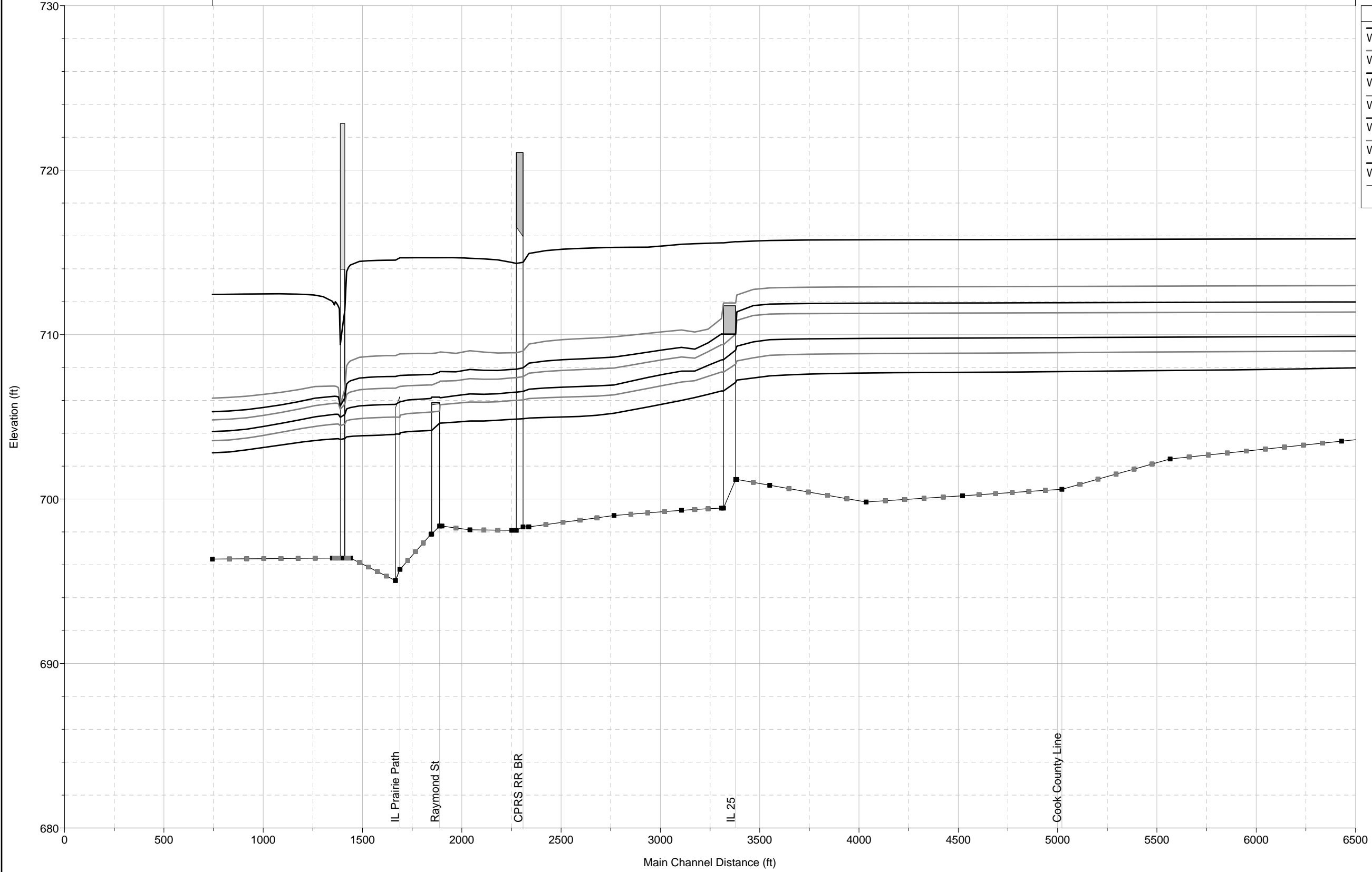


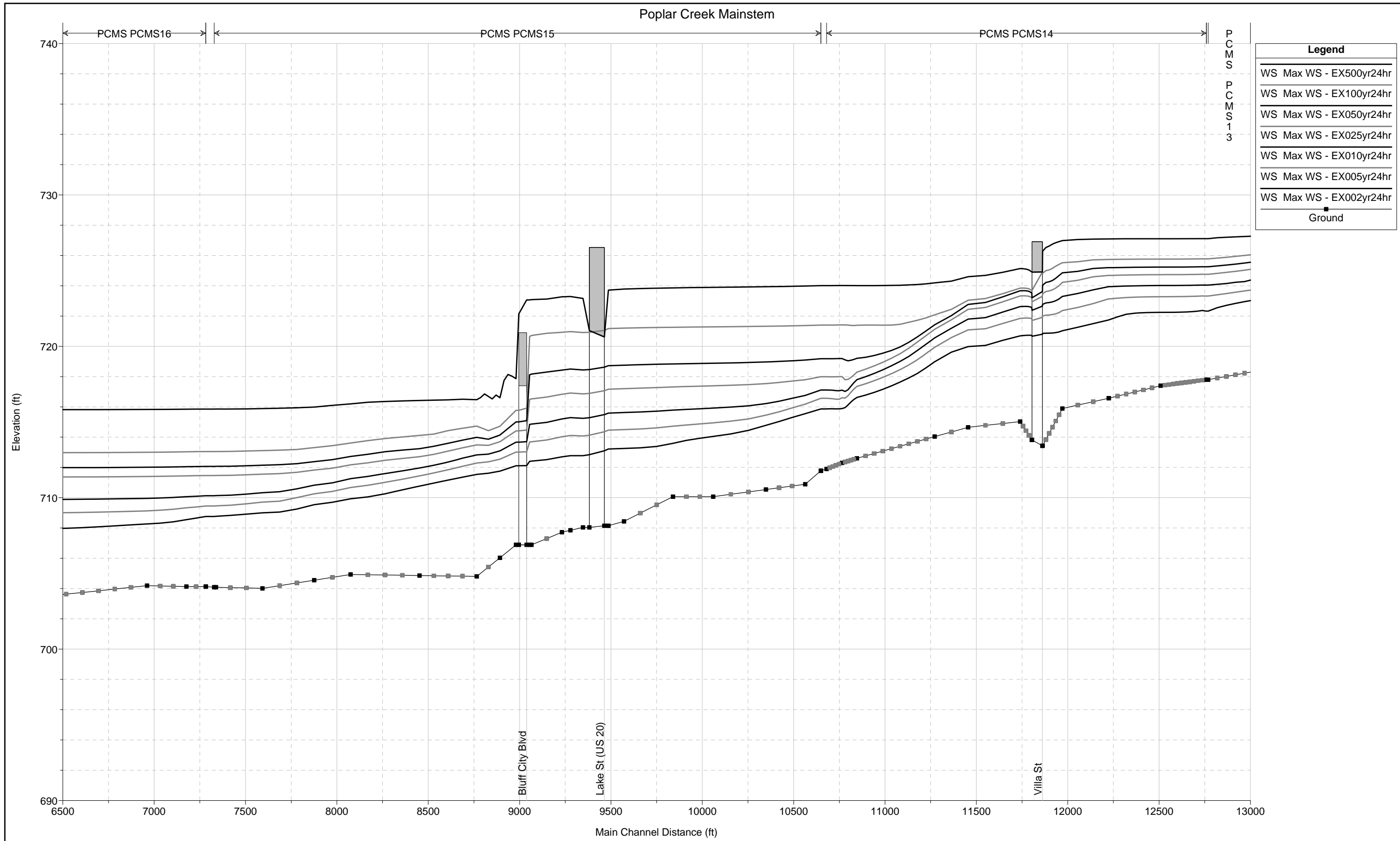
Appendix H
Hydraulic Profiles for Existing Conditions

Poplar Creek Mainstem

PCMS PCMS16

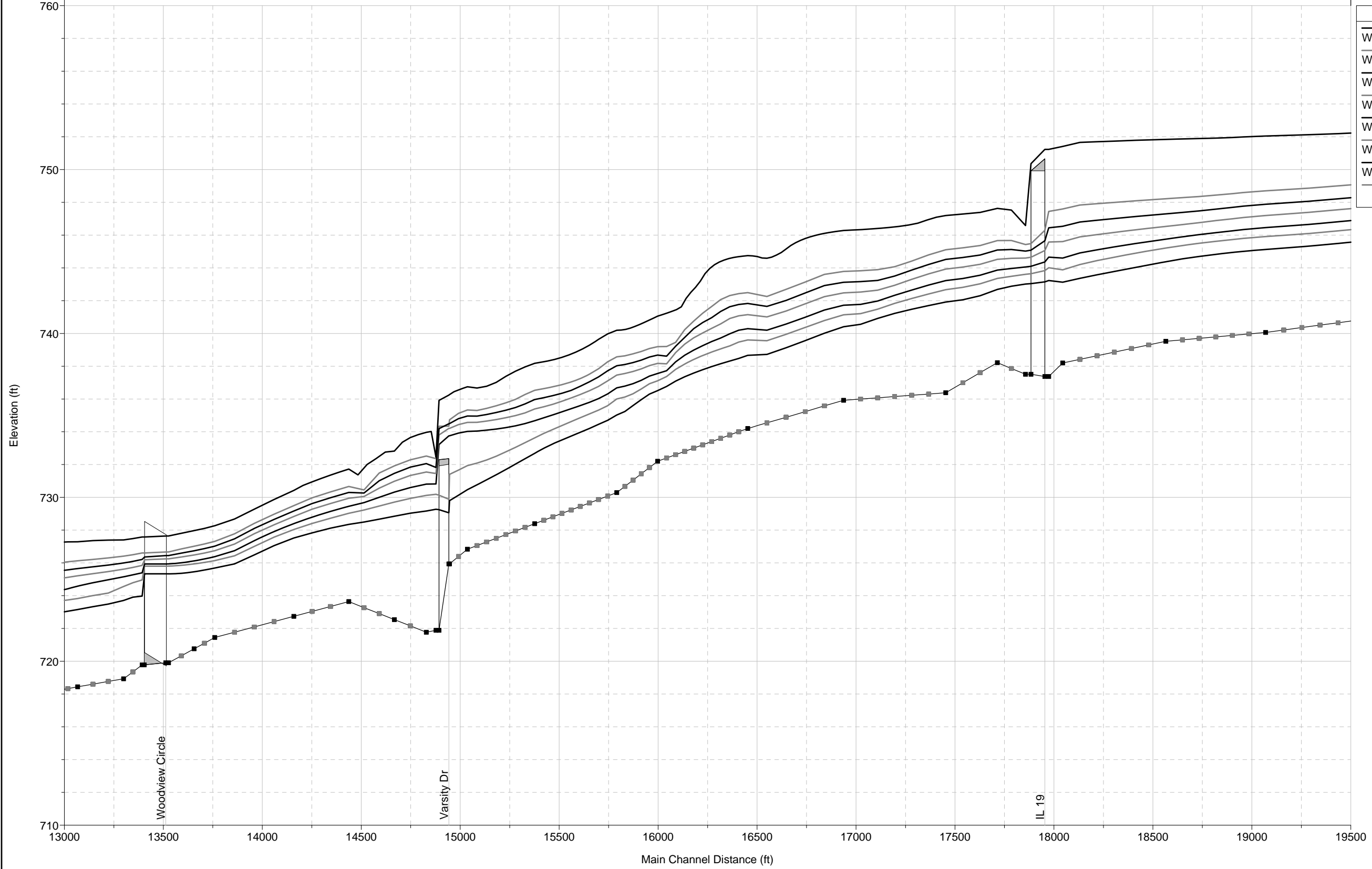


| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |



Poplar Creek Mainstem

PCMS PCMS13



| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX50yr24hr | |
| WS Max WS - EX25yr24hr | |
| WS Max WS - EX10yr24hr | |
| WS Max WS - EX05yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

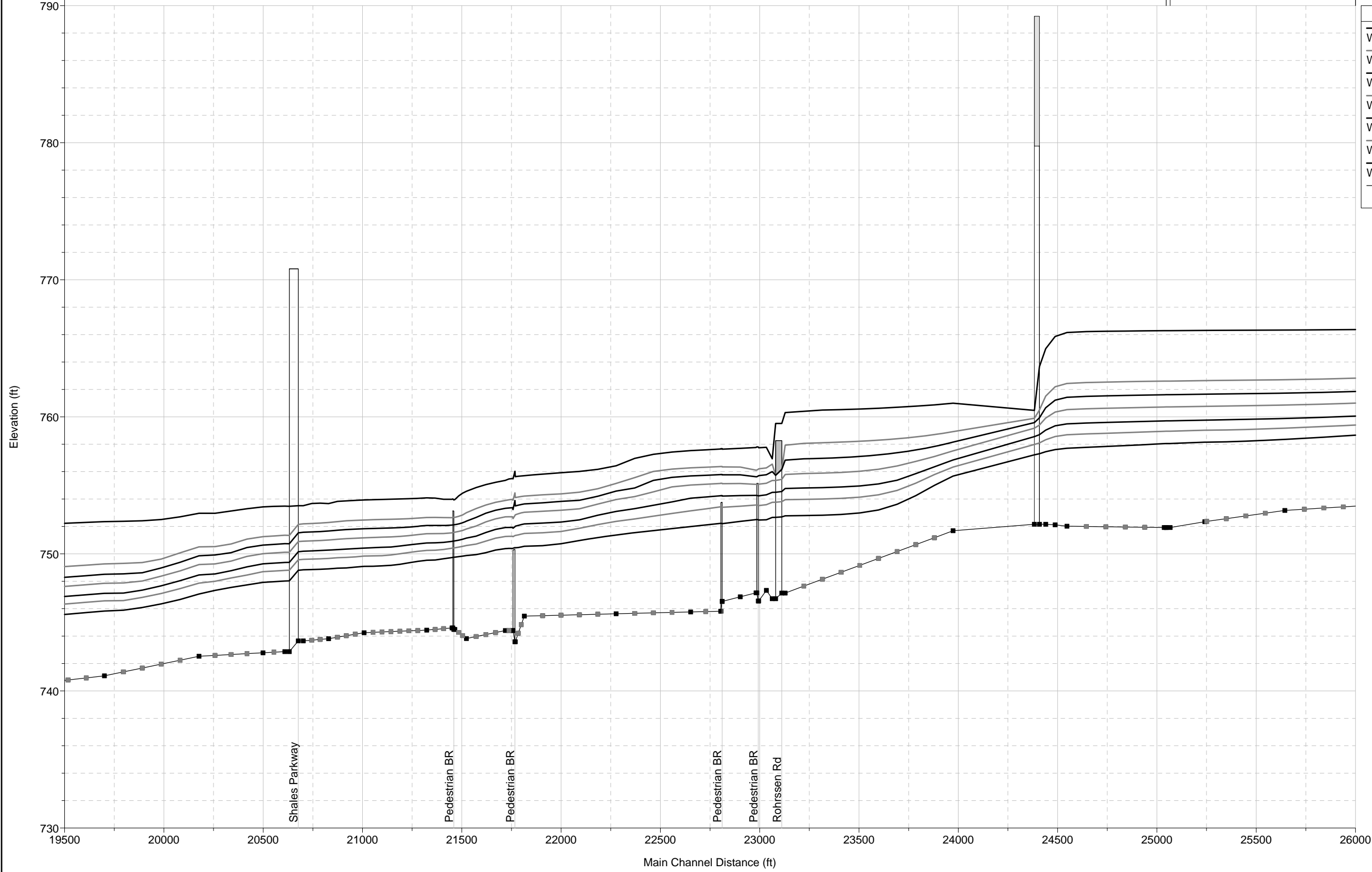
Poplar Creek Mainstem

PCMS PCMS13

PCMS PCMS12

Legend

- WS Max WS - EX500yr24hr
- WS Max WS - EX100yr24hr
- WS Max WS - EX050yr24hr
- WS Max WS - EX025yr24hr
- WS Max WS - EX010yr24hr
- WS Max WS - EX005yr24hr
- WS Max WS - EX002yr24hr
- Ground



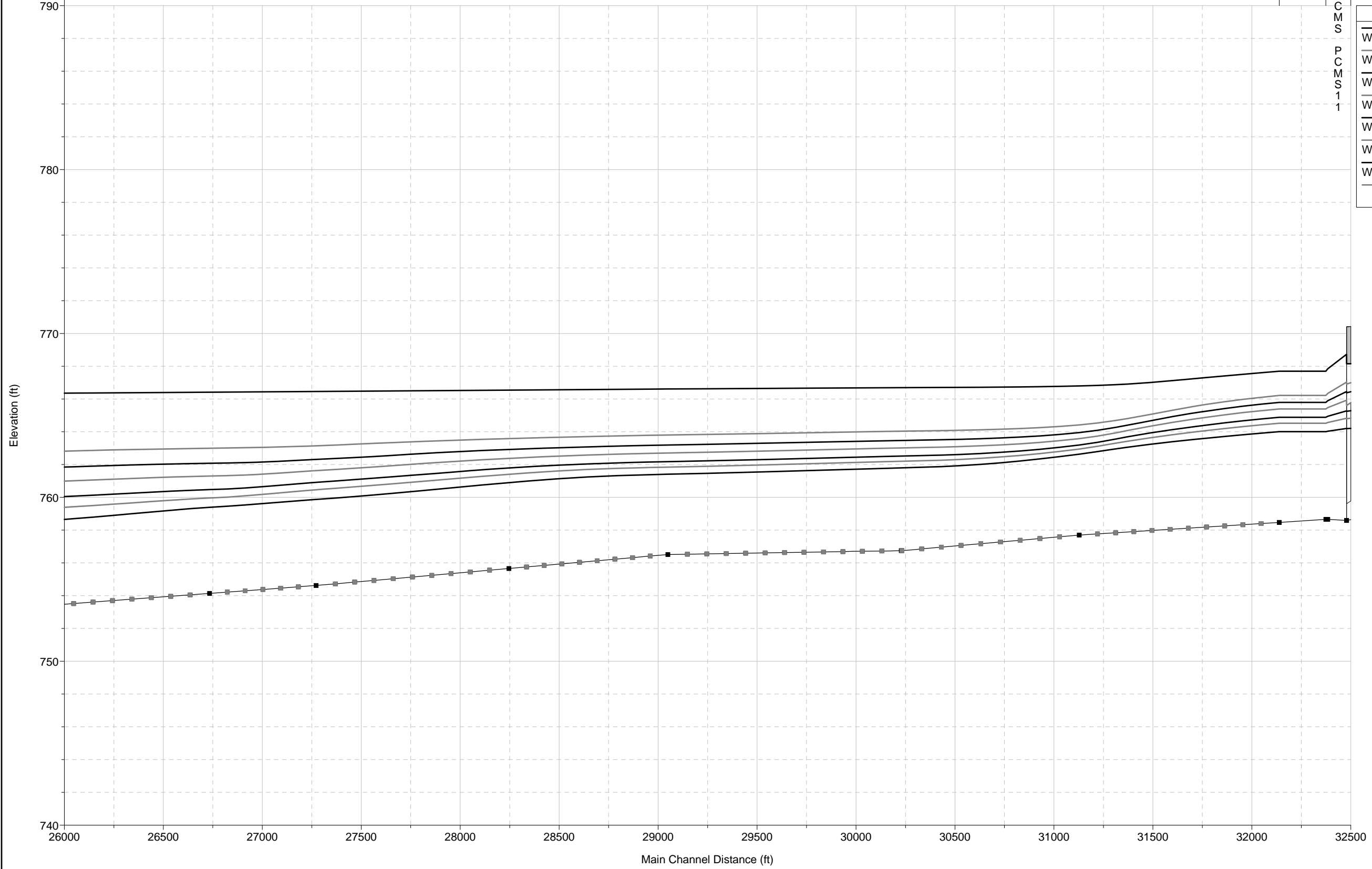
Poplar Creek Mainstem

PCMS PCMS12

PCMS
PCMS1
1

Legend

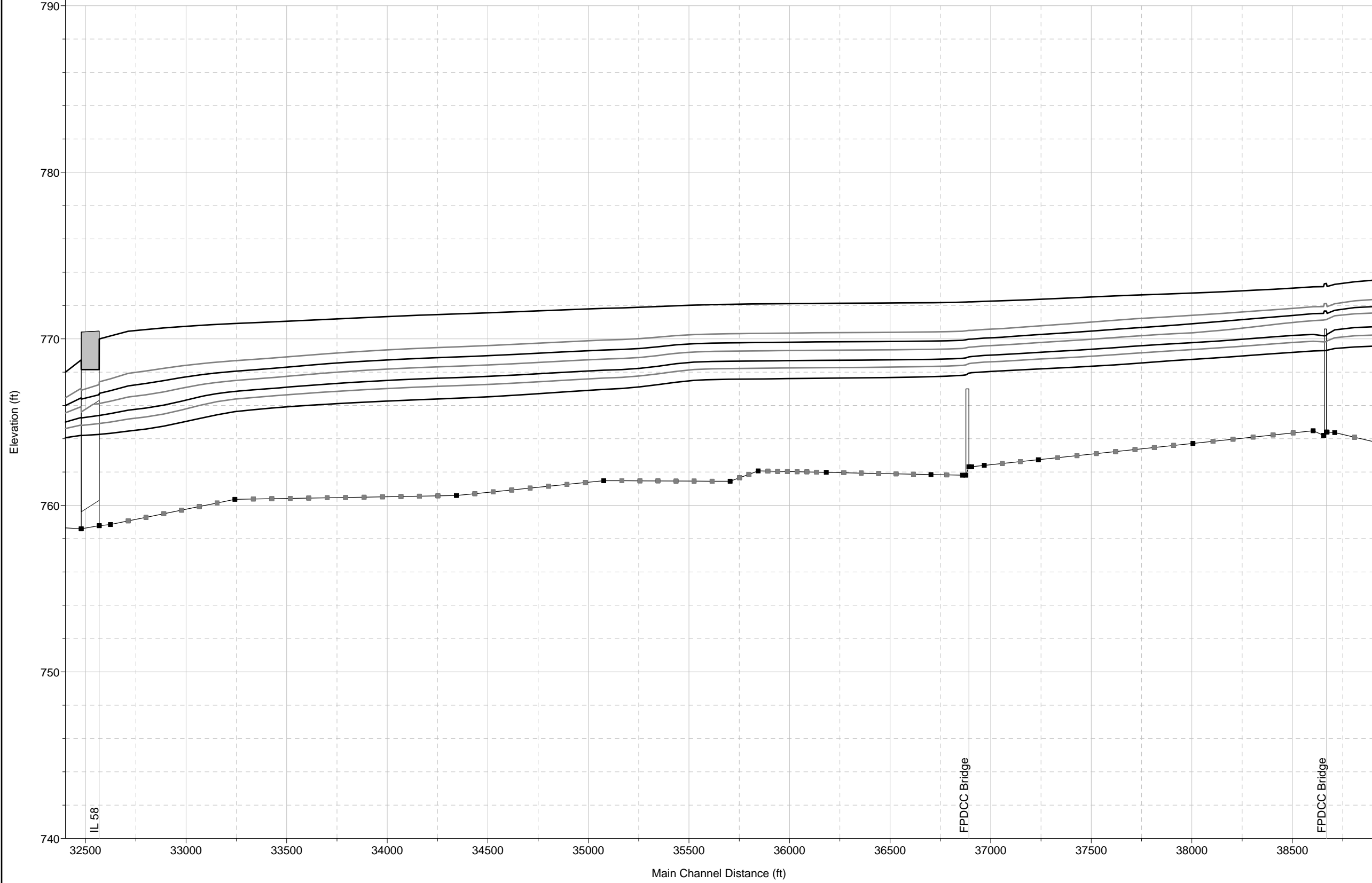
- WS Max WS - EX500yr24hr
- WS Max WS - EX100yr24hr
- WS Max WS - EX050yr24hr
- WS Max WS - EX025yr24hr
- WS Max WS - EX010yr24hr
- WS Max WS - EX005yr24hr
- WS Max WS - EX002yr24hr
- Ground



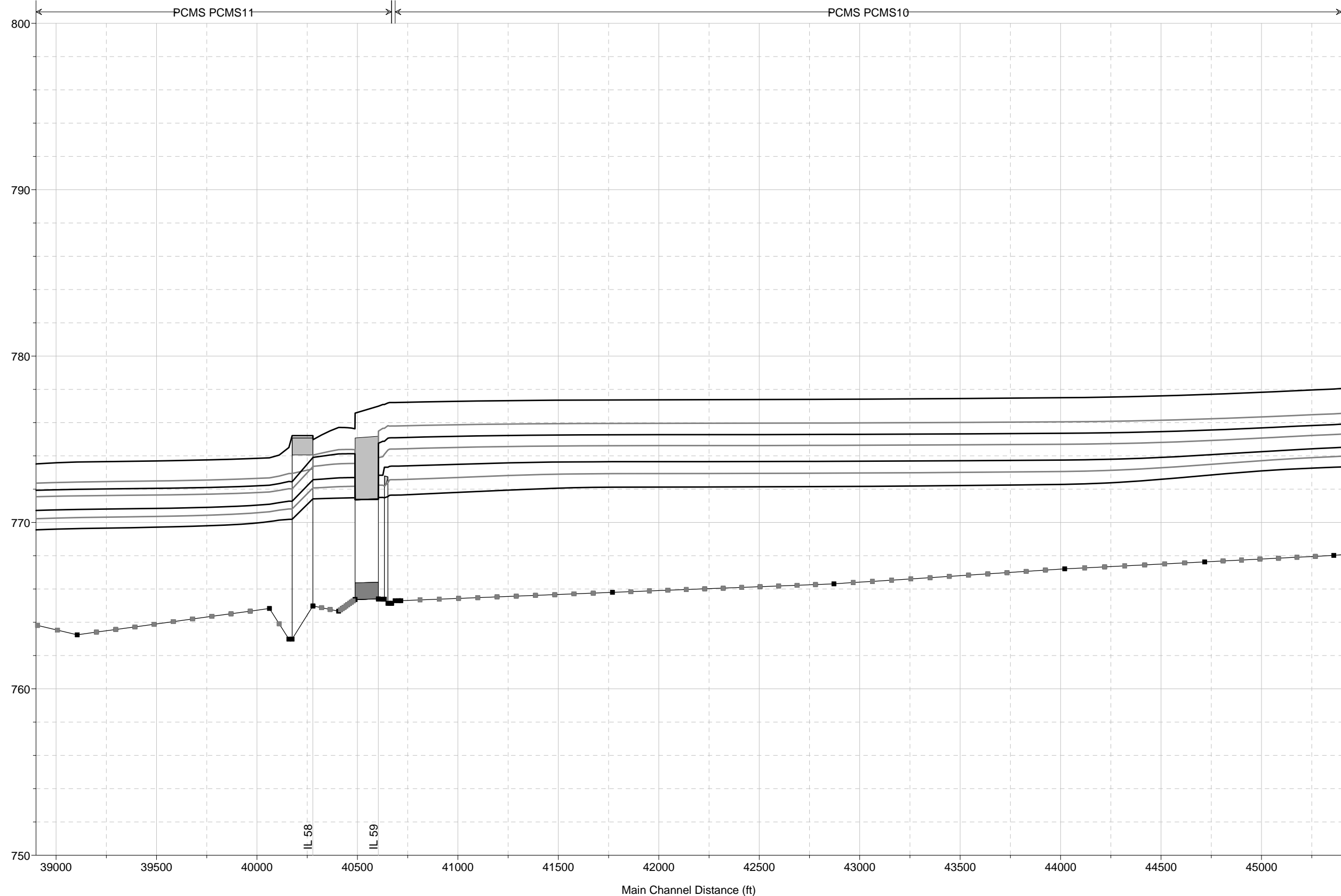
Poplar Creek Mainstem

PCMS PCMS11

| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX050yr24hr |
| WS | Max WS - EX025yr24hr |
| WS | Max WS - EX010yr24hr |
| WS | Max WS - EX005yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |



Poplar Creek Mainstem



| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

PCMS PCMS11

PCMS PCMS10

IL 58

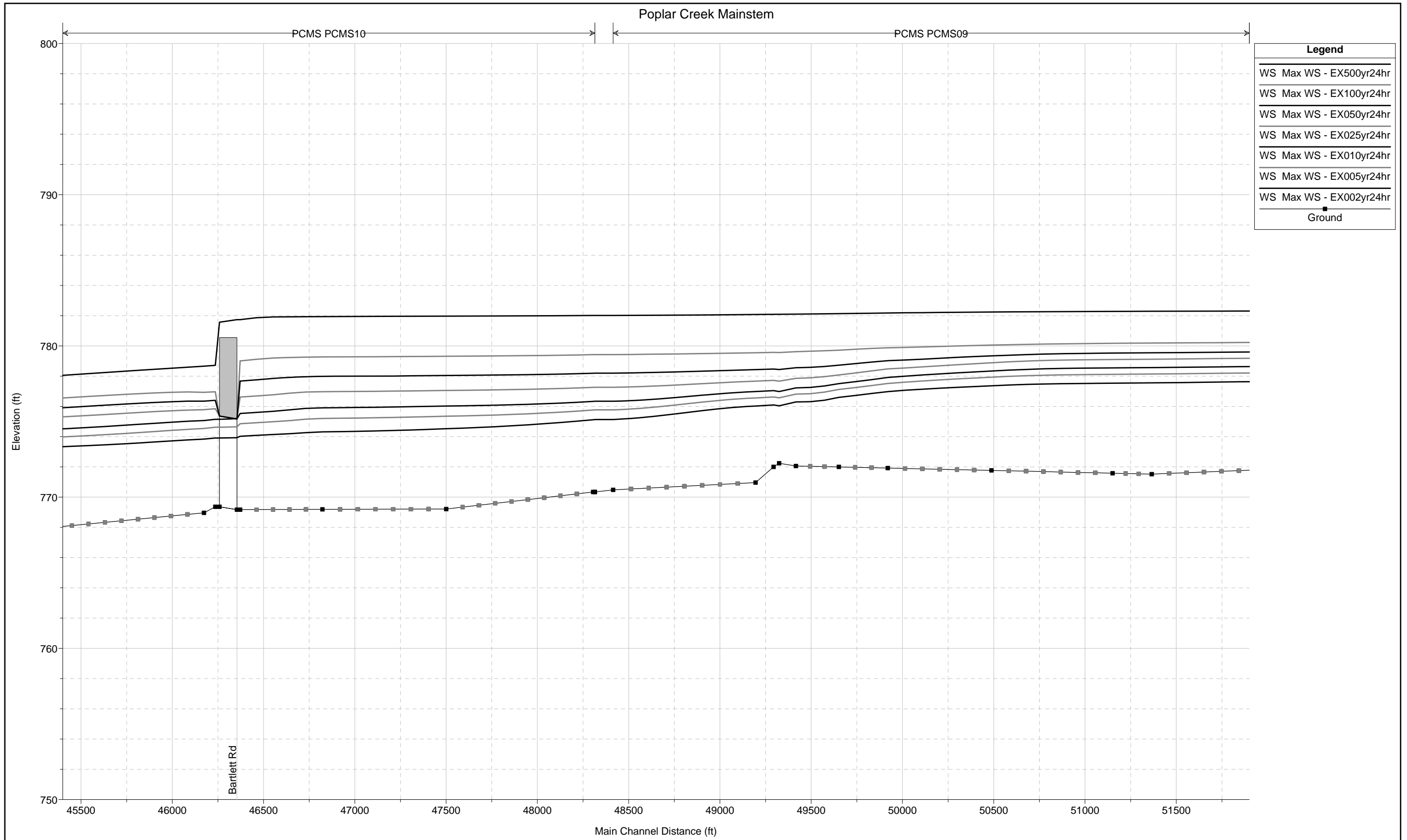
IL 59

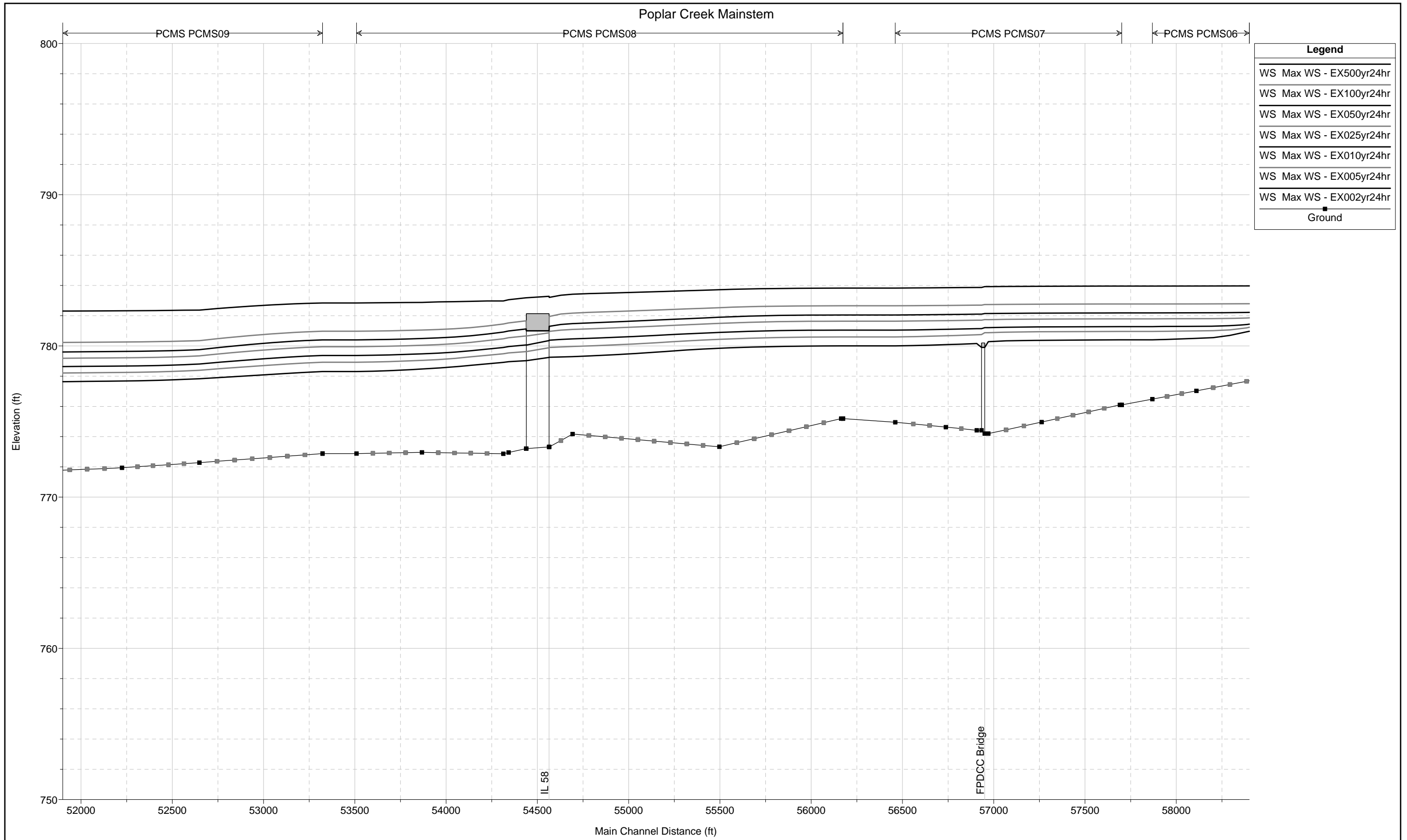
Elevation (ft)

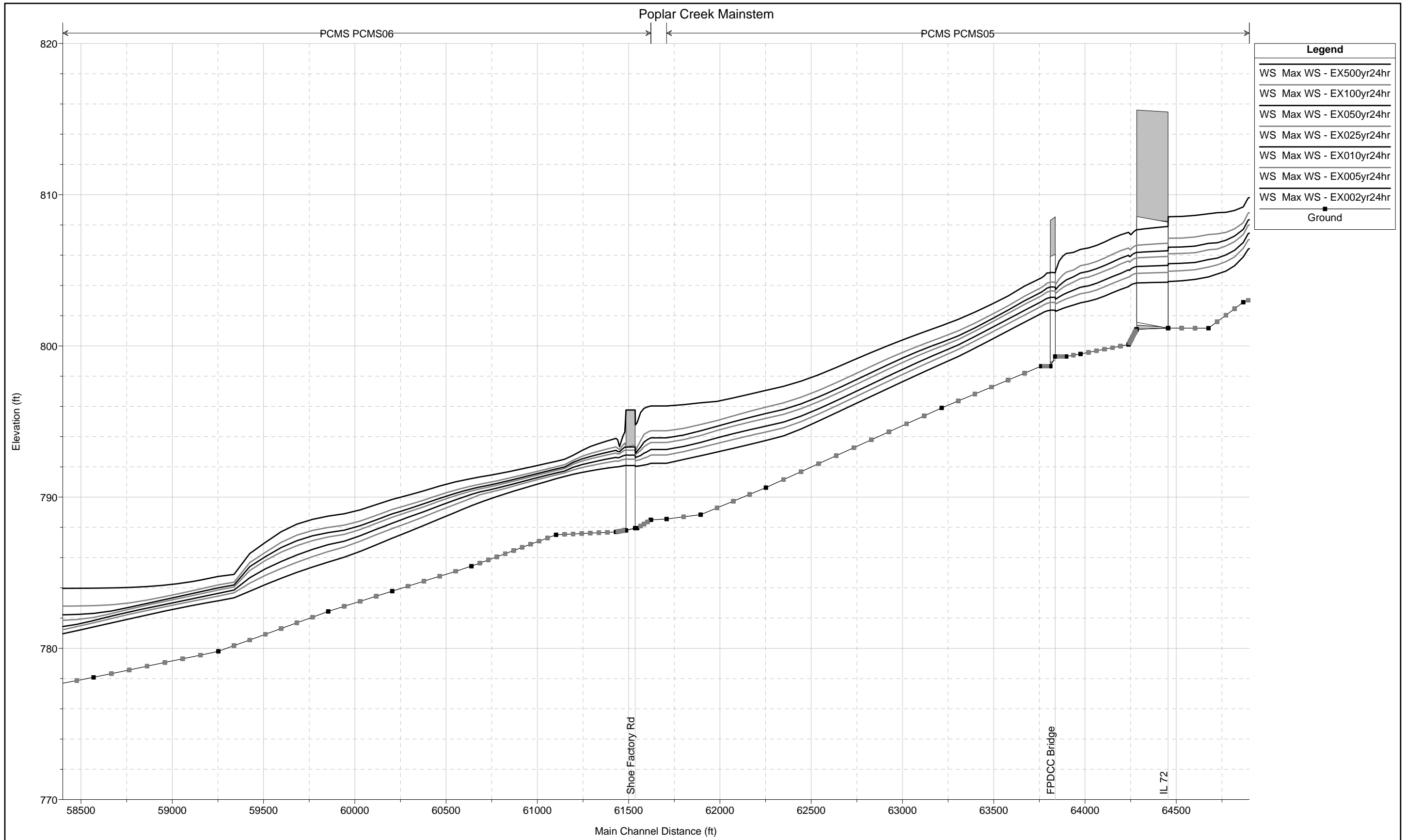
Main Channel Distance (ft)

800
790
780
770
760
750

39000 39500 40000 40500 41000 41500 42000 42500 43000 43500 44000 44500 45000



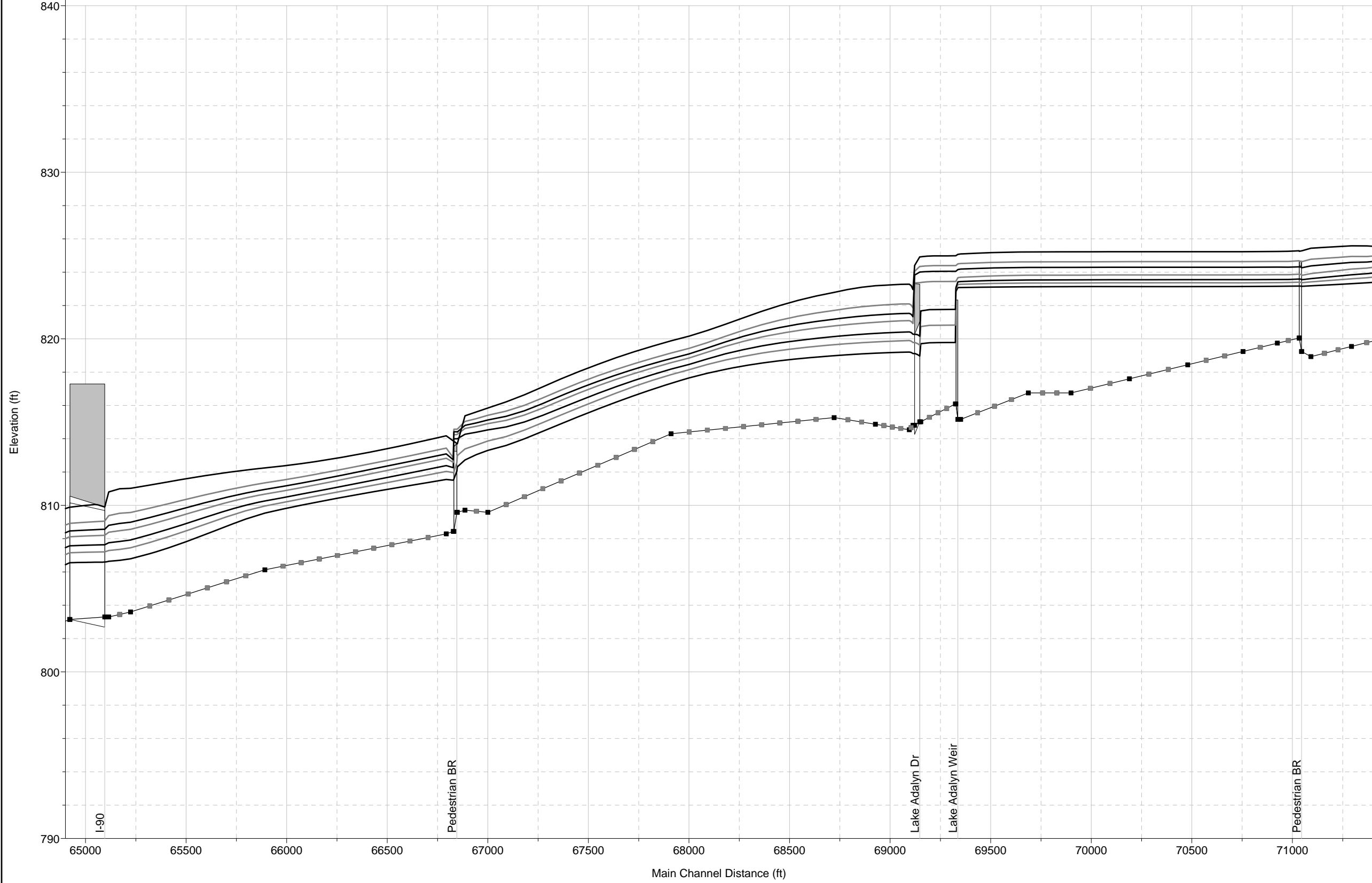




Poplar Creek Mainstem

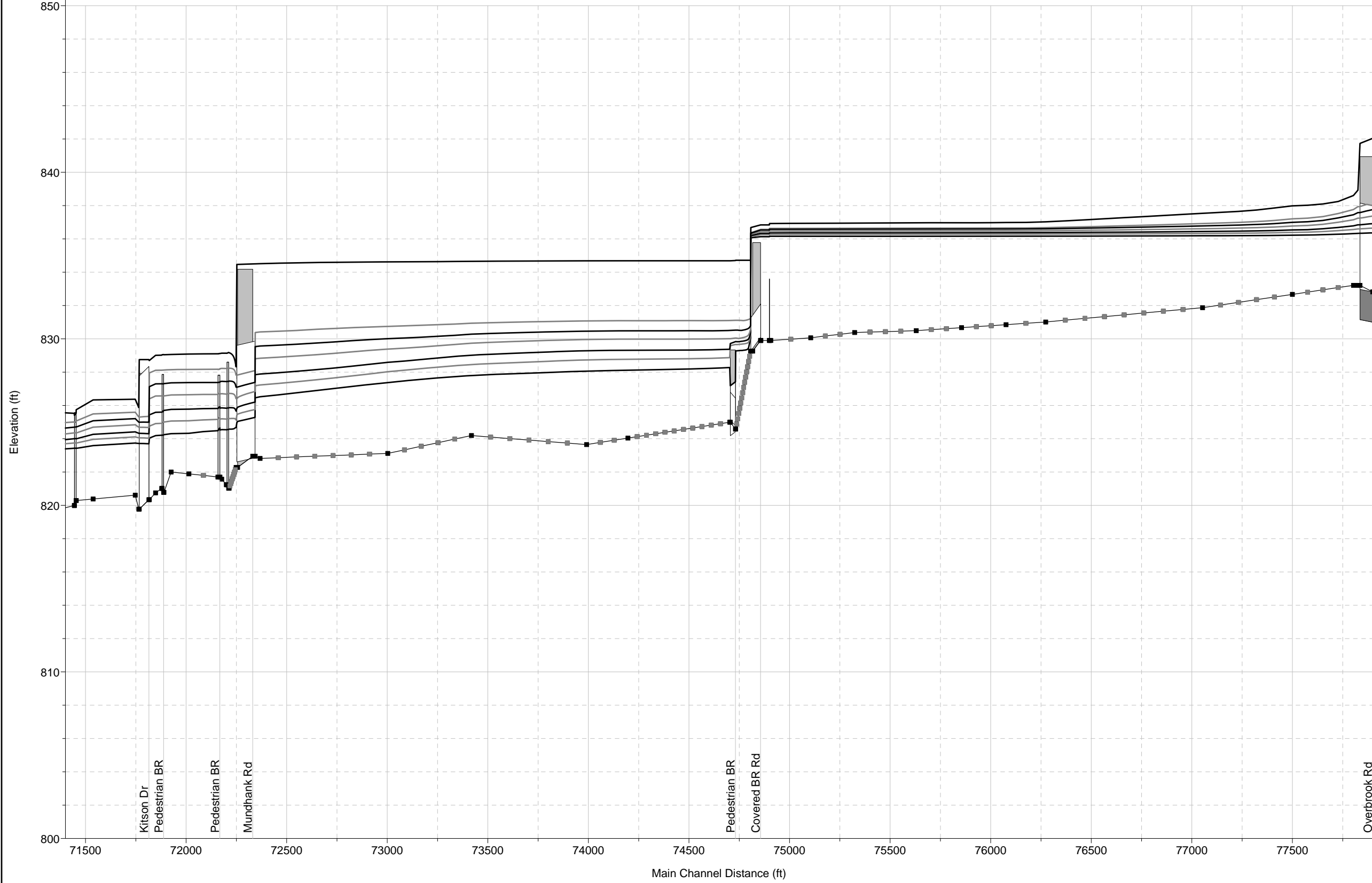
PCMS PCMS05

| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX50yr24hr |
| WS | Max WS - EX25yr24hr |
| WS | Max WS - EX10yr24hr |
| WS | Max WS - EX05yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |



Poplar Creek Mainstem

PCMS PCMS05



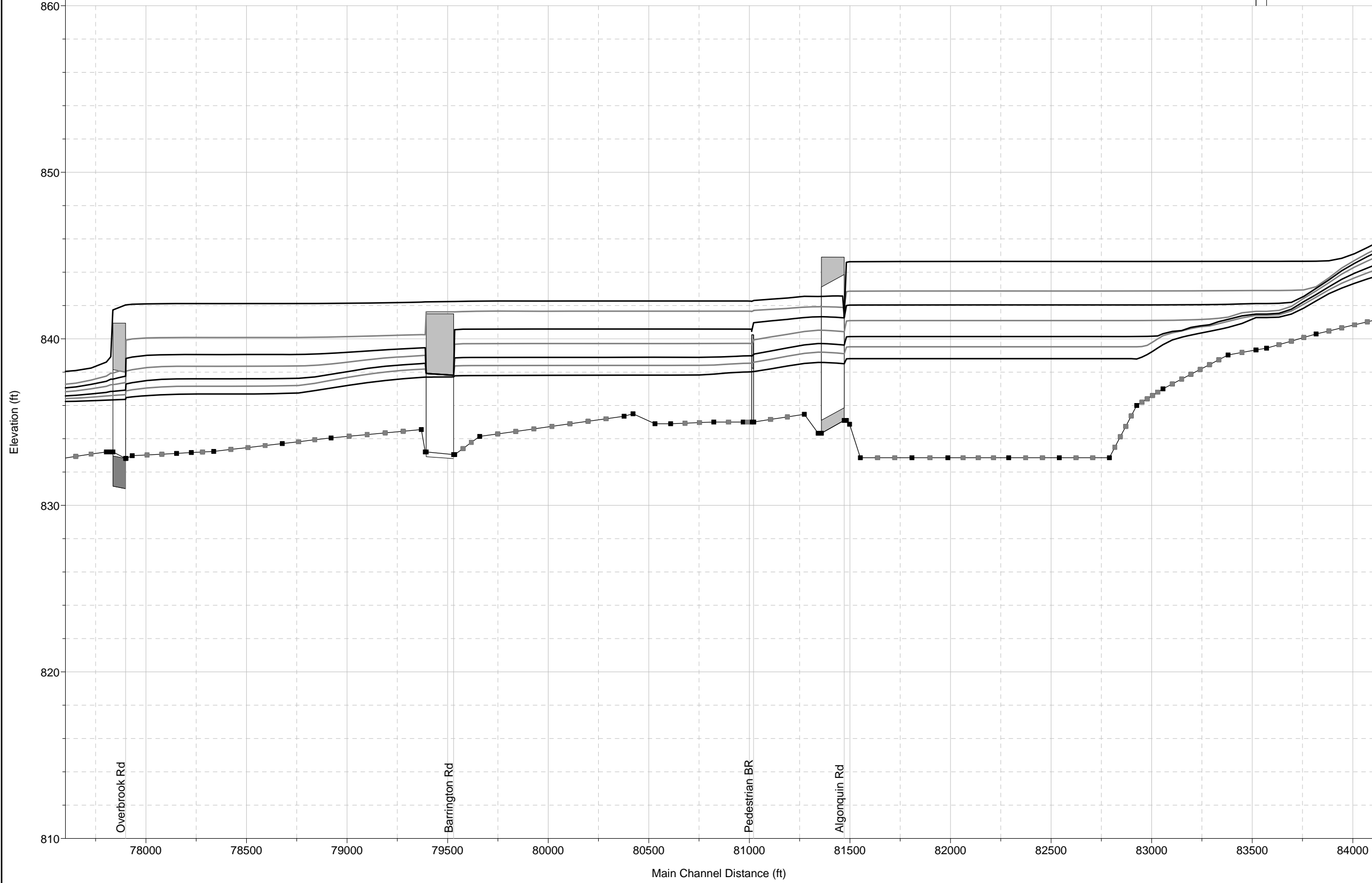
| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

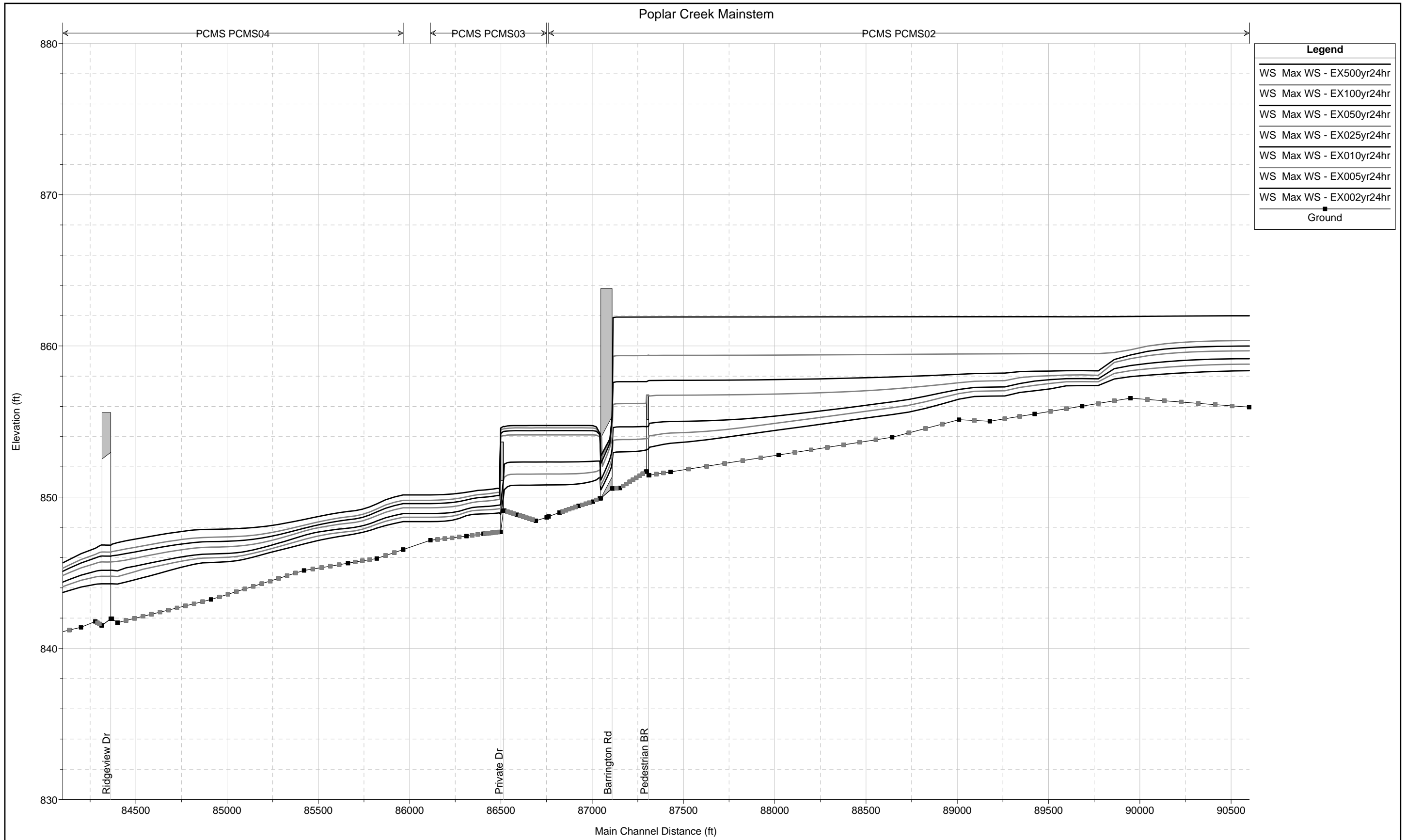
Poplar Creek Mainstem

PCMS PCMS05

PCMS PCMS04

| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX050yr24hr |
| WS | Max WS - EX025yr24hr |
| WS | Max WS - EX010yr24hr |
| WS | Max WS - EX005yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |

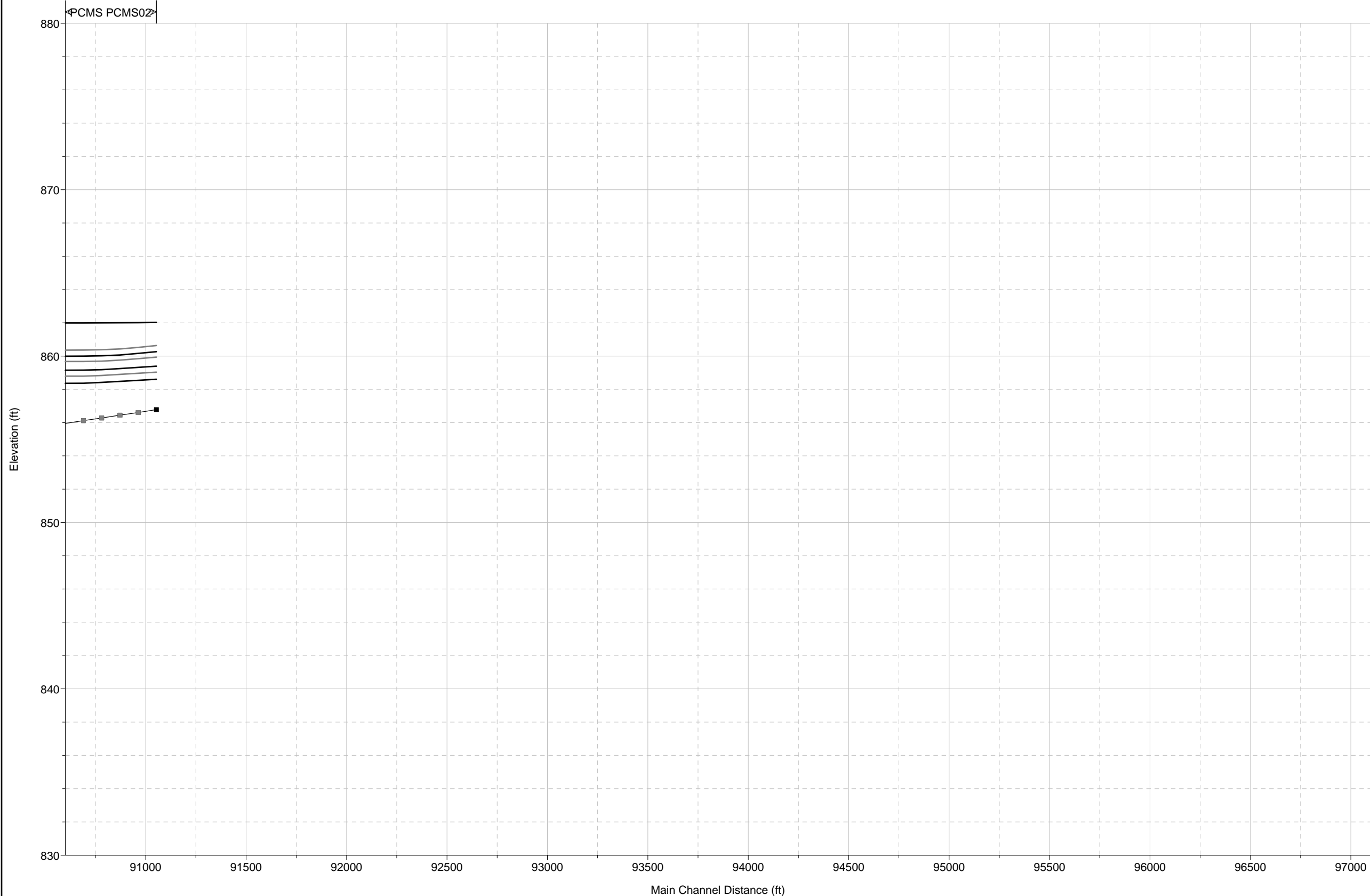


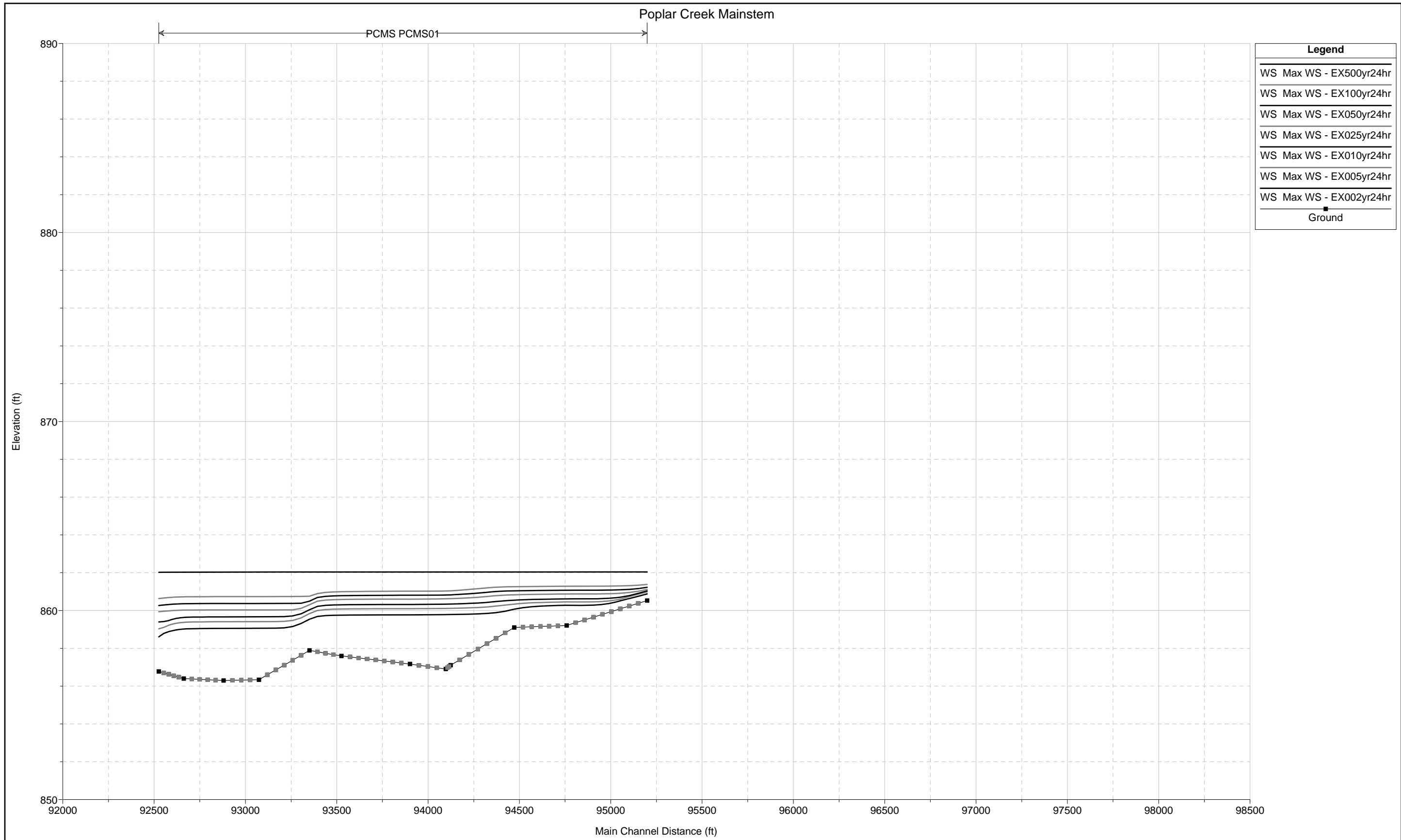


Poplar Creek Mainstem

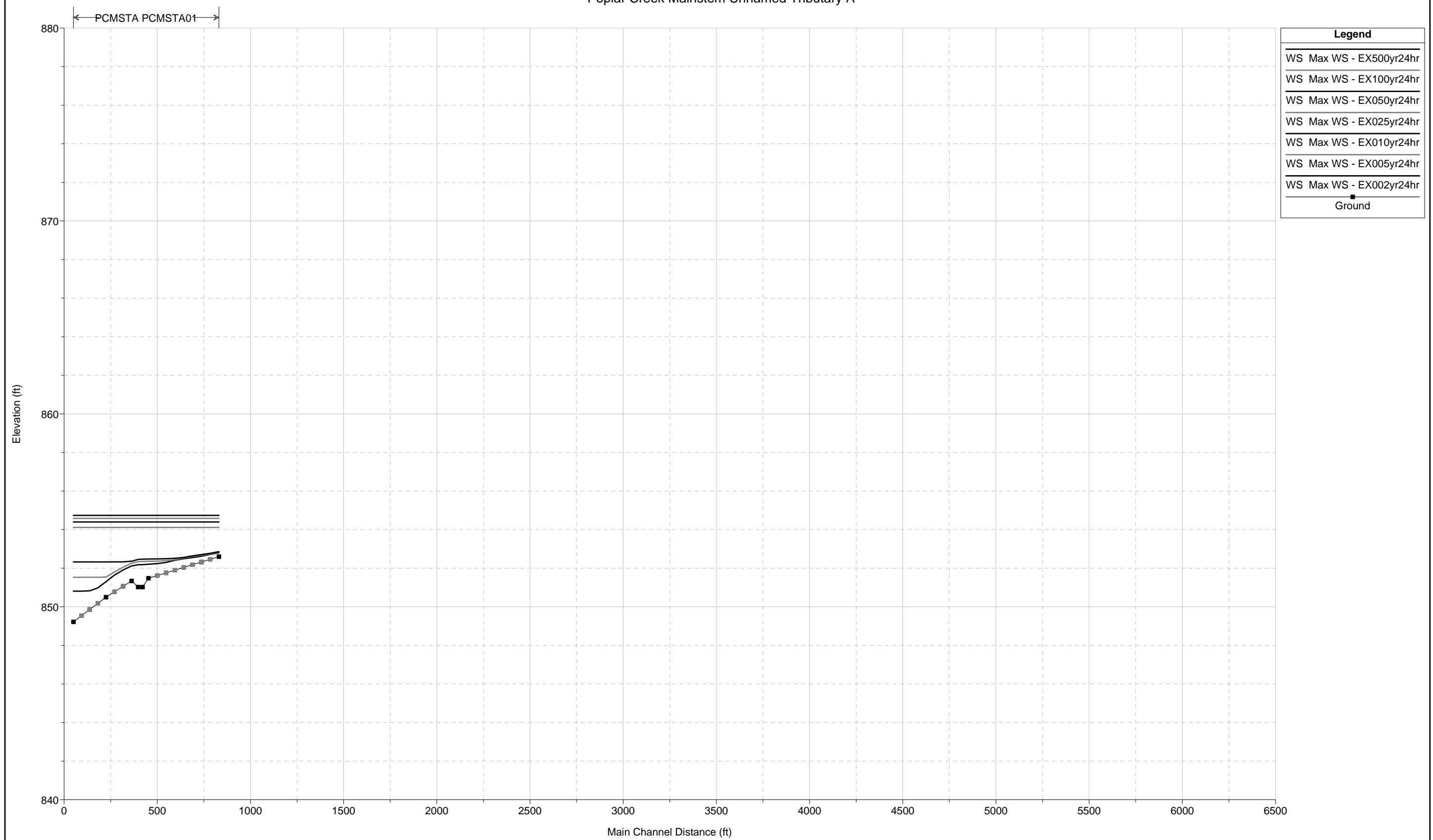
Legend

- WS Max WS - EX500yr24hr
- WS Max WS - EX100yr24hr
- WS Max WS - EX050yr24hr
- WS Max WS - EX025yr24hr
- WS Max WS - EX010yr24hr
- WS Max WS - EX005yr24hr
- WS Max WS - EX002yr24hr
- Ground





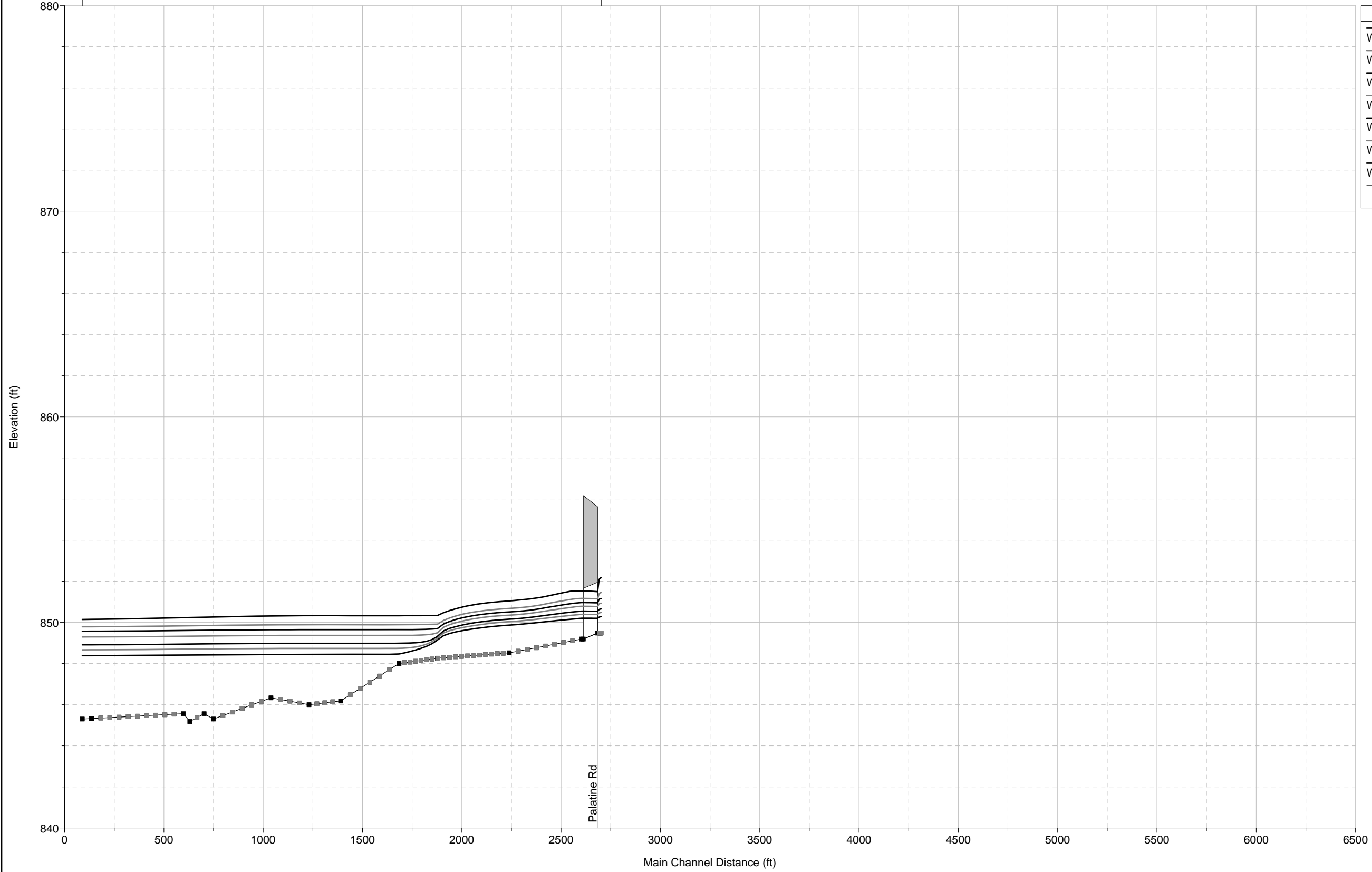
Poplar Creek Mainstem Unnamed Tributary A



Poplar Creek Mainstem Unnamed Tributary B

PCMSTB PCMSTB01

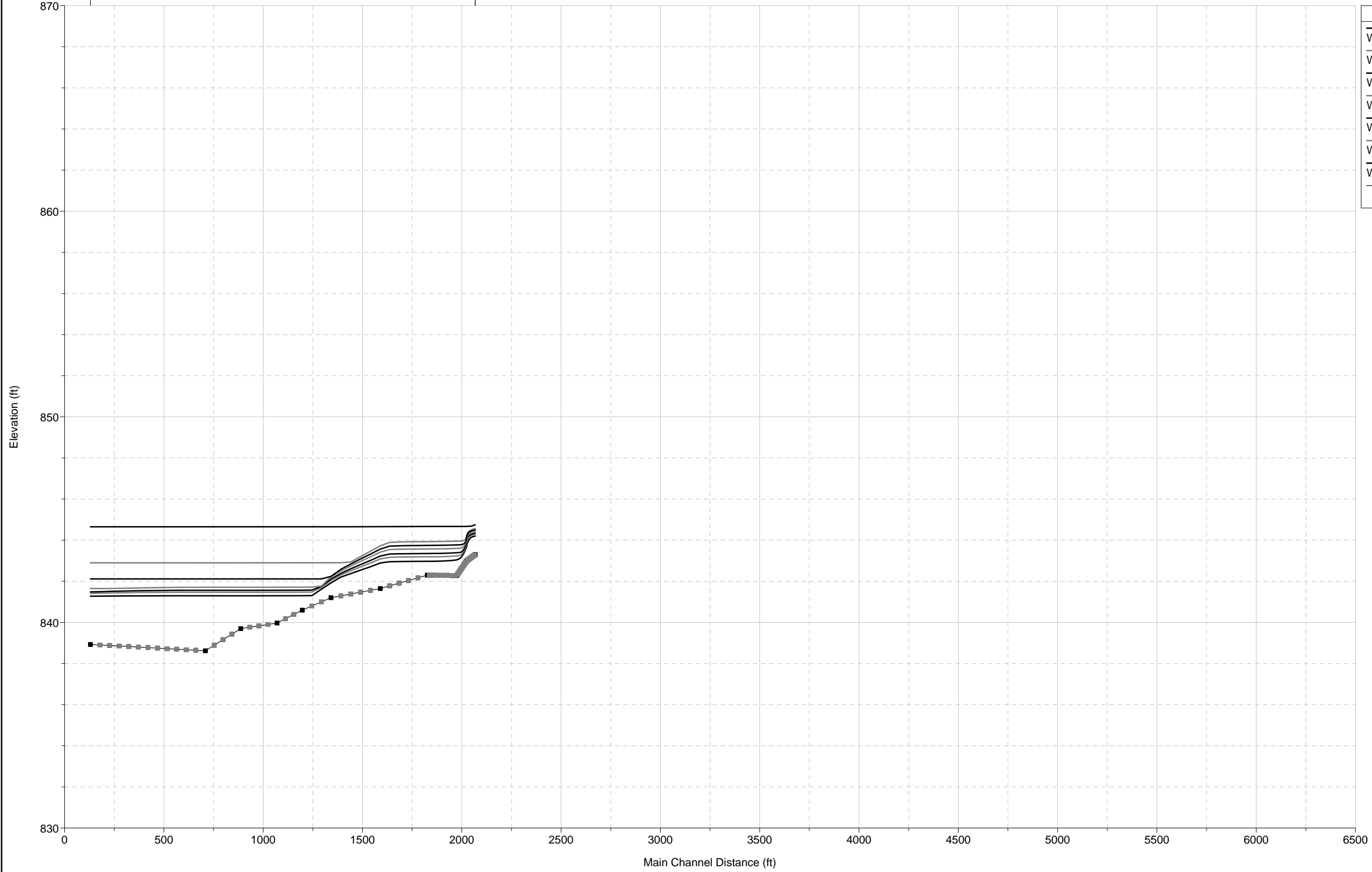
| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |



Poplar Creek Mainstem Unnamed Tributary C

← PCMSTC PCMSTC01 →

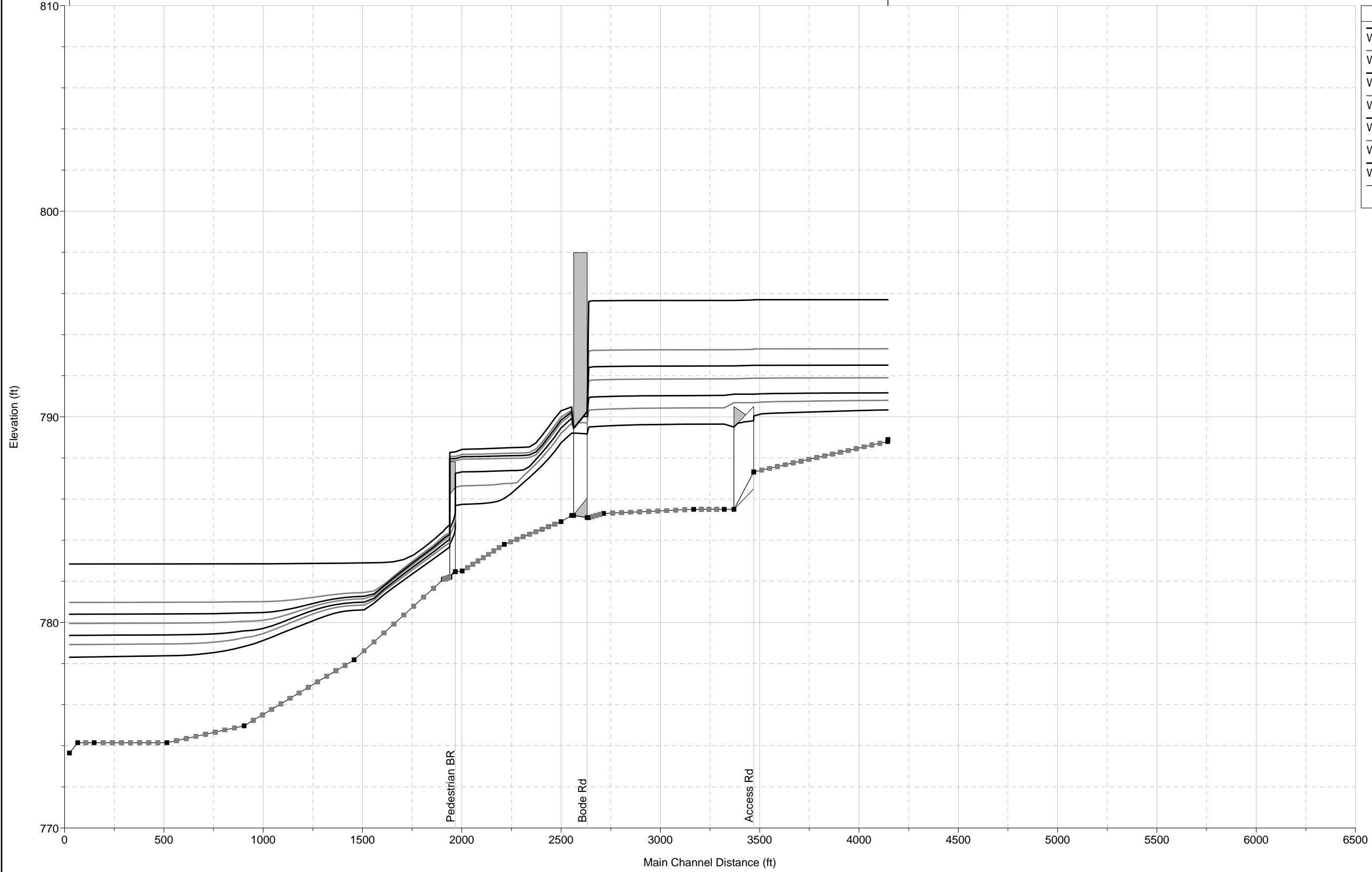
| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |



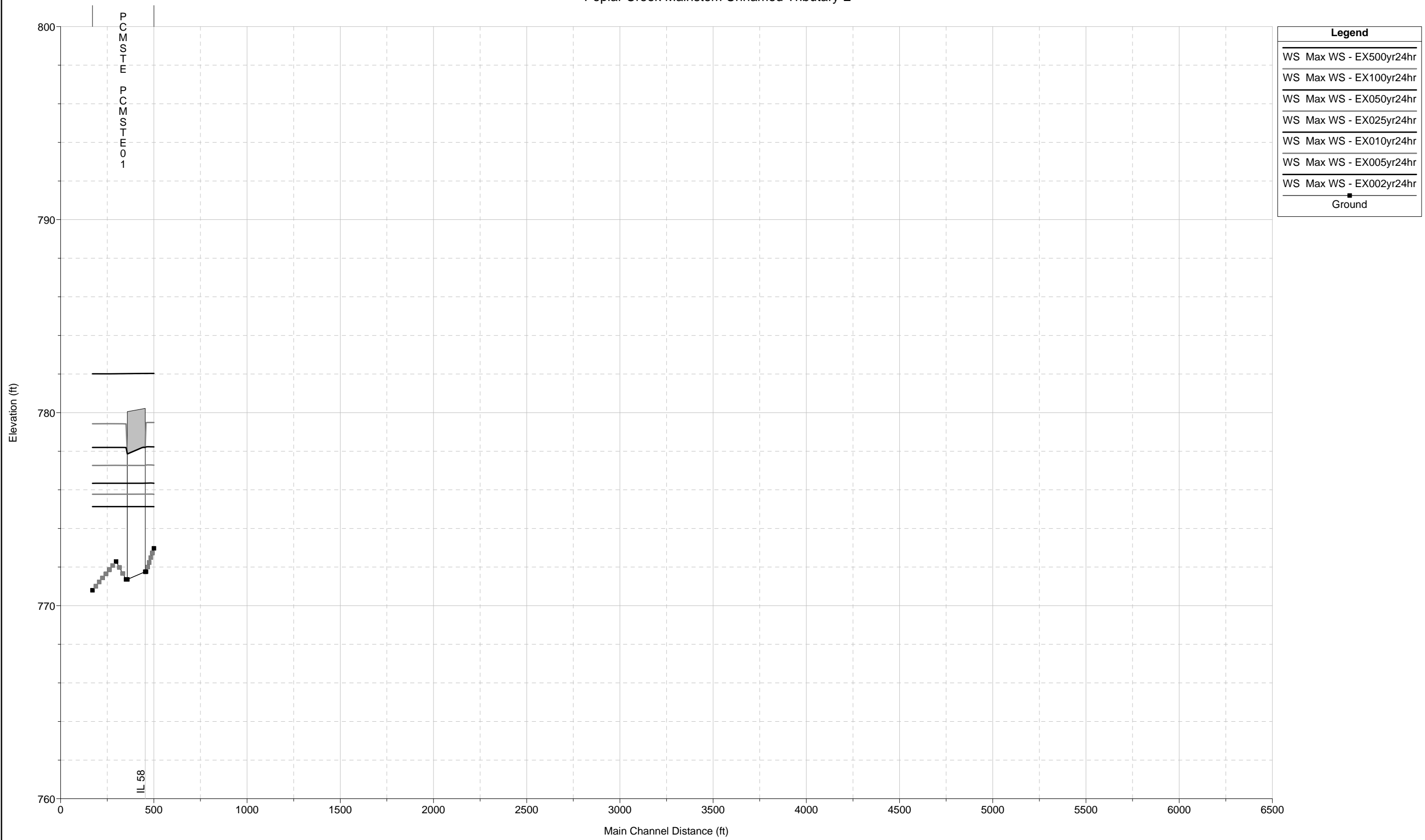
Poplar Creek Mainstem Unnamed Tributary D

PCMSTD PCMSTD01

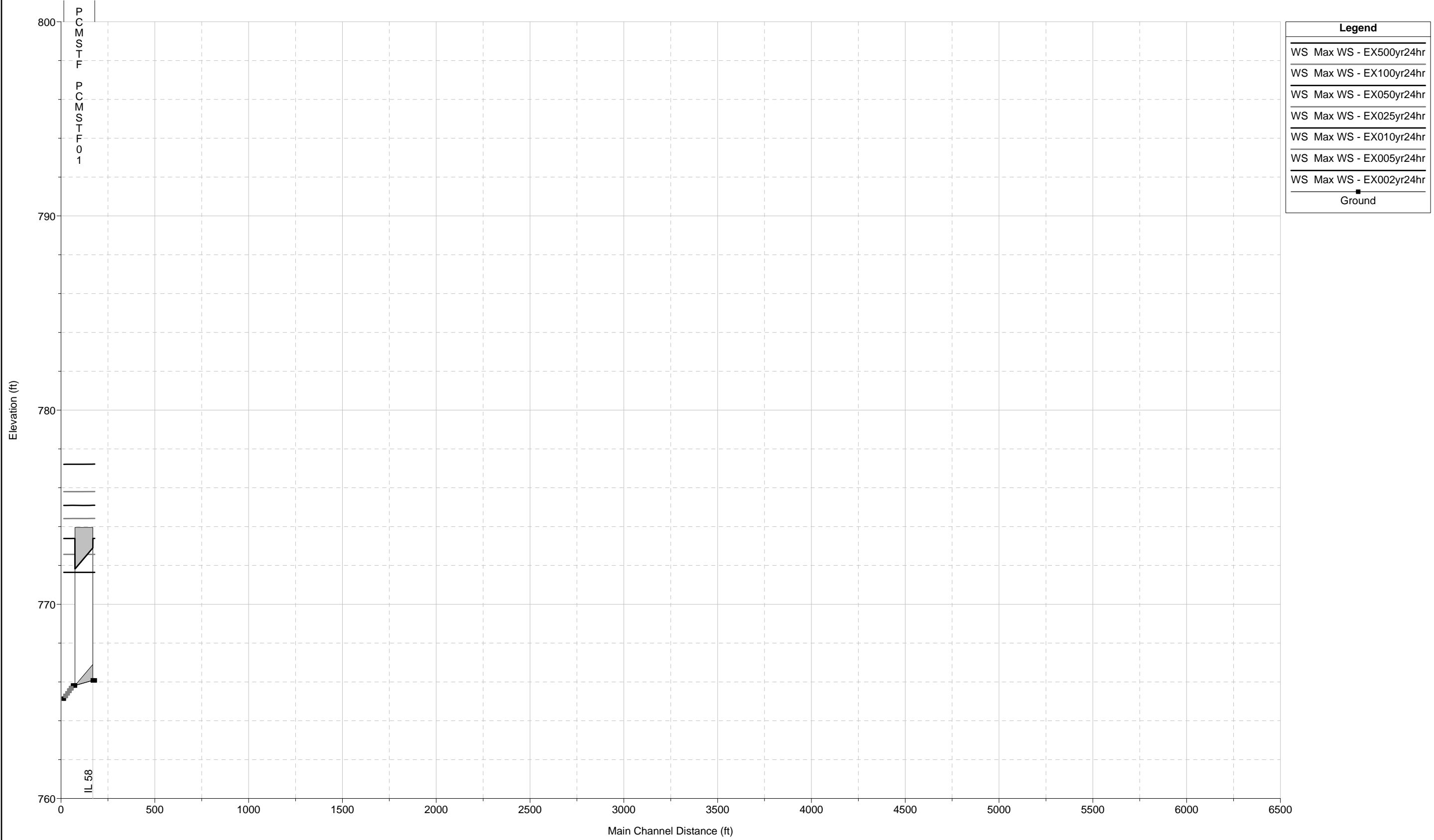
| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX050yr24hr |
| WS | Max WS - EX025yr24hr |
| WS | Max WS - EX010yr24hr |
| WS | Max WS - EX005yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |



Poplar Creek Mainstem Unnamed Tributary E

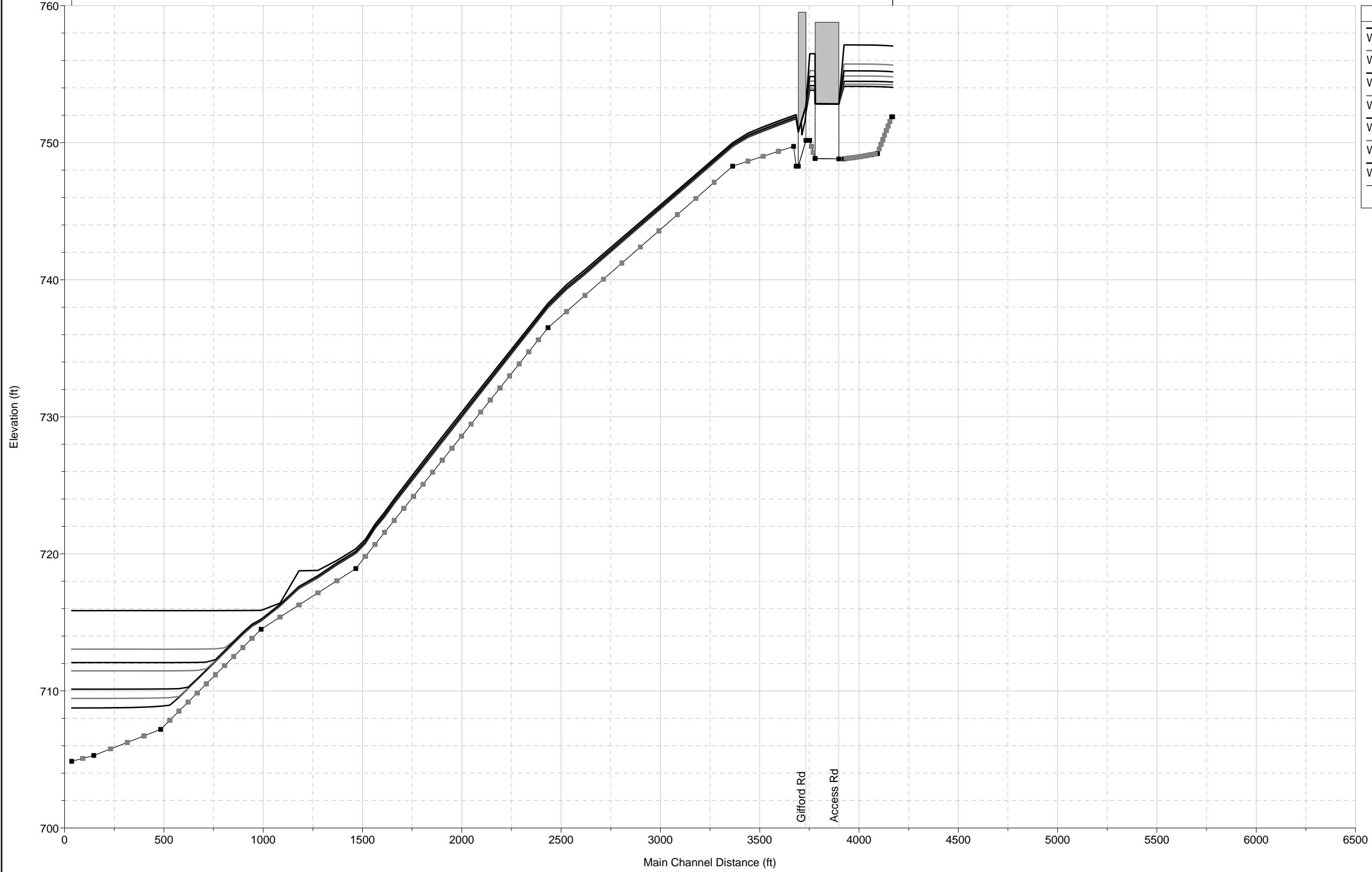


Poplar Creek Mainstem Unnamed Tributary F



Poplar Creek Mainstem Unnamed Tributary G

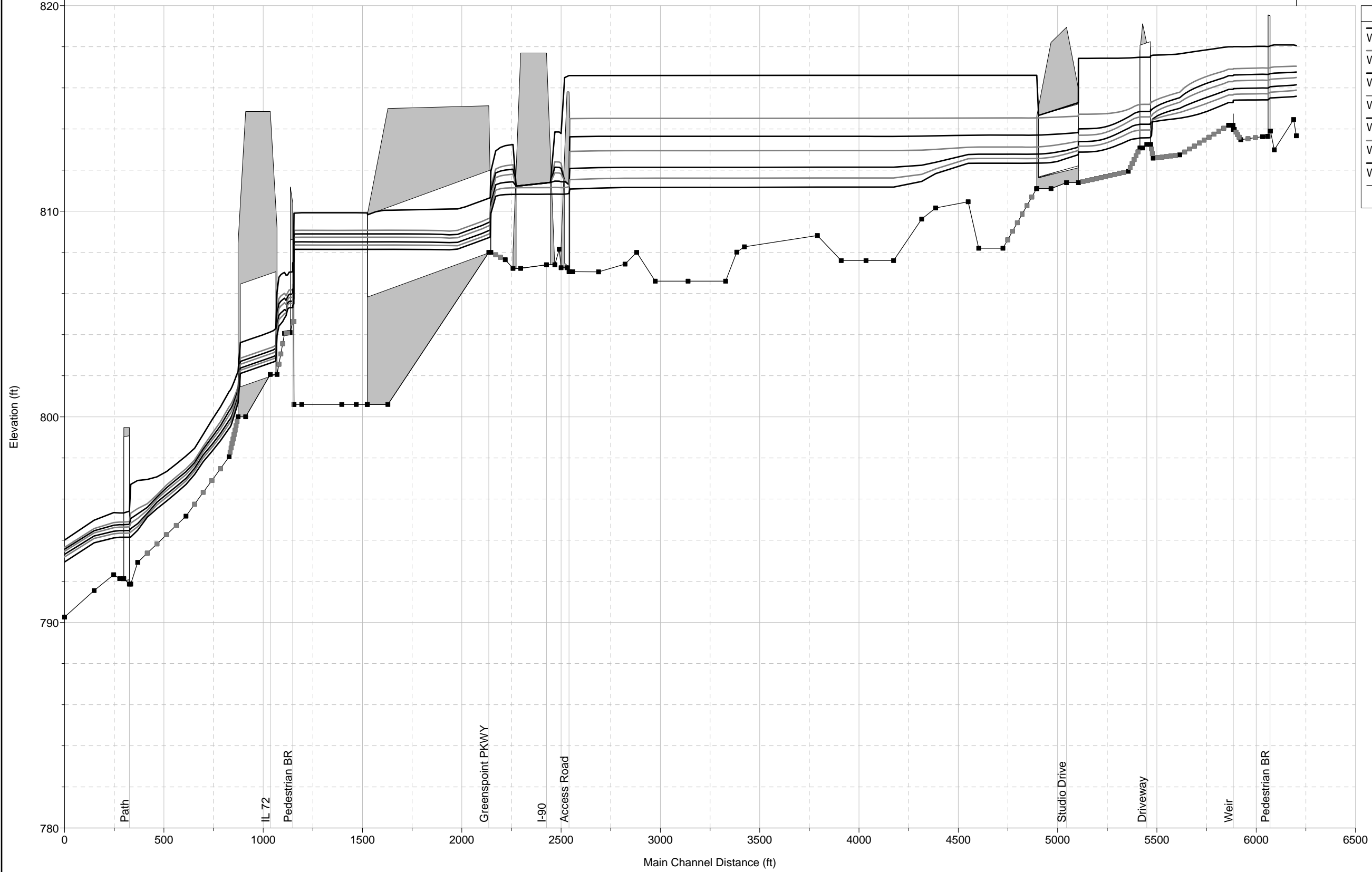
PCMSTG PCMSTG01



| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX050yr24hr |
| WS | Max WS - EX025yr24hr |
| WS | Max WS - EX010yr24hr |
| WS | Max WS - EX005yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |

Poplar Creek Tributary A

PCTA PCTA01

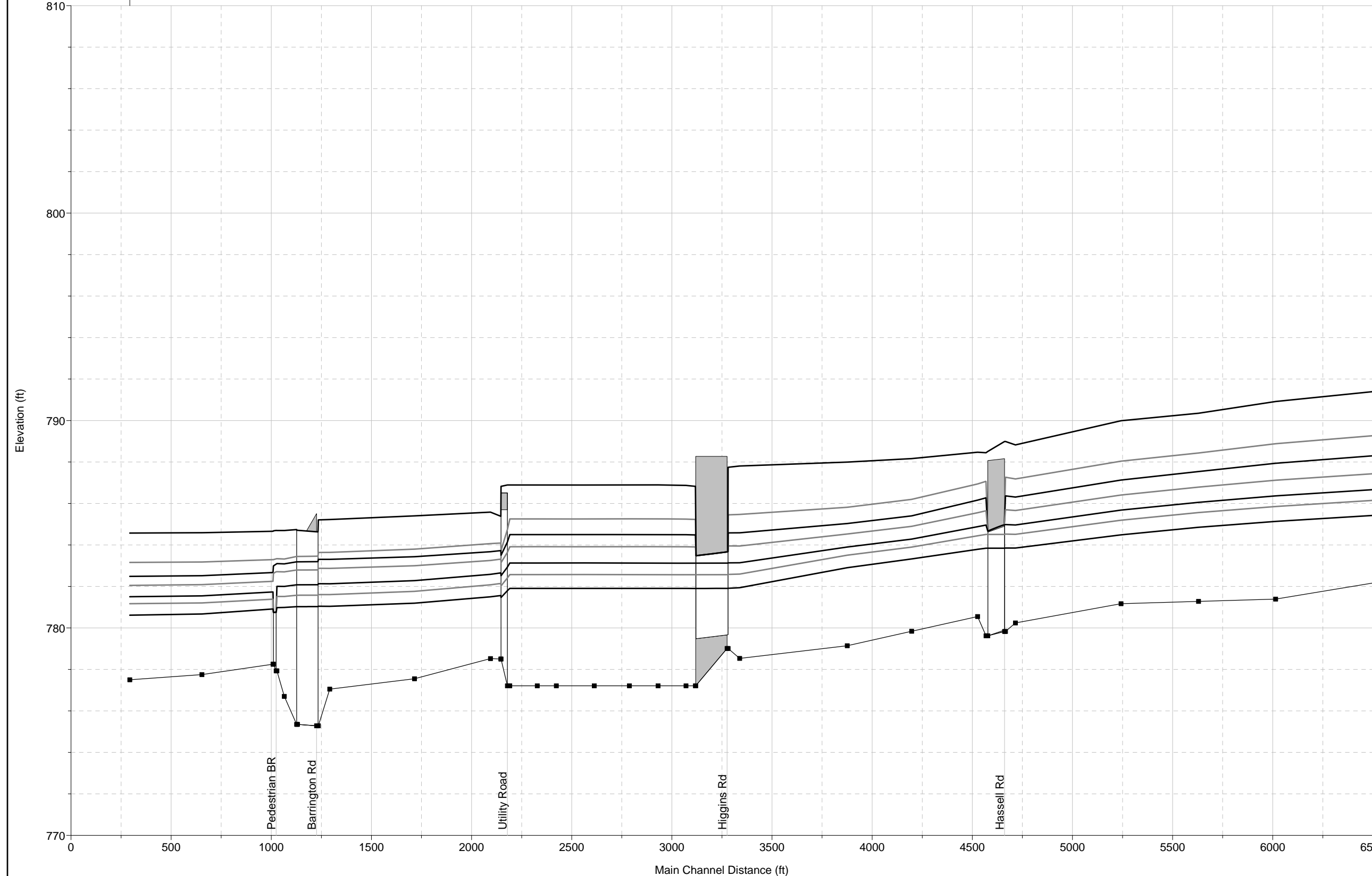


| Legend | |
|-------------------------|--|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | |

Poplar Creek East Branch

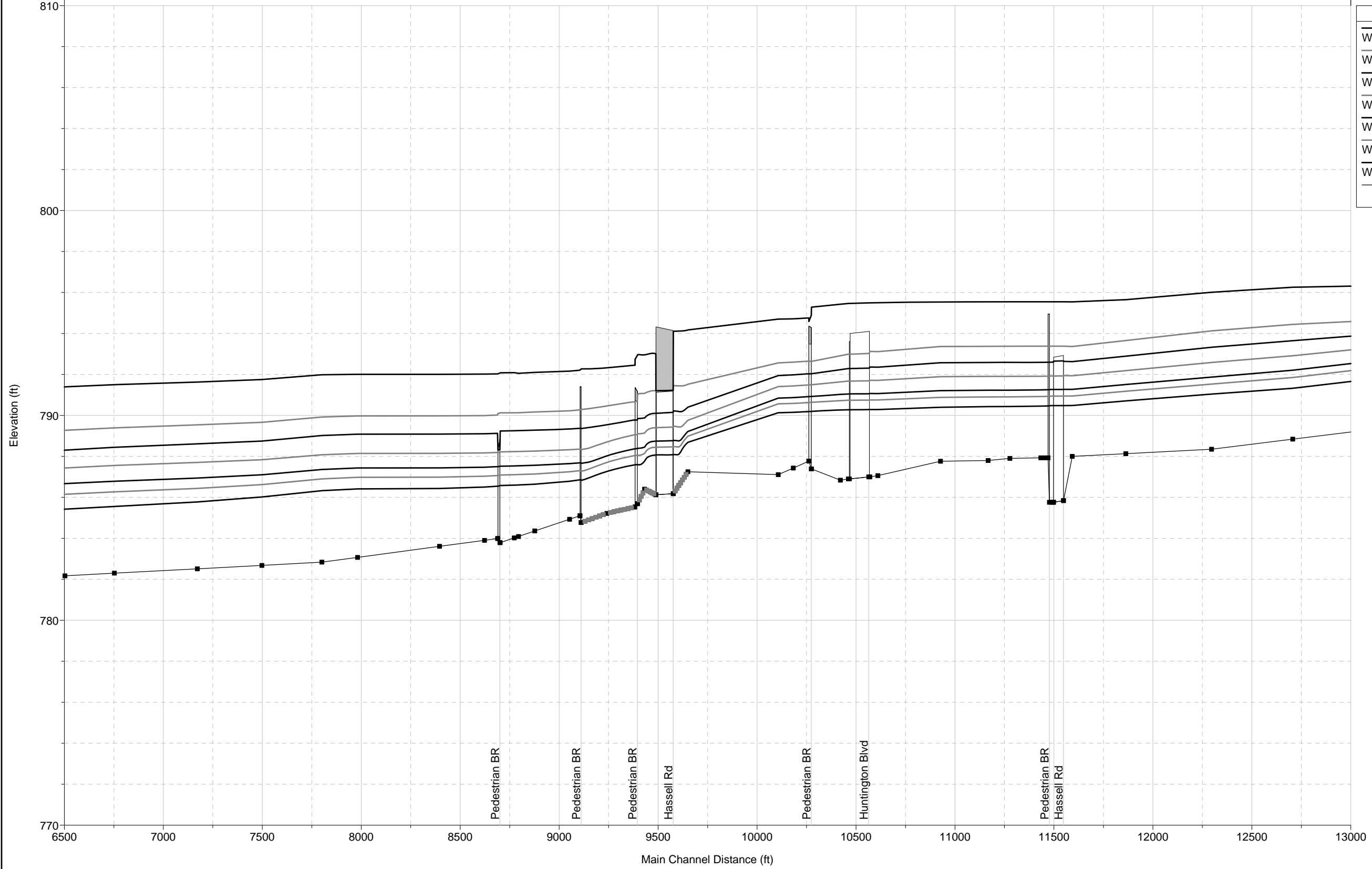
PCEB PCEB02

| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |



Poplar Creek East Branch

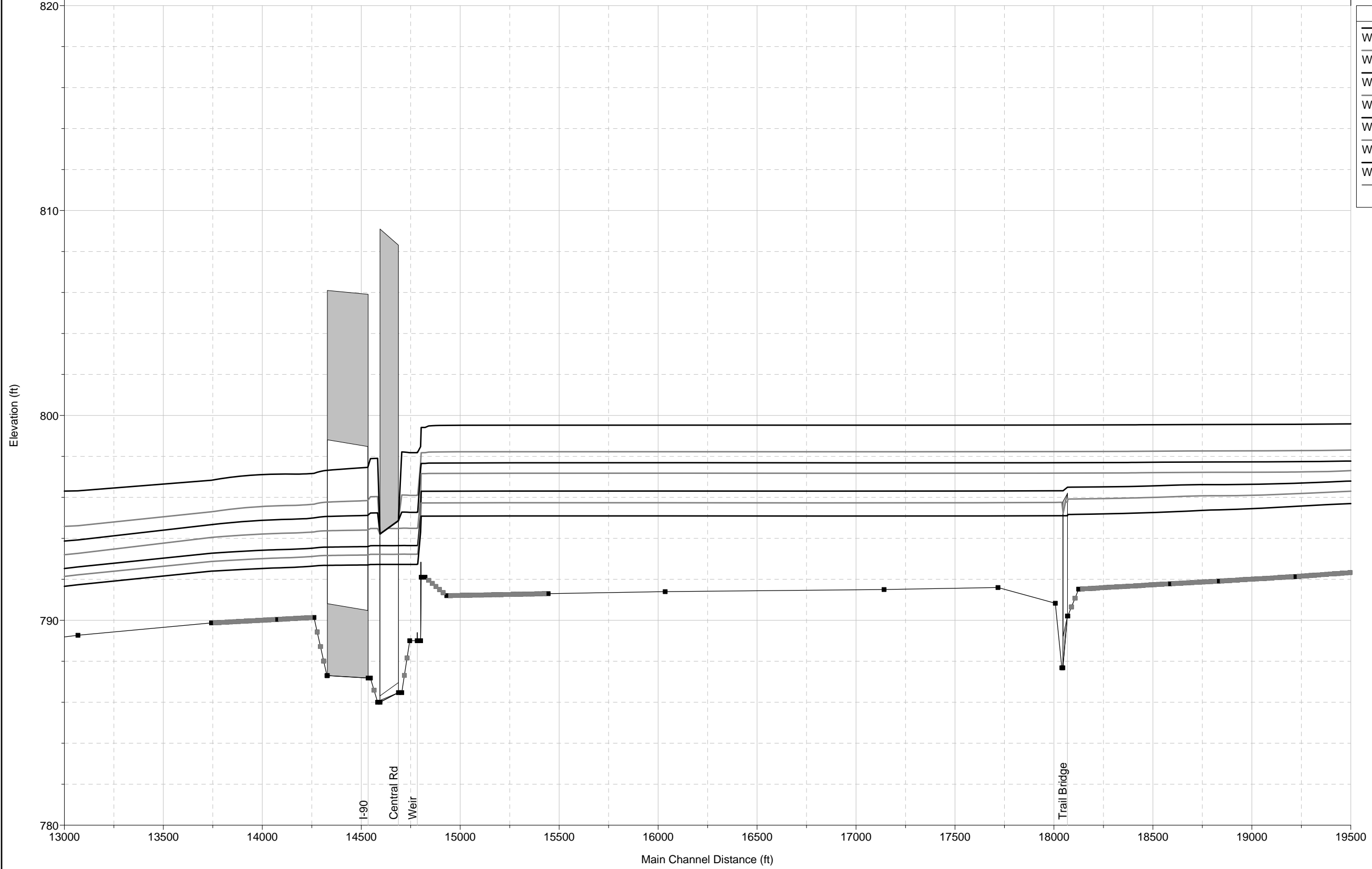
PCEB PCEB02



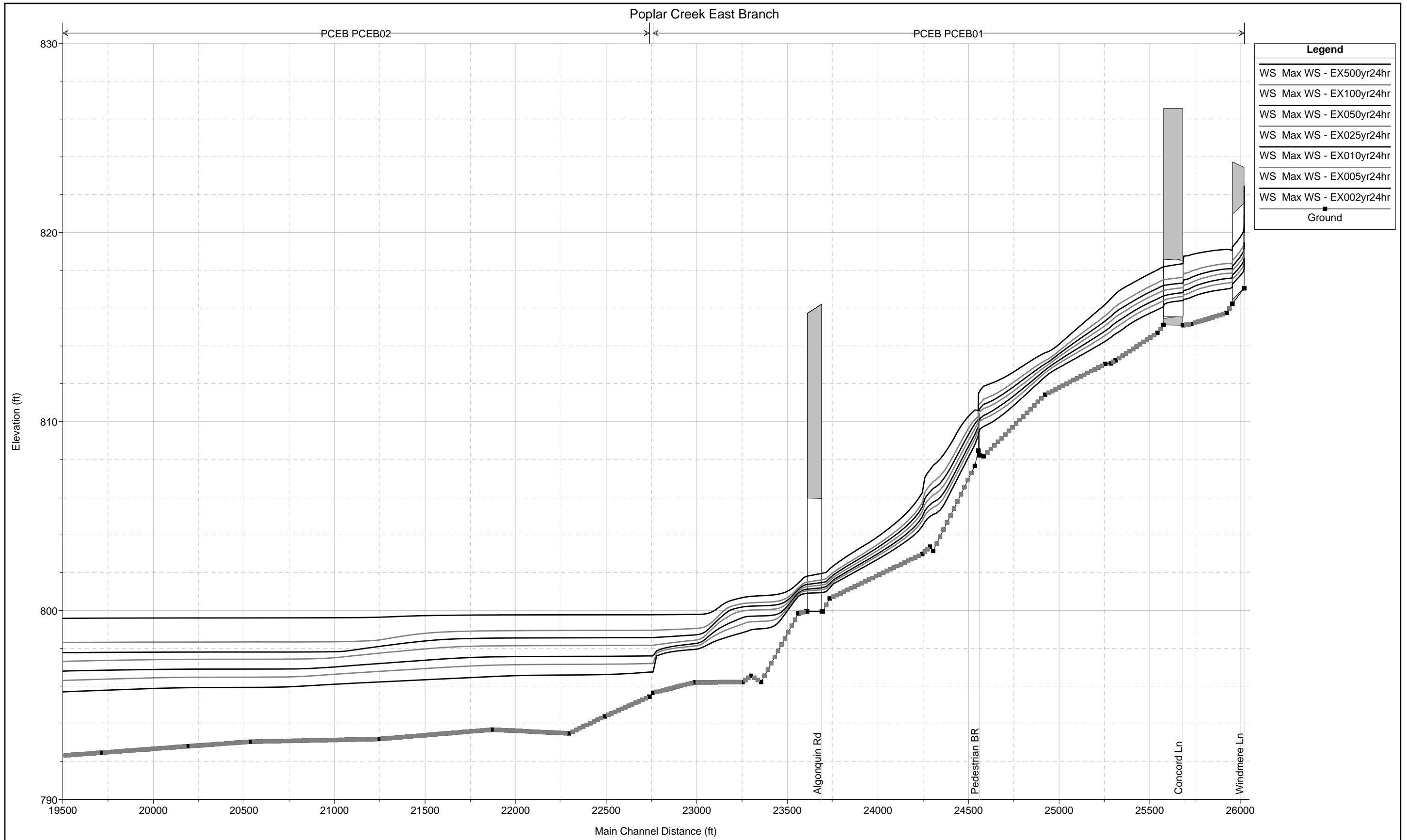
| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

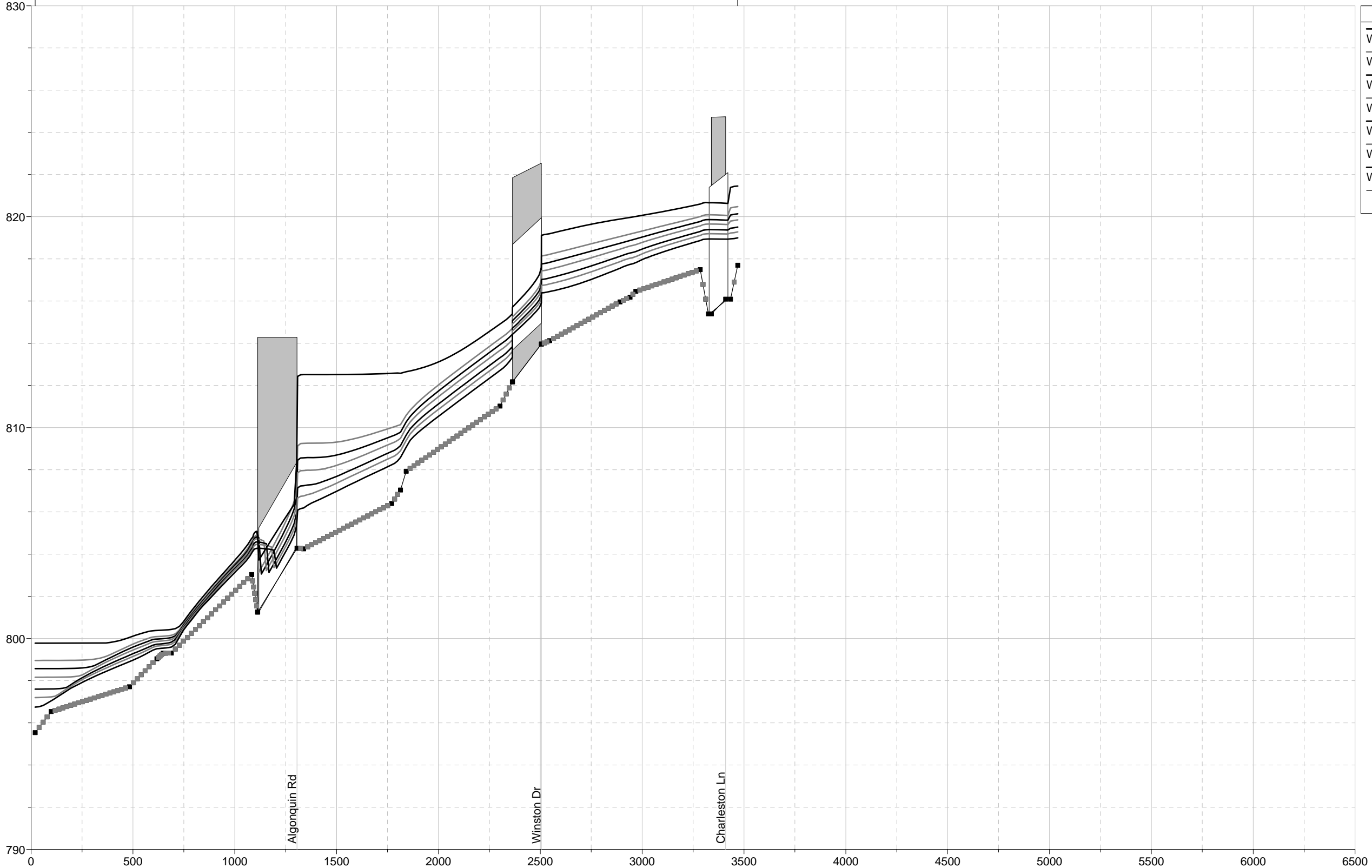
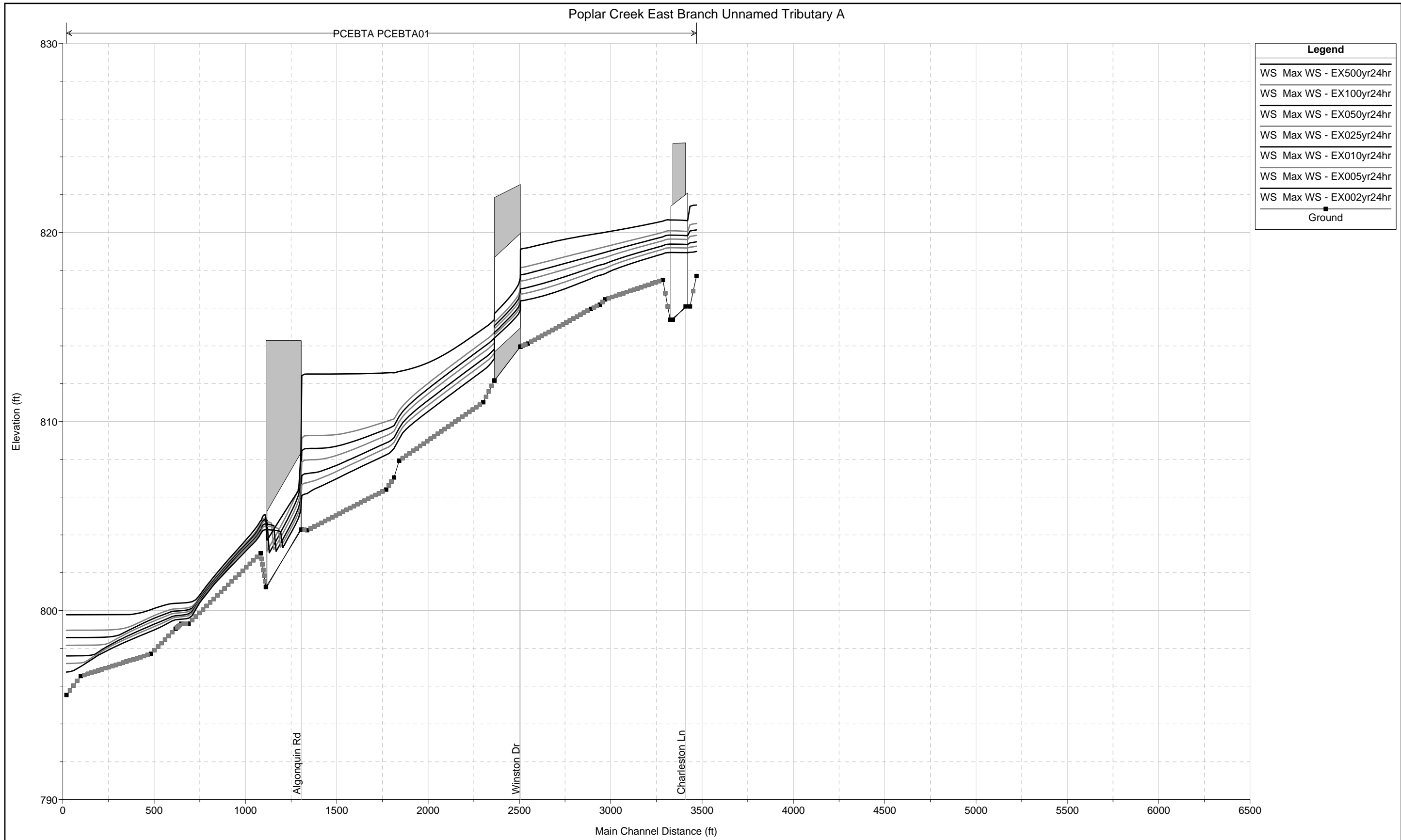
Poplar Creek East Branch

PCEB PCEB02



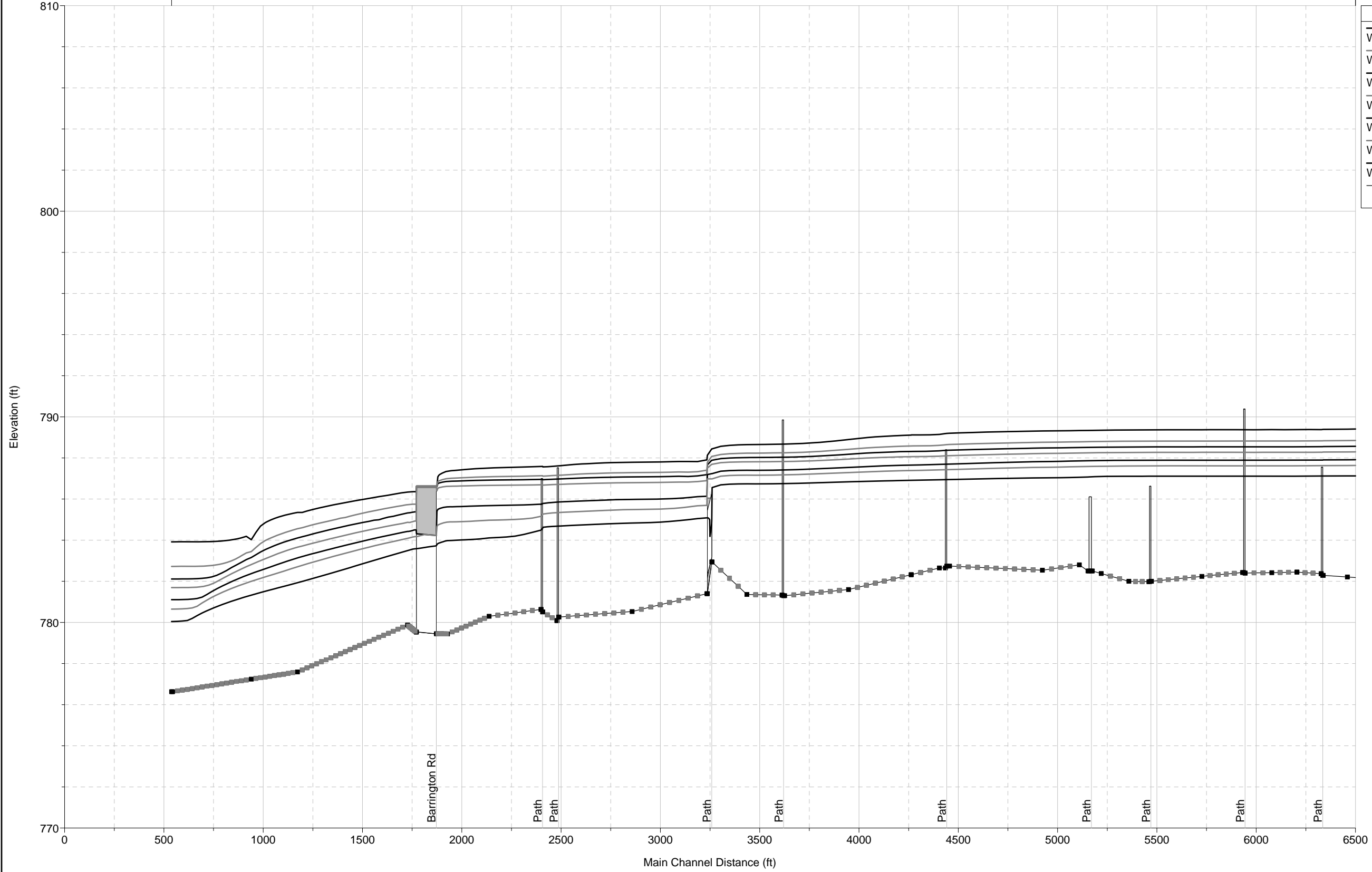
| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |





Poplar Creek Schaumburg Branch

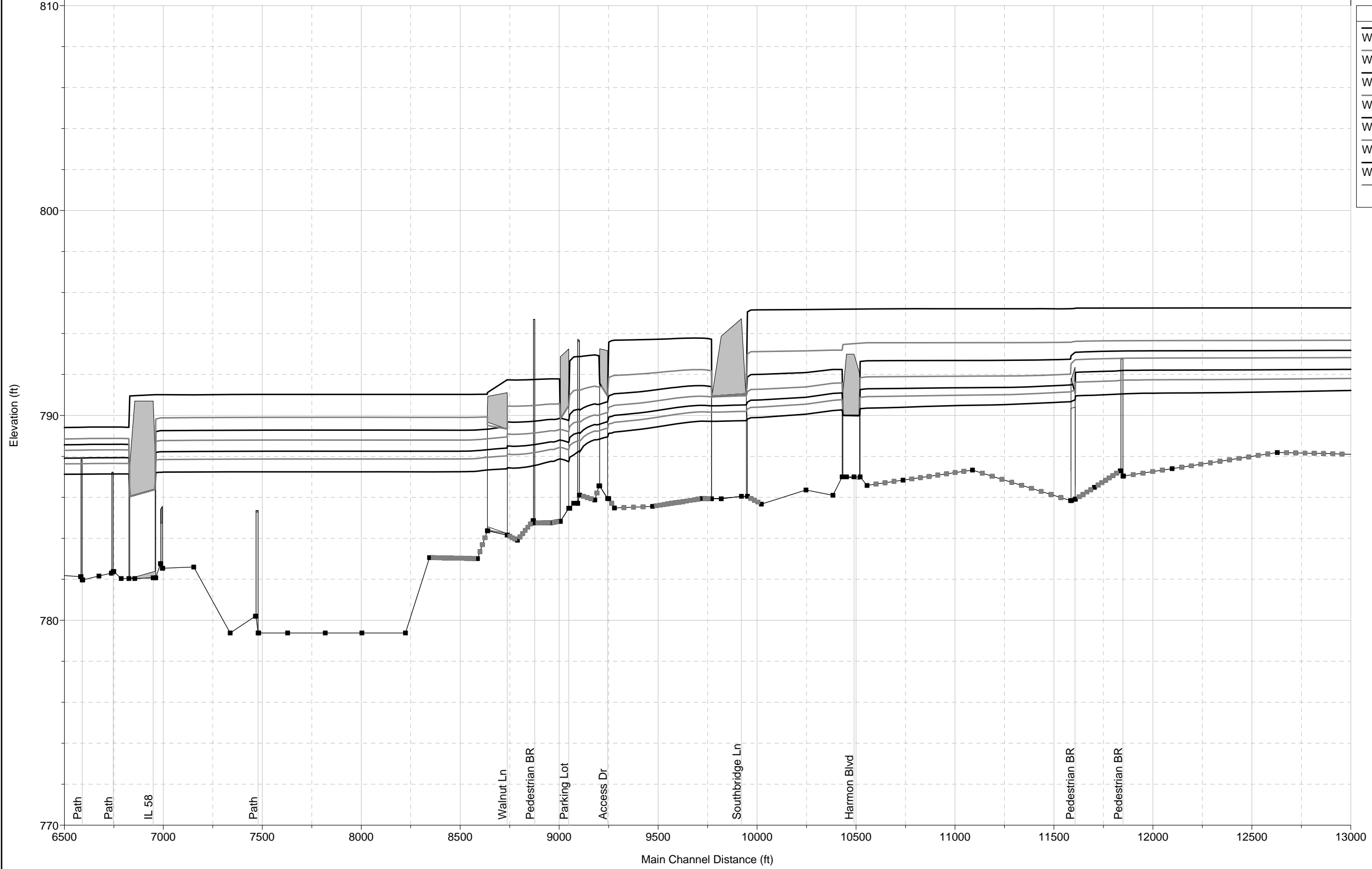
PCSH PCSH01



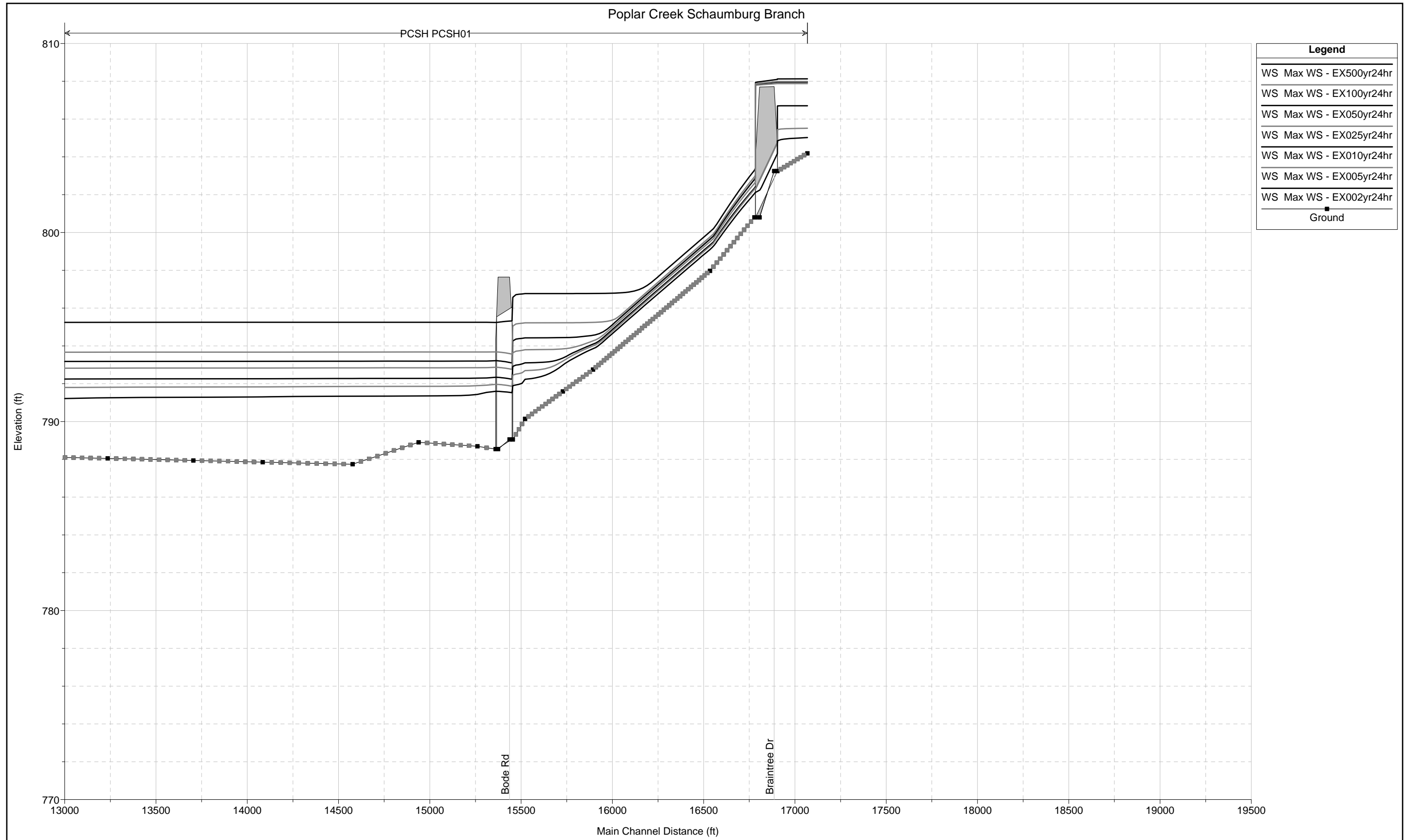
| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

Poplar Creek Schaumburg Branch

PCSH PCSH01

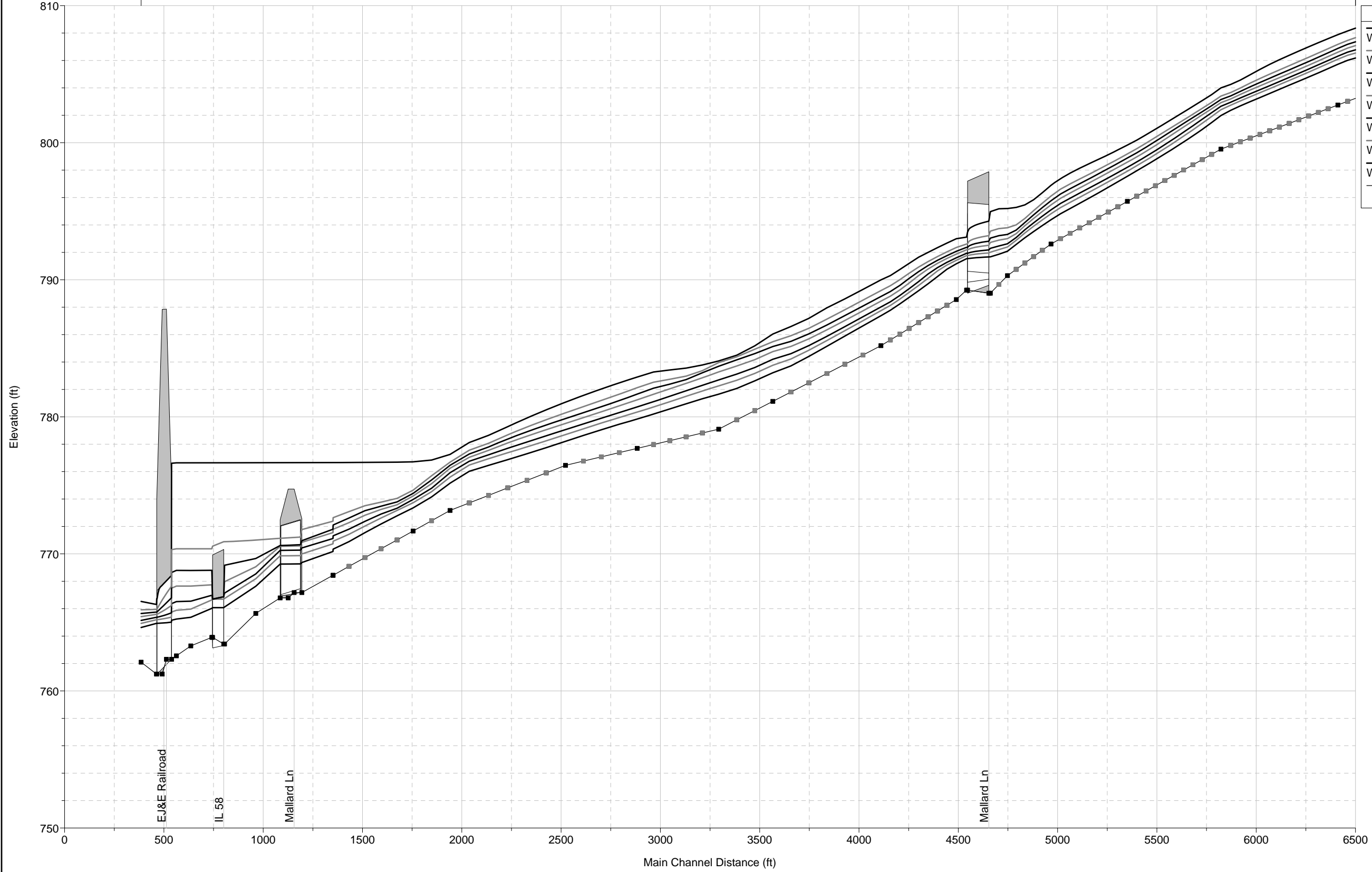


| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX050yr24hr |
| WS | Max WS - EX025yr24hr |
| WS | Max WS - EX010yr24hr |
| WS | Max WS - EX005yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |



Poplar Creek Railroad Tributary

PCRR PCRR01

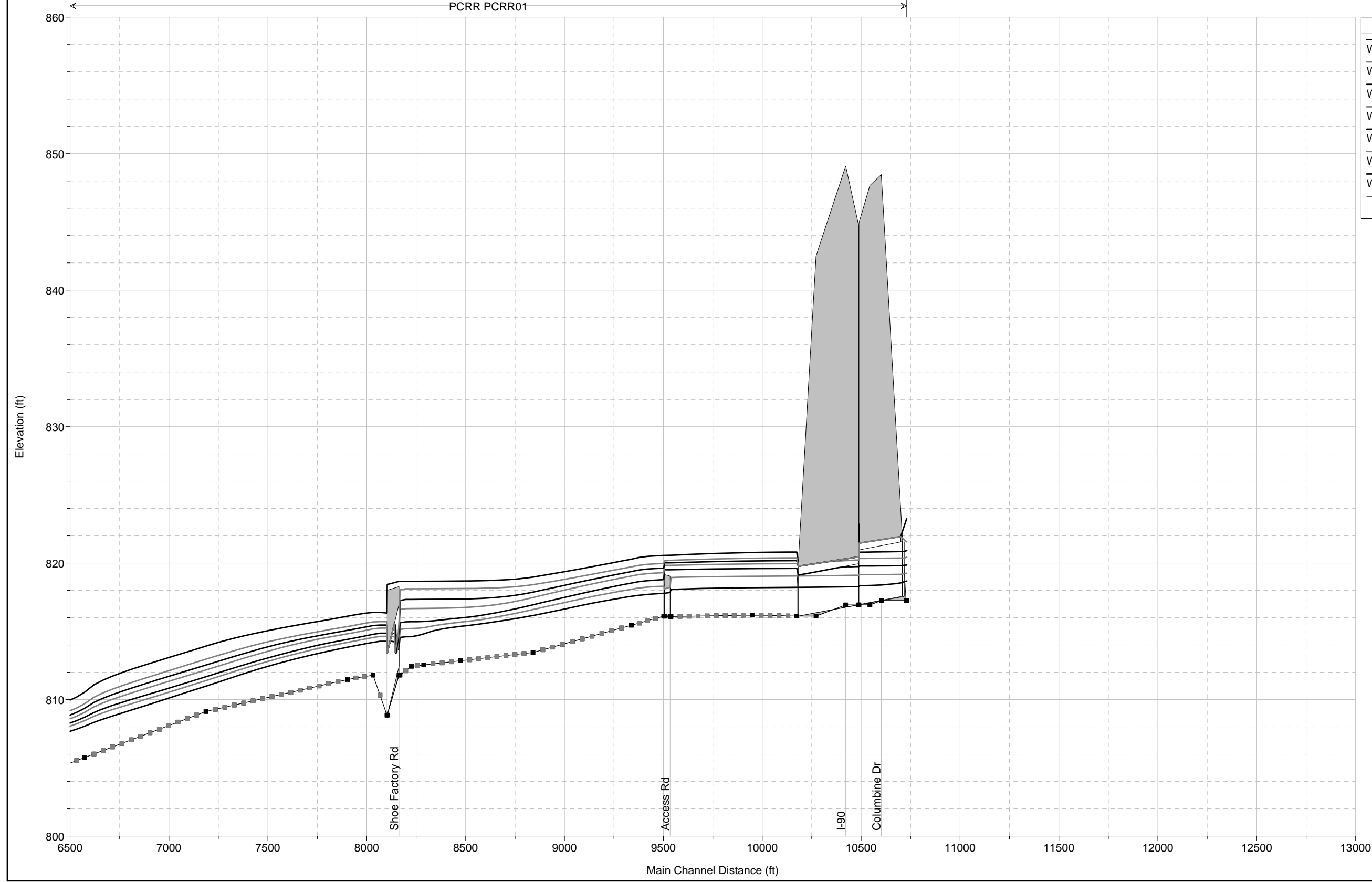


| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

Poplar Creek Railroad Tributary

PCRR PCRR01

| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

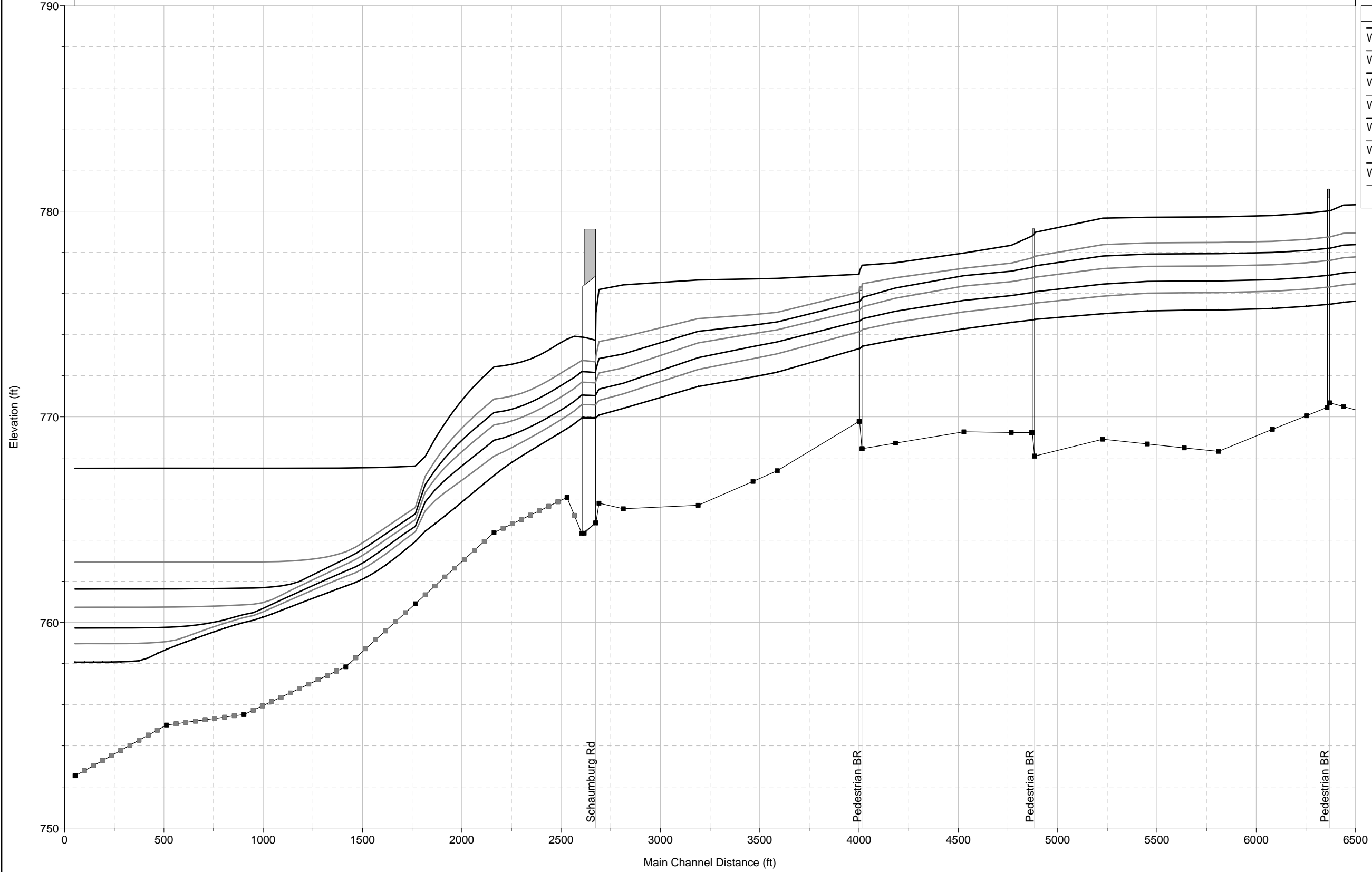


Poplar Creek South Branch

PCSB PCSB02

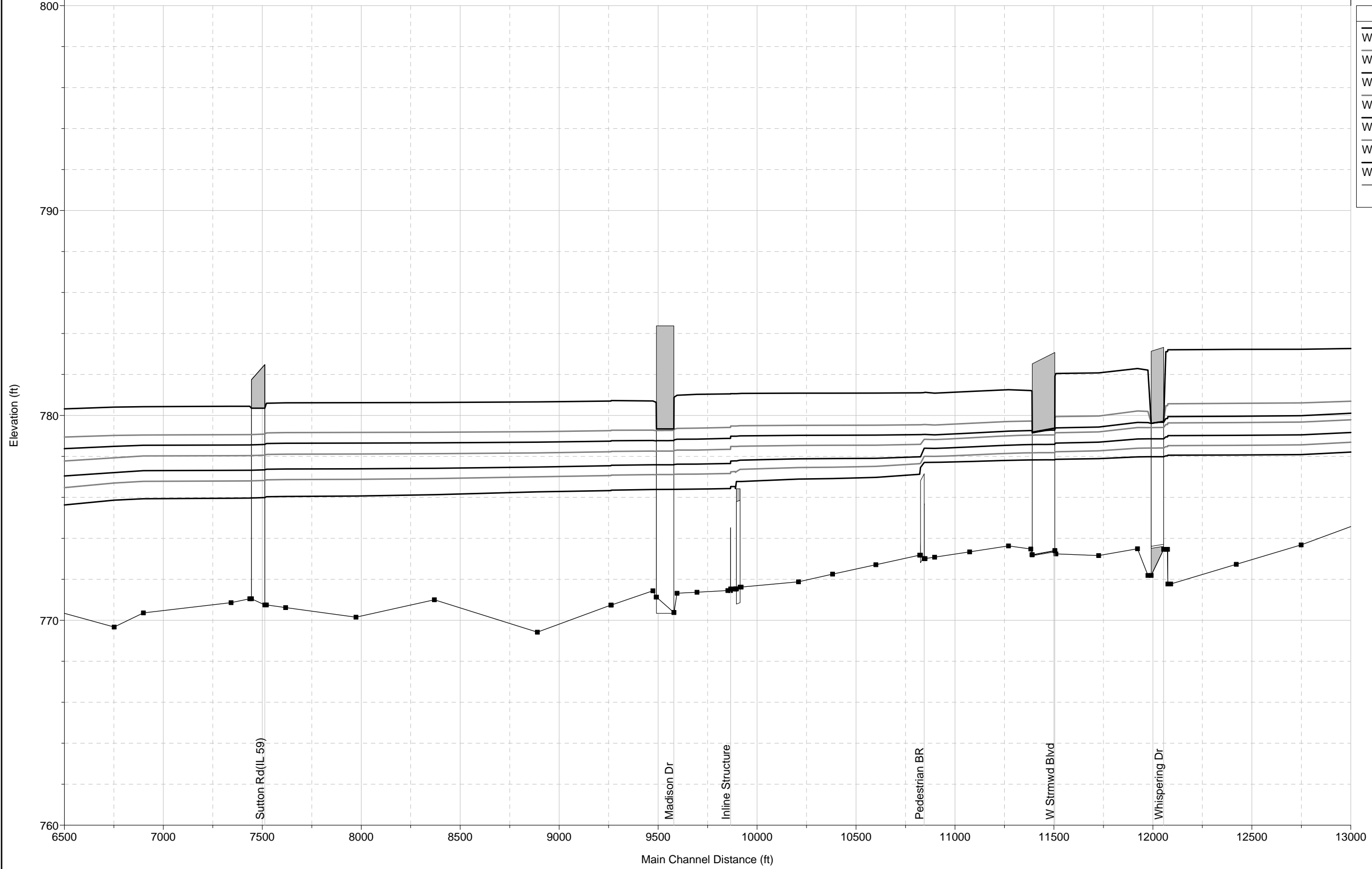
Legend

- WS Max WS - EX500yr24hr
- WS Max WS - EX100yr24hr
- WS Max WS - EX050yr24hr
- WS Max WS - EX025yr24hr
- WS Max WS - EX010yr24hr
- WS Max WS - EX005yr24hr
- WS Max WS - EX002yr24hr
- Ground



Poplar Creek South Branch

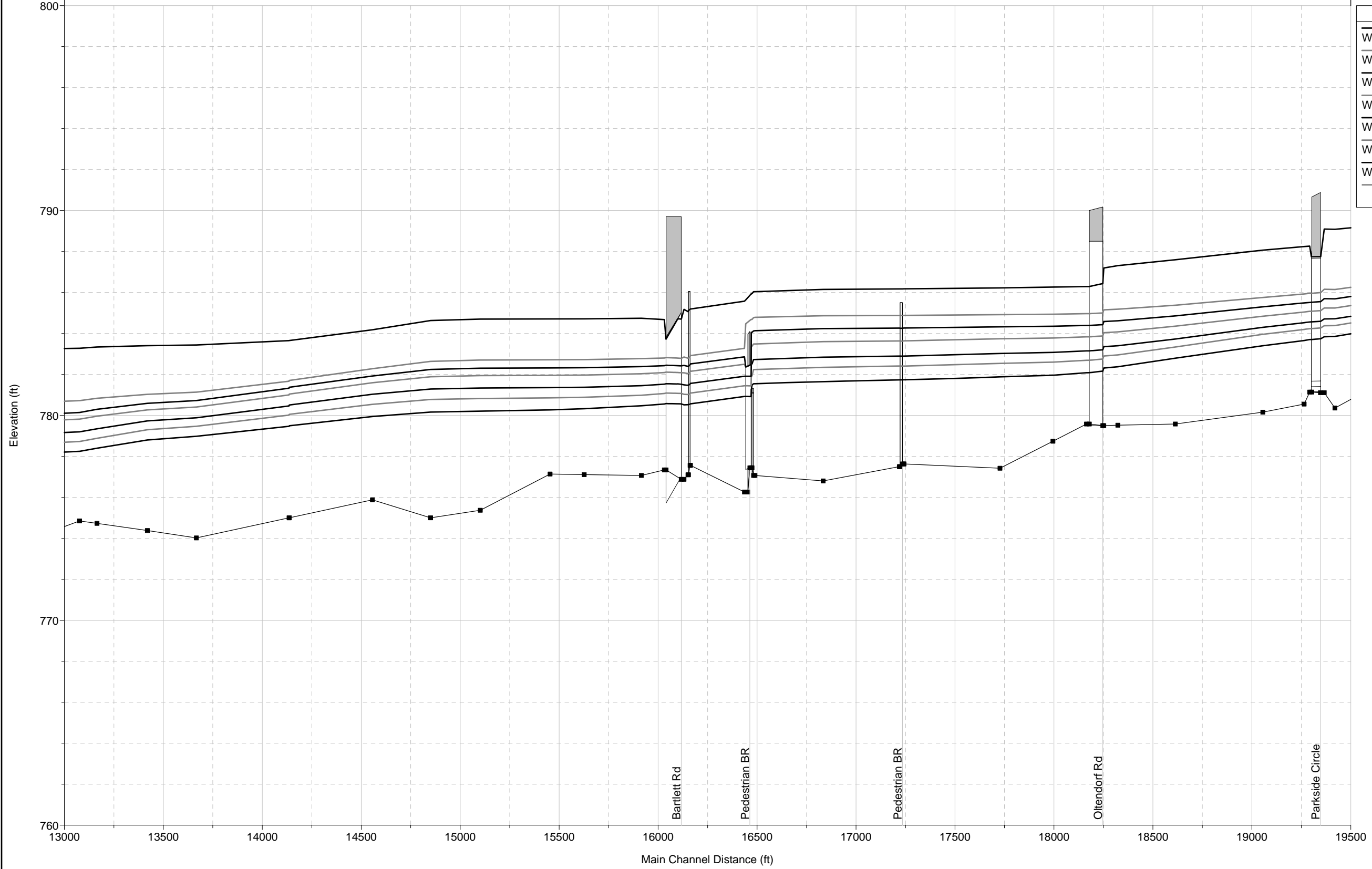
PCSB PCSB02



| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

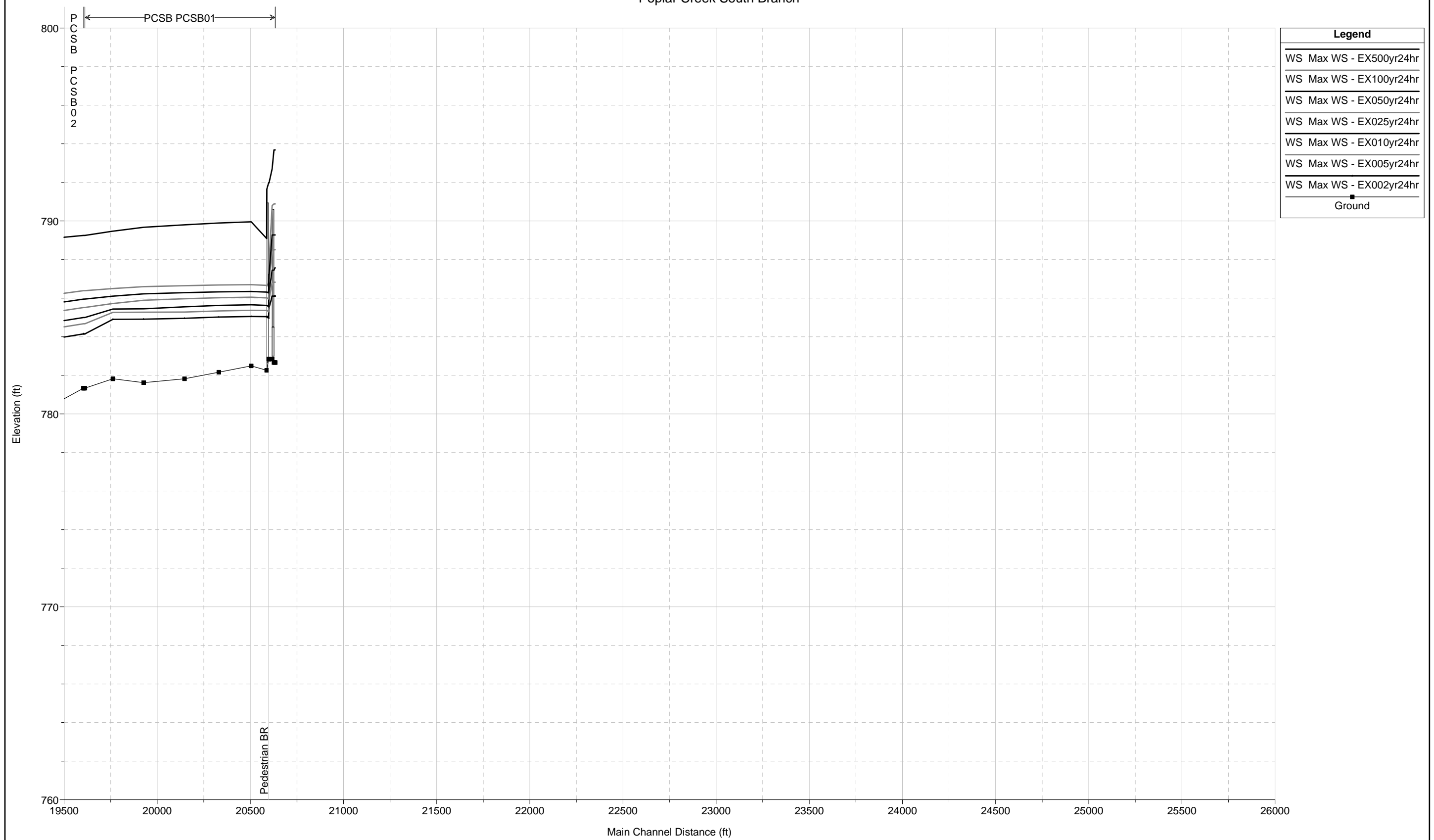
Poplar Creek South Branch

PCSB PCSB02

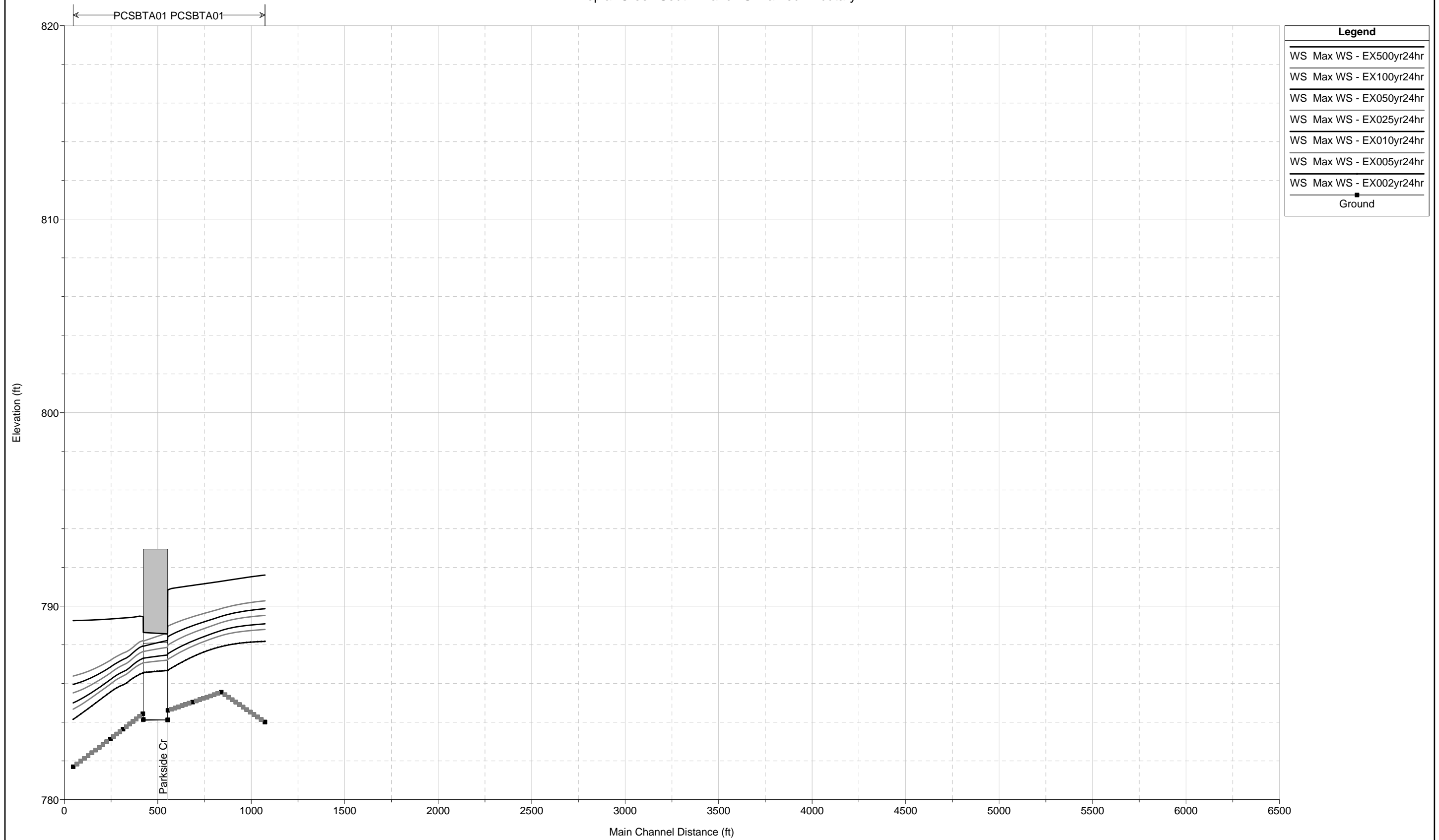


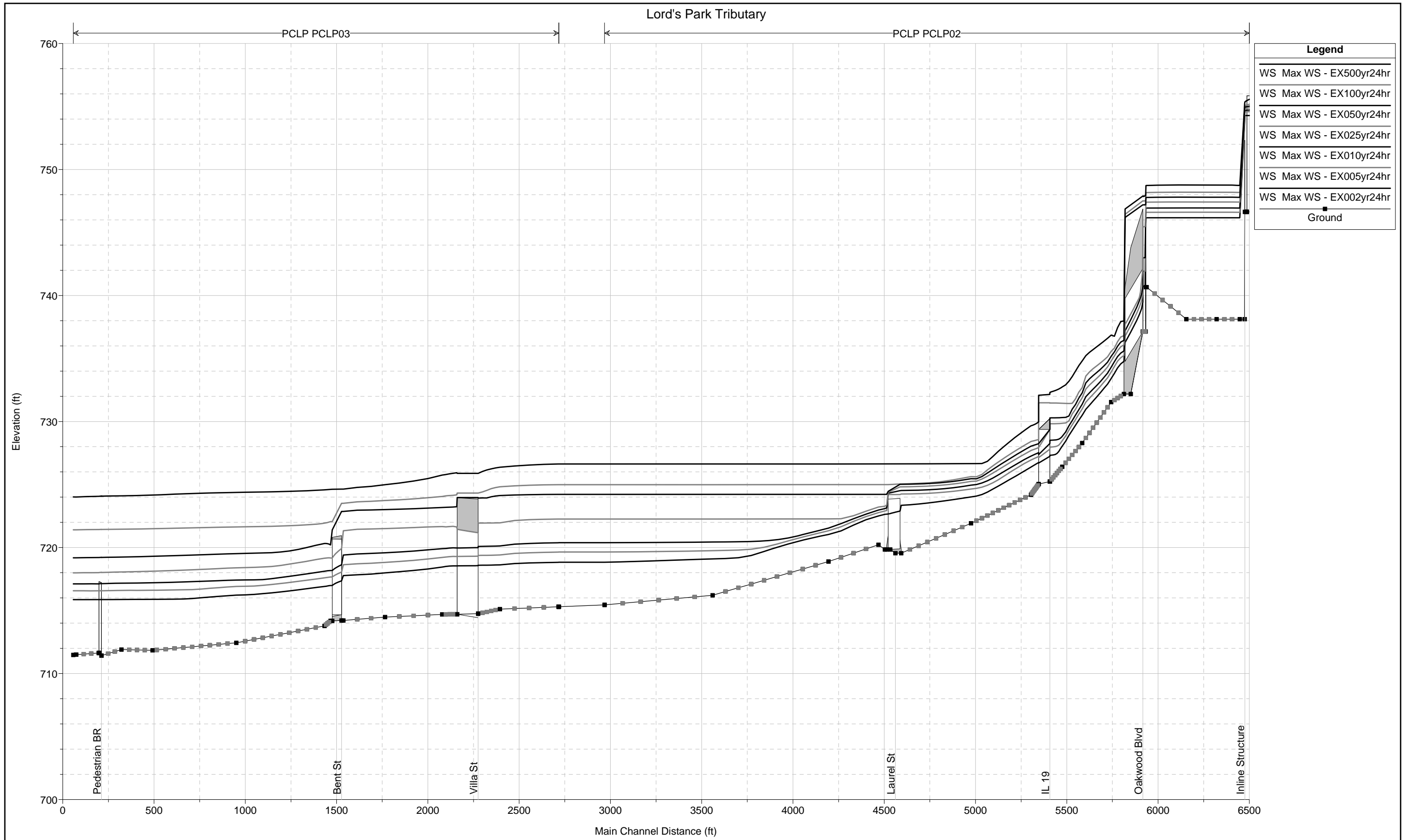
| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

Poplar Creek South Branch

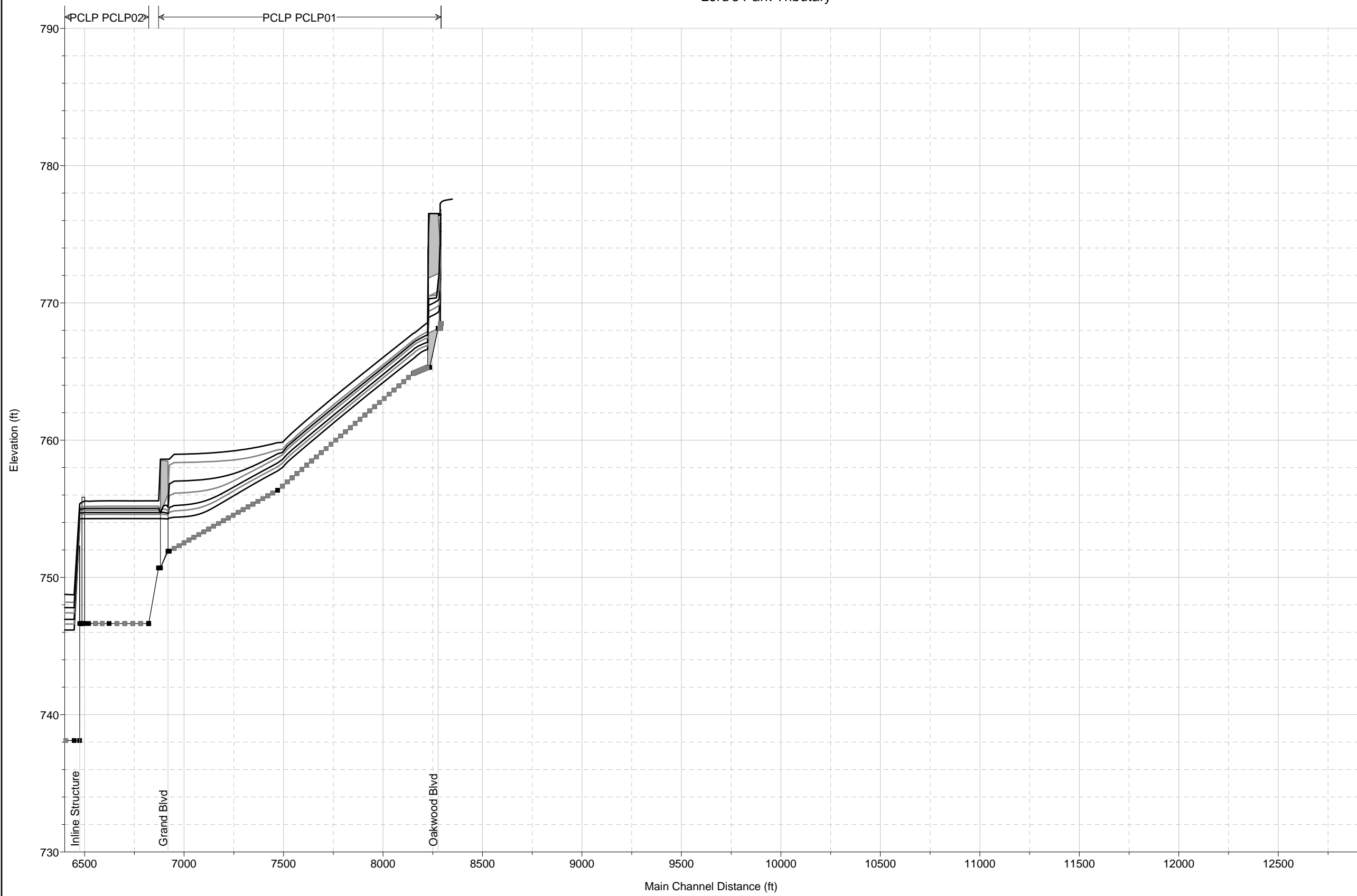


Poplar Creek South Branch Unnamed Tributary A



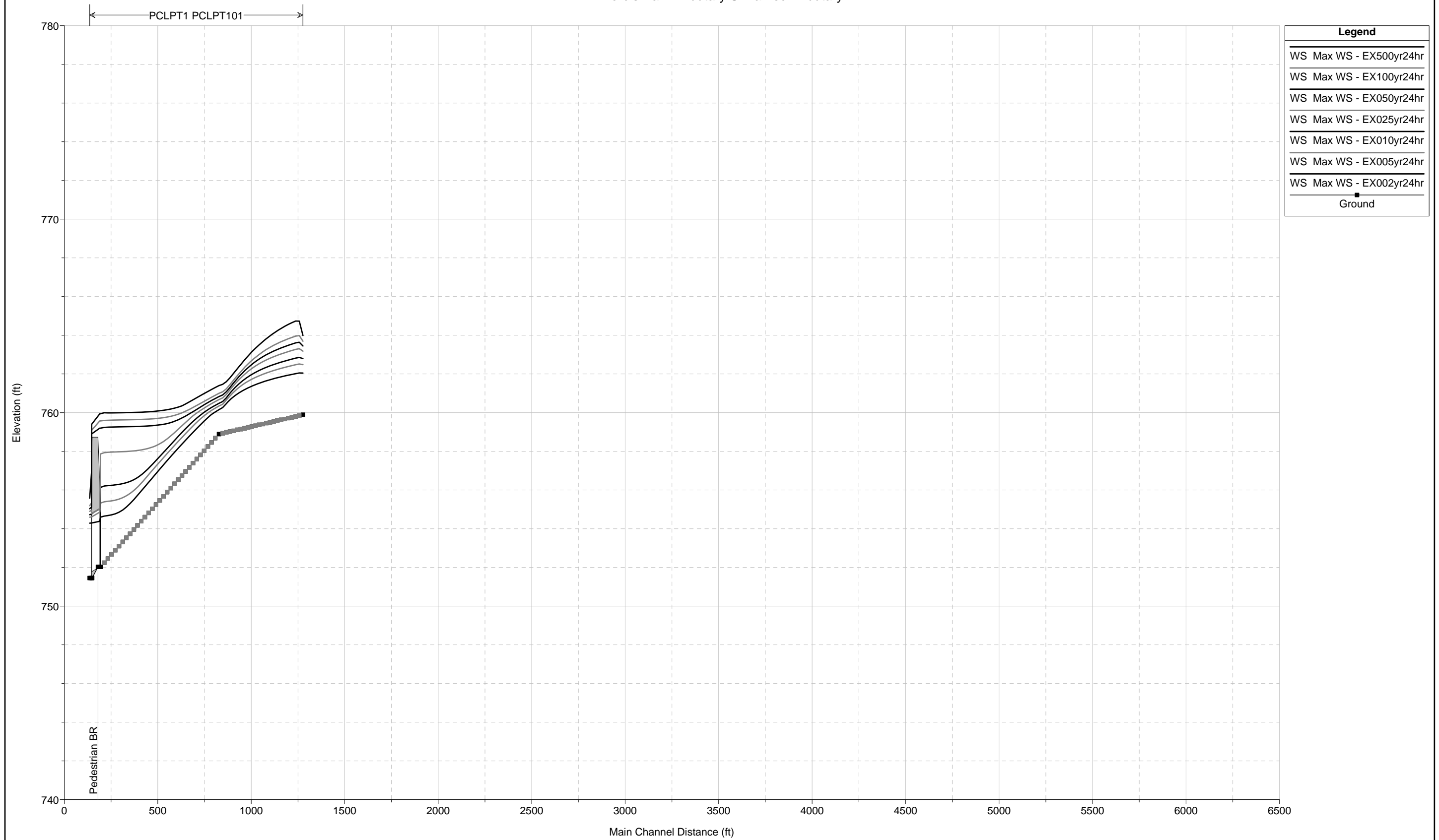


Lord's Park Tributary

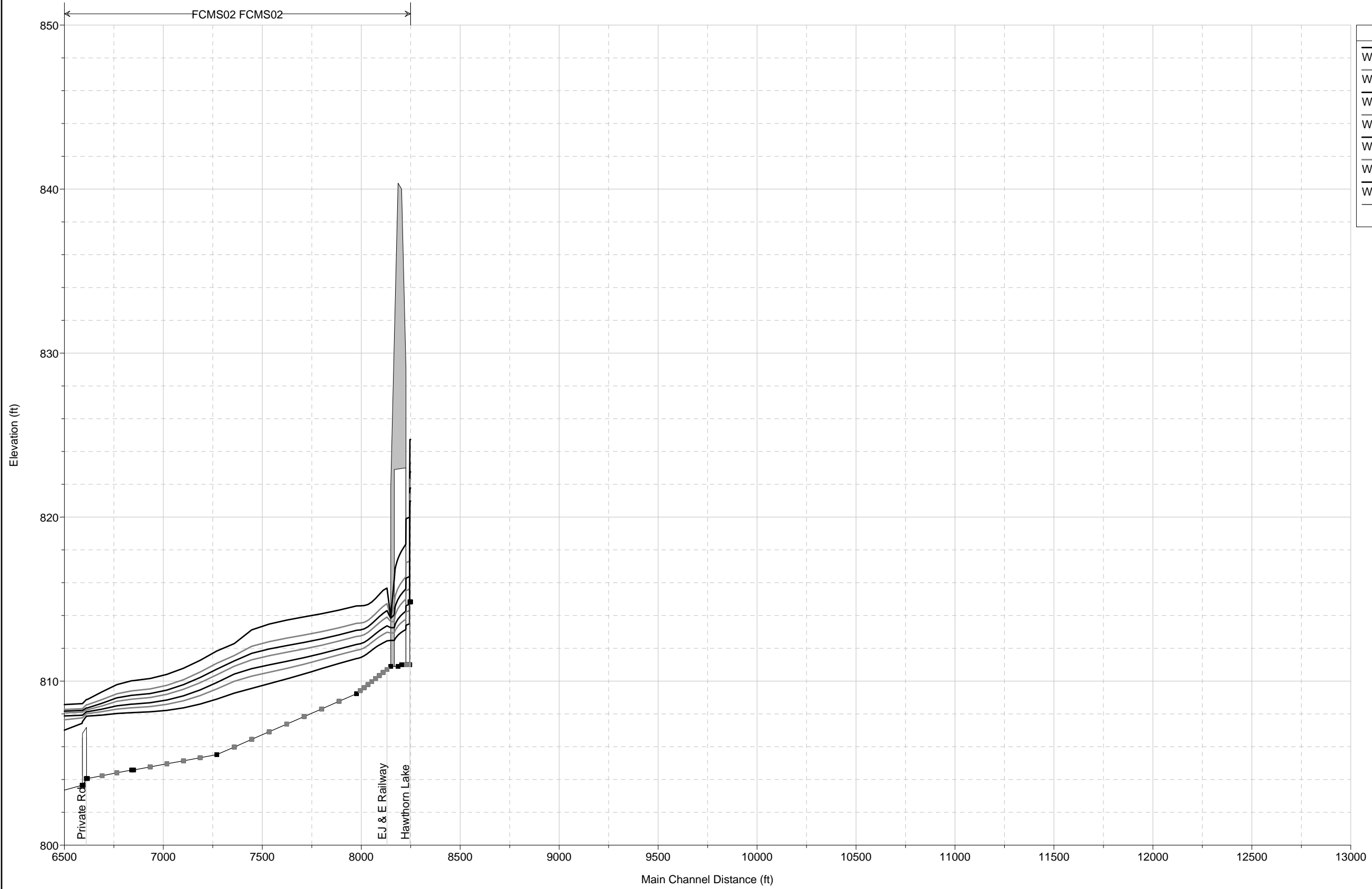


| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

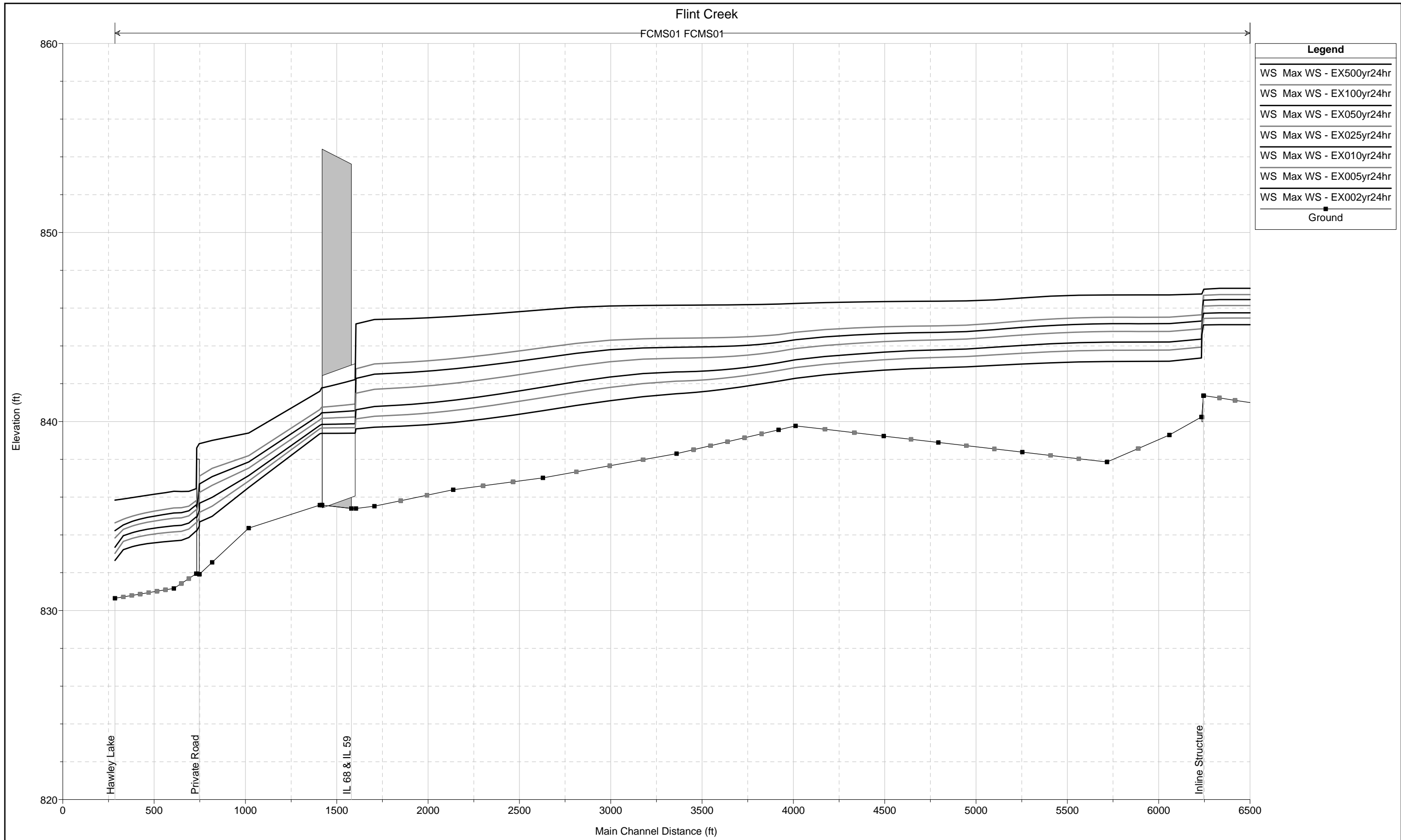
Lord's Park Tributary Unnamed Tributary

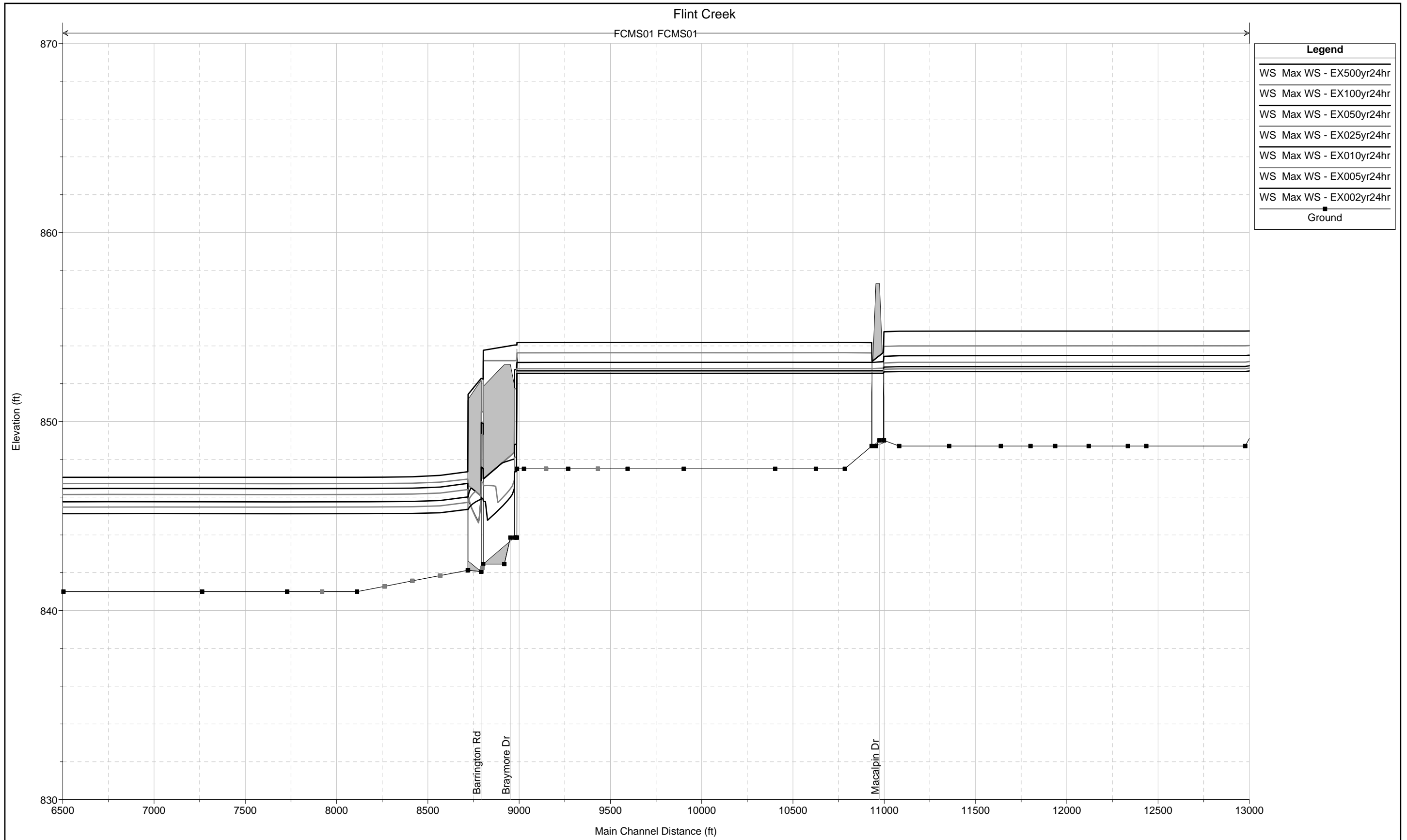


Flint Creek

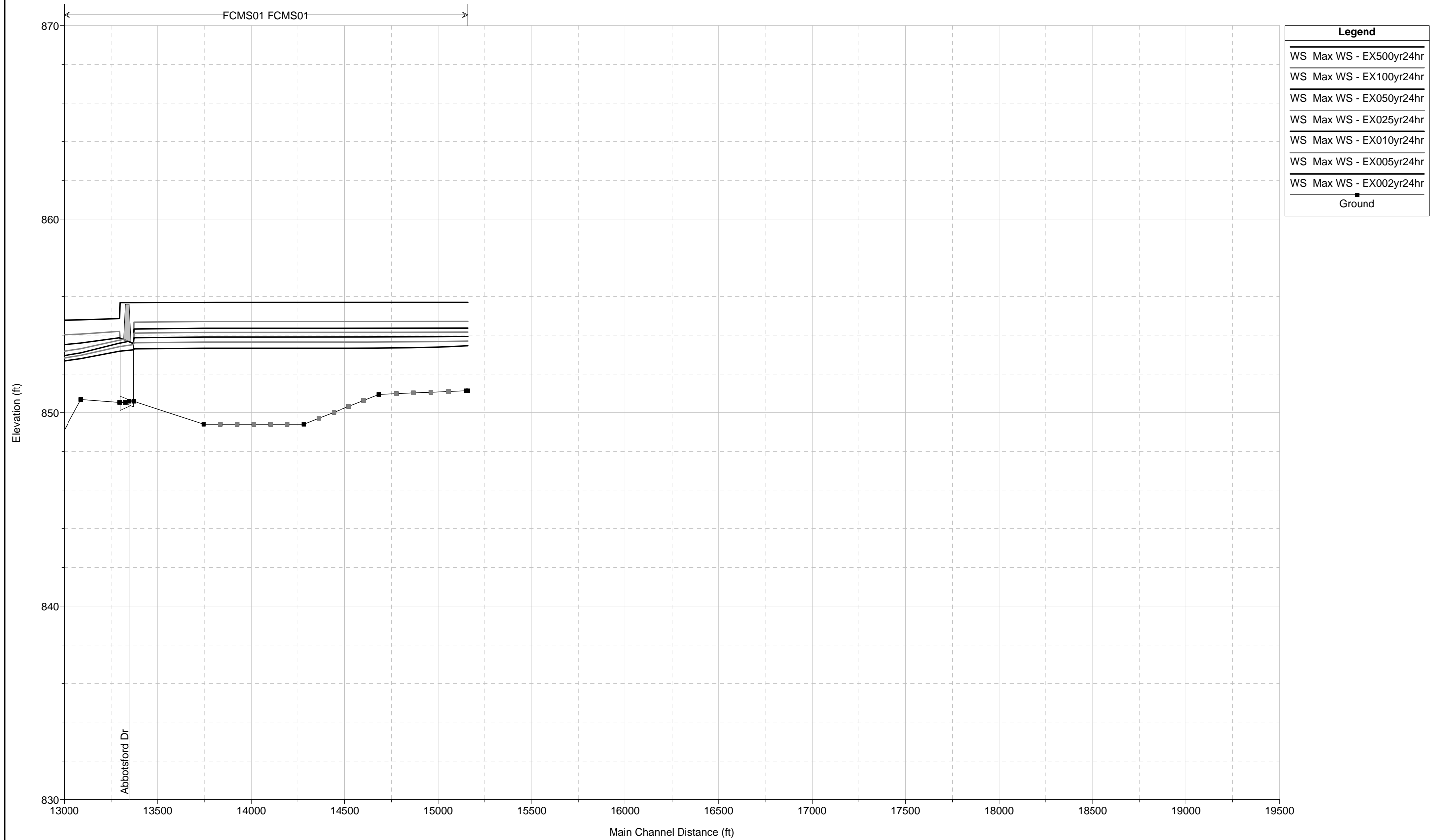


| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX050yr24hr |
| WS | Max WS - EX025yr24hr |
| WS | Max WS - EX010yr24hr |
| WS | Max WS - EX005yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |

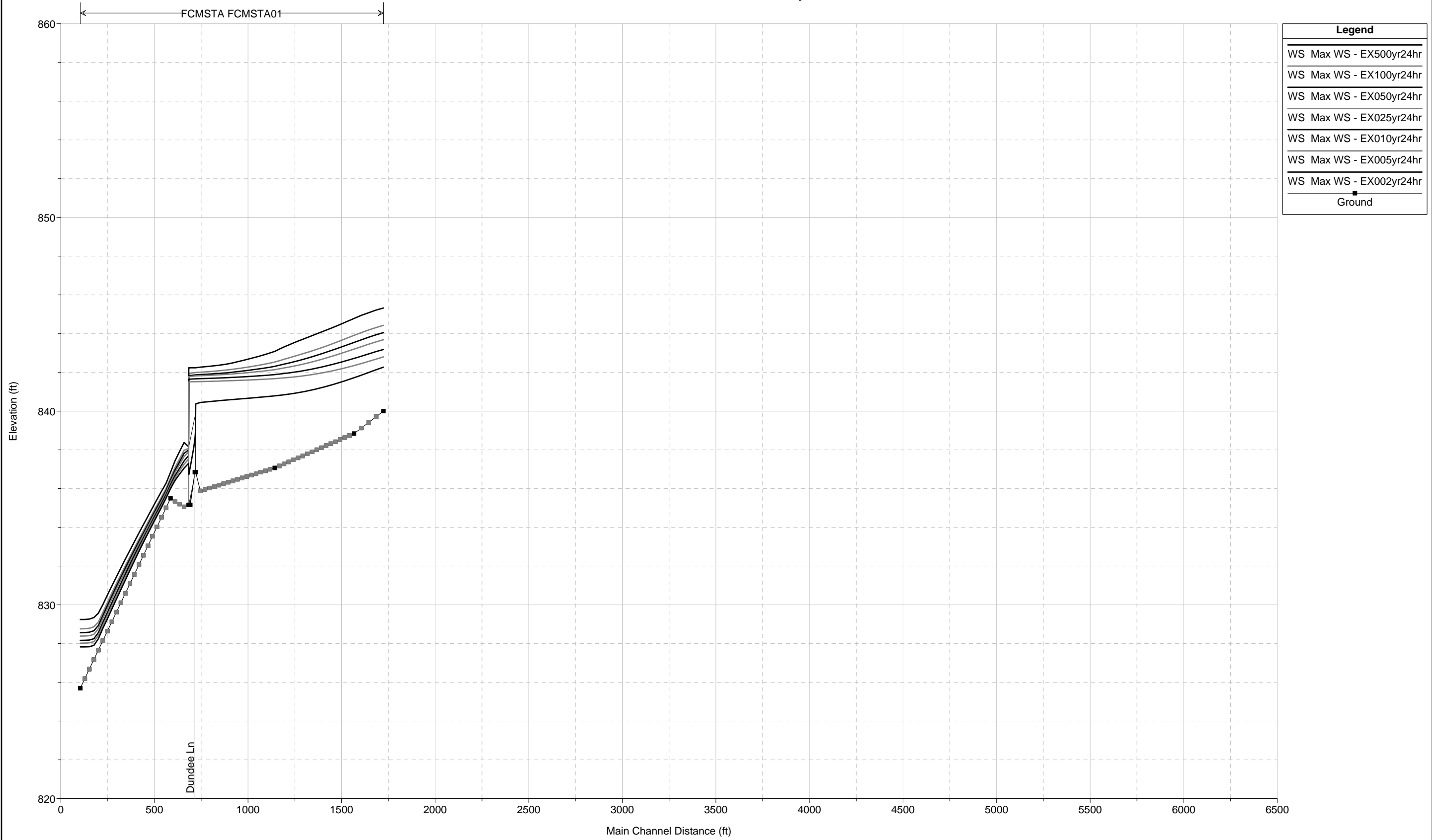


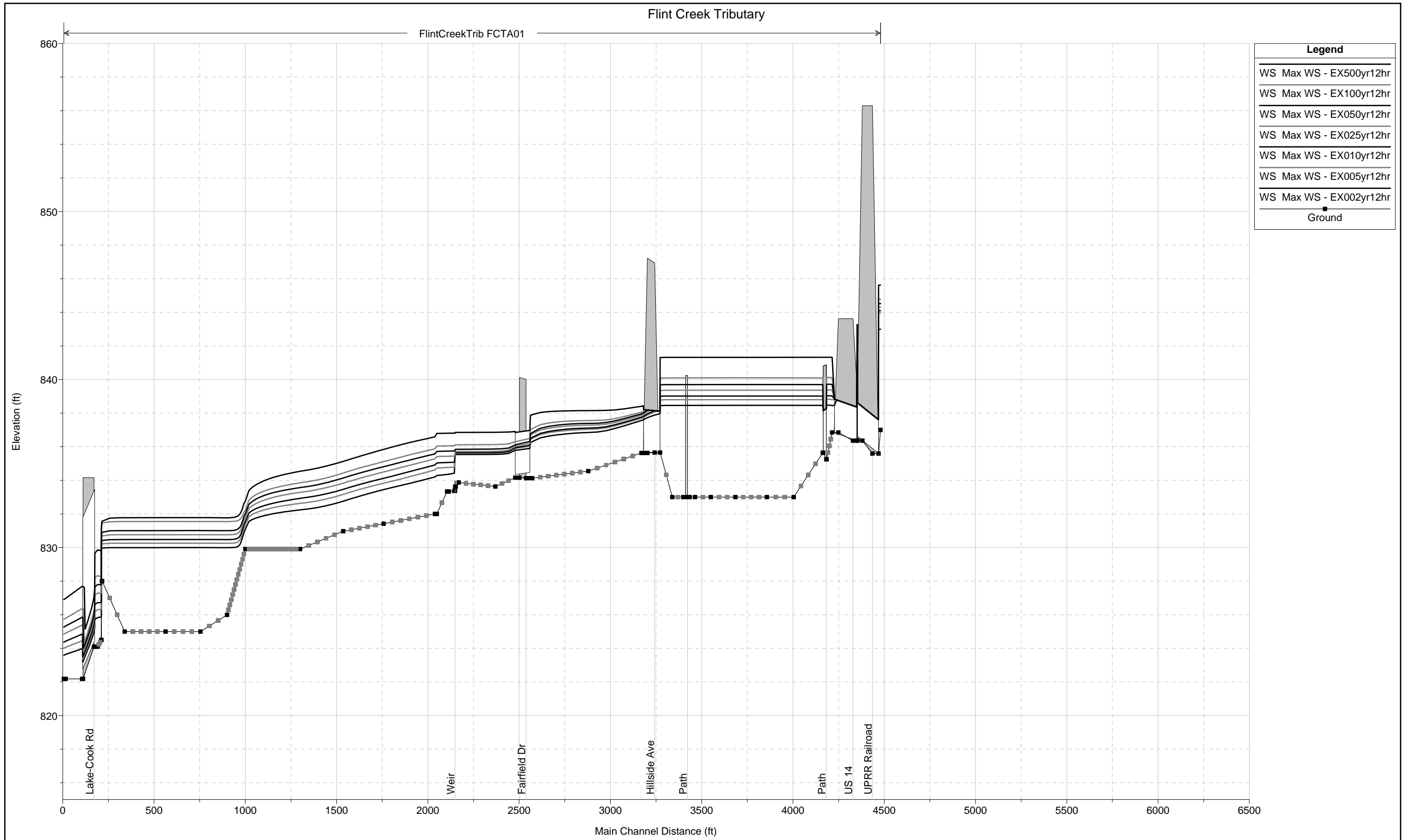


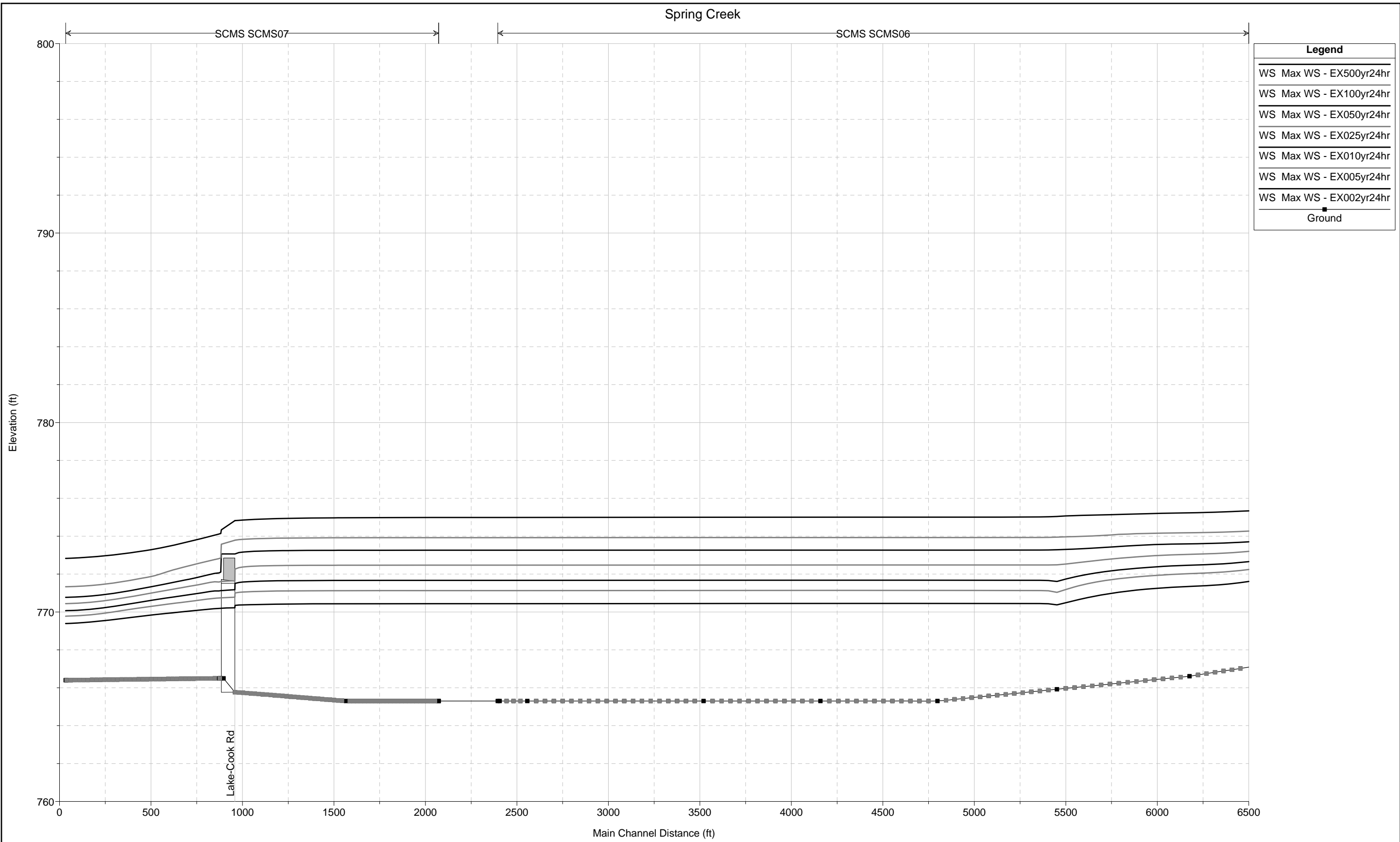
Flint Creek

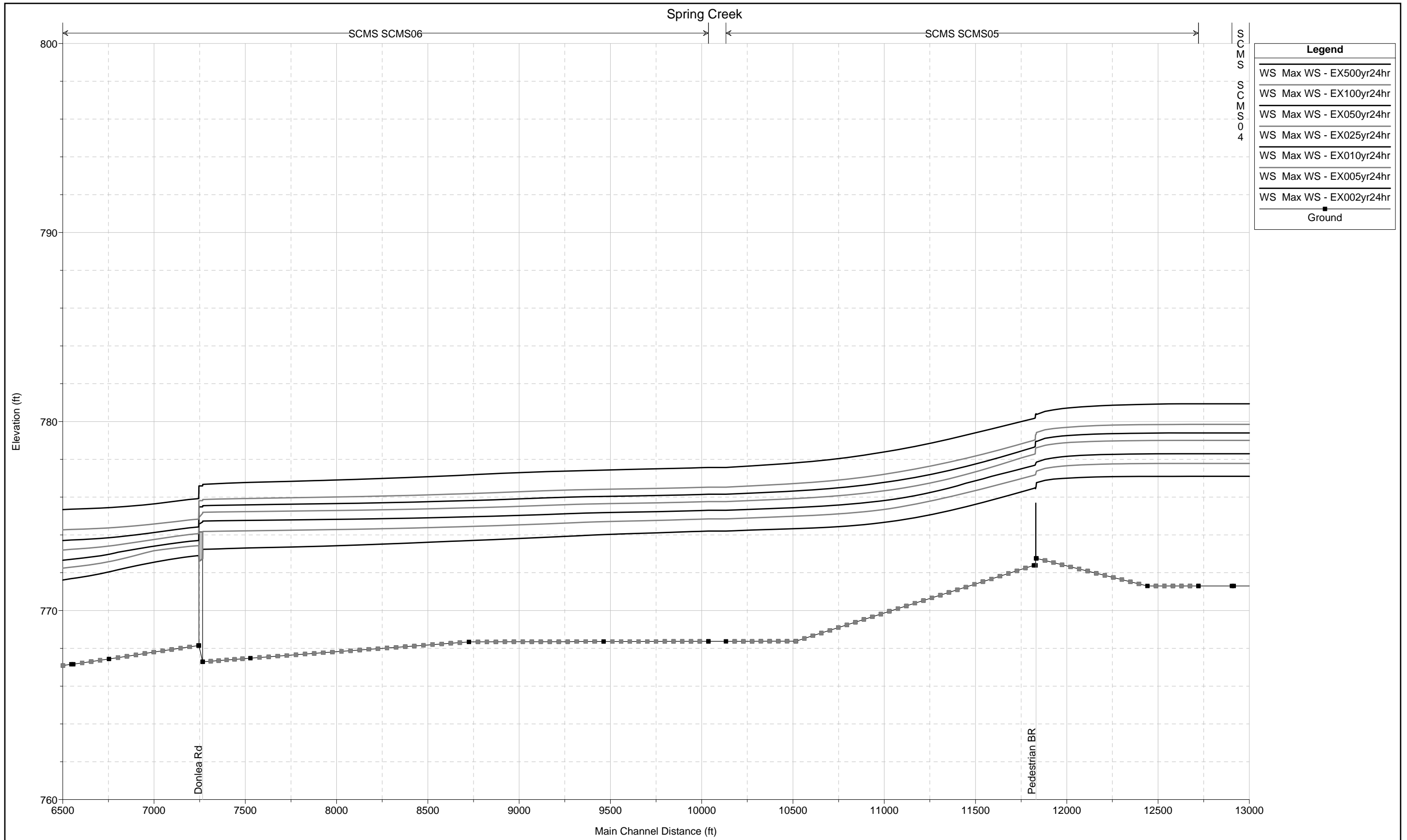


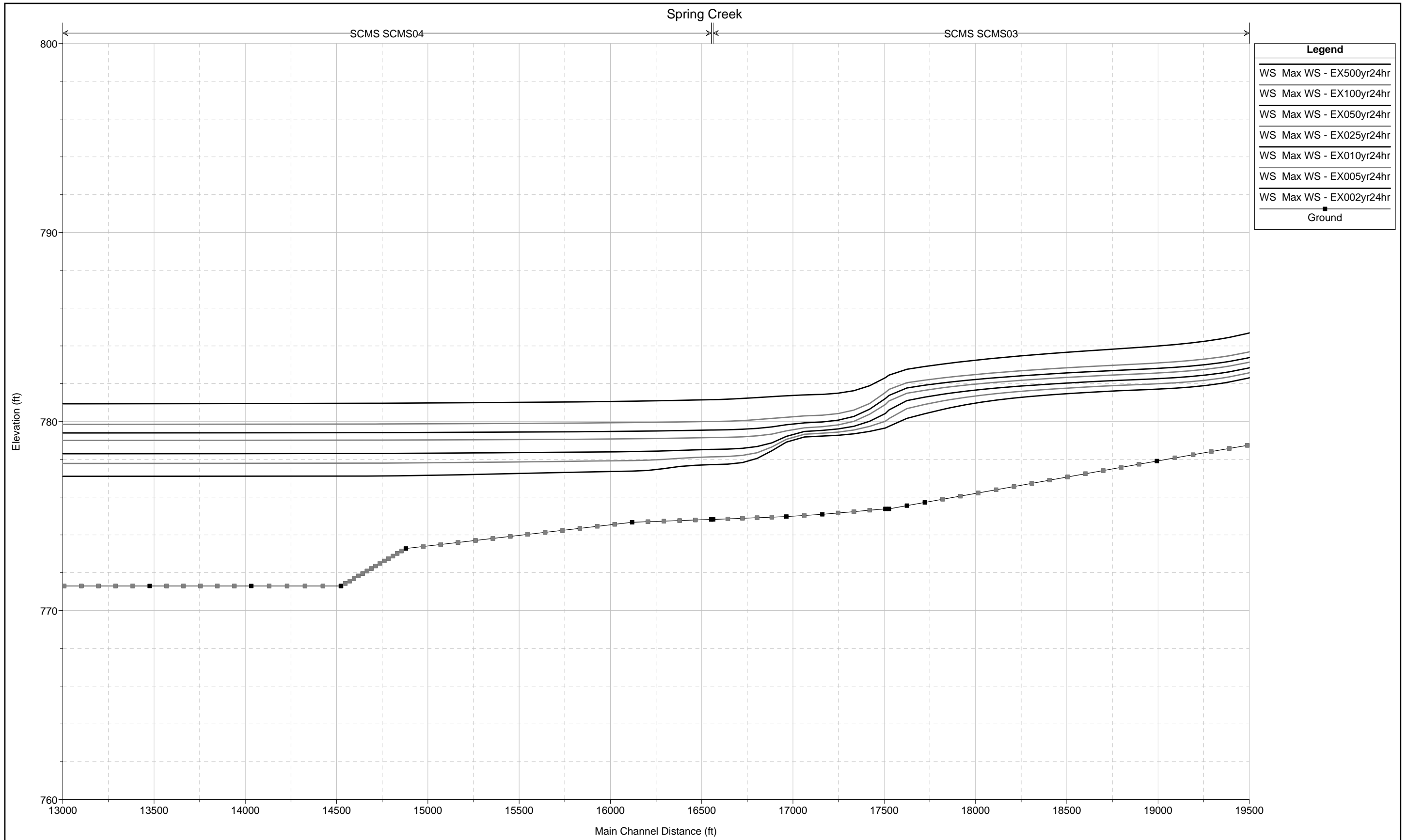
Flint Creek Unnamed Tributary A

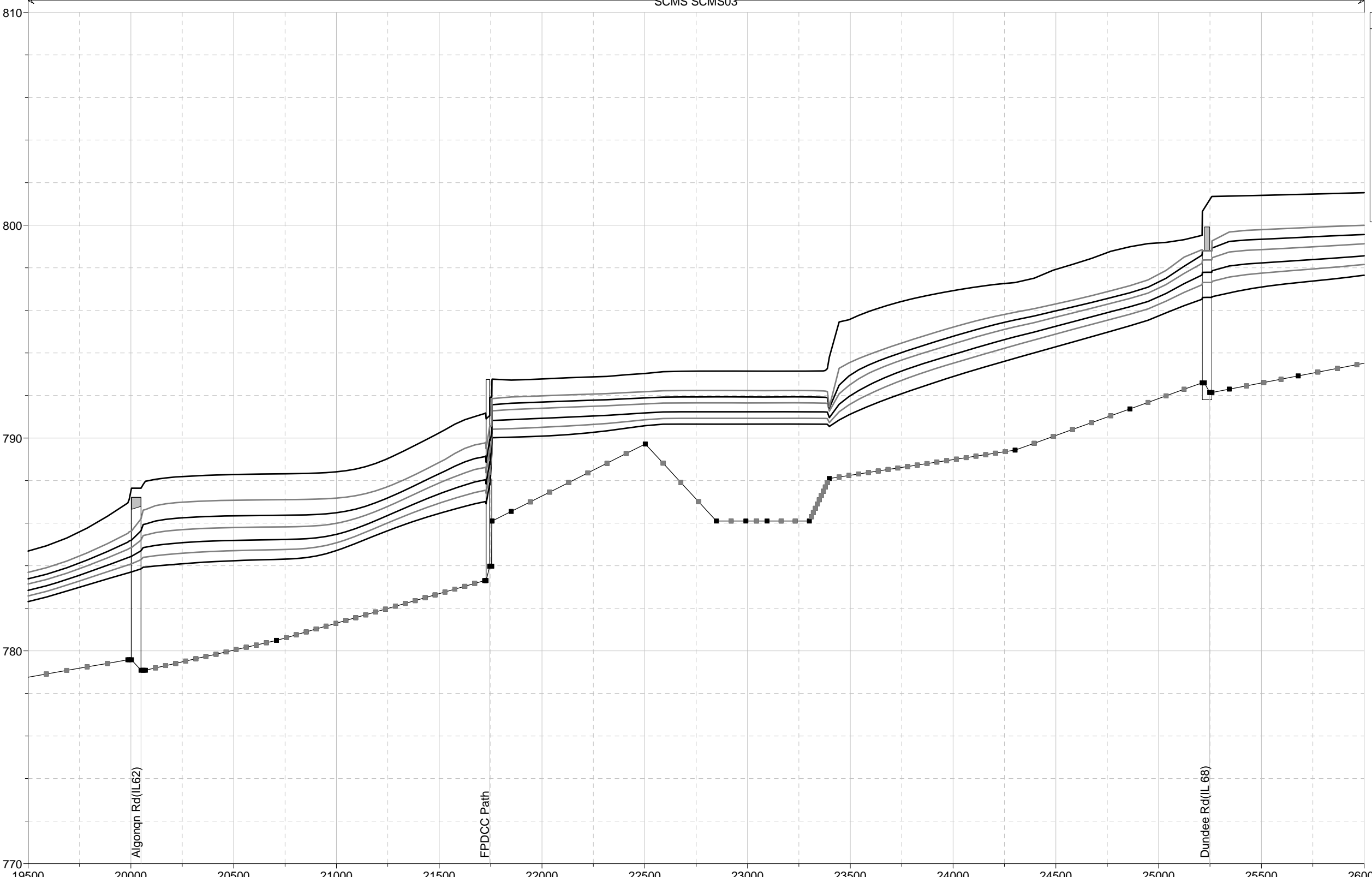
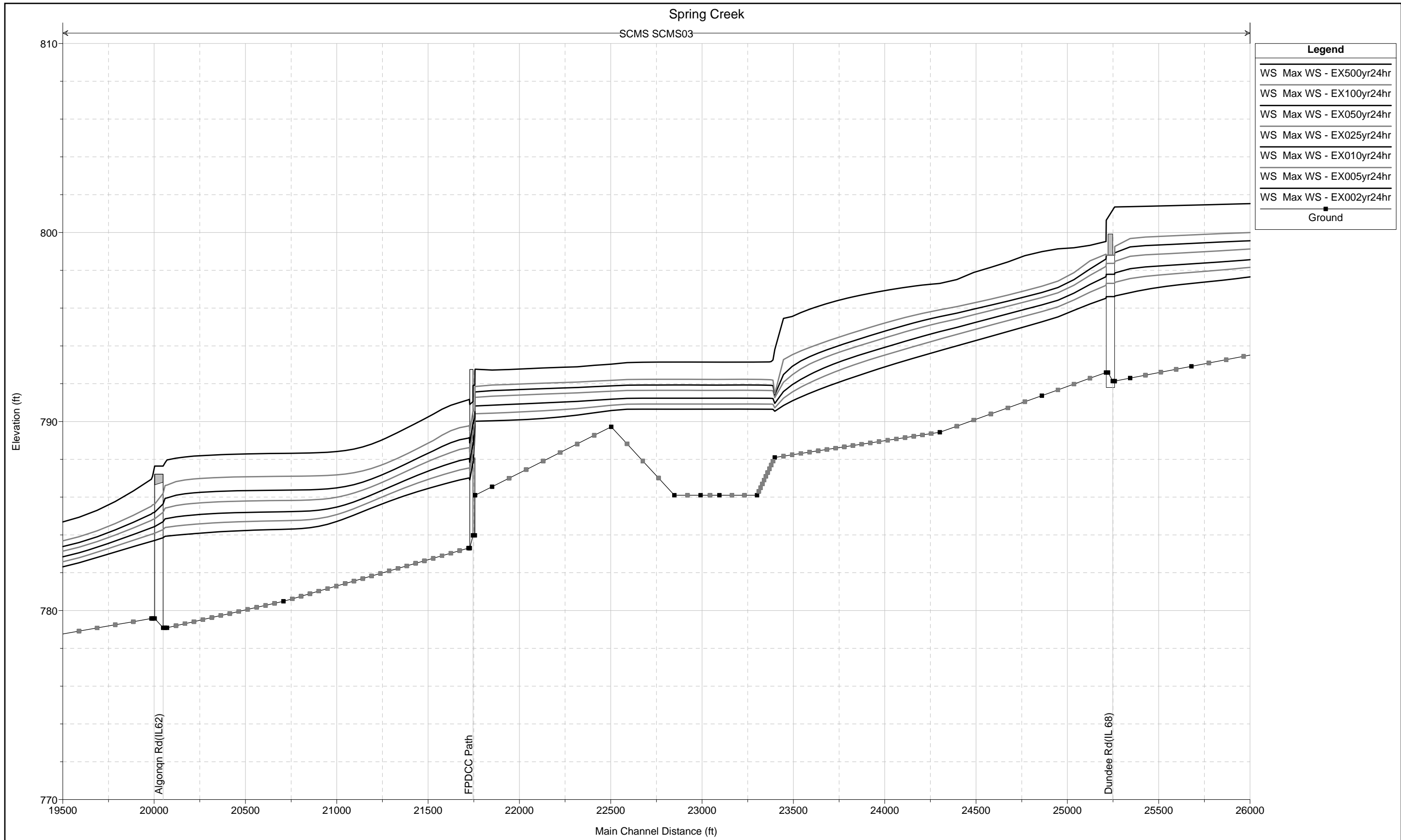


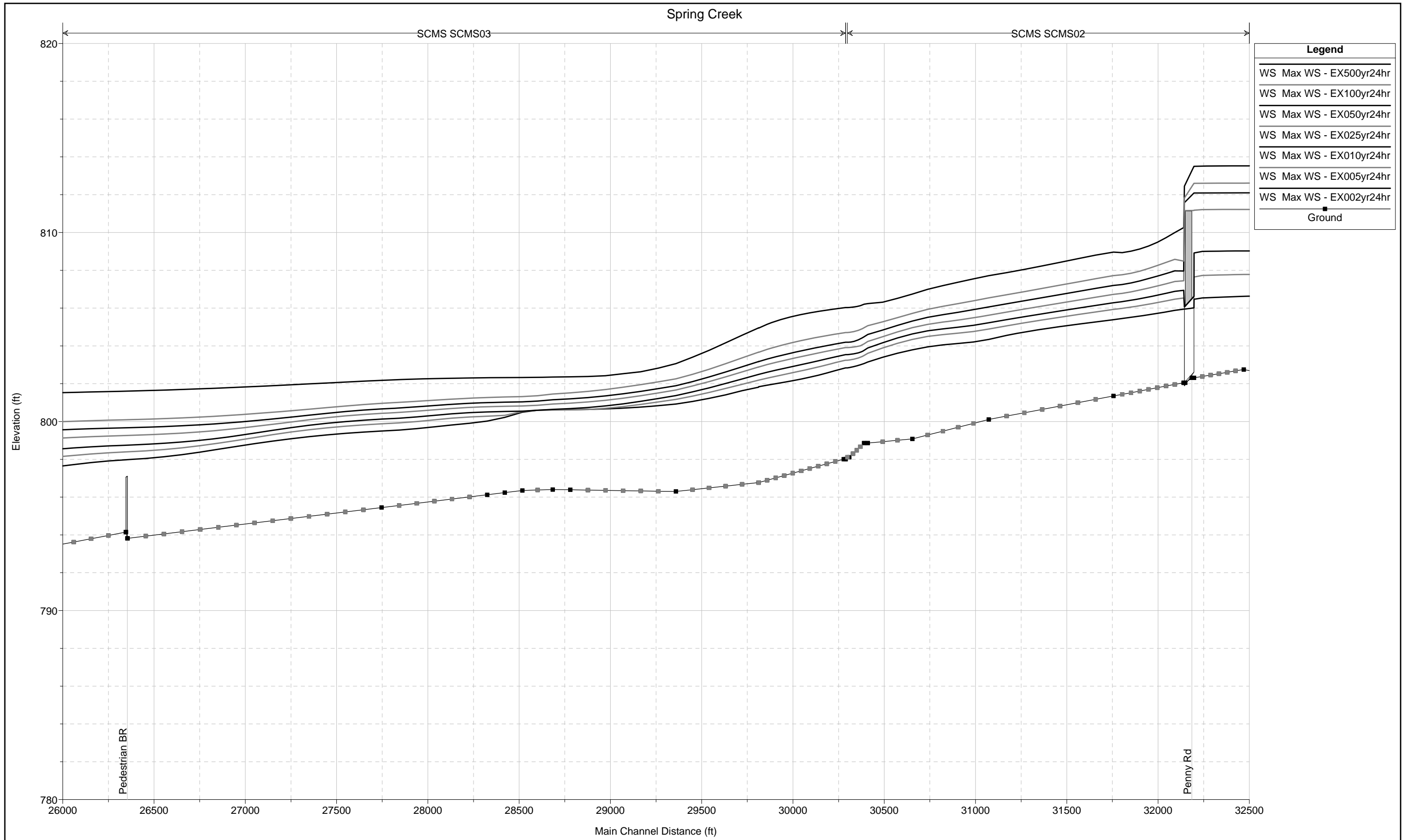


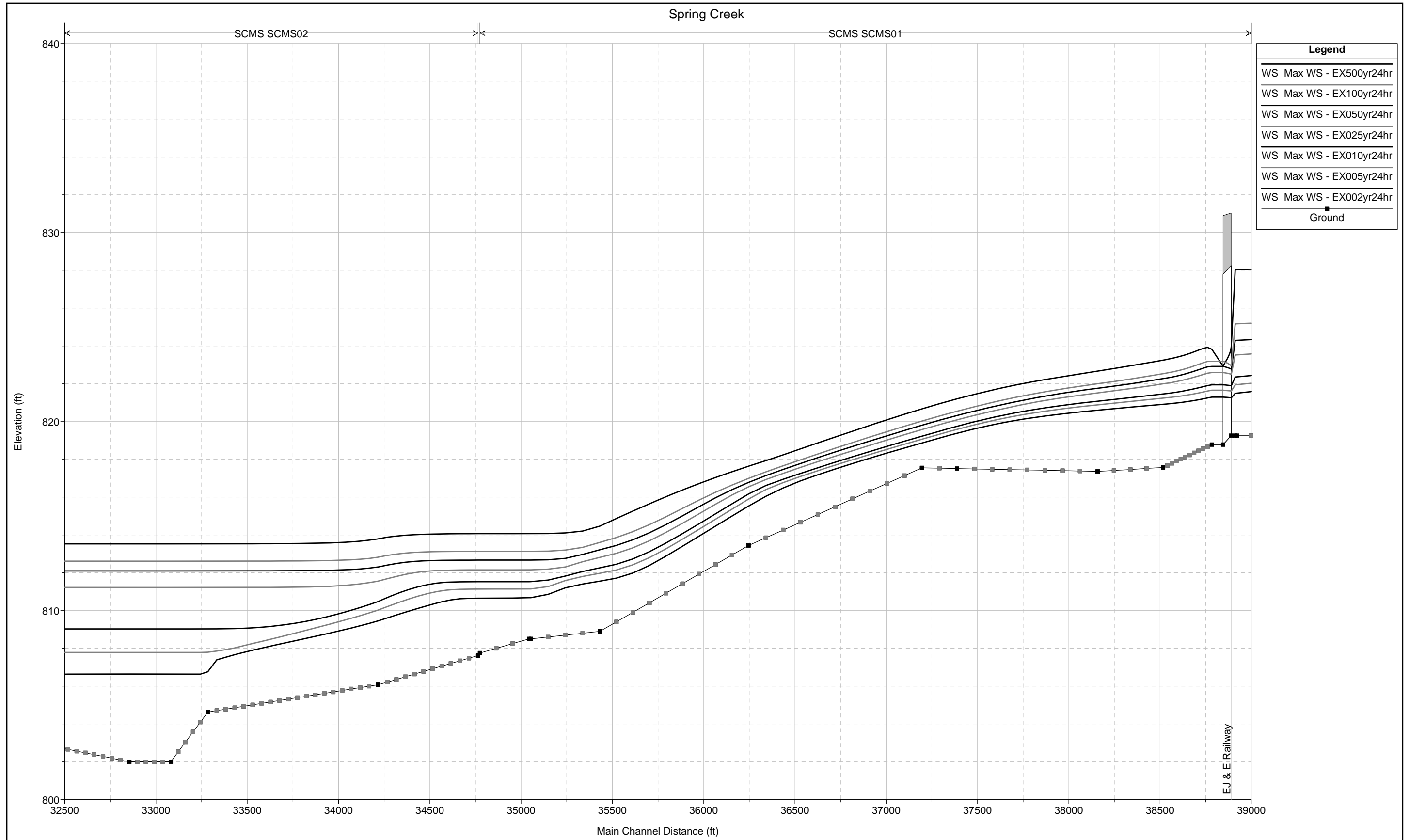


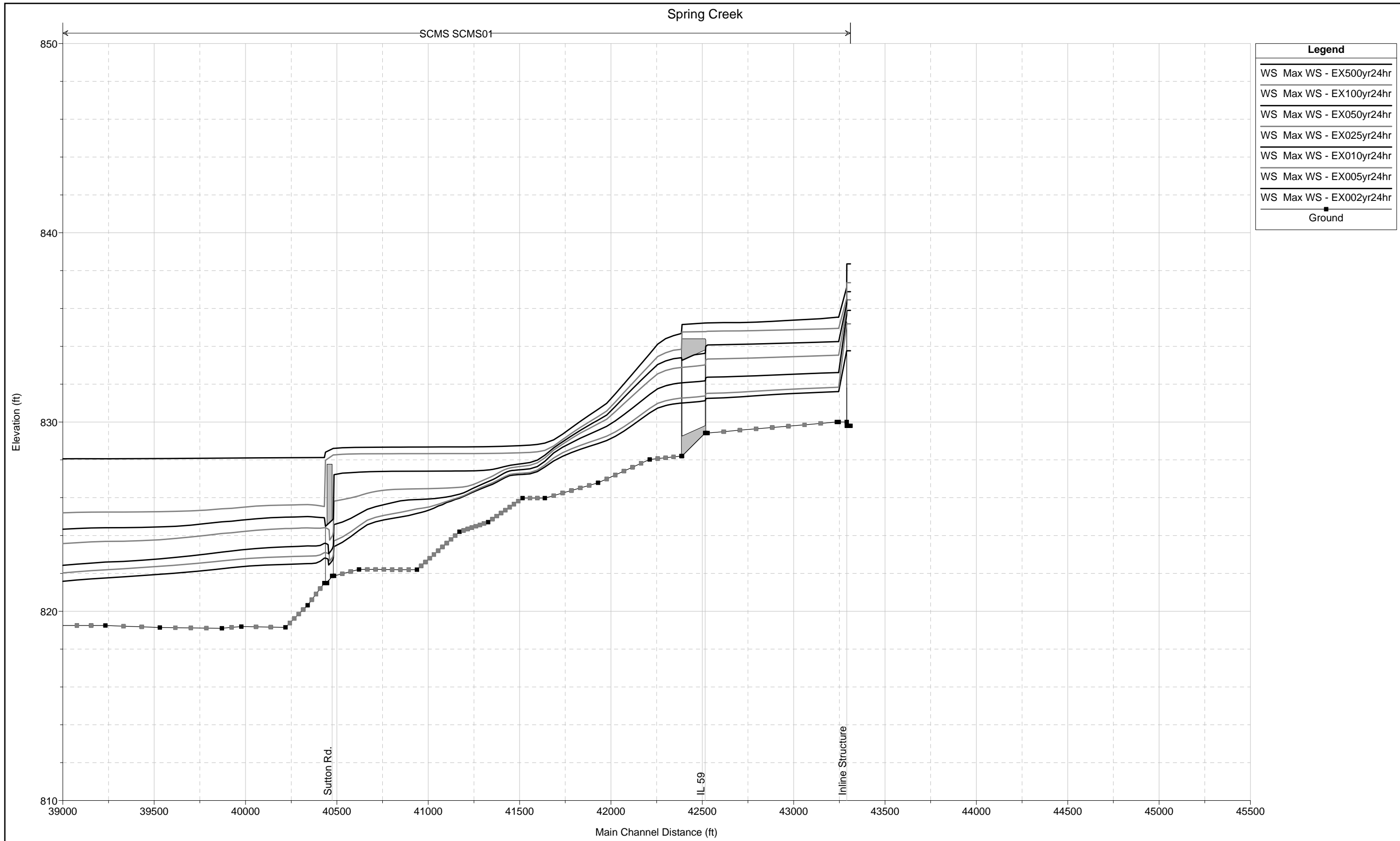








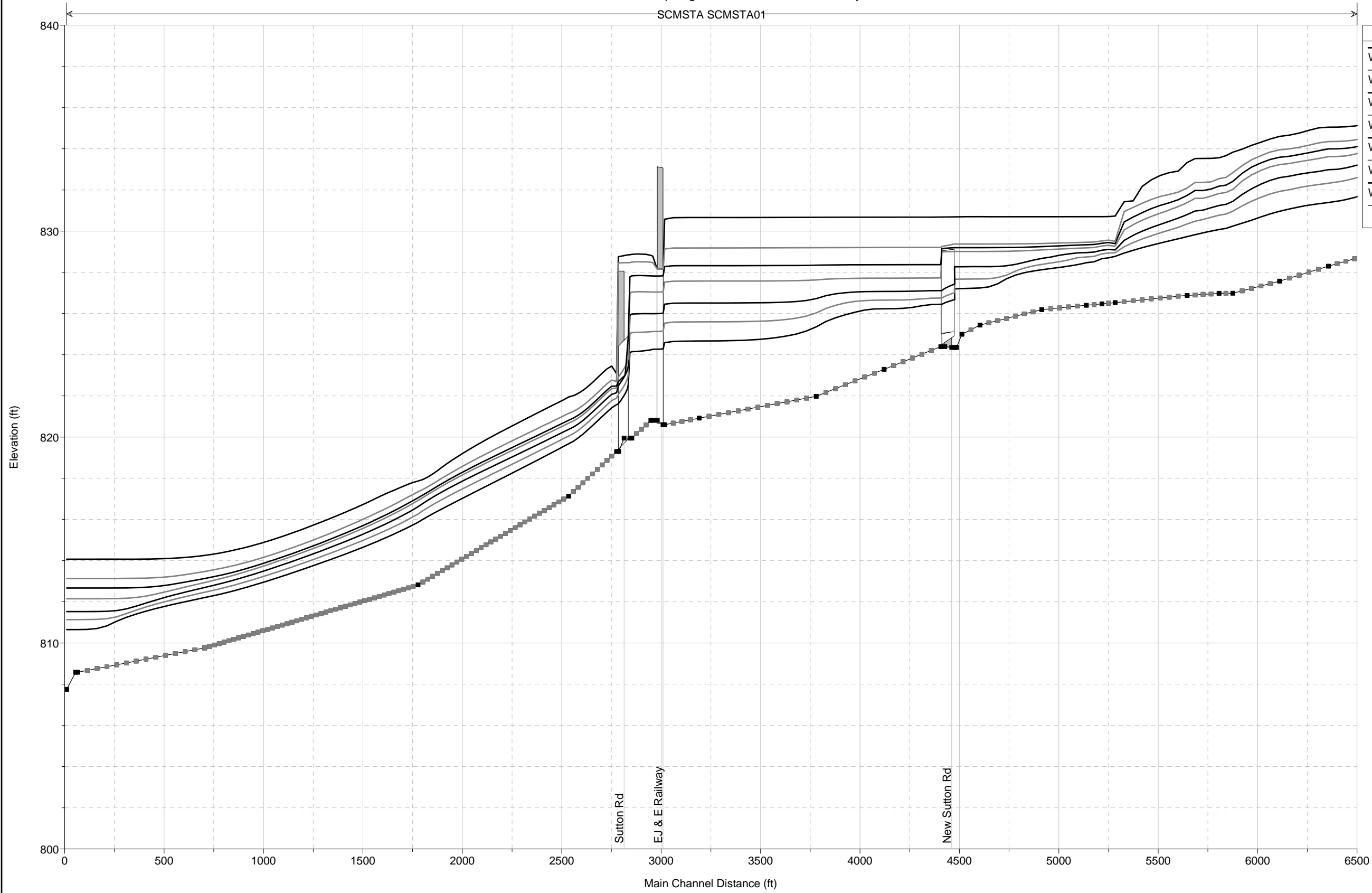




Spring Creek Unnamed Tributary A

SCMSTA SCMSTA01

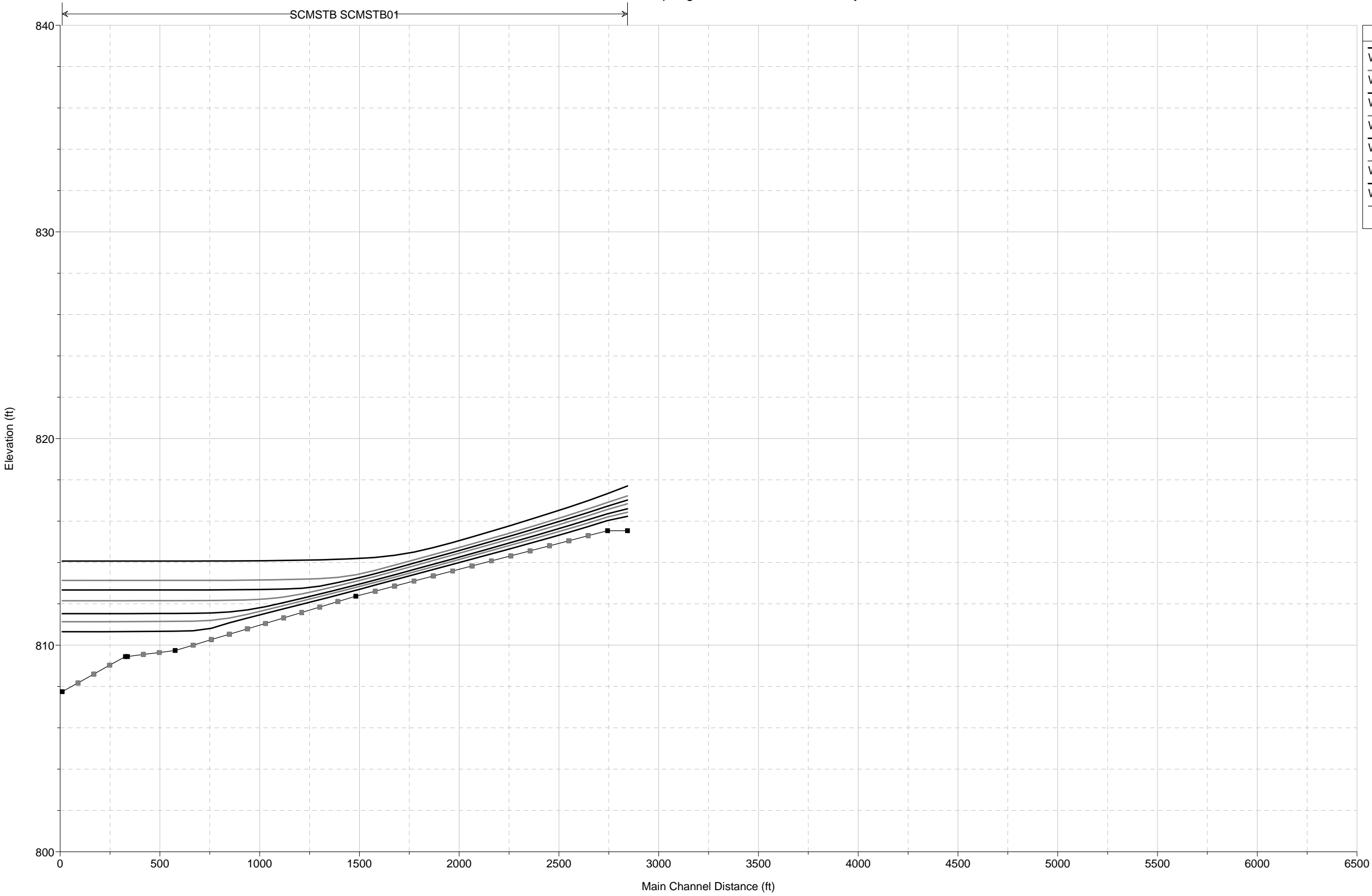
| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

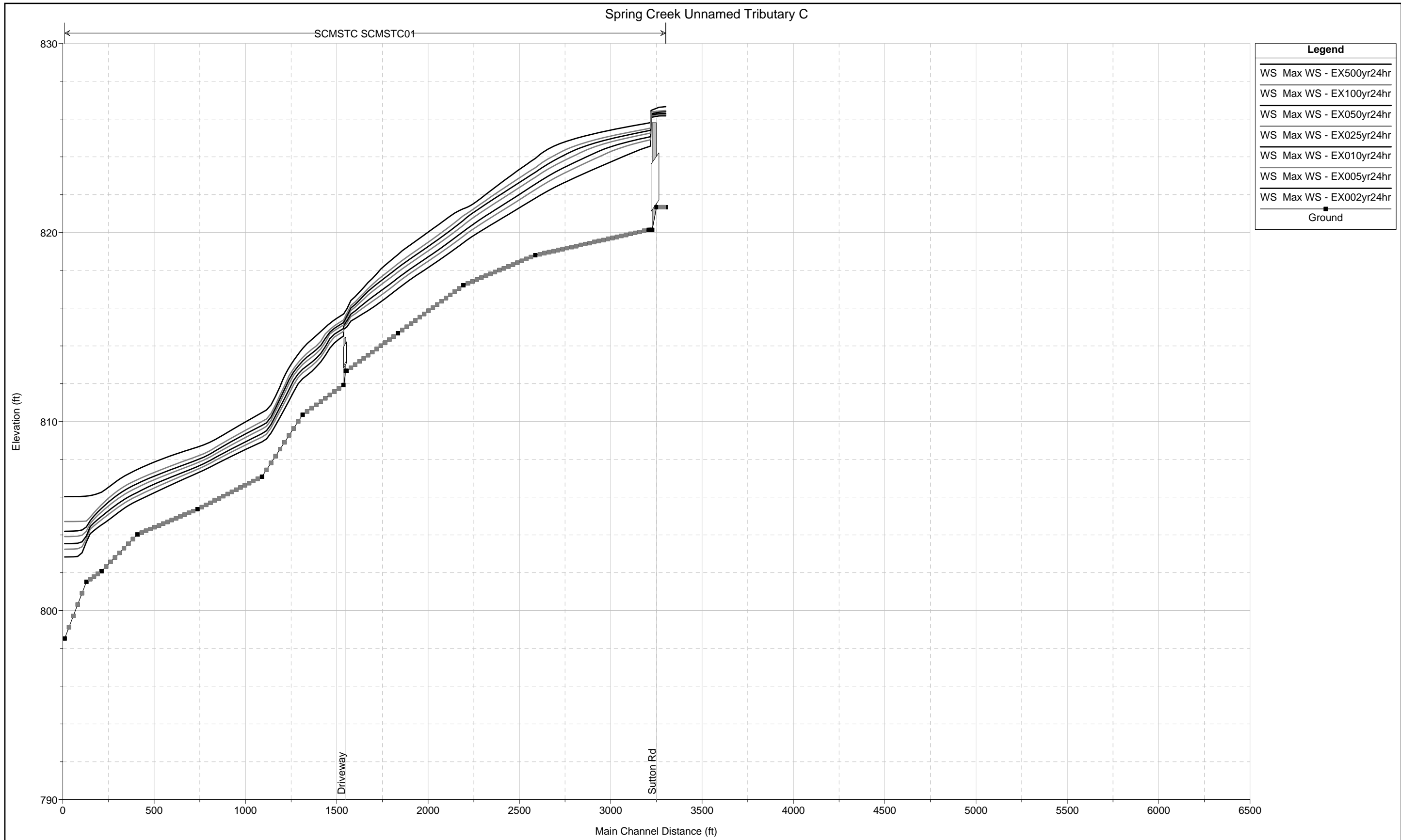


Spring Creek Unnamed Tributary B

SCMSTB SCMSTB01

| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |



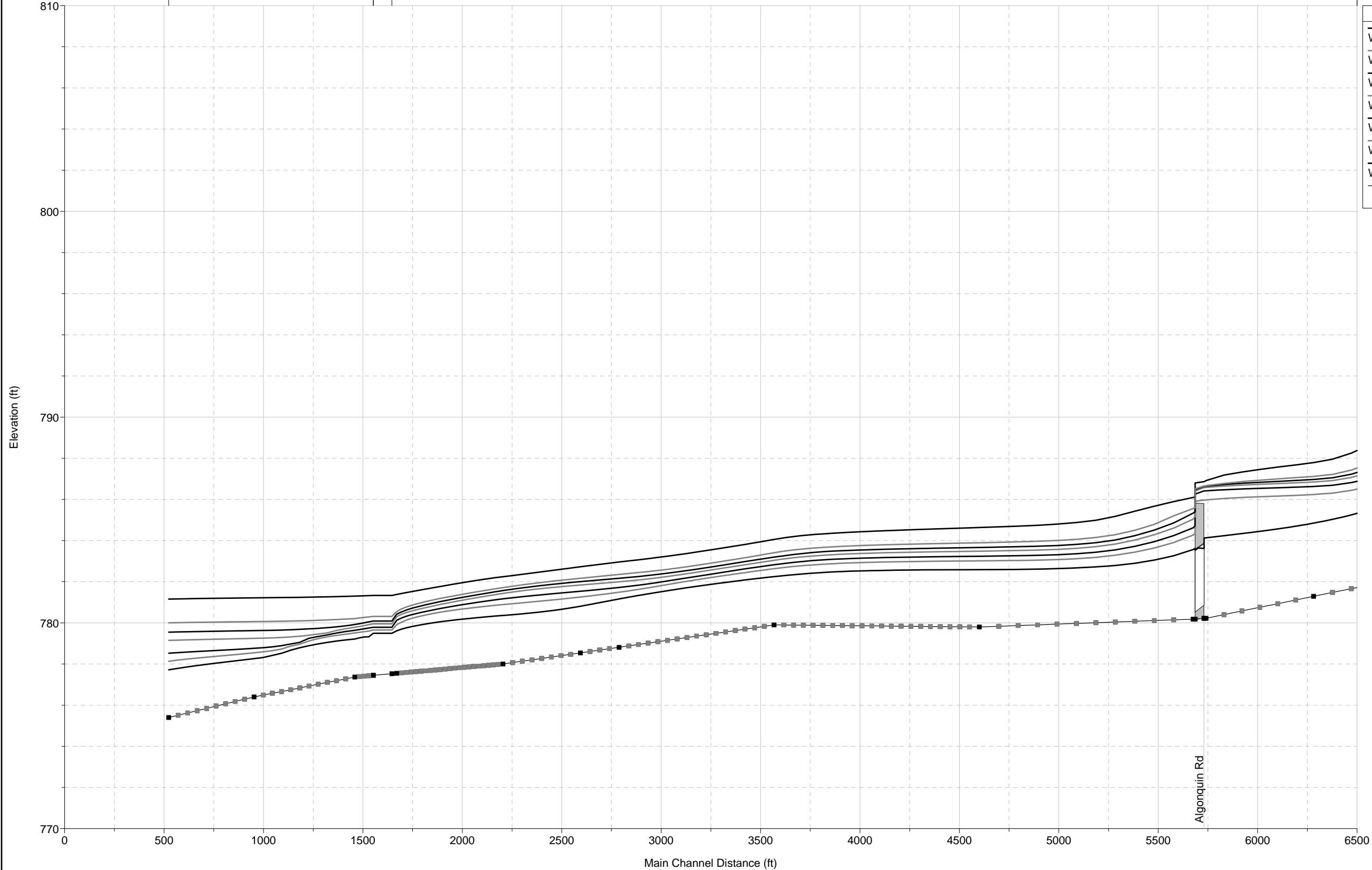


Spring Creek Unnamed Tributary D

SCMSTD SCMSTD02

SCMSTD SCMSTD01

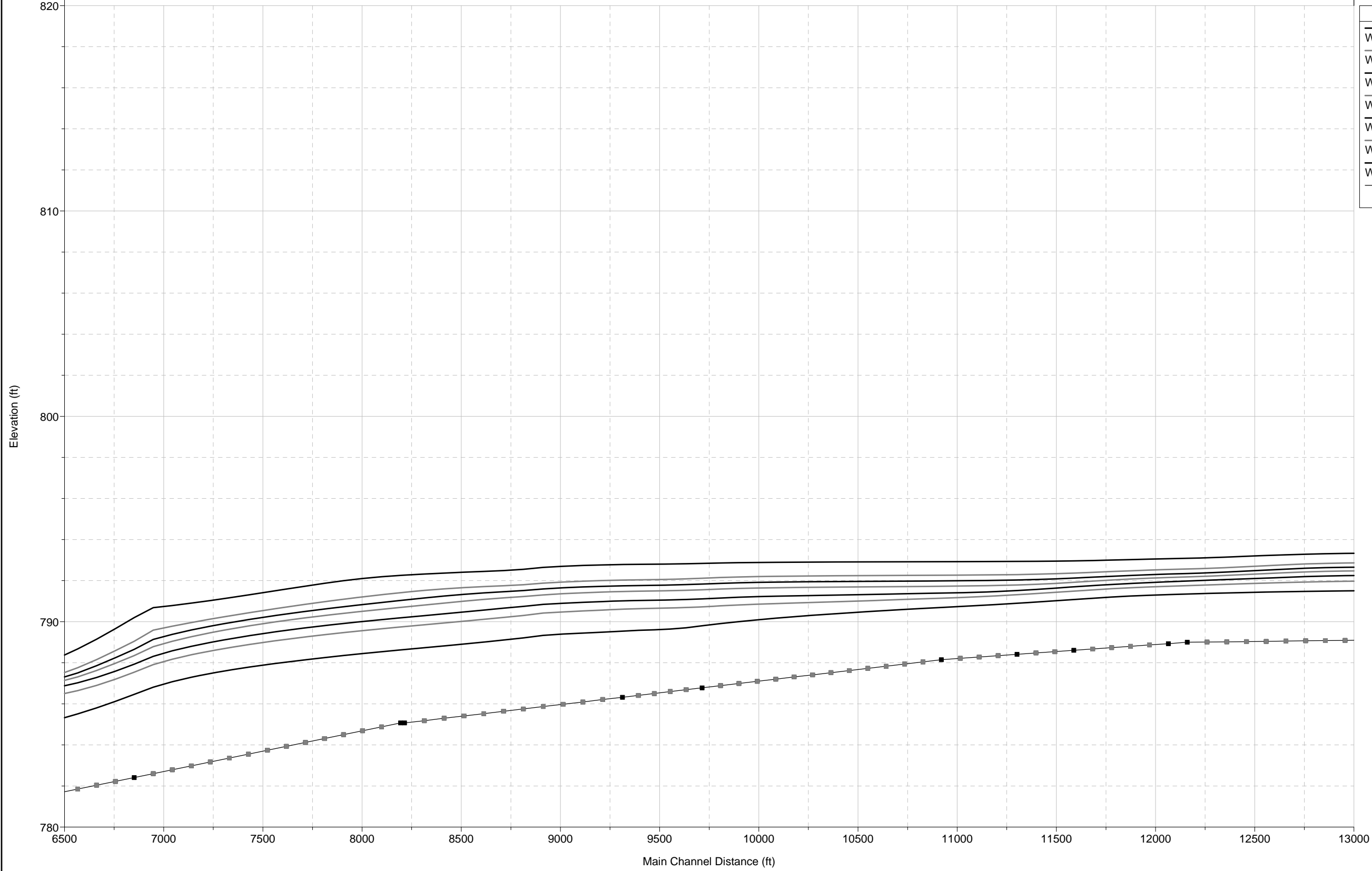
| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX050yr24hr |
| WS | Max WS - EX025yr24hr |
| WS | Max WS - EX010yr24hr |
| WS | Max WS - EX005yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |



Spring Creek Unnamed Tributary D

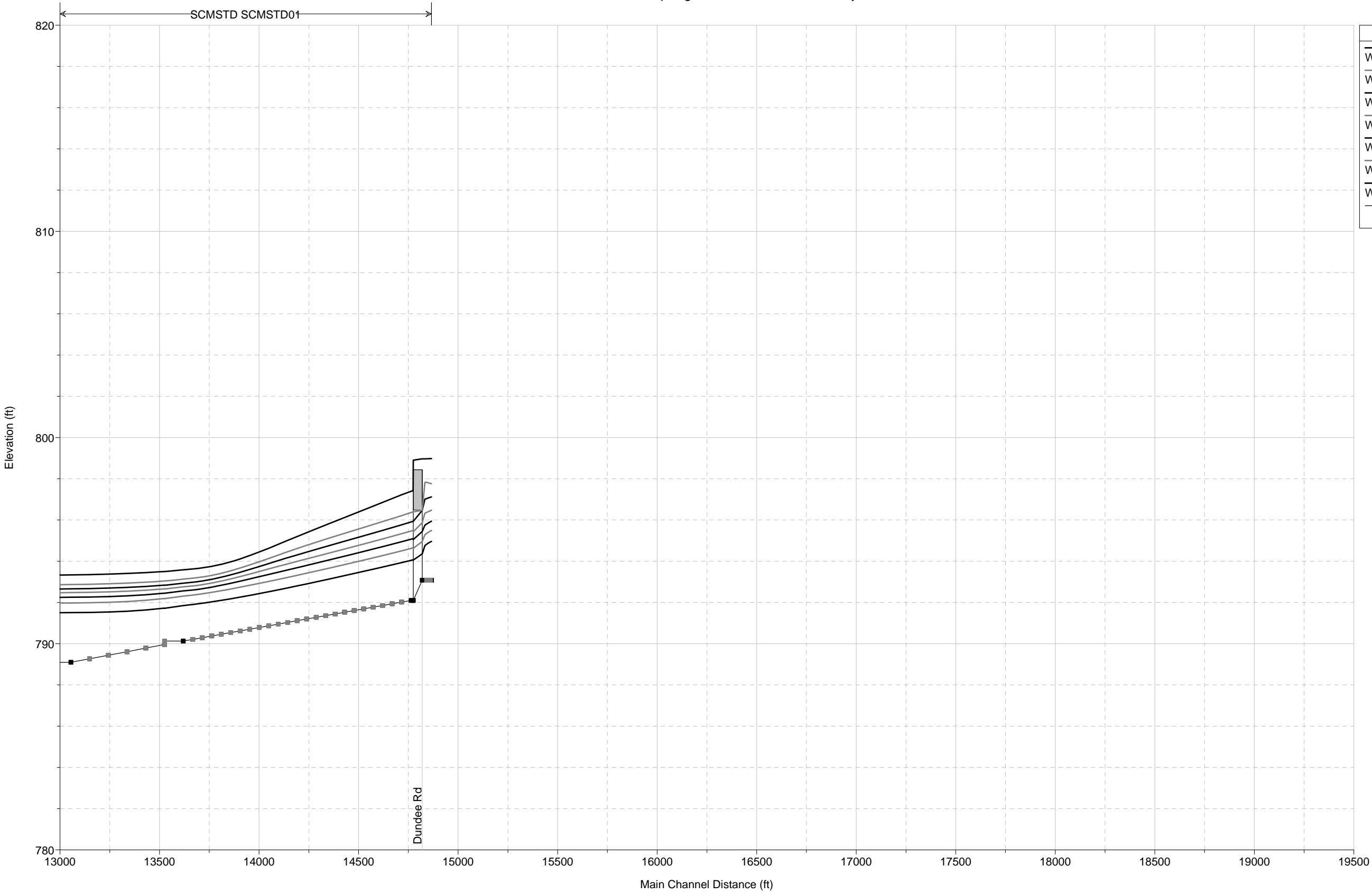
SCMSTD SCMSTD01

| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |



Spring Creek Unnamed Tributary D

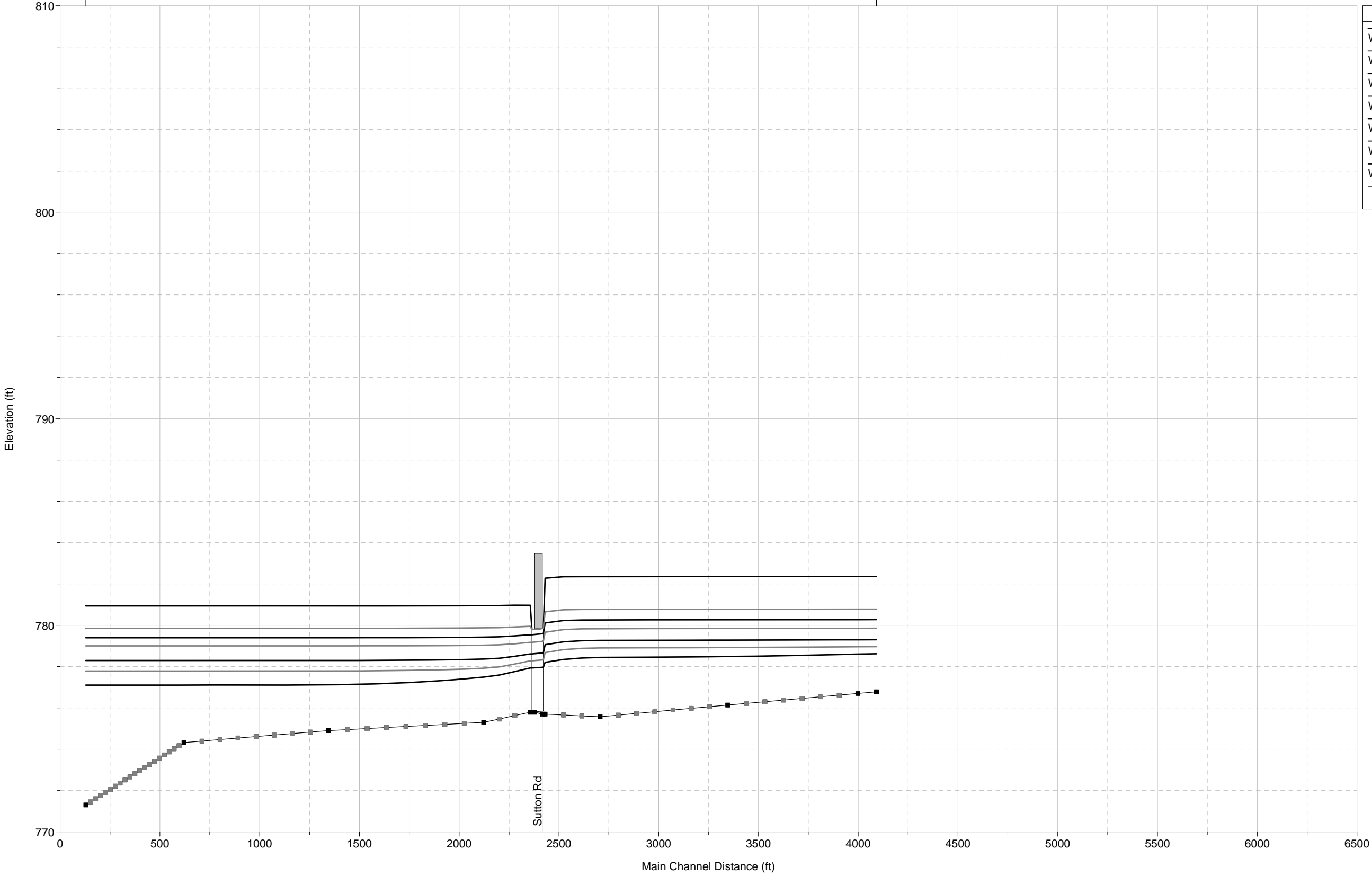
| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX050yr24hr |
| WS | Max WS - EX025yr24hr |
| WS | Max WS - EX010yr24hr |
| WS | Max WS - EX005yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |



Spring Creek Unnamed Tributary E

SCMSTE SCMSTE01

| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX050yr24hr |
| WS | Max WS - EX025yr24hr |
| WS | Max WS - EX010yr24hr |
| WS | Max WS - EX005yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |

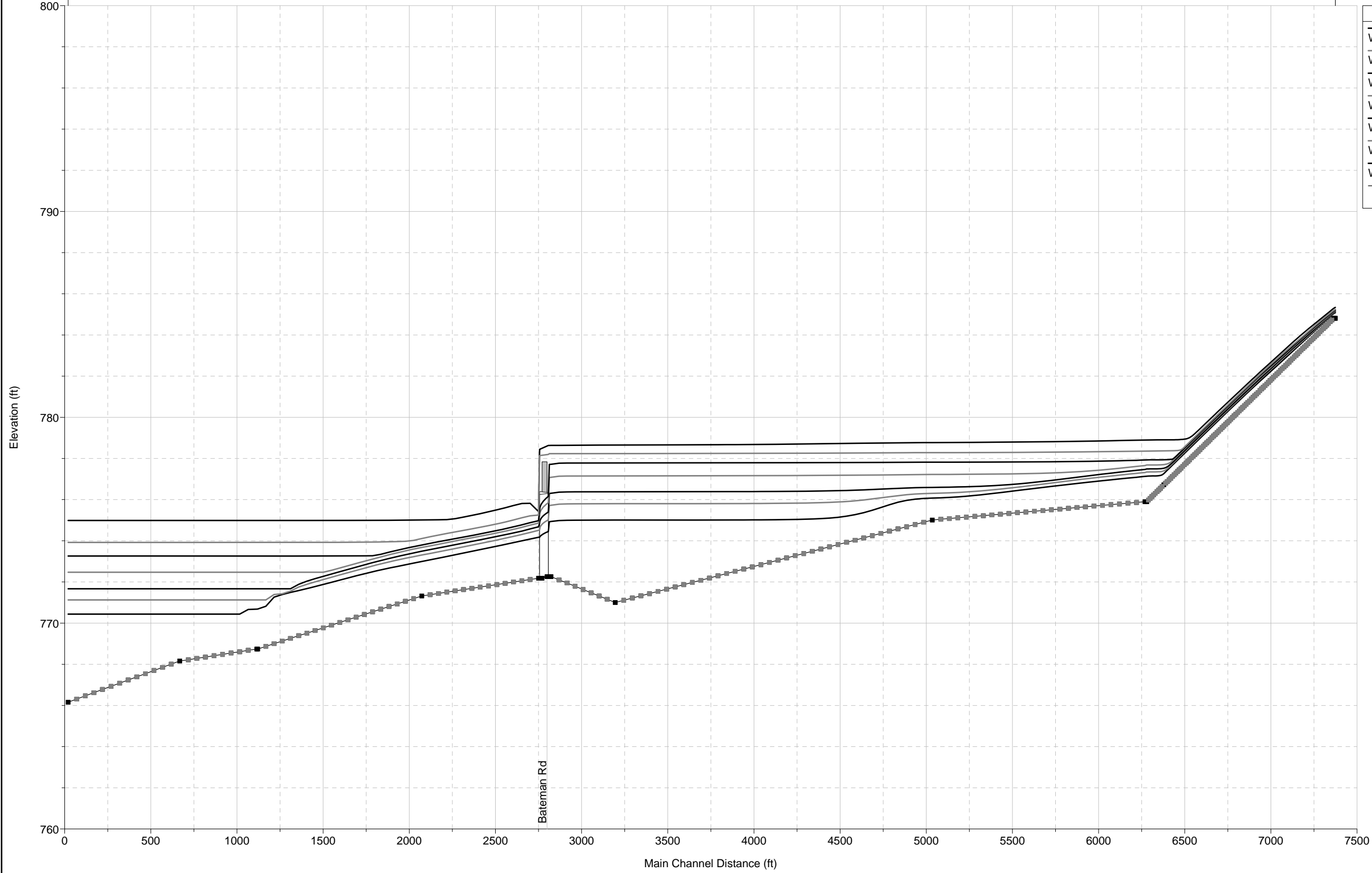


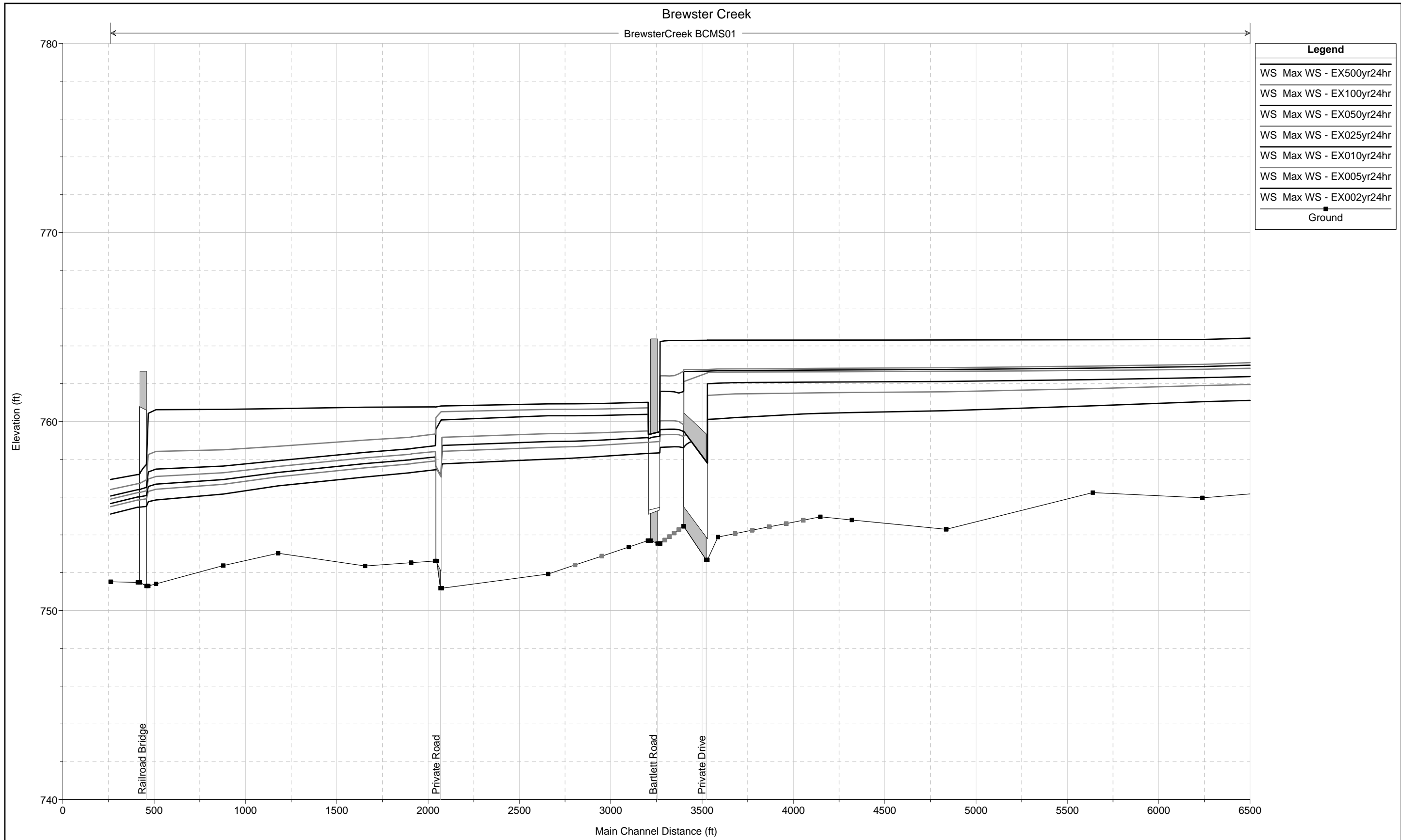
Spring Creek Unnamed Tributary F

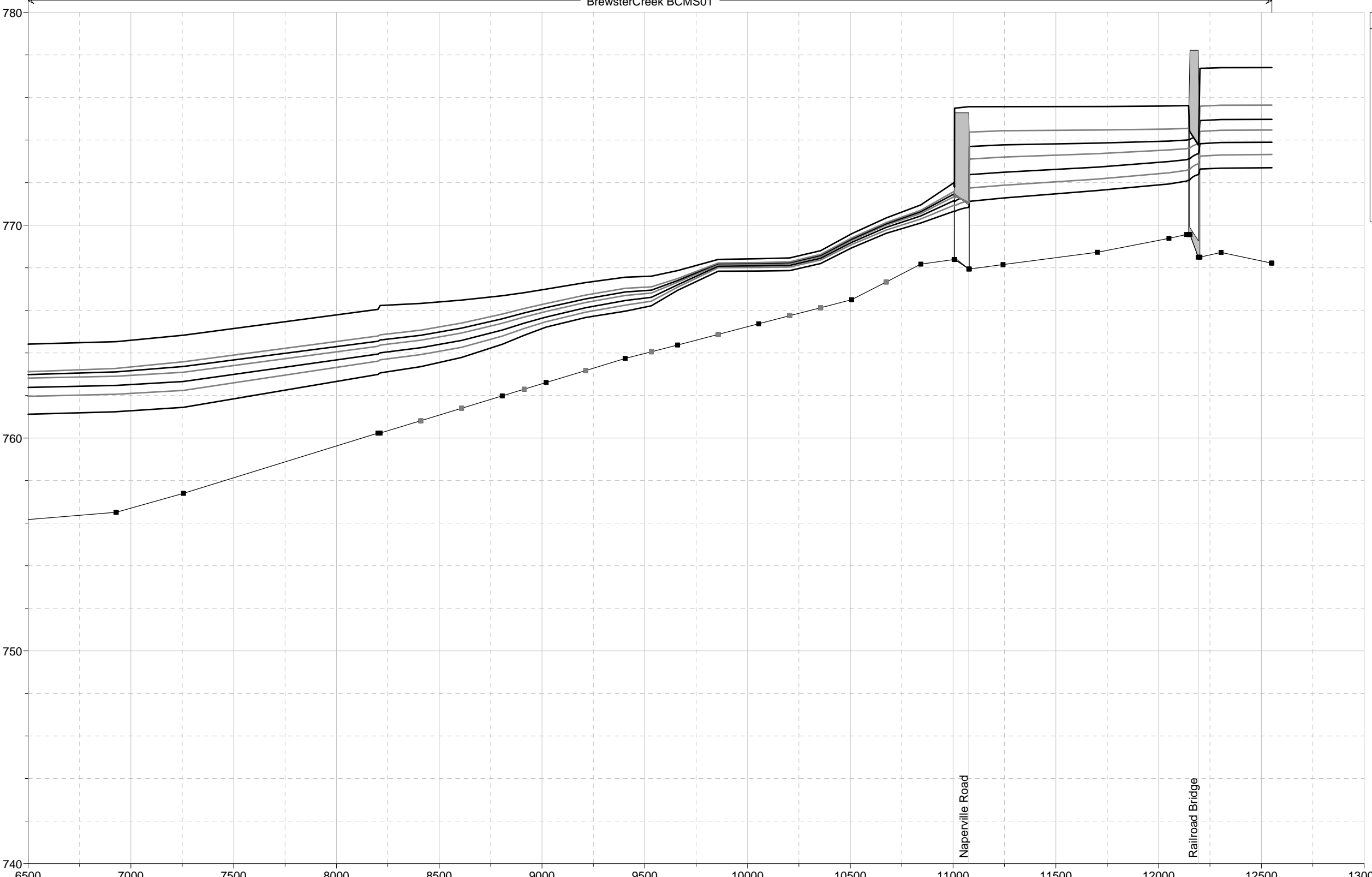
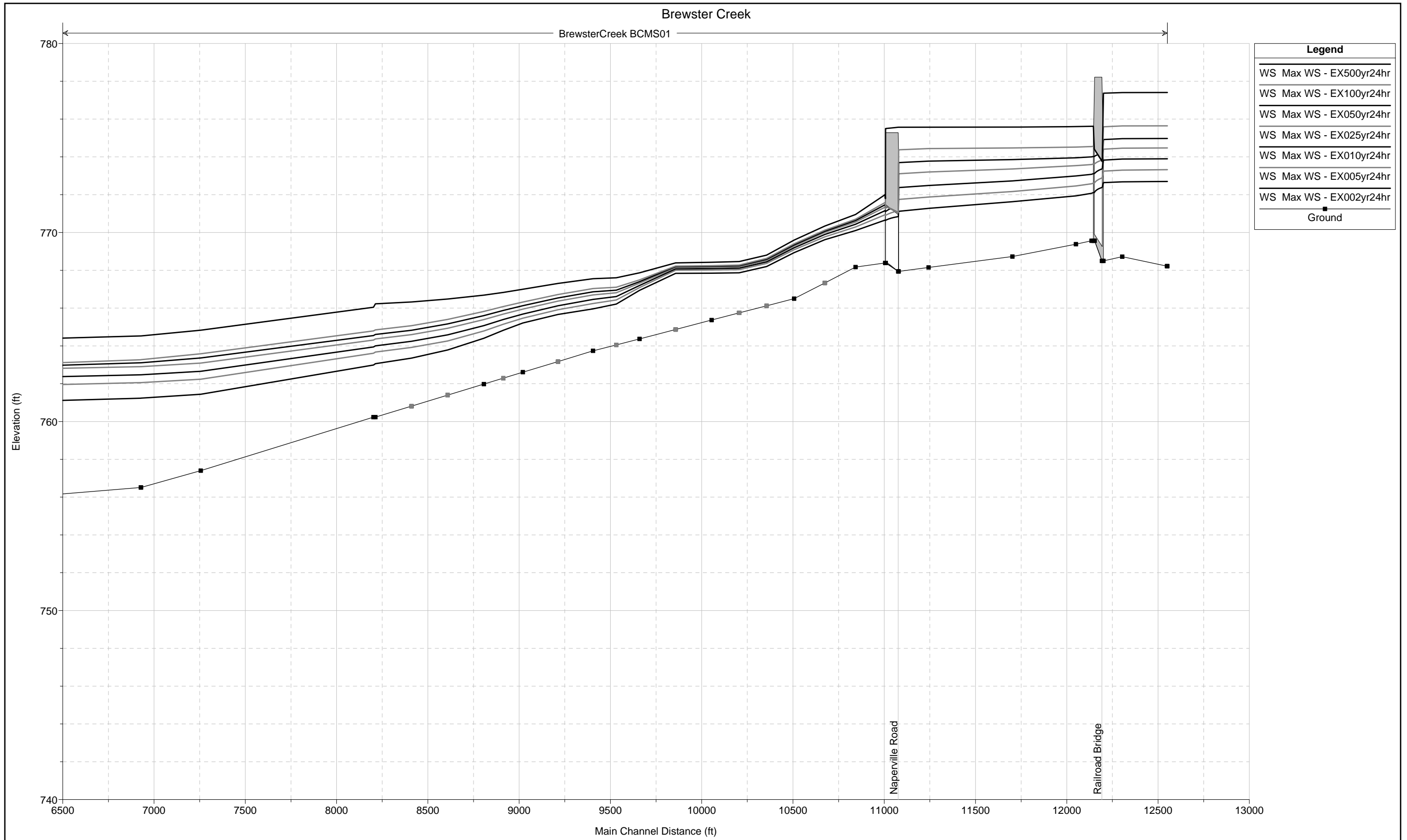
SCMSTF SCMSTF01

Legend

- WS Max WS - EX500yr24hr
- WS Max WS - EX100yr24hr
- WS Max WS - EX050yr24hr
- WS Max WS - EX025yr24hr
- WS Max WS - EX010yr24hr
- WS Max WS - EX005yr24hr
- WS Max WS - EX002yr24hr
- Ground



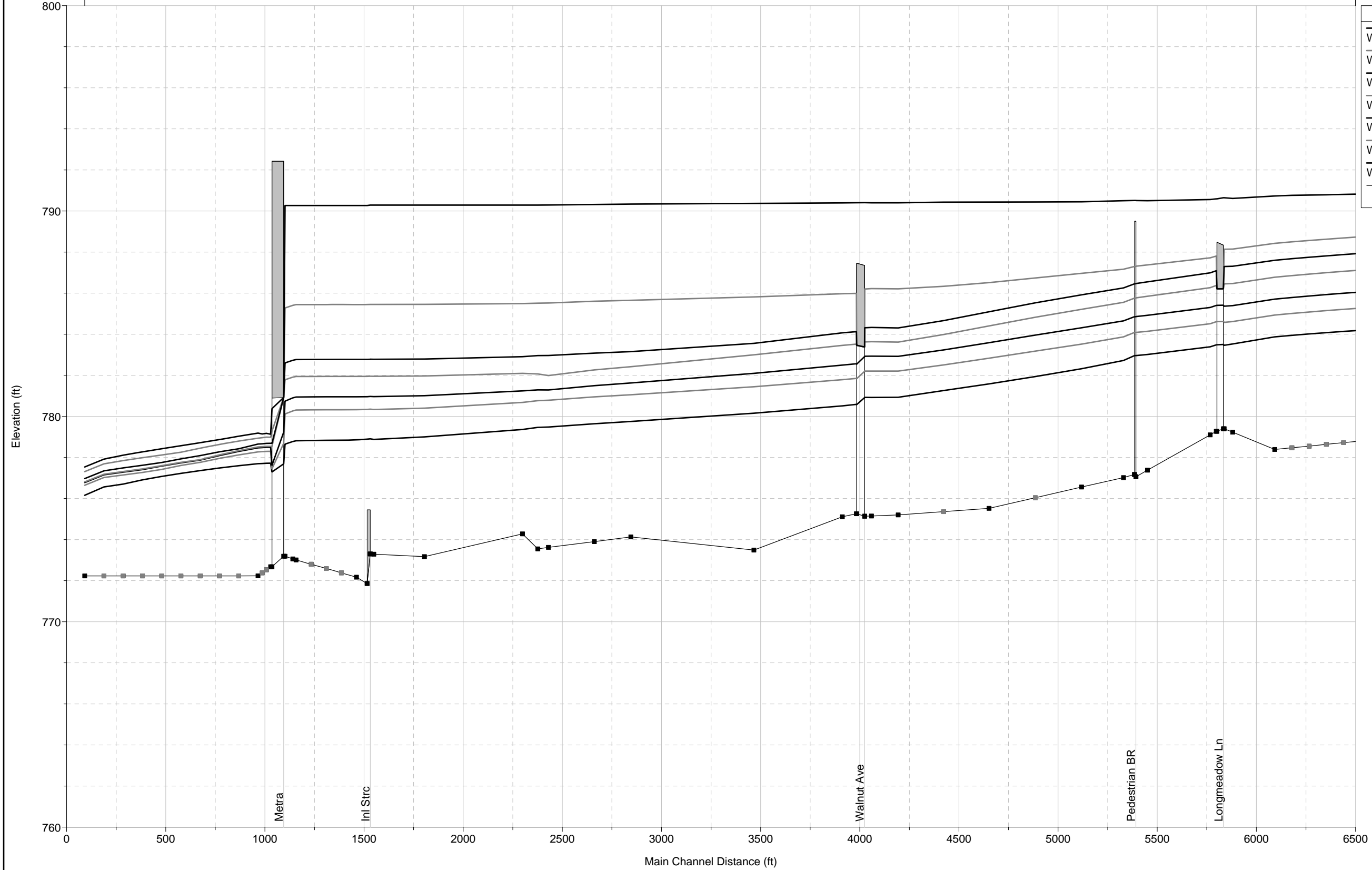




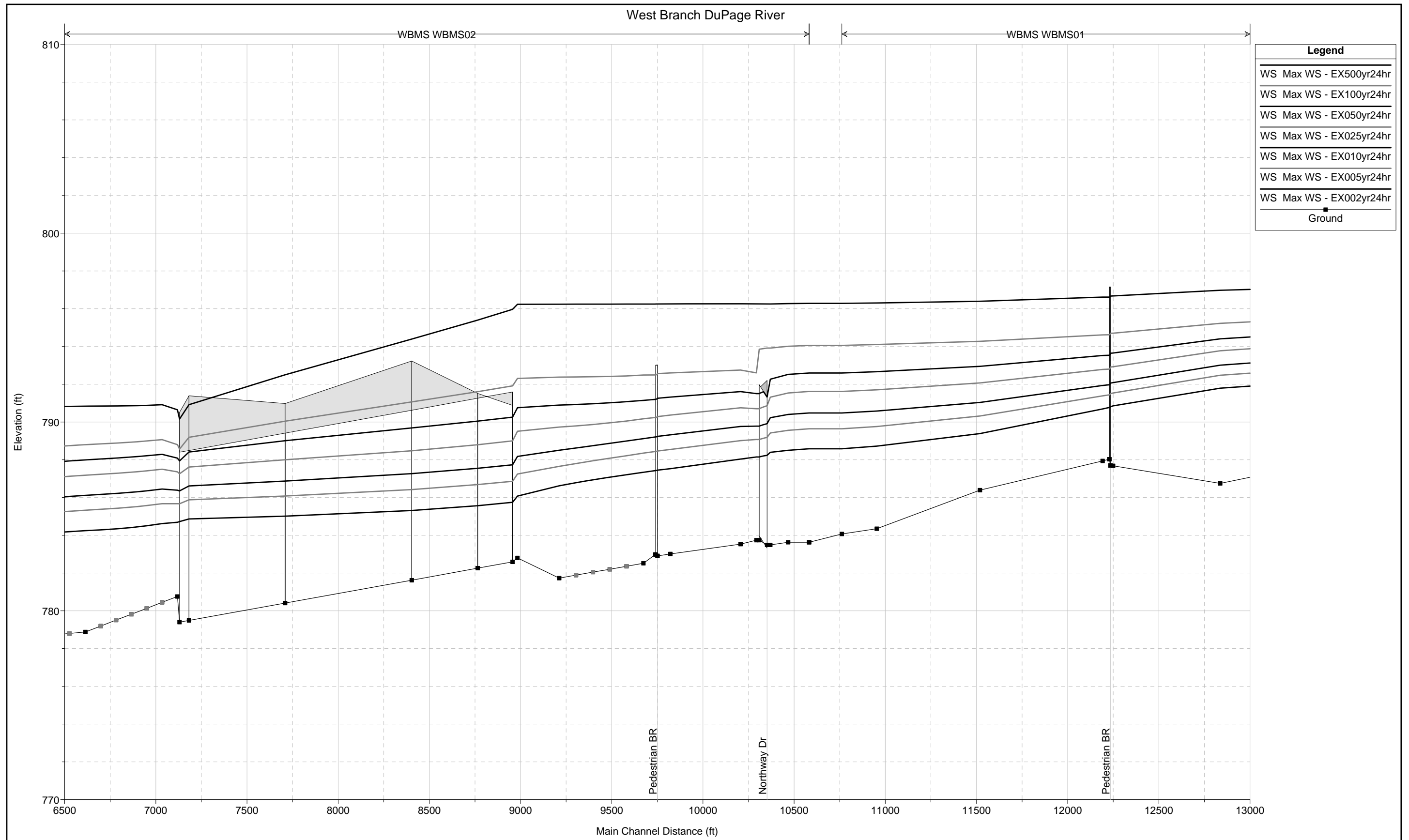
| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |

West Branch DuPage River

WBMS WBMS02

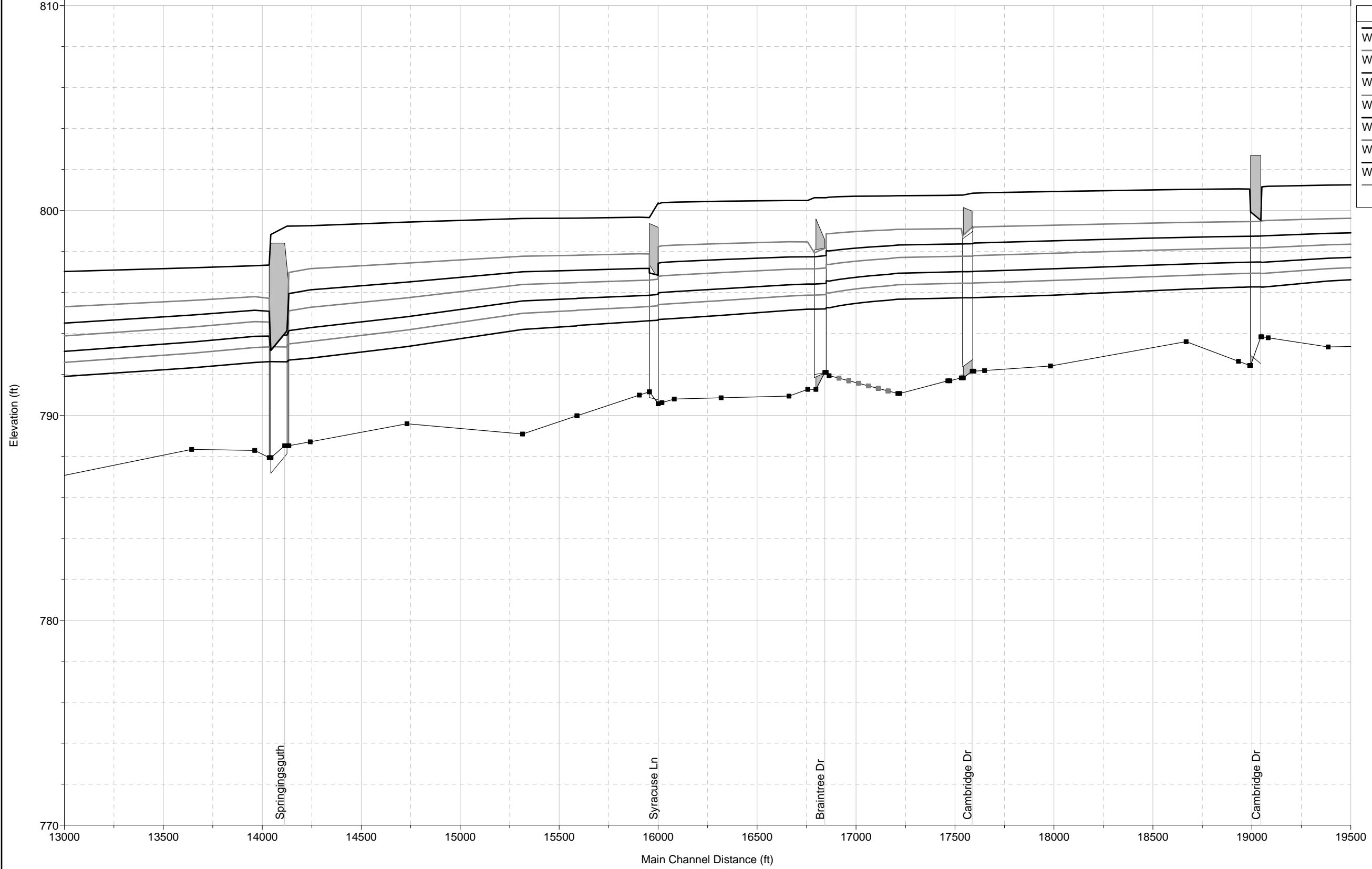


| Legend | |
|-------------------------|---|
| WS Max WS - EX500yr24hr | |
| WS Max WS - EX100yr24hr | |
| WS Max WS - EX050yr24hr | |
| WS Max WS - EX025yr24hr | |
| WS Max WS - EX010yr24hr | |
| WS Max WS - EX005yr24hr | |
| WS Max WS - EX002yr24hr | |
| Ground | ■ |



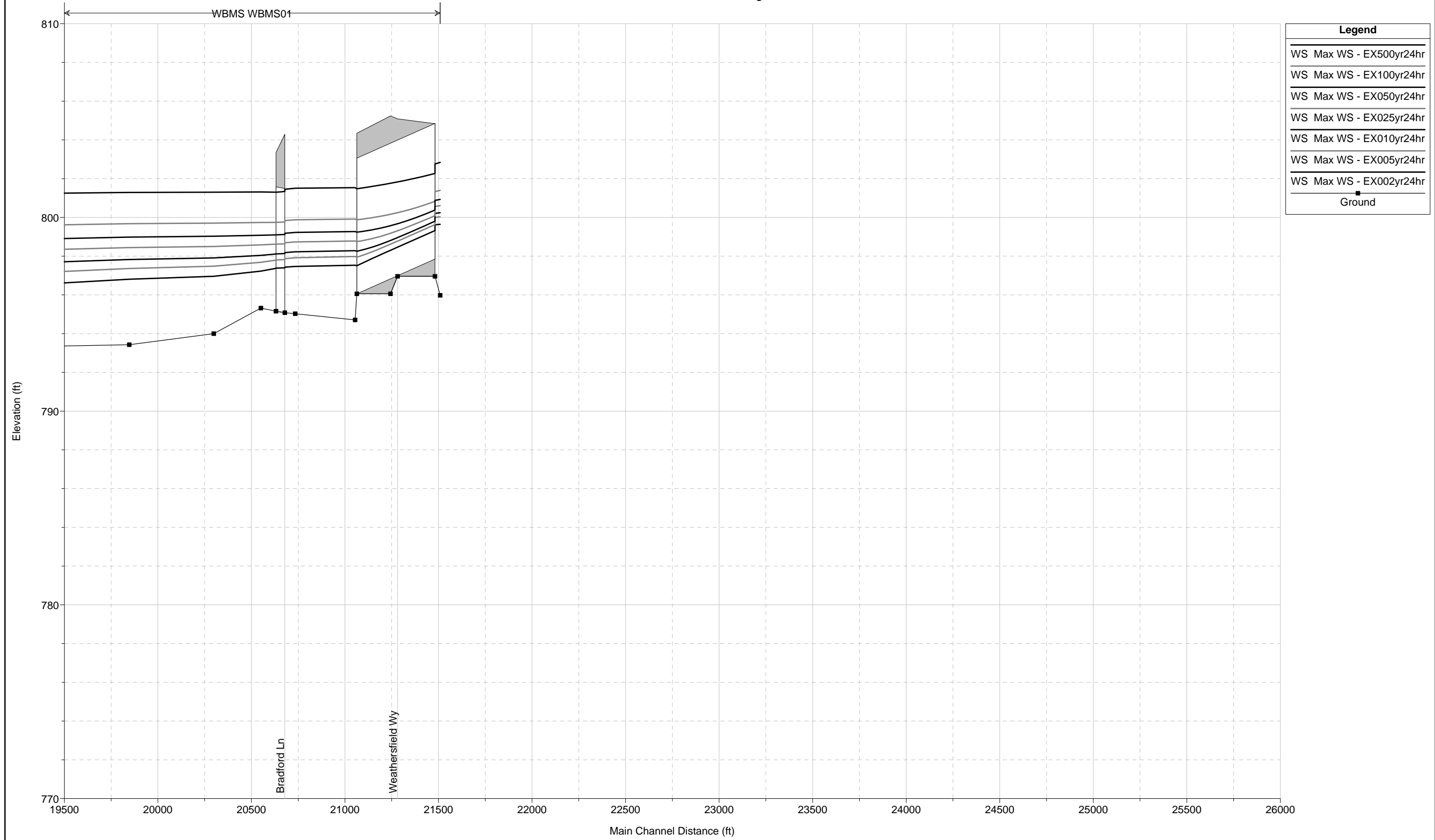
West Branch DuPage River

WBMS WBMS01



| Legend | |
|--------|----------------------|
| WS | Max WS - EX500yr24hr |
| WS | Max WS - EX100yr24hr |
| WS | Max WS - EX050yr24hr |
| WS | Max WS - EX025yr24hr |
| WS | Max WS - EX010yr24hr |
| WS | Max WS - EX005yr24hr |
| WS | Max WS - EX002yr24hr |
| | Ground |

West Branch DuPage River



West Branch DuPage River Unnamed Tributary A

