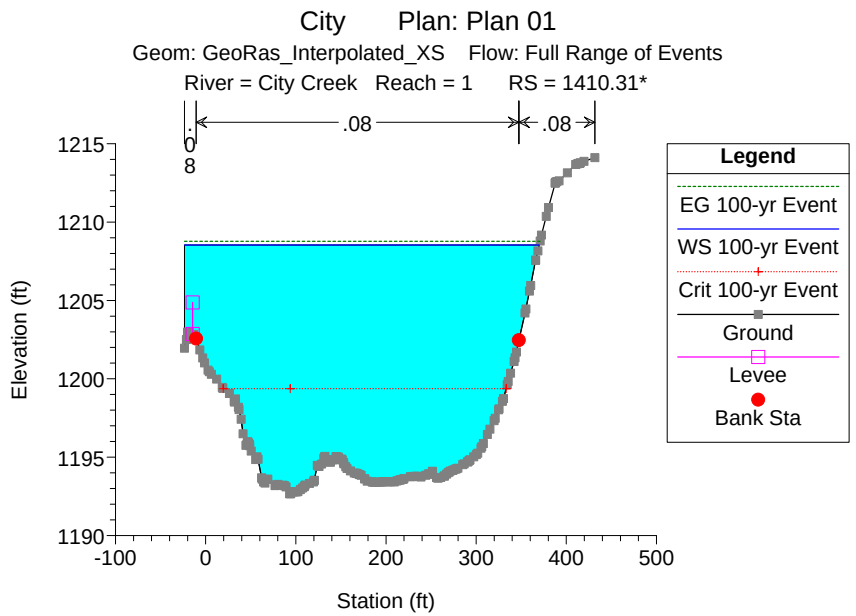

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1524.723
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

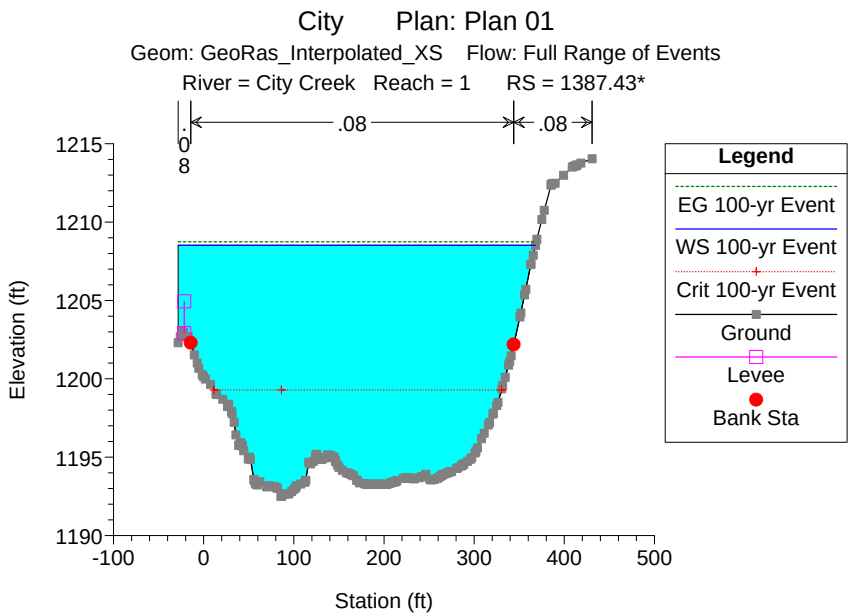

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1501.84*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

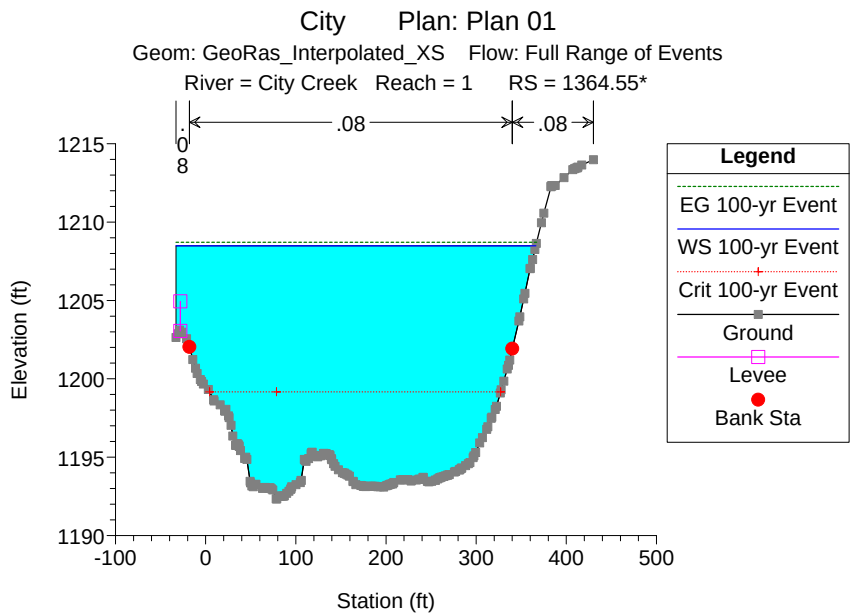

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1478.96*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

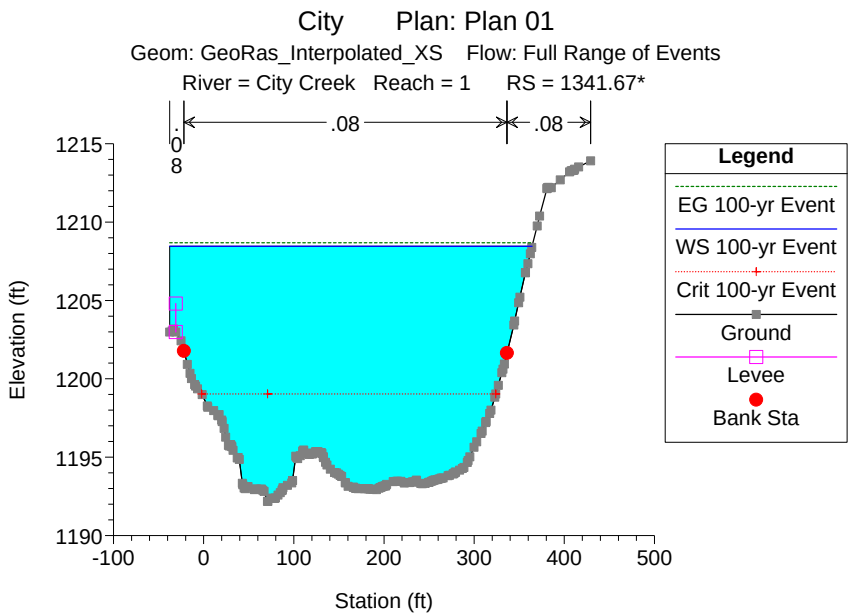

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1456.07*
.08
.08
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

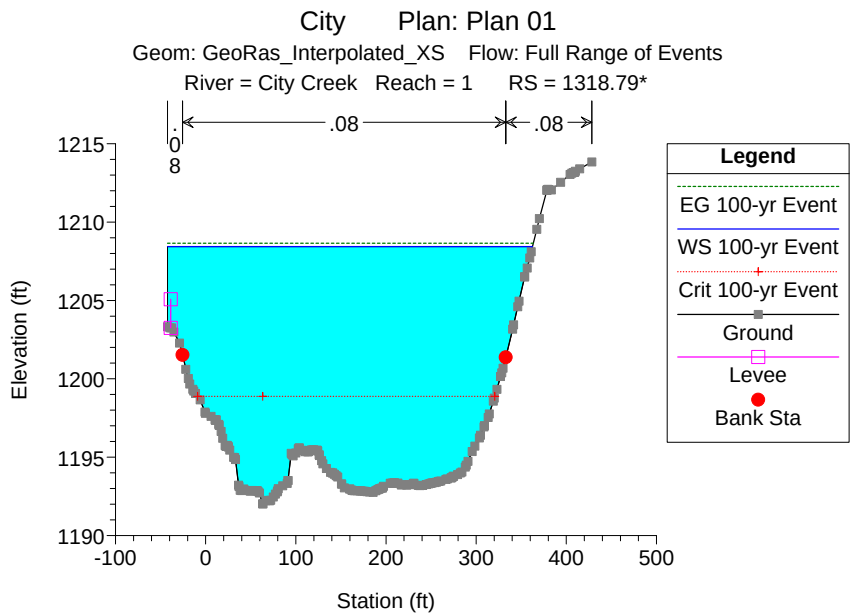

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1433.19*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)
1215
1210
1205
1200
1195
1190
-100
0
100
200
300
400
500

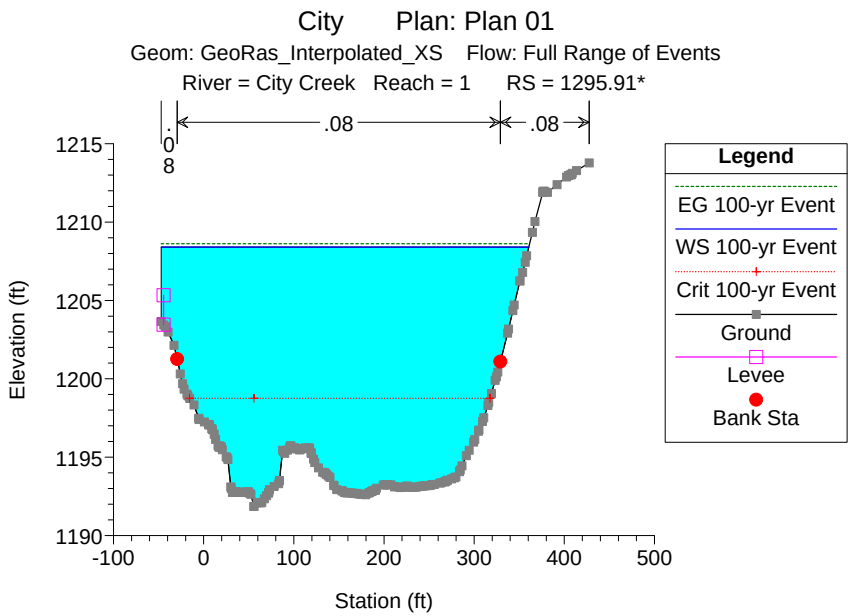

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1410.31*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)
1215
1210
1205
1200
1195
1190
-100
0
100
200
300
400
500

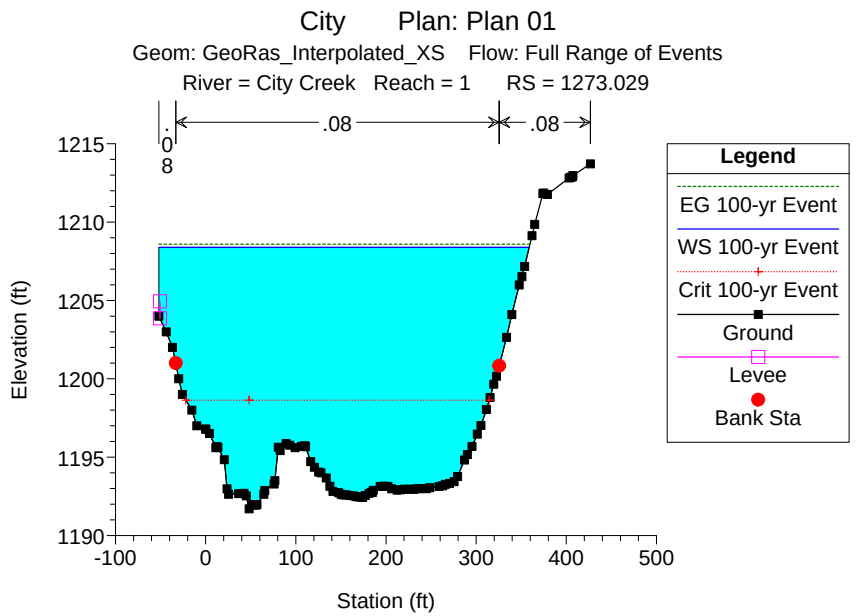

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1387.43*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)
1215
1210
1205
1200
1195
1190
-100
0
100
200
300
400
500

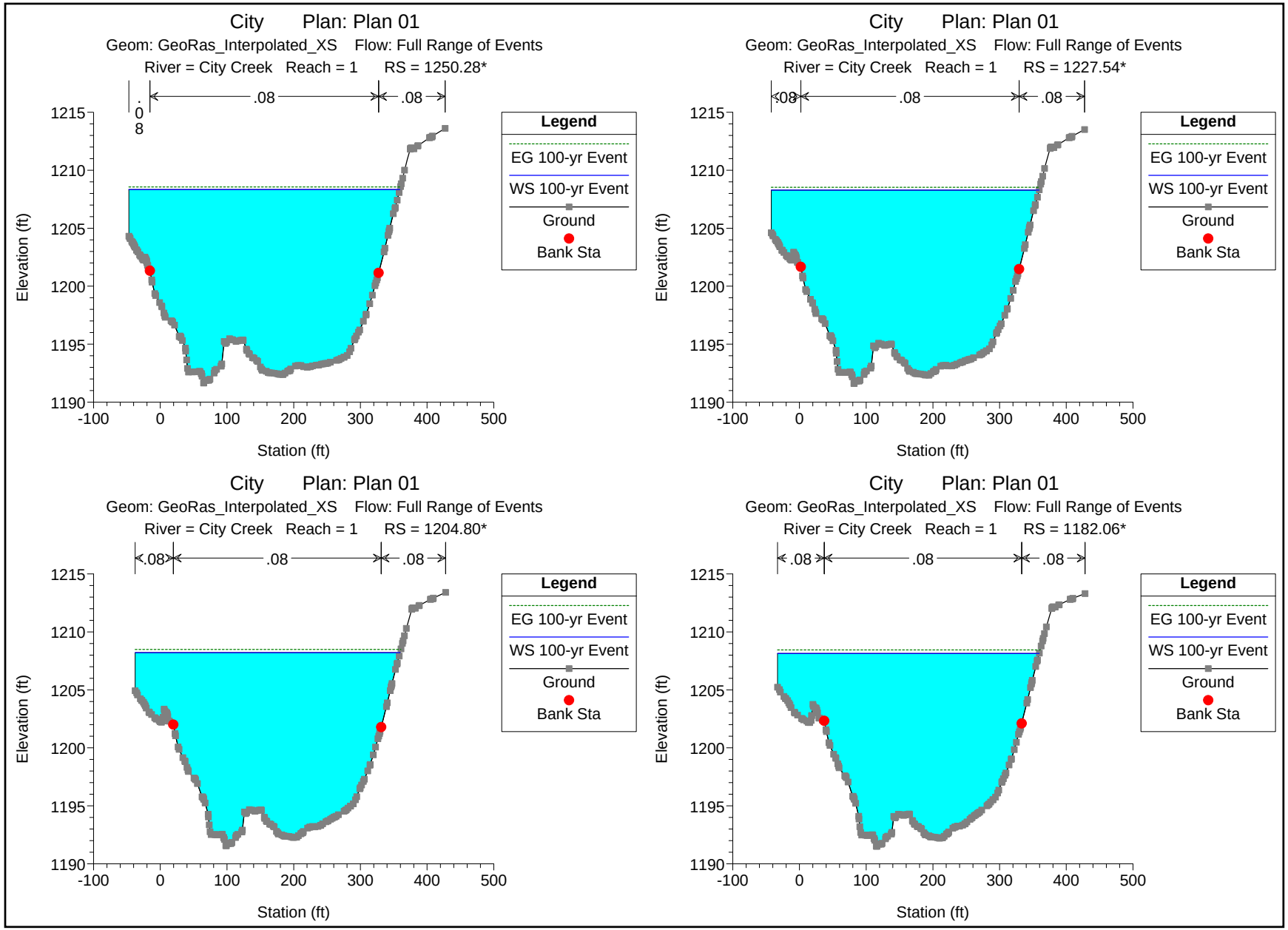

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1364.55*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)
1215
1210
1205
1200
1195
1190
-100
0
100
200
300
400
500

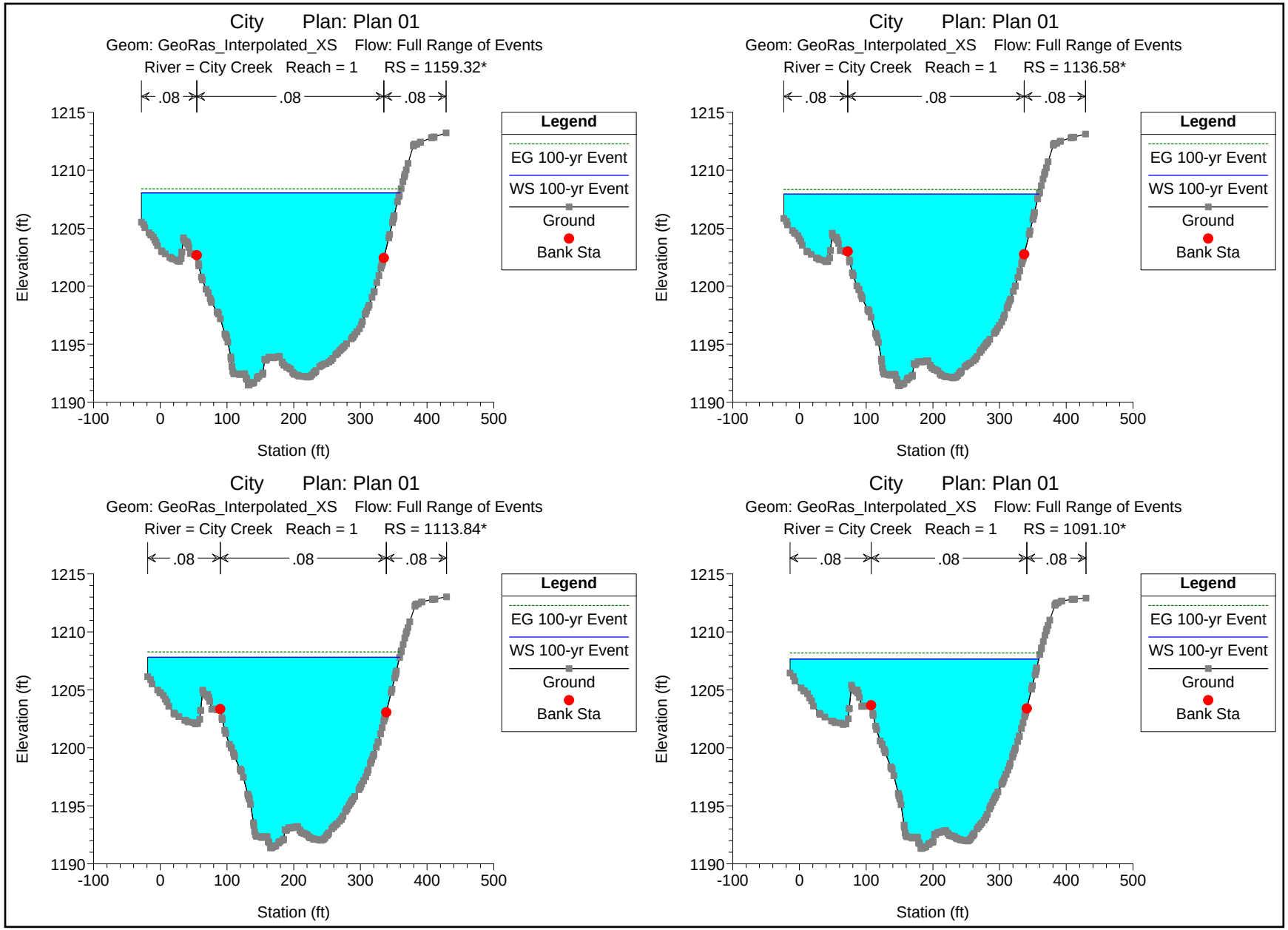

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1341.67*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)

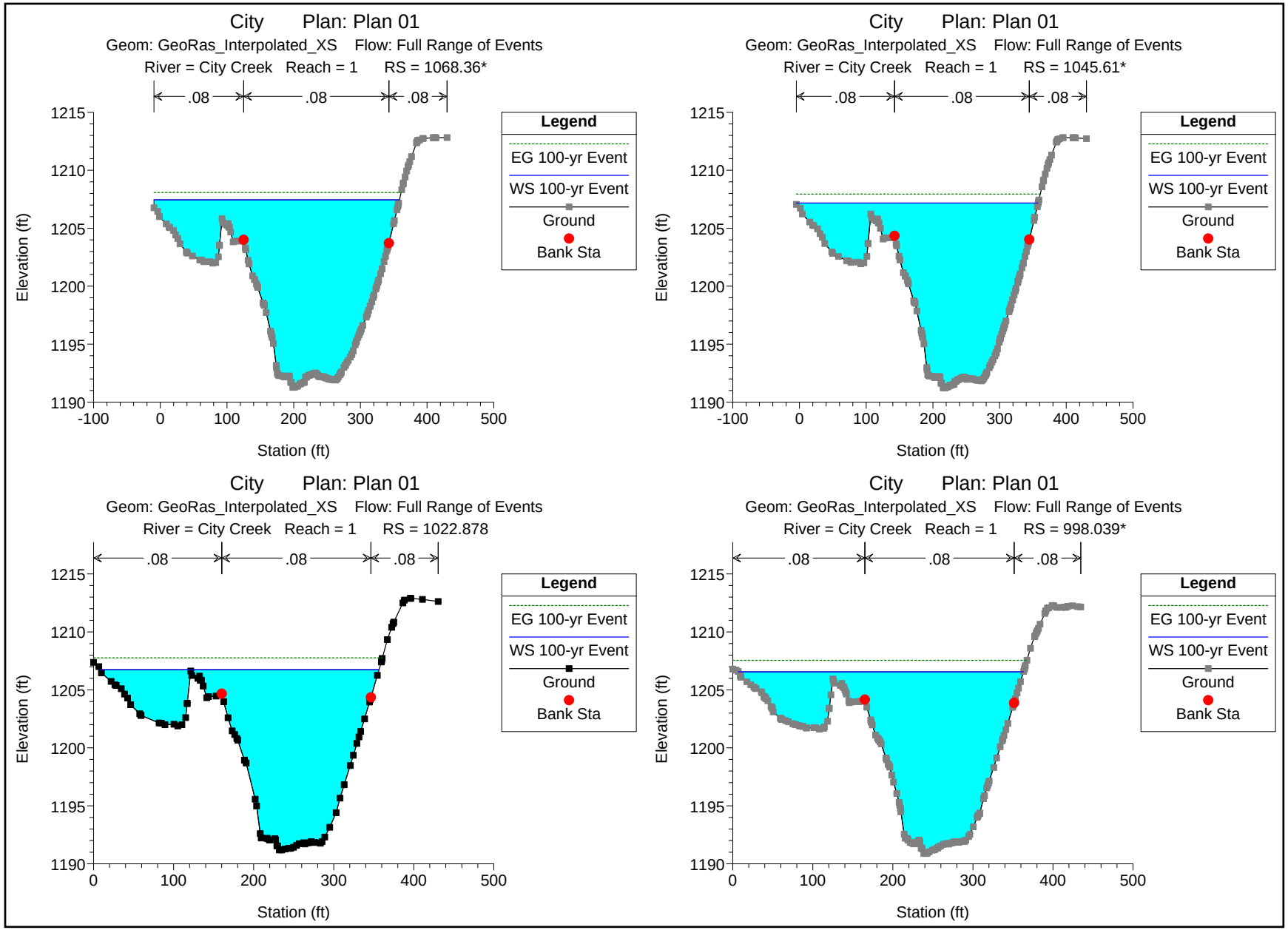

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1318.79*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)

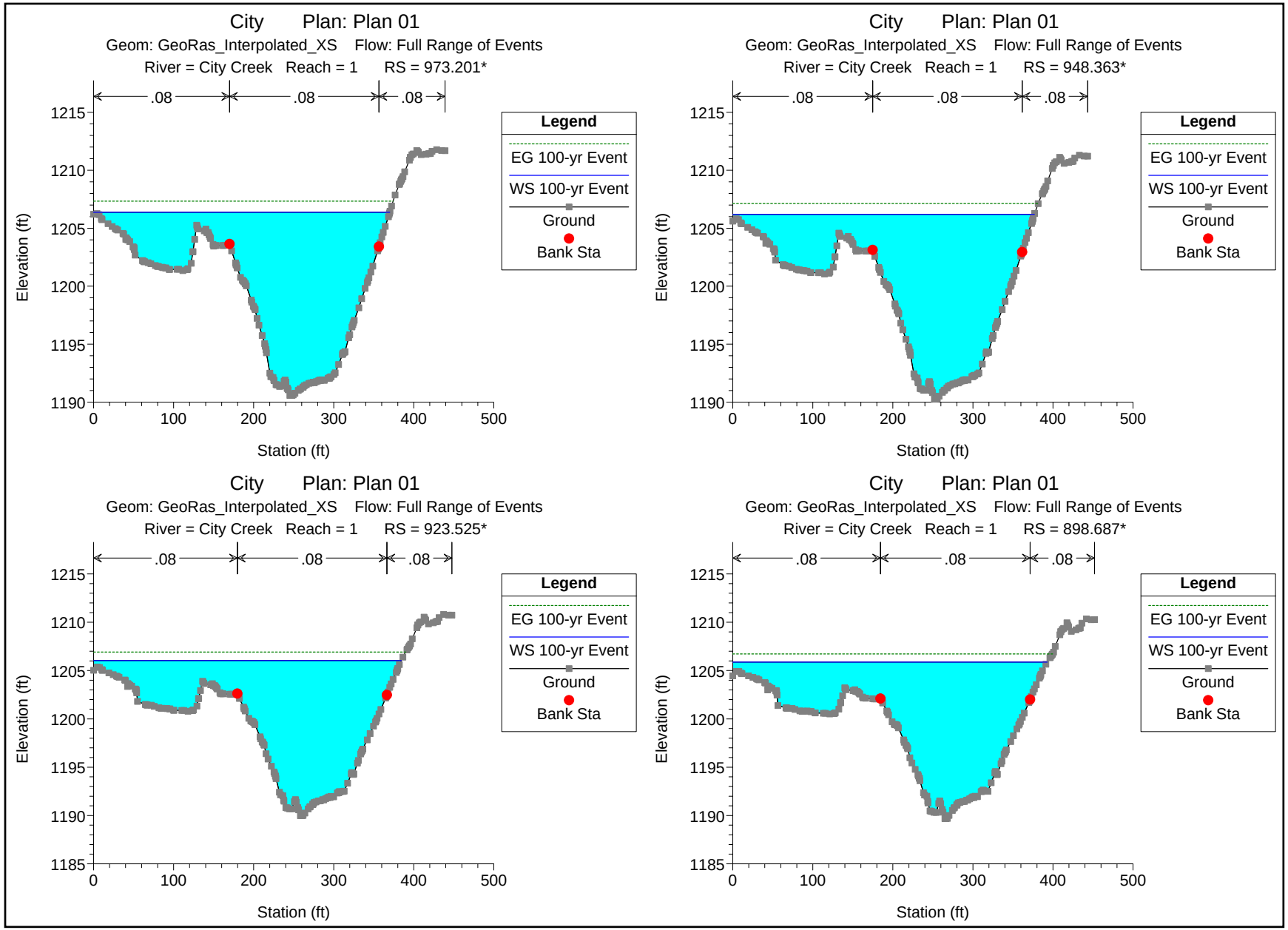

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1295.91*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)

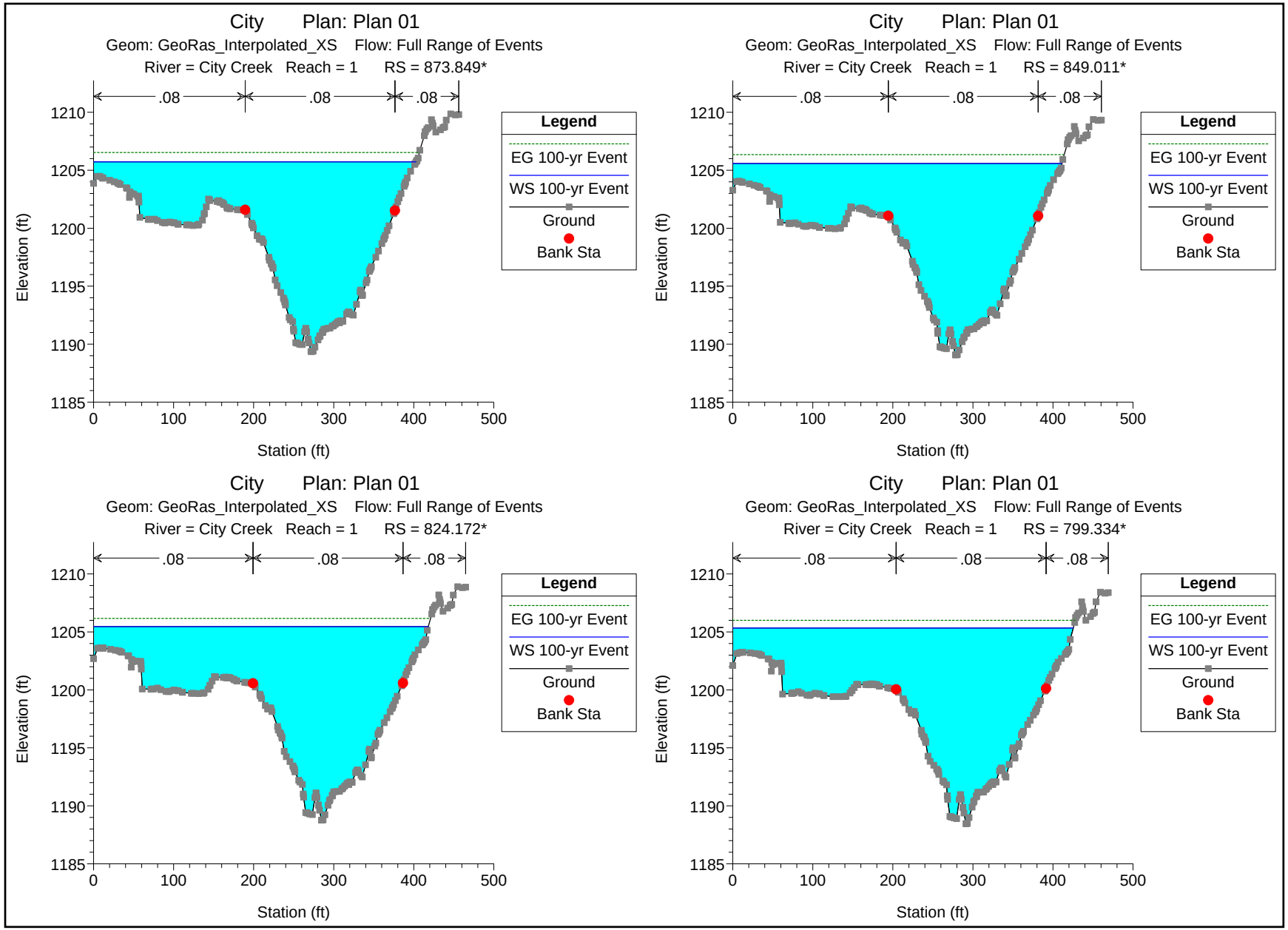

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1273.029
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta
Elevation (ft)
Station (ft)

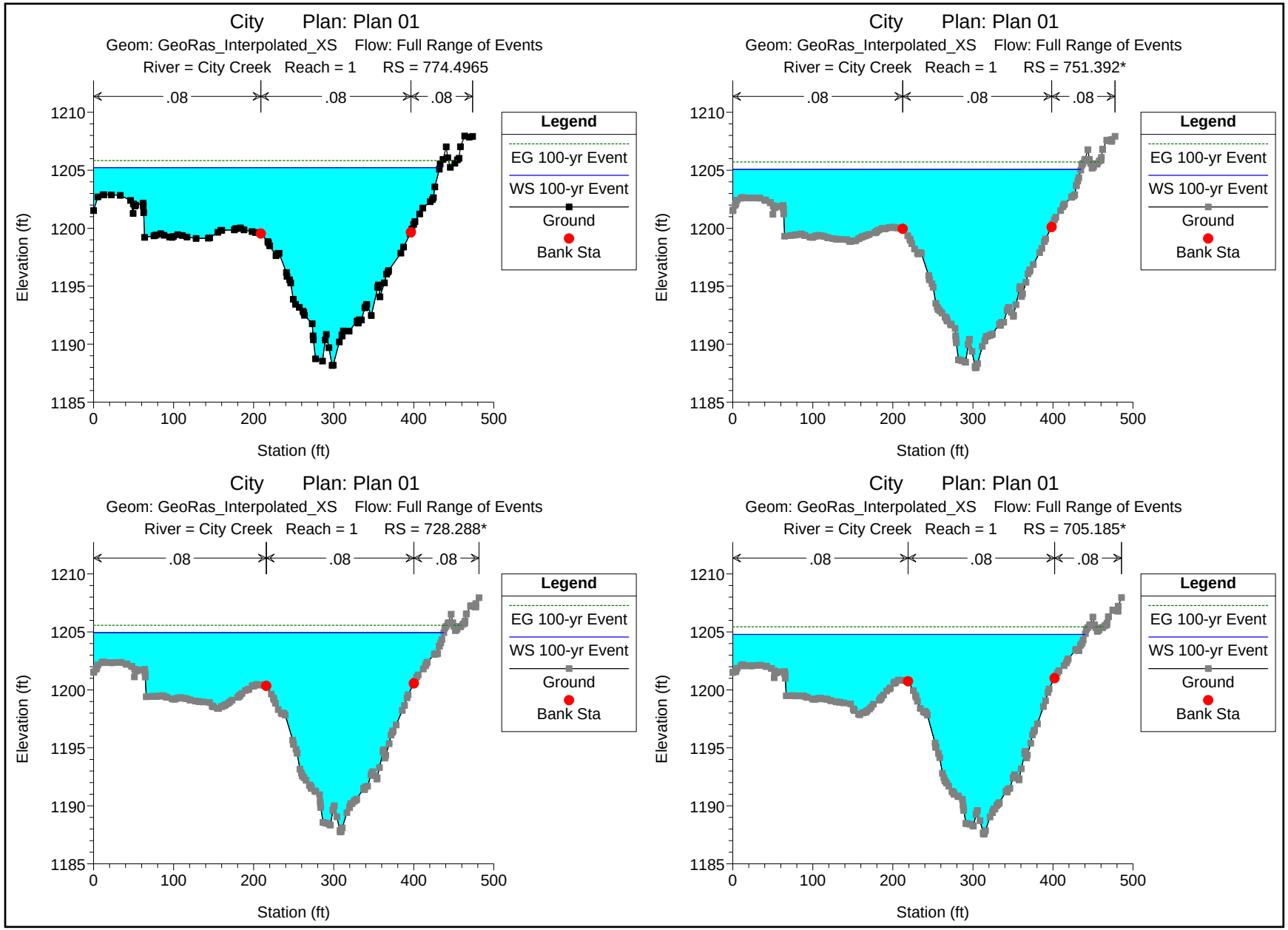

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1250.28*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1227.54*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1204.80*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1182.06*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

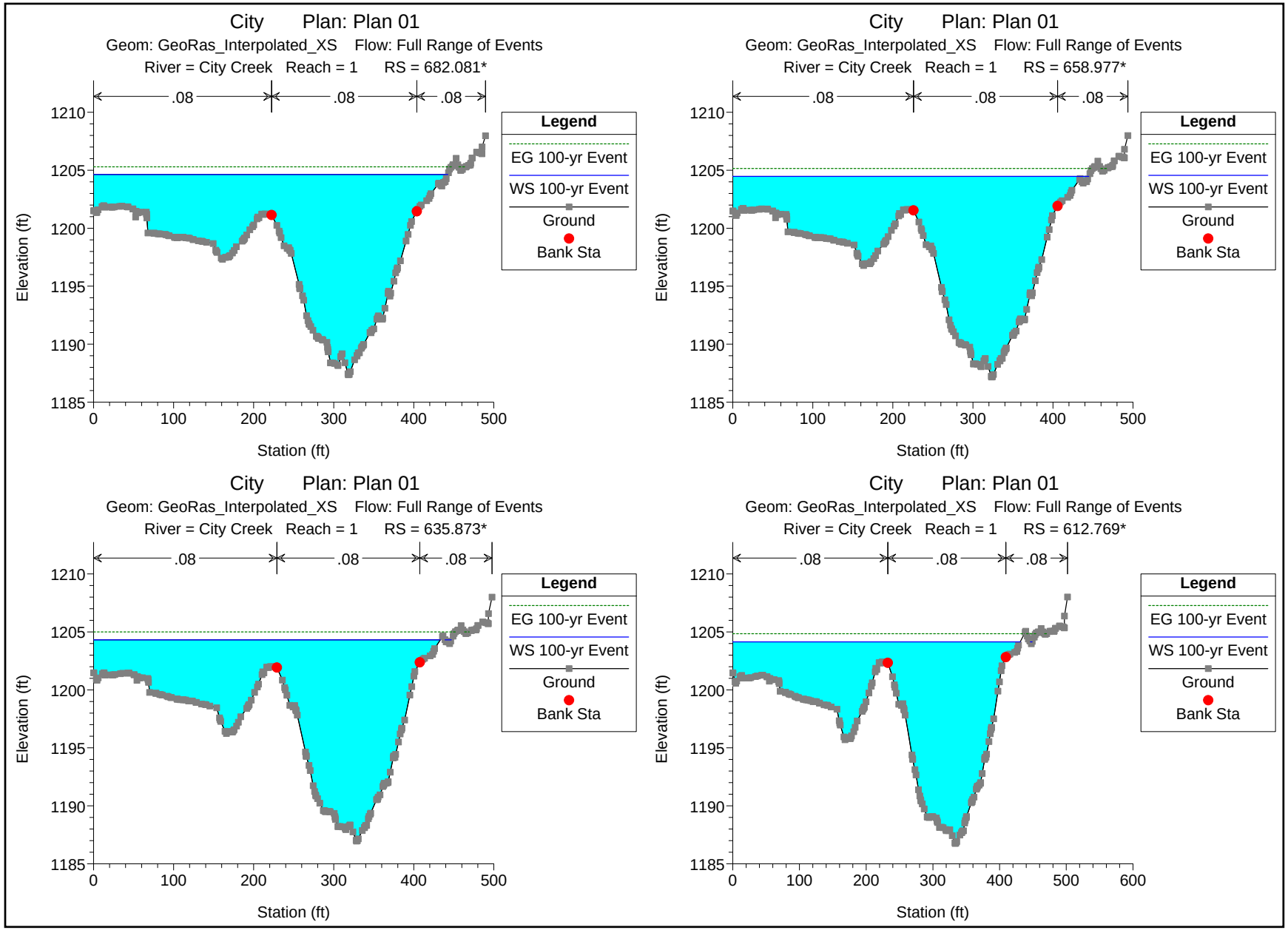

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1159.32*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1136.58*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1113.84*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1091.10*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

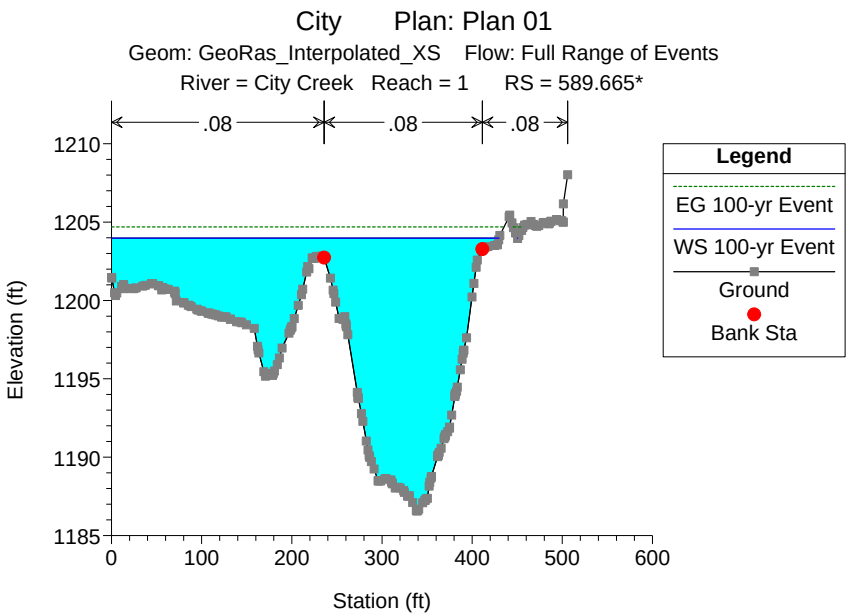

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1068.36*
.08 .08 .08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1045.61*
.08 .08 .08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 1022.878
.08 .08 .08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 998.039*
.08 .08 .08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

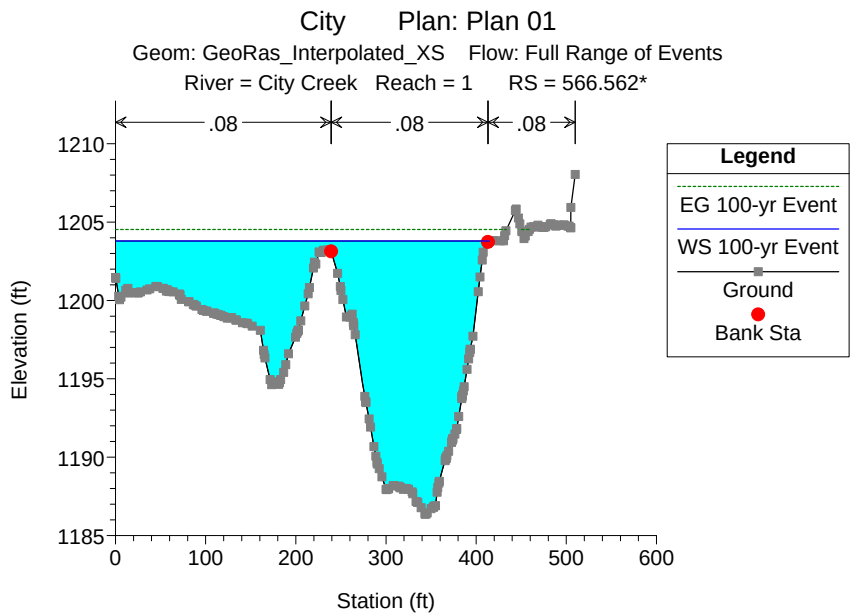

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 973.201*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 948.363*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 923.525*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 898.687*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

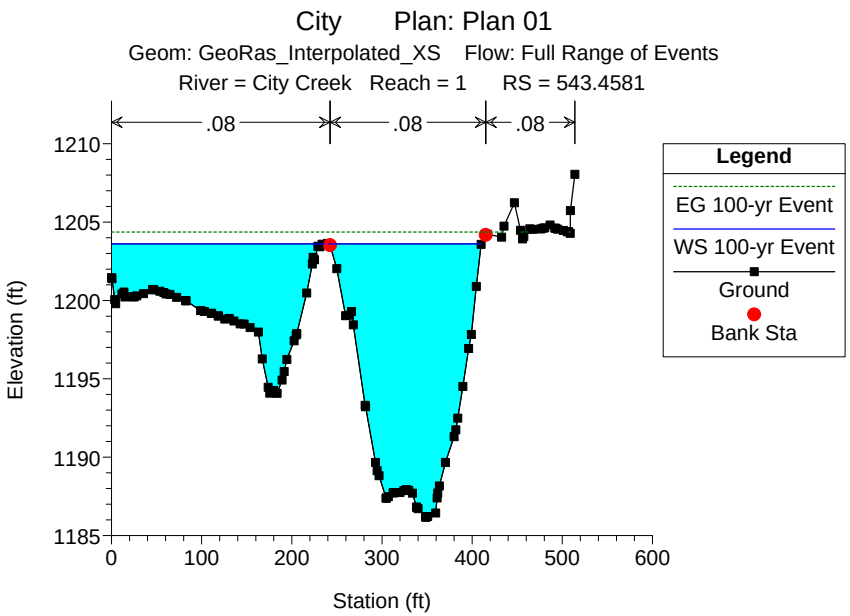

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 873.849*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
1210
1205
1200
1195
1190
1185
0
100
200
300
400
500
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 849.011*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
1210
1205
1200
1195
1190
1185
0
100
200
300
400
500
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 824.172*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
1210
1205
1200
1195
1190
1185
0
100
200
300
400
500
Station (ft)
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 799.334*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
1210
1205
1200
1195
1190
1185
0
100
200
300
400
500
Station (ft)

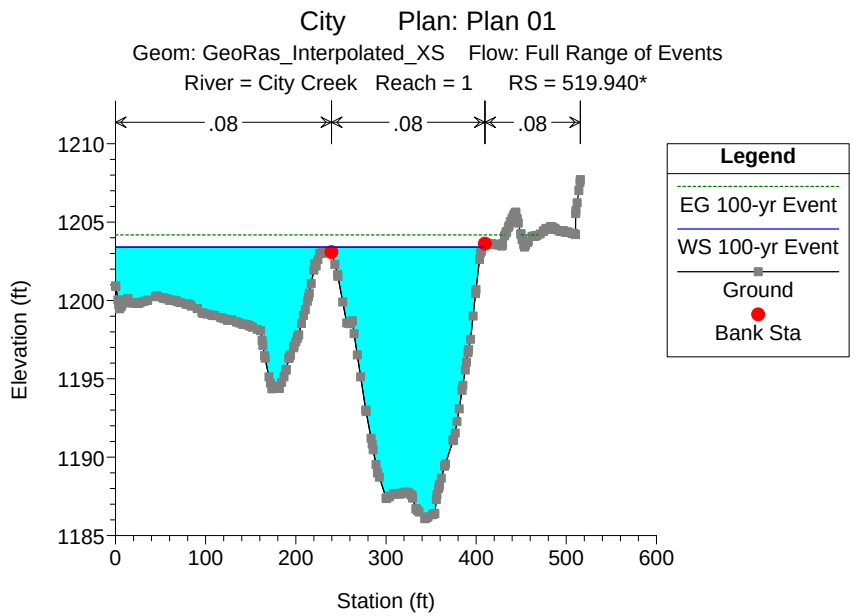

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 774.4965
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 751.392*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 728.288*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 705.185*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
1210
1205
1200
1195
1190
1185
0
100
200
300
400
500
Station (ft)

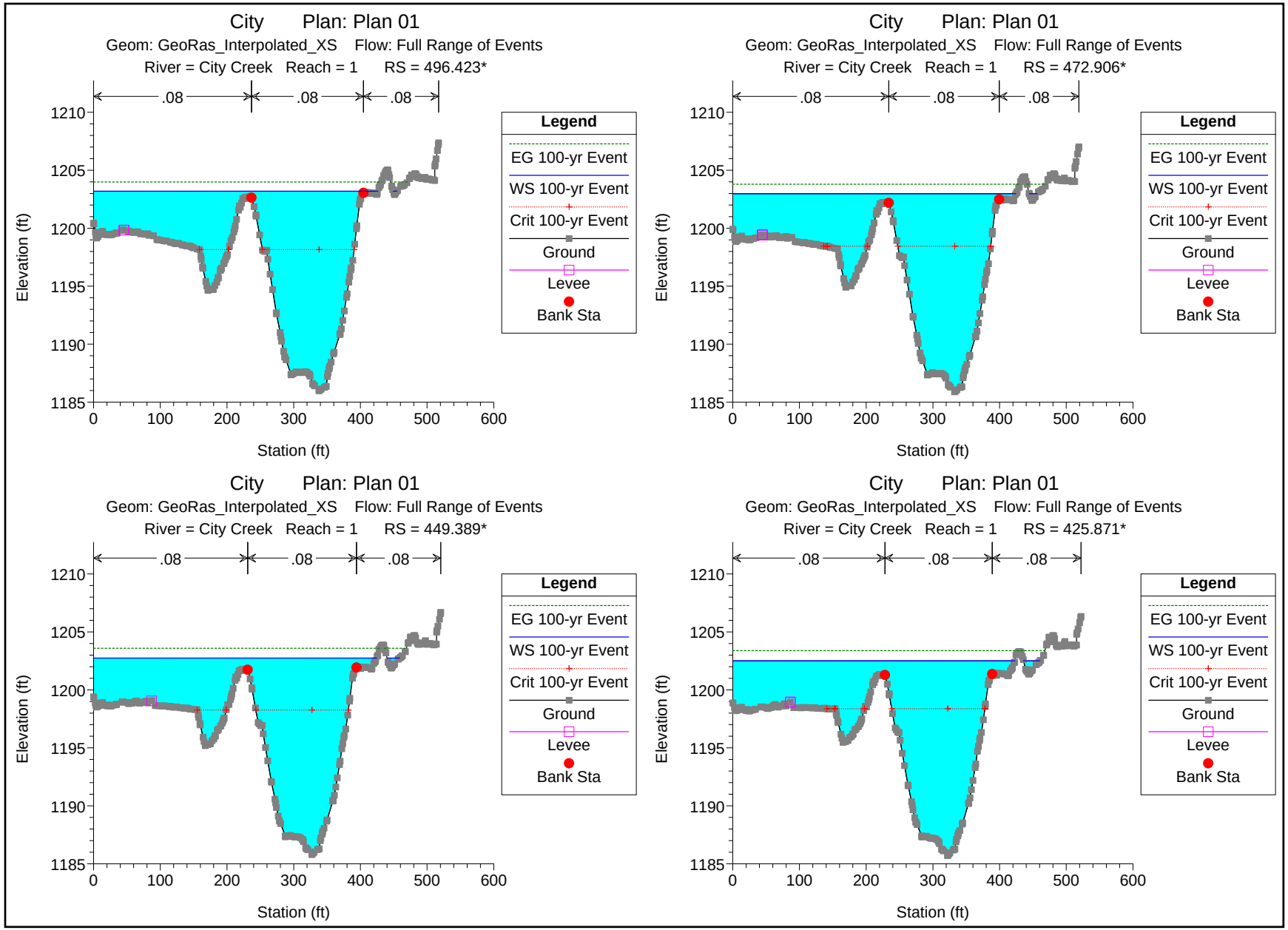

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 682.081*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 658.977*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 635.873*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 612.769*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)
1210
1205
1200
1195
1190
1185
0
100
200
300
400
500
600

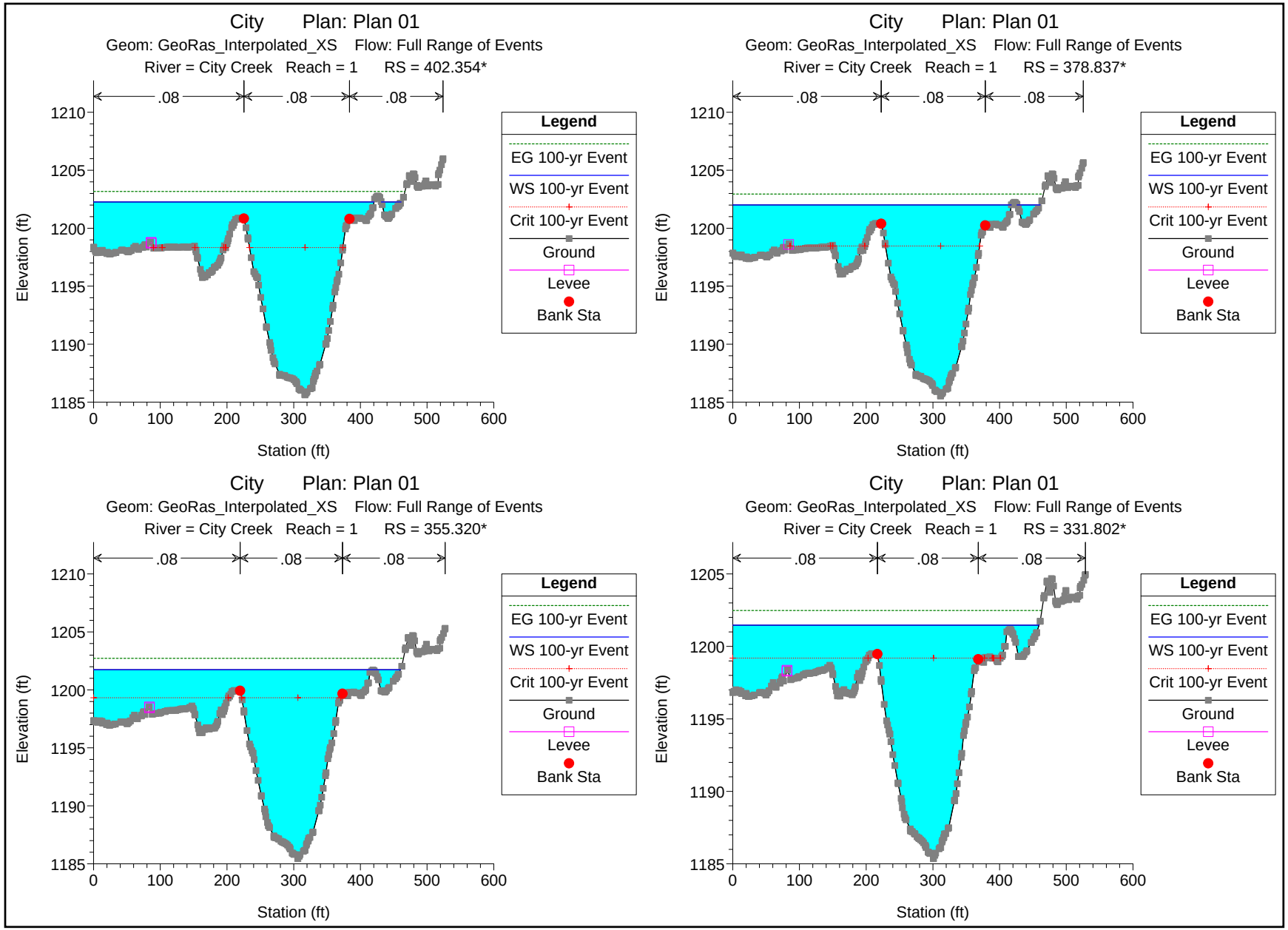

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 589.665*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

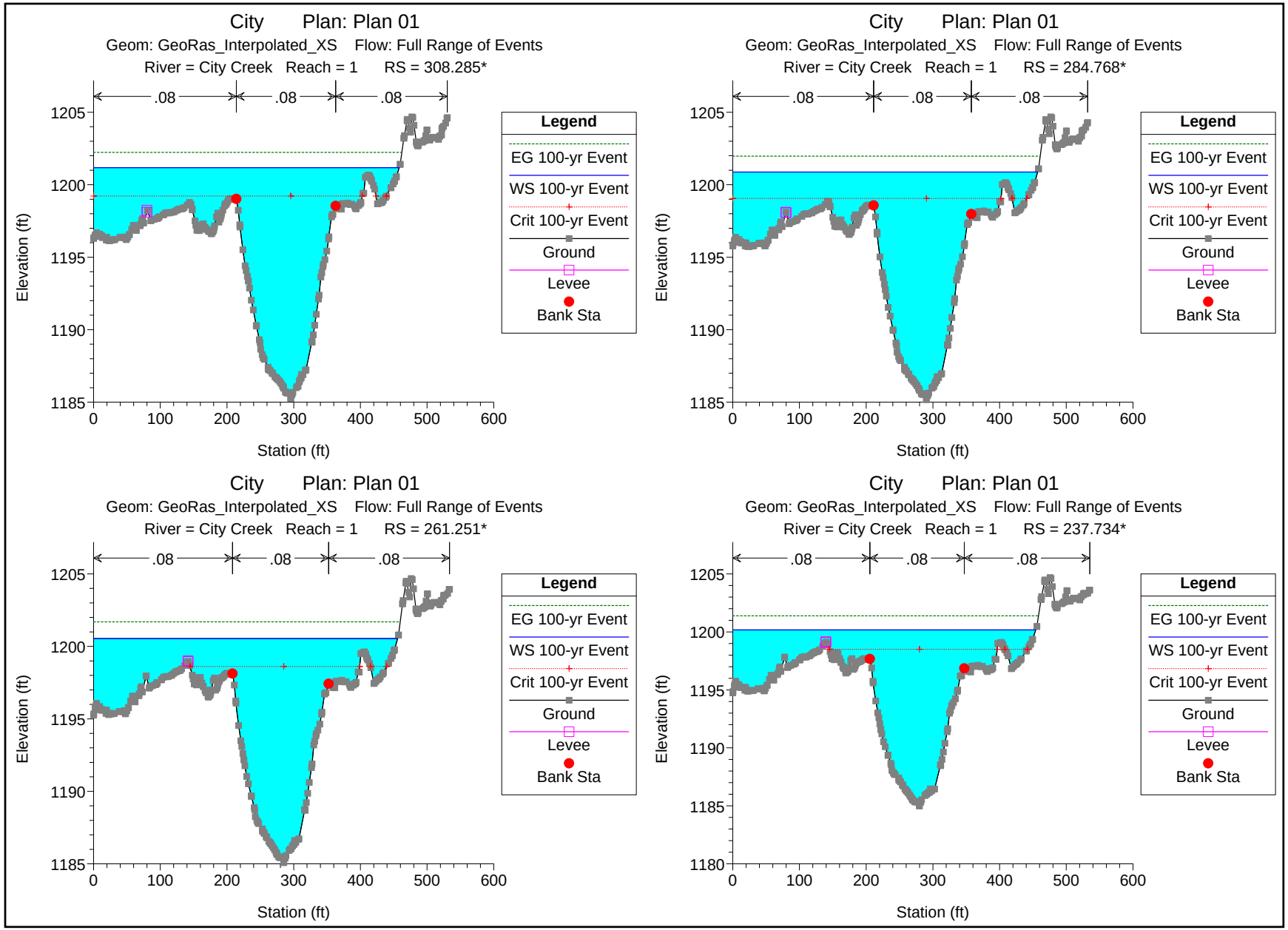

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 566.562*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

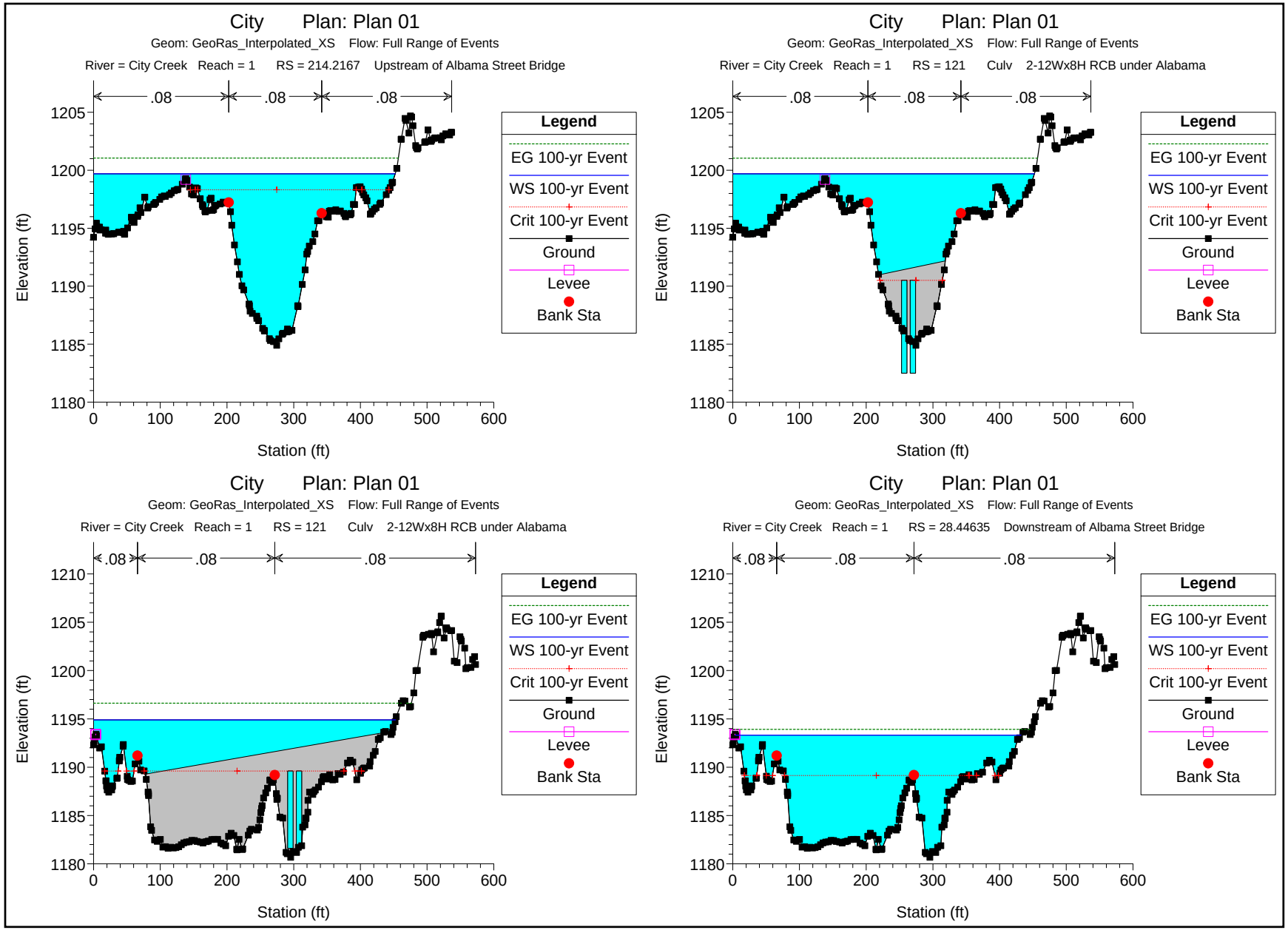

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 543.4581
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)

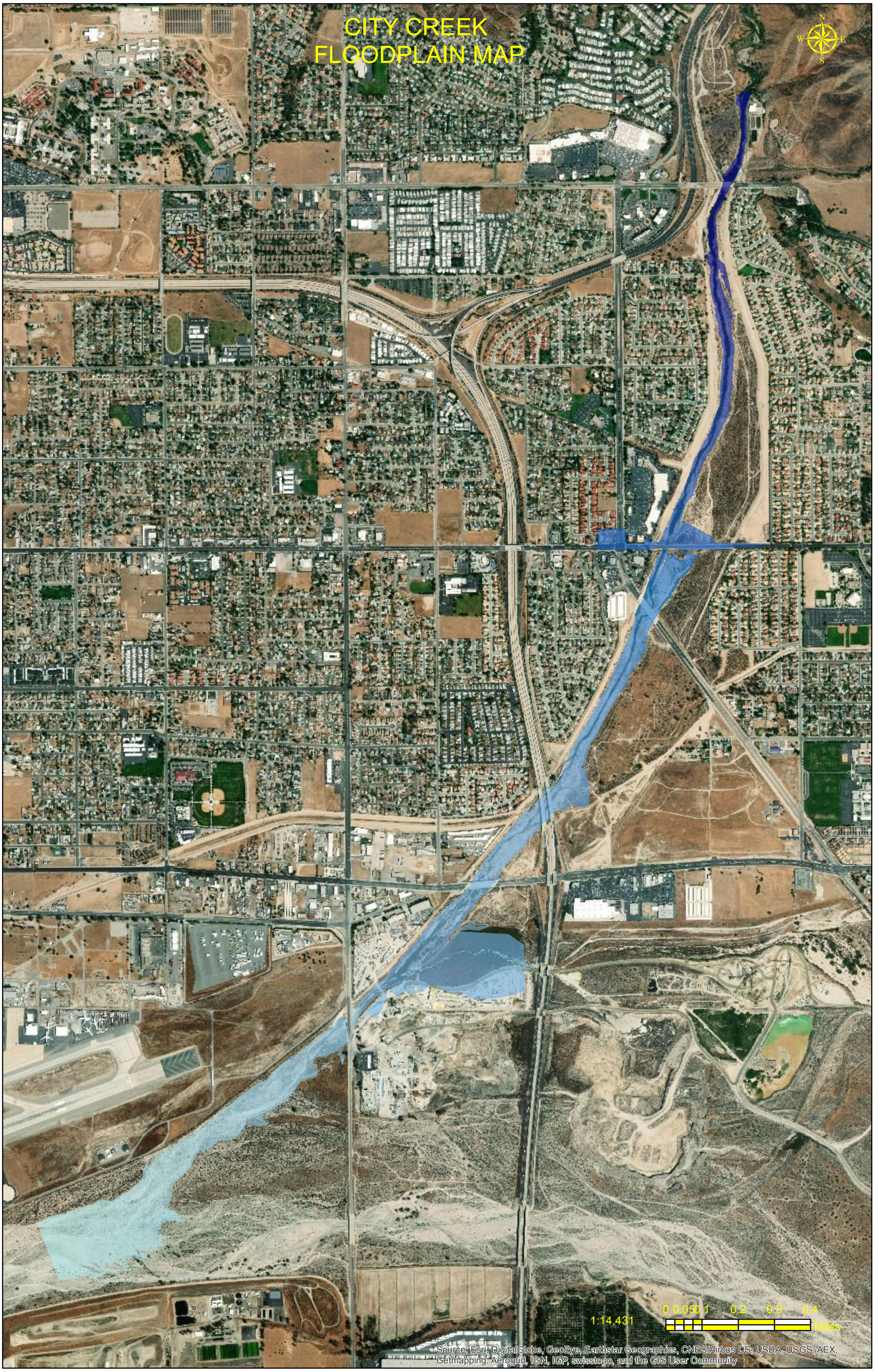

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 519.940*
.08
.08
.08
Legend
EG 100-yr Event
WS 100-yr Event
Ground
Bank Sta
Elevation (ft)
Station (ft)


City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 496.423*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 472.906*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 449.389*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 425.871*
.08
.08
.08
Elevation (ft)
1210
1205
1200
1195
1190
1185
0
100
200
300
400
500
600
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta


City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 402.354*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 378.837*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 355.320*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 331.802*
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta

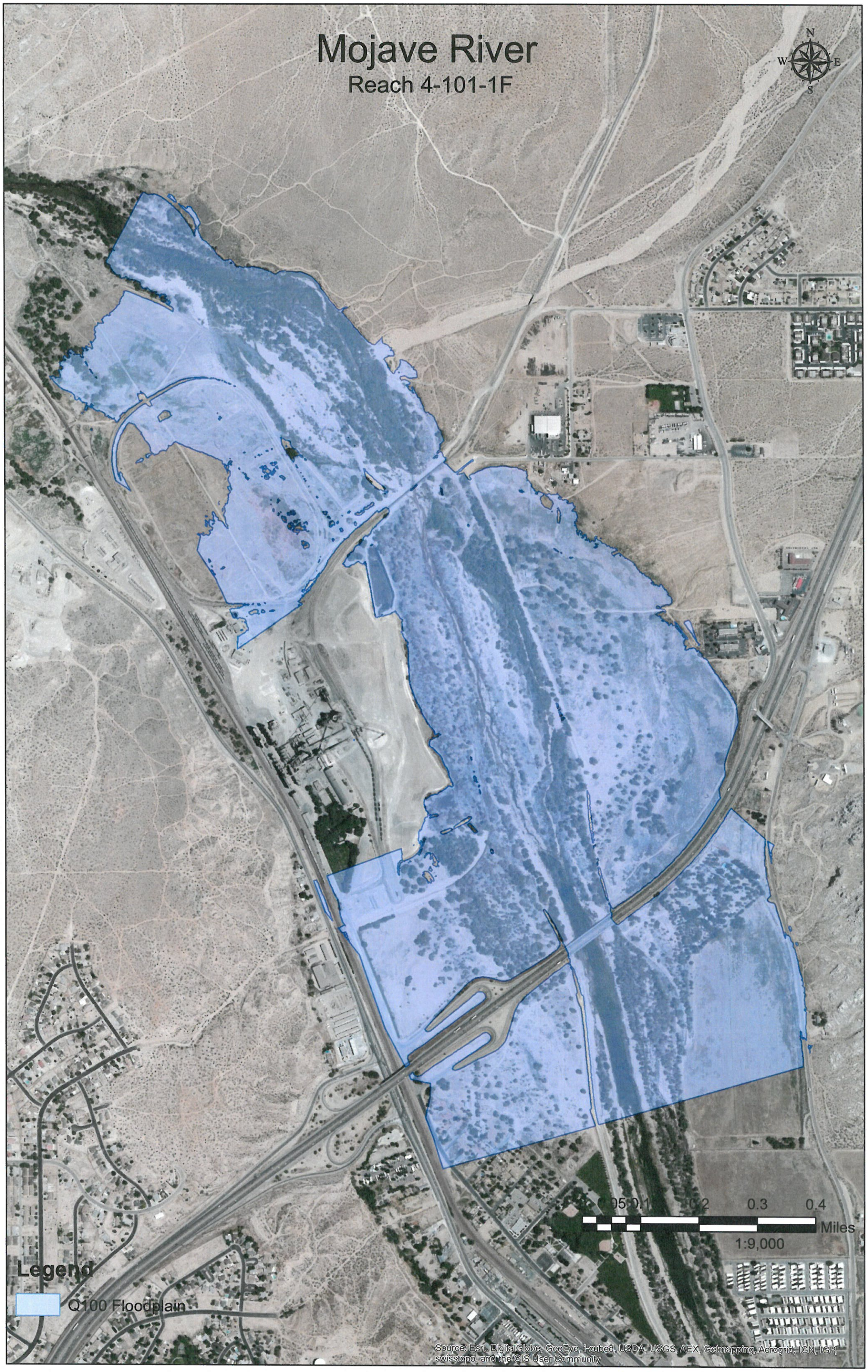

City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 308.285*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 284.768*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 261.251*
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 237.734*
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta


City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 214.2167 Upstream of Albama Street Bridge
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 121 Culv 2-12Wx8H RCB under Alabama
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 121 Culv 2-12Wx8H RCB under Alabama
City Plan: Plan 01
Geom: GeoRas_Interpolated_XS Flow: Full Range of Events
River = City Creek Reach = 1 RS = 28.44635 Downstream of Albama Street Bridge
.08
Elevation (ft)
Station (ft)
Legend
EG 100-yr Event
WS 100-yr Event
Crit 100-yr Event
Ground
Levee
Bank Sta


CITY CREEK
FLOODPLAIN MAP
N
W
E
S
1:14,431
0 0.05 0.1 0.2 0.3 0.4
Miles
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Mojave River

Reach 4-101-1F



MOJAVE RIVER
AT&SF Bridge to Mill St.
N
W
E
S
1:9,000
0 0.05 0.1 0.2 0.3 0.4
Miles
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Mojave River at Vista Road
N
W
E
S
Legend
Q100 Floodplain
1:11,000
0 0.075 0.15 0.3 0.45 0.6
Miles

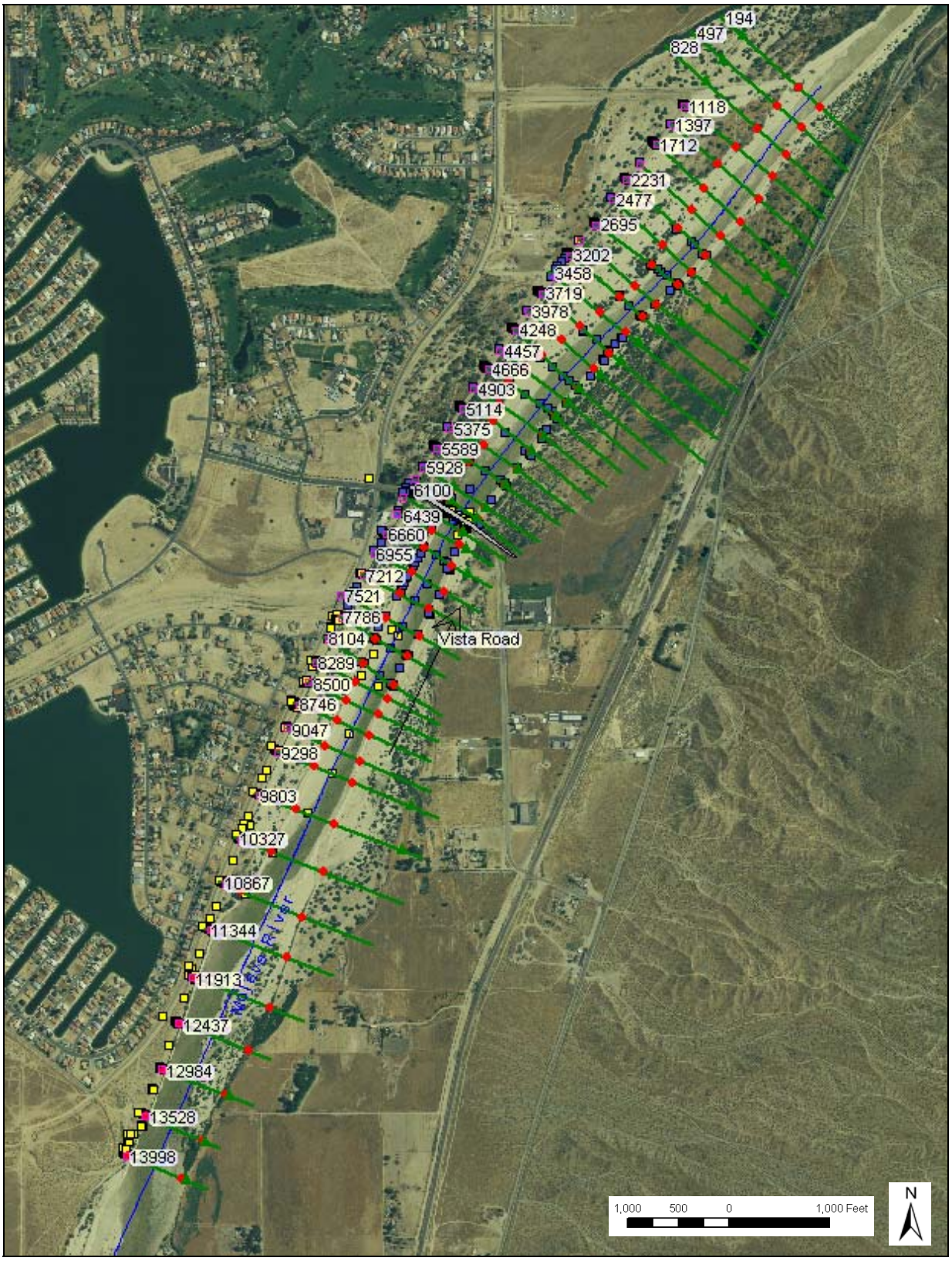
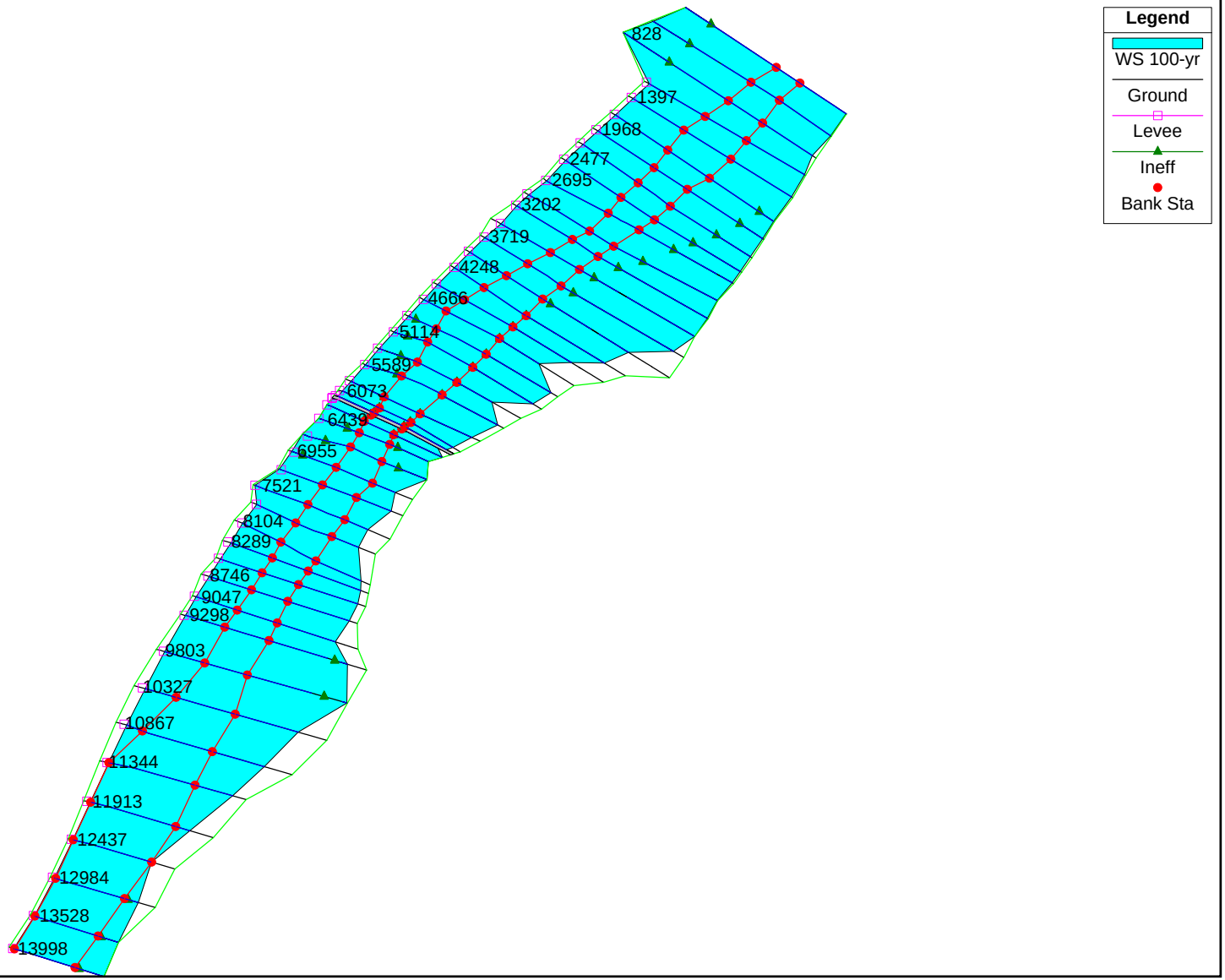
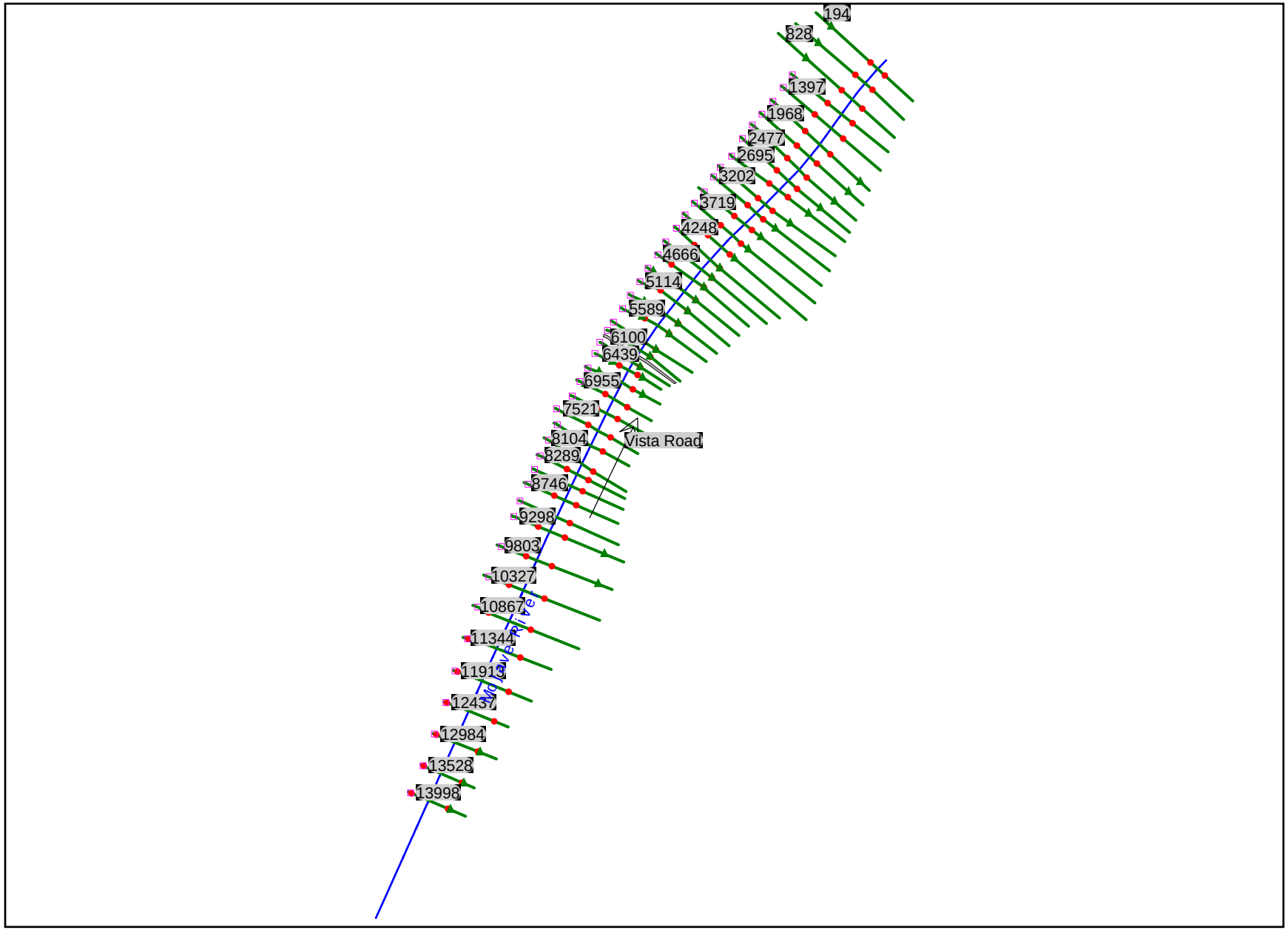


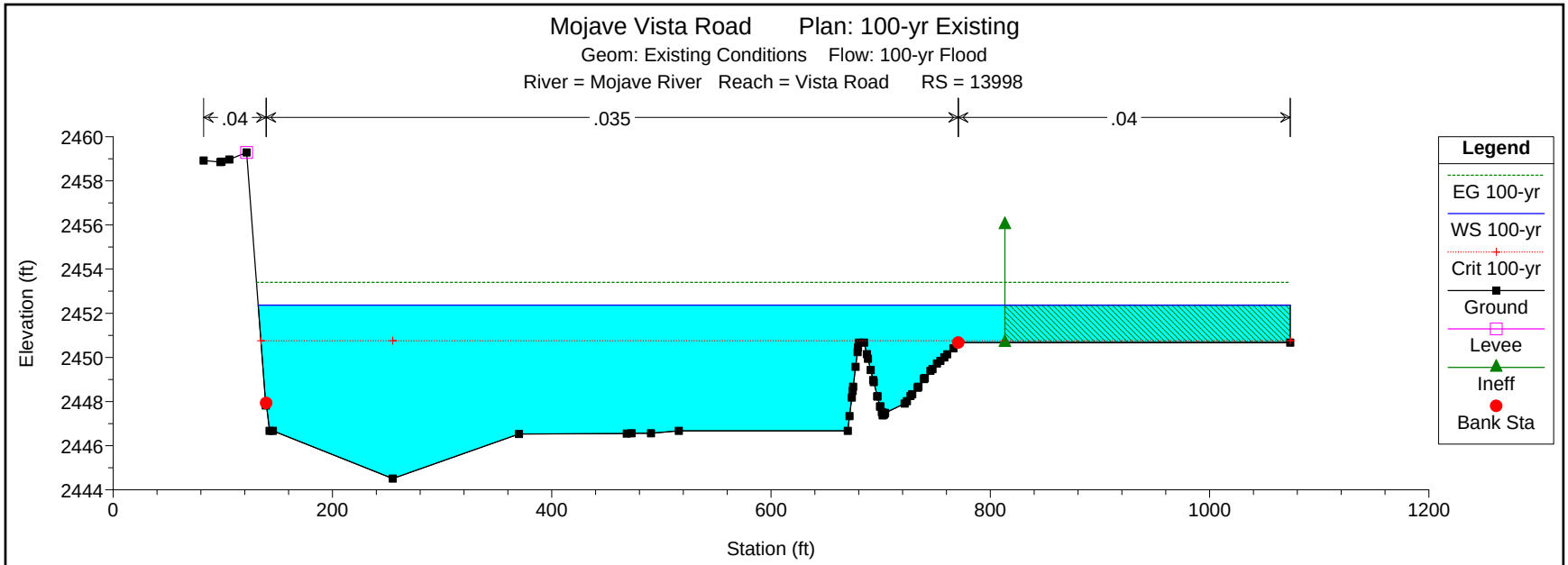
Figure 1. HEC-RAS Model Layout.

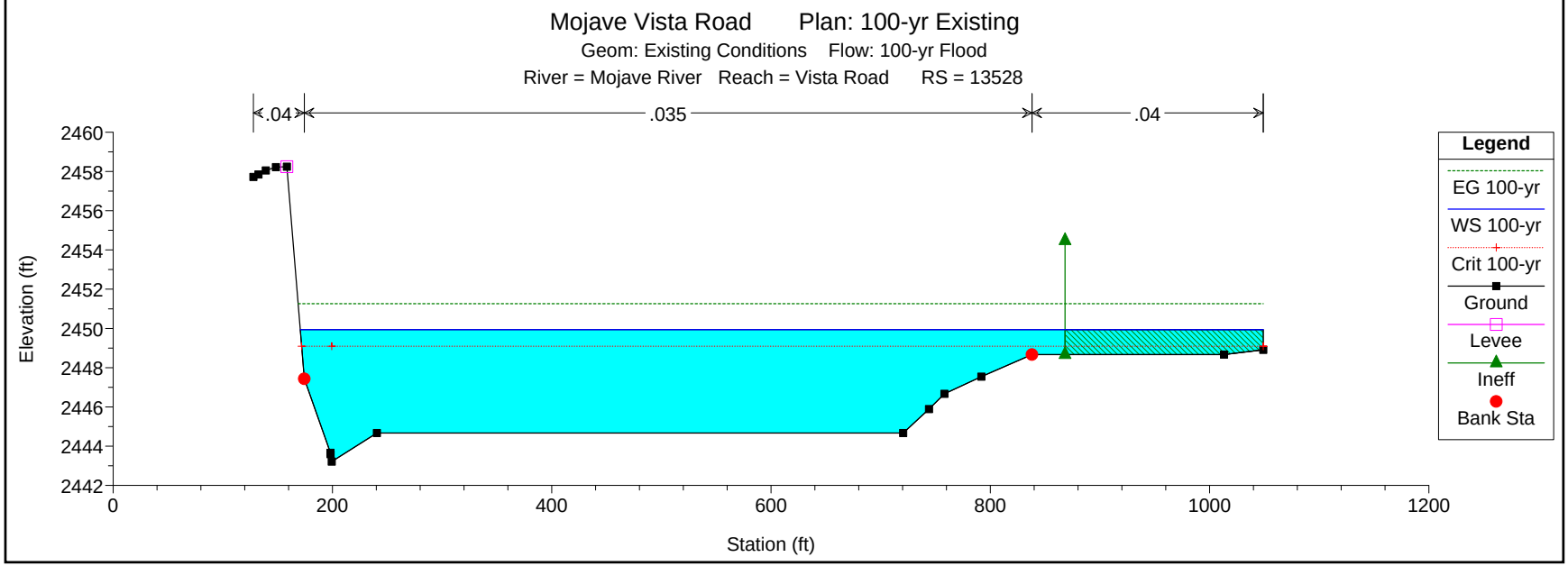
Mojave Vista Road Plan: 100-yr Existing

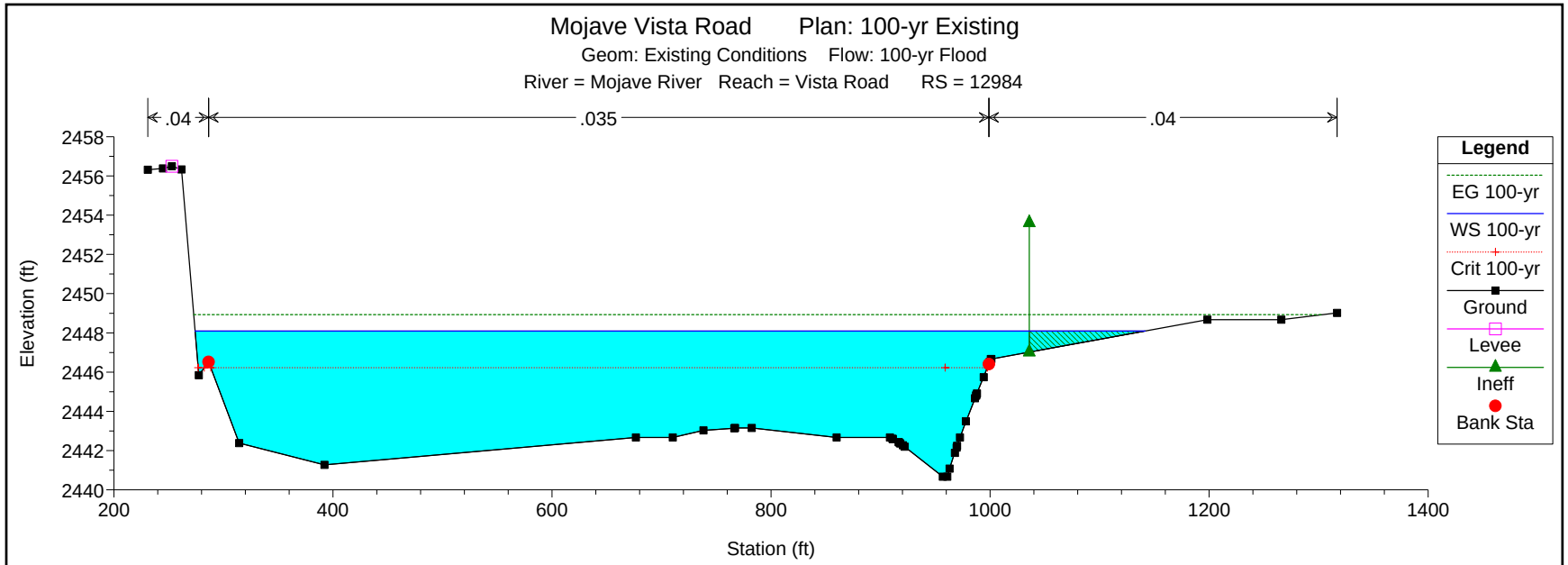
Geom: Existing Conditions Flow: 100-yr Flood

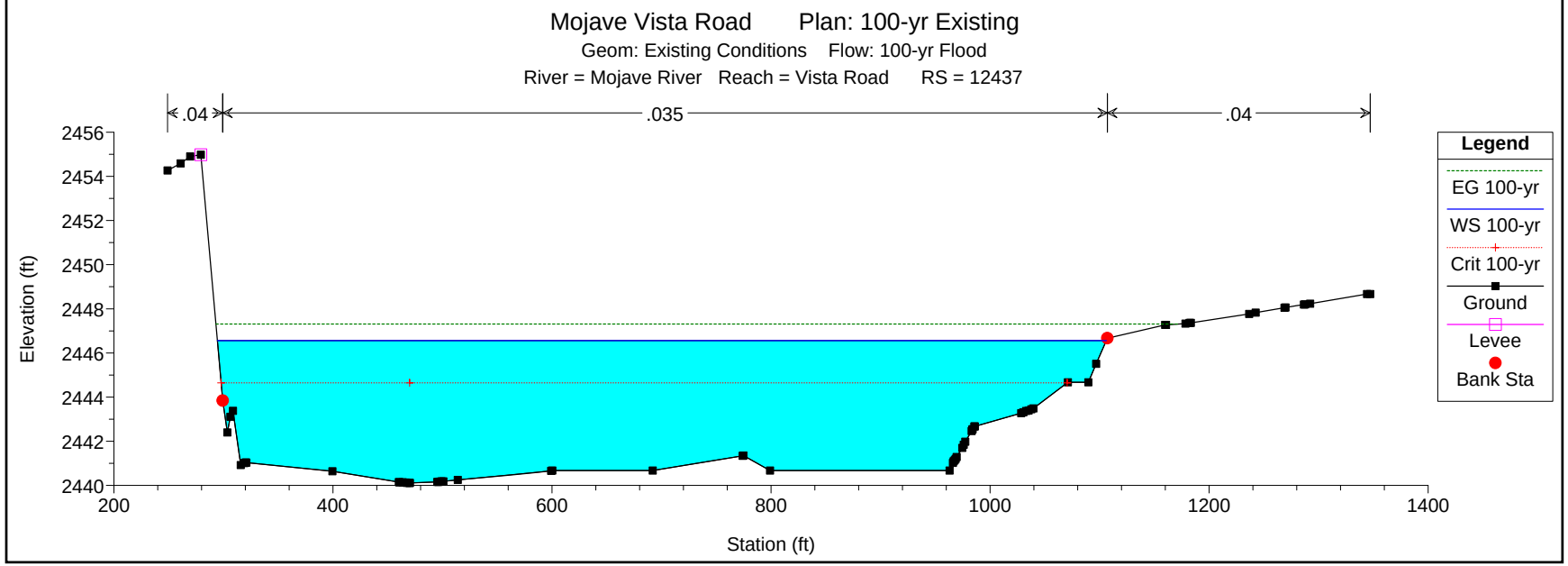


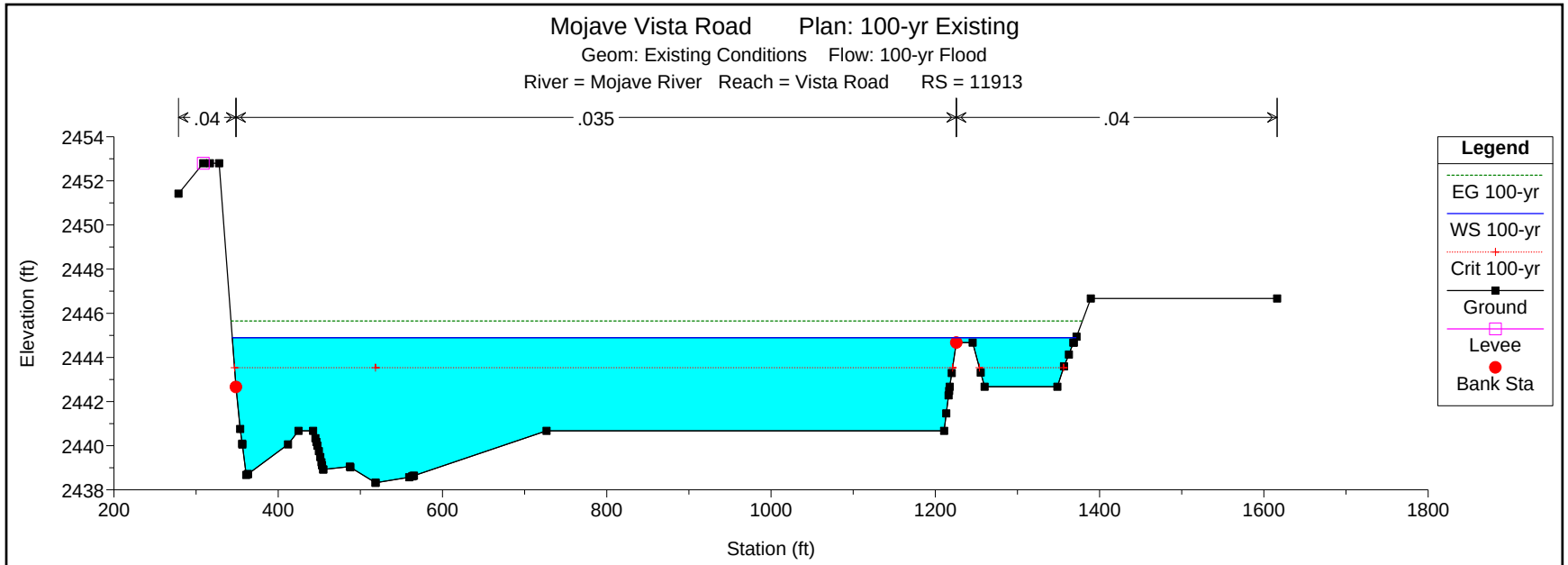

194
828
1397
1968
2477
2695
3202
3719
4248
4666
5114
5589
6100
6439
6955
7521
8104
8289
8746
9298
9803
10327
10867
11344
11913
12437
12984
13528
13998
Vista Road
Mojave River

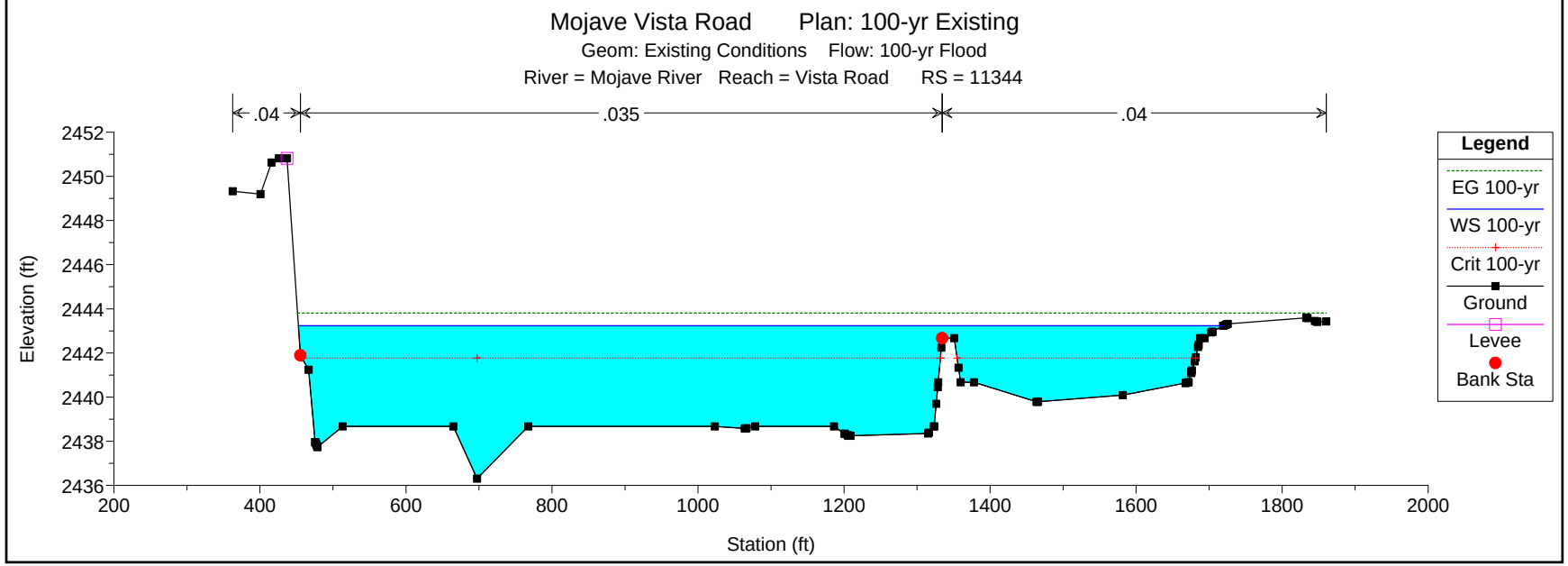

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 13998
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

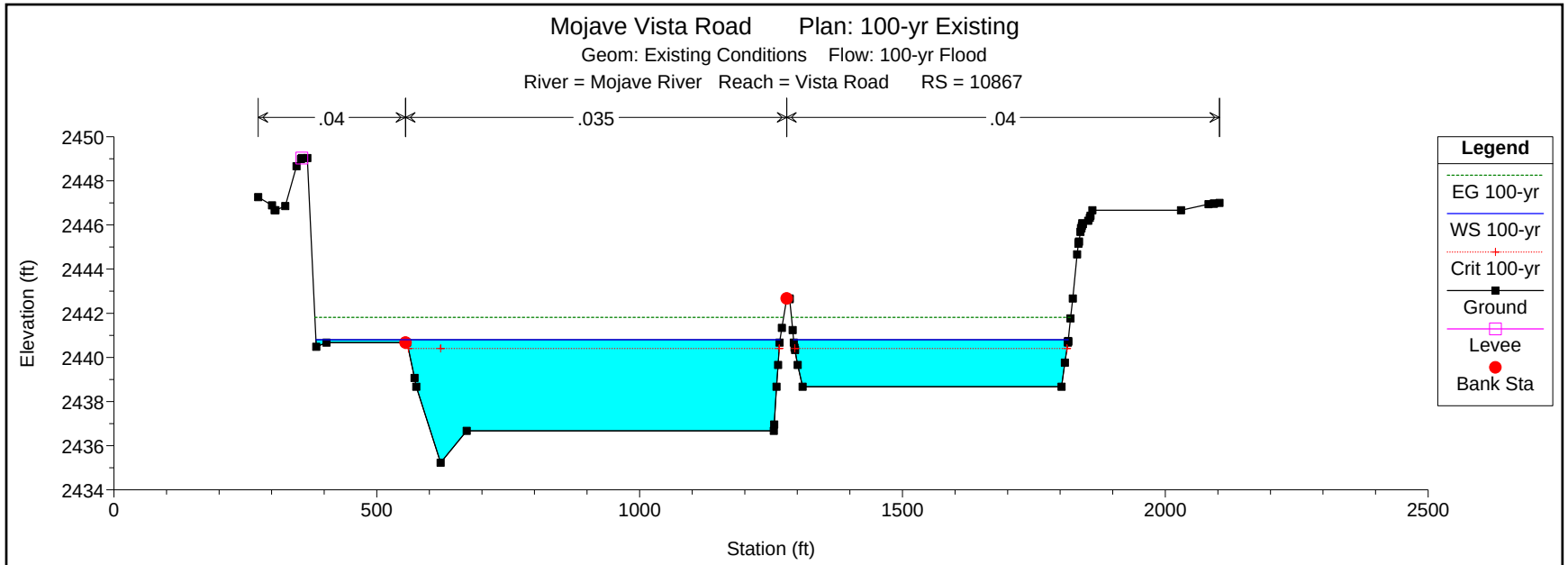

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 13528
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

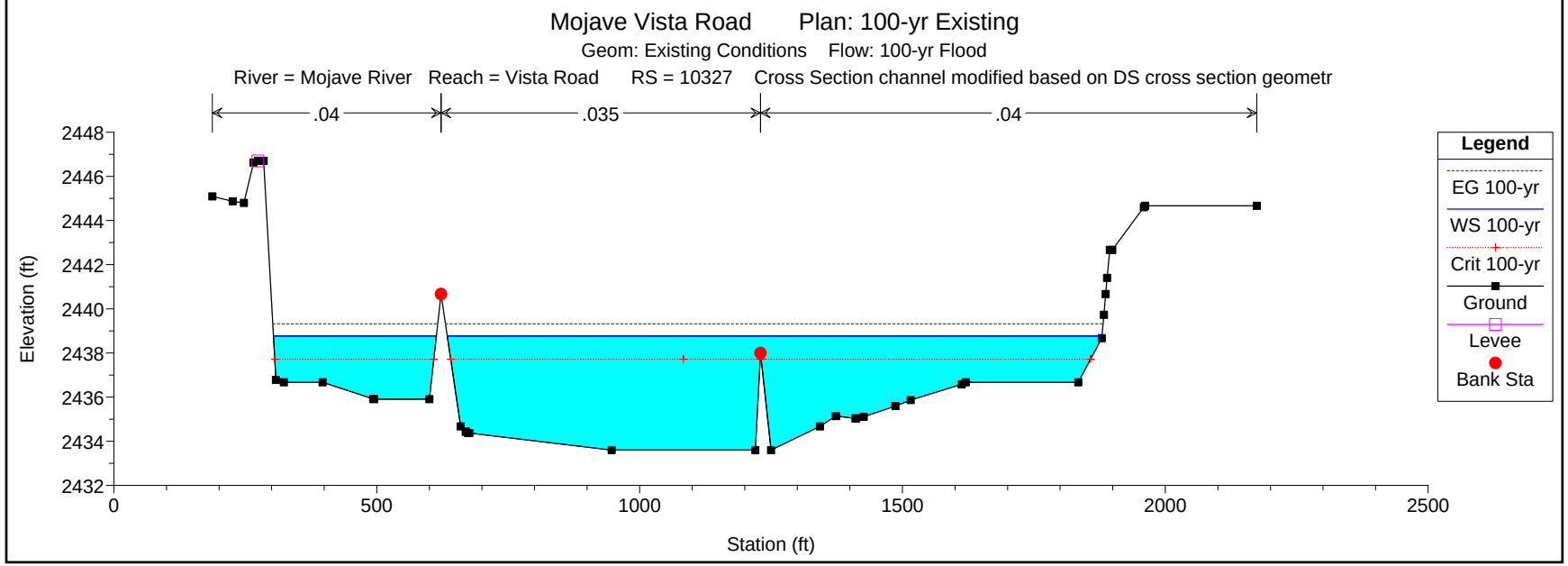

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 12984
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

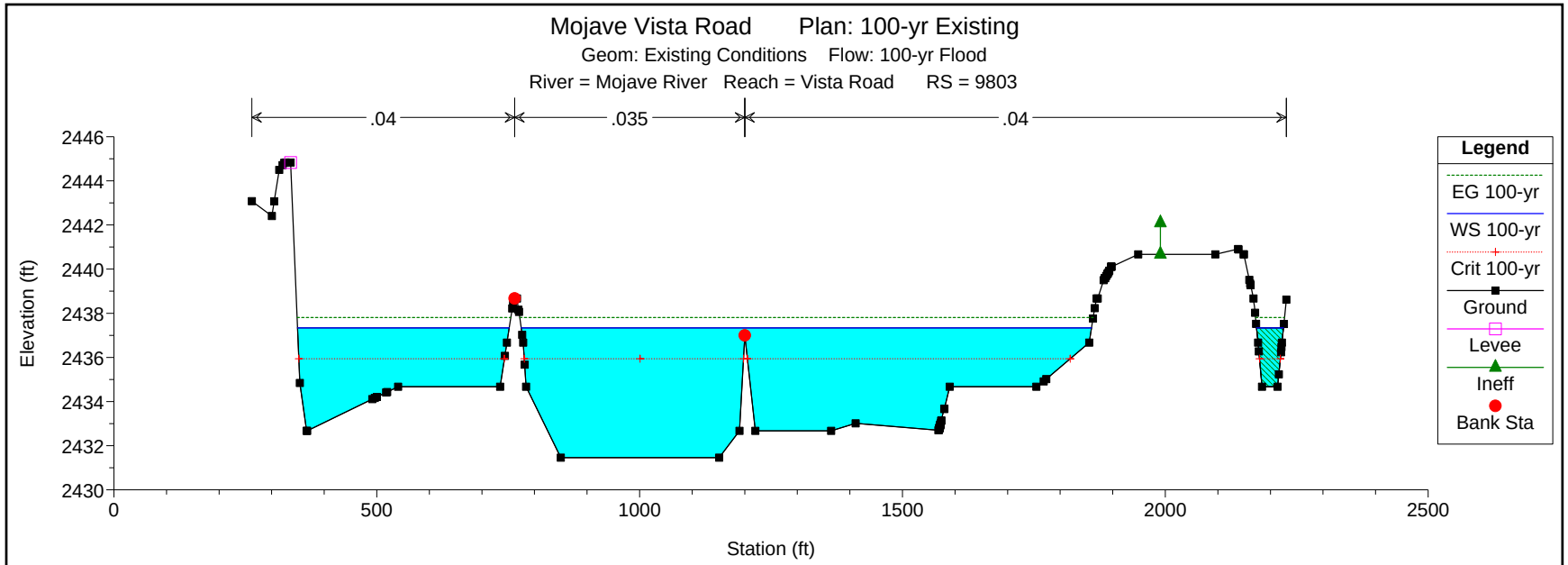

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 12437
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

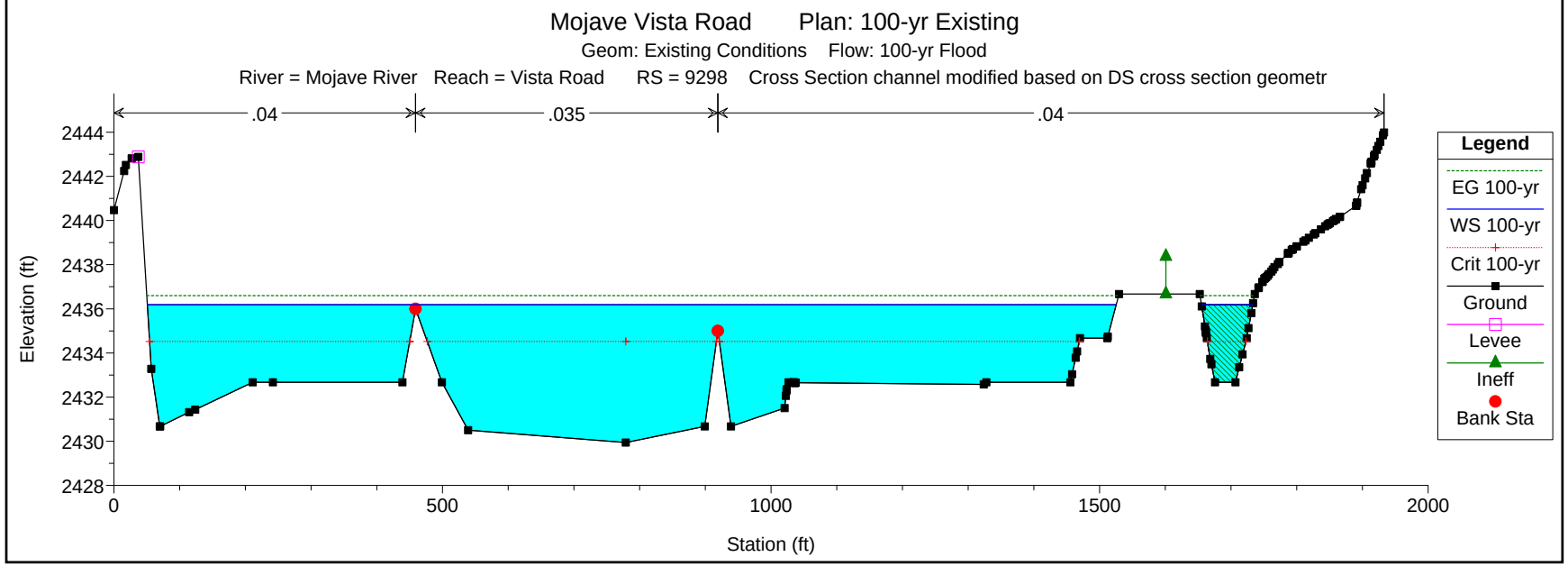

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 11913
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

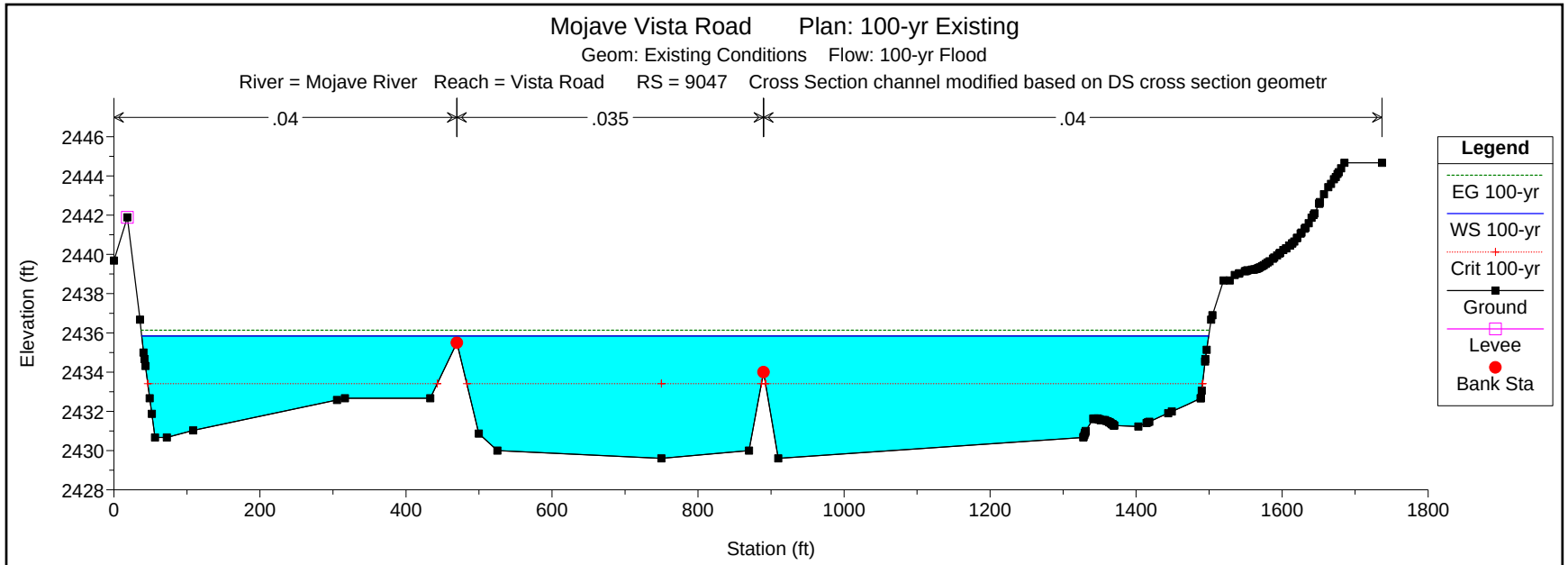

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 11344
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

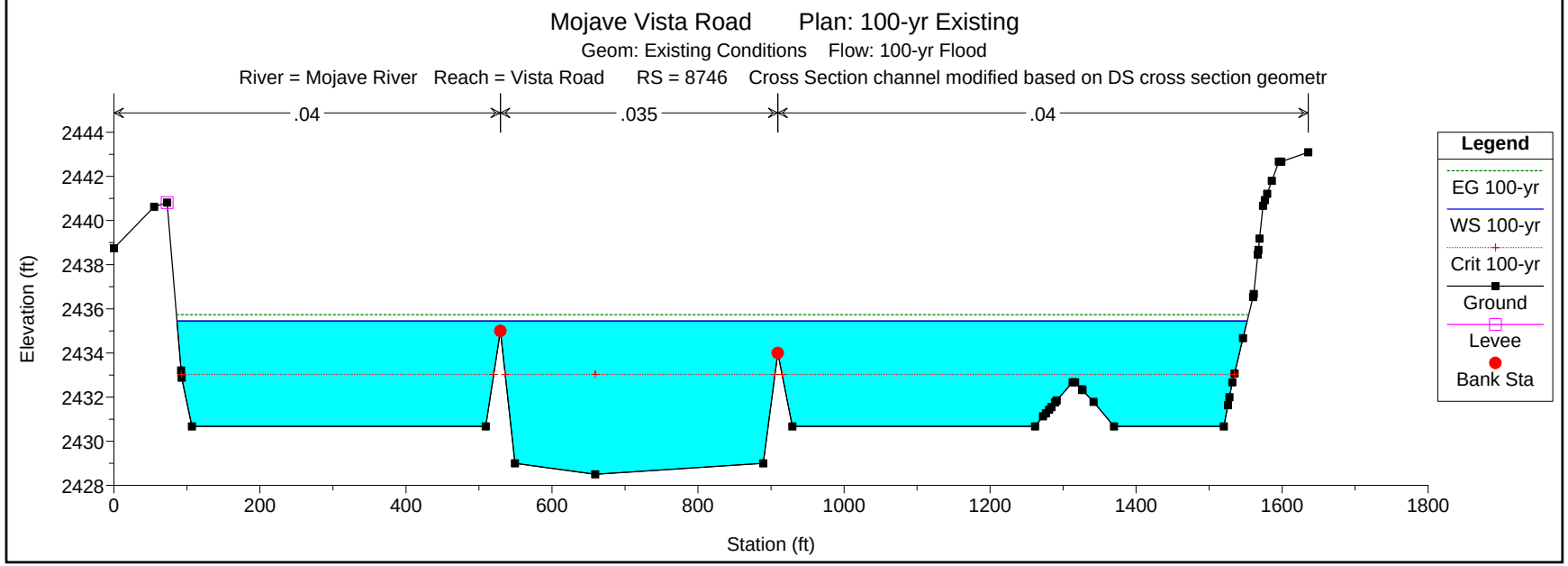

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 10867
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

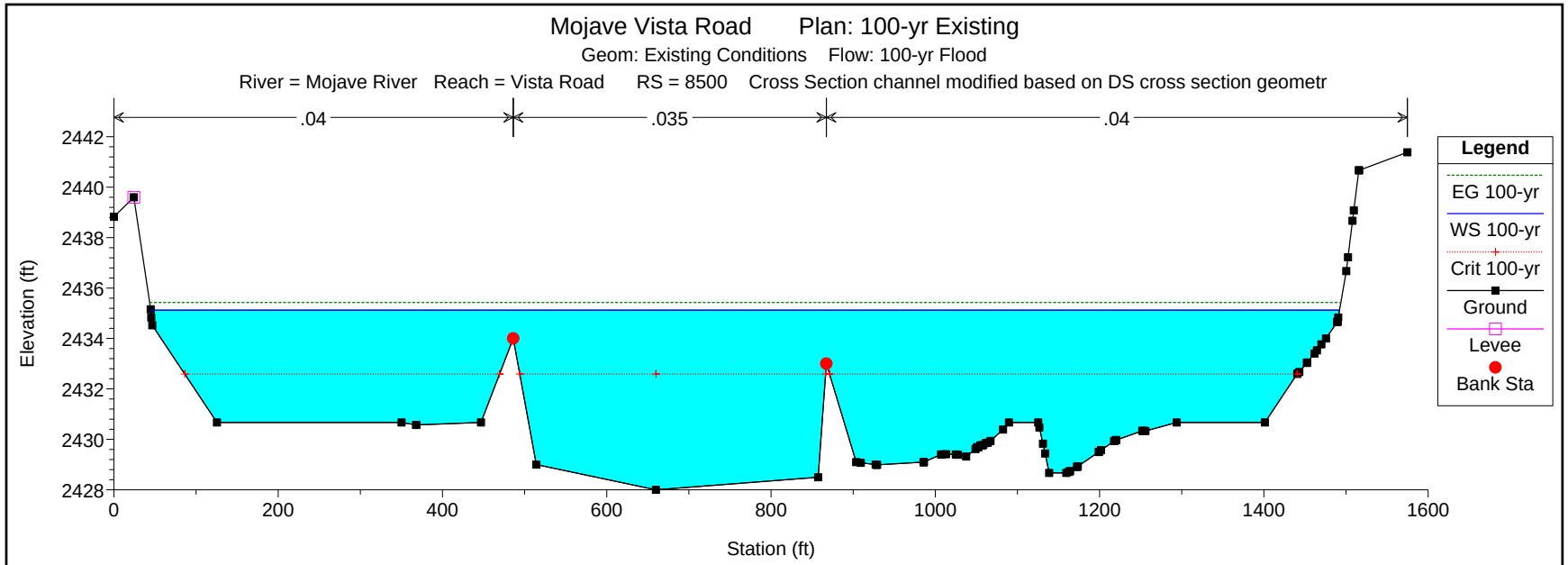

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 10327 Cross Section channel modified based on DS cross section geometr
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

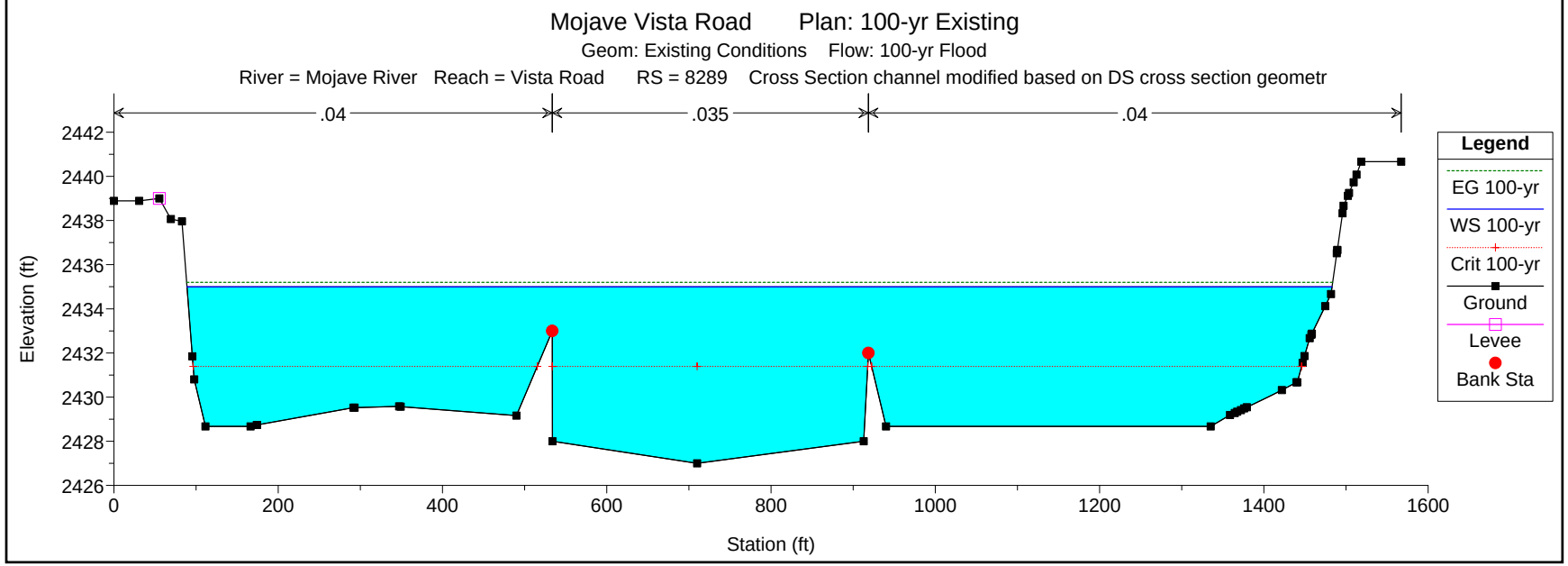

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 9803
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

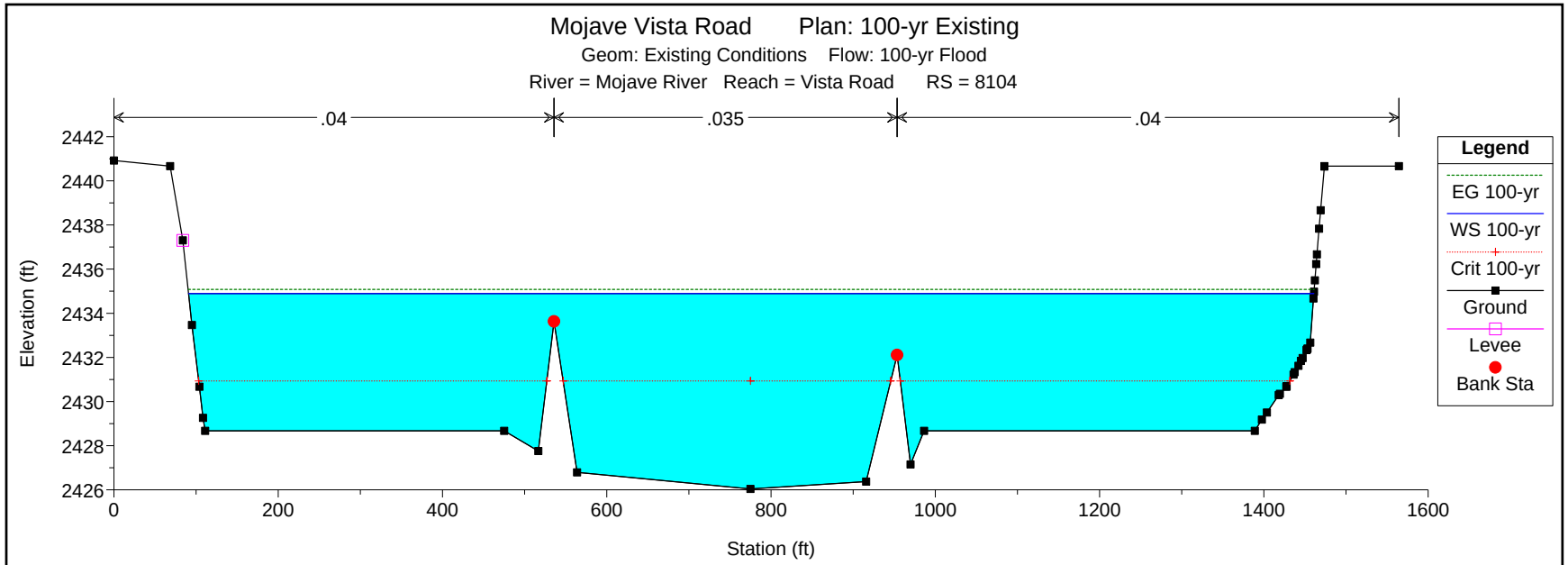

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 9298 Cross Section channel modified based on DS cross section geometr
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

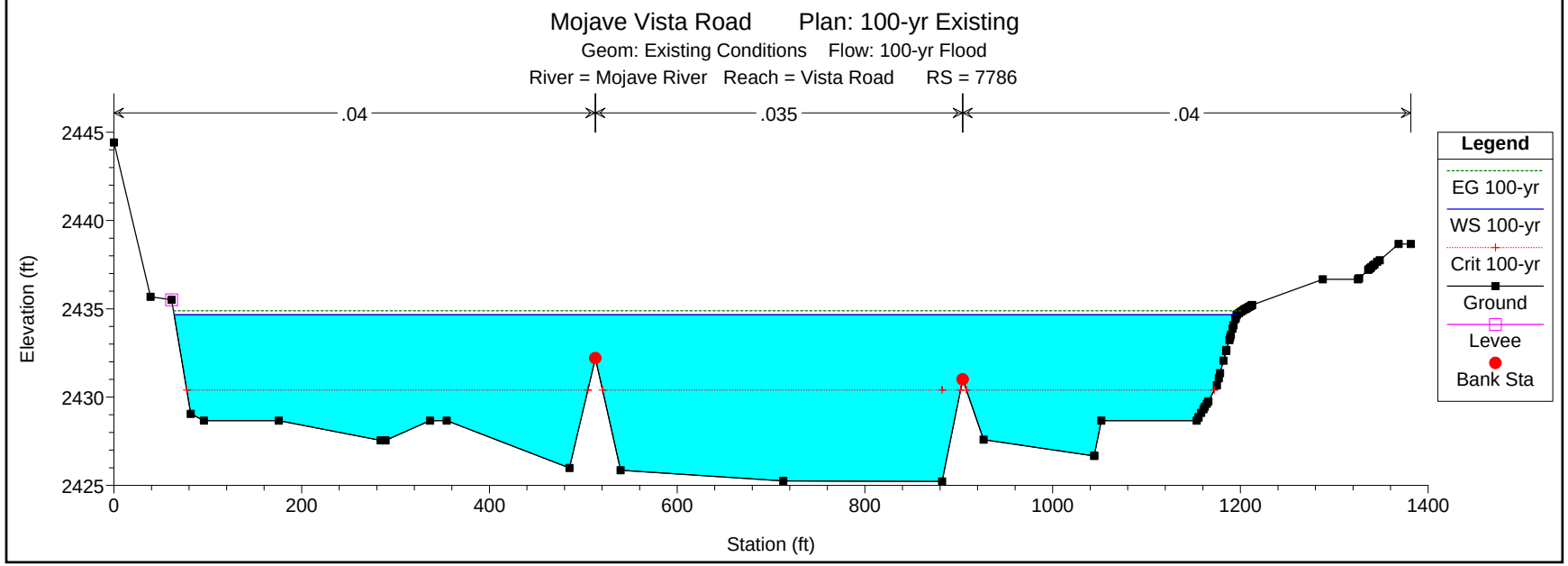

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 9047 Cross Section channel modified based on DS cross section geometr
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

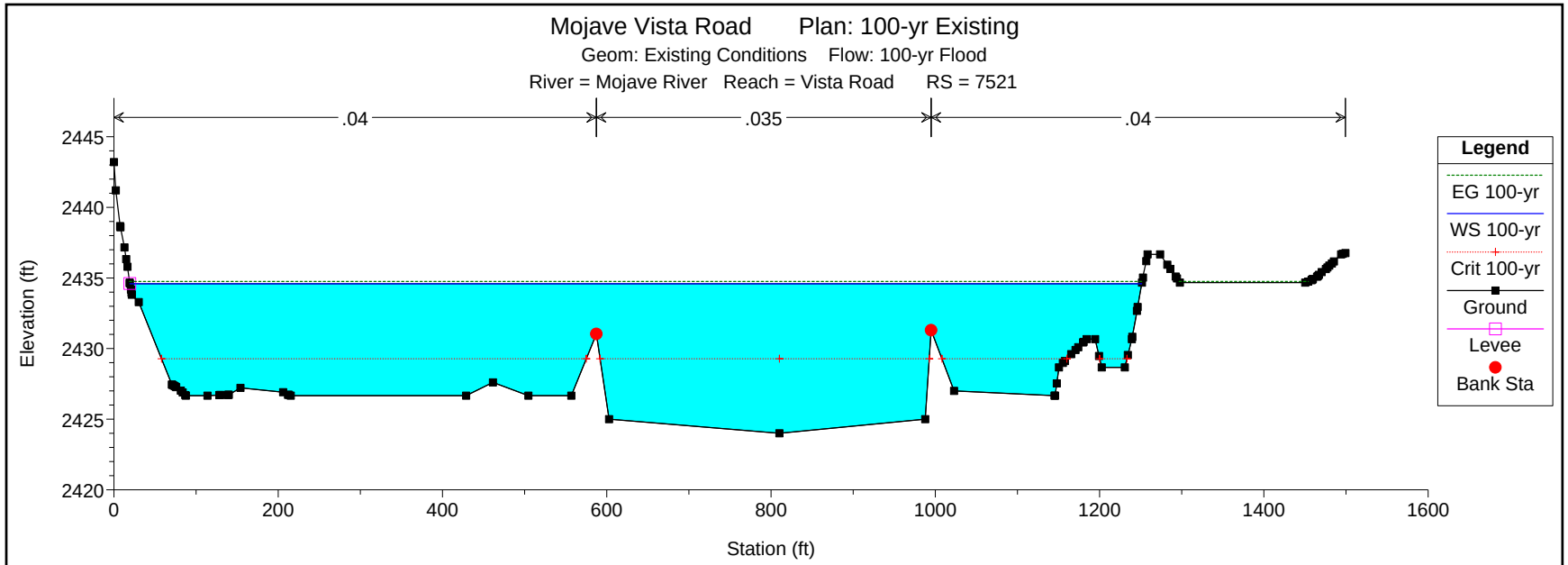

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 8746 Cross Section channel modified based on DS cross section geometr
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

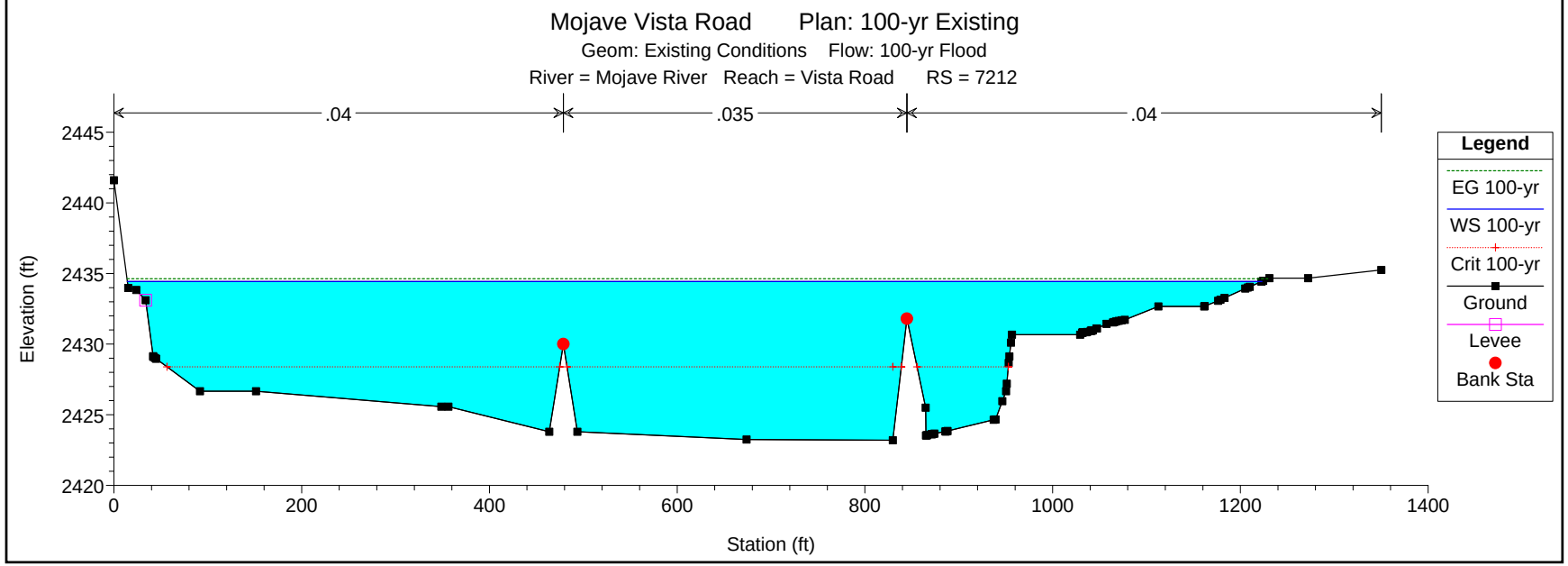

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 8500 Cross Section channel modified based on DS cross section geometr
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

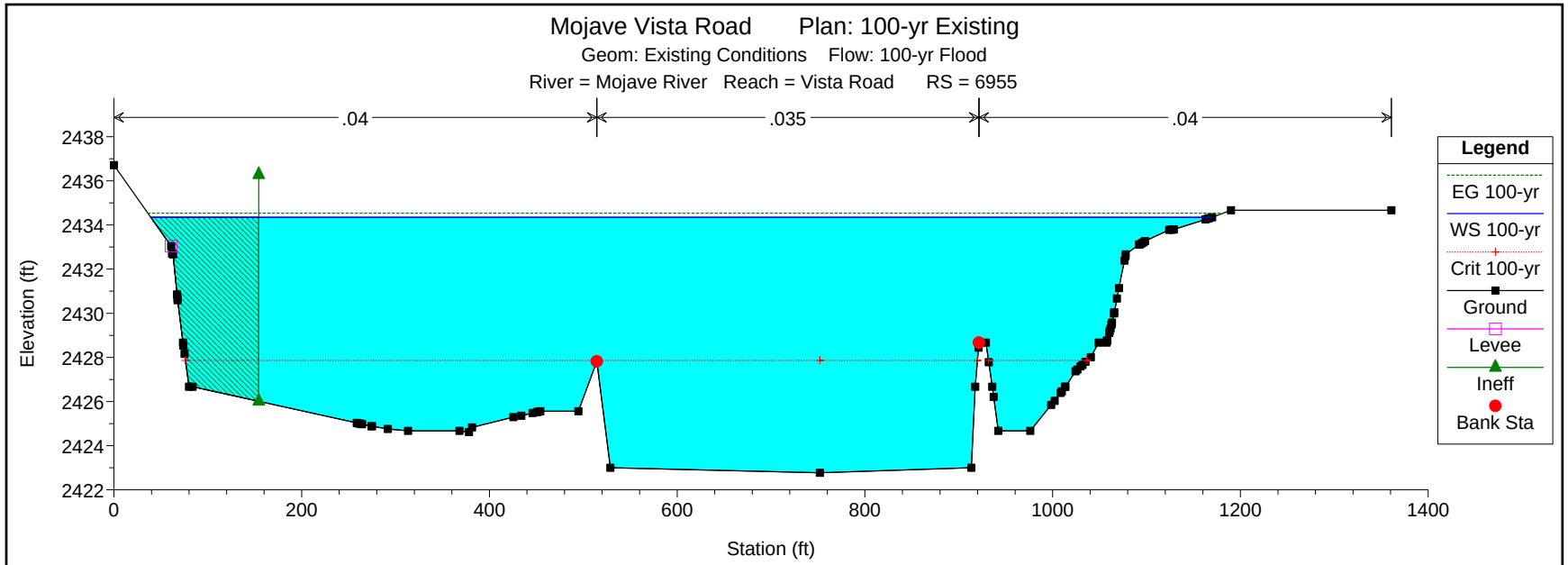

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 8289 Cross Section channel modified based on DS cross section geometr
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

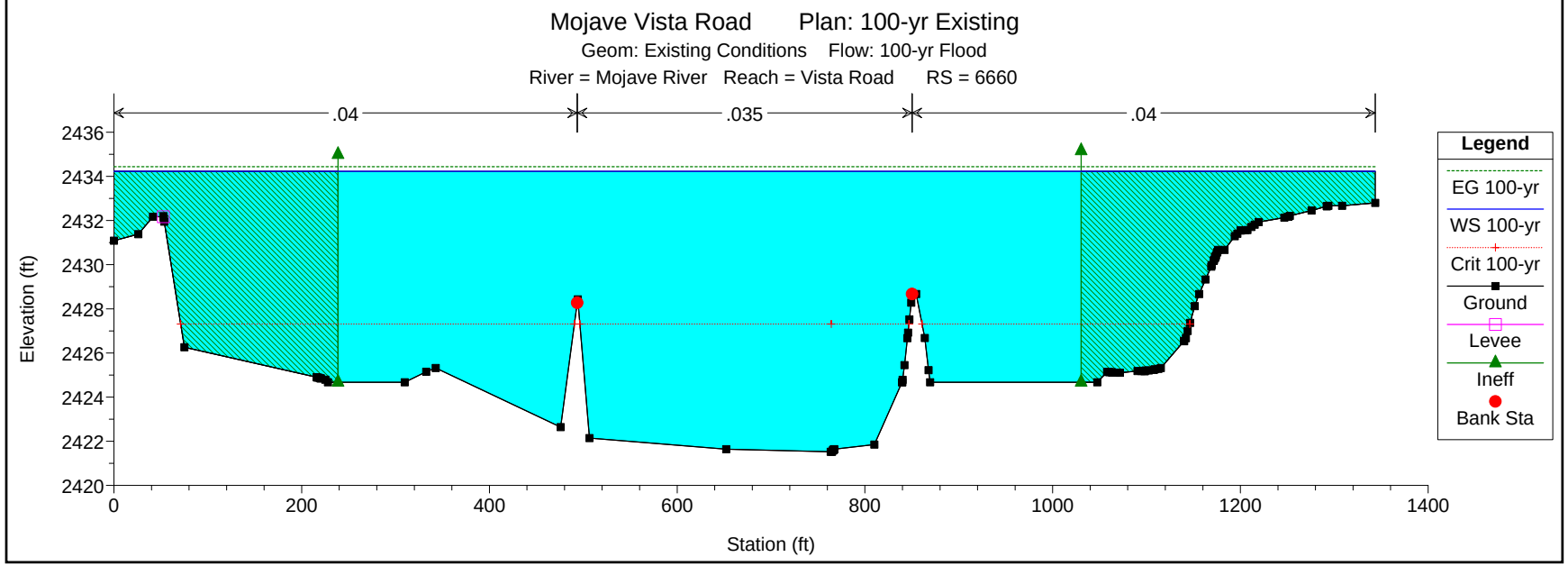

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 8104
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

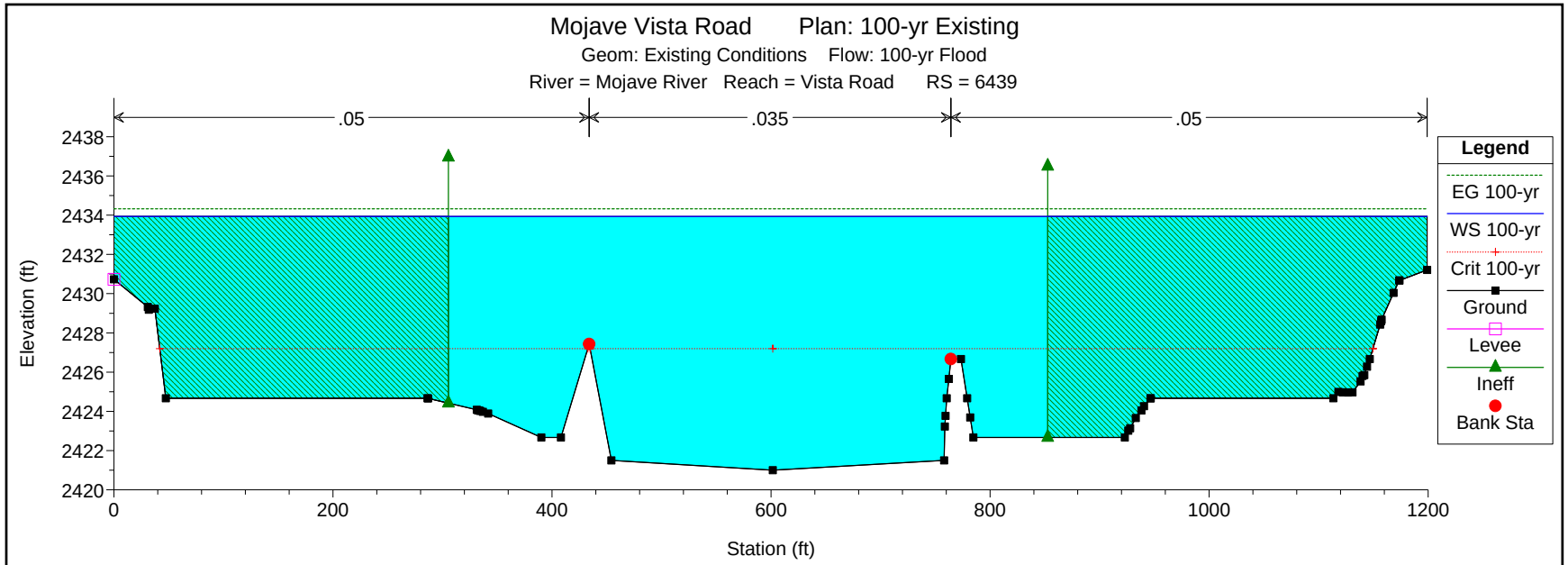

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 7786
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

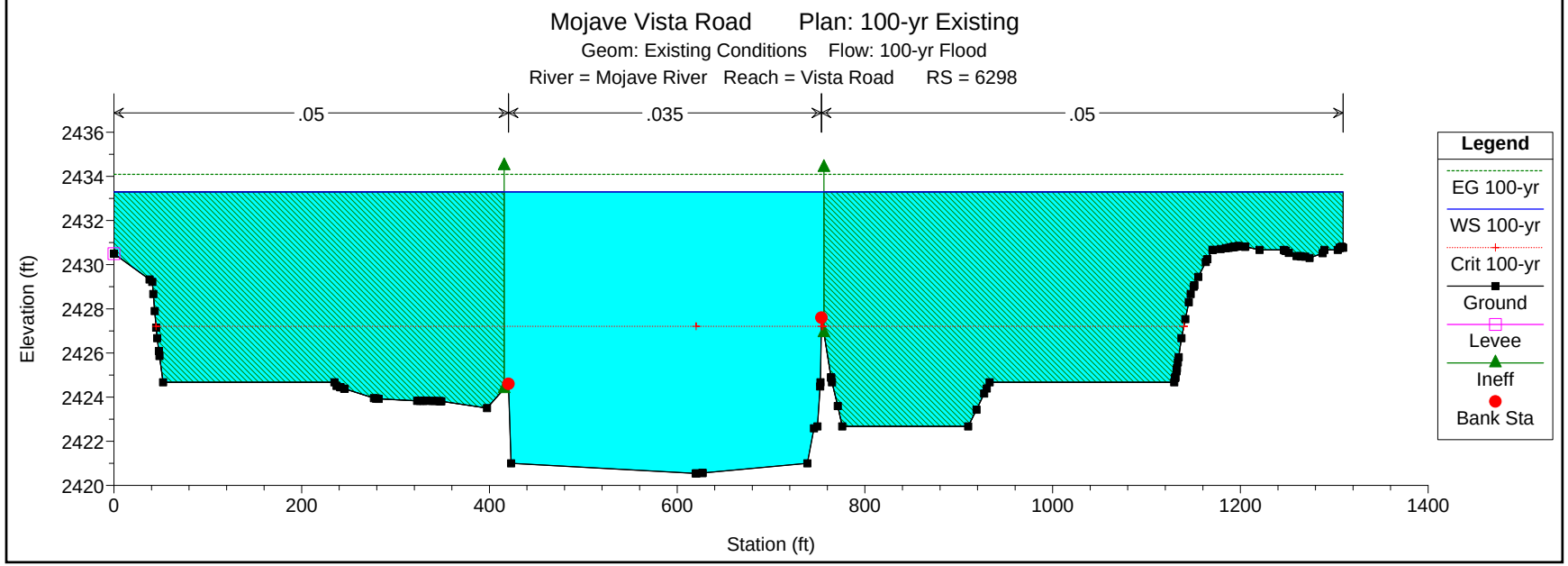

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 7521
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

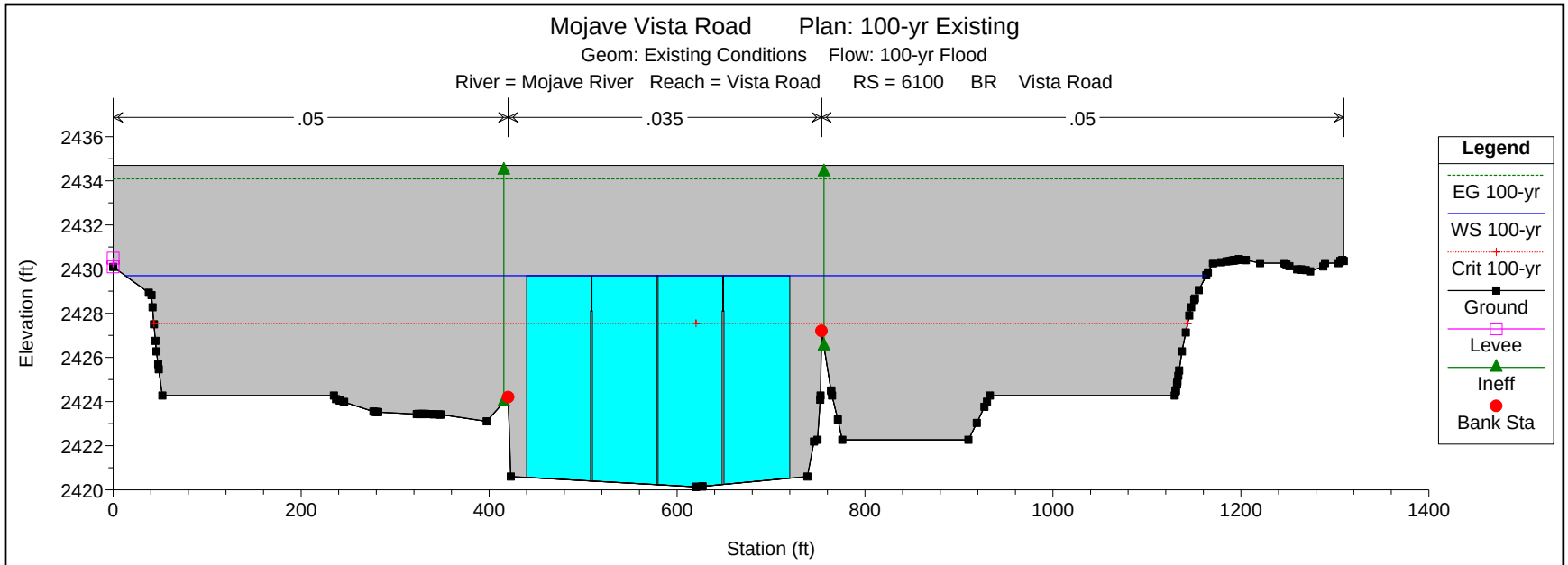

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 7212
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta

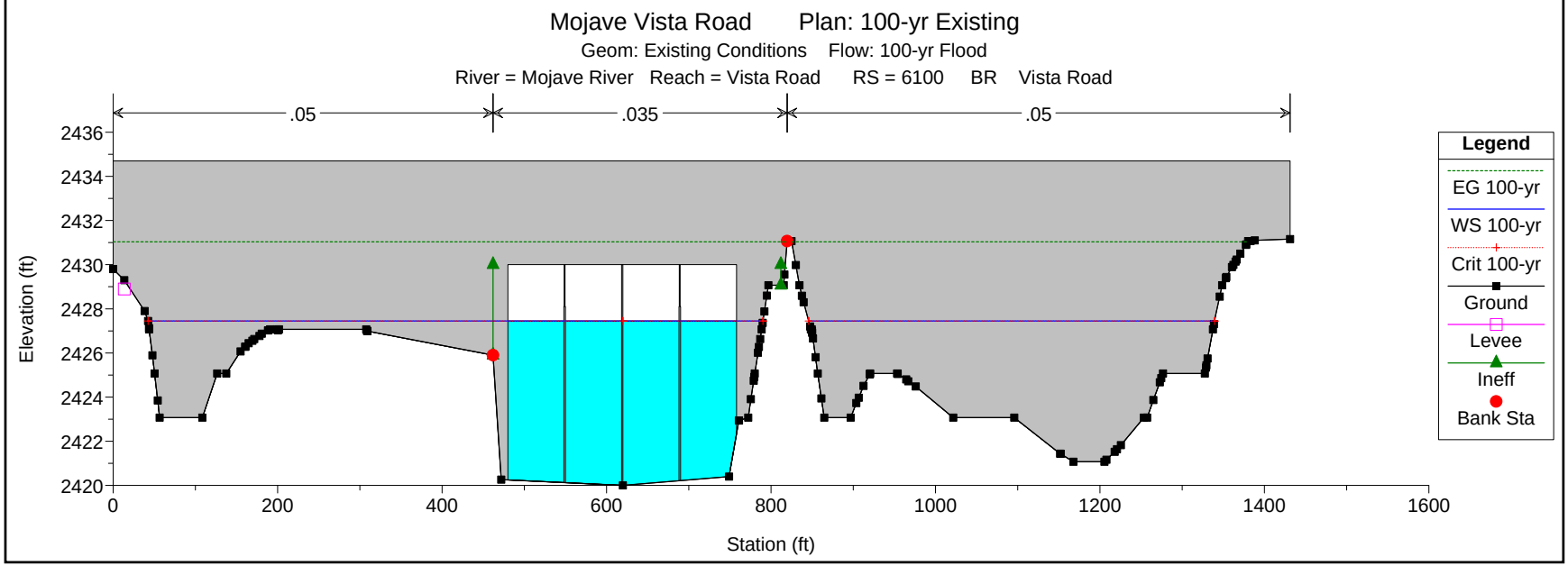

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 6955
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

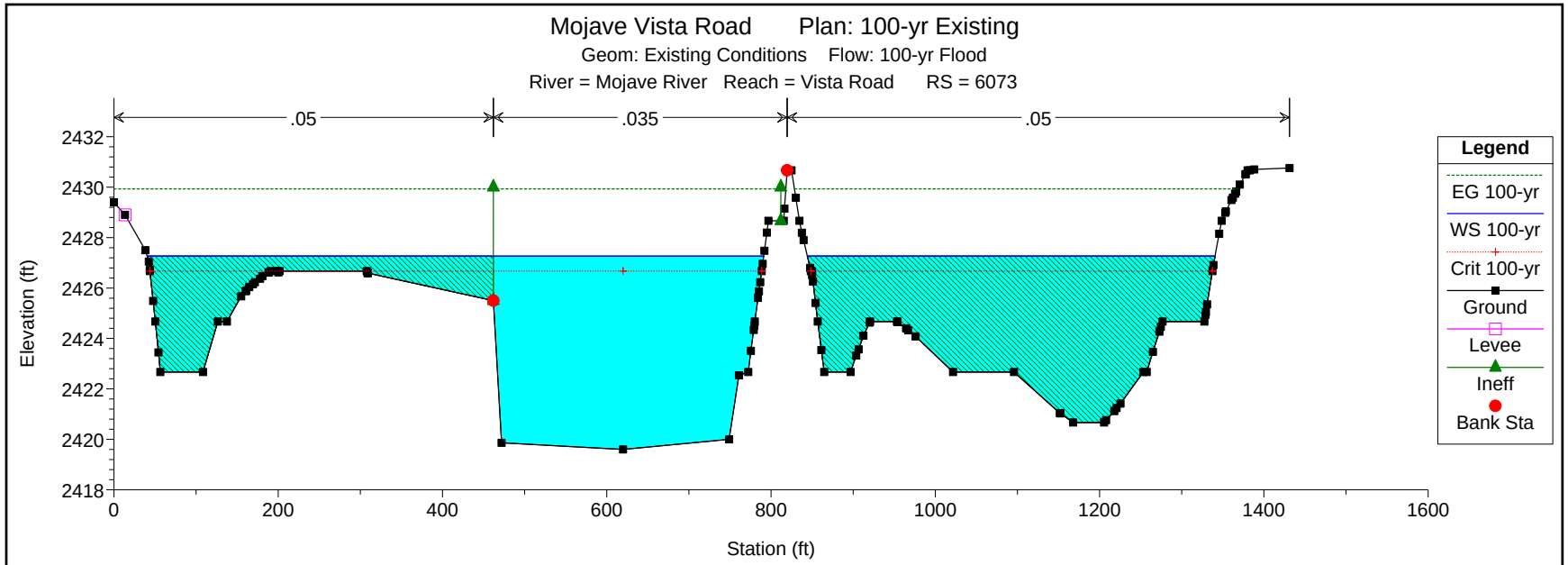

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 6660
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

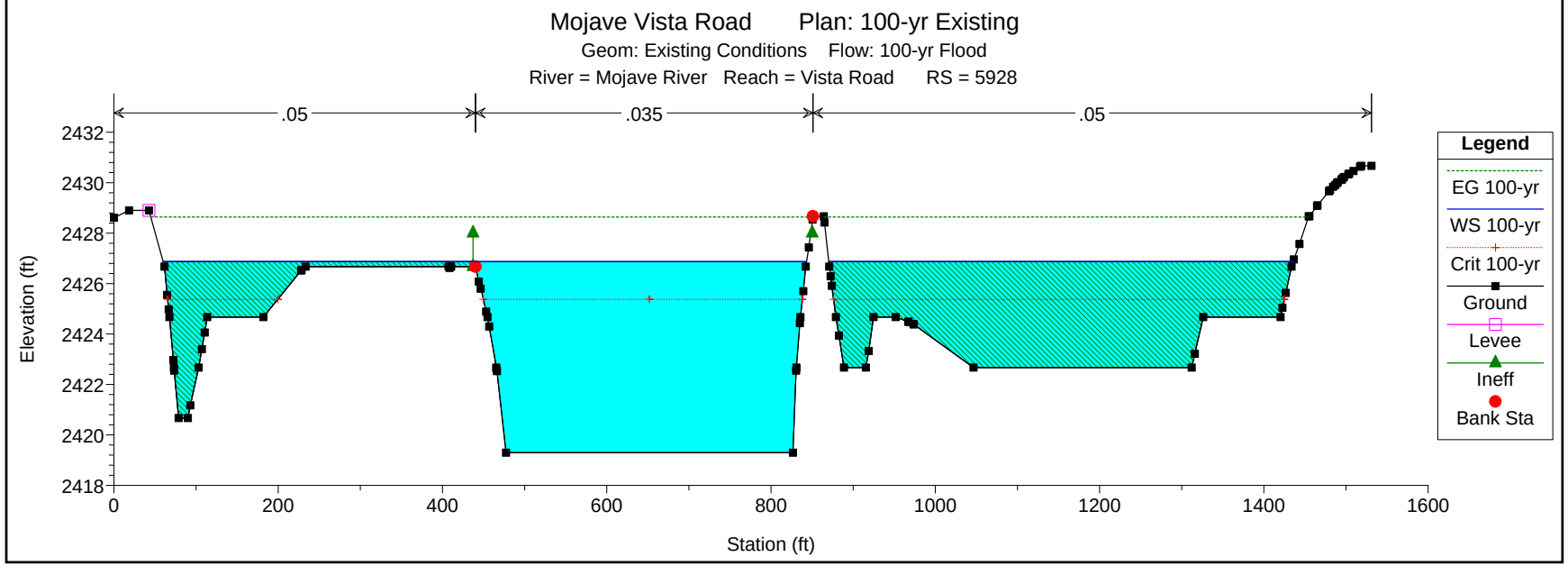

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 6439
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

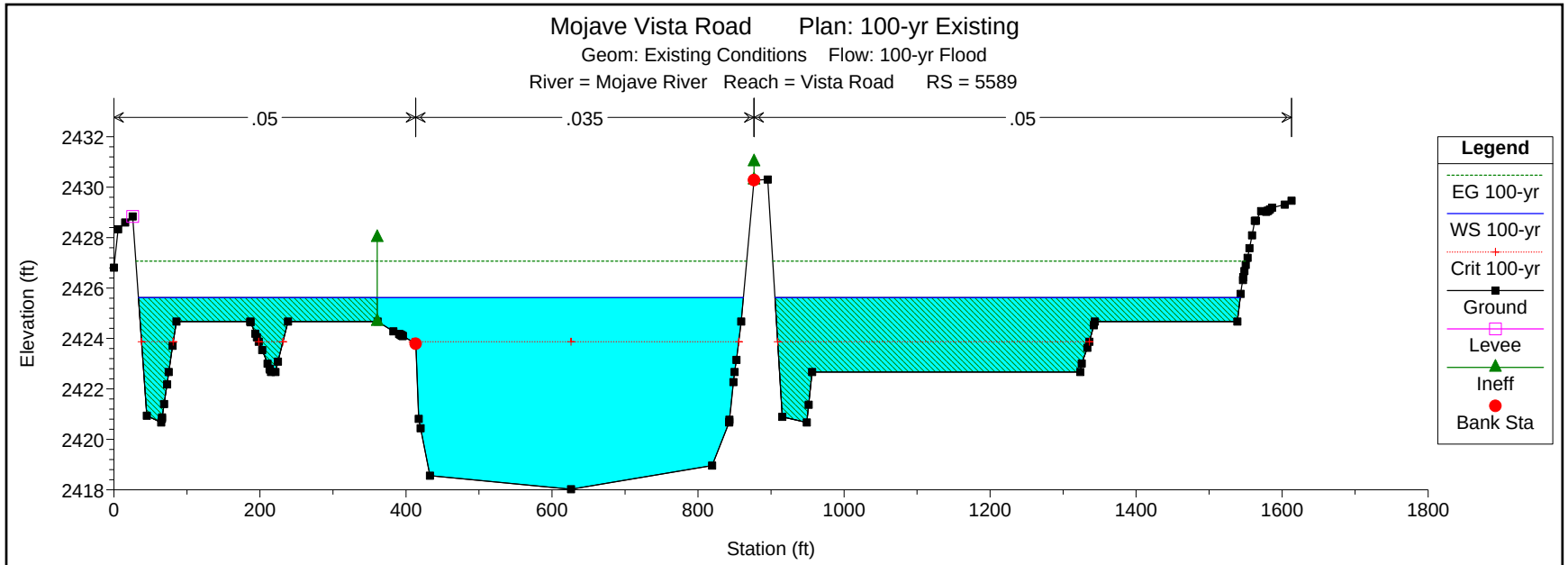

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 6298
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

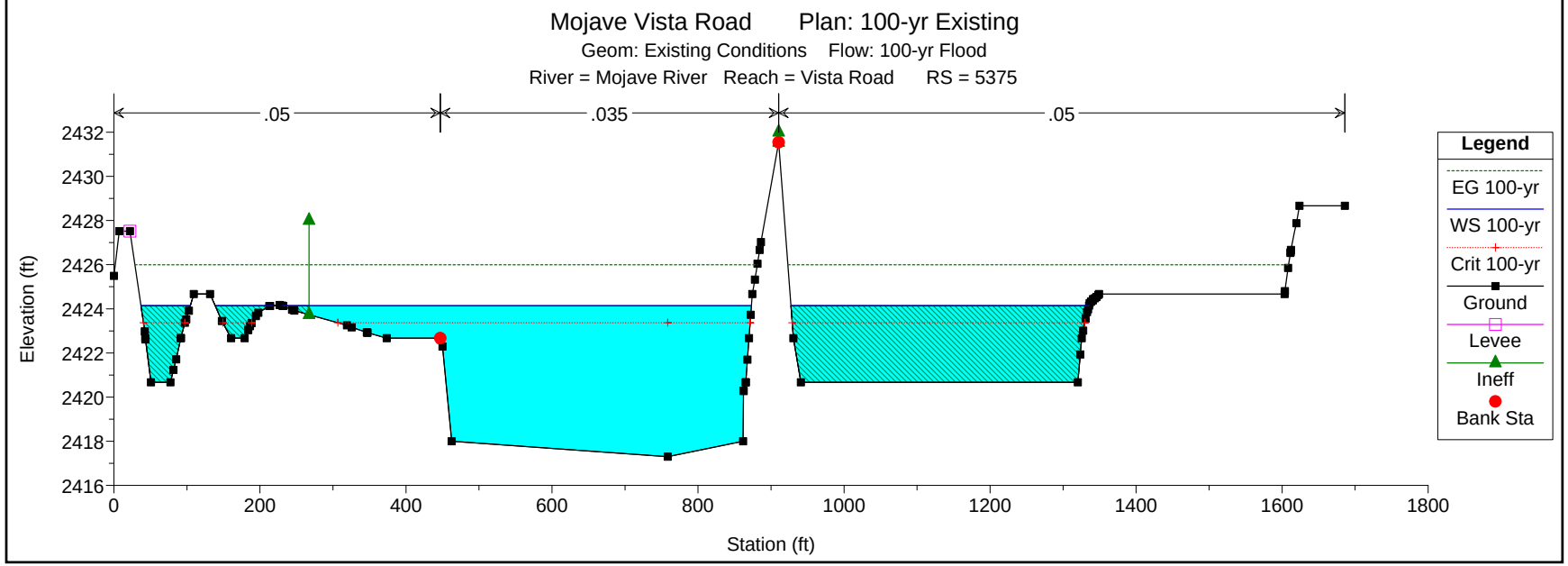

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 6100 BR Vista Road
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

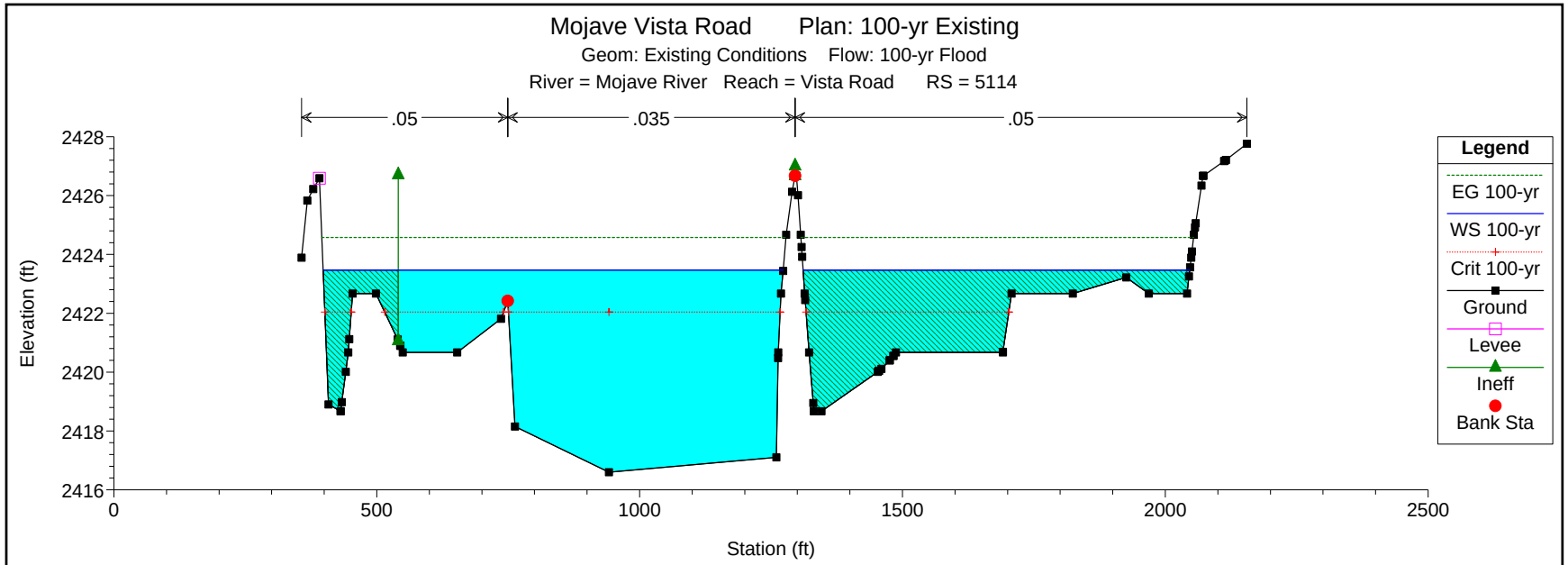

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 6100 BR Vista Road
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

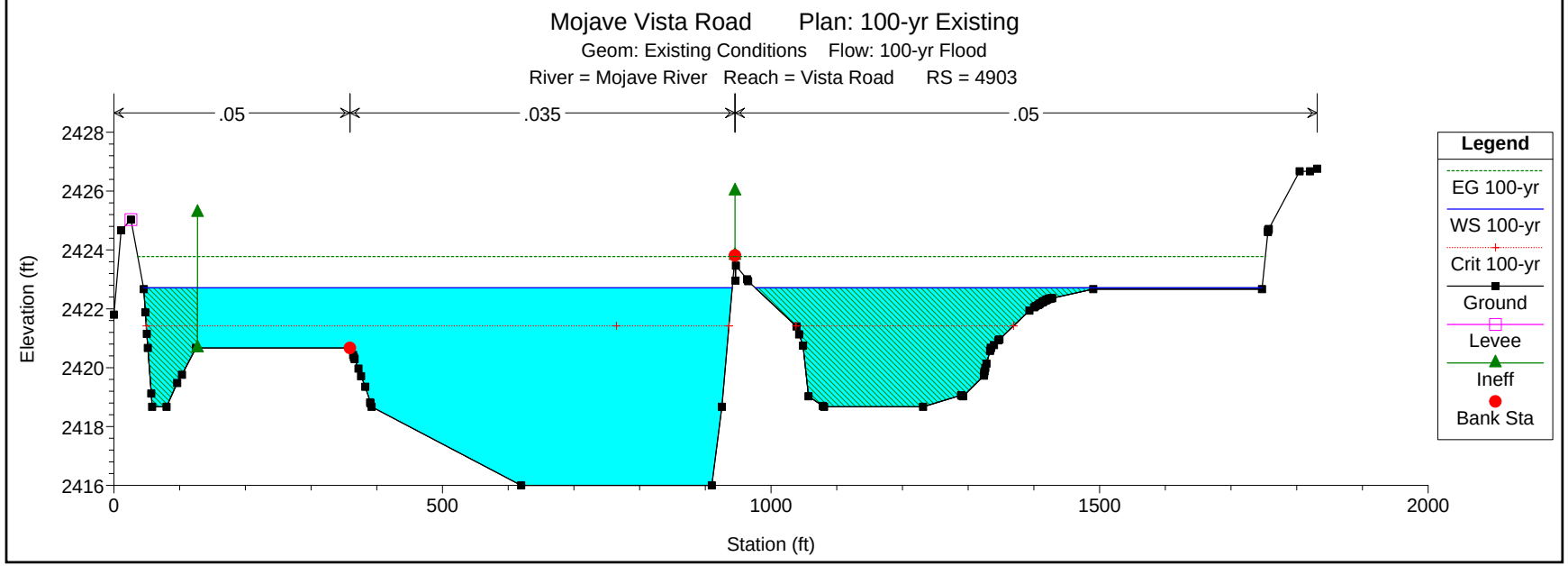

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 6073
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

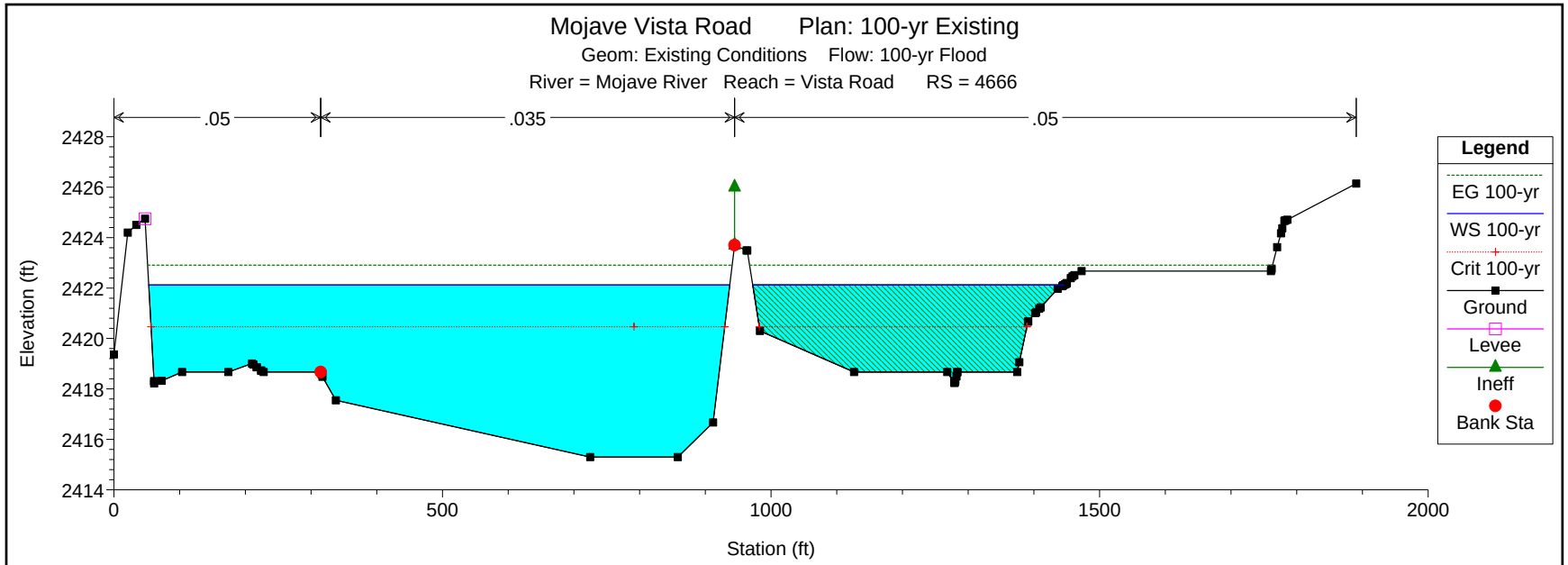

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 5928
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

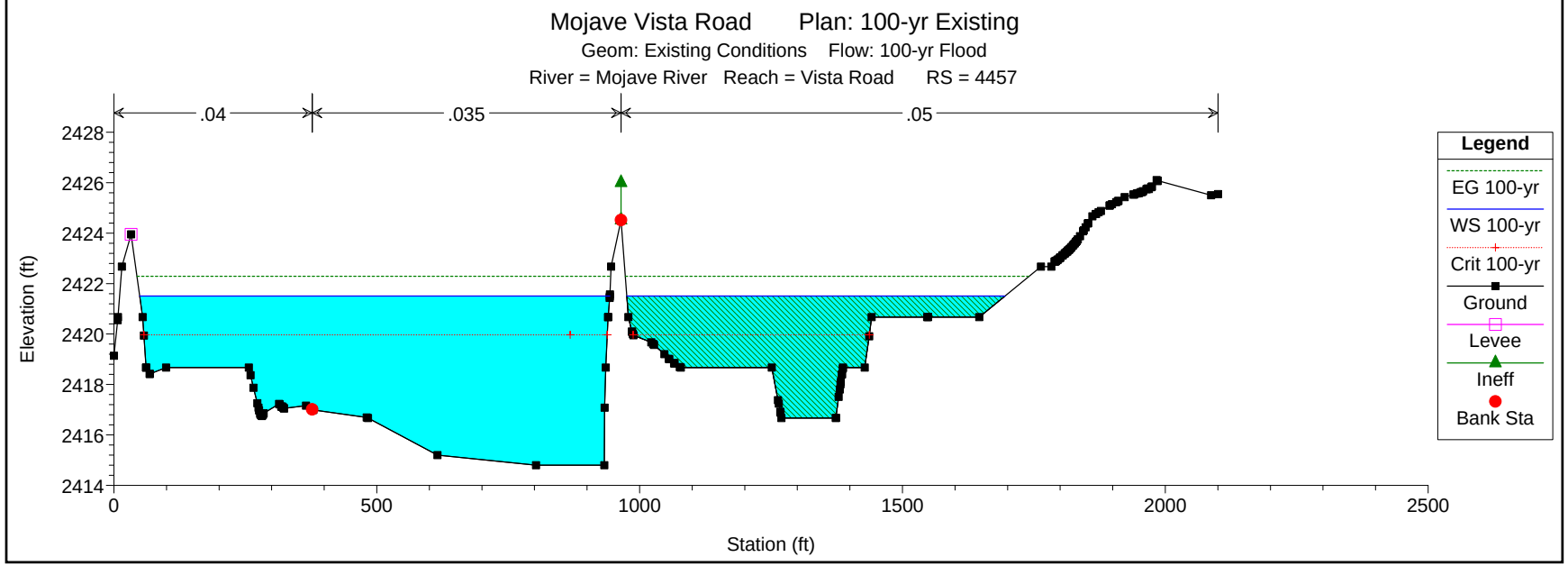

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 5589
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

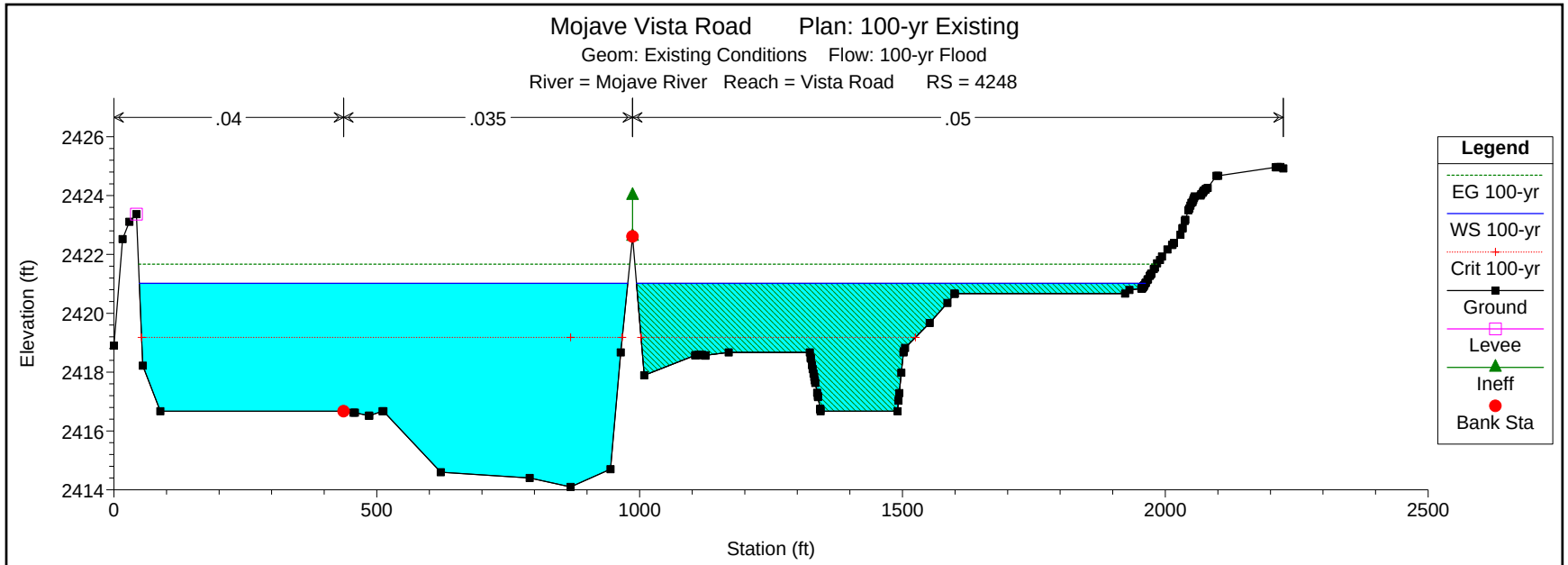

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 5375
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

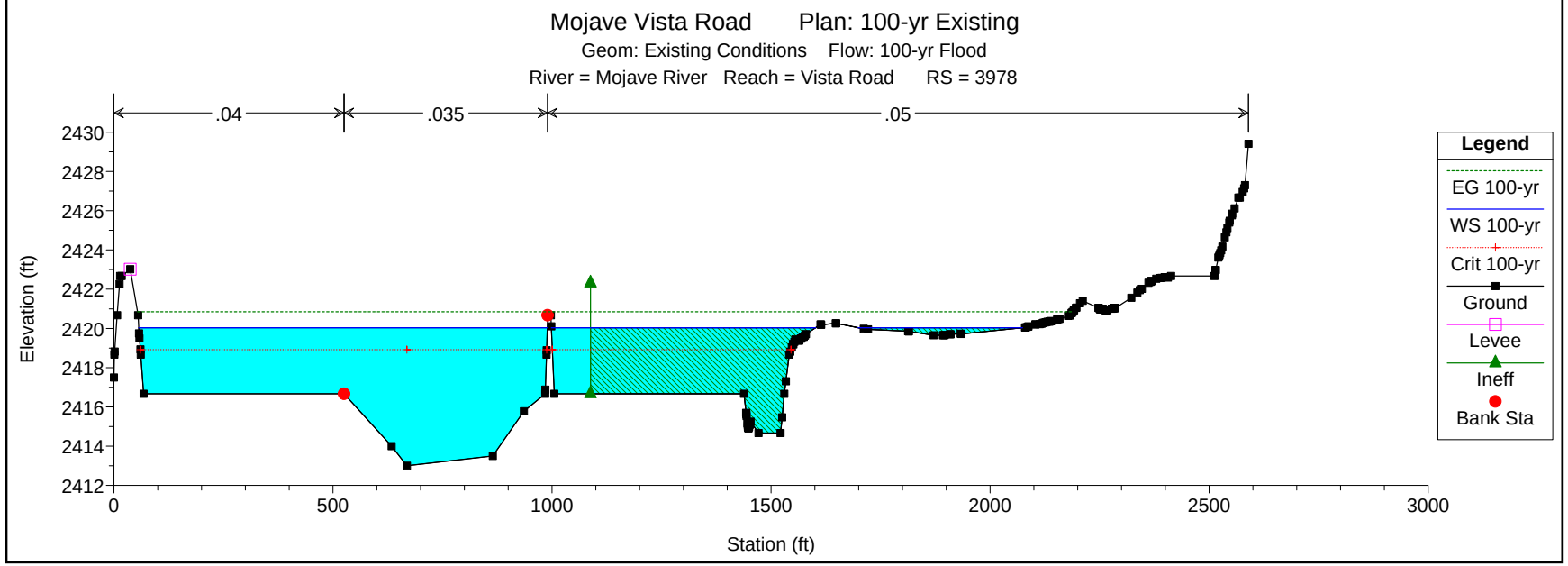

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 5114
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

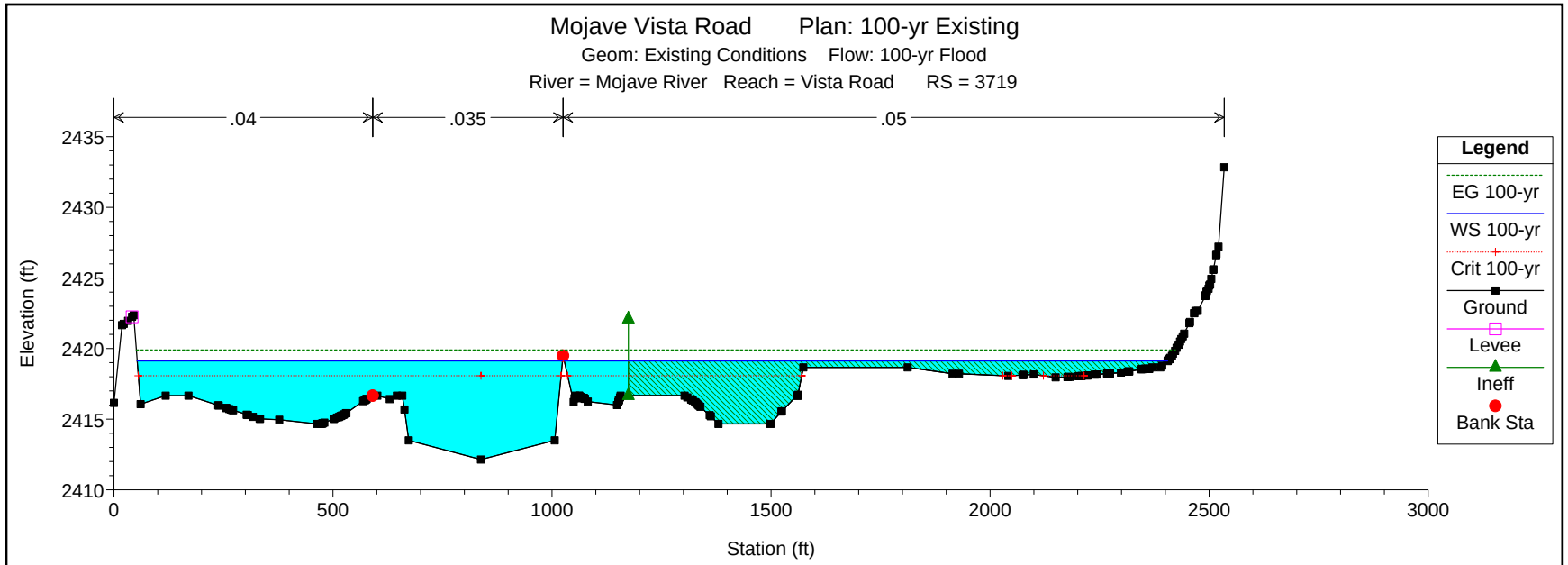

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 4903
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

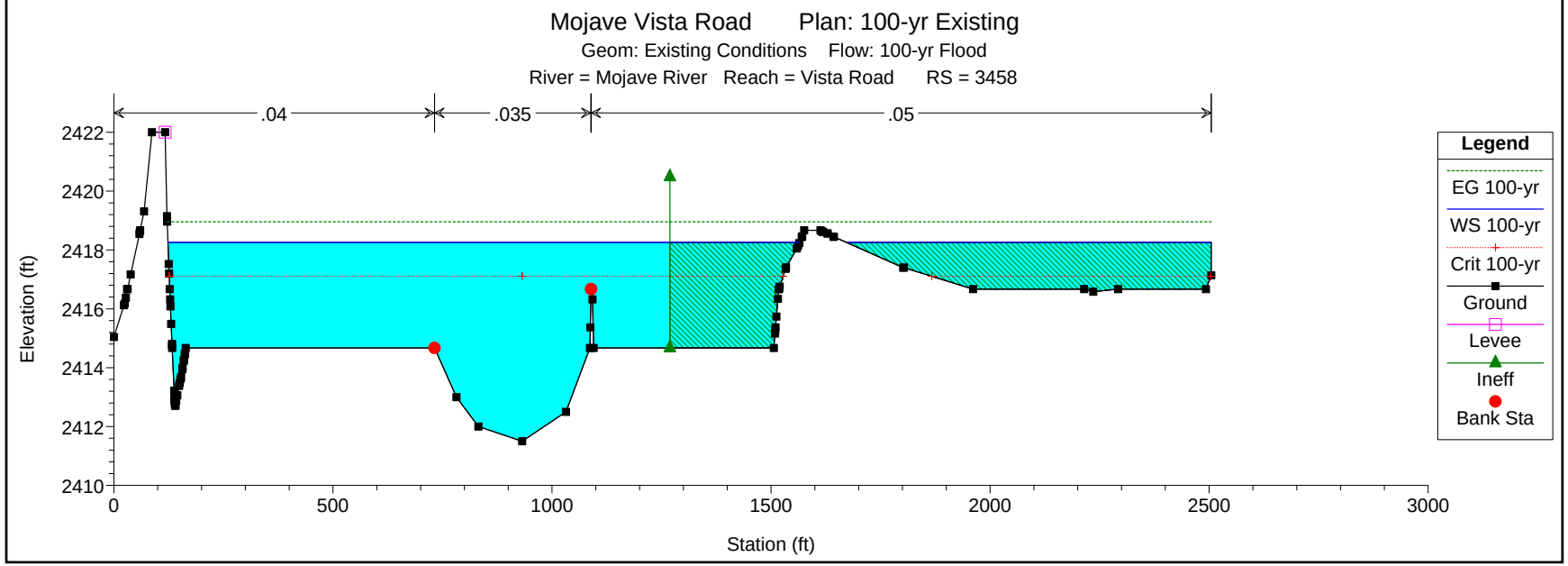

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 4666
.05
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

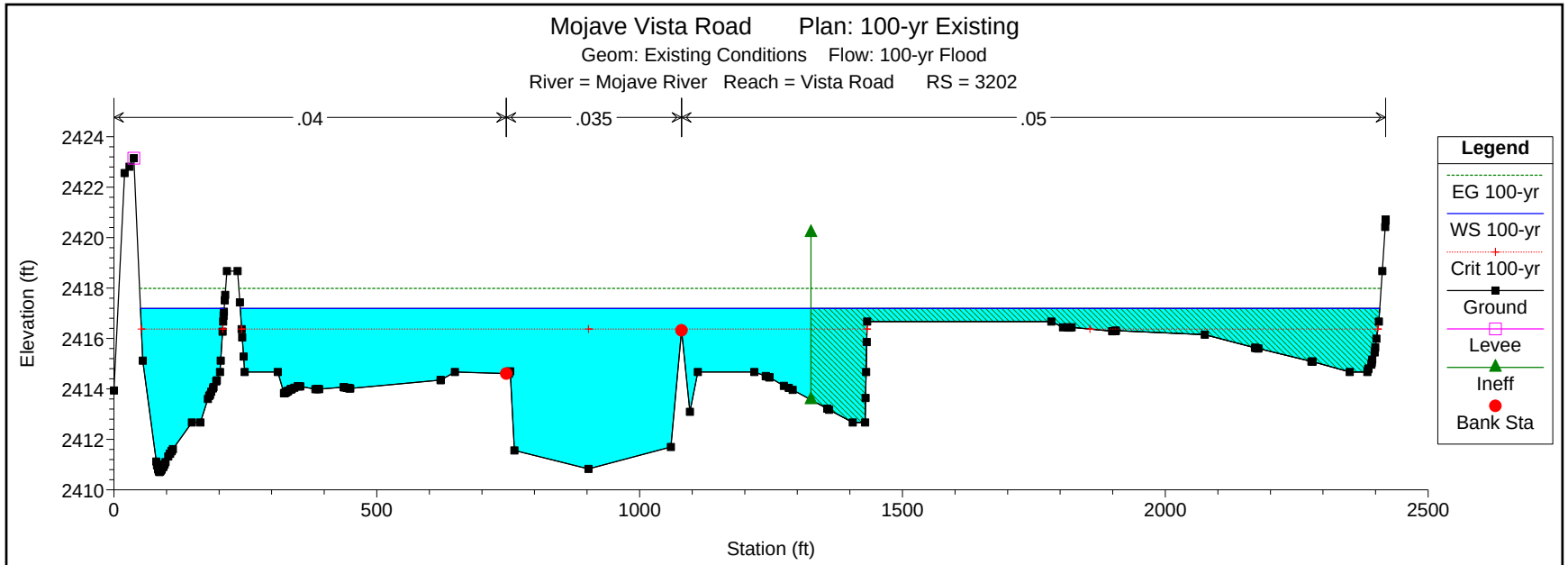

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 4457
.04
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

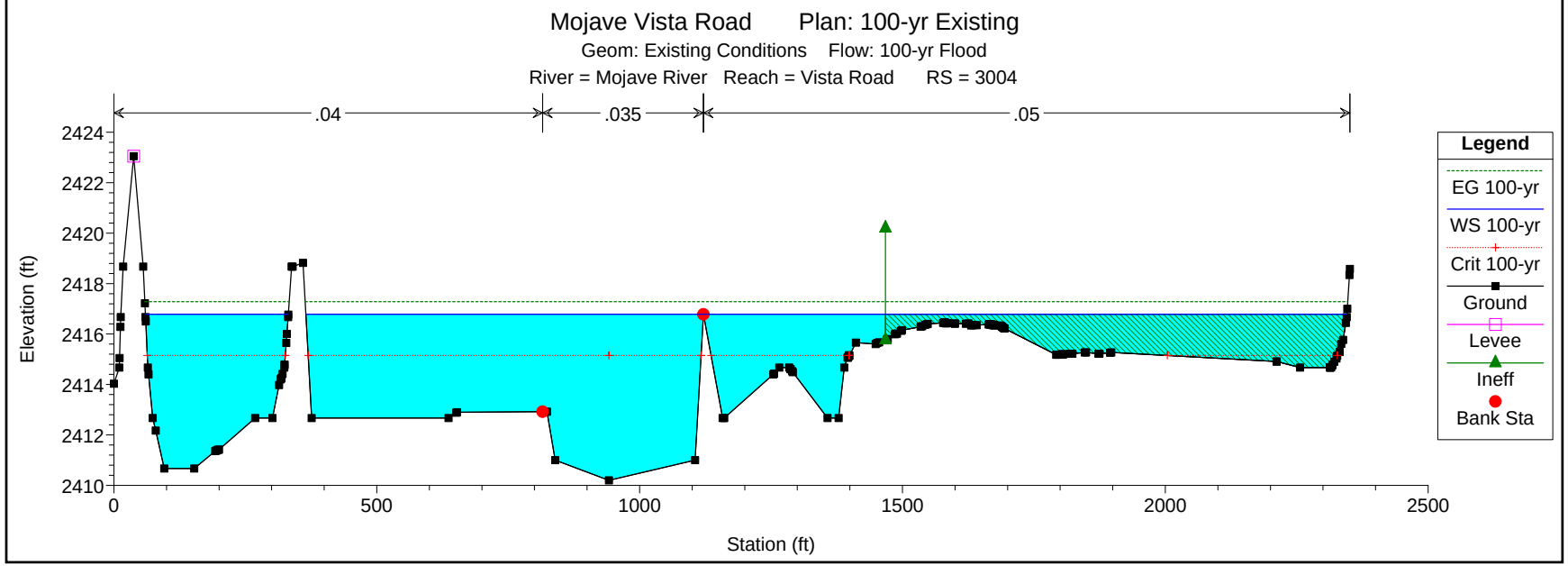

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 4248
.04
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

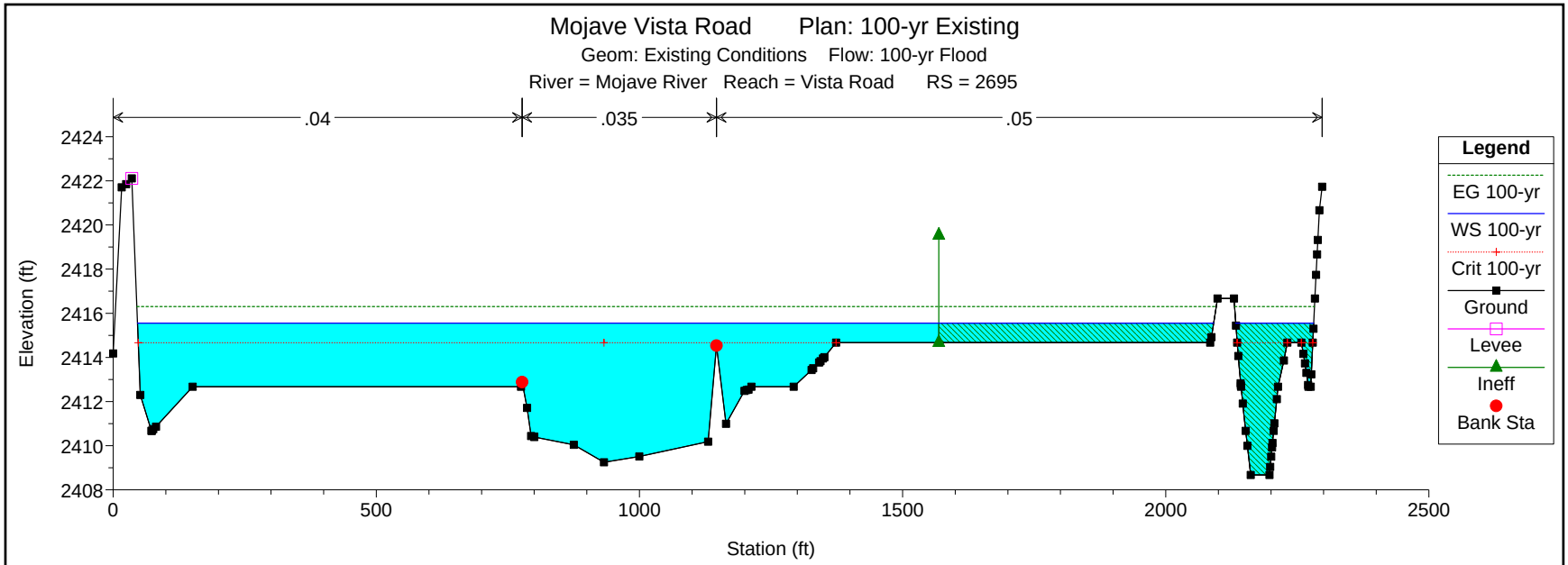

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 3978
.04
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

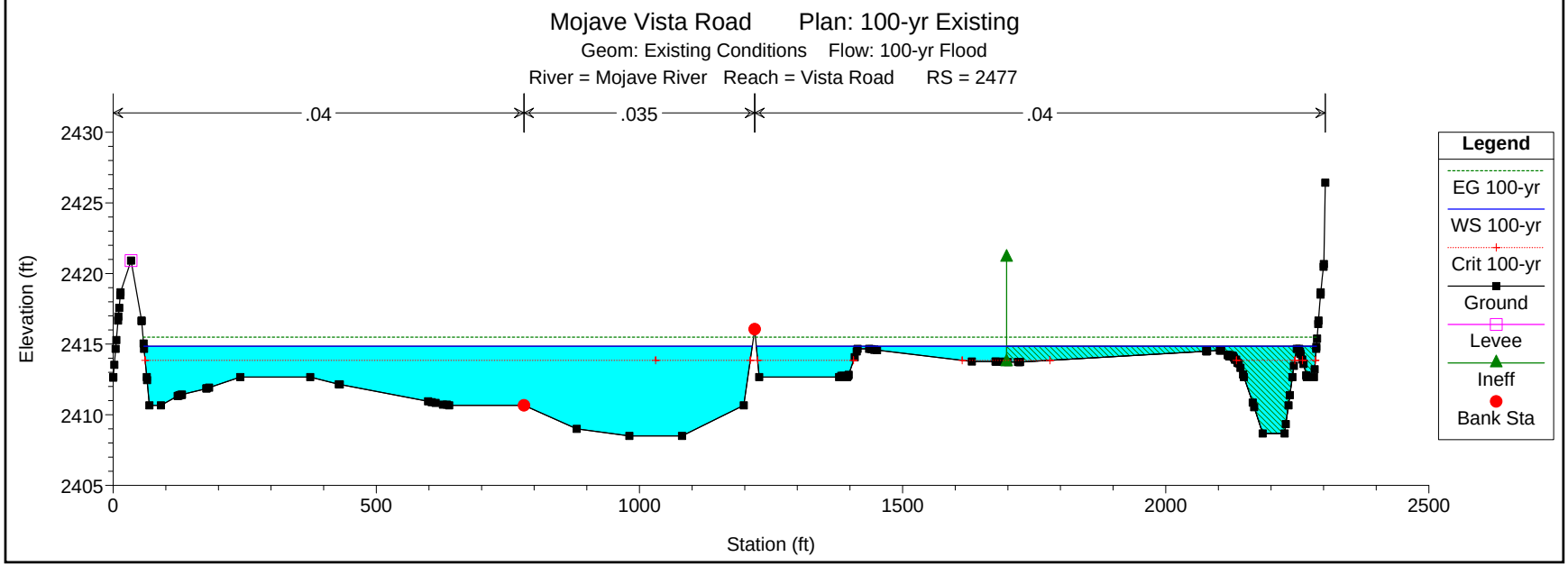

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 3719
.04
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

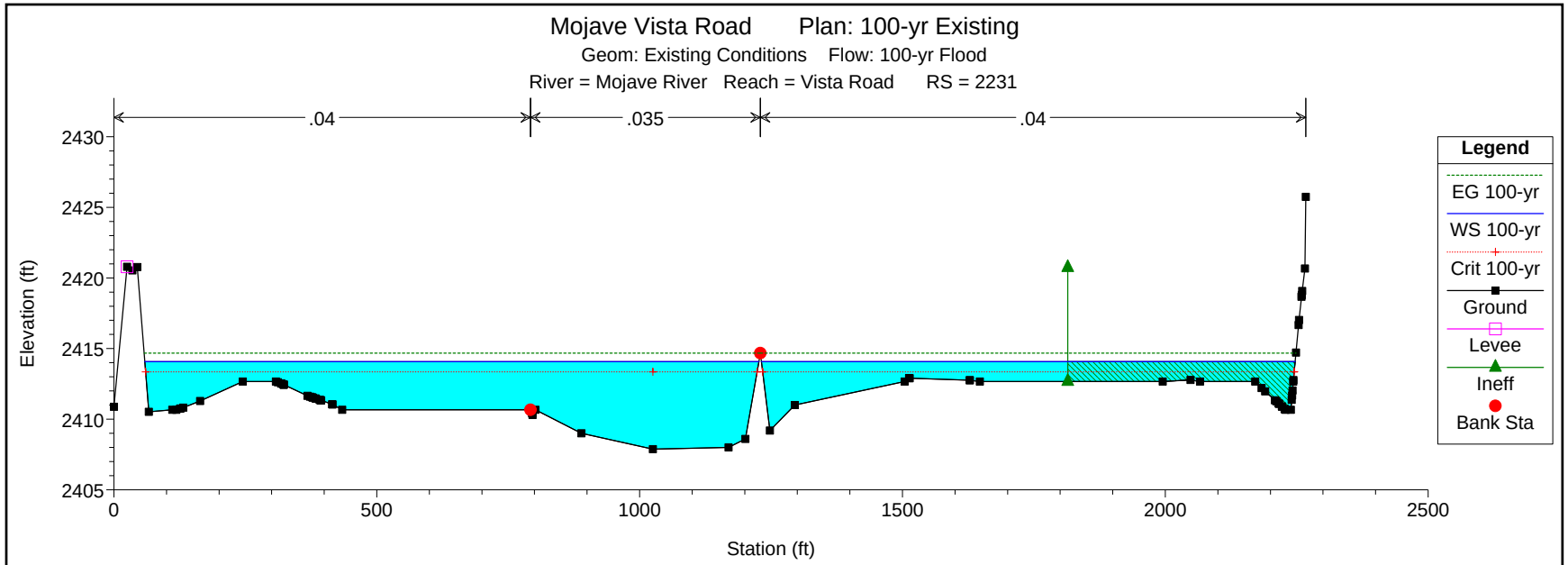

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 3458
.04
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

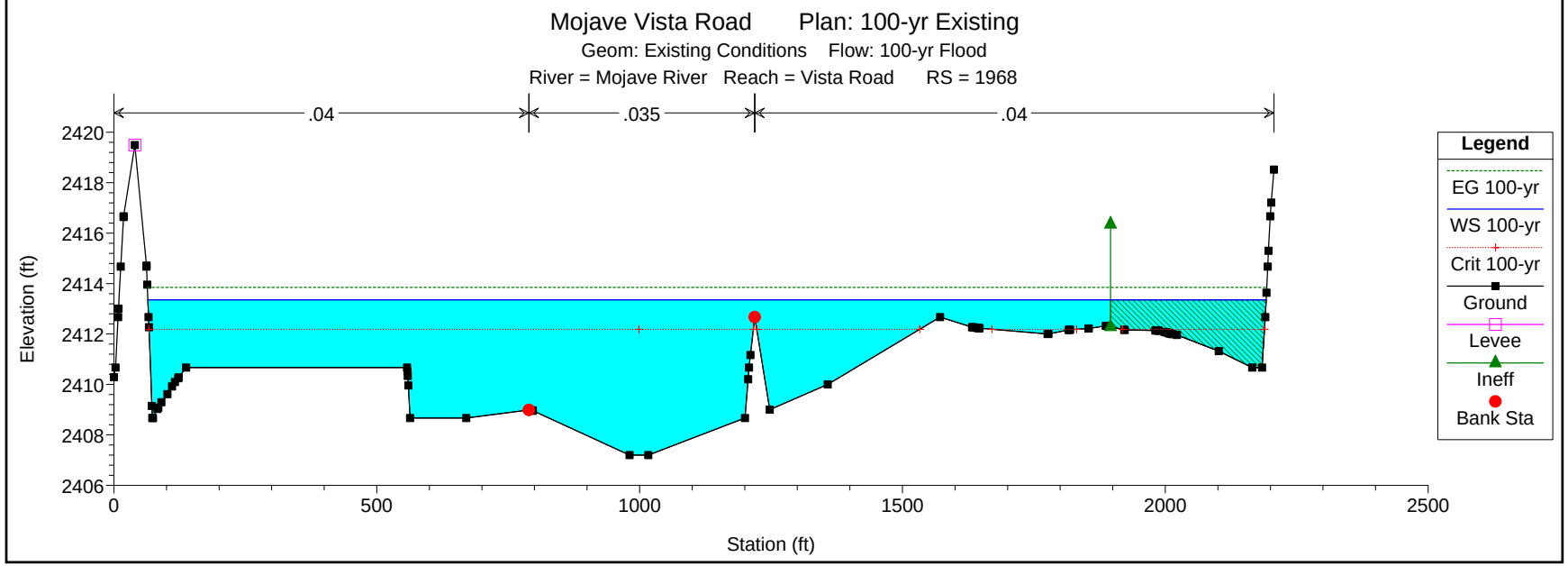

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 3202
.04
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

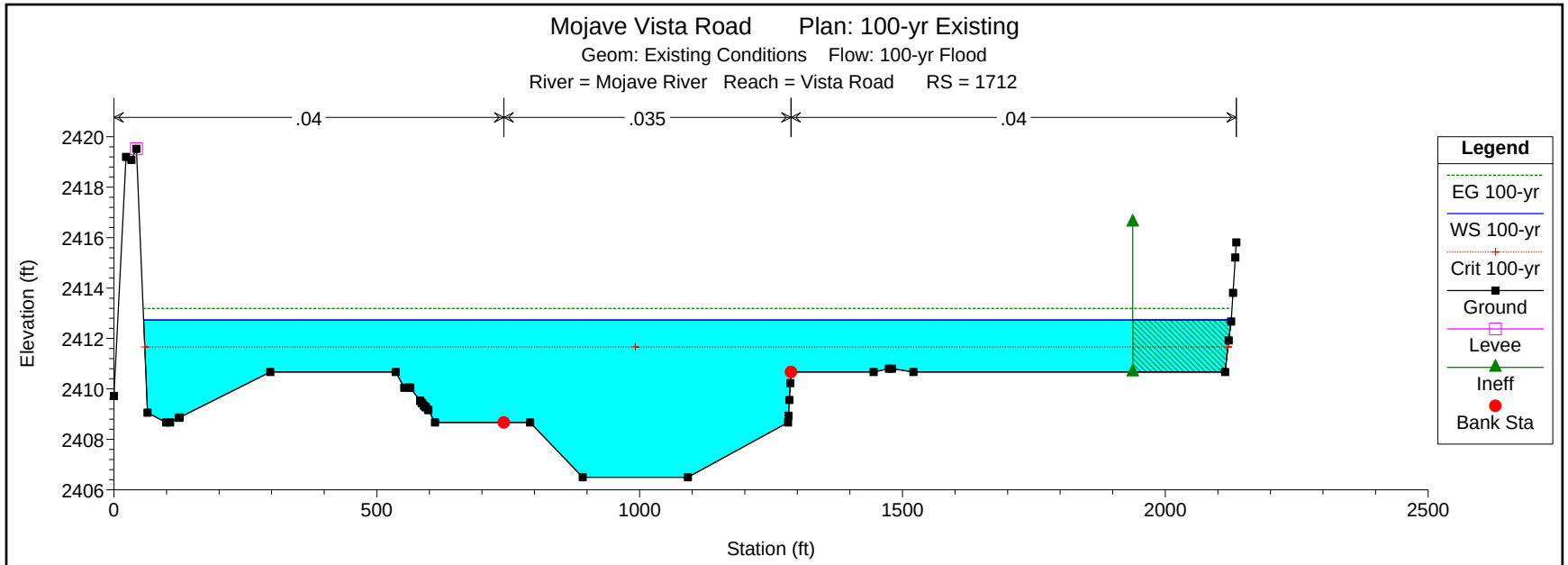

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 3004
.04
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

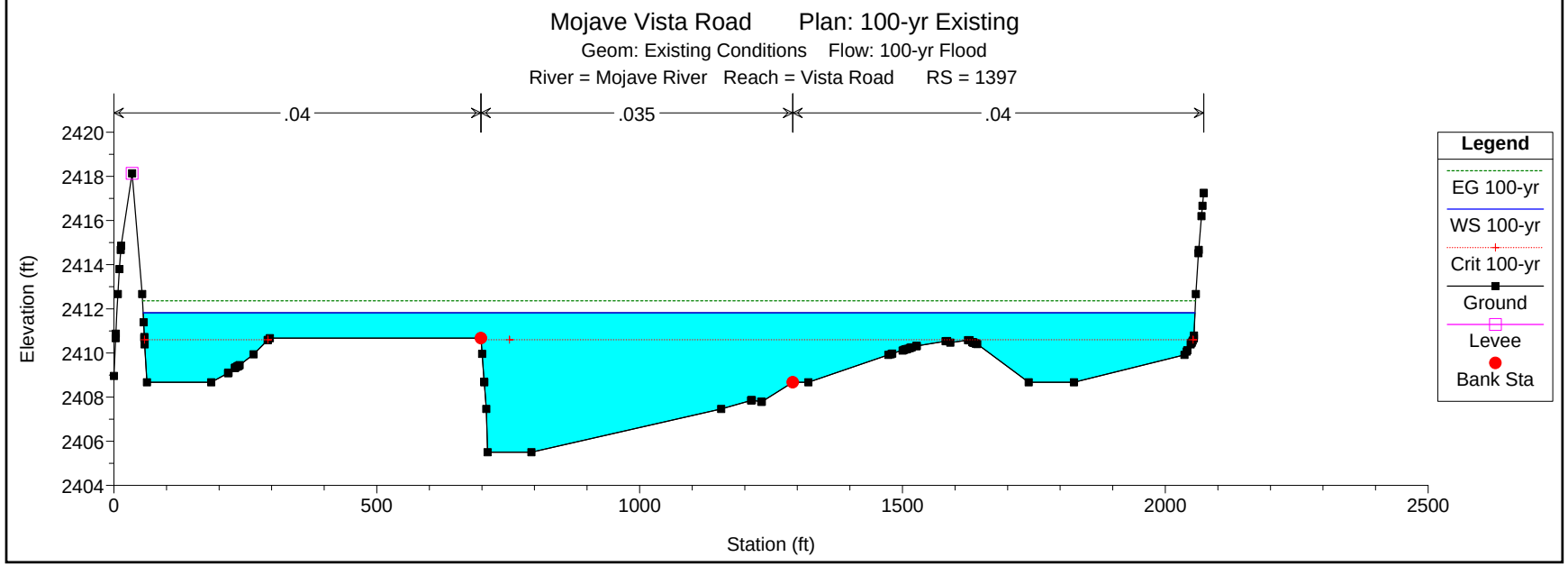

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 2695
.04
.035
.05
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

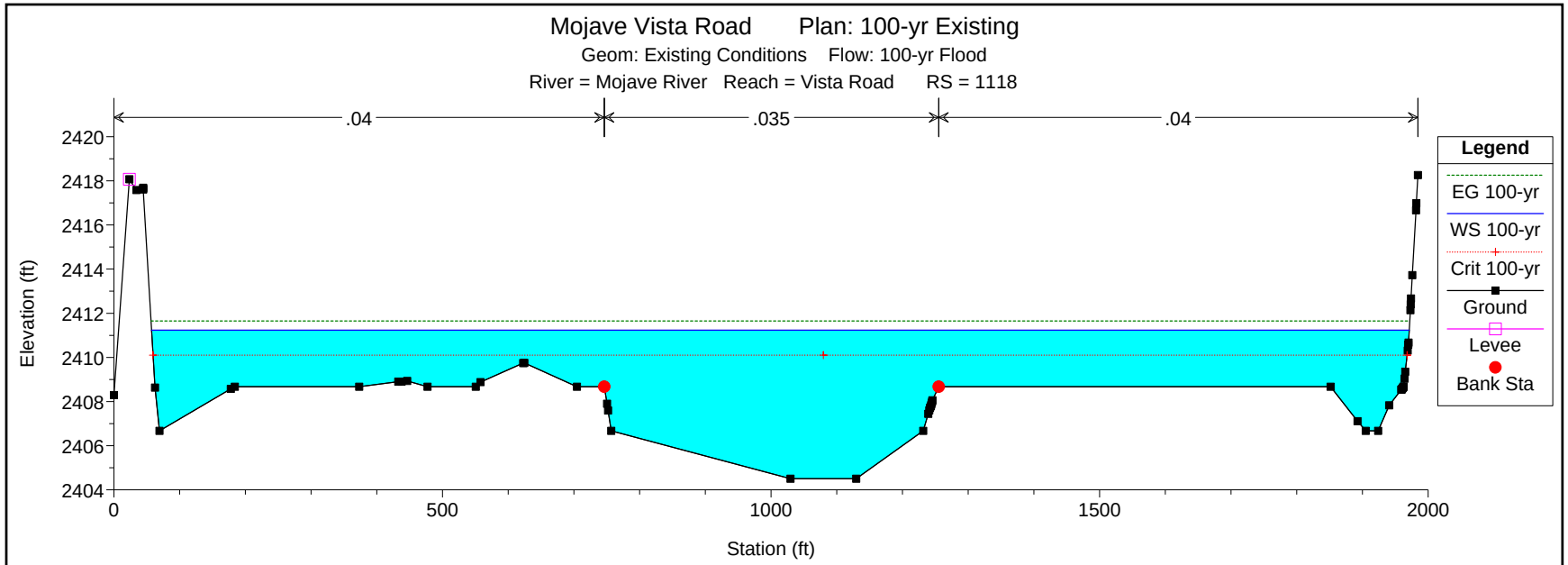

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 2477
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

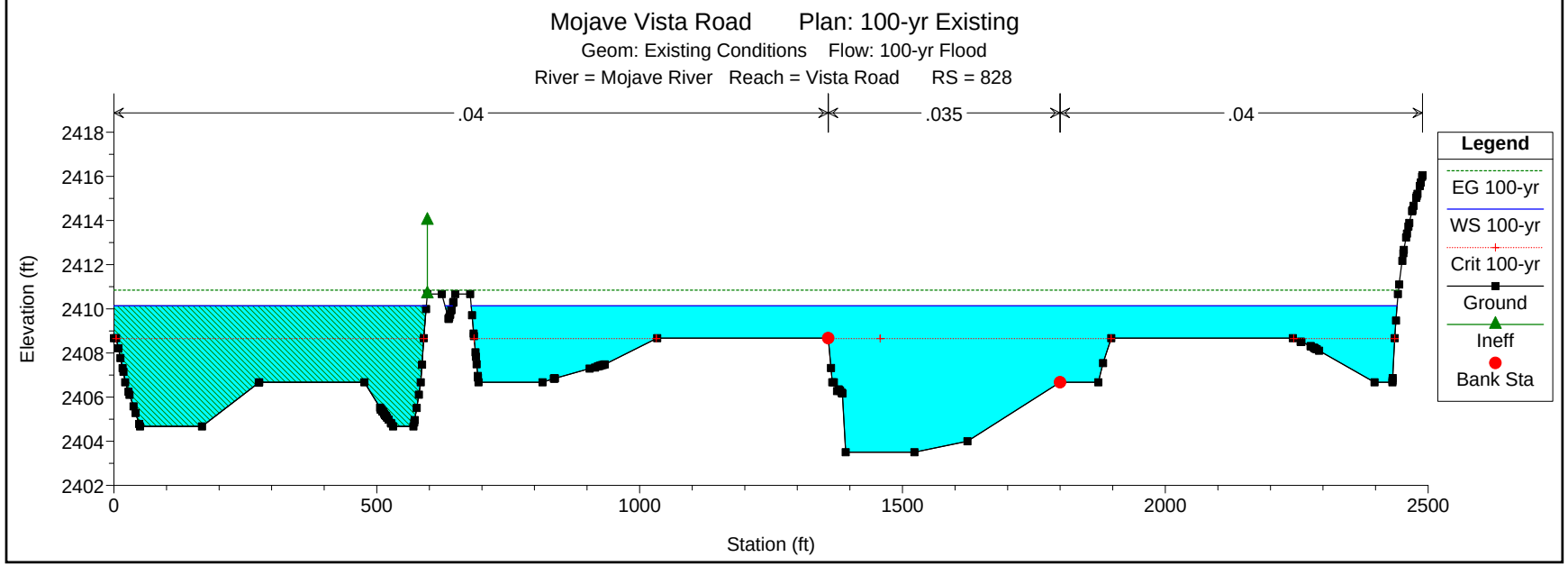

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 2231
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

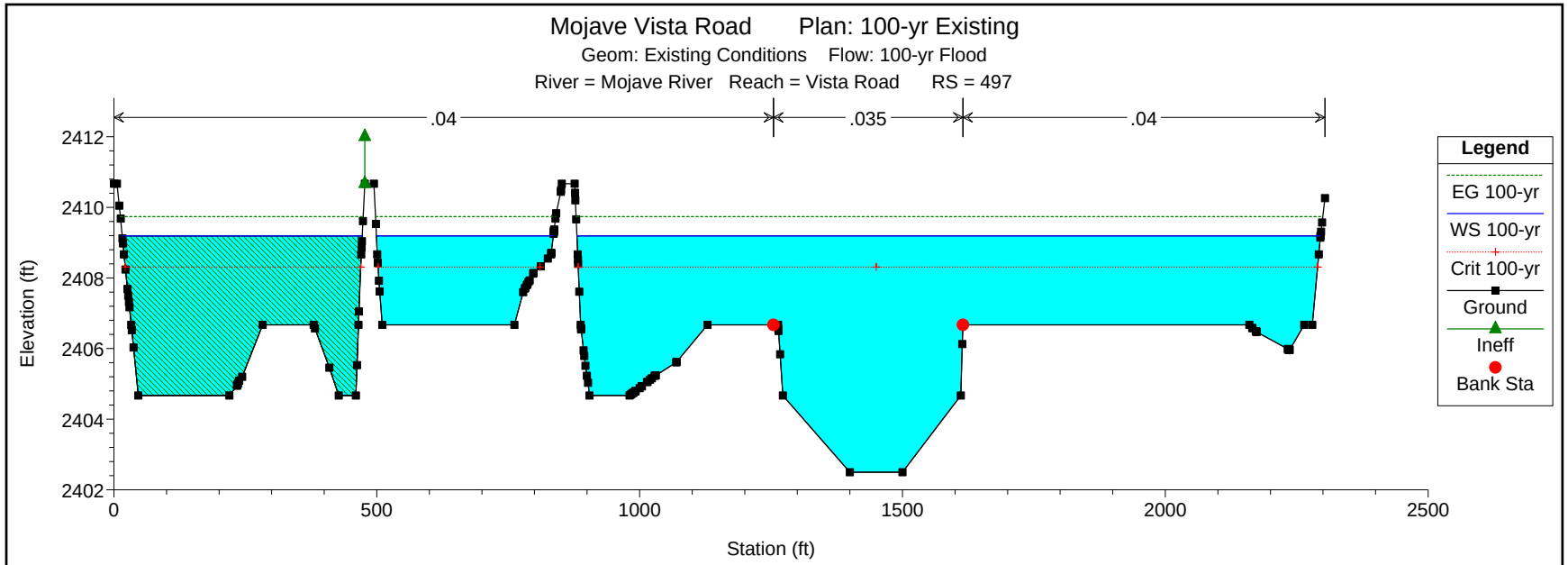

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 1968
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

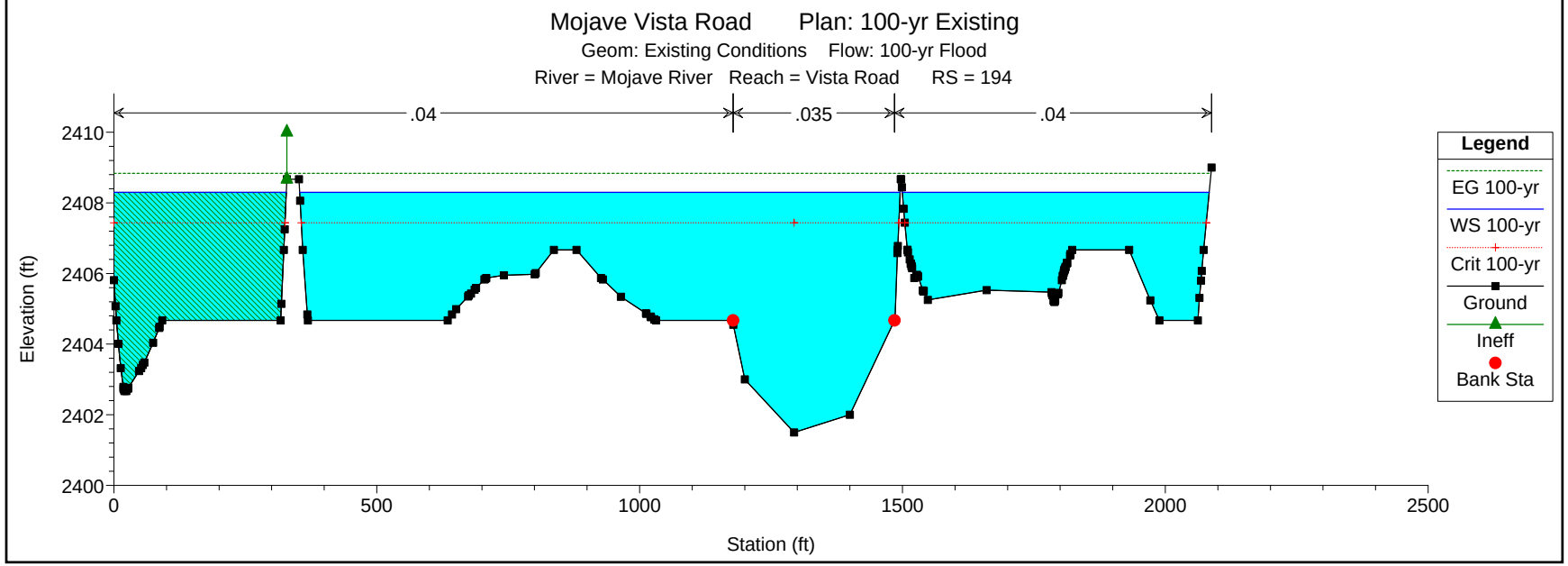

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 1712
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Ineff
Bank Sta

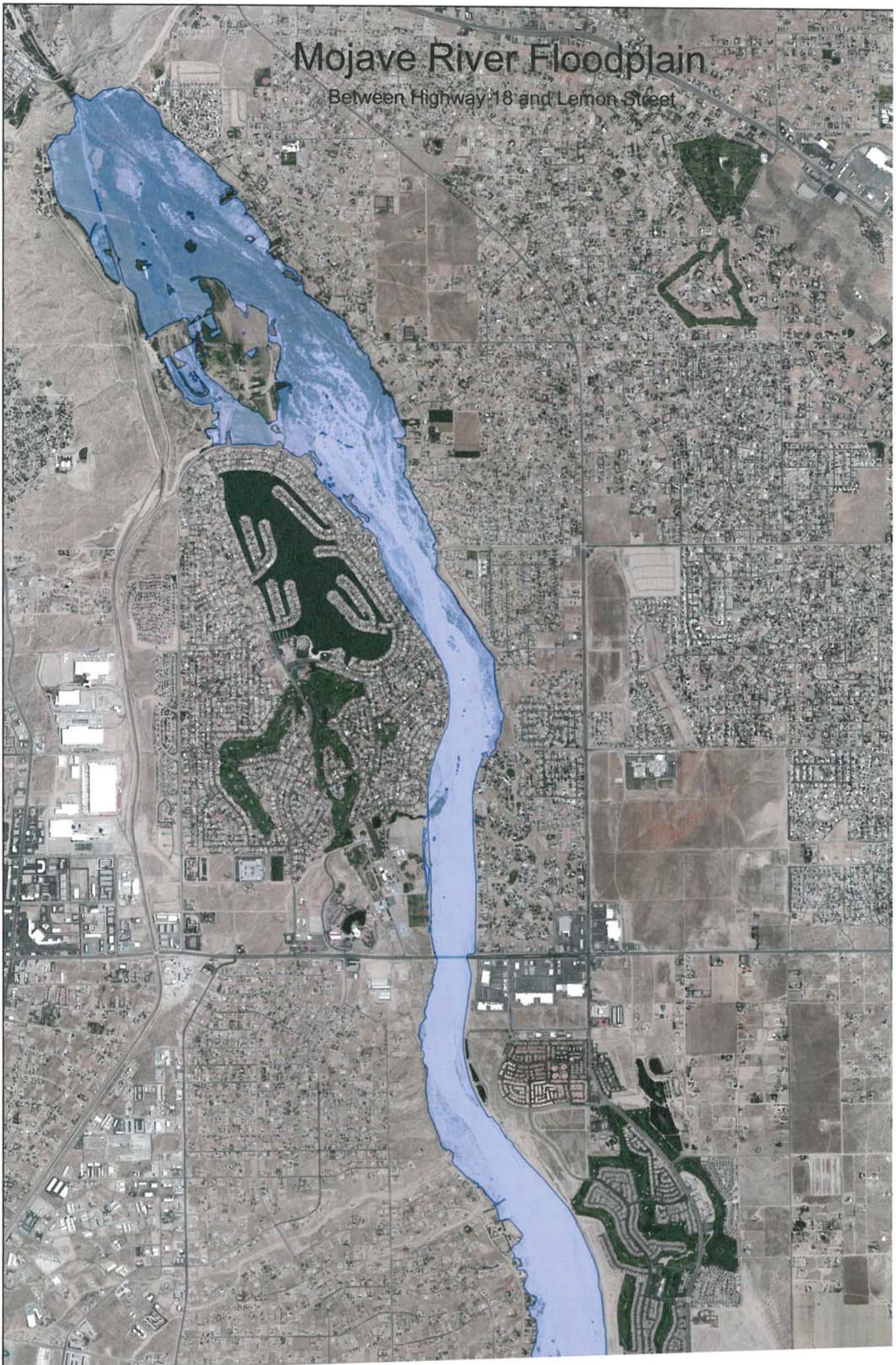

Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 1397
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta


Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 1118
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Levee
Bank Sta


Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 828
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Ineff
Bank Sta


Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 497
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Ineff
Bank Sta


Mojave Vista Road Plan: 100-yr Existing
Geom: Existing Conditions Flow: 100-yr Flood
River = Mojave River Reach = Vista Road RS = 194
.04
.035
.04
Elevation (ft)
Station (ft)
Legend
EG 100-yr
WS 100-yr
Crit 100-yr
Ground
Ineff
Bank Sta


Mojave River Floodplain
Between Highway 18 and Lemon Street