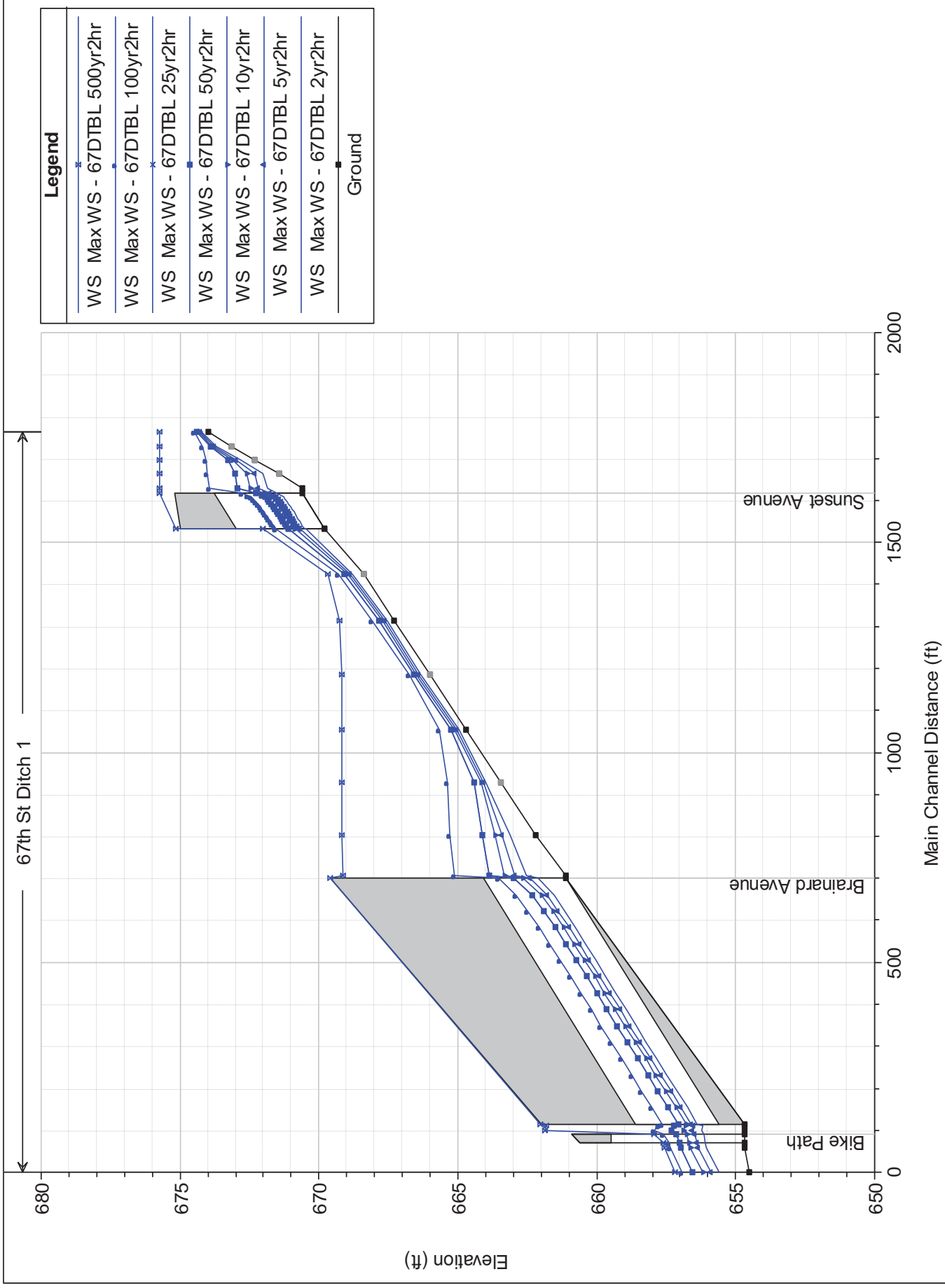


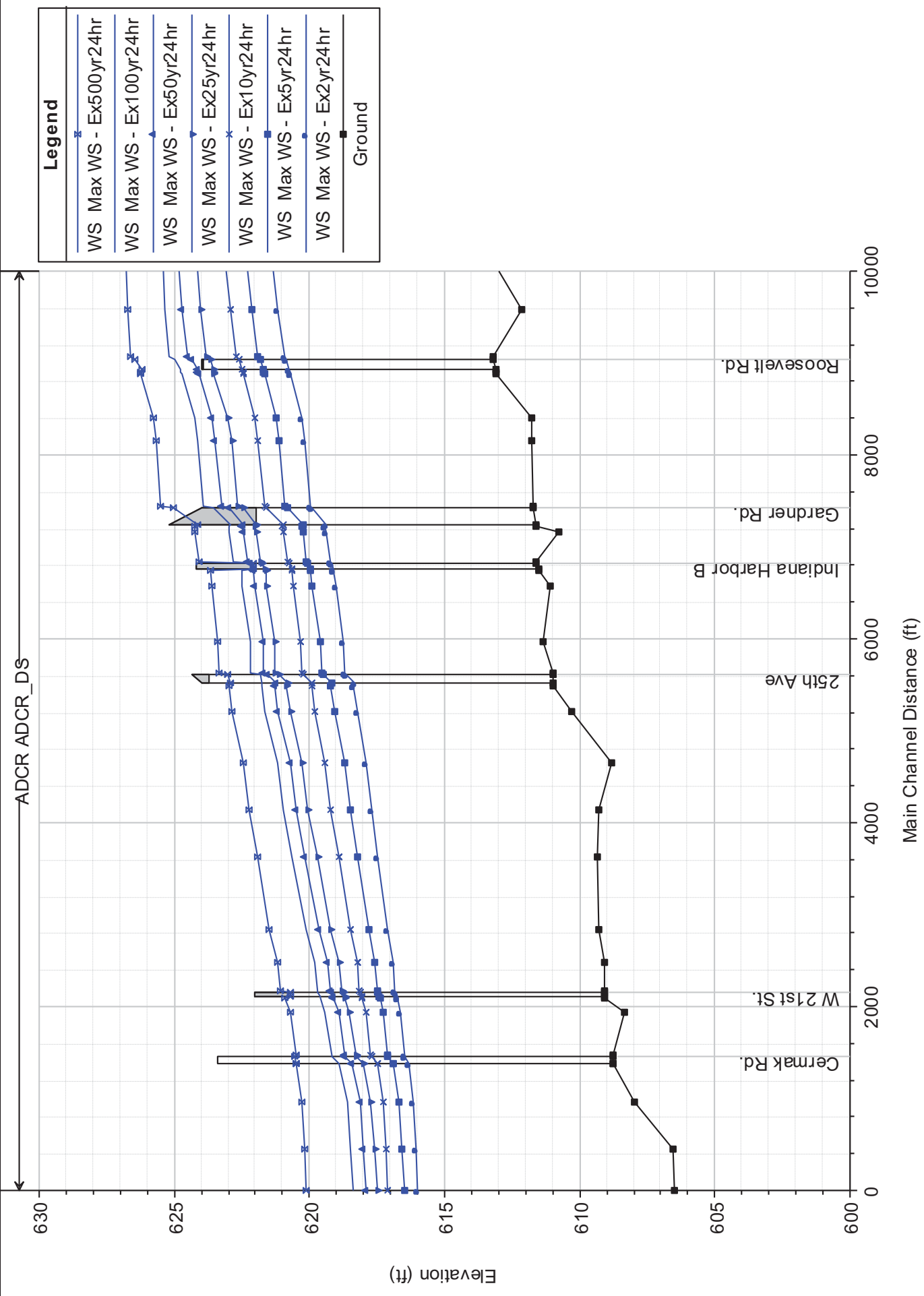
Appendix H
Hydraulic Profiles for Existing Conditions
Lower Des Plaines River Detailed Watershed Plan

**67th Street Ditch Subwatershed
Hydraulic Profiles for Existing Conditions**

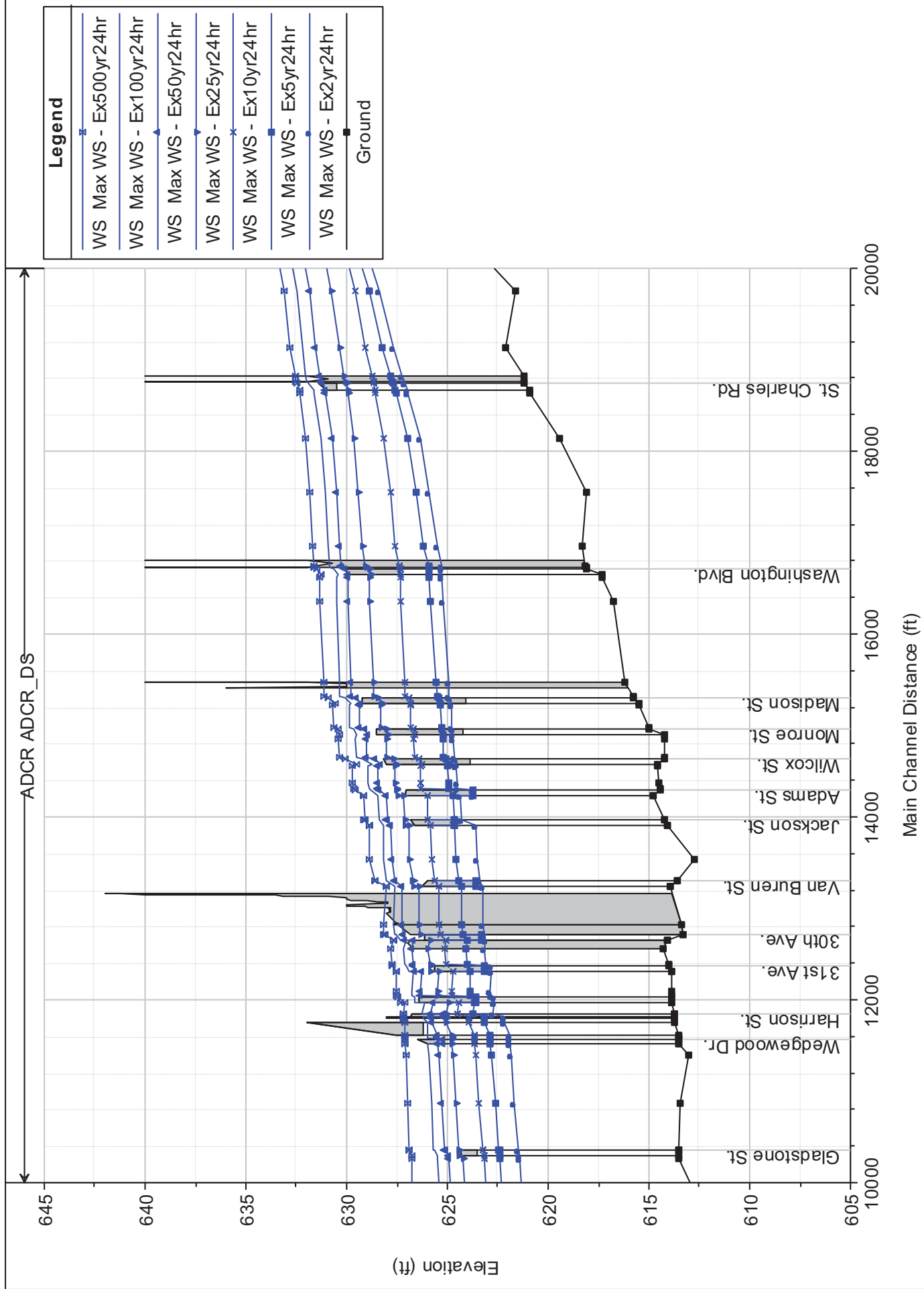


67th Street Ditch from Brainard Avenue to upstream study limit west of Sunset Avenue

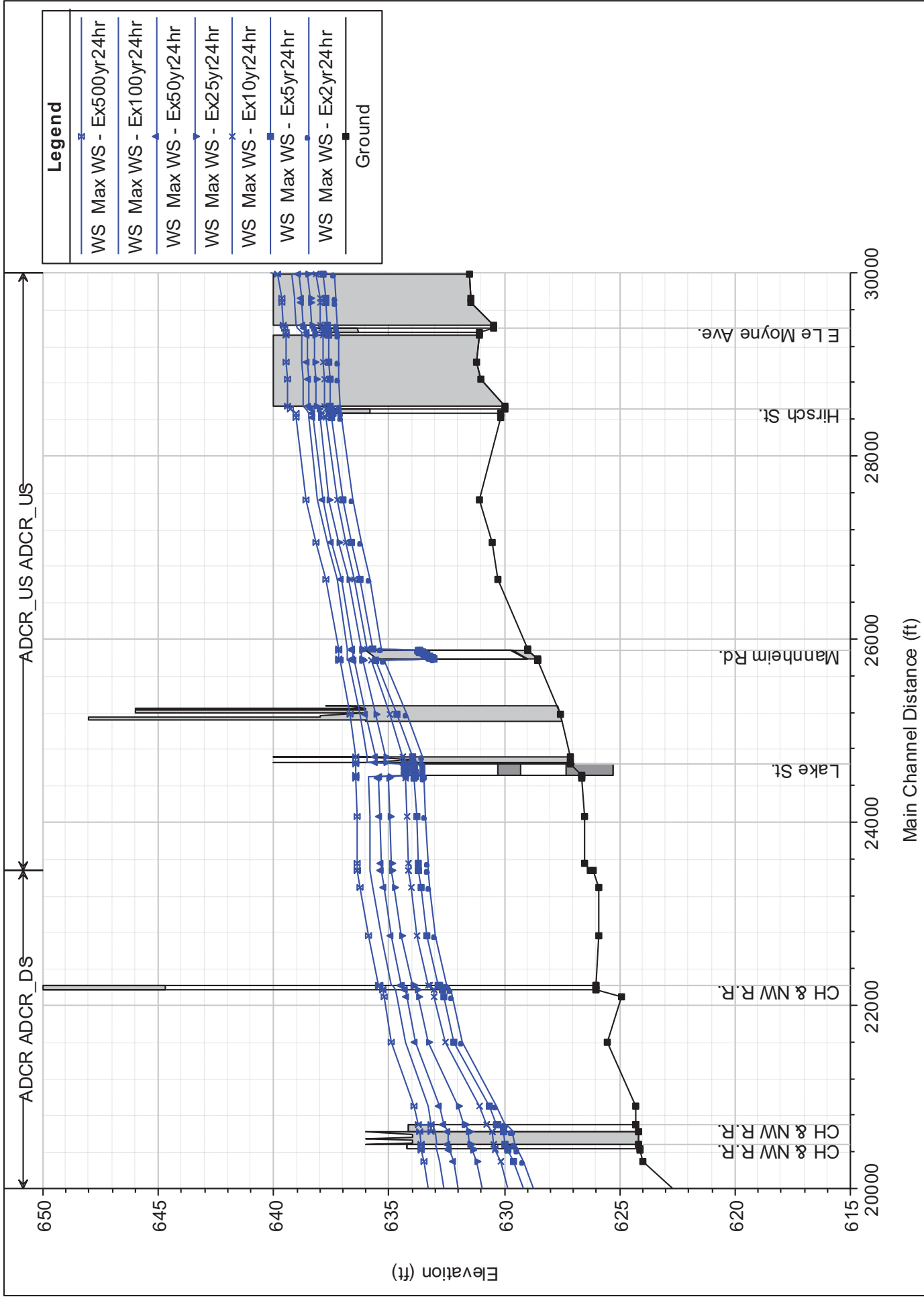
**Addison Creek Subwatershed
Hydraulic Profiles for Existing Conditions**



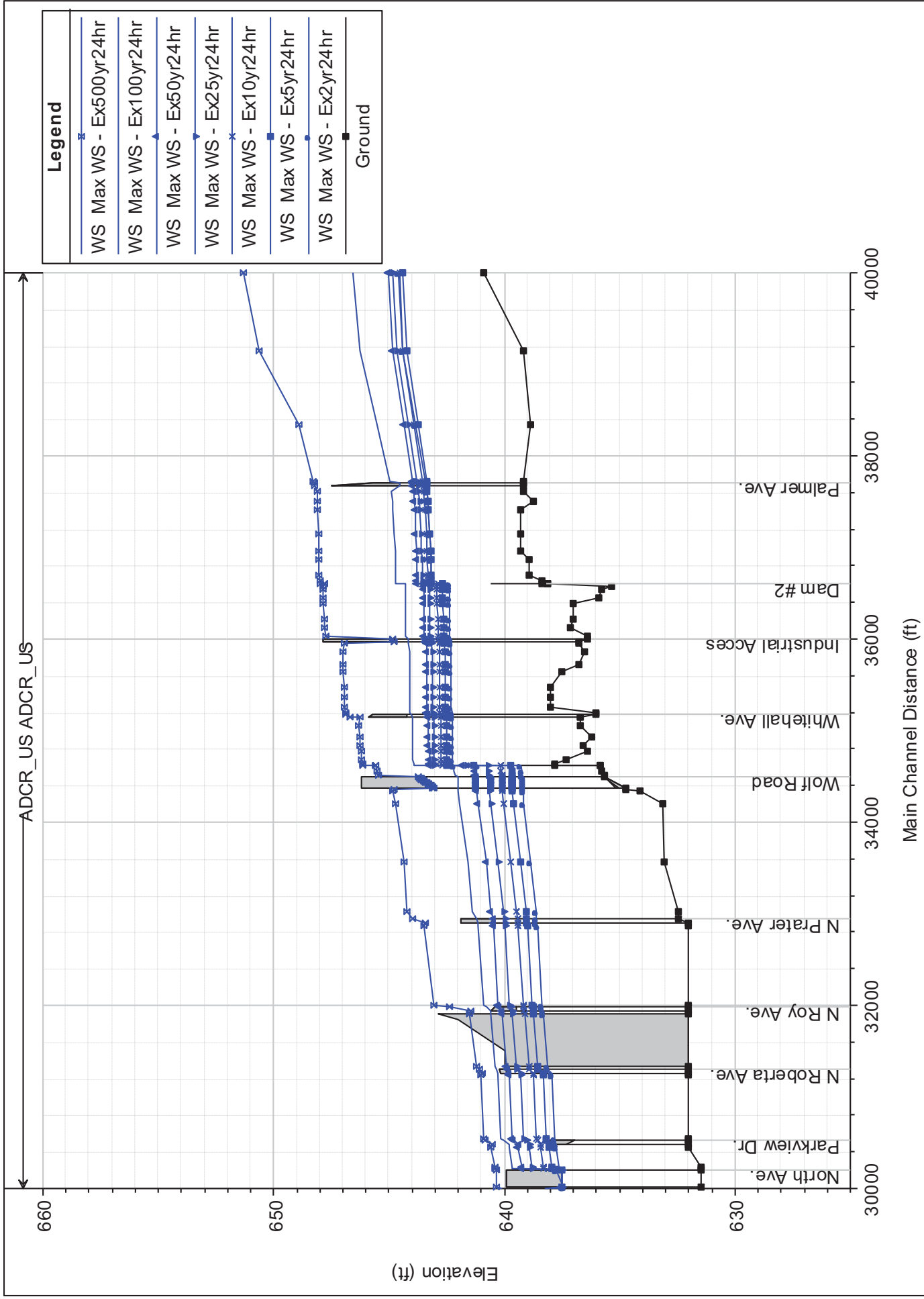
Addison Creek from confluence with Salt Creek to upstream of Roosevelt Road



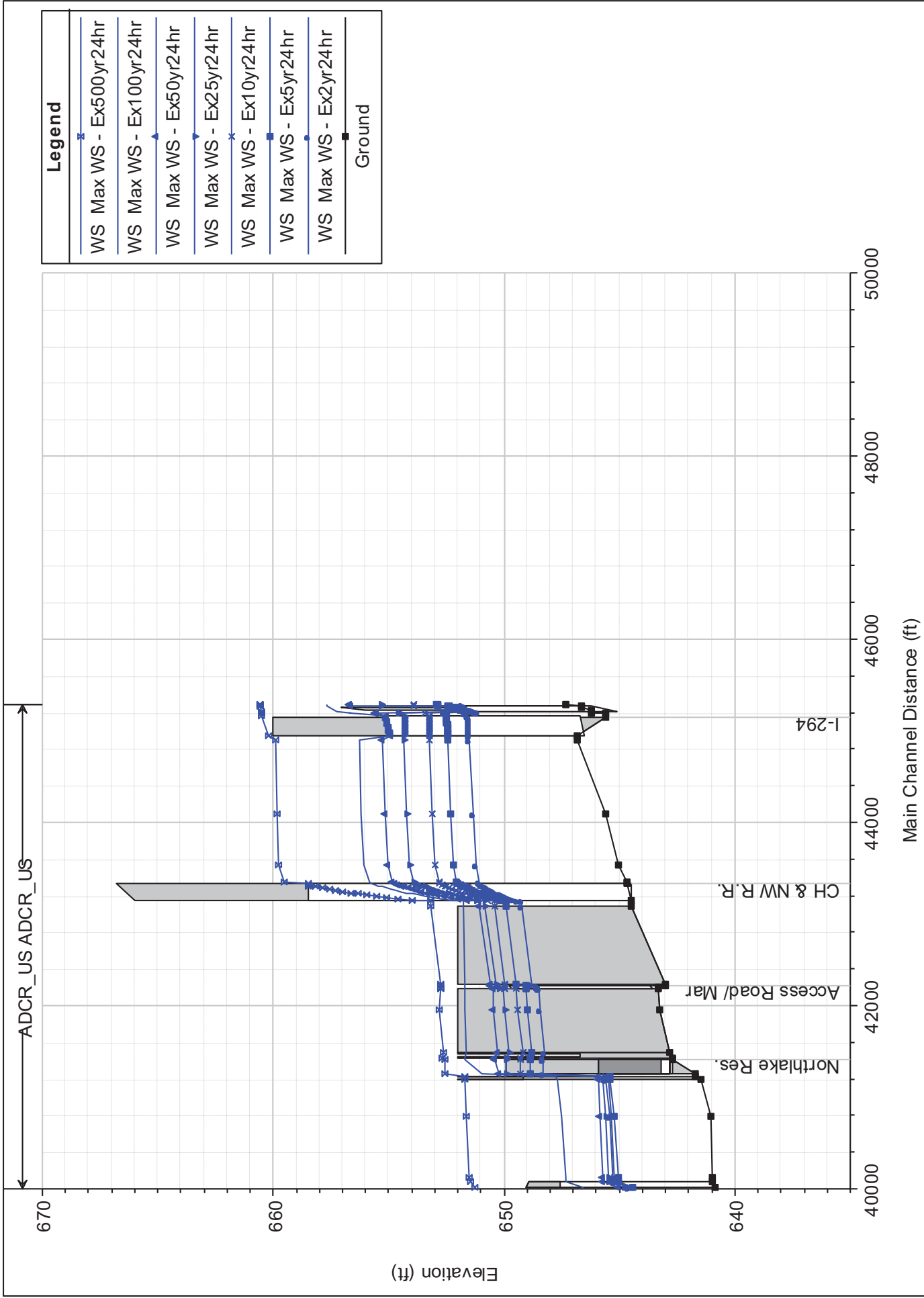
Addison Creek from downstream of Gladstone Street (upstream of Roosevelt Road) to upstream of St. Charles Road



Addison Creek from downstream of the CH&NW R.R. (upstream of St. Charles Road) to upstream of E Le Moyne Ave.

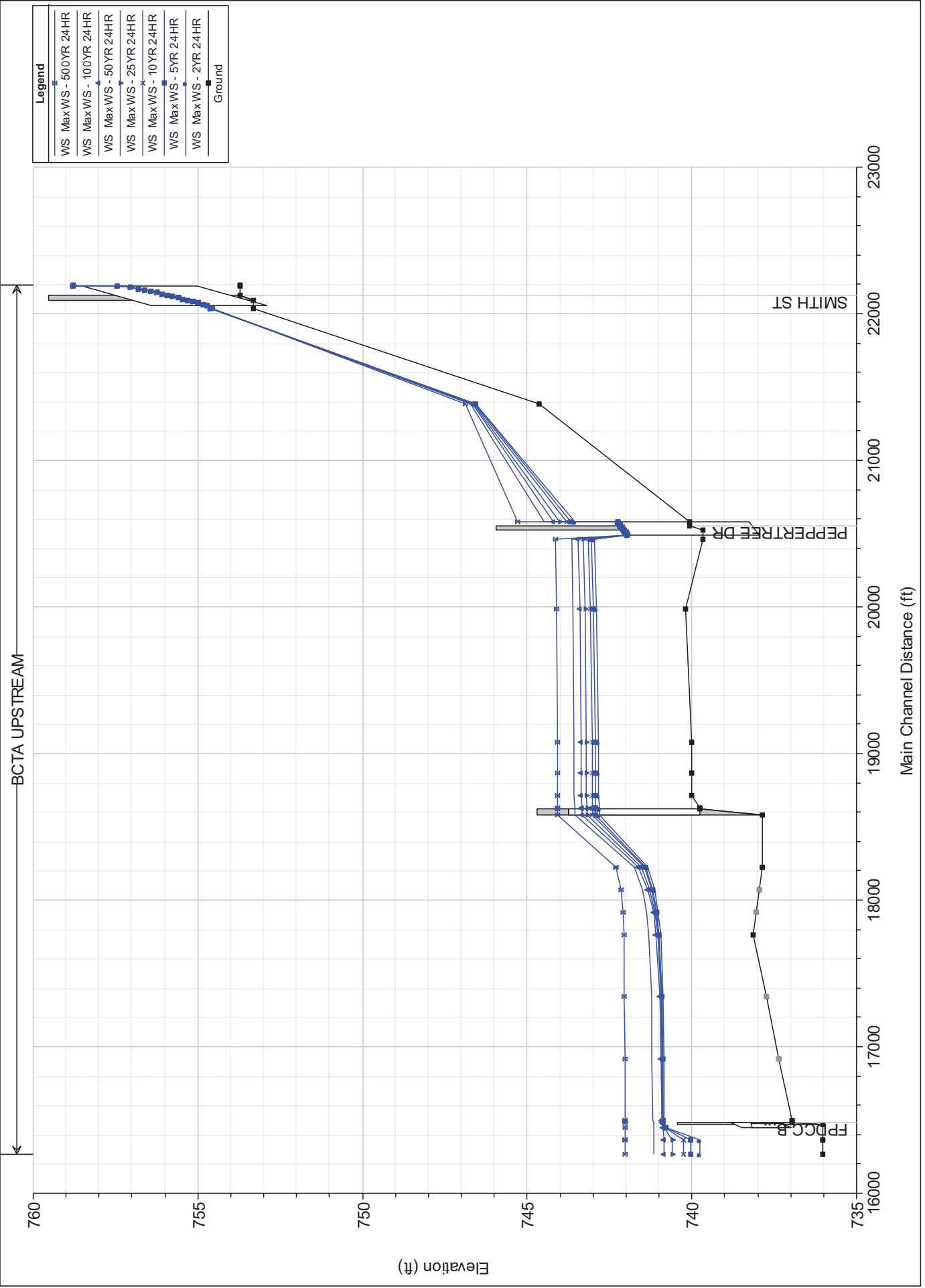


Addison Creek from downstream of North Ave. (upstream of E Le Moyne Ave.) to upstream of Palmer Ave.

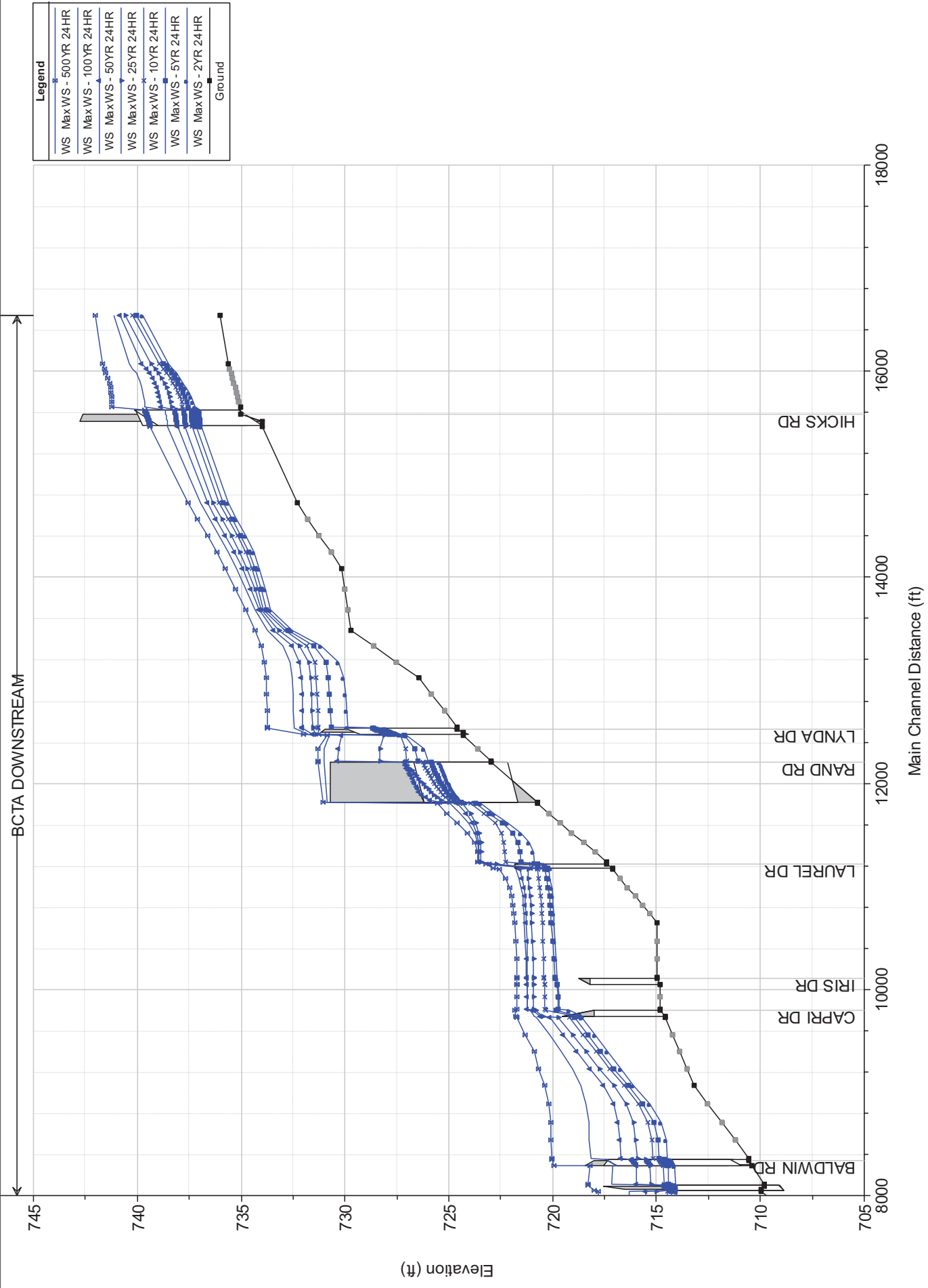


Addison Creek from downstream of King Arthur Drive (Fullerton Ave.) to upstream study limit at County Line Road

**Buffalo Creek Subwatershed
Hydraulic Profiles for Existing Conditions**



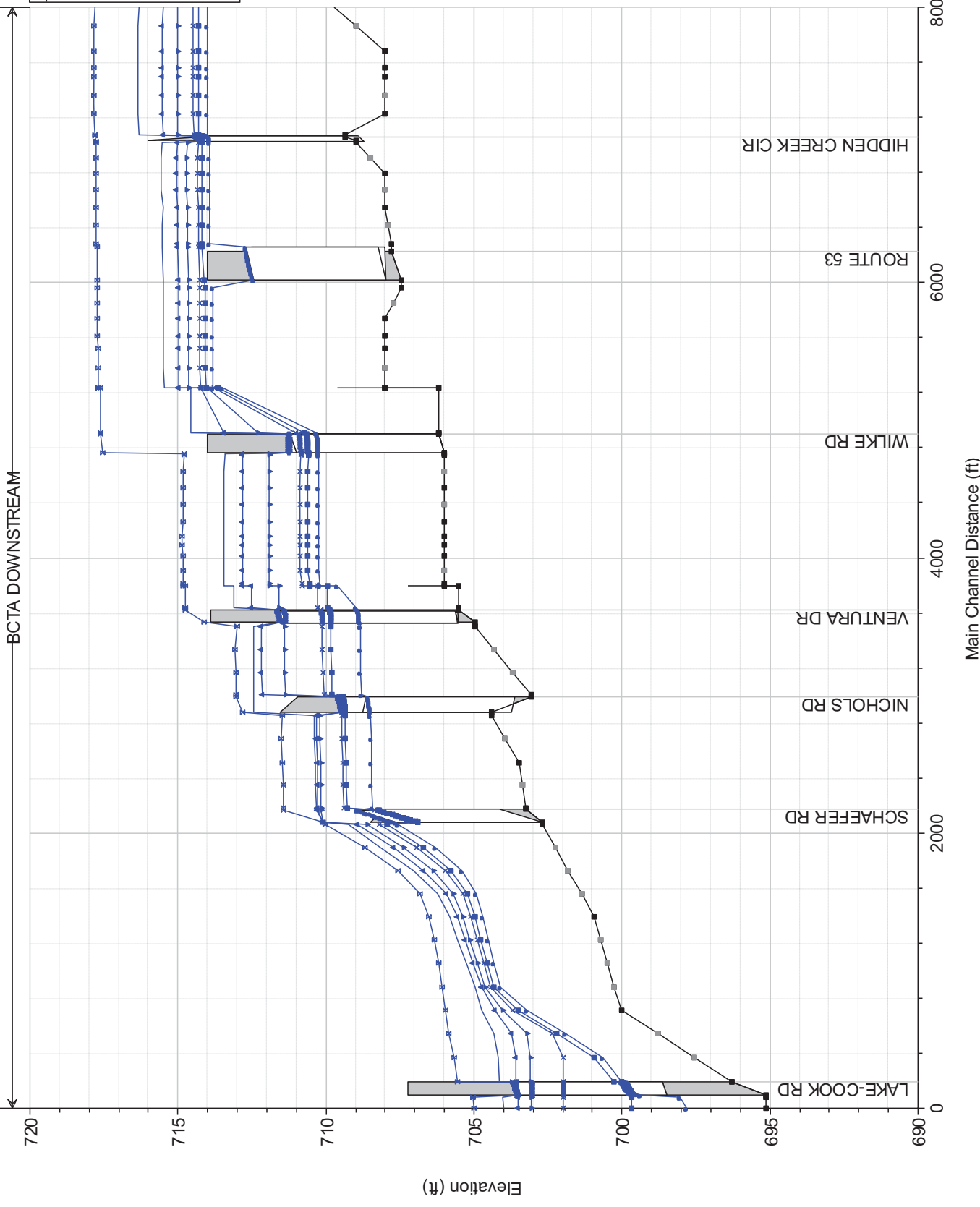
Buffalo Creek Tributary A from Salt Creek Arlington Heights Branch to the confluence with Buffalo Creek Tributary B



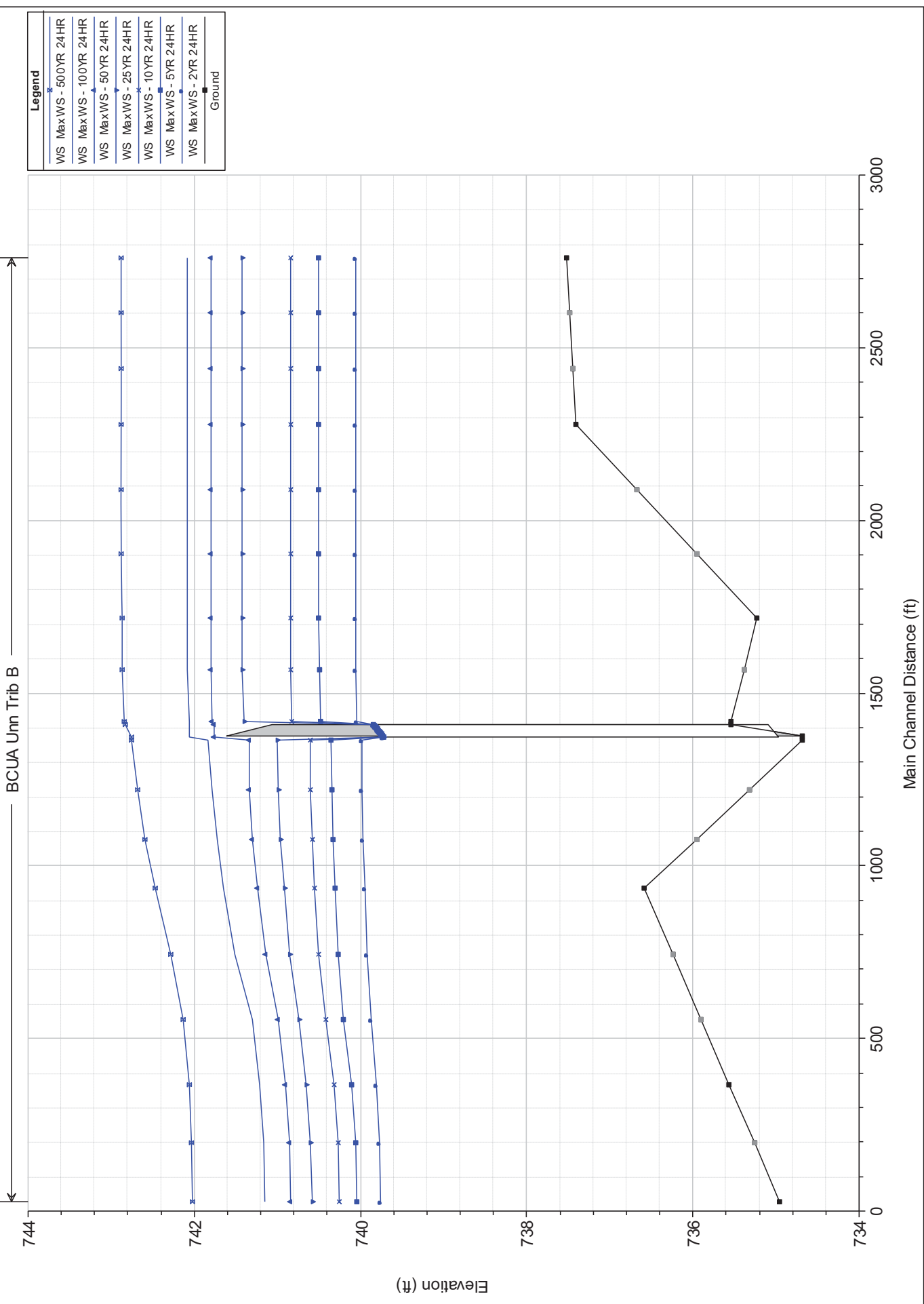
Buffalo Creek Tributary A from the confluence with Buffalo Creek Tributary B to downstream of Baldwin Road

BCTA DOWNSTREAM

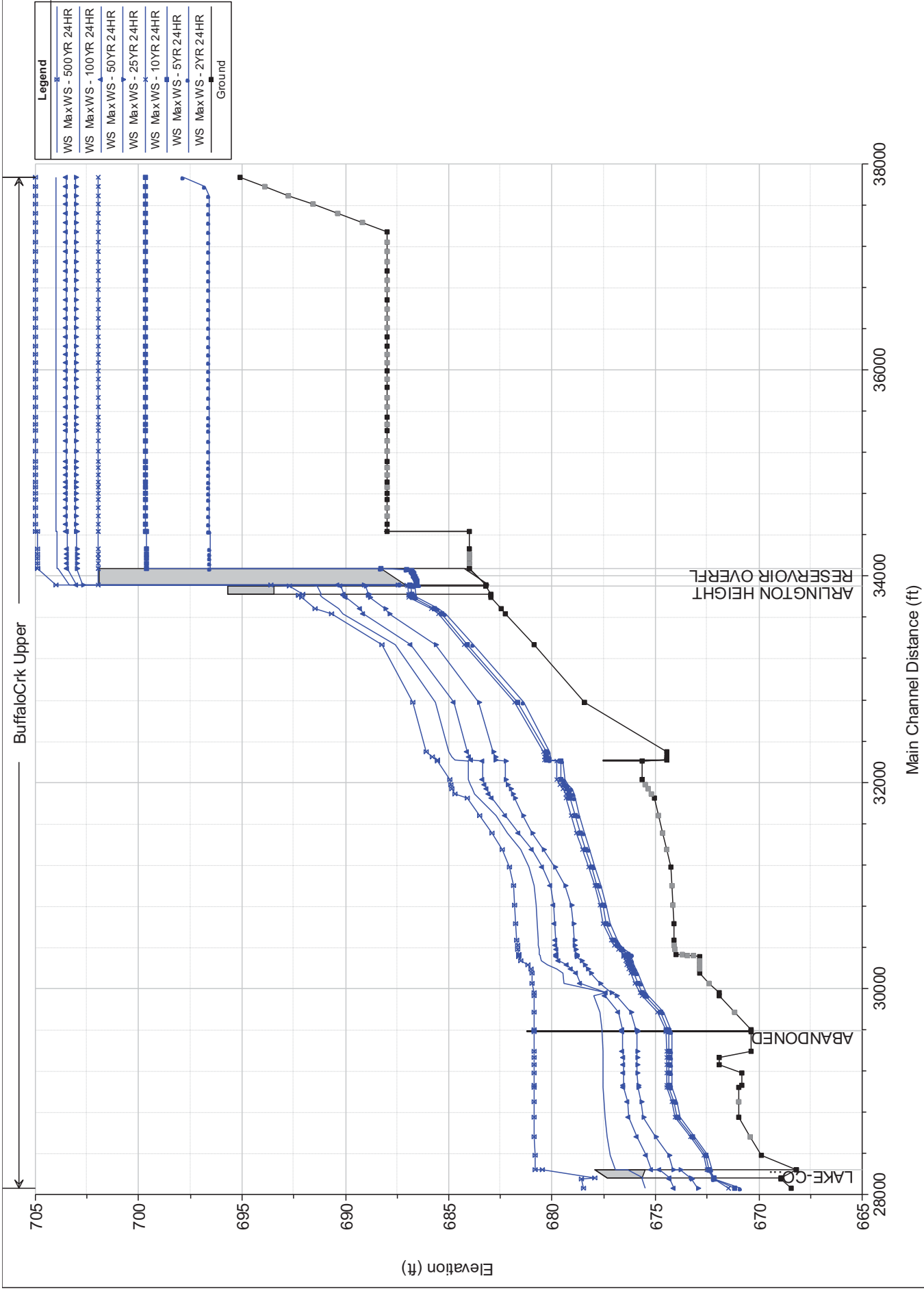
Legend	
WS Max WS - 500YR 24HR	▲
WS Max WS - 100YR 24HR	●
WS Max WS - 50YR 24HR	◆
WS Max WS - 25YR 24HR	×
WS Max WS - 10YR 24HR	■
WS Max WS - 5YR 24HR	▲
WS Max WS - 2YR 24HR	●
Ground	■



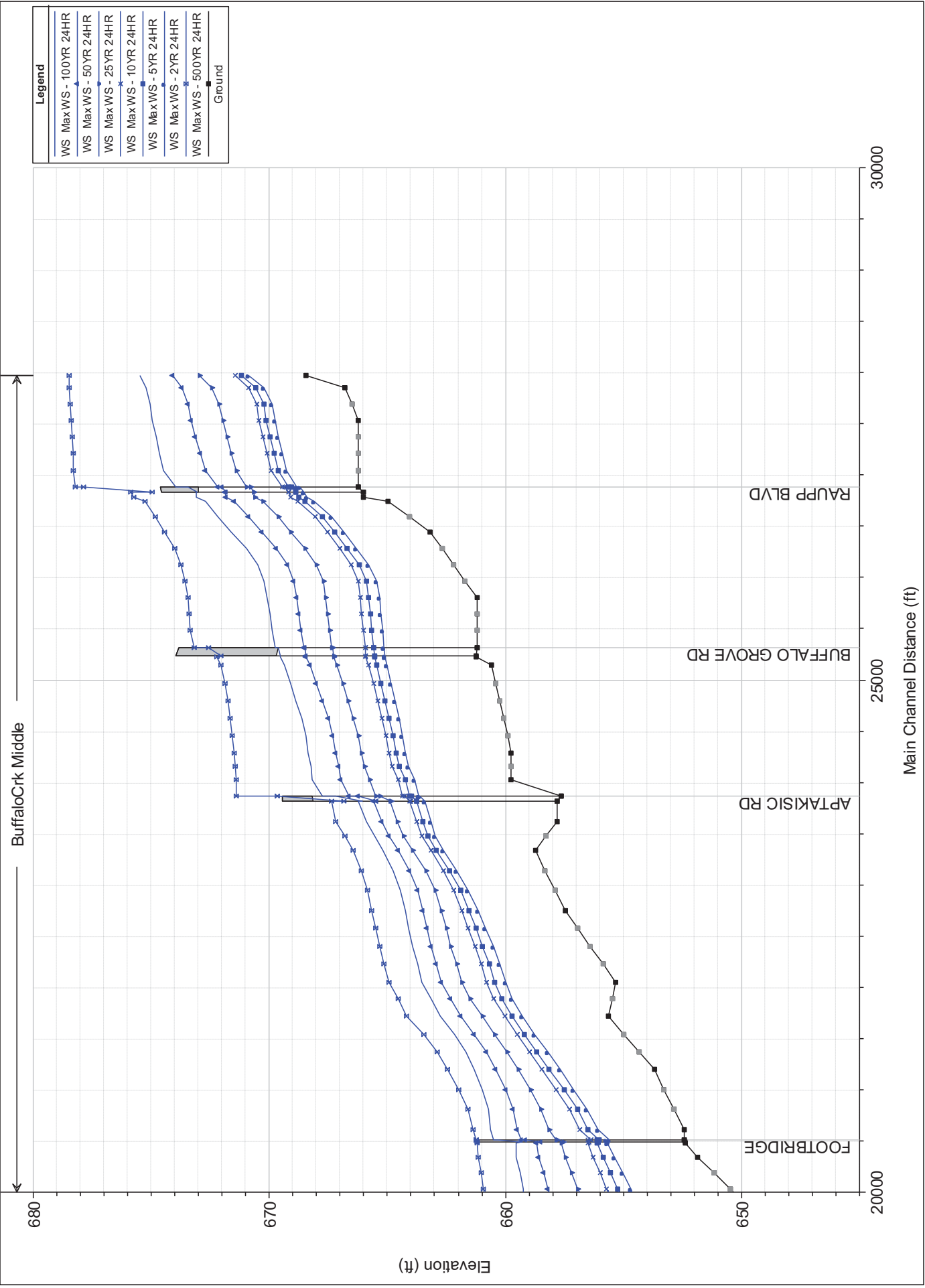
Buffalo Creek Tributary A from downstream of Baldwin Road to the Buffalo Creek Reservoir



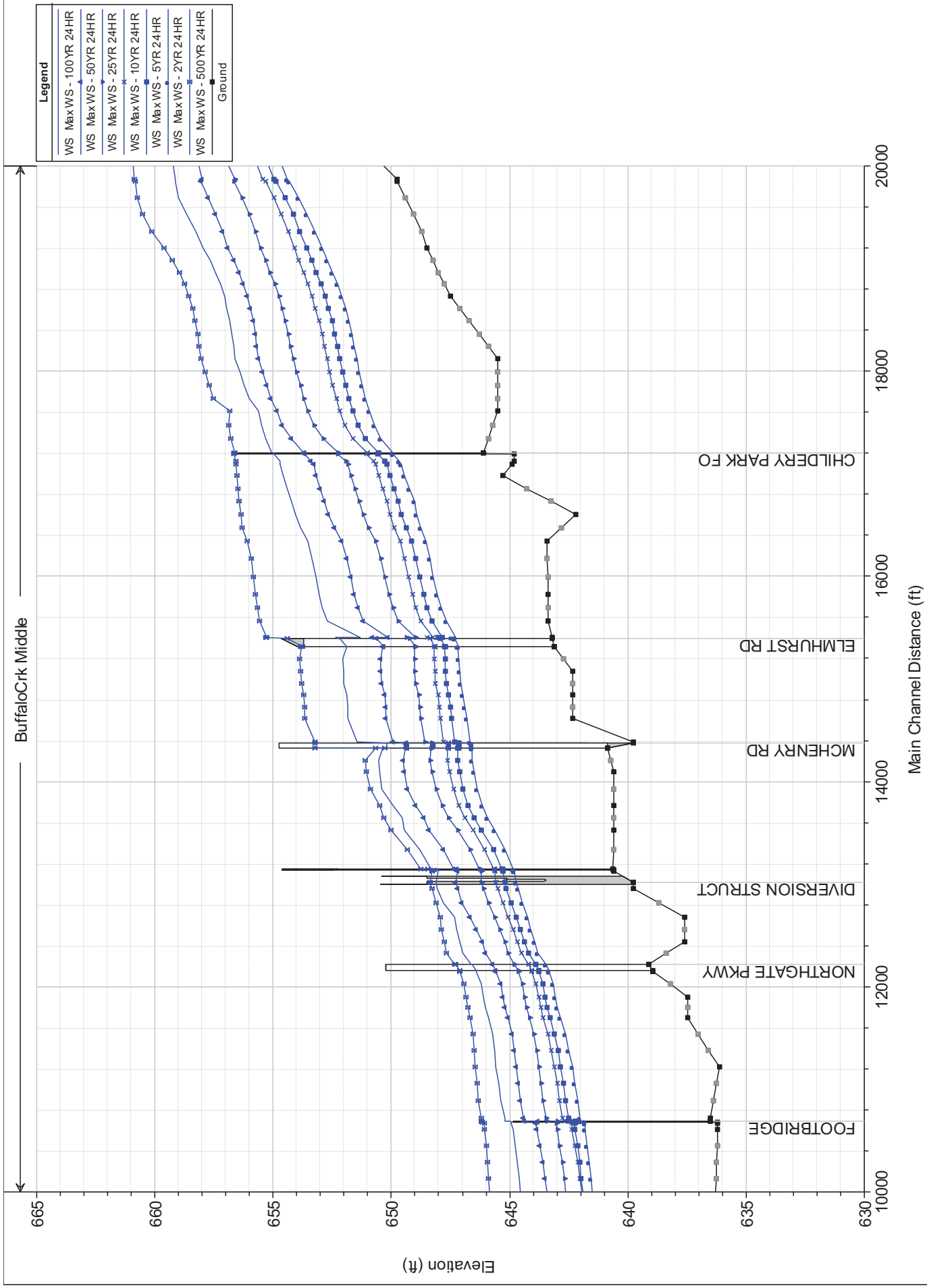
Buffalo Creek Tributary B to the confluence with Buffalo Creek Tributary A



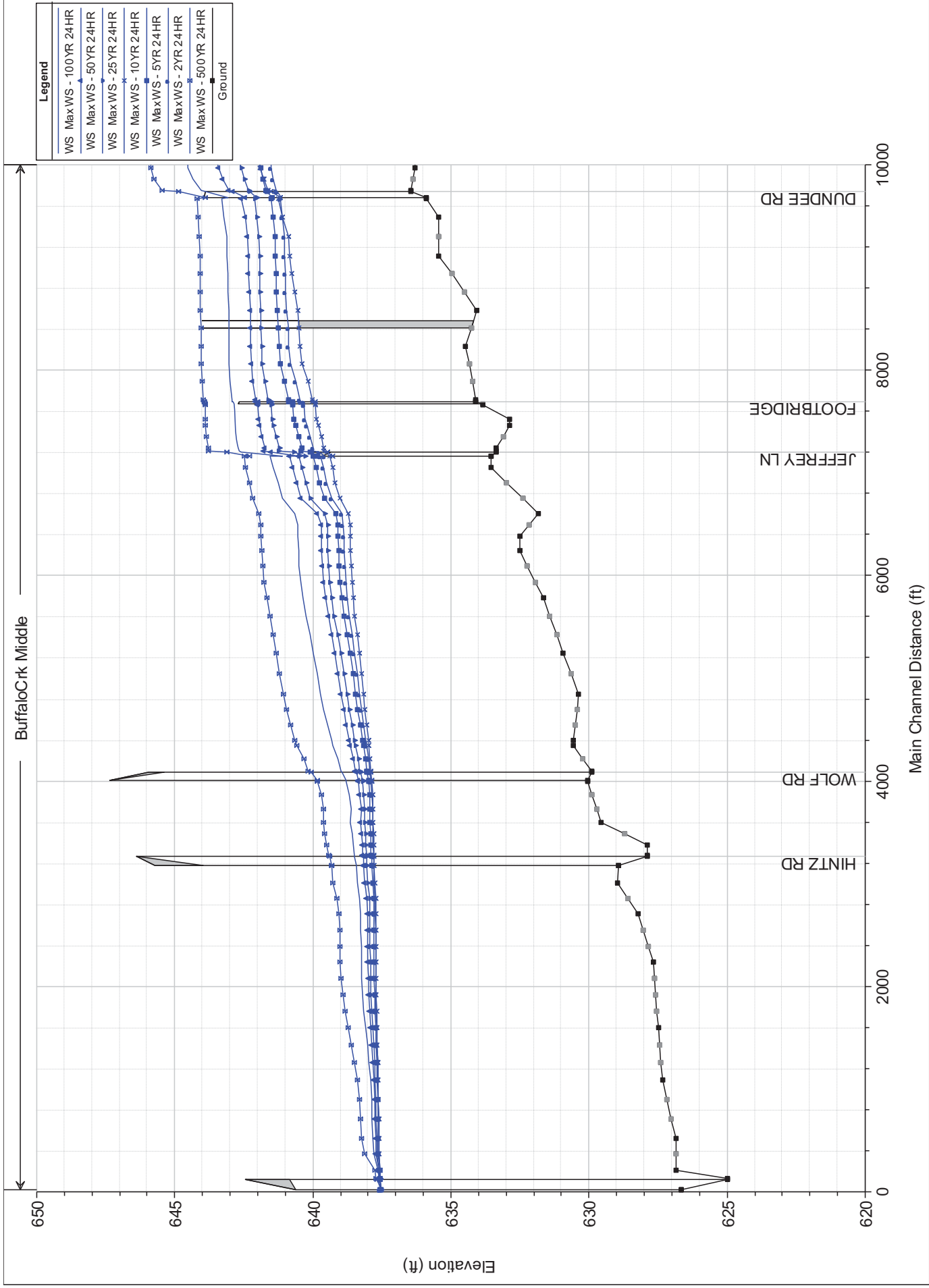
Buffalo Creek from Buffalo Creek Reservoir to Lake-Cook Road



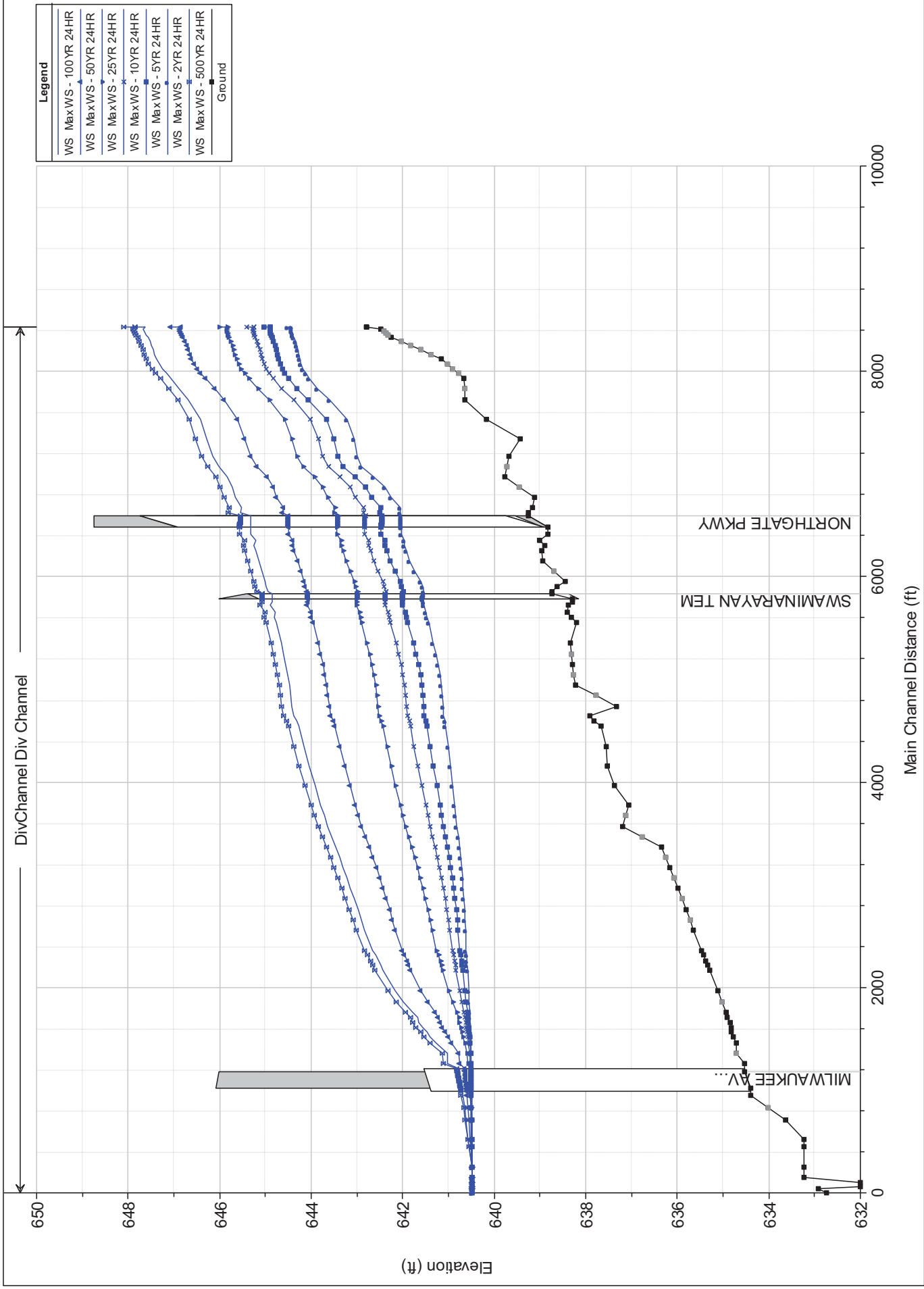
Buffalo Creek from Lake-Cook Road to the downstream of Arlington Club Footbridge



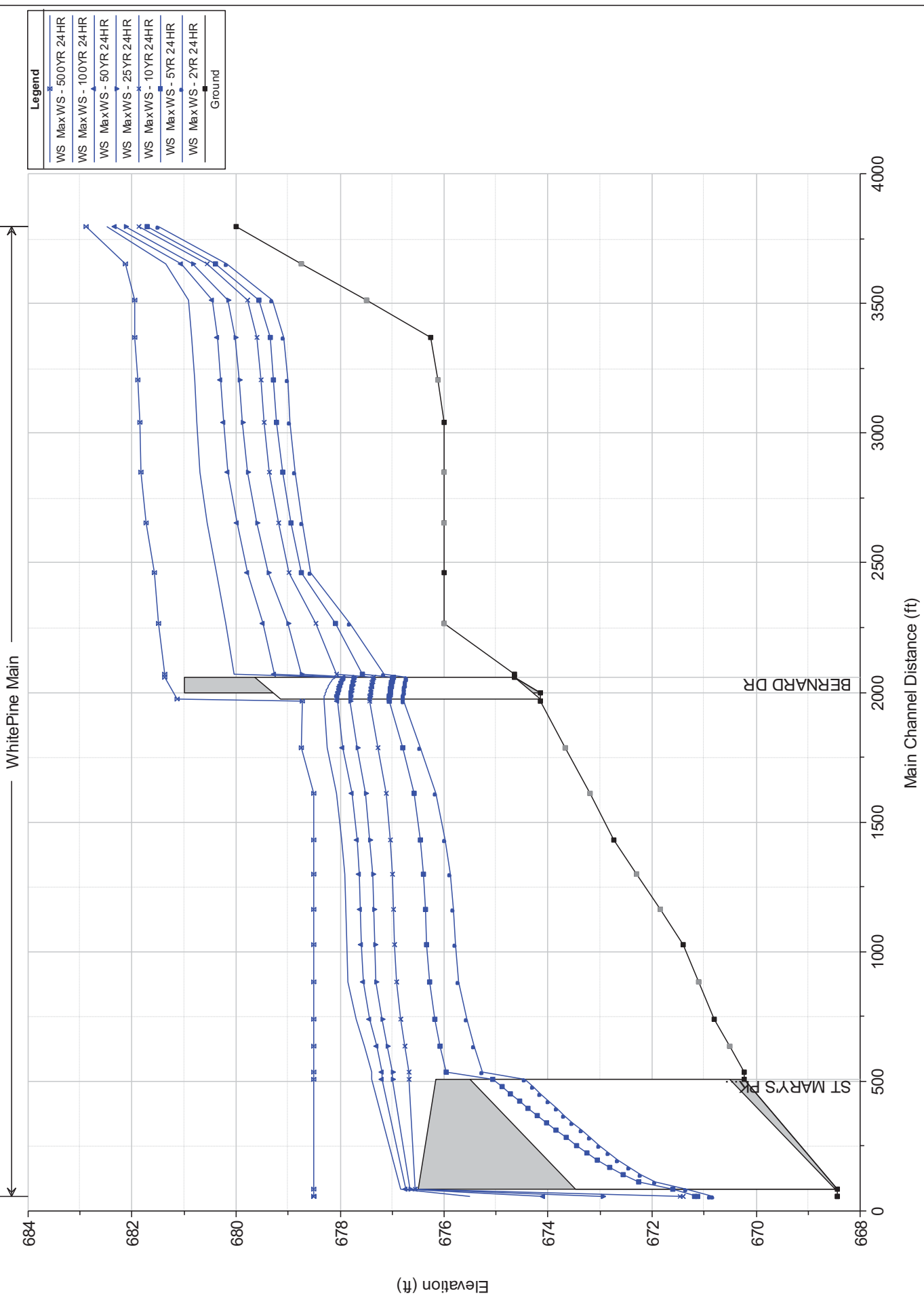
Buffalo Creek from downstream of Arlington Club Footbridge to downstream of Hawthorne School Footbridge



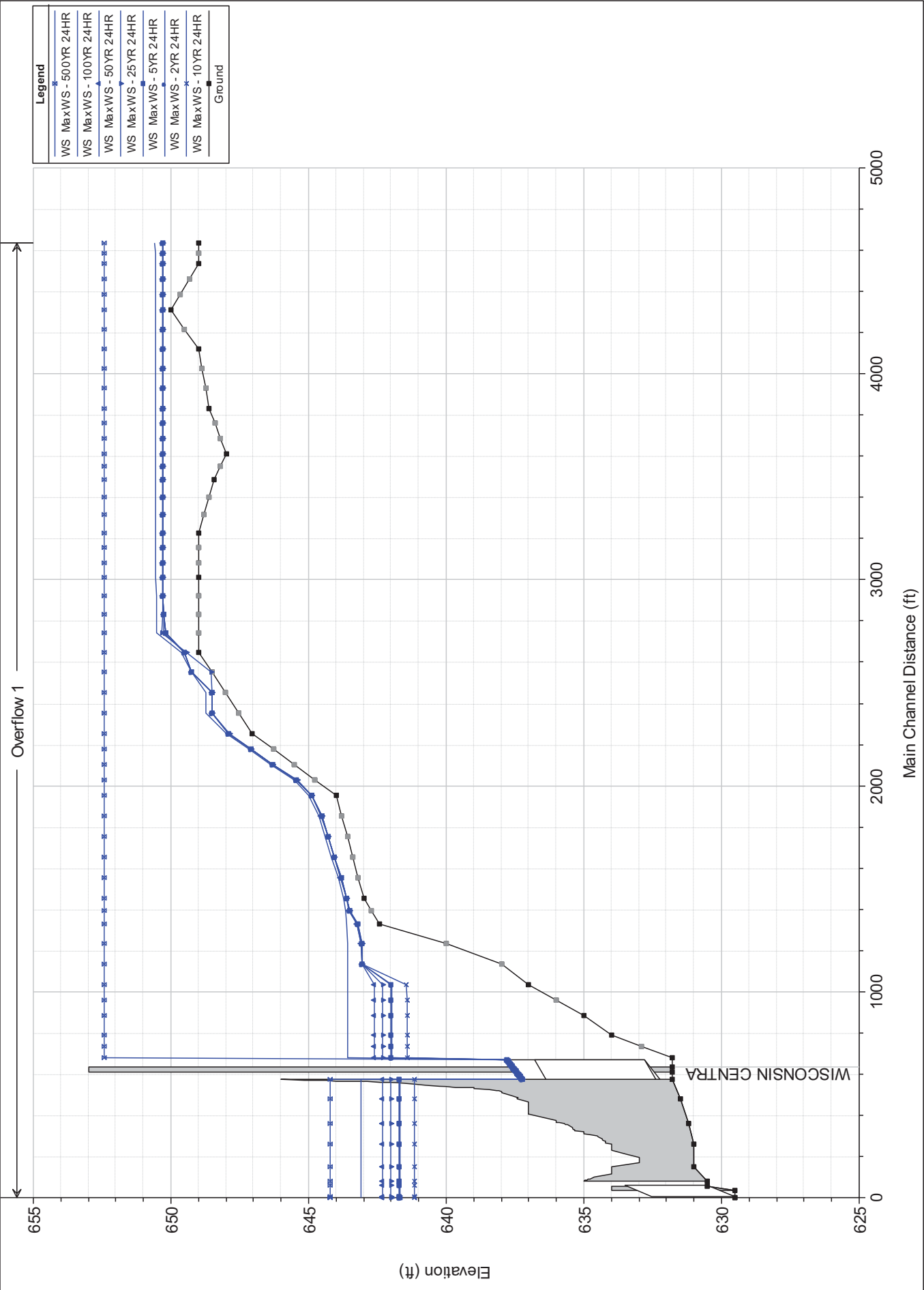
Buffalo Creek from downstream of Hawthorne School Footbridge to the confluence with the Des Plaines River



William Rogers Memorial Diversion Channel from the Buffalo Creek to the Des Plaines River

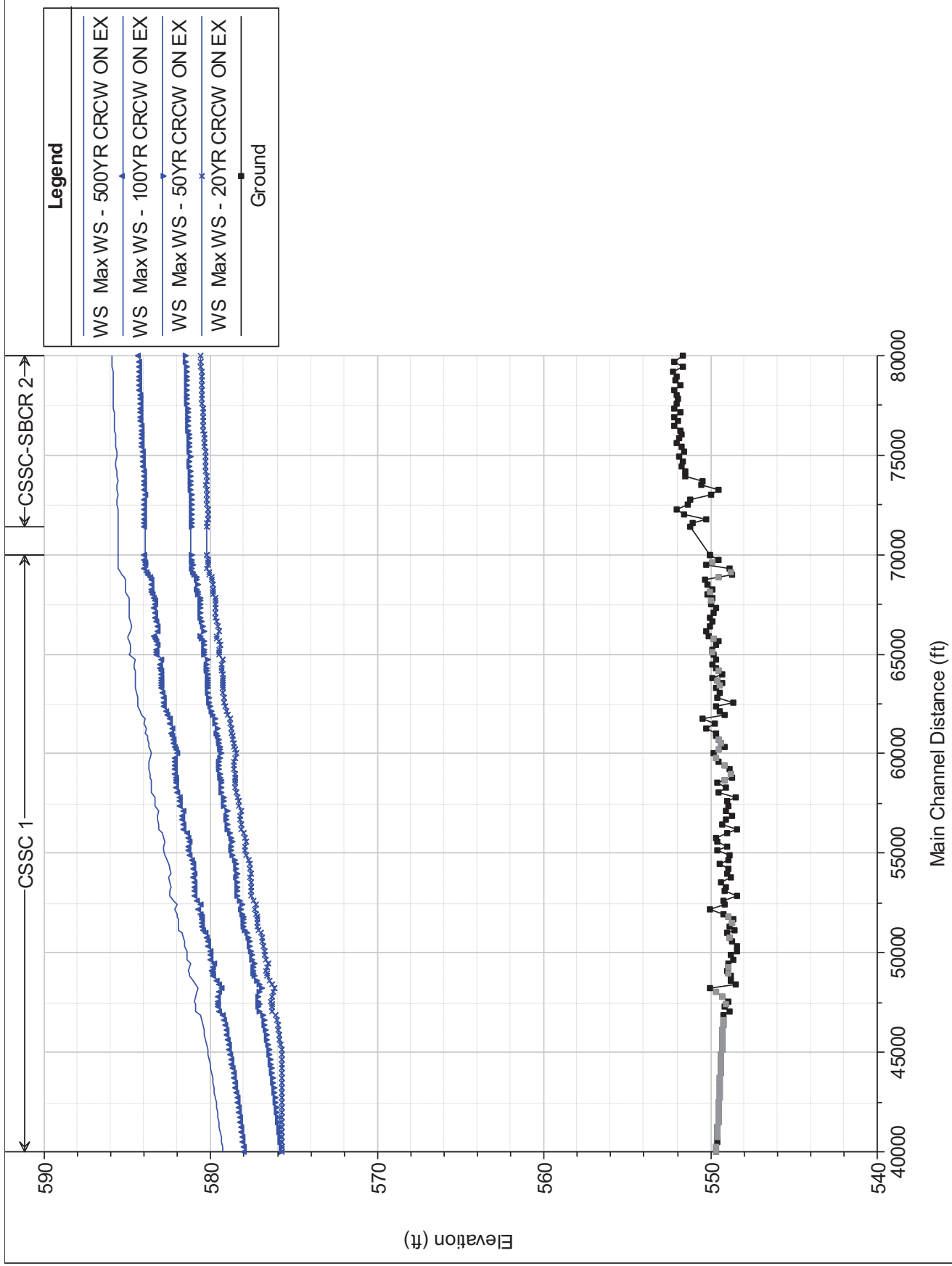


White Pine Ditch from Lion's Park to Buffalo Creek

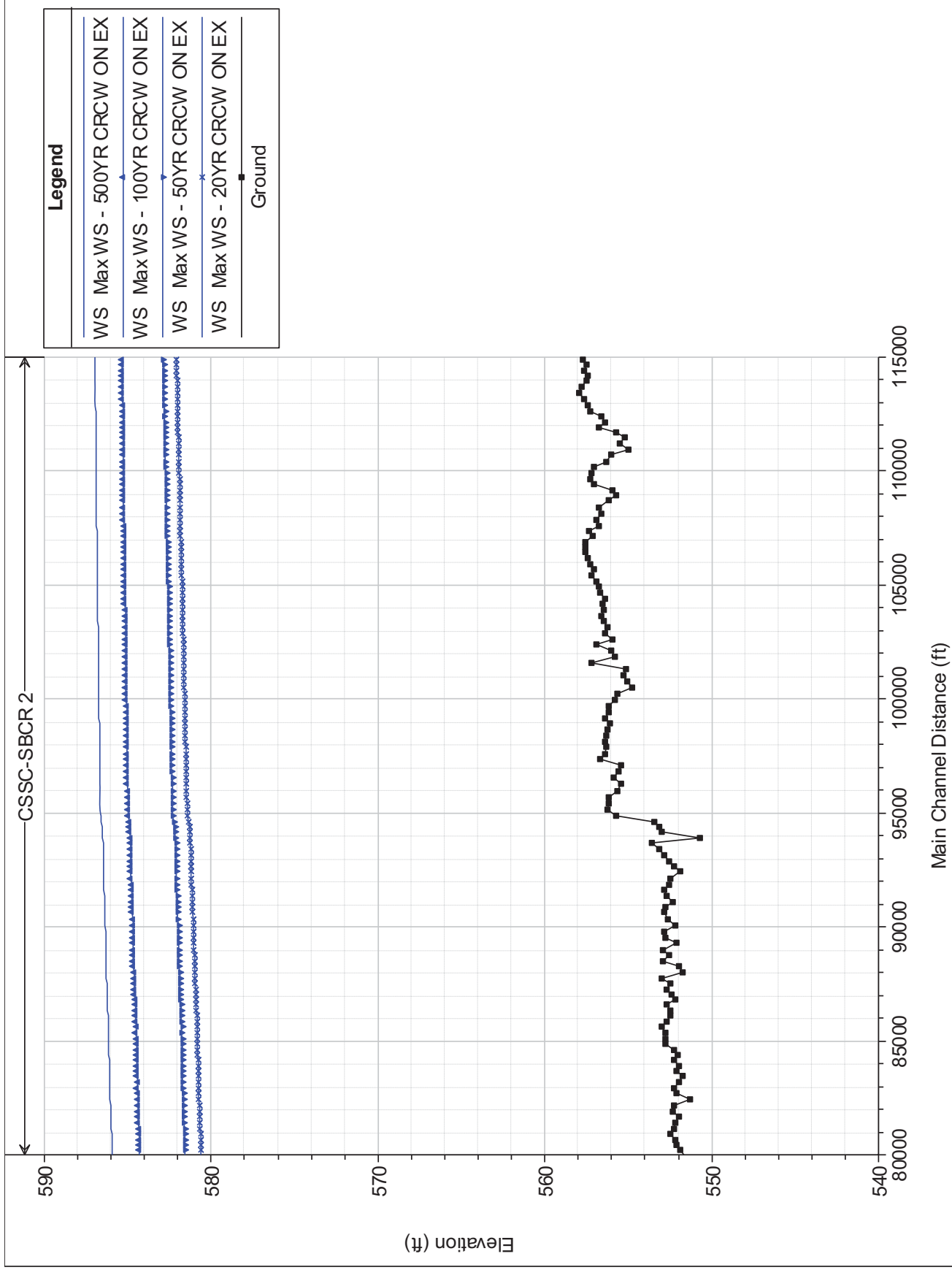


Overflow from Buffalo Creek to Heritage Park

**Chicago Sanitary and Ship Canal Subwatershed
Hydraulic Profiles for Existing Conditions**

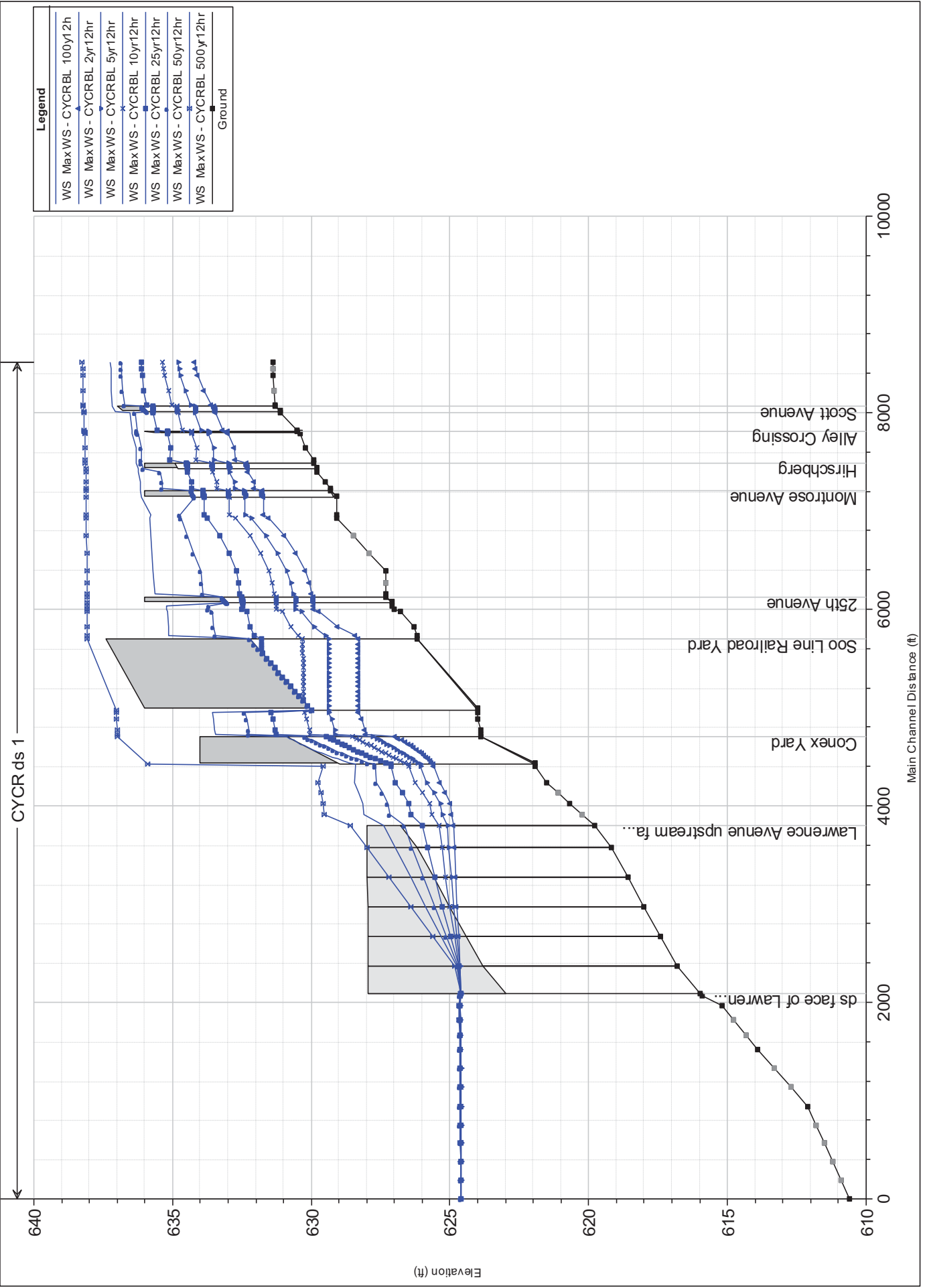


Chicago Sanitary and Ship Canal from downstream of the Will County boundary continuing upstream 40,000 feet to upstream of the confluence with the Calumet Sag Channel

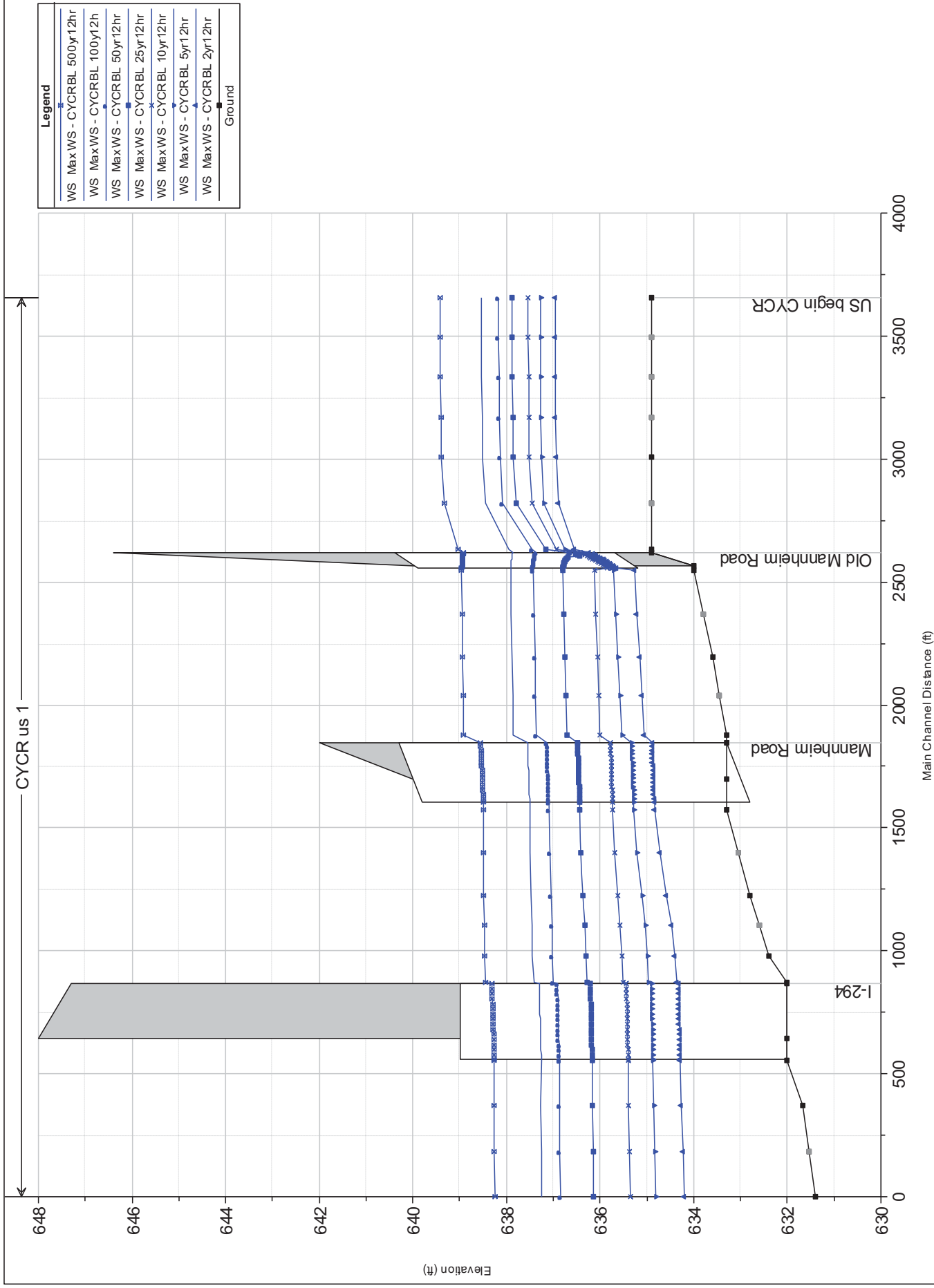


Chicago Sanitary and Ship Canal from upstream of the confluence with the Calumet Sag Channel to approximately Harlem Avenue

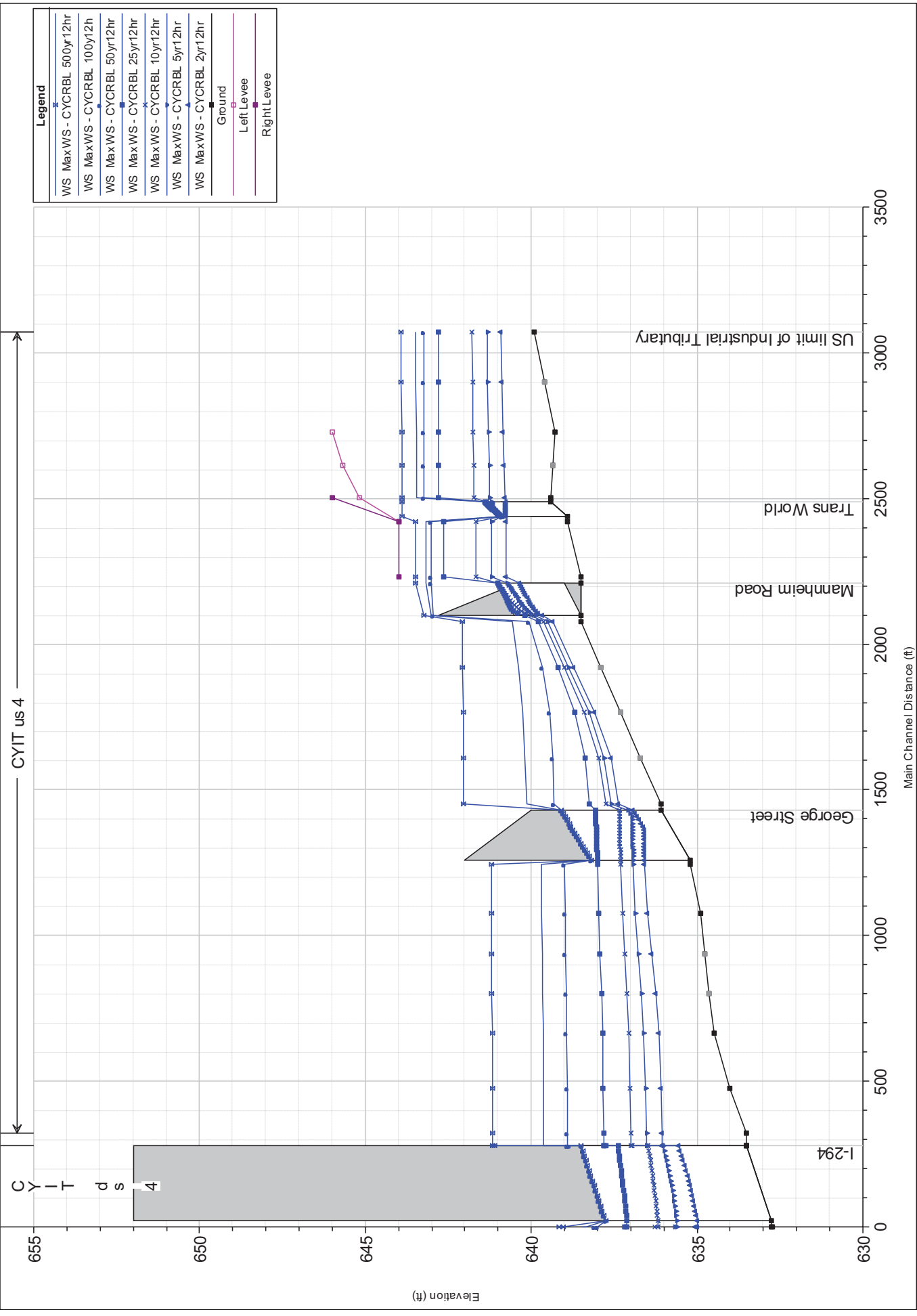
**Crystal Creek Subwatershed
Hydraulic Profiles for Existing Conditions**



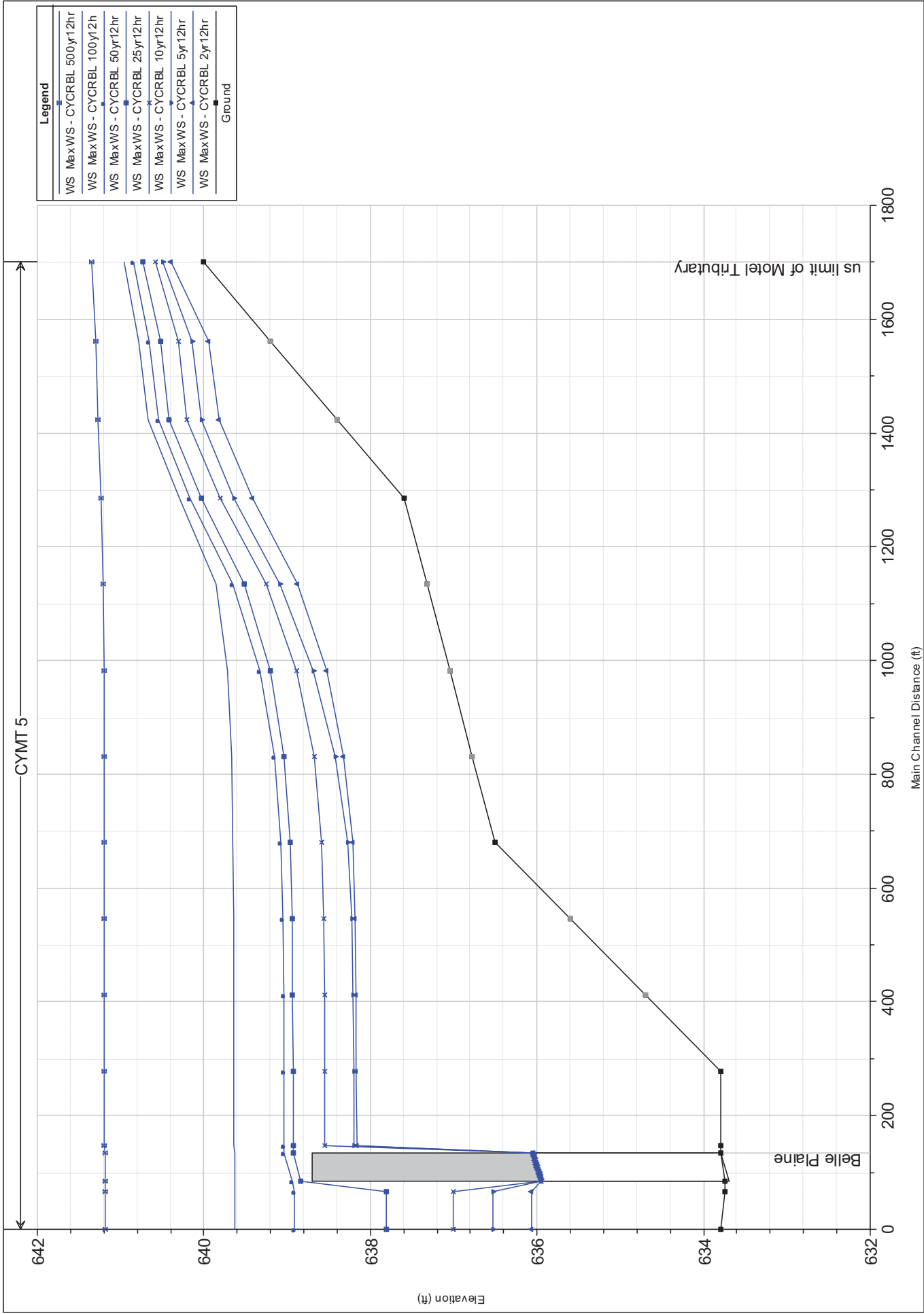
Crystal Creek from confluence with Des Plaines River to confluence with Crystal Creek Tributary



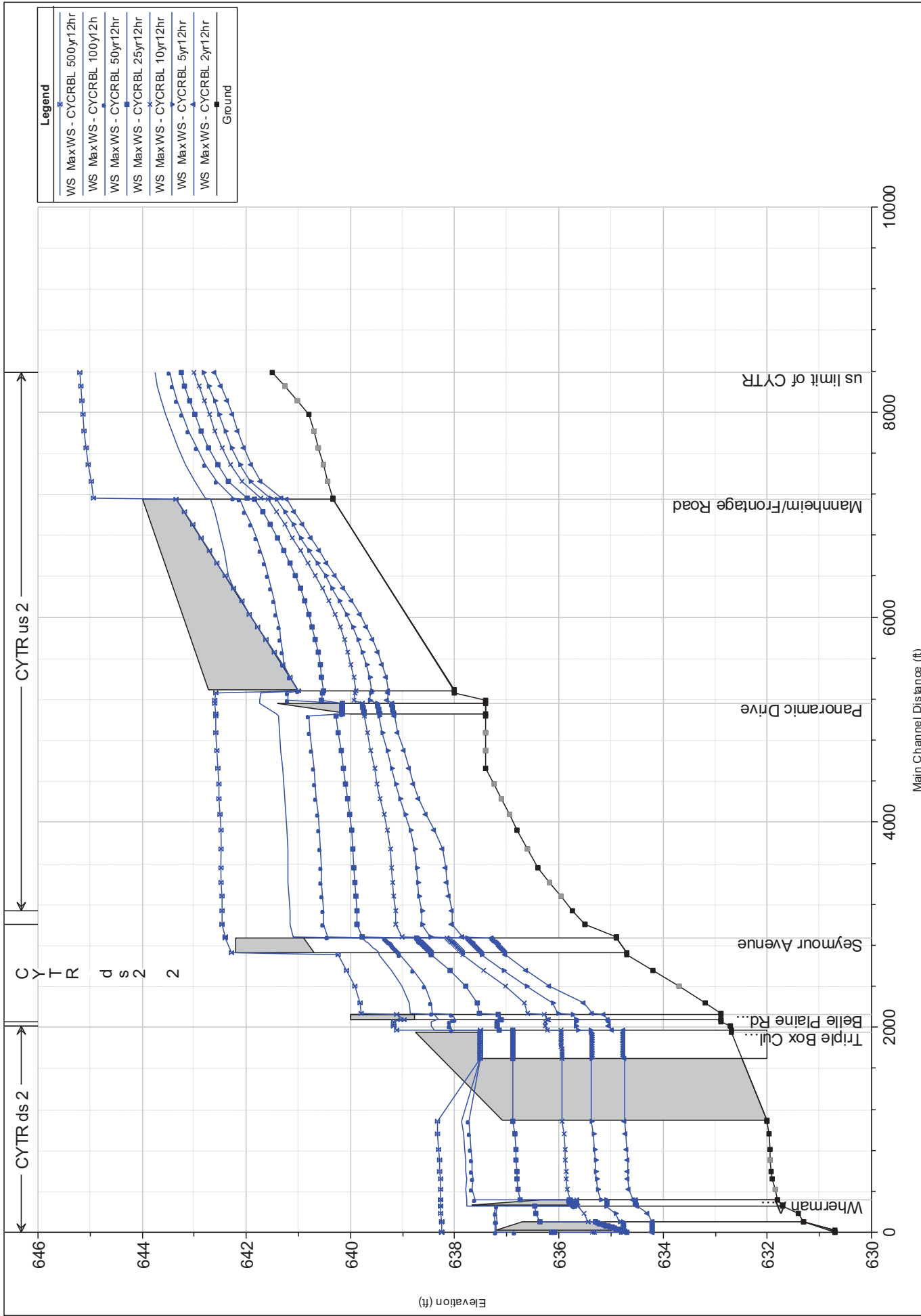
Creek from confluence with Crystal Creek Tributary to upstream limit of study



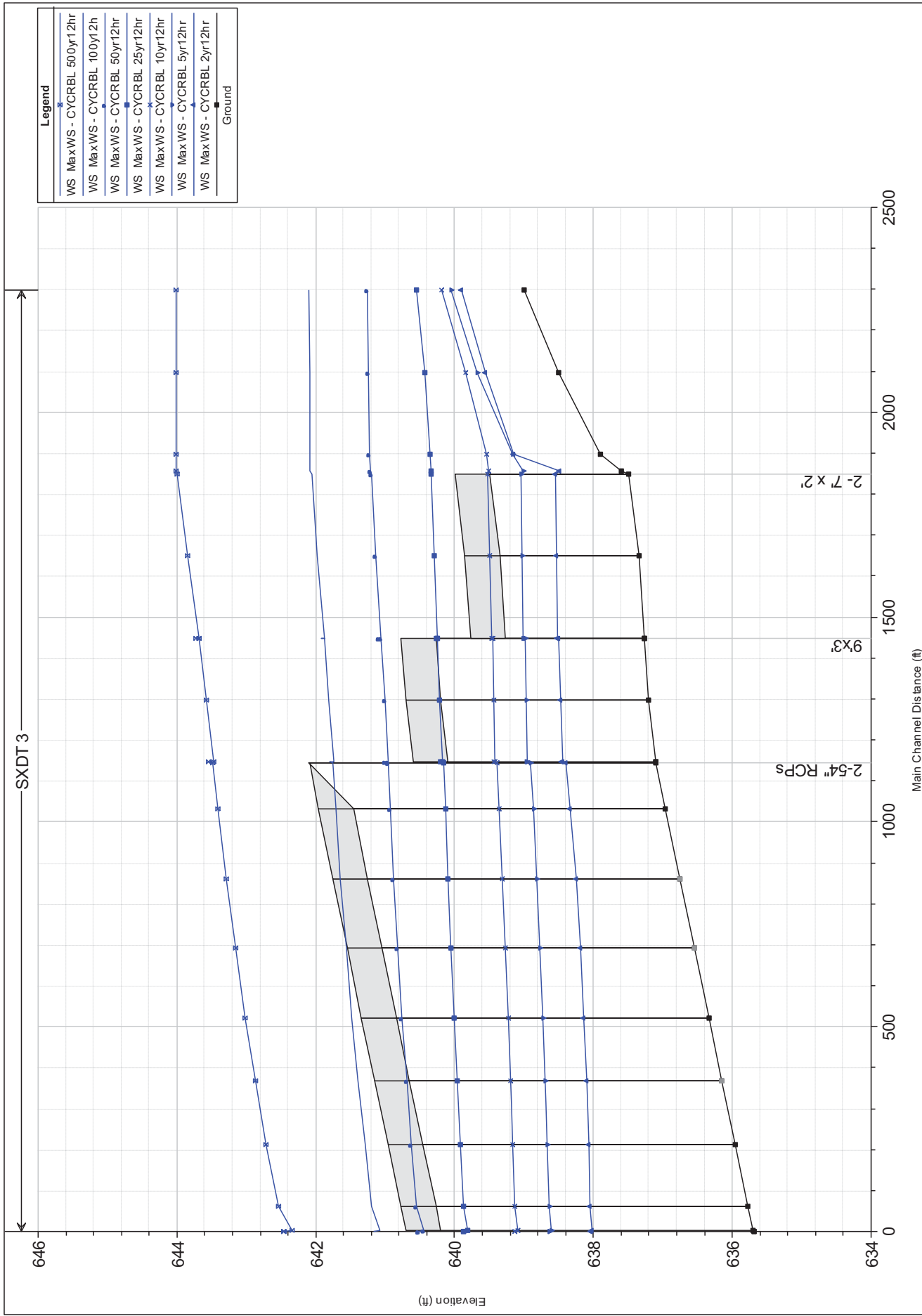
Industrial Tributary from confluence with Crystal Creek Tributary to upstream limit of study



Motel Tributary from confluence with Industrial Tributary to upstream limit of study

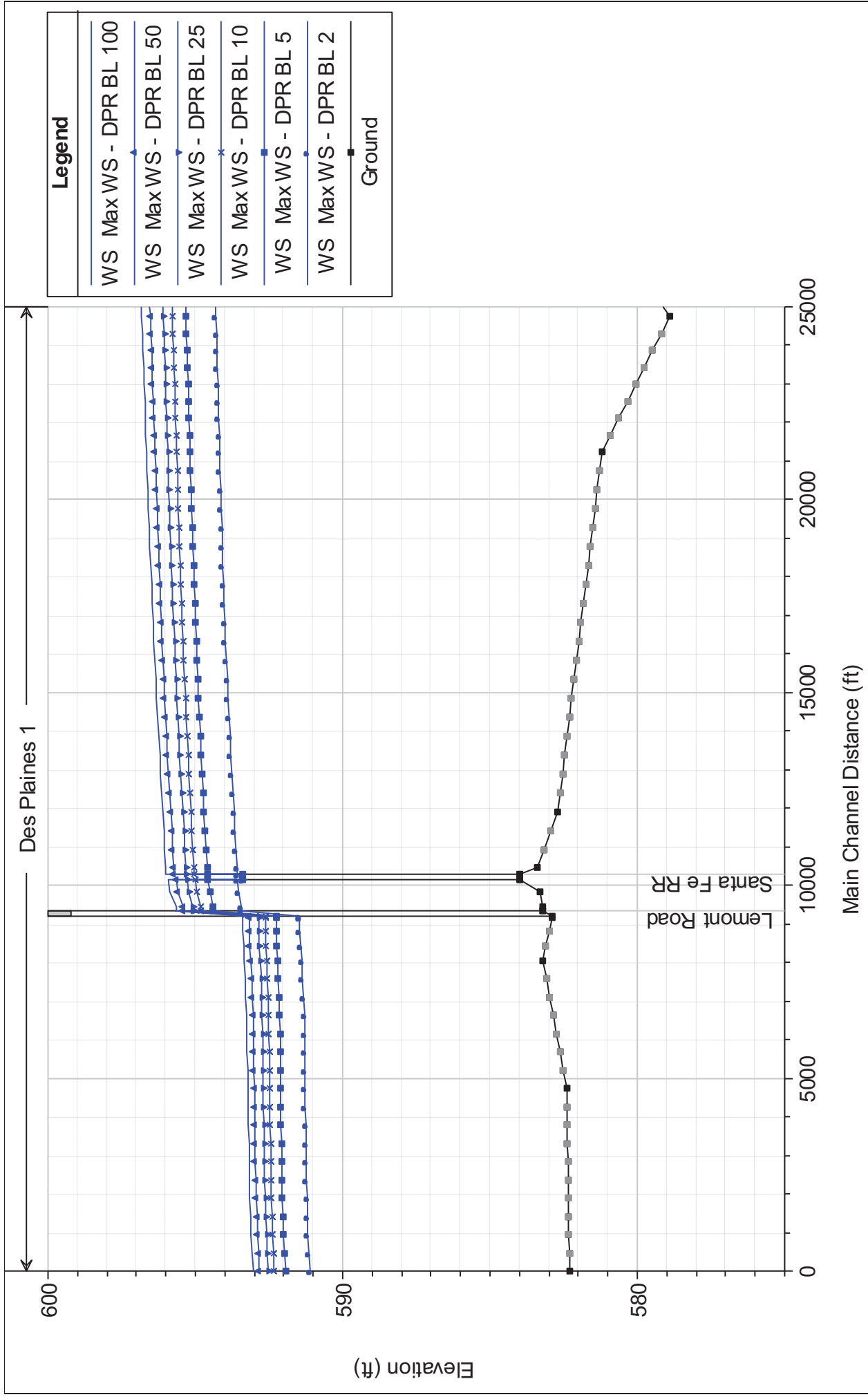


Crystal Creek Tributary from confluence with Crystal Creek to upstream limit of study

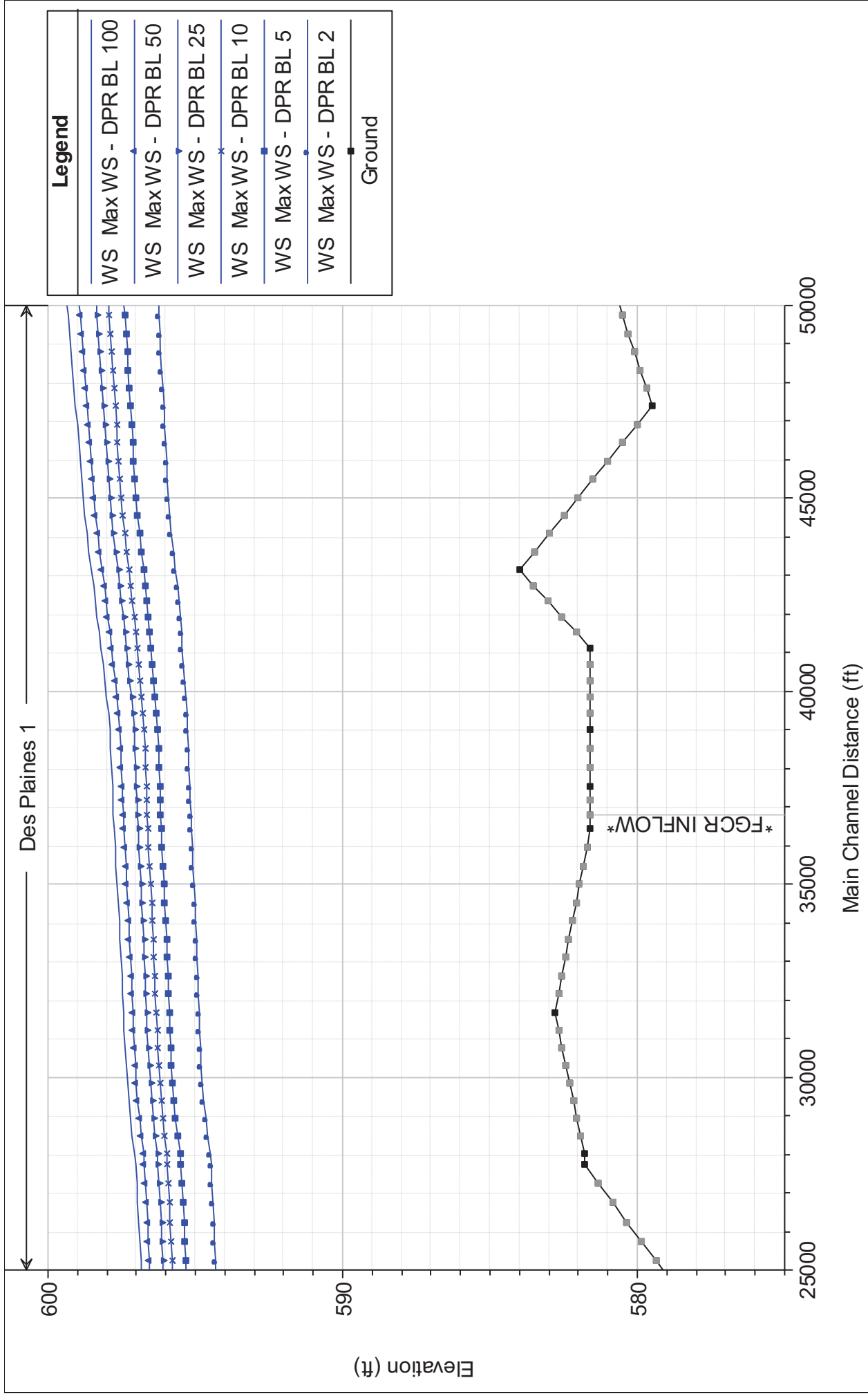


Sexton Ditch from confluence with Crystal Creek Tributary to upstream limit of study.

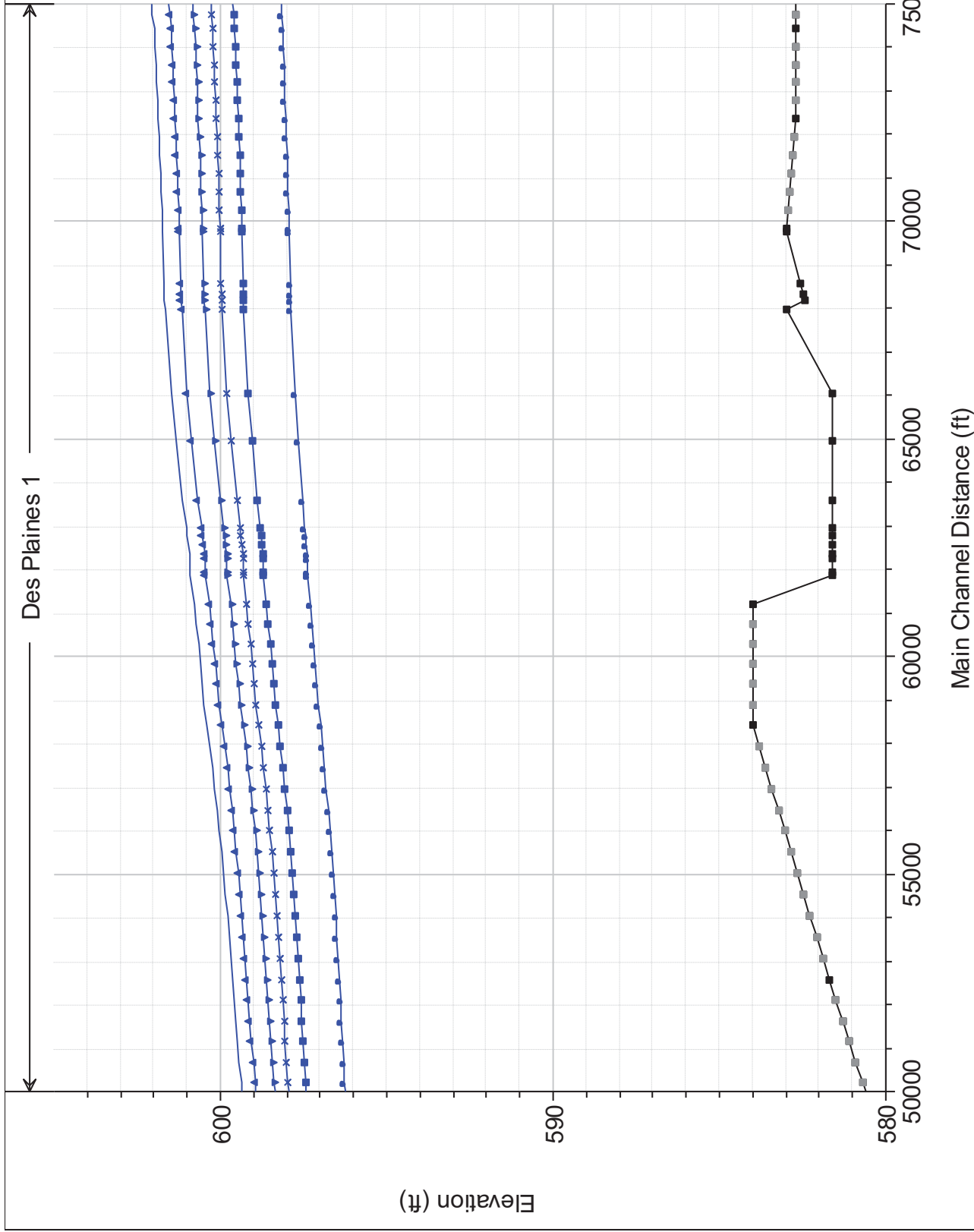
**Lower Des Plaines River Mainstem Watershed
Hydraulic Profiles for Existing Conditions**



Lower Des Plaines River Mainstem from Will County to approximately 15,000' upstream of Santa Fe Railroad



Lower Des Plaines River Mainstem from approximately 15,000' upstream of Santa Fe Railroad to approximately 13,500' upstream of Flagg Creek confluence

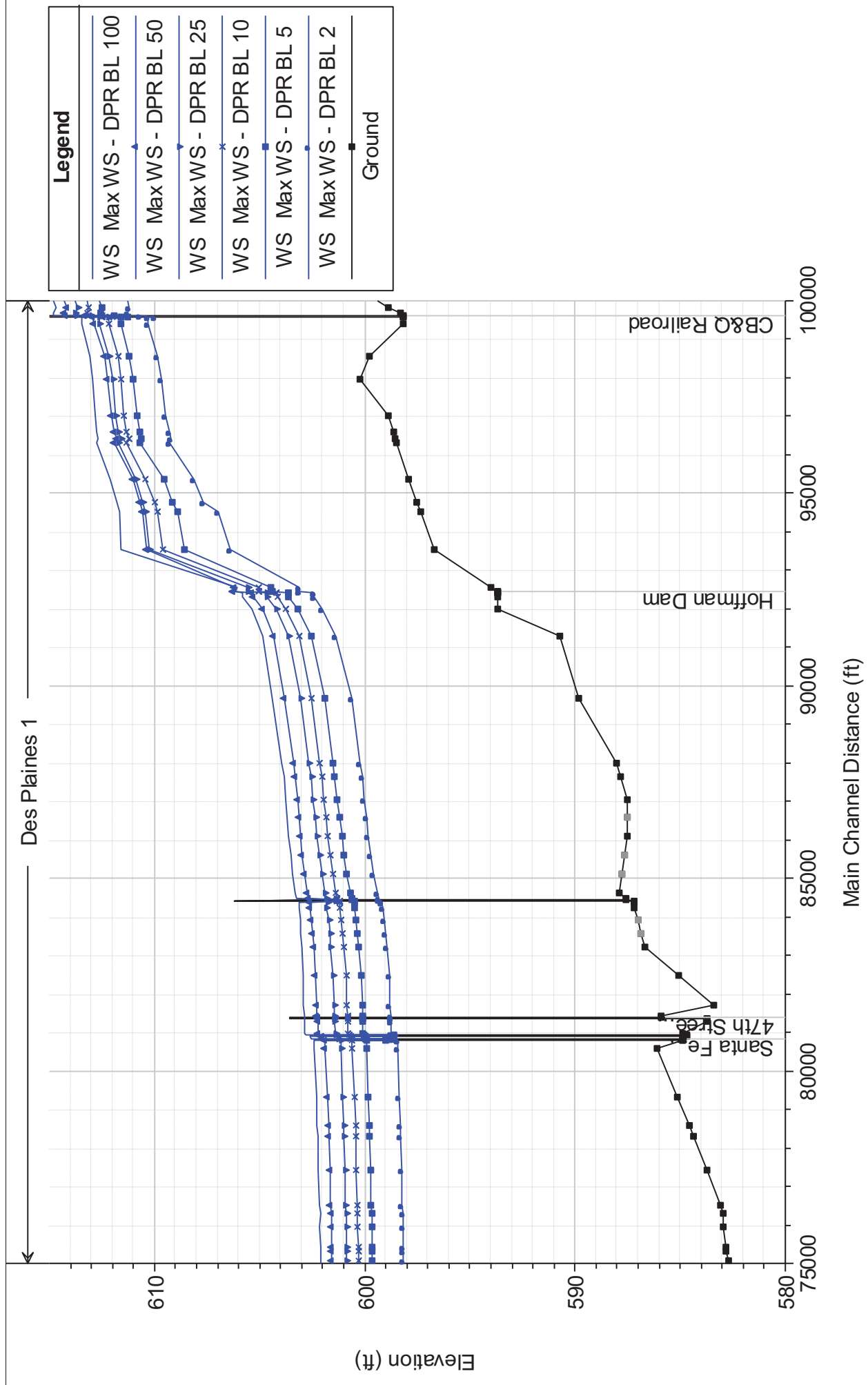


Legend

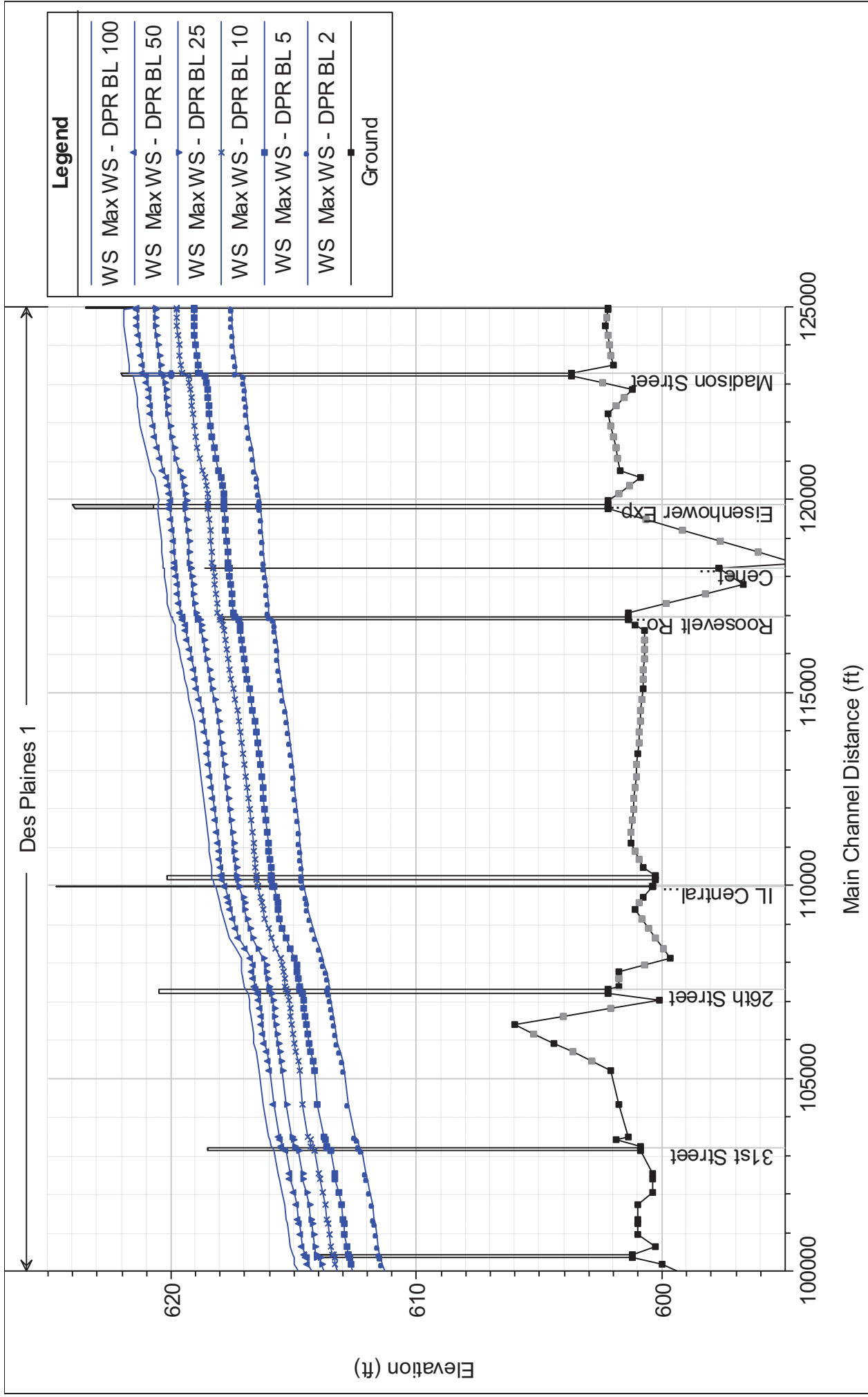
- WS Max WS - DPR BL 100
- WS Max WS - DPR BL 50
- WS Max WS - DPR BL 25
- WS Max WS - DPR BL 10
- WS Max WS - DPR BL 5
- WS Max WS - DPR BL 2

Ground

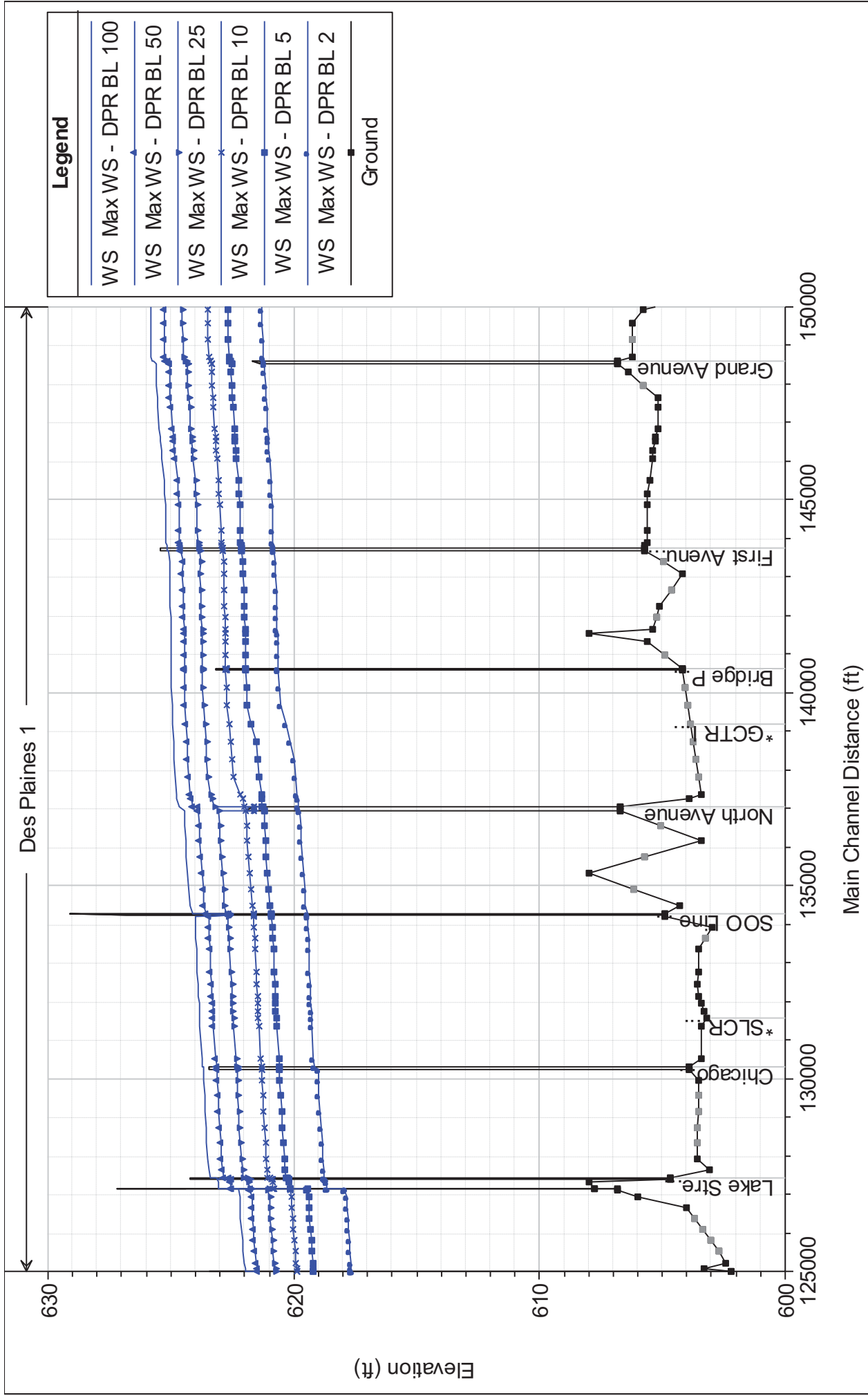
Lower Des Plaines River between Flag Creek confluence and 47th Street



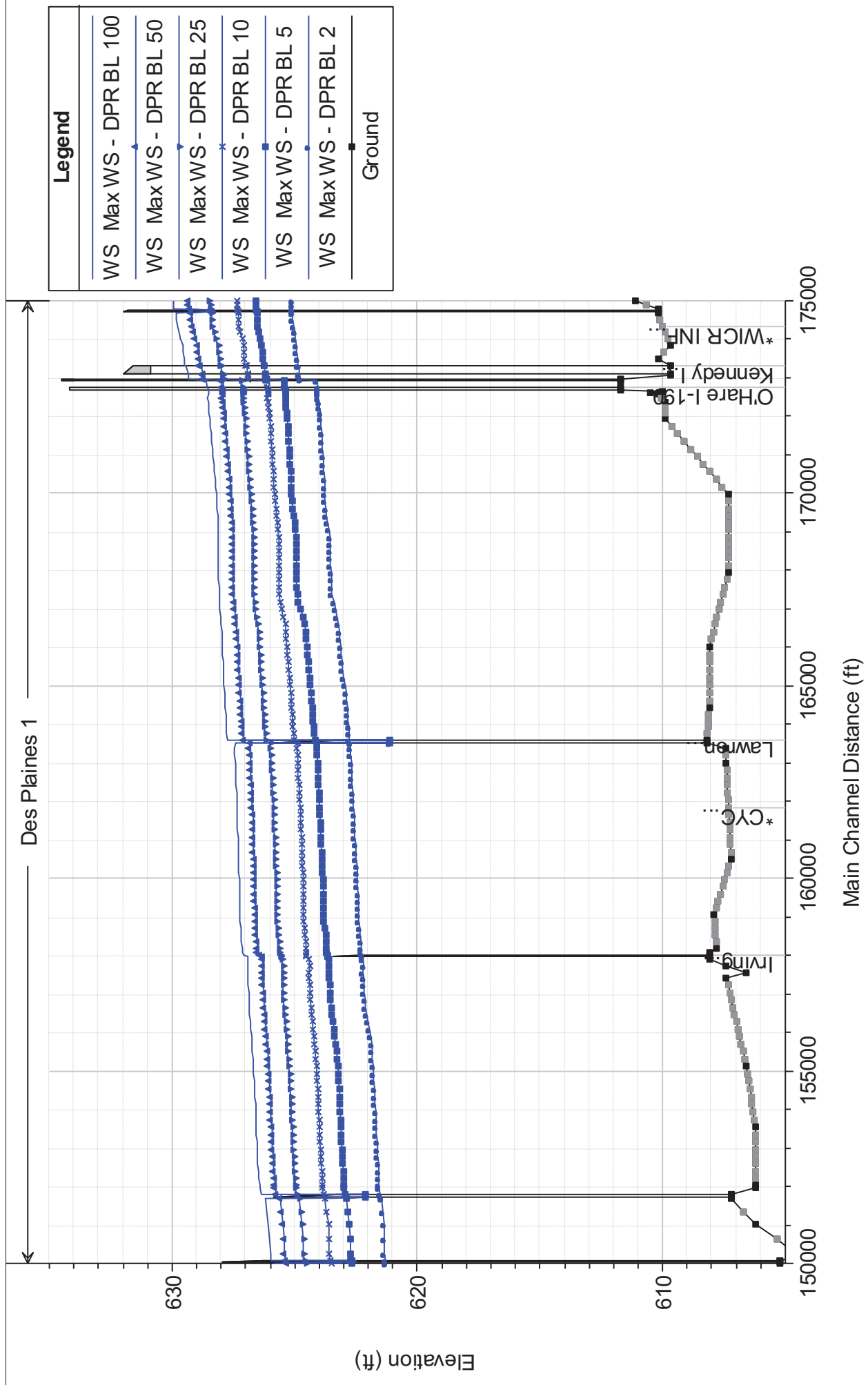
Lower Des Plaines River Mainstem from approximately 6,500' downstream of 47th Street to upstream of CB&Q railroad



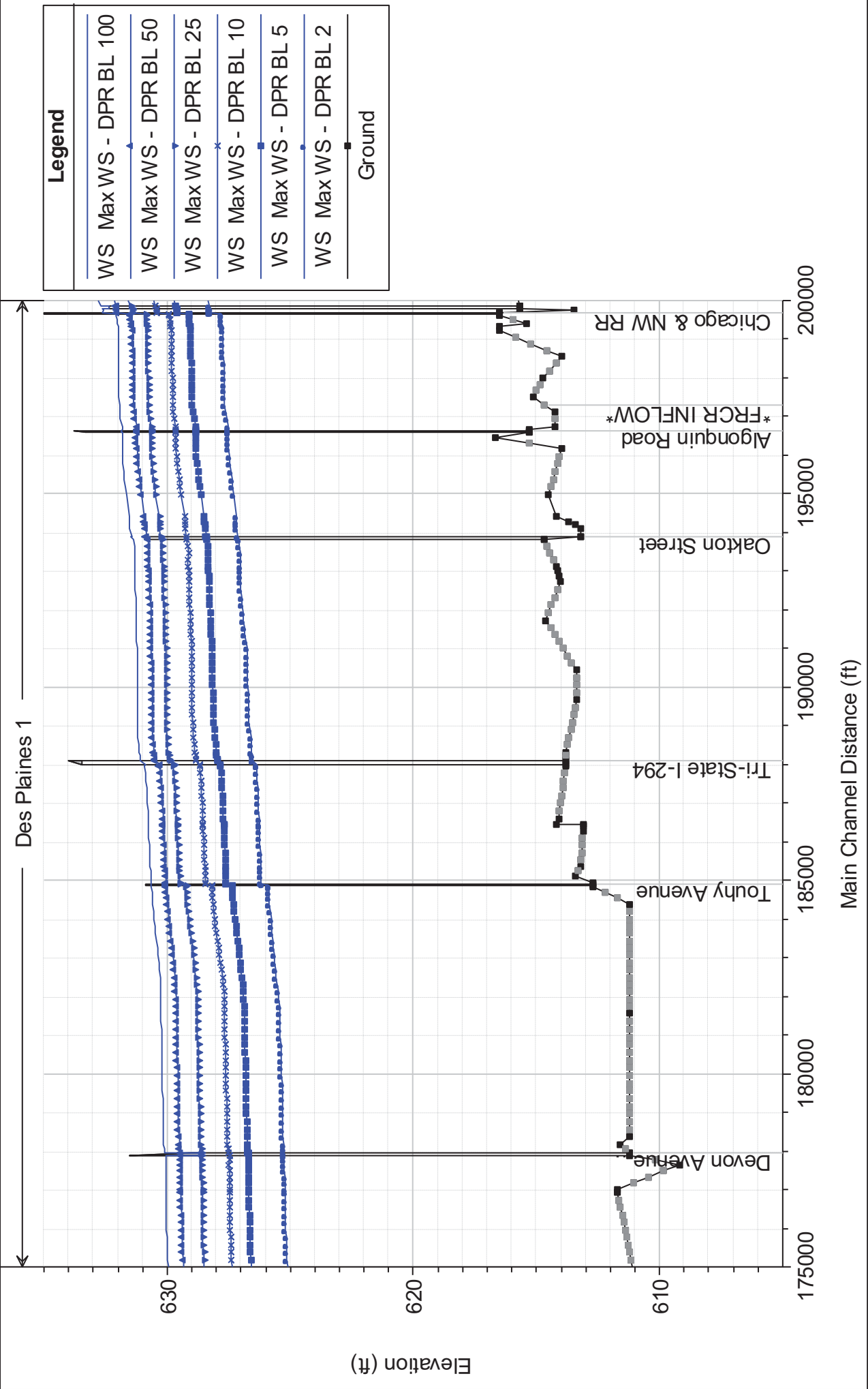
Lower Des Plaines River Mainstem from downstream of 31st Street to upstream of Madison Street



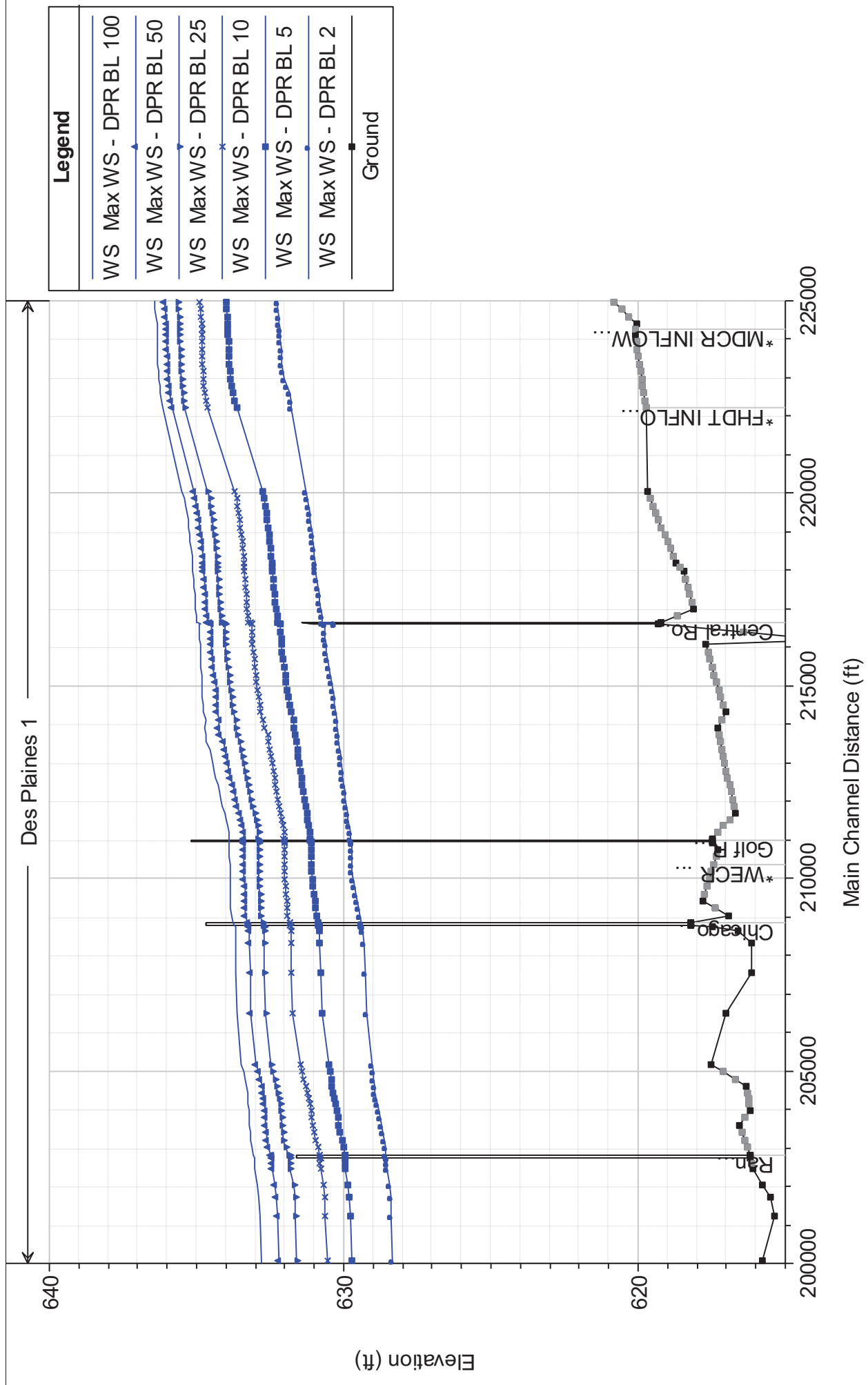
Lower Des Plaines River Mainstem from downstream of Lake Street to upstream of Grand Avenue



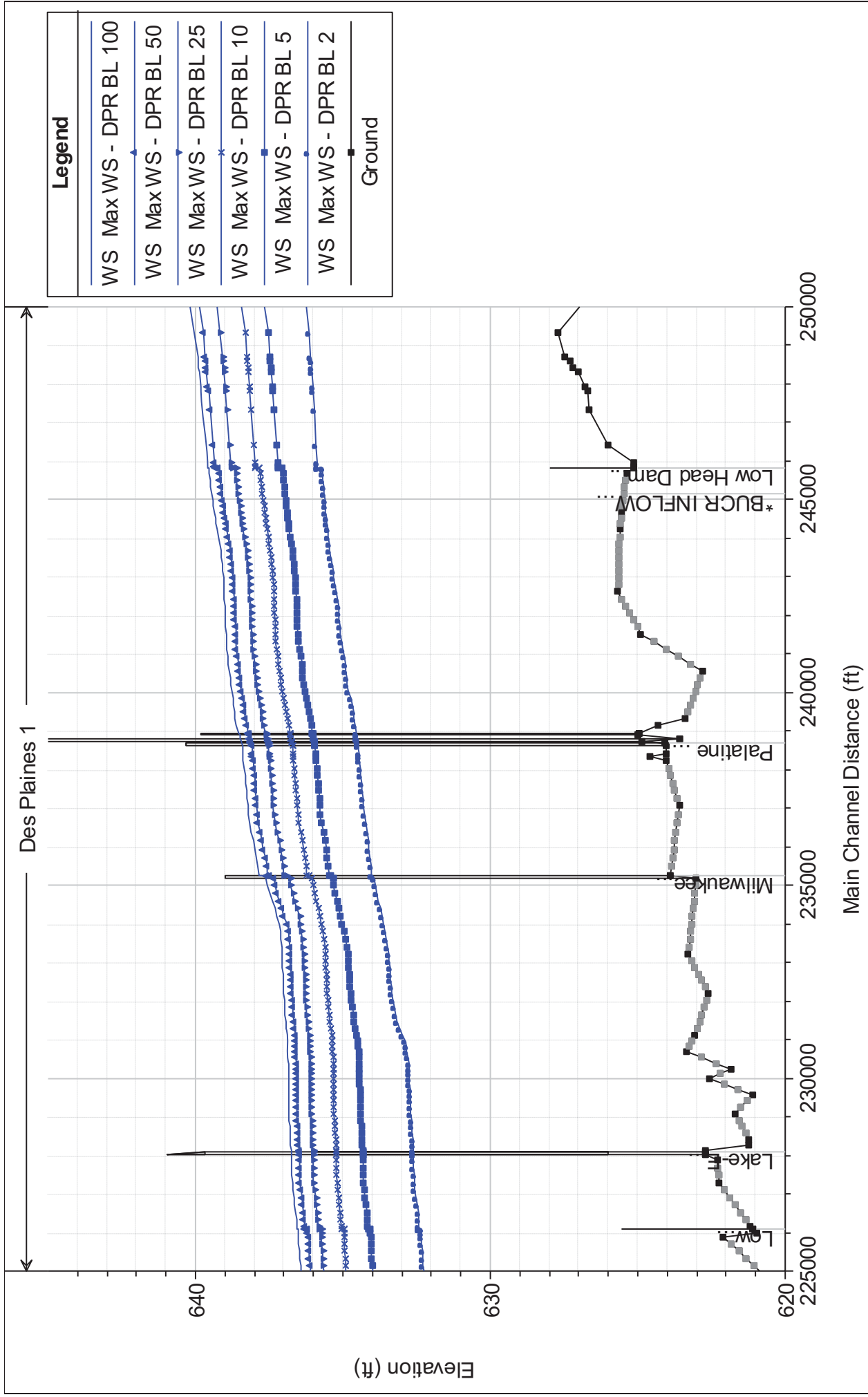
Lower Des Plaines River Mainstem from upstream of Grand Avenue to upstream of Willow Creek confluence



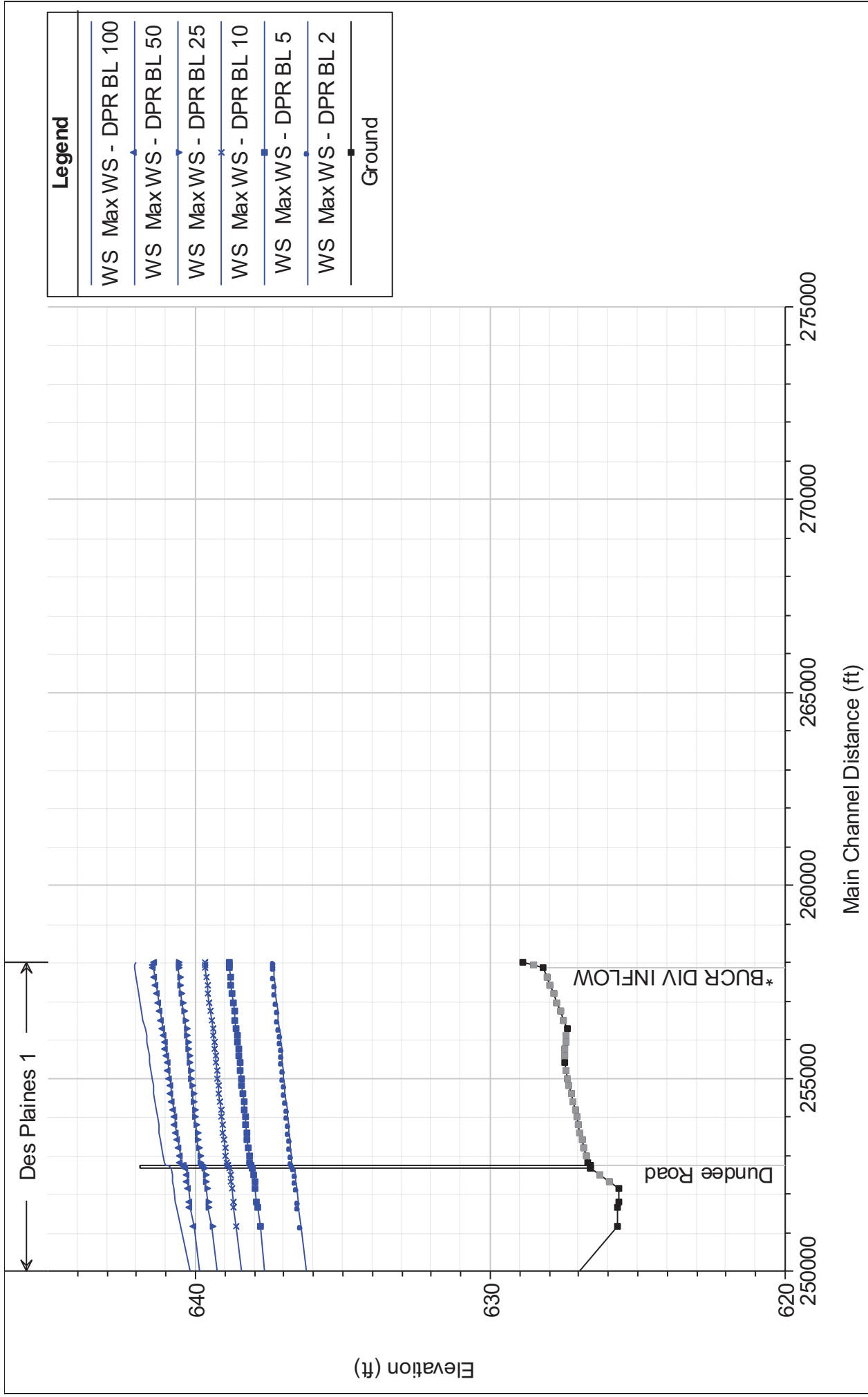
Lower Des Plaines River Mainstem from downstream of Devon Avenue to upstream of Chicago & NW railroad



Lower Des Plaines River Mainstem from downstream of Rand Road to upstream of McDonald Creek confluence

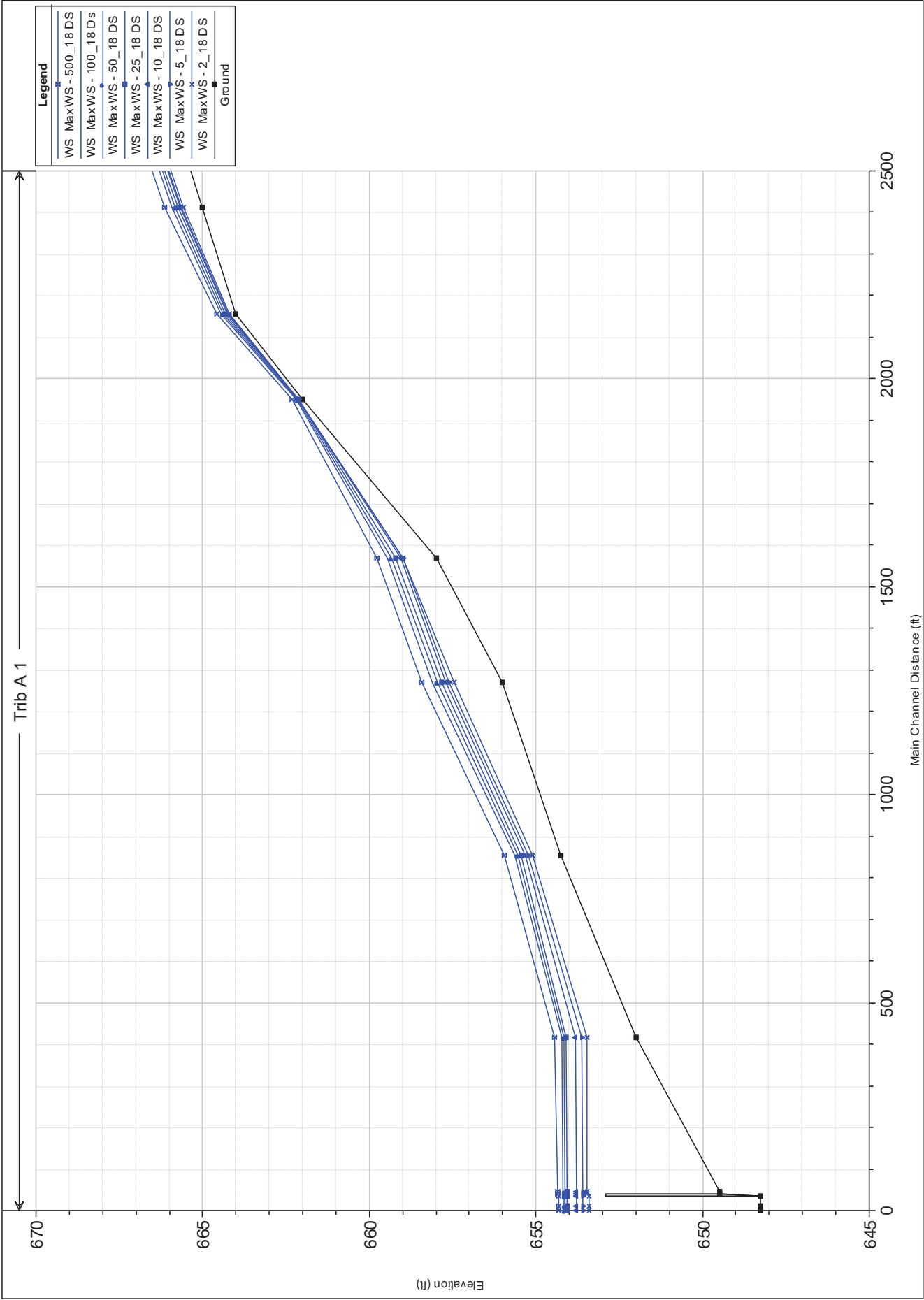


Lower Des Plaines River Mainstem from upstream of McDonald Creek confluence to upstream of Buffalo Creek confluence



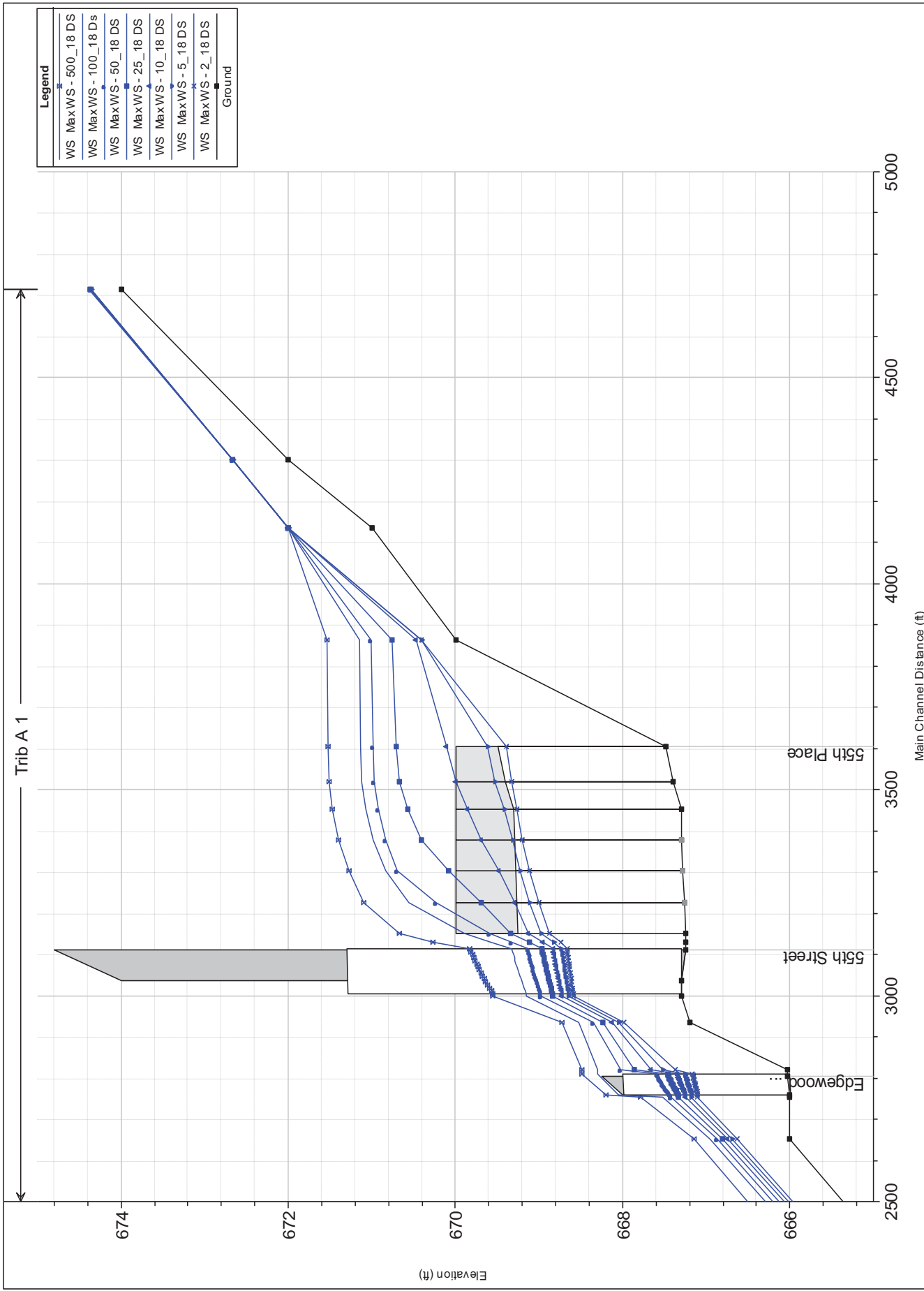
Lower Des Plaines River Mainstem from upstream of Buffalo Creek confluence to William Rogers Memorial Diversion Channel

**Des Plaines River Tributary A Subwatershed
Hydraulic Profiles for Existing Conditions**



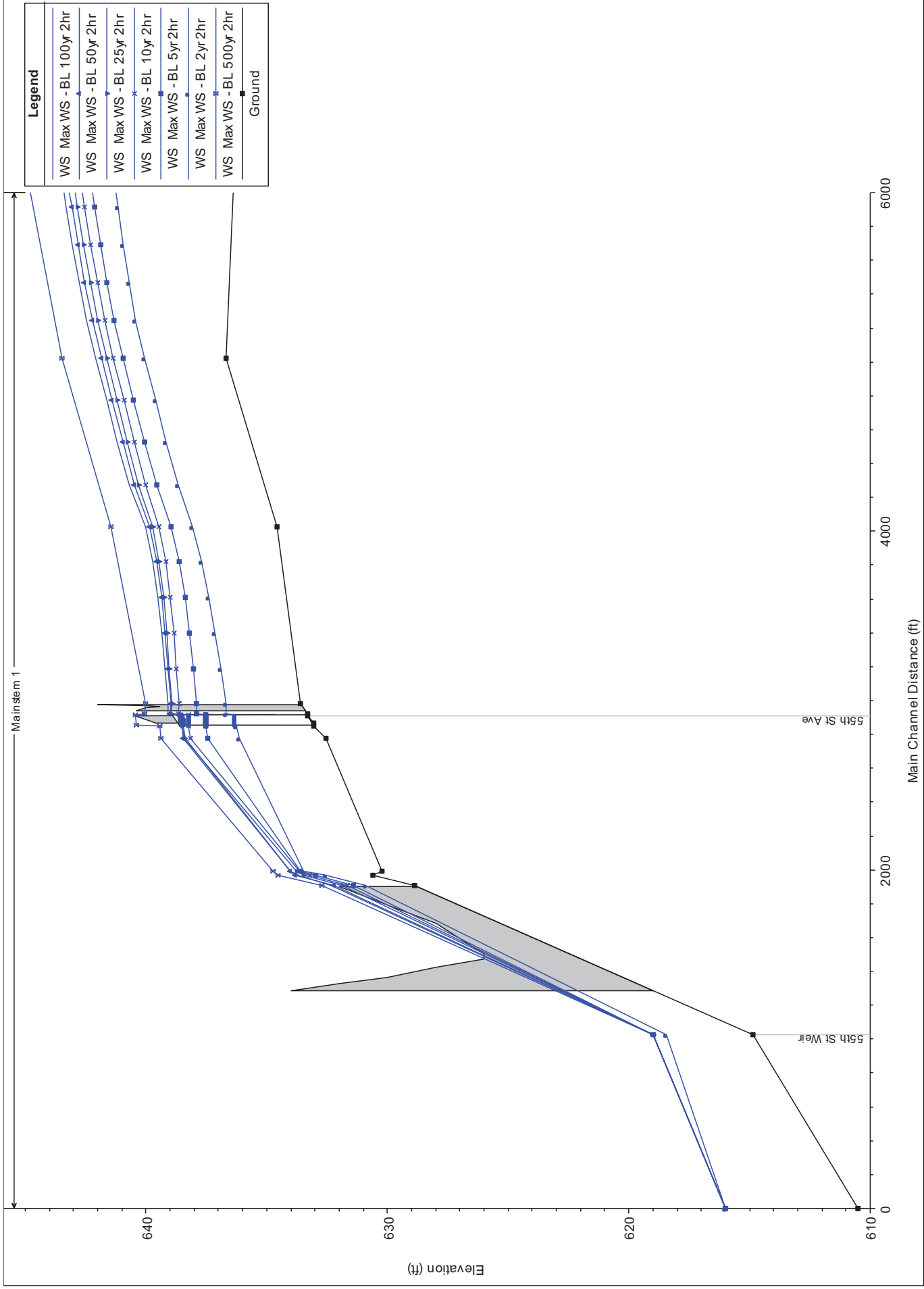
Des

Plaines River Tributary A from 48" RCP at Brainard Avenue to 2500' upstream

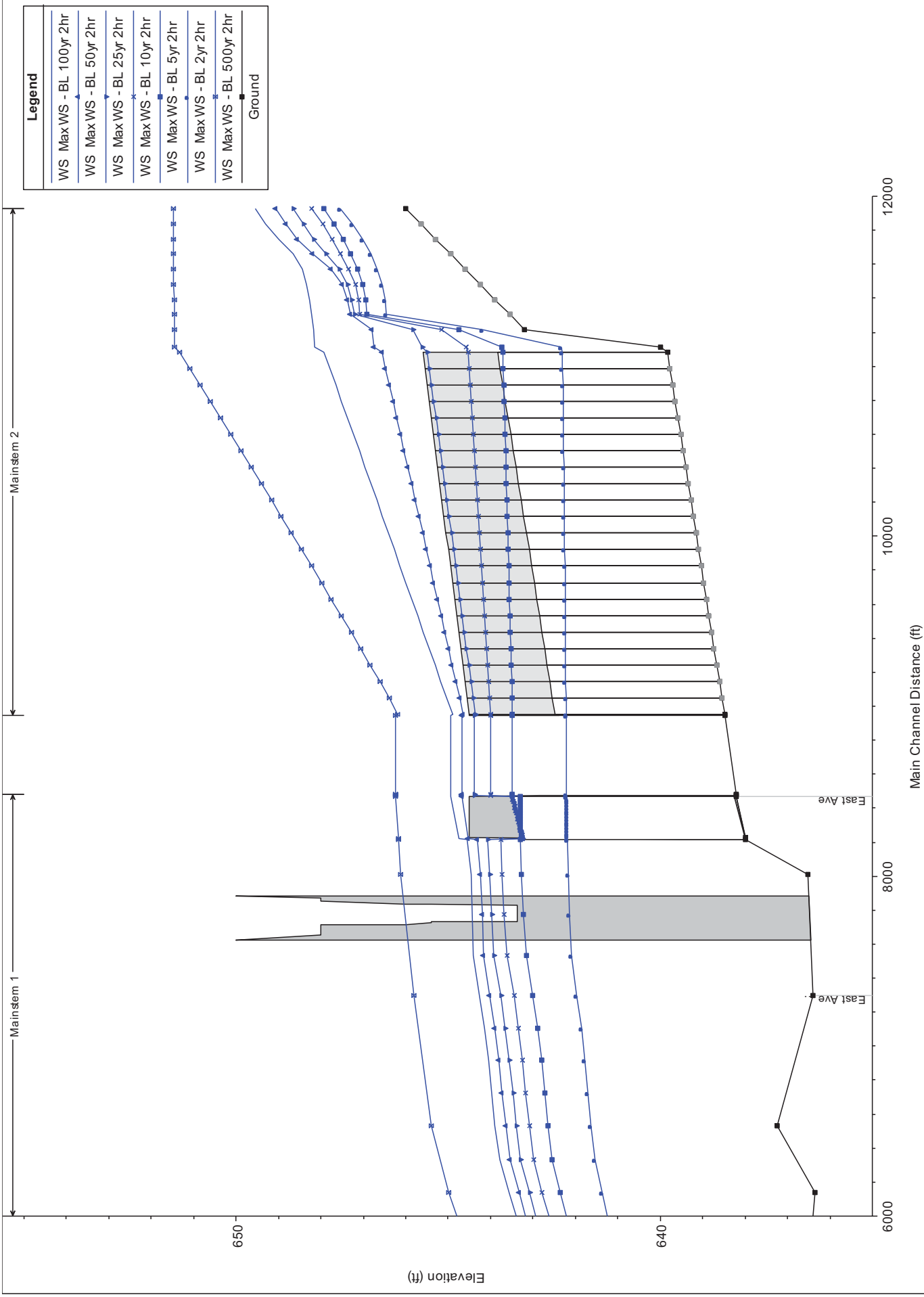


From 2500' upstream of 48" RCP at Brainard to upstream study limit north of Plainfield Road

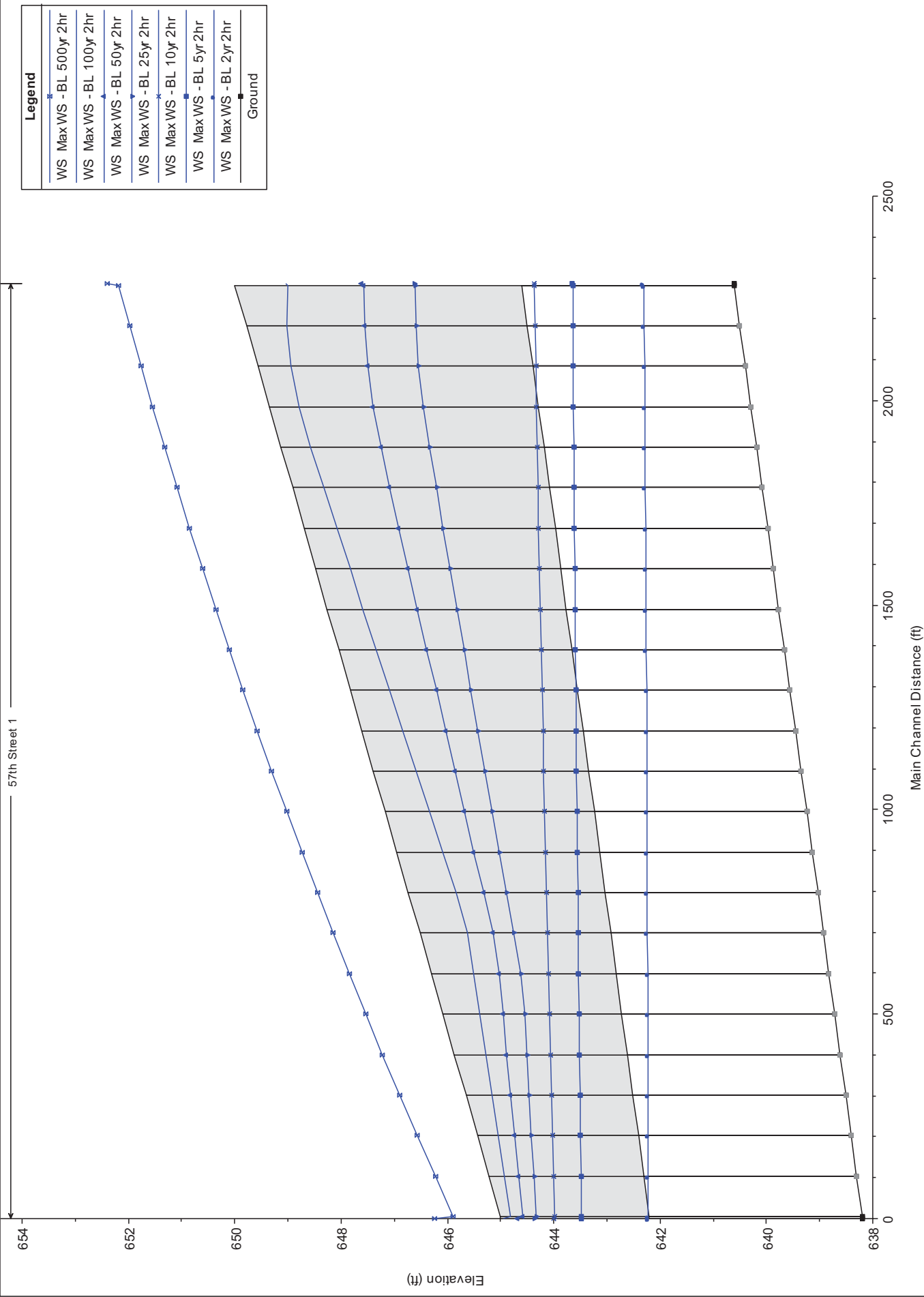
**East Avenue Ditch Subwatershed
Hydraulic Profiles for Existing Conditions**



East Avenue Ditch from Railroad Yard to 6,000 feet upstream

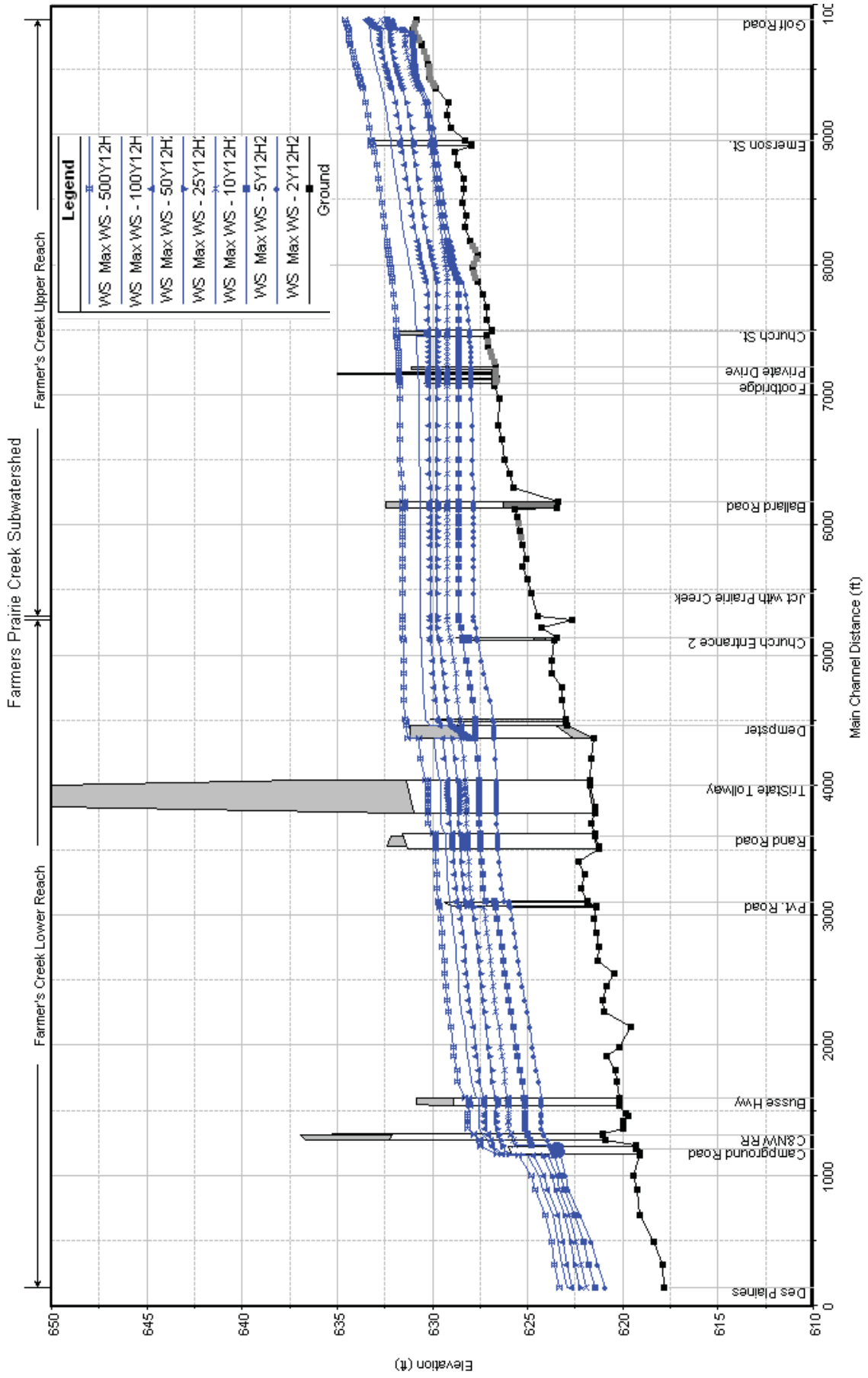


East Avenue Ditch from 6,000 feet upstream of Railroad Yard to LaGrange Road

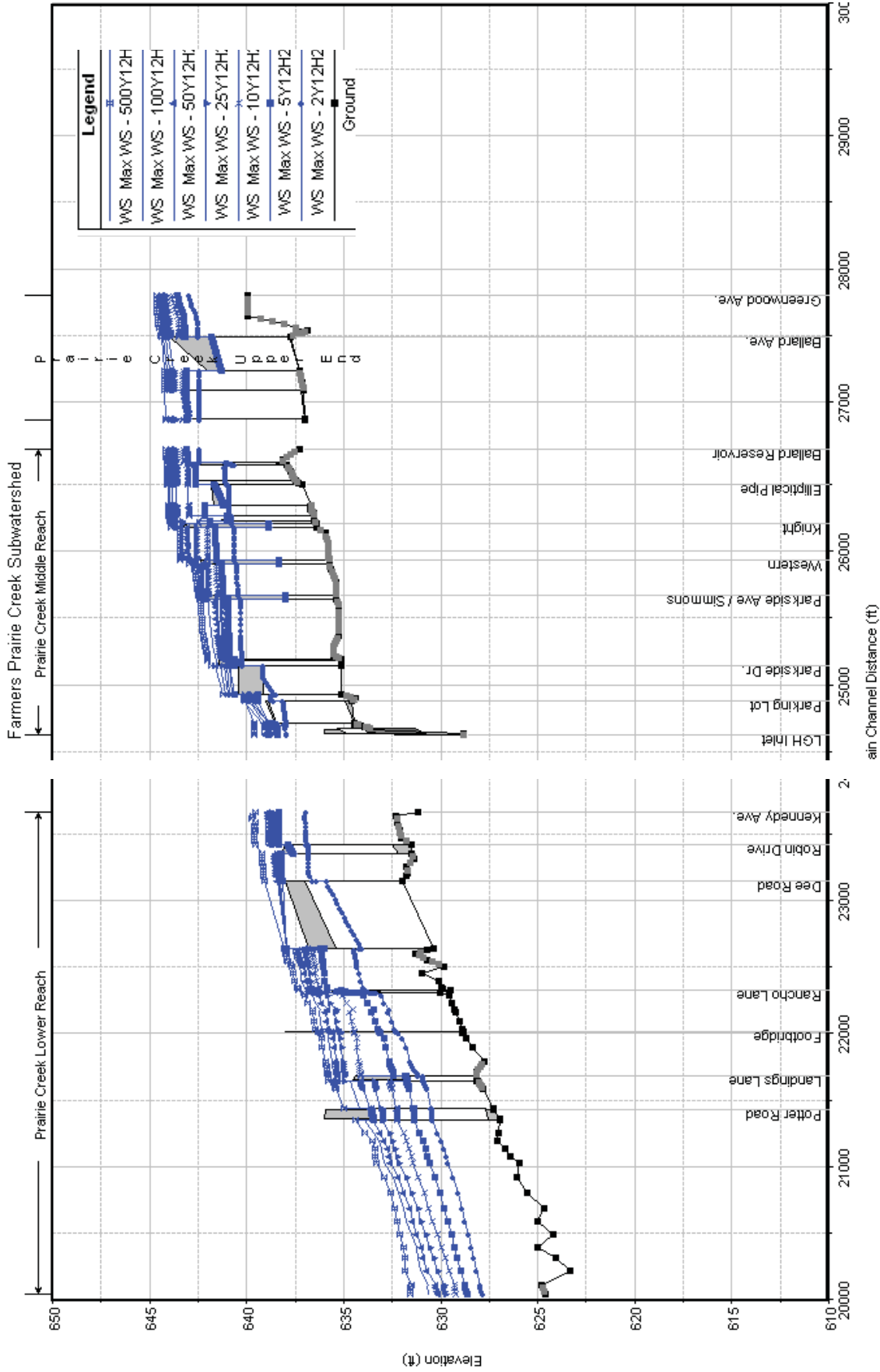


57th Street Ditch from East Ave. Ditch to downstream of LaGrange Road

**Farmers Prairie Creek Subwatershed
Hydraulic Profiles for Existing Conditions**

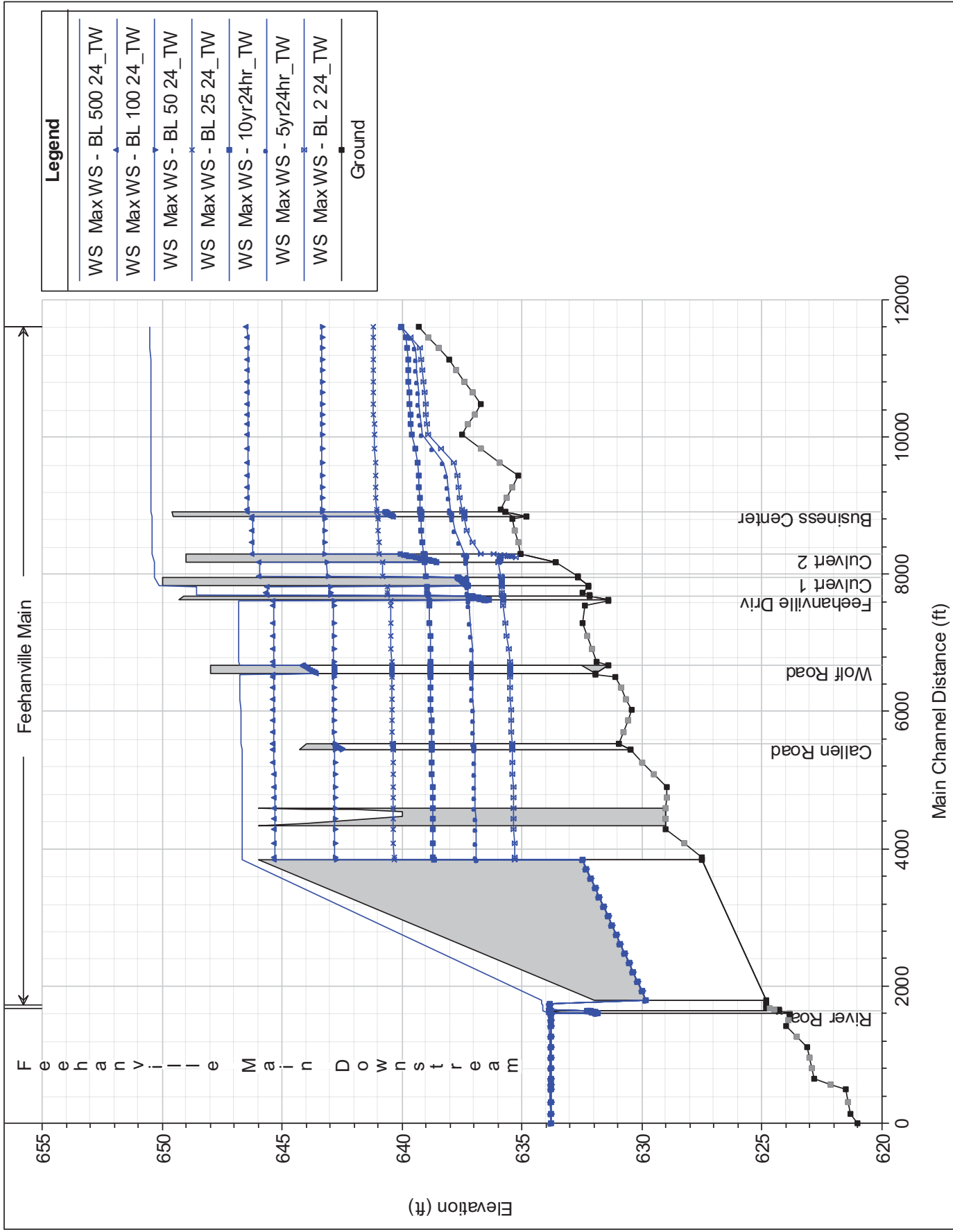


Farmers Creek from Des Plaines River to Golf Road



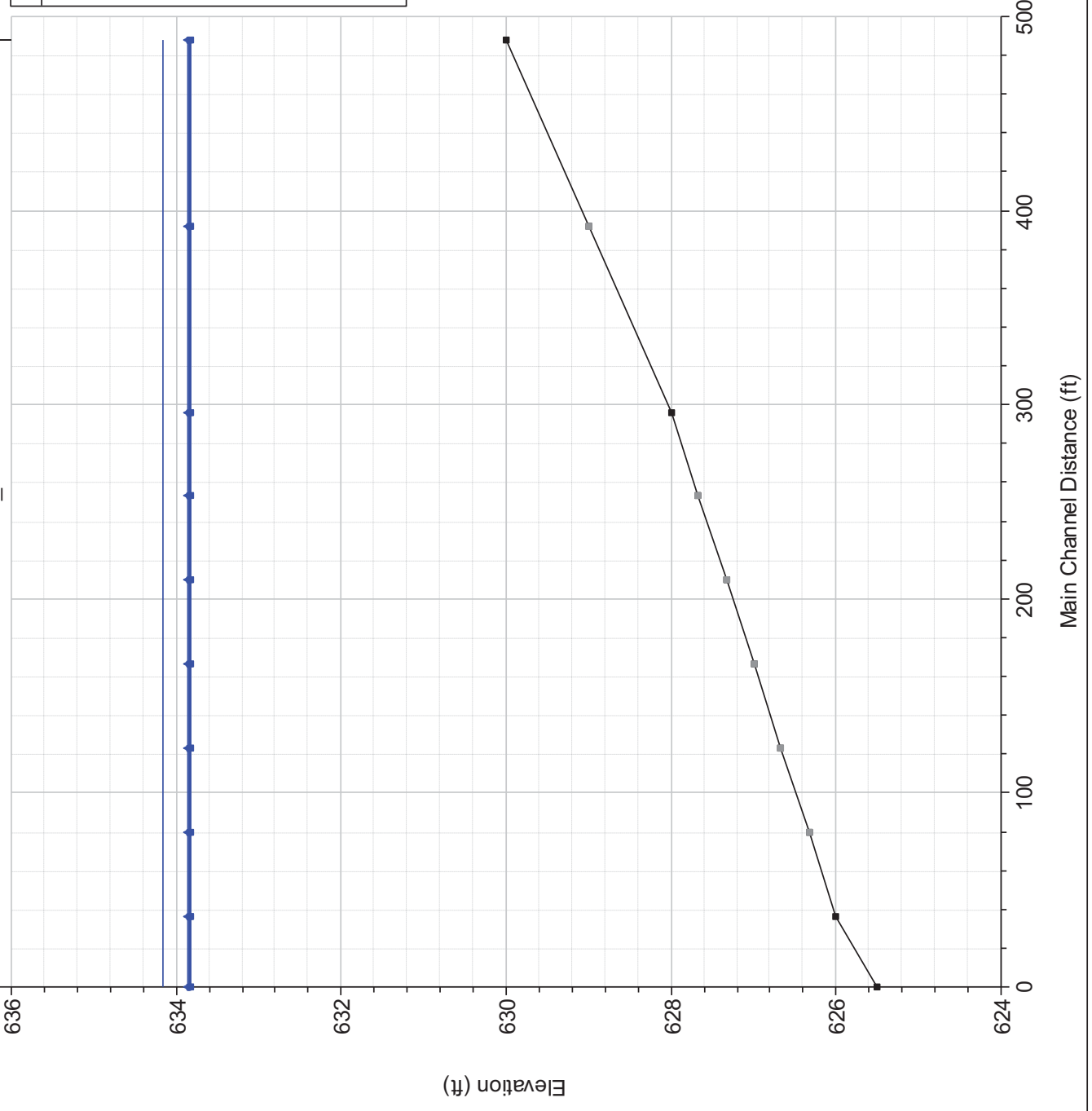
Prairie Creek from Farmers Creek to Greenwood Ave

**Feehanville Ditch Subwatershed
Hydraulic Profiles for Existing Conditions**



Feehanville Ditch from confluence with Des Plaines River to upstream study limit east of Feehanville Road

Feehanville_Old Old

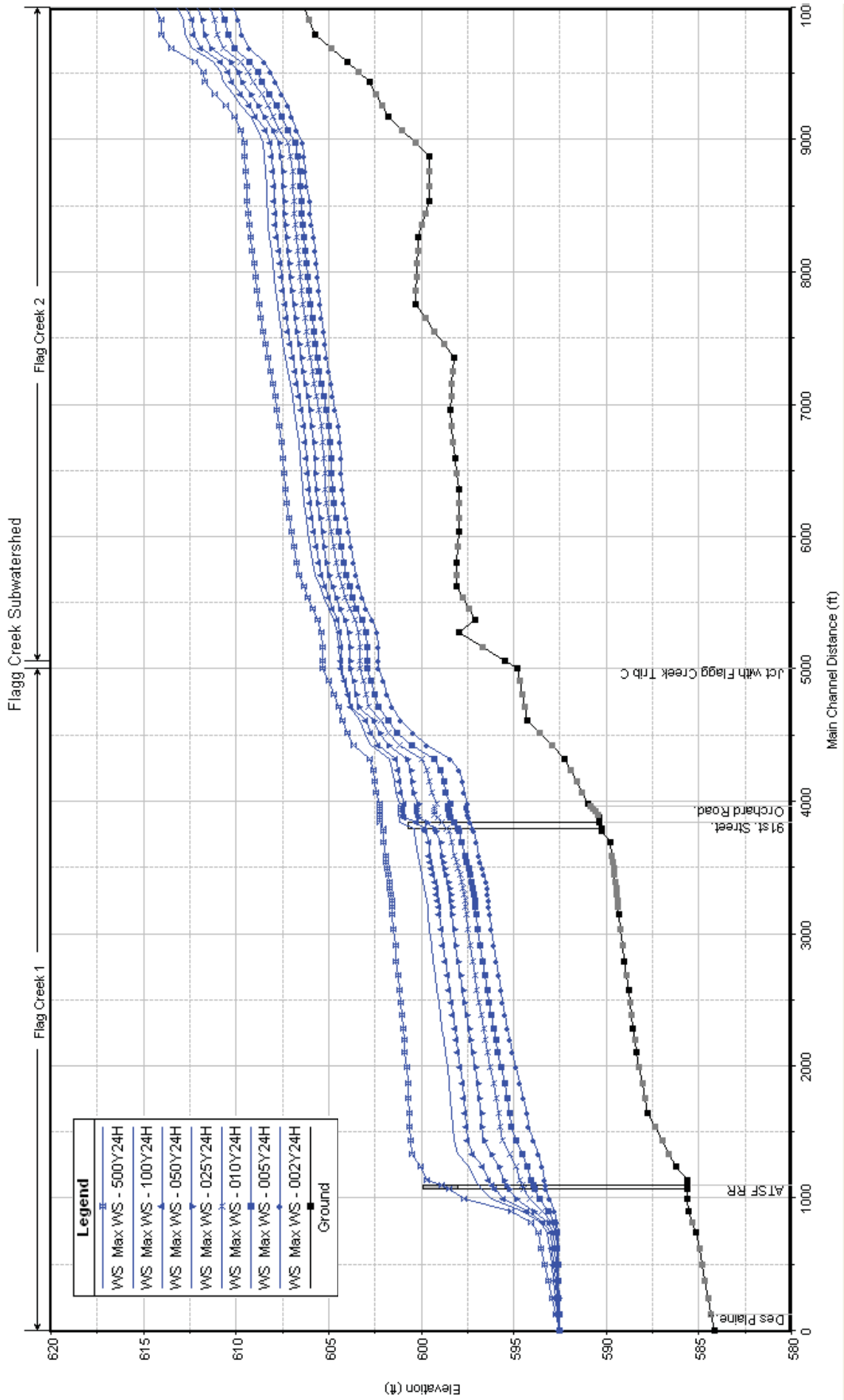


Legend

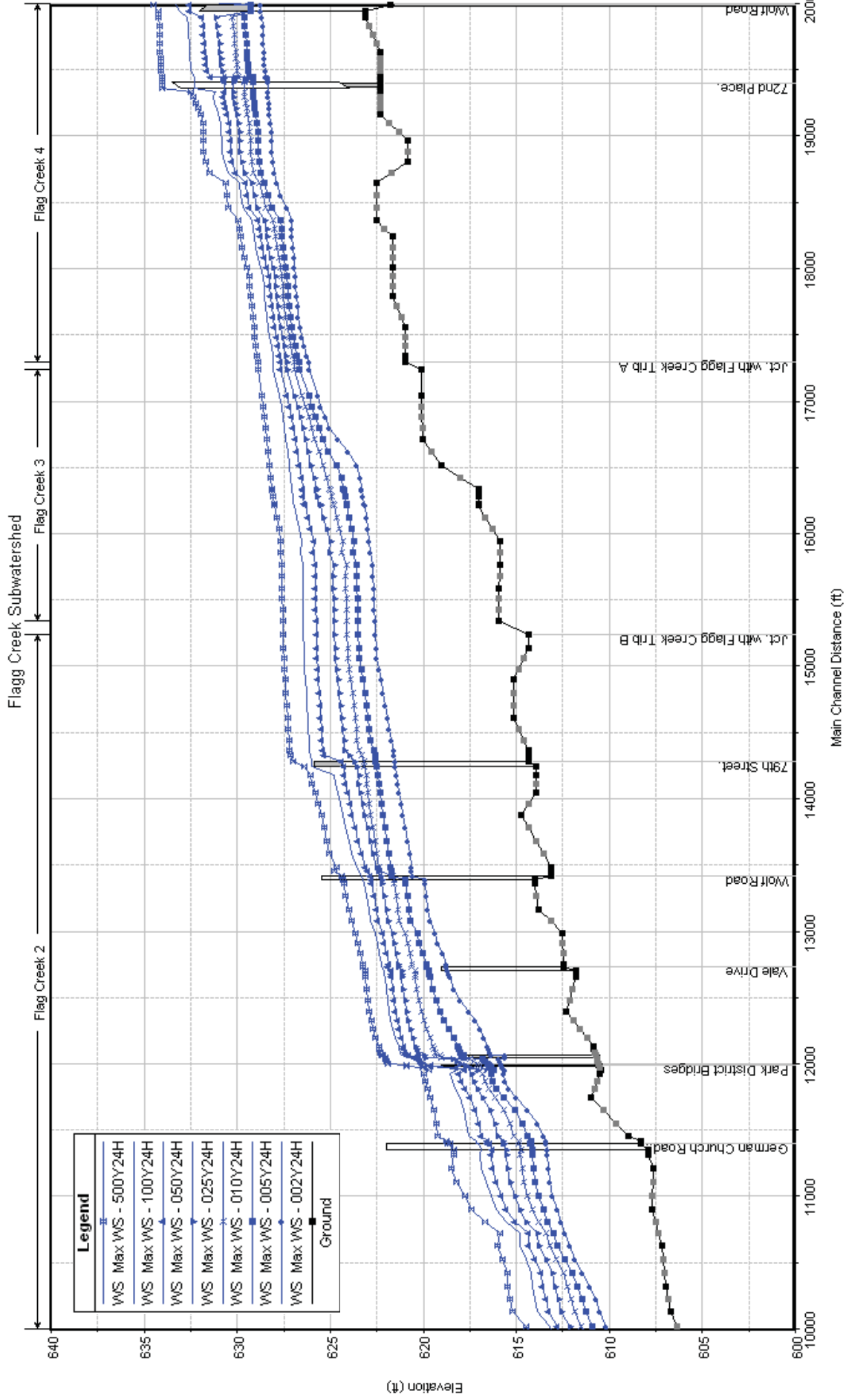
- WS Max WS - BL 500 24_TW
- WS Max WS - BL 100 24_TW
- WS Max WS - BL 50 24_TW
- WS Max WS - BL 25 24_TW
- WS Max WS - 10yr24hr_TW
- WS Max WS - 5yr24hr_TW
- WS Max WS - BL 2 24_TW
- Ground

Feehanville Ditch Old Channel from River Road to upstream study limit east of Lee Street

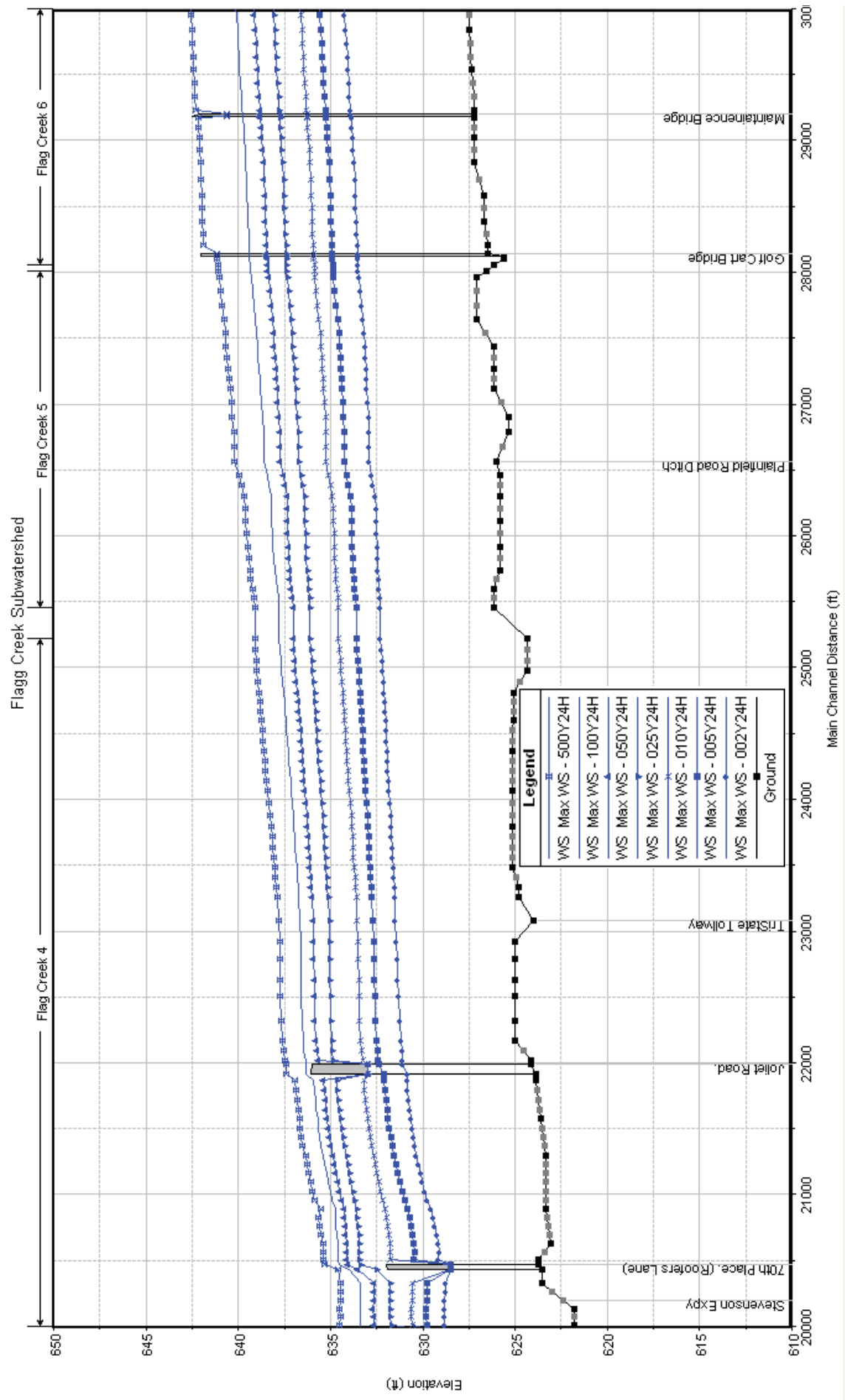
**Flagg Creek Subwatershed
Hydraulic Profiles for Existing Conditions**



Flag Creek Mainstem from confluence with the Des Plaines River to Station 10000

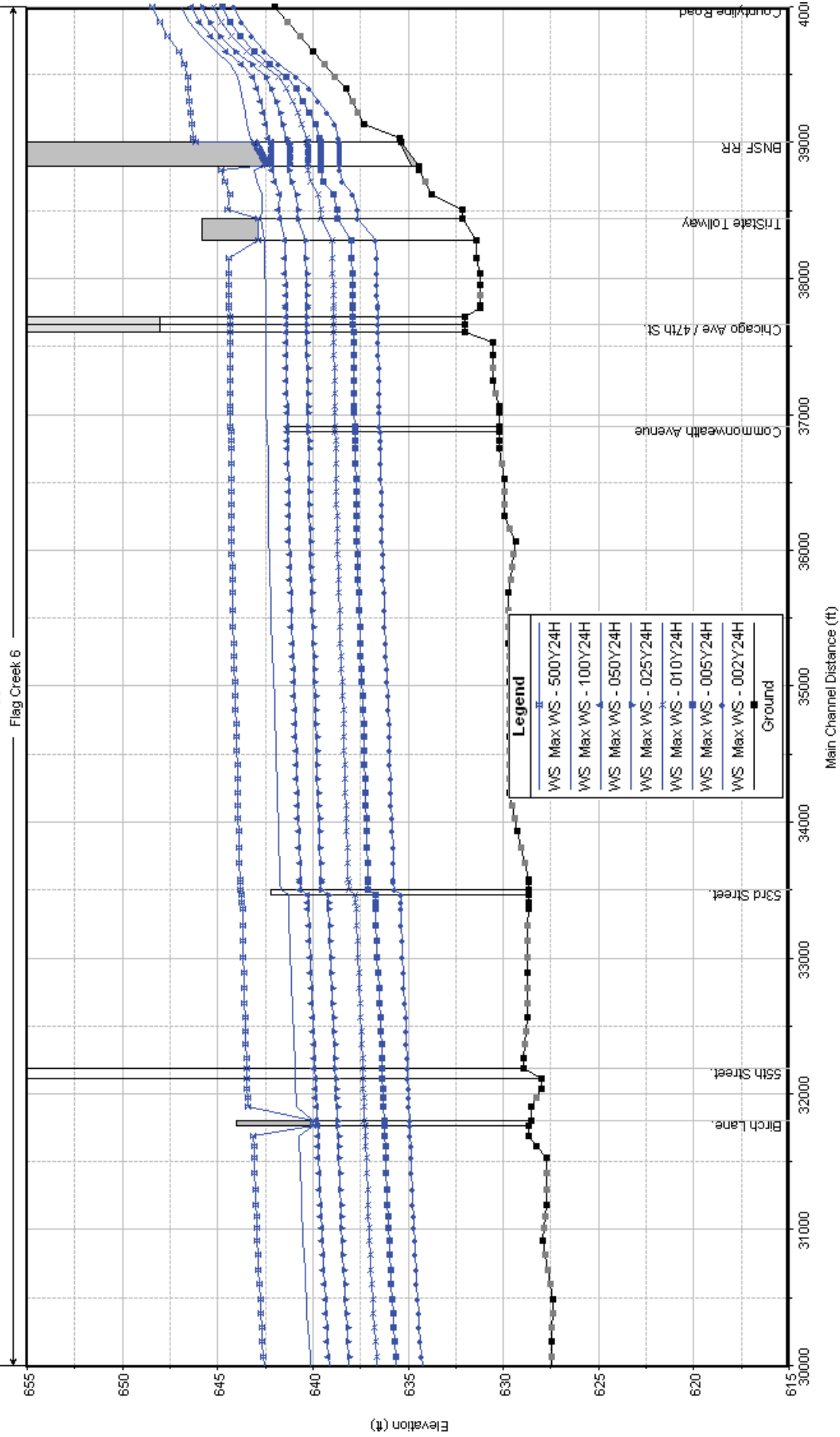


Flag Creek Mainstem from Station 10000 to Station 20000

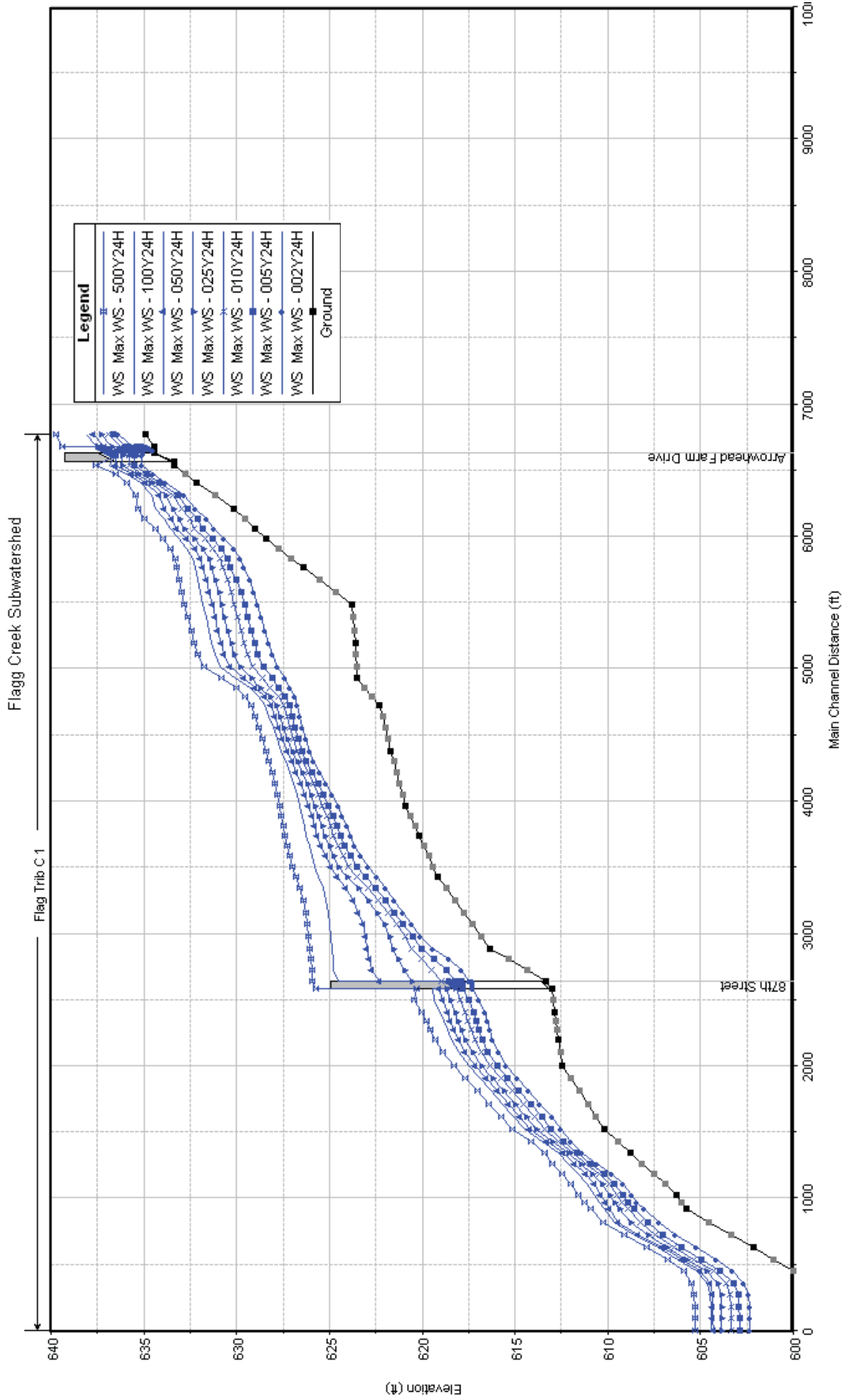


Flag Creek Mainstem from Station 20000 to Station 30000

Flagg Creek Subwatershed

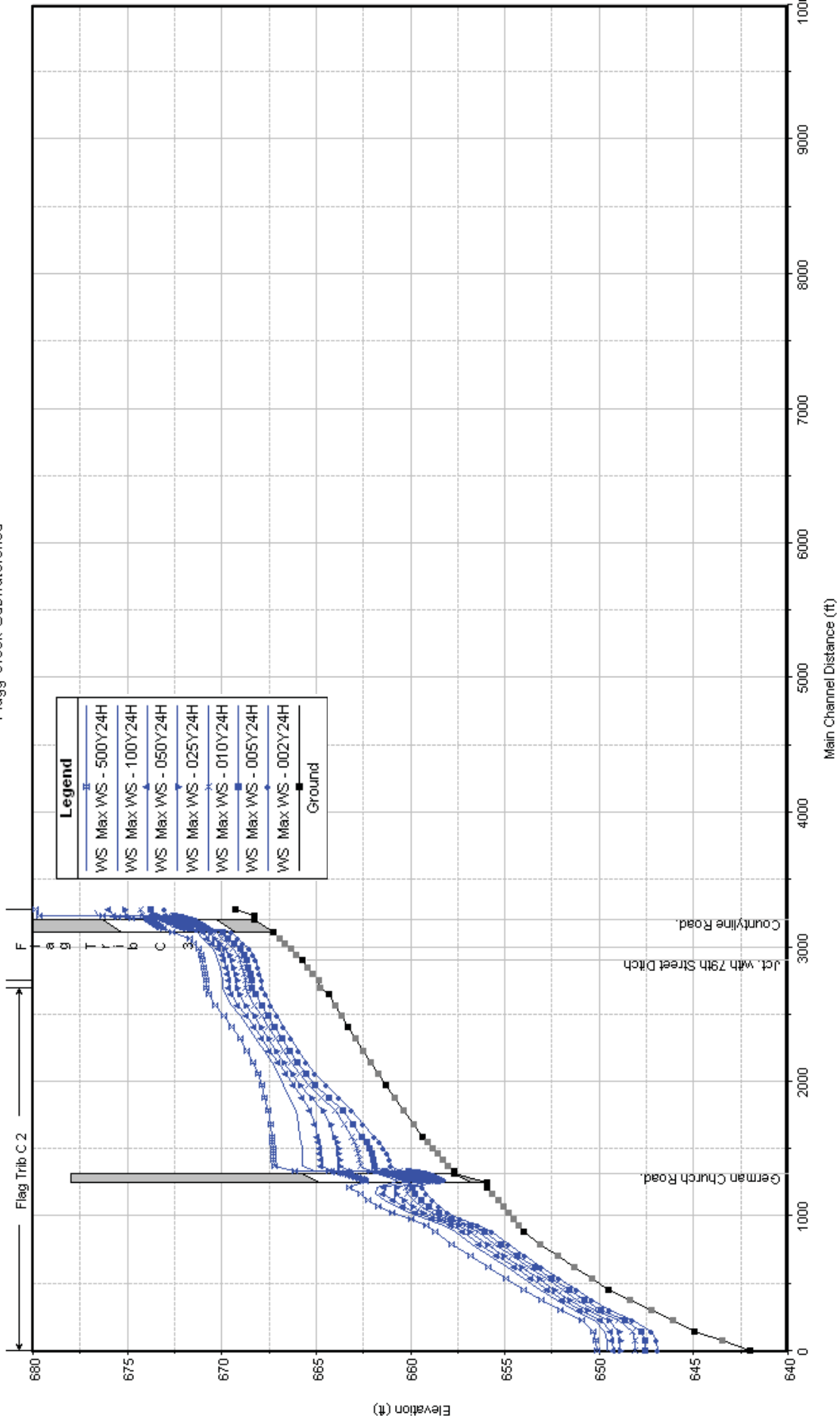


Flagg Creek Mainstem from Station 30000 to Station 40019 (County Line Road)



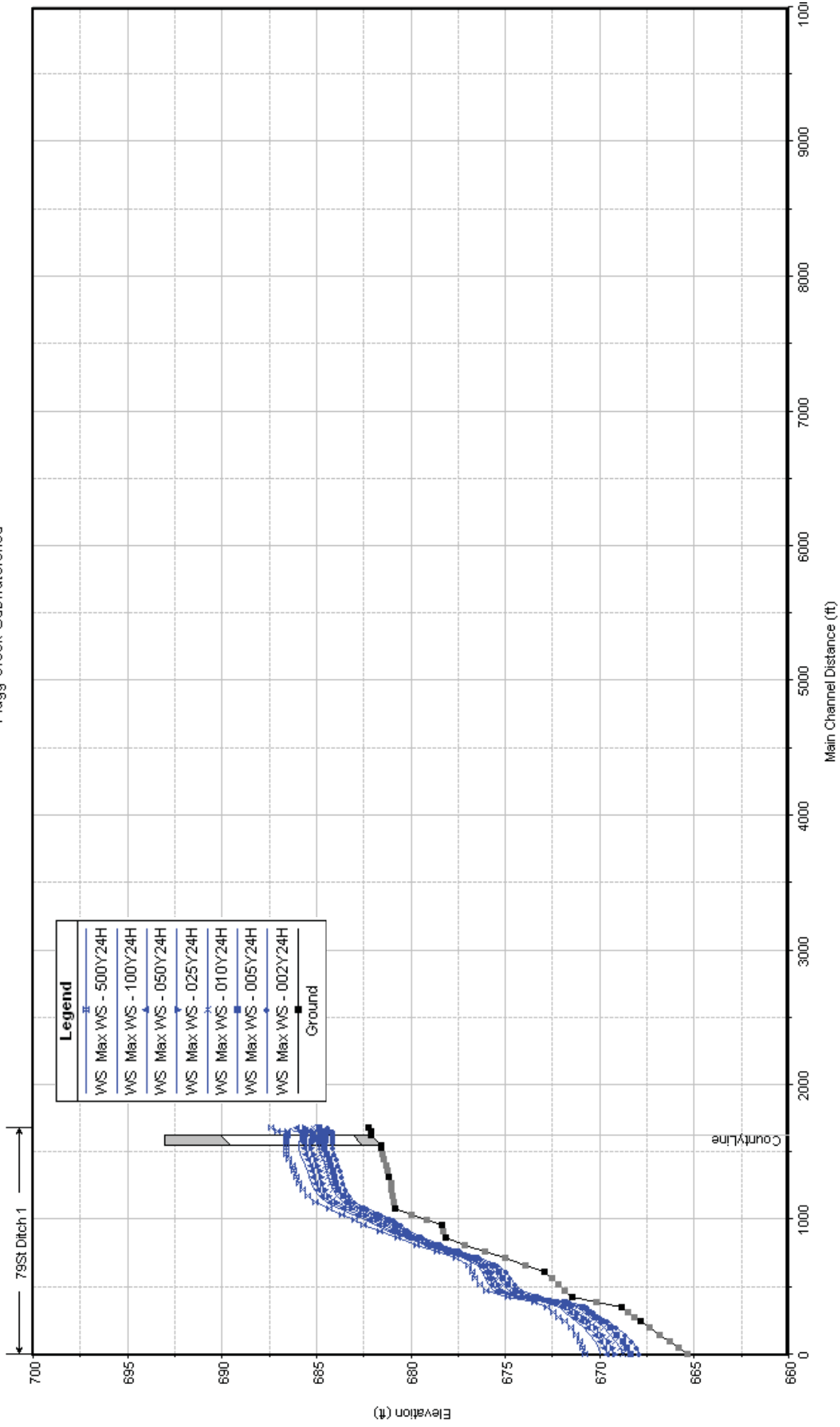
Flagg Creek Tributary C from Flagg Creek Mainstem to pond at Arrowhead Farm Drive

Flagg Creek Subwatershed

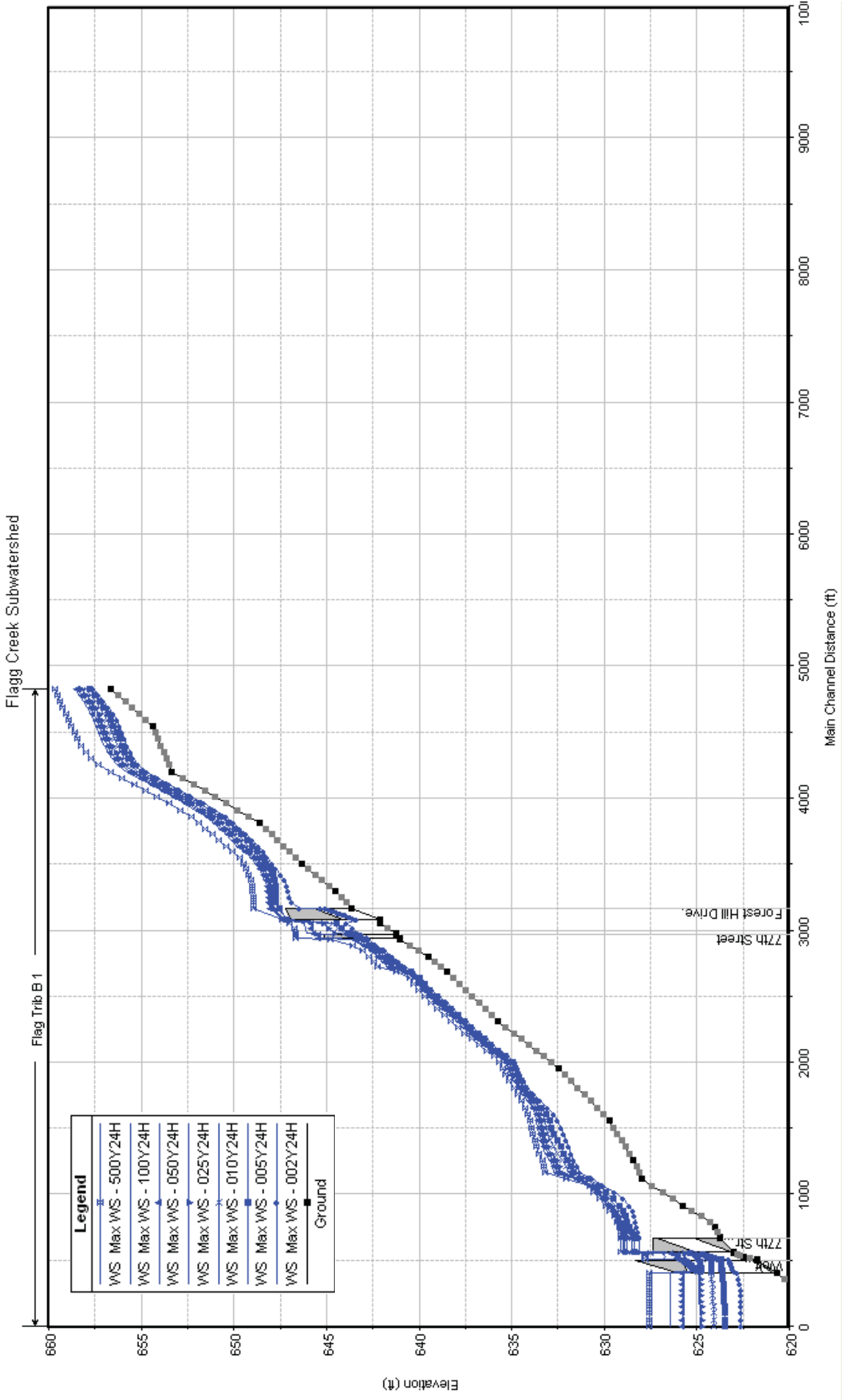


Flagg Creek Tributary C from pond at Arrowhead Farm Drive to Countyline Road

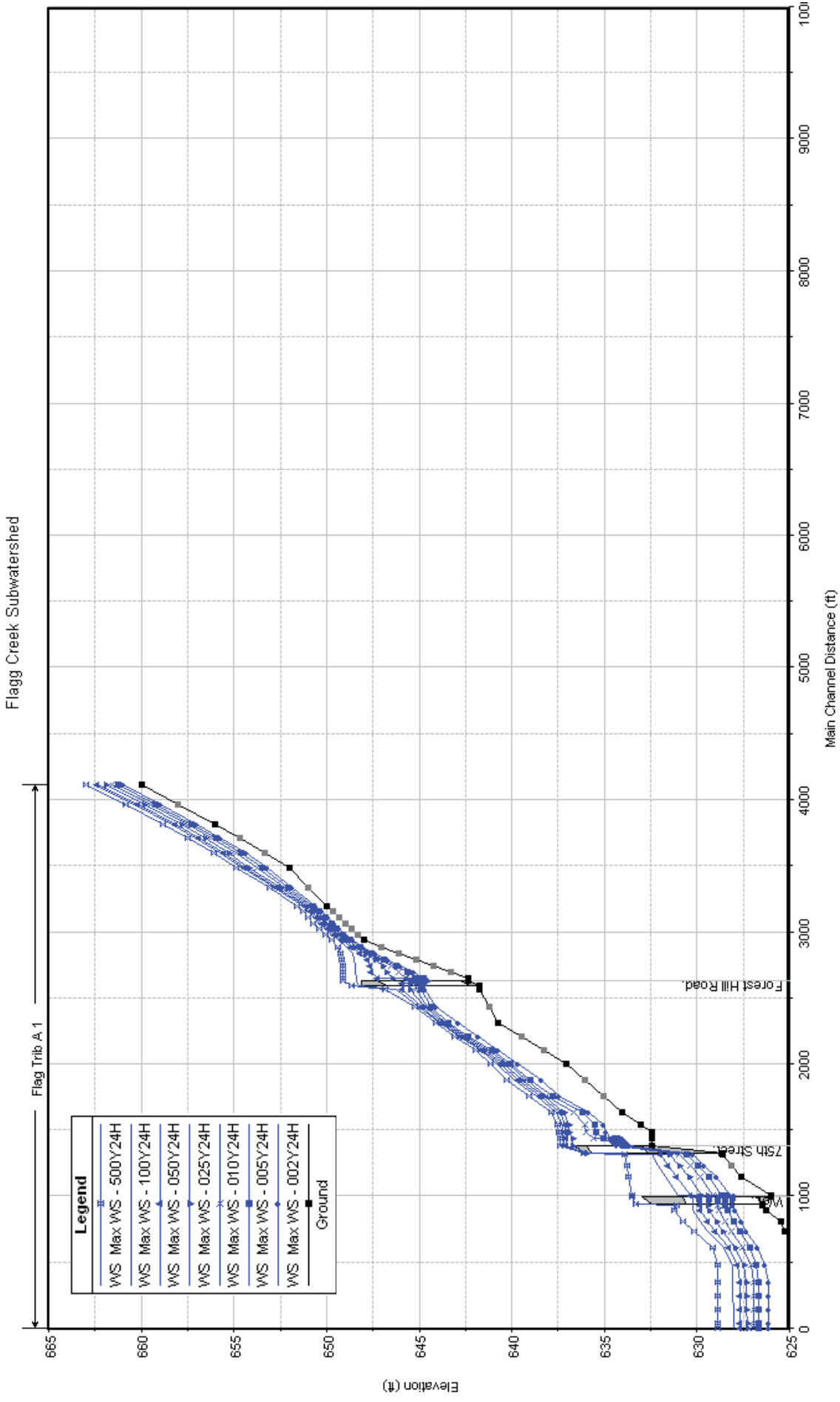
Flagg Creek Subwatershed



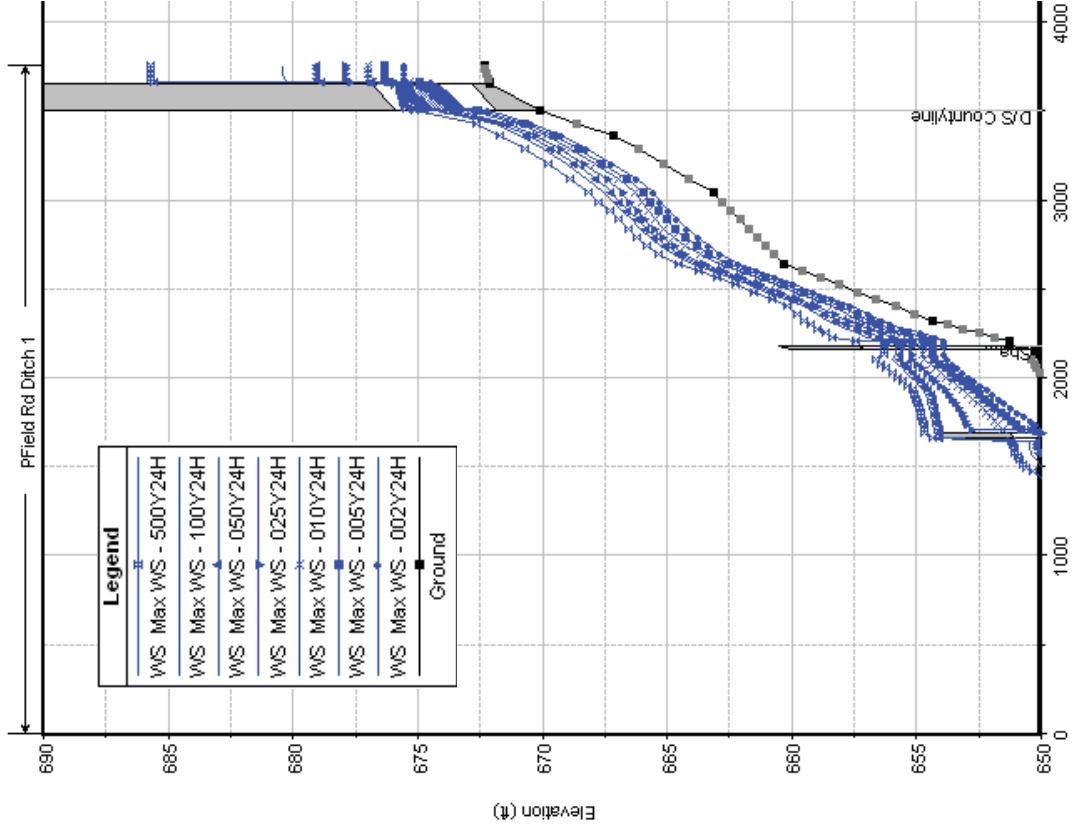
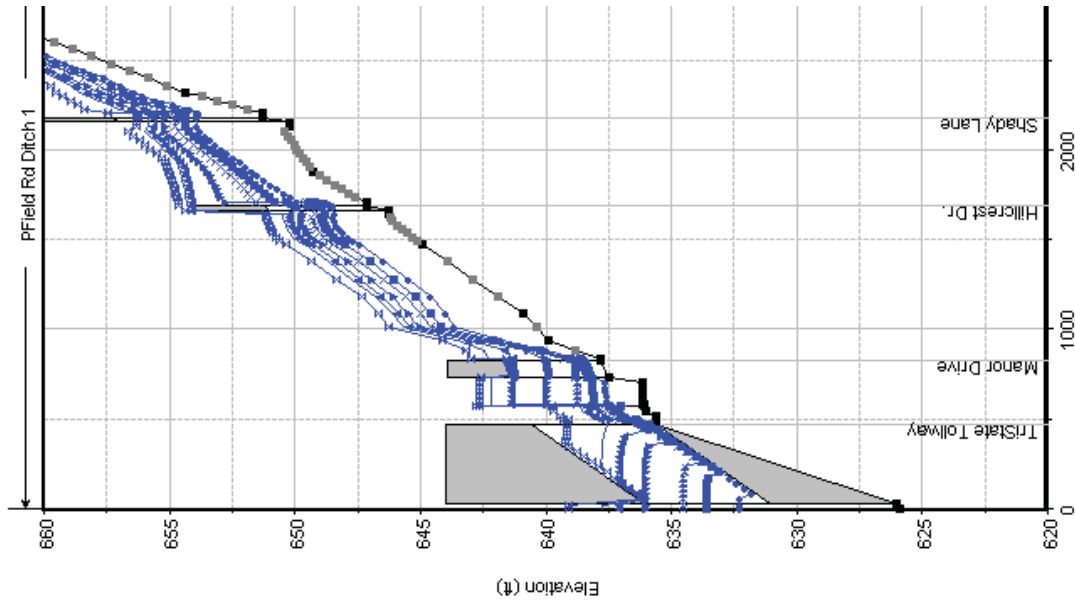
79th Street Ditch from Flagg Creek Tributary C to Countyline Road



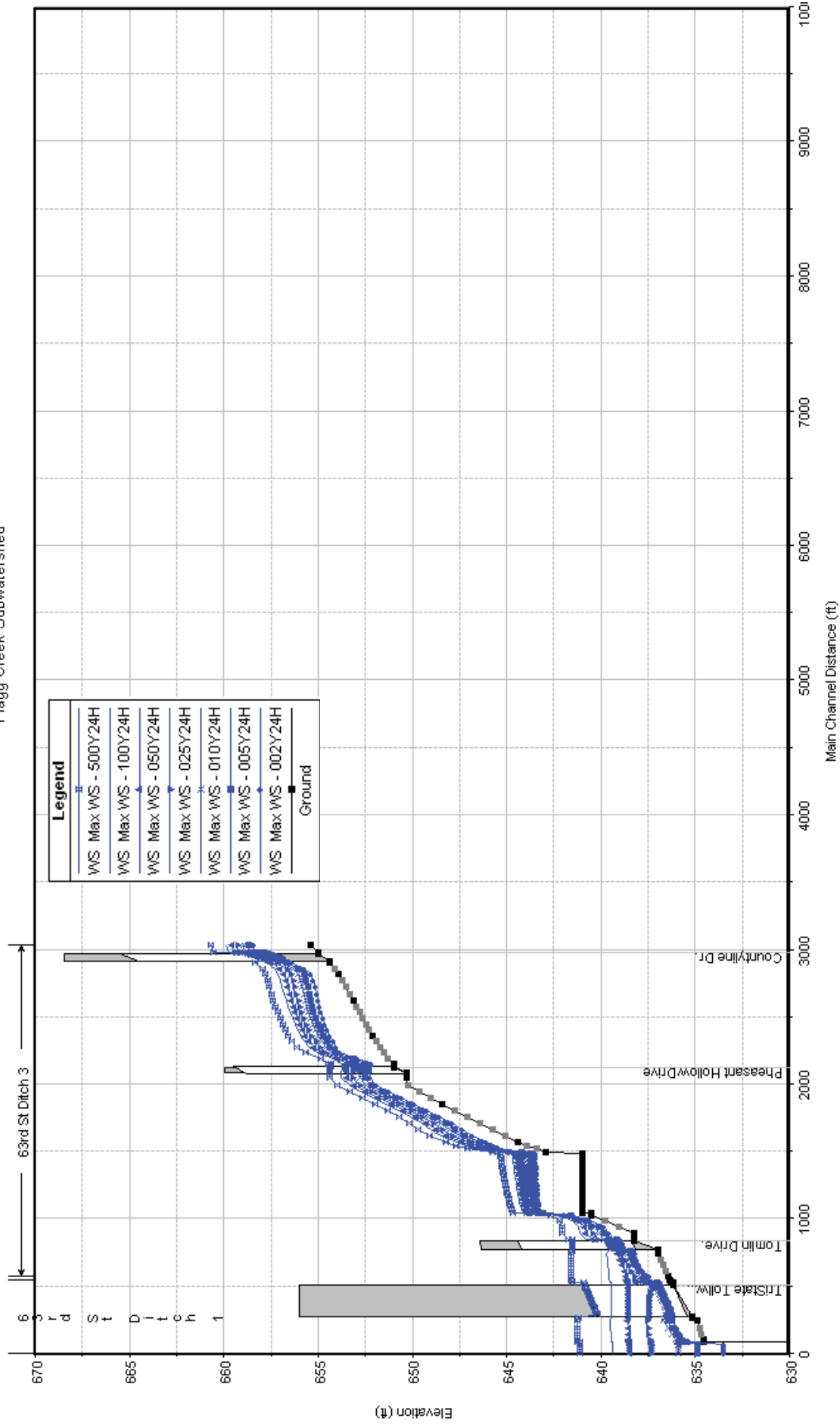
Flag Creek Tributary B from Flag Creek Mainstem to Burr Ridge Village Center



Flagg Creek Tributary A from Flagg Creek Mainstem to Burr Ridge Village Center

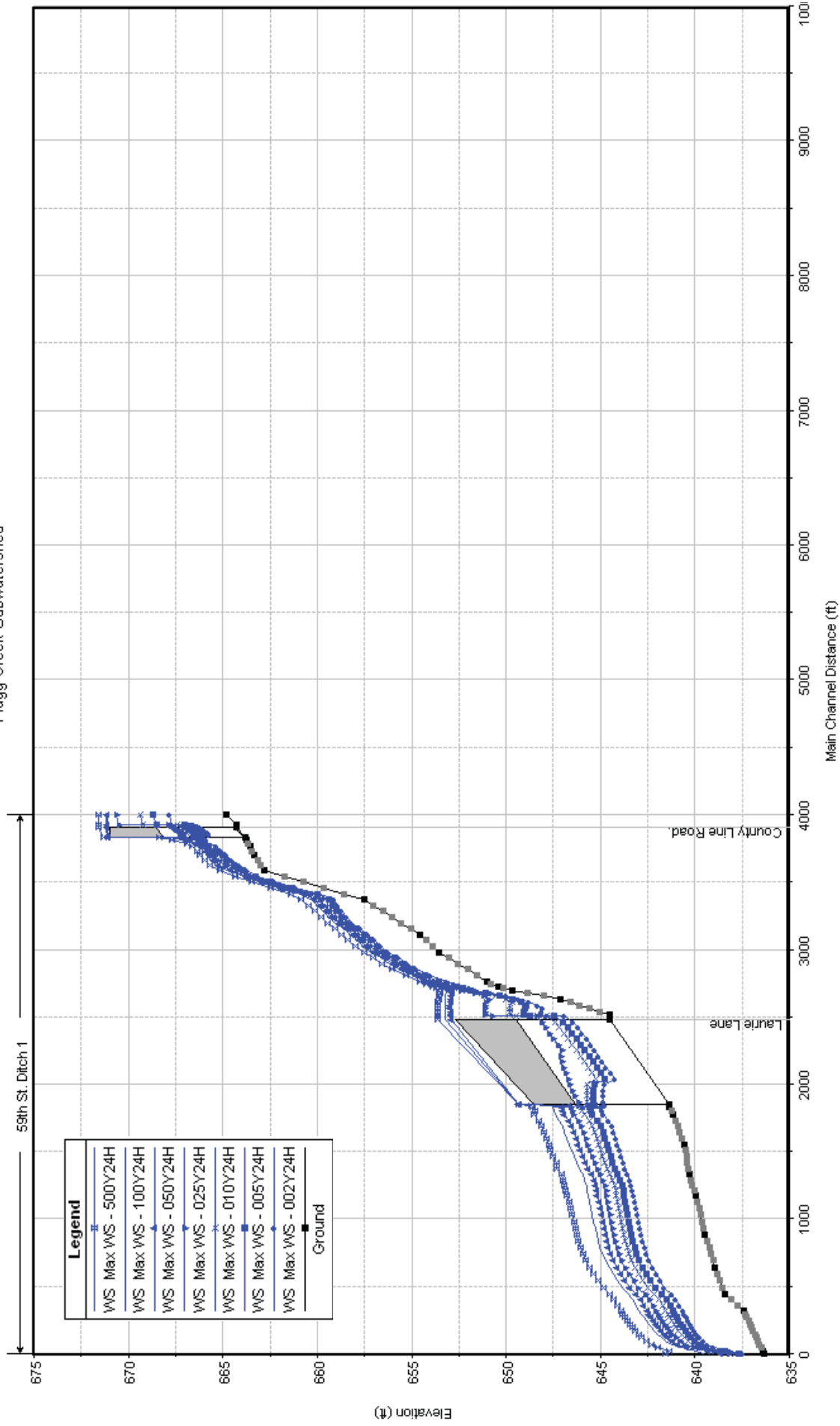


Plainfield Road Ditch from Flagg Creek Mainstem to Countyline Road



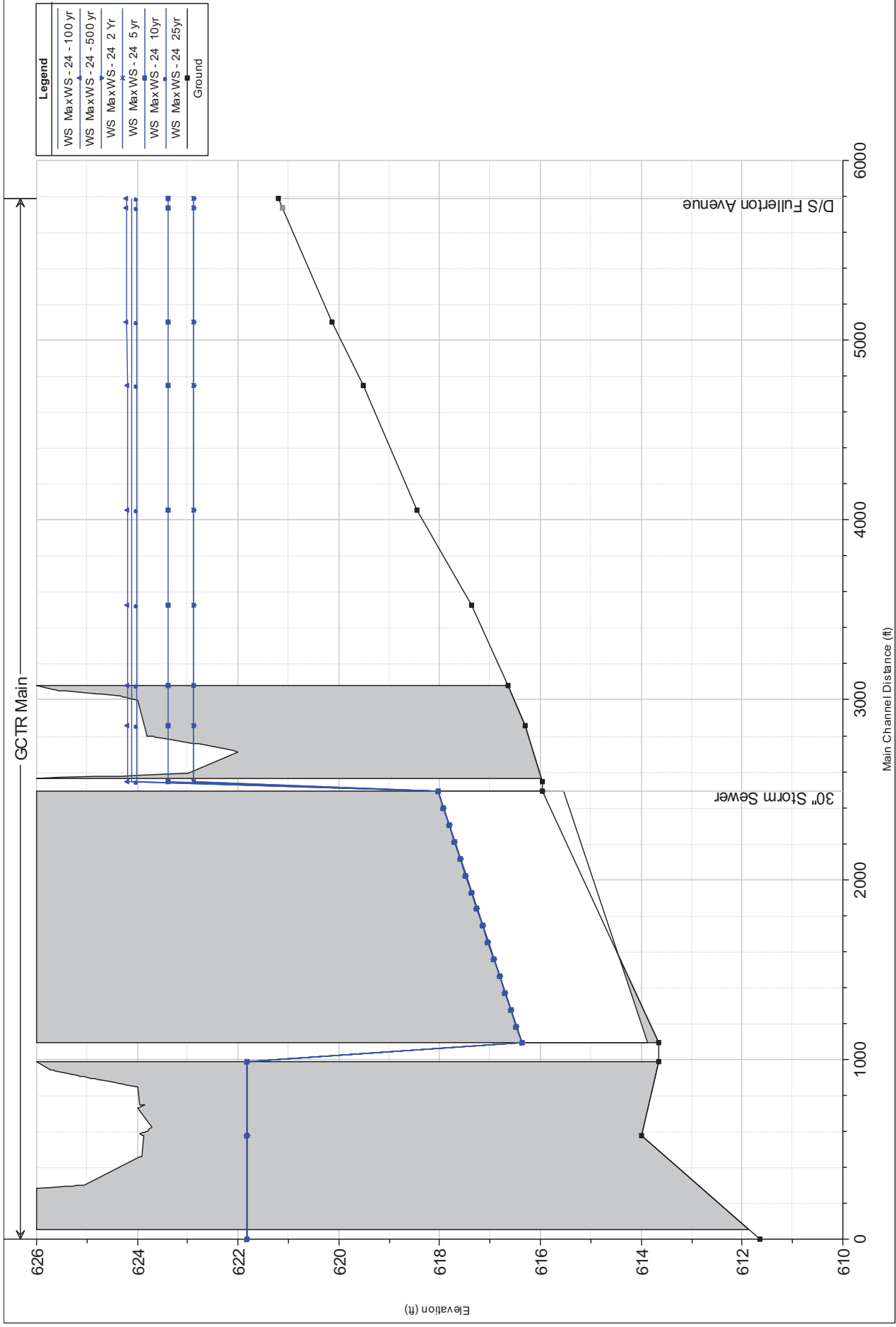
63rd Street Ditch from Flagg Creek Mainstem to Countyline Road

Flagg Creek Subwatershed



59th Street Ditch from 63rd Street Ditch to Countyline Road

**Golf Course Tributary Subwatershed
Hydraulic Profiles for Existing Conditions**



Golf Course Tributary A from confluence with Des Plaines River to upstream study limit south of Fullerton Avenue

**McDonald Creek Subwatershed
Hydraulic Profiles for Existing Conditions**

McDonaldCreek

McDonald 1

Legend	
WS MaxWS - 2YR,24HR	▲
WS MaxWS - 5YR,24HR	●
WS MaxWS - 10YR,24HR	×
WS MaxWS - 25YR,24HR	■
WS MaxWS - 500YR,24HR	◆
WS MaxWS - 50YR,24HR	▲
WS MaxWS - 100YR,24HR	■
Ground	—

Elevation (ft)

Main Channel Distance (ft)

10000

8000

6000

4000

2000

0

River Road

Foundry Road

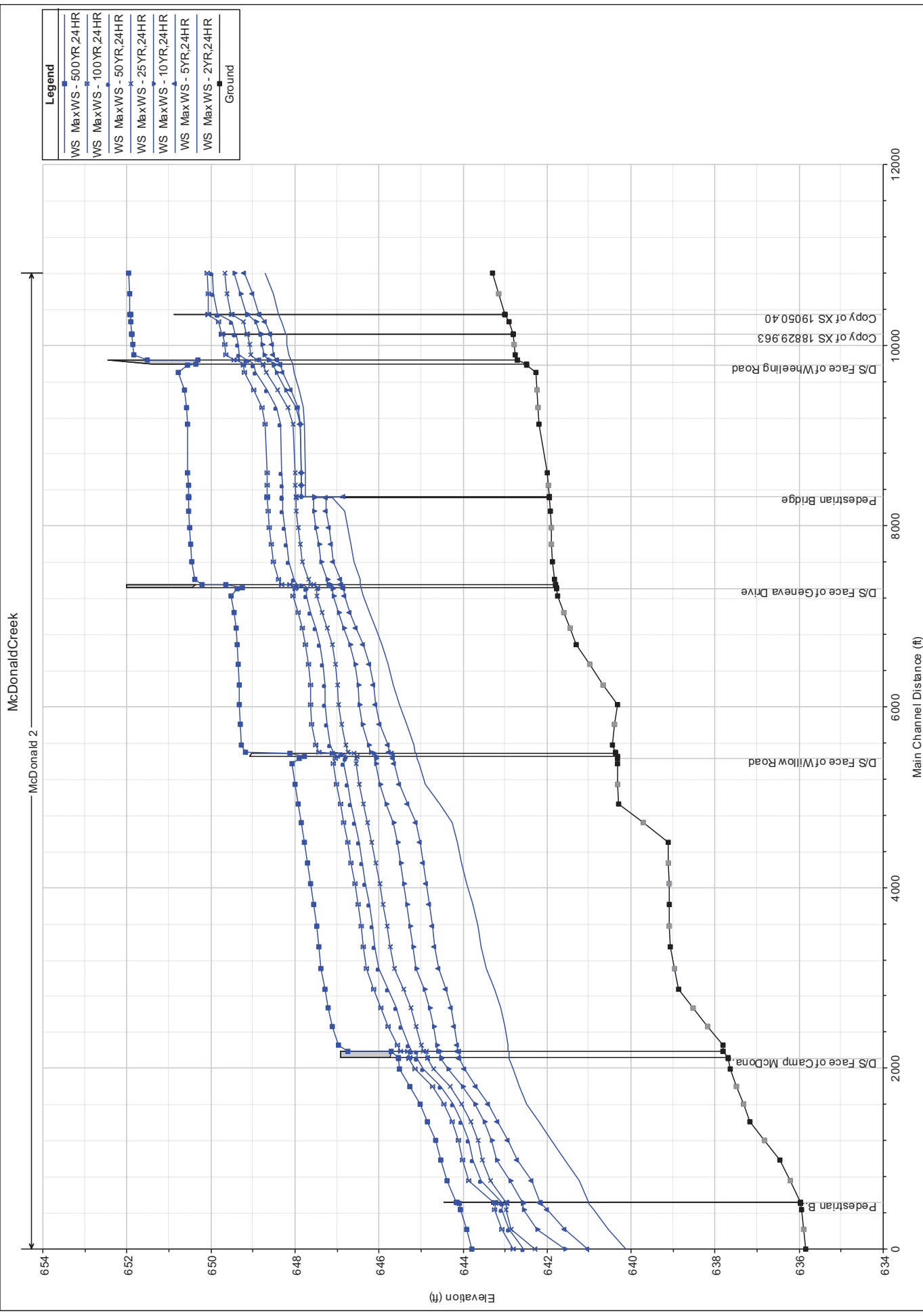
Burning Bush Lane

Railroad Tracks

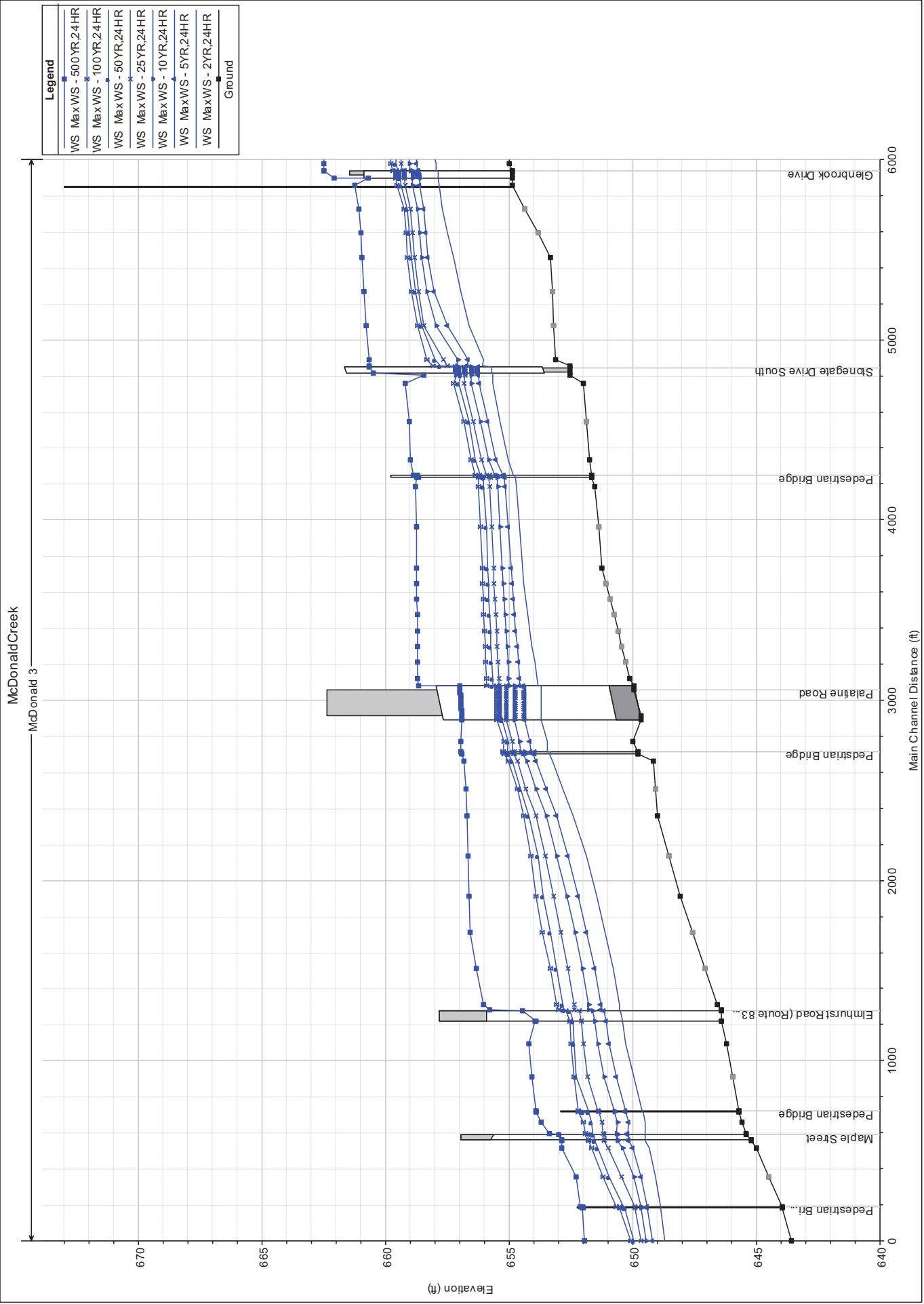
Euclid Avenue/Wolf Road

Pedestrian Bridge

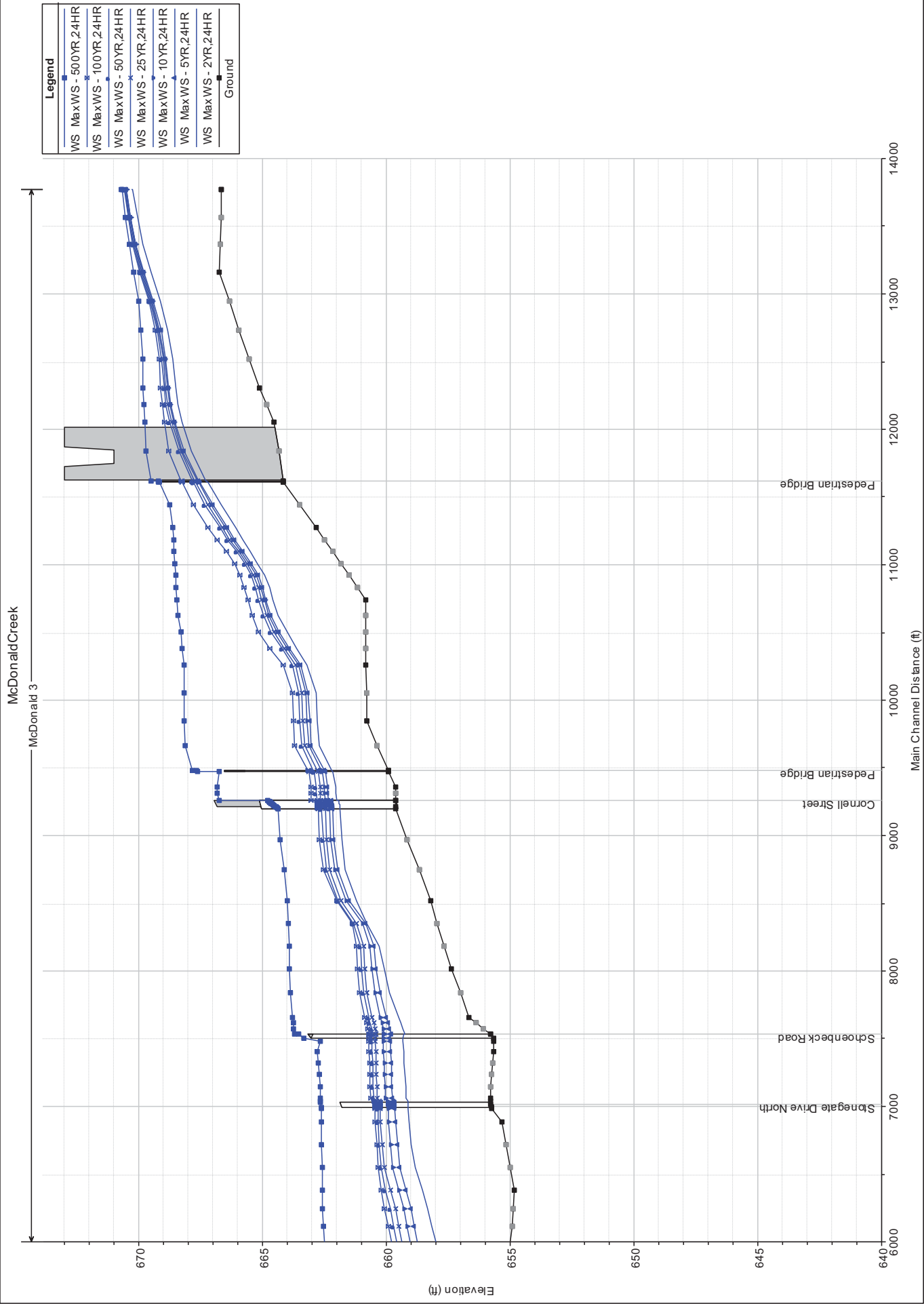
McDonald Creek from confluence with Des Plaines River to confluence with Tributary B



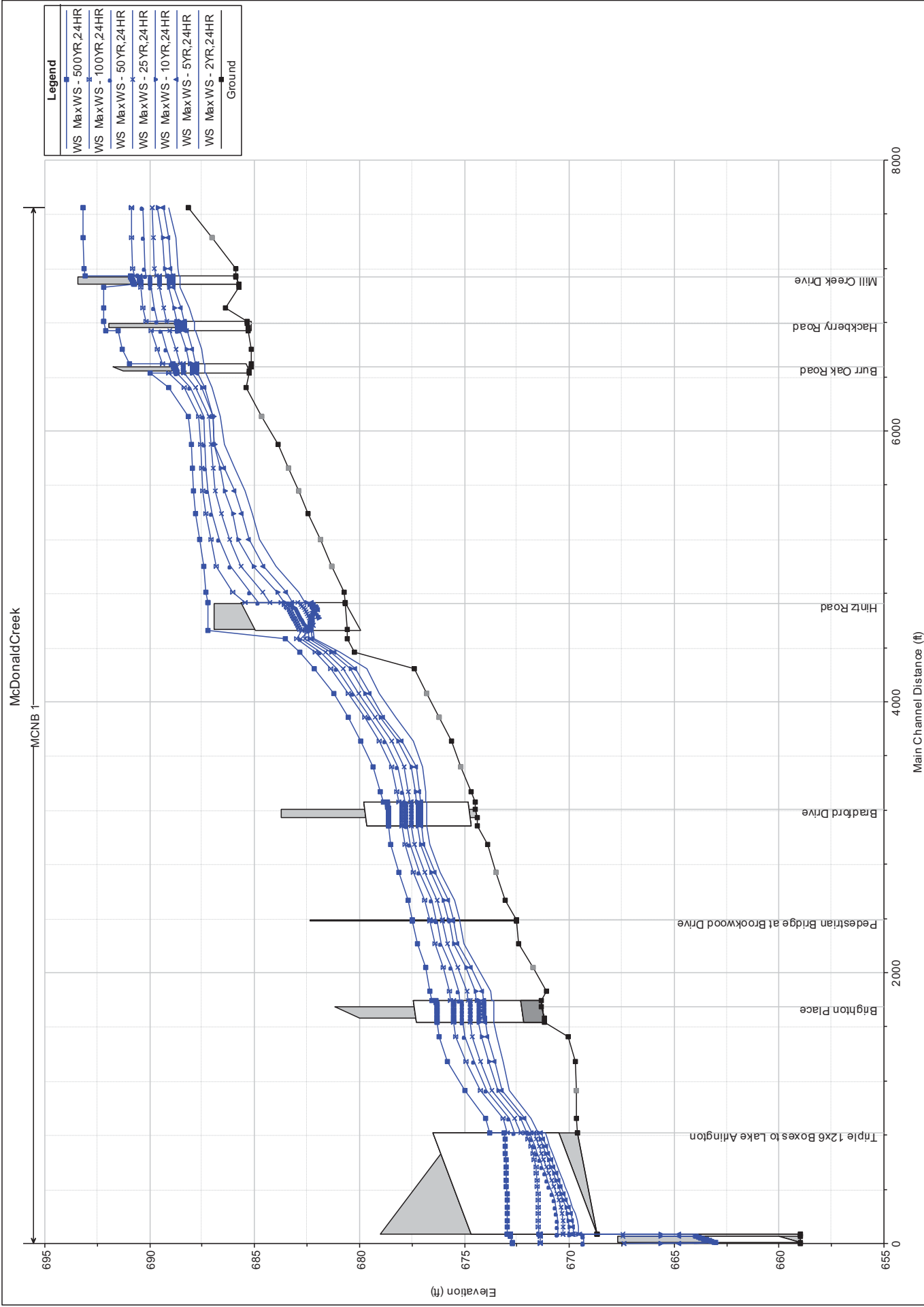
McDonald Creek from confluence with Tributary B to confluence with Tributary A



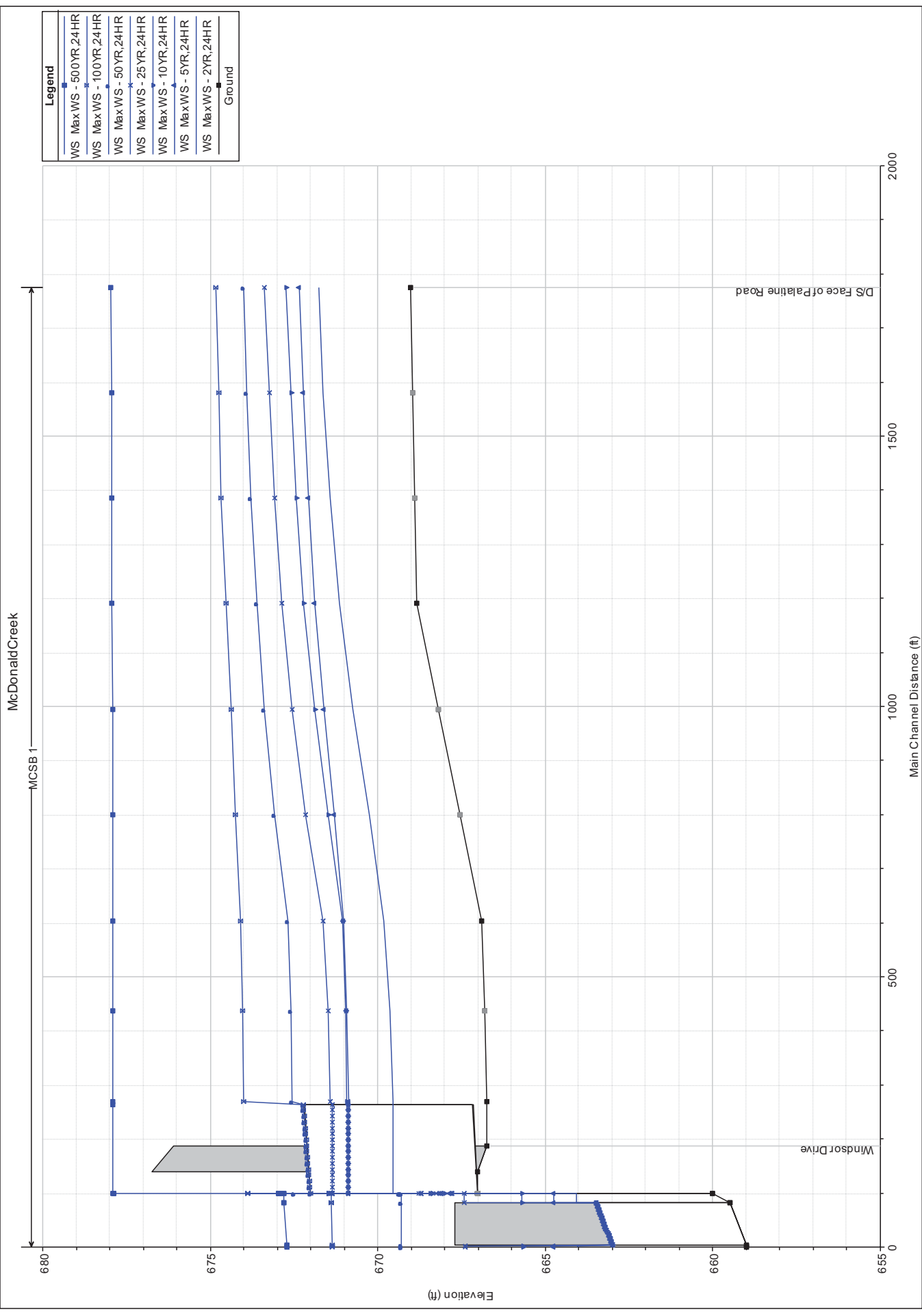
McDonald Creek from confluence with Tributary A to Glenbrook Drive



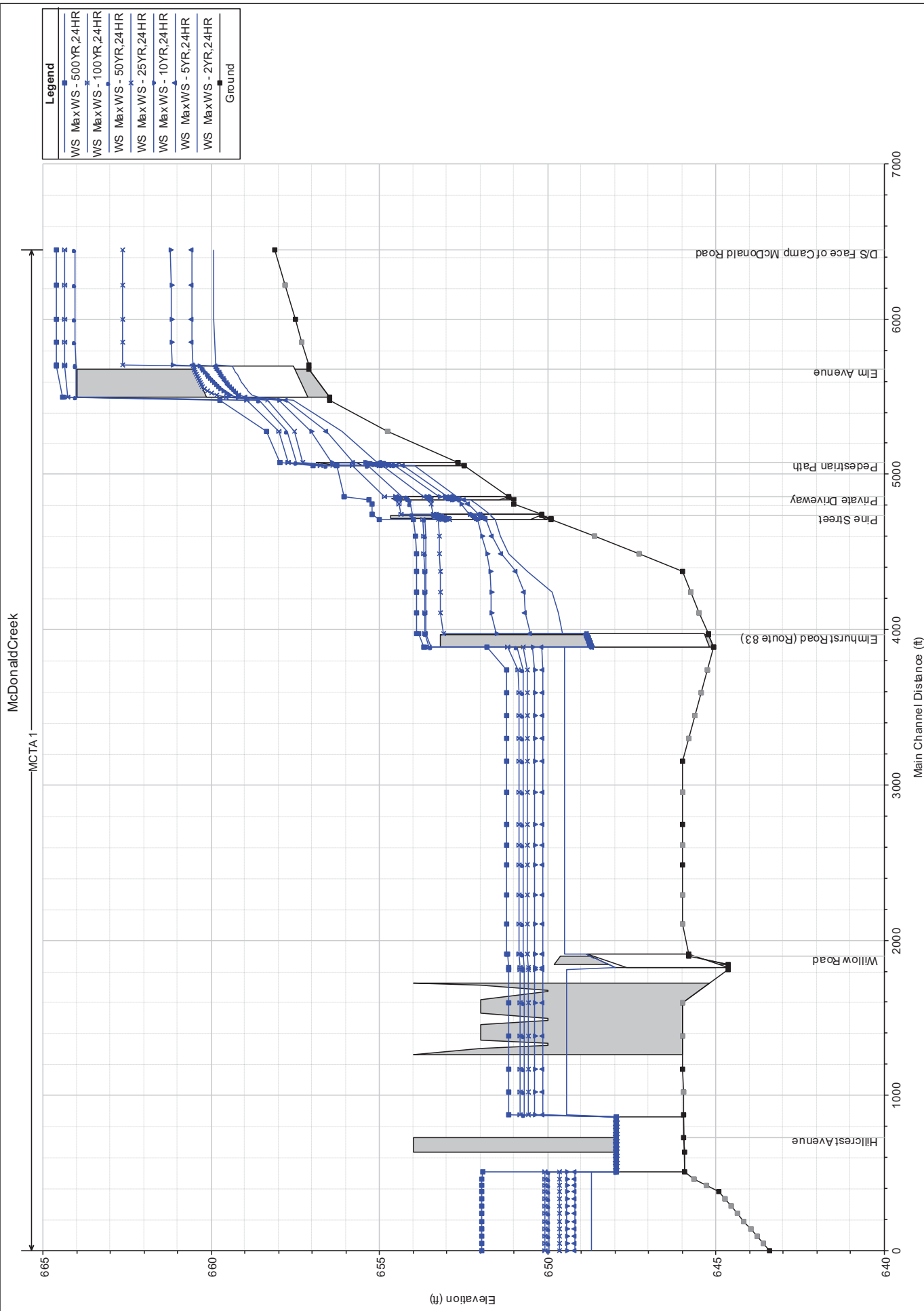
McDonald Creek from Glenbrook Drive to outlet of Lake Arlington



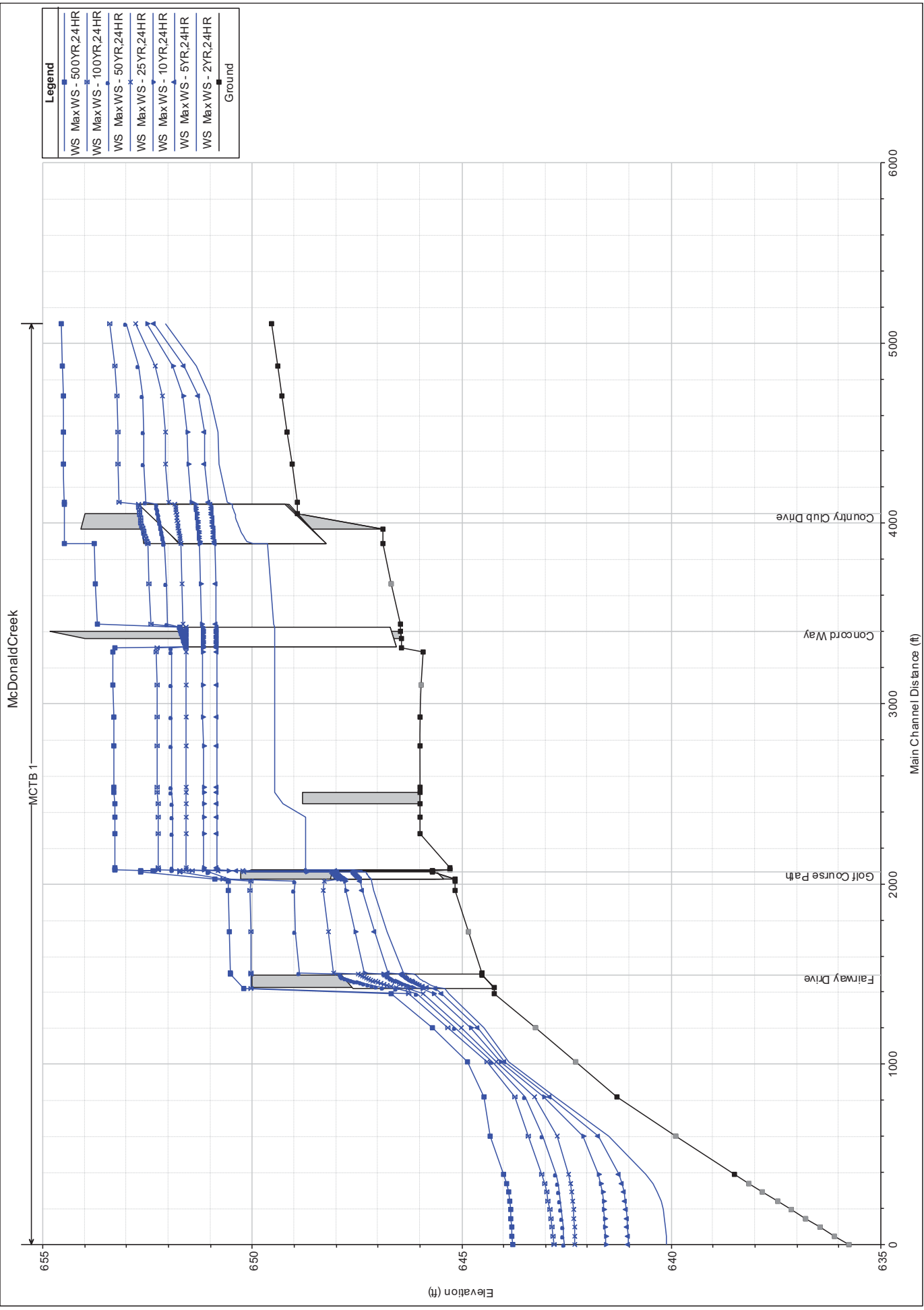
McDonald Creek North Branch from outlet to Lake Arlington to upstream limit of study area



McDonald Creek South Branch from outlet to Lake Arlington to upstream limit of study area



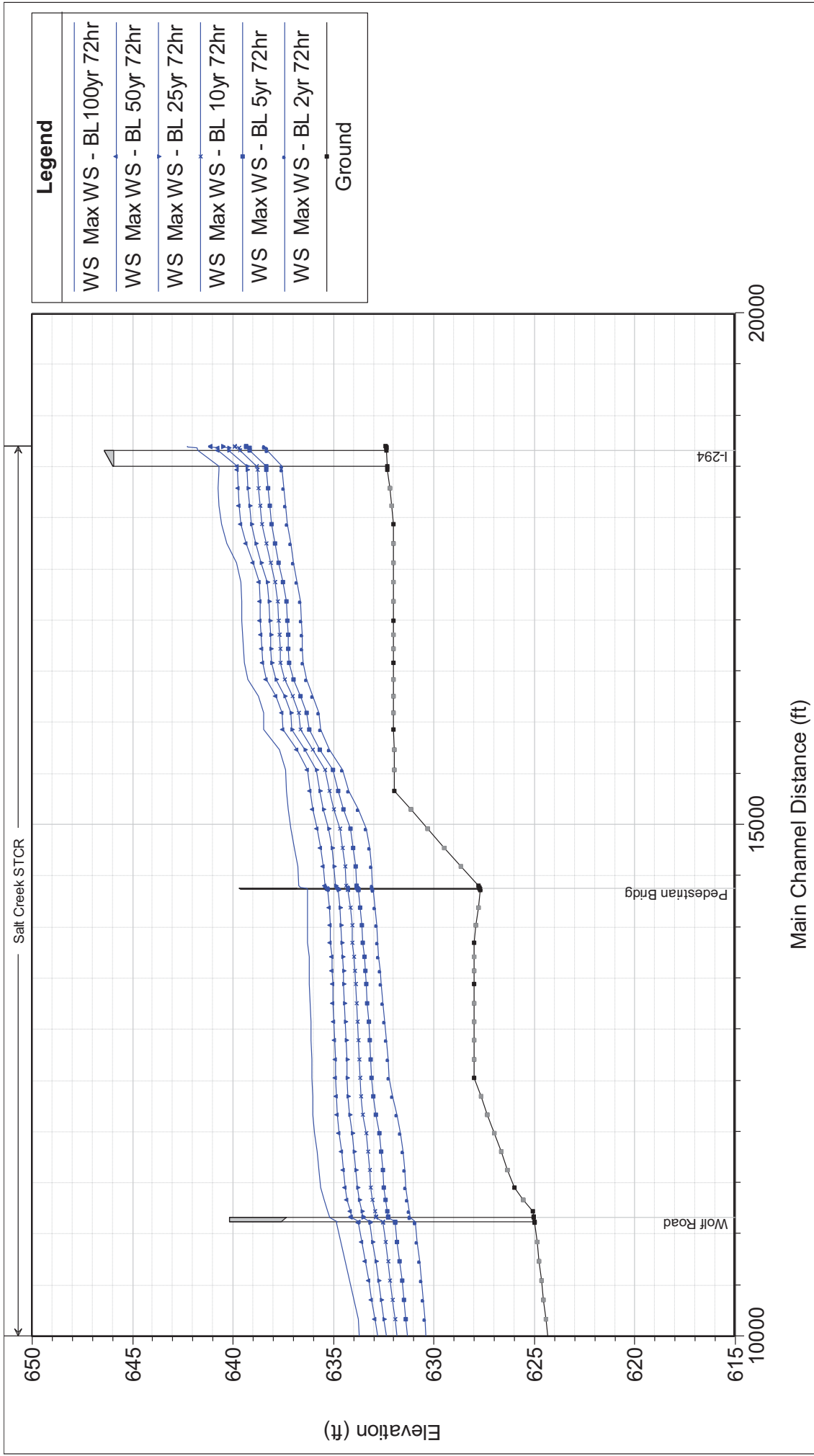
McDonald Creek Tributary A from confluence with McDonald Creek to upstream limit of study area



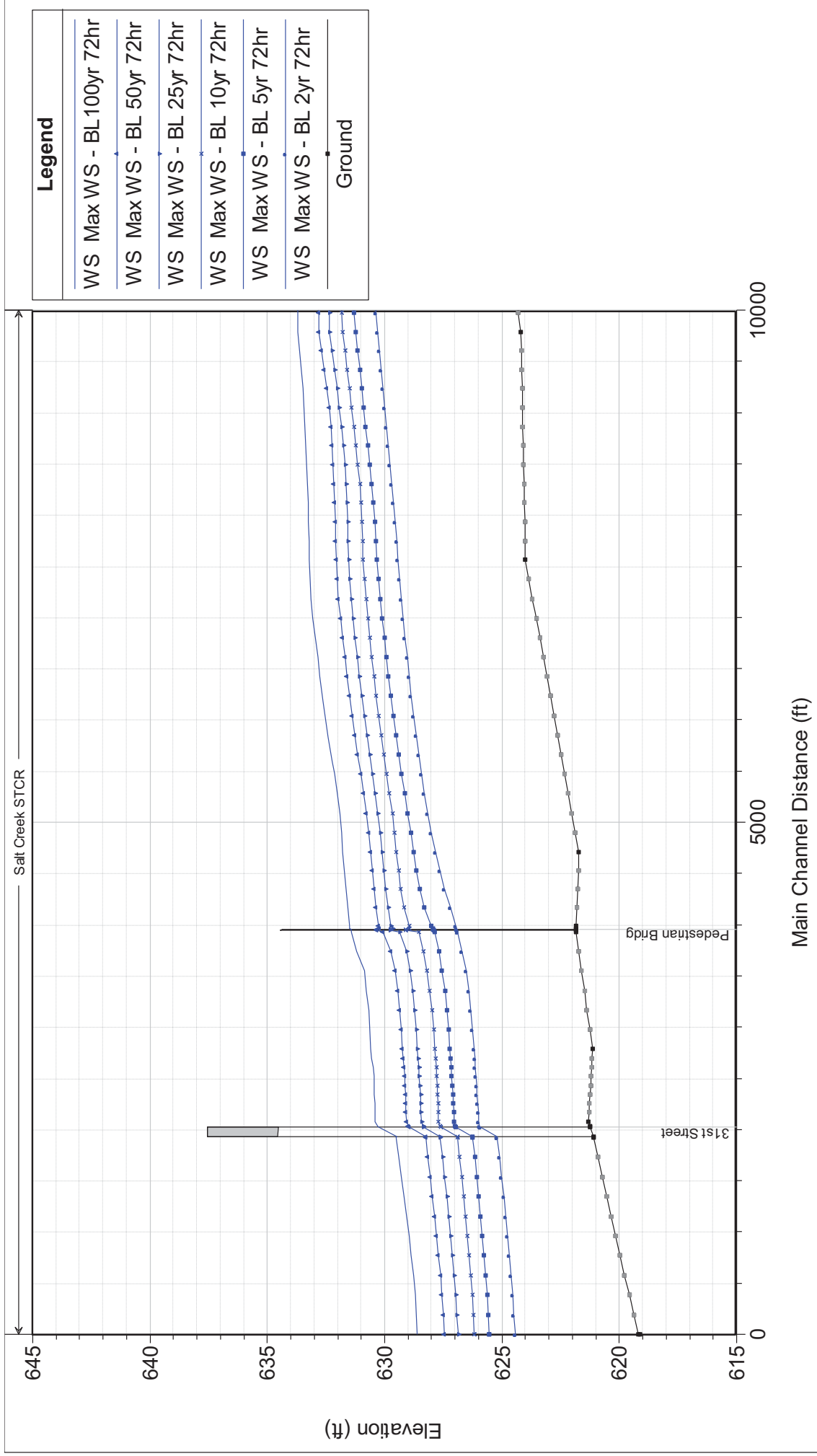
Legend	
WS Max WS - 500YR, 24HR	■
WS Max WS - 100YR, 24HR	■
WS Max WS - 50YR, 24HR	■
WS Max WS - 25YR, 24HR	■
WS Max WS - 10YR, 24HR	■
WS Max WS - 5YR, 24HR	■
WS Max WS - 2YR, 24HR	■
Ground	■

McDonald Creek Tributary B from confluence with McDonald Creek to upstream limit of study area

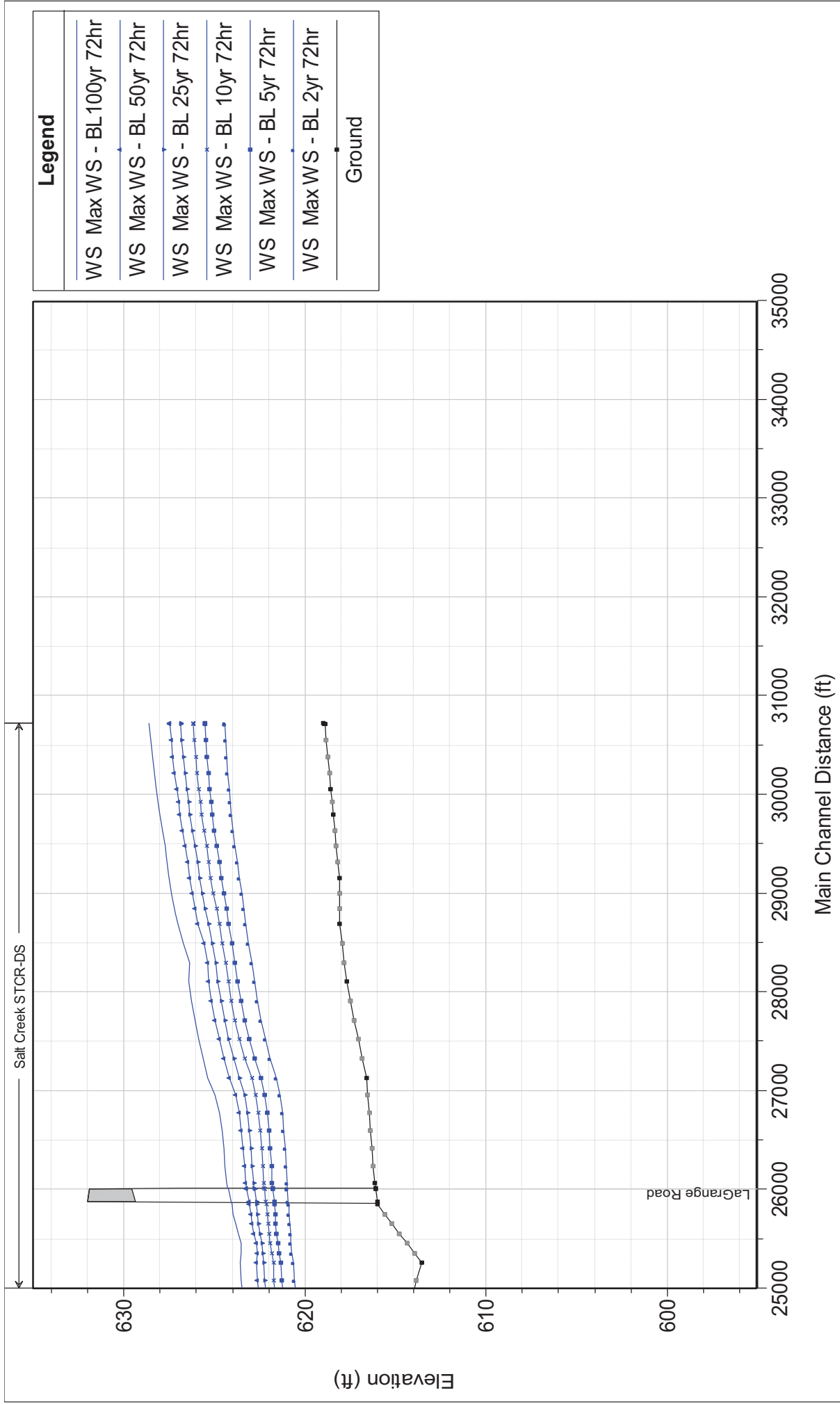
**Salt Creek Subwatershed
Hydraulic Profiles for Existing Conditions**



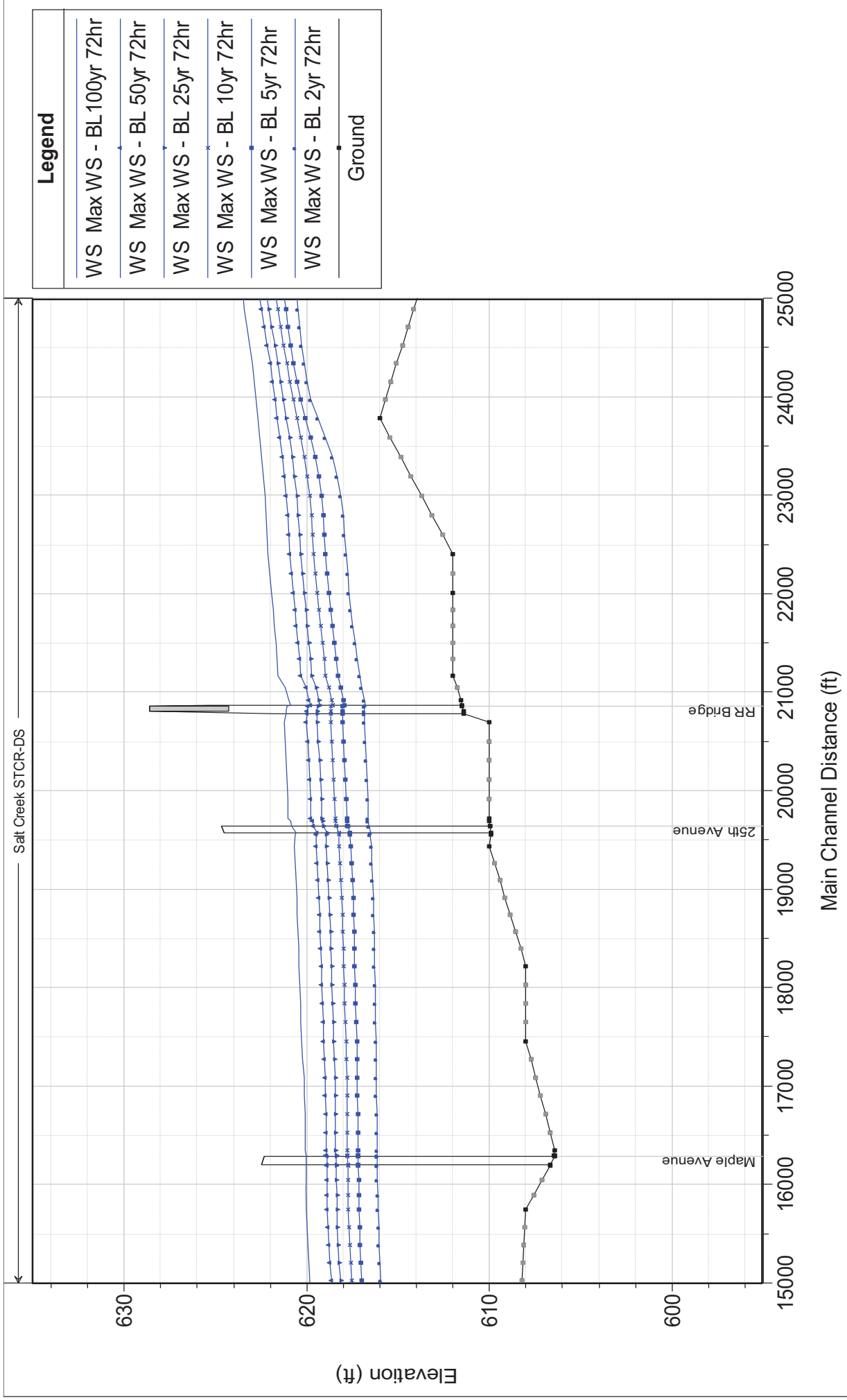
Salt Creek Mainline from I-294 to 10,000 feet downstream of I-294



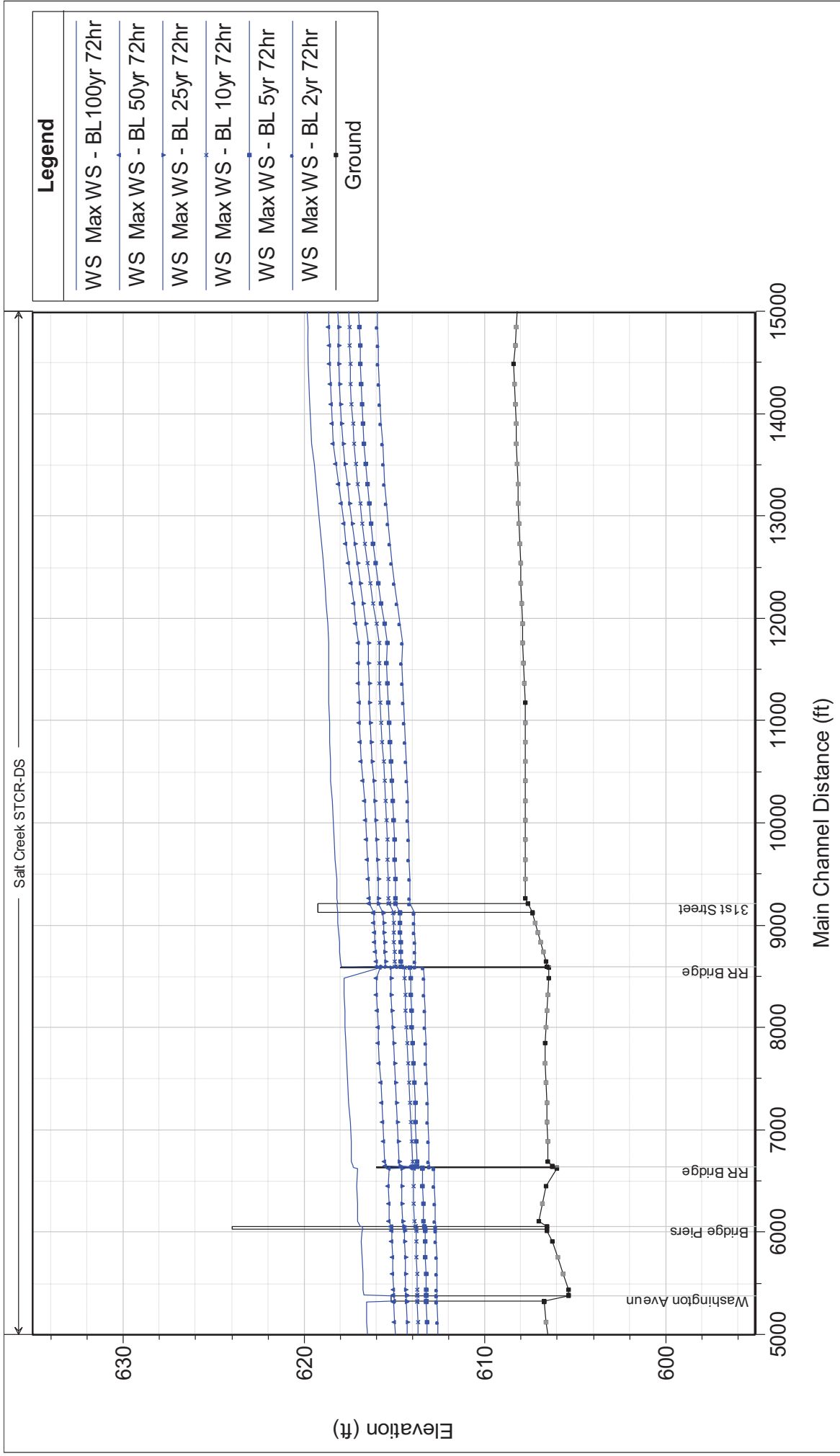
Salt Creek Mainline from 10,000 feet downstream of I-294 to confluence with Salt Creek South Fork



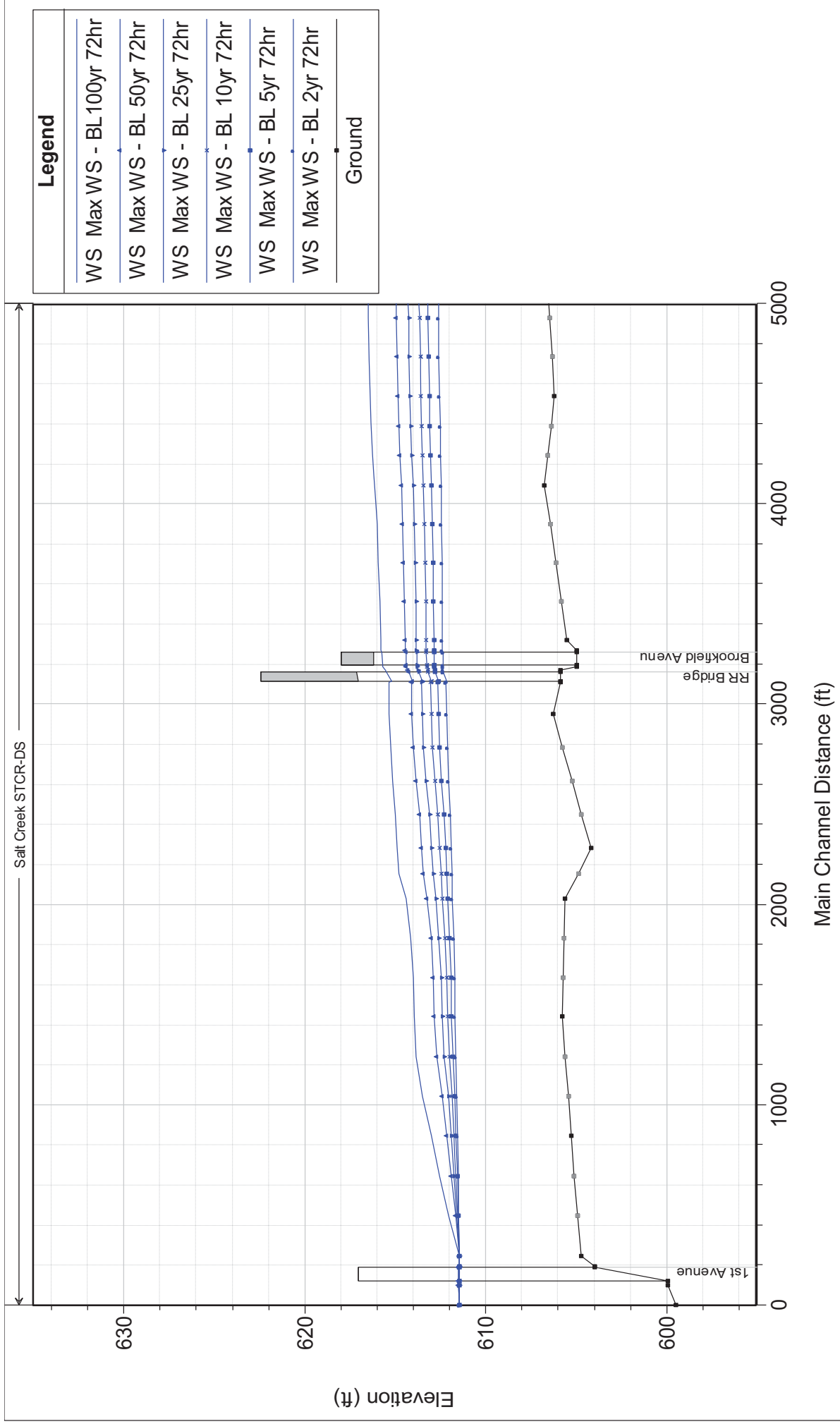
Salt Creek ML from confluence with Salt Creek South Fork to 25,000 feet upstream of confluence with Des Plaines River



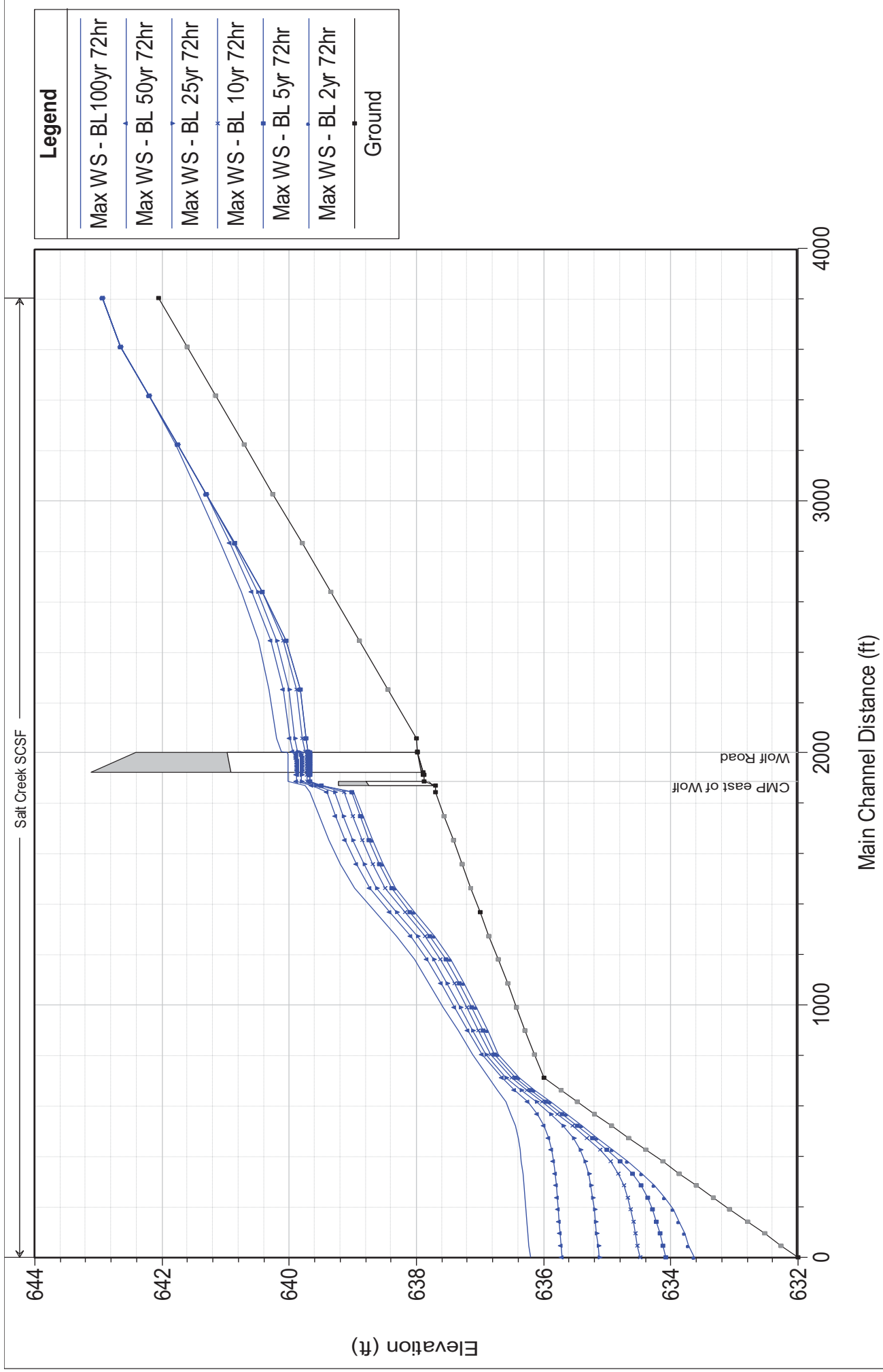
Salt Creek ML from 25,000 feet upstream of Des Plaines River to 15,000 feet upstream of confluence with Des Plaines River



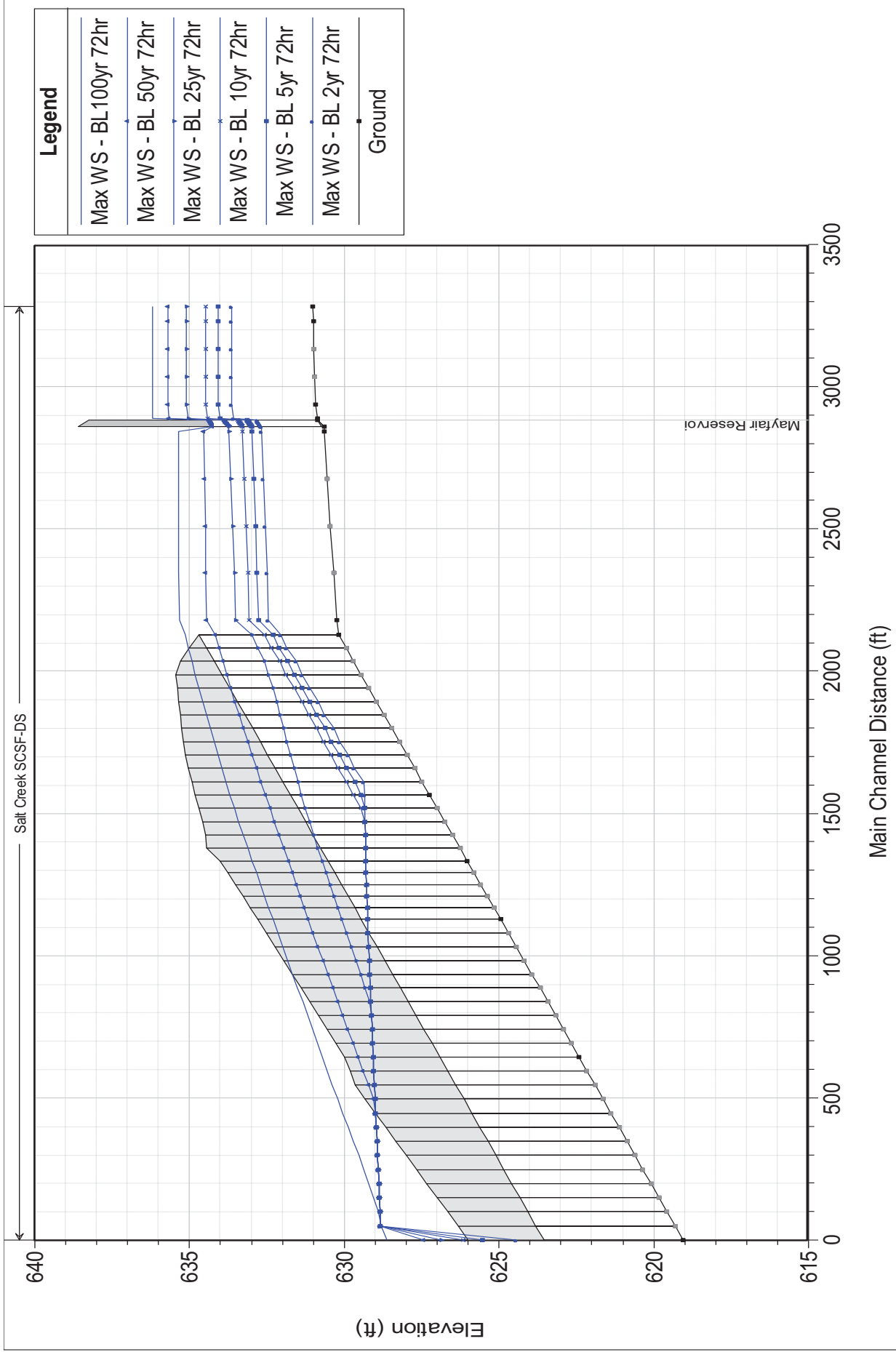
Salt Creek ML from 15,000 feet upstream of Des Plaines River to 5,000 feet upstream of confluence with Des Plaines River



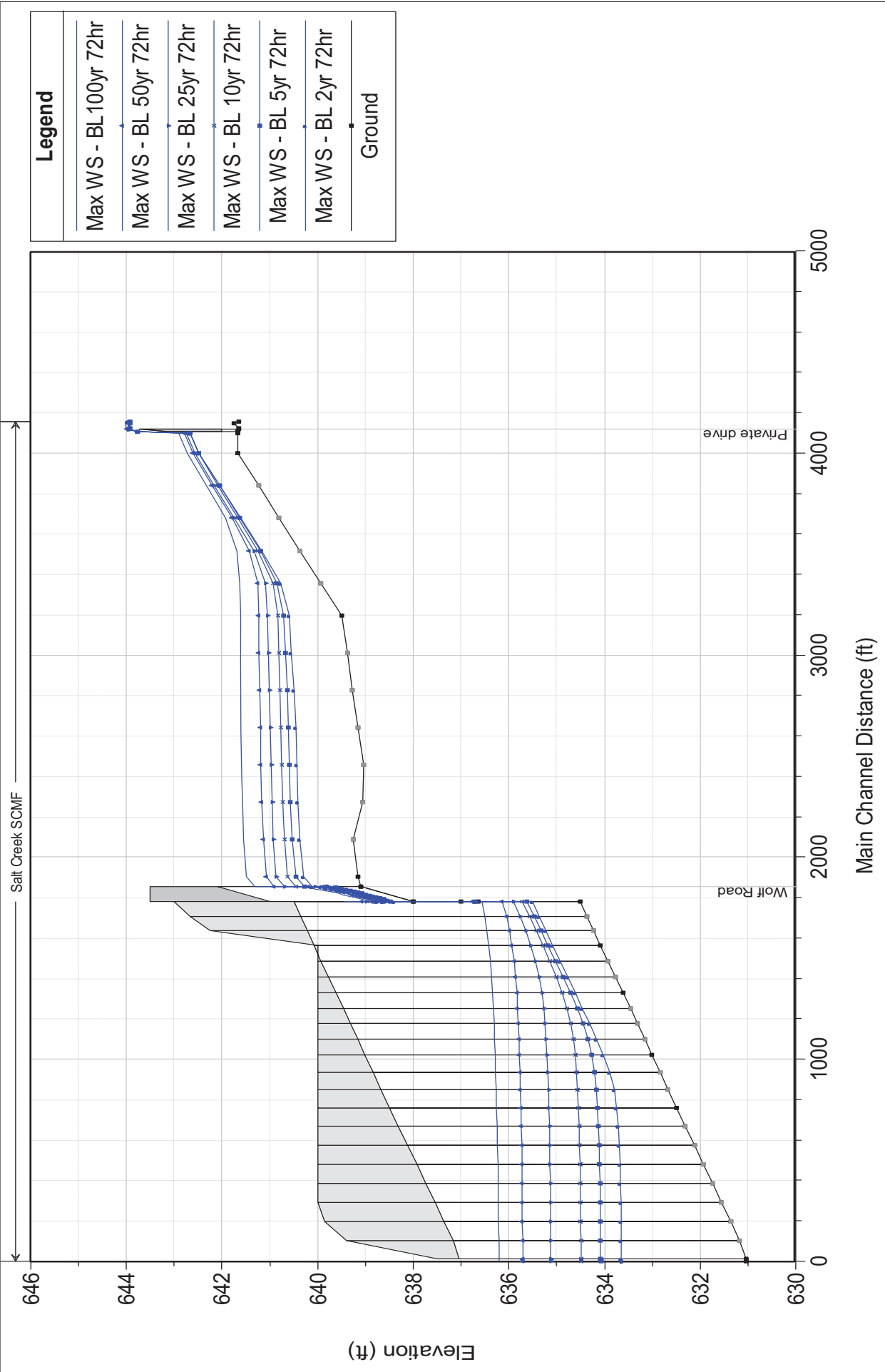
Salt Creek ML from 5,000 feet upstream of confluence with Des Plaines River to confluence with Des Plaines River



Salt Creek South Fork from upstream limits to confluence with Salt Creek Middle Fork

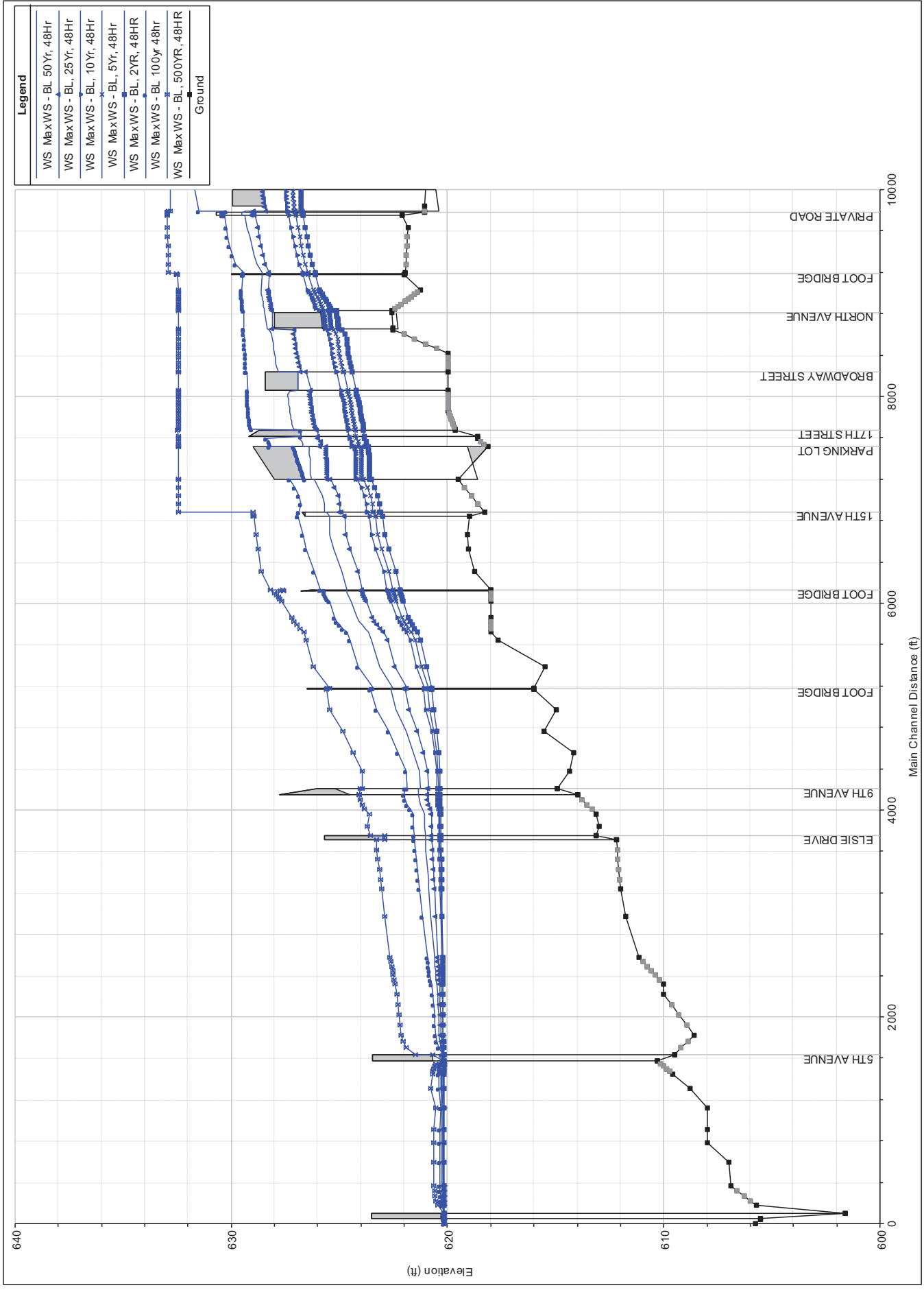


Salt Creek South Fork from confluence with Salt Creek Middle Fork to confluence with Salt Creek Mainline

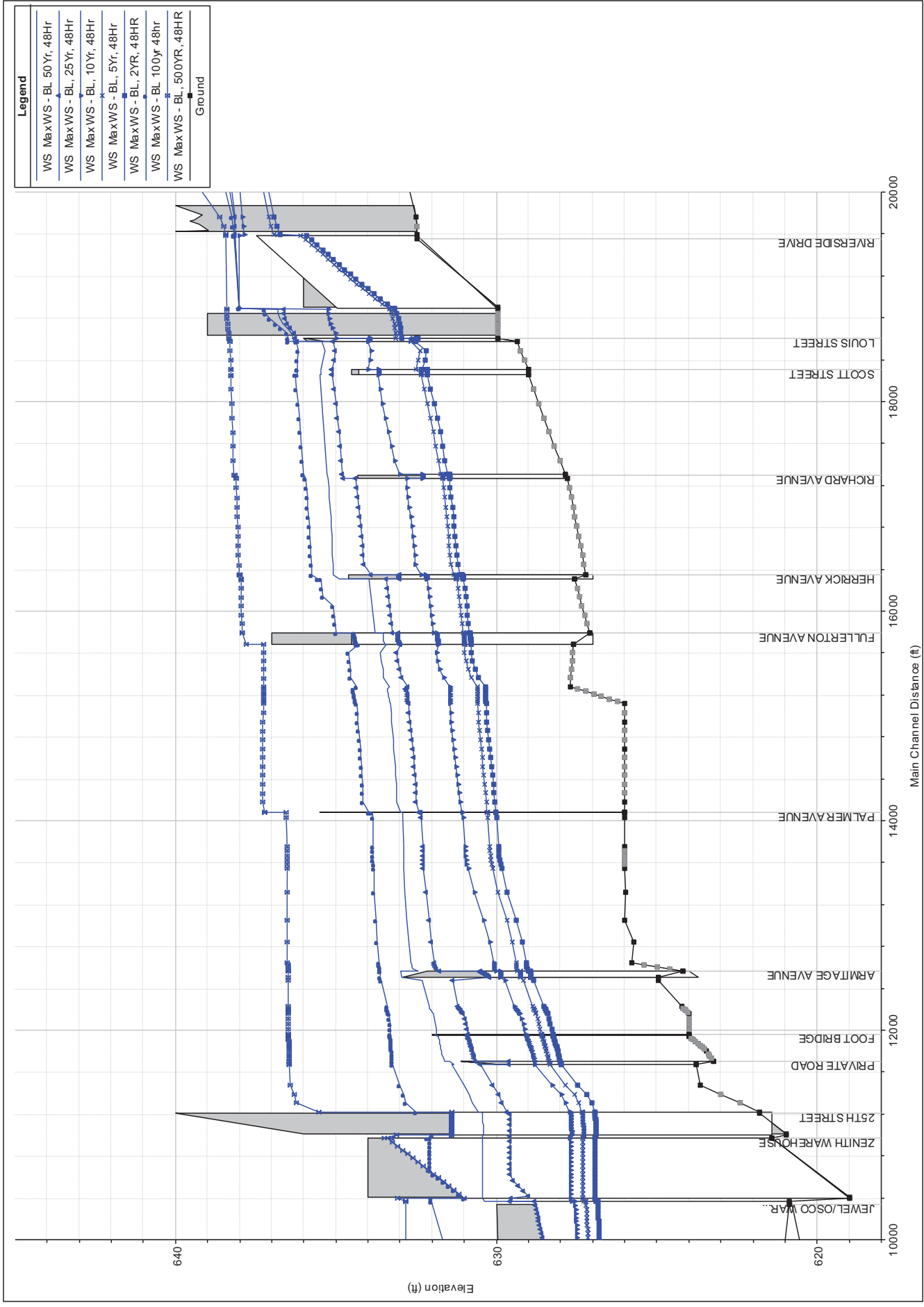


Salt Creek Middle Fork from upstream limits to confluence with Salt Creek South Fork

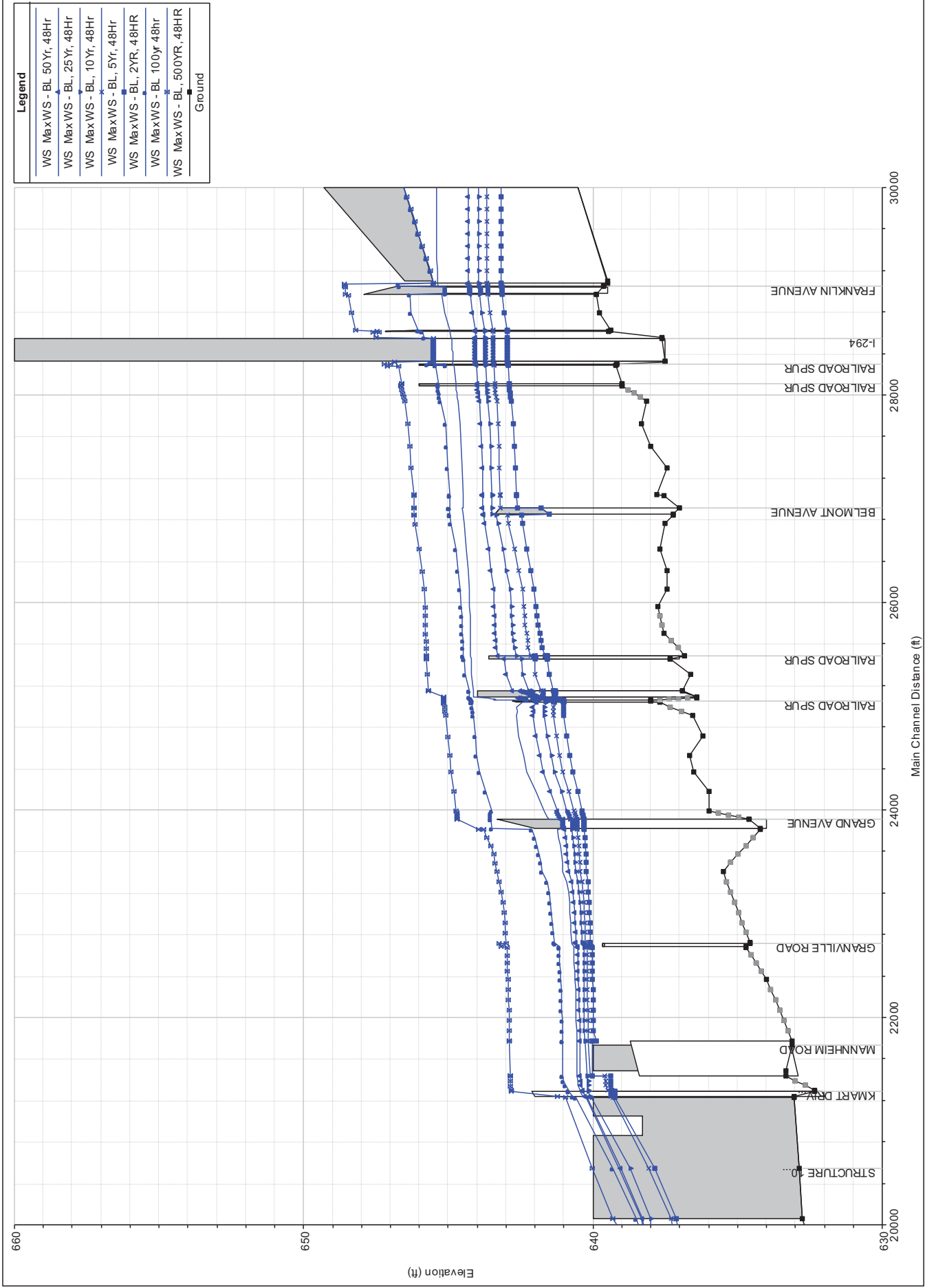
**Silver Creek Subwatershed
Hydraulic Profiles for Existing Conditions**



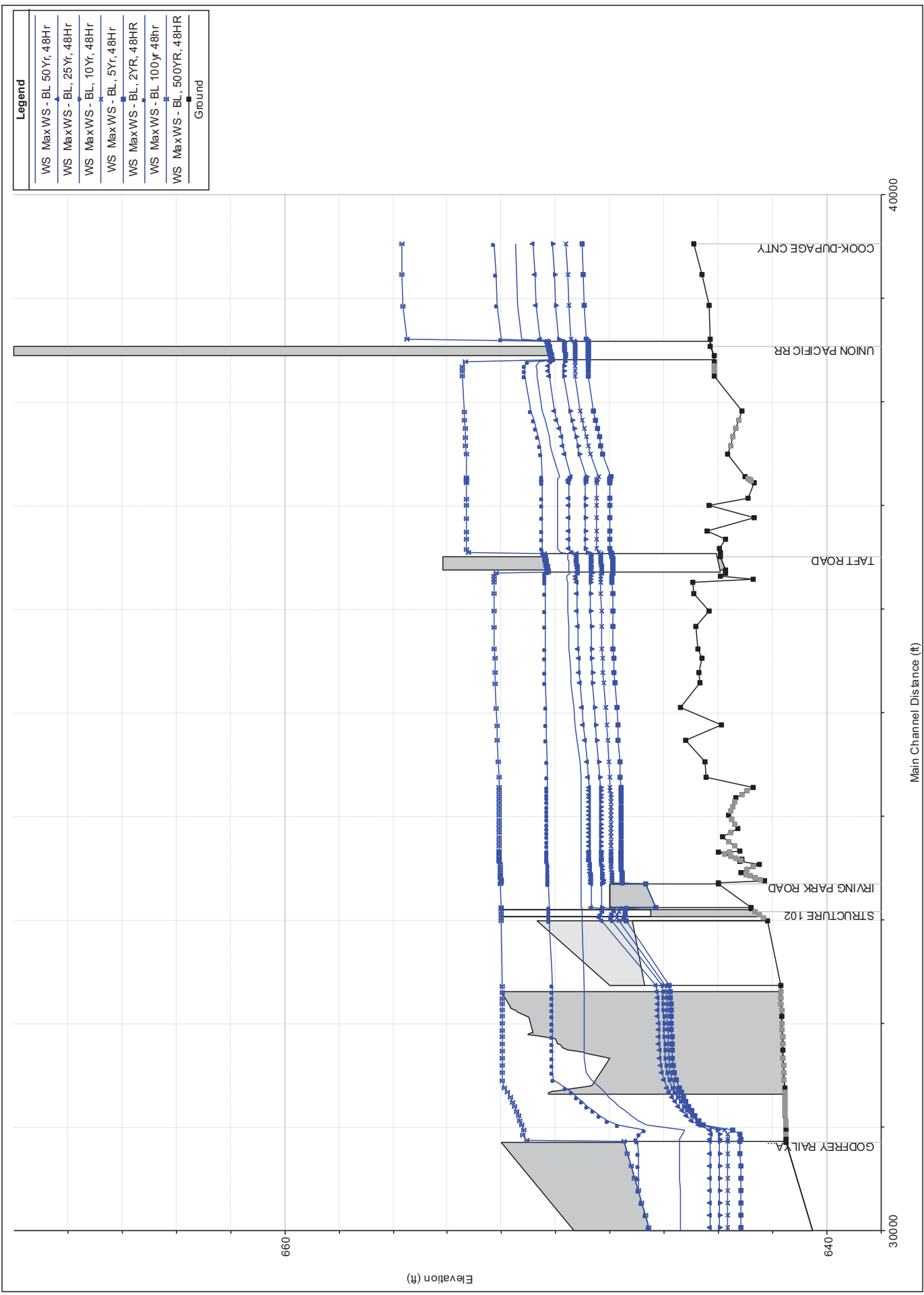
Silver Creek from Des Plaines River Confluence to Jewel Warehouse



Silver Creek from Jewell Warehouse to Structure 106

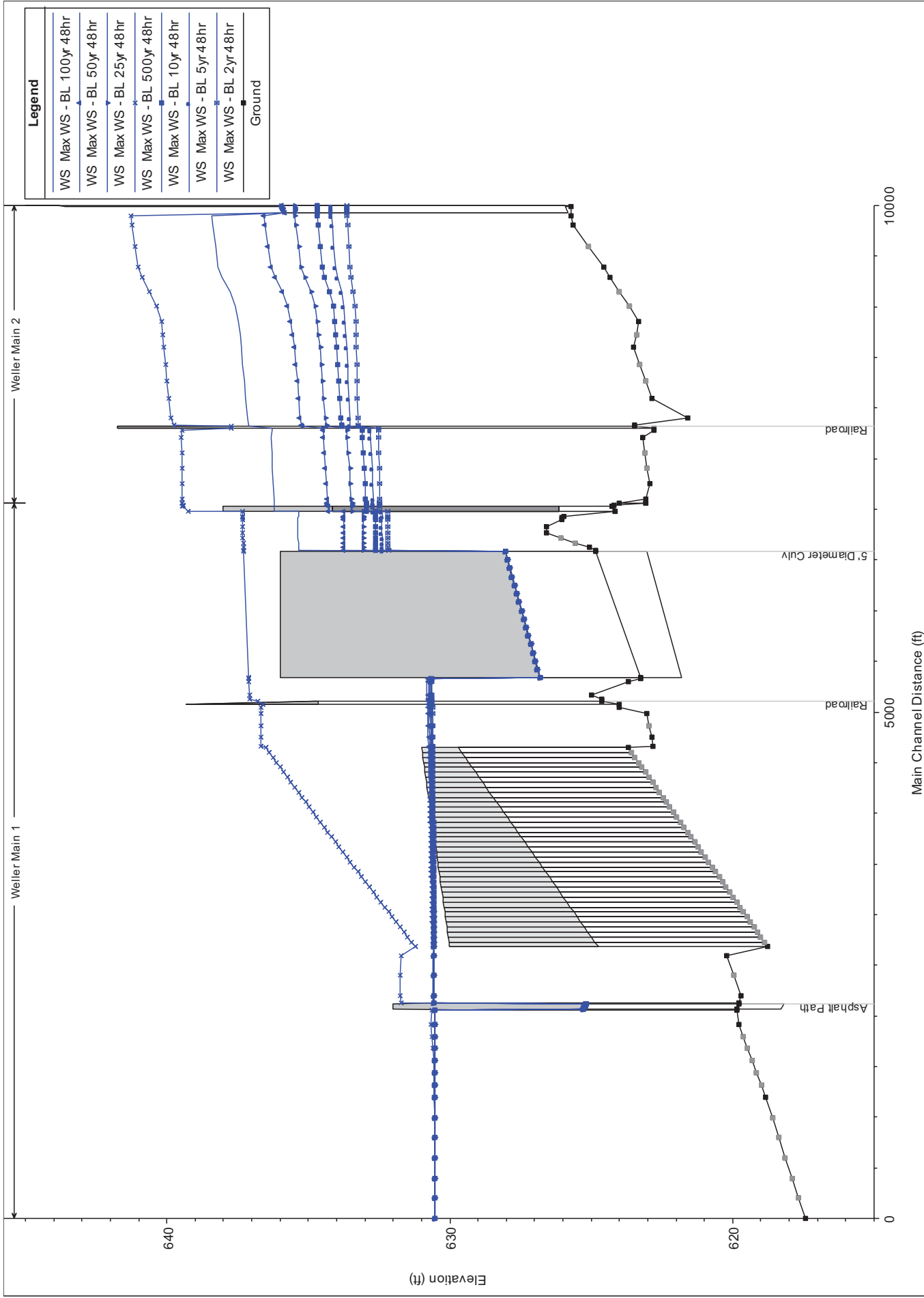


Silver Creek from Structure 106 to Godfrey Railroad

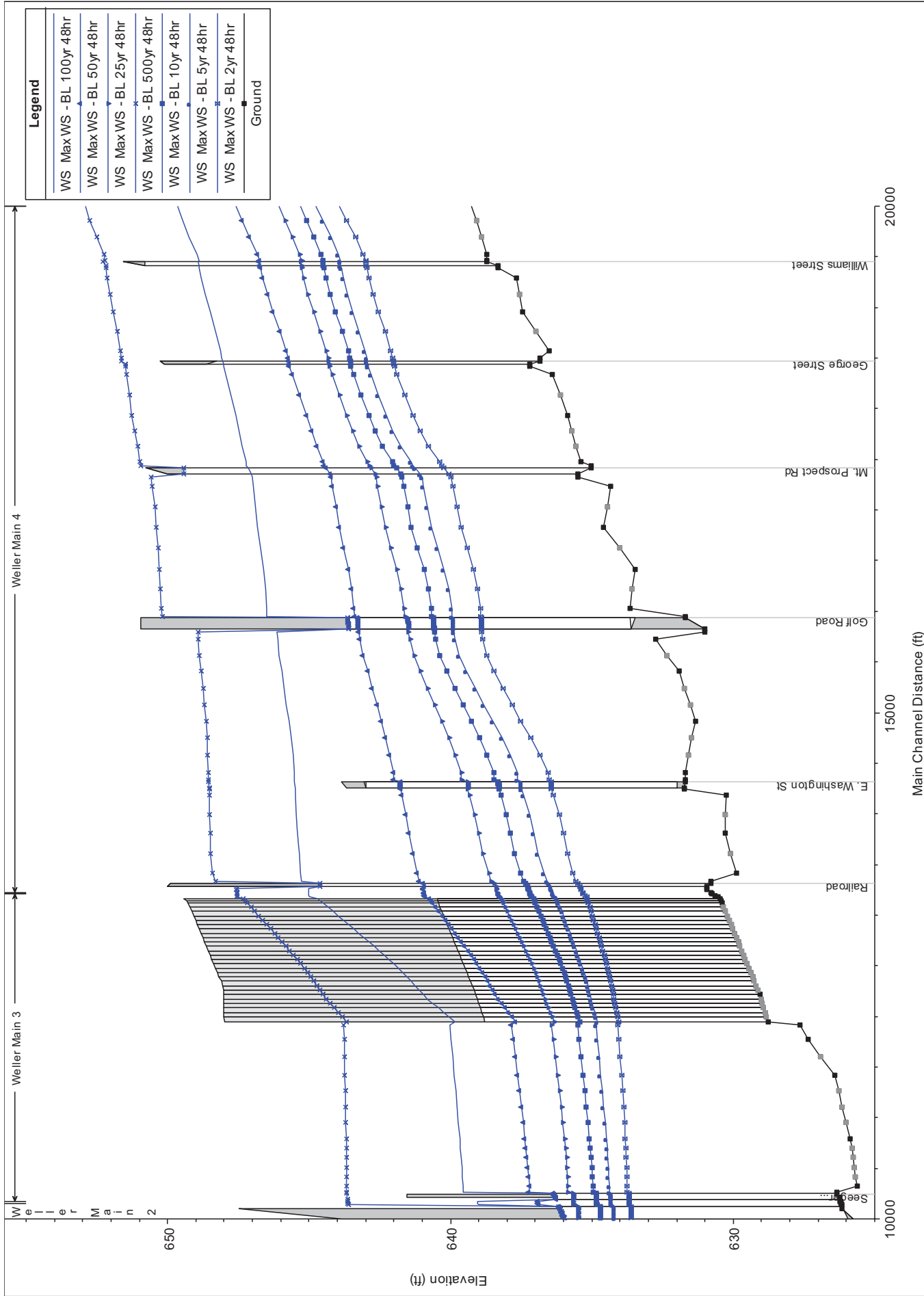


Silver Creek from Godfrey Railway to Cook-DuPage County Border

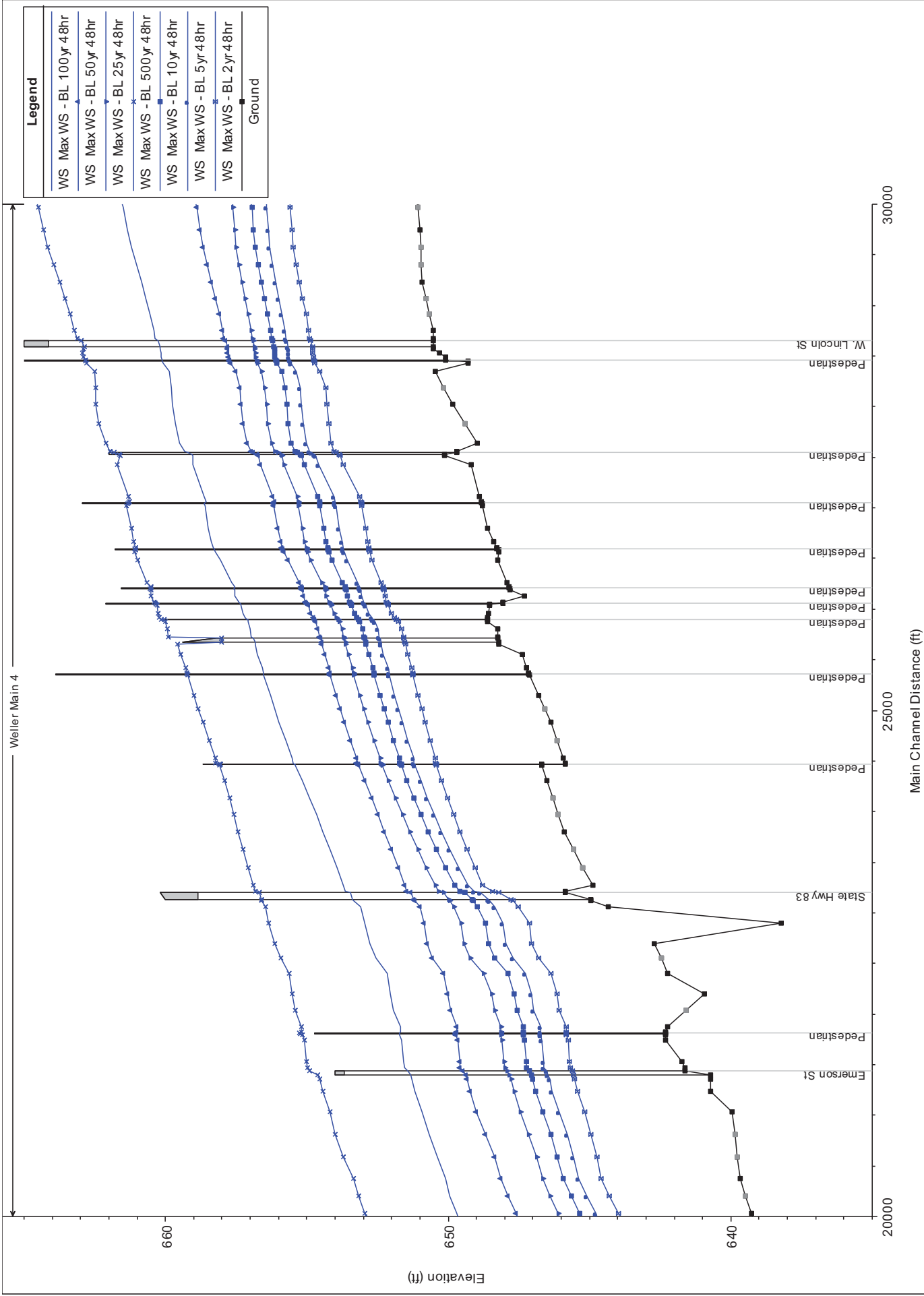
**Weller Creek Subwatershed
Hydraulic Profiles for Existing Conditions**



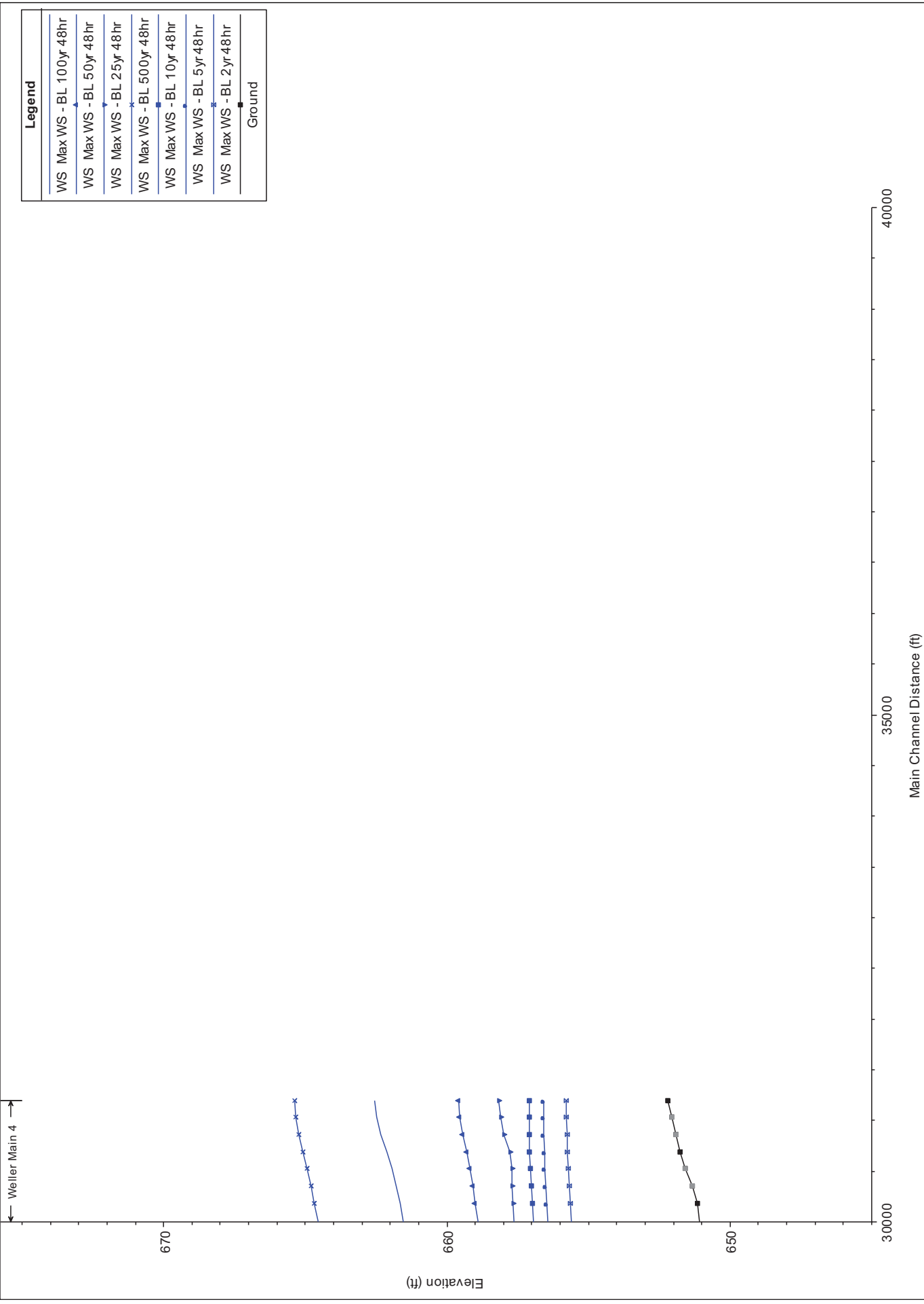
Weller Creek from confluence with Des Plaines River to 10,000 feet upstream



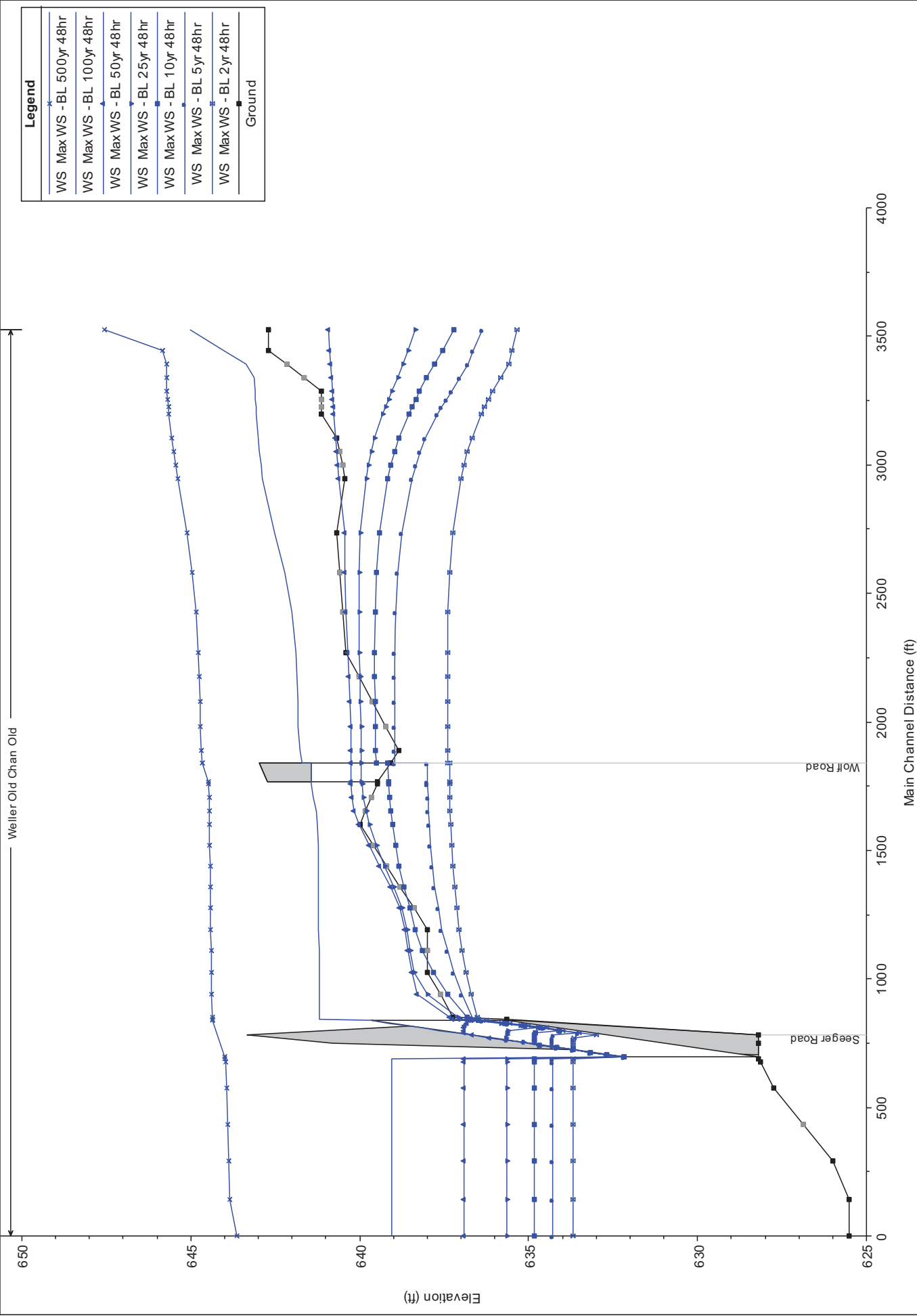
Weller Creek from 10,000 to 20,000 feet upstream of Confluence with the Des Plaines River



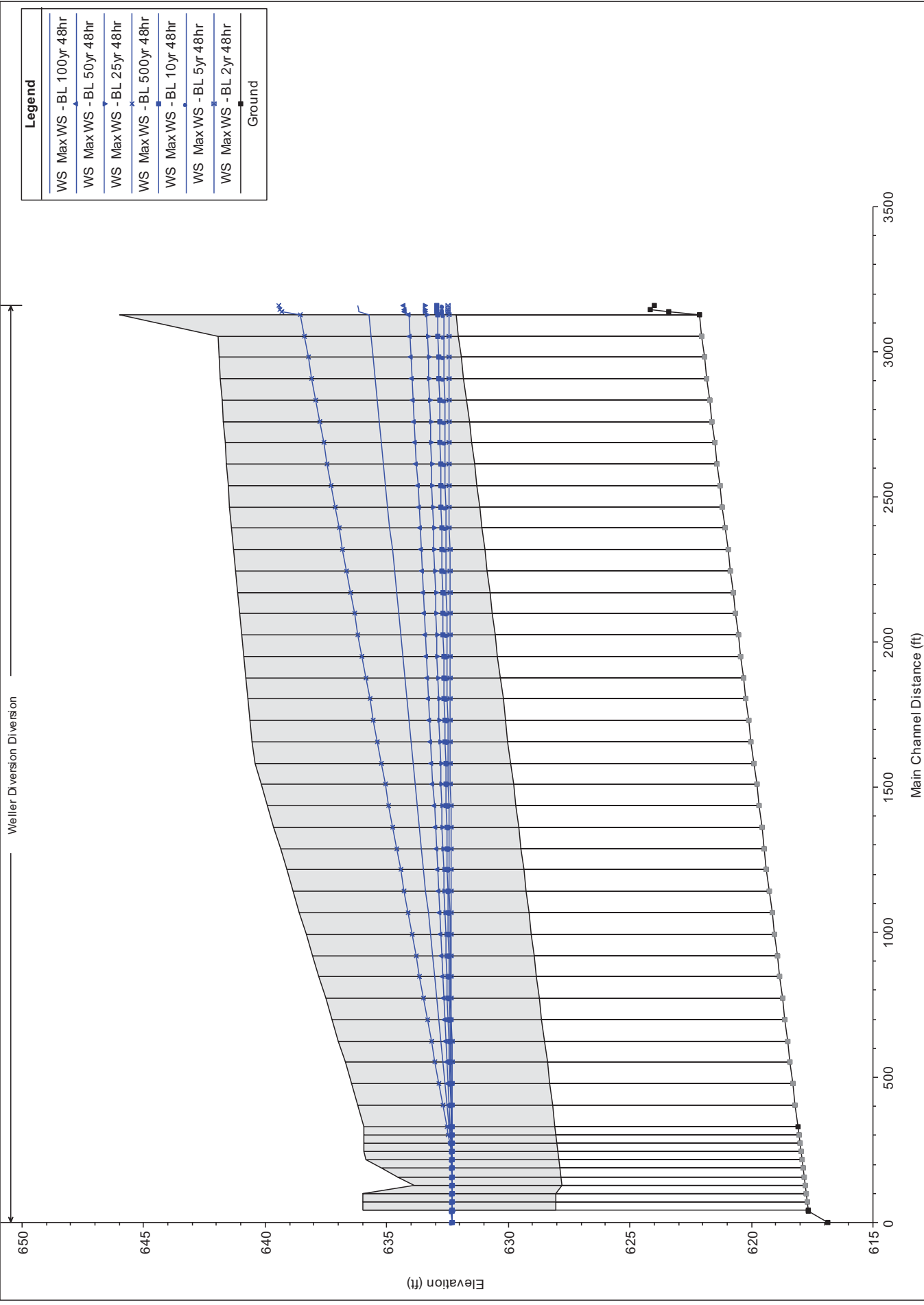
Weller Creek from 20,000 to 30,000 feet upstream of Confluence with the Des Plaines River



Weller Creek from 30,000 to 31,500 feet upstream of Confluence with the Des Plaines River

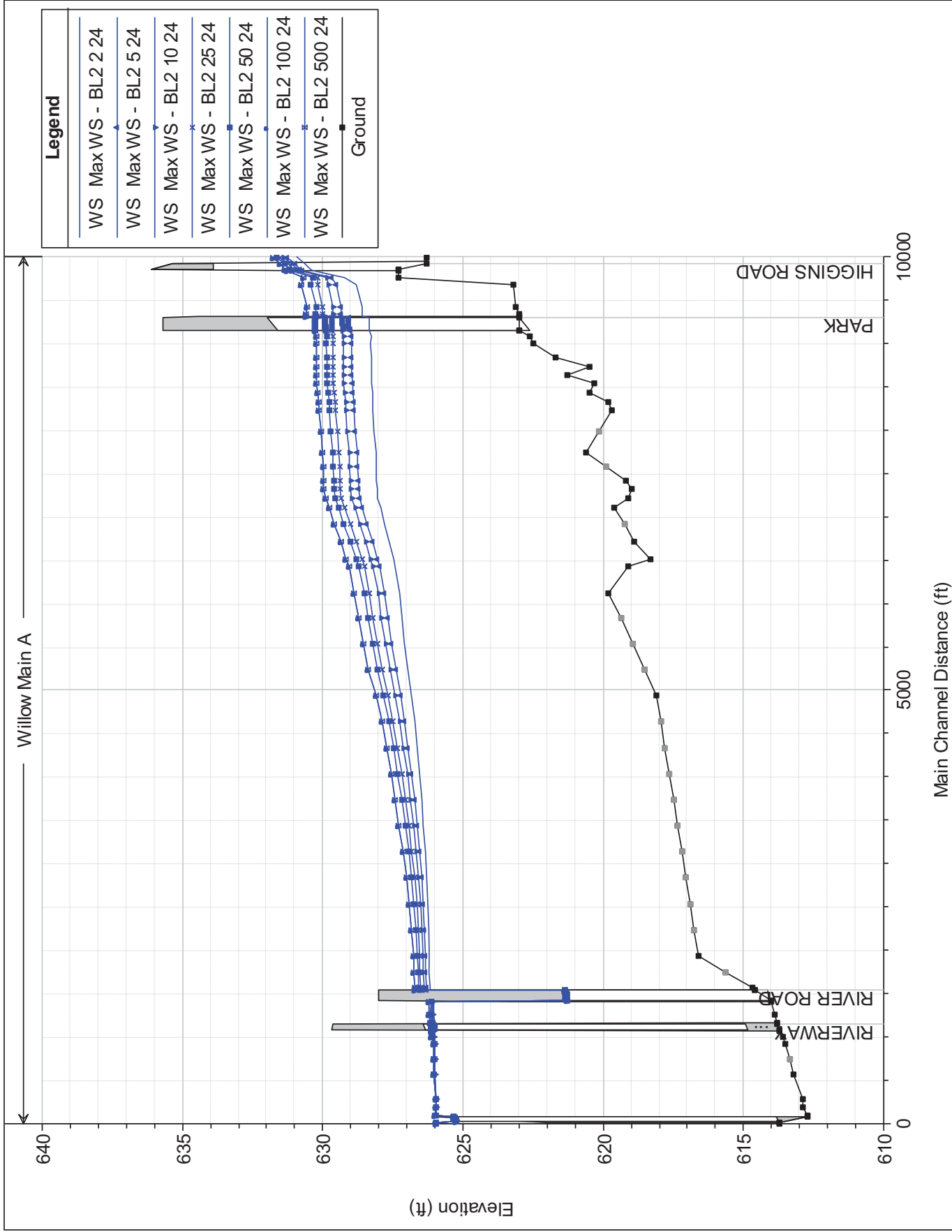


Old Weller Creek from Seegers Road to upstream of Wolf Road

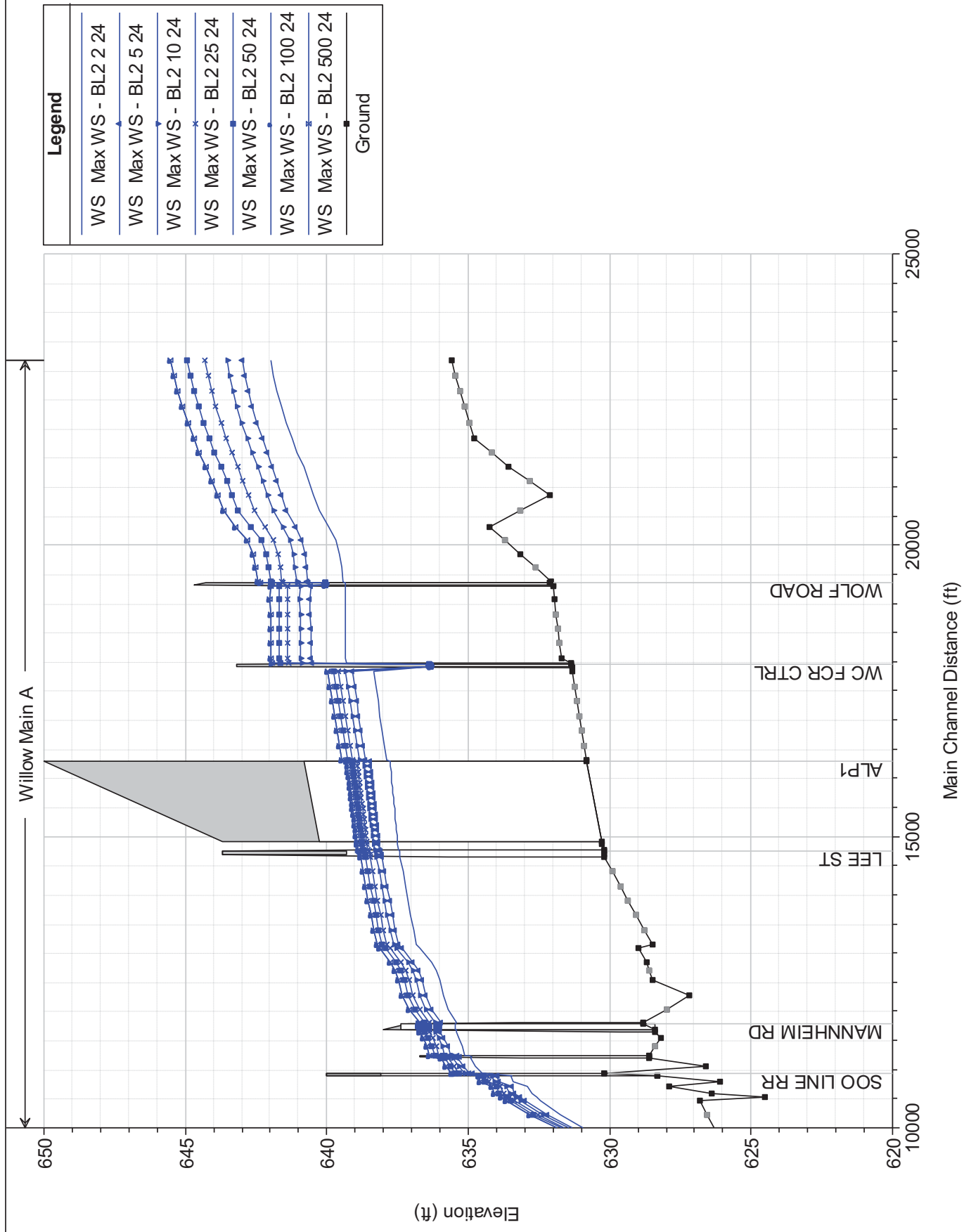


Weller Creek Diversion from confluence with Des Plaines River to upstream study limit south of Central Road

**Willow Creek Subwatershed
Hydraulic Profiles for Existing Conditions**



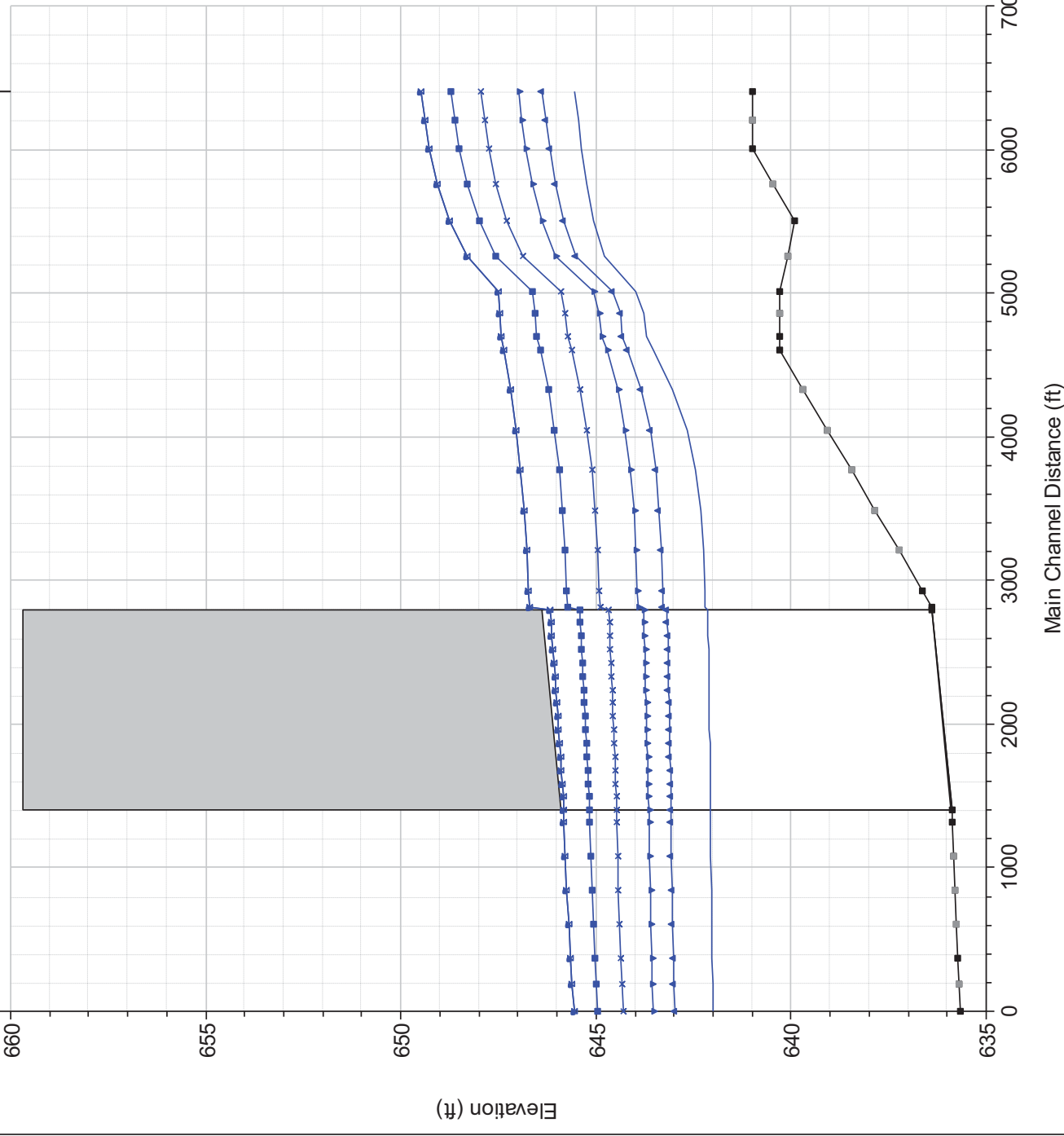
Willow Creek from confluence with Des Plaines River to upstream of Higgins Road



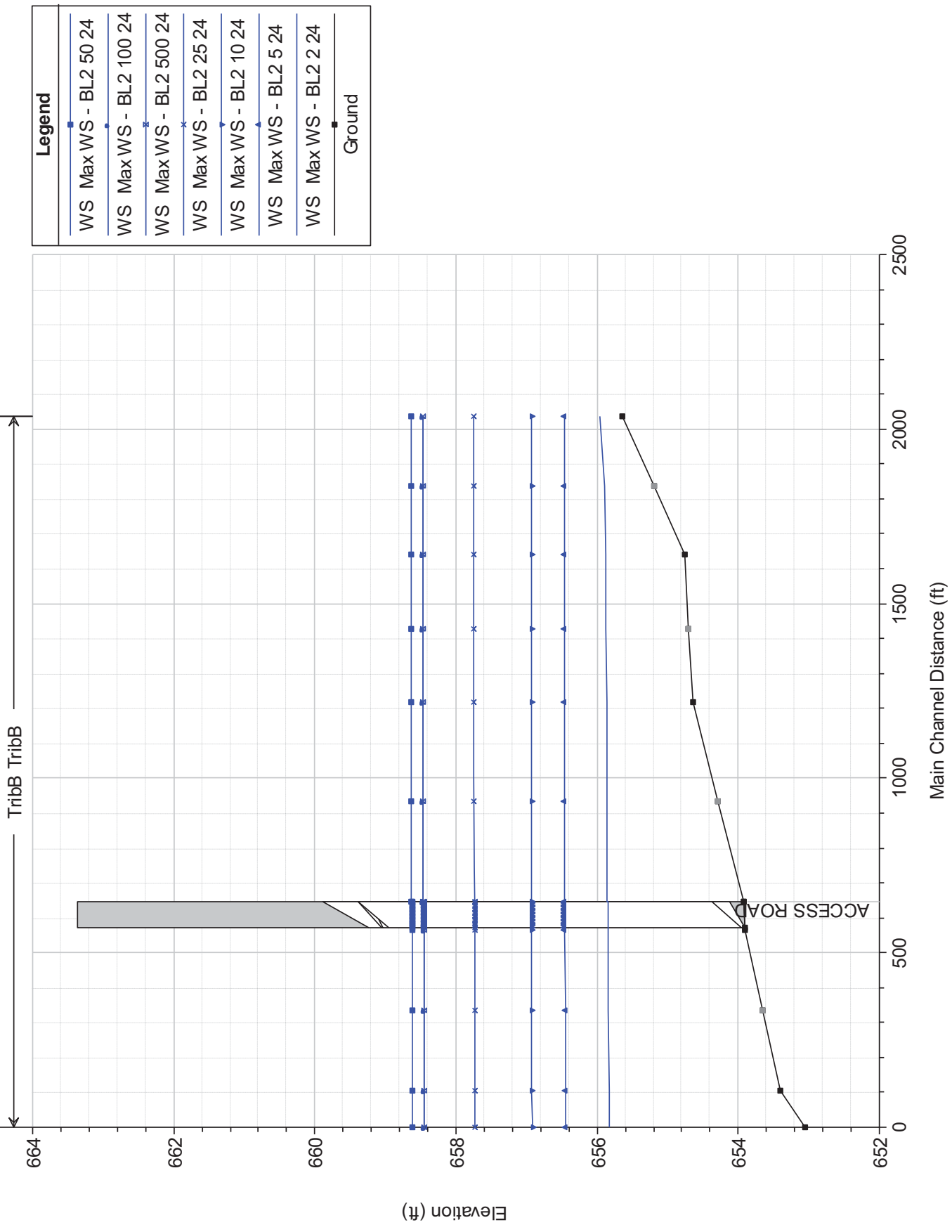
Willow Creek from upstream of Higgins Road to confluence with Higgins Creek

Willow Main B

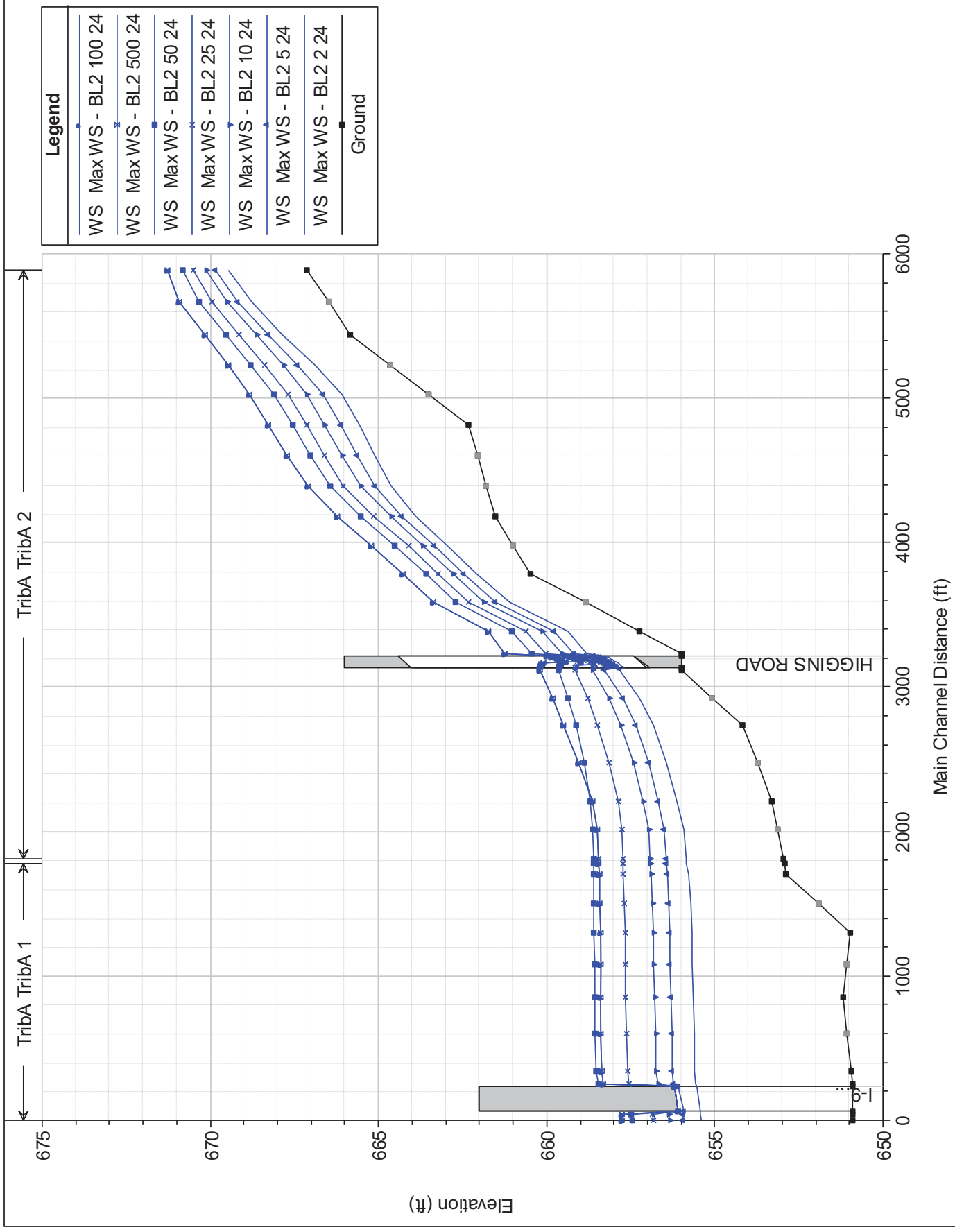
Legend	
WS Max WS - BL2 100 24	▲
WS Max WS - BL2 500 24	✕
WS Max WS - BL2 50 24	■
WS Max WS - BL2 25 24	✕
WS Max WS - BL2 10 24	▲
WS Max WS - BL2 5 24	▲
WS Max WS - BL2 2 24	■
Ground	■



Willow Creek upstream of Higgins Creek confluence to Cook County Boundary



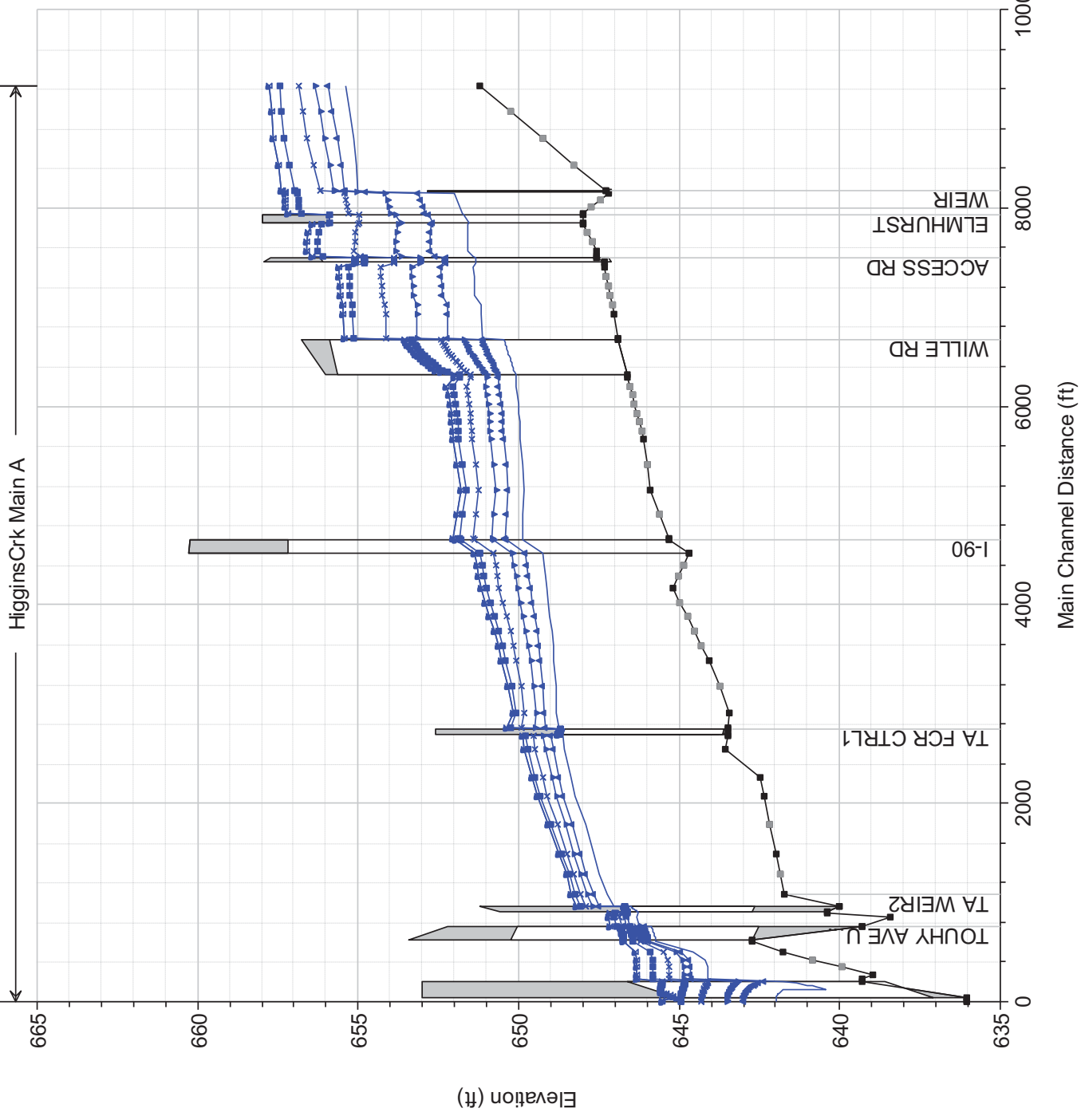
Higgins Creek Tributary B from confluence with Higgins Creek Tributary A to upstream limit of study



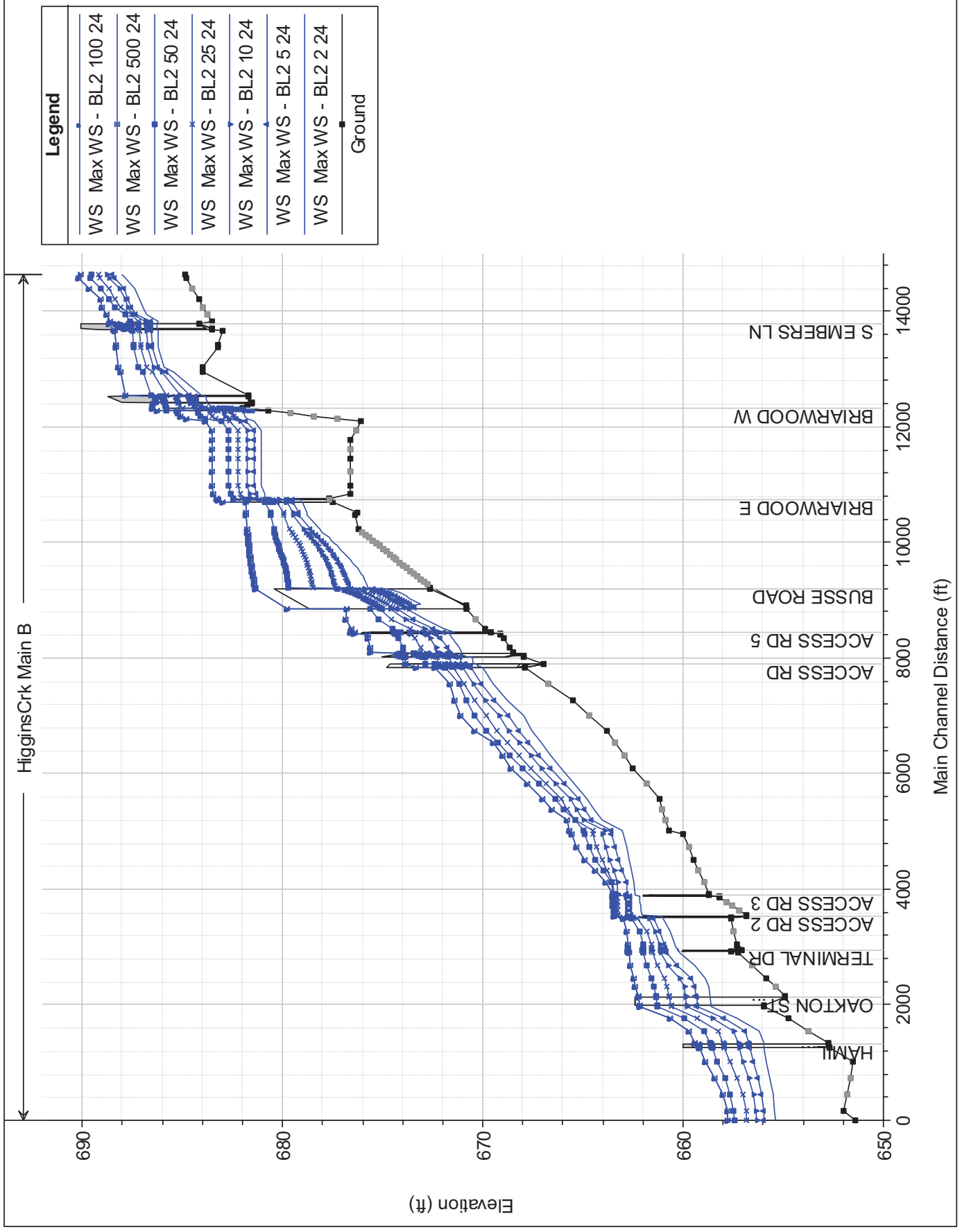
Higgins Creek Tributary A from confluence with Higgins Creek to upstream limit of study

HigginsCrk Main A

Legend	
WS Max WS - BL2 100 24	◆
WS Max WS - BL2 500 24	■
WS Max WS - BL2 50 24	×
WS Max WS - BL2 25 24	▲
WS Max WS - BL2 10 24	▼
WS Max WS - BL2 5 24	▲
WS Max WS - BL2 2 24	■
Ground	—



Higgins Creek from confluence with Willow Creek to upstream of Elmhurst Road



Higgins Creek from upstream of Elmhurst Road to upstream limit of study