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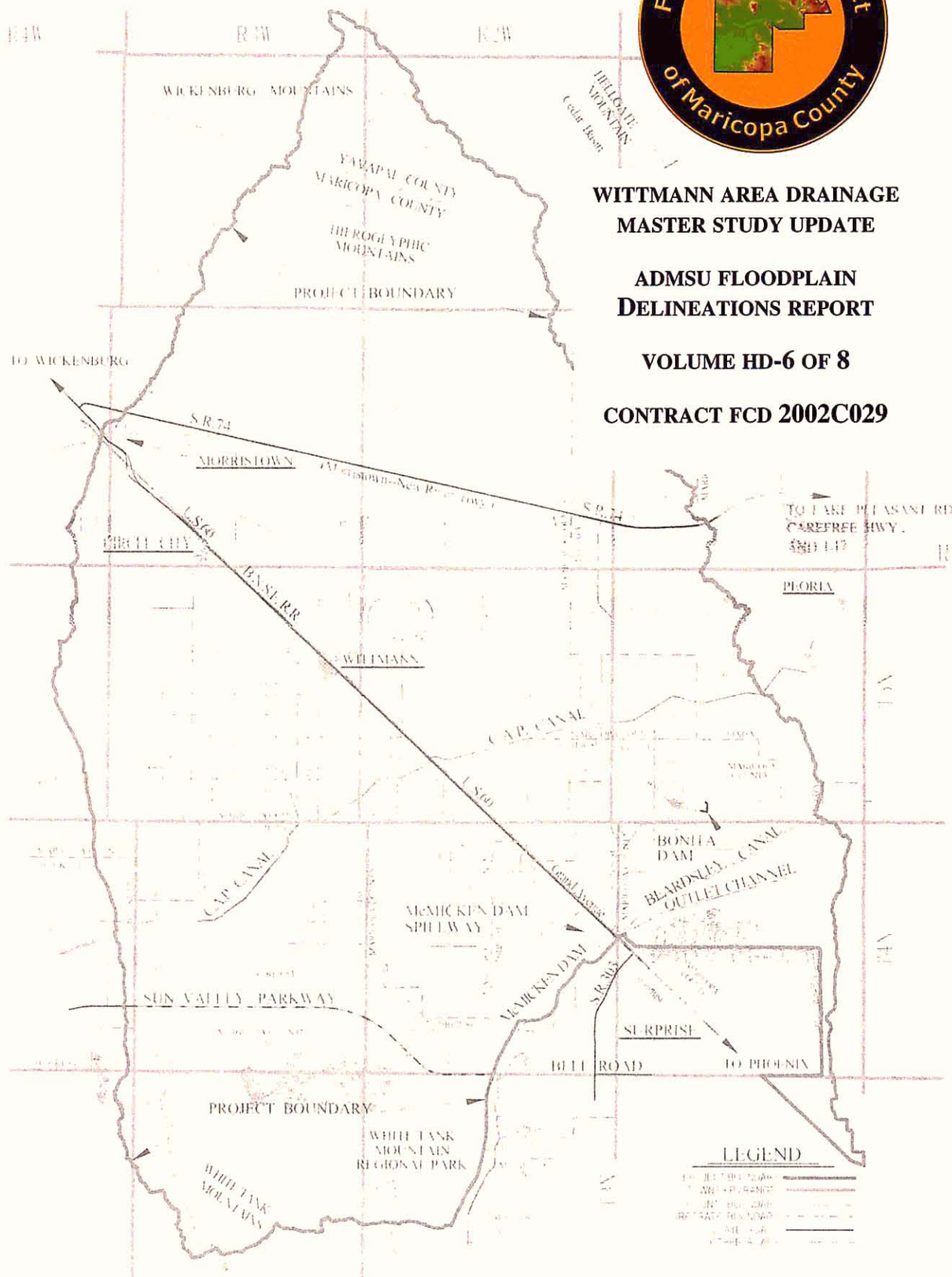

Flood Control District of Maricopa County

WITTMANN AREA DRAINAGE MASTER STUDY UPDATE

ADMSU FLOODPLAIN DELINEATIONS REPORT

VOLUME HD-6 OF 8

CONTRACT FCD 2002C029

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WITTMANN AREA DRAINAGE MASTER STUDY UPDATE

ADMSU FLOODPLAIN DELINEATIONS REPORT

VOLUME HD-6 OF 8

CONTRACT FCD 2002C029

sional Engineer (Civil)
29737
RNAN A.
STIZABAL
gned 7/29/05
NA, U.S.A.

Flood Control District of Maricopa County

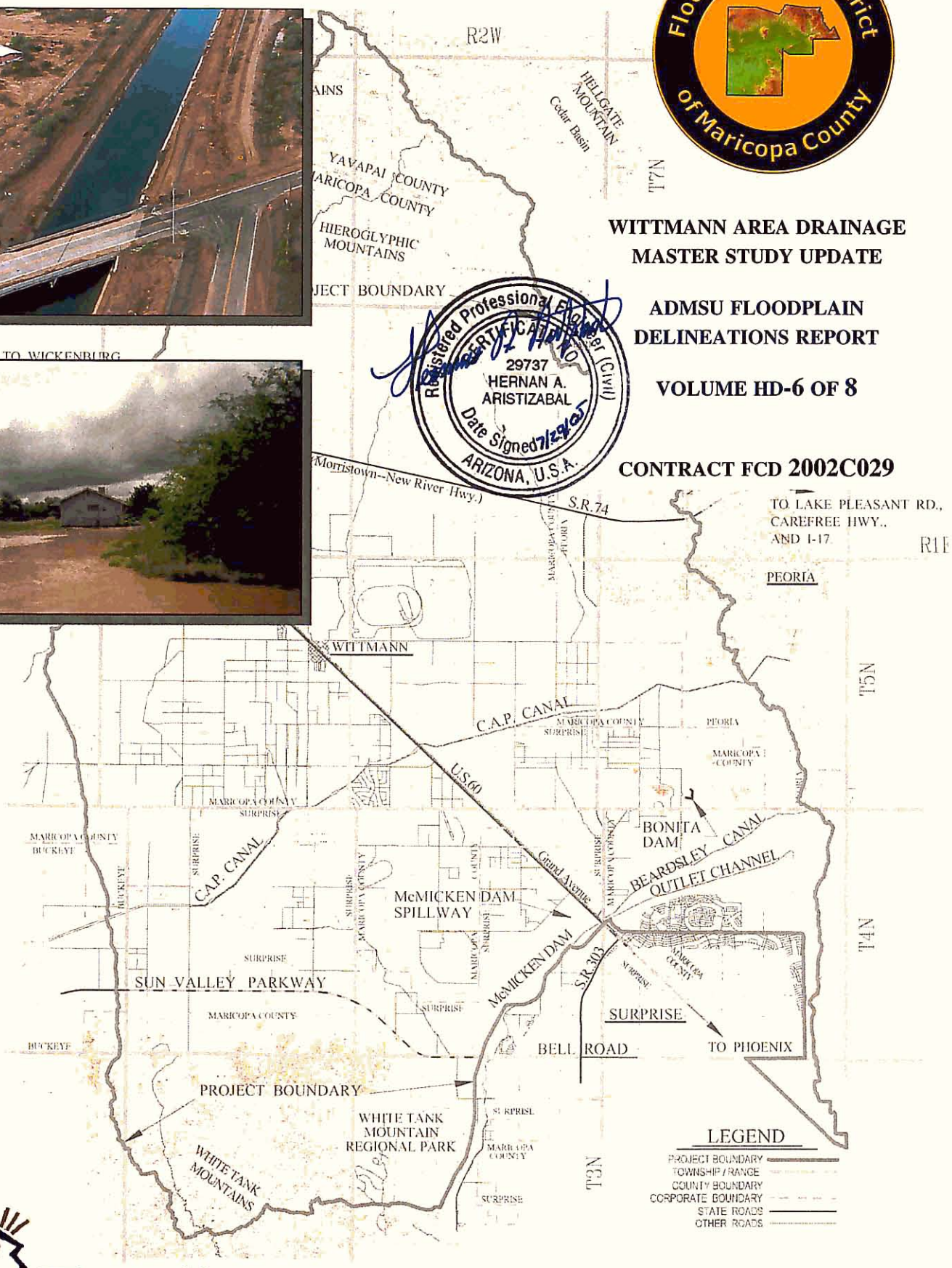
WITTMANN AREA DRAINAGE MASTER STUDY UPDATE

ADMSU FLOODPLAIN DELINEATIONS REPORT

VOLUME HD-6 OF 8

CONTRACT FCD 2002C029

Registered Professional Engineer (Civil)
CERTIFICATE NO. 29737
HERNAN A. ARISTIZABAL
Date Signed 7/29/05
ARIZONA, U.S.A.



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WITTMANN AREA DRAINAGE MASTER STUDY UPDATE

CONTRACT 2002C029

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EXISTING CONDITIONS ANALYSIS (PART I)	EC
ADMSU HYDROLOGY	HY
GEOMORPHOLOGY REPORT	GR
SUBSIDENCE REPORT	SU
ALTERNATIVES IDENTIFICATION (PART II)	AI
RULES OF DEVELOPMENT (PART III)	RD
ALTERNATIVE ANALYSIS MCMICKEN DAM	MA
MCMICKEN DAM HYDROLOGY	MD
MCMICKEN DAM FINAL LANDSCAPE CHARACTER COMPATABILITY ANALYSIS REPORT	LA
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WITTMANN AREA DRAINAGE MASTER STUDY UPDATE

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3. T5N-R3W-S19
4. IONA WASH
5. IONA WASH (ZONE AO)
6. IONA WASH (NORTH)
7. IONA NORTH WEST SPLIT-1
8. IONA TRIBUTARY (ZONE A)
9. IONA EAST SPLIT-1
10. IONA EAST SPLIT-2
11. TRILBY WASH
12. CIRCLE CITY AREA WASH 1
13. WASH 2 WEST (NORTH OF CAP)
14. 2 WEST TRIBUTARY-1
15. 2 WEST TRIBUTARY-2
16. WITTMANN WASH
17. WITTMANN WASH (NORTH SPLIT)
18. WITTMANN WASH (SOUTH SPLIT)
19. WITTMANN TRIBUTARY
20. T5N-R3W-S24E
21. T5N-R2W-S19E
22. T5N-R2W-S19W
23. T5N-R3W-S01S
24. T5N-R2W-S07
25. WASH 2 EAST (NORTH OF CAP)
26. 2 EAST TRIBUTARY
27. T5N-R2W-S14N (ZONE A)
28. T5N-R2W-S14S (ZONE A)
29. T5N-R2W-S14W (ZONE A)
30. T5N-R2W-S11 (ZONE A)
31. WASH 7 EAST
32. 7 EAST TRIBUTARY
33. IONA EAST (SOUTH OF CAP)
34. IONA WEST (SOUTH OF CAP)
35. WASH 2 WEST (SOUTH OF CAP)
36. WASH 1 WEST
37. WASH 1 EAST
38. WASH 2 EAST (SOUTH OF CAP)
39. 2 EAST DIKE FAILURE
40. WASH 3 EAST
41. WASH 3 EAST (ZONE A)
42. WASH 4 EAST
43. 4 EAST DIKE FAILURE
44. WASH 5 EAST
45. WASH 5 EAST (ZONE AO)
46. WASH 6 EAST
47. 6 EAST SOUTH
48. 6 EAST (ZONE A)
49. 7 EAST-EAST SPLIT
50. 7 EAST-WEST SPLIT
51. WASH 8 EAST
52. 7 EAST and 8 EAST (ZONE A)
53. WASH 9 EAST
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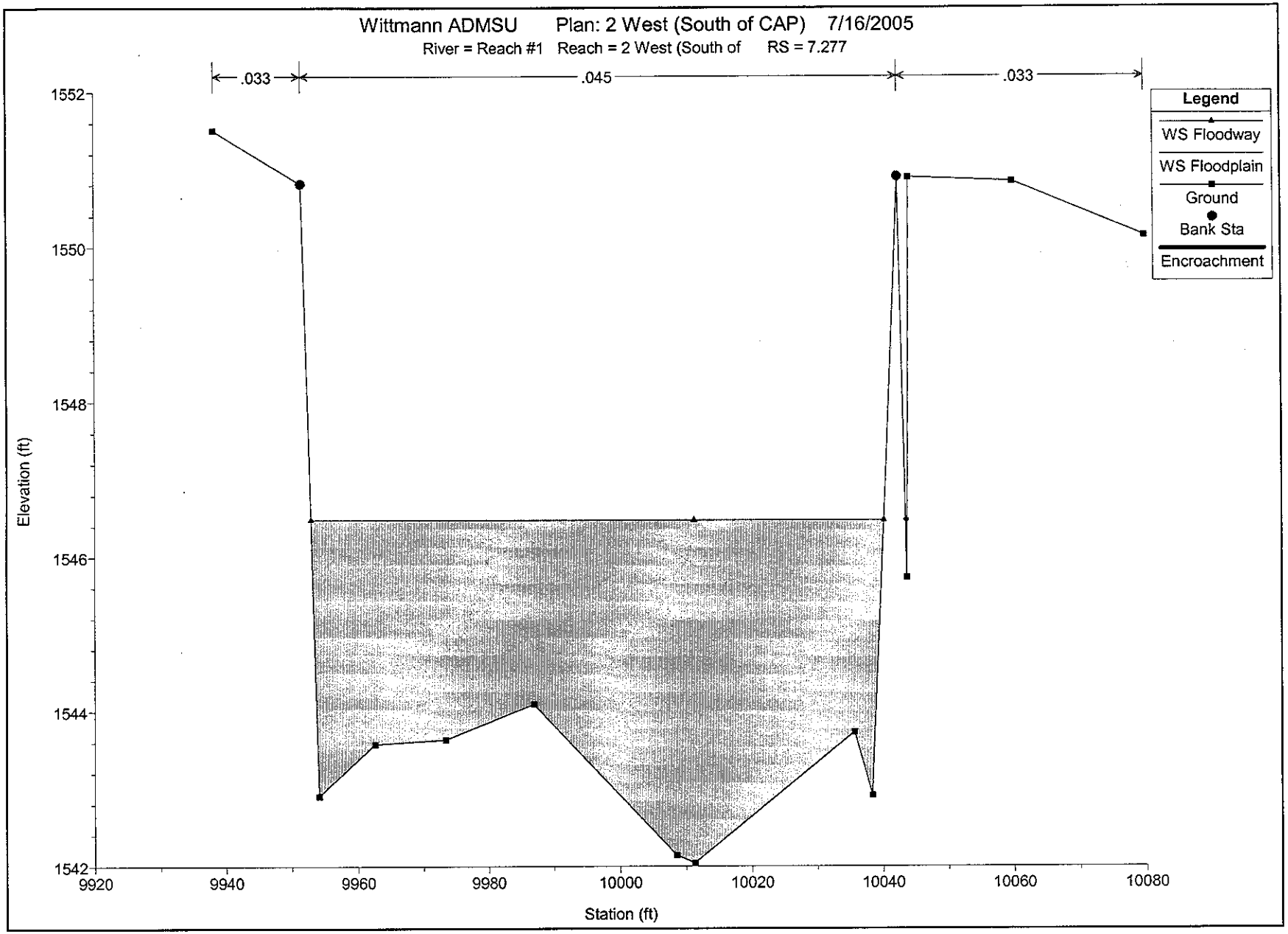
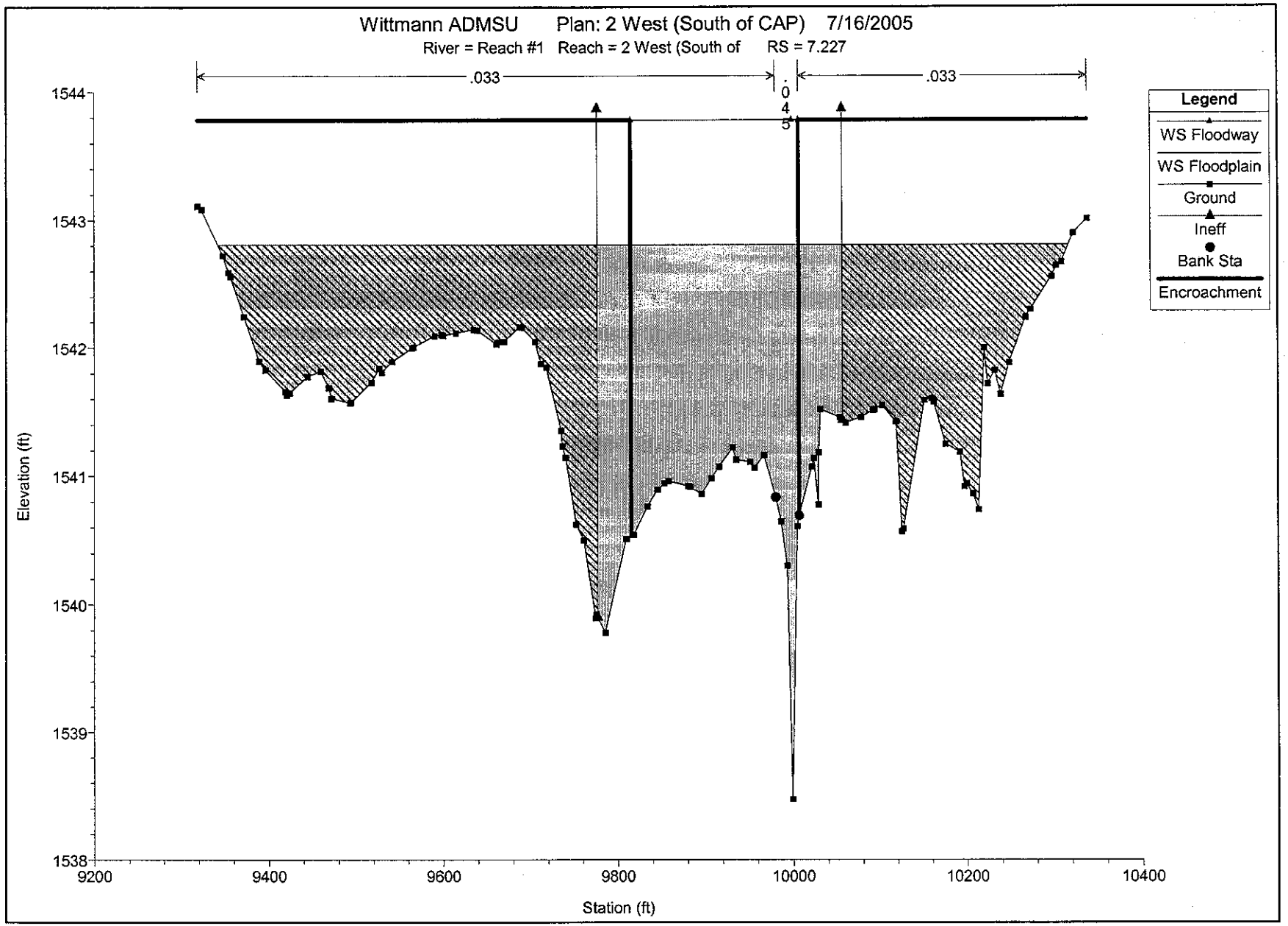
61. WASH 12 EAST
62. 12 EAST SPLIT
63. WASH 13 EAST
64. WASH 14 EAST

2 WEST (SOUTH OF CAP)


Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 7.277
.033
.045
.033
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1552
1550
1548
1546
1544
1542
9920
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)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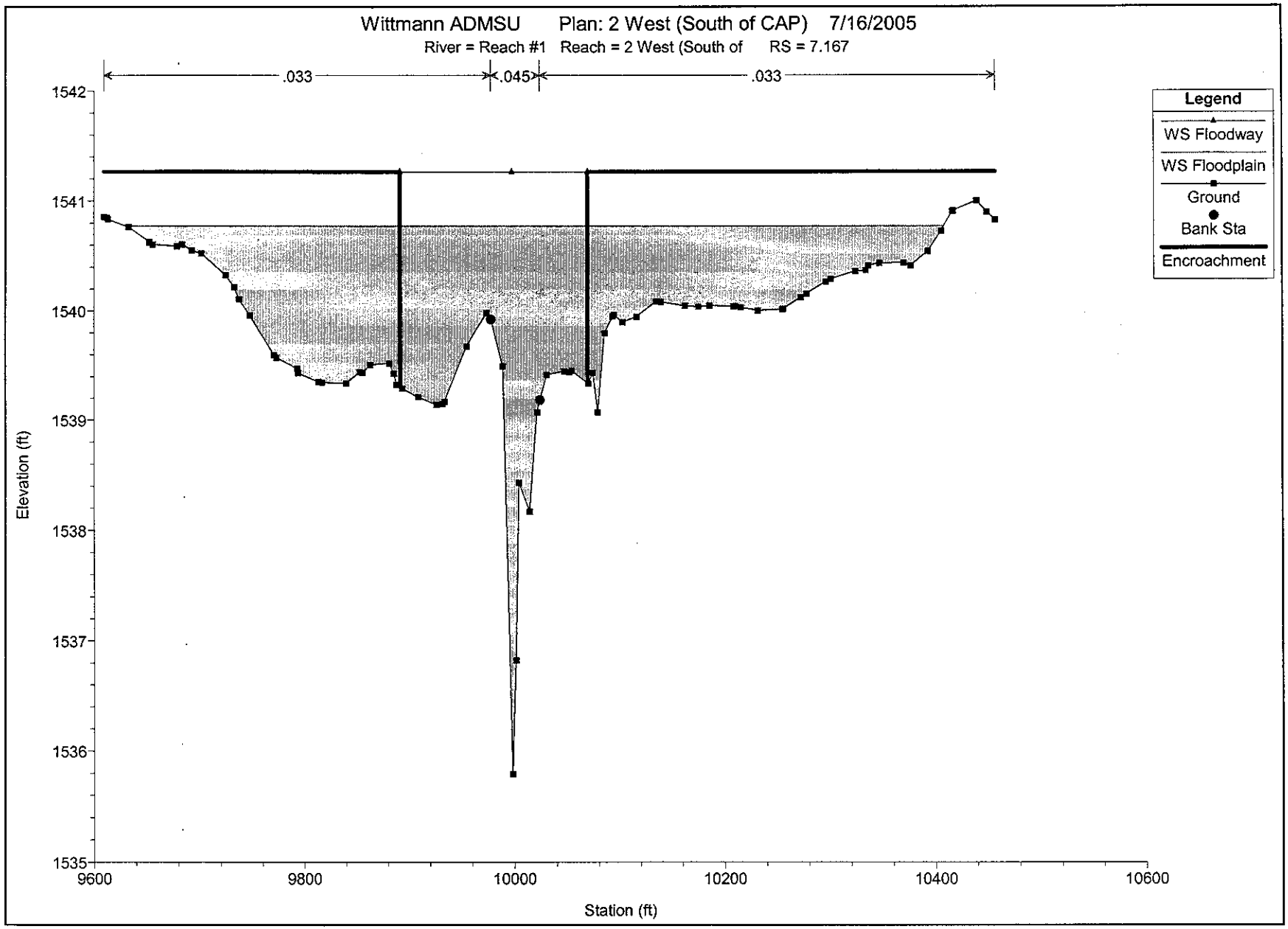
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1544
1543
1542
1541
1540
1539
1538
9200
9400
9600
9800
10000
10200
10400
Station (ft)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WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
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1536
1535
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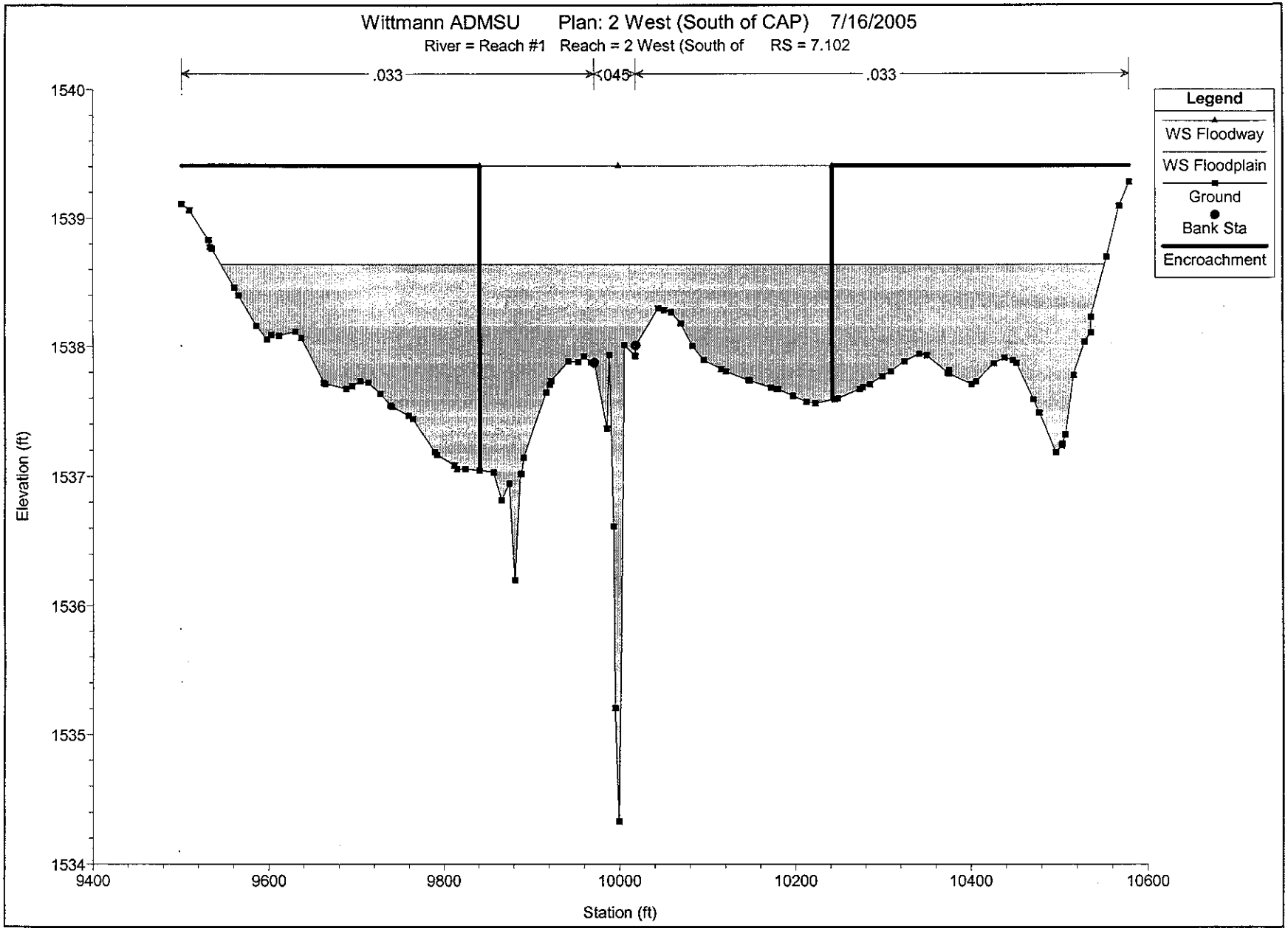
Station (ft)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WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
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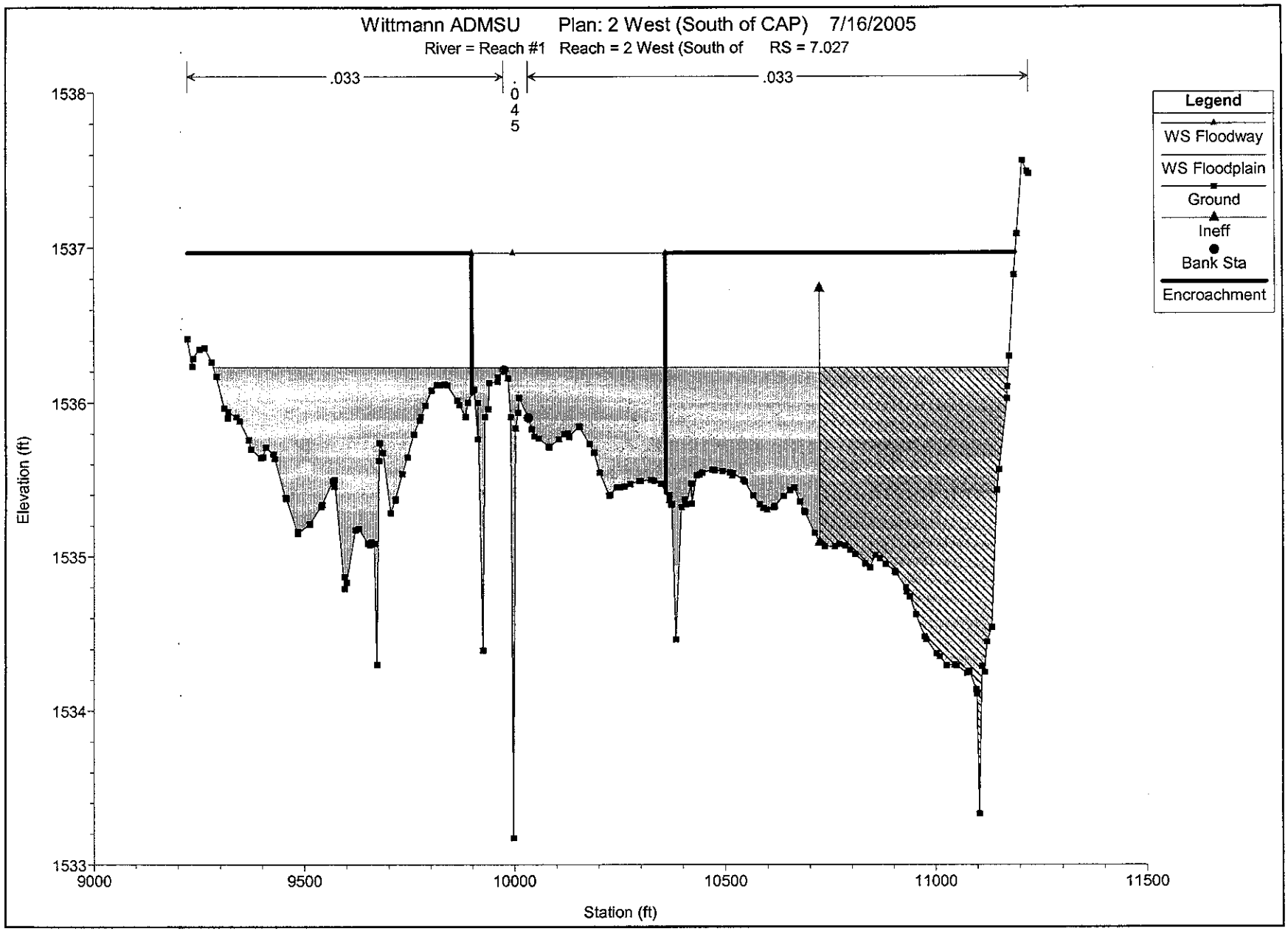
9600
9800
10000
10200
10400
10600
Station (ft)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.045
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Legend
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WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
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1535
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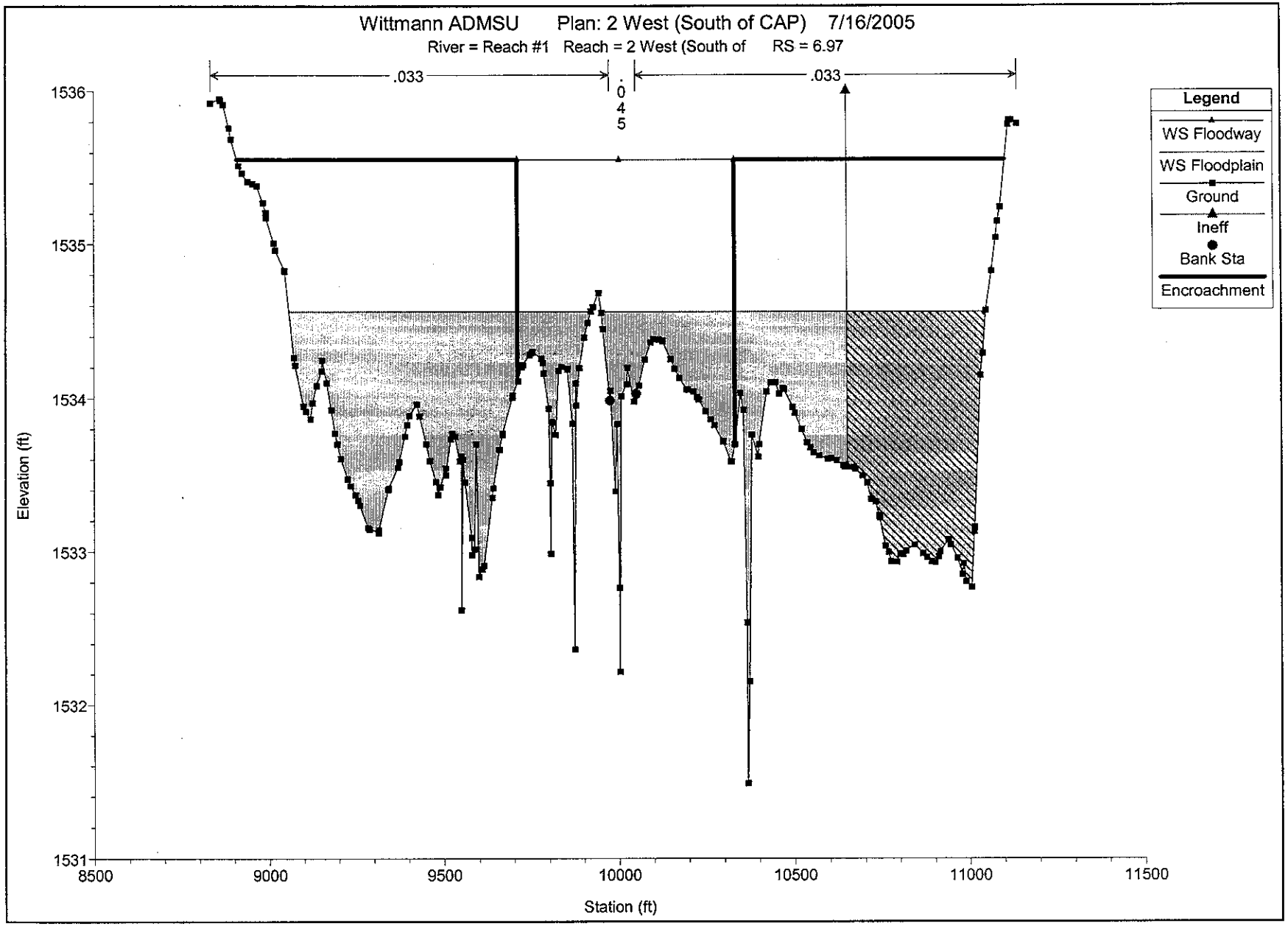
1533
9000
9500
10000
10500
11000
11500
Station (ft)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.045
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WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
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1532
1531
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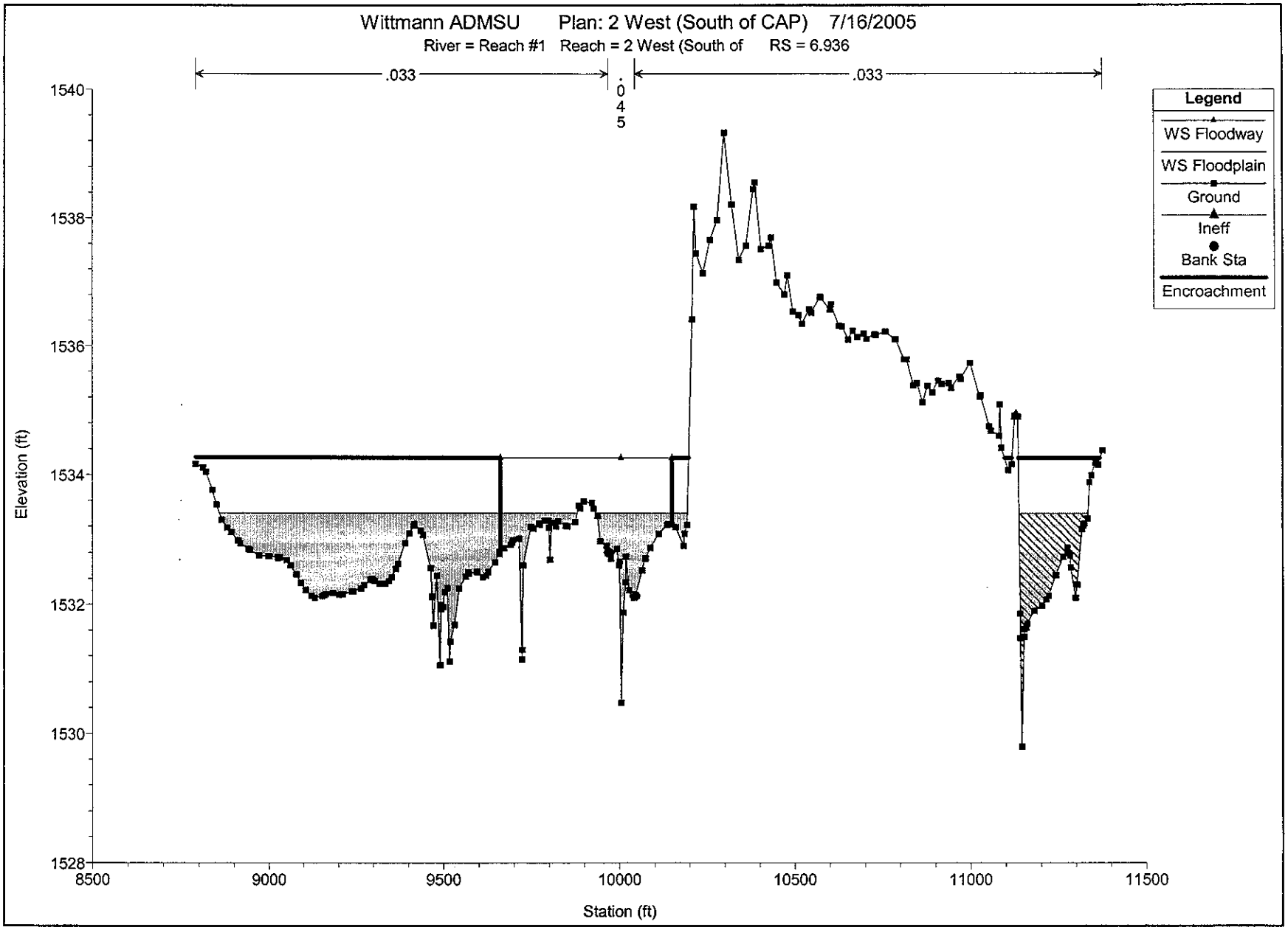
9000
9500
10000
10500
11000
11500
Station (ft)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WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
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11000
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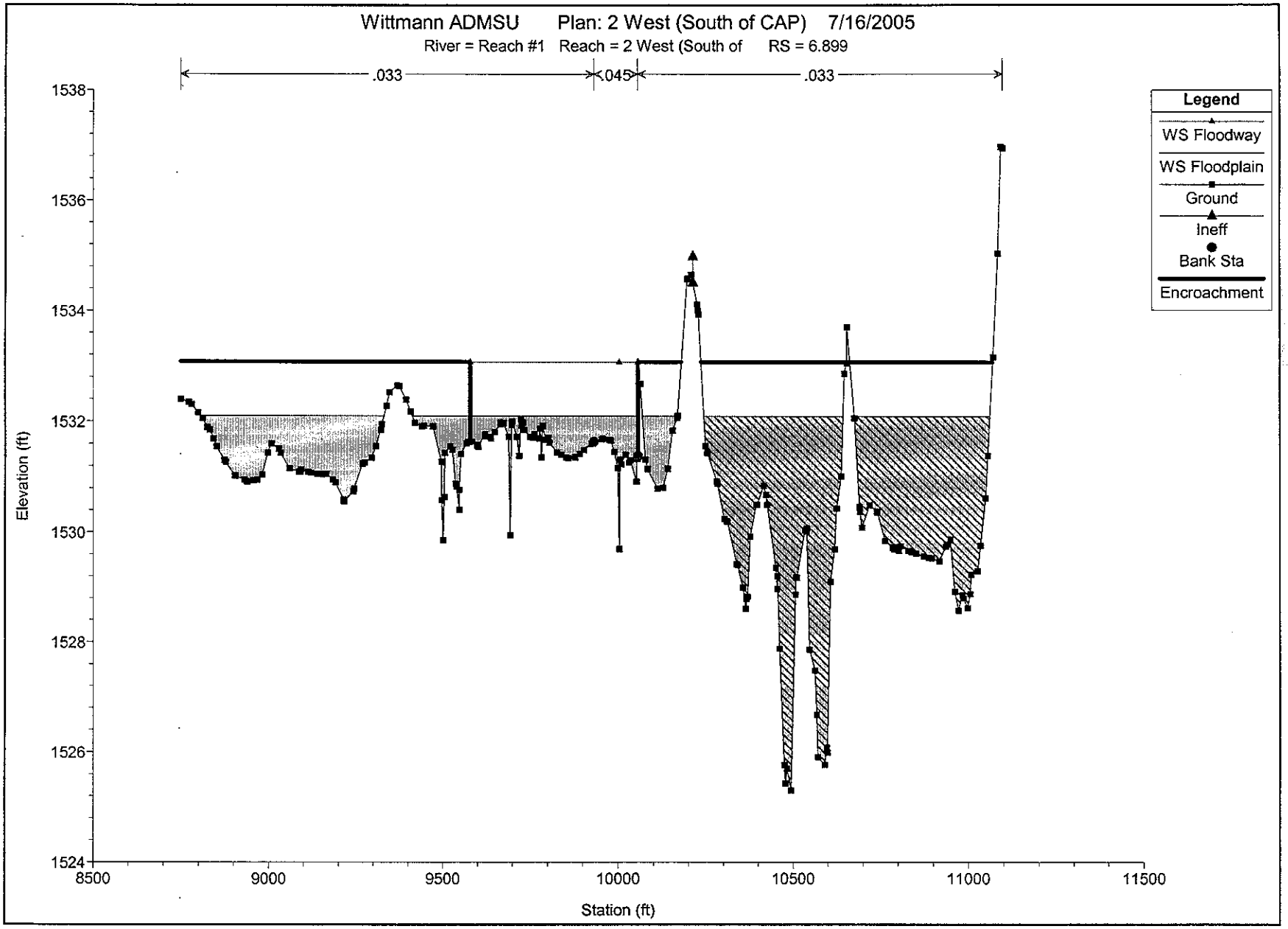
Station (ft)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.045
.033
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1538
1536
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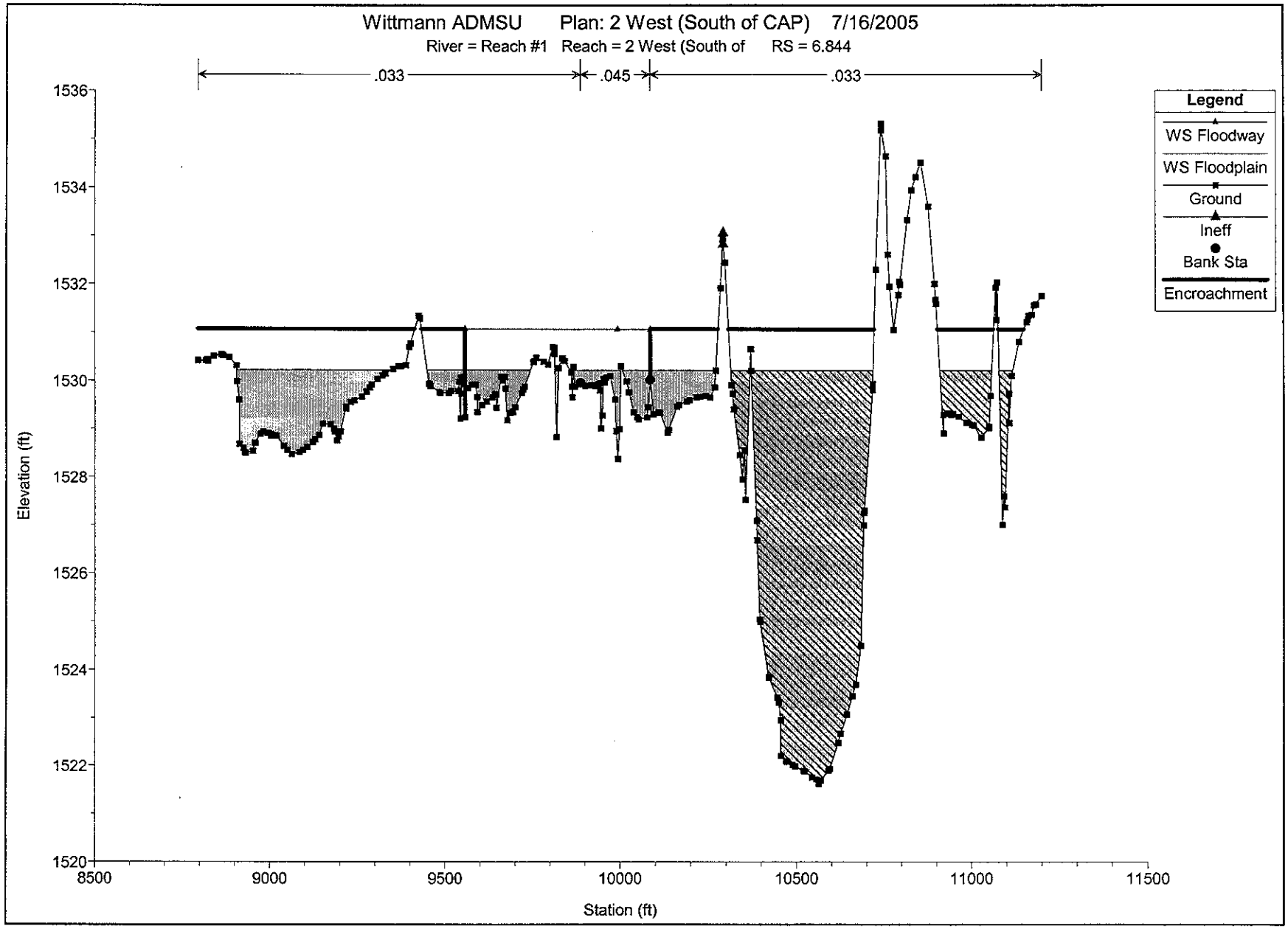
11500
Station (ft)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Ineff
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Encroachment
Elevation (ft)
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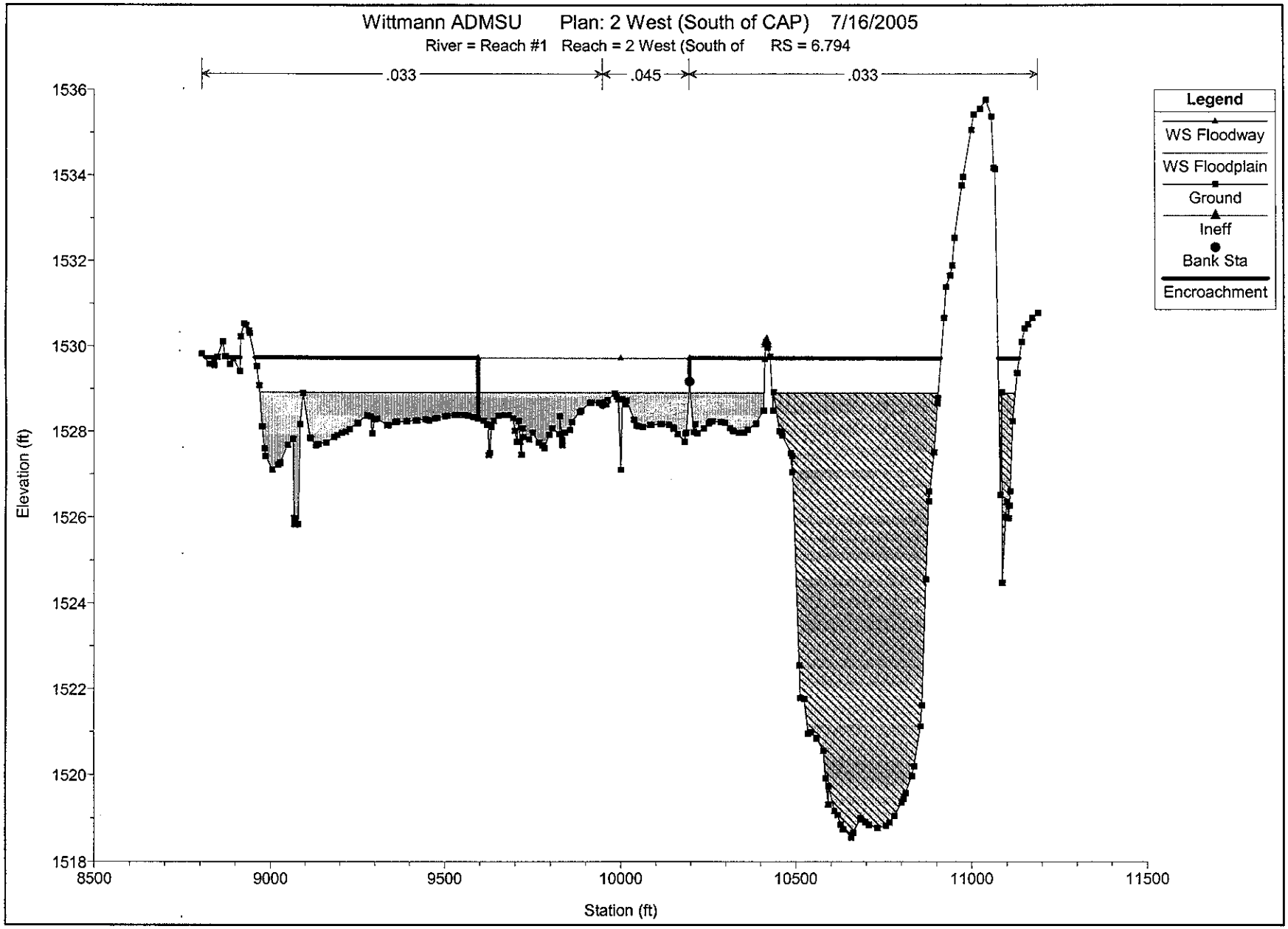
Station (ft)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WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
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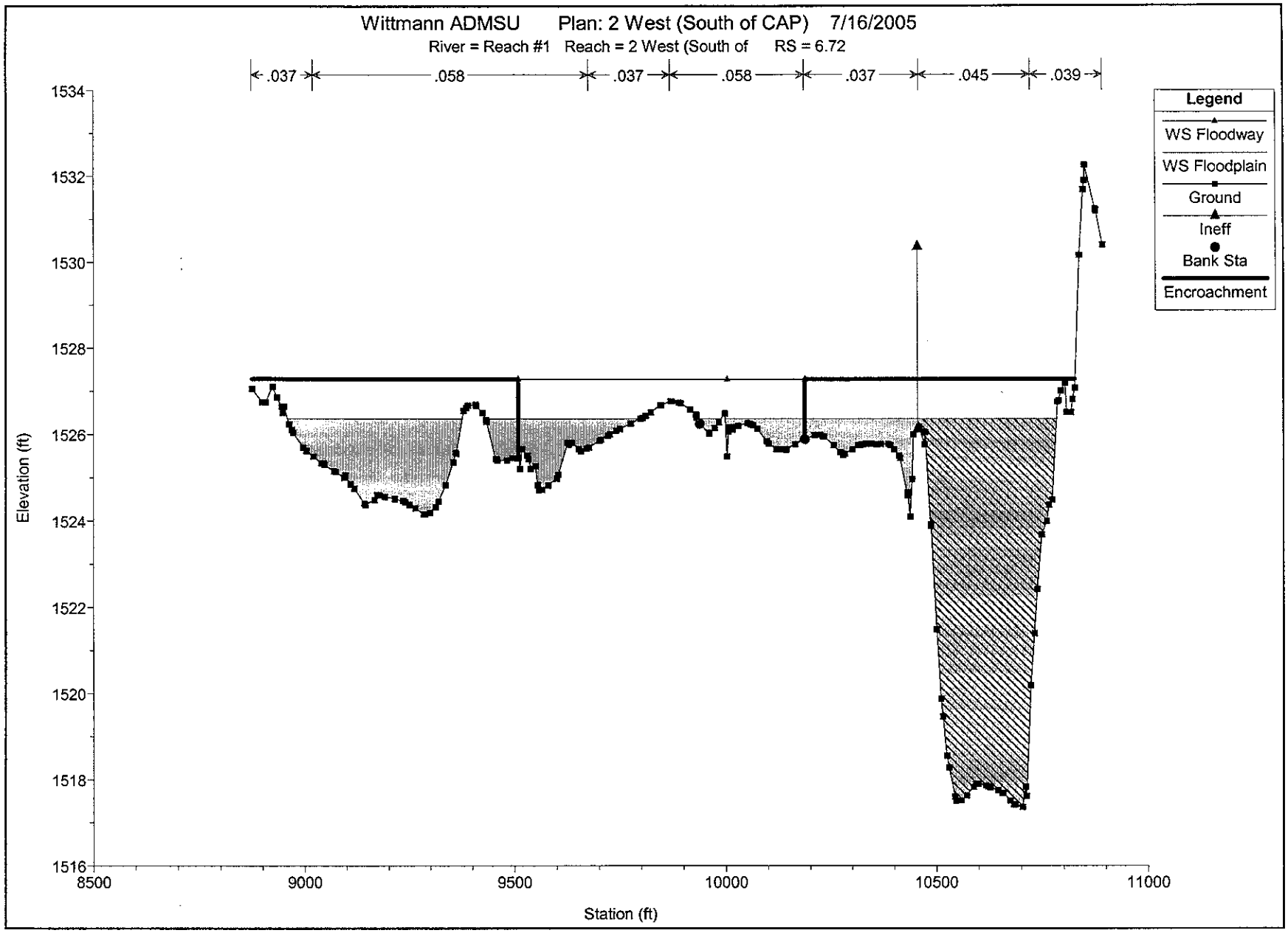
Station (ft)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.058
.037
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.045
.039
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1534
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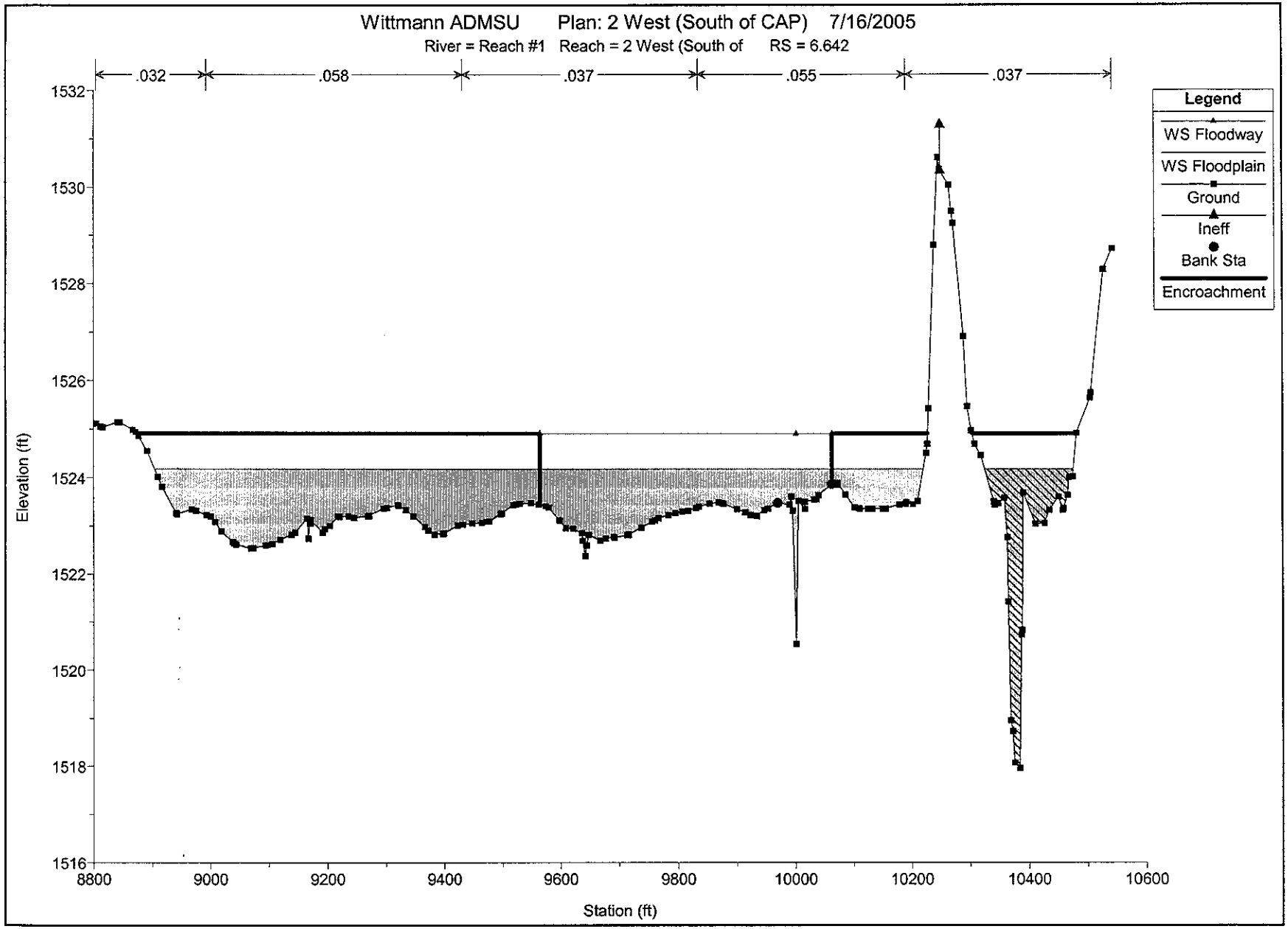
Station (ft)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Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
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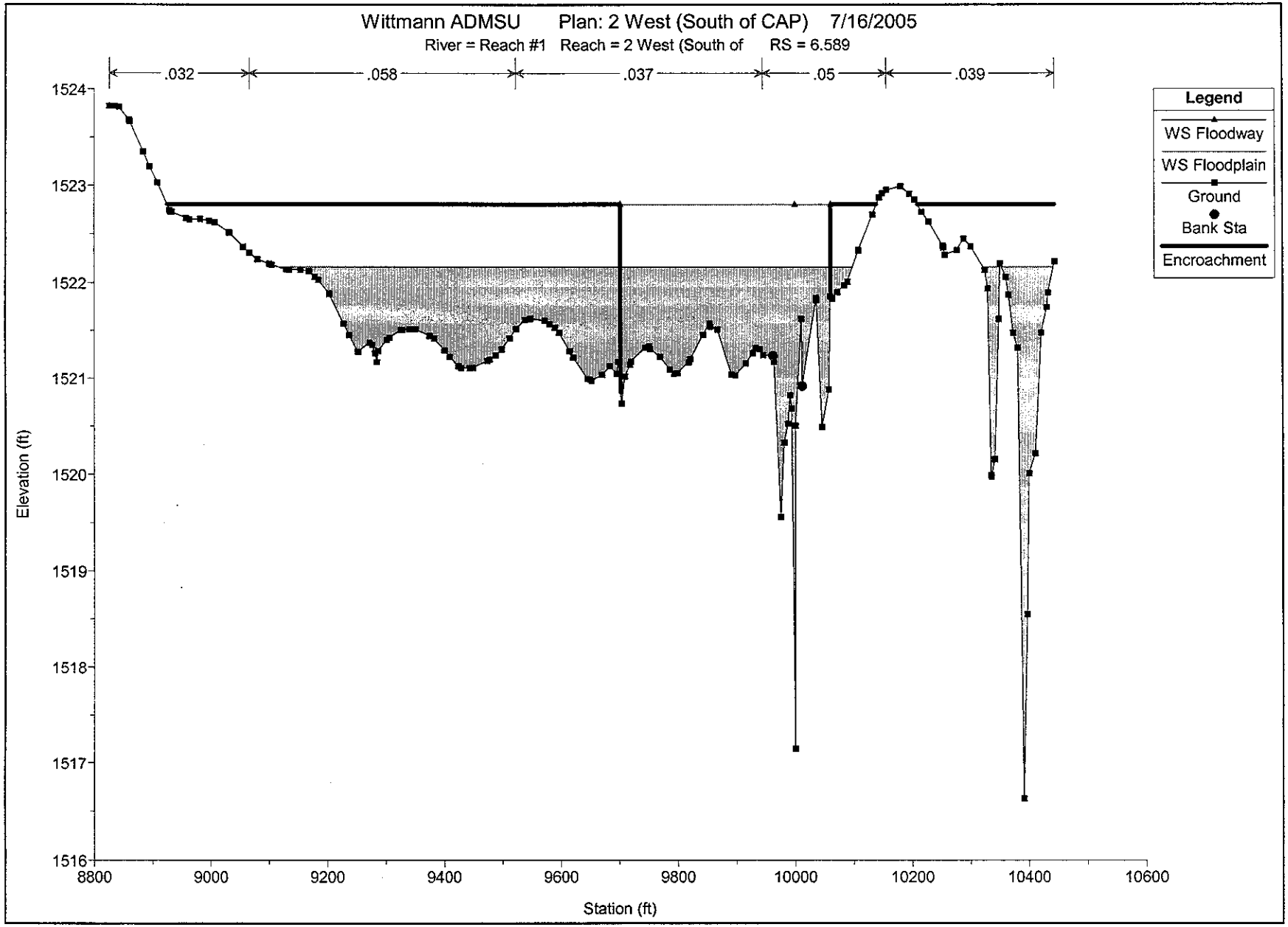
Station (ft)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Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
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1522
1521
1520
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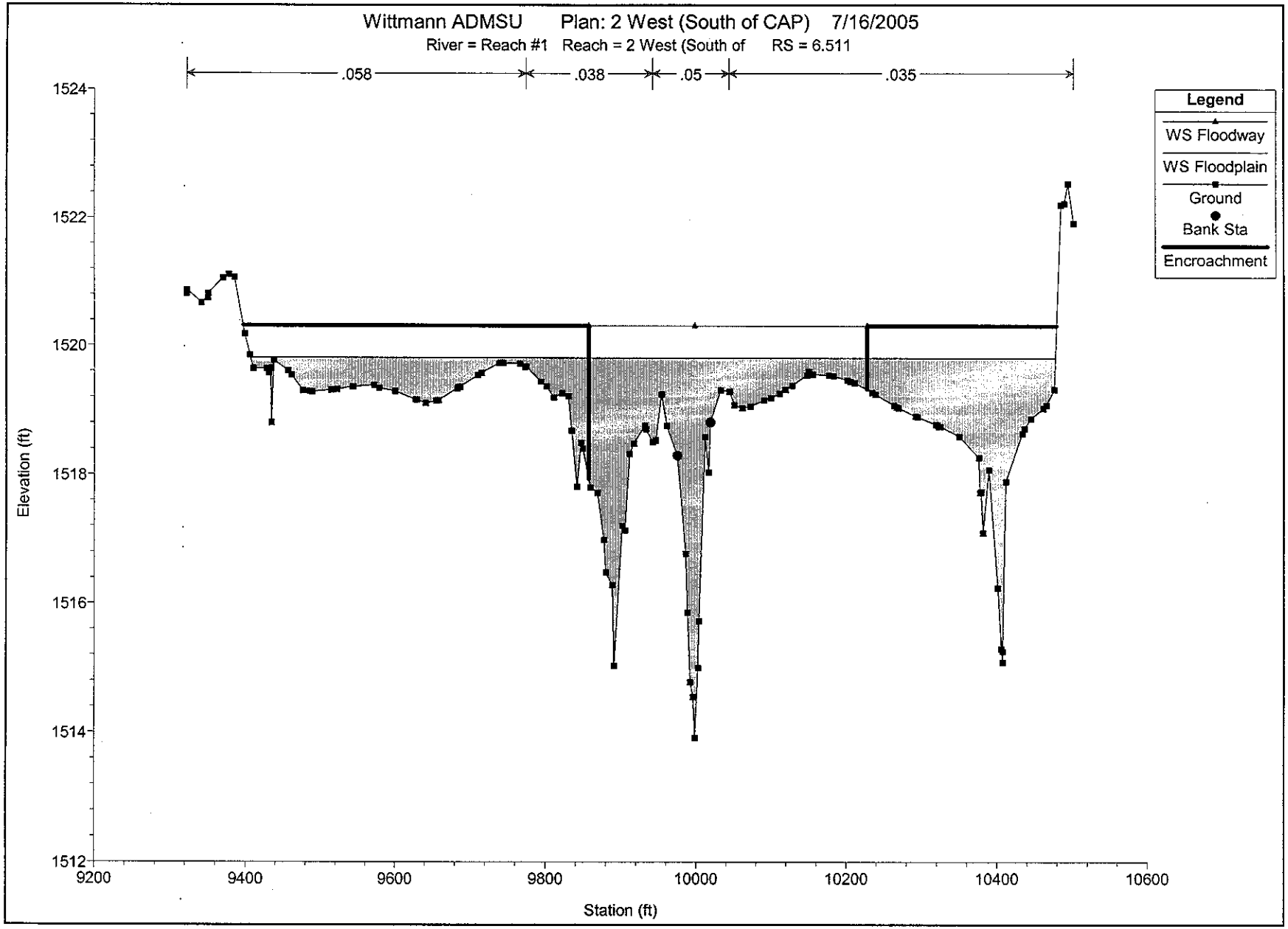
10400
10600
Station (ft)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Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
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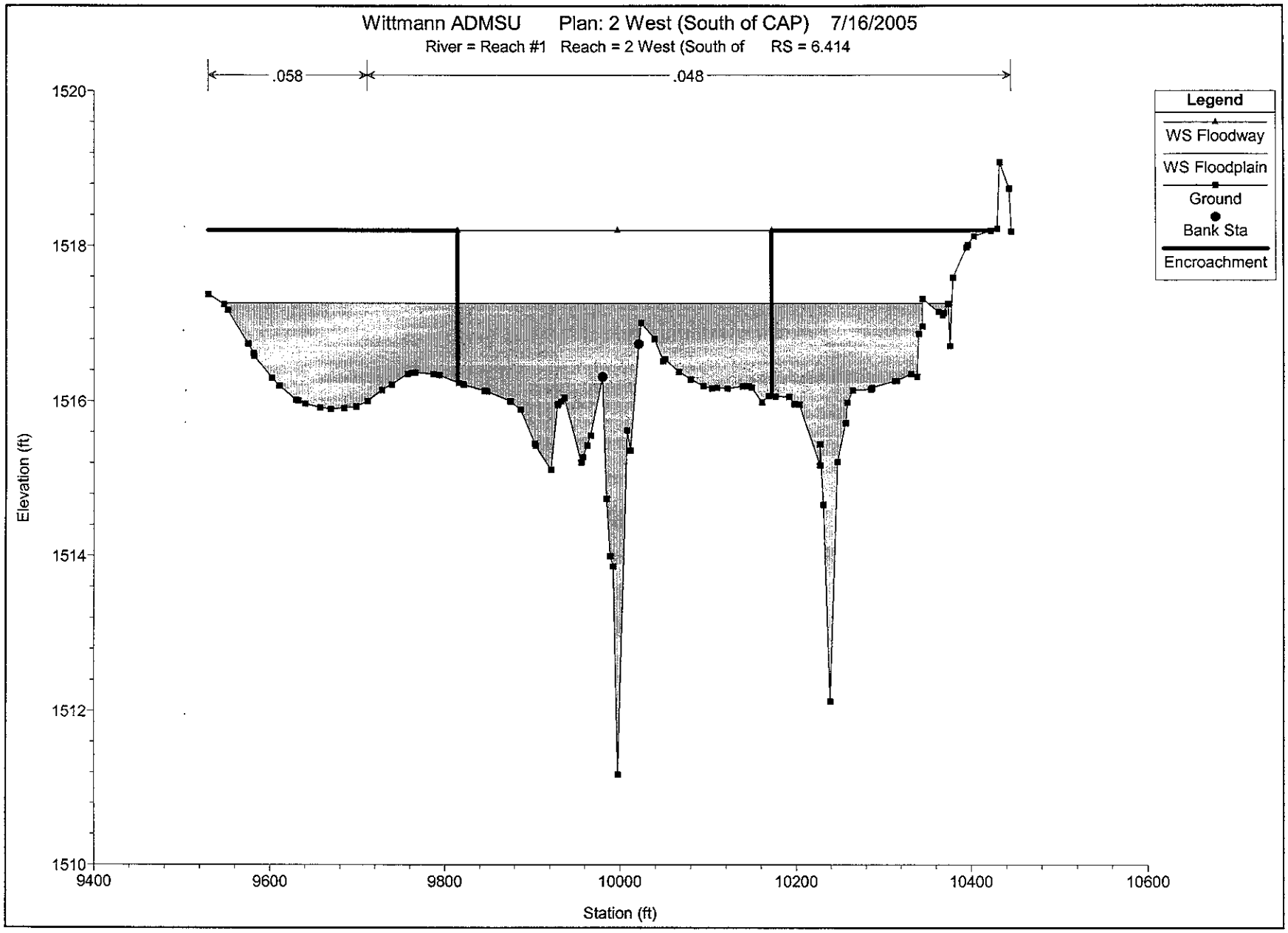
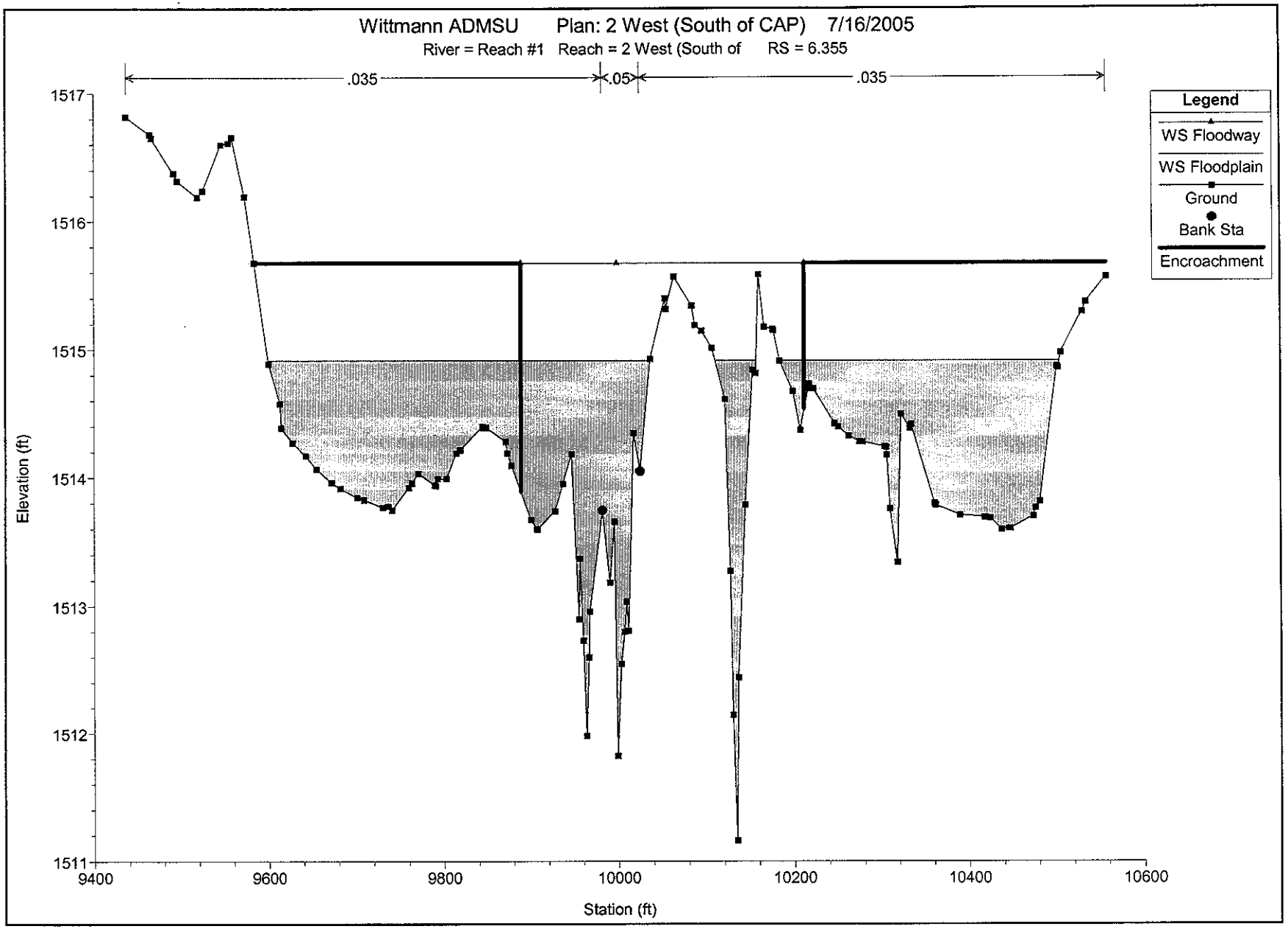
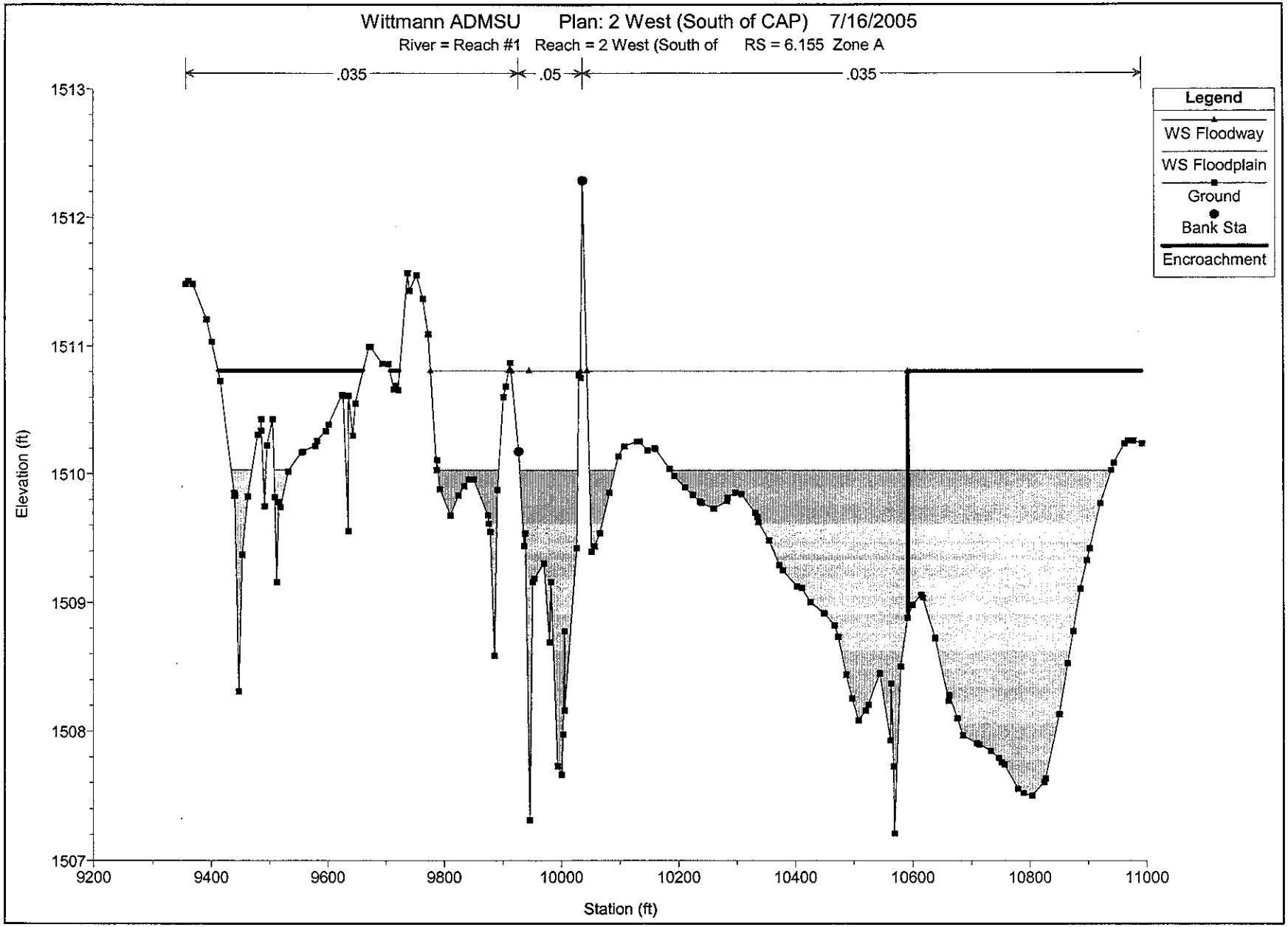
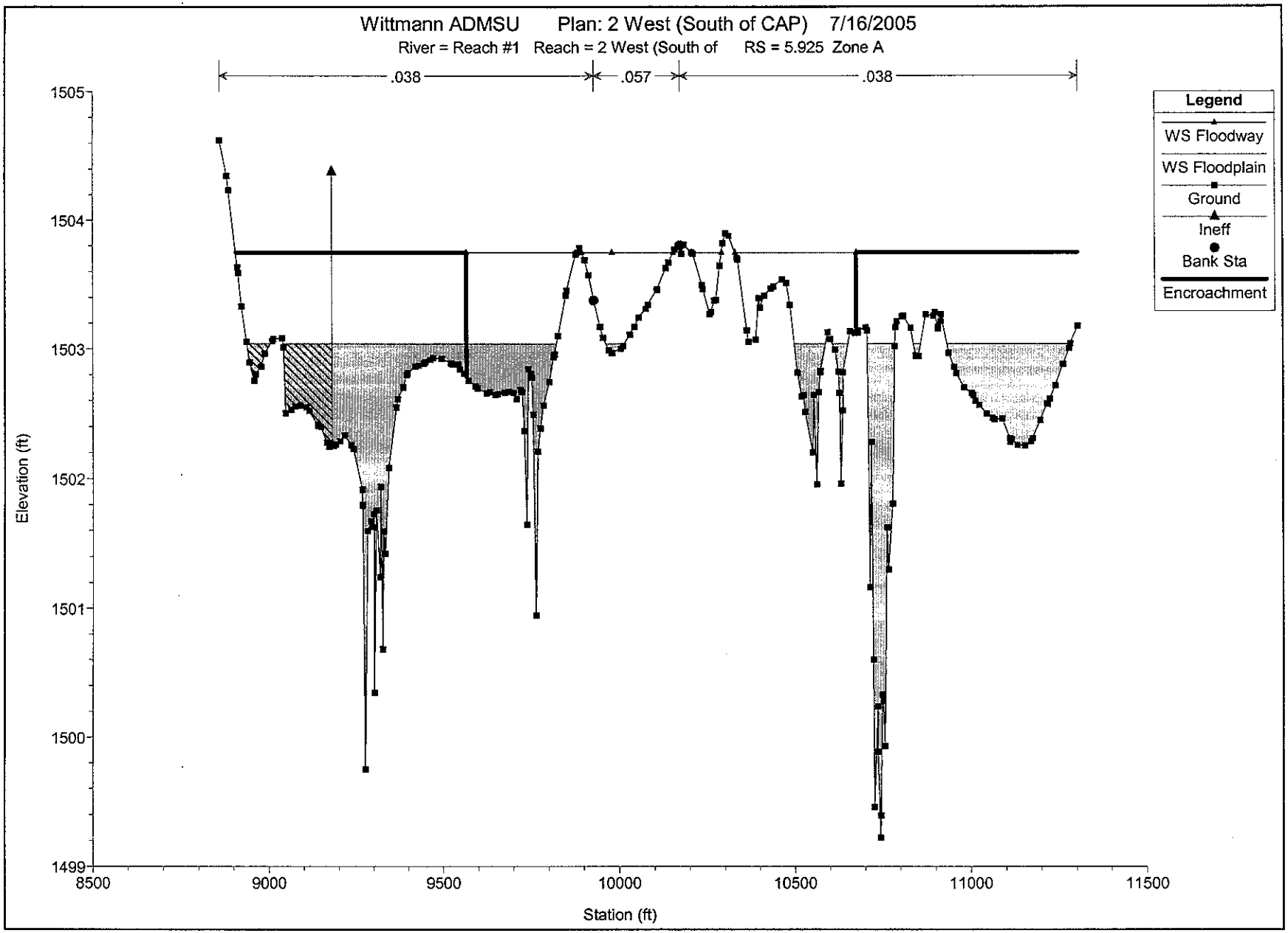
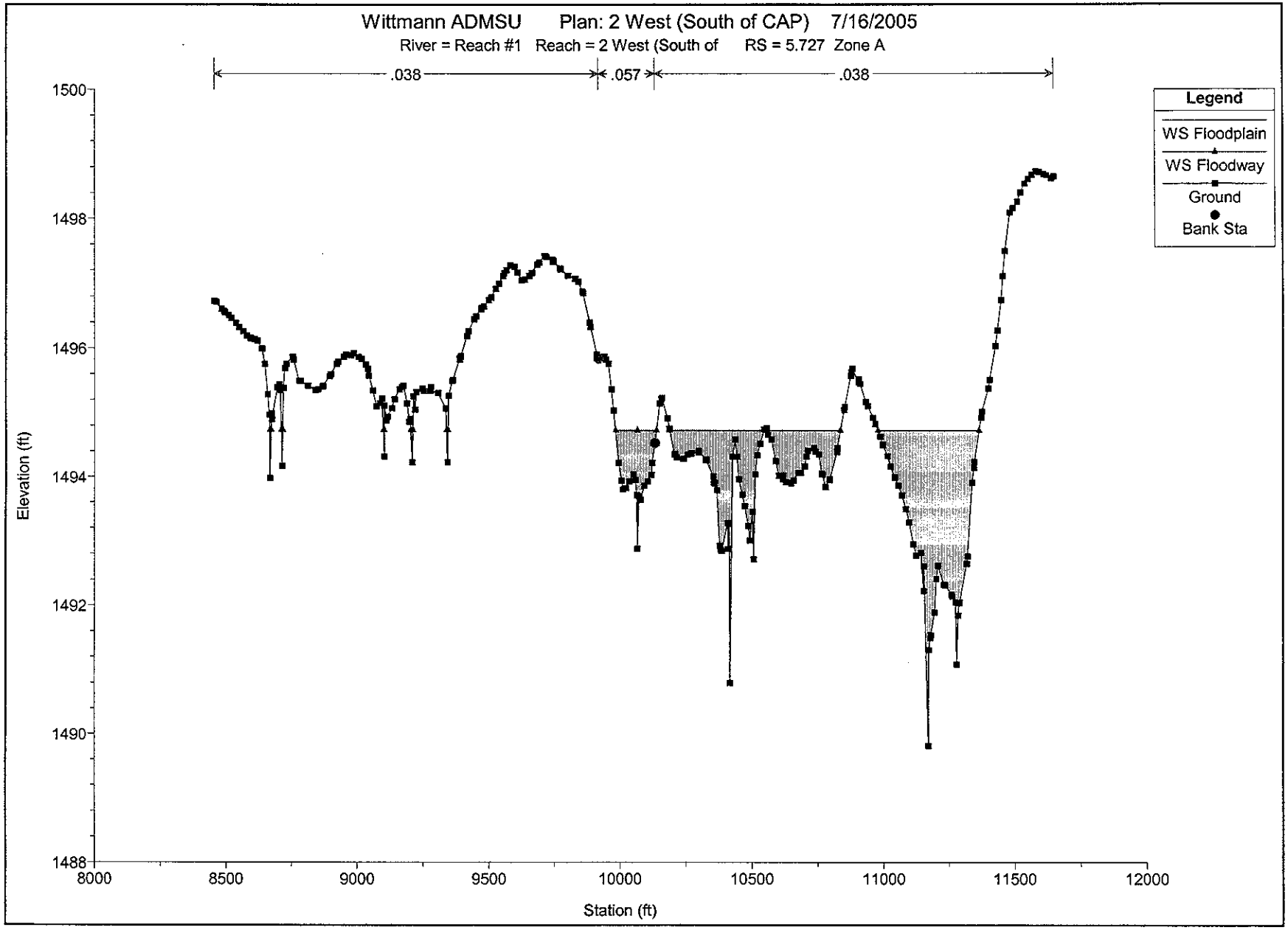
1518
1516
1514
1512
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

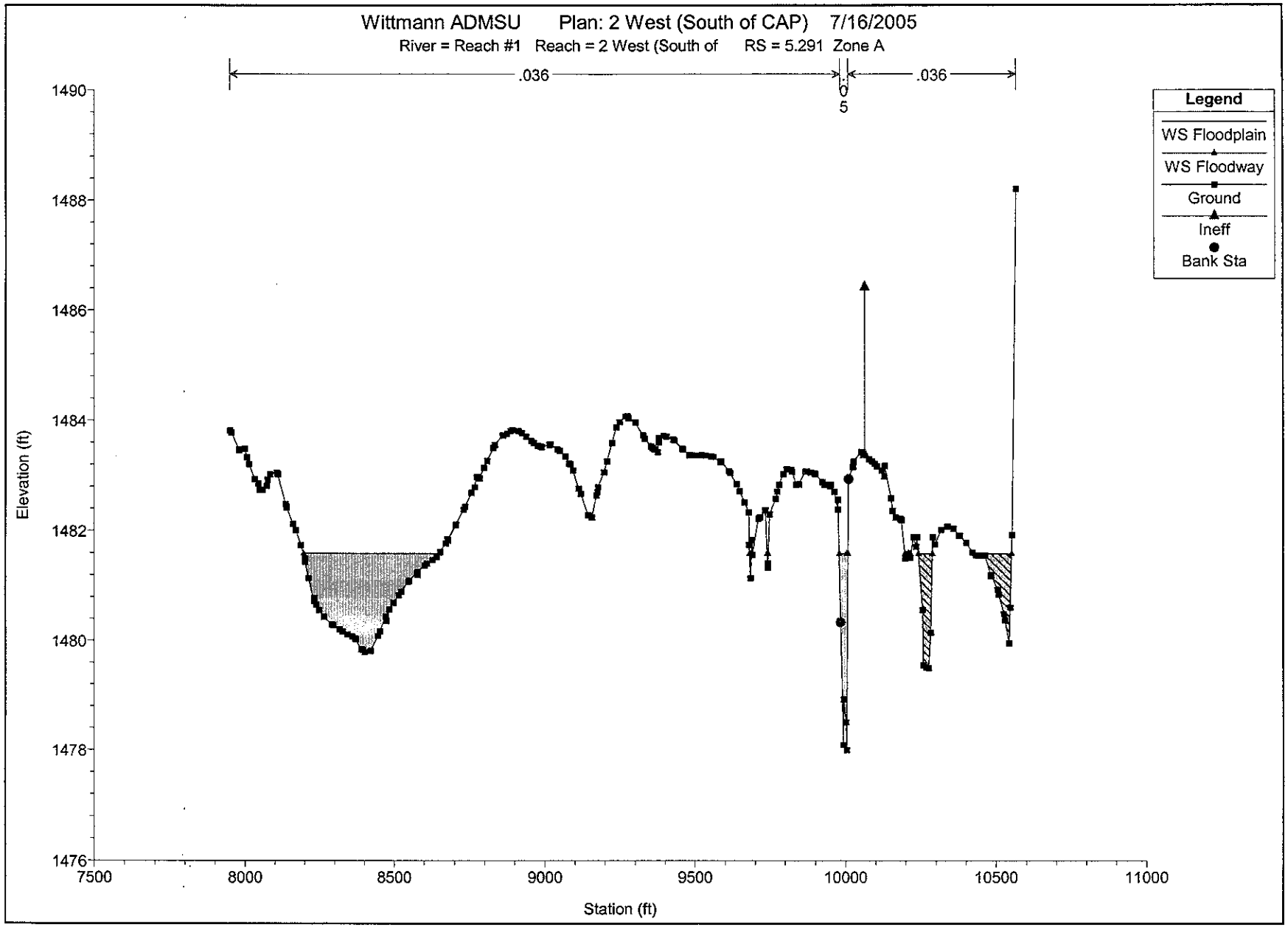

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 6.414
.058
.048
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1520
1518
1516
1514
1512
1510
9400
9600
9800
10000
10200
10400
10600
Station (ft)

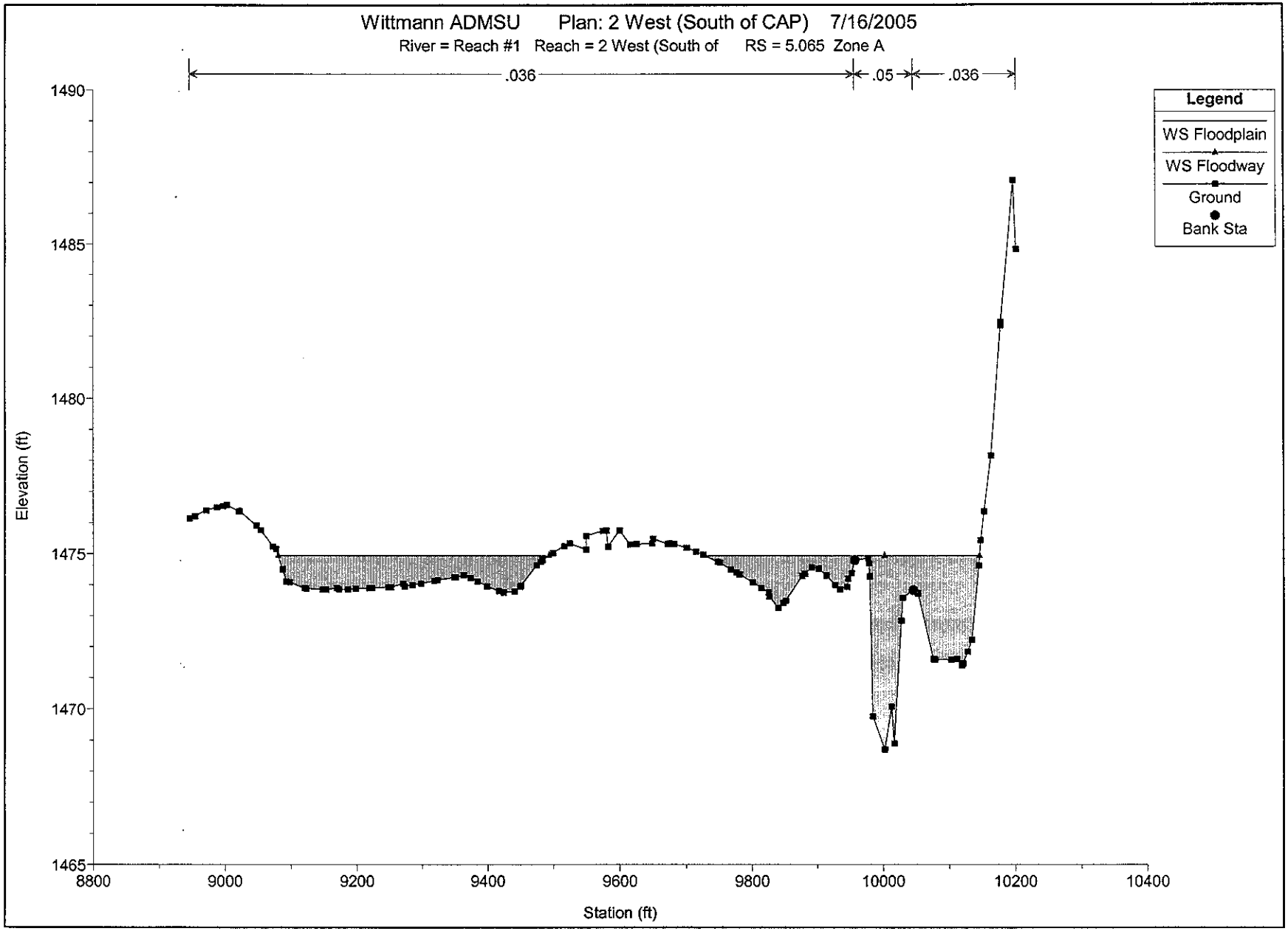

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 6.355
.035
.05
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1517
1516
1515
1514
1513
1512
1511
9400
9600
9800
10000
10200
10400
10600
Station (ft)

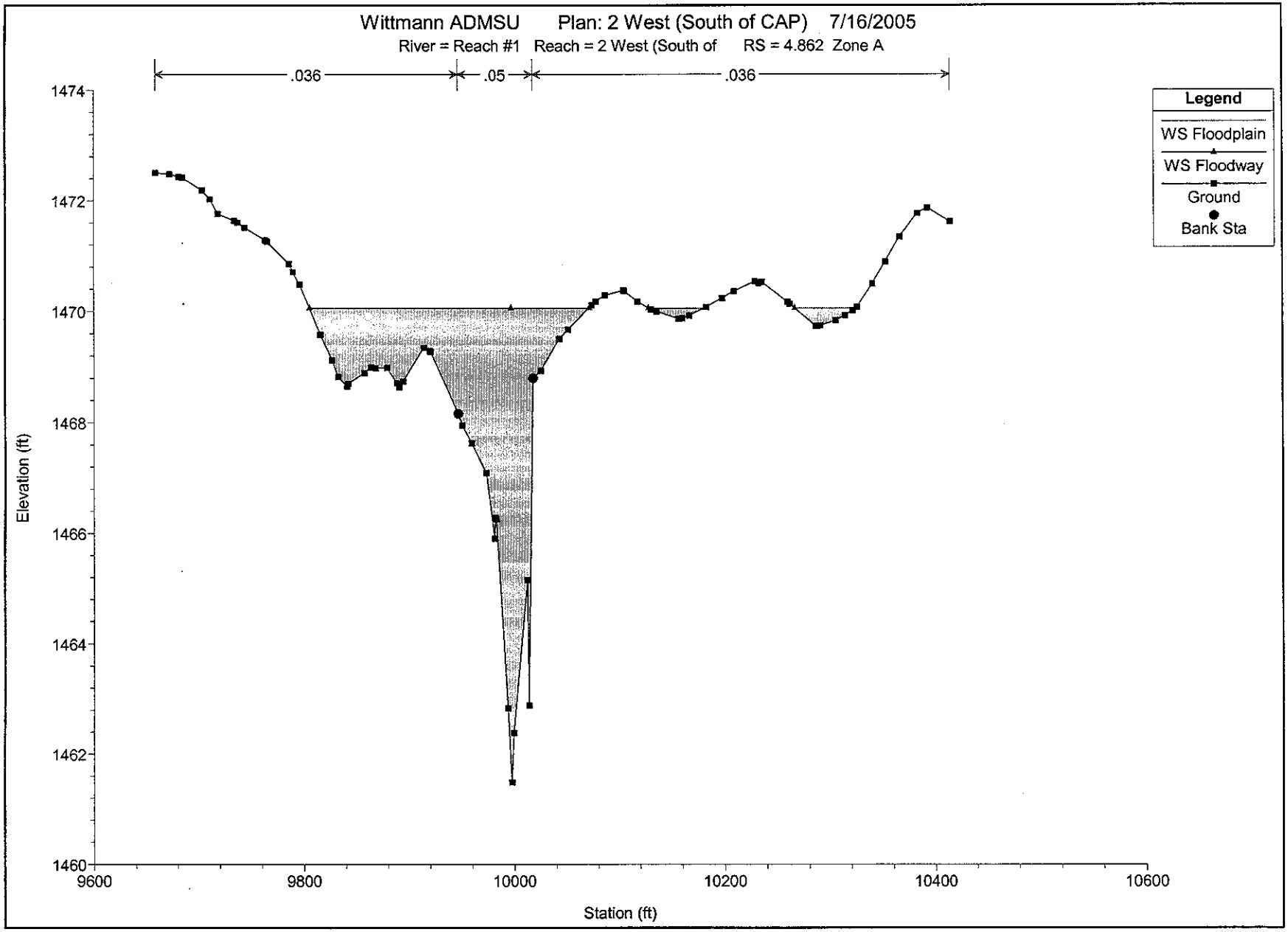

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 6.155 Zone A
.035
.05
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1513
1512
1511
1510
1509
1508
1507
9200
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

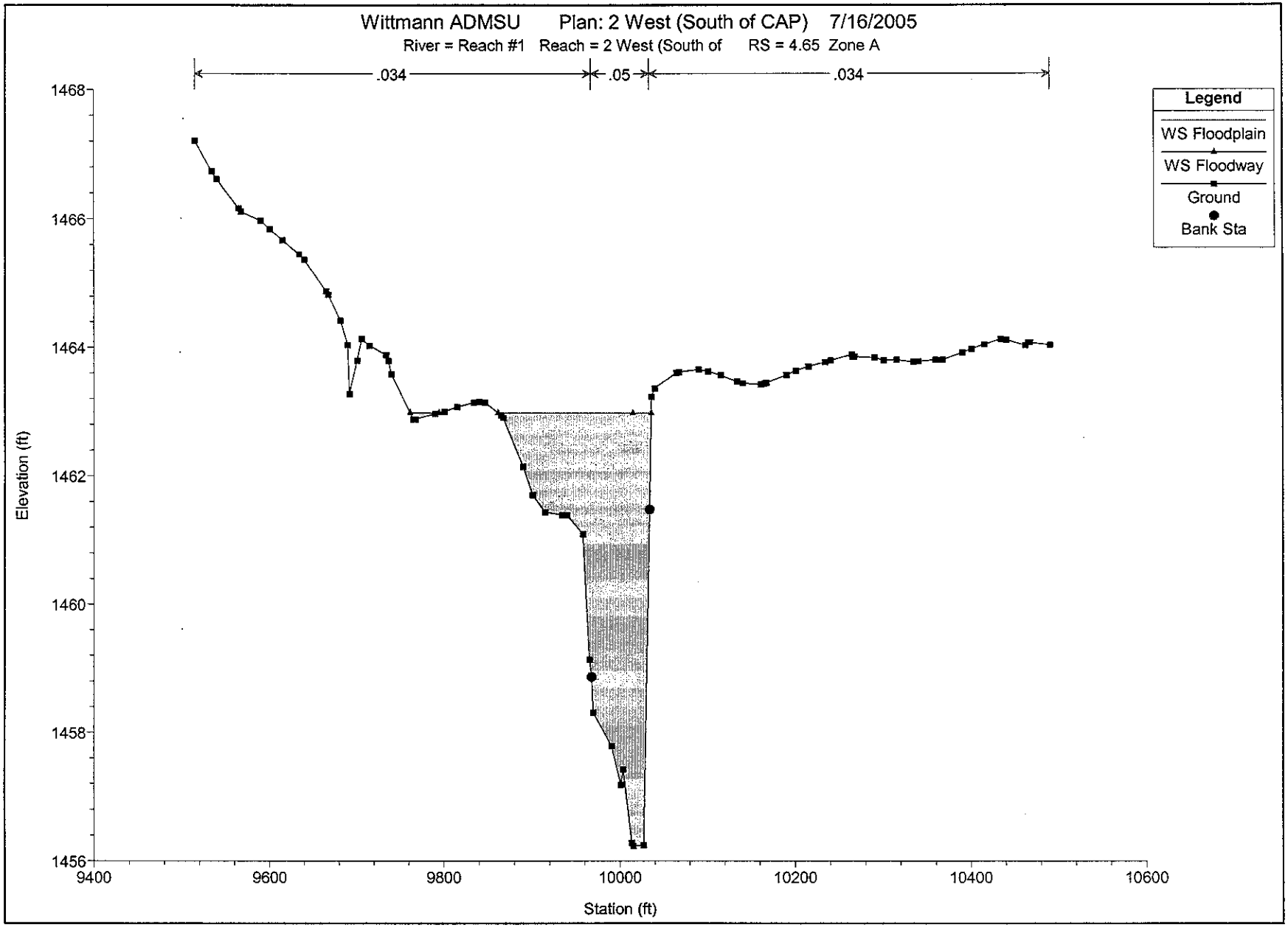

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 5.925 Zone A
.038
.057
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1505
1504
1503
1502
1501
1500
1499
8500
9000
9500
10000
10500
11000
11500
Station (ft)

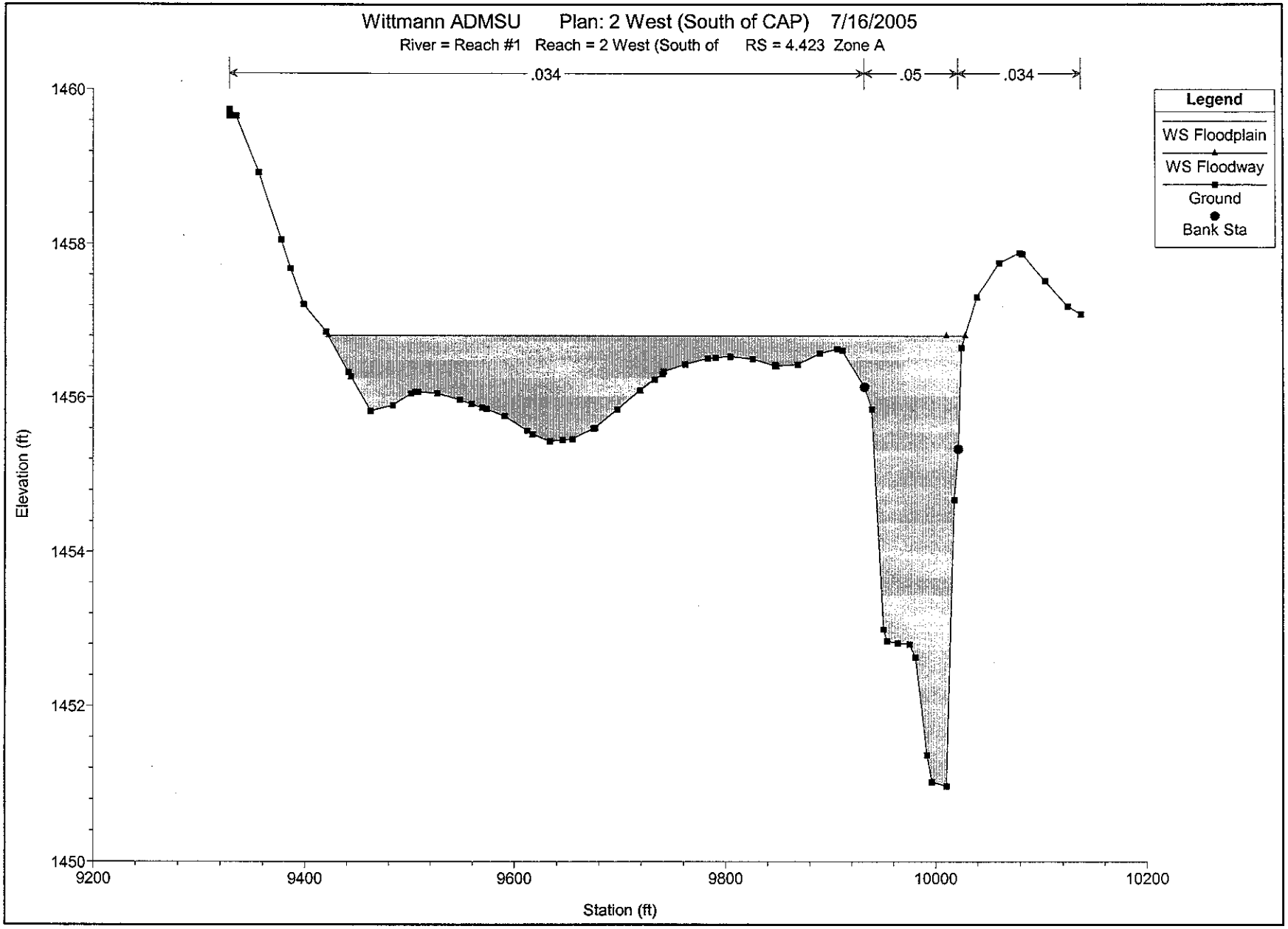

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 5.727 Zone A
.038
.057
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1500
1498
1496
1494
1492
1490
1488
8000
8500
9000
9500
10000
10500
11000
11500
12000
Station (ft)

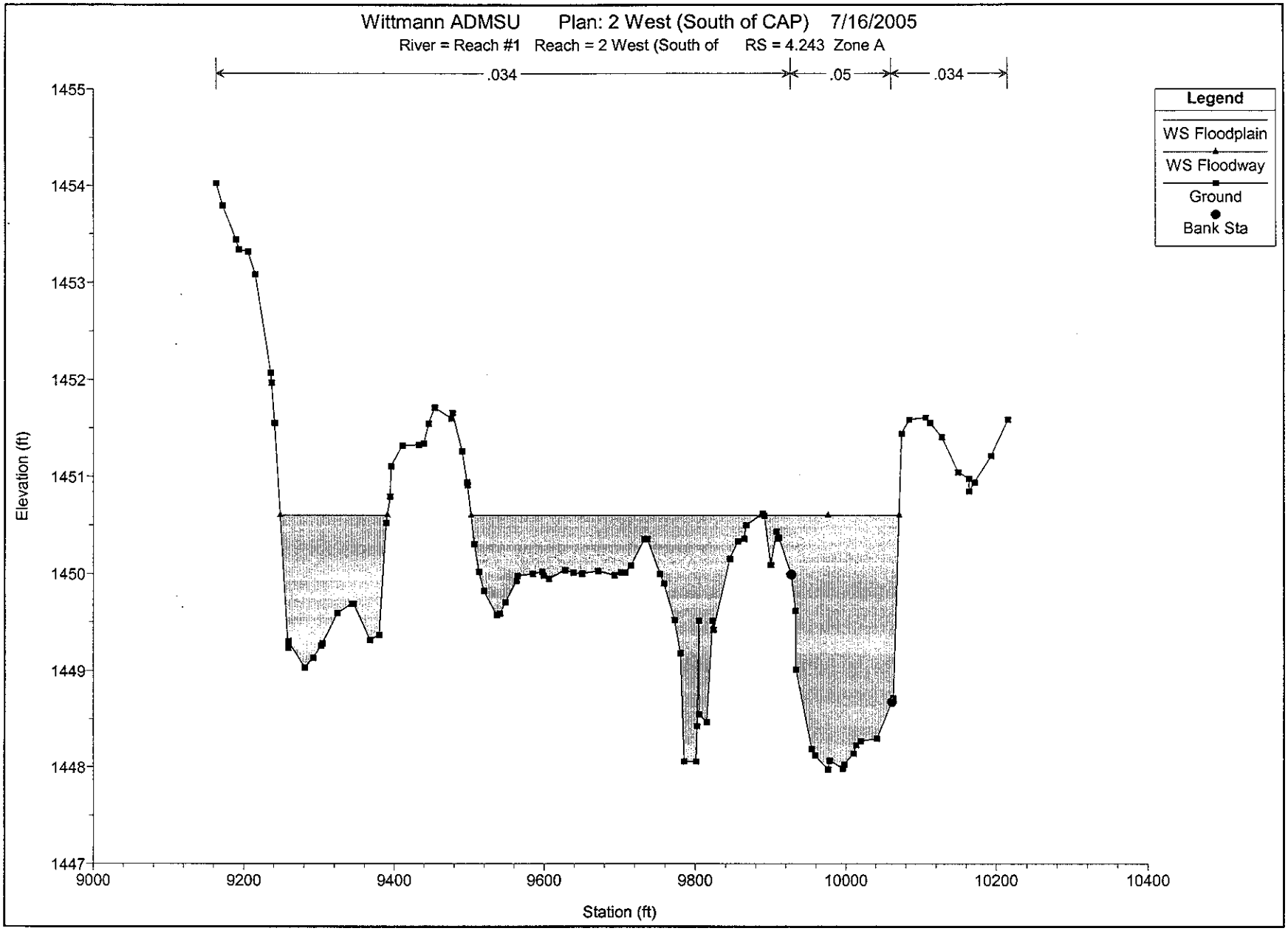

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 5.291 Zone A
.036
.036
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Elevation (ft)
1490
1488
1486
1484
1482
1480
1478
1476
7500
8000
8500
9000
9500
10000
10500
11000
Station (ft)

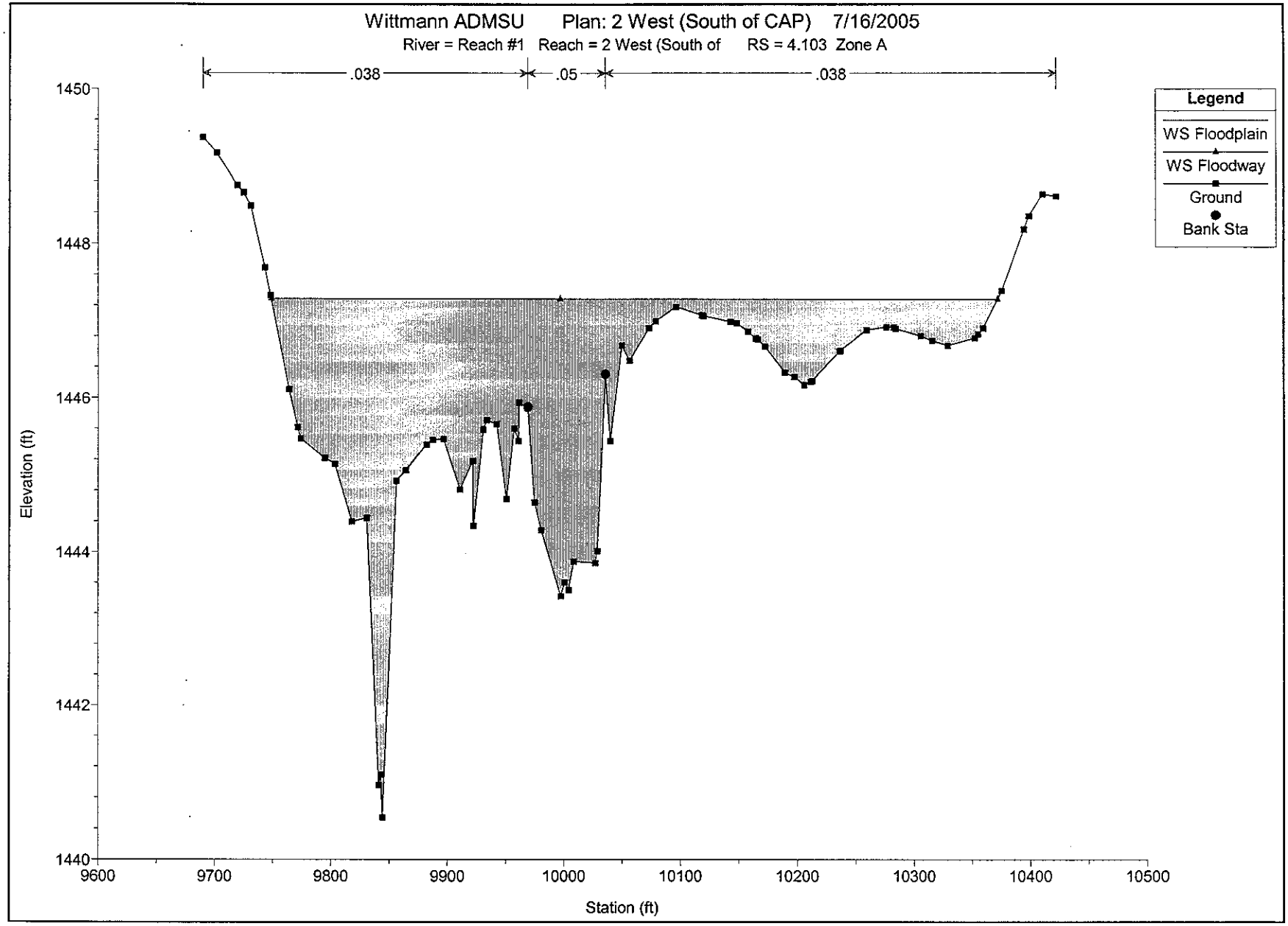

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 5.065 Zone A
.036
.05
.036
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1490
1485
1480
1475
1470
1465
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

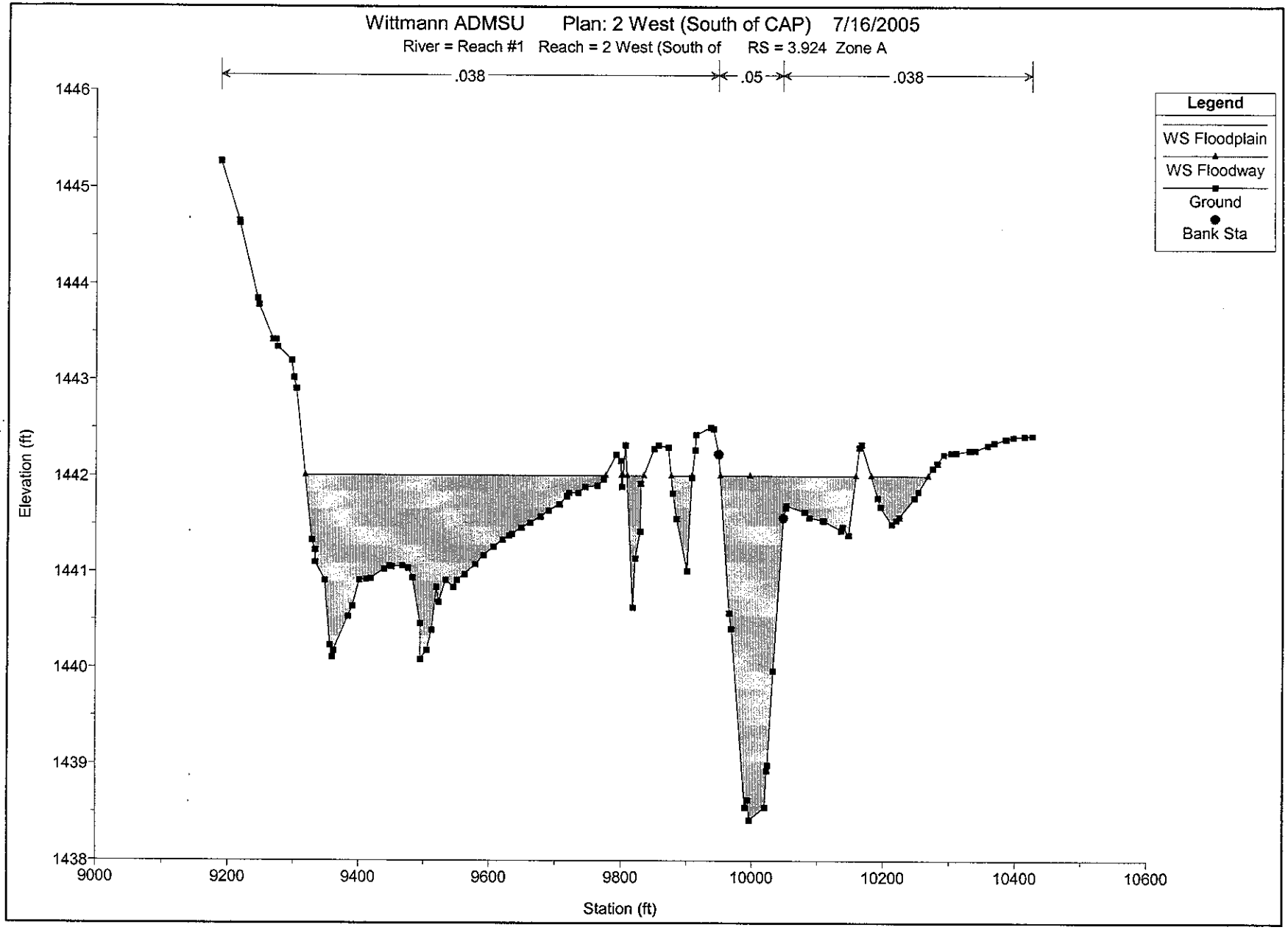

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 4.862 Zone A
.036
.05
.036
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1474
1472
1470
1468
1466
1464
1462
1460
9600
9800
10000
10200
10400
10600
Station (ft)

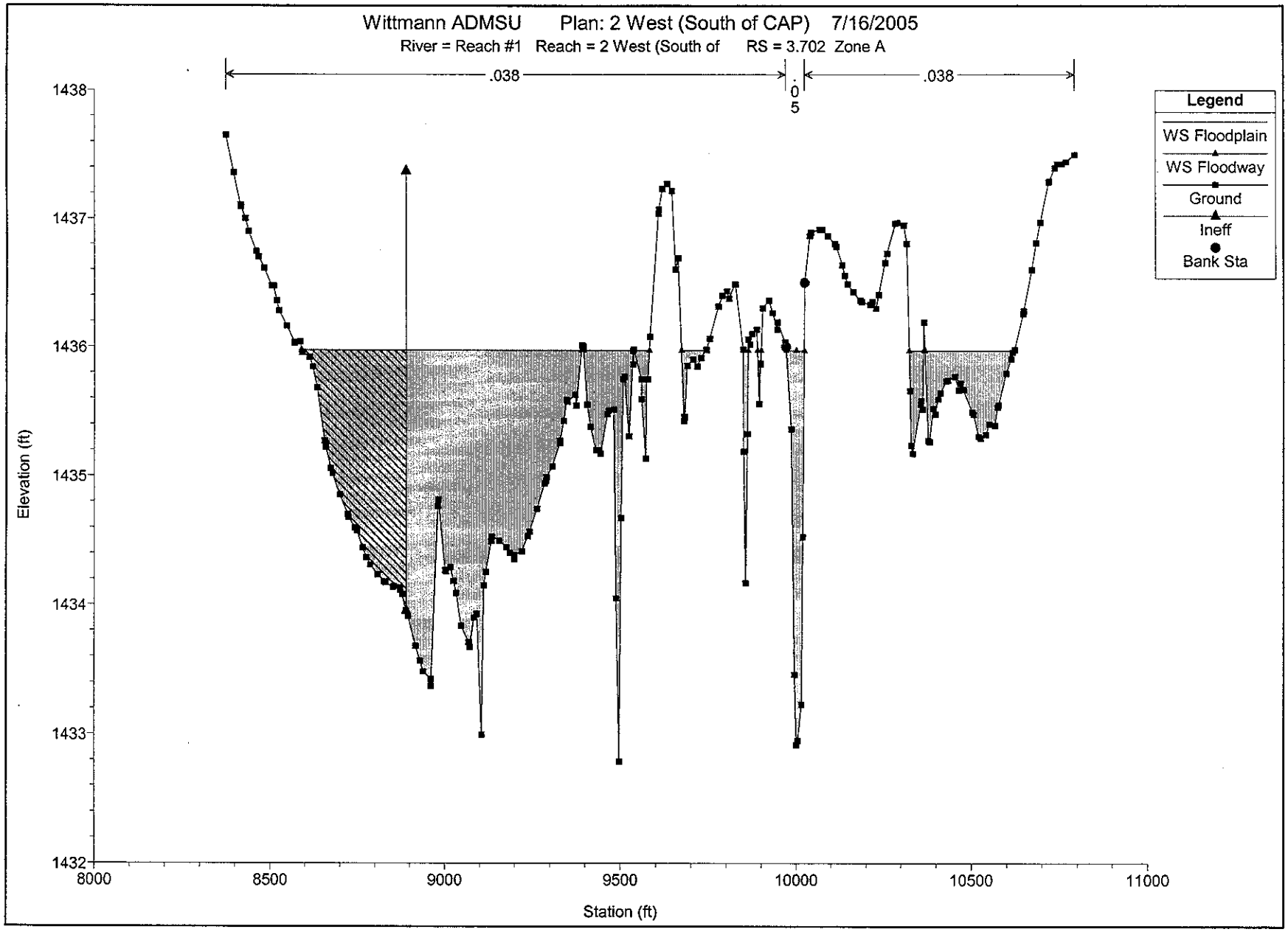

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 4.65 Zone A
.034
.05
.034
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1468
1466
1464
1462
1460
1458
1456
9400
9600
9800
10000
10200
10400
10600
Station (ft)

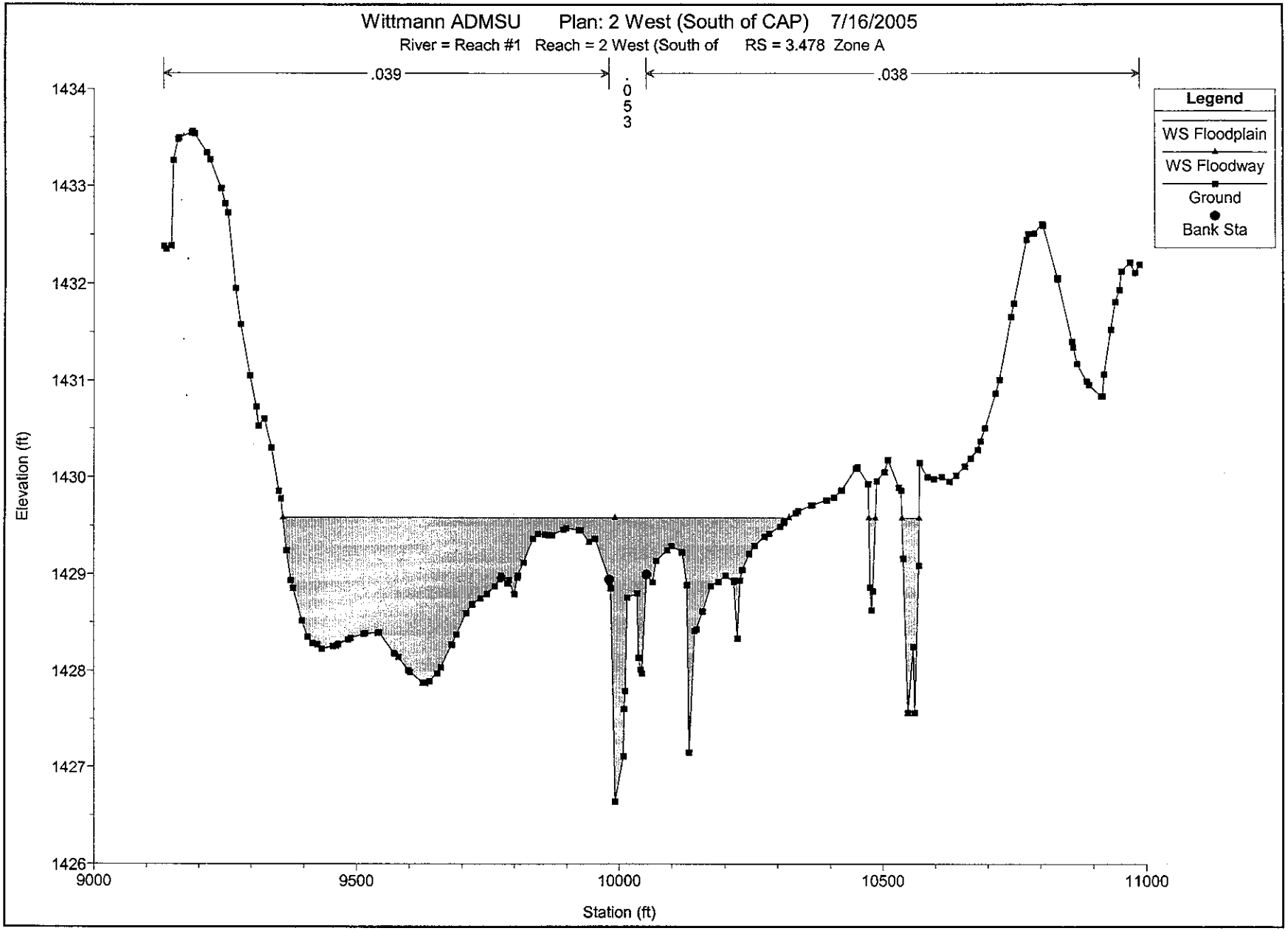

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 4.423 Zone A
.034
.05
.034
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1460
1458
1456
1454
1452
1450
9200
9400
9600
9800
10000
10200
Station (ft)

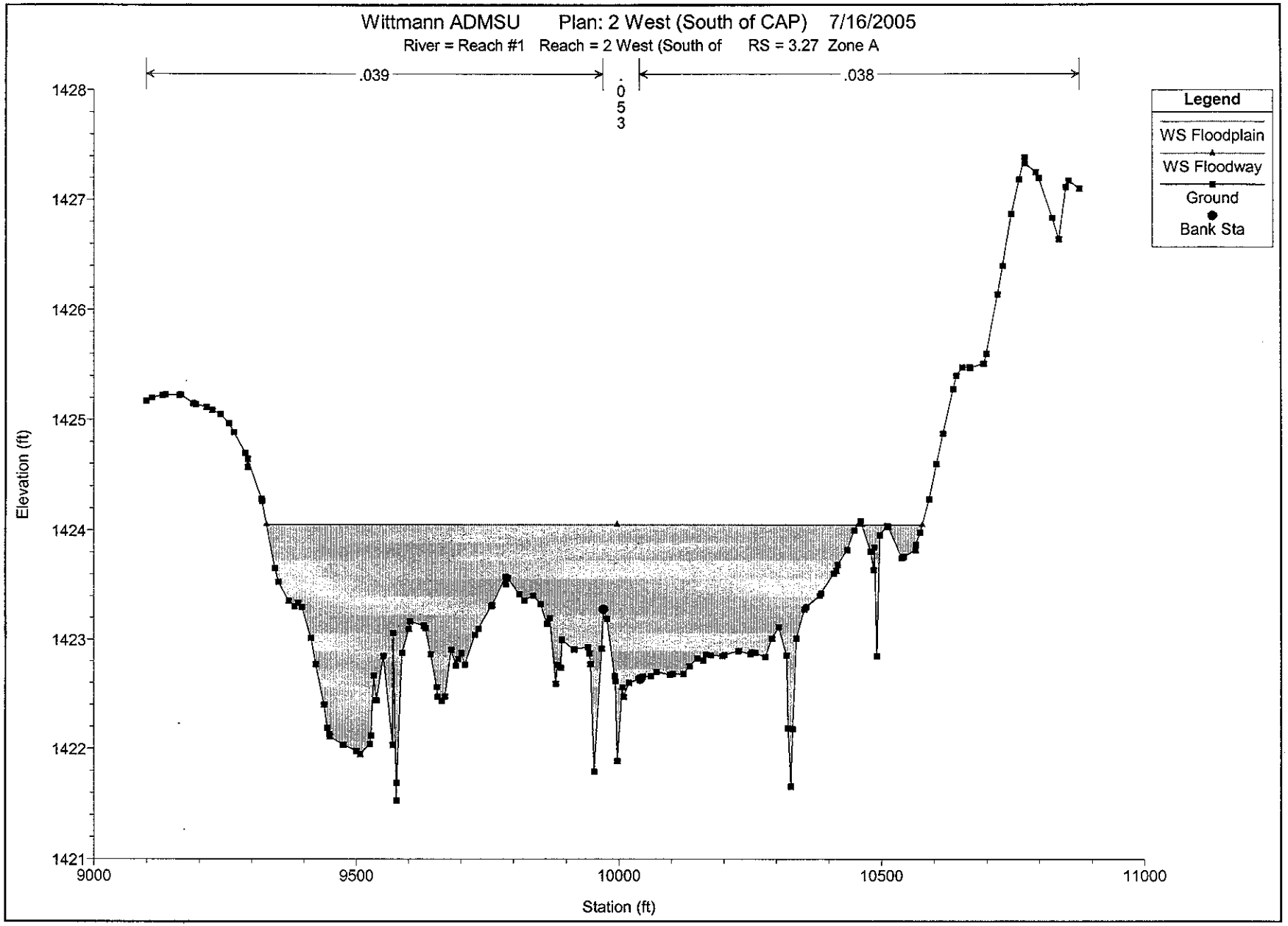

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 4.243 Zone A
.034
.05
.034
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1455
1454
1453
1452
1451
1450
1449
1448
1447
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

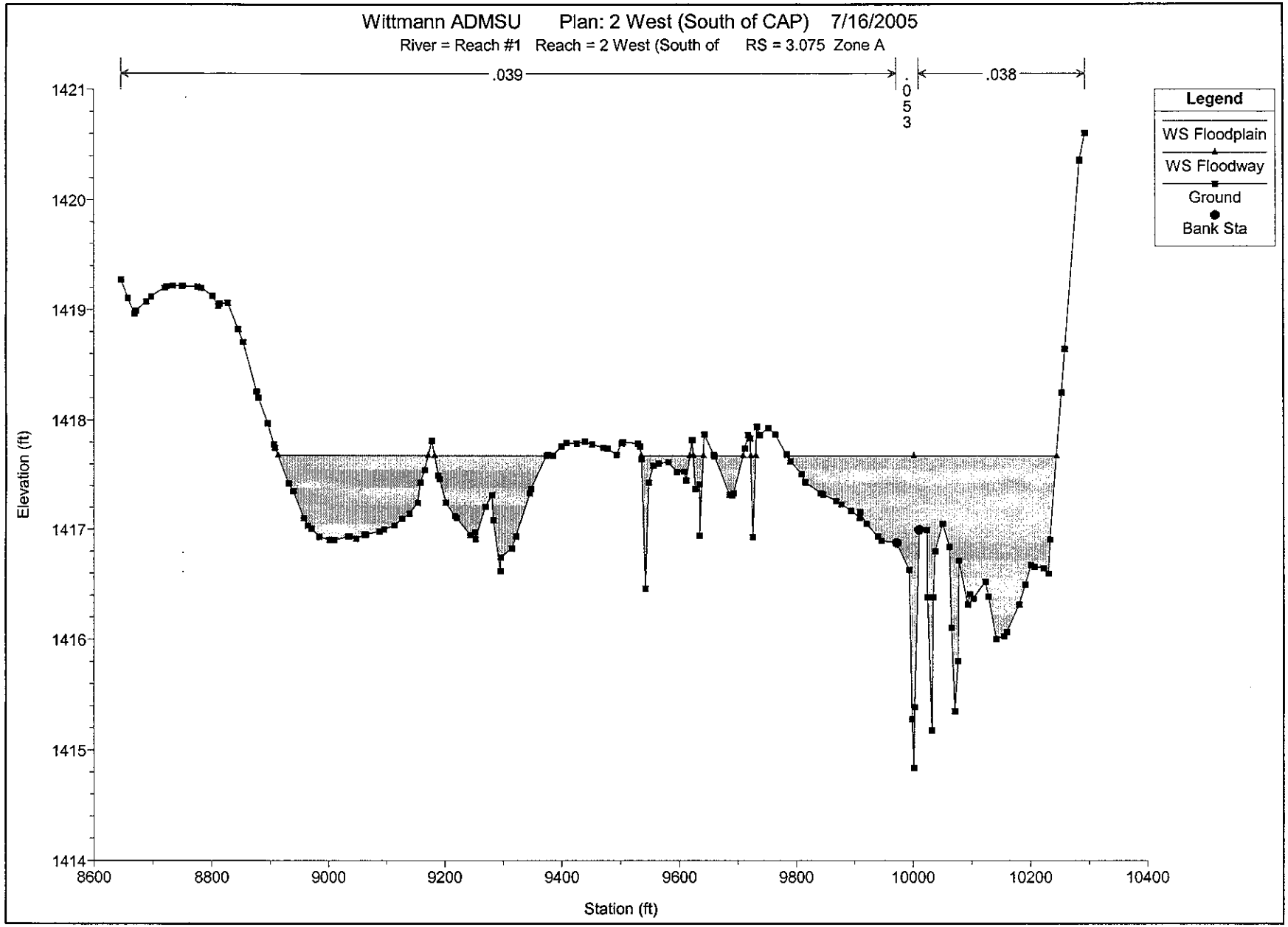

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 4.103 Zone A
.038
.05
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1450
1448
1446
1444
1442
1440
9600
9700
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

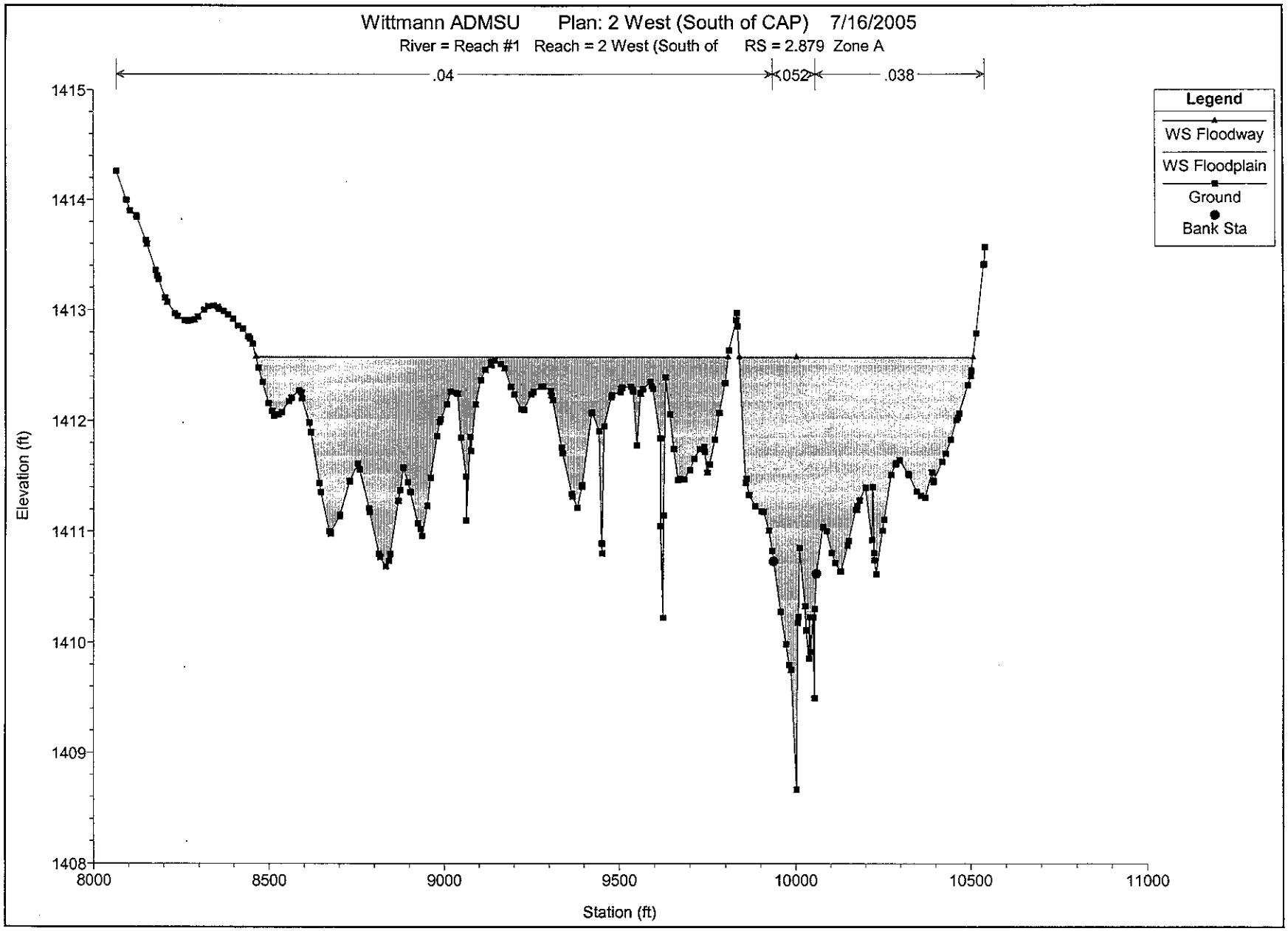

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 3.924 Zone A
.038
.05
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1446
1445
1444
1443
1442
1441
1440
1439
1438
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

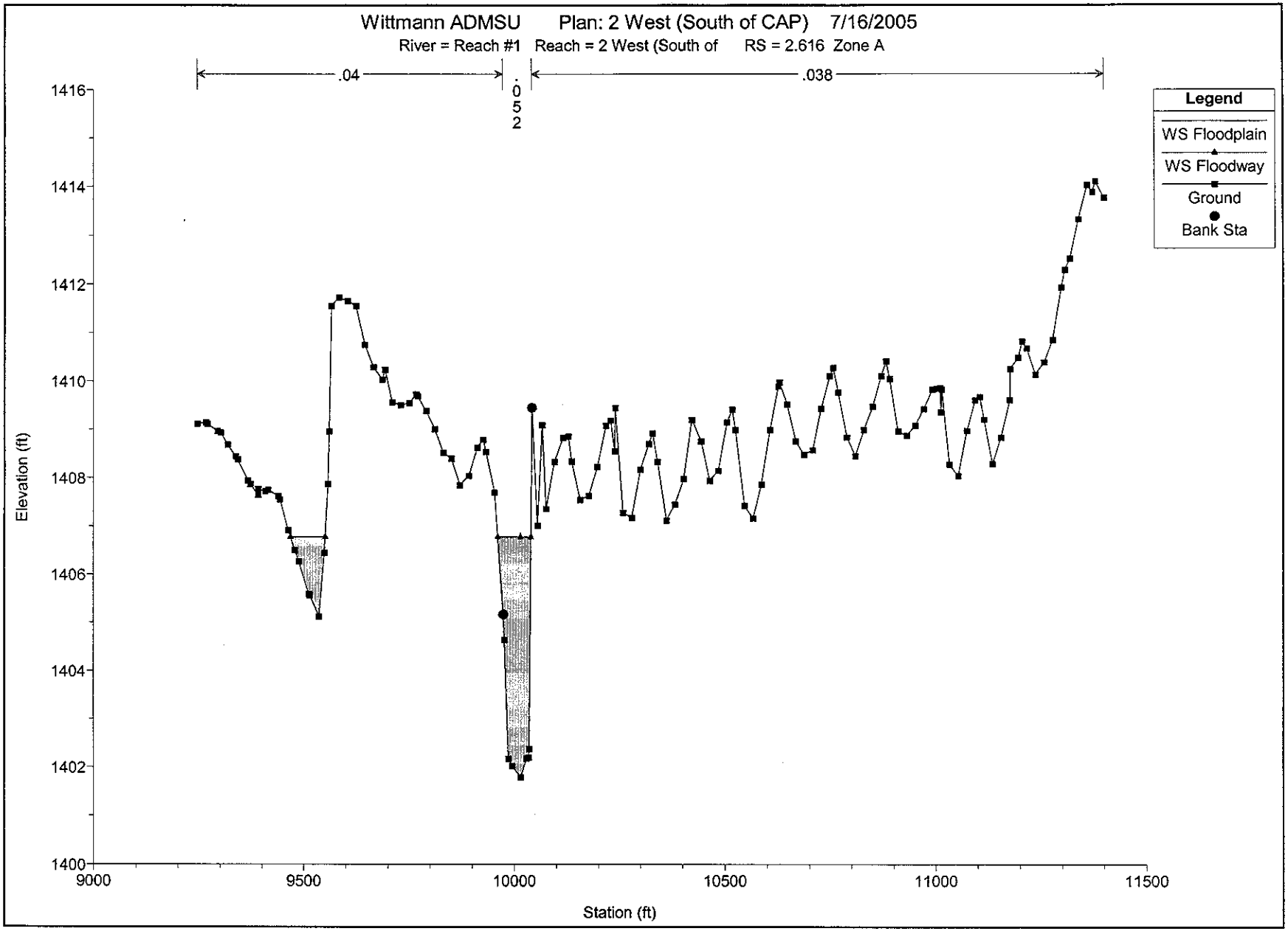

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 3.702 Zone A
.038
.05
.038
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Elevation (ft)
1438
1437
1436
1435
1434
1433
1432
8000
8500
9000
9500
10000
10500
11000
Station (ft)

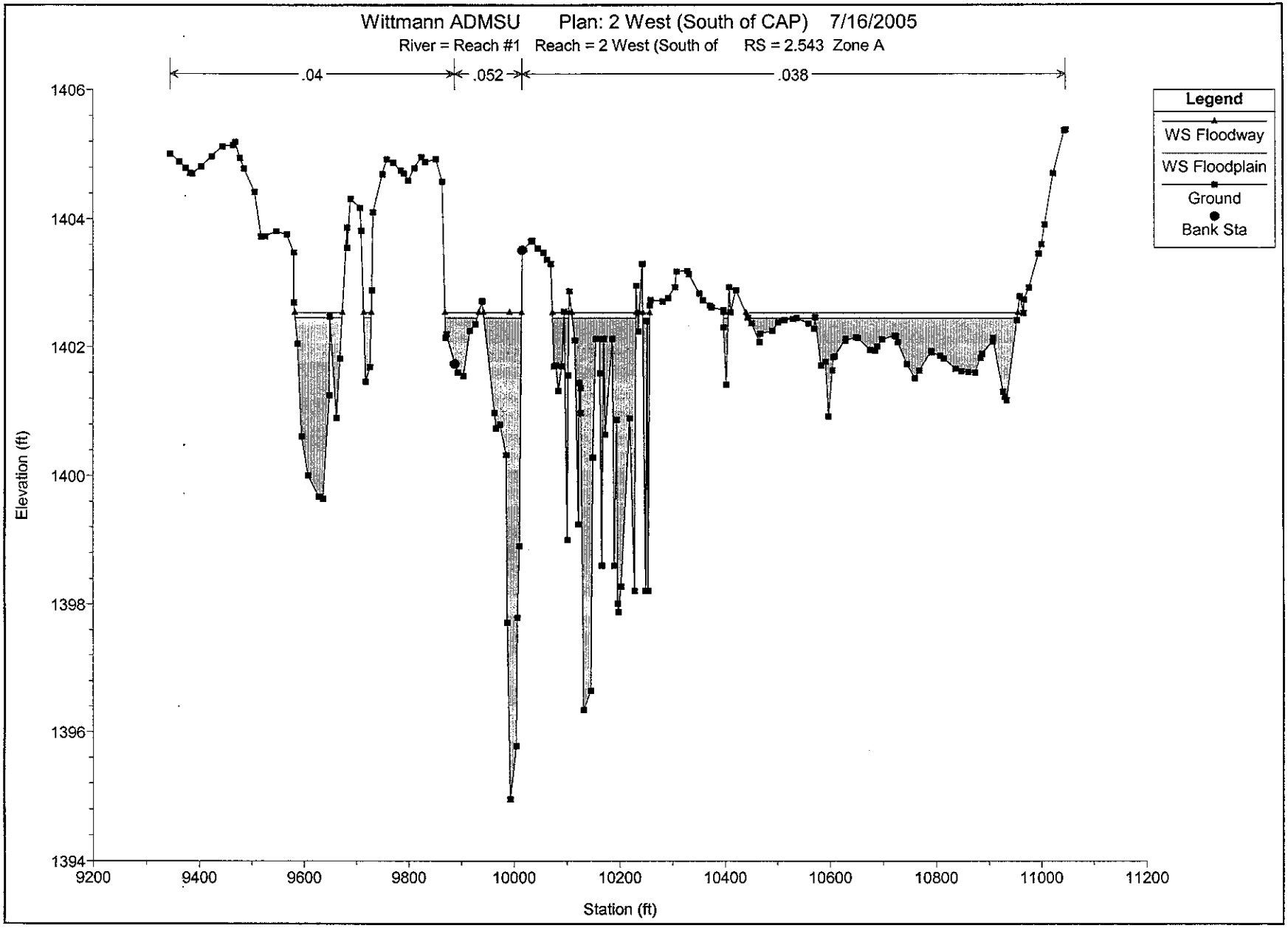

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 3.478 Zone A
.039
.053
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1434
1433
1432
1431
1430
1429
1428
1427
1426
9000
9500
10000
10500
11000
Station (ft)

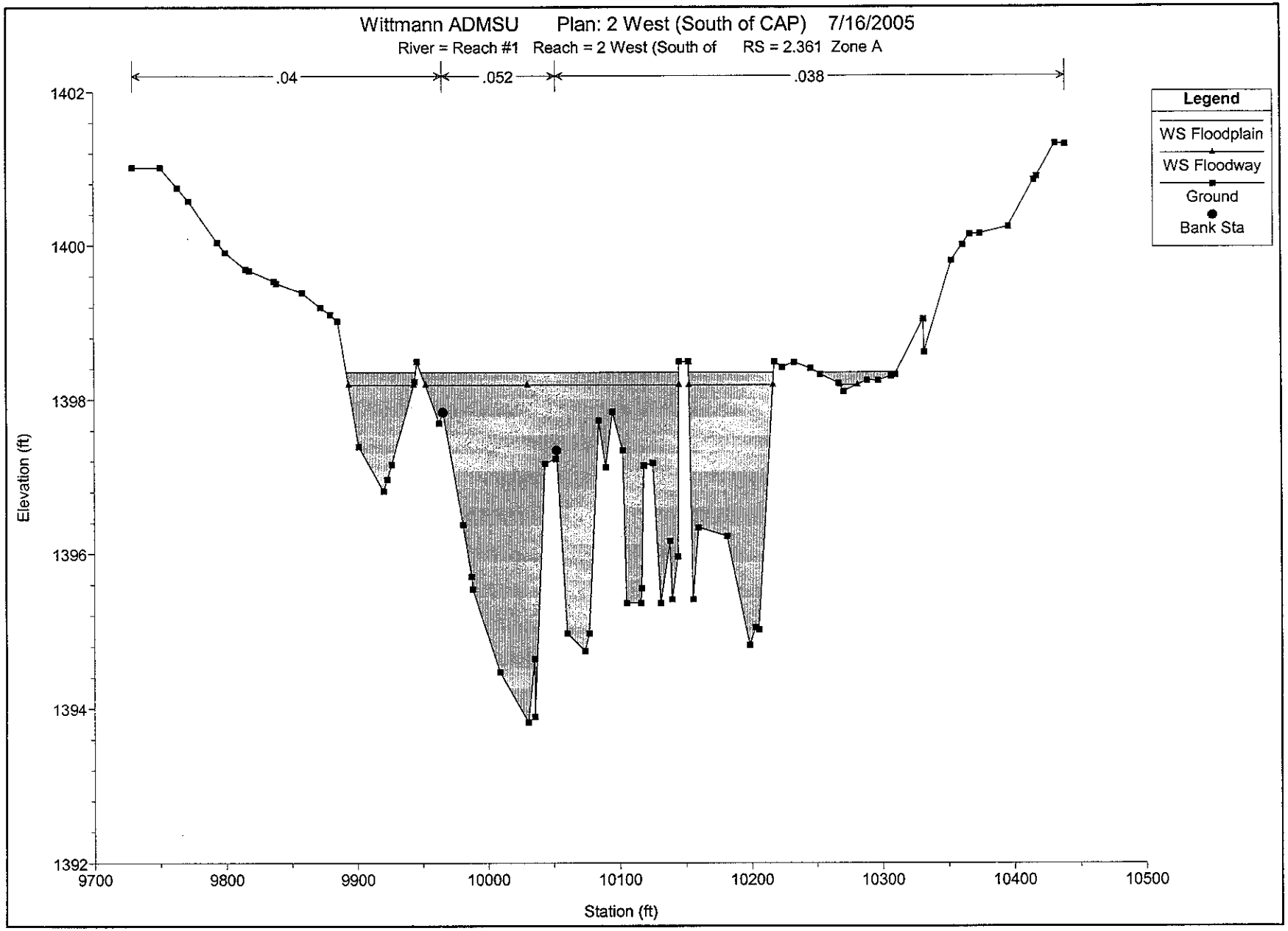

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 3.27 Zone A
.039
.053
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1428
1427
1426
1425
1424
1423
1422
1421
9000
9500
10000
10500
11000
Station (ft)

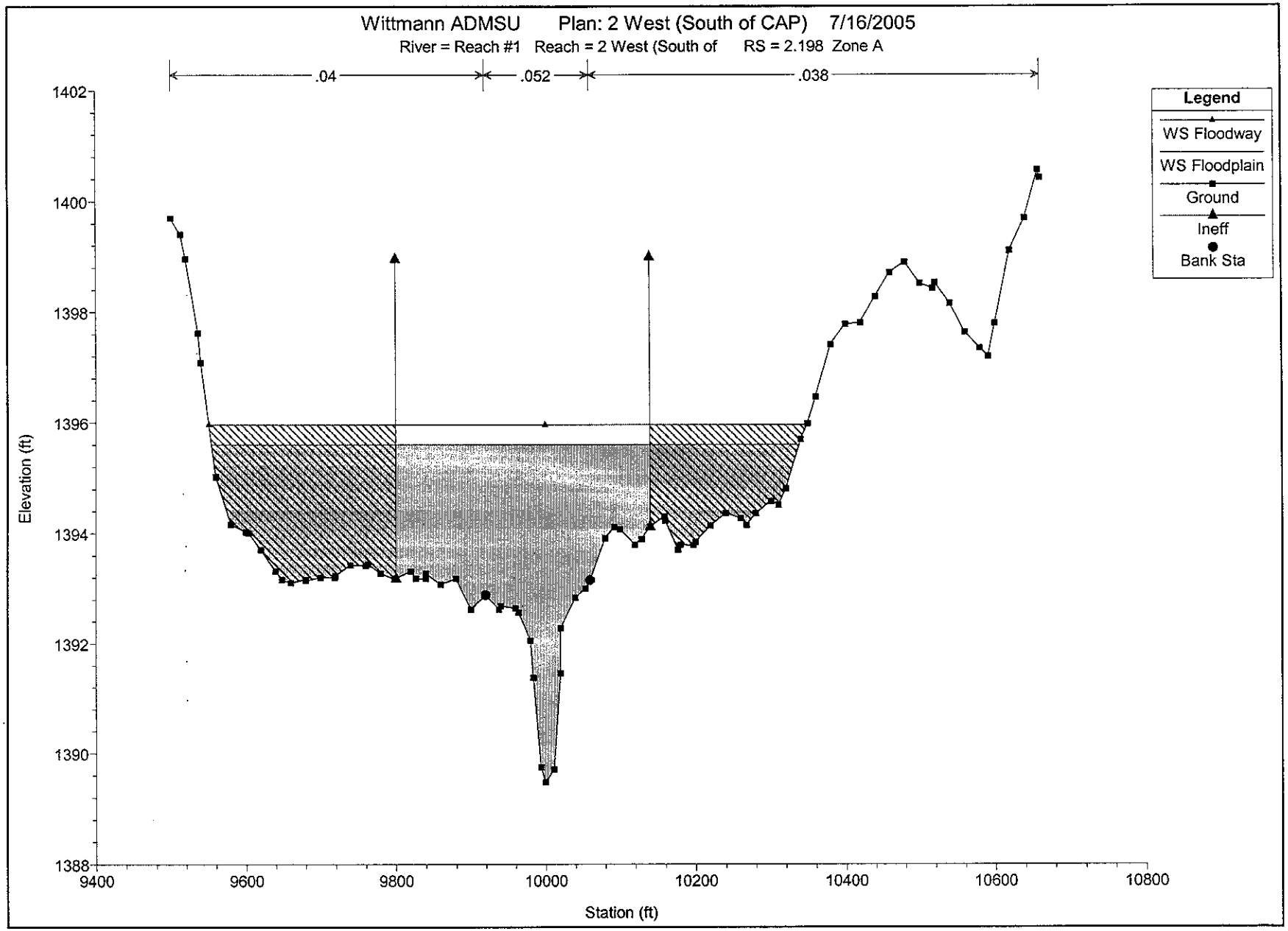

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 3.075 Zone A
.039
.053
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1421
1420
1419
1418
1417
1416
1415
1414
8600
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

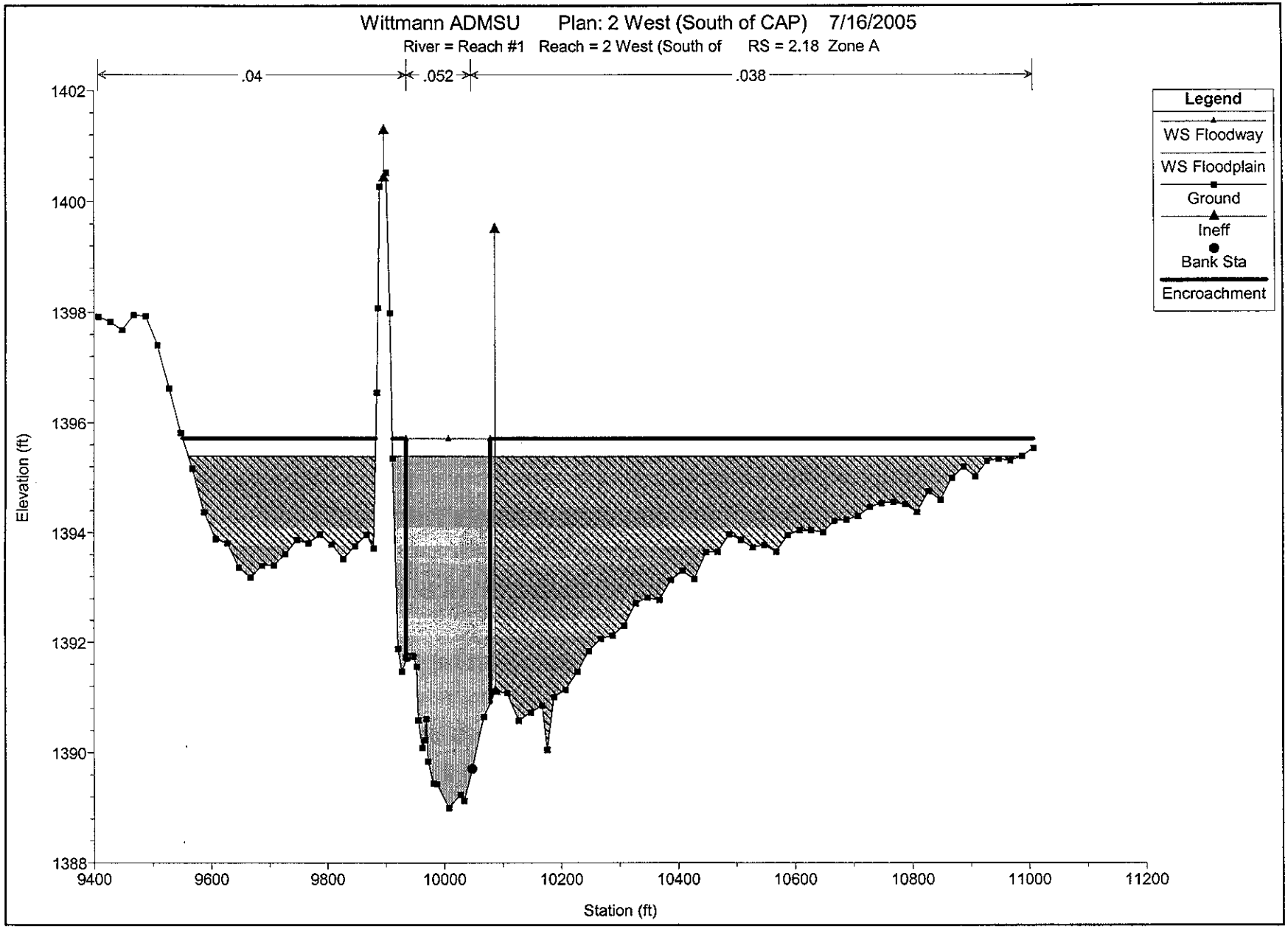

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.879 Zone A
.04
.052
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1415
1414
1413
1412
1411
1410
1409
1408
8000
8500
9000
9500
10000
10500
11000
Station (ft)

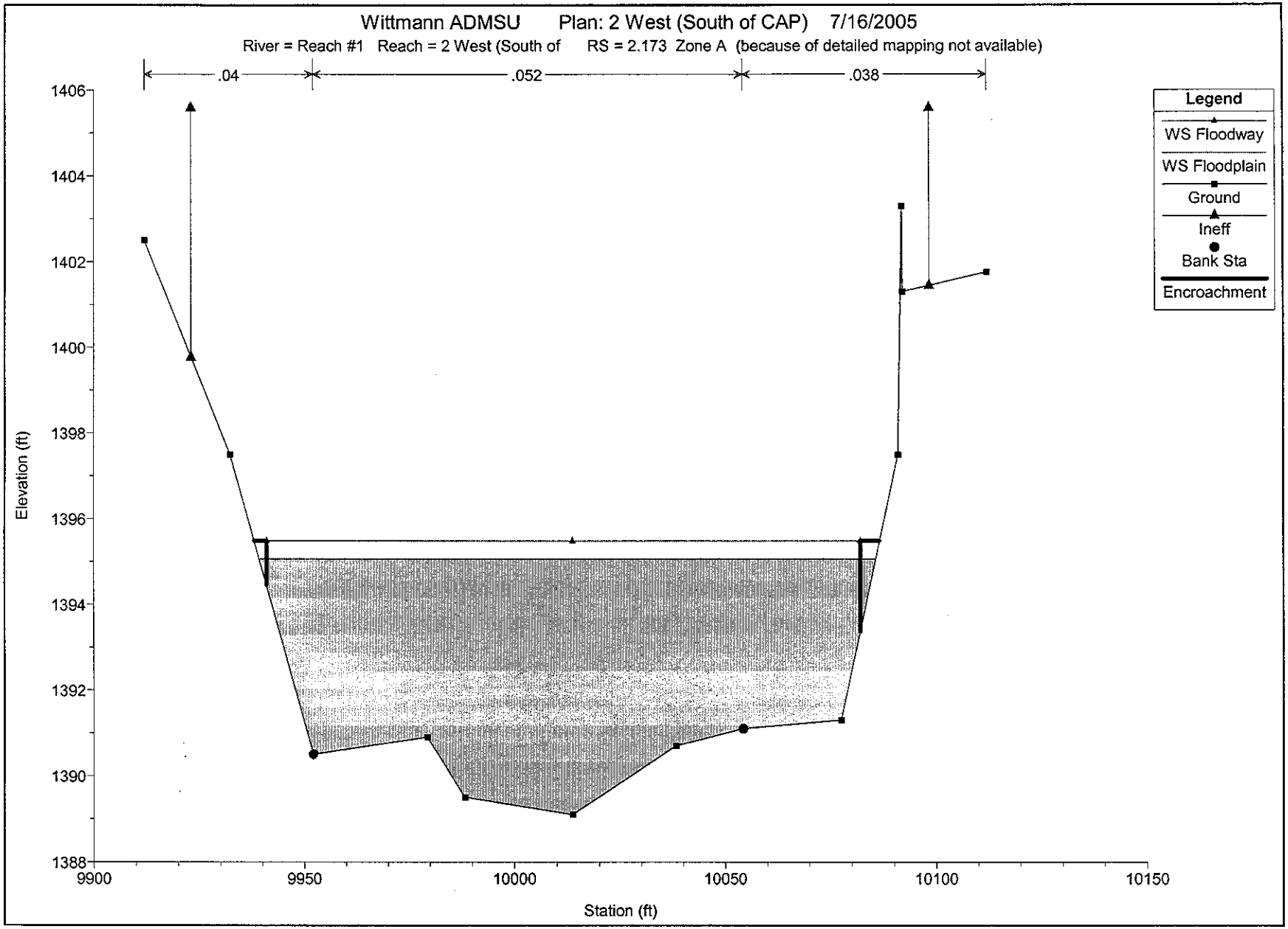

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.616 Zone A
.04
.052
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1416
1414
1412
1410
1408
1406
1404
1402
1400
9000
9500
10000
10500
11000
11500
Station (ft)

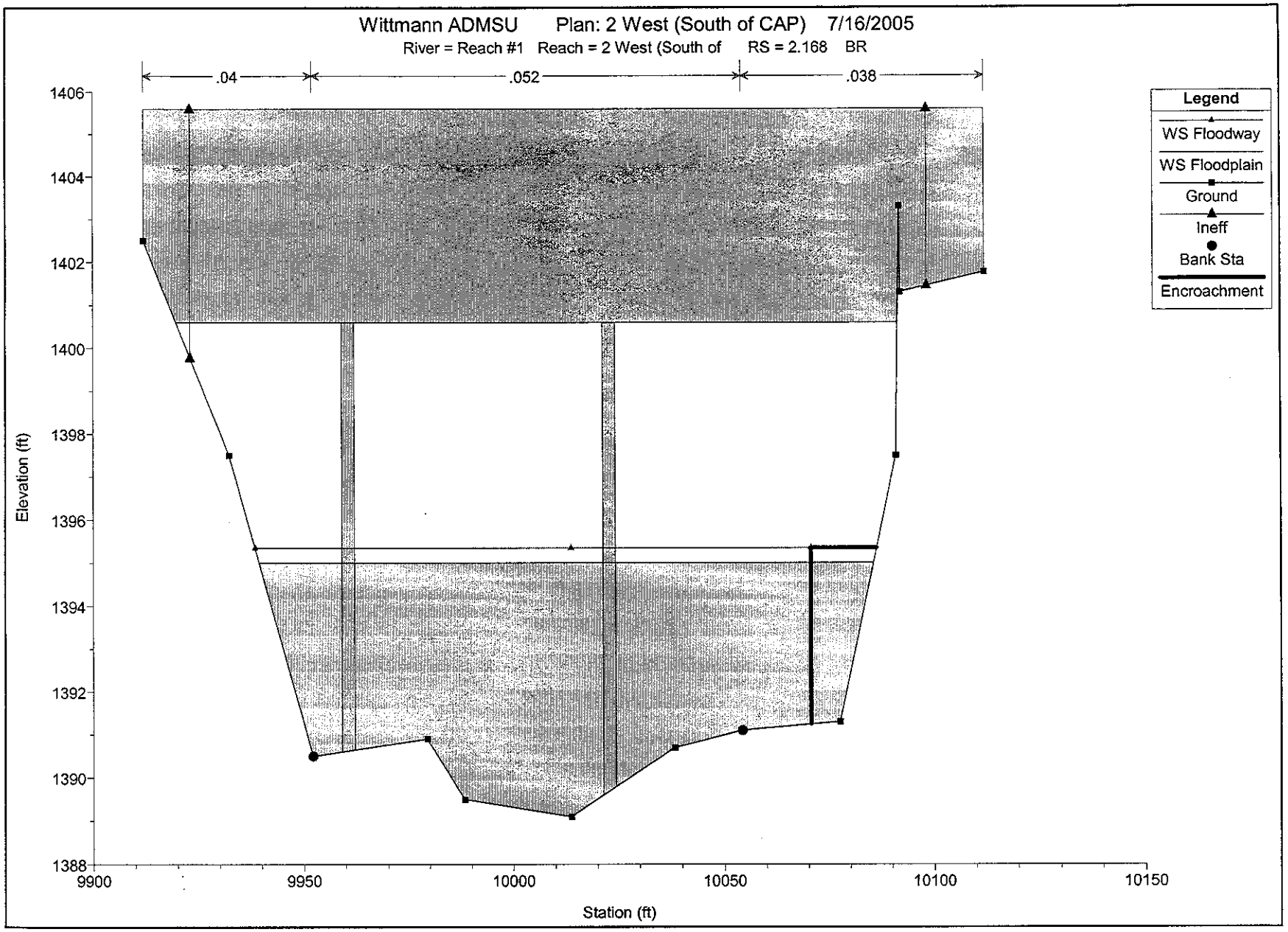

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.543 Zone A
.04
.052
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1406
1404
1402
1400
1398
1396
1394
9200
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

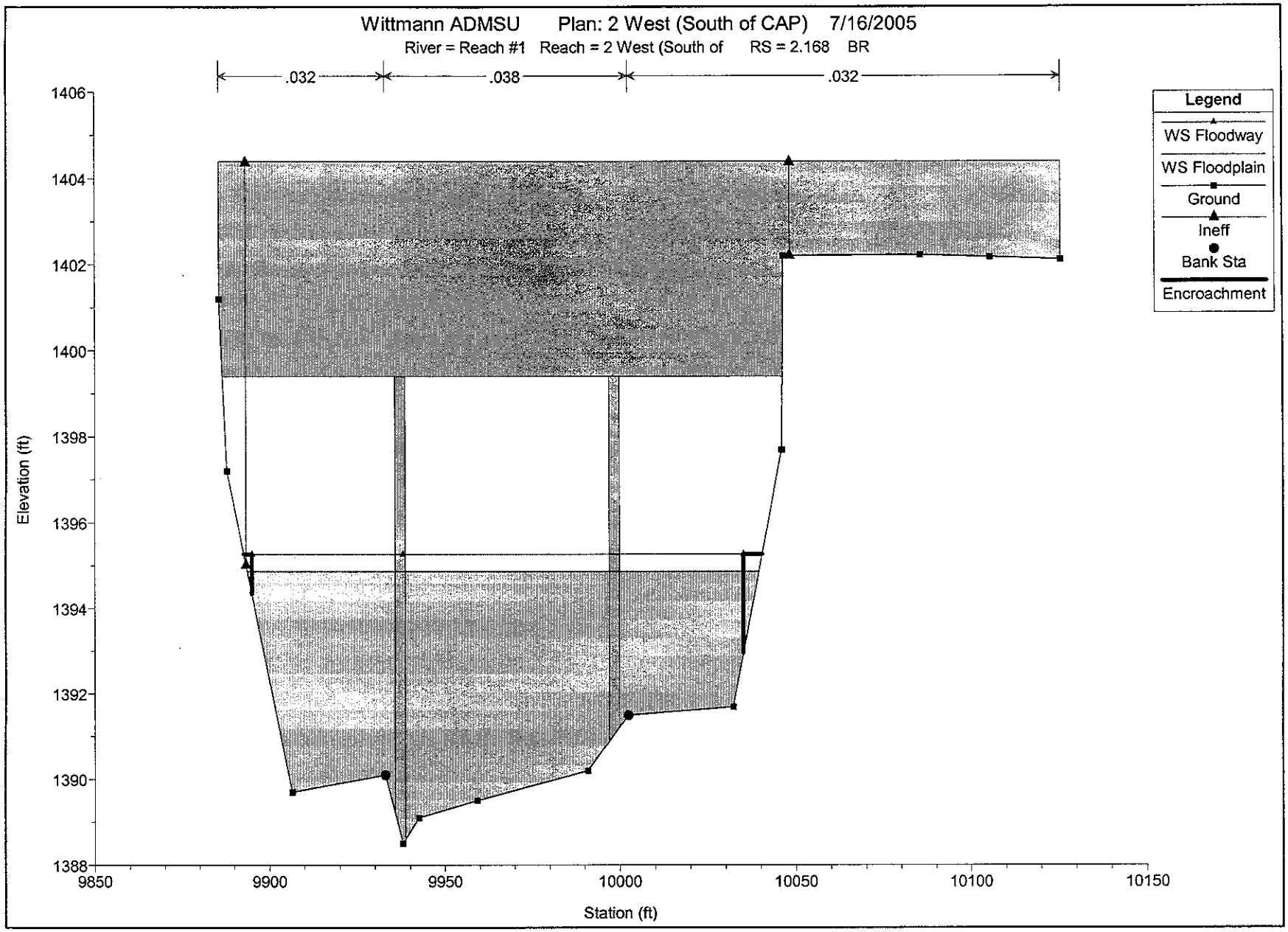

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.361 Zone A
.04
.052
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1402
1400
1398
1396
1394
1392
9700
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

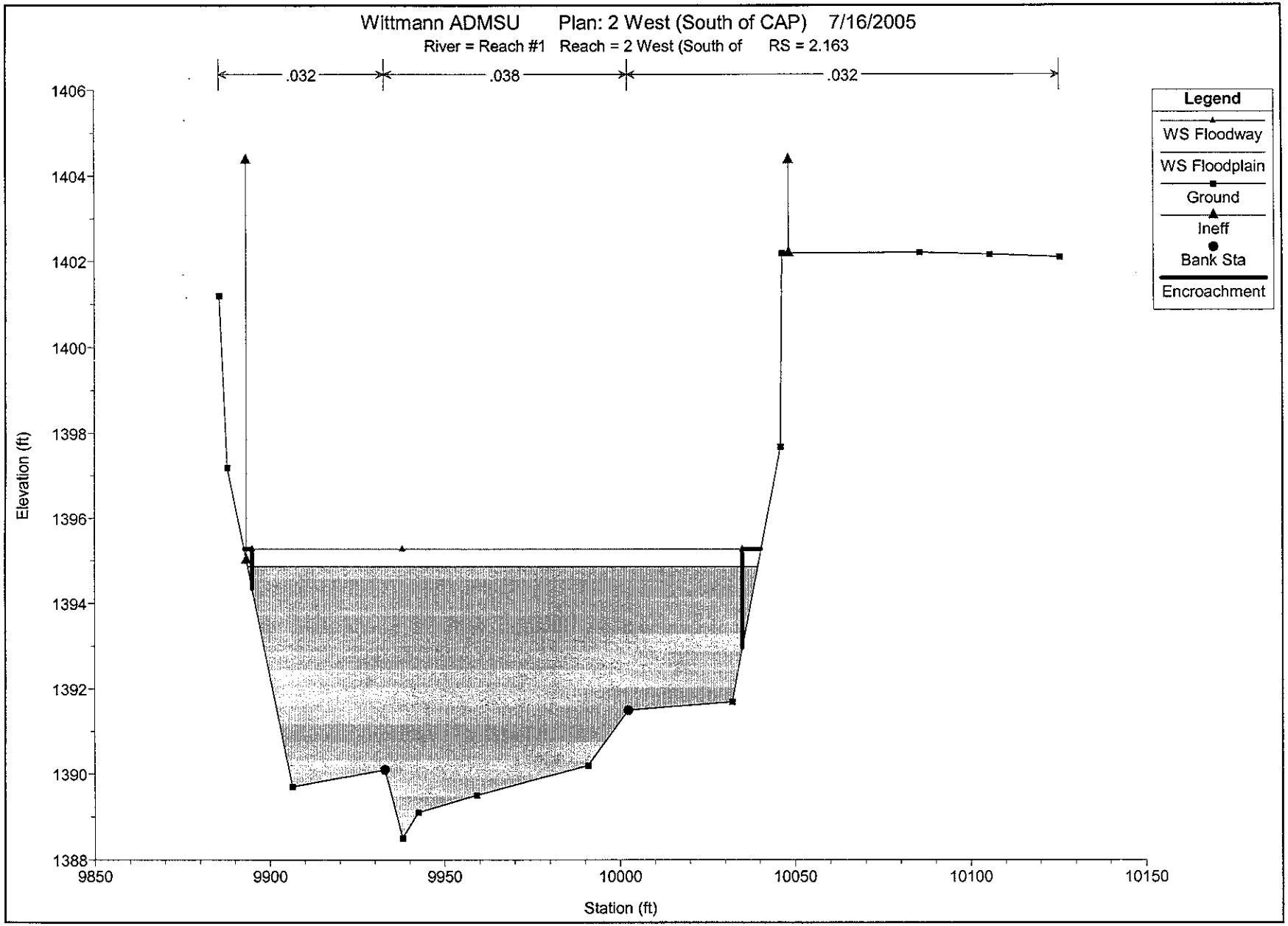

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.198 Zone A
.04
.052
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Elevation (ft)
1402
1400
1398
1396
1394
1392
1390
1388
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

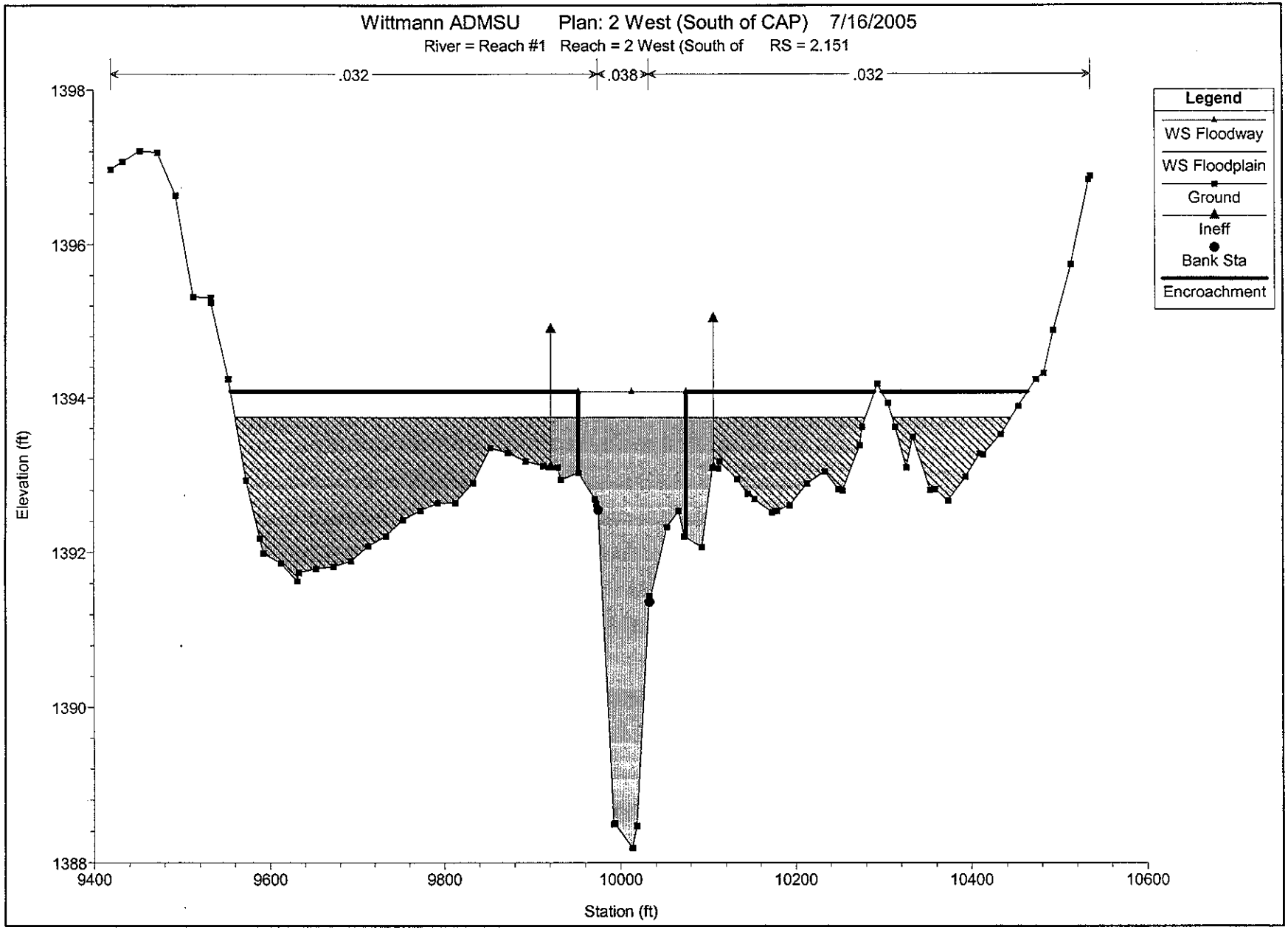

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.18 Zone A
.04
.052
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1402
1400
1398
1396
1394
1392
1390
1388
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

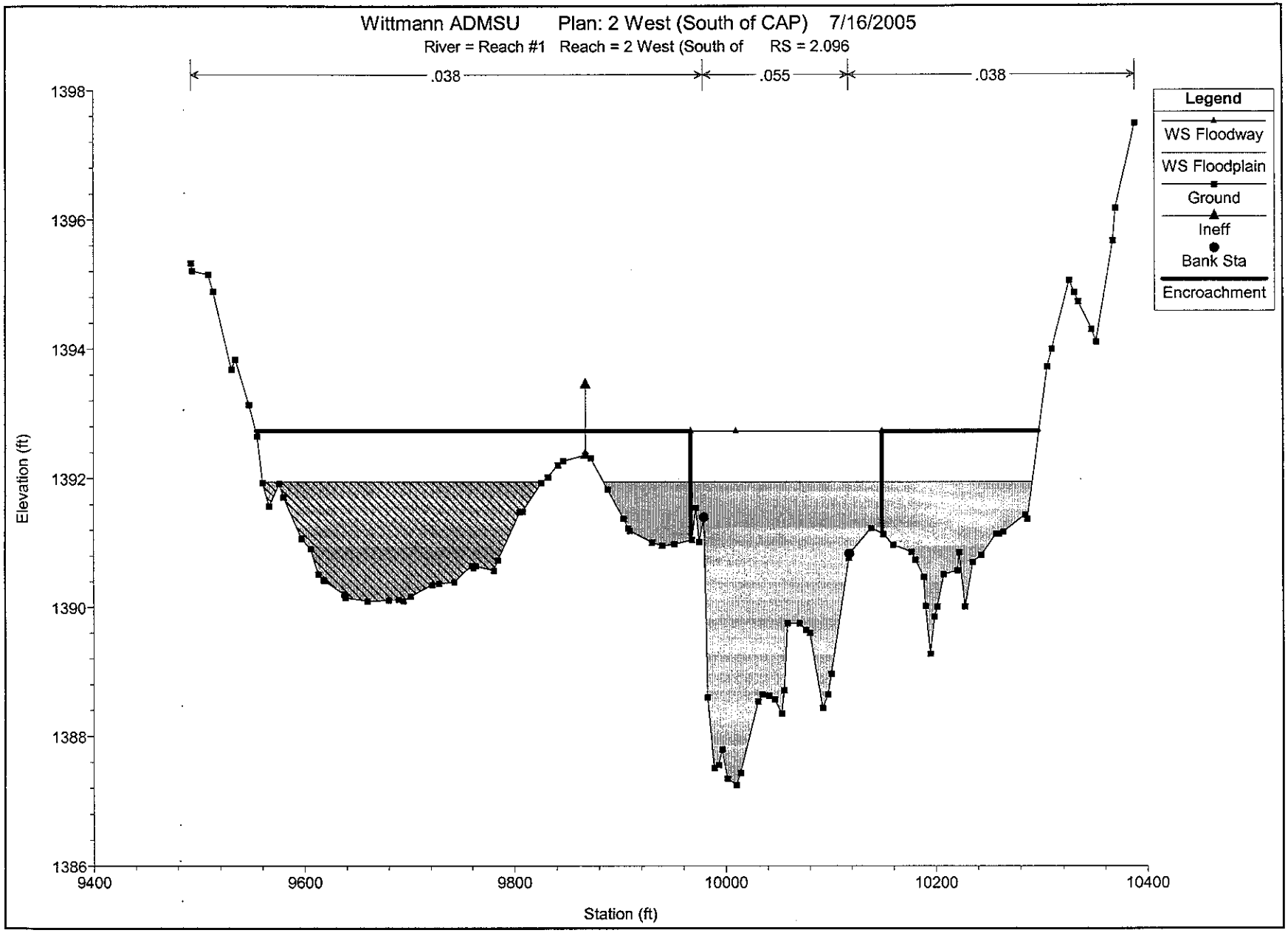

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.173 Zone A (because of detailed mapping not available)
.04
.052
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1406
1404
1402
1400
1398
1396
1394
1392
1390
1388
9900
9950
10000
10050
10100
10150
Station (ft)

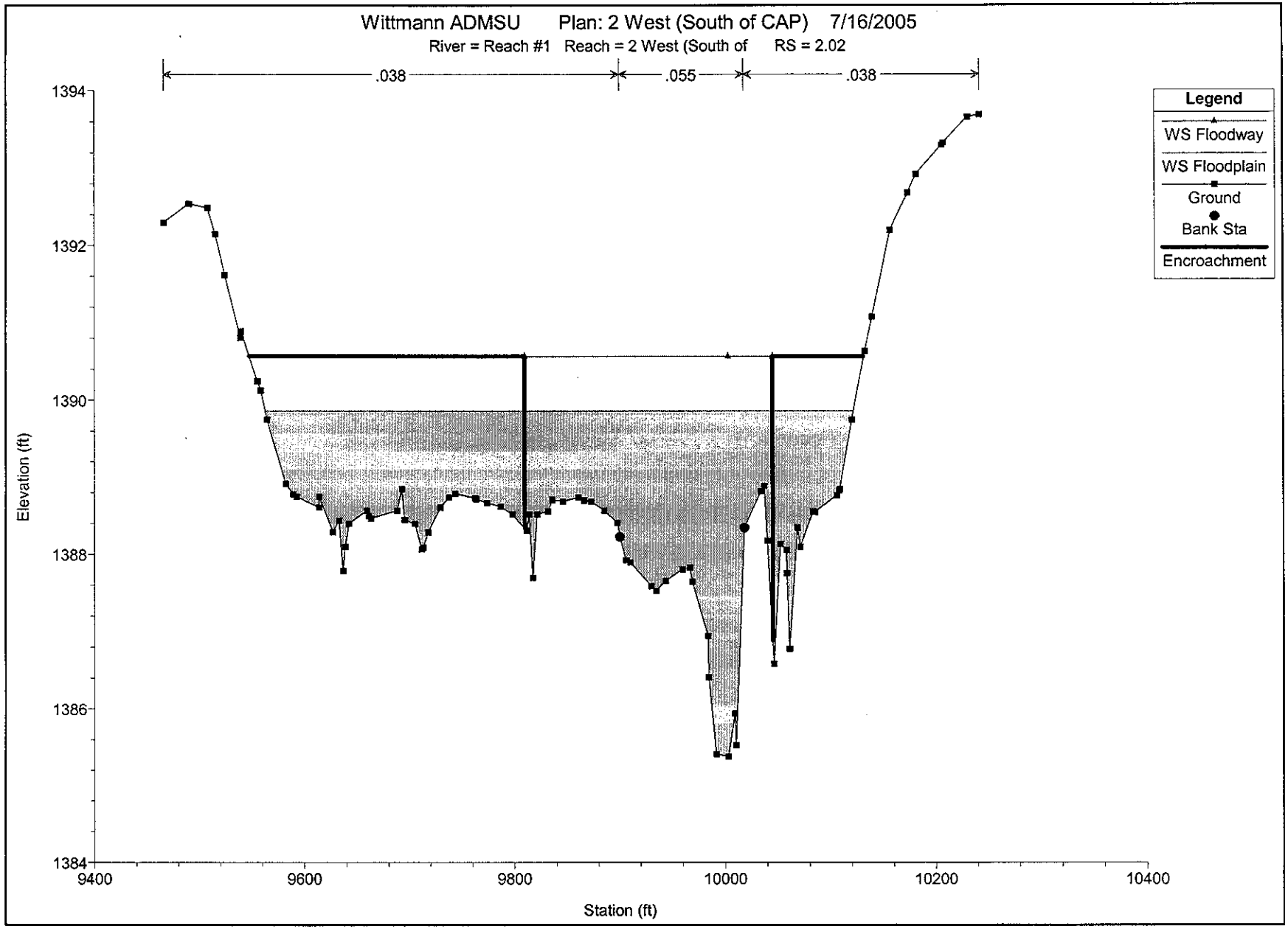

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.168 BR
.04
.052
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1406
1404
1402
1400
1398
1396
1394
1392
1390
1388
9900
9950
10000
10050
10100
10150
Station (ft)

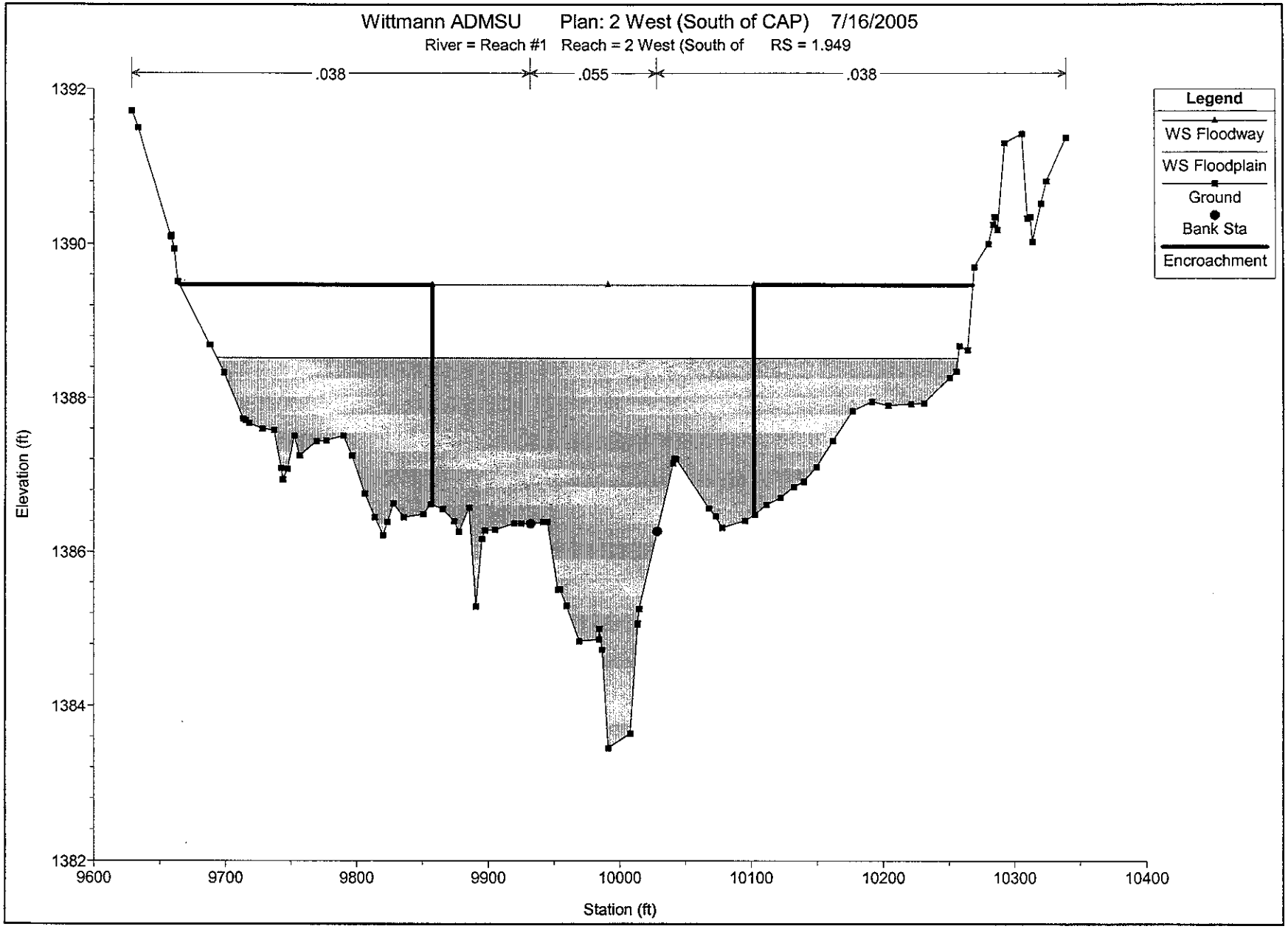

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.168 BR
.032
.038
.032
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1406
1404
1402
1400
1398
1396
1394
1392
1390
1388
9850
9900
9950
10000
10050
10100
10150
Station (ft)

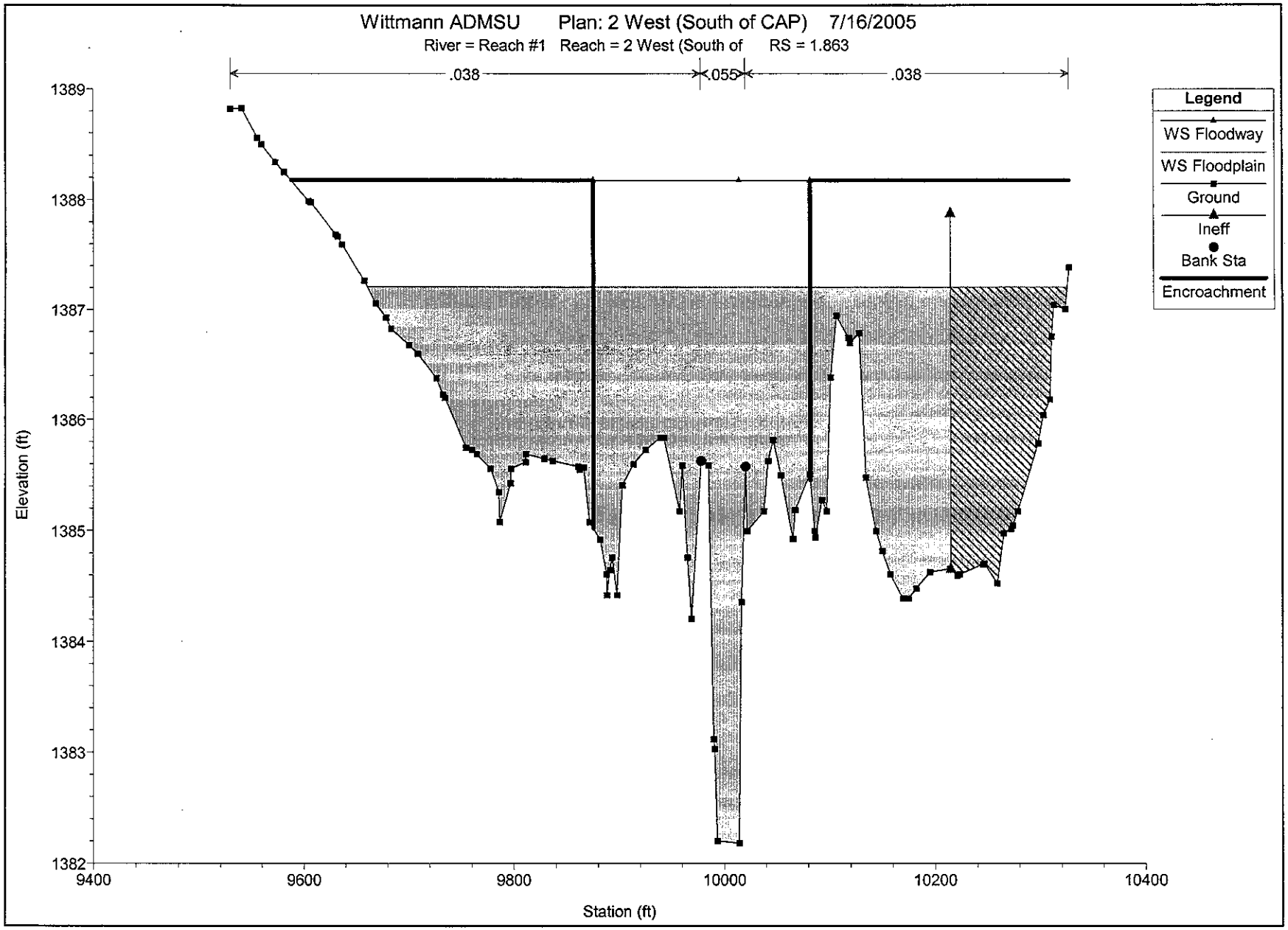

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.163
.032
.038
.032
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1406
1404
1402
1400
1398
1396
1394
1392
1390
1388
9850
9900
9950
10000
10050
10100
10150
Station (ft)

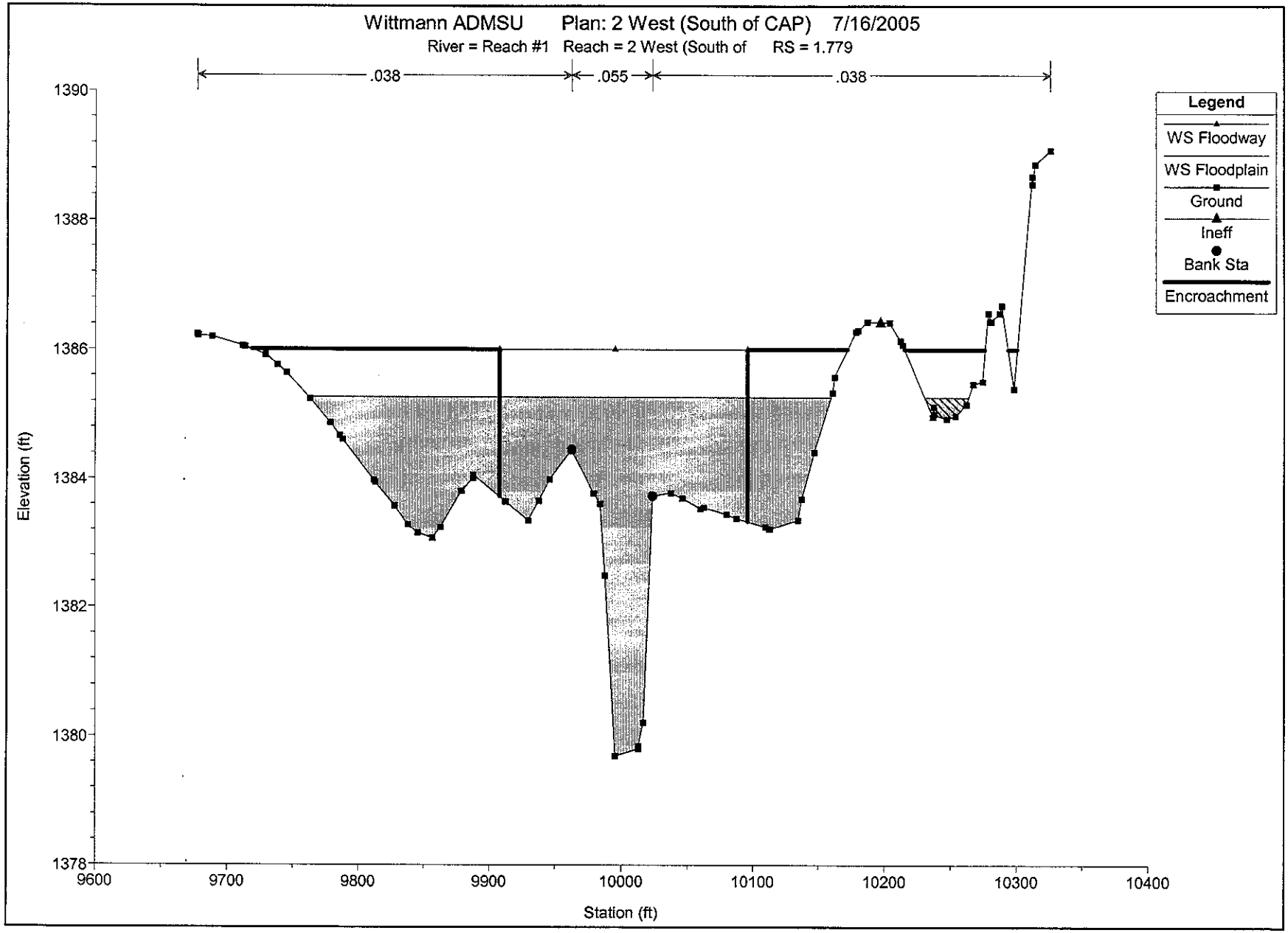

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.151
.032
.038
.032
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1398
1396
1394
1392
1390
1388
9400
9600
9800
10000
10200
10400
10600
Station (ft)

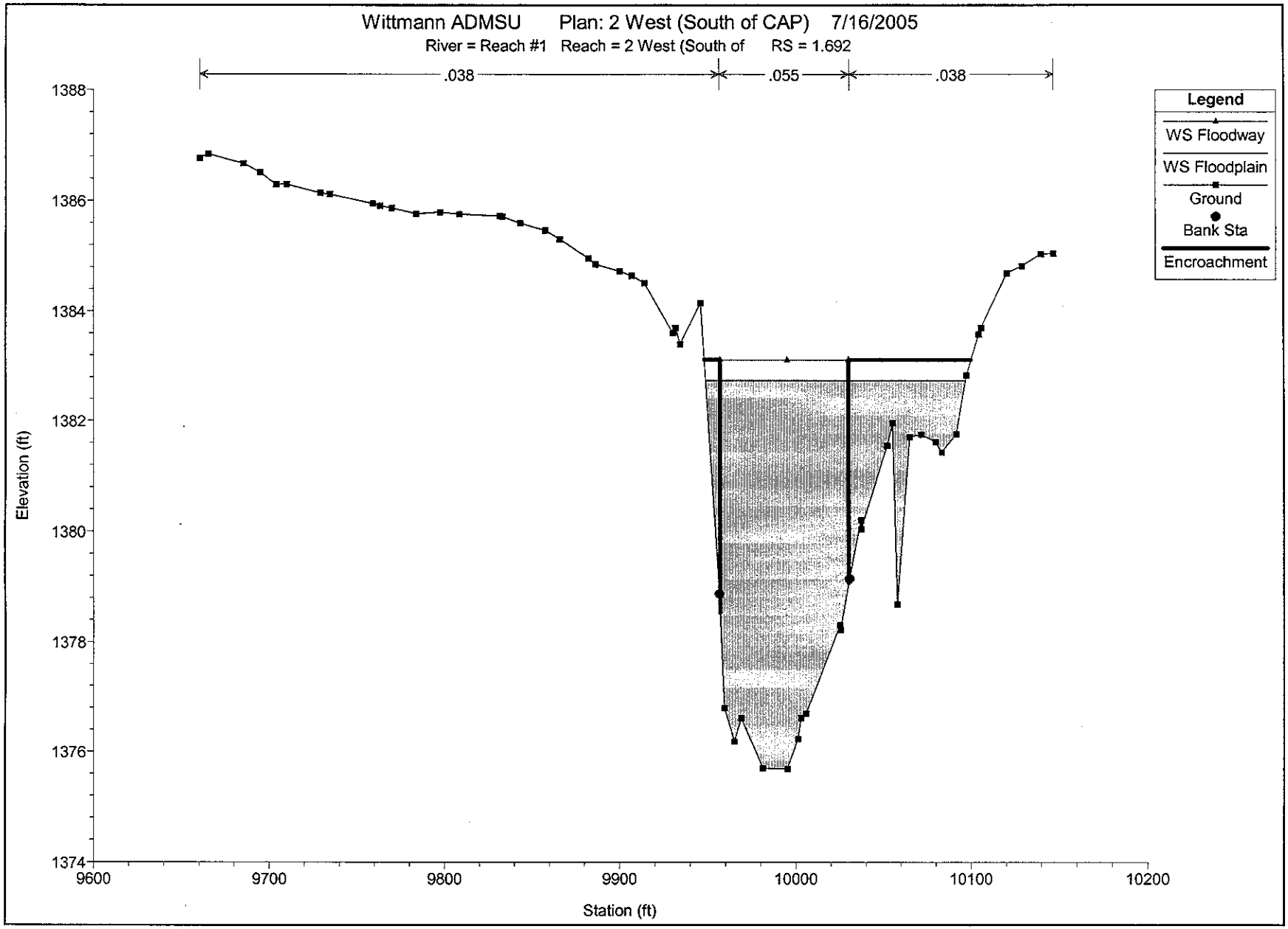

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.096
.038
.055
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1398
1396
1394
1392
1390
1388
1386
9400
9600
9800
10000
10200
10400
Station (ft)

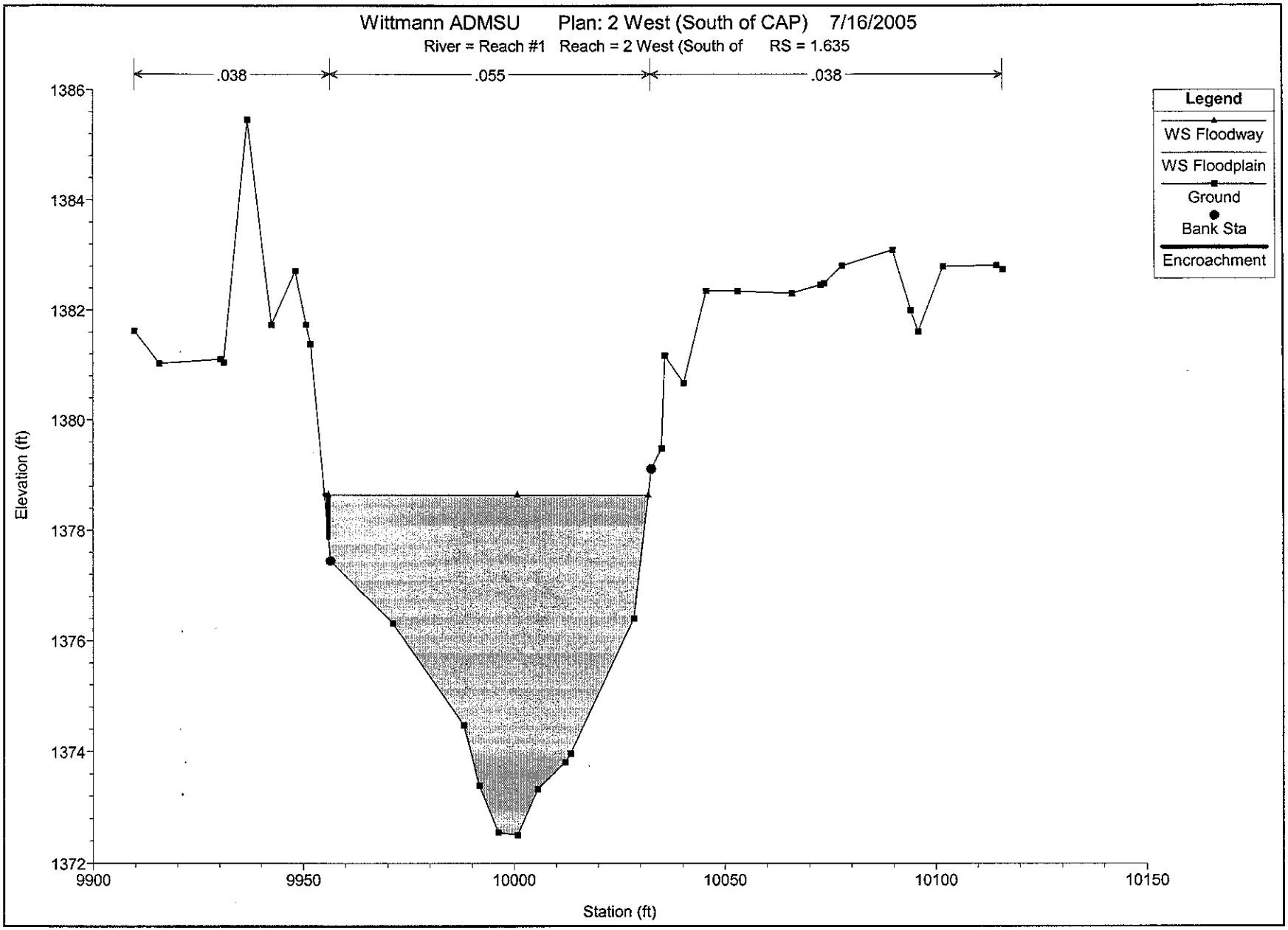

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 2.02
.038
.055
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1394
1392
1390
1388
1386
1384
9400
9600
9800
10000
10200
10400
Station (ft)

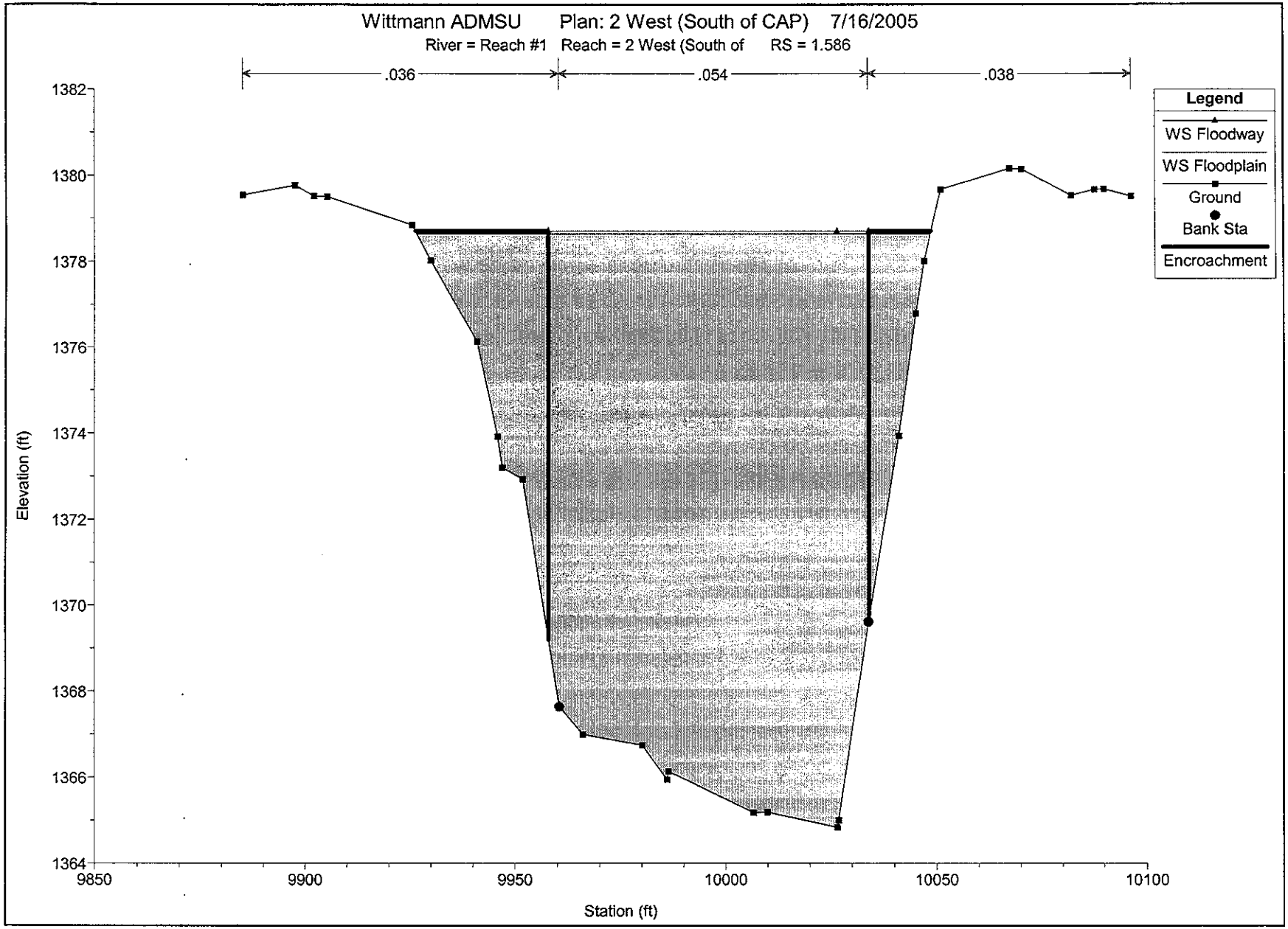

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.949
.038
.055
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1392
1390
1388
1386
1384
1382
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

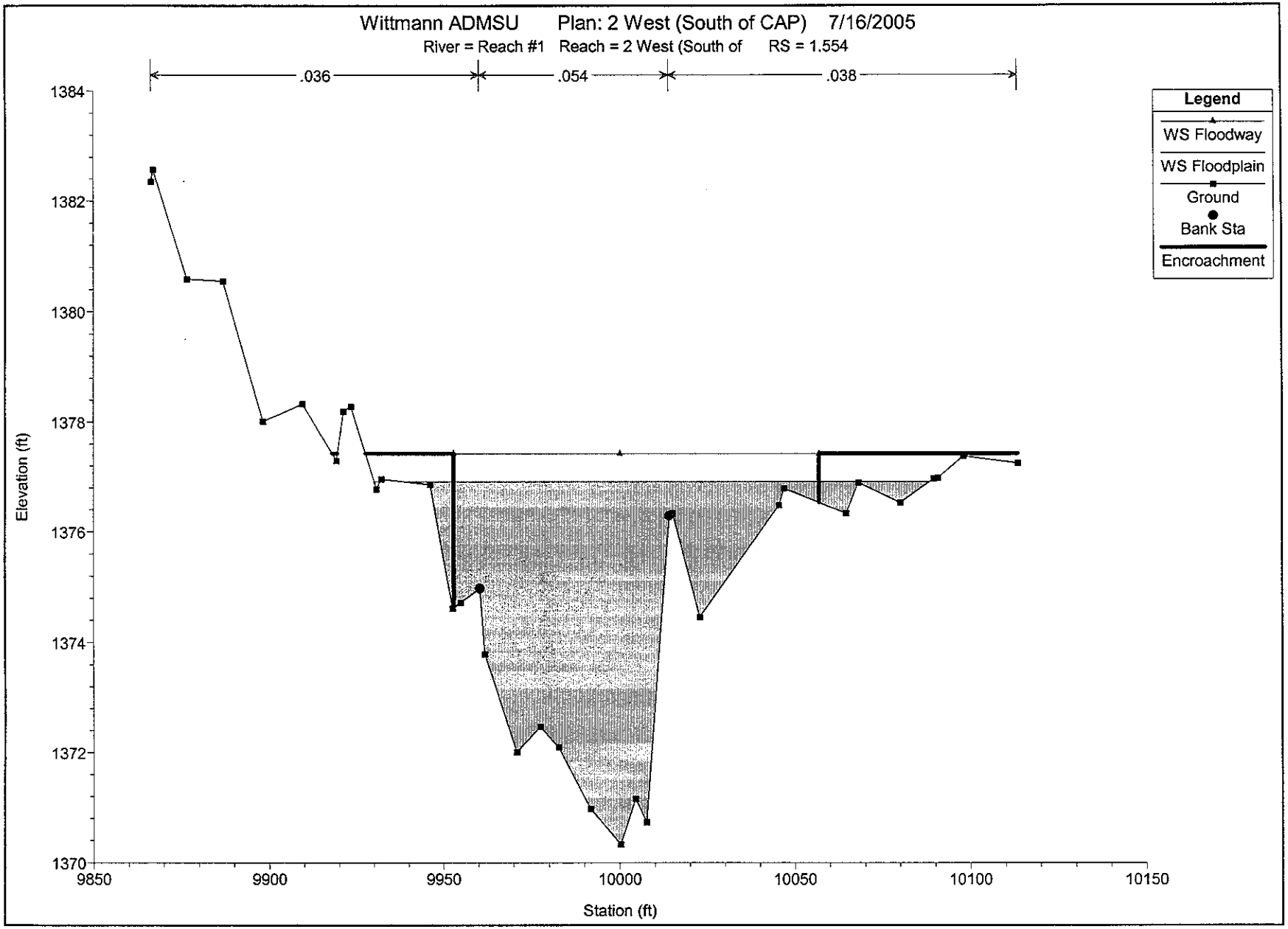

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.863
.038
.055
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1389
1388
1387
1386
1385
1384
1383
1382
9400
9600
9800
10000
10200
10400
Station (ft)

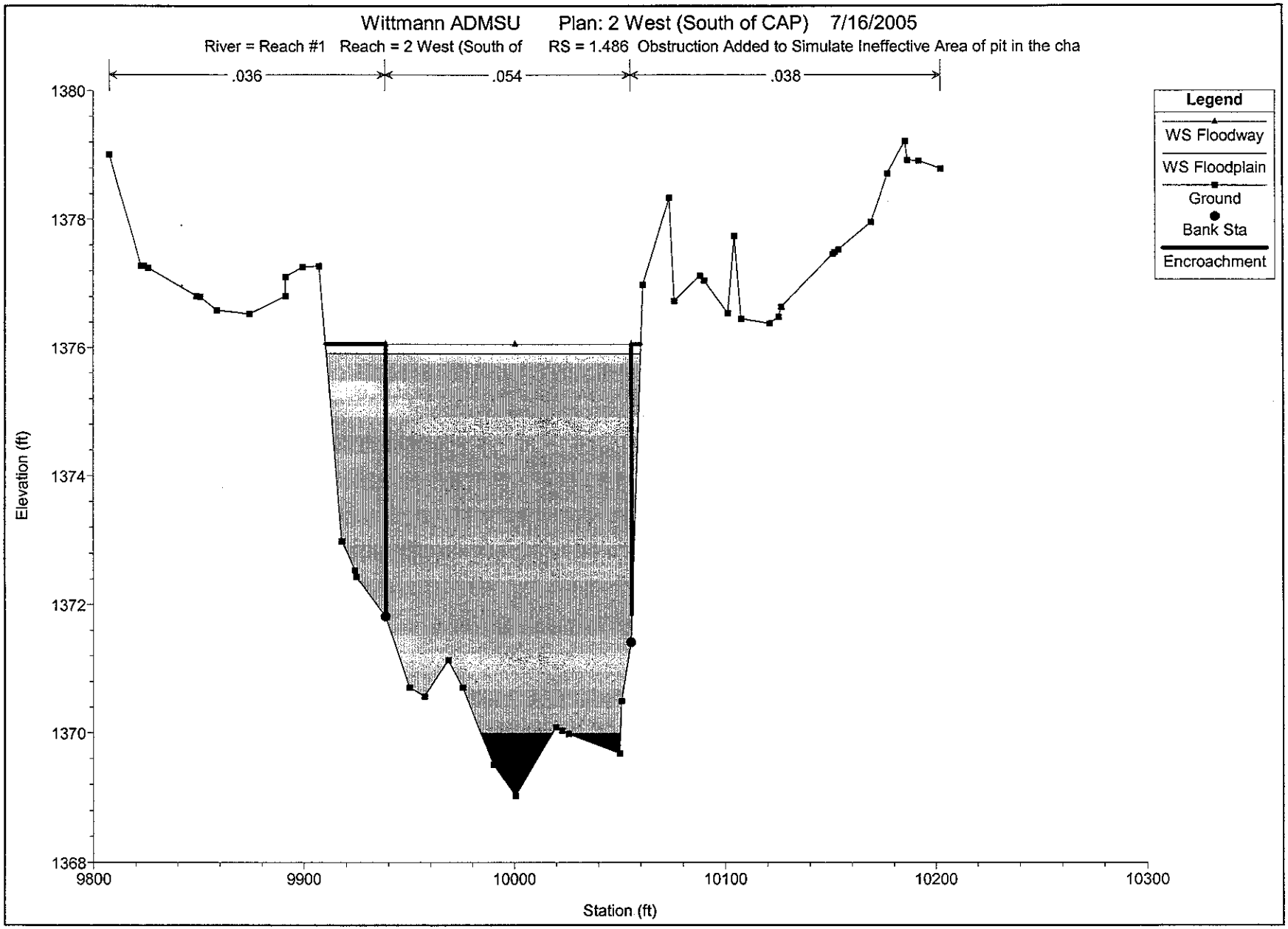

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.779
.038
.055
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1390
1388
1386
1384
1382
1380
1378
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

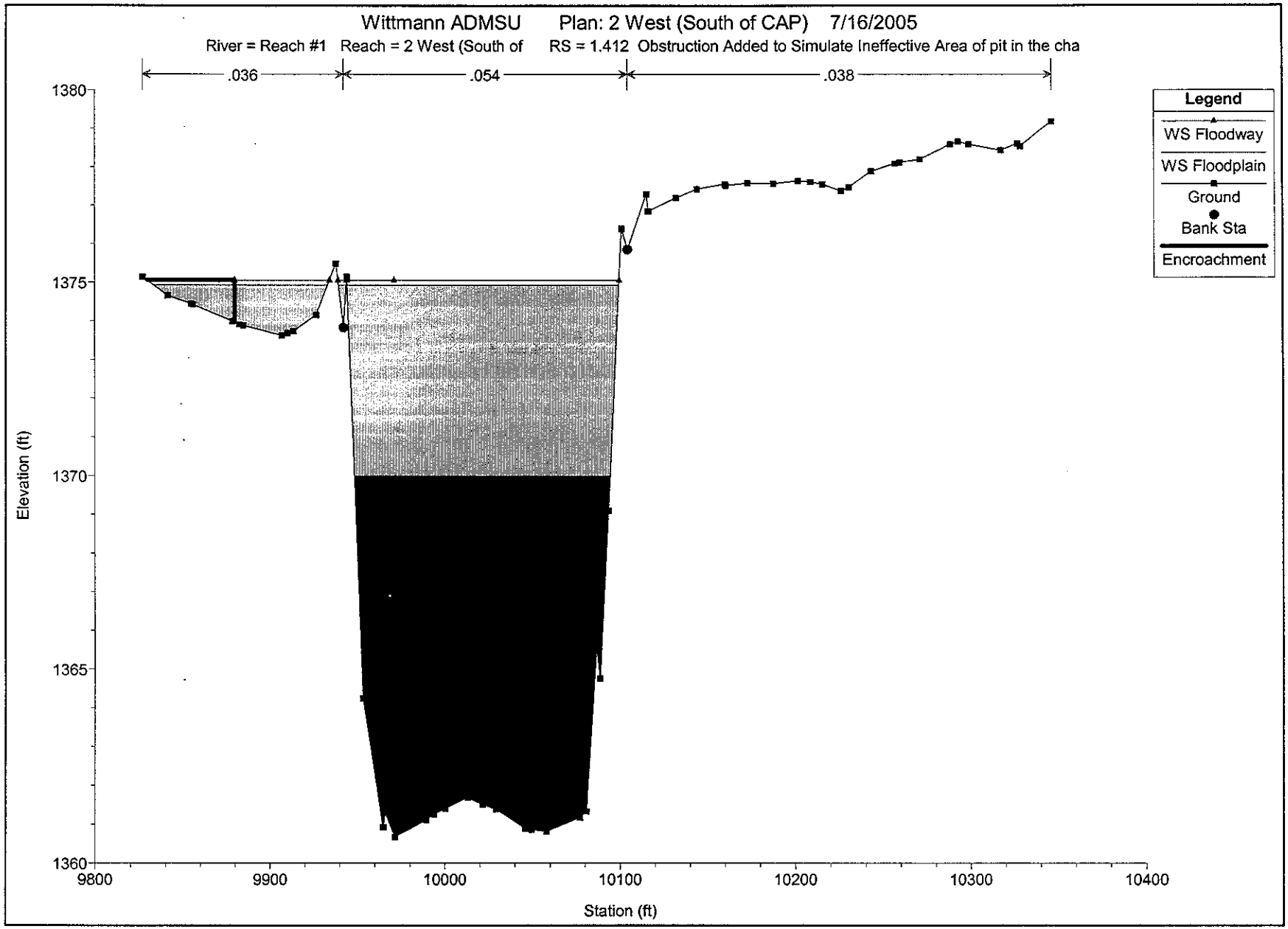

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.692
.038
.055
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1388
1386
1384
1382
1380
1378
1376
1374
9600
9700
9800
9900
10000
10100
10200
Station (ft)

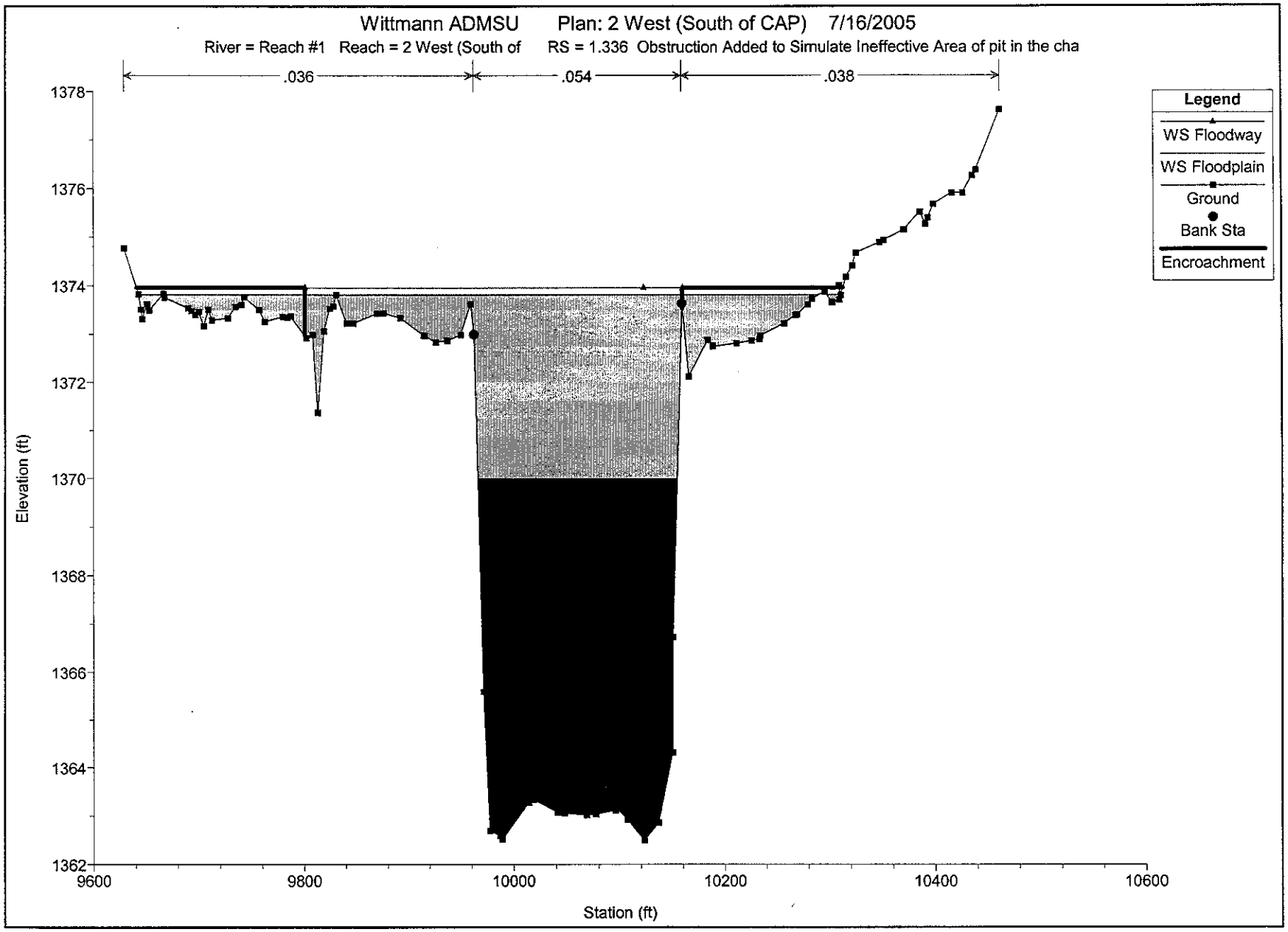

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.635
.038
.055
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1386
1384
1382
1380
1378
1376
1374
1372
9900
9950
10000
10050
10100
10150
Station (ft)

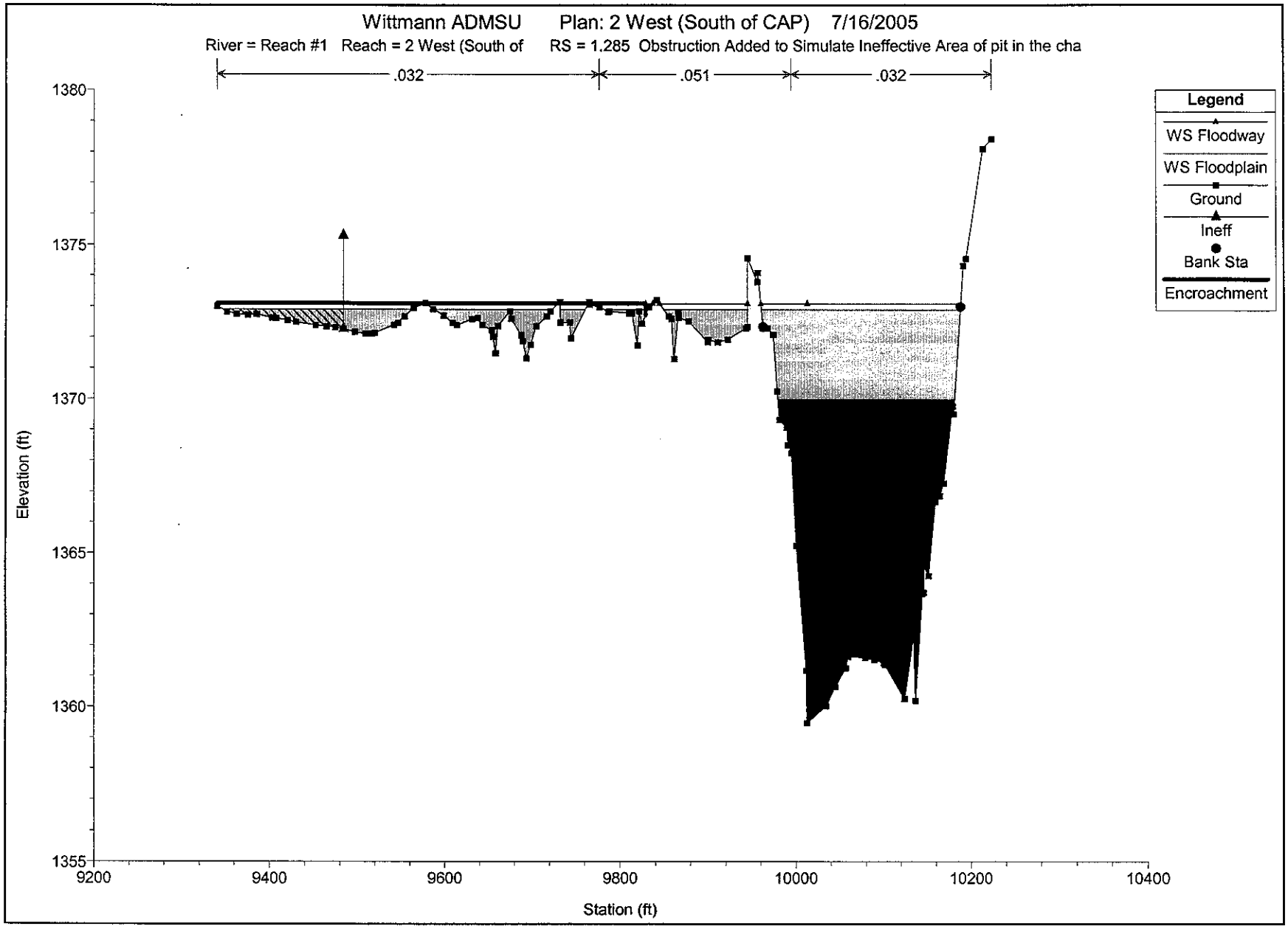

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.586
.036
.054
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1382
1380
1378
1376
1374
1372
1370
1368
1366
1364
9850
9900
9950
10000
10050
10100
Station (ft)

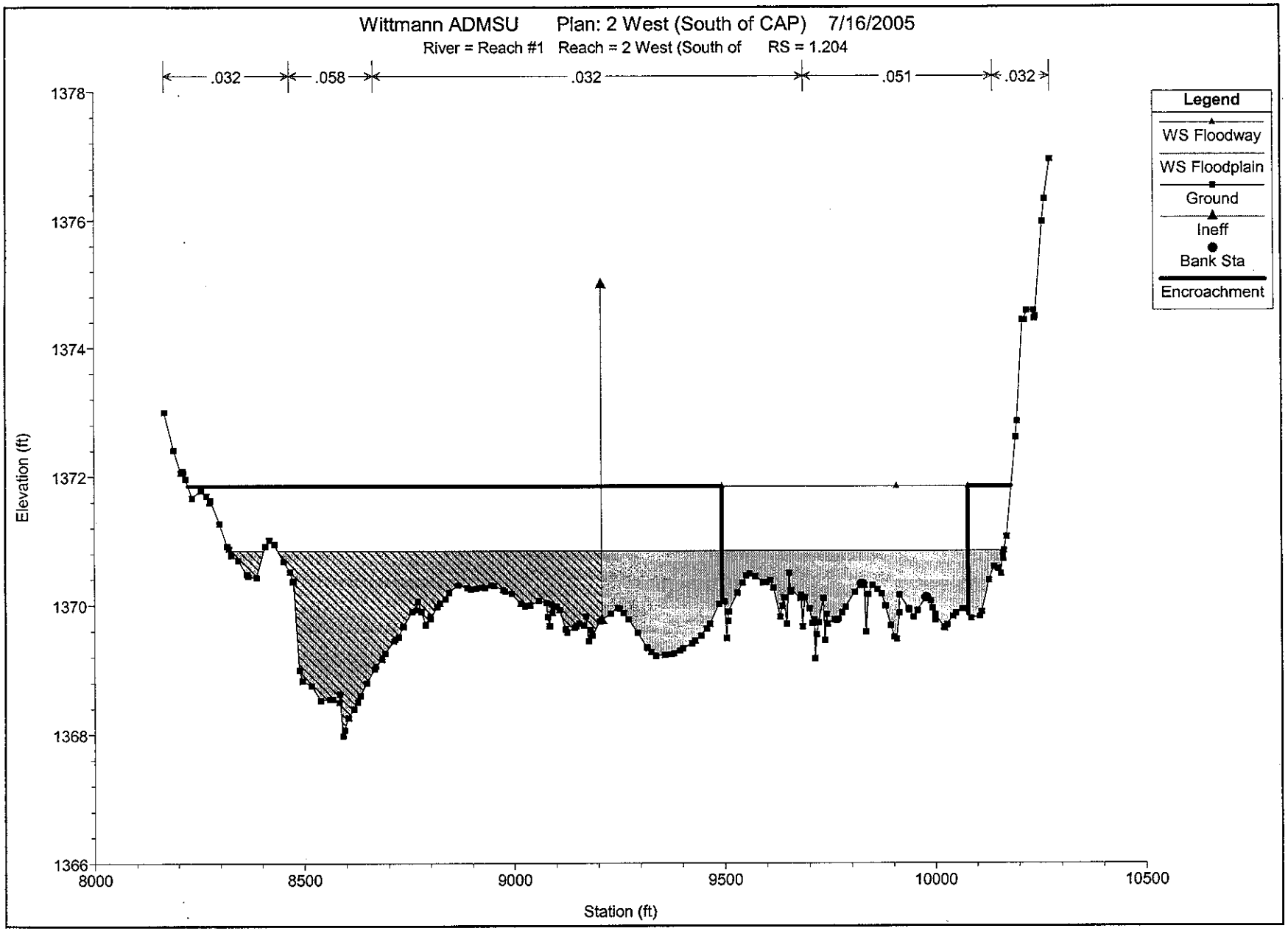

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.554
.036
.054
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1384
1382
1380
1378
1376
1374
1372
1370
9850
9900
9950
10000
10050
10100
10150
Station (ft)

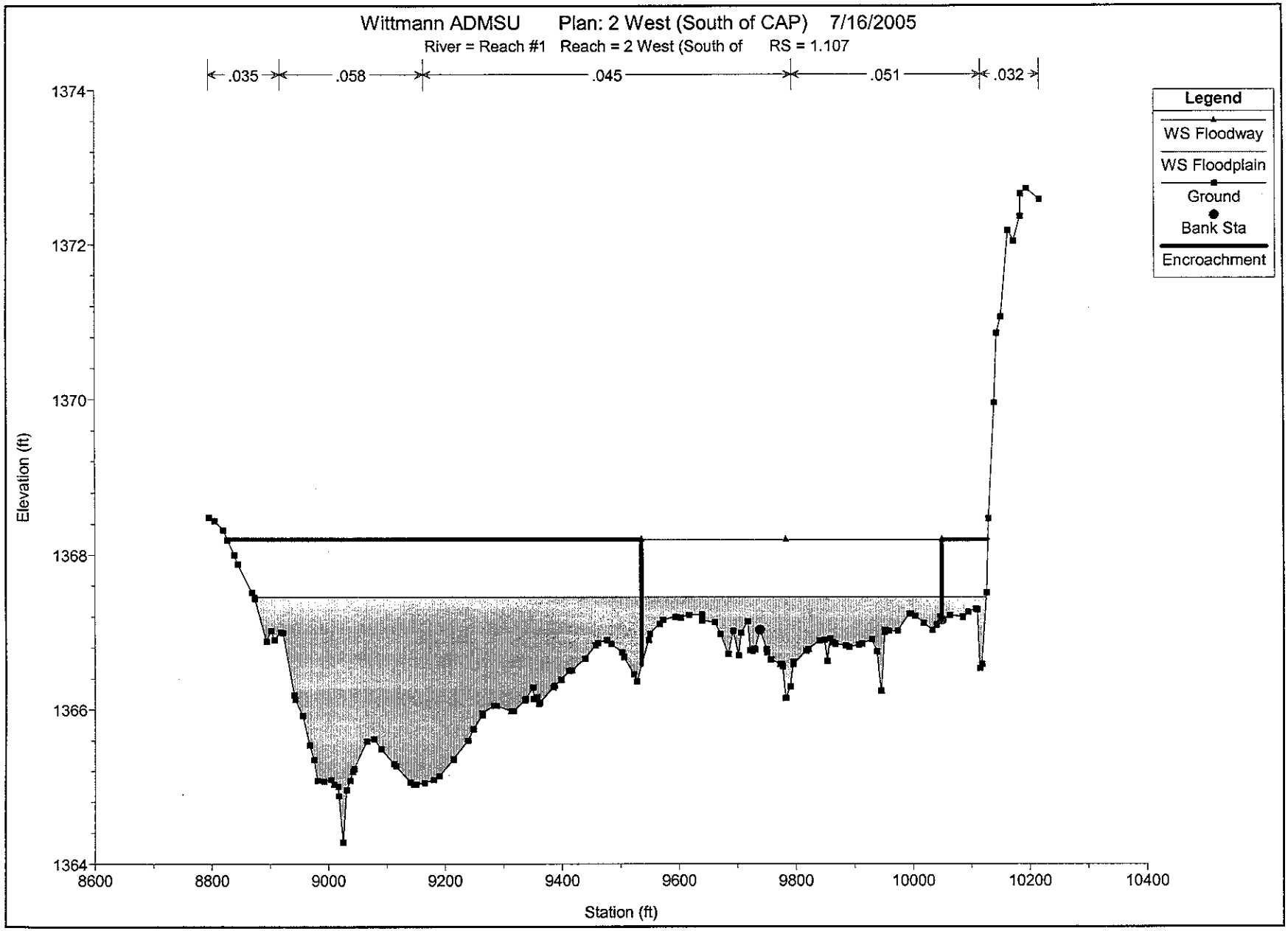

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.486 Obstruction Added to Simulate Ineffective Area of pit in the cha
.036
.054
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1380
1378
1376
1374
1372
1370
1368
9800
9900
10000
10100
10200
10300
Station (ft)

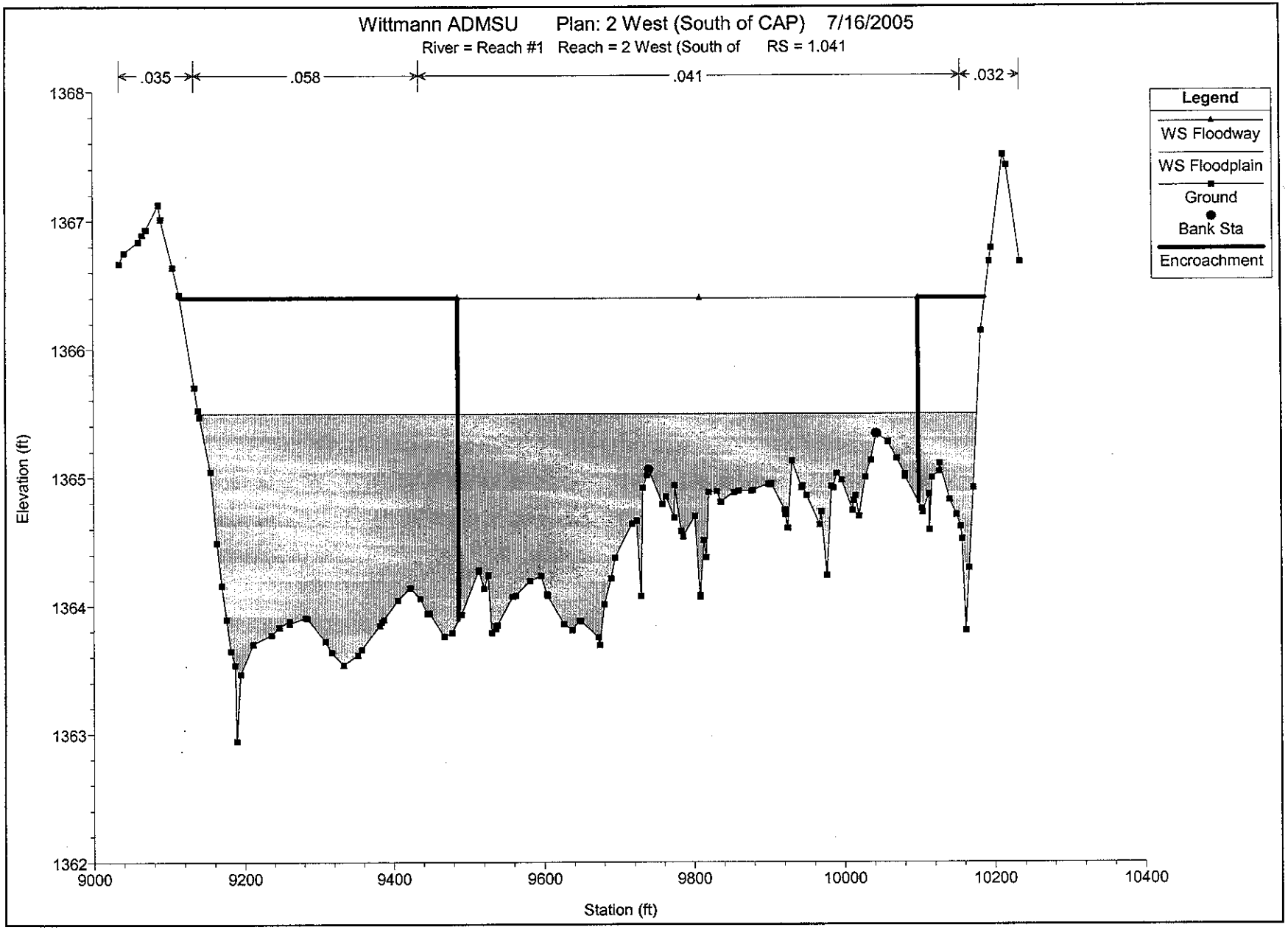

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.412 Obstruction Added to Simulate Ineffective Area of pit in the cha
.036
.054
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1380
1375
1370
1365
1360
9800
9900
10000
10100
10200
10300
10400
Station (ft)

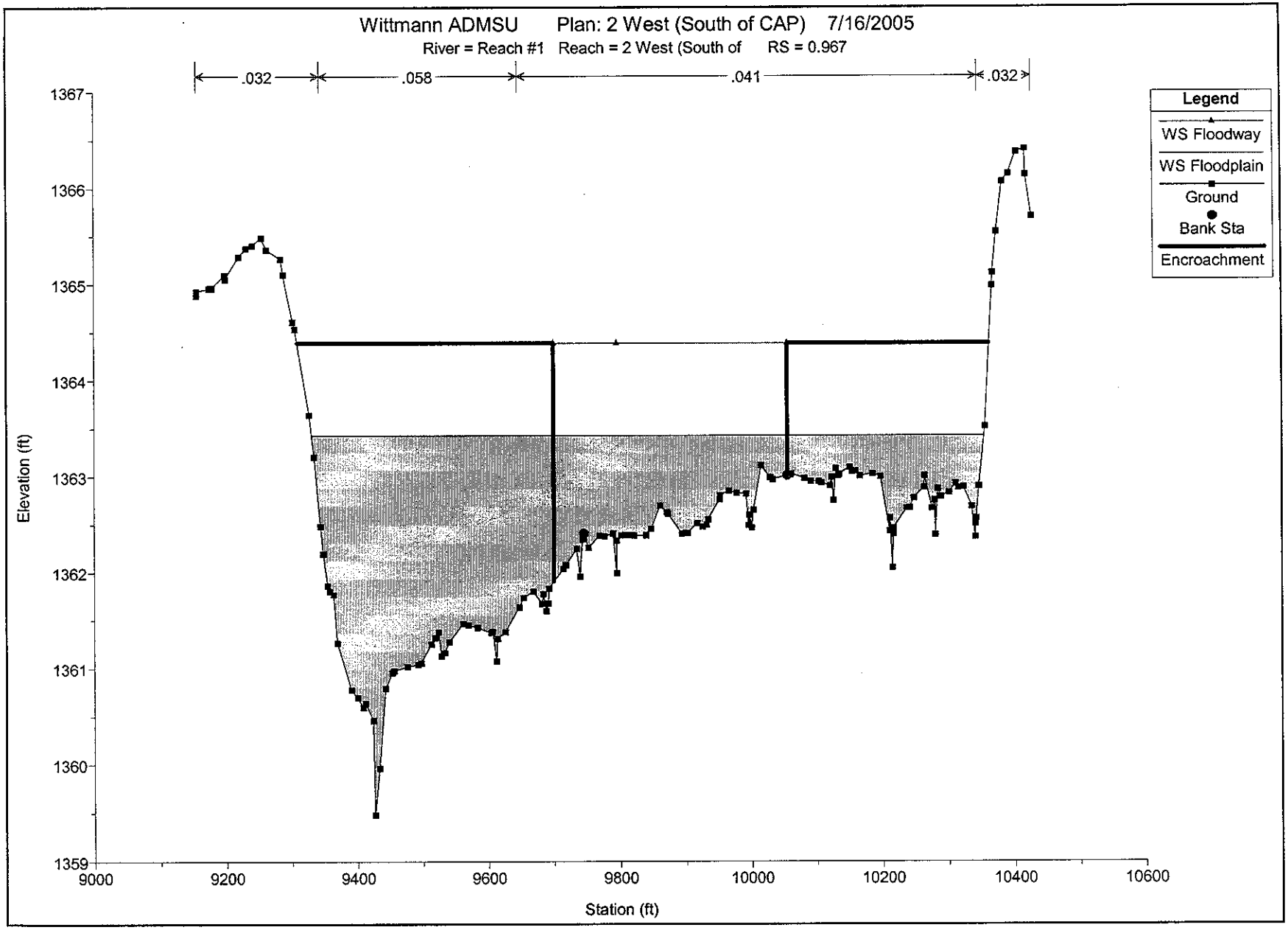

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.336 Obstruction Added to Simulate Ineffective Area of pit in the cha
.036
.054
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1378
1376
1374
1372
1370
1368
1366
1364
1362
9600
9800
10000
10200
10400
10600
Station (ft)

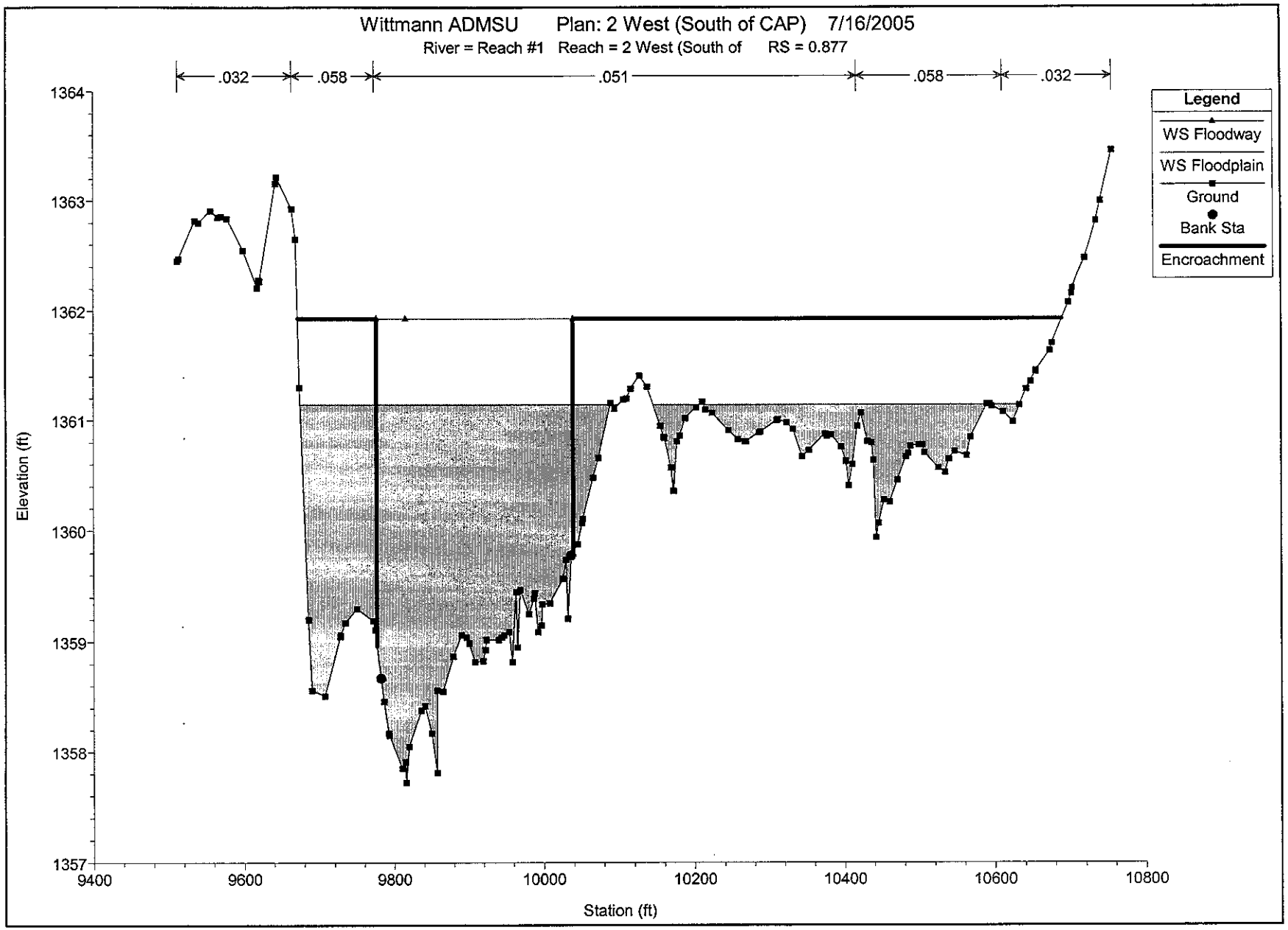

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.285 Obstruction Added to Simulate Ineffective Area of pit in the cha
.032
.051
.032
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1380
1375
1370
1365
1360
1355
9200
9400
9600
9800
10000
10200
10400
Station (ft)

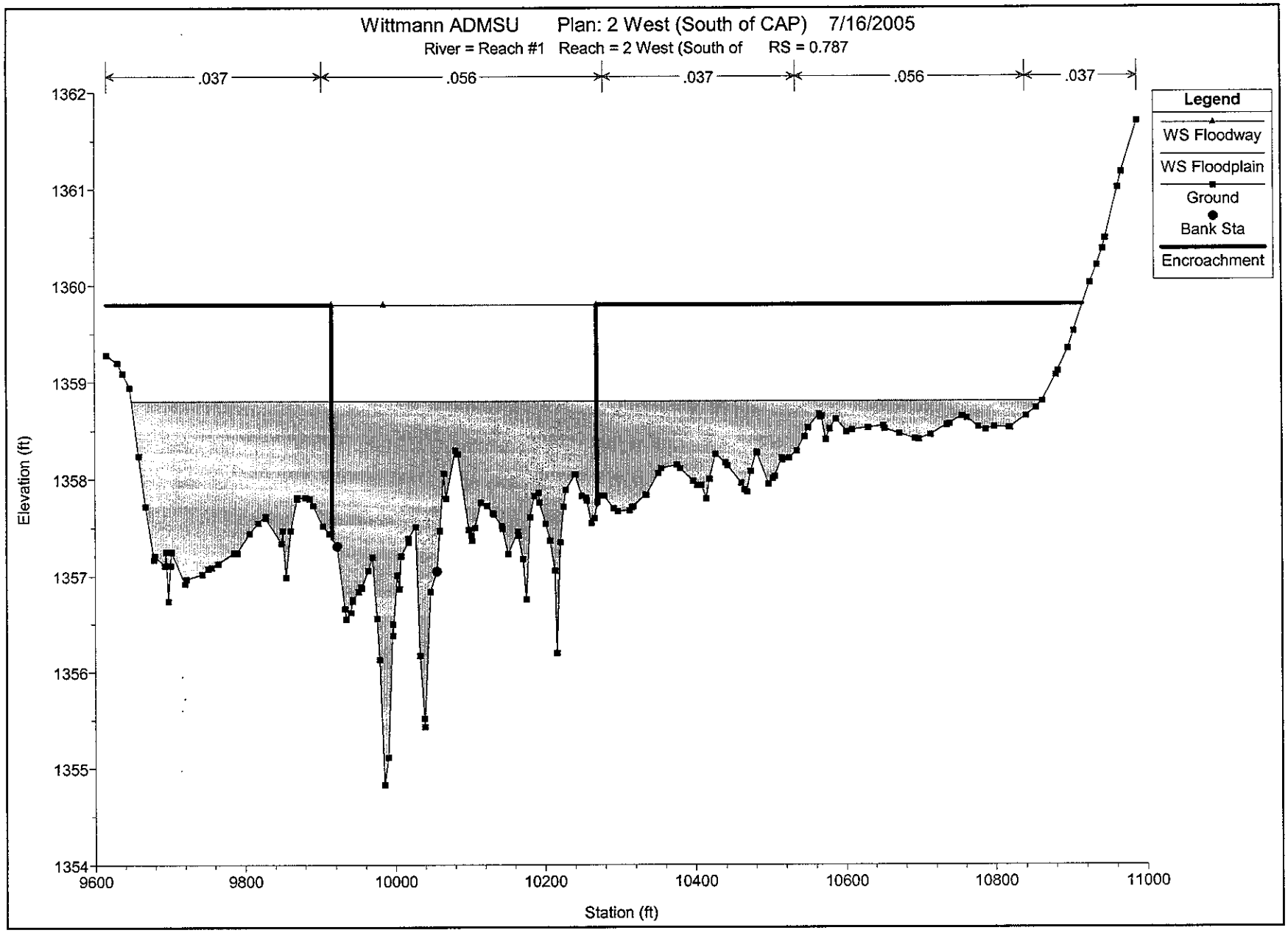

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.204
.032
.058
.032
.051
.032
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1378
1376
1374
1372
1370
1368
1366
8000
8500
9000
9500
10000
10500
Station (ft)

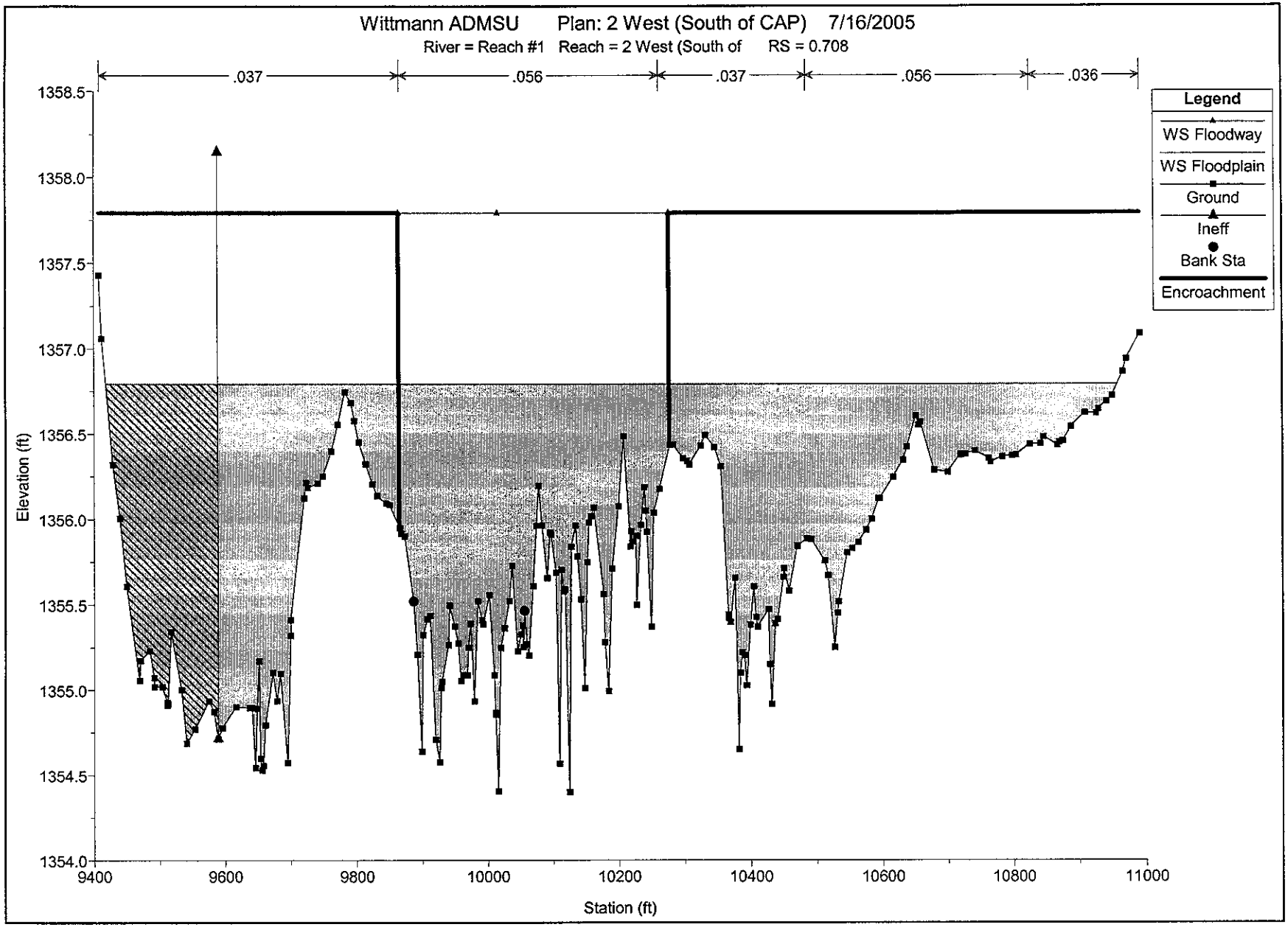

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.107
.035
.058
.045
.051
.032
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1374
1372
1370
1368
1366
1364
8600
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

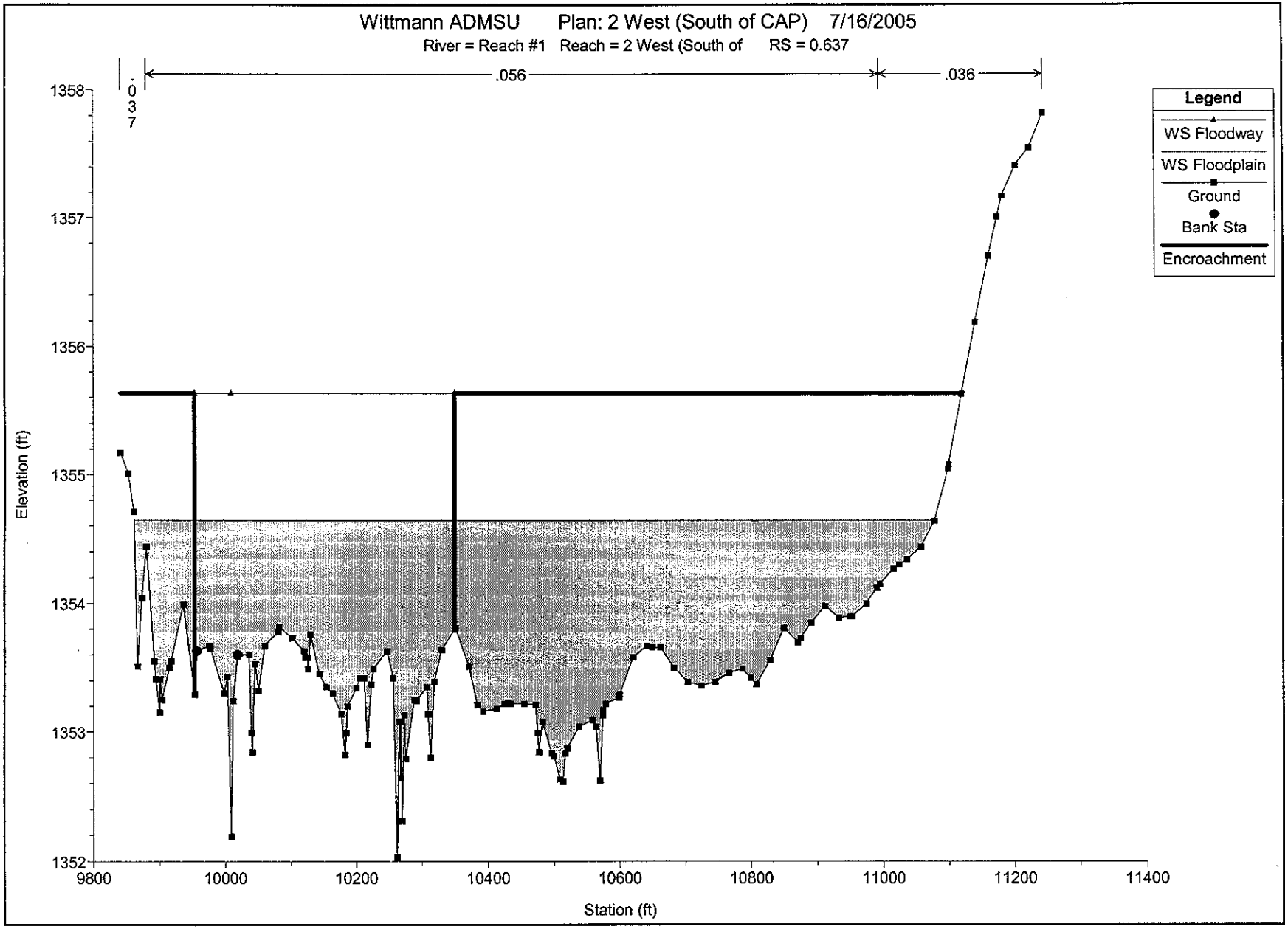

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 1.041
.035
.058
.041
.032
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1368
1367
1366
1365
1364
1363
1362
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

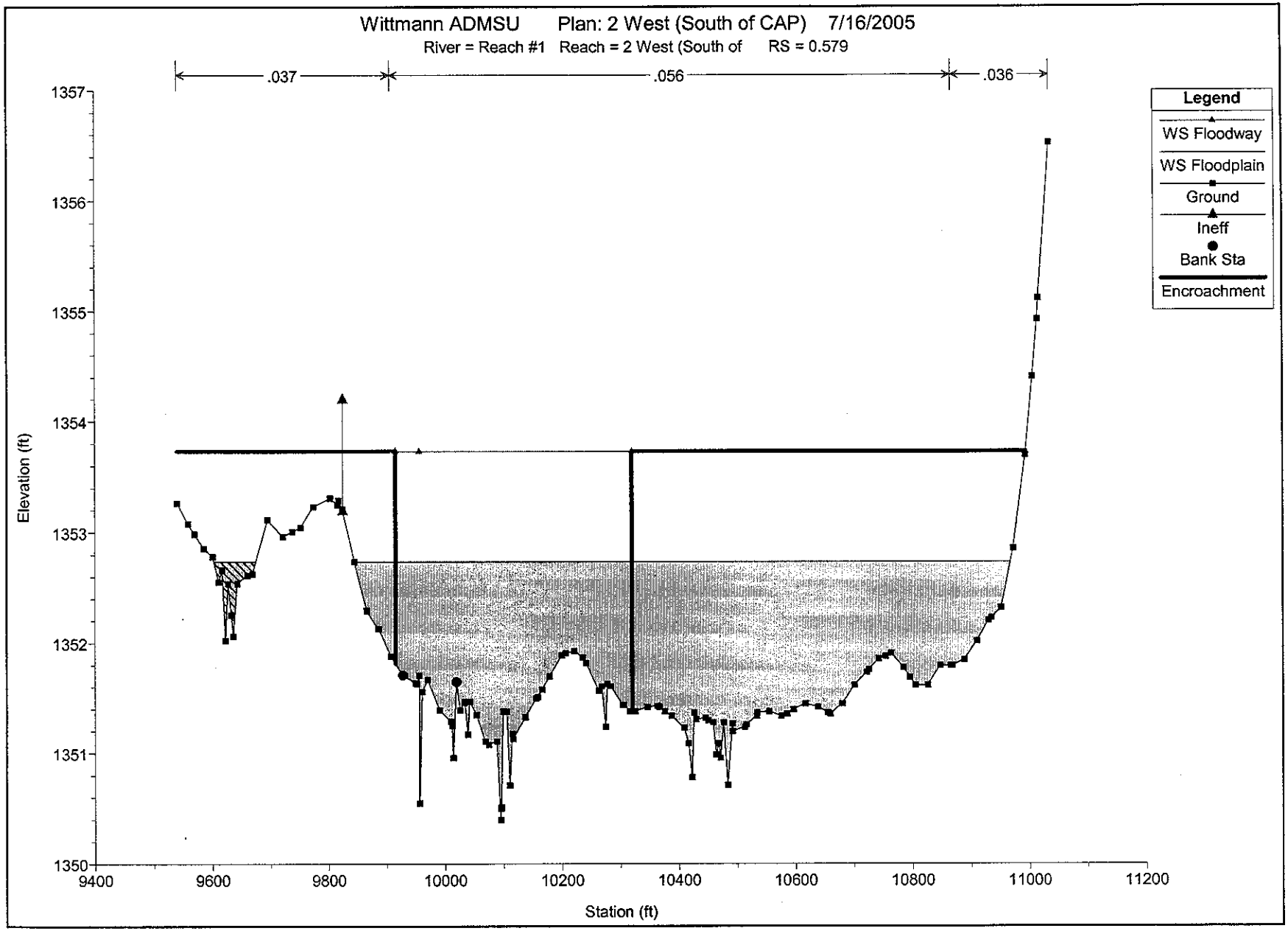

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.967
.032
.058
.041
.032
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1367
1366
1365
1364
1363
1362
1361
1360
1359
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

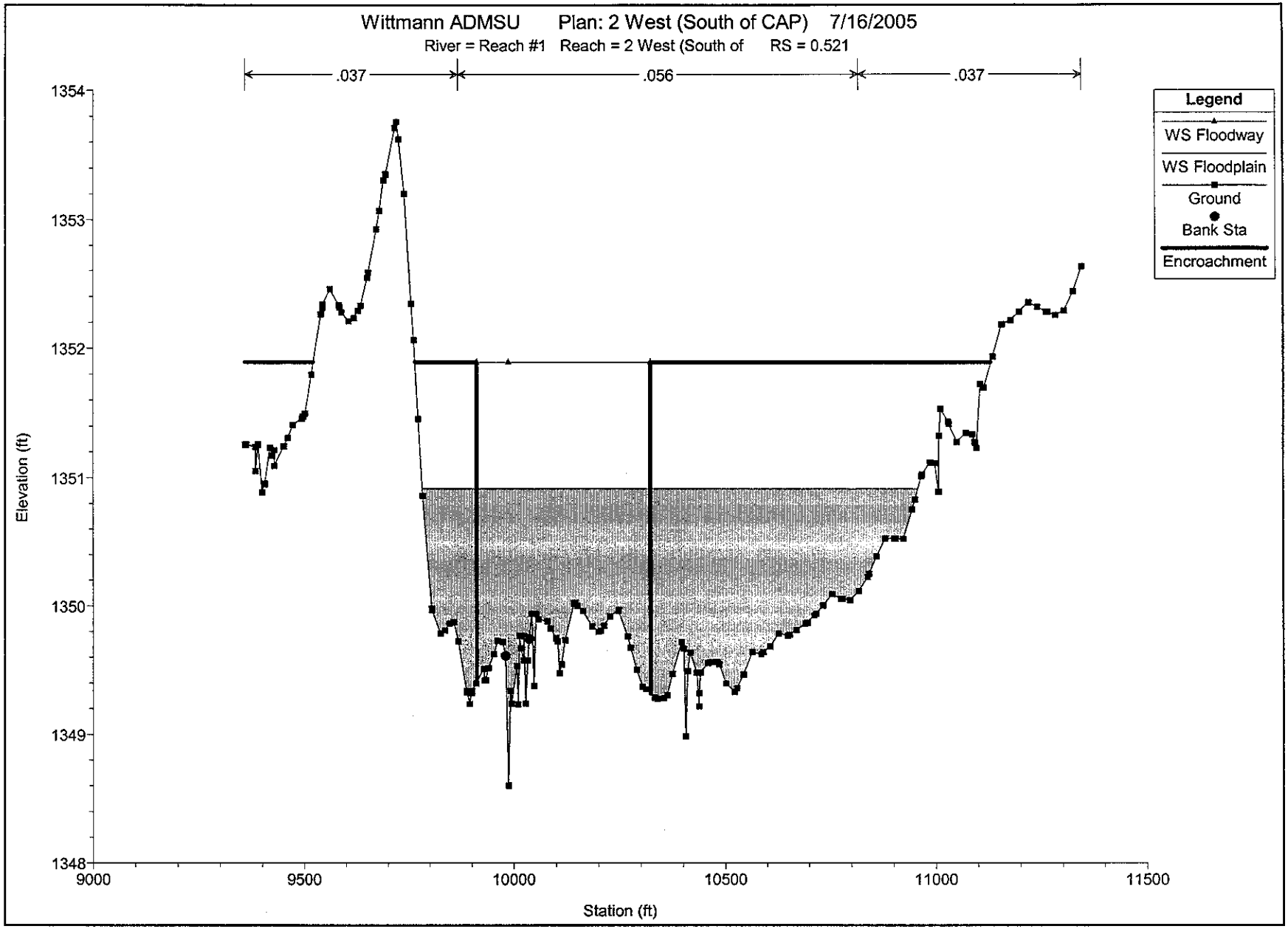

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.877
.032
.058
.051
.058
.032
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1364
1363
1362
1361
1360
1359
1358
1357
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

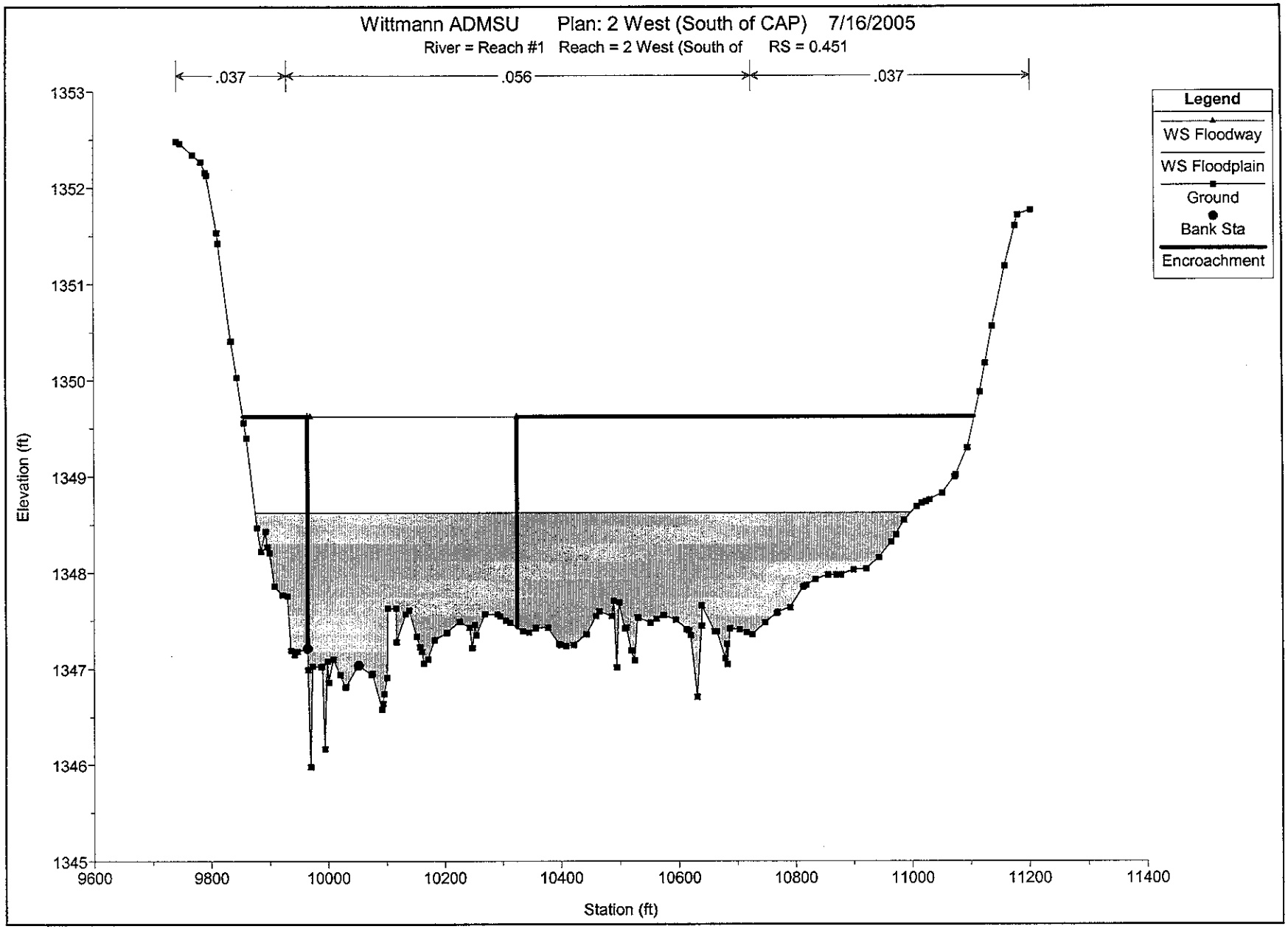

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.787
.037
.056
.037
.056
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1362
1361
1360
1359
1358
1357
1356
1355
1354
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

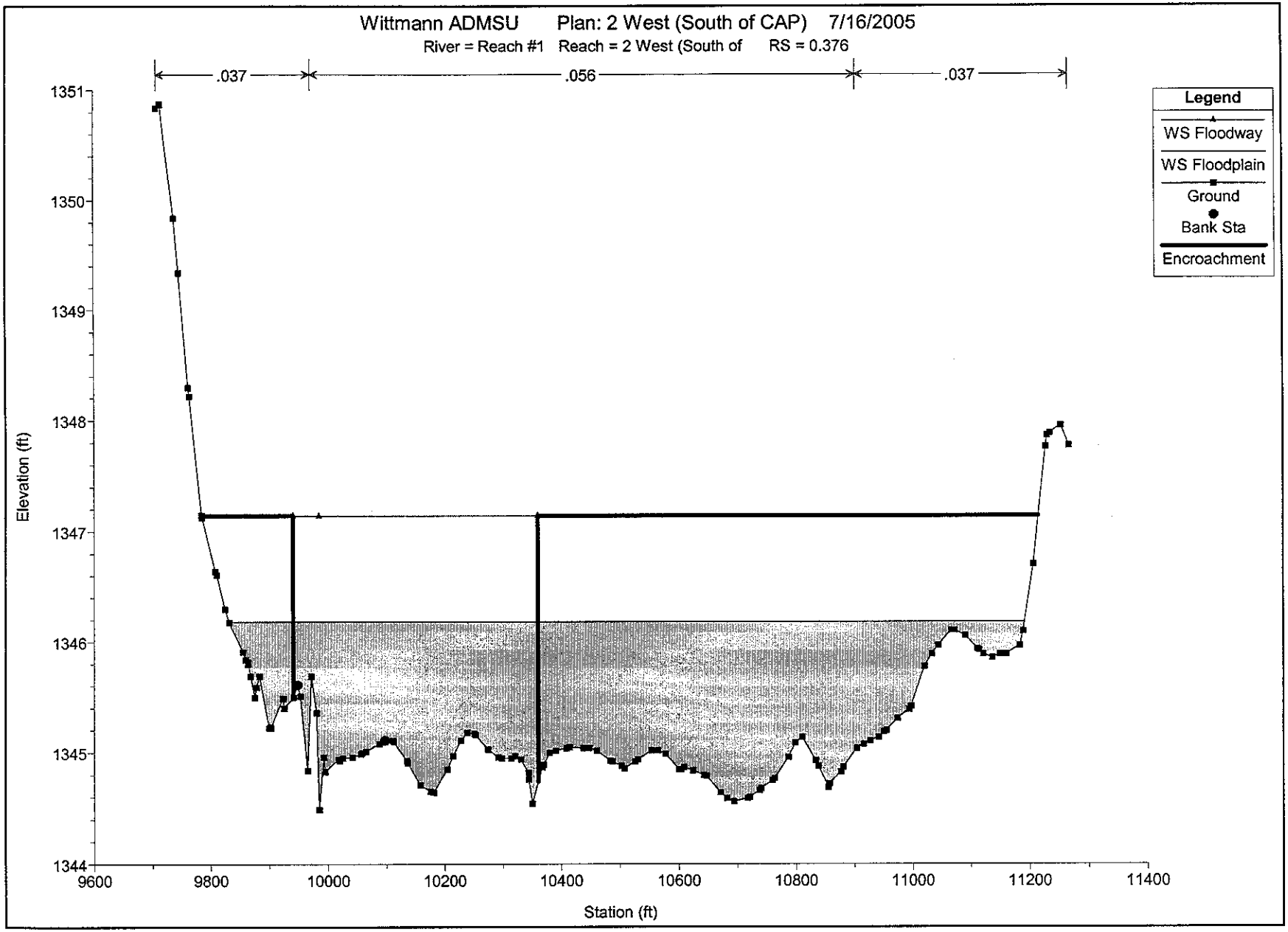

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.708
.037
.056
.037
.056
.036
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1358.5
1358.0
1357.5
1357.0
1356.5
1356.0
1355.5
1355.0
1354.5
1354.0
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

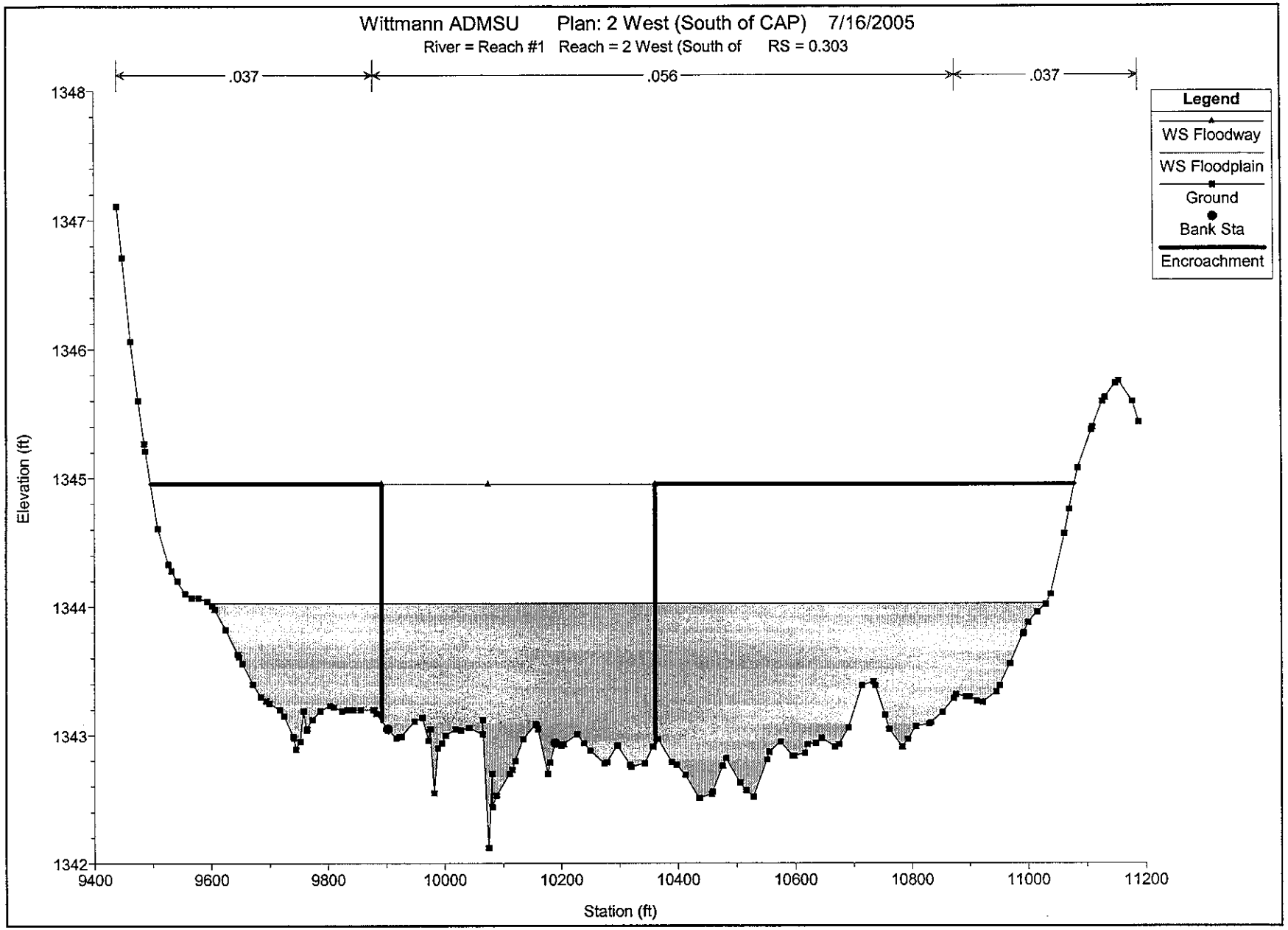

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.637
.037
.056
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1358
1357
1356
1355
1354
1353
1352
9800
10000
10200
10400
10600
10800
11000
11200
11400
Station (ft)

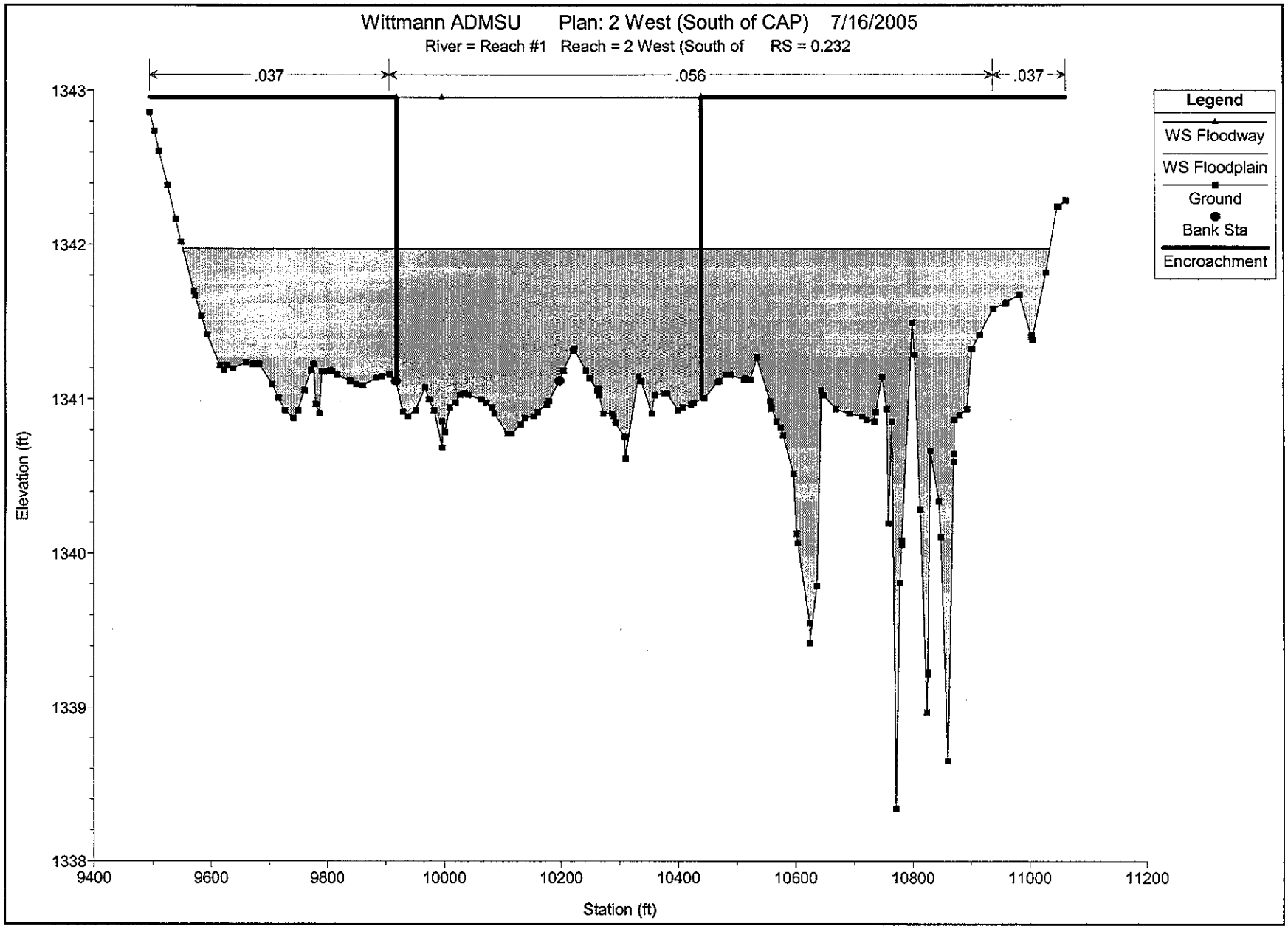

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.579
.037
.056
.036
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1357
1356
1355
1354
1353
1352
1351
1350
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)


Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.521
.037
.056
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1354
1353
1352
1351
1350
1349
1348
9000
9500
10000
10500
11000
11500
Station (ft)

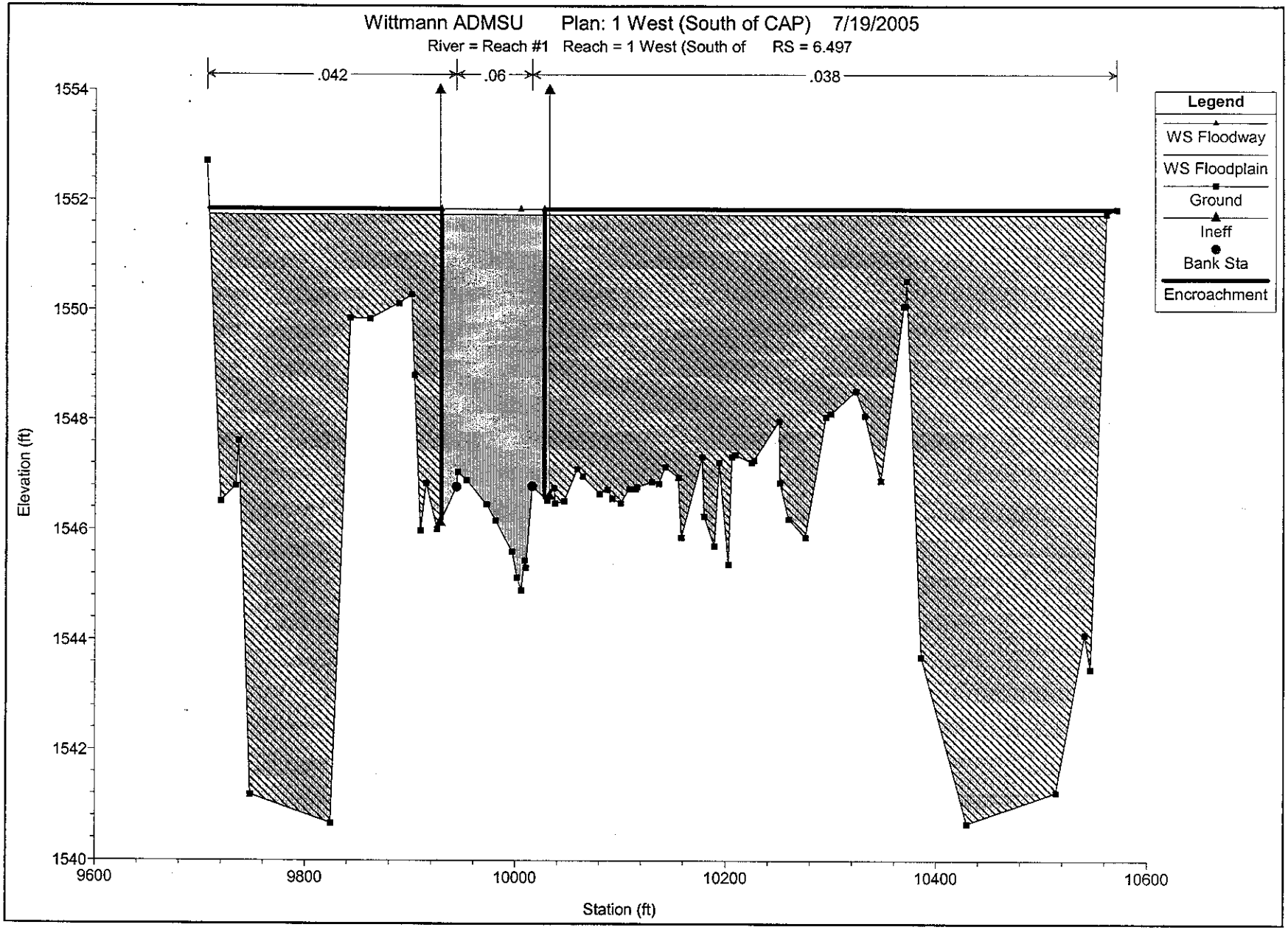

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.451
.037
.056
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1353
1352
1351
1350
1349
1348
1347
1346
1345
9600
9800
10000
10200
10400
10600
10800
11000
11200
11400
Station (ft)

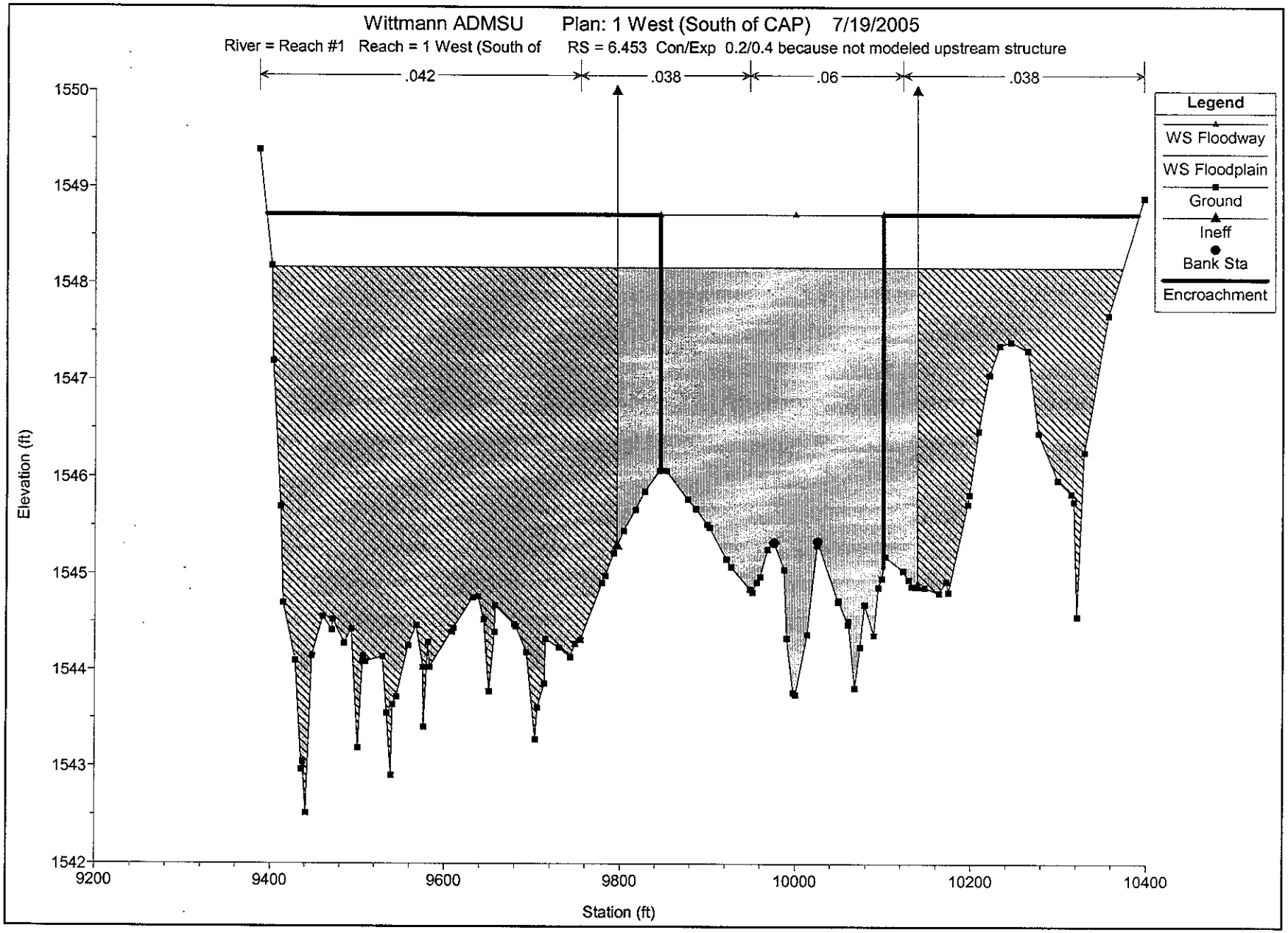

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.376
.037
.056
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1351
1350
1349
1348
1347
1346
1345
1344
9600
9800
10000
10200
10400
10600
10800
11000
11200
11400
Station (ft)

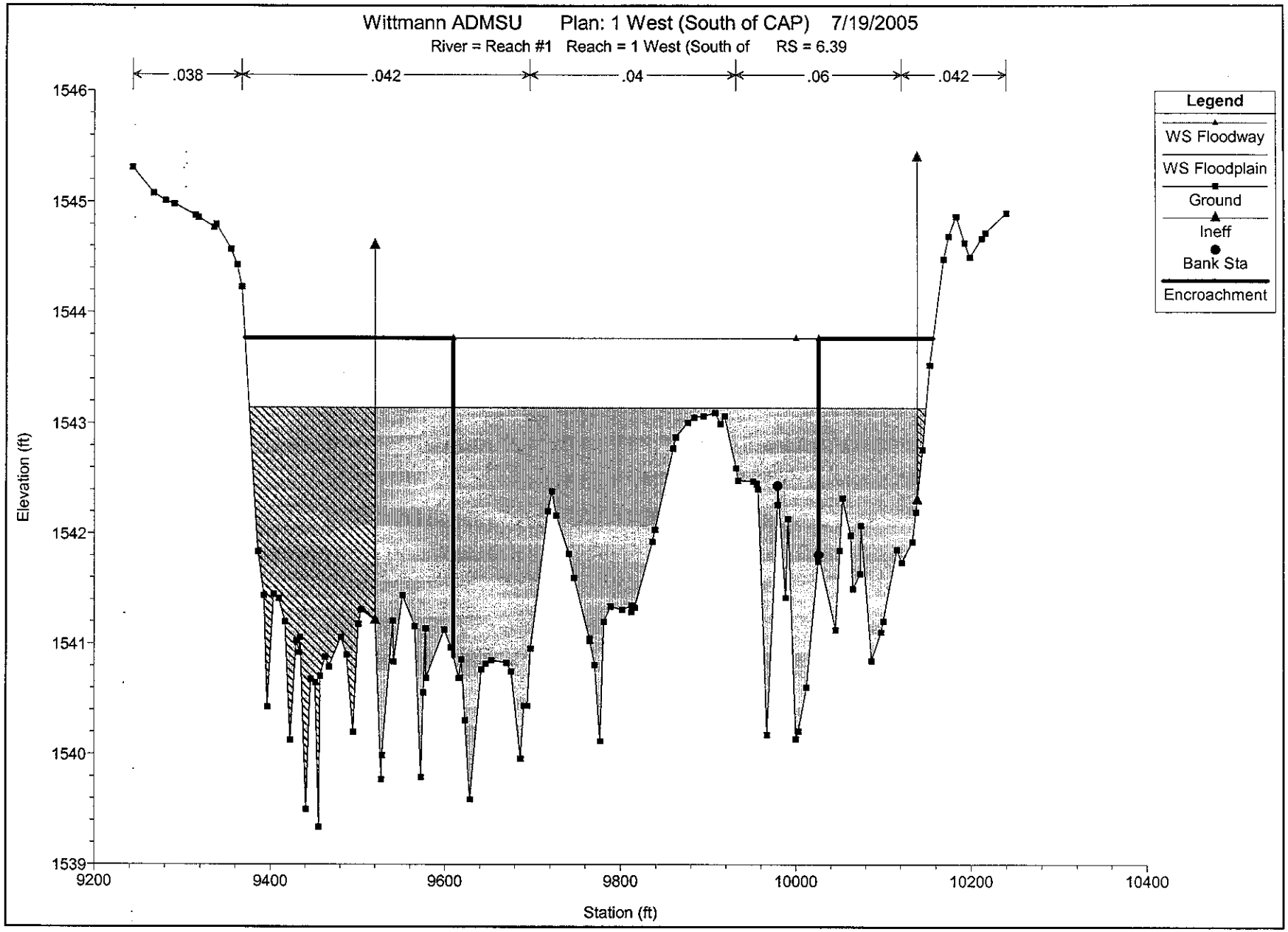

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.303
.037
.056
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1348
1347
1346
1345
1344
1343
1342
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

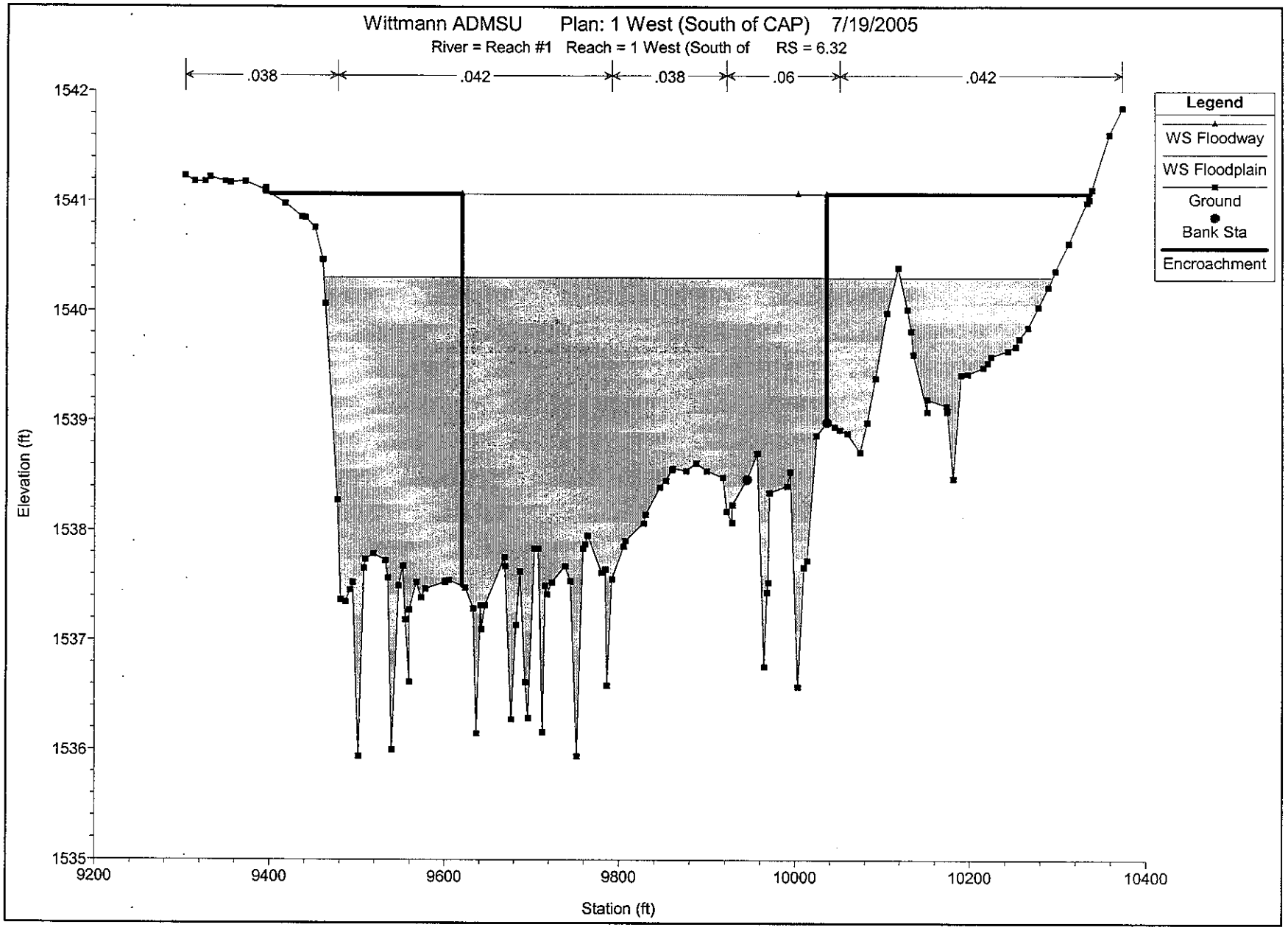

Wittmann ADMSU Plan: 2 West (South of CAP) 7/16/2005
River = Reach #1 Reach = 2 West (South of RS = 0.232
.037
.056
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1343
1342
1341
1340
1339
1338
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

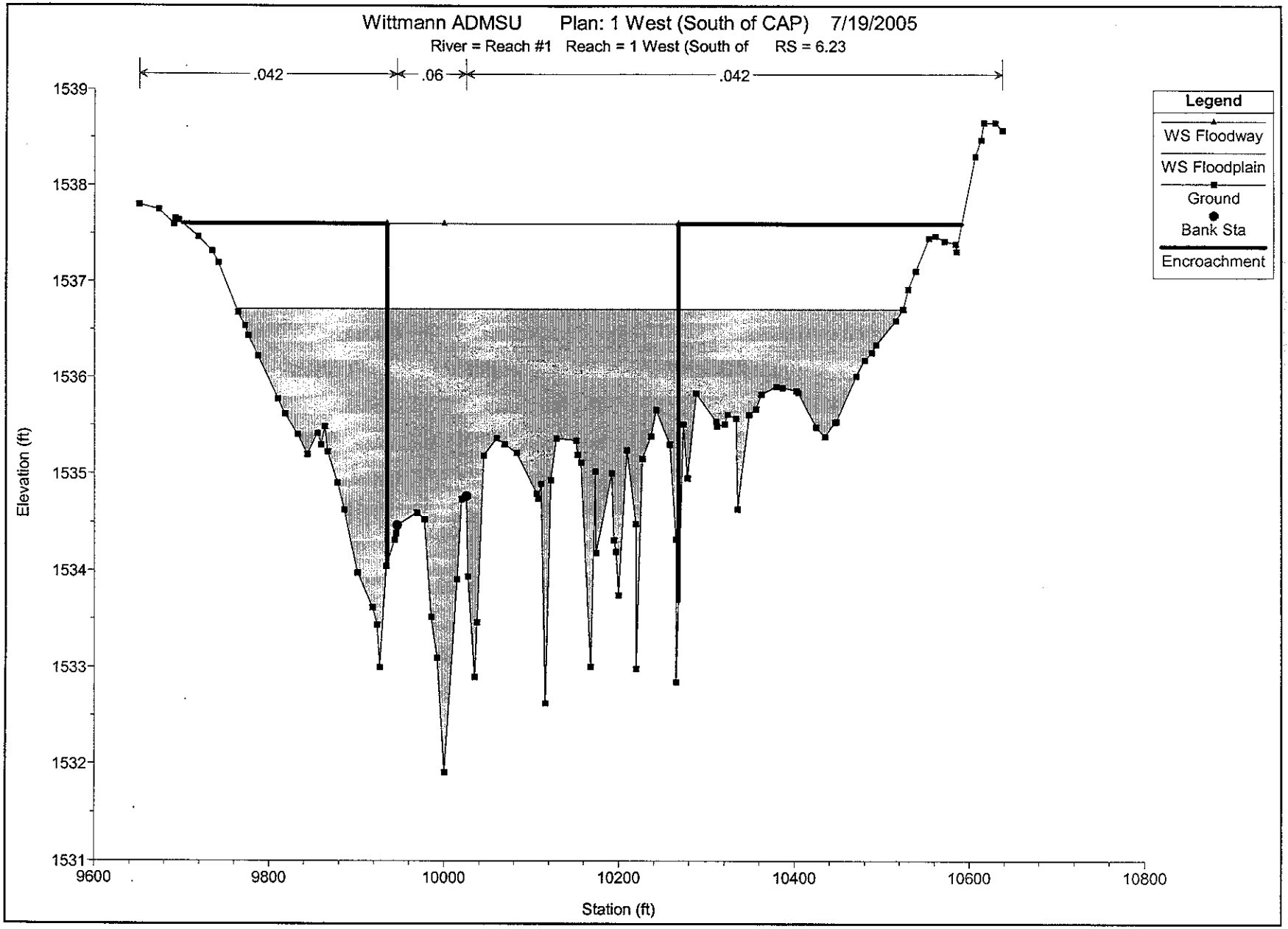
1 WEST

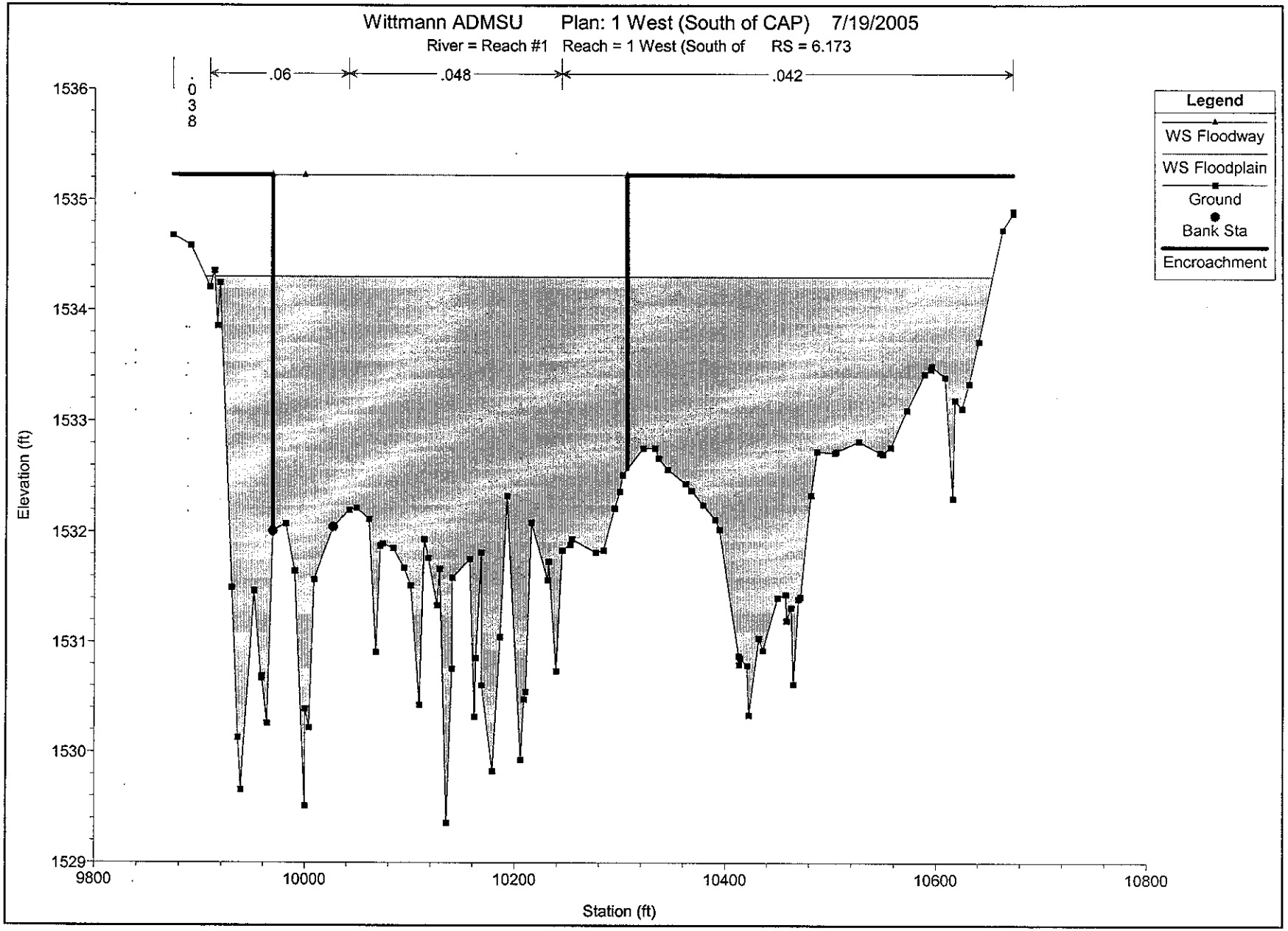

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 6.497
.042
.06
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1554
1552
1550
1548
1546
1544
1542
1540
9600
9800
10000
10200
10400
10600
Station (ft)

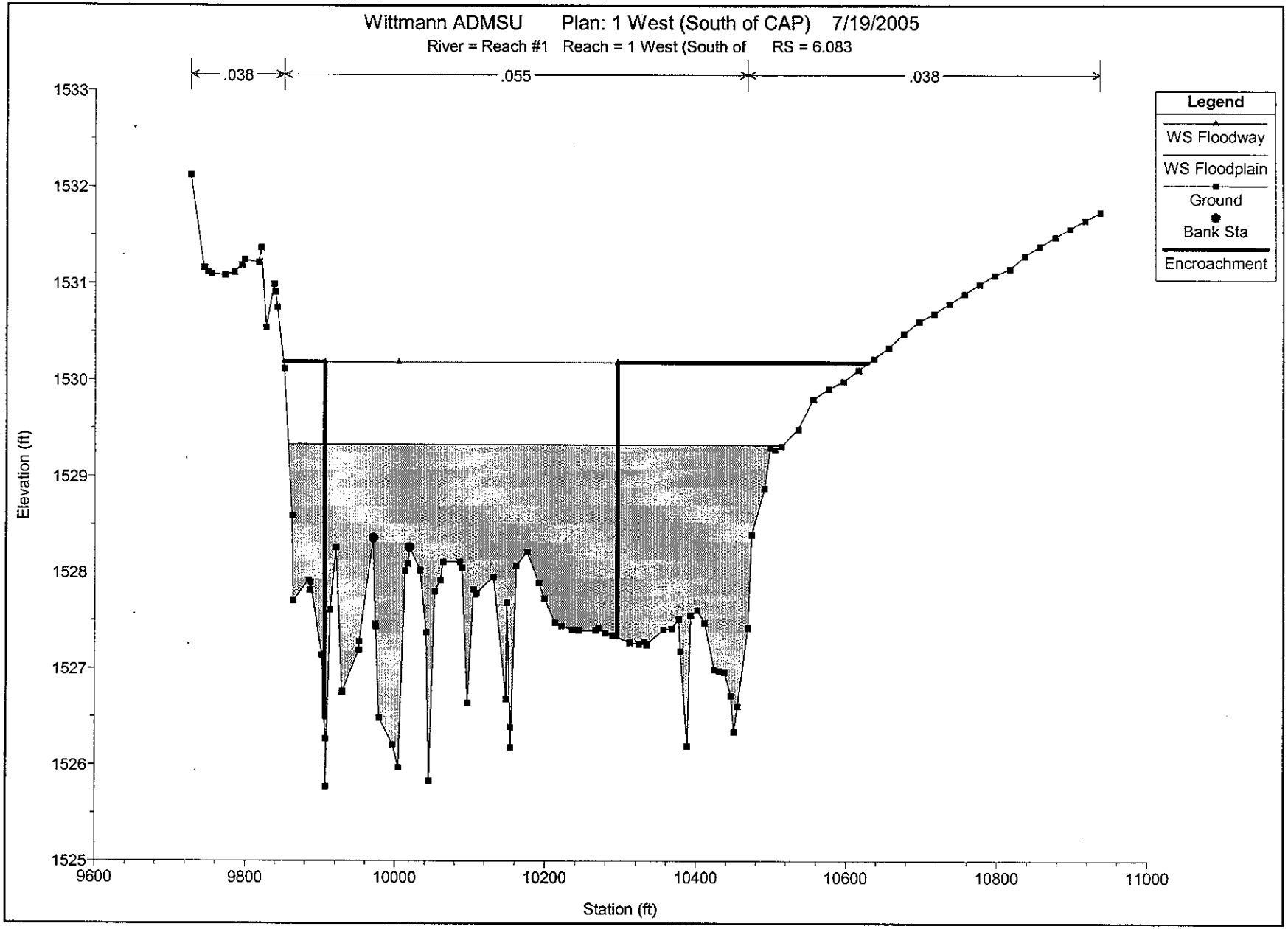

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 6.453 Con/Exp 0.2/0.4 because not modeled upstream structure
.042
.038
.06
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1550
1549
1548
1547
1546
1545
1544
1543
1542
9200
9400
9600
9800
10000
10200
10400
Station (ft)

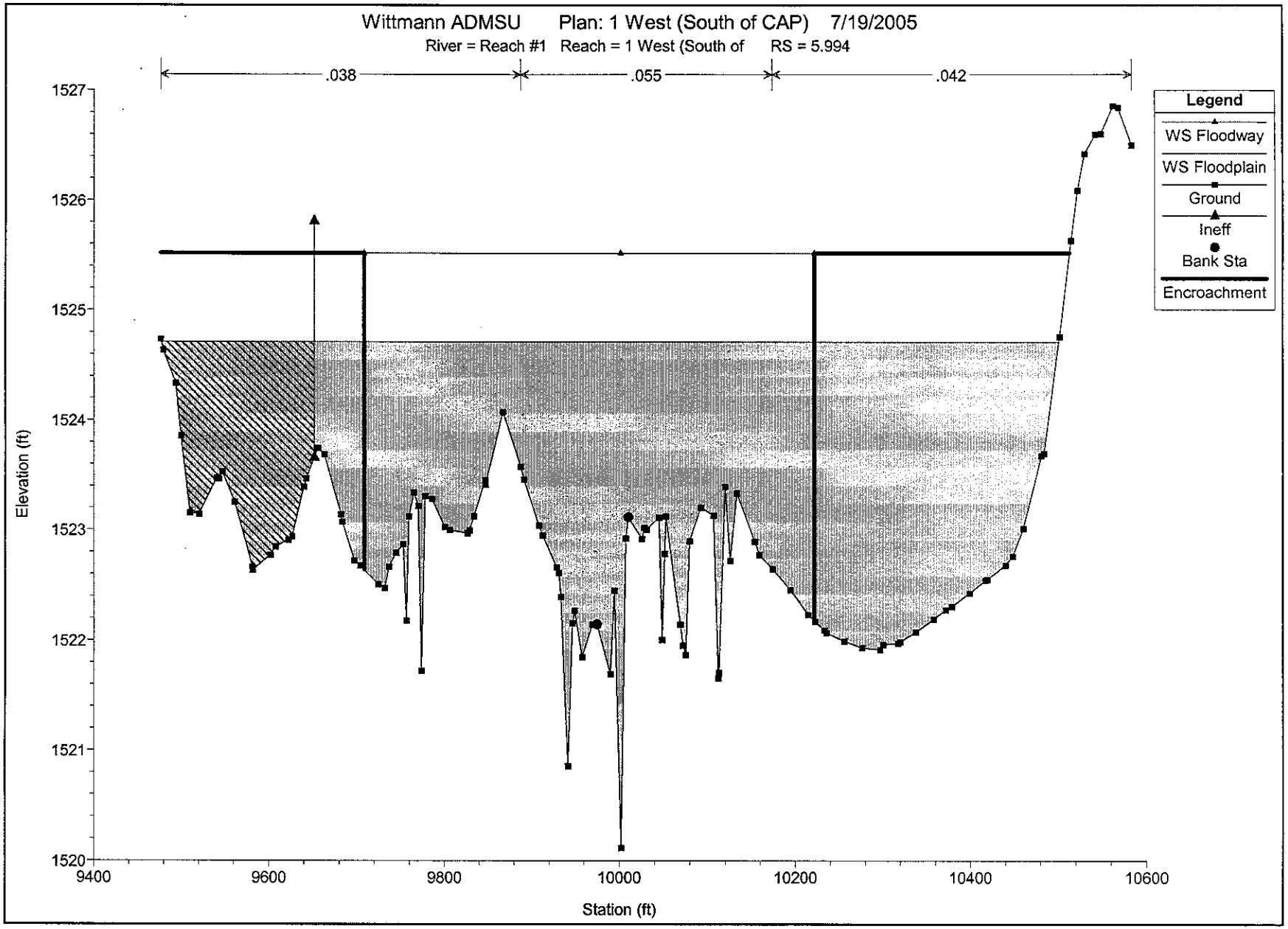

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 6.39
.038
.042
.04
.06
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1546
1545
1544
1543
1542
1541
1540
1539
9200
9400
9600
9800
10000
10200
10400
Station (ft)

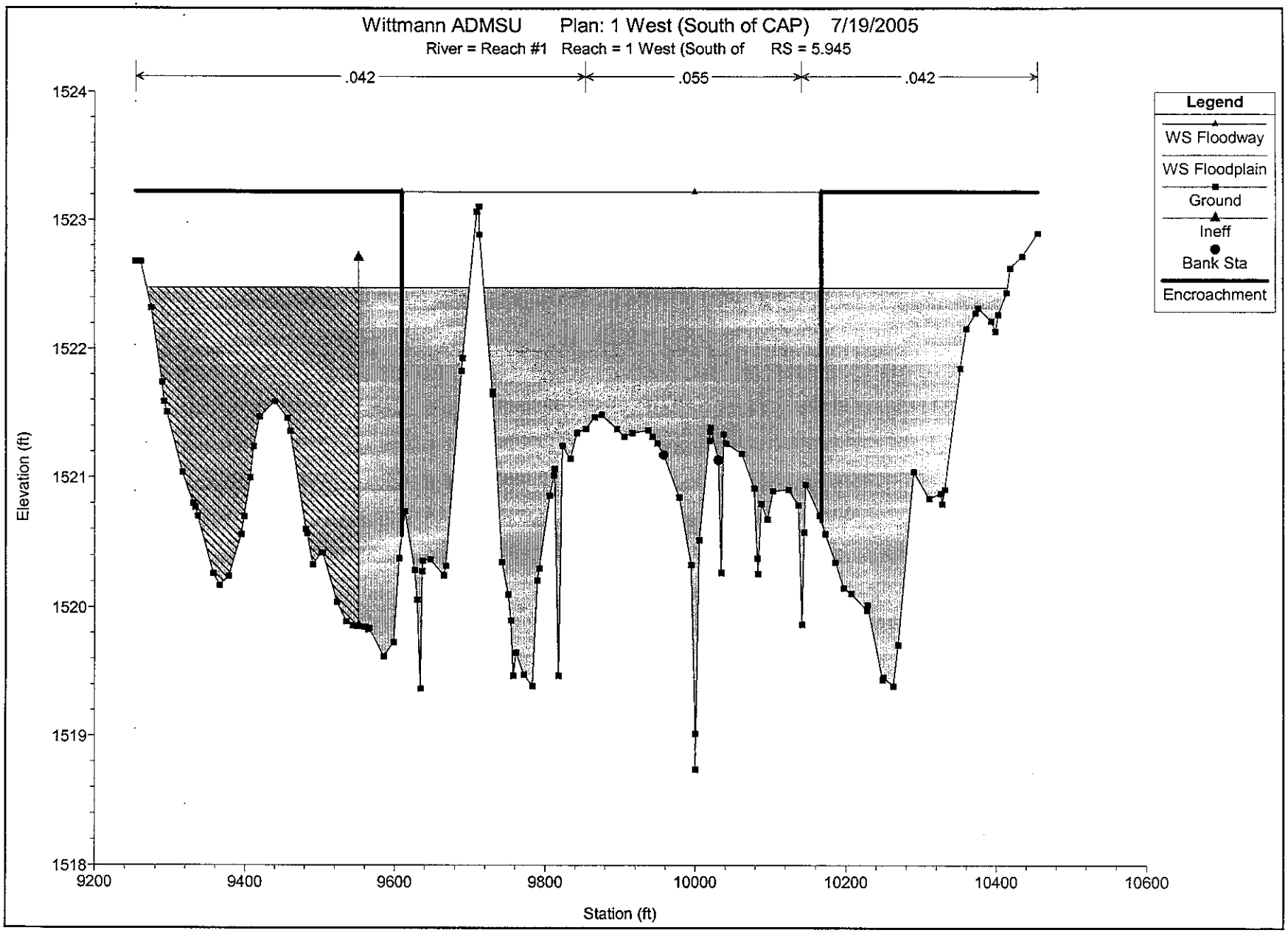

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 6.32
.038
.042
.038
.06
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1542
1541
1540
1539
1538
1537
1536
1535
9200
9400
9600
9800
10000
10200
10400
Station (ft)

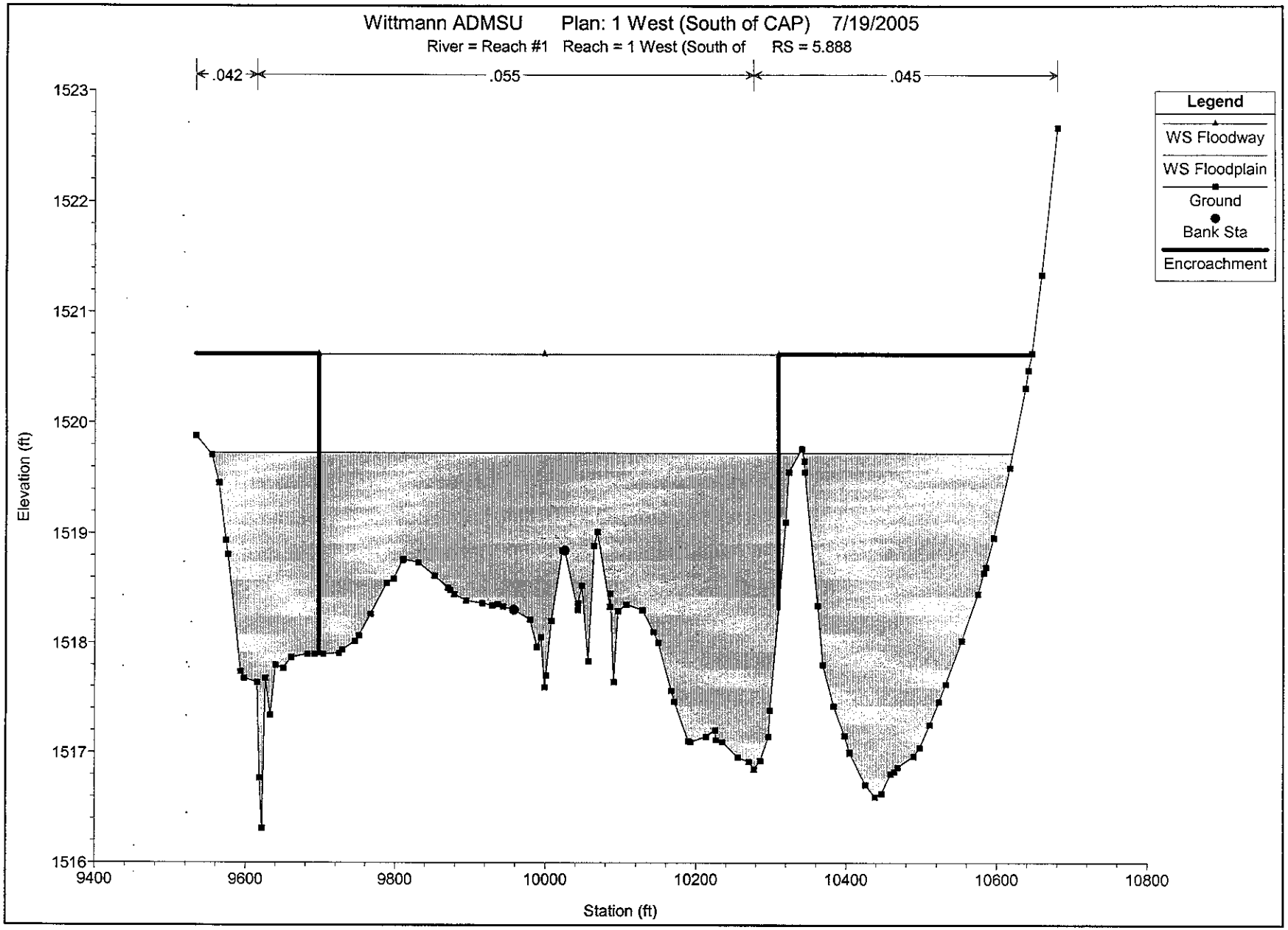

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 6.23
.042
.06
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1539
1538
1537
1536
1535
1534
1533
1532
1531
9600
9800
10000
10200
10400
10600
10800
Station (ft)

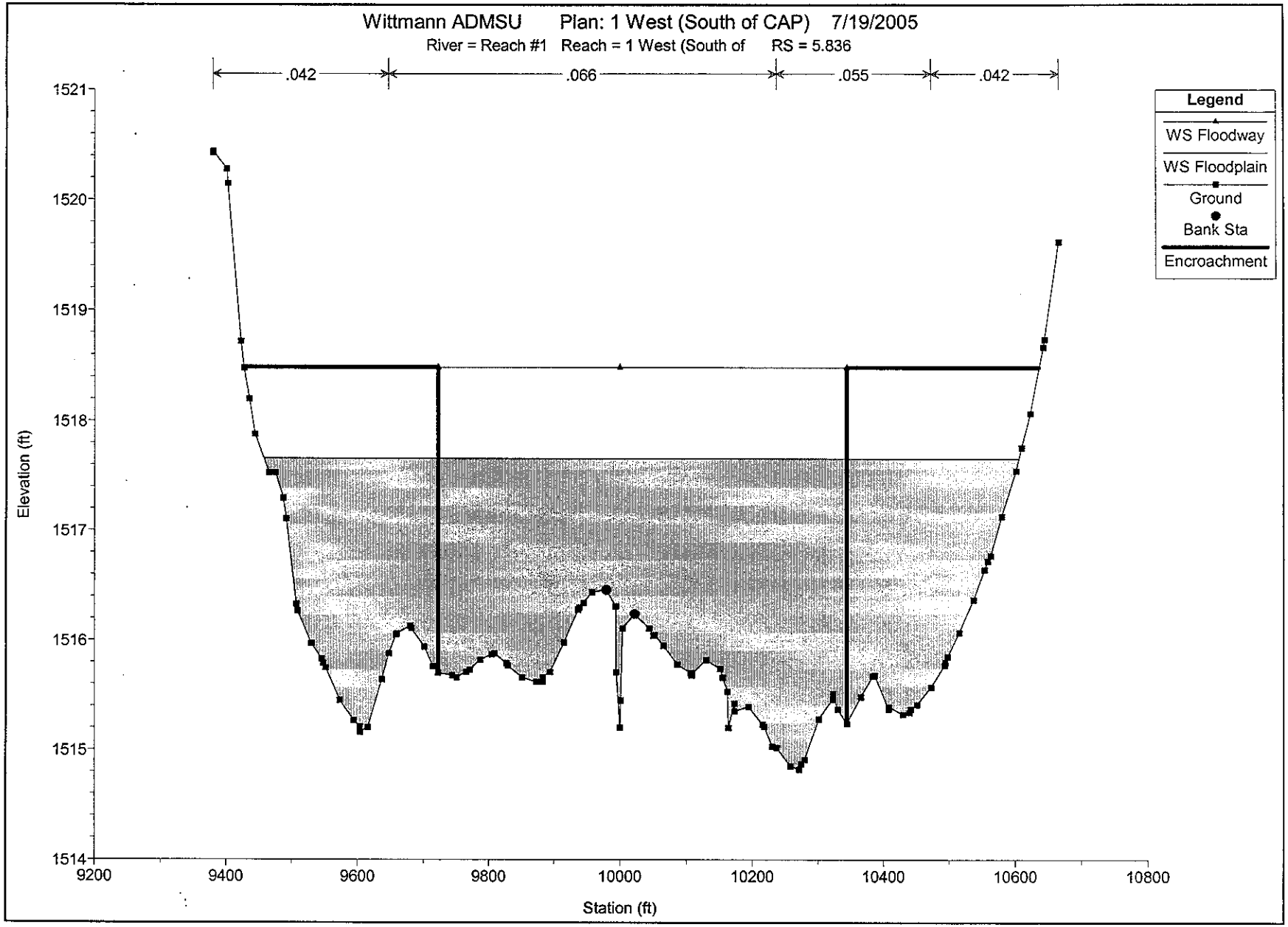

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 6.173
.038
.06
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1536
1535
1534
1533
1532
1531
1530
1529
9800
10000
10200
10400
10600
10800
Station (ft)

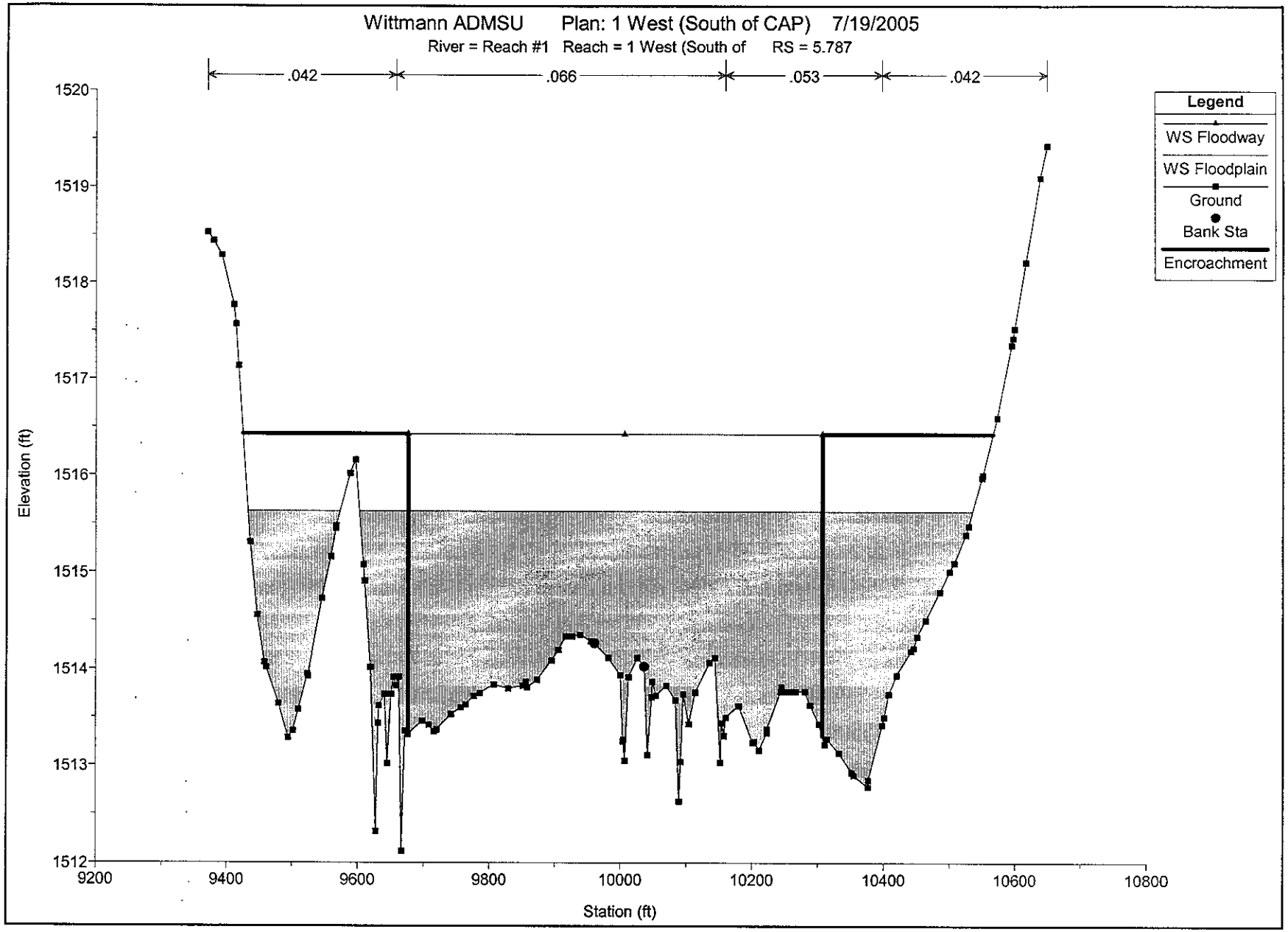

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 6.083
.038
.055
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1533
1532
1531
1530
1529
1528
1527
1526
1525
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

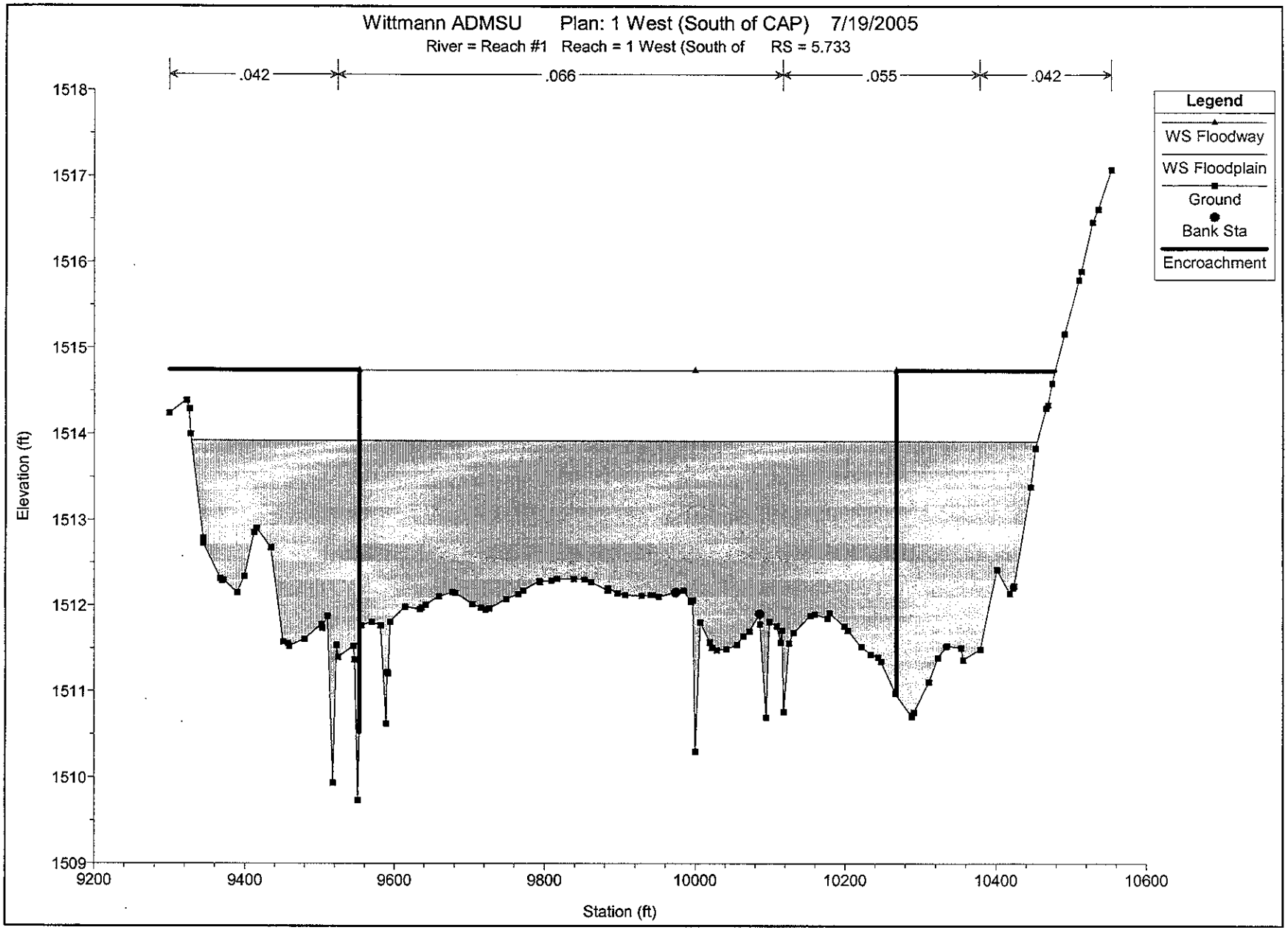

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.994
.038
.055
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1527
1526
1525
1524
1523
1522
1521
1520
9400
9600
9800
10000
10200
10400
10600
Station (ft)

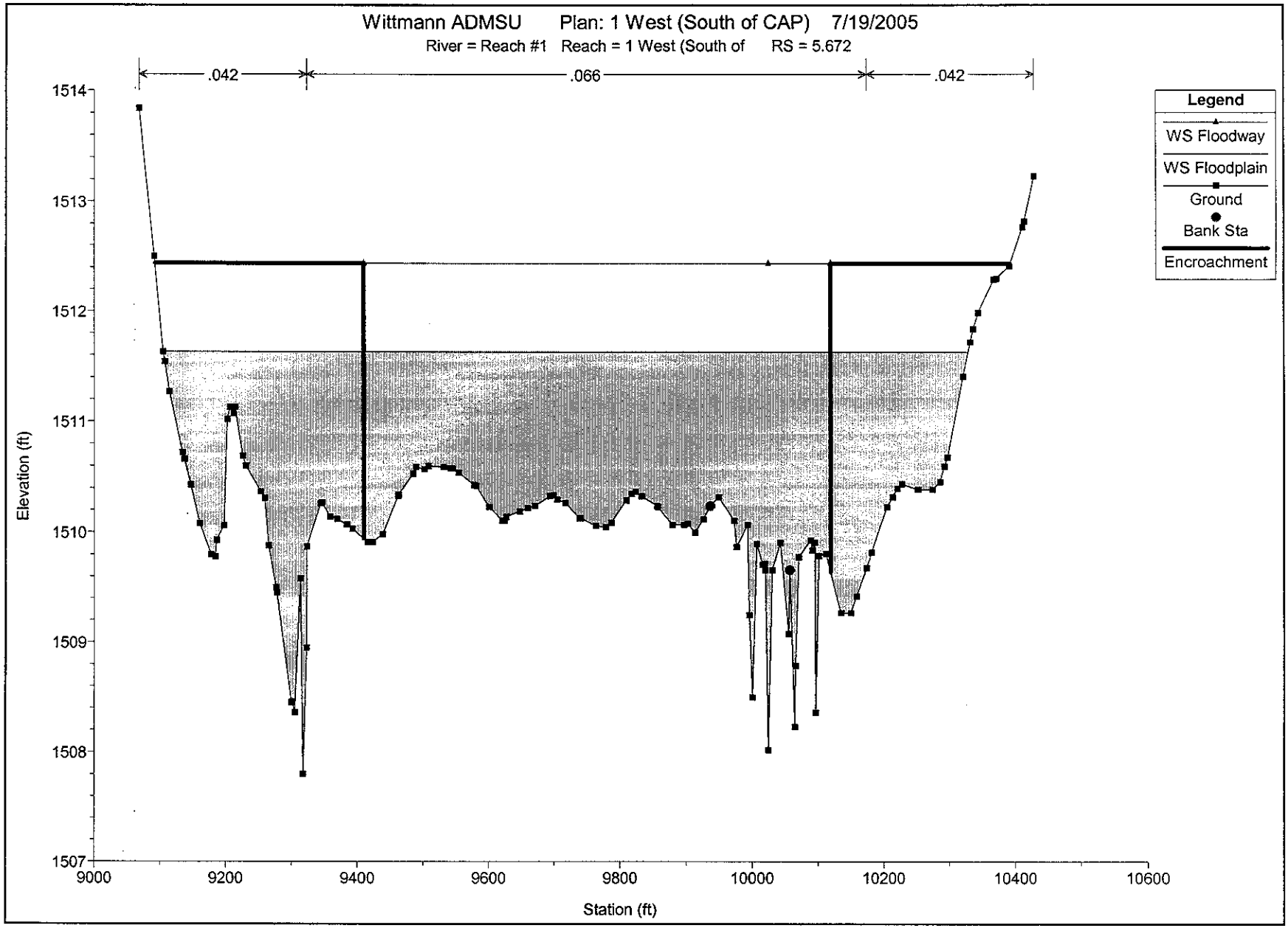

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.945
.042
.055
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1524
1523
1522
1521
1520
1519
1518
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

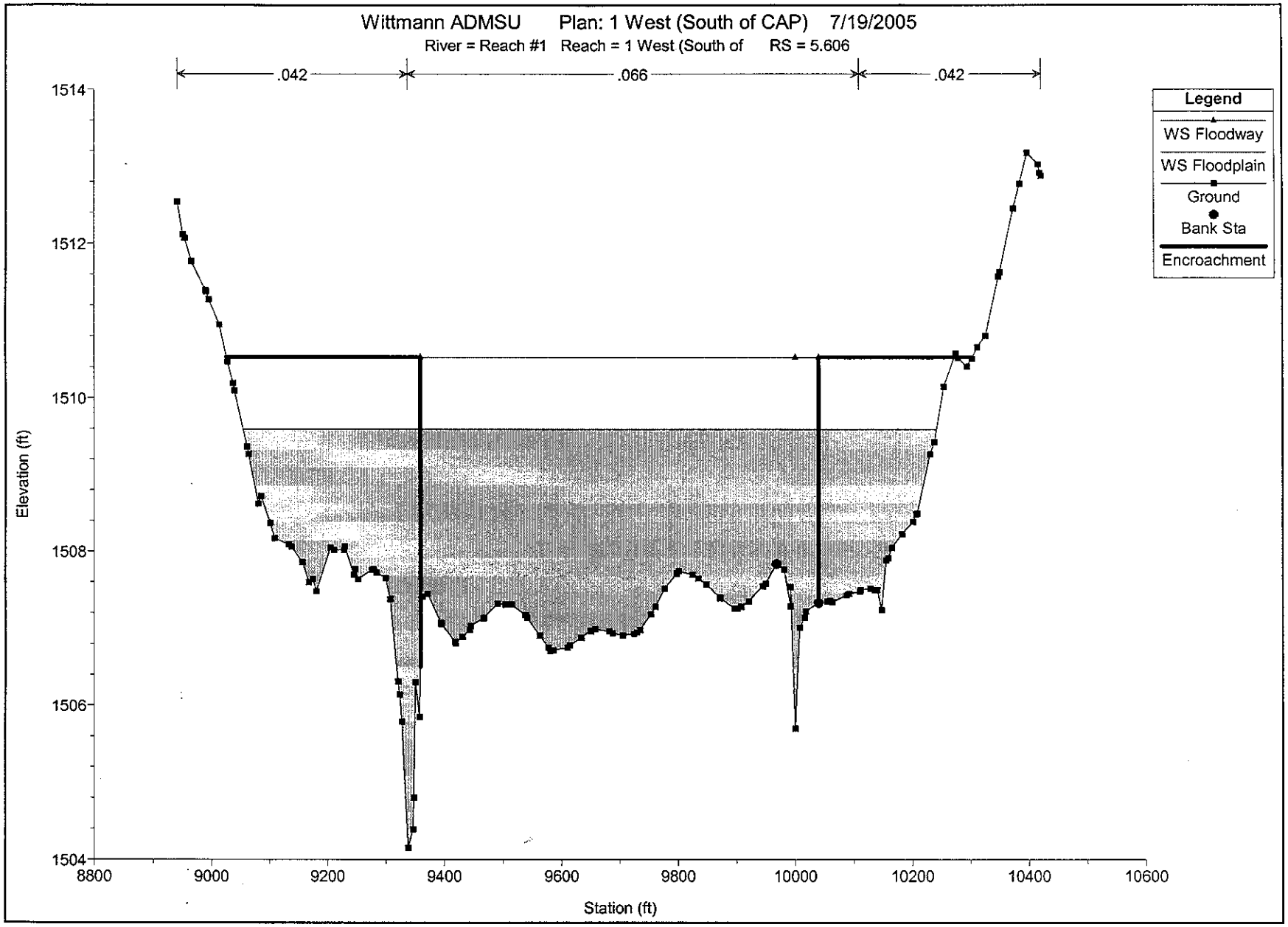

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.888
.042
.055
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1523
1522
1521
1520
1519
1518
1517
1516
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

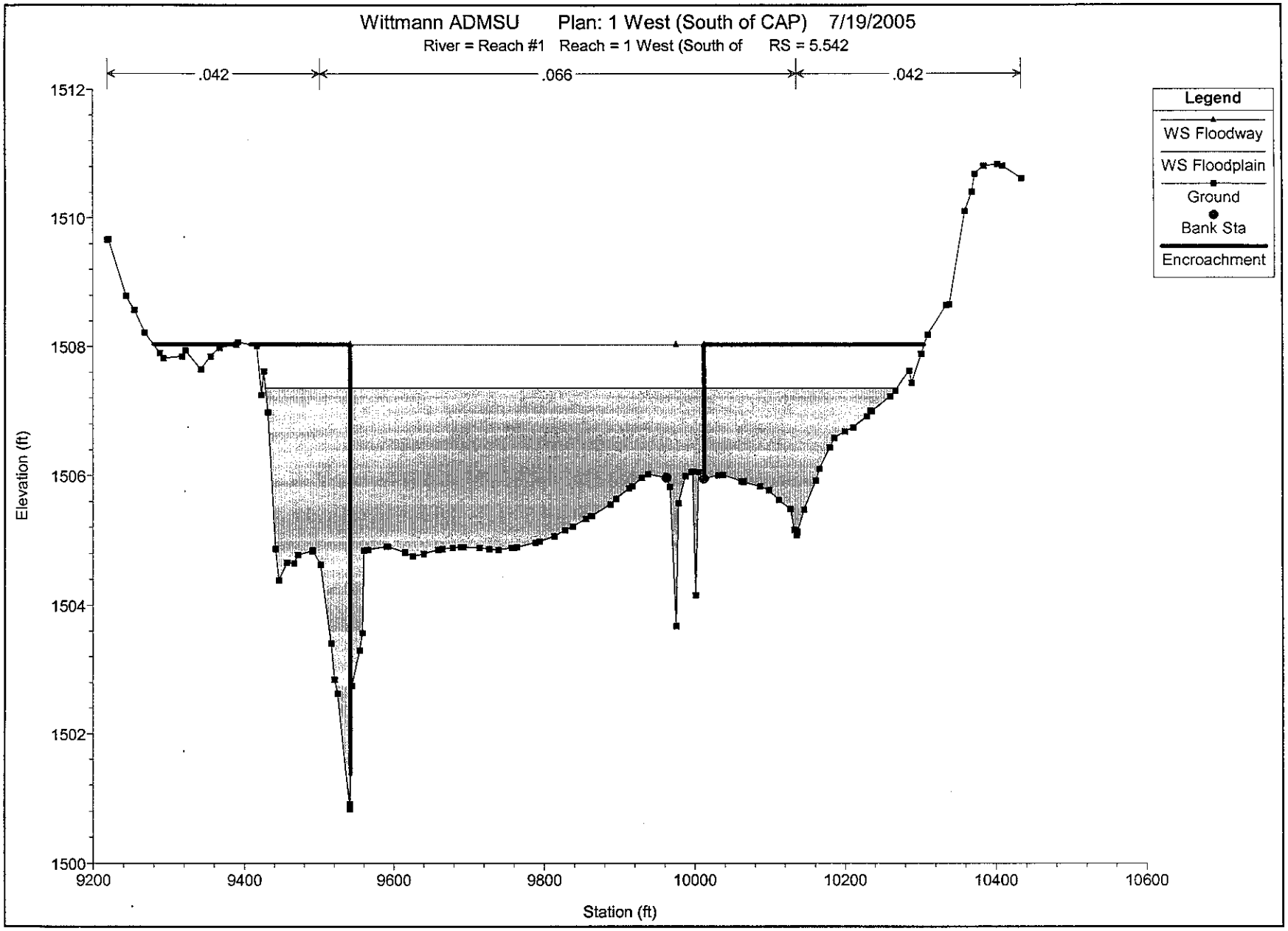

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.836
.042
.066
.055
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1521
1520
1519
1518
1517
1516
1515
1514
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

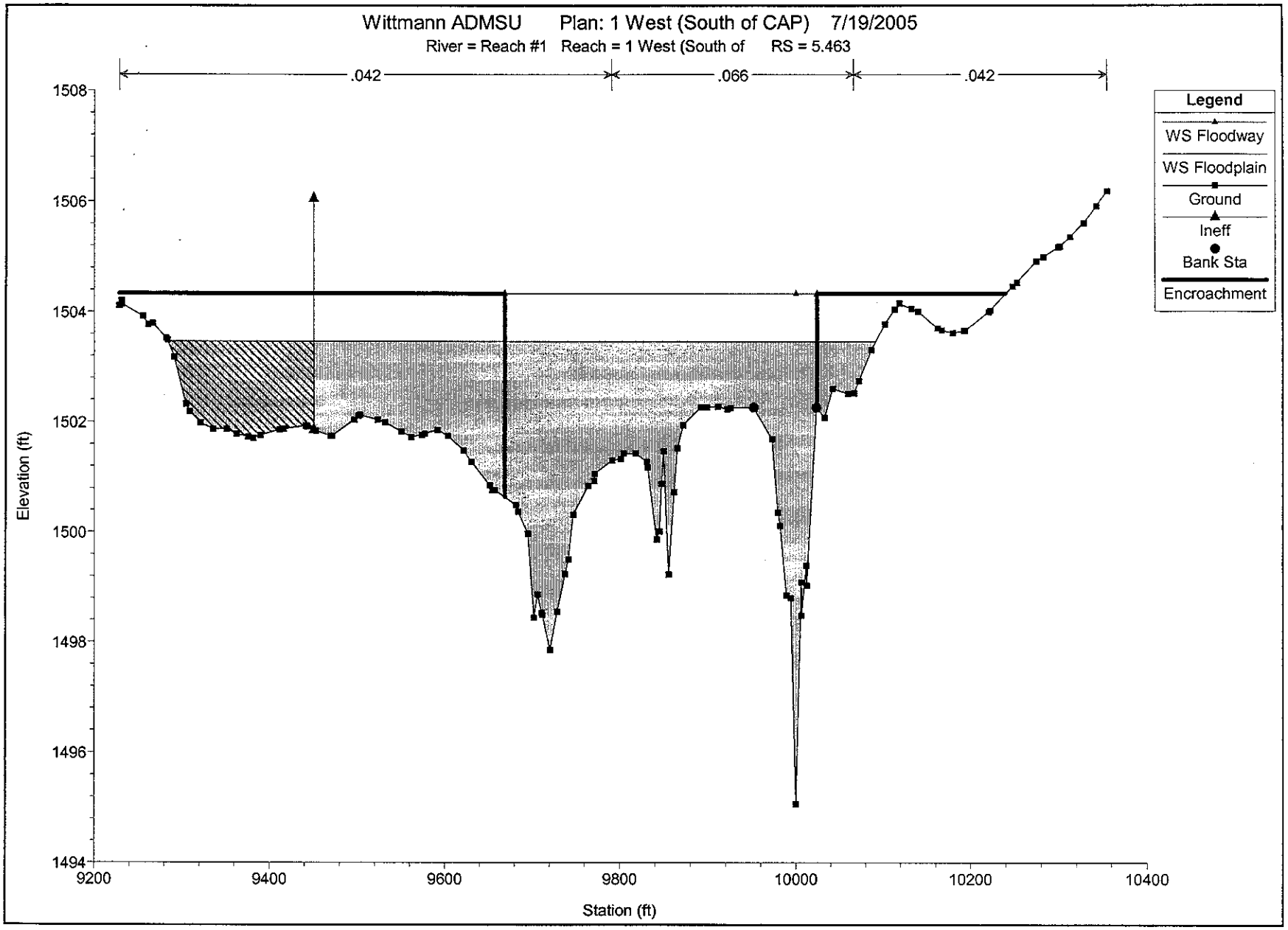

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.787
.042
.066
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1520
1519
1518
1517
1516
1515
1514
1513
1512
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

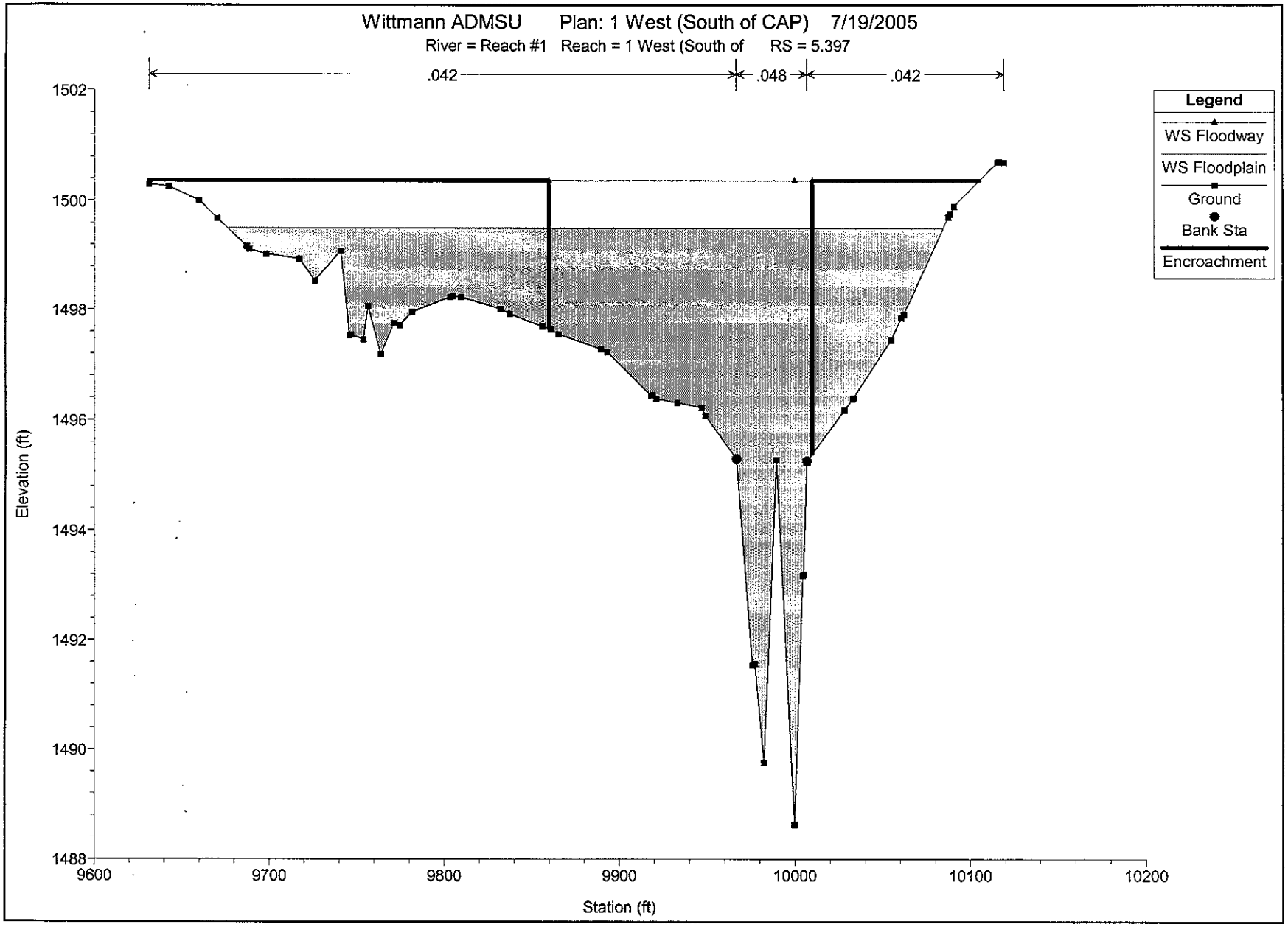

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.733
.042
.066
.055
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1518
1517
1516
1515
1514
1513
1512
1511
1510
1509
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

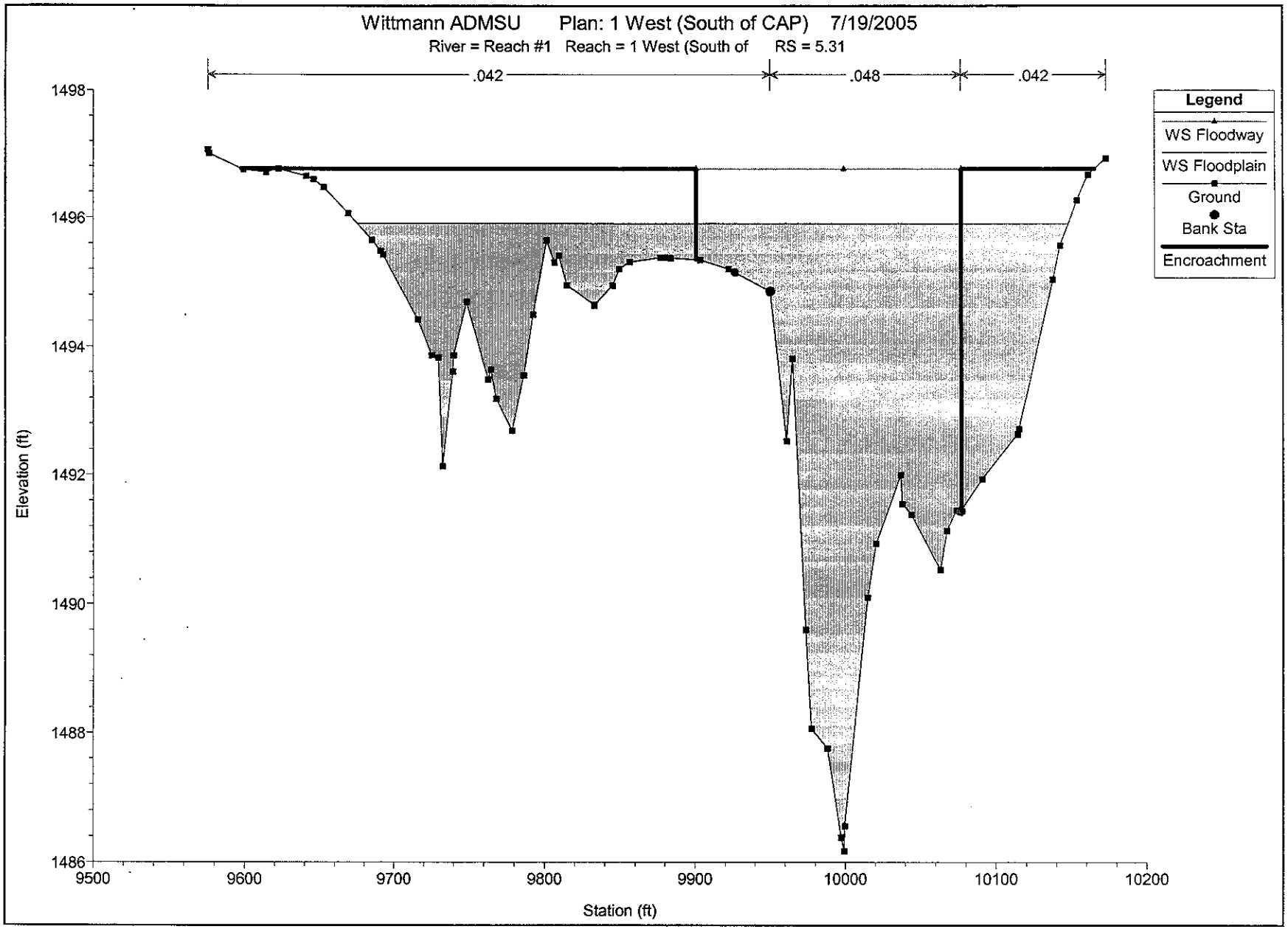

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.672
.042
.066
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1514
1513
1512
1511
1510
1509
1508
1507
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

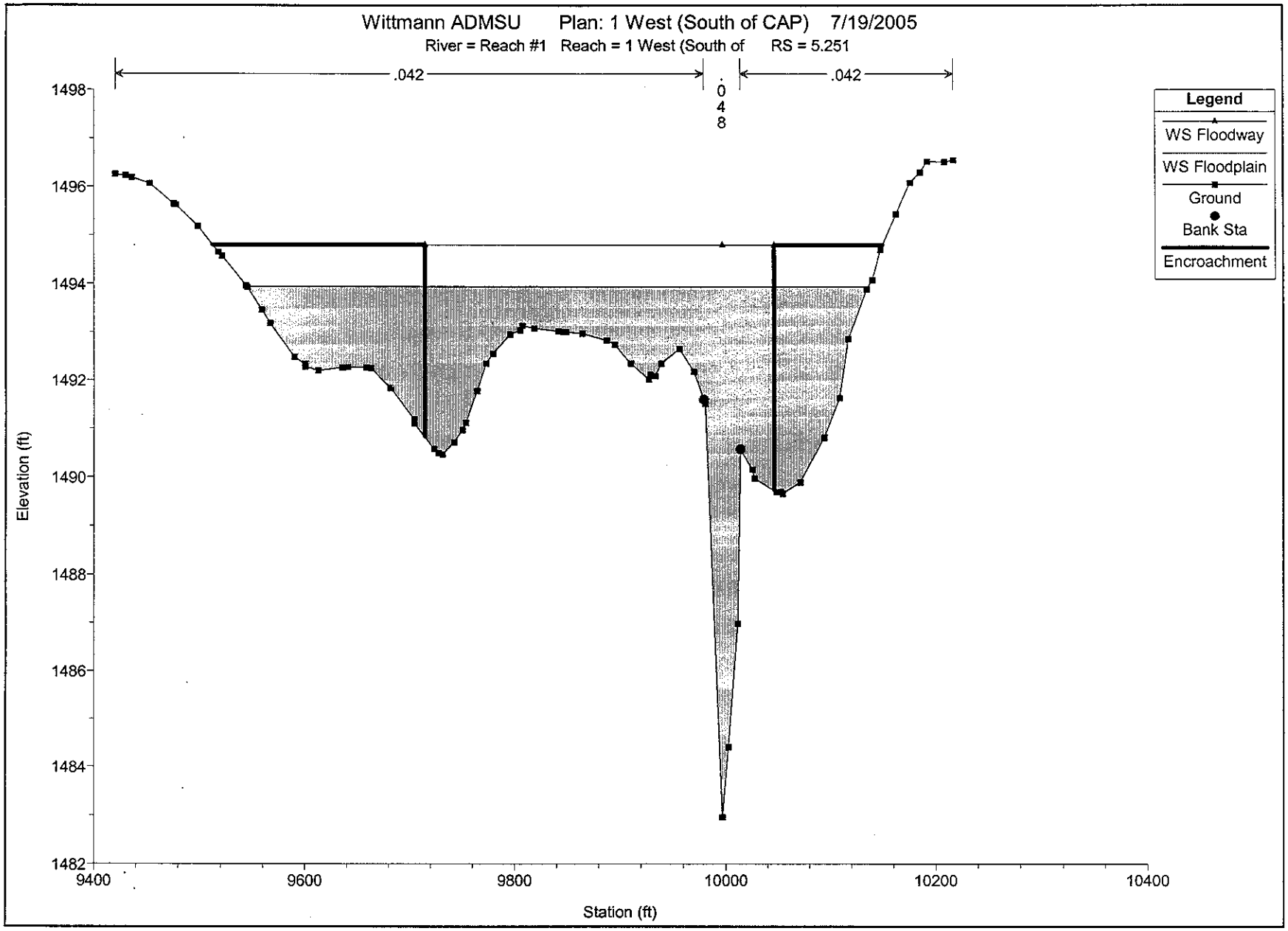

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.606
.042
.066
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1514
1512
1510
1508
1506
1504
8800
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

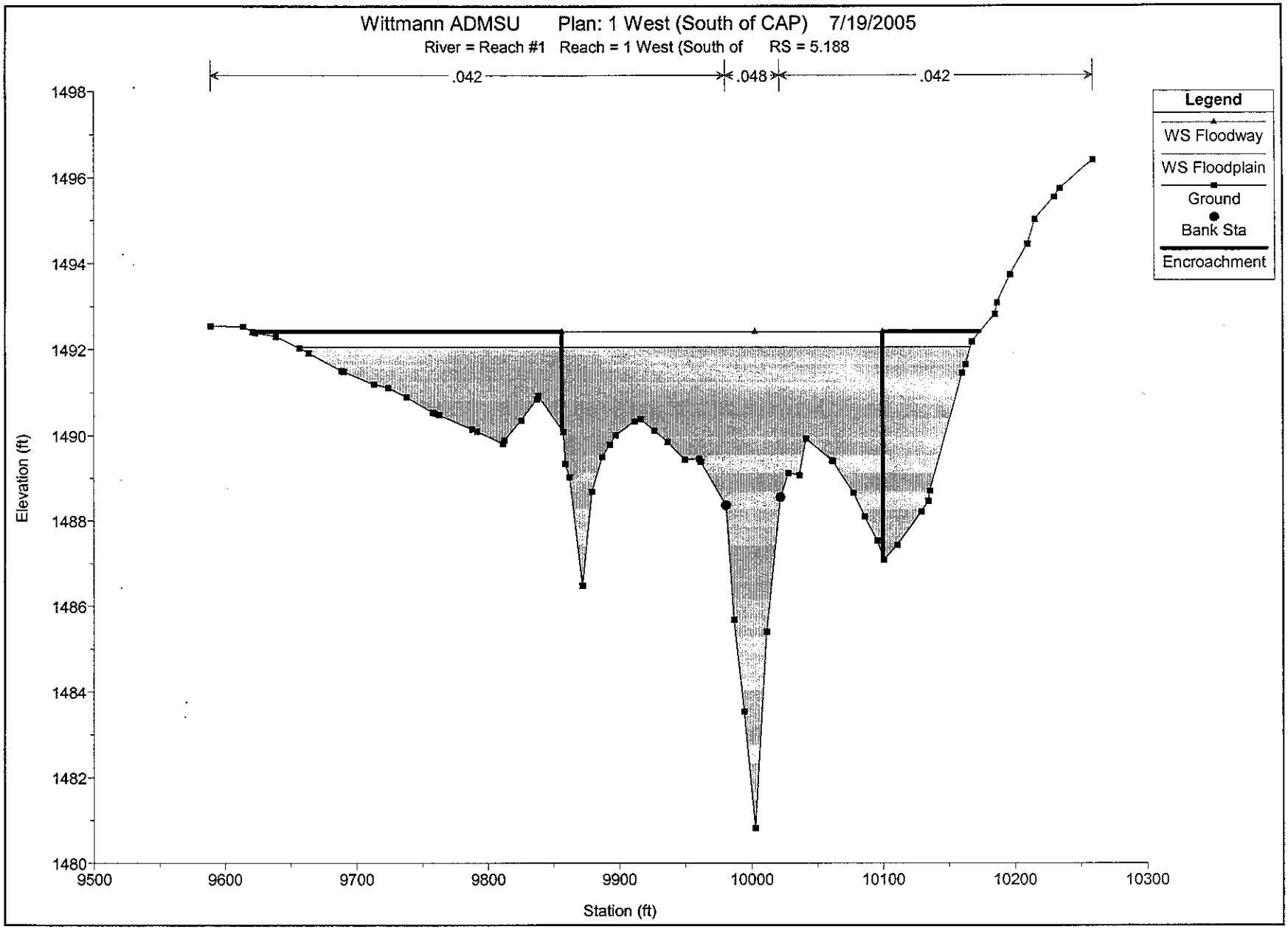

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.542
.042
.066
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1512
1510
1508
1506
1504
1502
1500
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)


Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.463
.042
.066
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1508
1506
1504
1502
1500
1498
1496
1494
9200
9400
9600
9800
10000
10200
10400
Station (ft)


Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.397
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1502
1500
1498
1496
1494
1492
1490
1488
9600
9700
9800
9900
10000
10100
10200
Station (ft)


Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.31
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1496
1494
1492
1490
1488
1486
9500
9600
9700
9800
9900
10000
10100
10200
Station (ft)


Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.251
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1496
1494
1492
1490
1488
1486
1484
1482
9400
9600
9800
10000
10200
10400
Station (ft)


Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.188
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1496
1494
1492
1490
1488
1486
1484
1482
1480
9500
9600
9700
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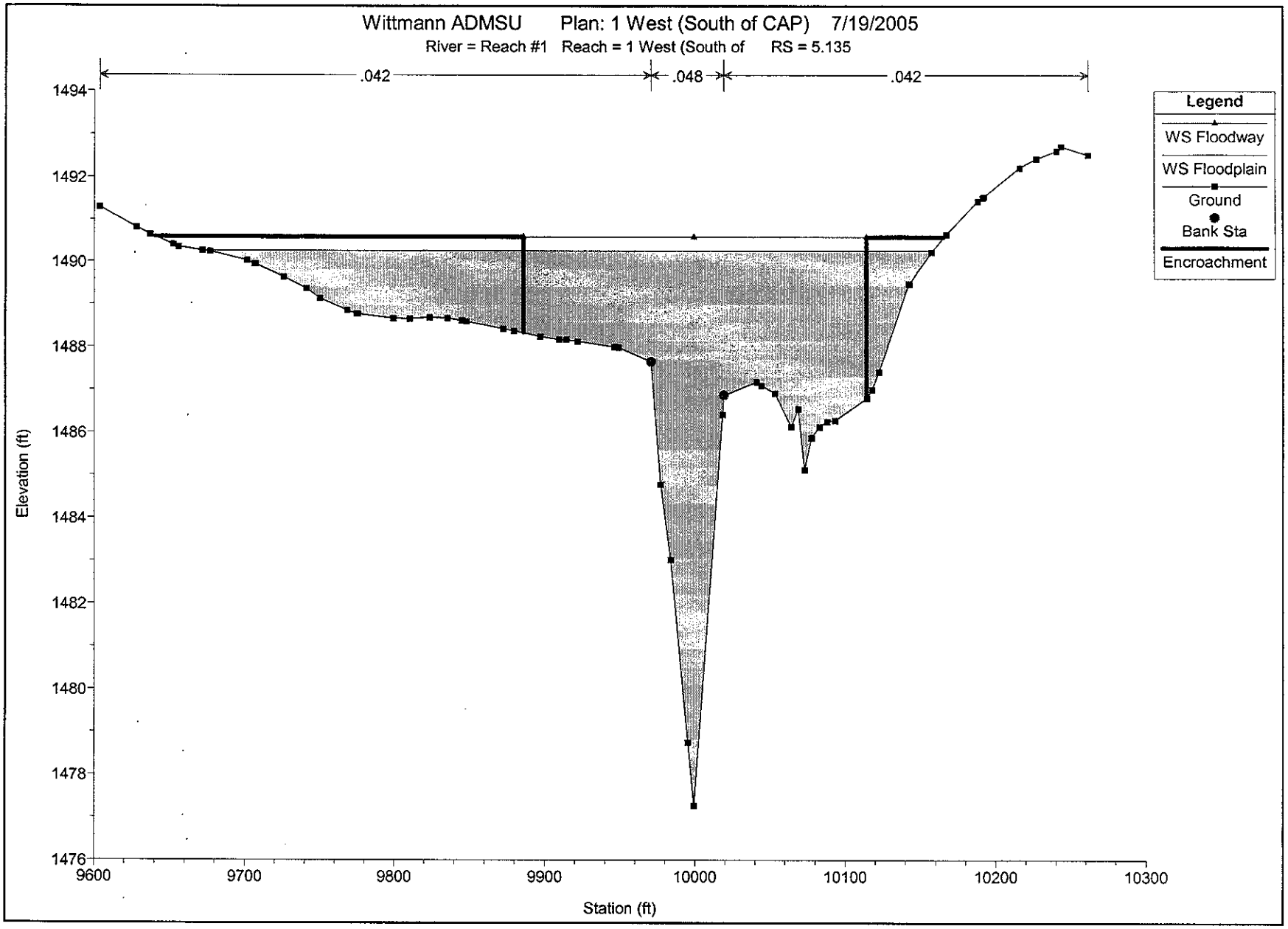
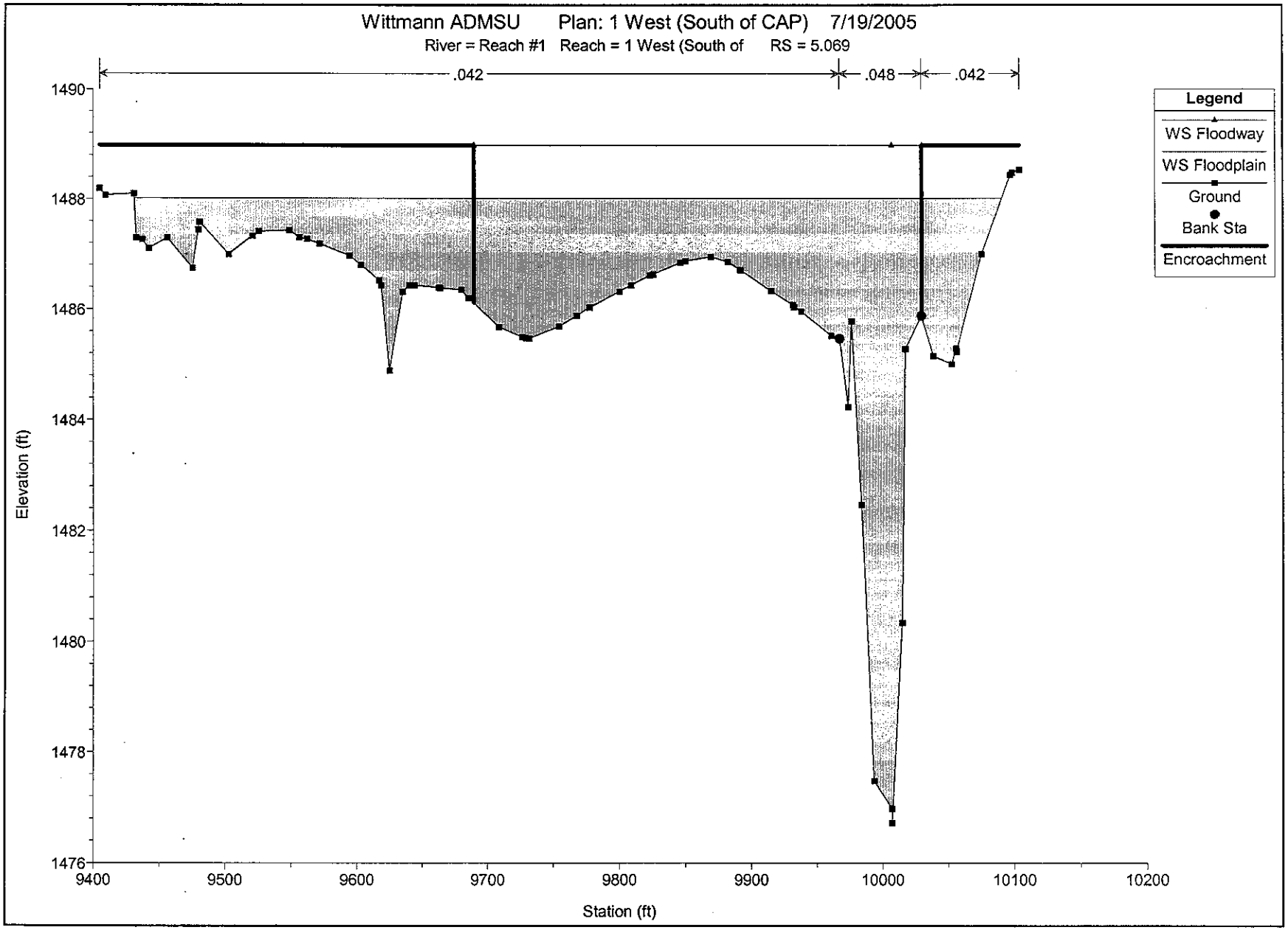
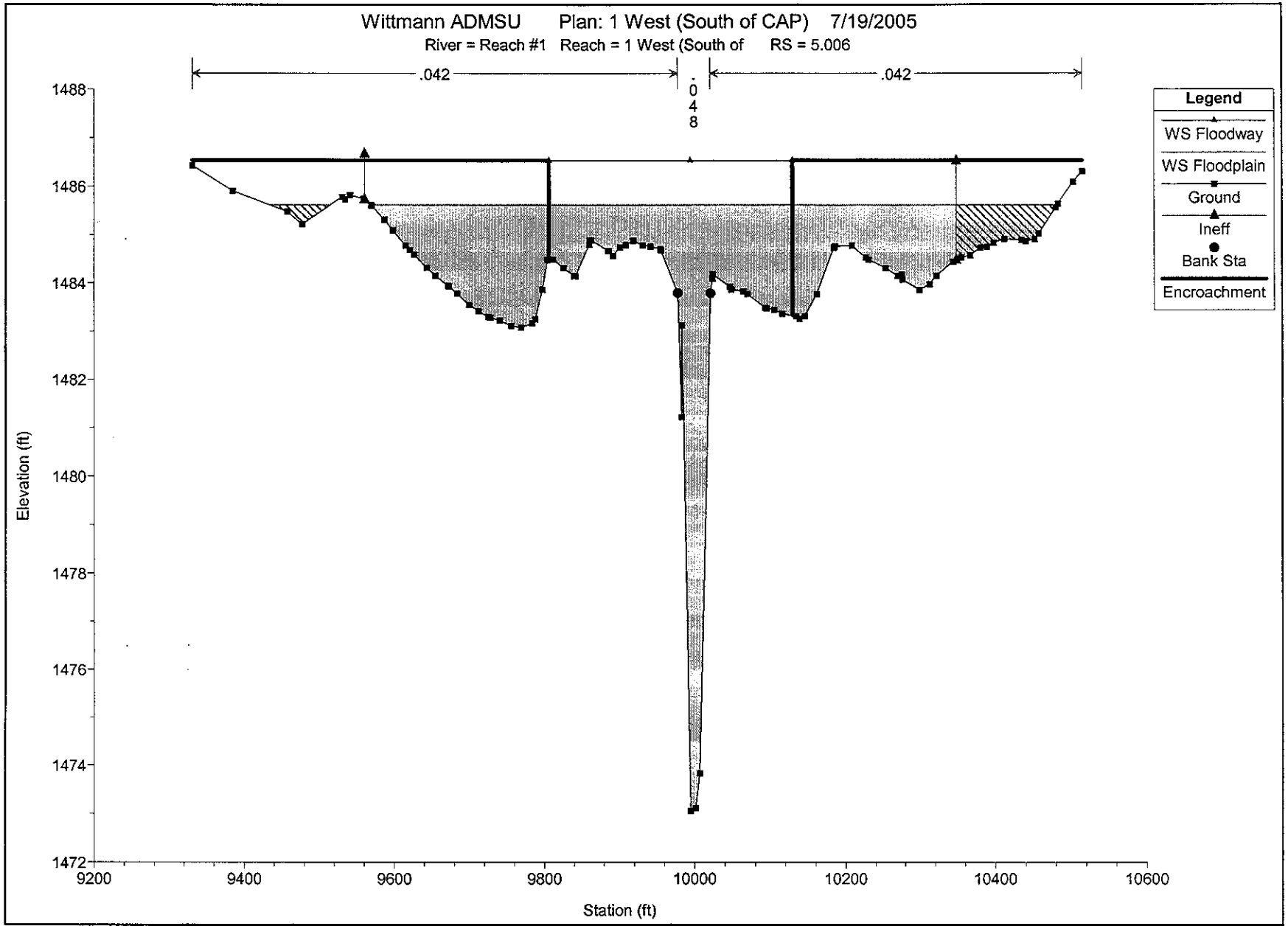
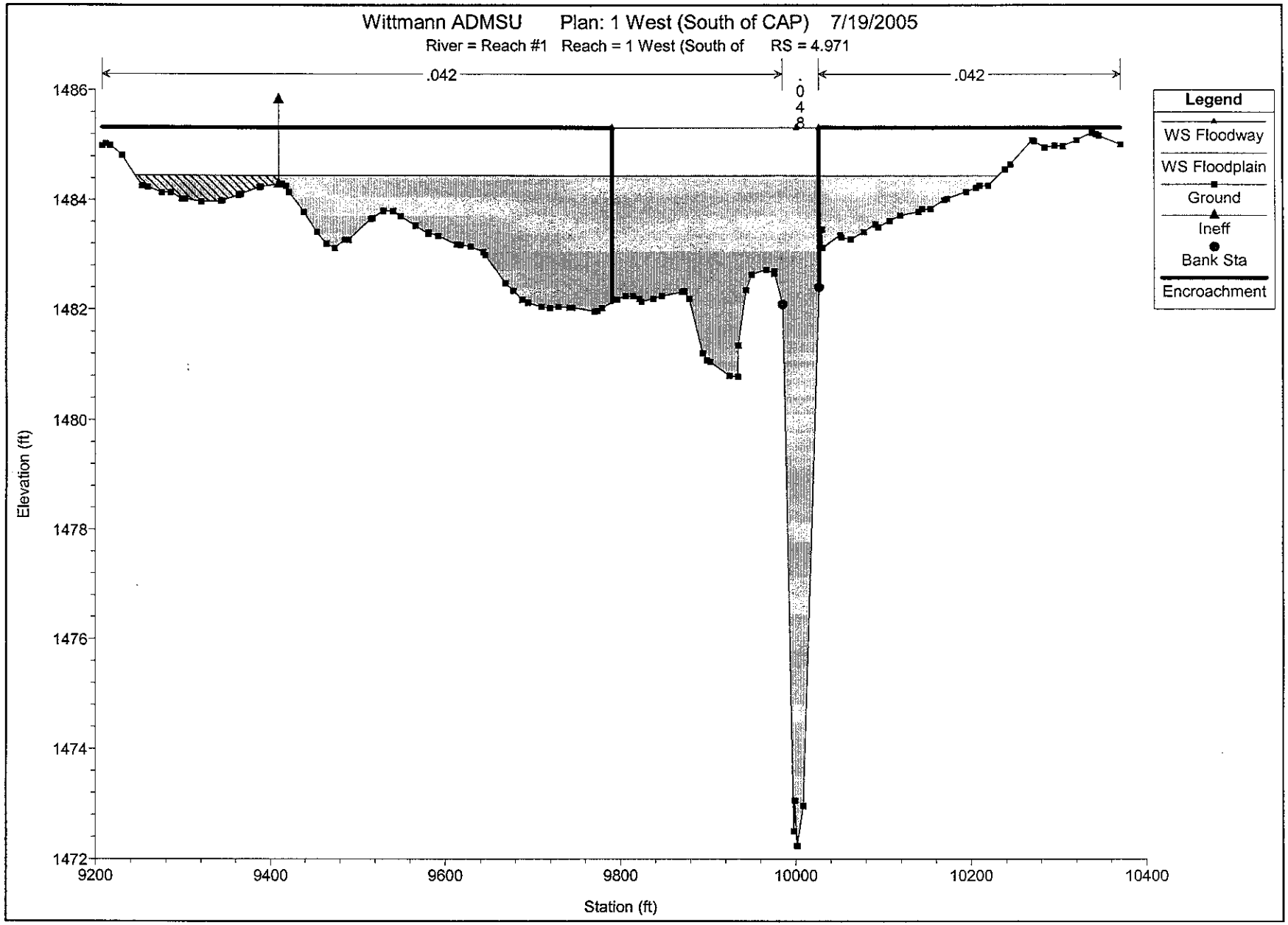
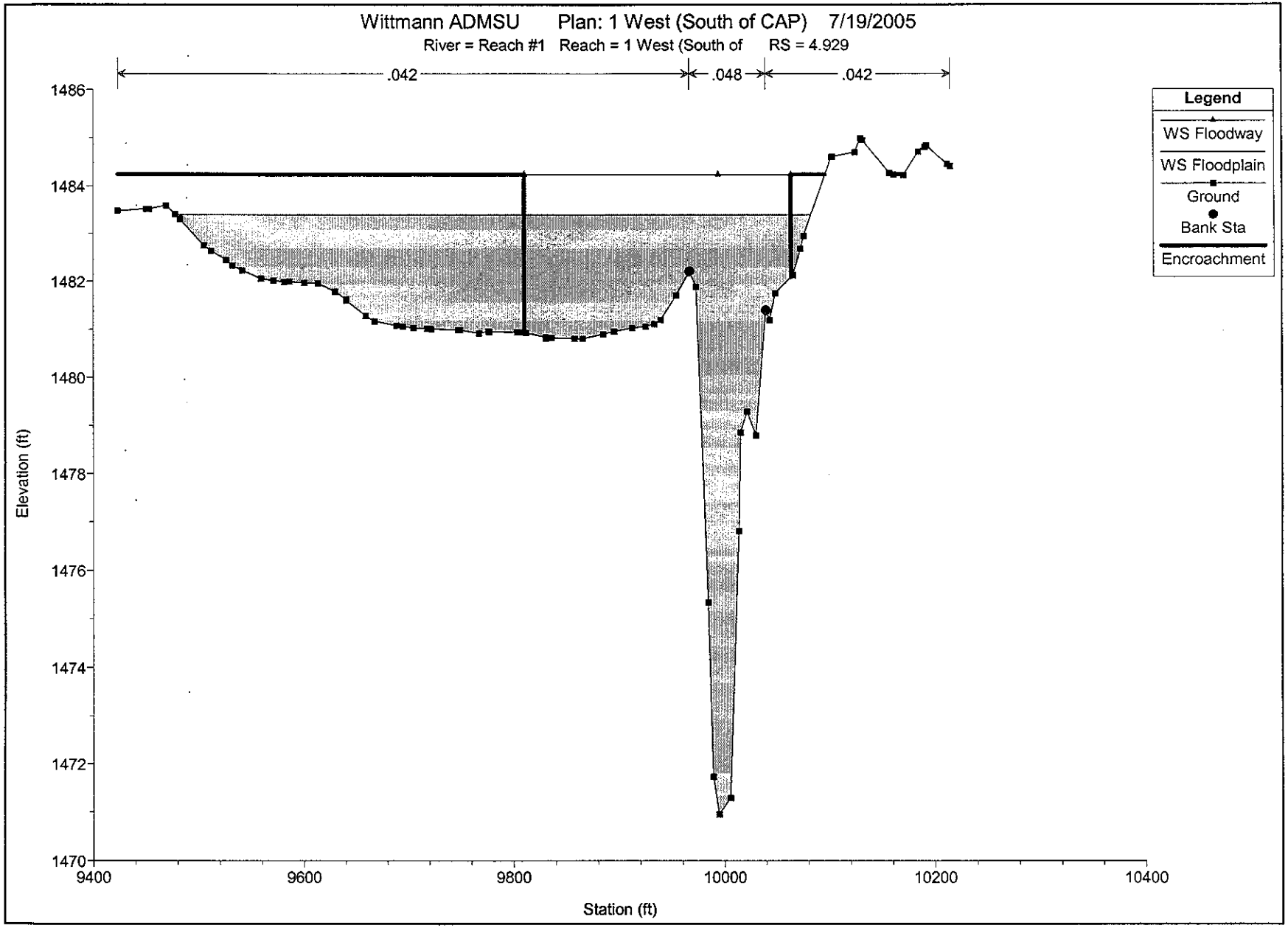
9900
10000
10100
10200
10300
Station (ft)

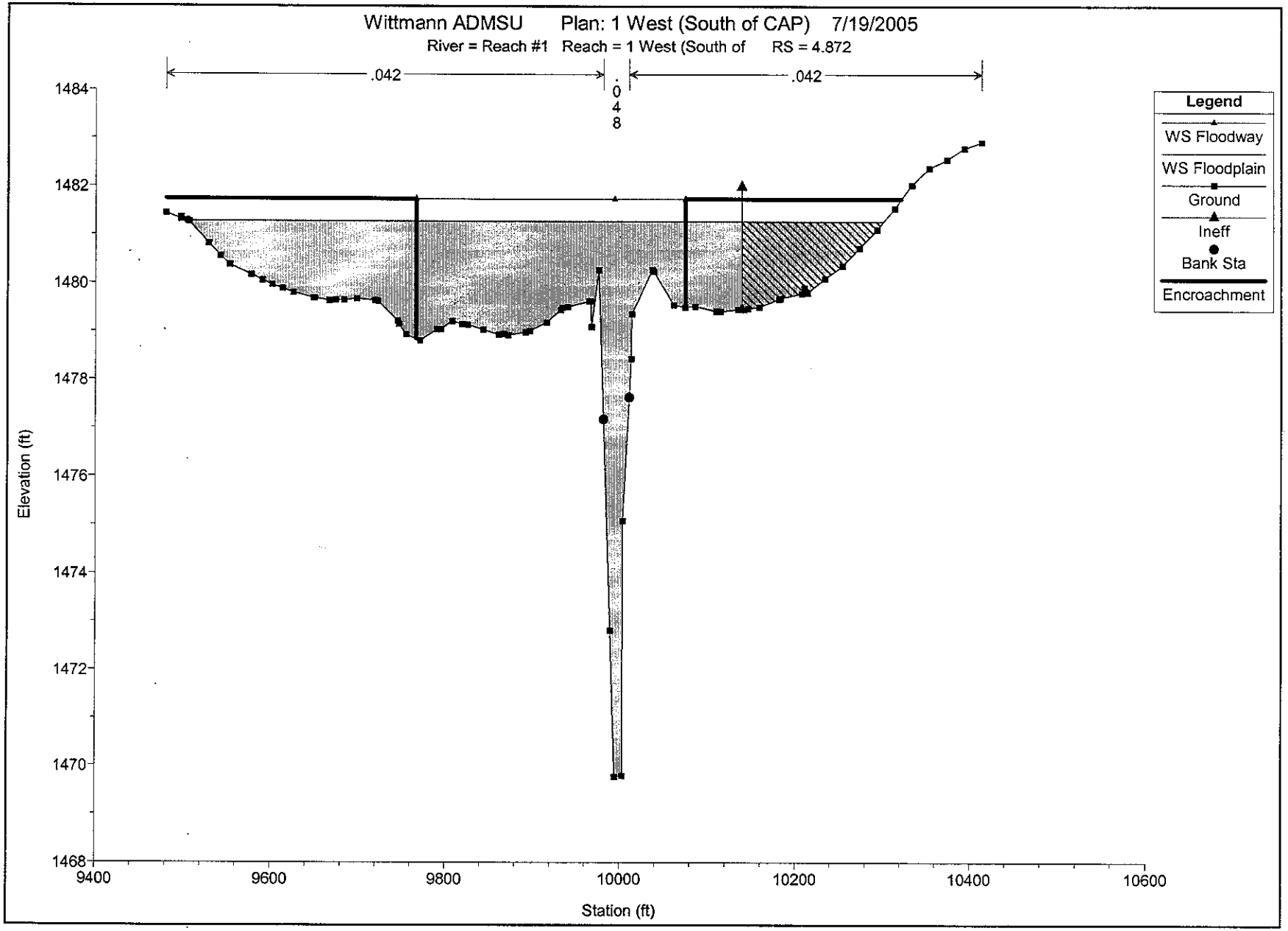

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.135
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1494
1492
1490
1488
1486
1484
1482
1480
1478
1476
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

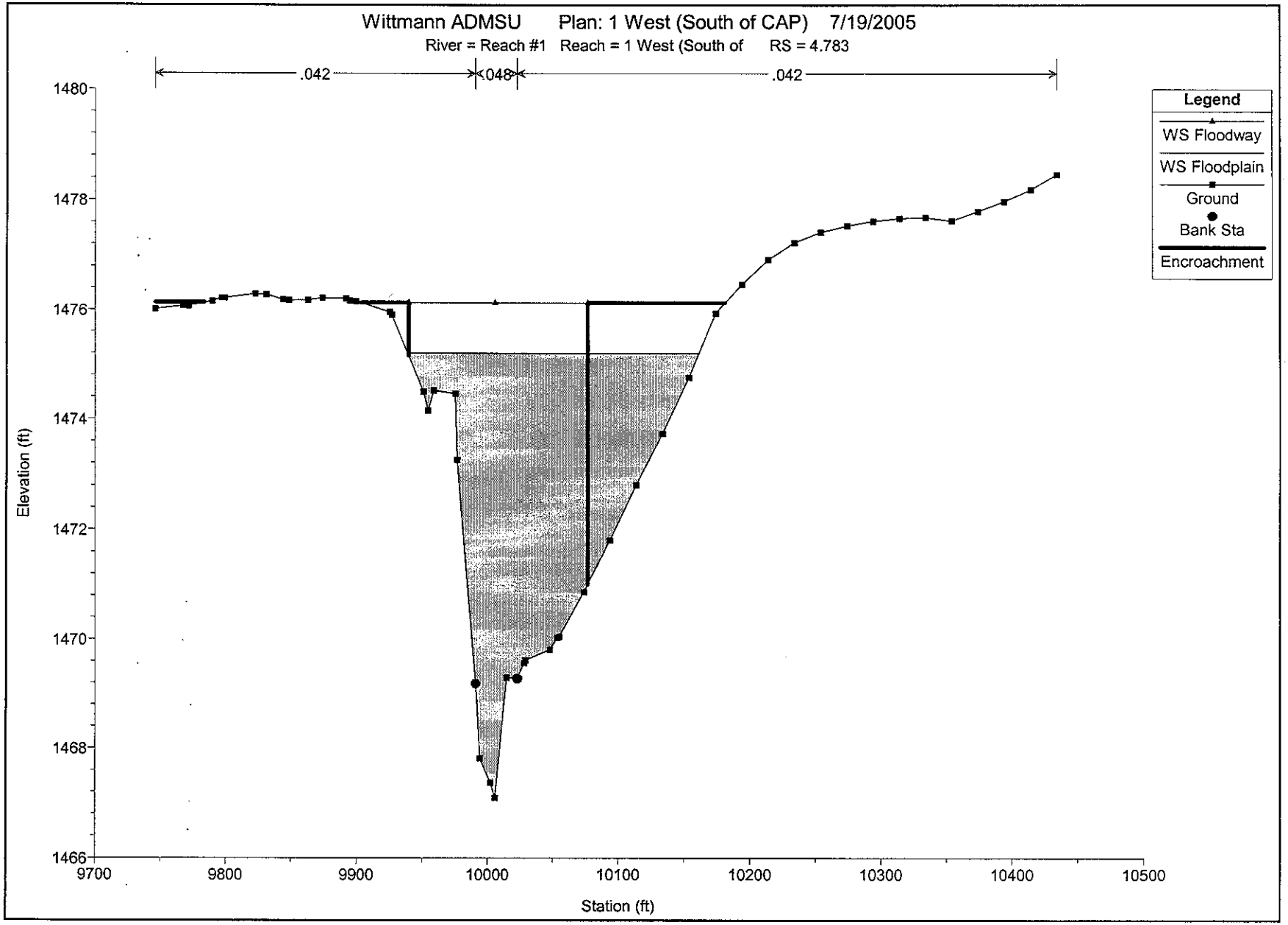

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.069
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1490
1488
1486
1484
1482
1480
1478
1476
9400
9500
9600
9700
9800
9900
10000
10100
10200
Station (ft)

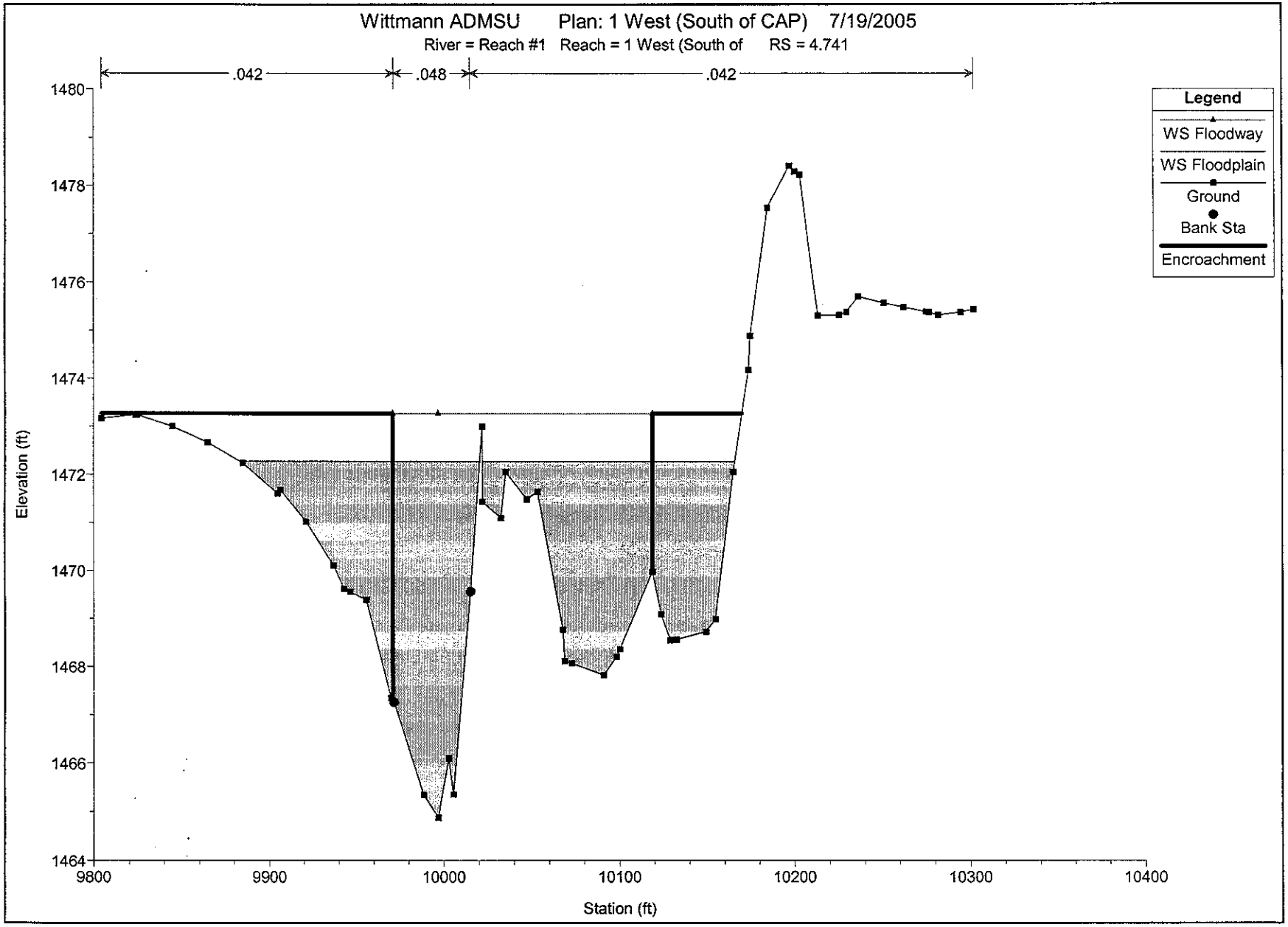

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 5.006
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1488
1486
1484
1482
1480
1478
1476
1474
1472
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

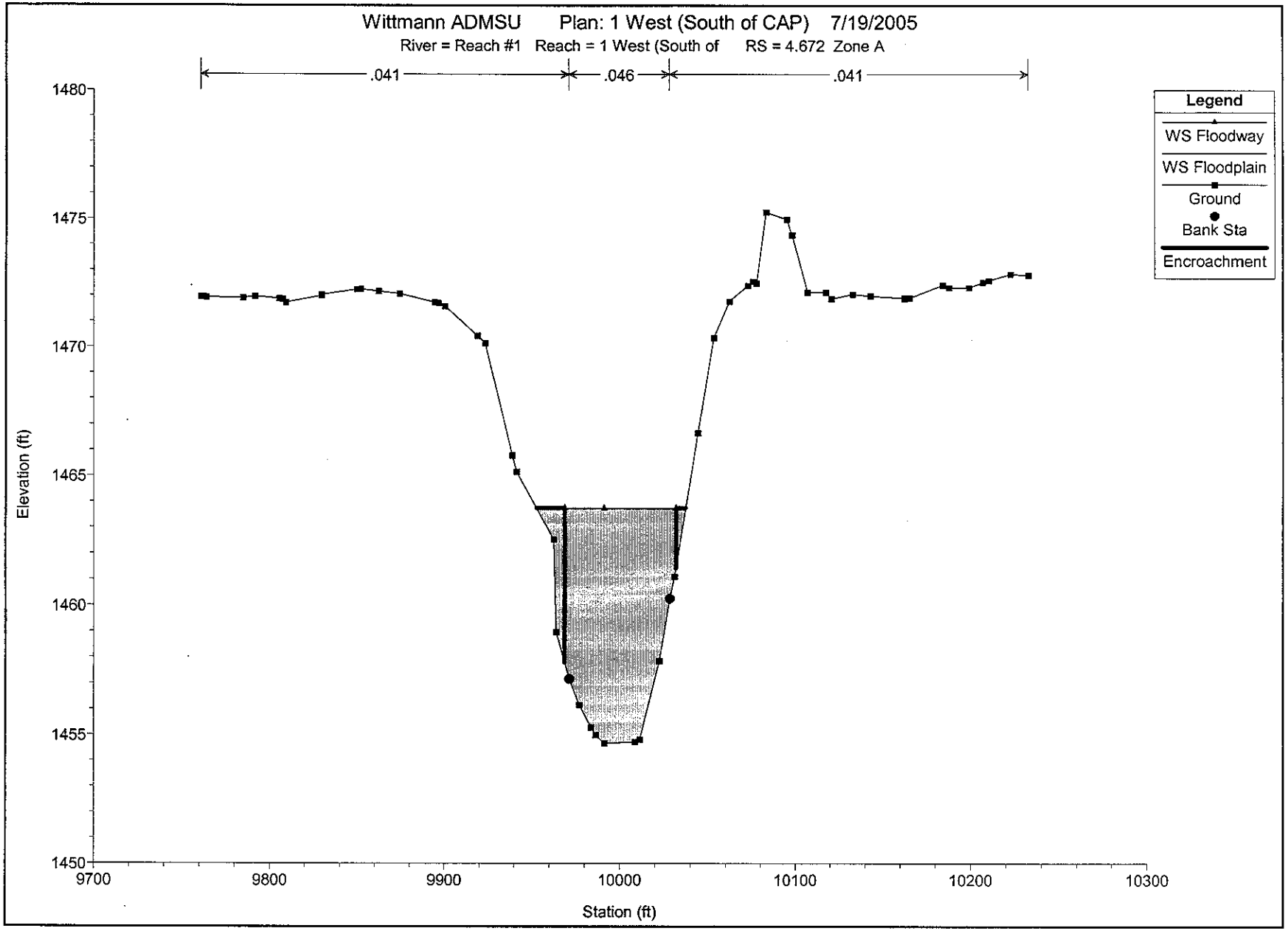

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 4.971
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1486
1484
1482
1480
1478
1476
1474
1472
9200
9400
9600
9800
10000
10200
10400
Station (ft)

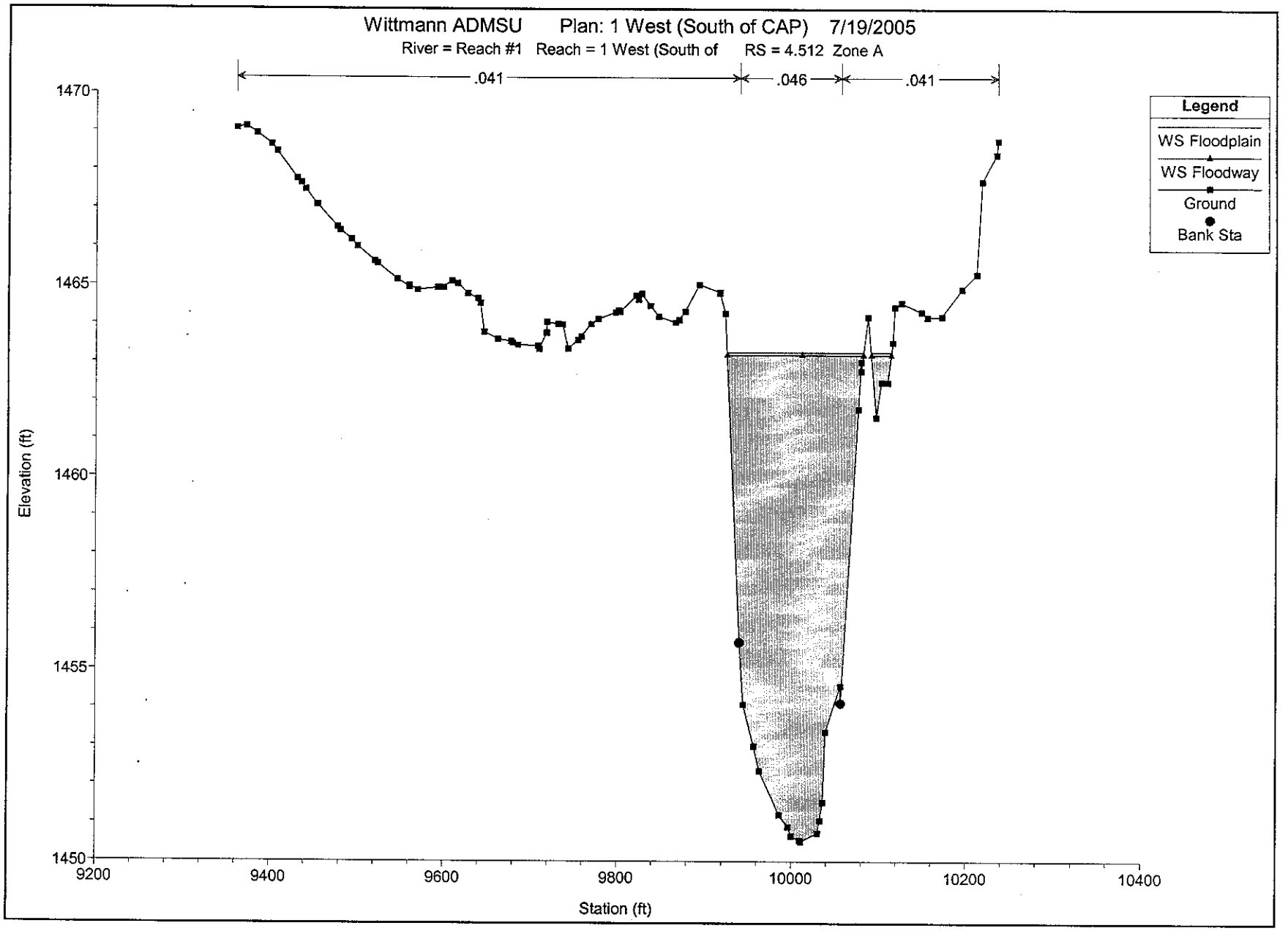

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 4.929
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1486
1484
1482
1480
1478
1476
1474
1472
1470
9400
9600
9800
10000
10200
10400
Station (ft)

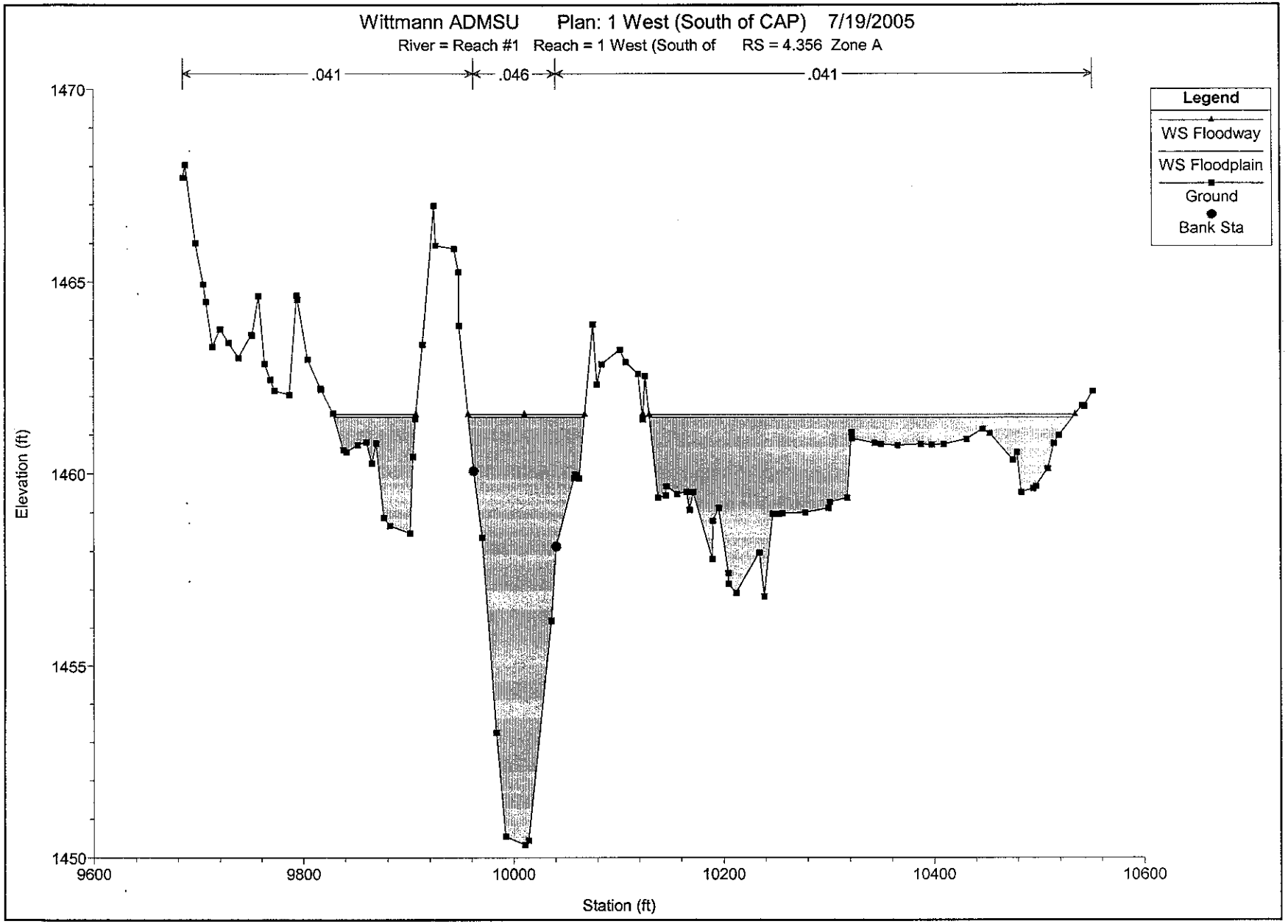

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 4.872
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1484
1482
1480
1478
1476
1474
1472
1470
1468
9400
9600
9800
10000
10200
10400
10600
Station (ft)

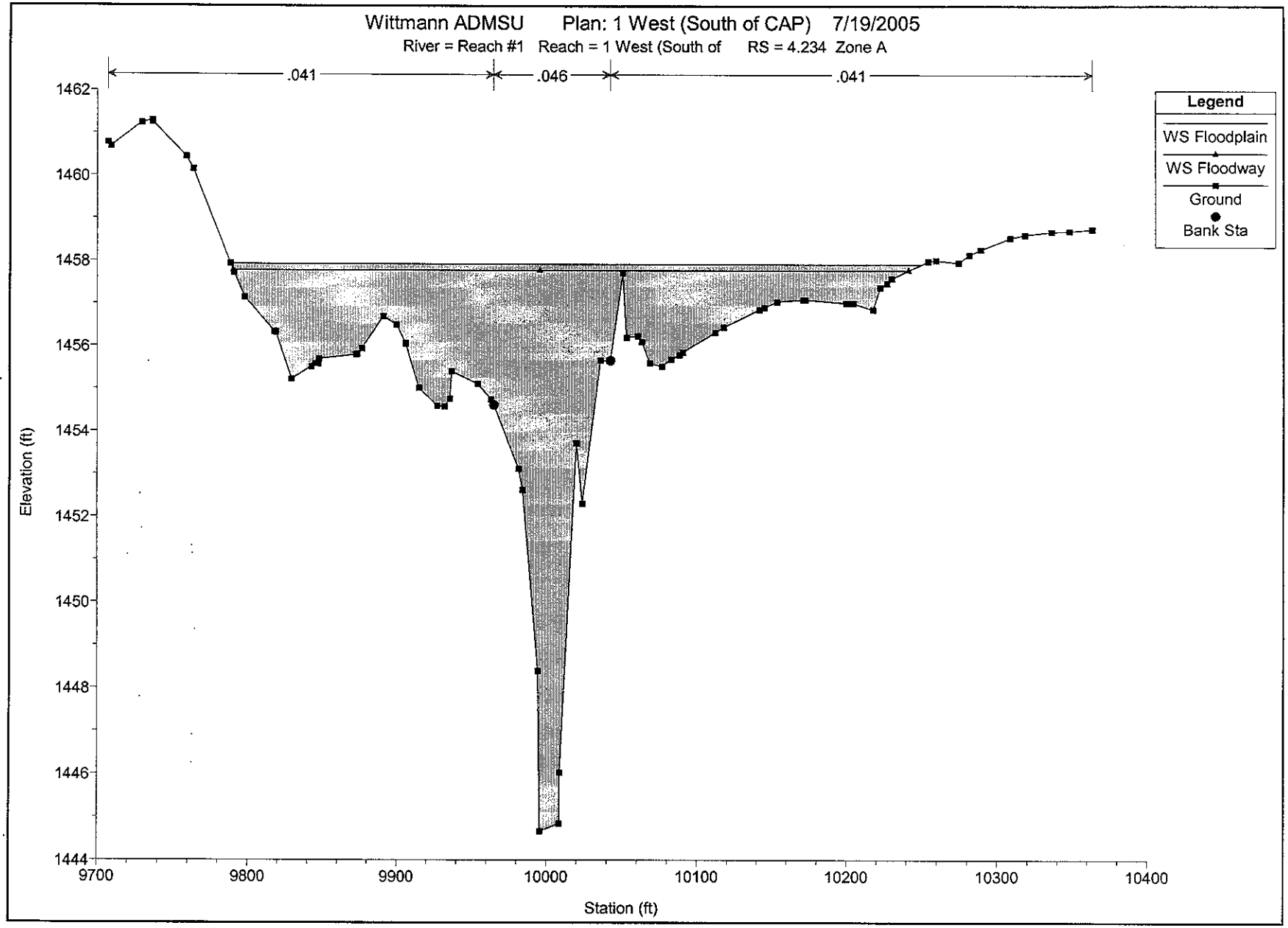

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 4.783
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1480
1478
1476
1474
1472
1470
1468
1466
9700
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

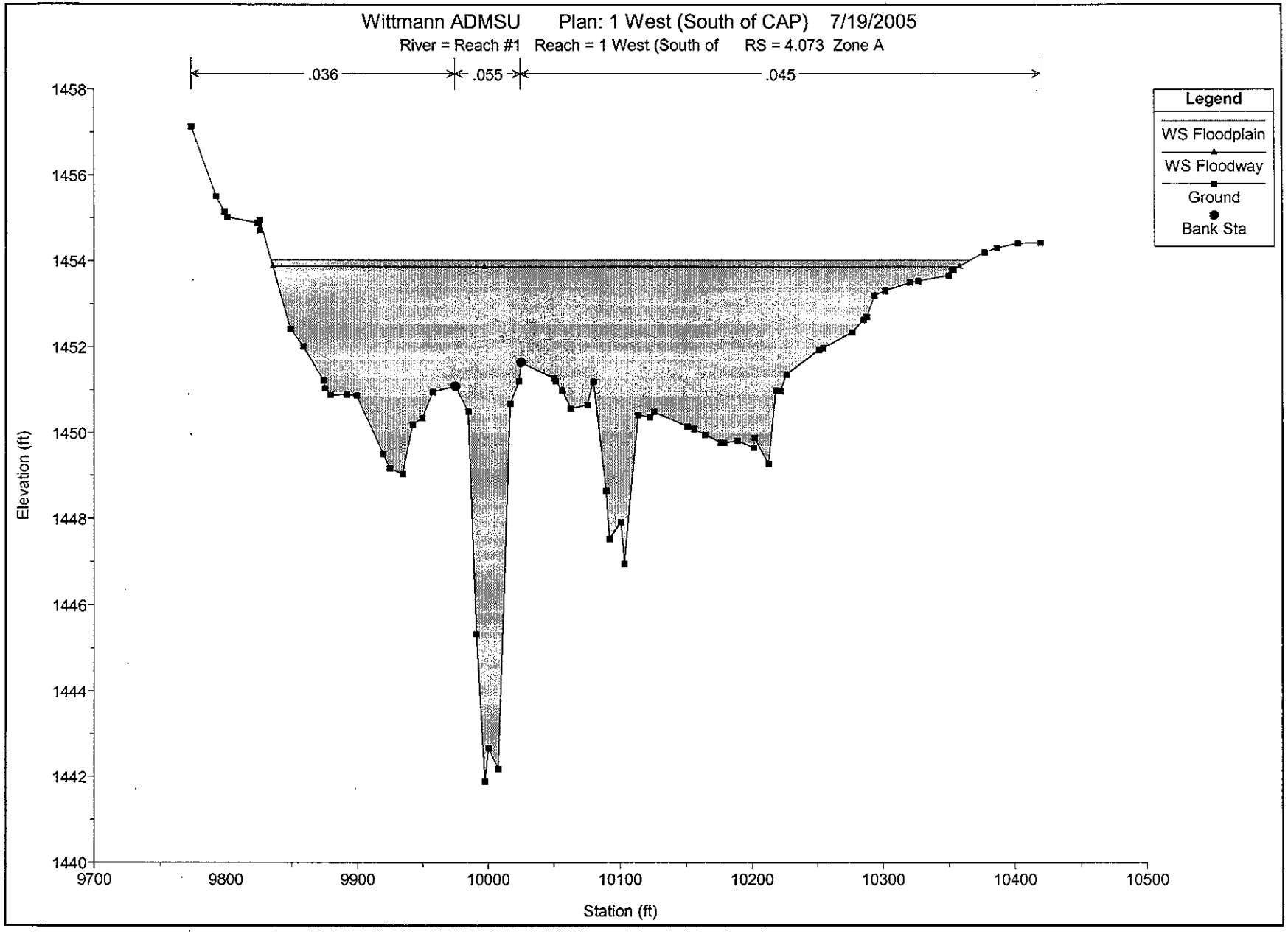

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 4.741
.042
.048
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1480
1478
1476
1474
1472
1470
1468
1466
1464
9800
9900
10000
10100
10200
10300
10400
Station (ft)

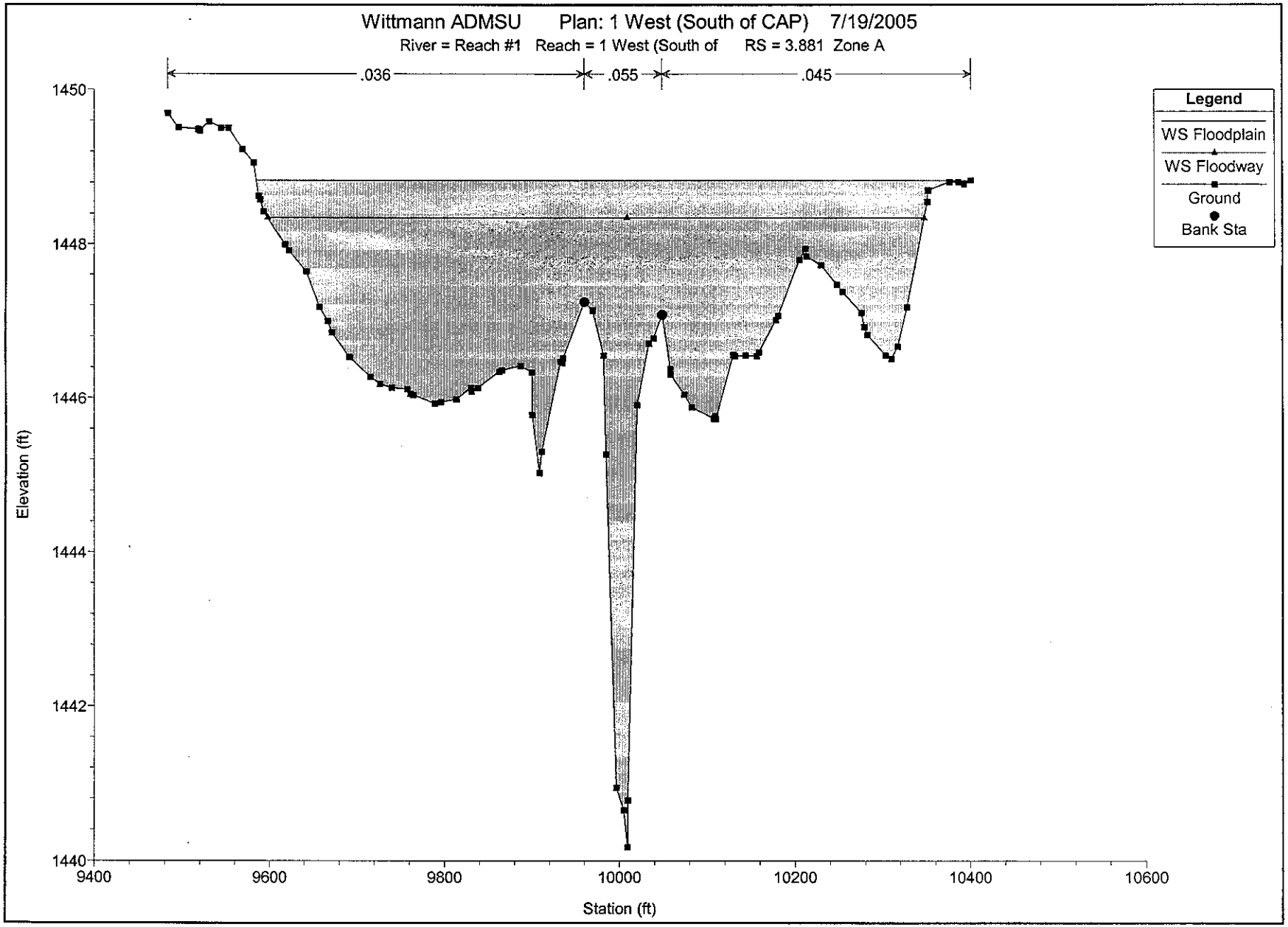

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 4.672 Zone A
.041
.046
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1480
1475
1470
1465
1460
1455
1450
9700
9800
9900
10000
10100
10200
10300
Station (ft)

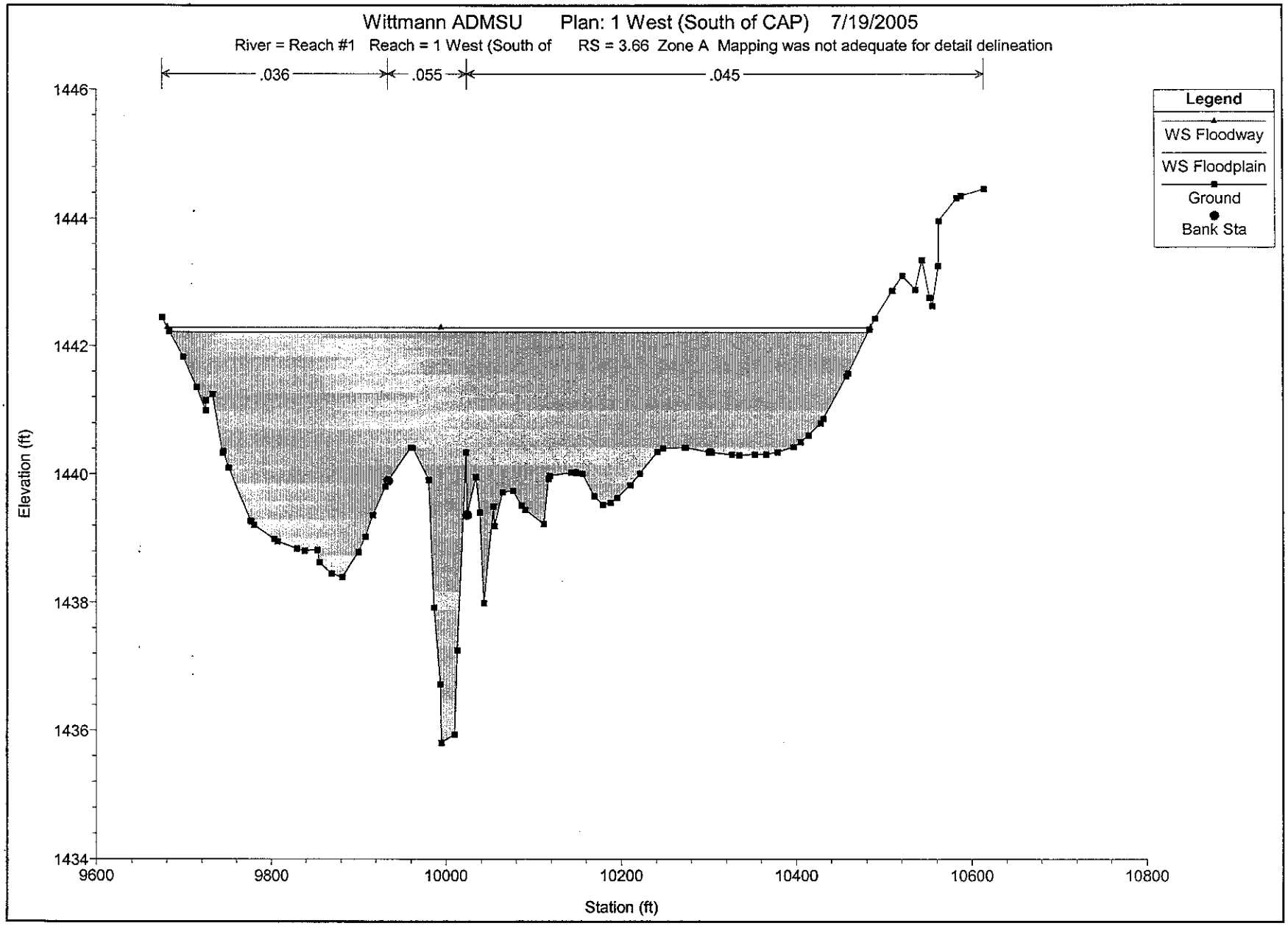

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 4.512 Zone A
.041
.046
.041
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1470
1465
1460
1455
1450
9200
9400
9600
9800
10000
10200
10400
Station (ft)

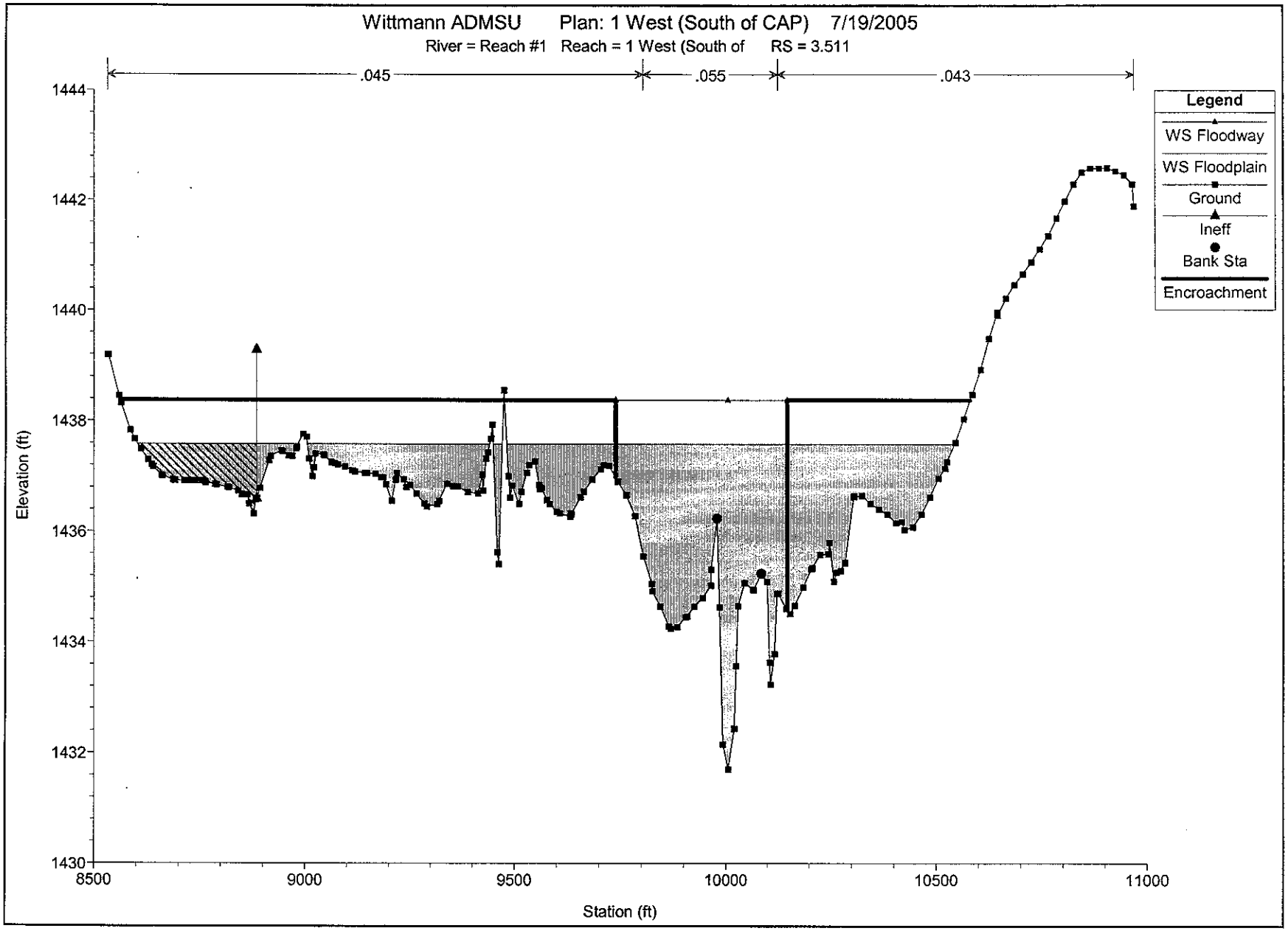

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 4.356 Zone A
.041
.046
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1470
1465
1460
1455
1450
9600
9800
10000
10200
10400
10600
Station (ft)

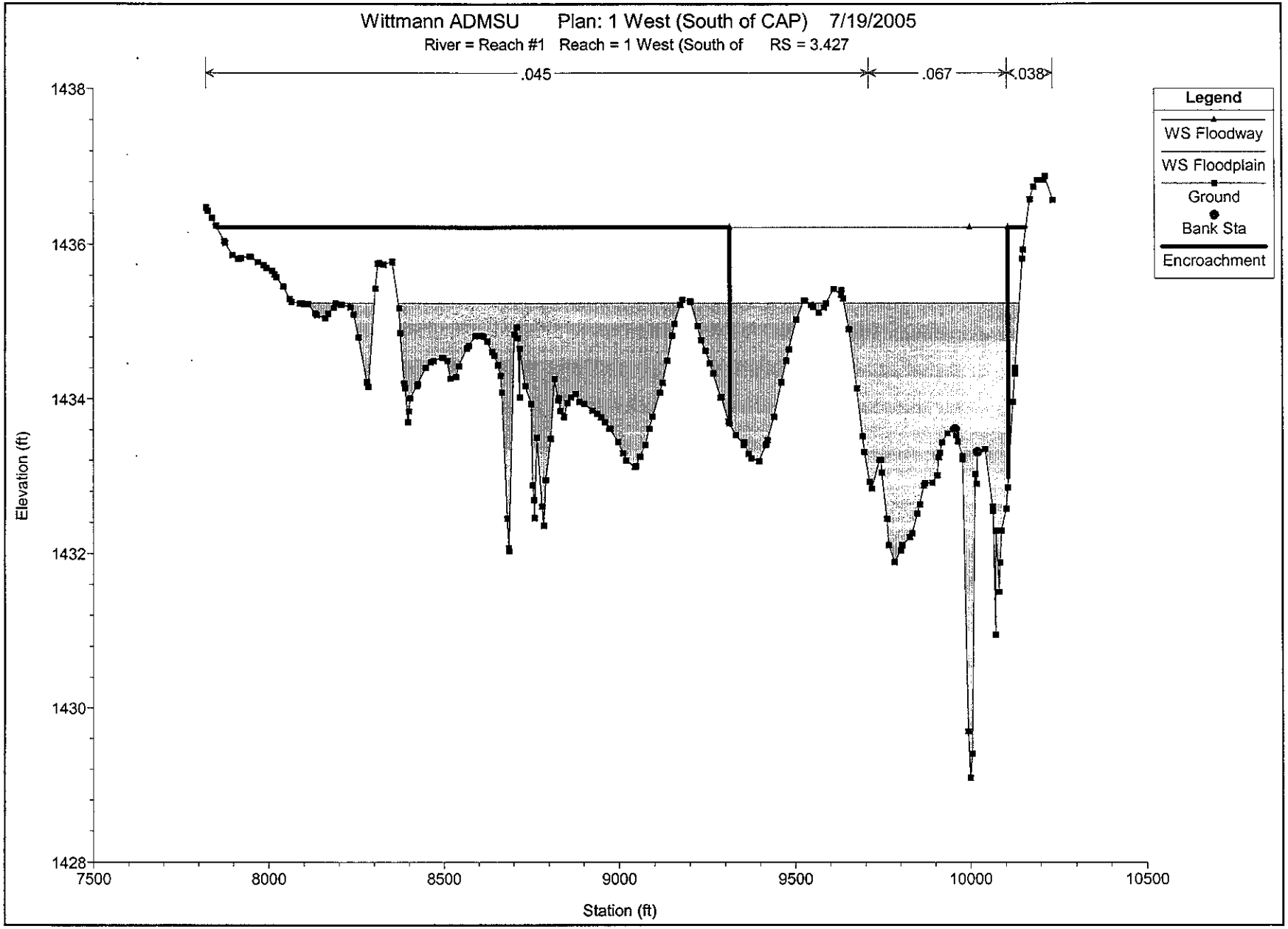

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 4.234 Zone A
.041
.046
.041
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1462
1460
1458
1456
1454
1452
1450
1448
1446
1444
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

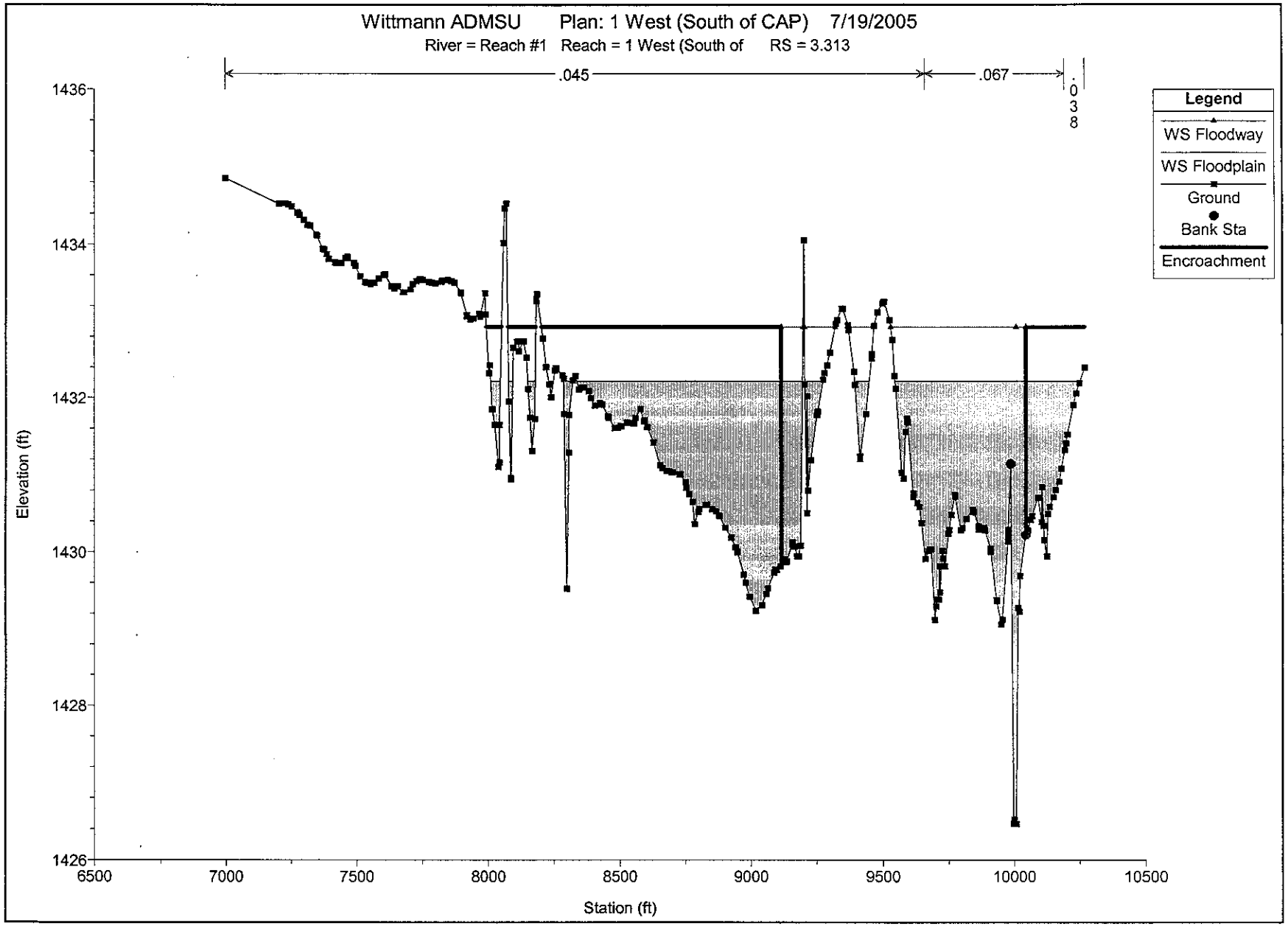

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 4.073 Zone A
.036
.055
.045
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1458
1456
1454
1452
1450
1448
1446
1444
1442
1440
9700
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

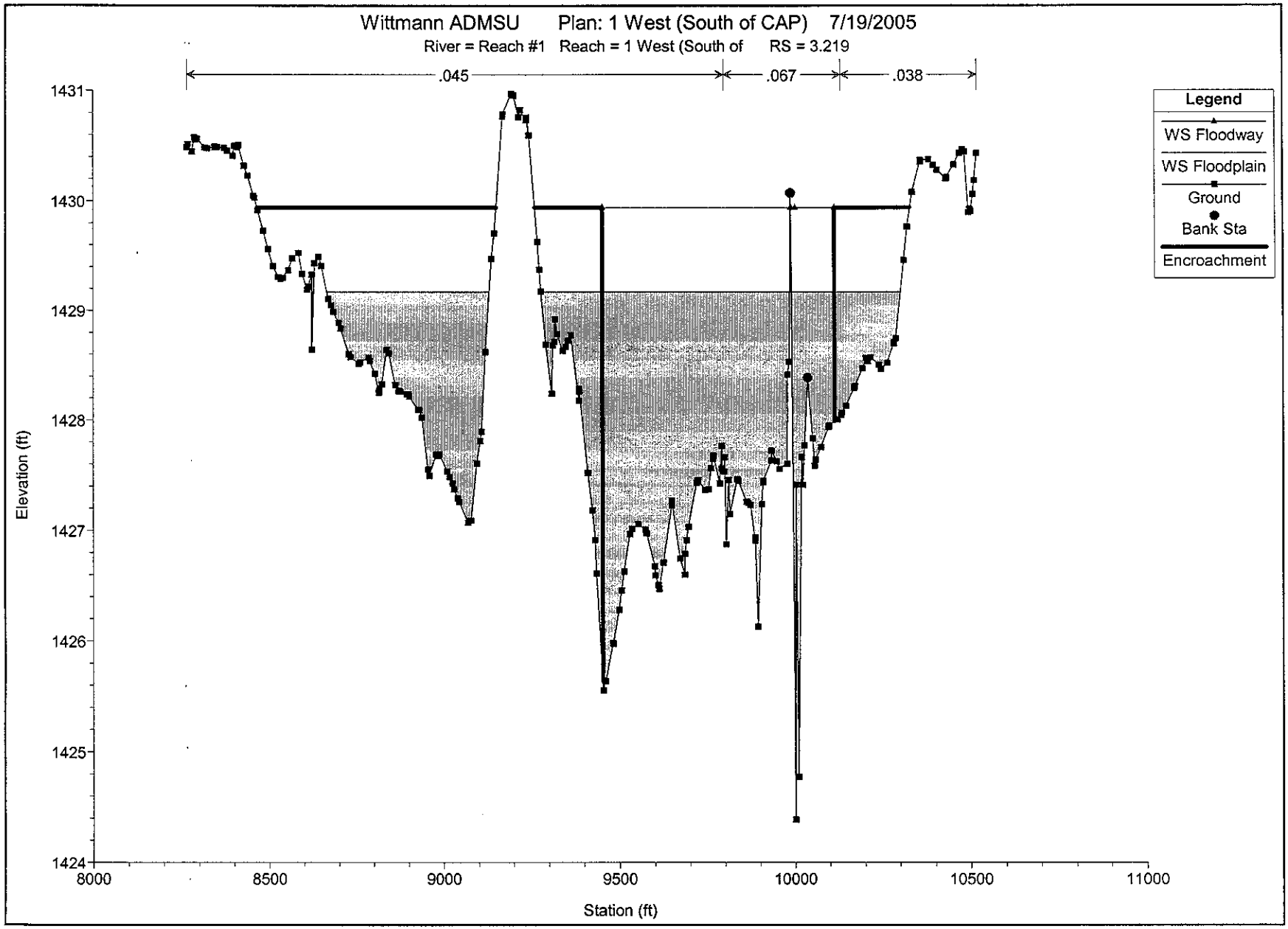

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 3.881 Zone A
.036
.055
.045
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1450
1448
1446
1444
1442
1440
9400
9600
9800
10000
10200
10400
10600
Station (ft)

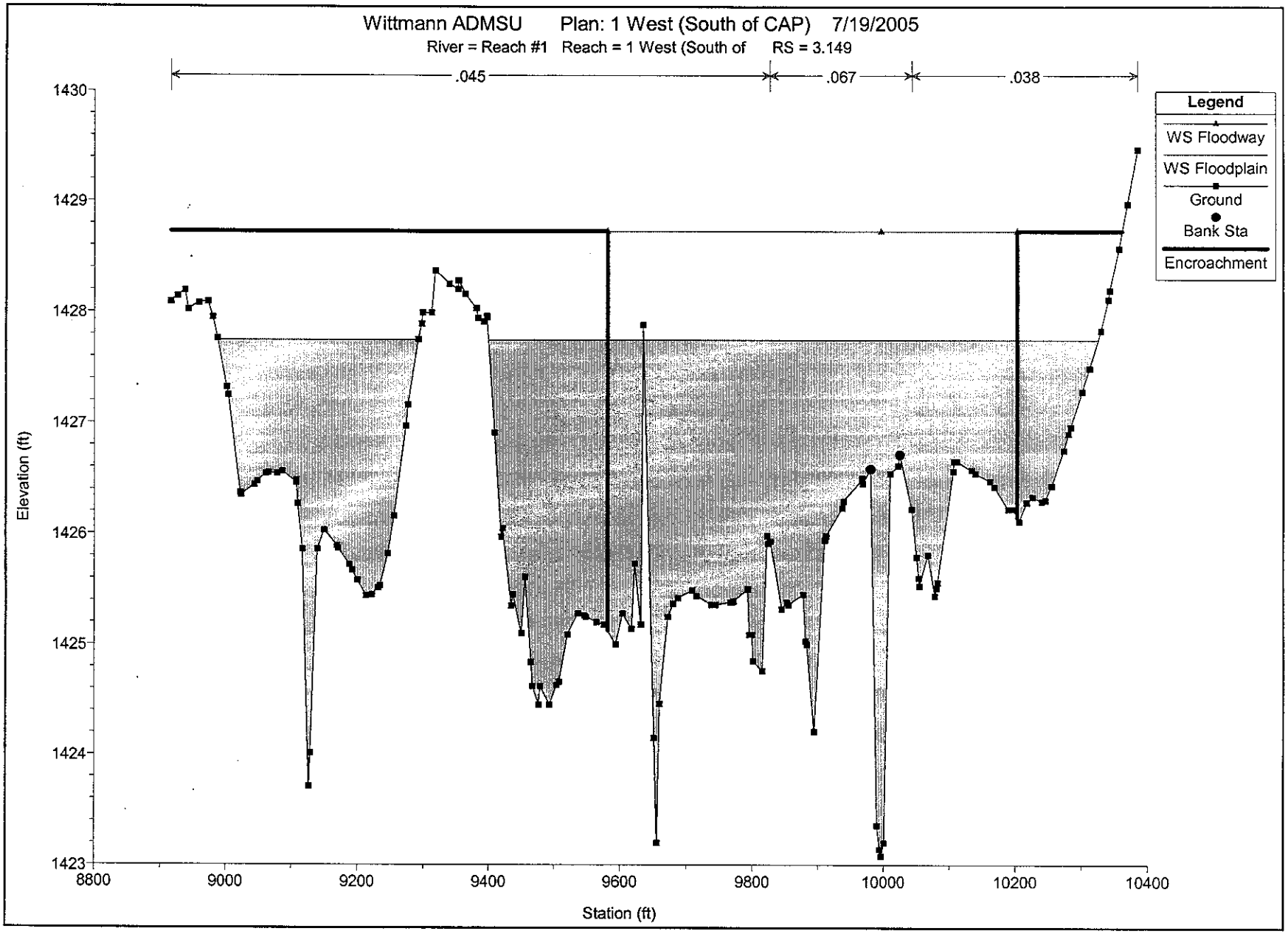

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 3.66 Zone A Mapping was not adequate for detail delineation
.036
.055
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1446
1444
1442
1440
1438
1436
1434
9600
9800
10000
10200
10400
10600
10800
Station (ft)

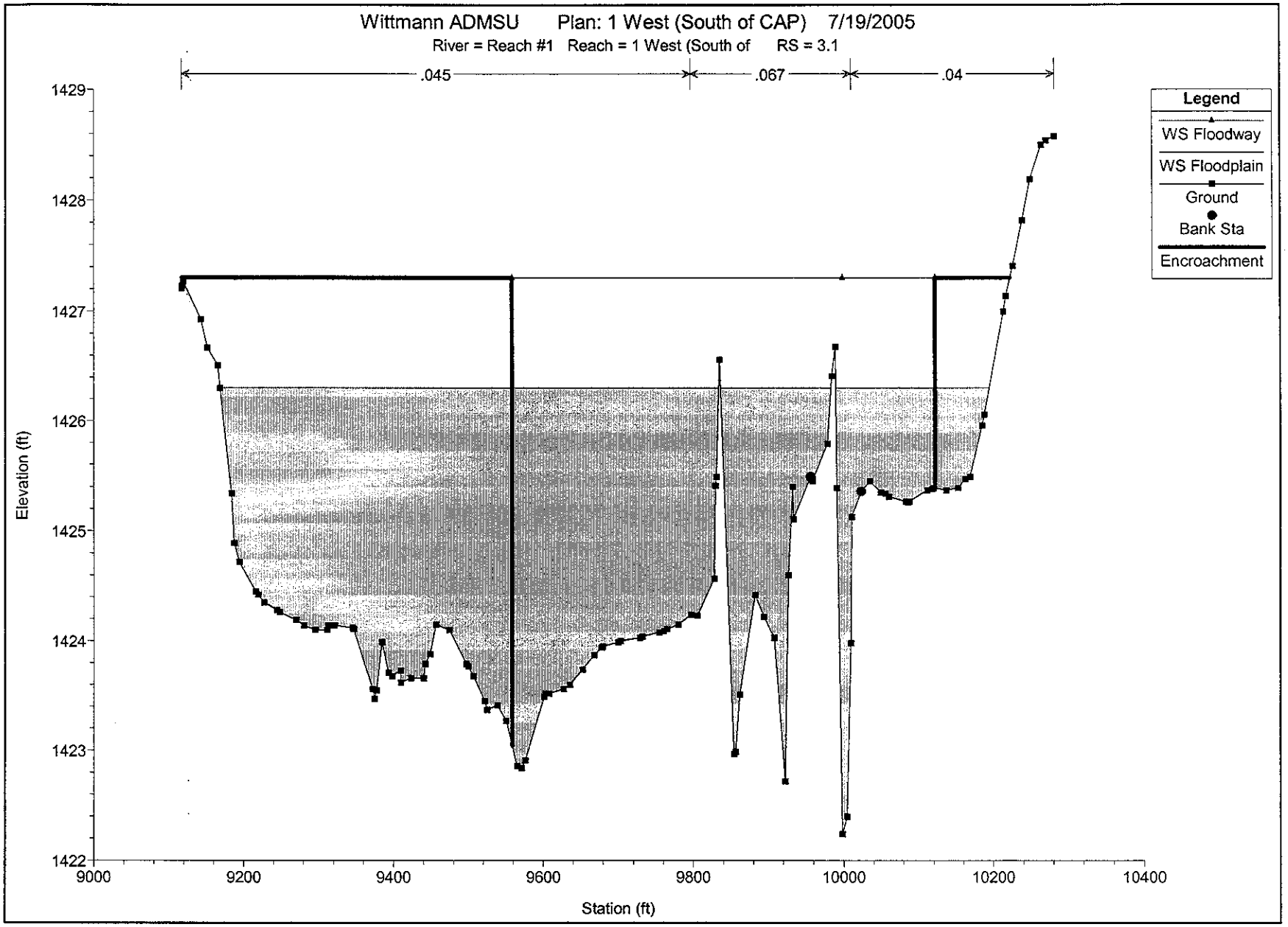

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 3.511
.045
.055
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1444
1442
1440
1438
1436
1434
1432
1430
8500
9000
9500
10000
10500
11000
Station (ft)

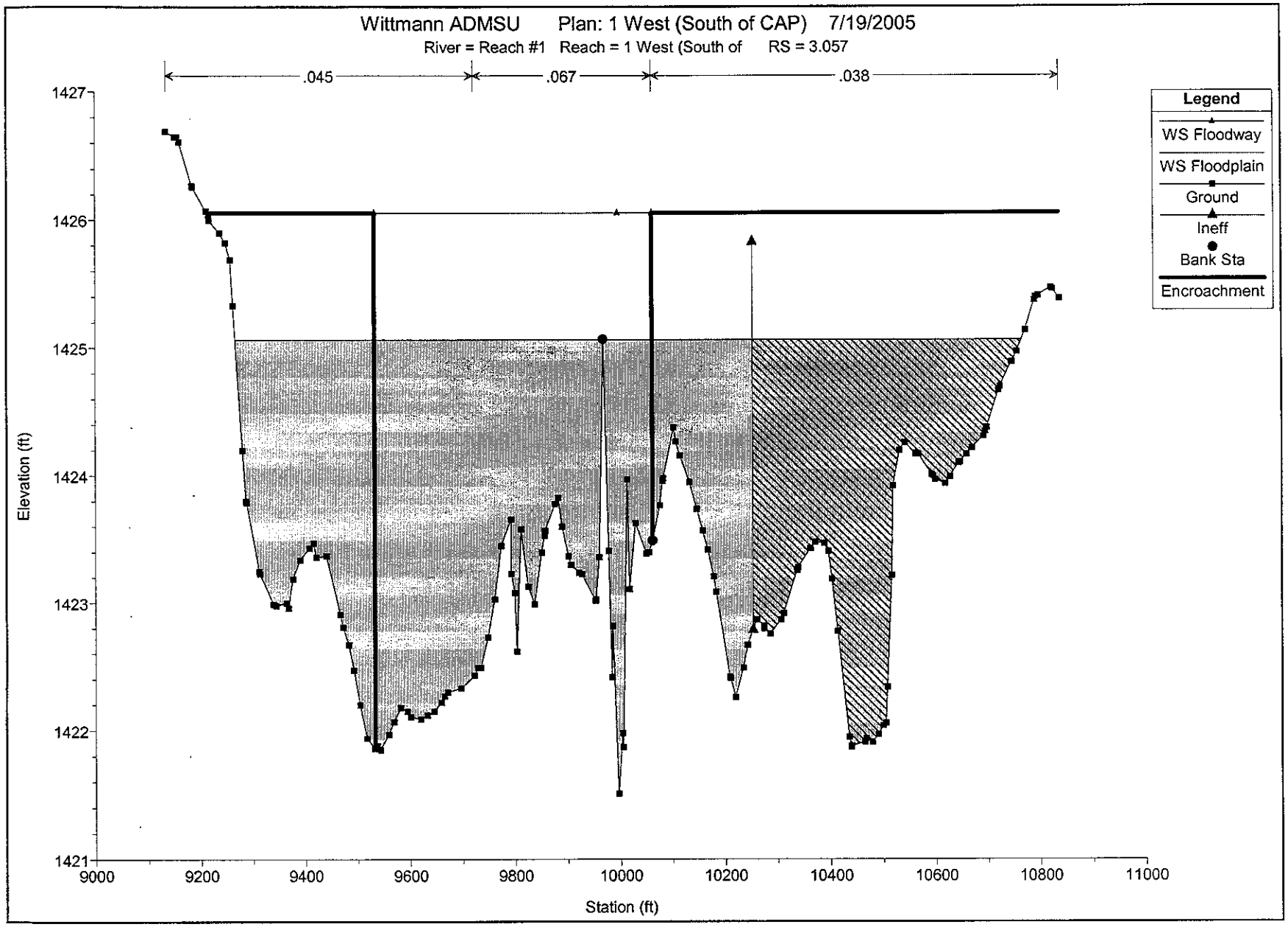

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 3.427
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1438
1436
1434
1432
1430
1428
7500
8000
8500
9000
9500
10000
10500
Station (ft)

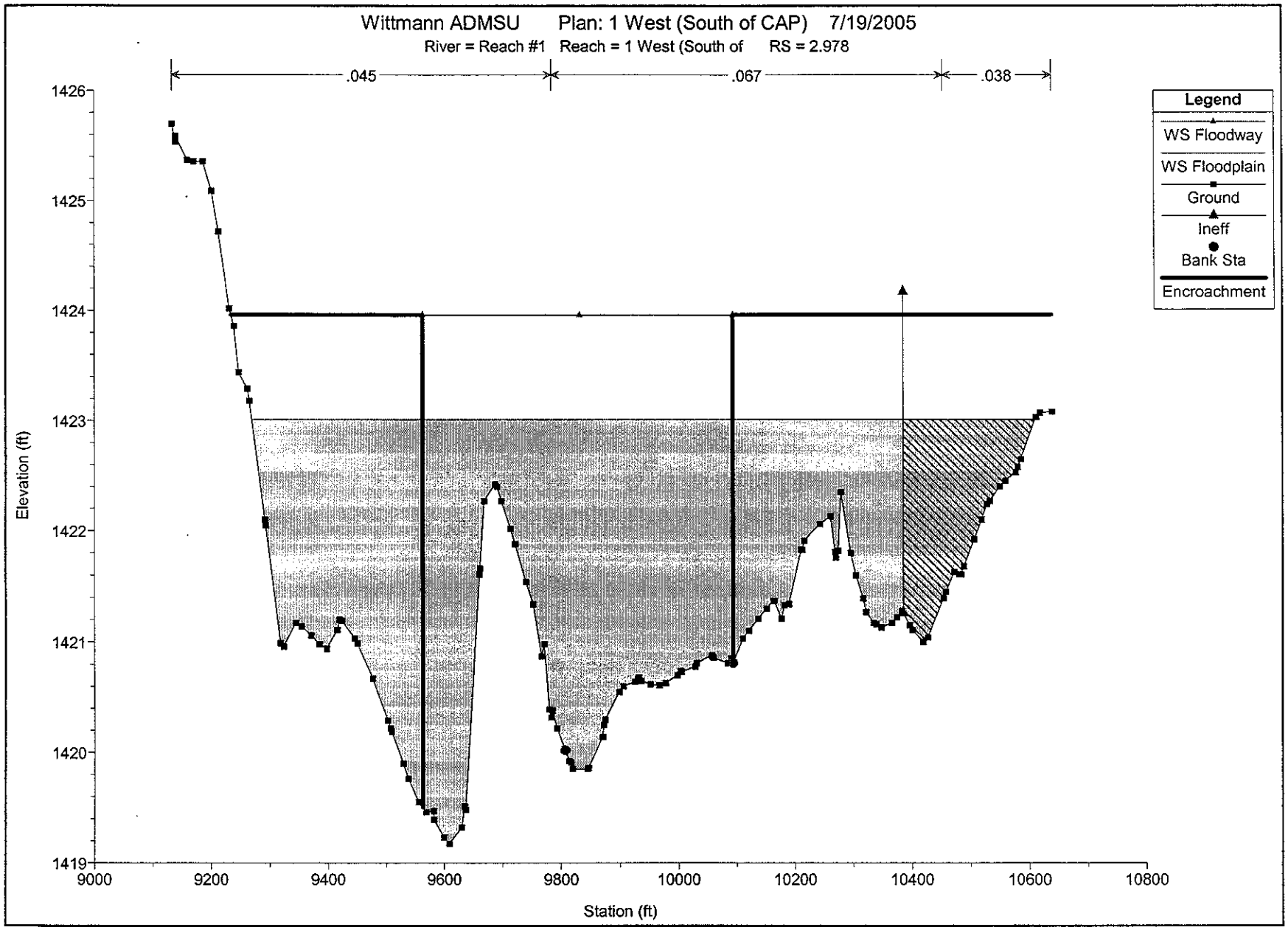

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 3.313
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1436
1434
1432
1430
1428
1426
6500
7000
7500
8000
8500
9000
9500
10000
10500
Station (ft)

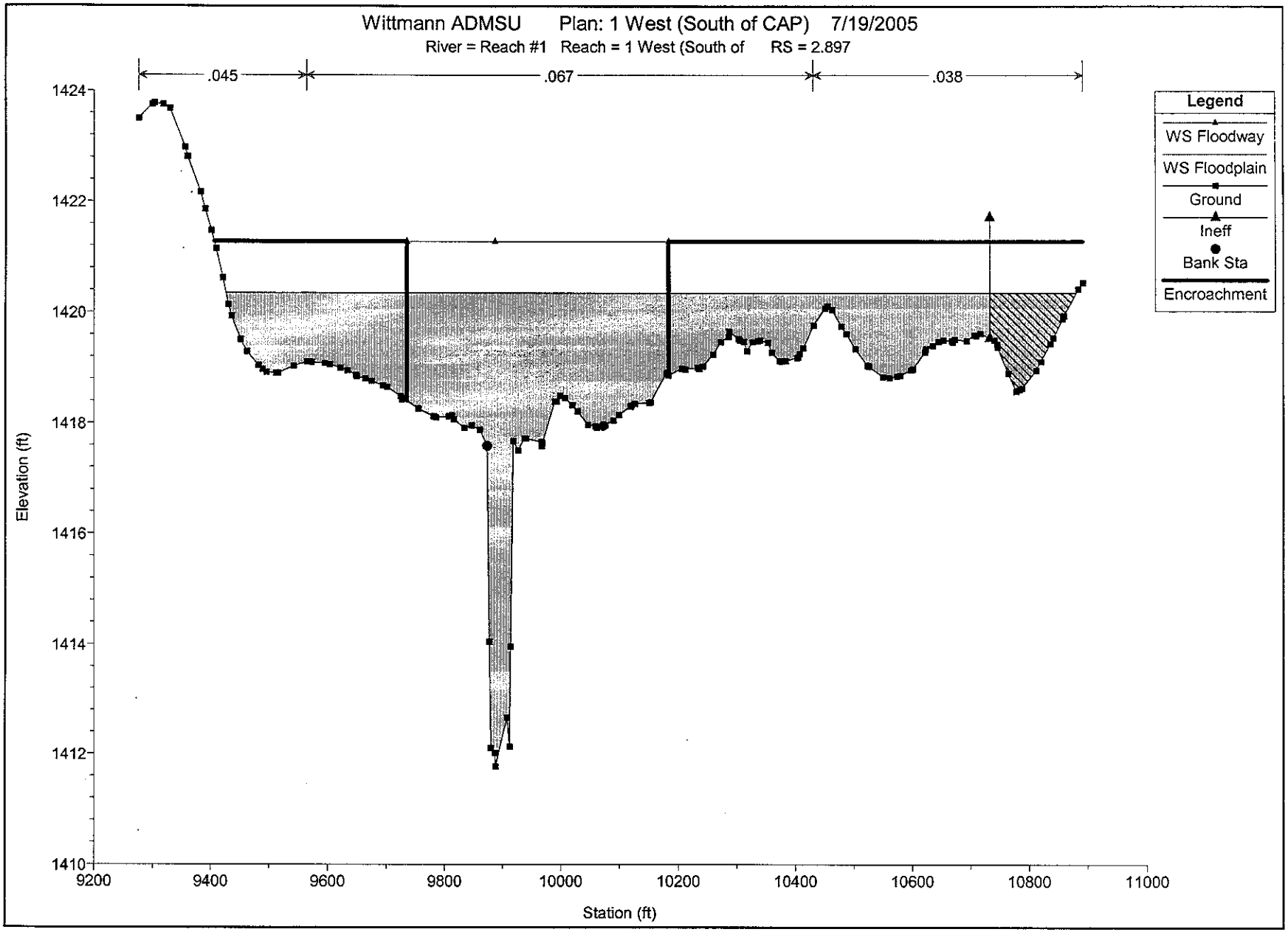

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 3.219
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1431
1430
1429
1428
1427
1426
1425
1424
8000
8500
9000
9500
10000
10500
11000
Station (ft)

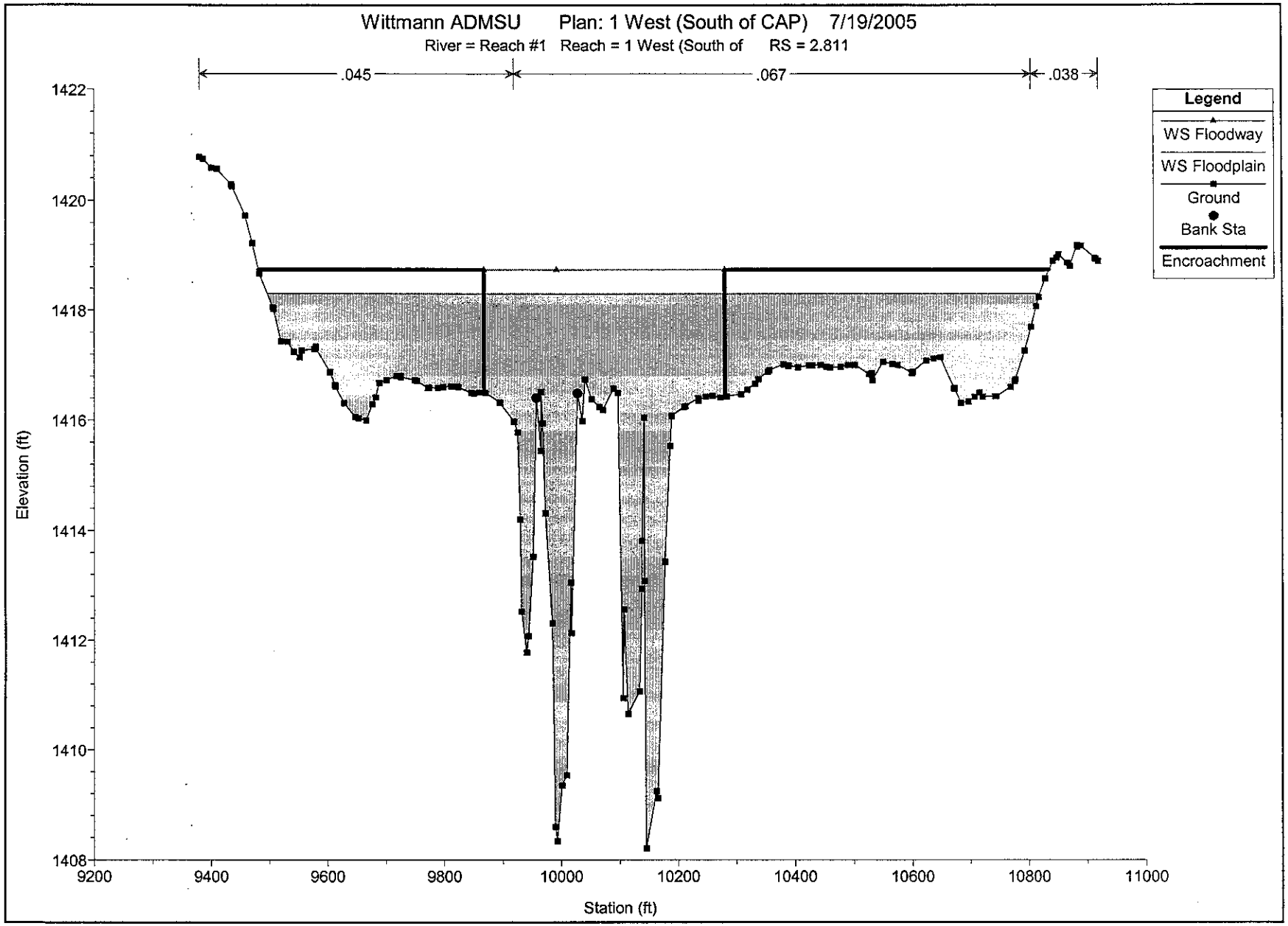

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 3.149
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1430
1429
1428
1427
1426
1425
1424
1423
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

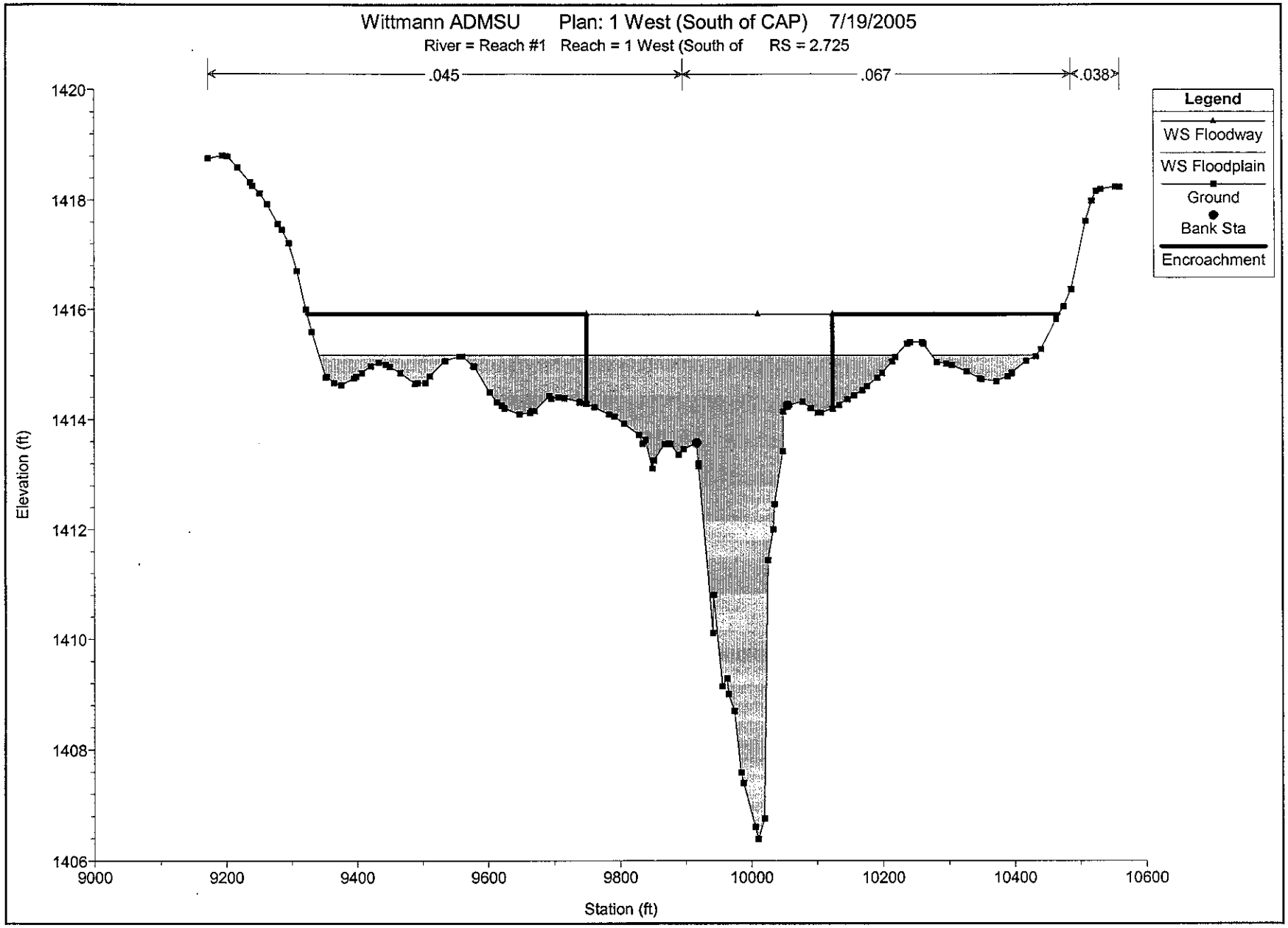

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 3.1
.045
.067
.04
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1429
1428
1427
1426
1425
1424
1423
1422
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

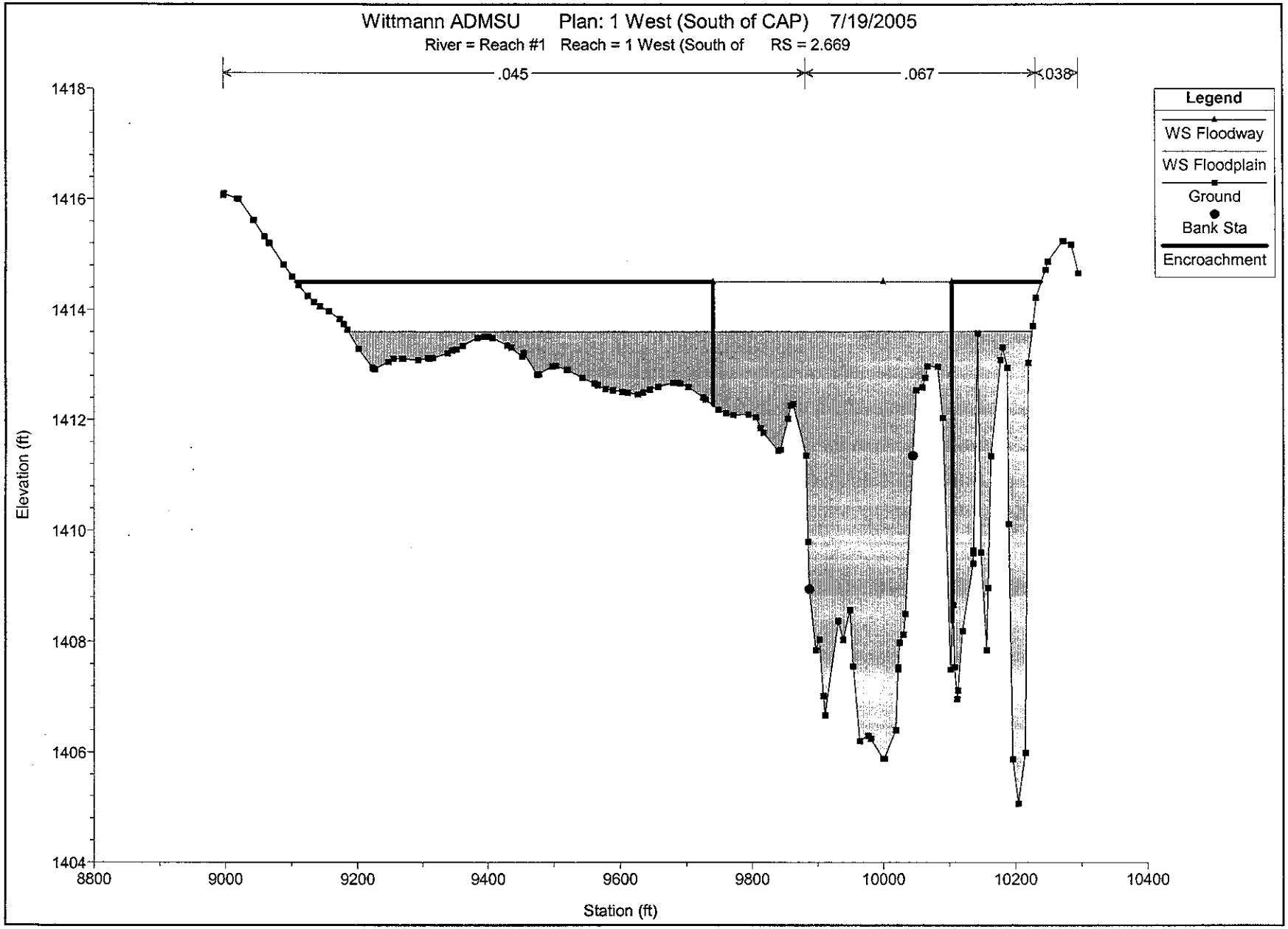

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 3.057
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1427
1426
1425
1424
1423
1422
1421
9000
9200
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

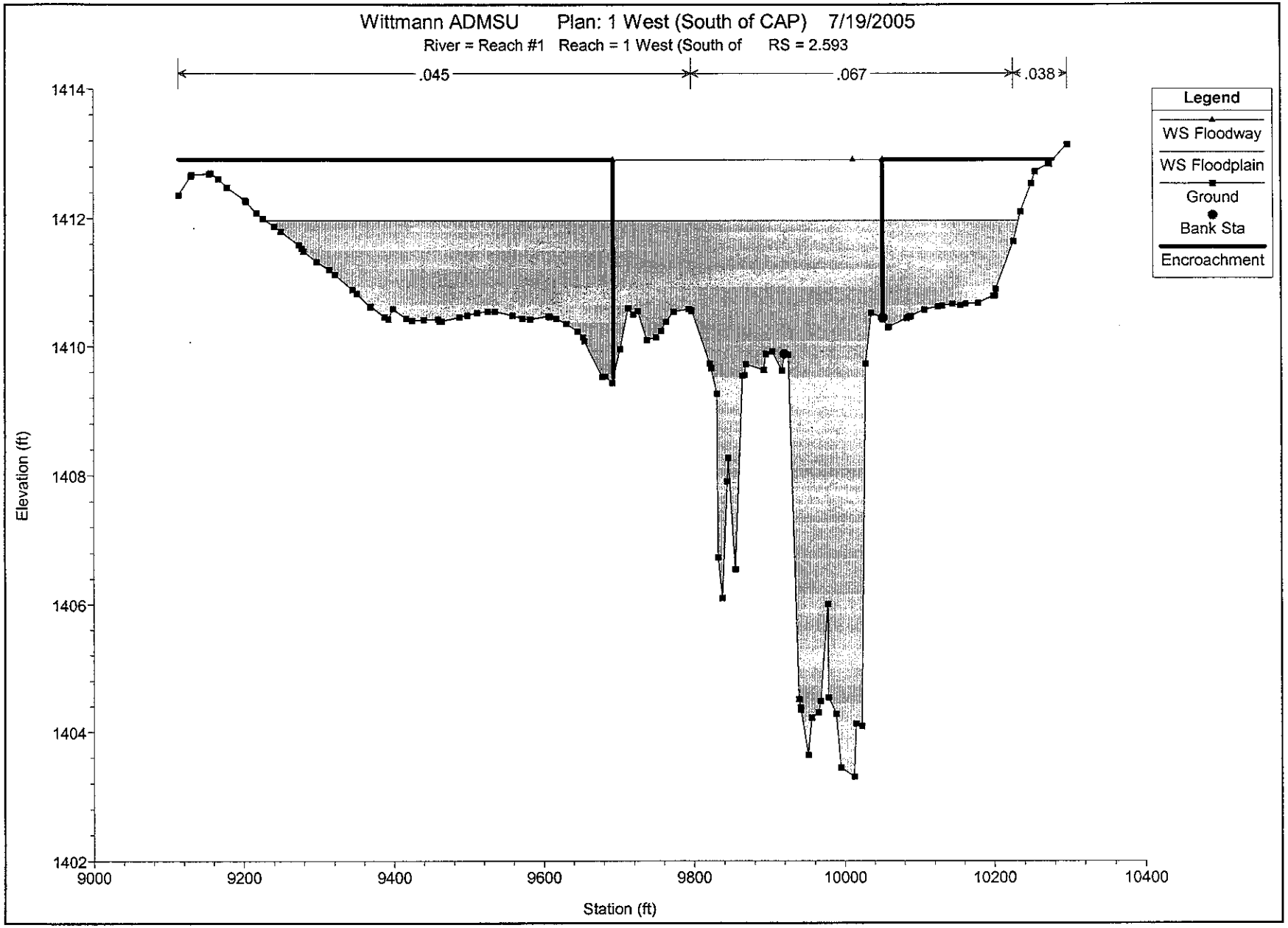

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.978
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1426
1425
1424
1423
1422
1421
1420
1419
9000
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

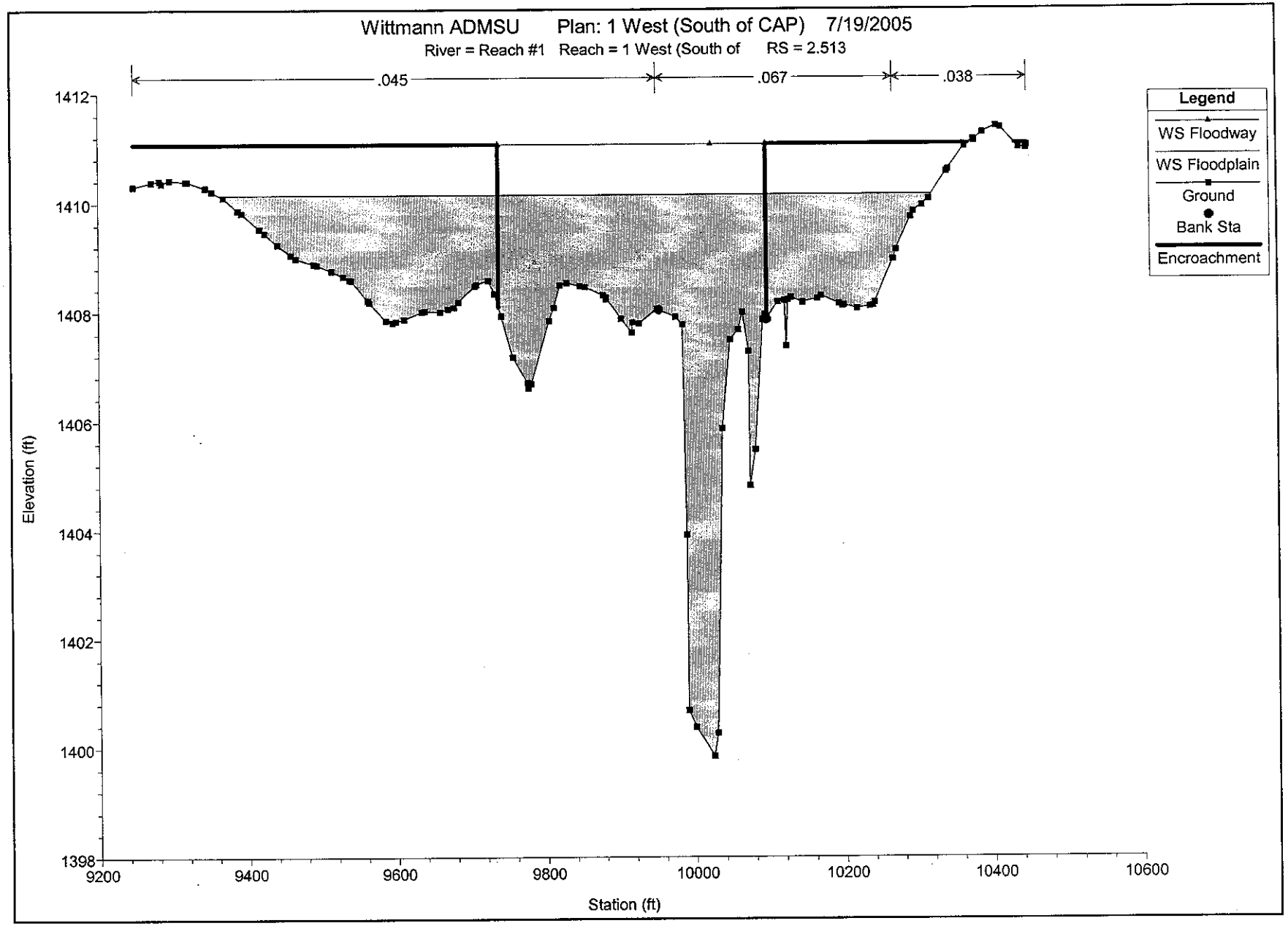

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.897
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1424
1422
1420
1418
1416
1414
1412
1410
9200
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

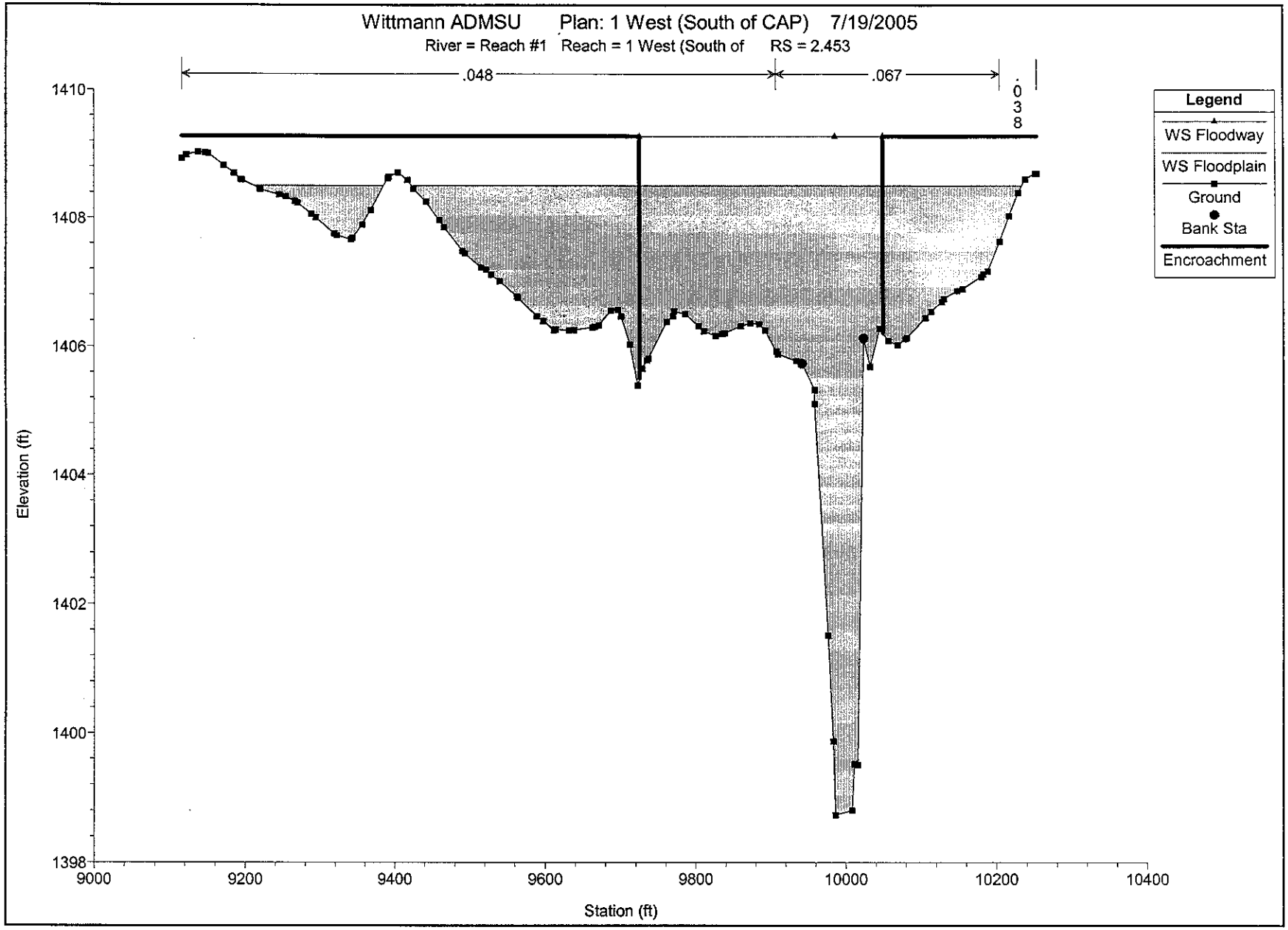

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.811
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1422
1420
1418
1416
1414
1412
1410
1408
9200
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

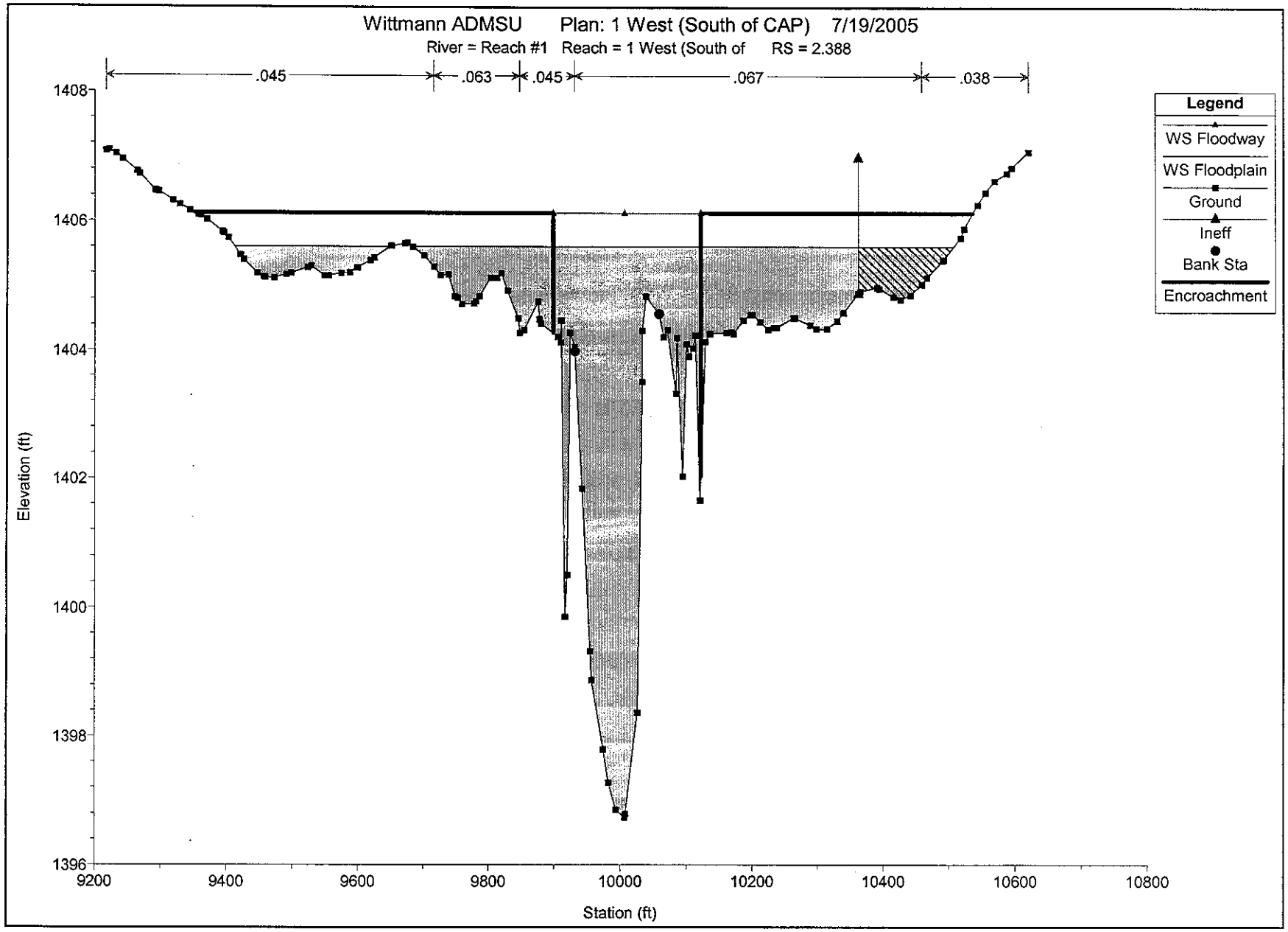

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.725
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1420
1418
1416
1414
1412
1410
1408
1406
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

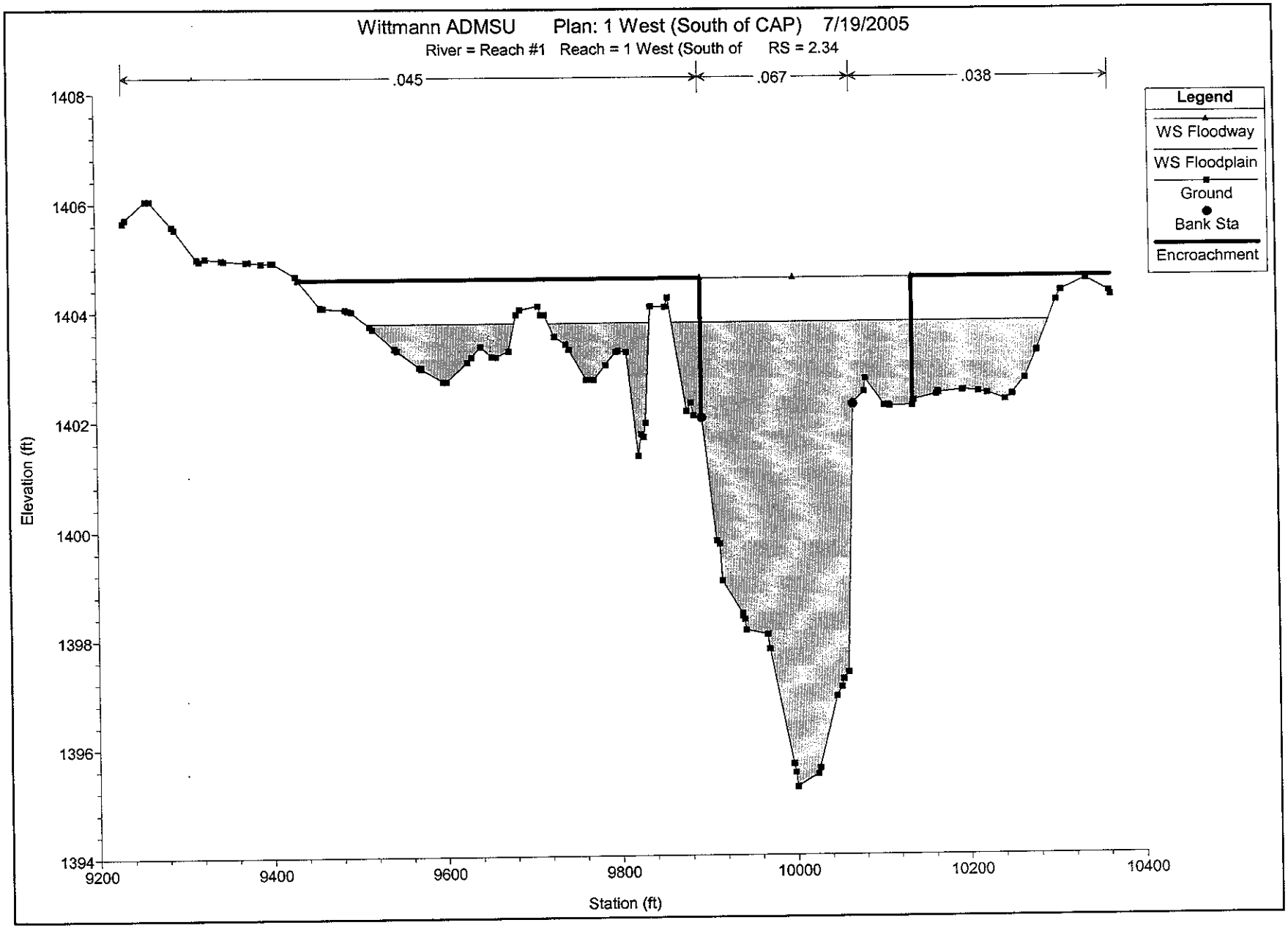

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.669
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1418
1416
1414
1412
1410
1408
1406
1404
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

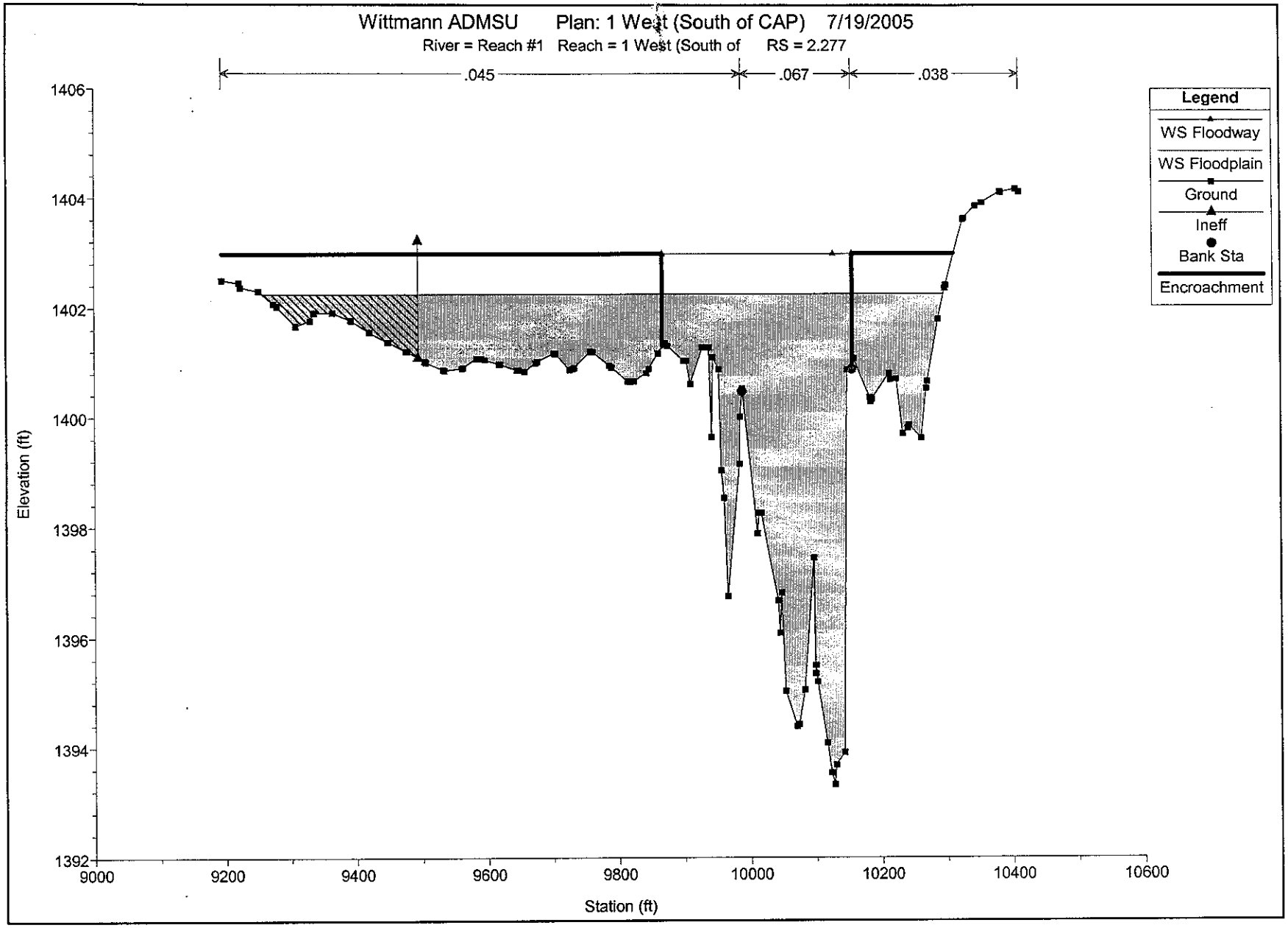

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.593
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1414
1412
1410
1408
1406
1404
1402
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

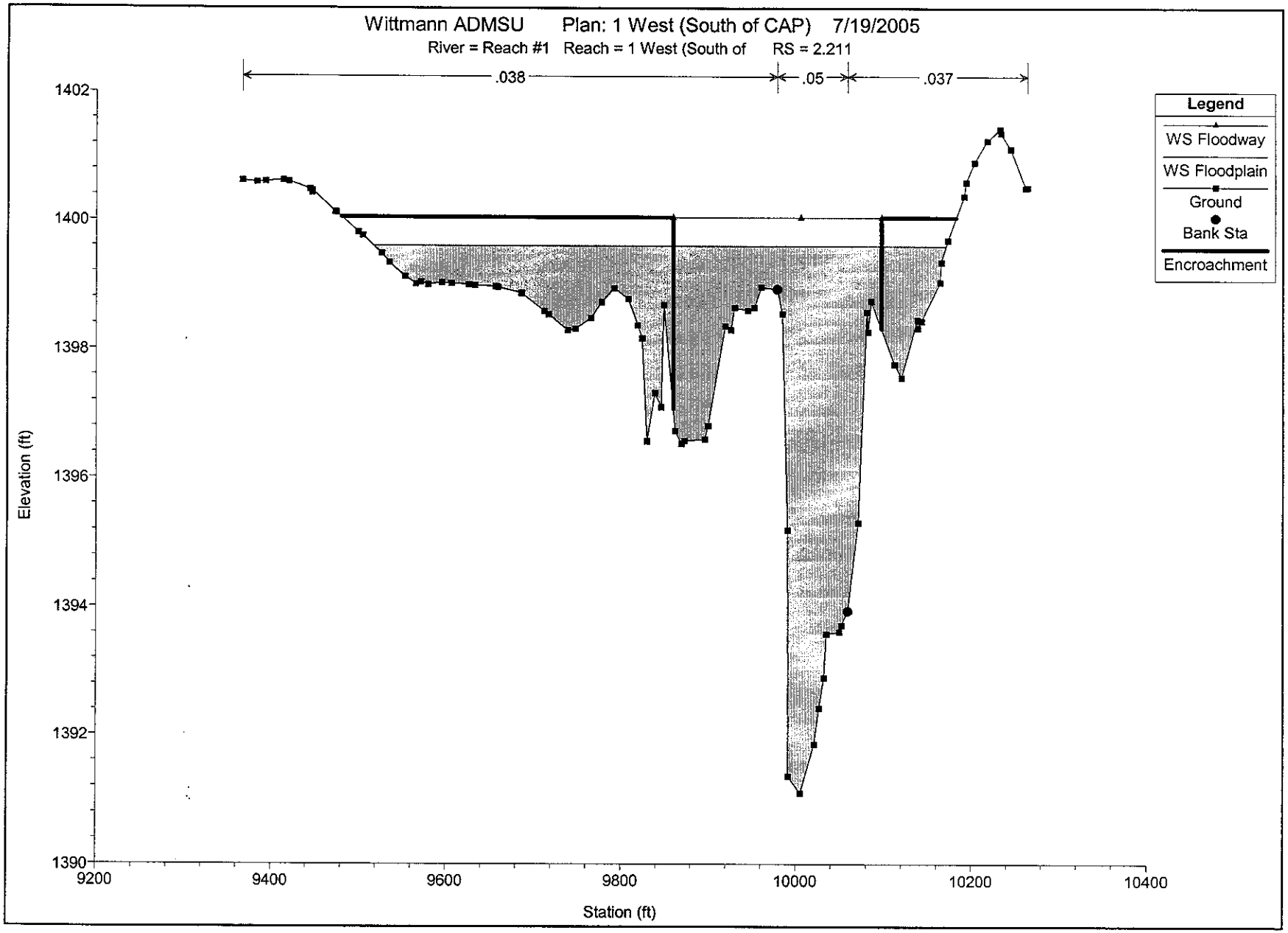

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.513
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1412
1410
1408
1406
1404
1402
1400
1398
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

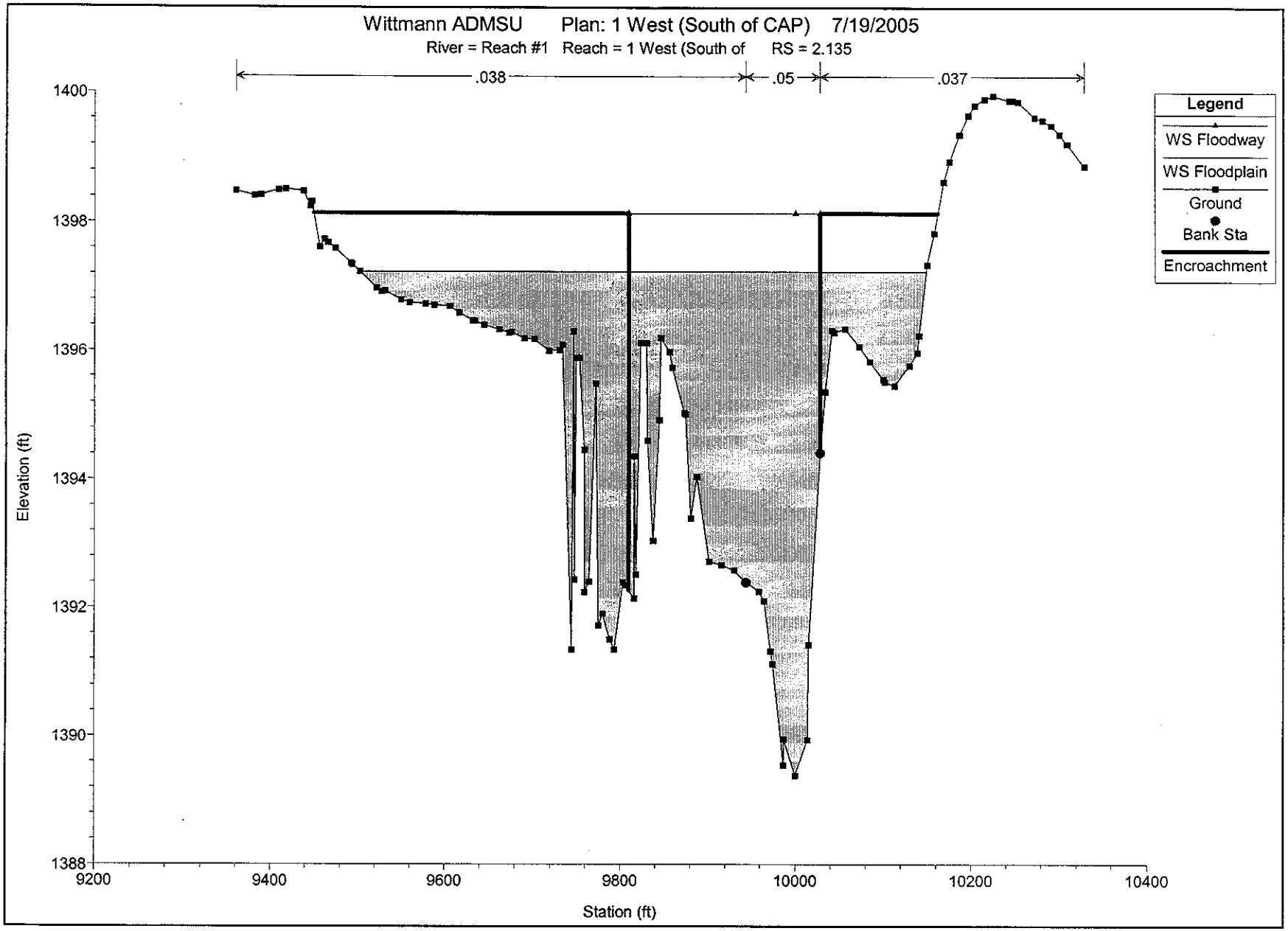

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.453
.048
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1410
1408
1406
1404
1402
1400
1398
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

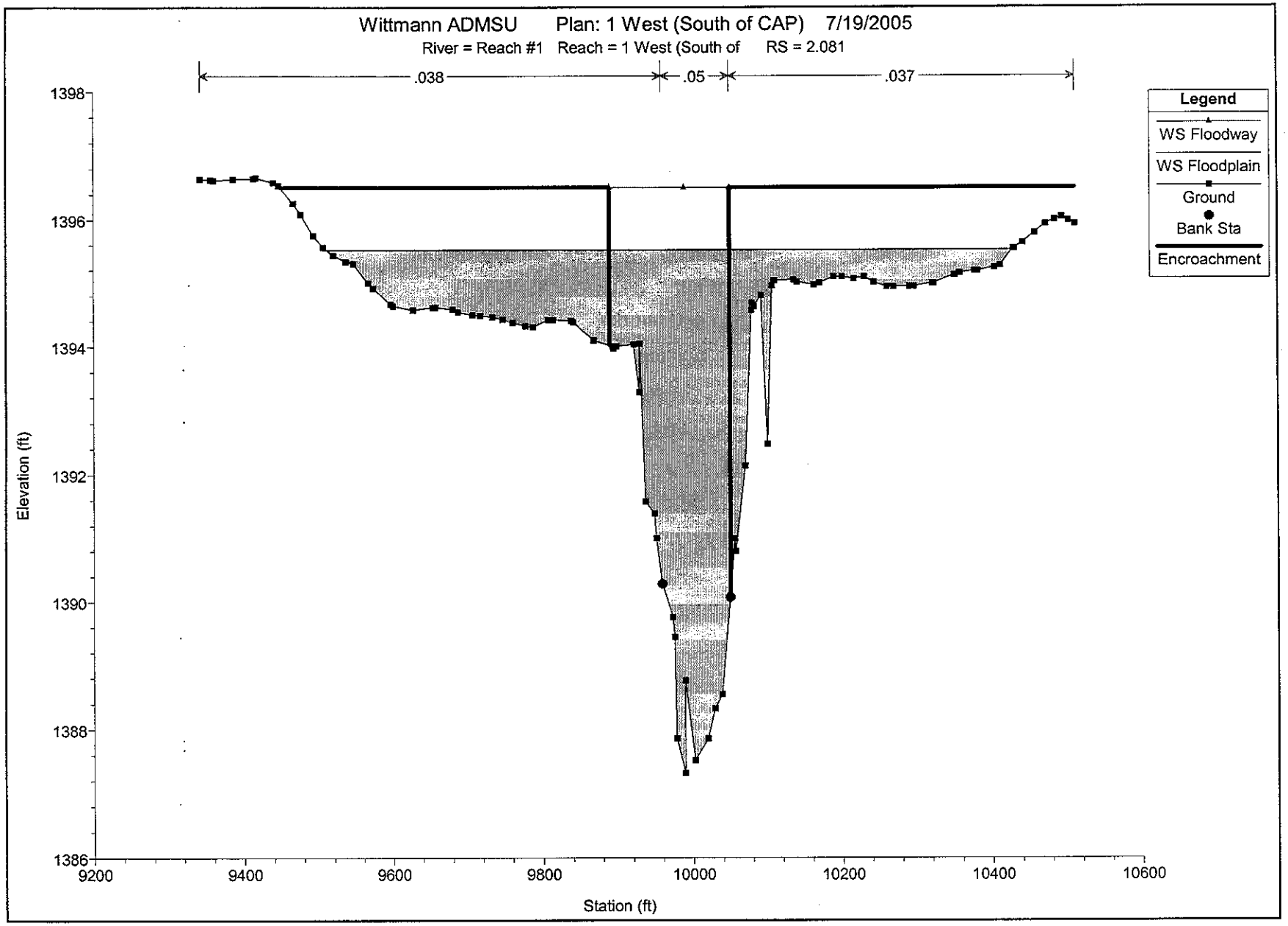

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.388
.045
.063
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1408
1406
1404
1402
1400
1398
1396
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

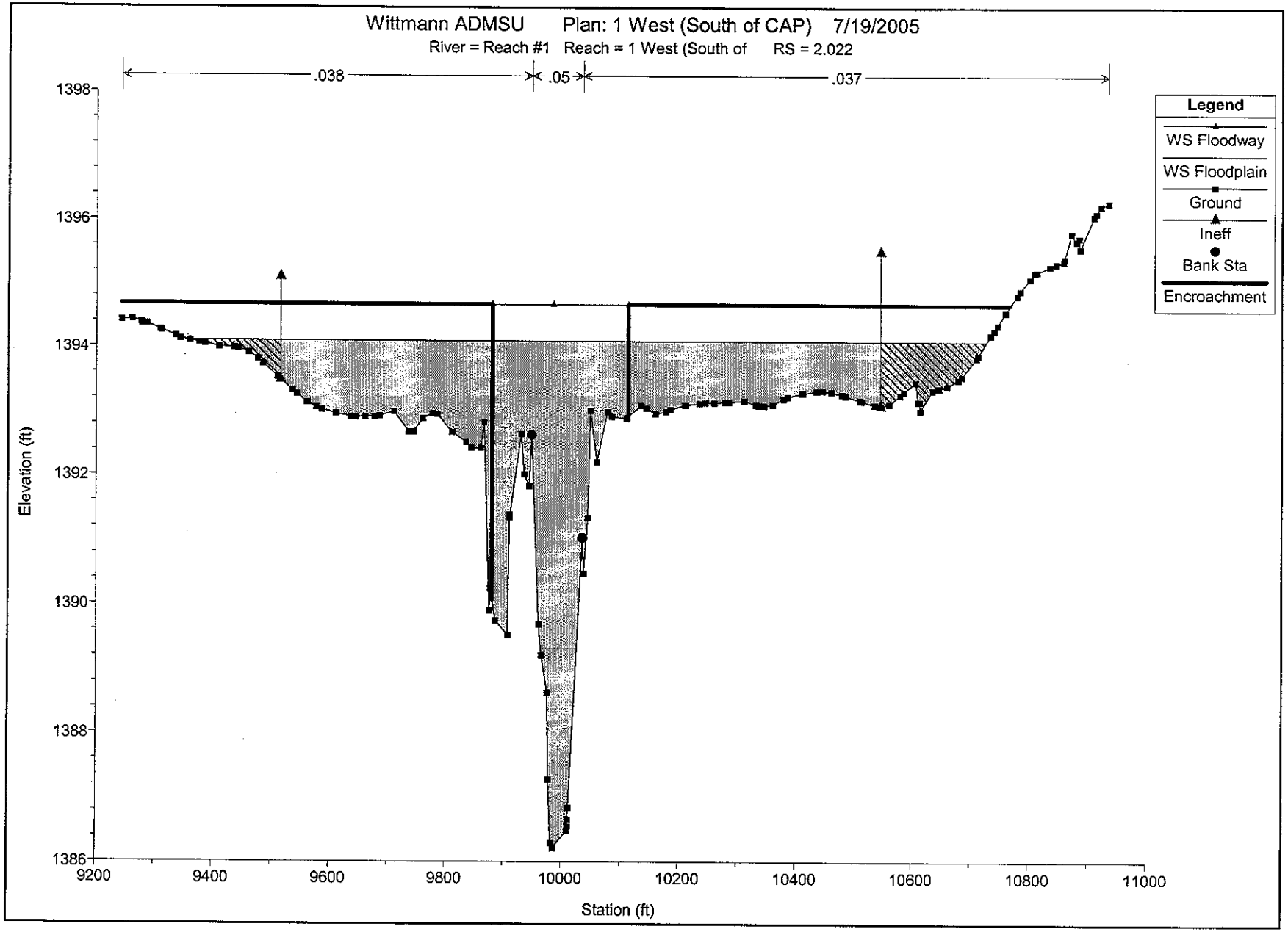

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.34
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1408
1406
1404
1402
1400
1398
1396
1394
9200
9400
9600
9800
10000
10200
10400
Station (ft)

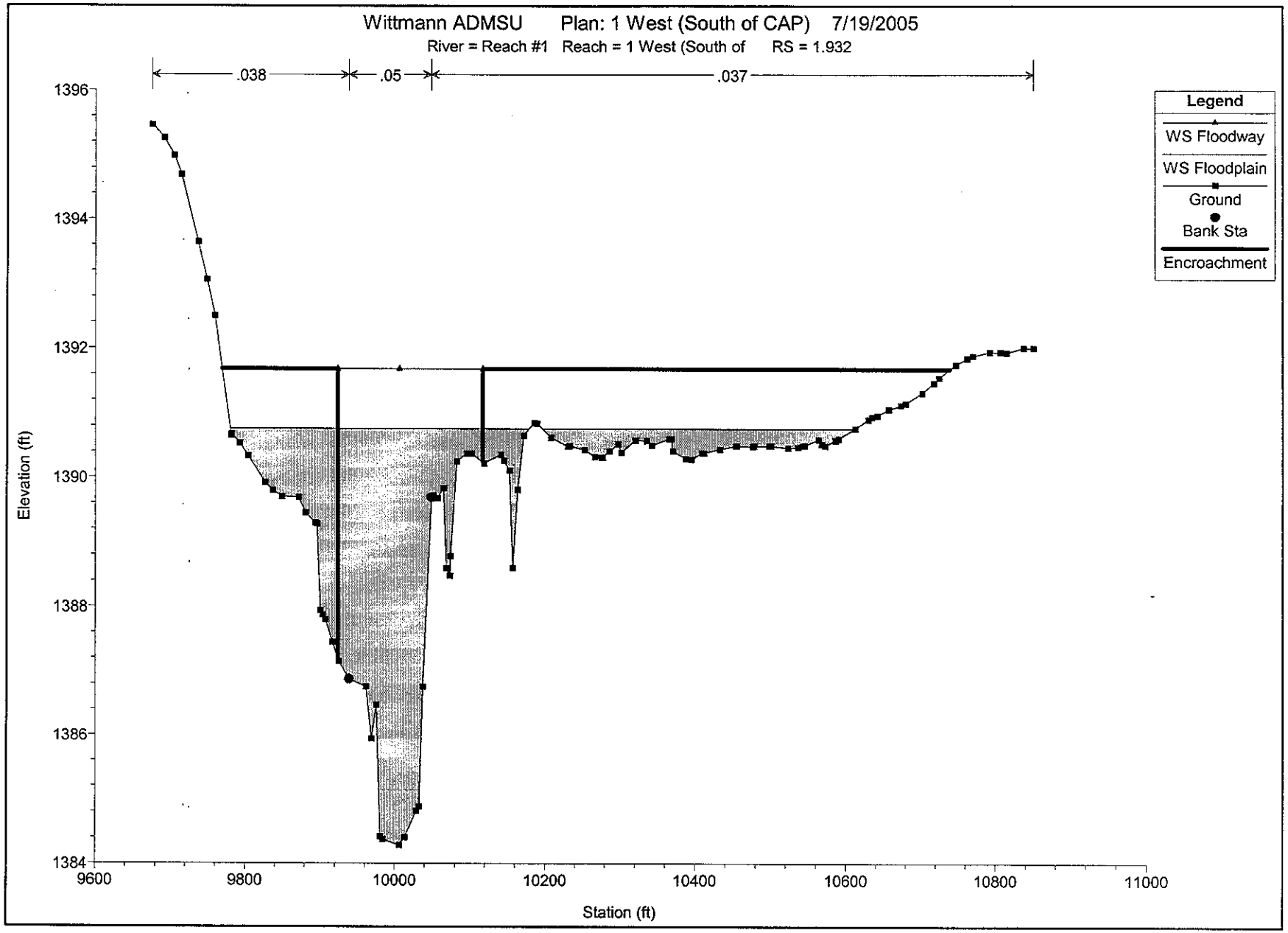

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.277
.045
.067
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1406
1404
1402
1400
1398
1396
1394
1392
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

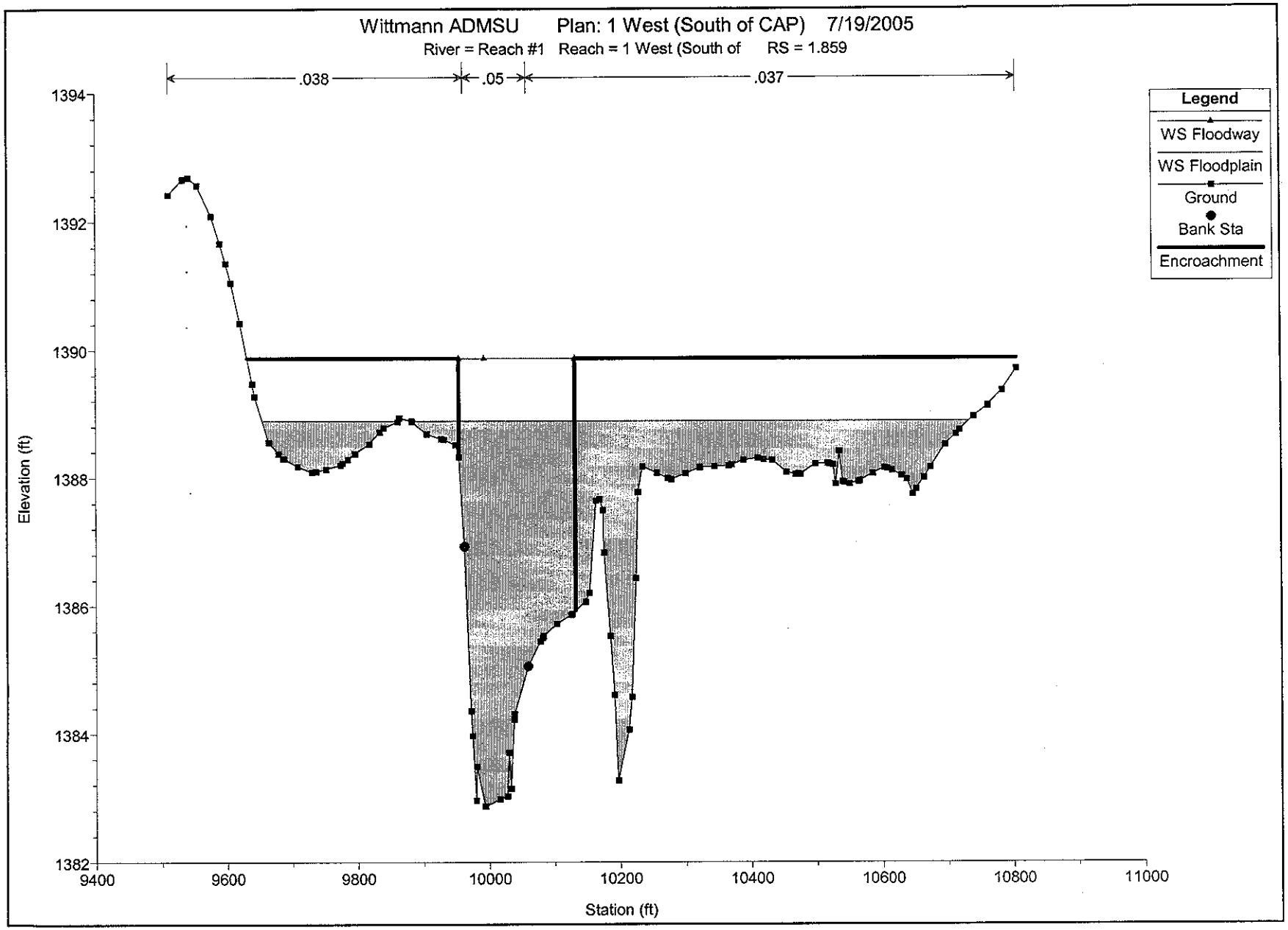

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.211
.038
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1402
1400
1398
1396
1394
1392
1390
9200
9400
9600
9800
10000
10200
10400
Station (ft)

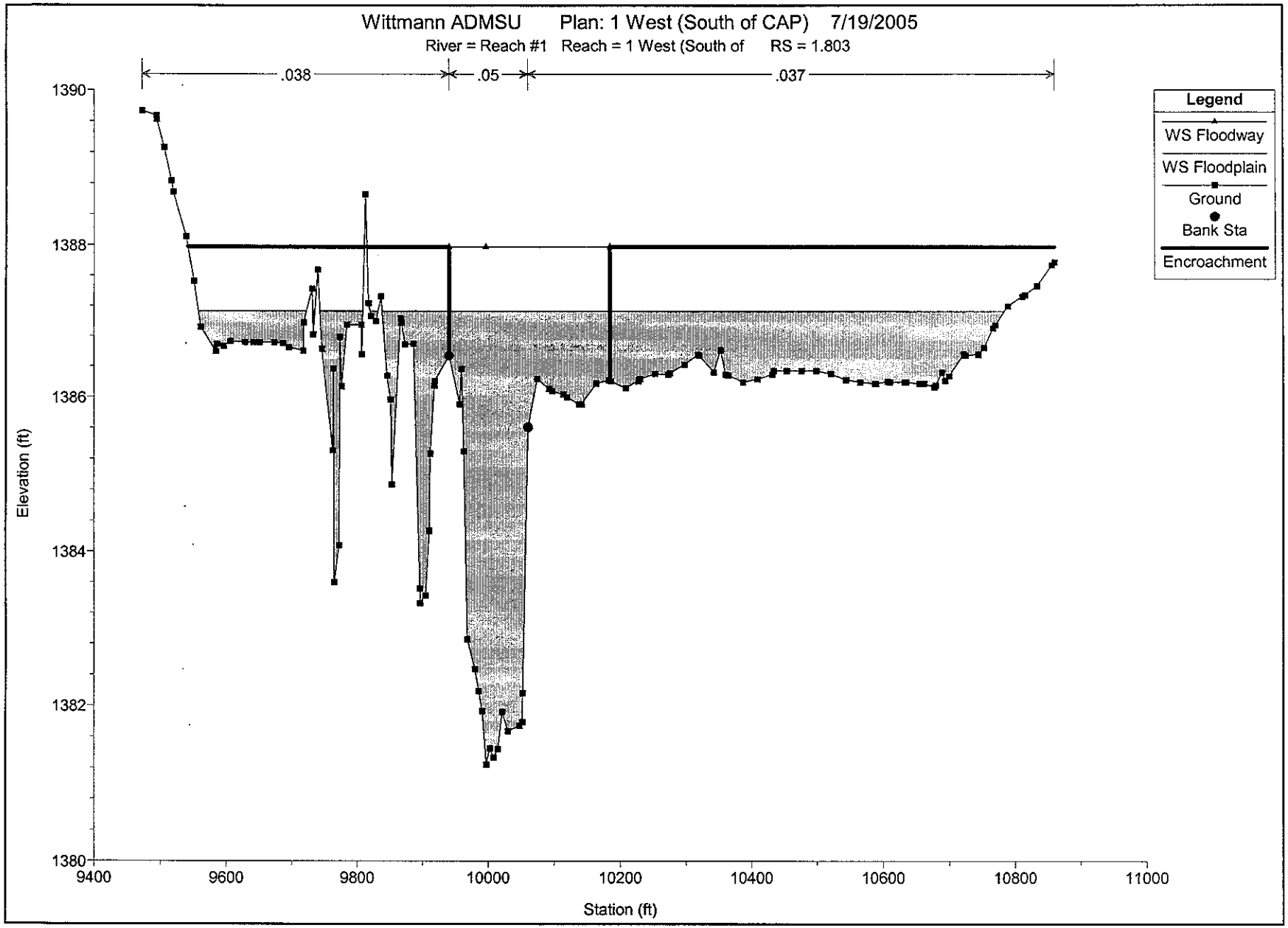

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.135
.038
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1400
1398
1396
1394
1392
1390
1388
9200
9400
9600
9800
10000
10200
10400
Station (ft)

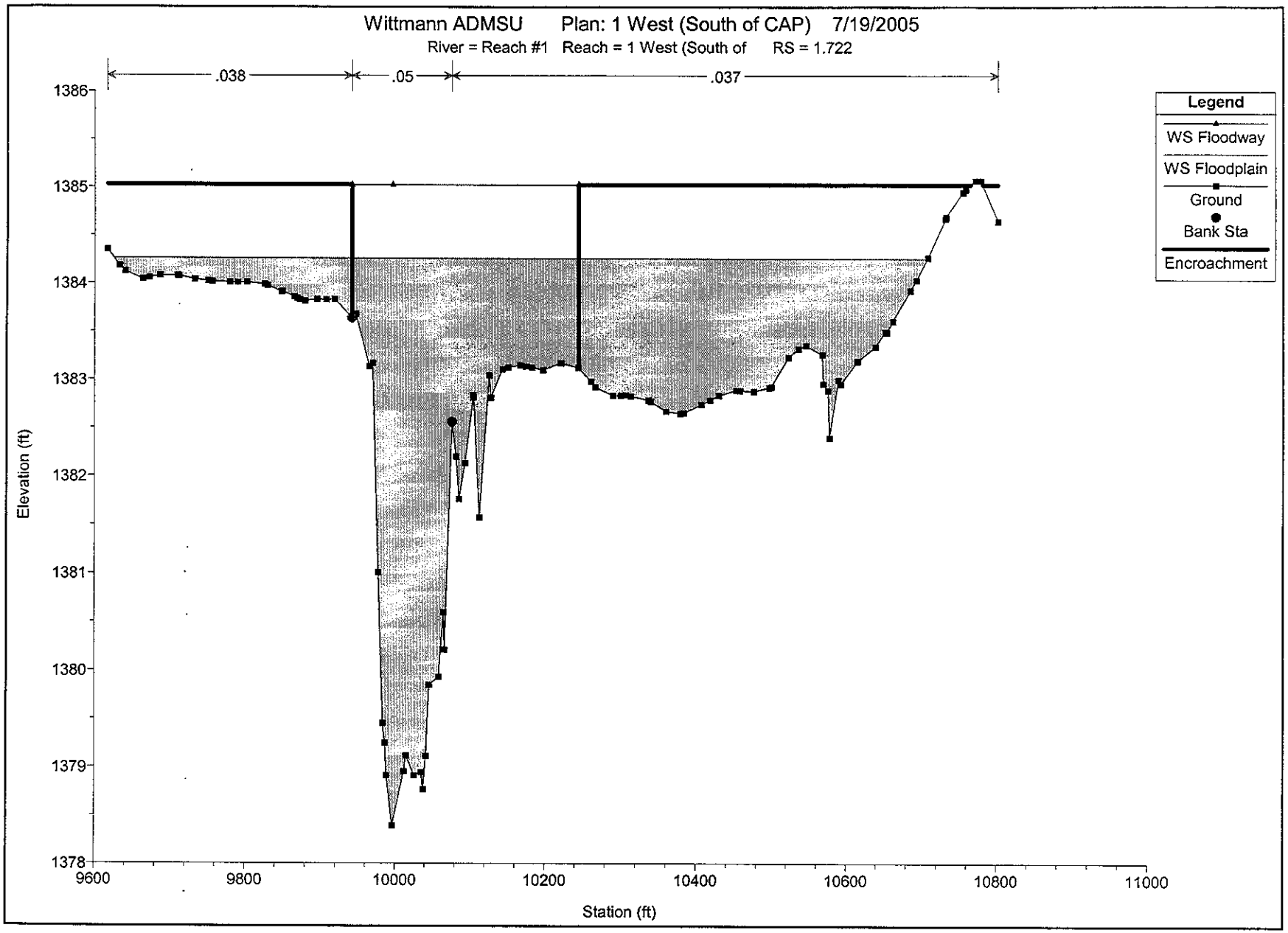

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.081
.038
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1398
1396
1394
1392
1390
1388
1386
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

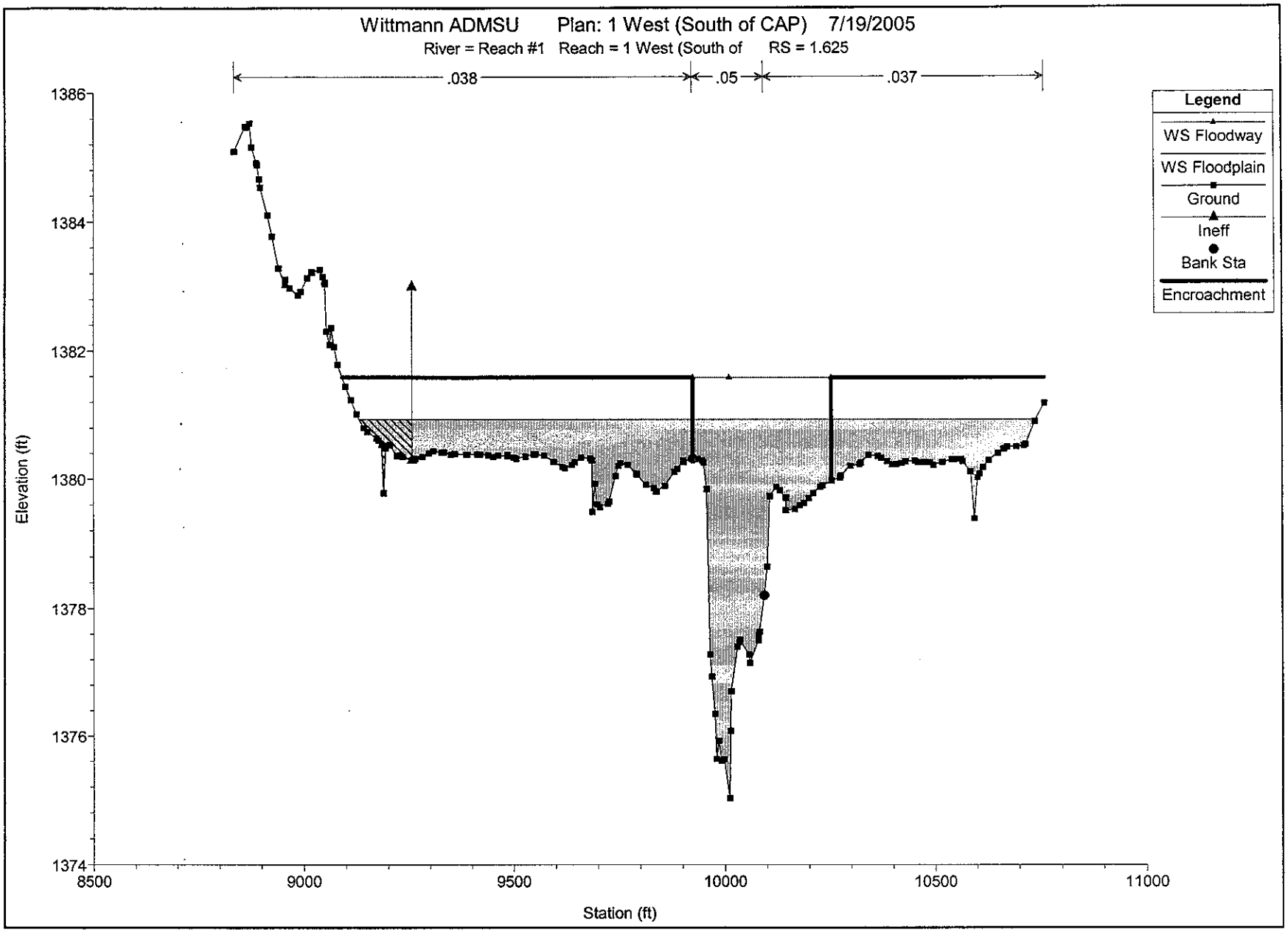

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 2.022
.038
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1398
1396
1394
1392
1390
1388
1386
9200
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

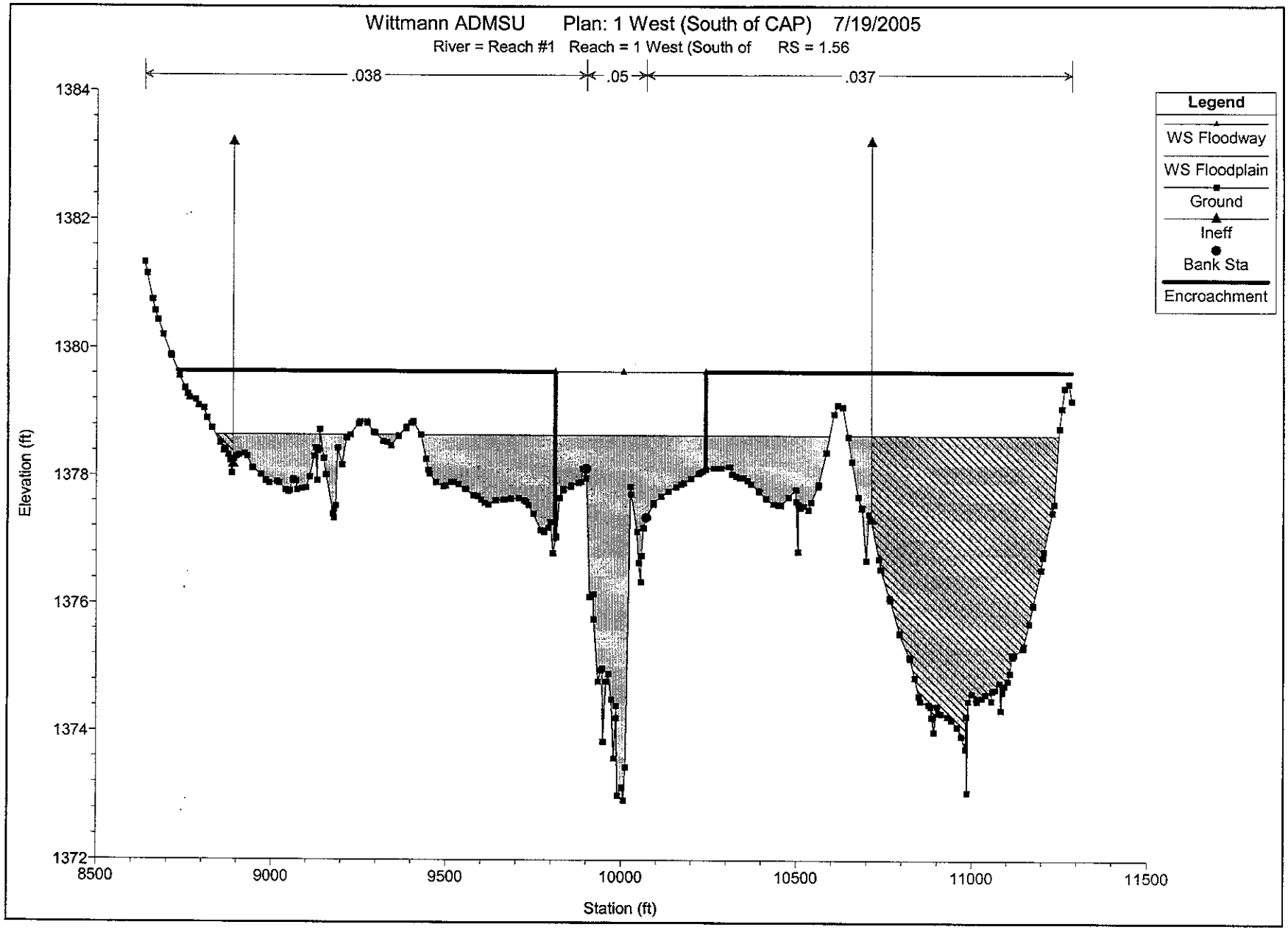

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.932
.038
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1396
1394
1392
1390
1388
1386
1384
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

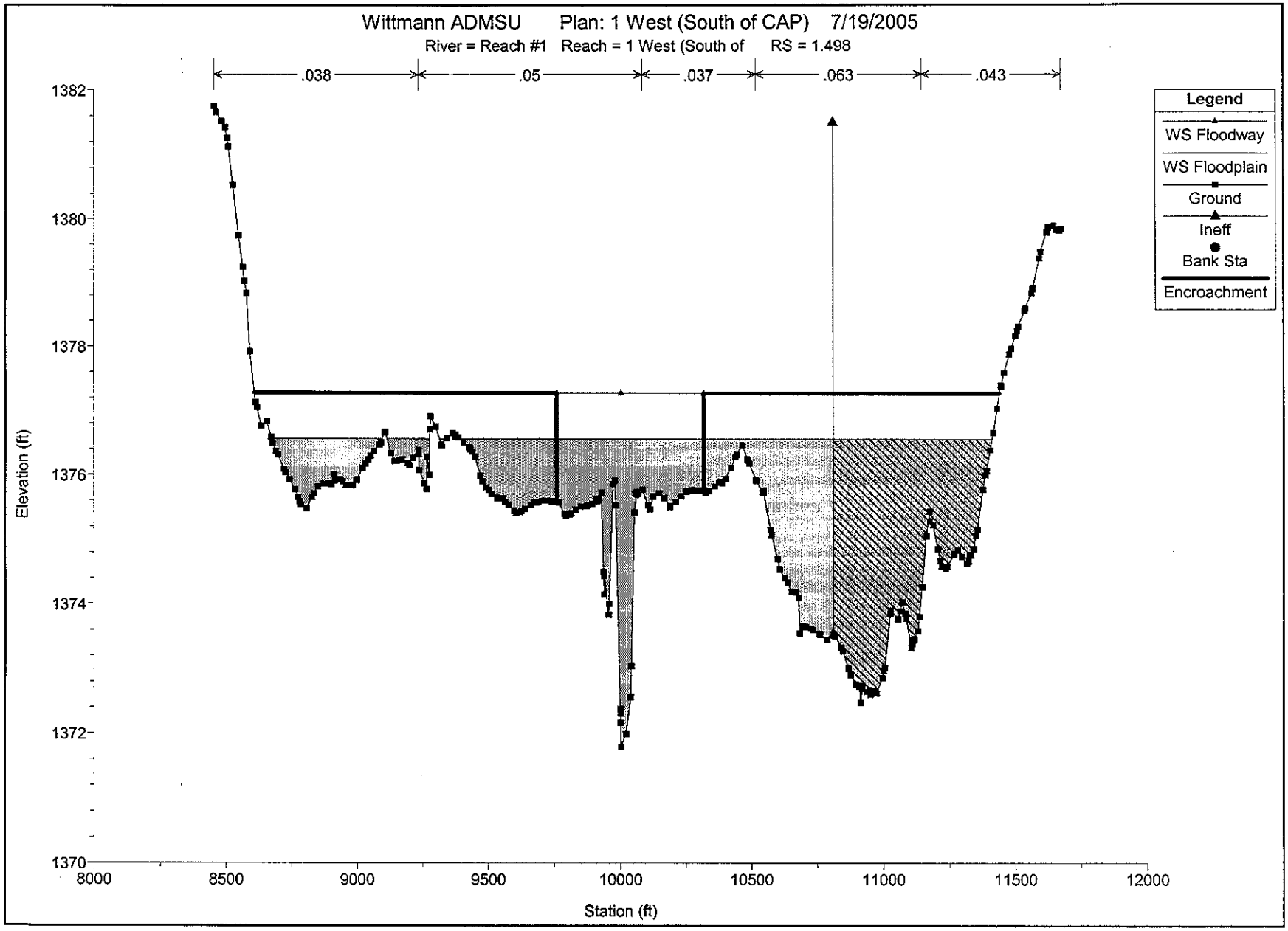

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.859
.038
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1394
1392
1390
1388
1386
1384
1382
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

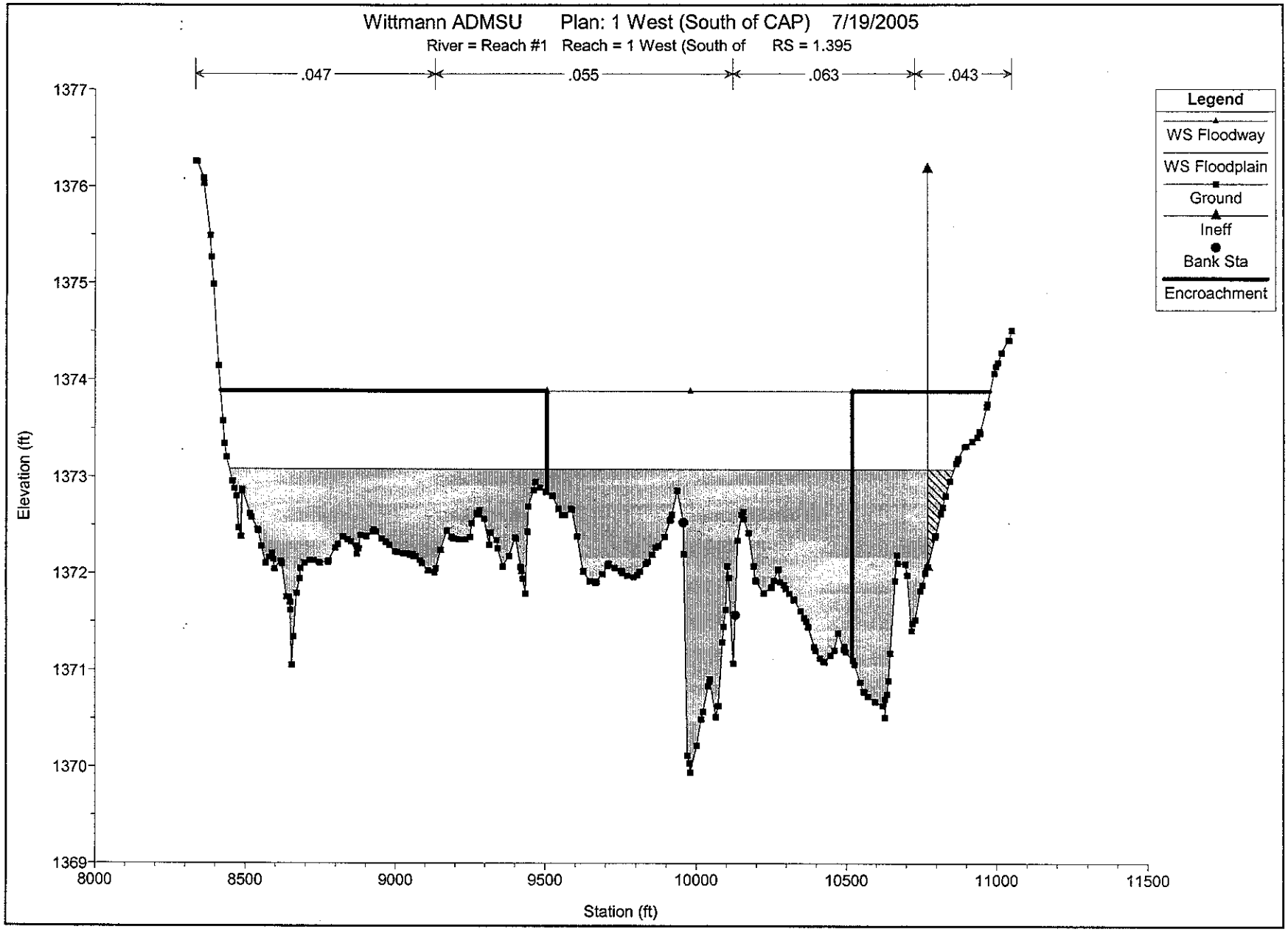

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.803
.038
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1390
1388
1386
1384
1382
1380
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

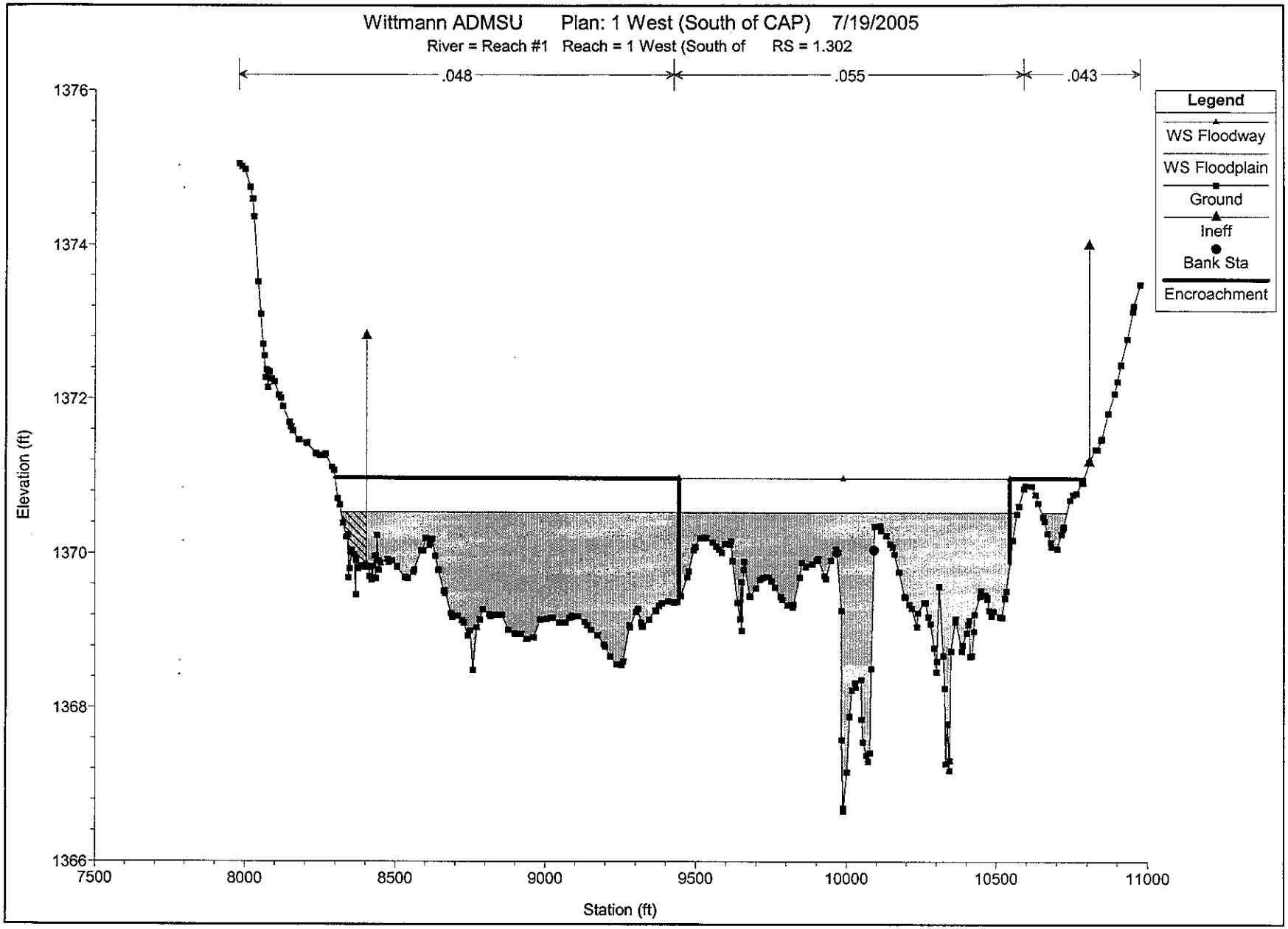

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.722
.038
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1386
1385
1384
1383
1382
1381
1380
1379
1378
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

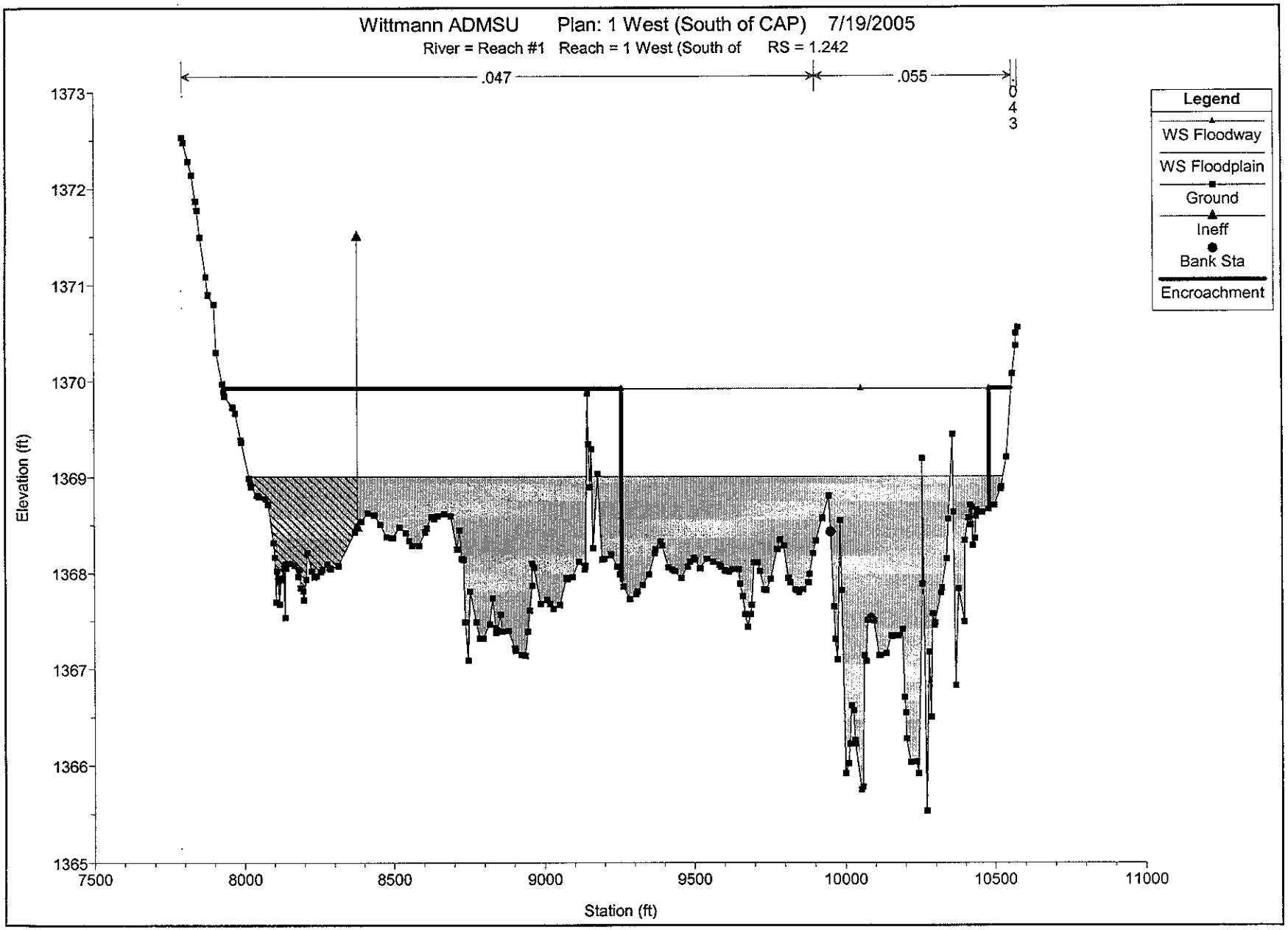

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.625
.038
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1386
1384
1382
1380
1378
1376
1374
8500
9000
9500
10000
10500
11000
Station (ft)

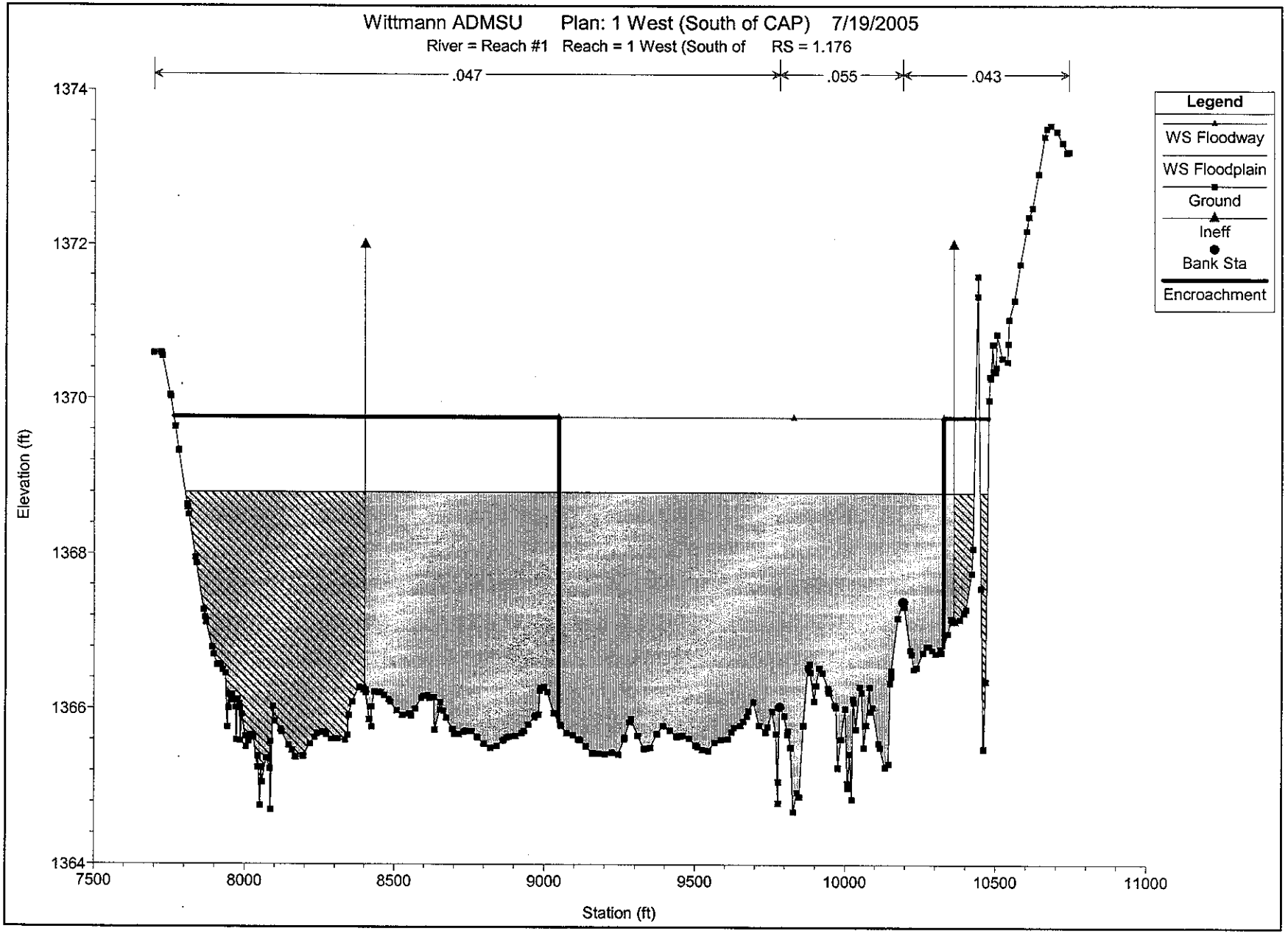

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.56
.038
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1384
1382
1380
1378
1376
1374
1372
8500
9000
9500
10000
10500
11000
11500
Station (ft)

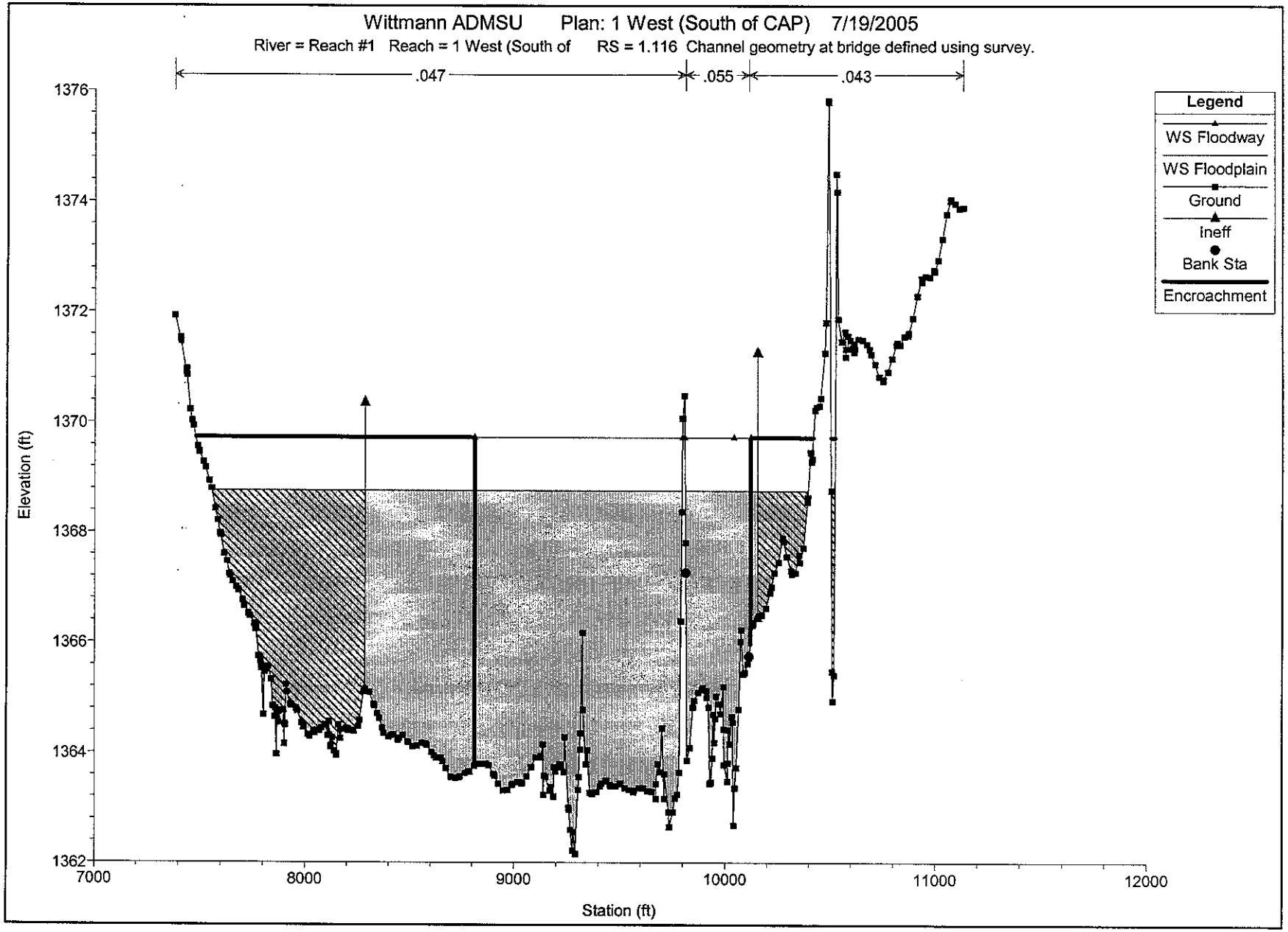

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.498
.038
.05
.037
.063
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1382
1380
1378
1376
1374
1372
1370
8000
8500
9000
9500
10000
10500
11000
11500
12000
Station (ft)

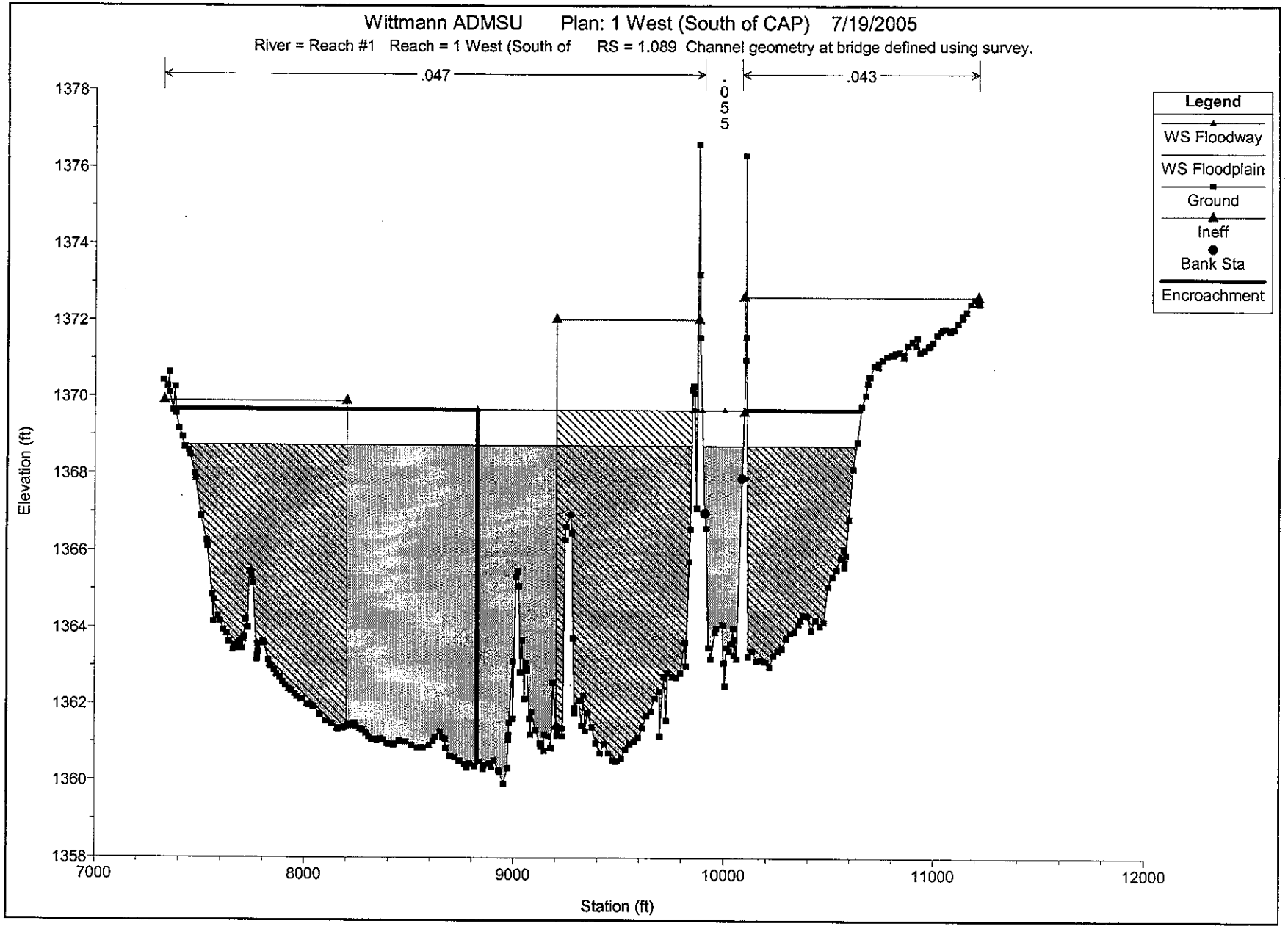

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.395
.047
.055
.063
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1377
1376
1375
1374
1373
1372
1371
1370
1369
8000
8500
9000
9500
10000
10500
11000
11500
Station (ft)

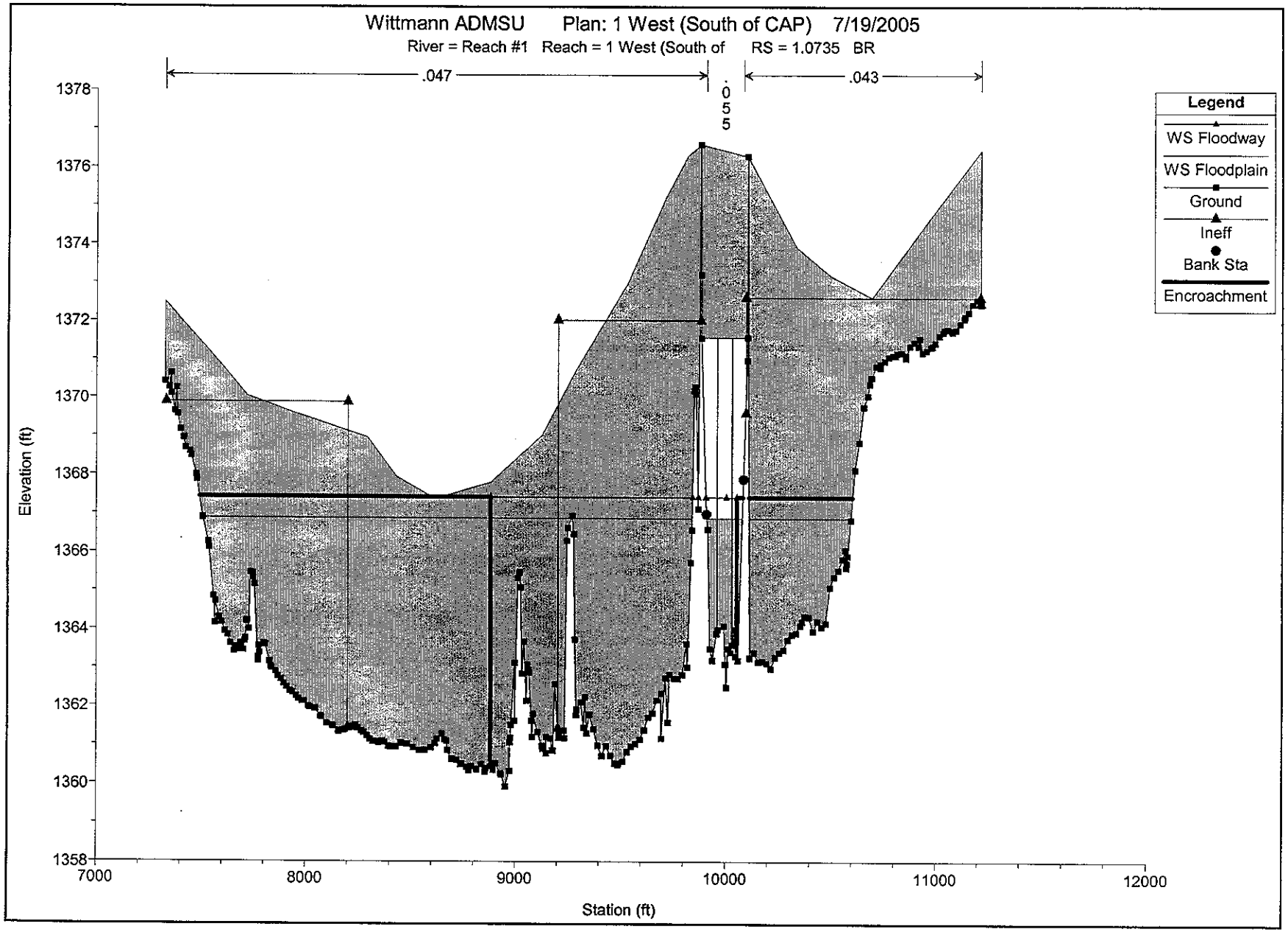

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.302
.048
.055
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1376
1374
1372
1370
1368
1366
7500
8000
8500
9000
9500
10000
10500
11000
Station (ft)

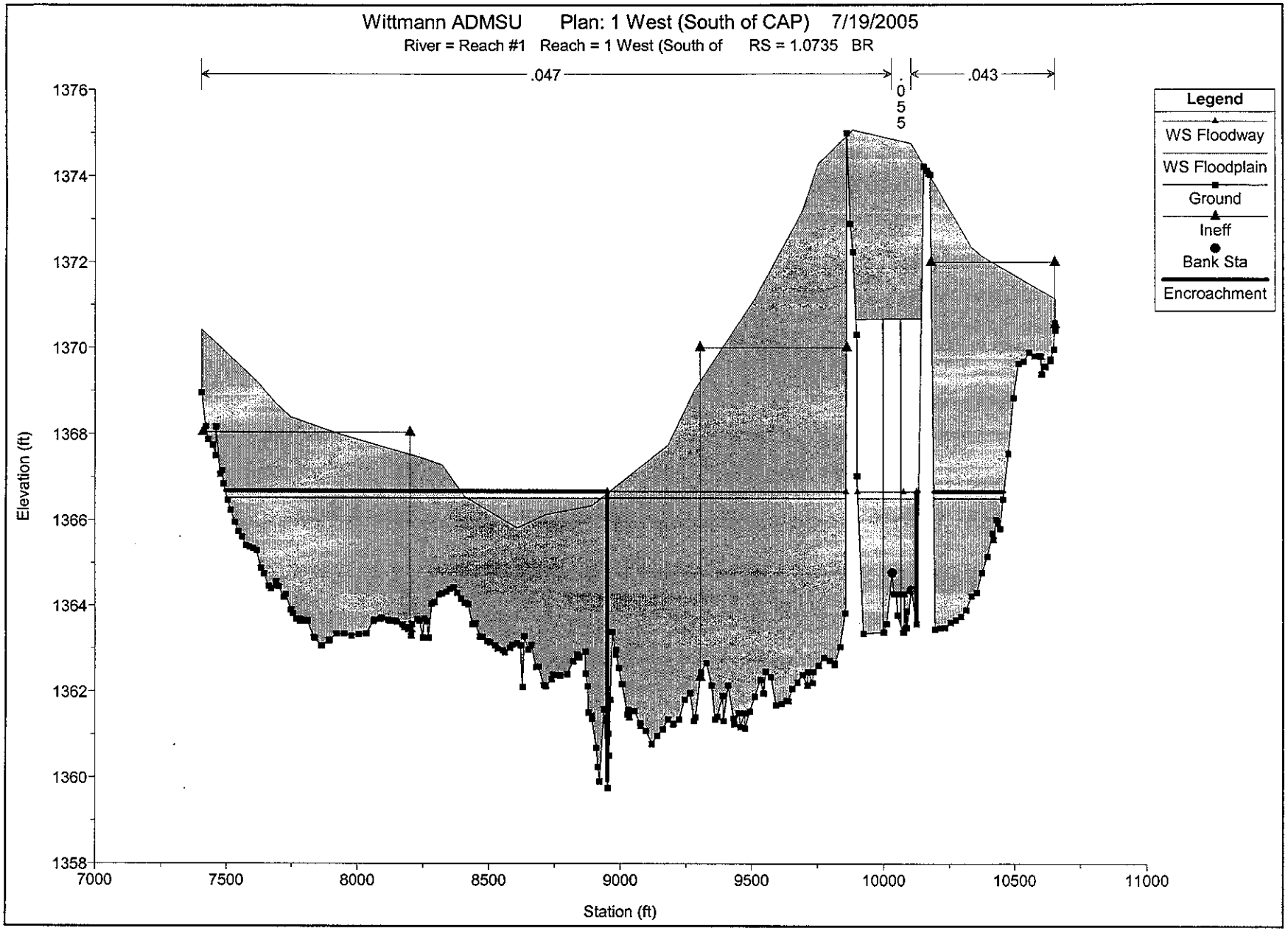

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.242
.047
.055
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1373
1372
1371
1370
1369
1368
1367
1366
1365
7500
8000
8500
9000
9500
10000
10500
11000
Station (ft)

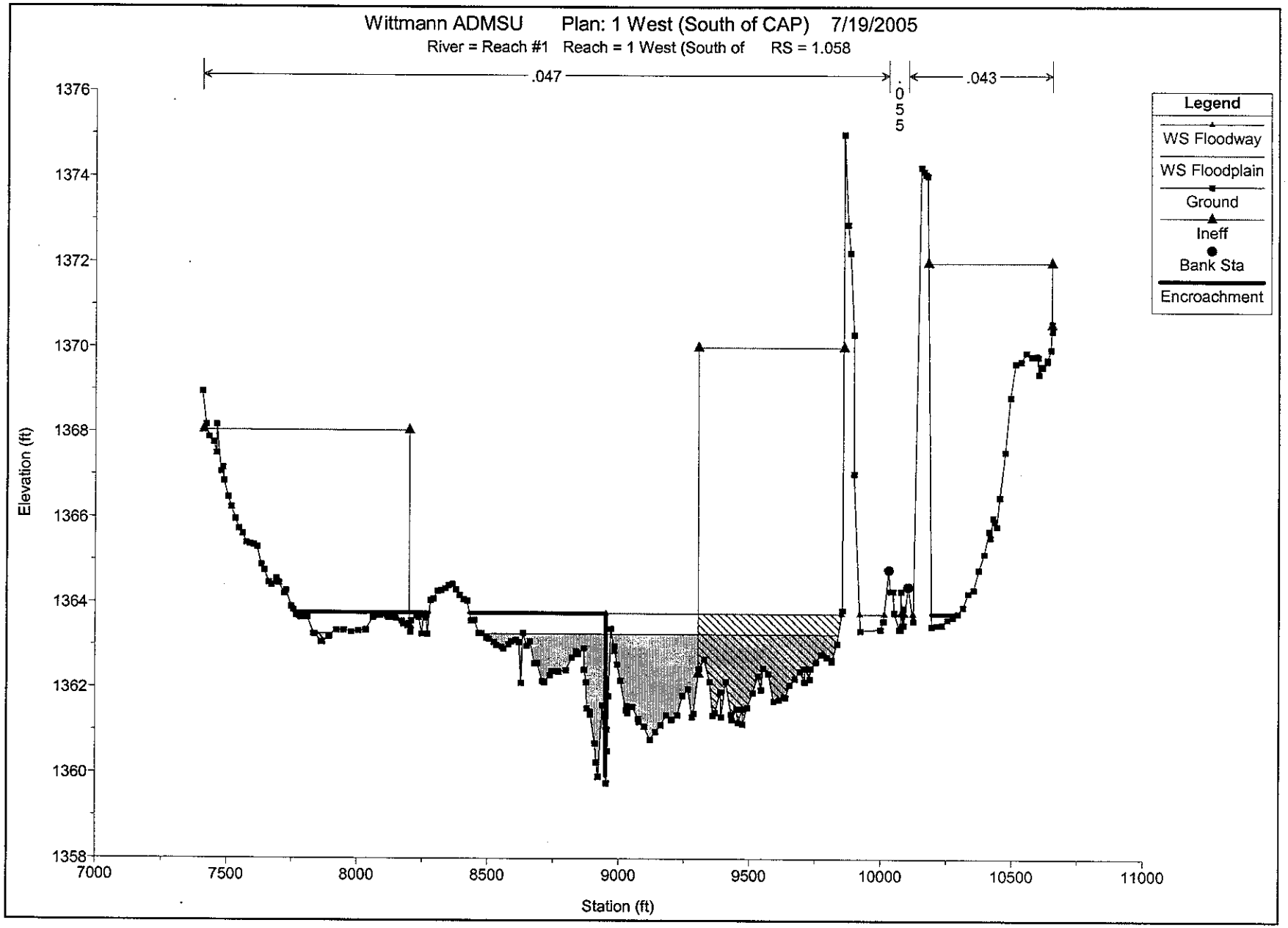

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.176
.047
.055
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1374
1372
1370
1368
1366
1364
7500
8000
8500
9000
9500
10000
10500
11000
Station (ft)

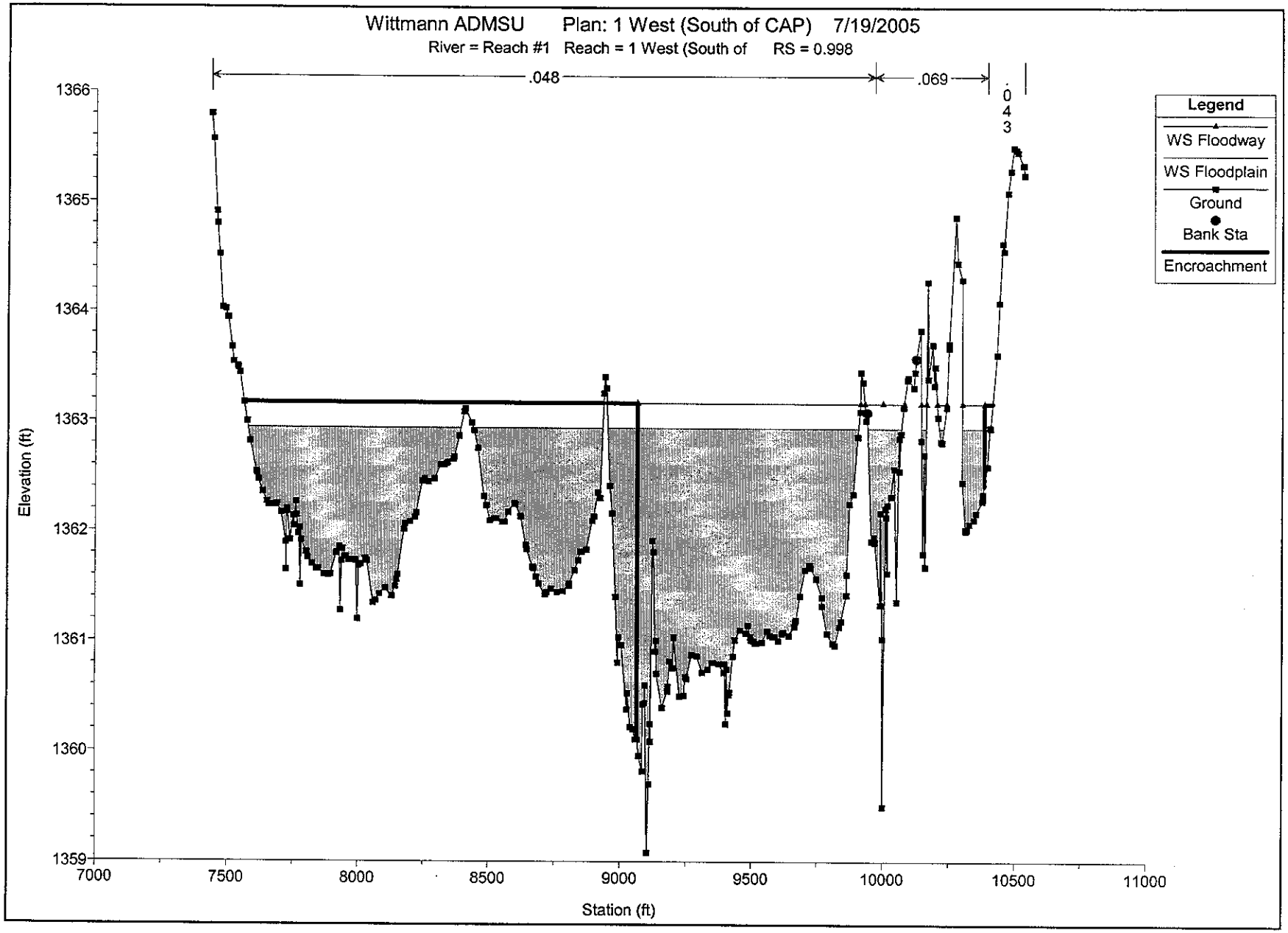

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.116 Channel geometry at bridge defined using survey.
.047
.055
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1376
1374
1372
1370
1368
1366
1364
1362
7000
8000
9000
10000
11000
12000
Station (ft)

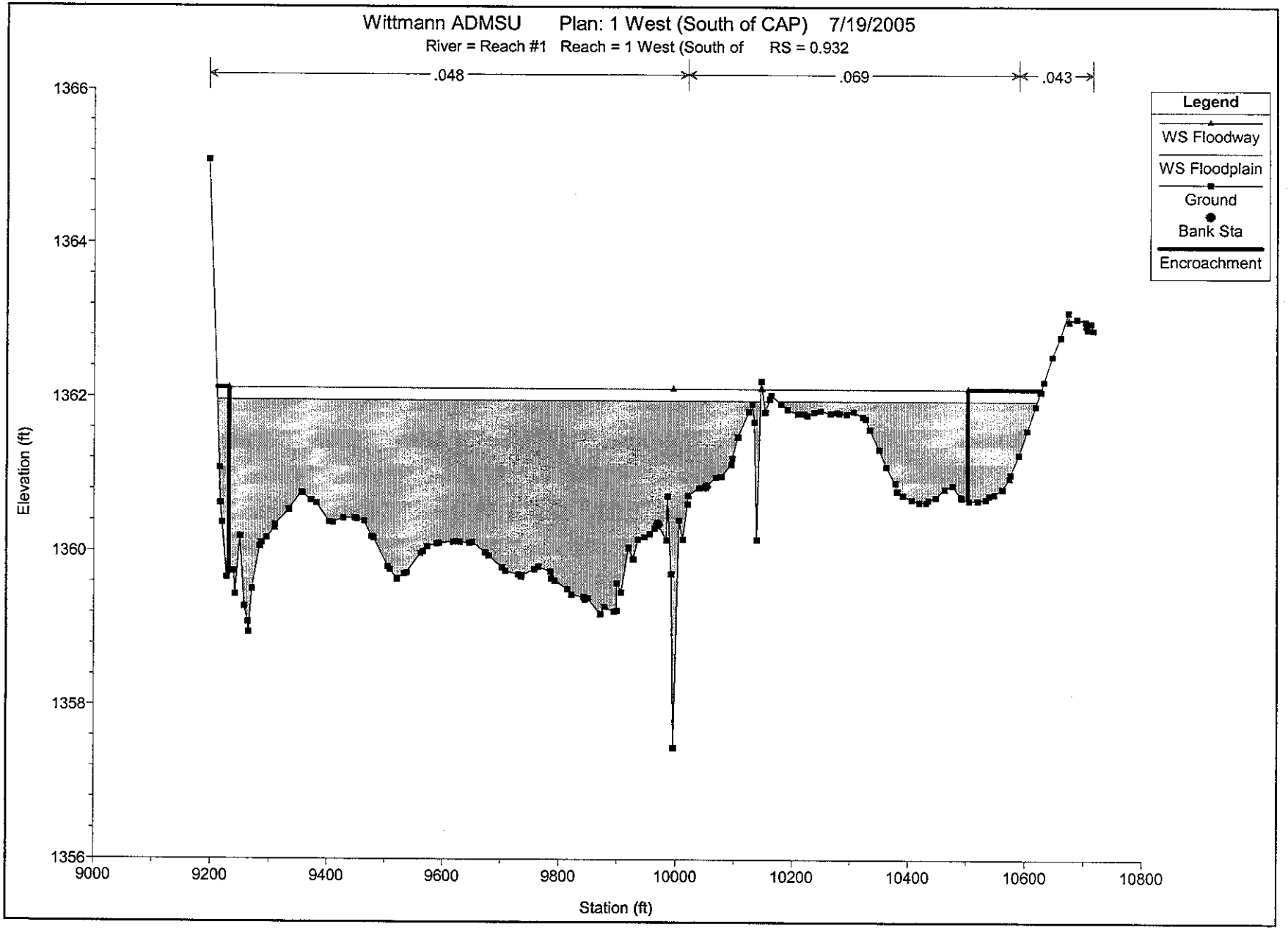

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.089 Channel geometry at bridge defined using survey.
.047
.055
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1378
1376
1374
1372
1370
1368
1366
1364
1362
1360
1358
7000
8000
9000
10000
11000
12000
Station (ft)

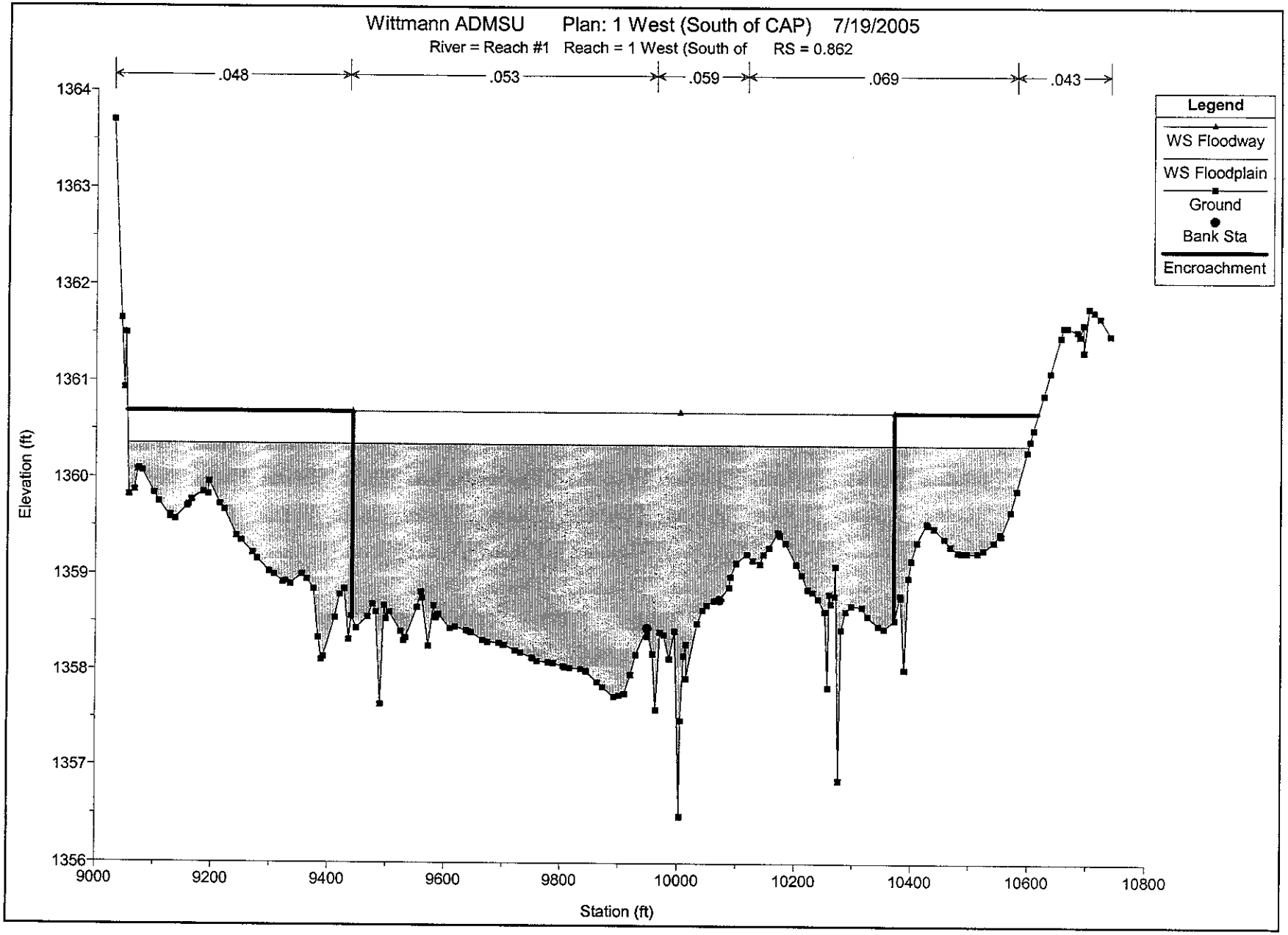

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.0735 BR
.047
.055
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1378
1376
1374
1372
1370
1368
1366
1364
1362
1360
1358
7000
8000
9000
10000
11000
12000
Station (ft)

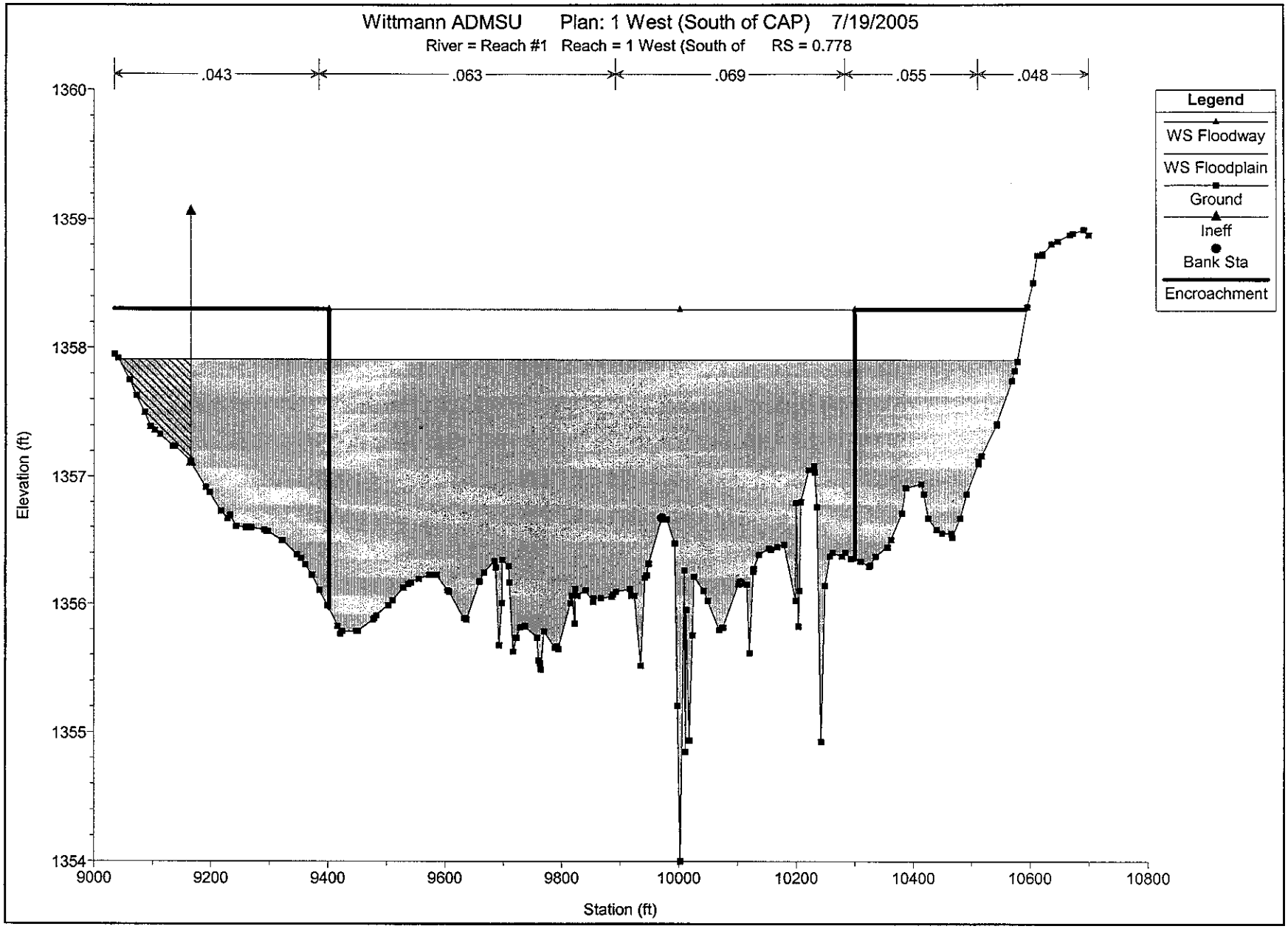

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.0735 BR
.047
.055
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1376
1374
1372
1370
1368
1366
1364
1362
1360
1358
7000
7500
8000
8500
9000
9500
10000
10500
11000
Station (ft)

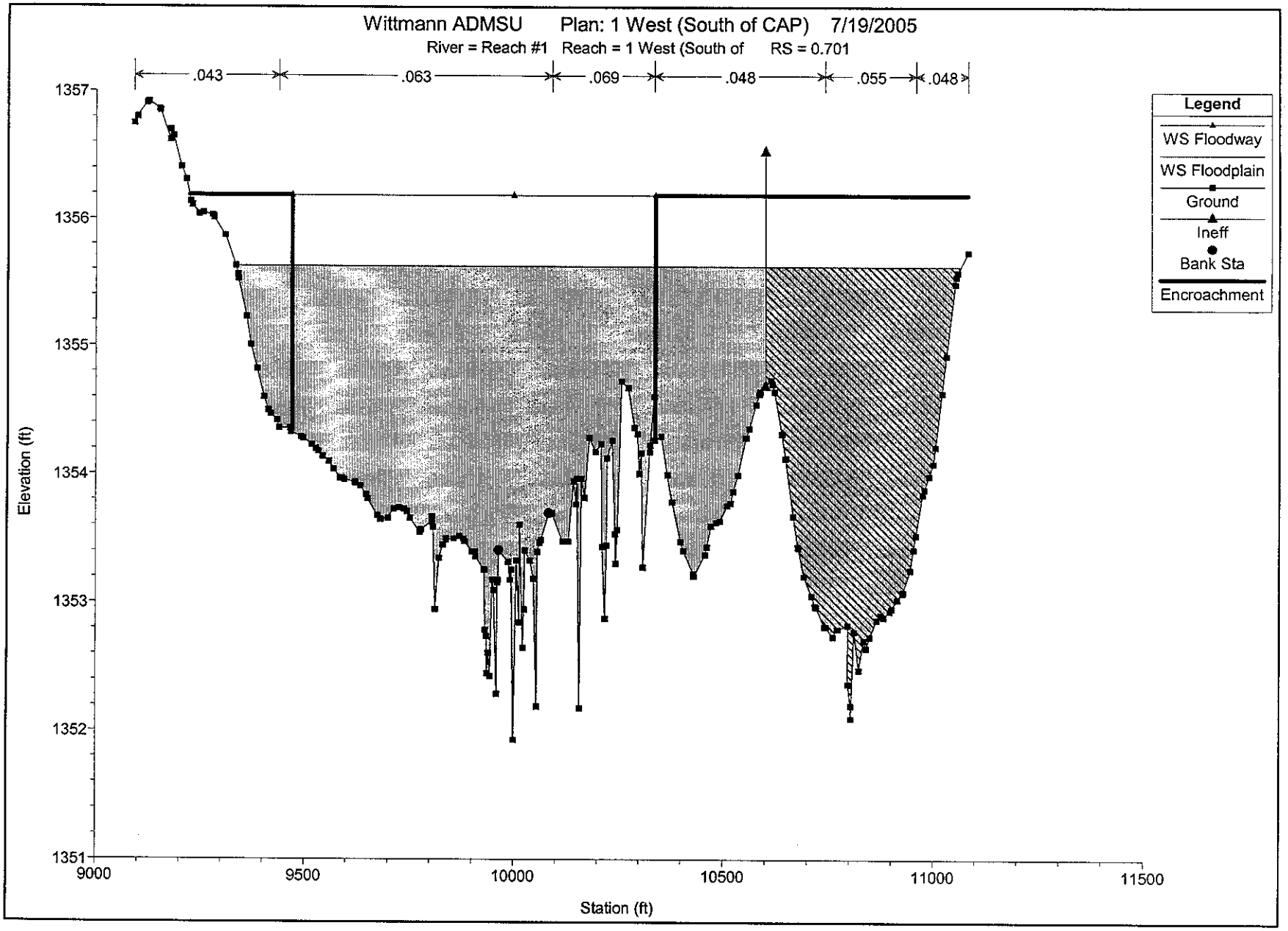

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 1.058
.047
.055
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1376
1374
1372
1370
1368
1366
1364
1362
1360
1358
7000
7500
8000
8500
9000
9500
10000
10500
11000
Station (ft)

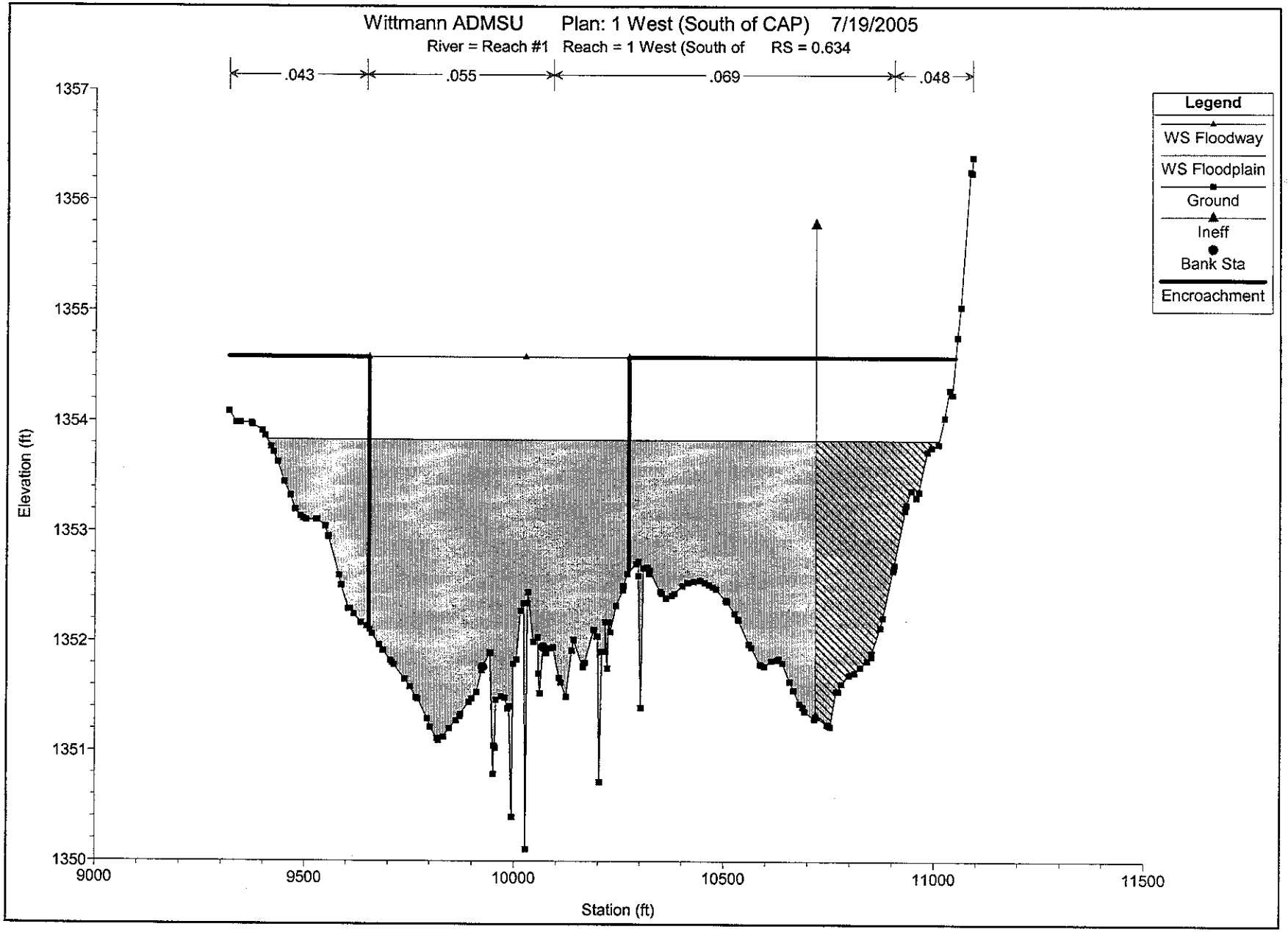

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.998
.048
.069
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1366
1365
1364
1363
1362
1361
1360
1359
7000
7500
8000
8500
9000
9500
10000
10500
11000
Station (ft)

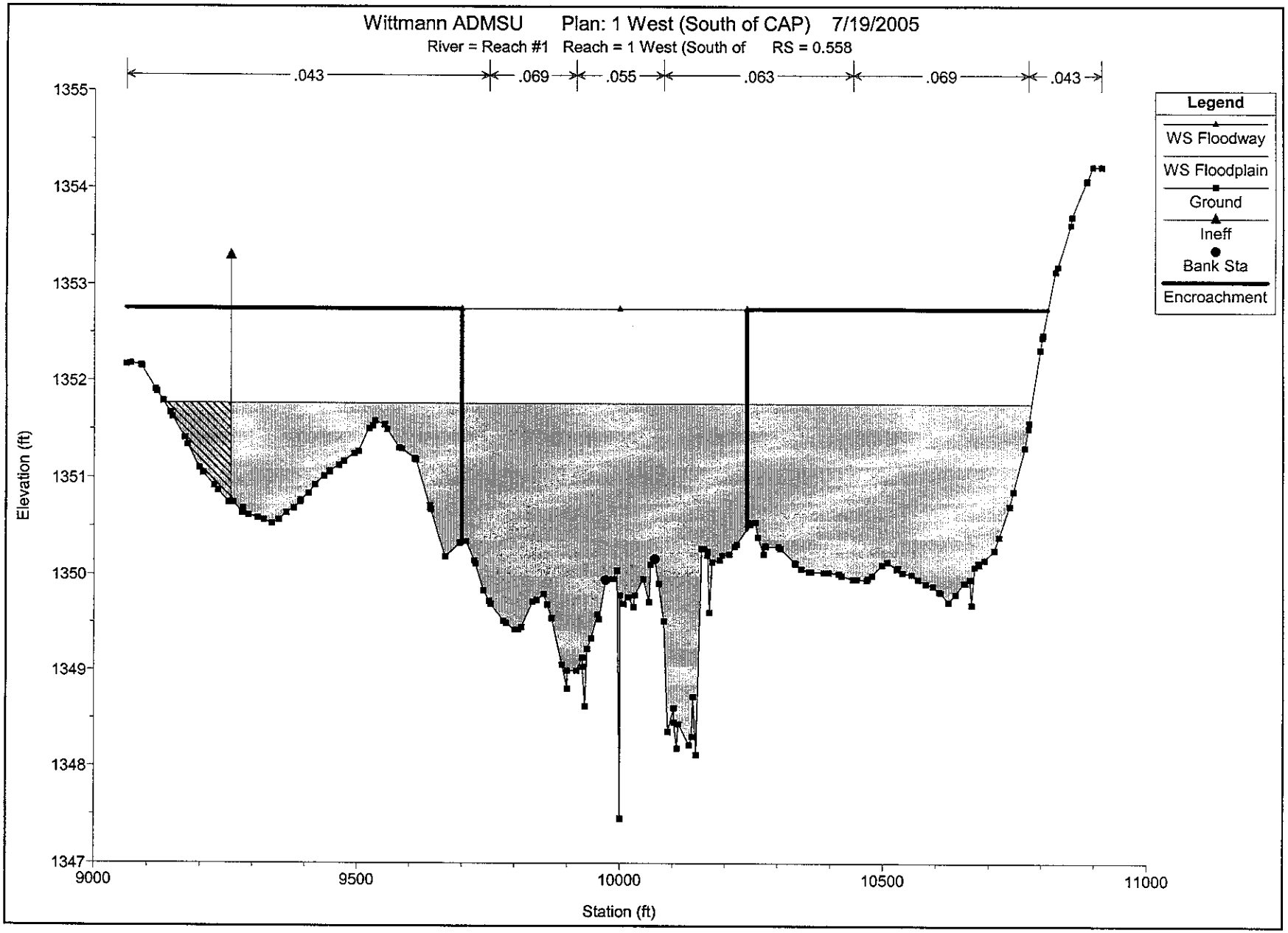

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.932
.048
.069
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1366
1364
1362
1360
1358
1356
9000
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

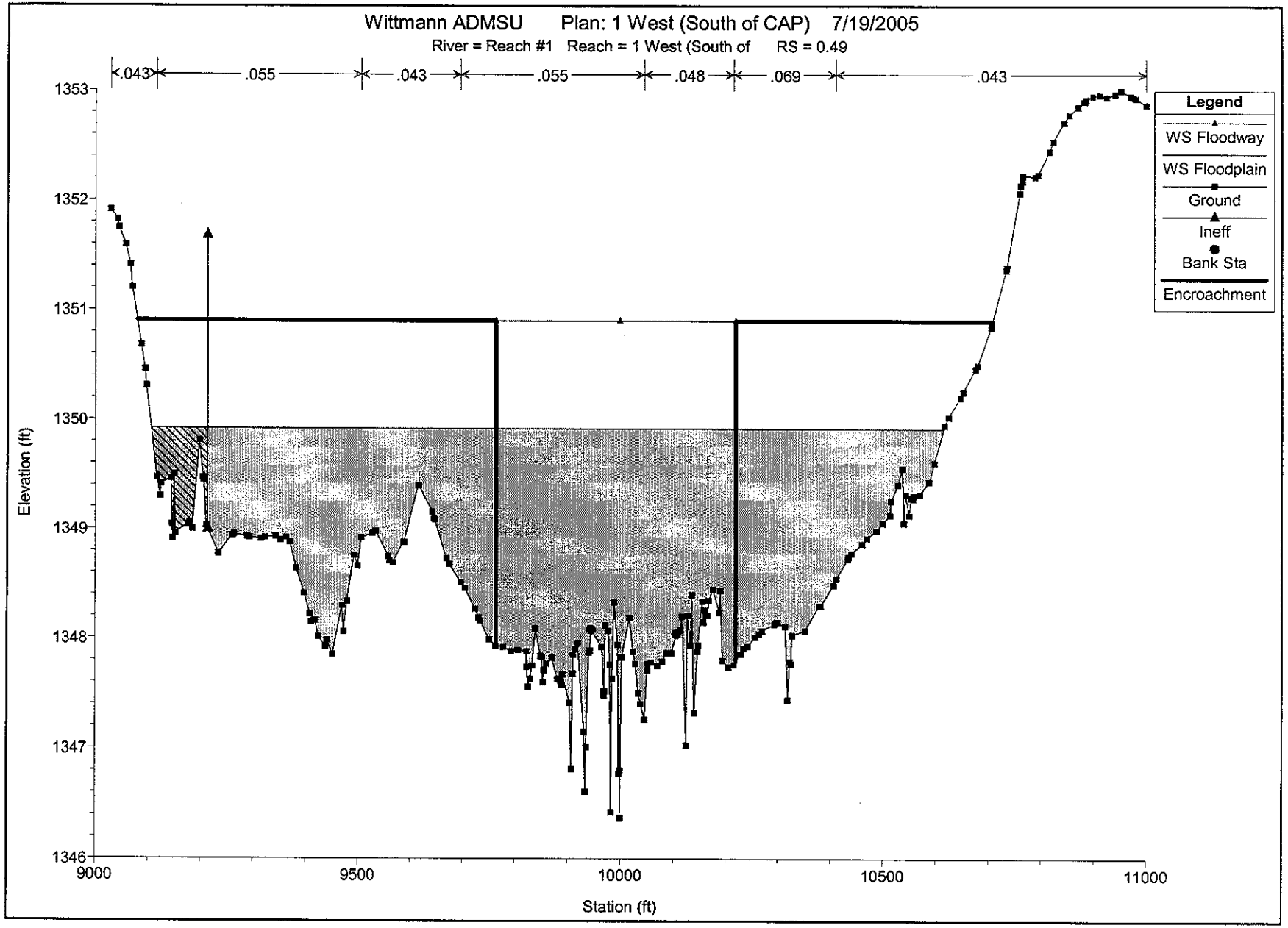

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.862
.048
.053
.059
.069
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1364
1363
1362
1361
1360
1359
1358
1357
1356
9000
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

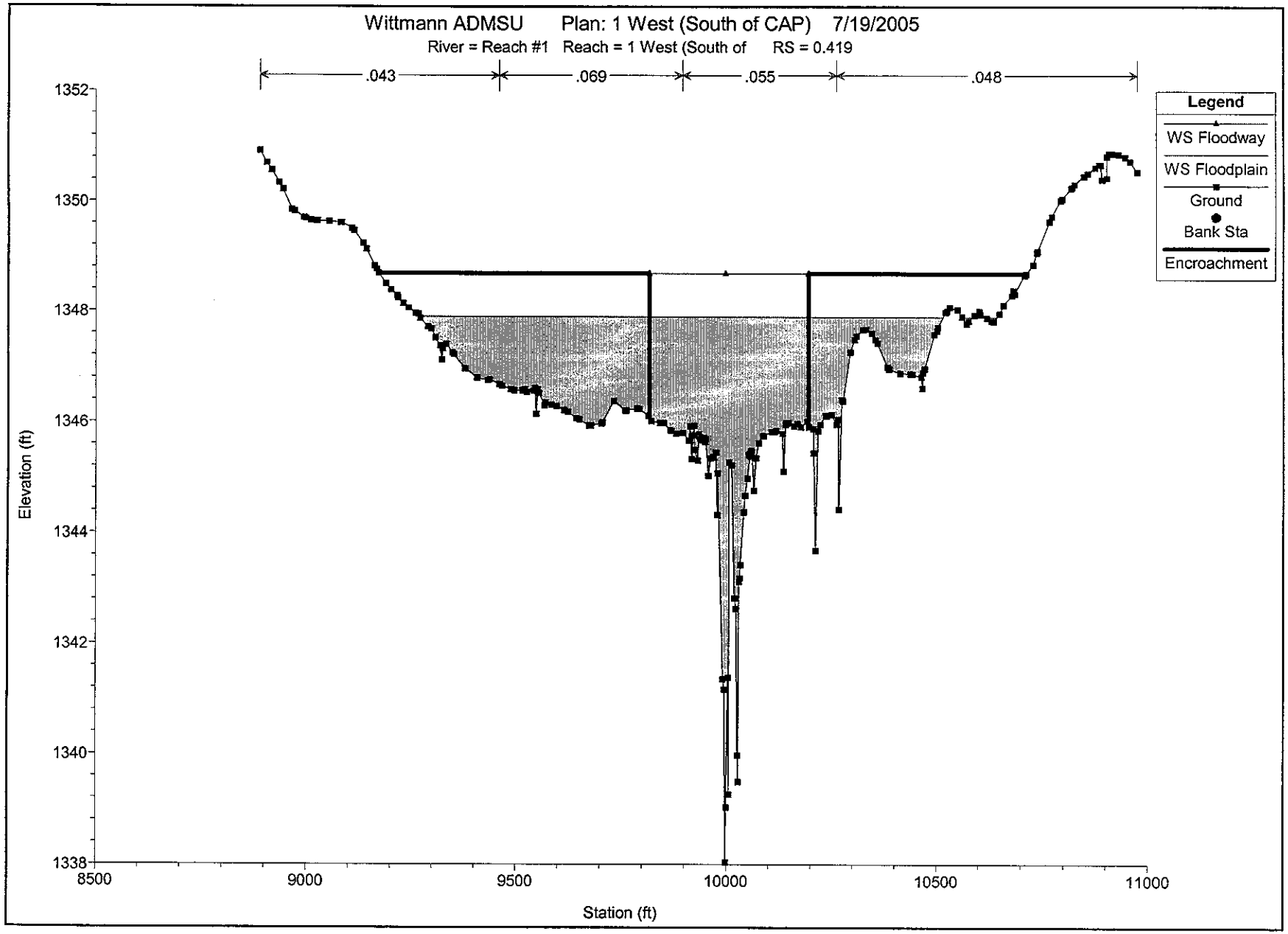

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.778
.043
.063
.069
.055
.048
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1360
1359
1358
1357
1356
1355
1354
9000
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

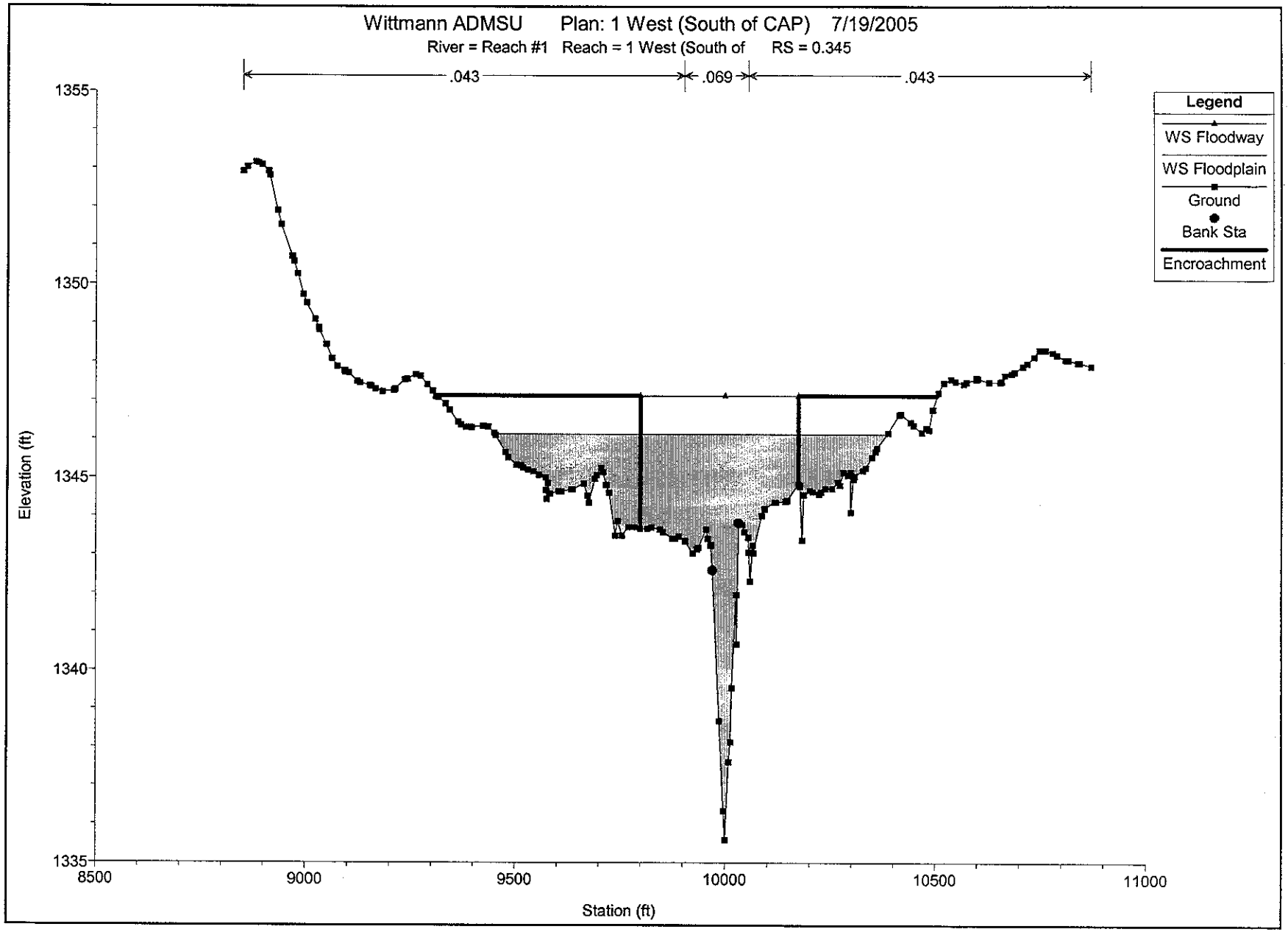

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.701
.043
.063
.069
.048
.055
.048
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1357
1356
1355
1354
1353
1352
1351
9000
9500
10000
10500
11000
11500
Station (ft)

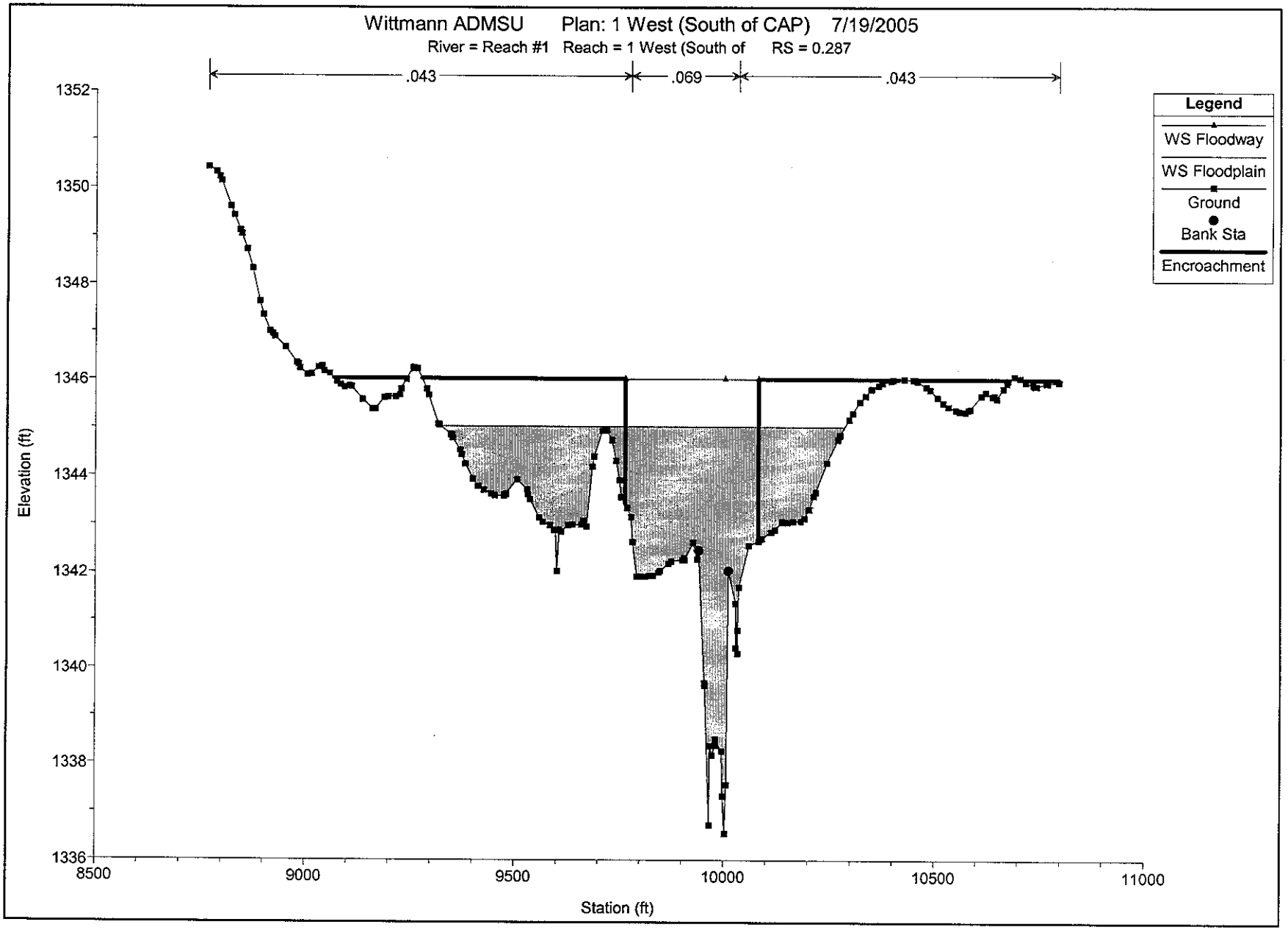

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.634
.043
.055
.069
.048
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1357
1356
1355
1354
1353
1352
1351
1350
9000
9500
10000
10500
11000
11500
Station (ft)

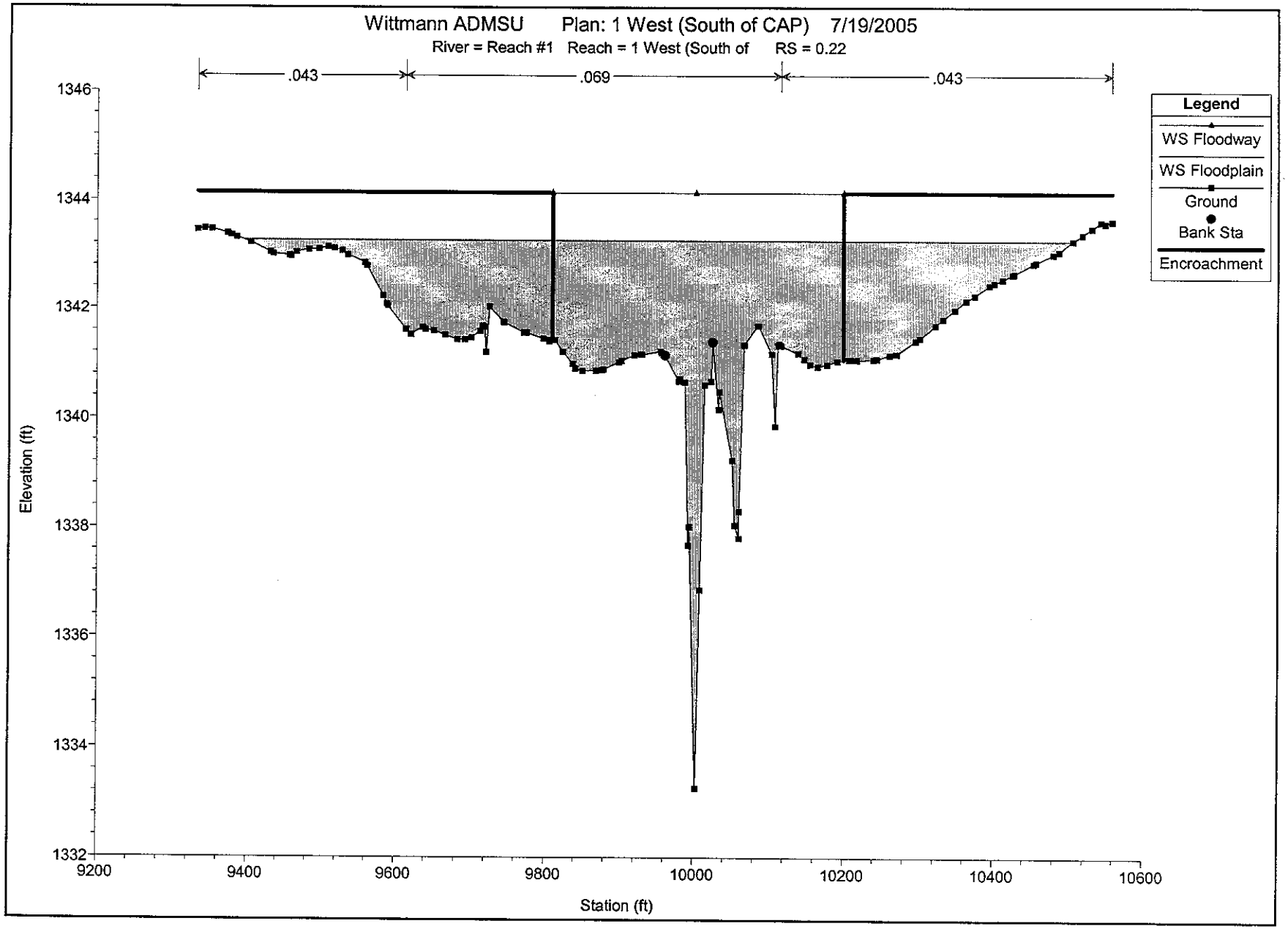

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.558
.043
.069
.055
.063
.069
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1355
1354
1353
1352
1351
1350
1349
1348
1347
9000
9500
10000
10500
11000
Station (ft)

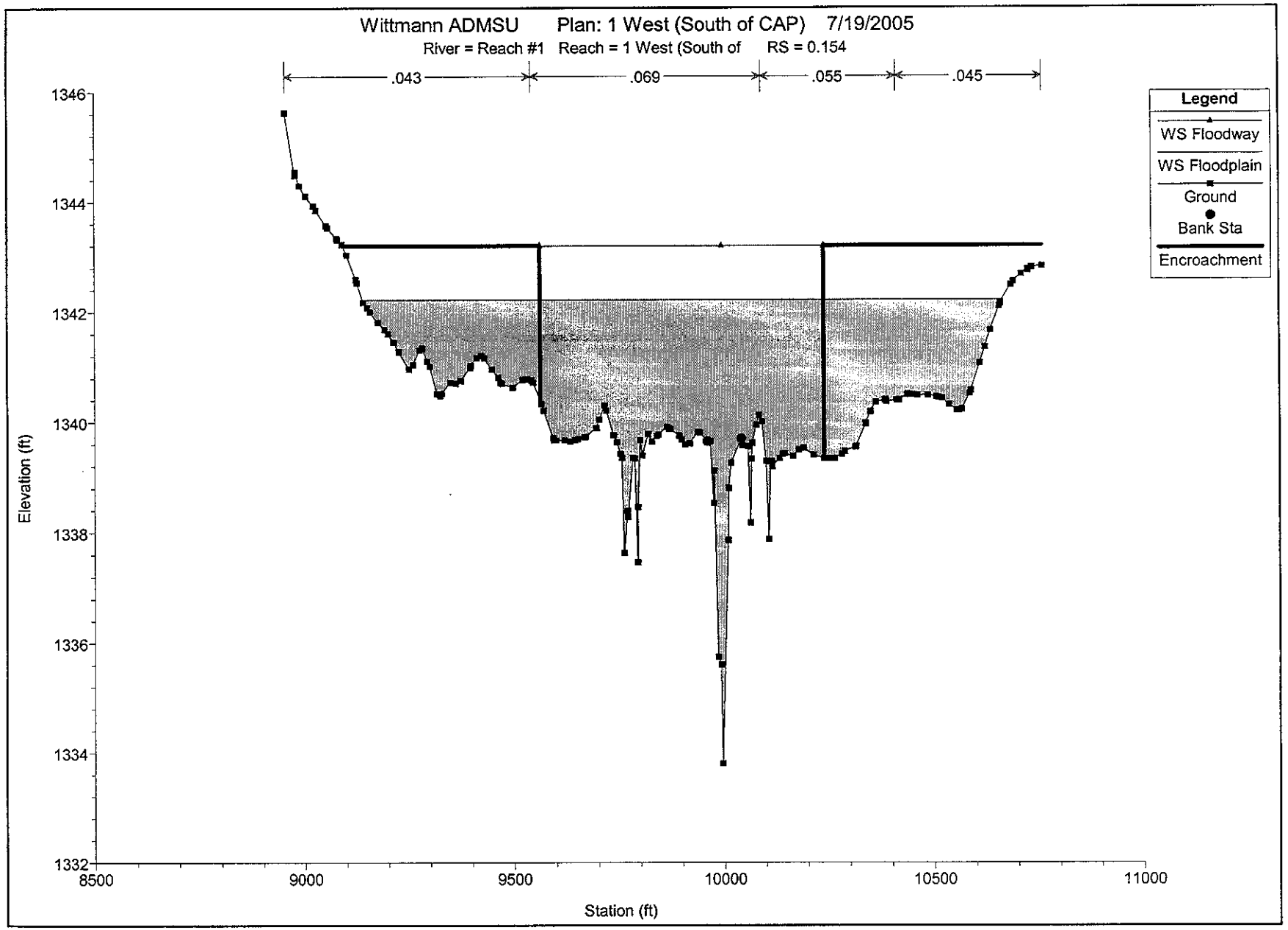

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.49
.043
.055
.043
.055
.048
.069
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1353
1352
1351
1350
1349
1348
1347
1346
9000
9500
10000
10500
11000
Station (ft)


Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.419
.043
.069
.055
.048
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1352
1350
1348
1346
1344
1342
1340
1338
8500
9000
9500
10000
10500
11000
Station (ft)

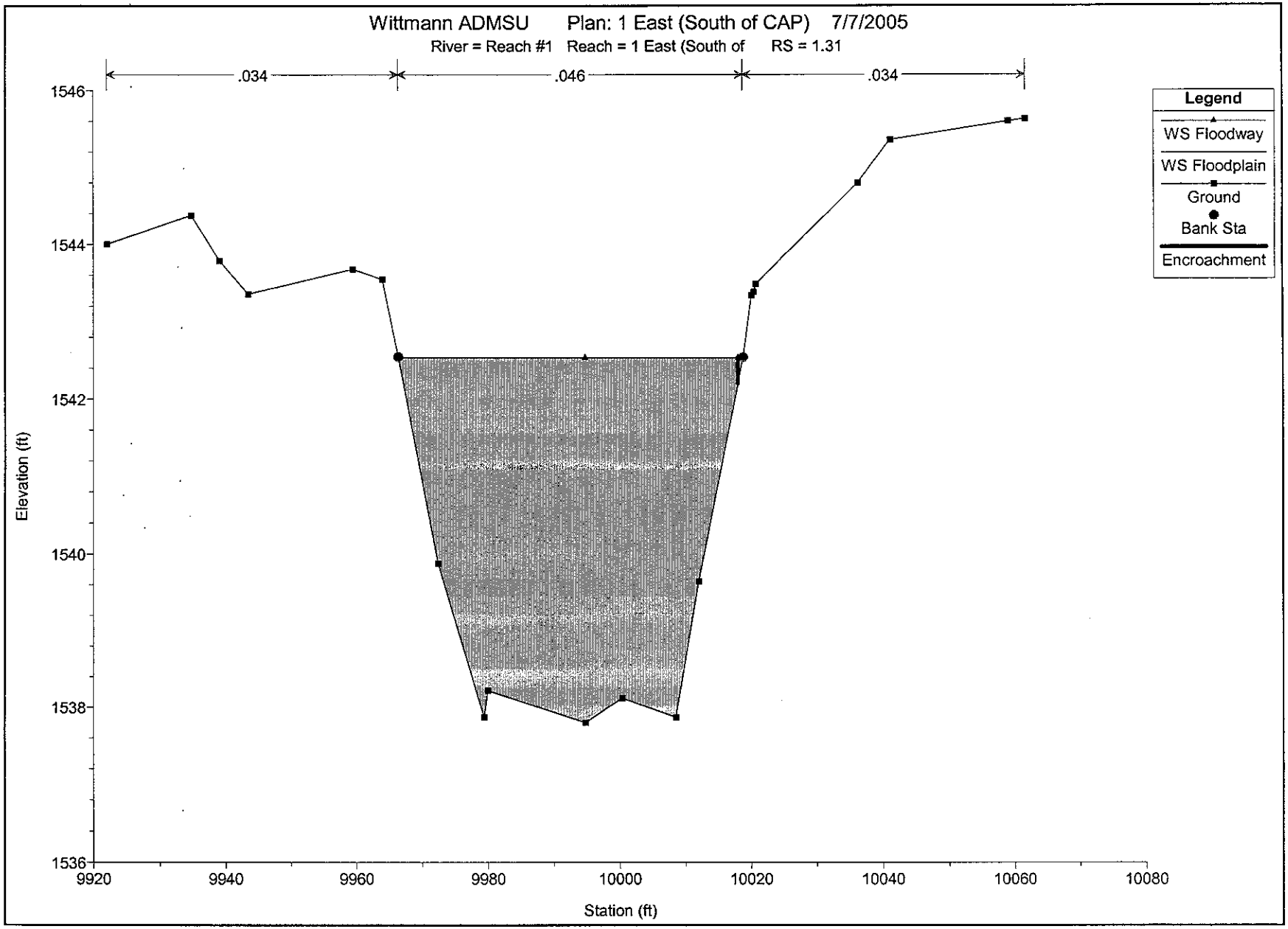

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.345
.043
.069
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1355
1350
1345
1340
1335
8500
9000
9500
10000
10500
11000
Station (ft)

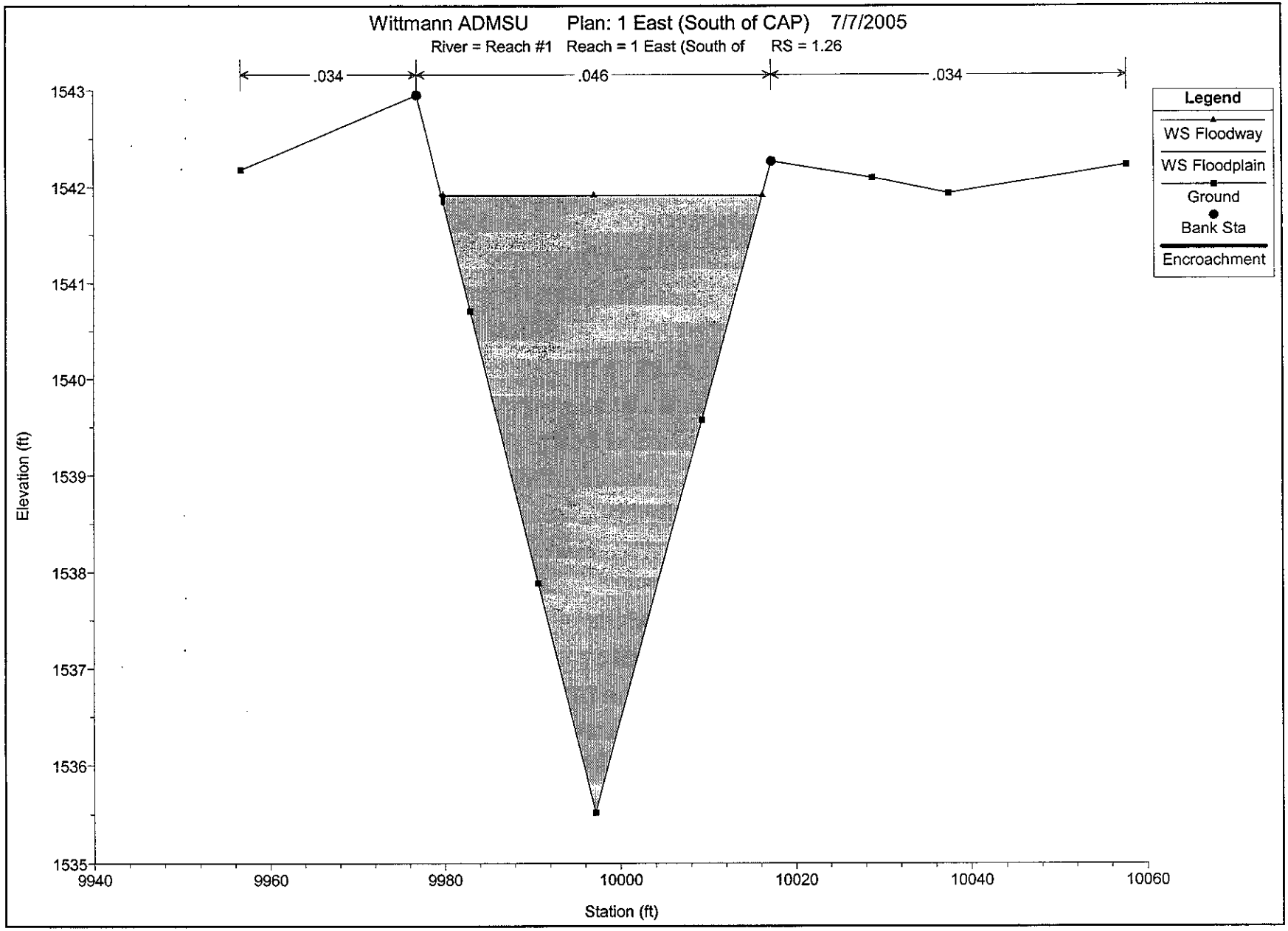

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.287
.043
.069
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1352
1350
1348
1346
1344
1342
1340
1338
1336
8500
9000
9500
10000
10500
11000
Station (ft)

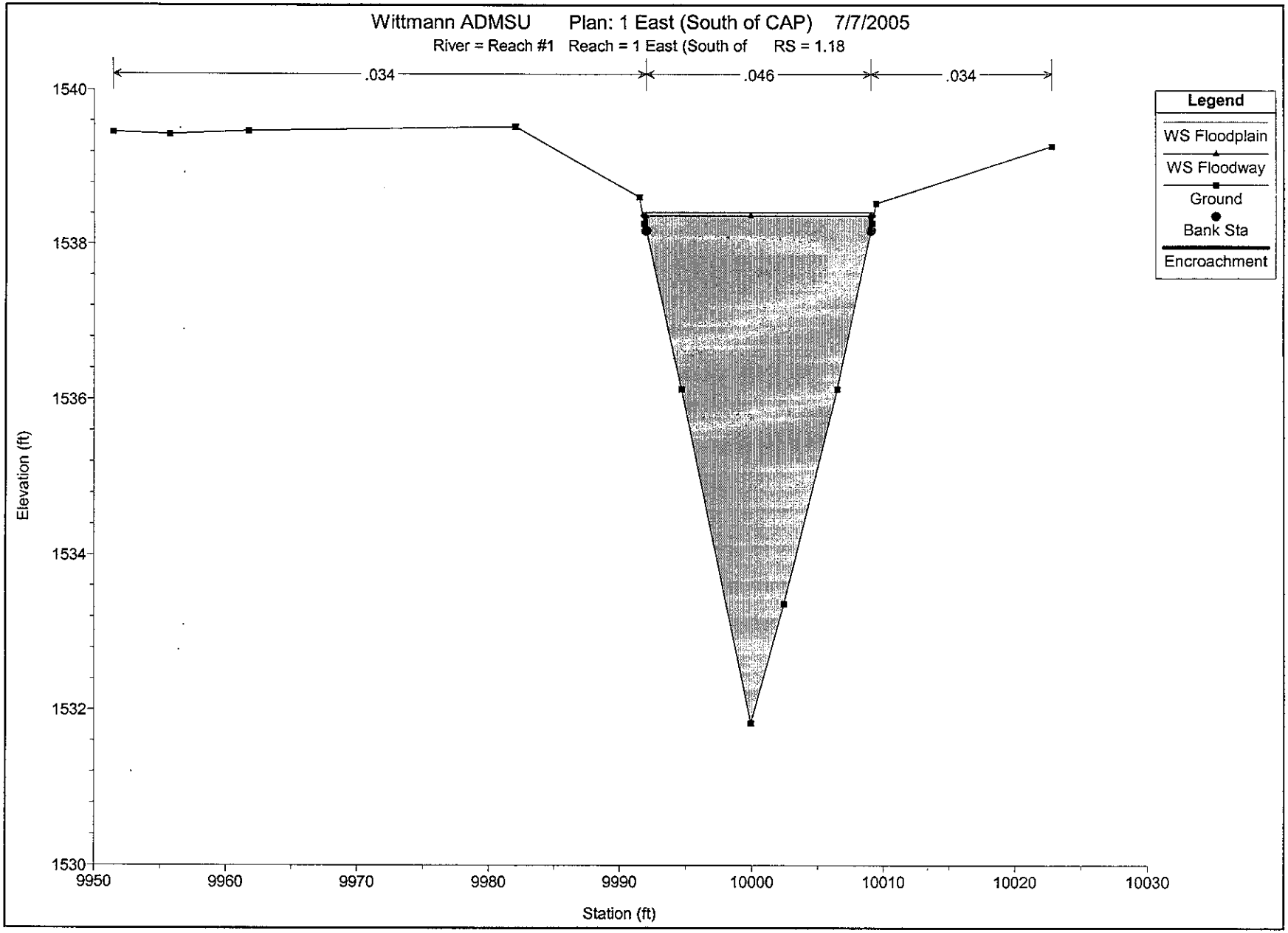

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.22
.043
.069
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1346
1344
1342
1340
1338
1336
1334
1332
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

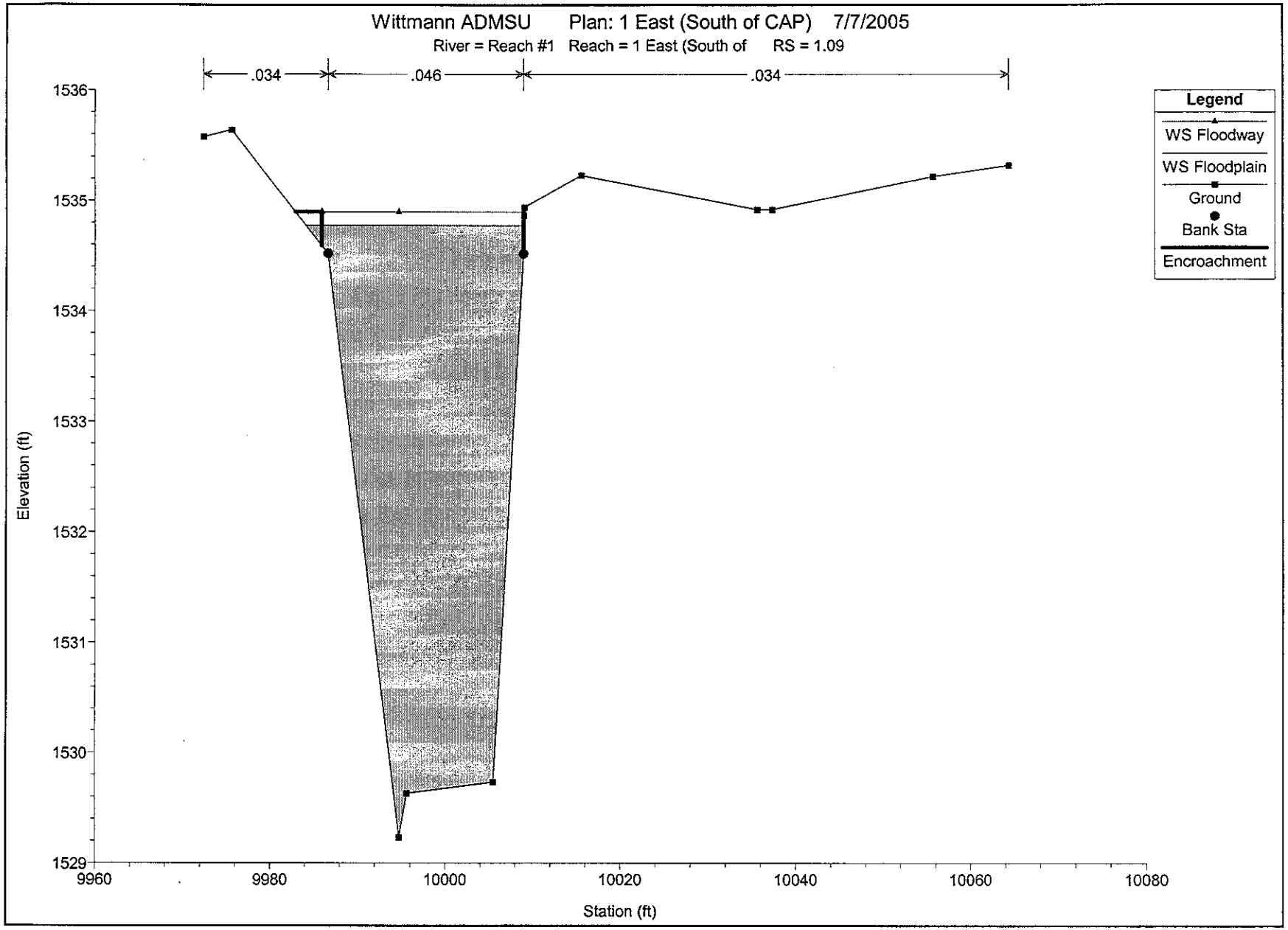

Wittmann ADMSU Plan: 1 West (South of CAP) 7/19/2005
River = Reach #1 Reach = 1 West (South of RS = 0.154
.043
.069
.055
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1346
1344
1342
1340
1338
1336
1334
1332
8500
9000
9500
10000
10500
11000
Station (ft)

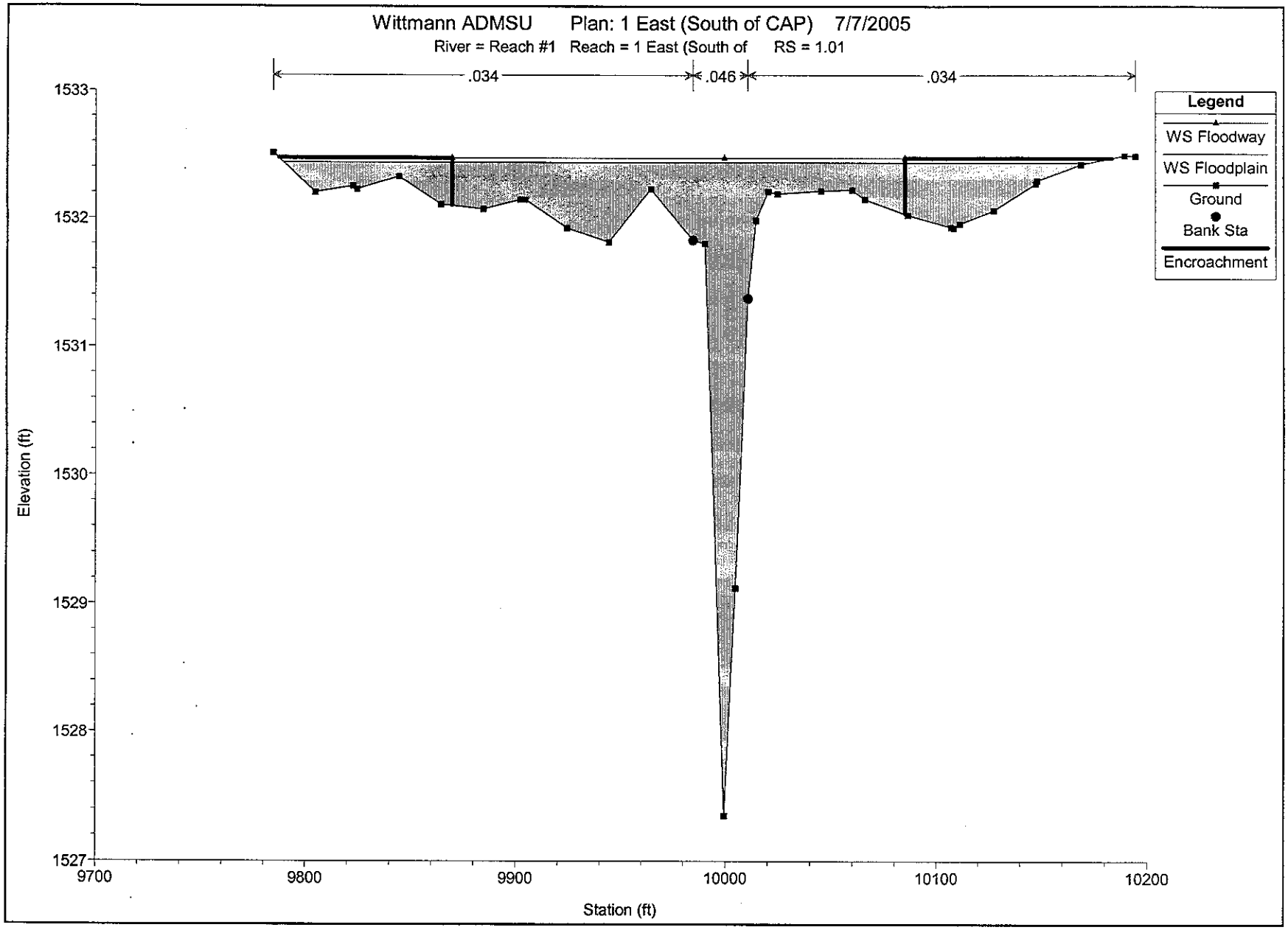
1 EAST

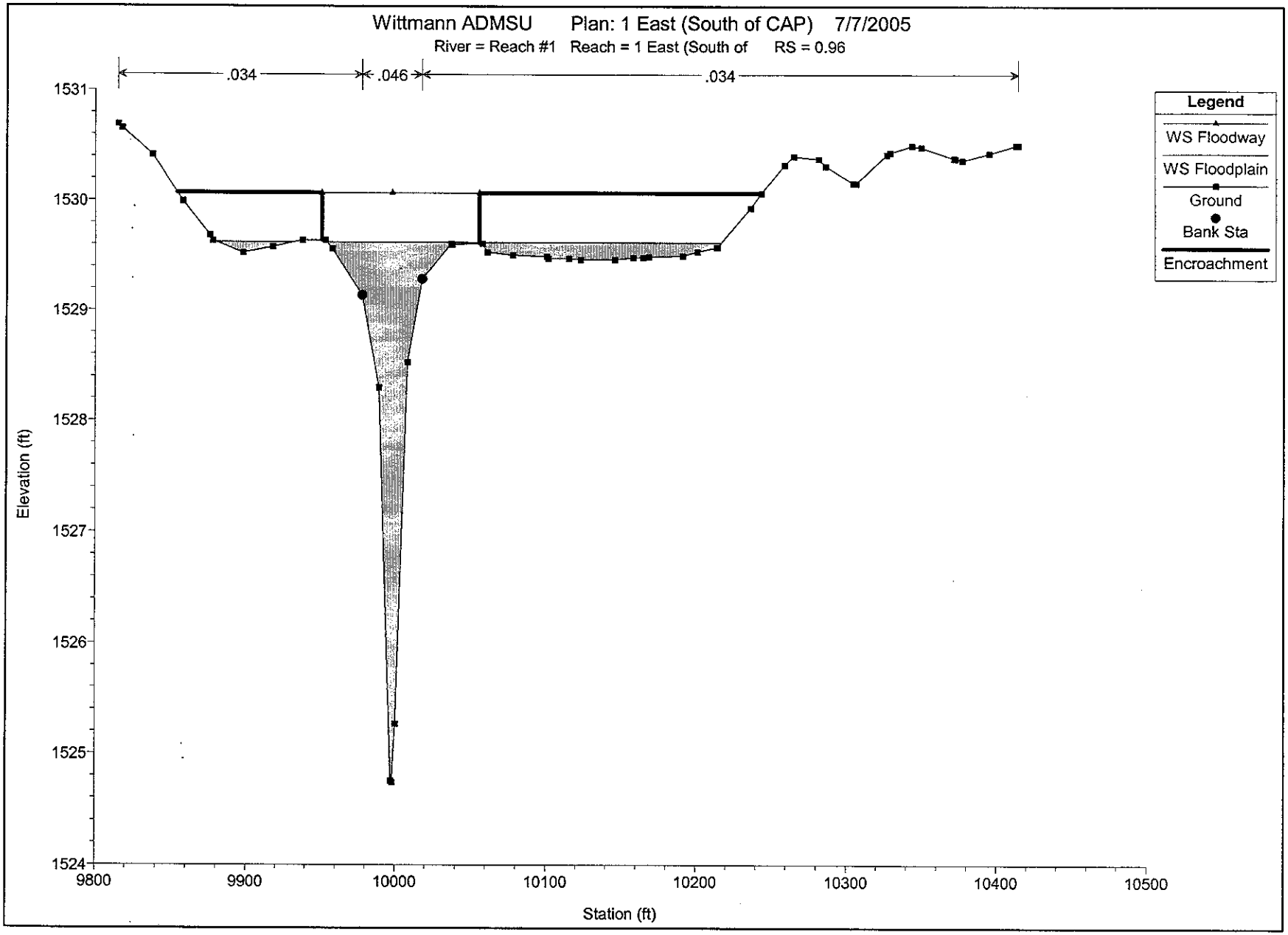

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 1.31
.034
.046
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1546
1544
1542
1540
1538
1536
9920
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

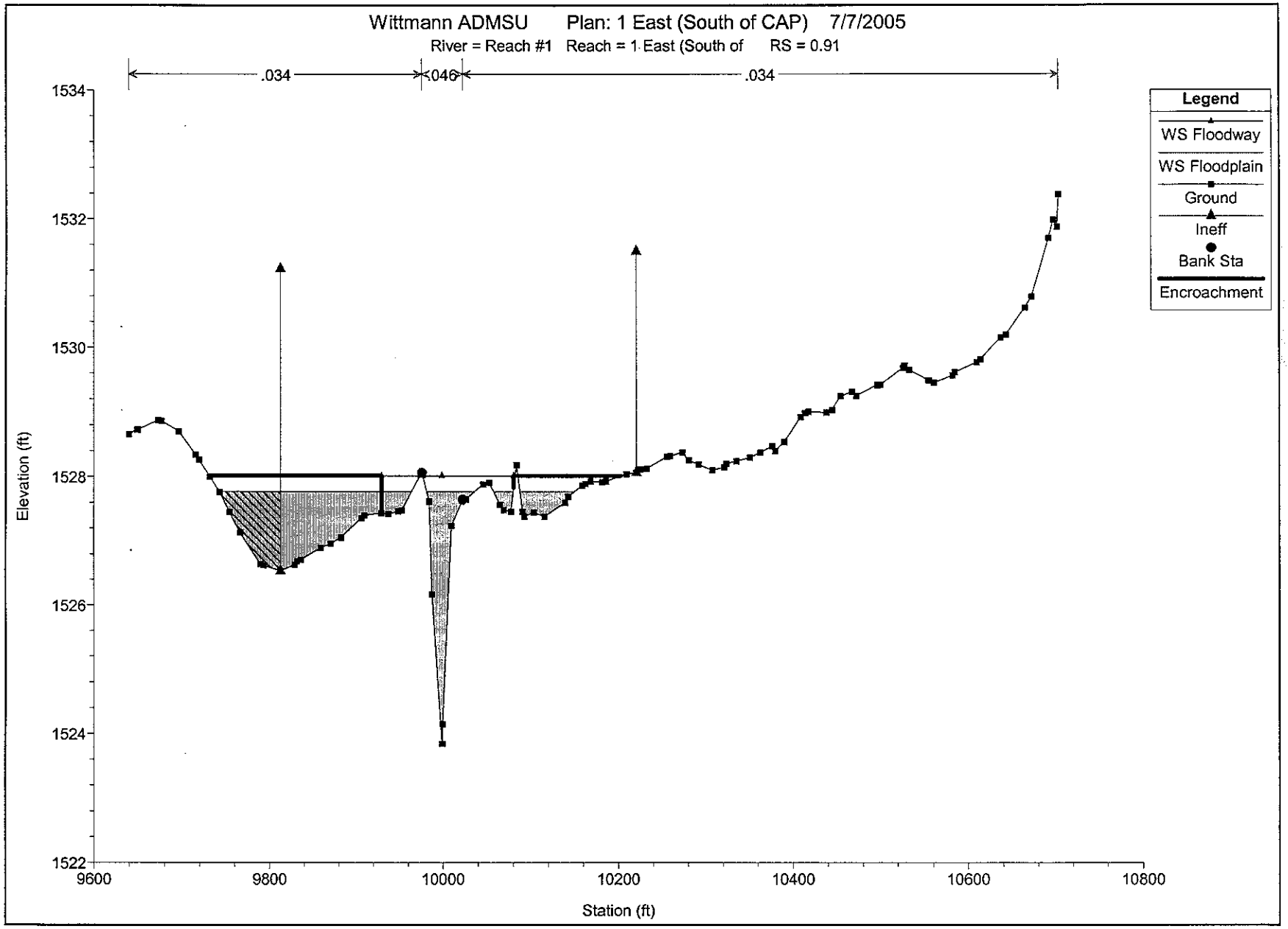

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 1.26
.034
.046
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1543
1542
1541
1540
1539
1538
1537
1536
1535
9940
9960
9980
10000
10020
10040
10060
Station (ft)

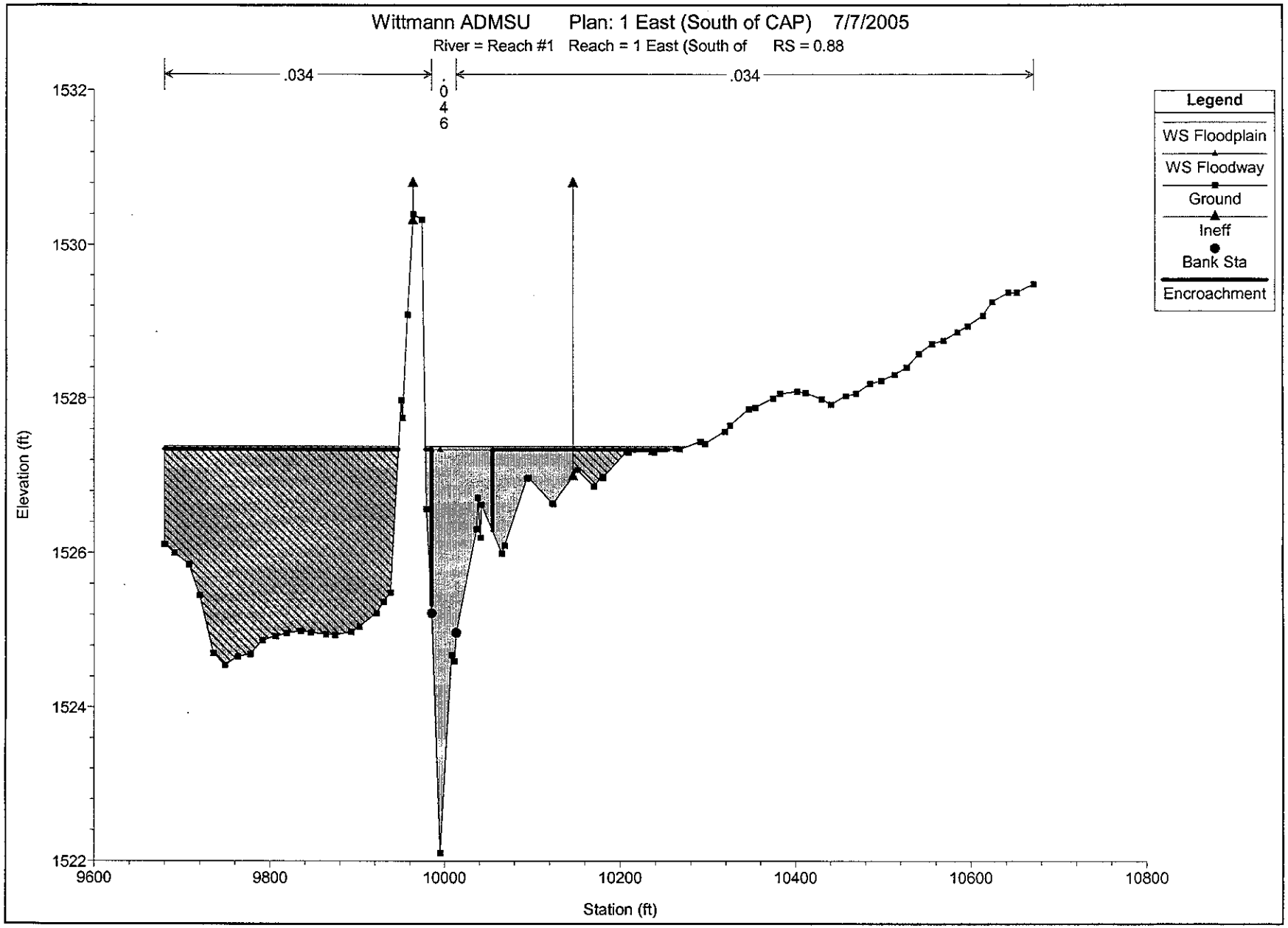

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 1.18
.034
.046
.034
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1540
1538
1536
1534
1532
1530
9950
9960
9970
9980
9990
10000
10010
10020
10030
Station (ft)

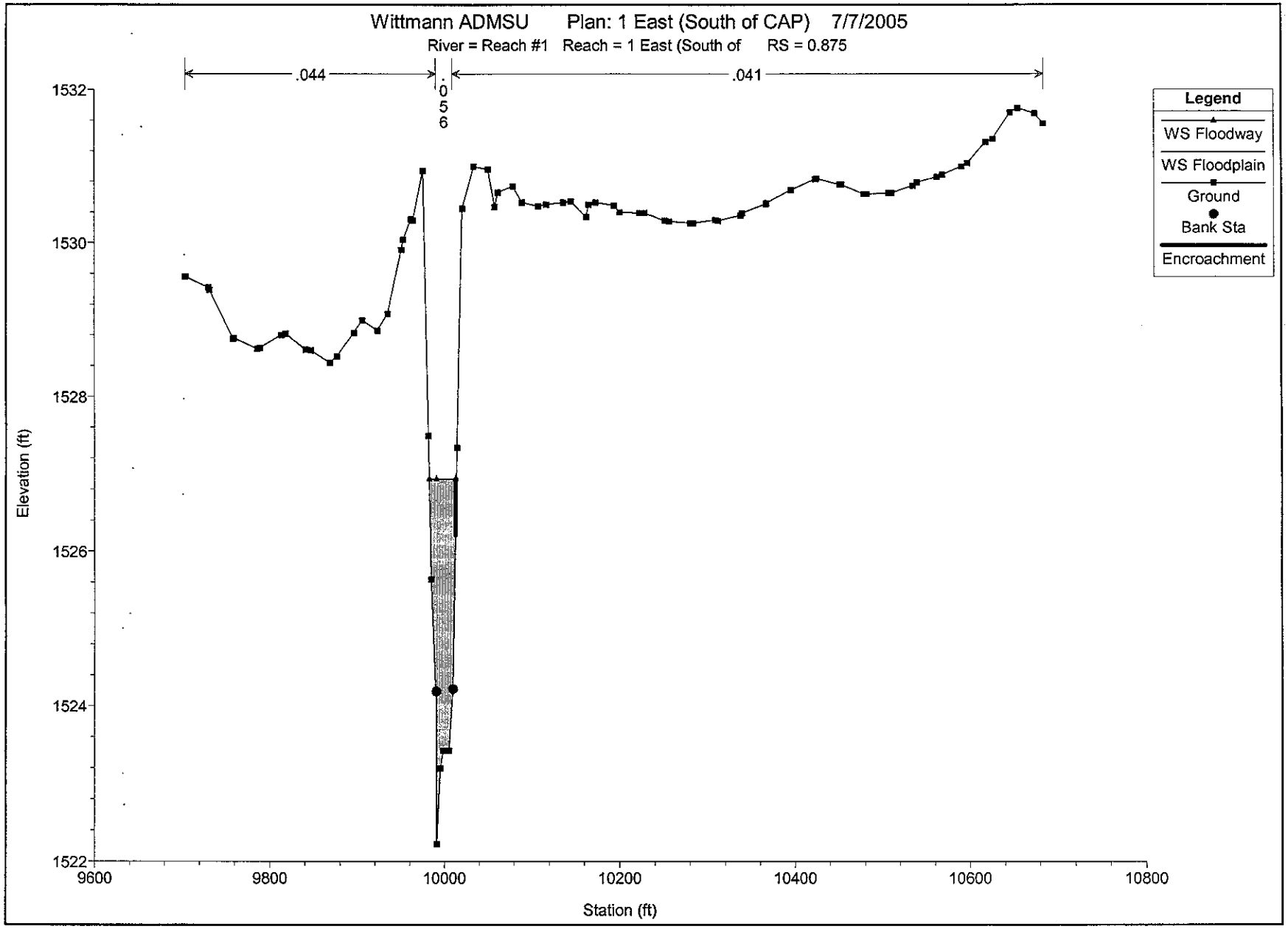

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 1.09
.034
.046
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1536
1535
1534
1533
1532
1531
1530
1529
9960
9980
10000
10020
10040
10060
10080
Station (ft)

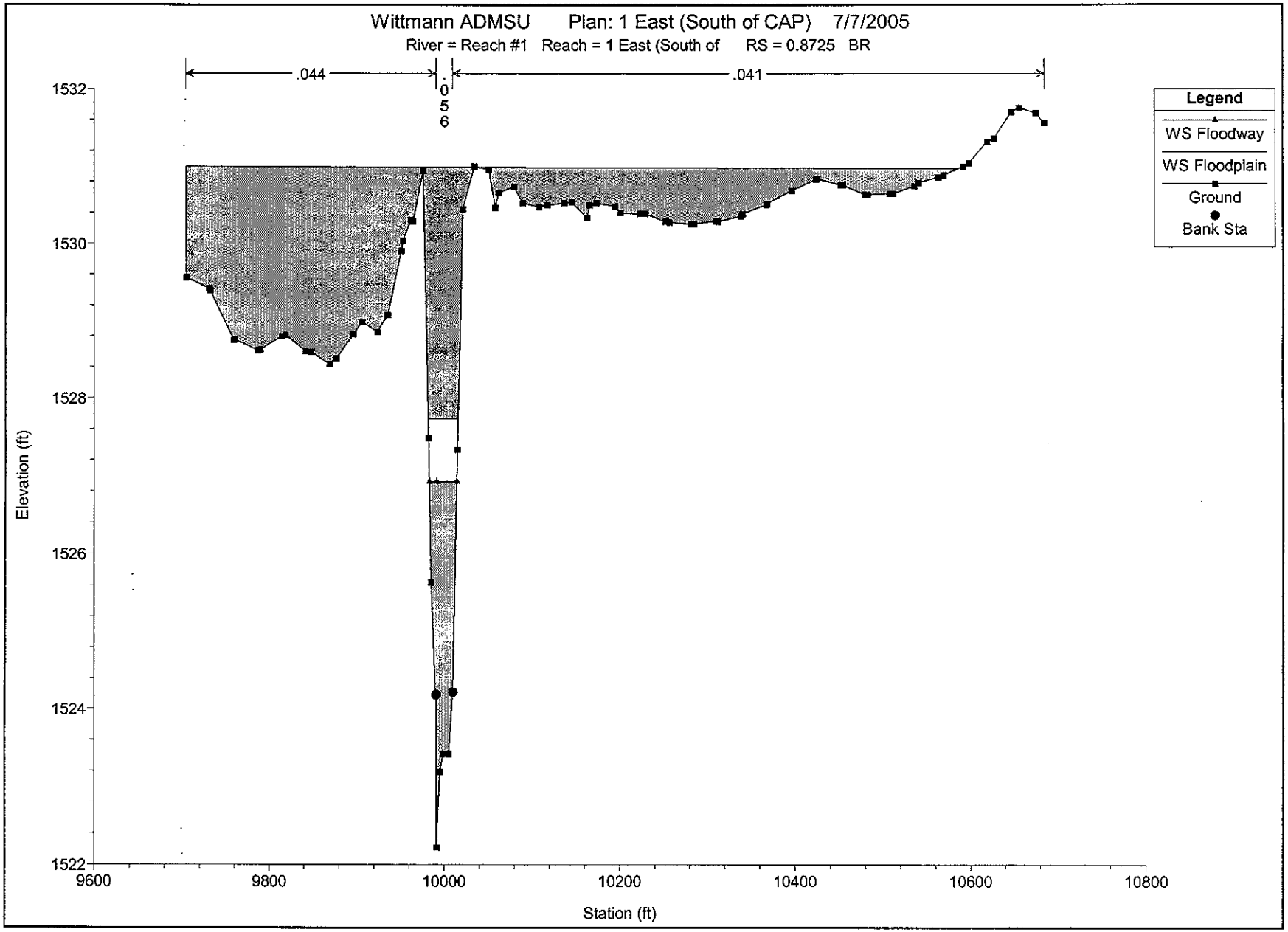

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 1.01
.034
.046
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1533
1532
1531
1530
1529
1528
1527
9700
9800
9900
10000
10100
10200
Station (ft)

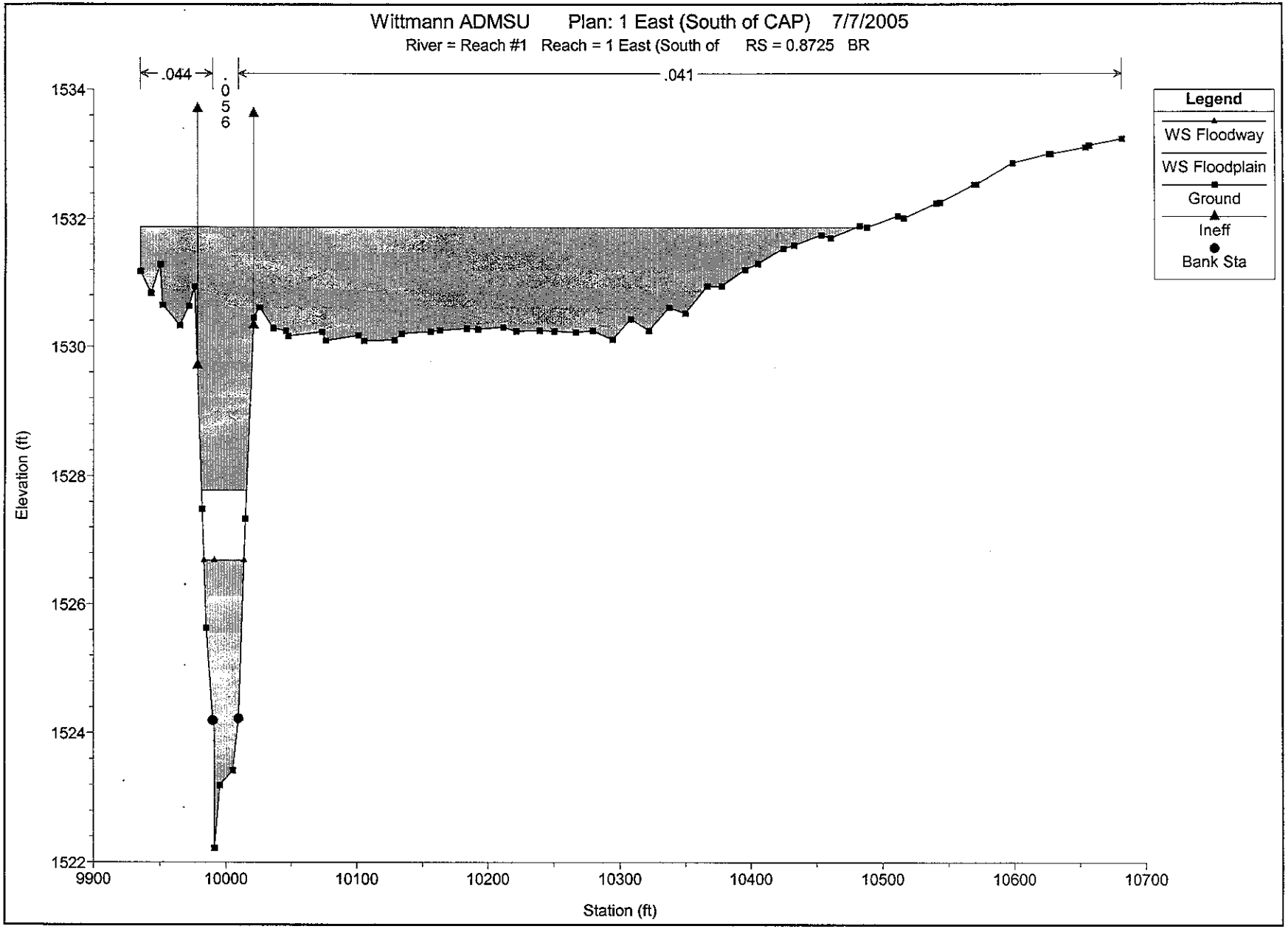

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.96
.034
.046
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1531
1530
1529
1528
1527
1526
1525
1524
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

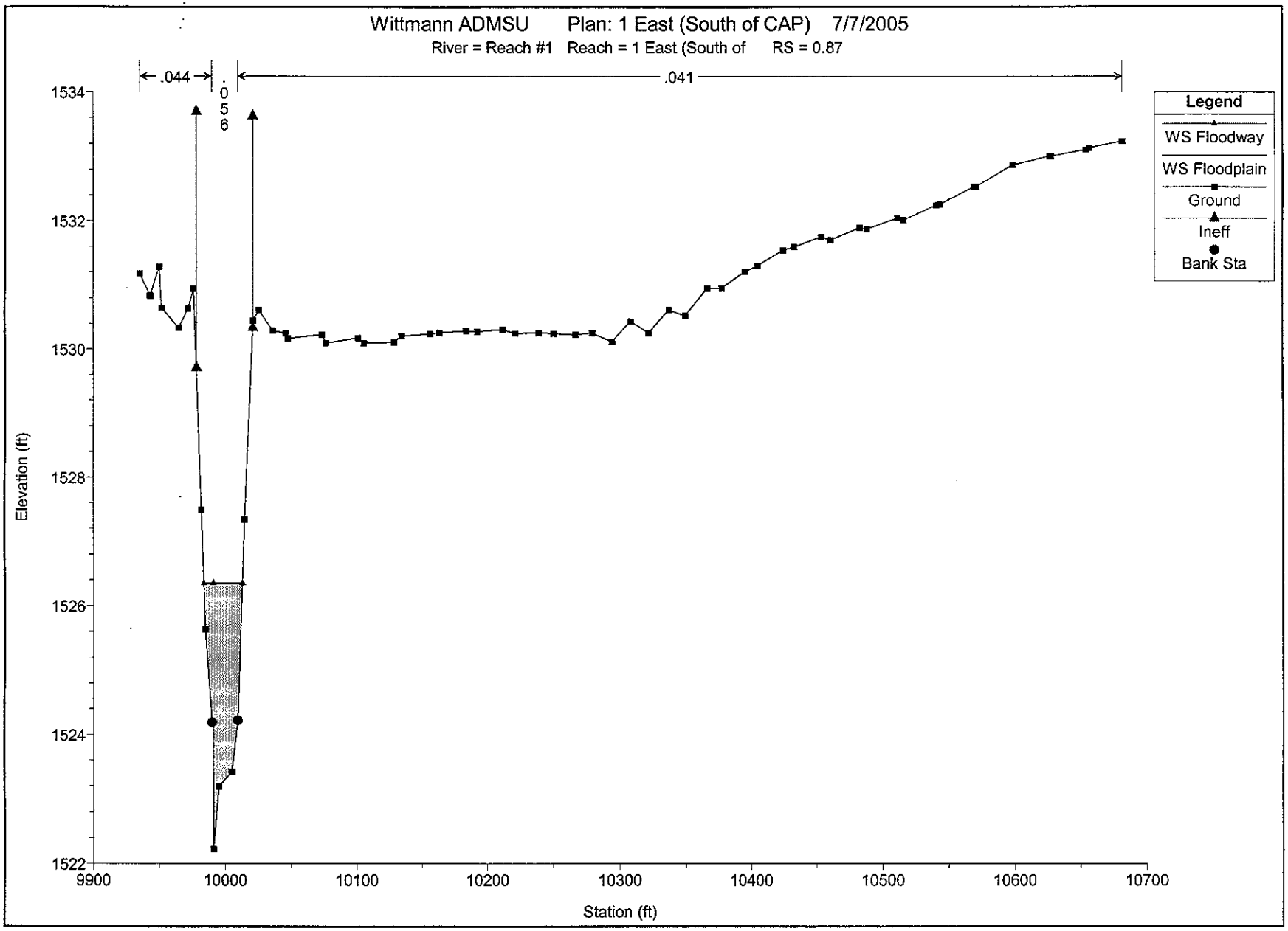

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.91
.034
.046
.034
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1534
1532
1530
1528
1526
1524
1522
9600
9800
10000
10200
10400
10600
10800
Station (ft)

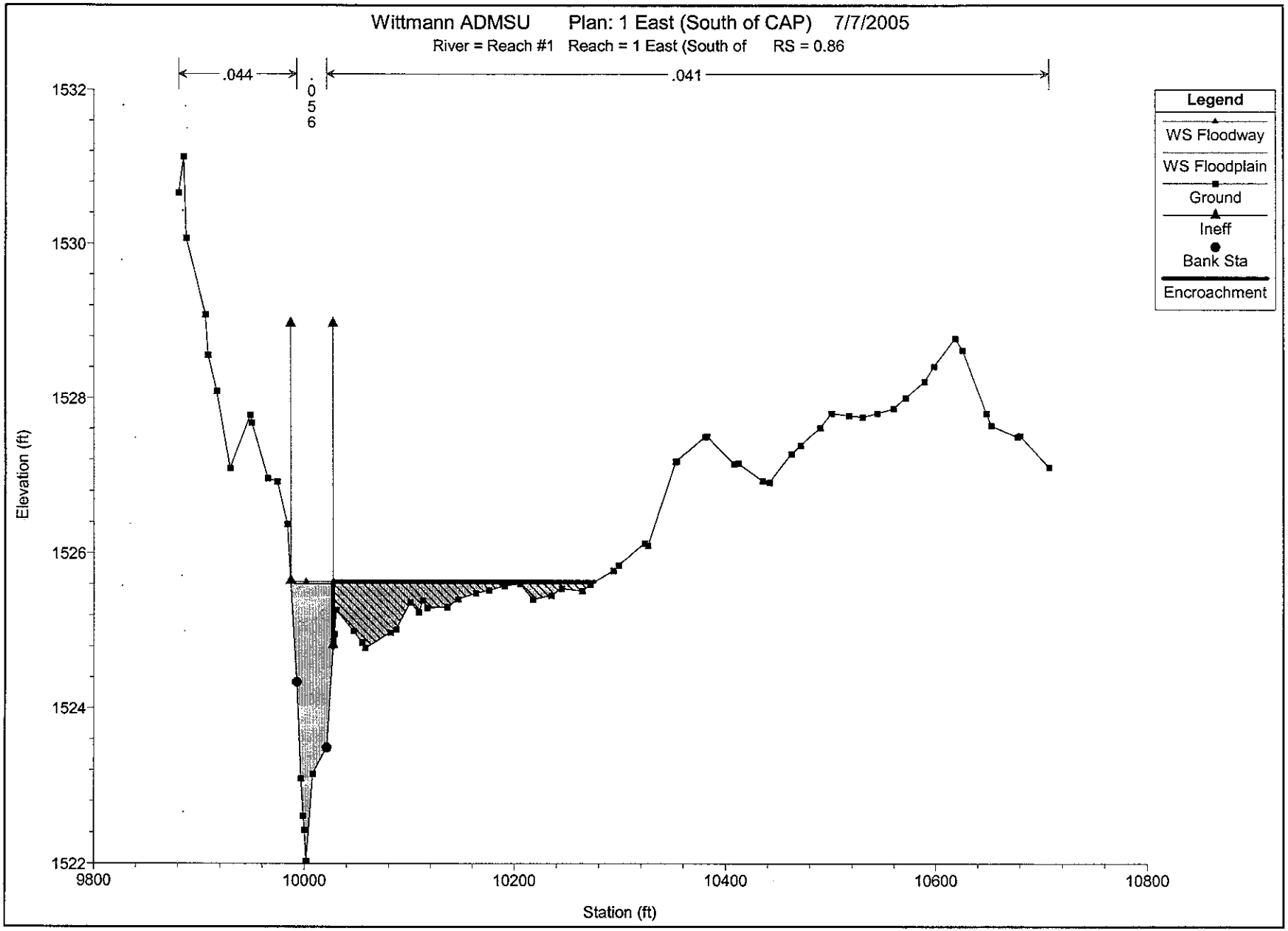

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.88
.034
.046
.034
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1532
1530
1528
1526
1524
1522
9600
9800
10000
10200
10400
10600
10800
Station (ft)

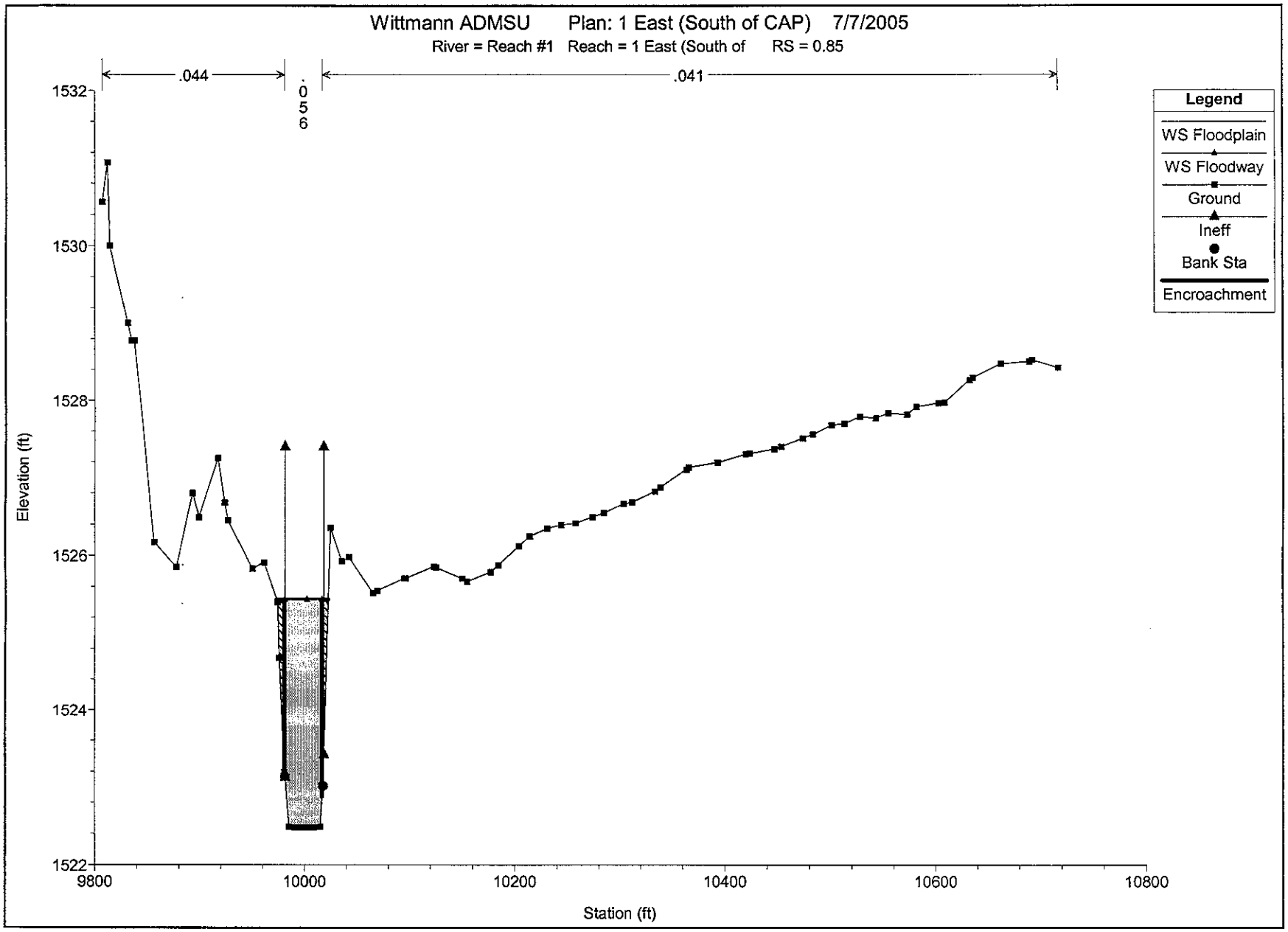

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.875
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1532
1530
1528
1526
1524
1522
9600
9800
10000
10200
10400
10600
10800
Station (ft)

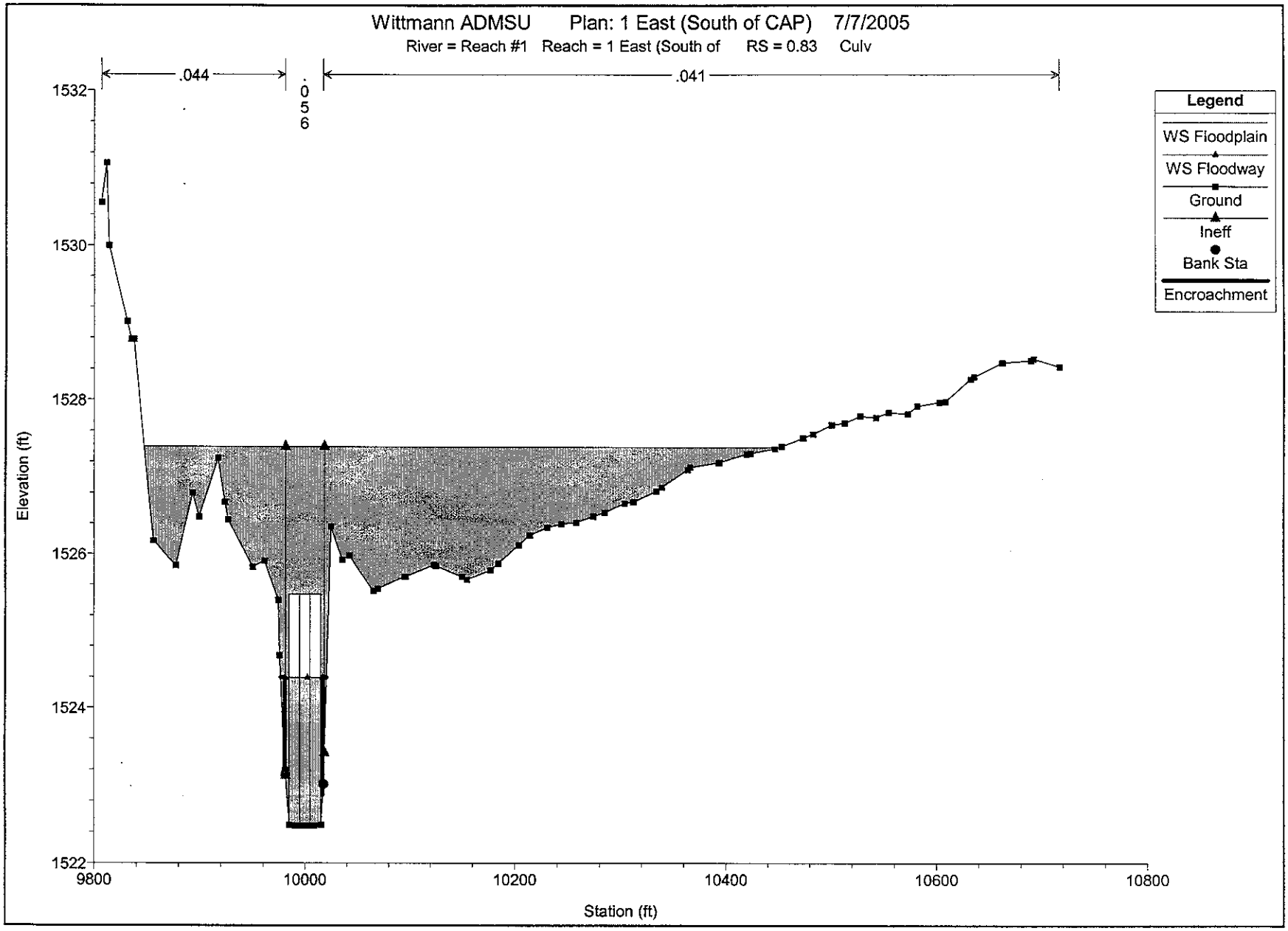

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.8725 BR
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1532
1530
1528
1526
1524
1522
9600
9800
10000
10200
10400
10600
10800
Station (ft)

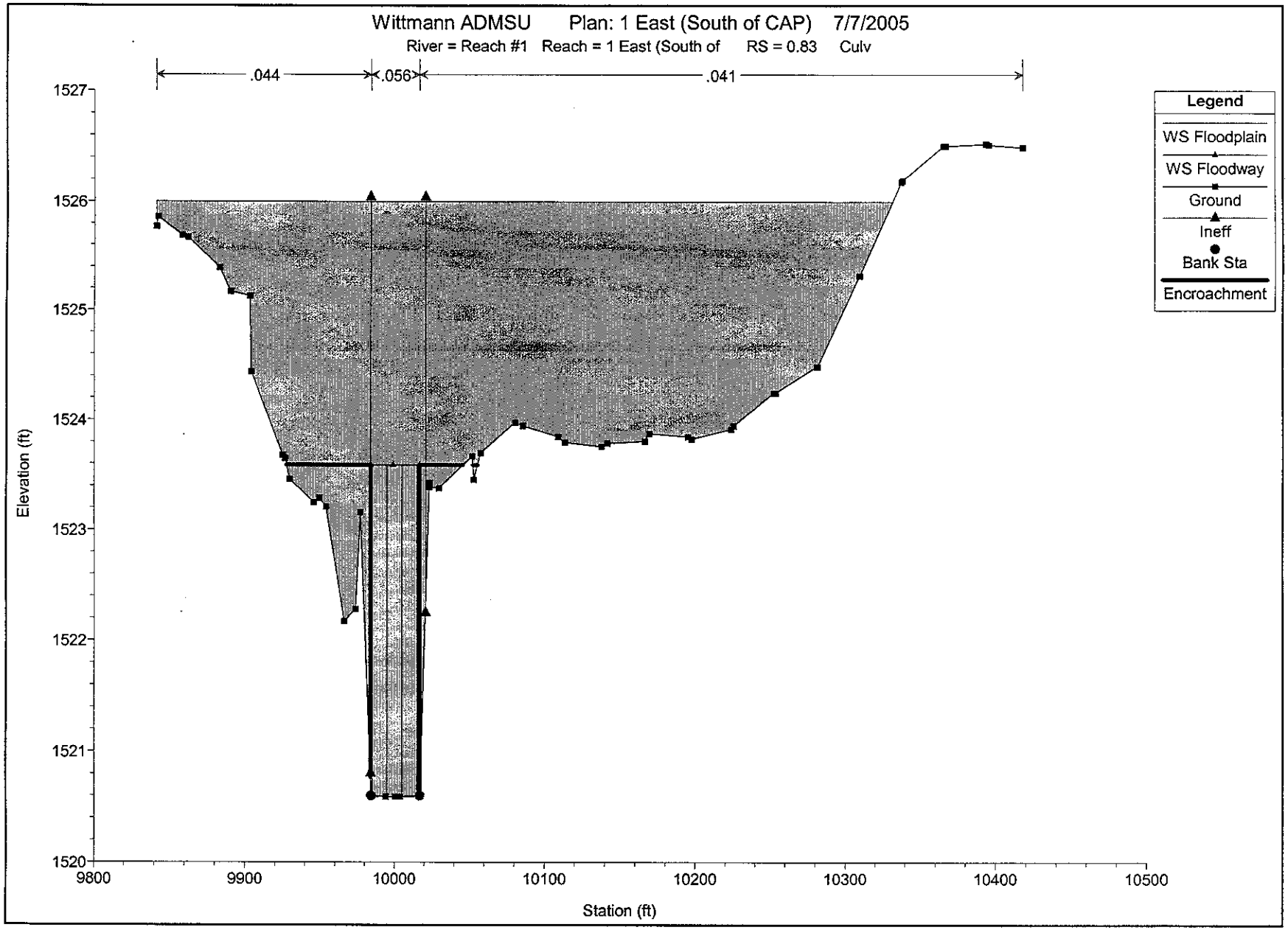

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.8725 BR
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Elevation (ft)
1534
1532
1530
1528
1526
1524
1522
9900
10000
10100
10200
10300
10400
10500
10600
10700
Station (ft)

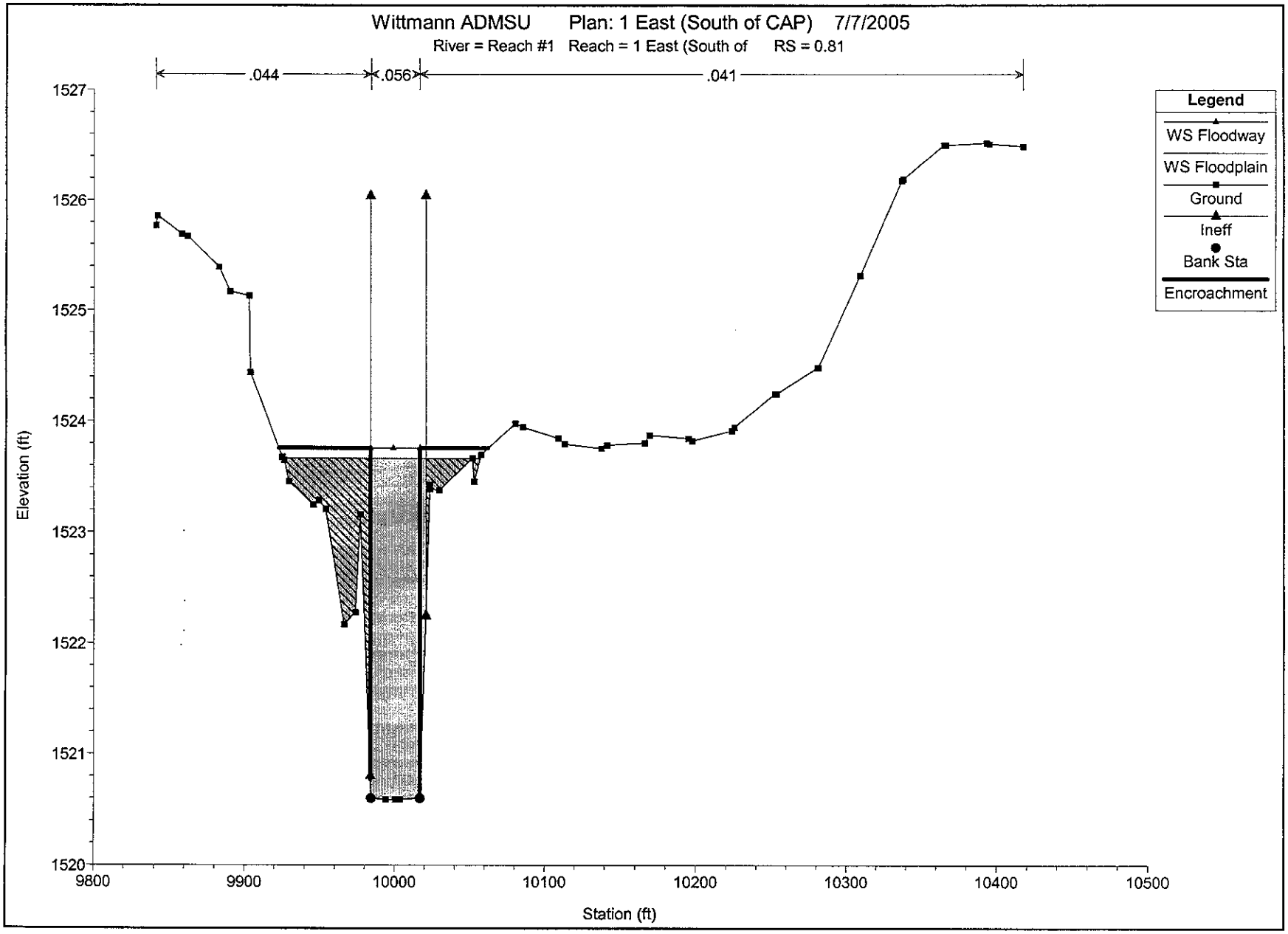

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.87
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Elevation (ft)
1534
1532
1530
1528
1526
1524
1522
9900
10000
10100
10200
10300
10400
10500
10600
10700
Station (ft)

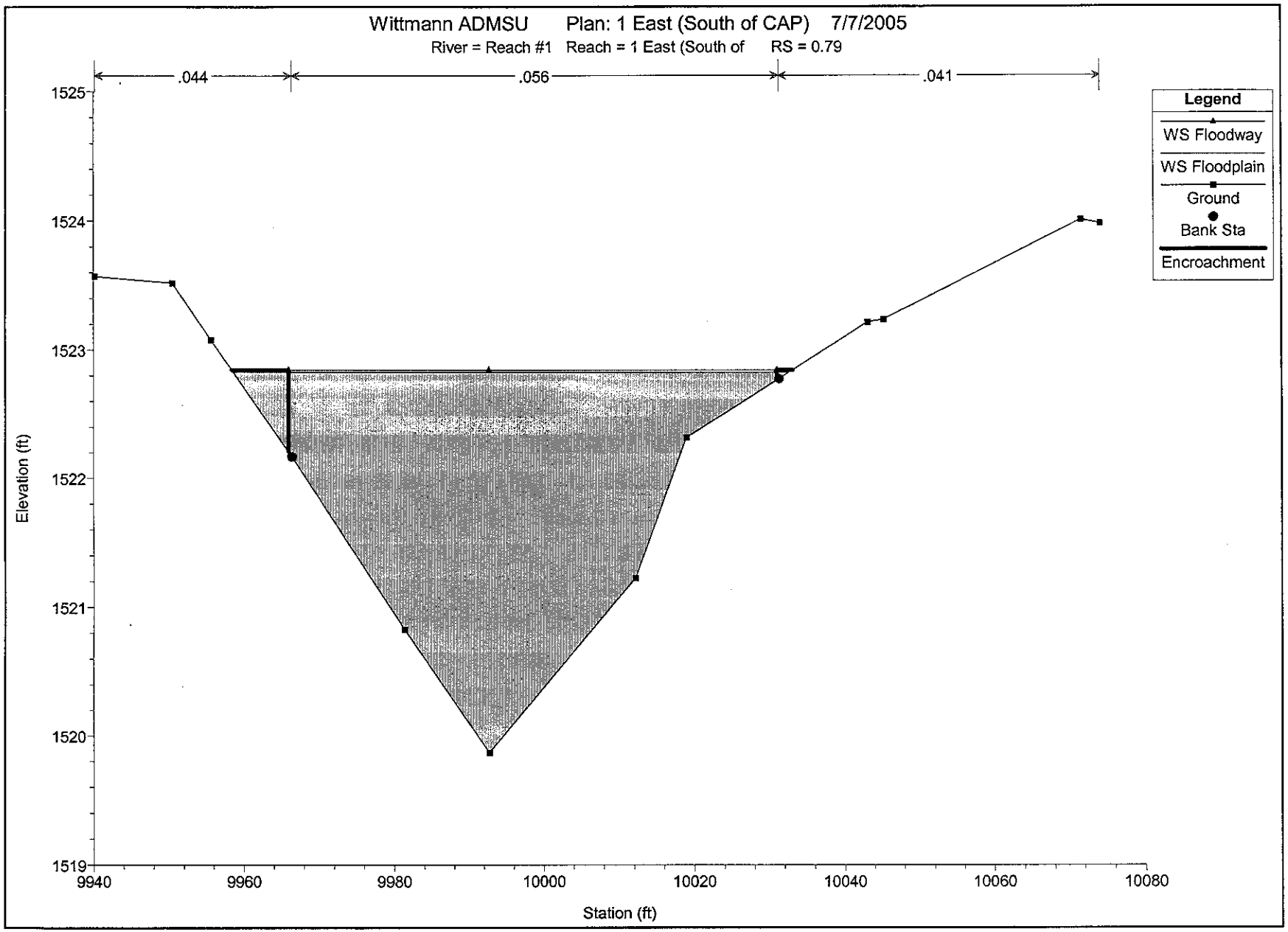

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.86
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1532
1530
1528
1526
1524
1522
9800
10000
10200
10400
10600
10800
Station (ft)

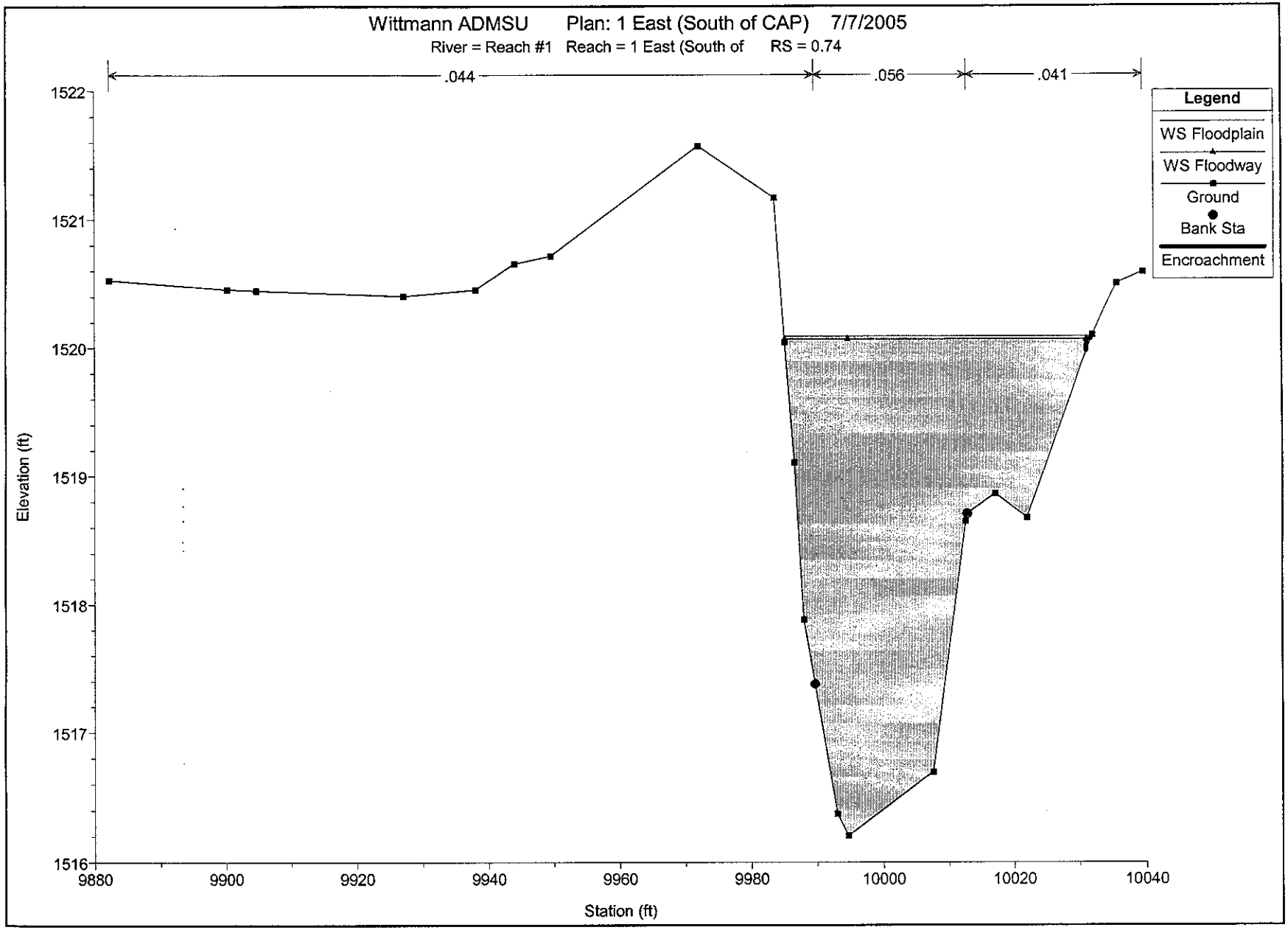

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.85
.044
.056
.041
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1532
1530
1528
1526
1524
1522
9800
10000
10200
10400
10600
10800
Station (ft)

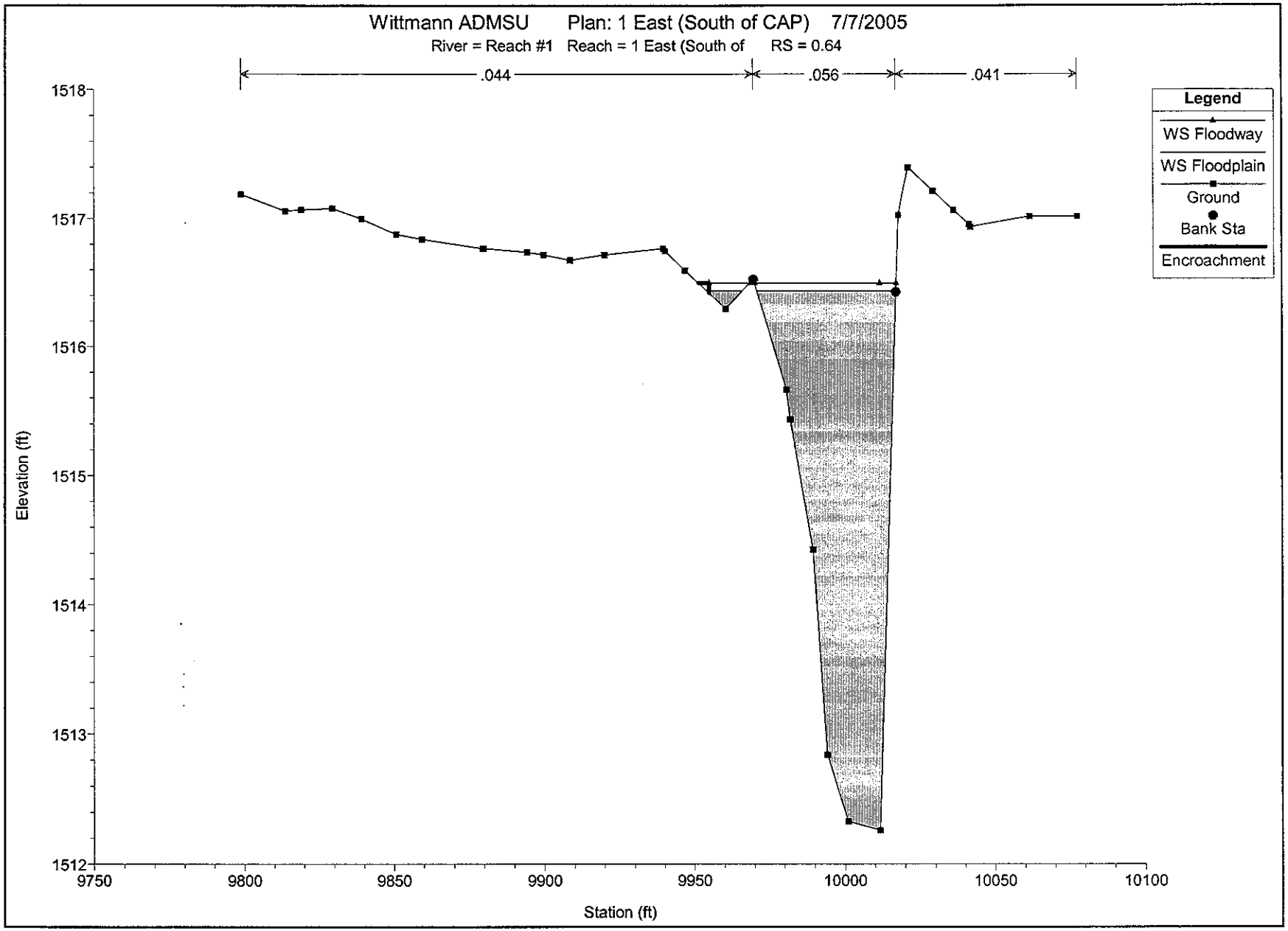

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.83 Culv
.044
.056
.041
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1532
1530
1528
1526
1524
1522
9800
10000
10200
10400
10600
10800
Station (ft)

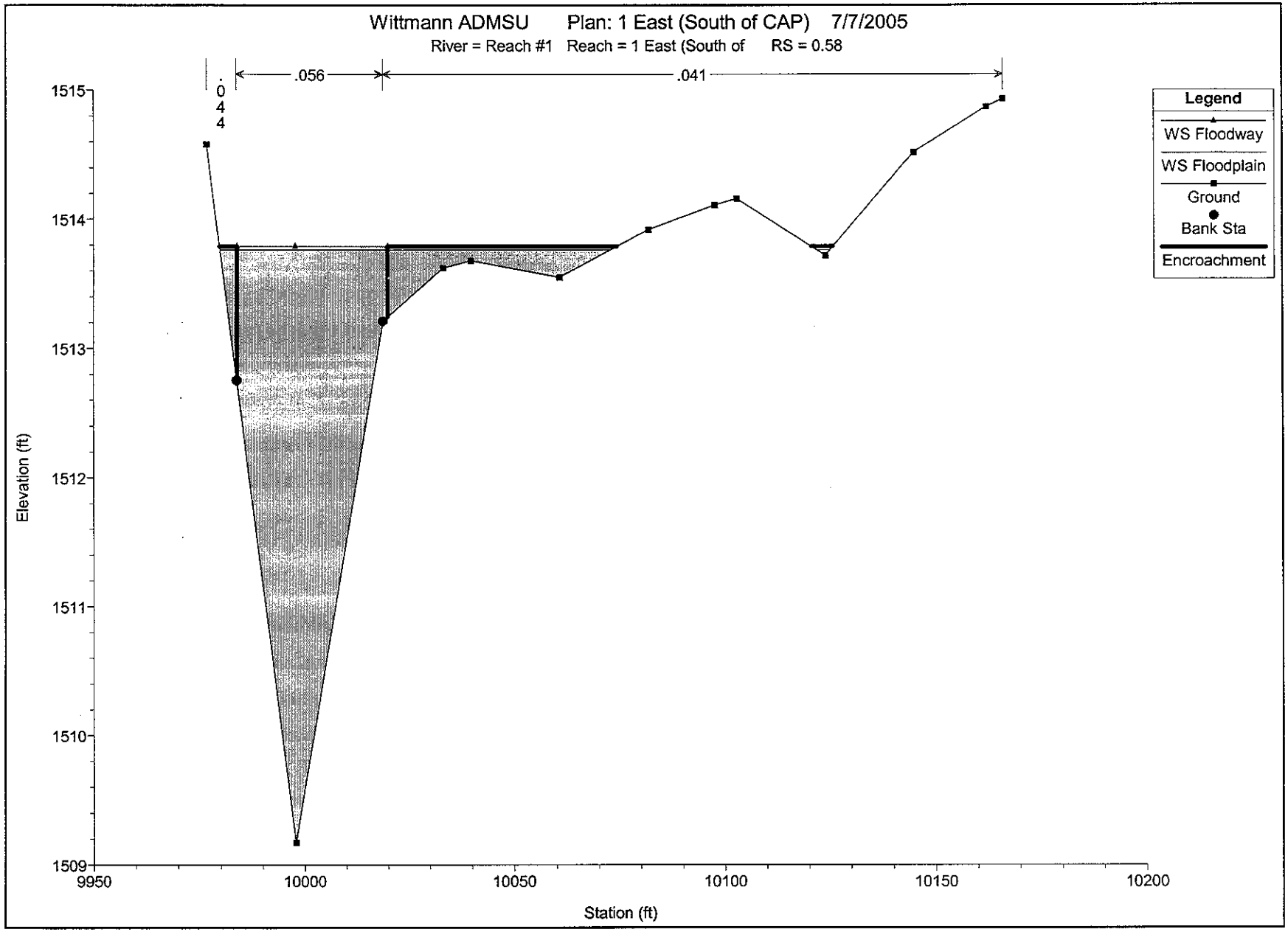

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.83 Culv
.044
.056
.041
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1527
1526
1525
1524
1523
1522
1521
1520
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

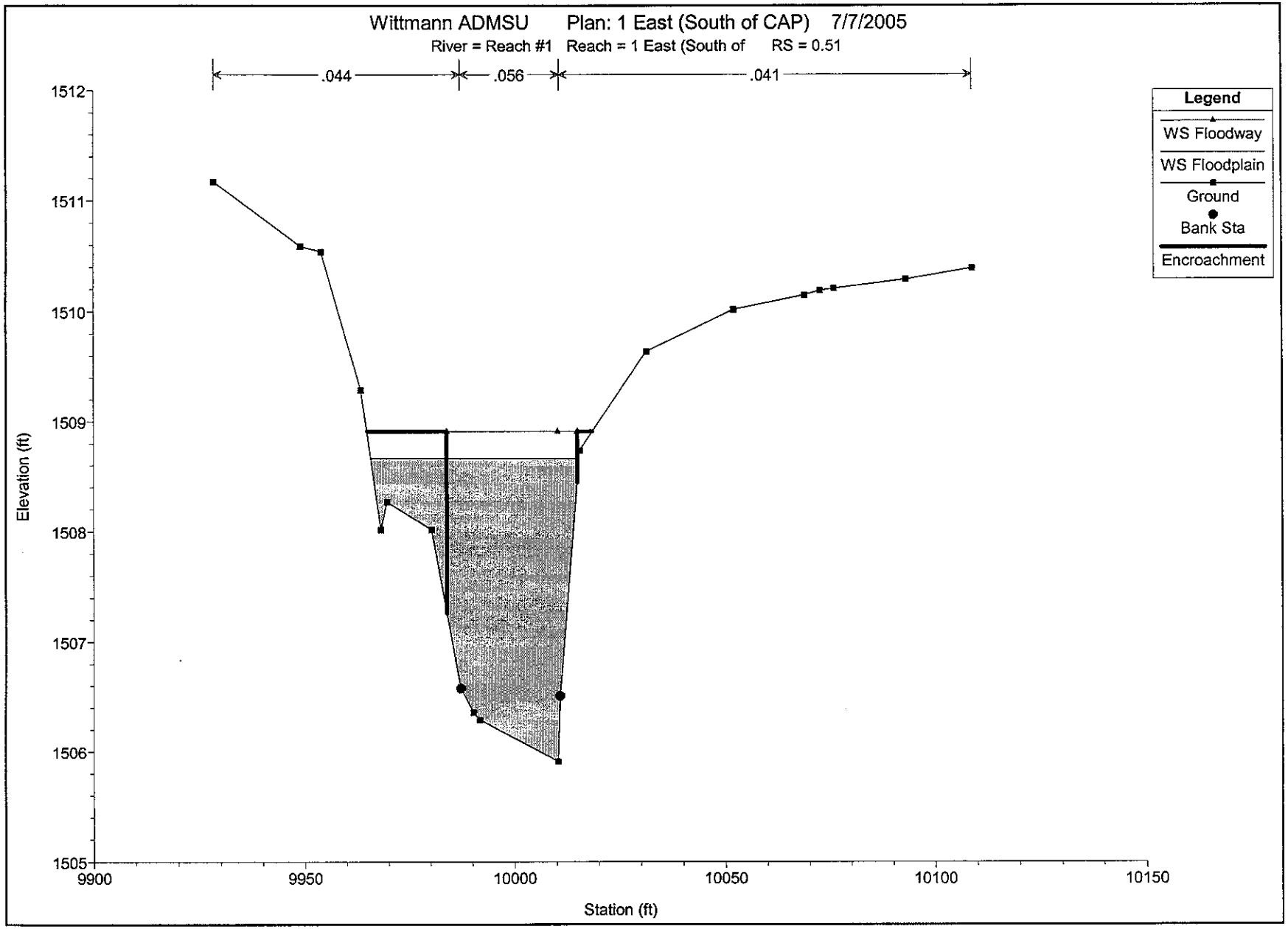

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.81
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1527
1526
1525
1524
1523
1522
1521
1520
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

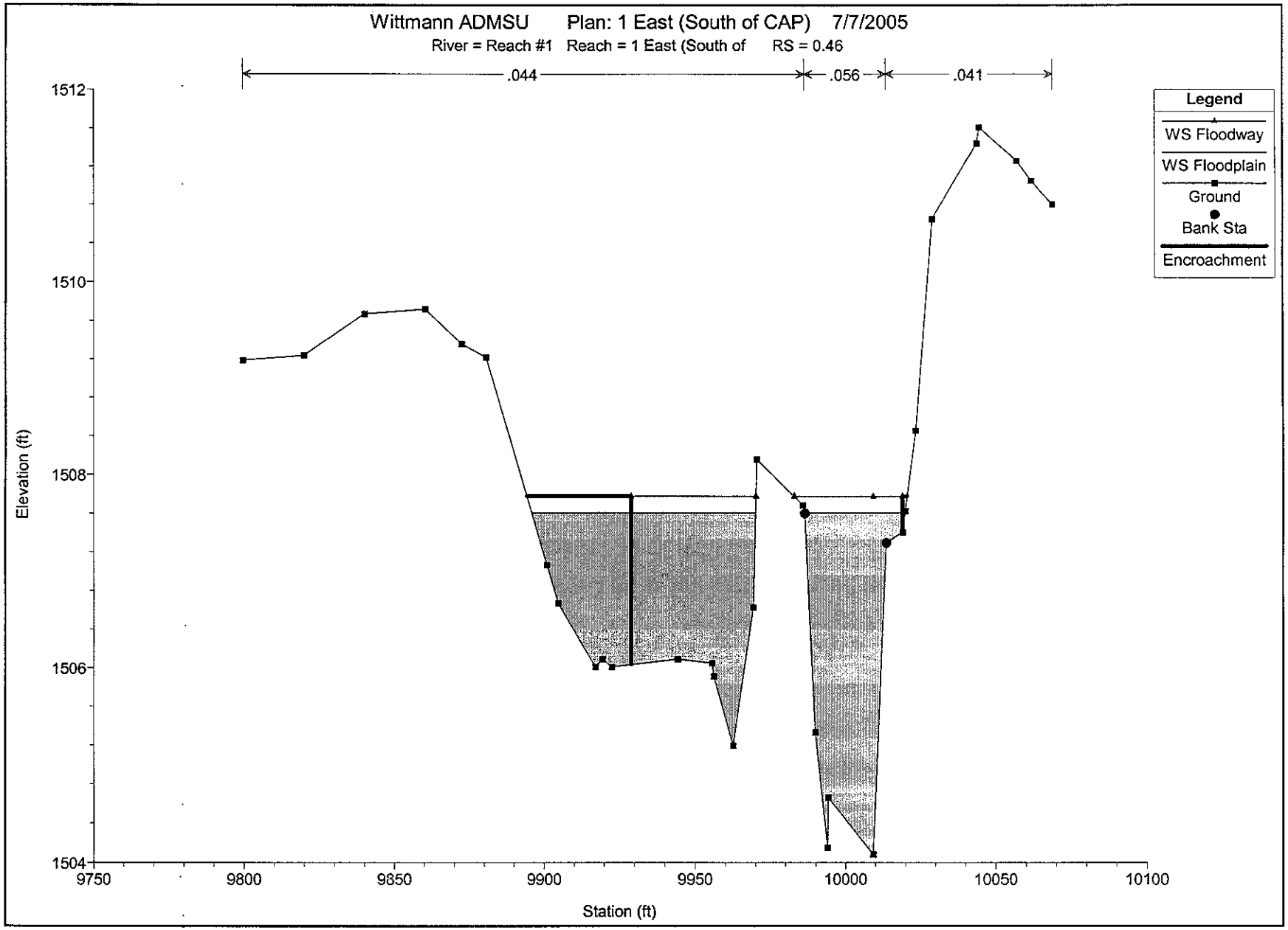

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.79
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1525
1524
1523
1522
1521
1520
1519
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

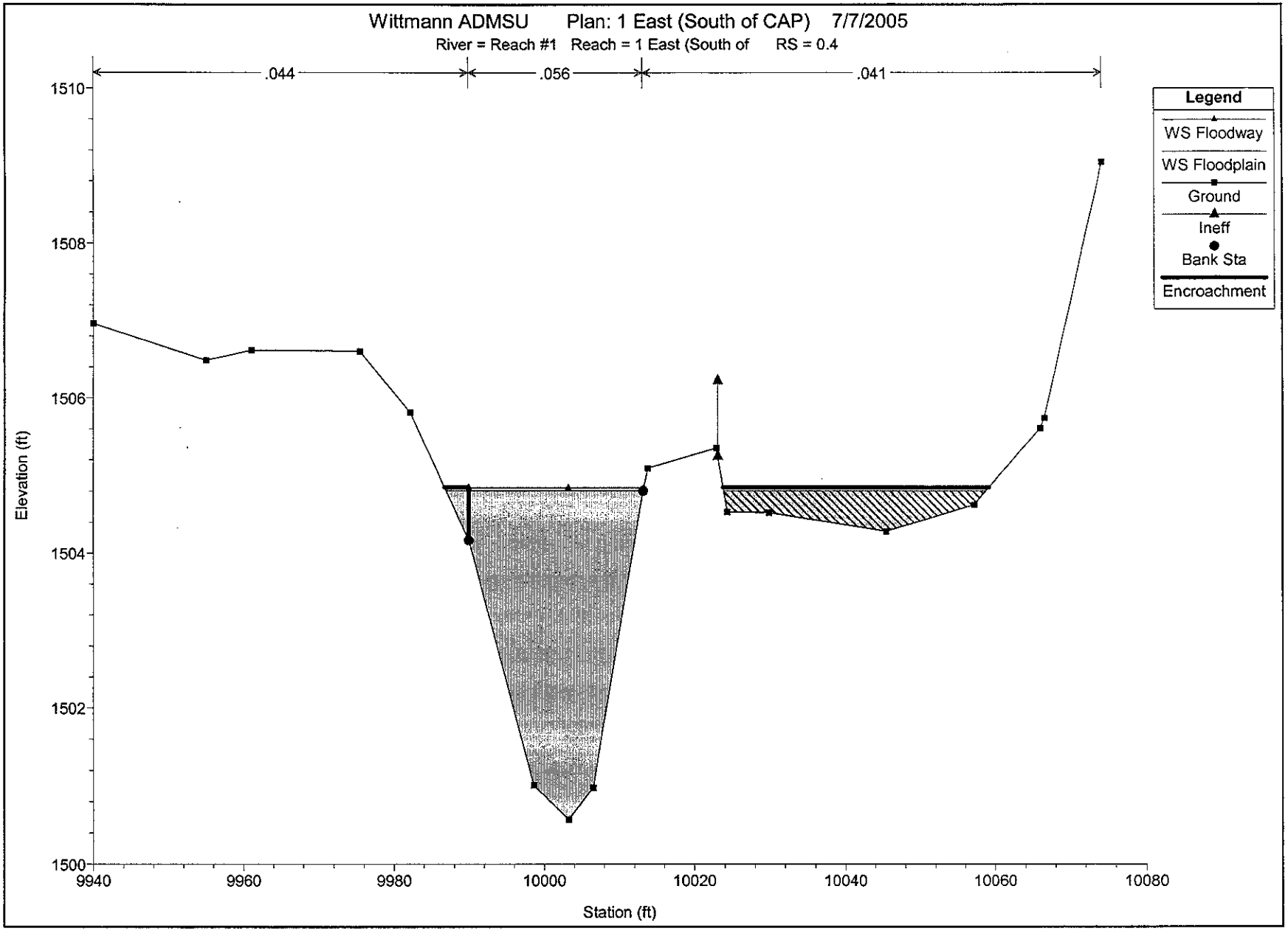

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.74
.044
.056
.041
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1522
1521
1520
1519
1518
1517
1516
9880
9900
9920
9940
9960
9980
10000
10020
10040
Station (ft)

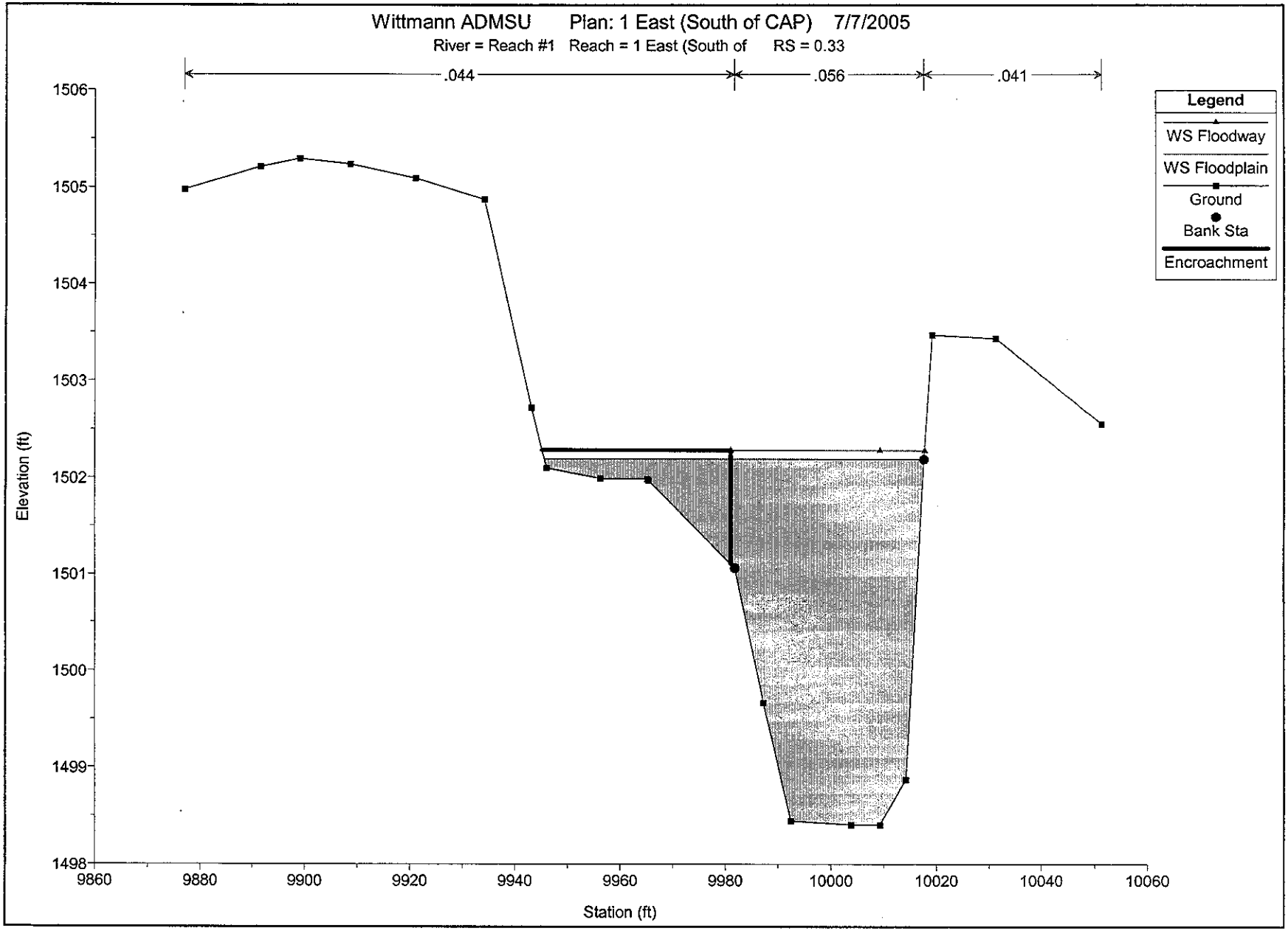

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.64
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1518
1517
1516
1515
1514
1513
1512
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)

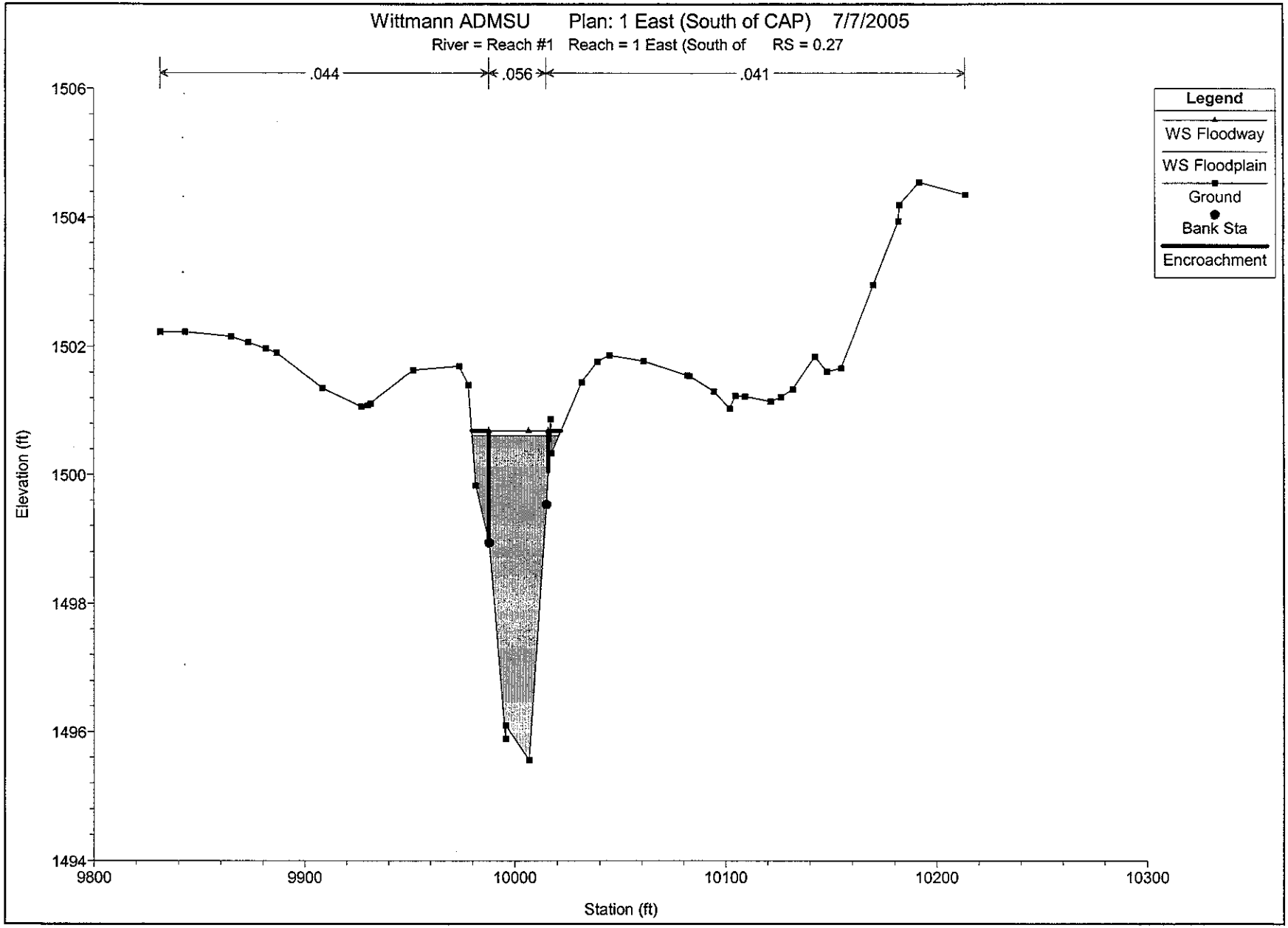

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.58
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1515
1514
1513
1512
1511
1510
1509
9950
10000
10050
10100
10150
10200
Station (ft)

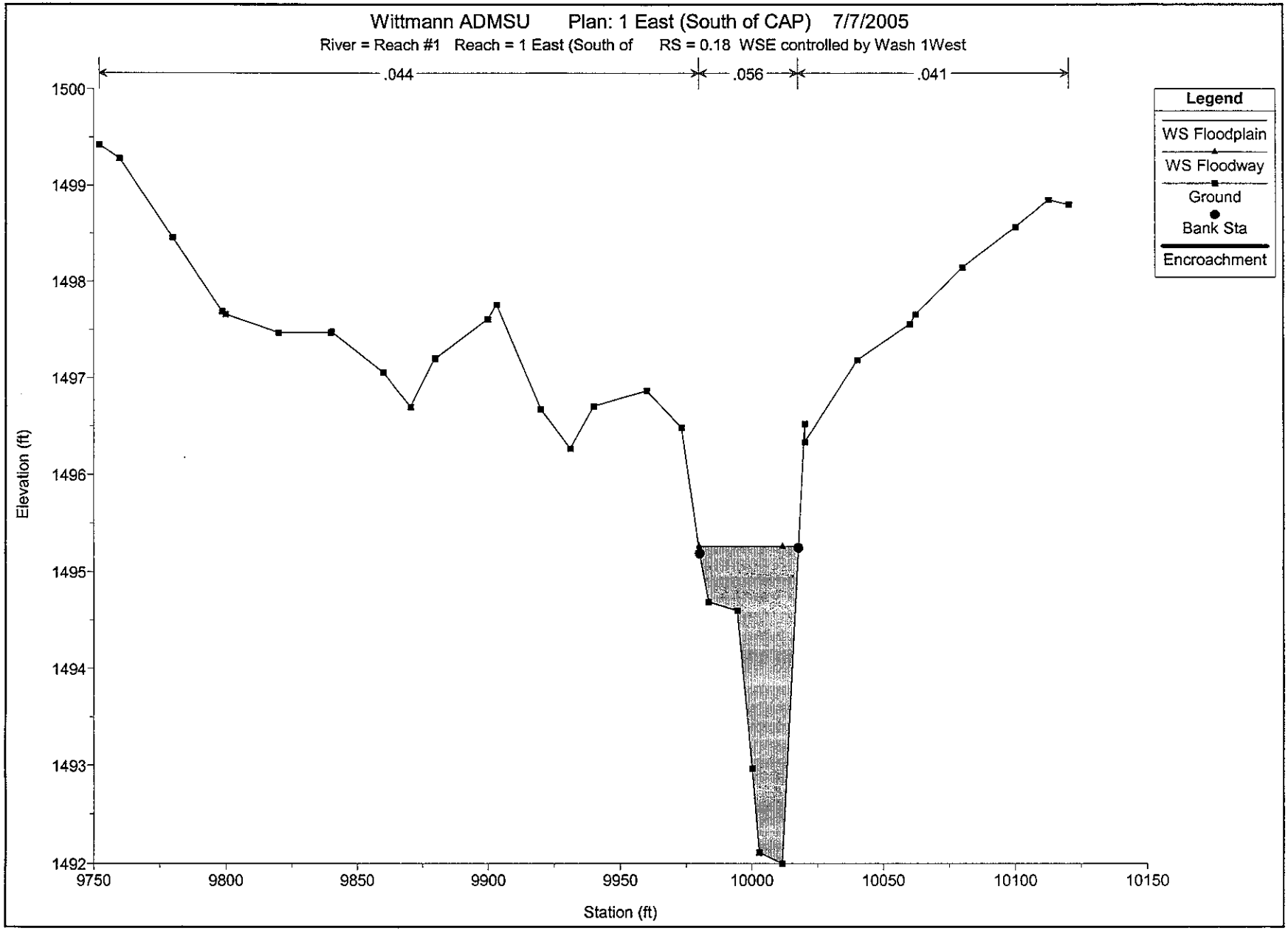

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.51
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1512
1511
1510
1509
1508
1507
1506
1505
9900
9950
10000
10050
10100
10150
Station (ft)

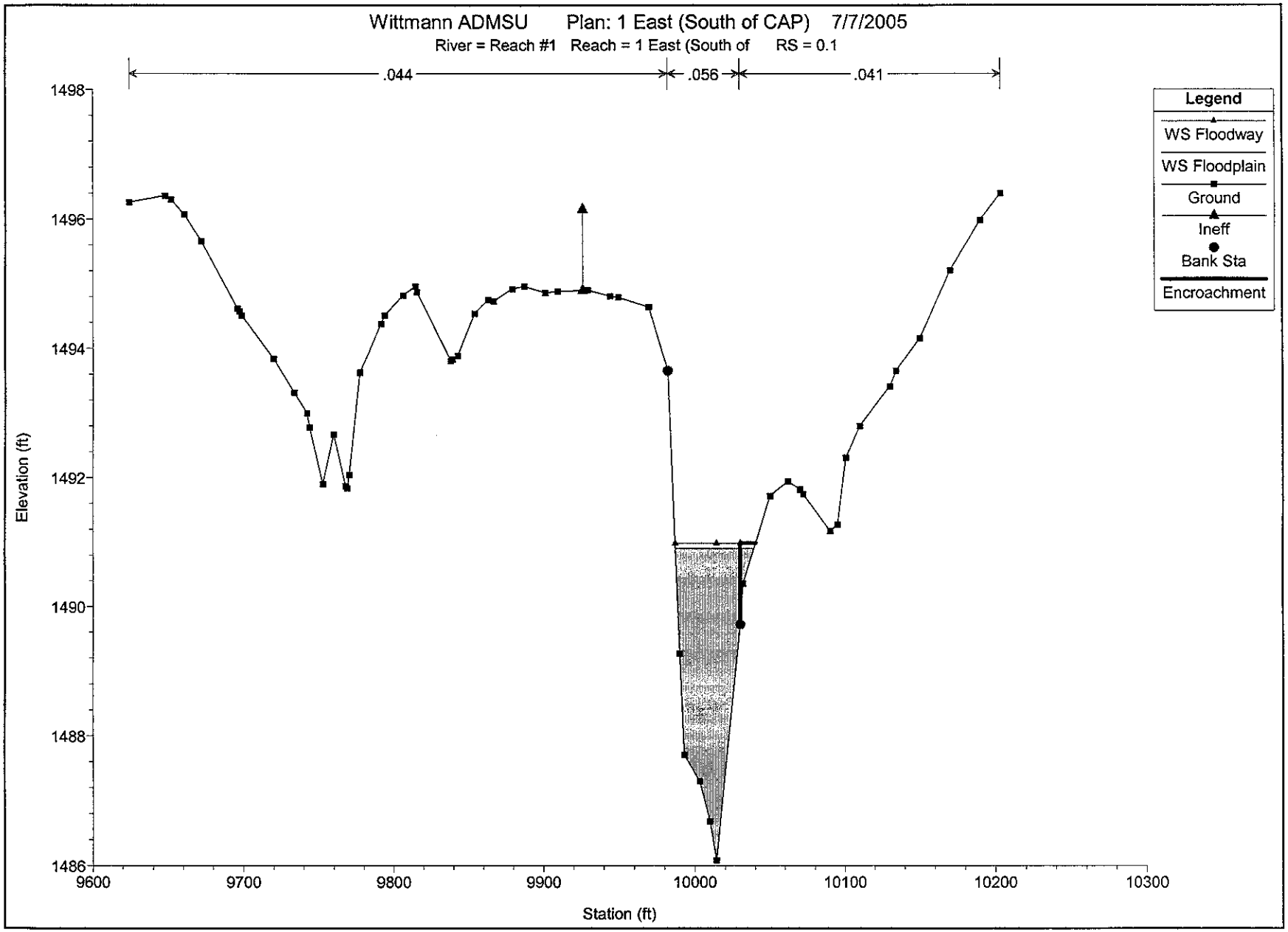

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.46
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1512
1510
1508
1506
1504
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)

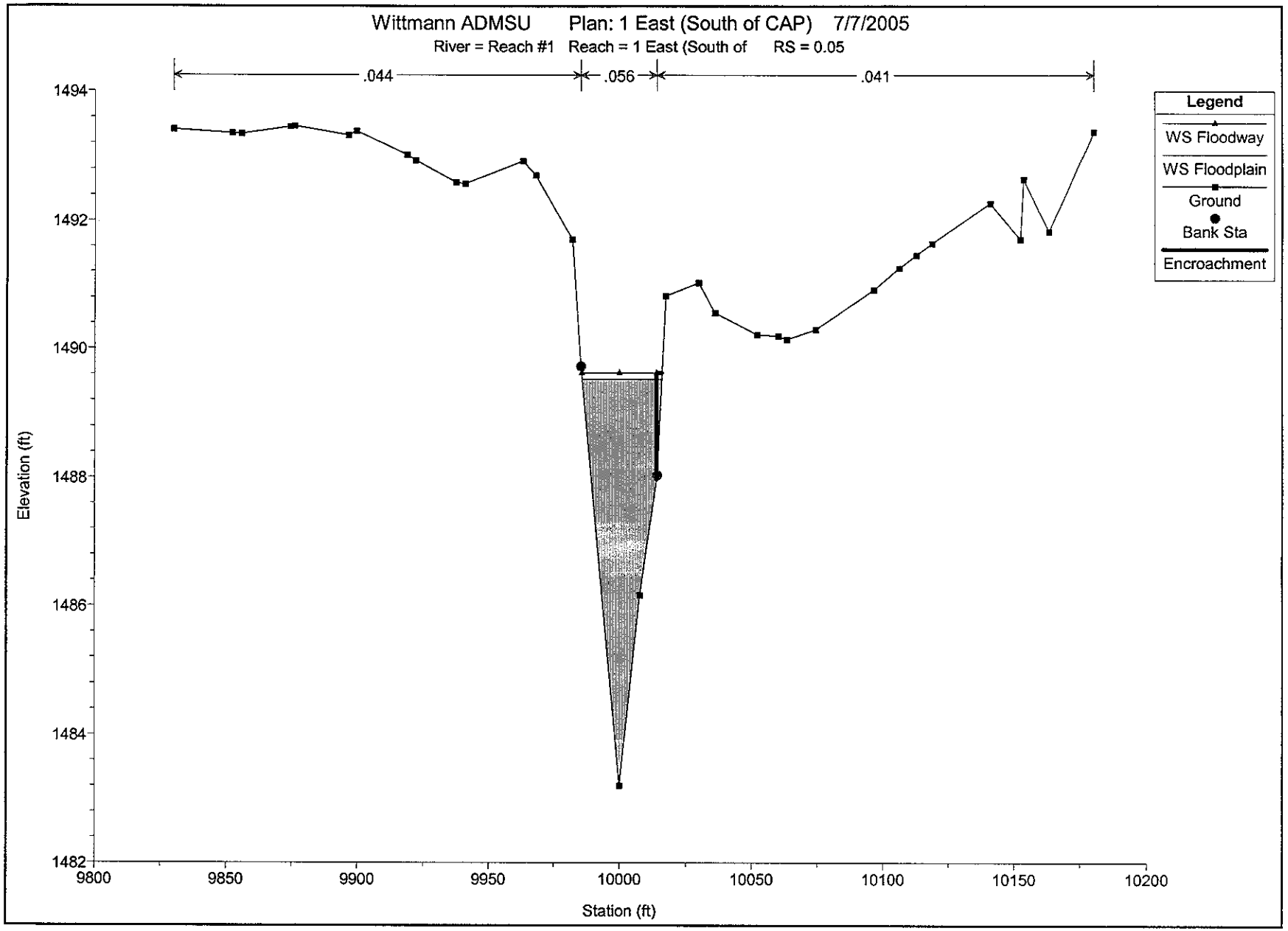

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.4
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1510
1508
1506
1504
1502
1500
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

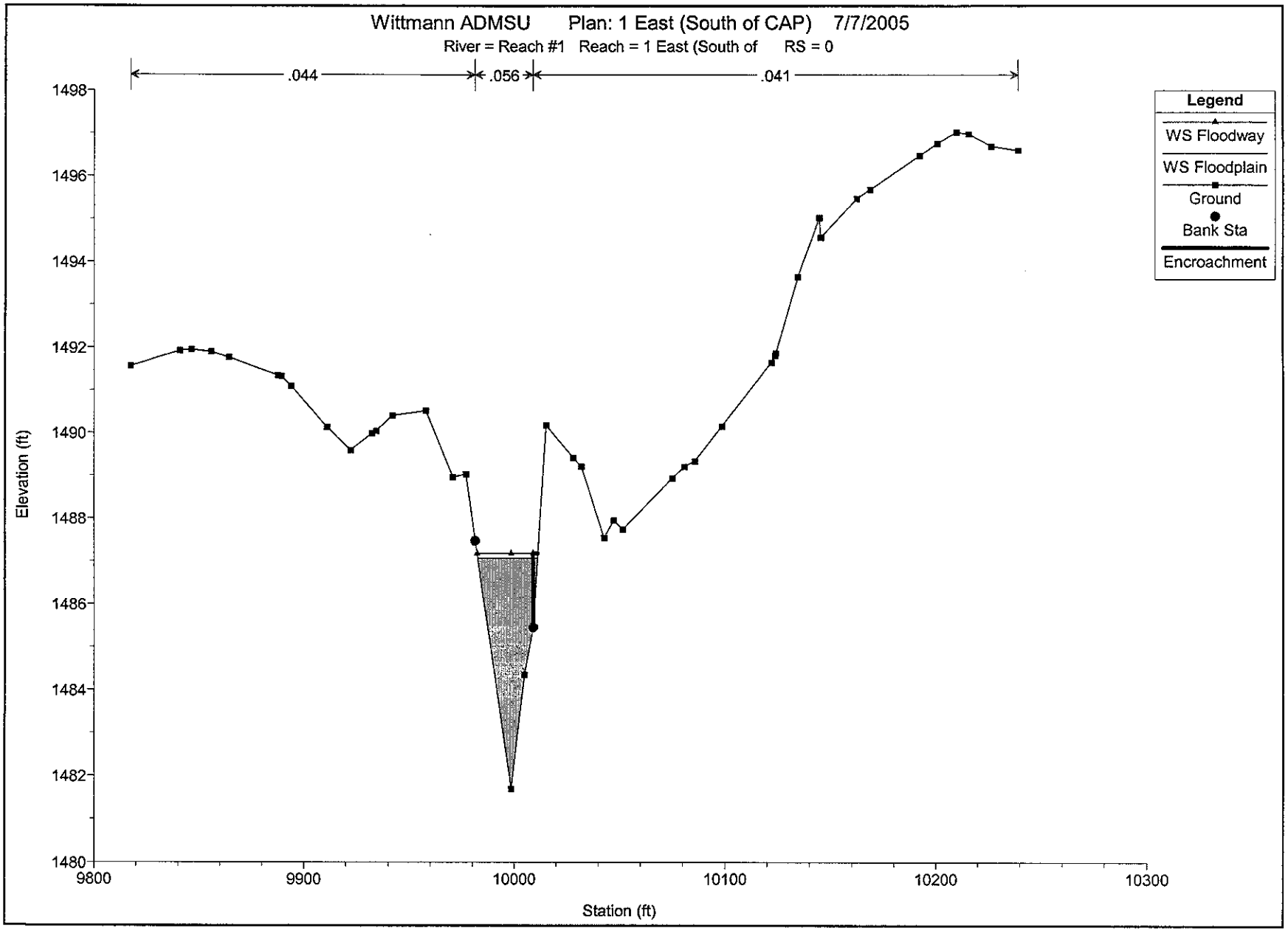

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.33
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1506
1505
1504
1503
1502
1501
1500
1499
1498
9860
9880
9900
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)


Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.27
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1506
1504
1502
1500
1498
1496
1494
9800
9900
10000
10100
10200
10300
Station (ft)

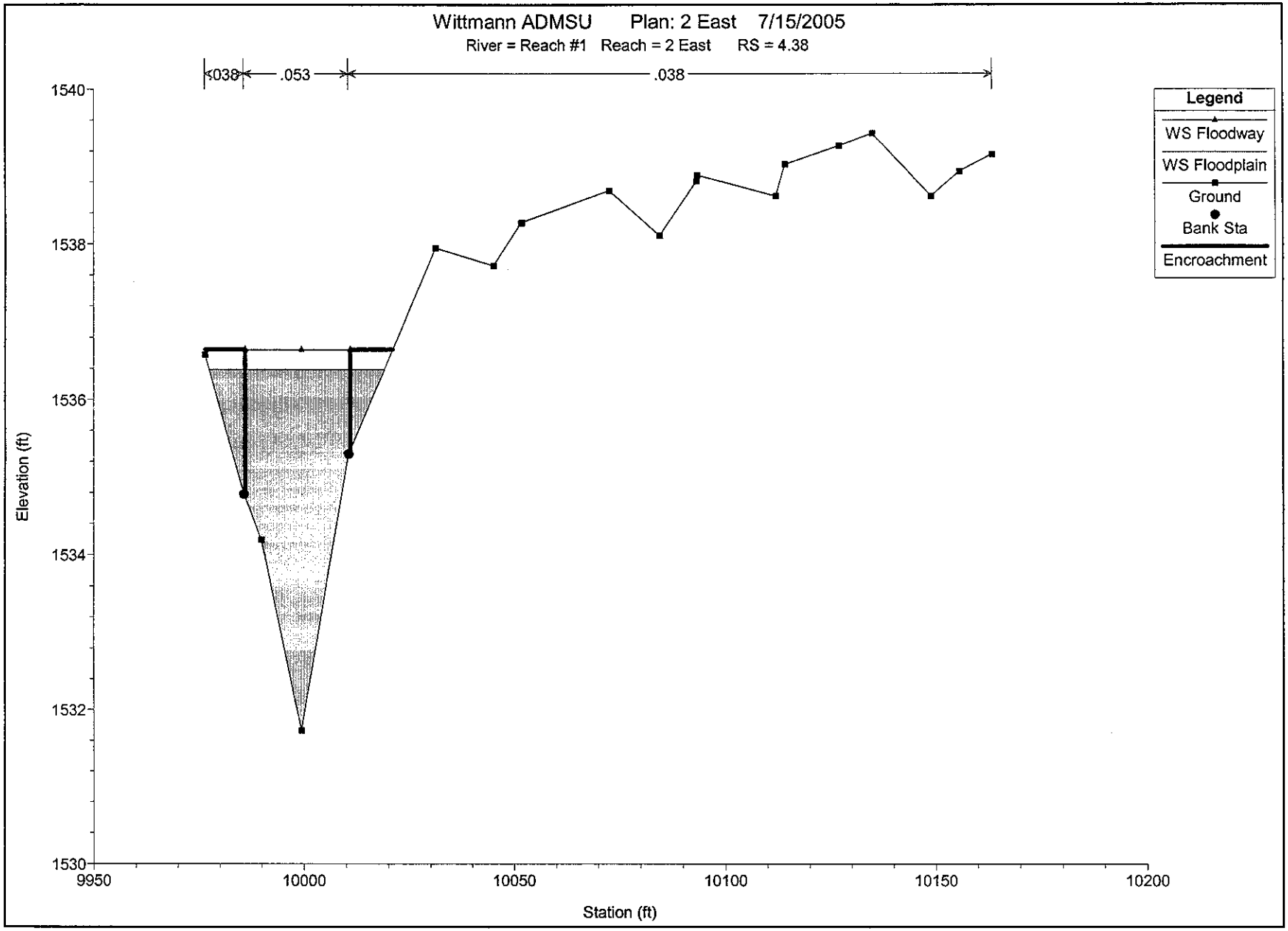

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.18 WSE controlled by Wash 1West
.044
.056
.041
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1500
1499
1498
1497
1496
1495
1494
1493
1492
9750
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

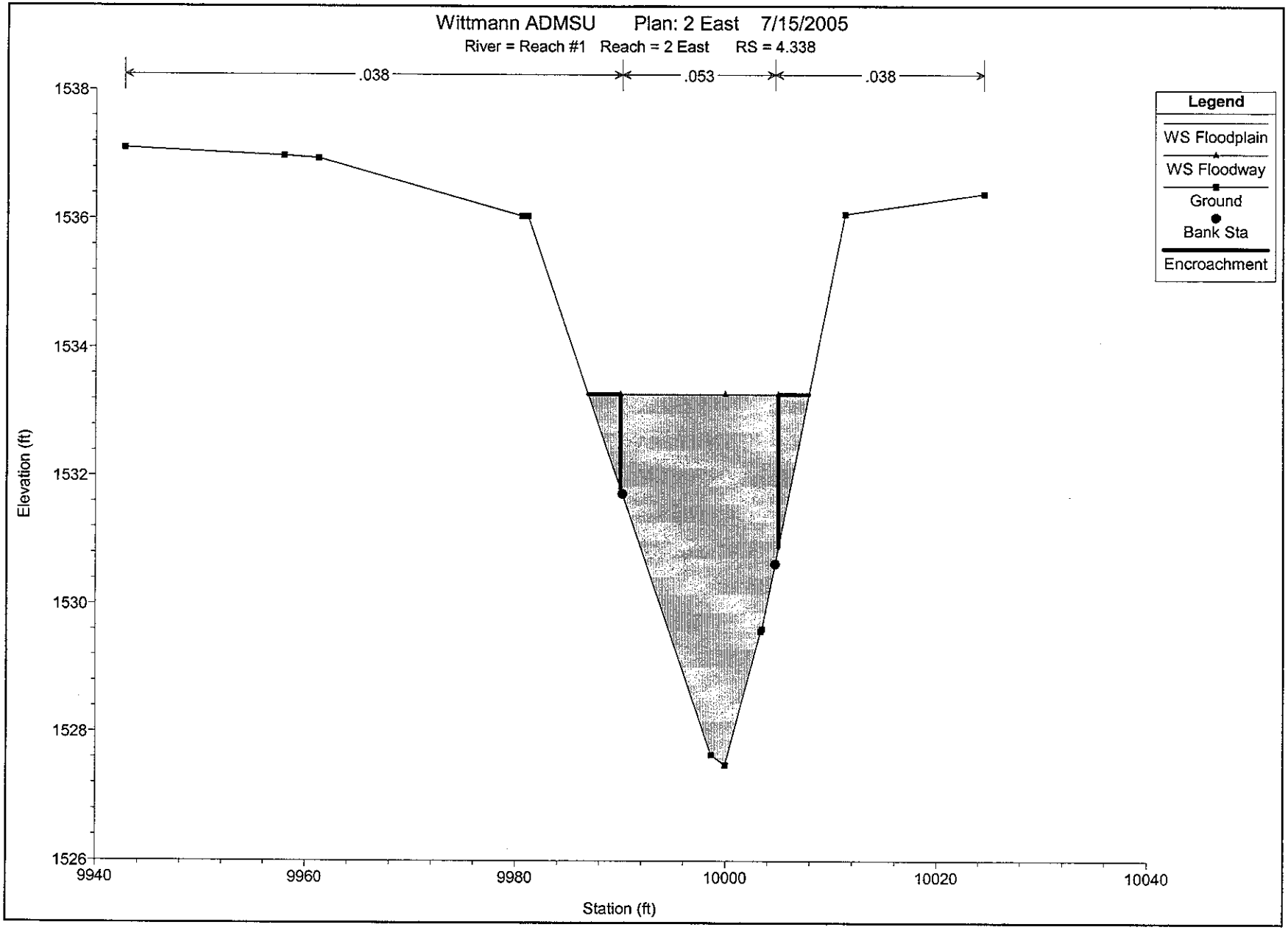

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.1
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1498
1496
1494
1492
1490
1488
1486
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

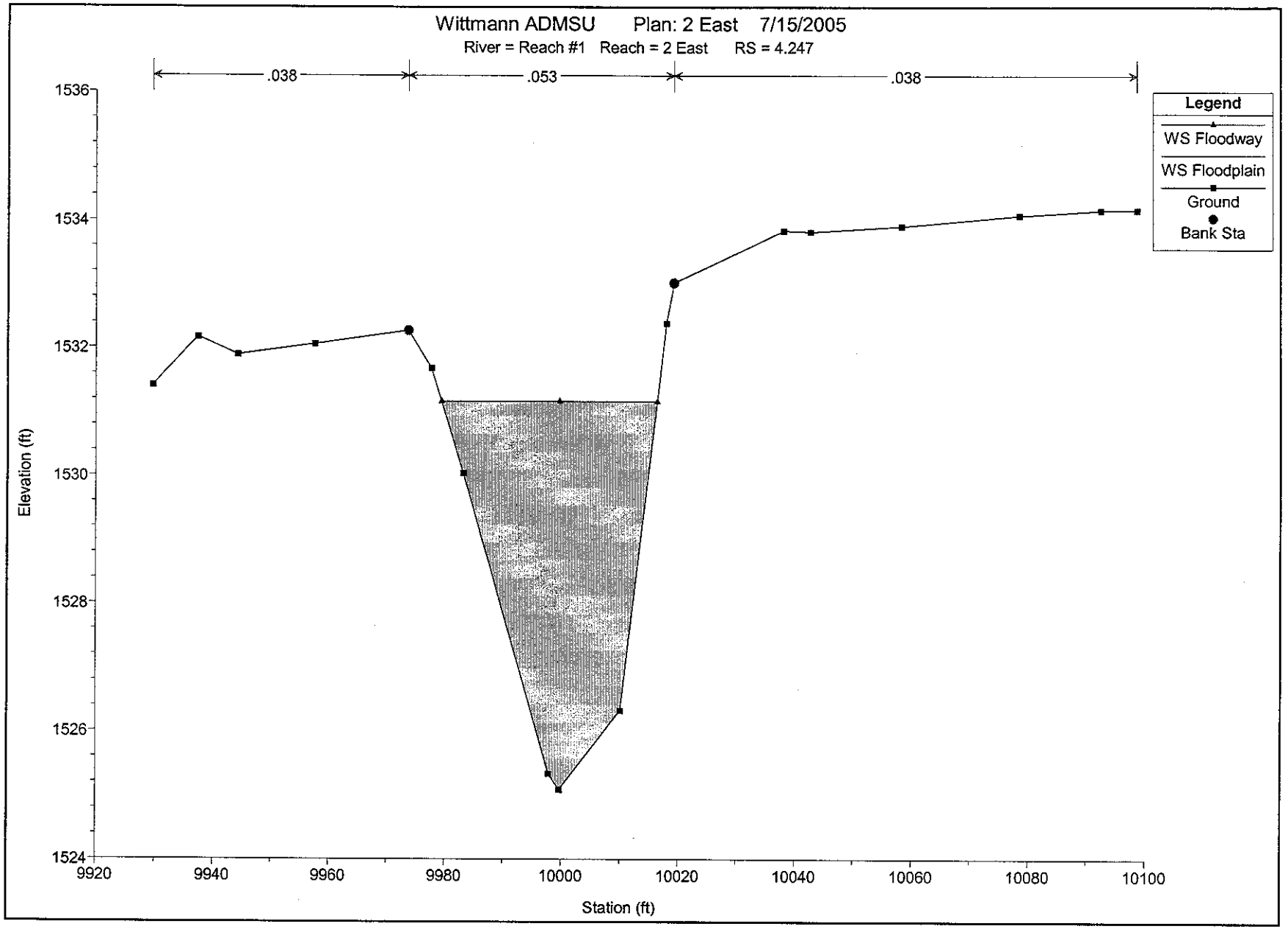

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0.05
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1494
1492
1490
1488
1486
1484
1482
9800
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

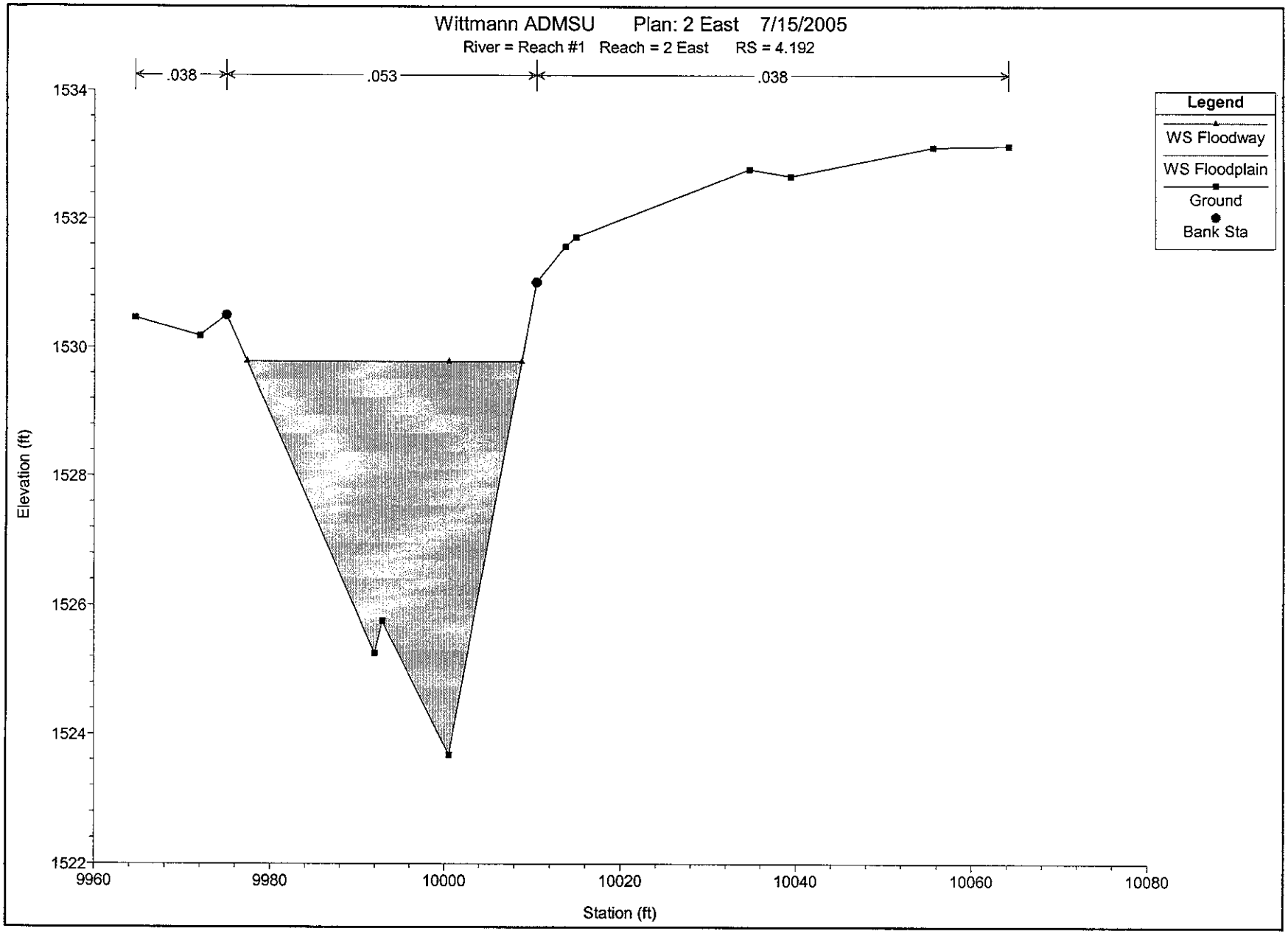

Wittmann ADMSU Plan: 1 East (South of CAP) 7/7/2005
River = Reach #1 Reach = 1 East (South of RS = 0
.044
.056
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1496
1494
1492
1490
1488
1486
1484
1482
1480
9800
9900
10000
10100
10200
10300
Station (ft)

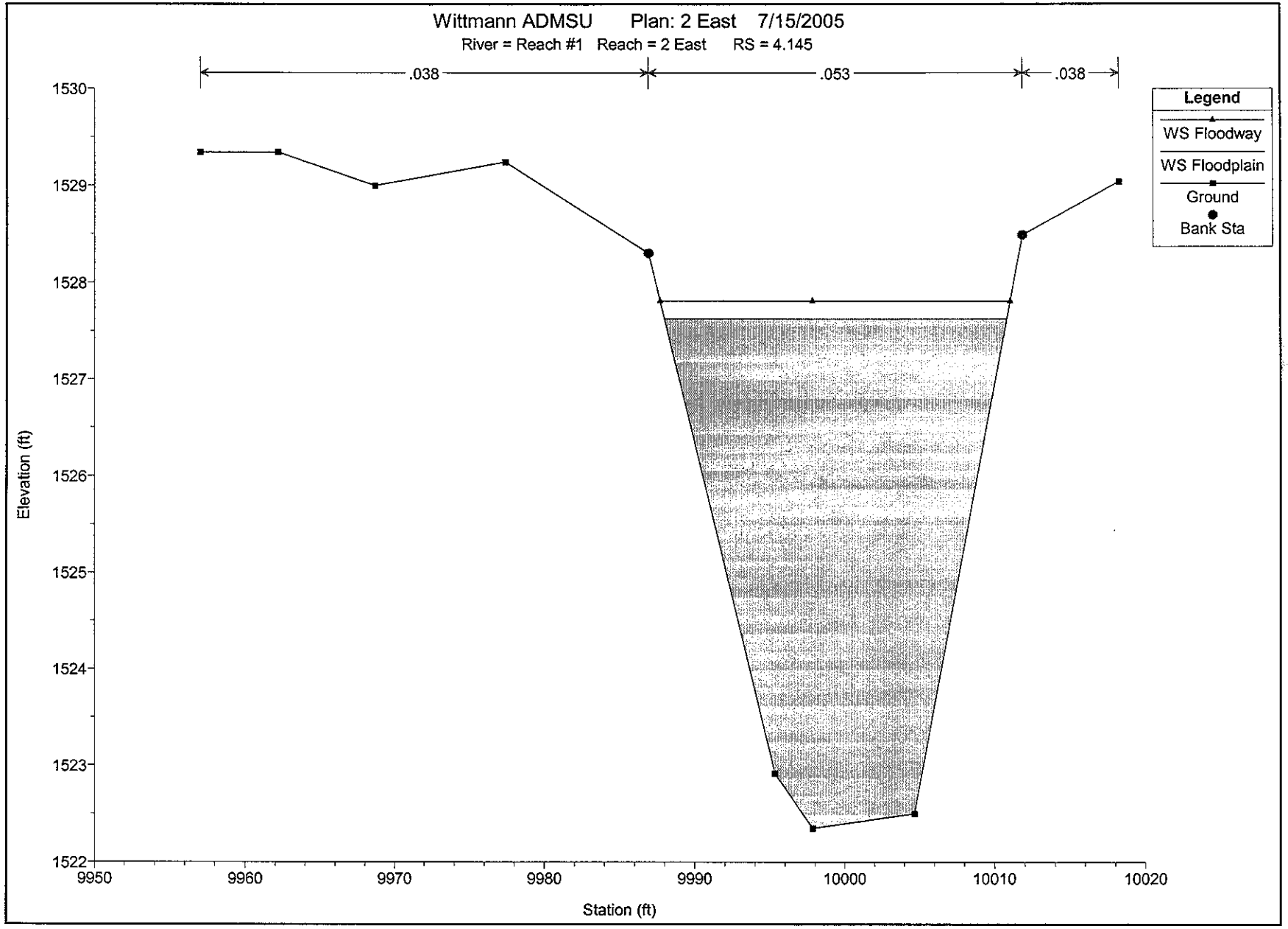
2 EAST (SOUTH OF CAP)

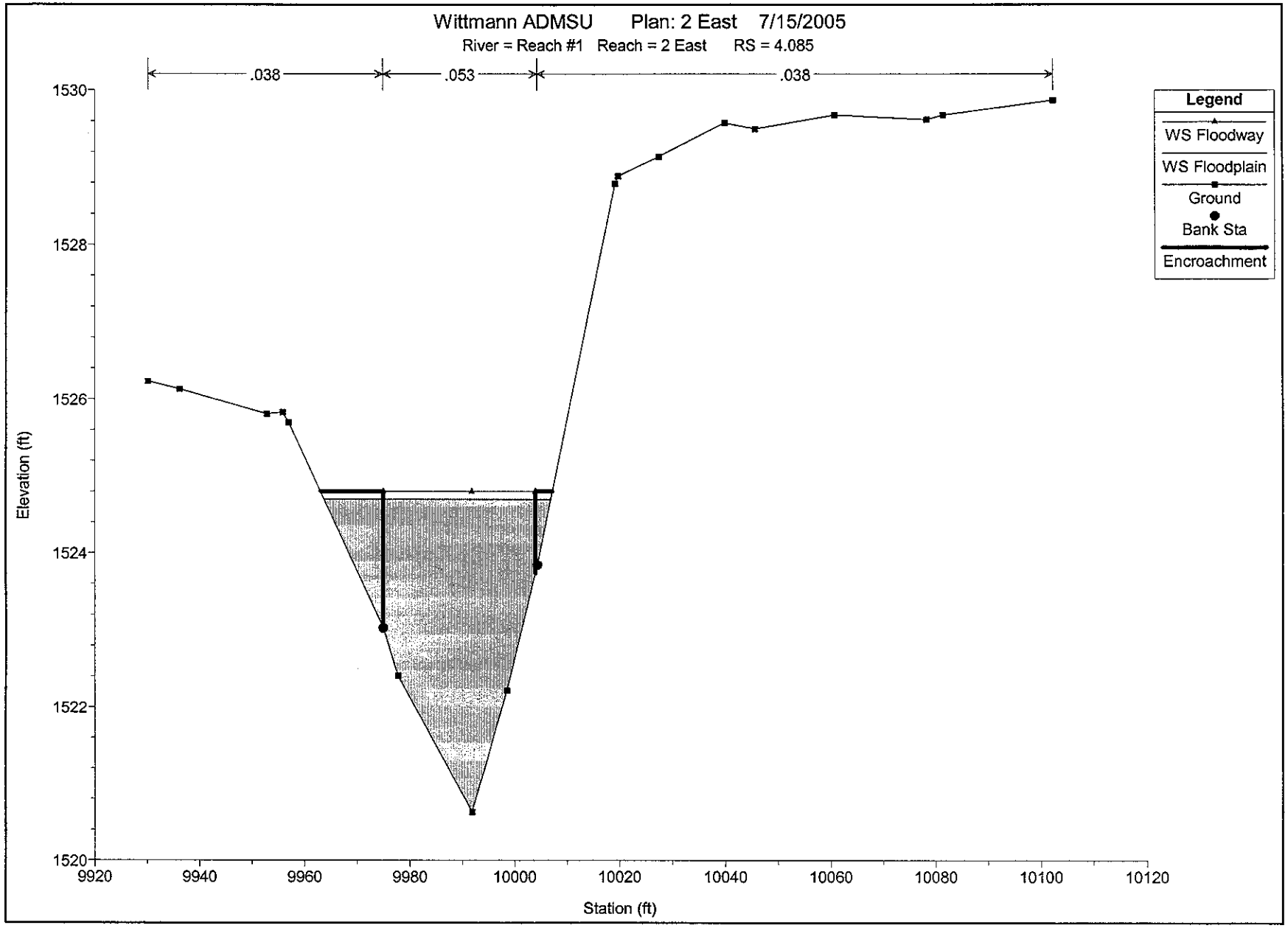

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 4.38
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1540
1538
1536
1534
1532
1530
9950
10000
10050
10100
10150
10200
Station (ft)

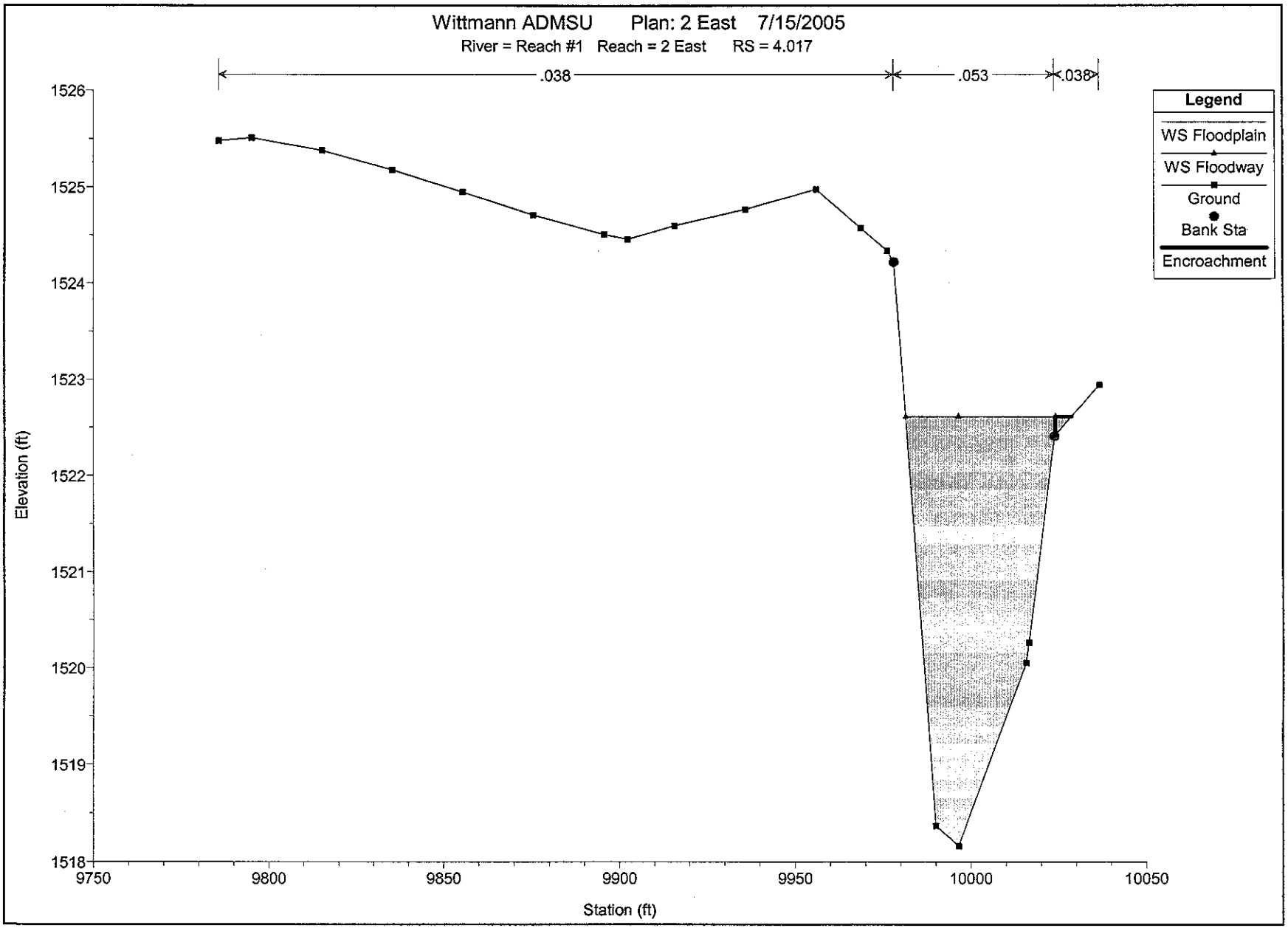

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 4.338
.038
.053
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1538
1536
1534
1532
1530
1528
1526
9940
9960
9980
10000
10020
10040
Station (ft)

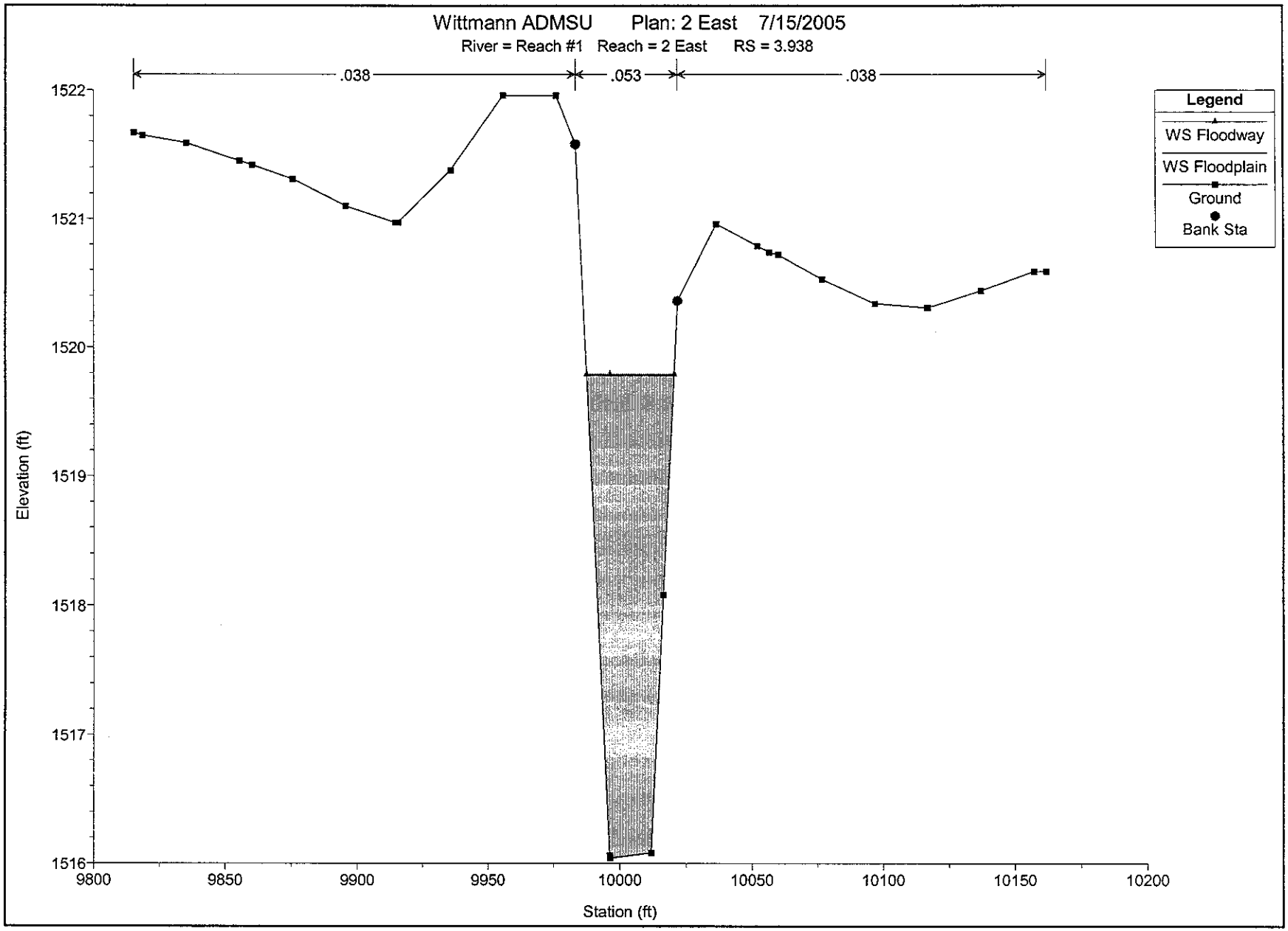

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 4.247
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1536
1534
1532
1530
1528
1526
1524
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

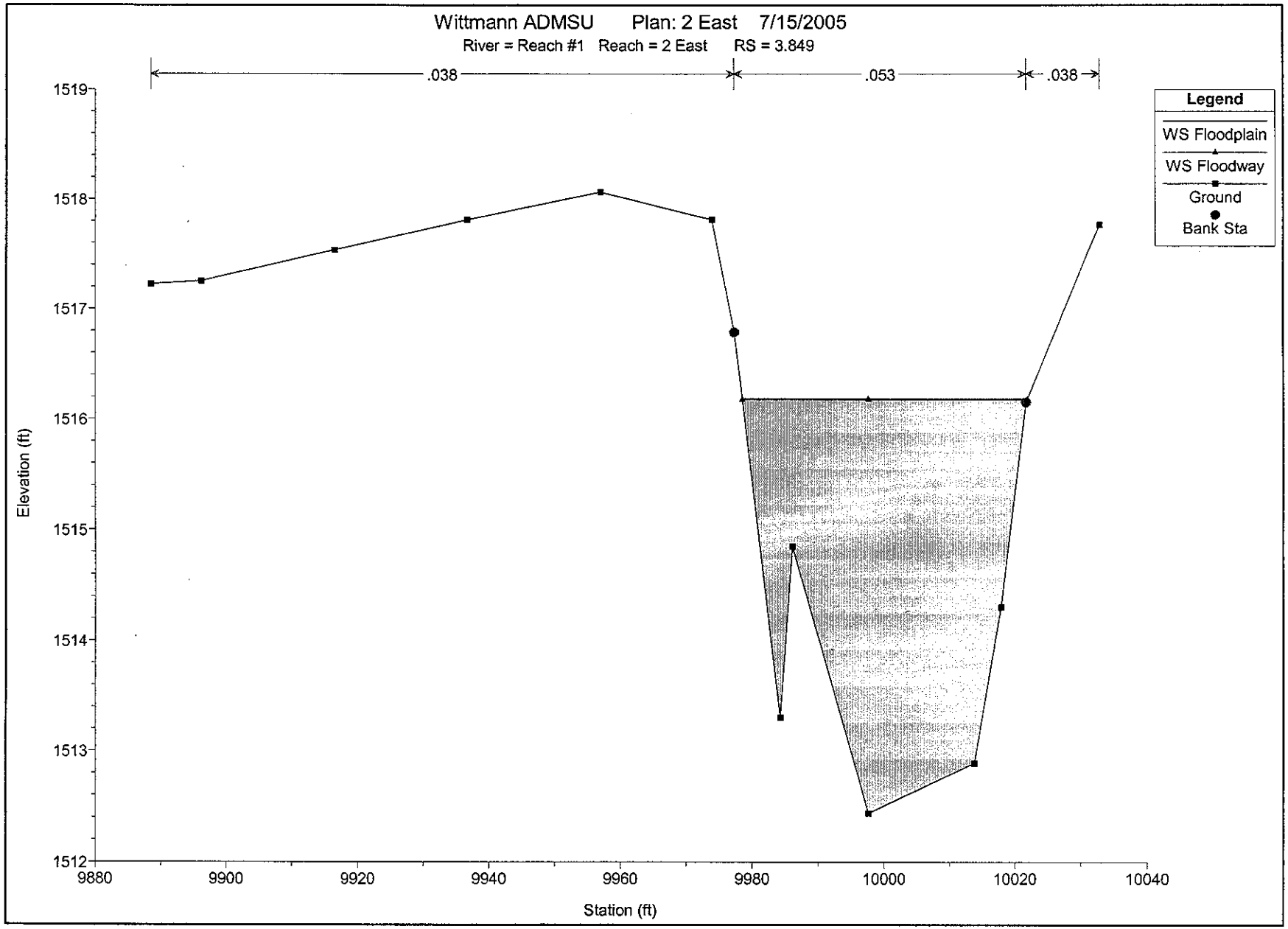

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 4.192
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1534
1532
1530
1528
1526
1524
1522
9960
9980
10000
10020
10040
10060
10080
Station (ft)

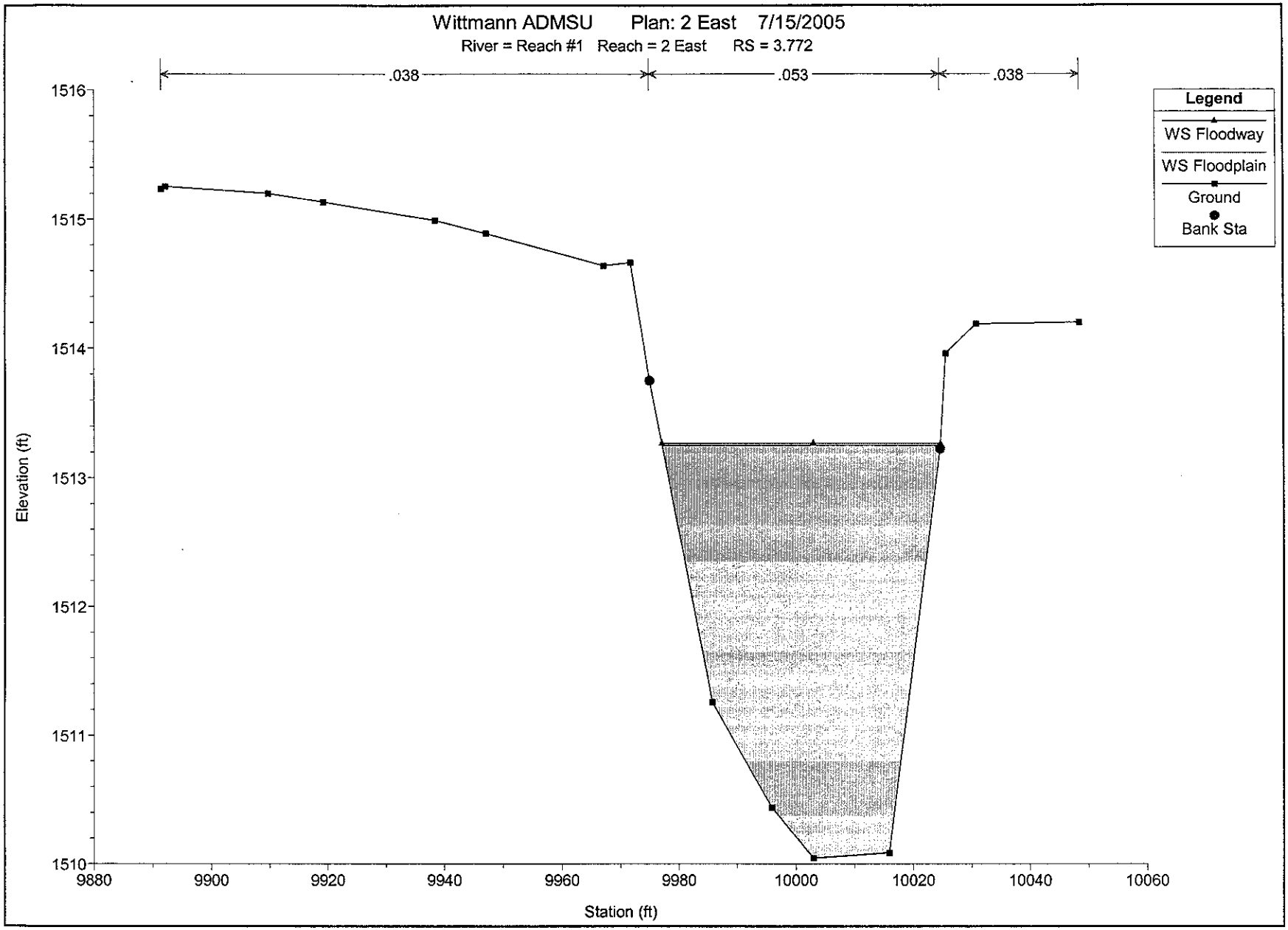

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 4.145
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1530
1529
1528
1527
1526
1525
1524
1523
1522
9950
9960
9970
9980
9990
10000
10010
10020
Station (ft)

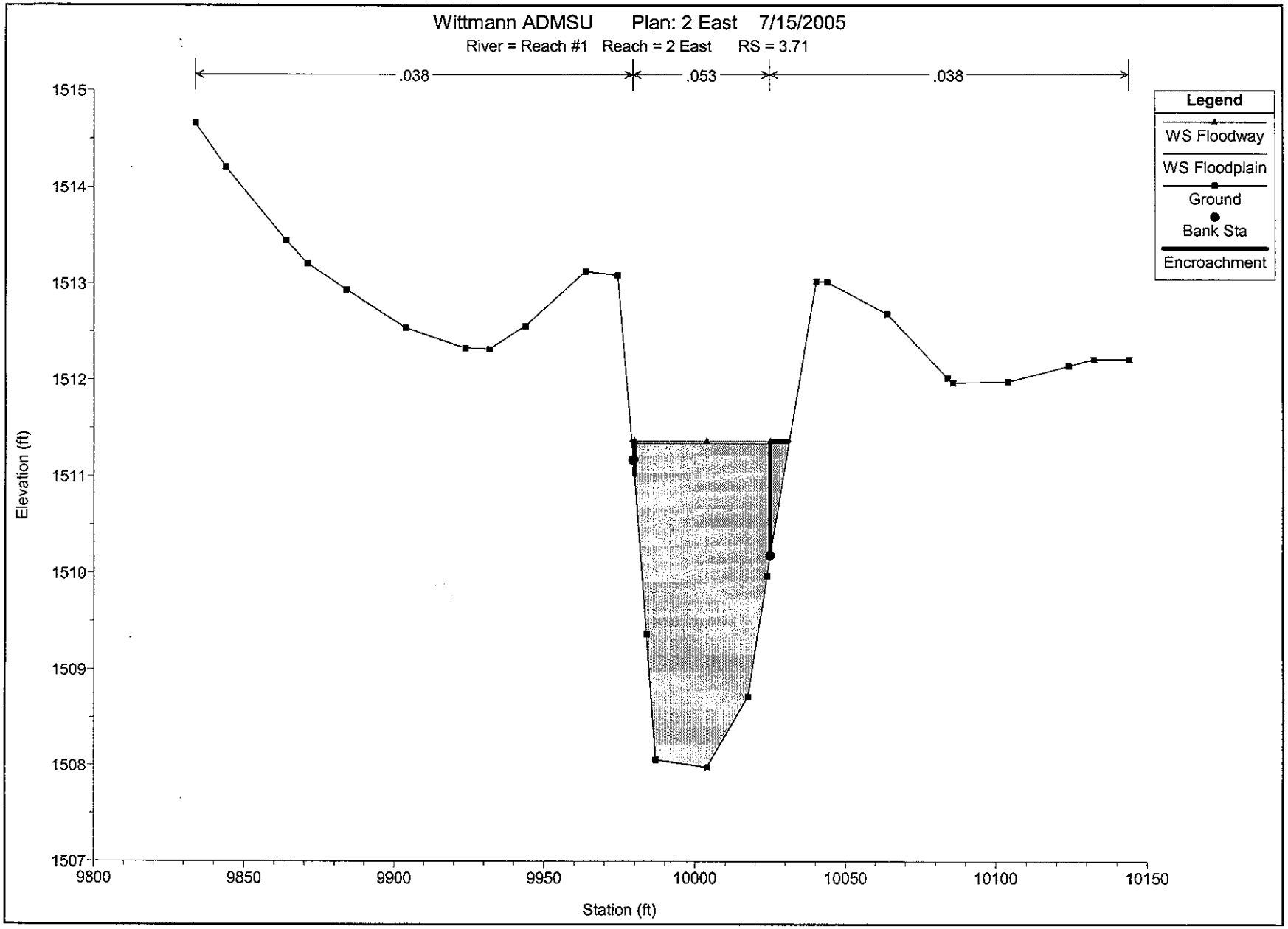

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 4.085
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1530
1528
1526
1524
1522
1520
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
10120
Station (ft)

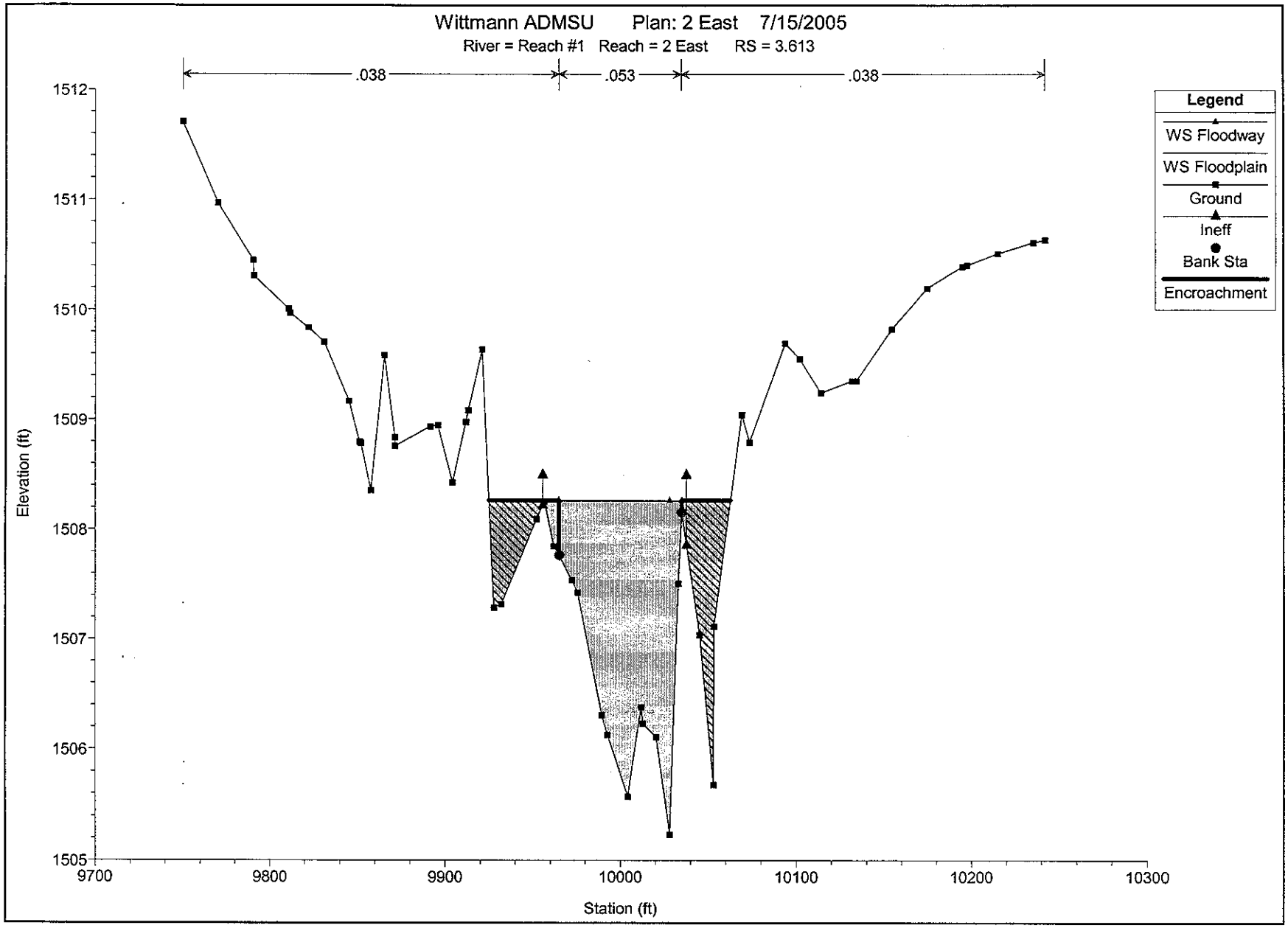

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 4.017
.038
.053
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1526
1525
1524
1523
1522
1521
1520
1519
1518
9750
9800
9850
9900
9950
10000
10050
Station (ft)

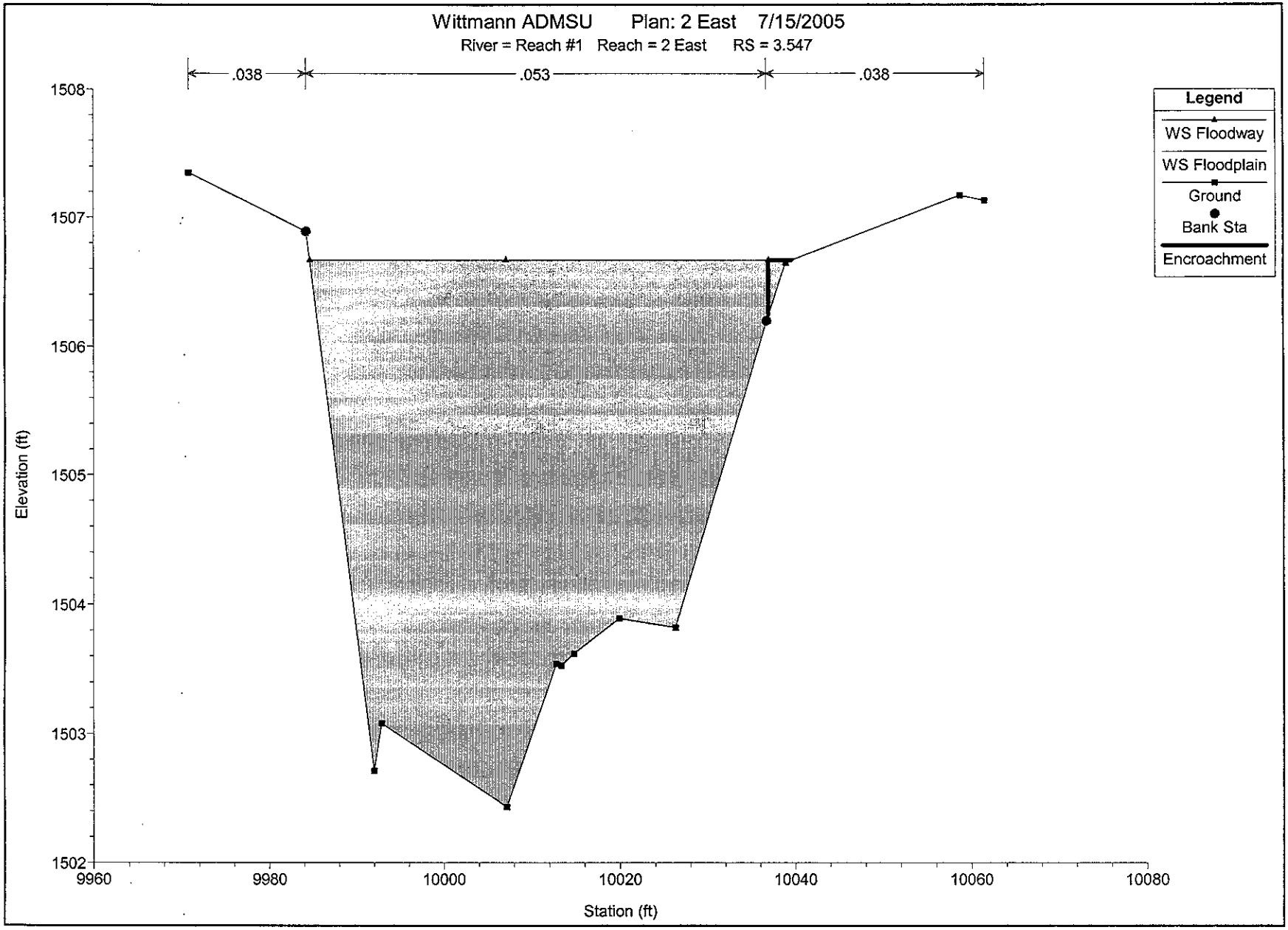

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.938
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1522
1521
1520
1519
1518
1517
1516
9800
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

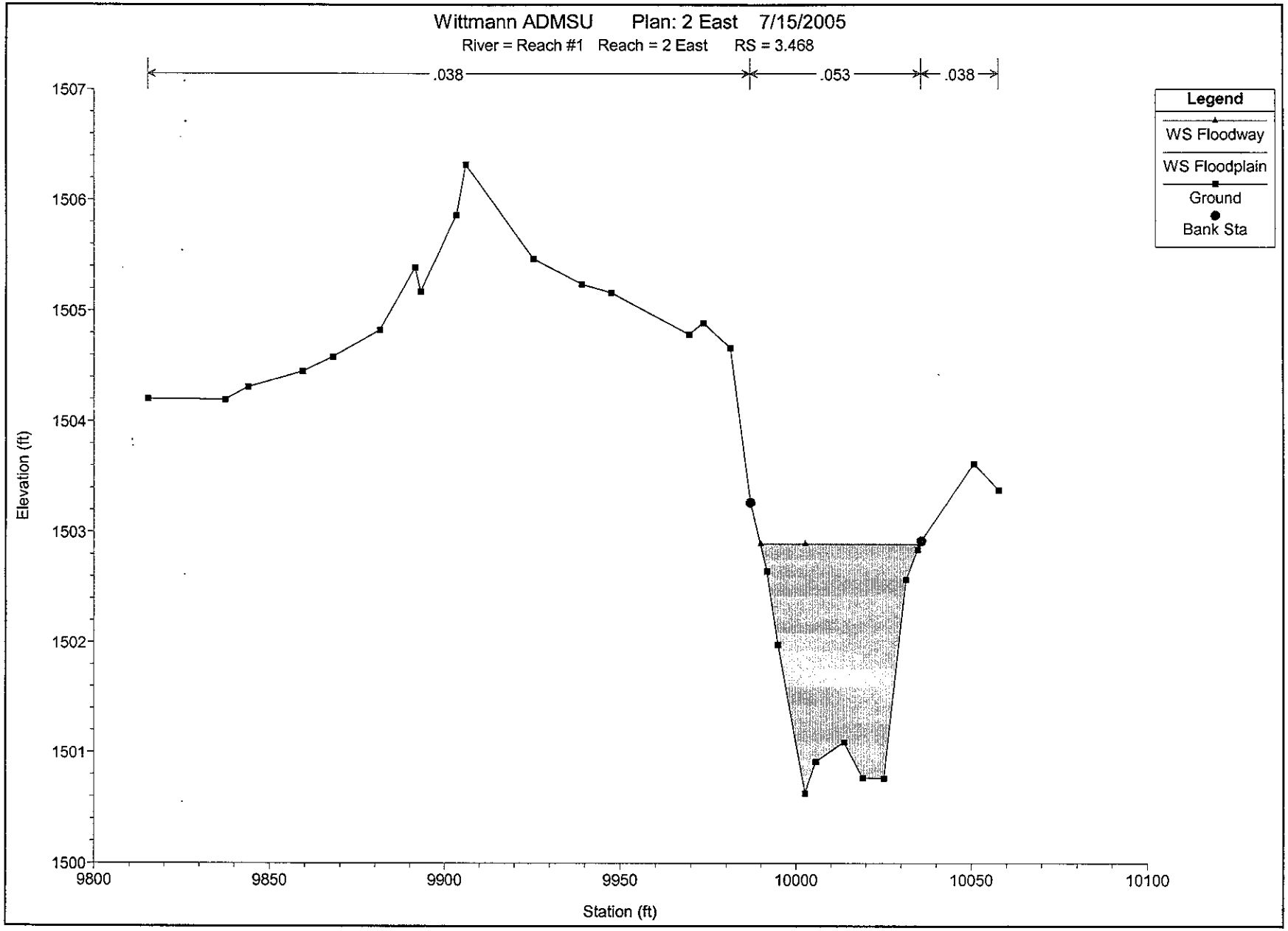

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.849
.038
.053
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1519
1518
1517
1516
1515
1514
1513
1512
9880
9900
9920
9940
9960
9980
10000
10020
10040
Station (ft)

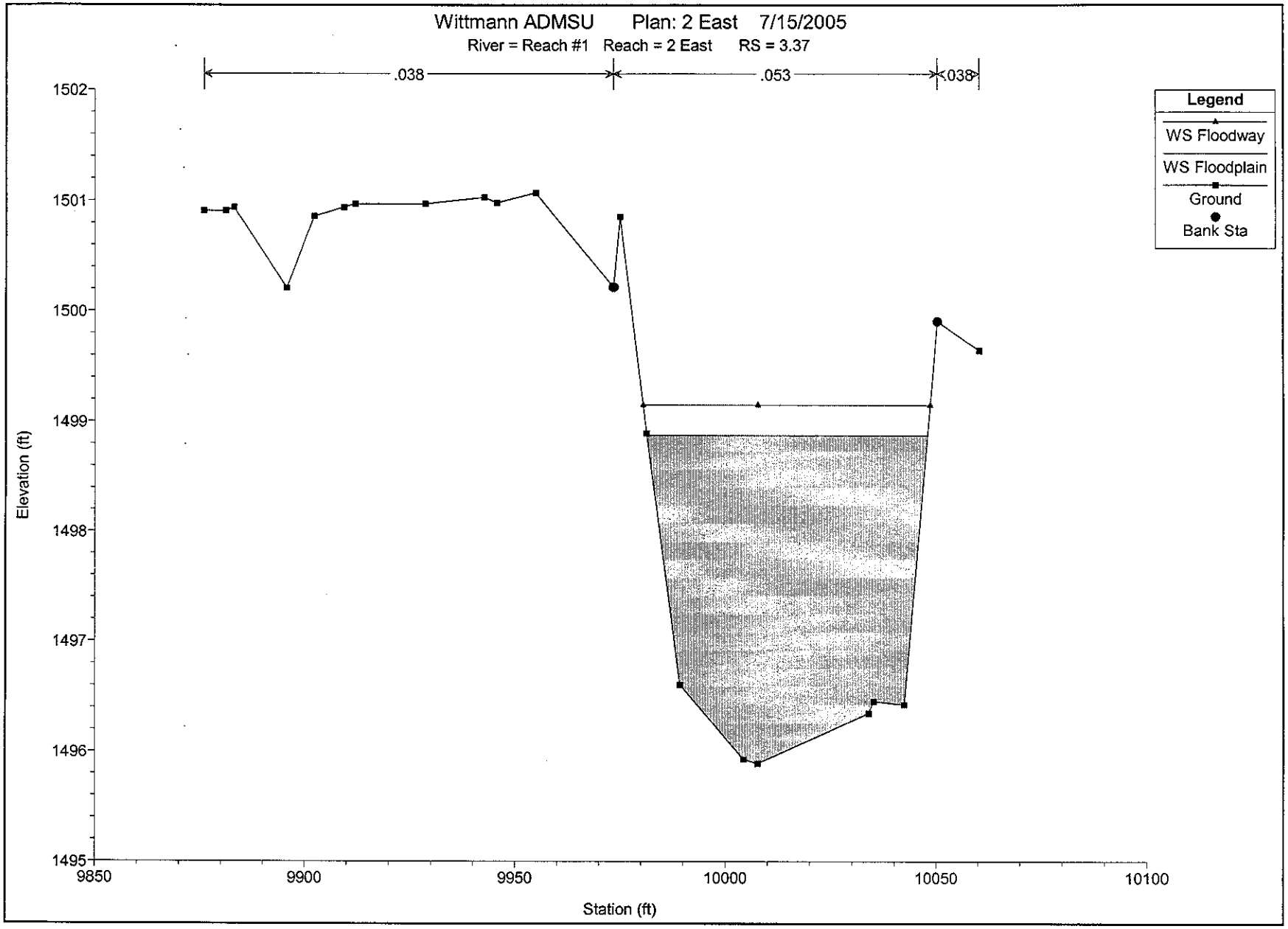

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.772
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1516
1515
1514
1513
1512
1511
1510
9880
9900
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

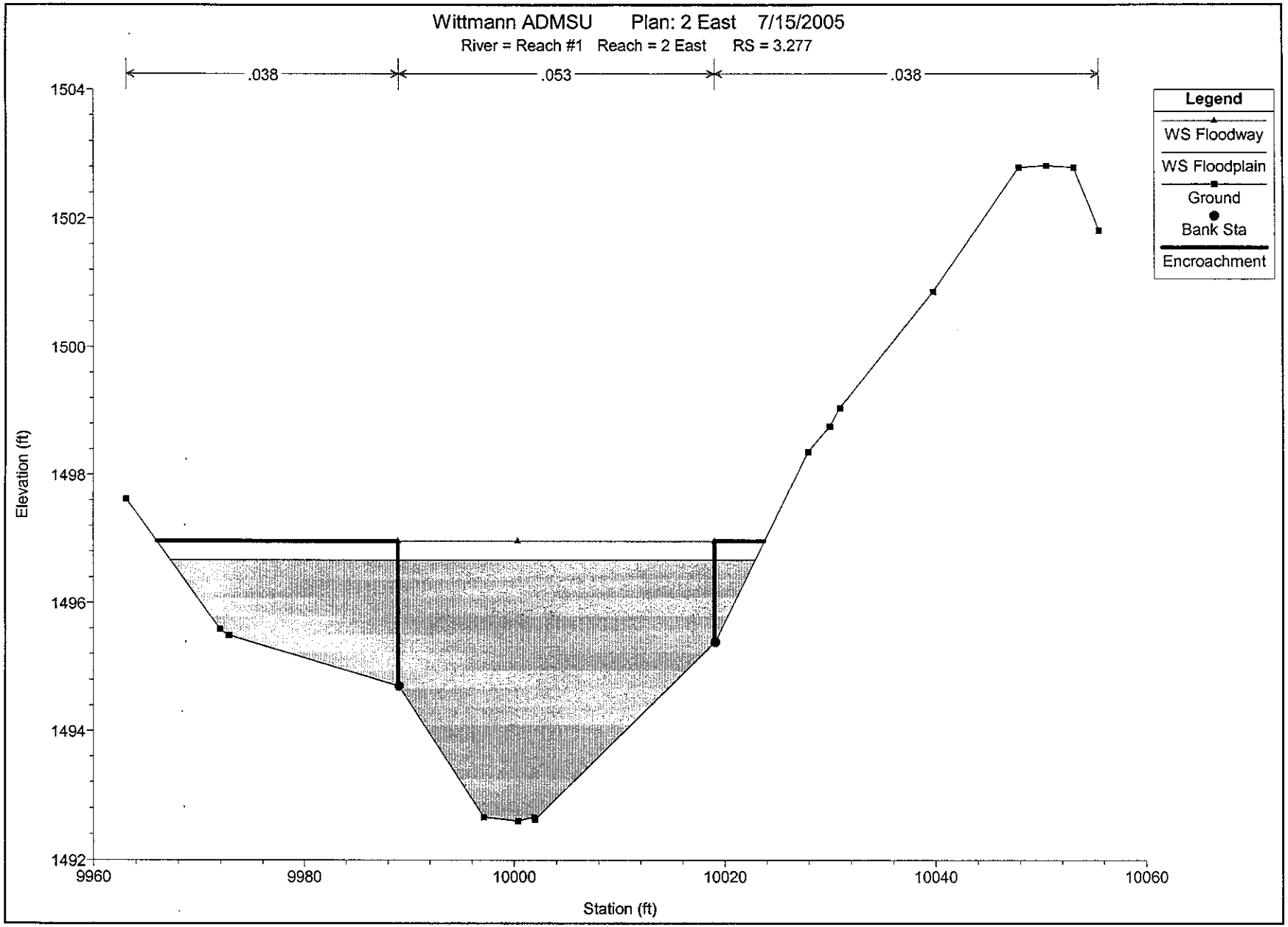

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.71
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1515
1514
1513
1512
1511
1510
1509
1508
1507
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

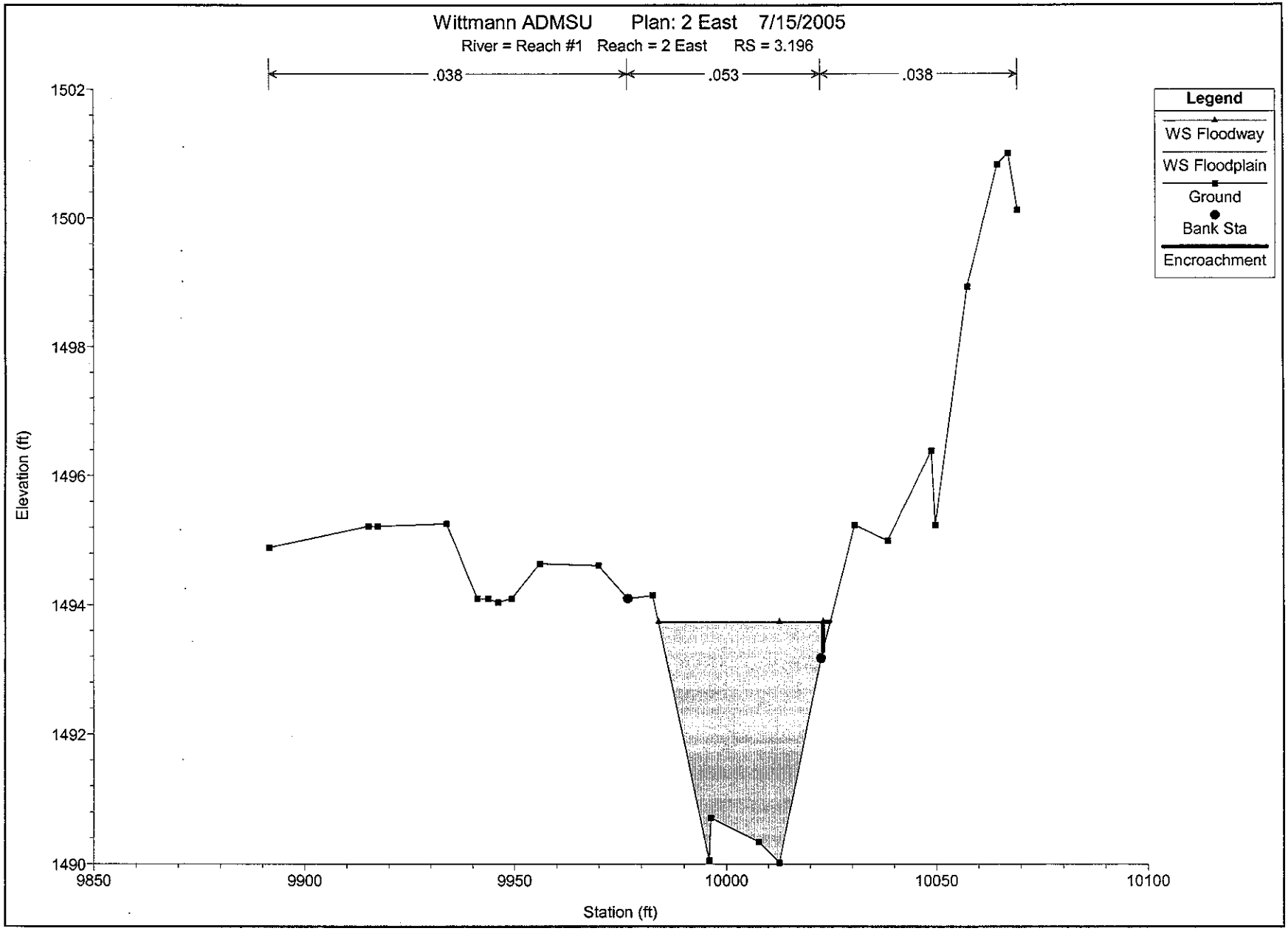

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.613
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1512
1511
1510
1509
1508
1507
1506
1505
9700
9800
9900
10000
10100
10200
10300
Station (ft)

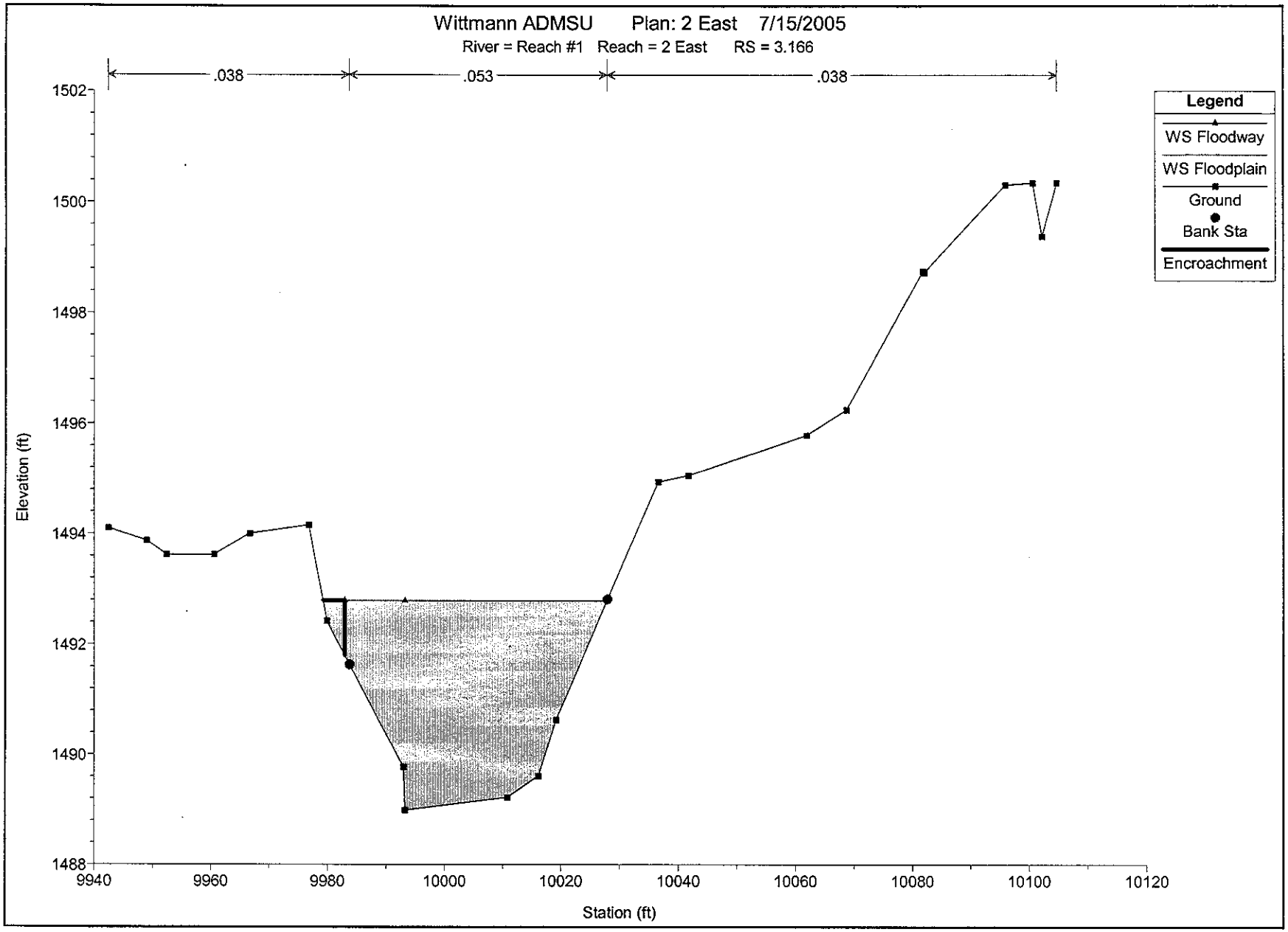

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.547
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1508
1507
1506
1505
1504
1503
1502
9960
9980
10000
10020
10040
10060
10080
Station (ft)

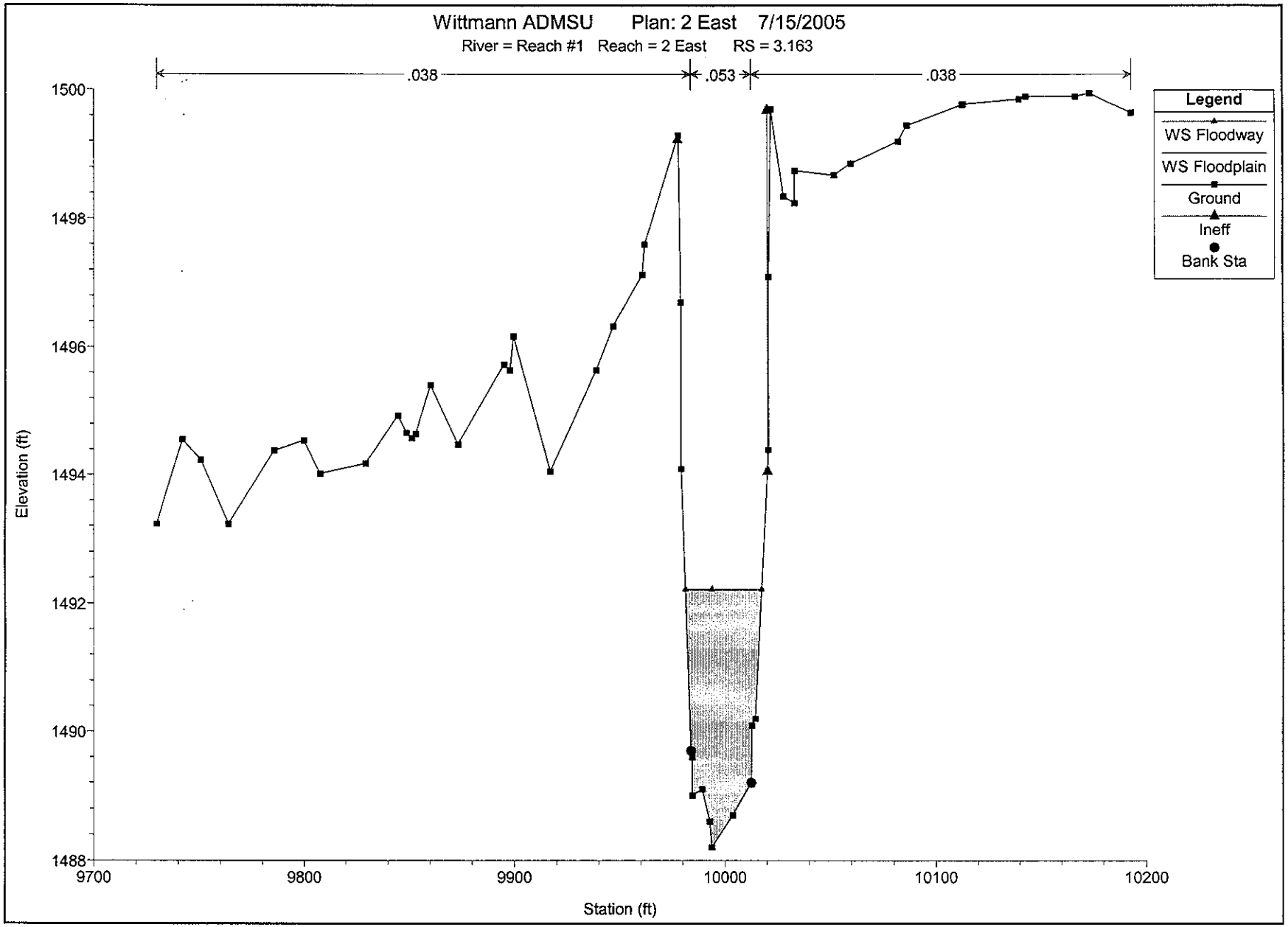

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.468
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1507
1506
1505
1504
1503
1502
1501
1500
9800
9850
9900
9950
10000
10050
10100
Station (ft)

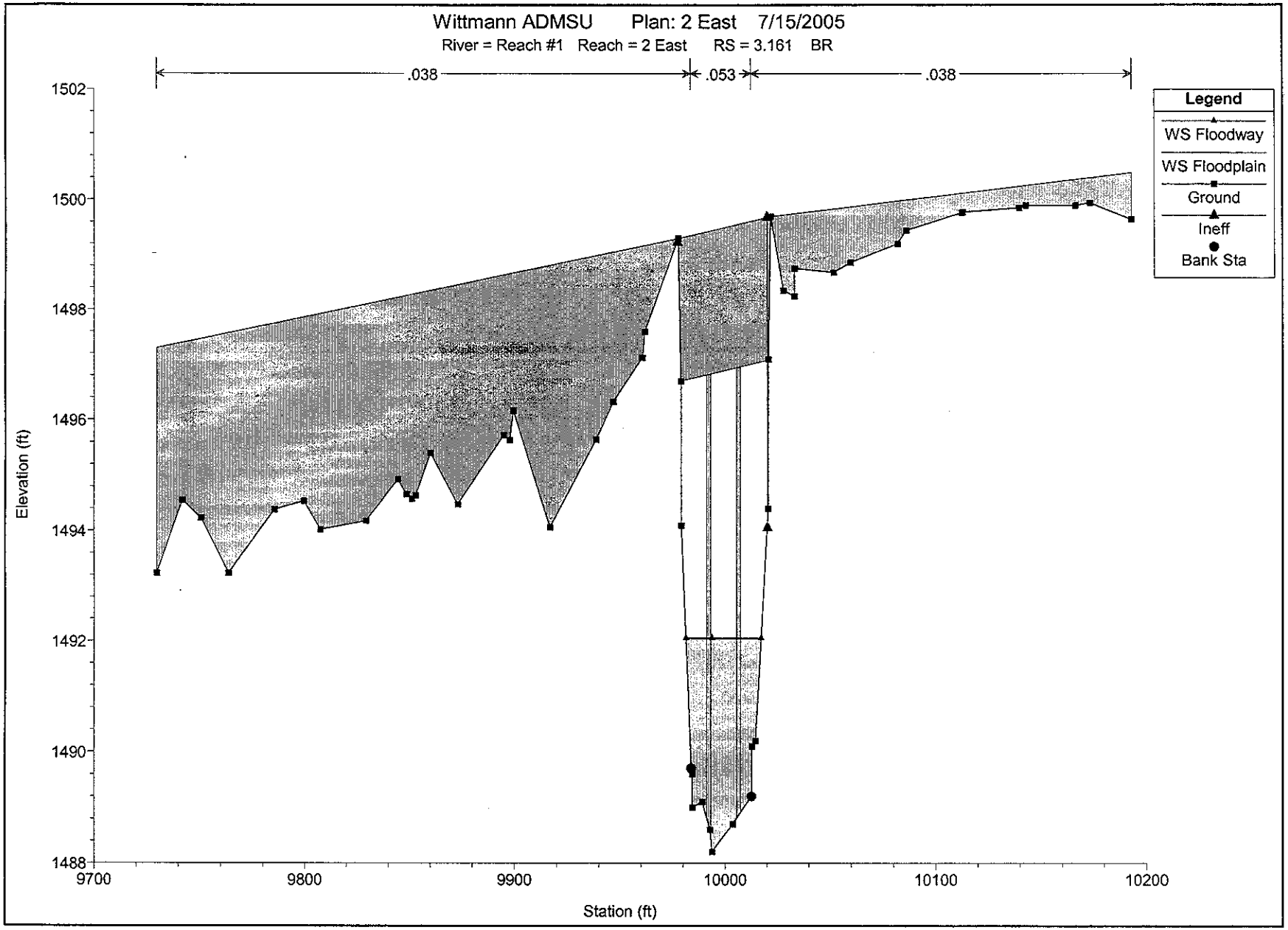

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.37
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1502
1501
1500
1499
1498
1497
1496
1495
9850
9900
9950
10000
10050
10100
Station (ft)

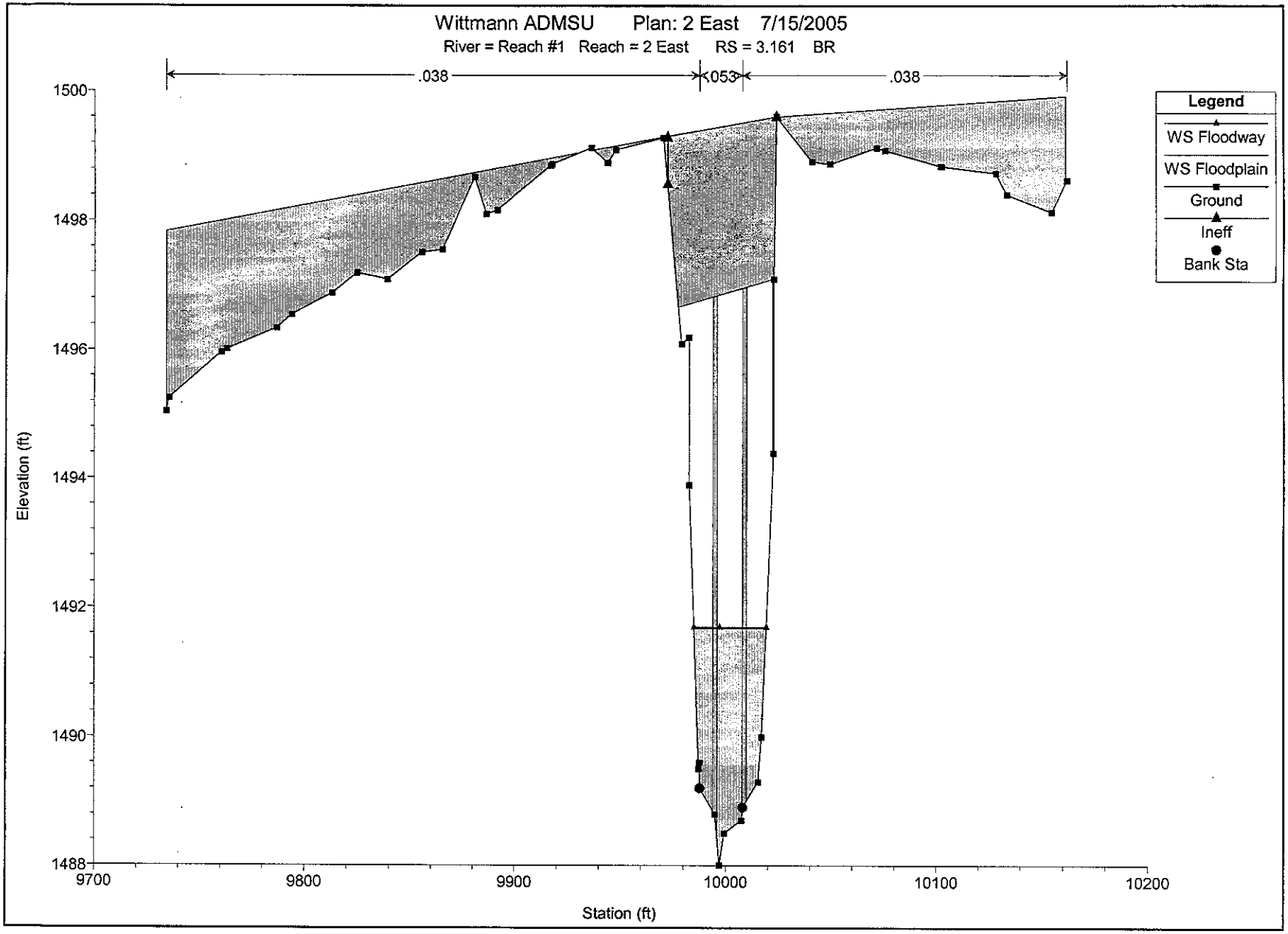

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.277
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1504
1502
1500
1498
1496
1494
1492
9960
9980
10000
10020
10040
10060
Station (ft)

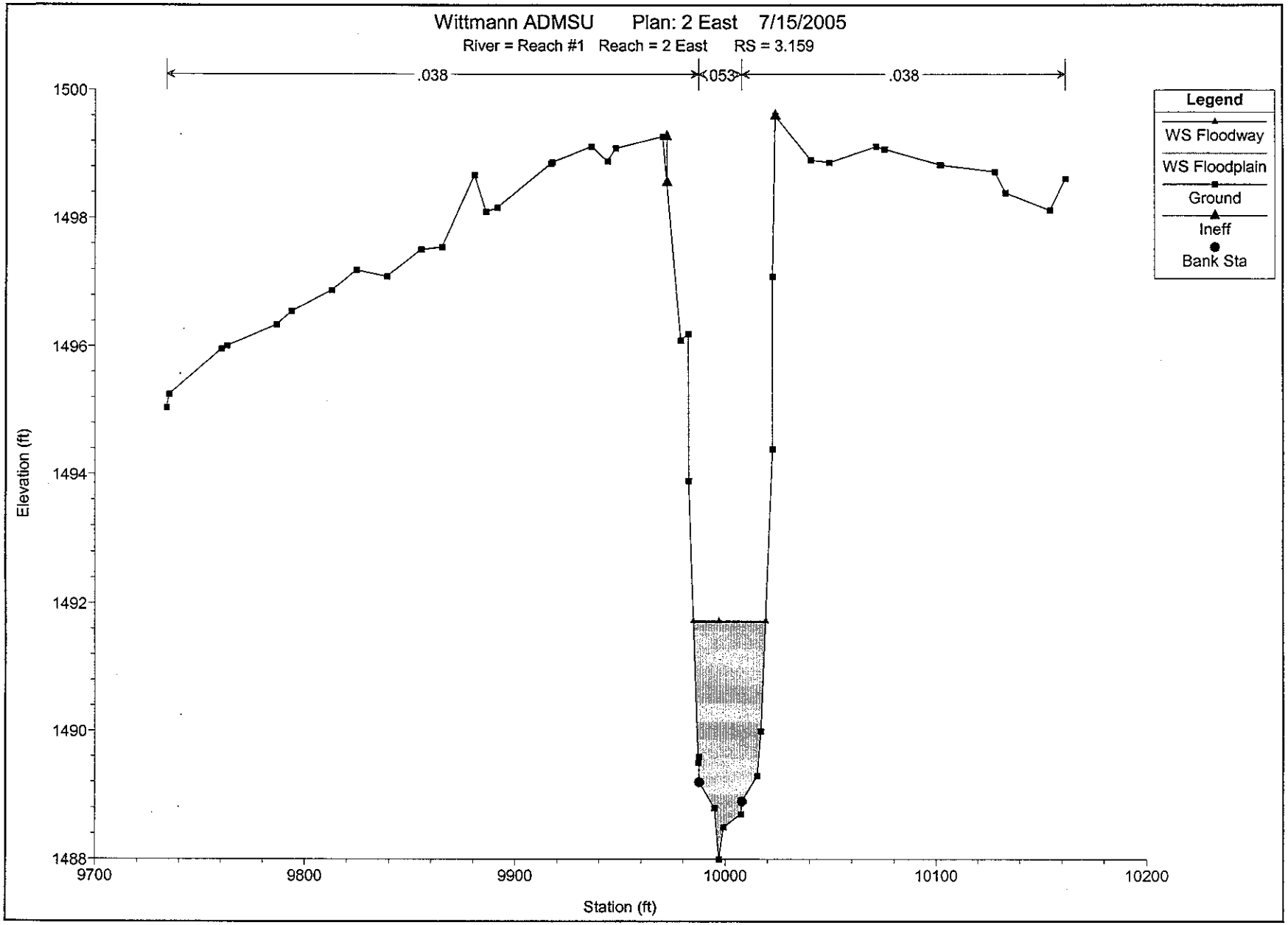

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.196
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1502
1500
1498
1496
1494
1492
1490
9850
9900
9950
10000
10050
10100
Station (ft)

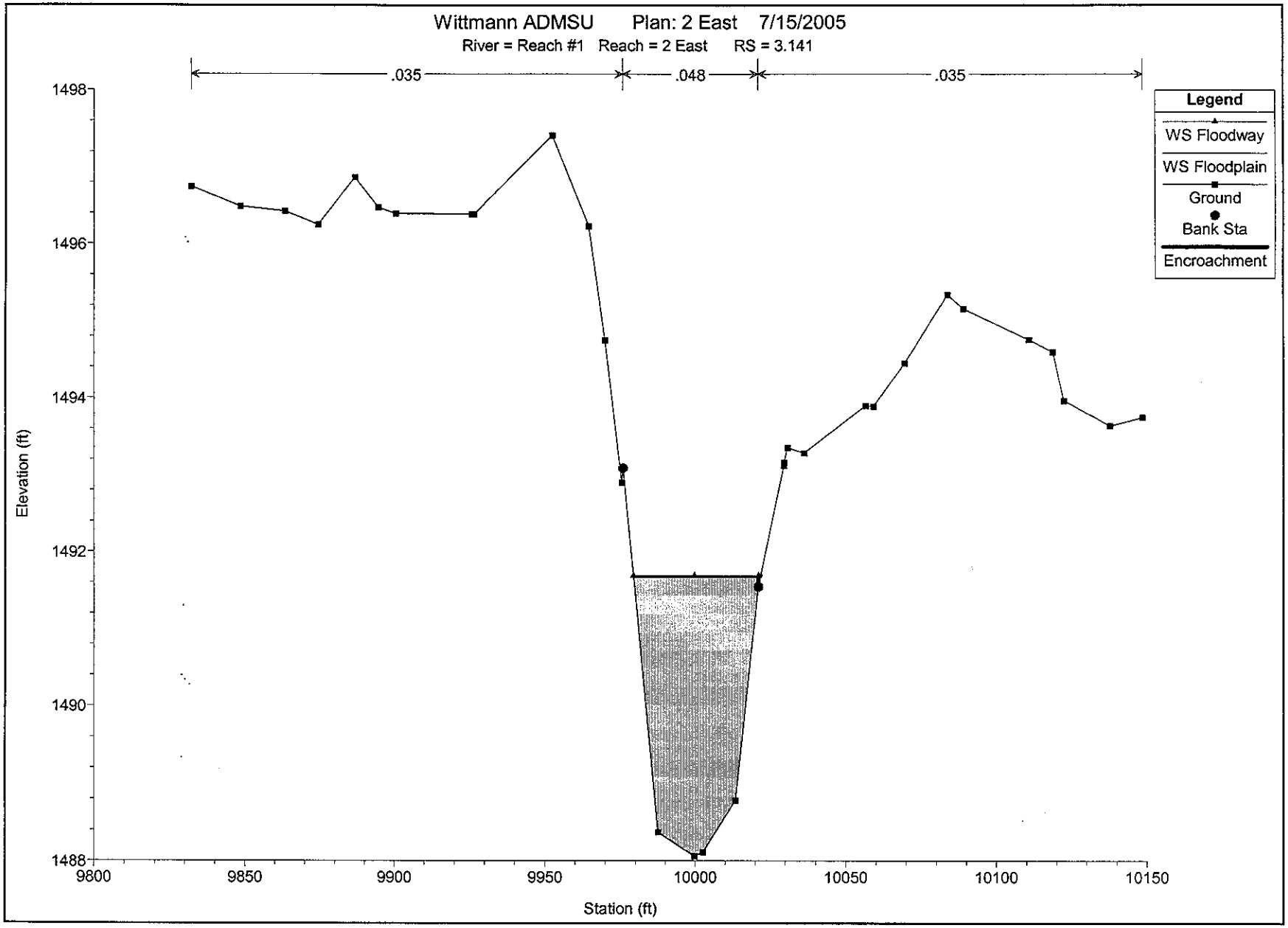

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.166
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1502
1500
1498
1496
1494
1492
1490
1488
9940
9960
9980
10000
10020
10040
10060
10080
10100
10120
Station (ft)

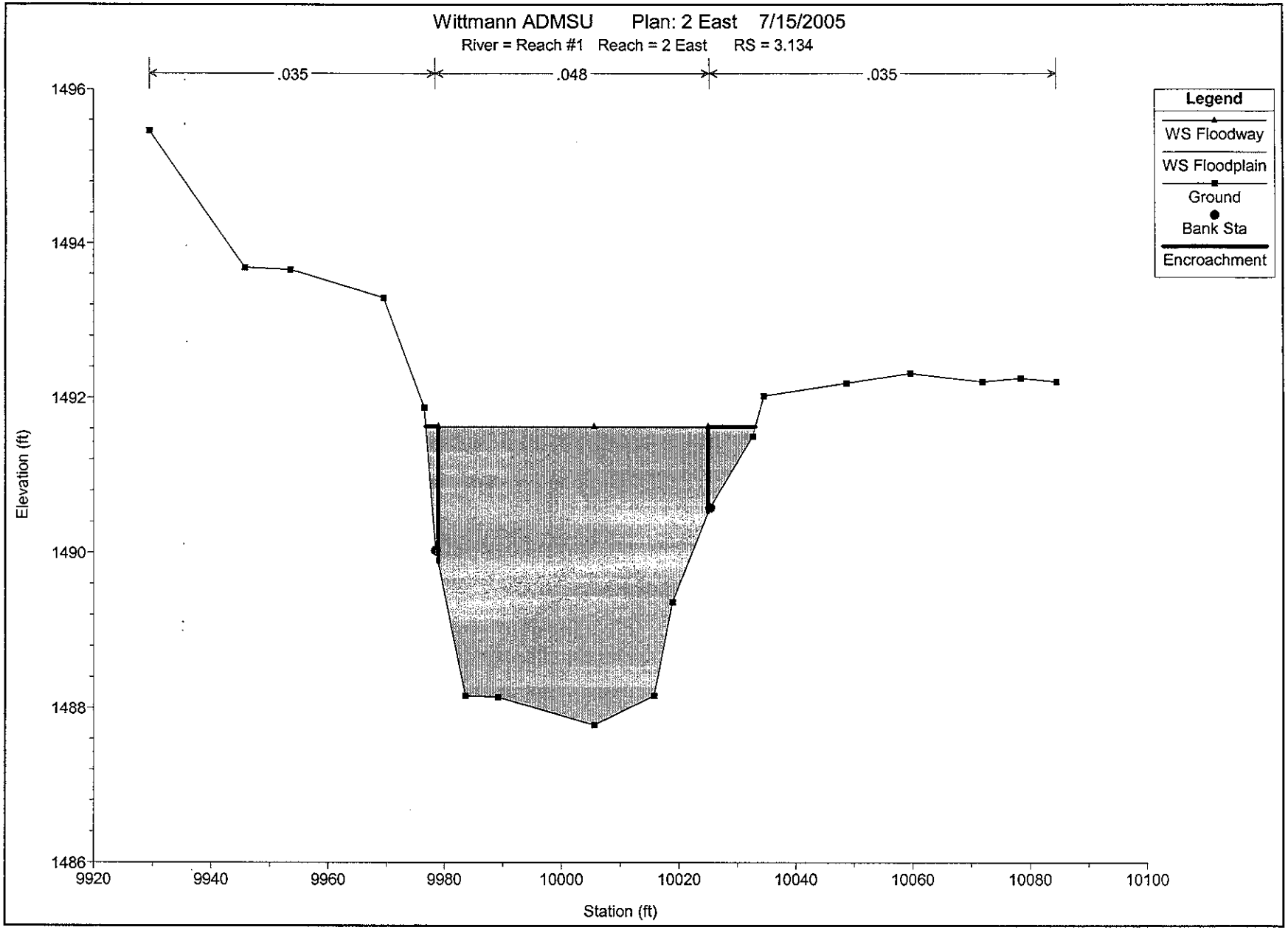

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.163
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Elevation (ft)
1500
1498
1496
1494
1492
1490
1488
9700
9800
9900
10000
10100
10200
Station (ft)

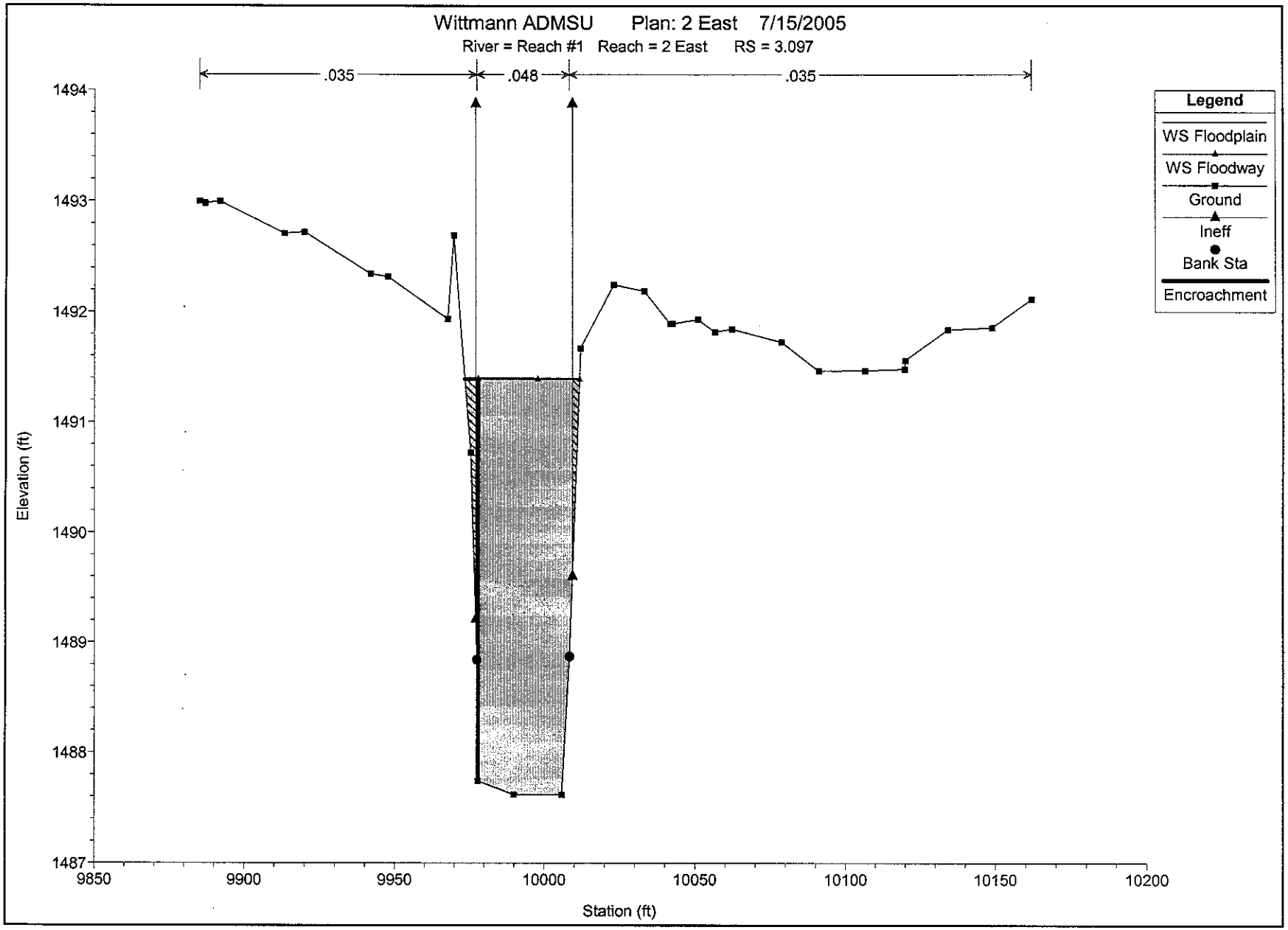

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.161 BR
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Elevation (ft)
1502
1500
1498
1496
1494
1492
1490
1488
9700
9800
9900
10000
10100
10200
Station (ft)

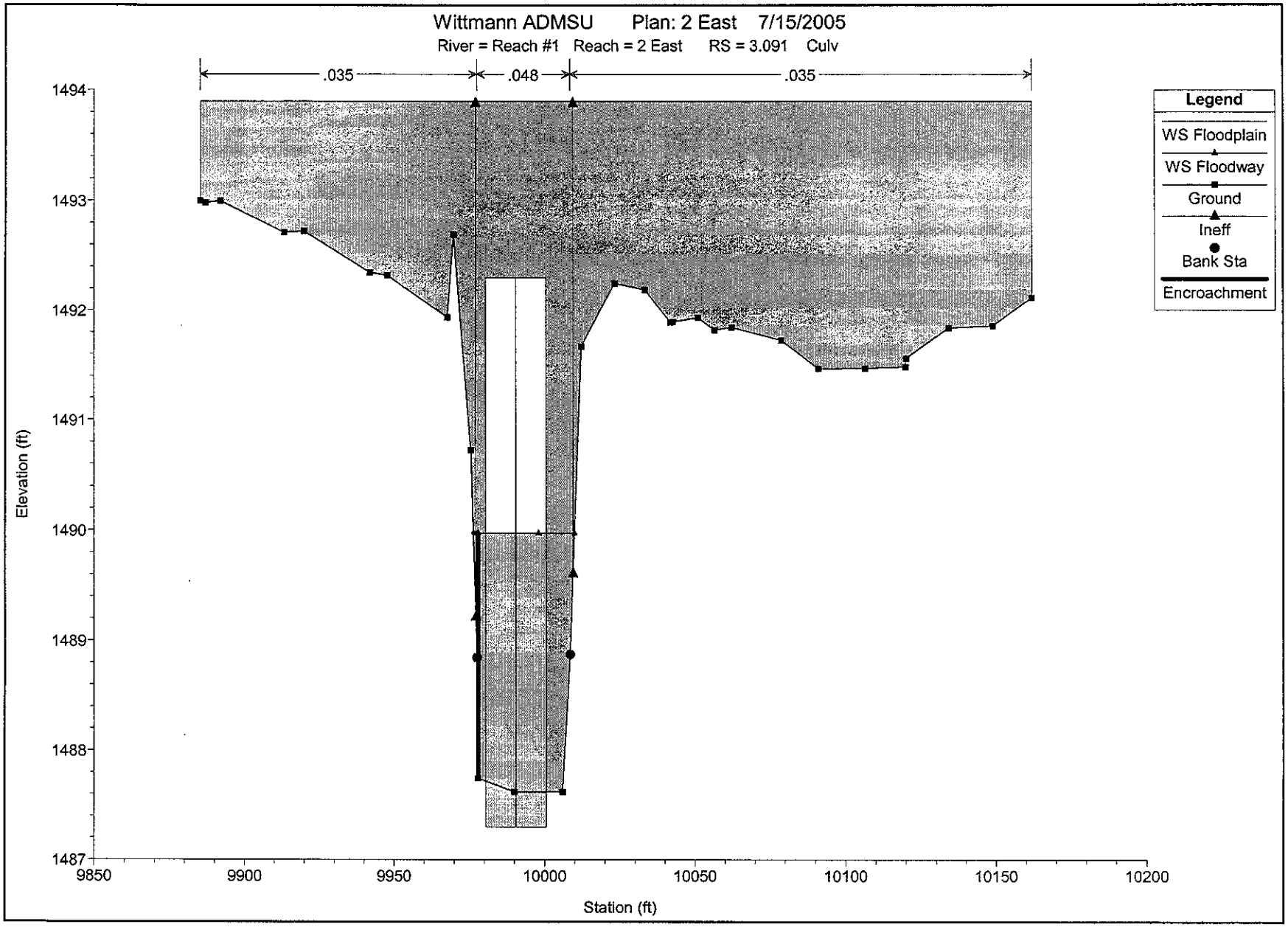

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.161 BR
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Elevation (ft)
1500
1498
1496
1494
1492
1490
1488
9700
9800
9900
10000
10100
10200
Station (ft)

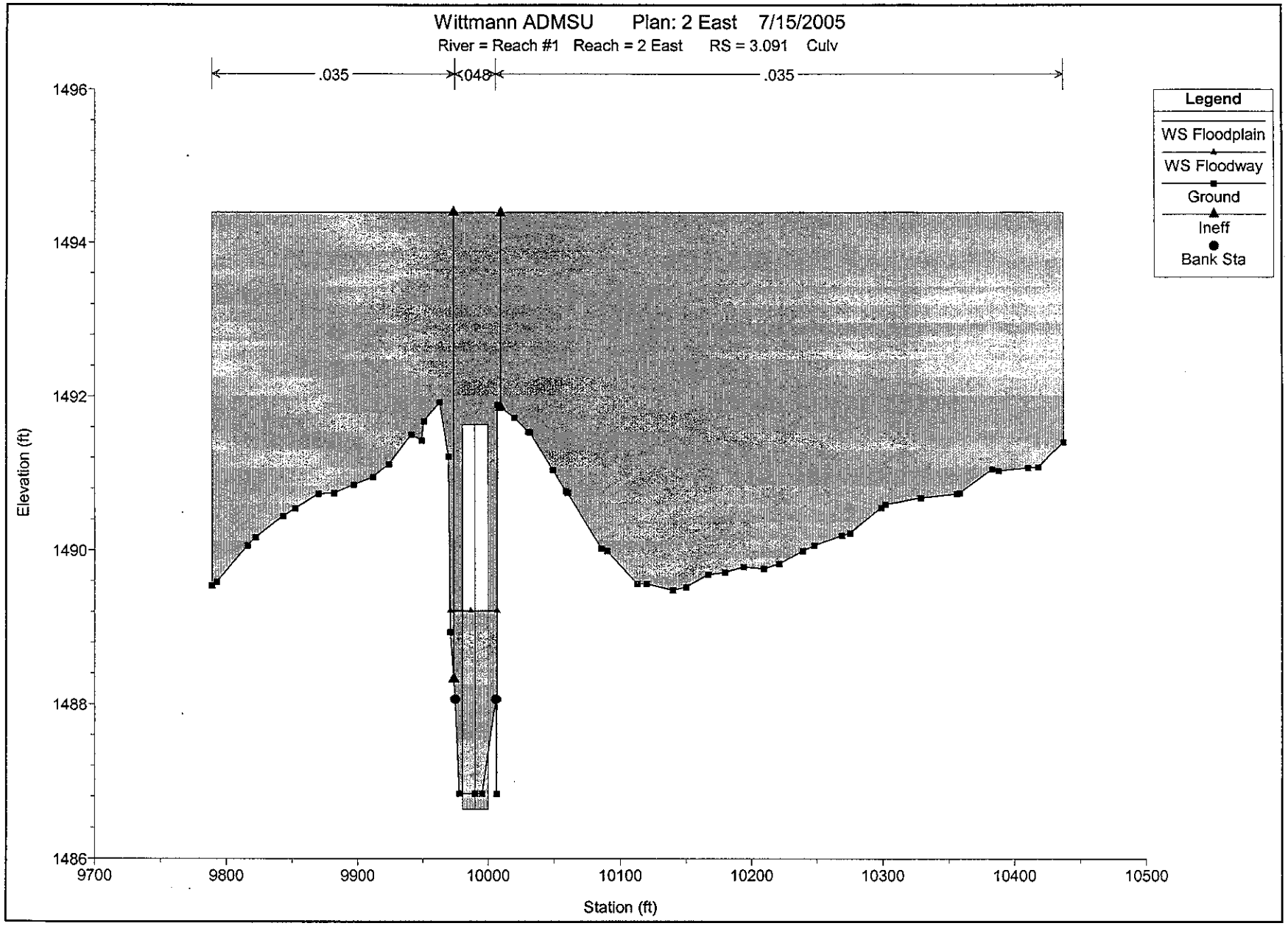

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.159
.038
.053
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Elevation (ft)
1500
1498
1496
1494
1492
1490
1488
9700
9800
9900
10000
10100
10200
Station (ft)

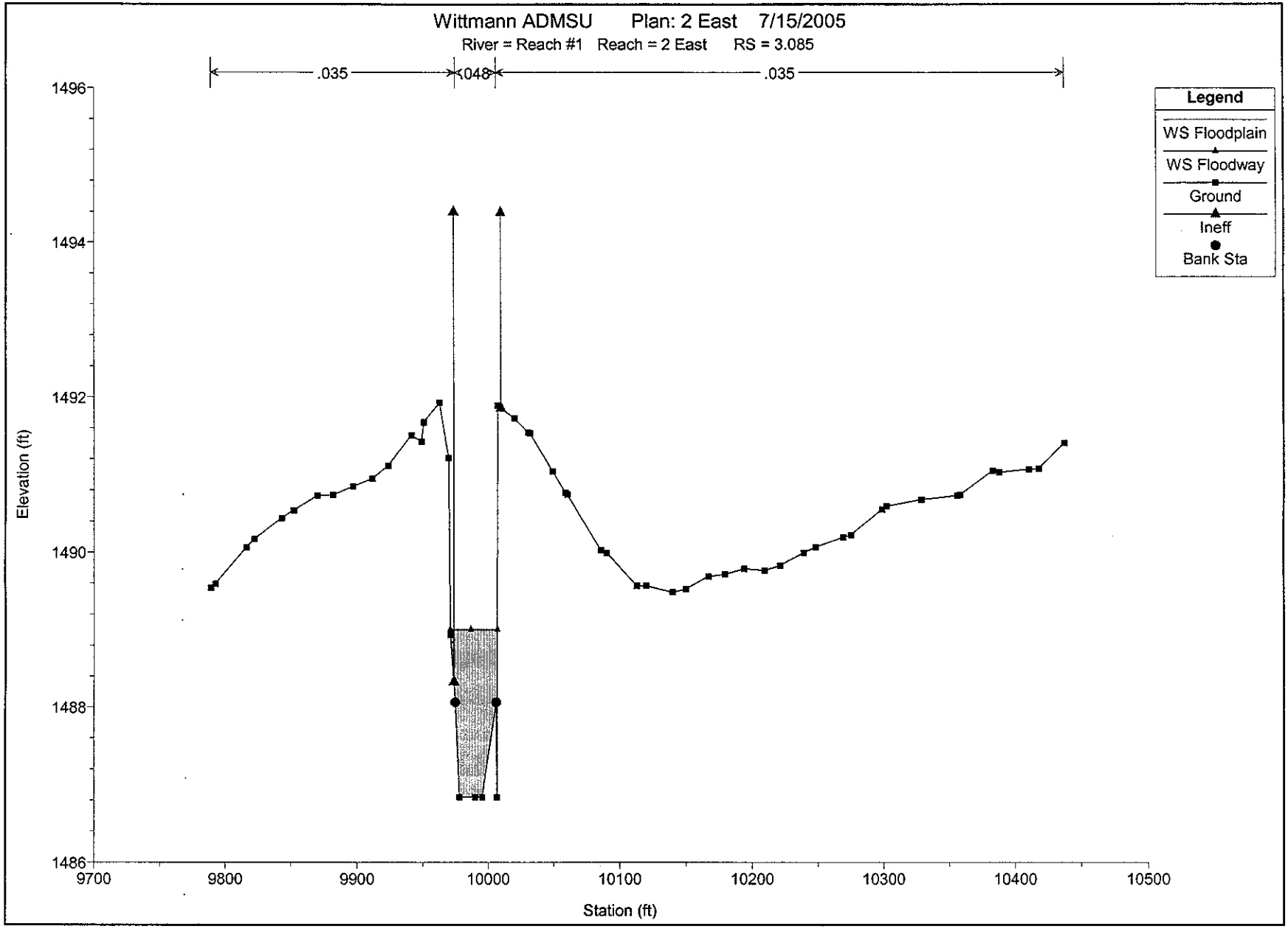

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.141
.035
.048
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1496
1494
1492
1490
1488
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

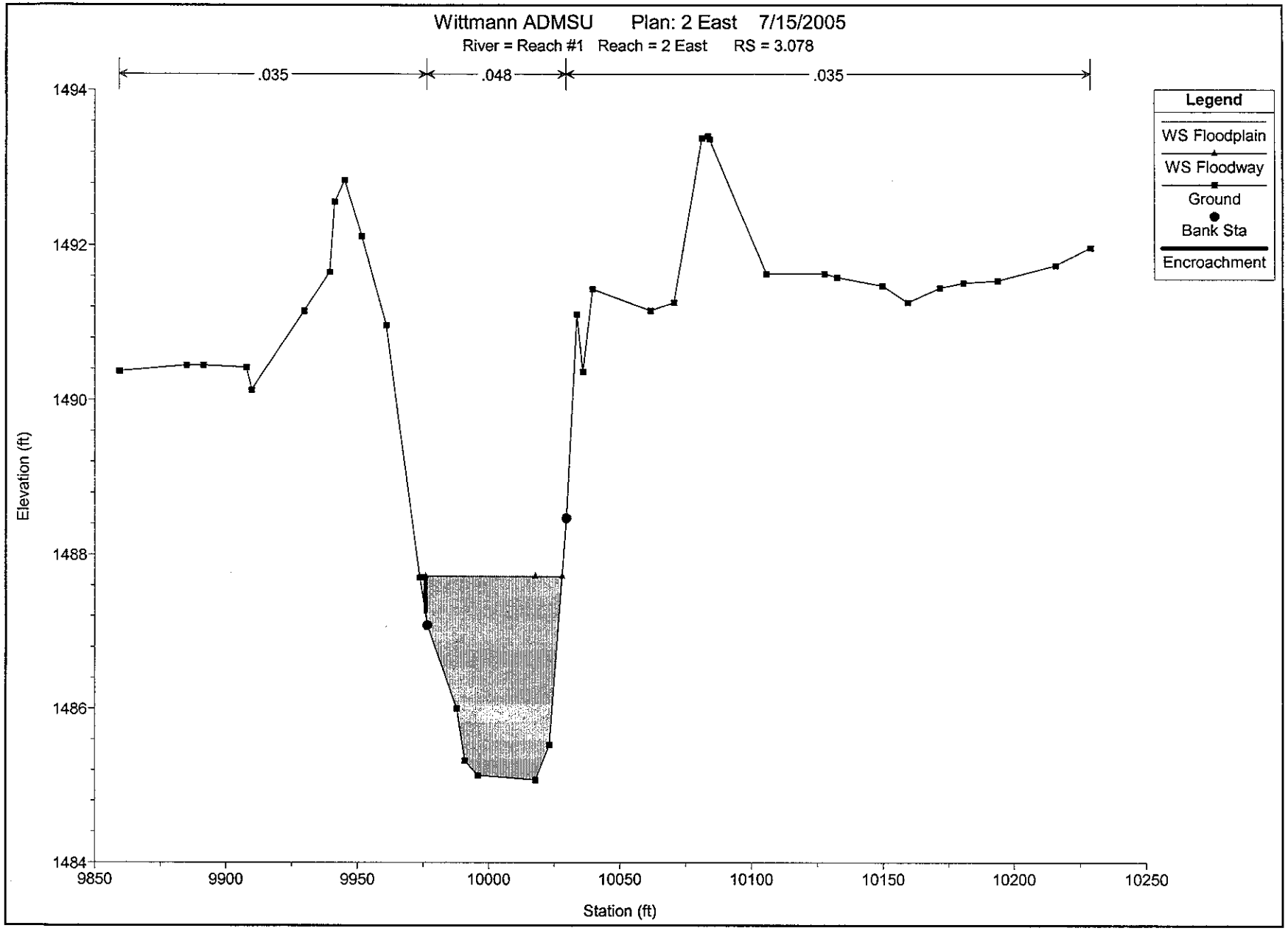

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.134
.035
.048
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1496
1494
1492
1490
1488
1486
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

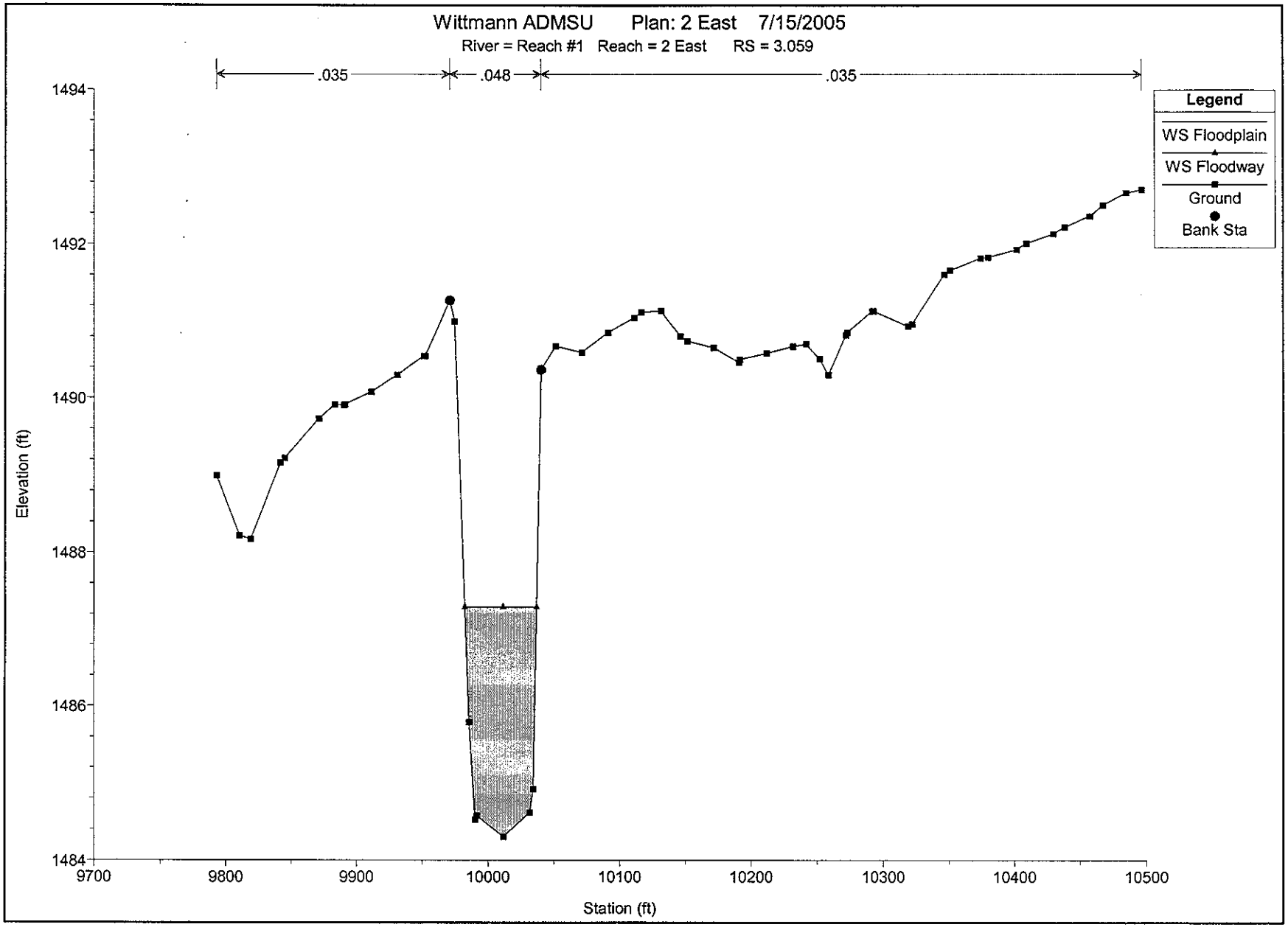

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.097
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1494
1493
1492
1491
1490
1489
1488
1487
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

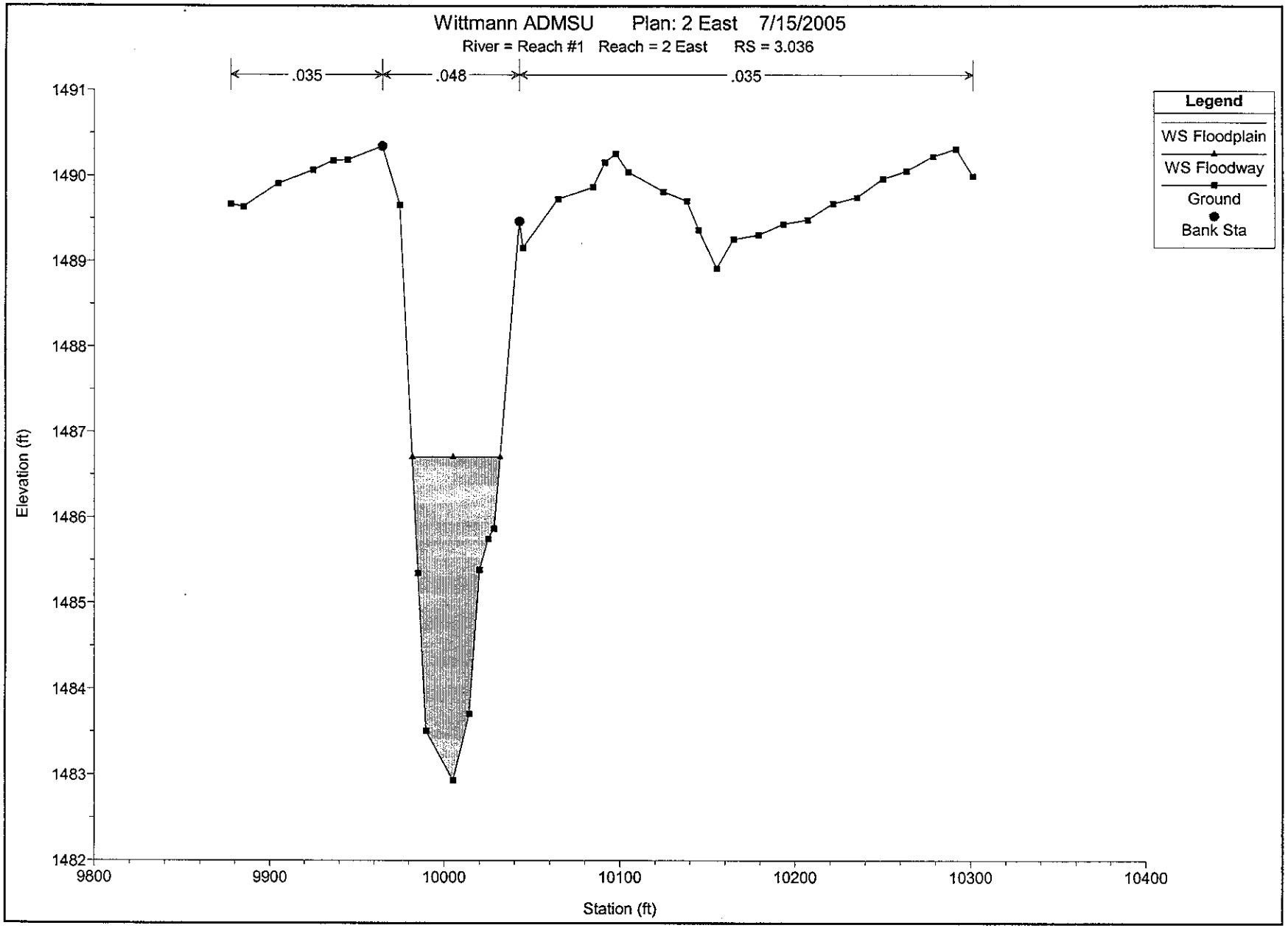

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.091 Culv
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1494
1493
1492
1491
1490
1489
1488
1487
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

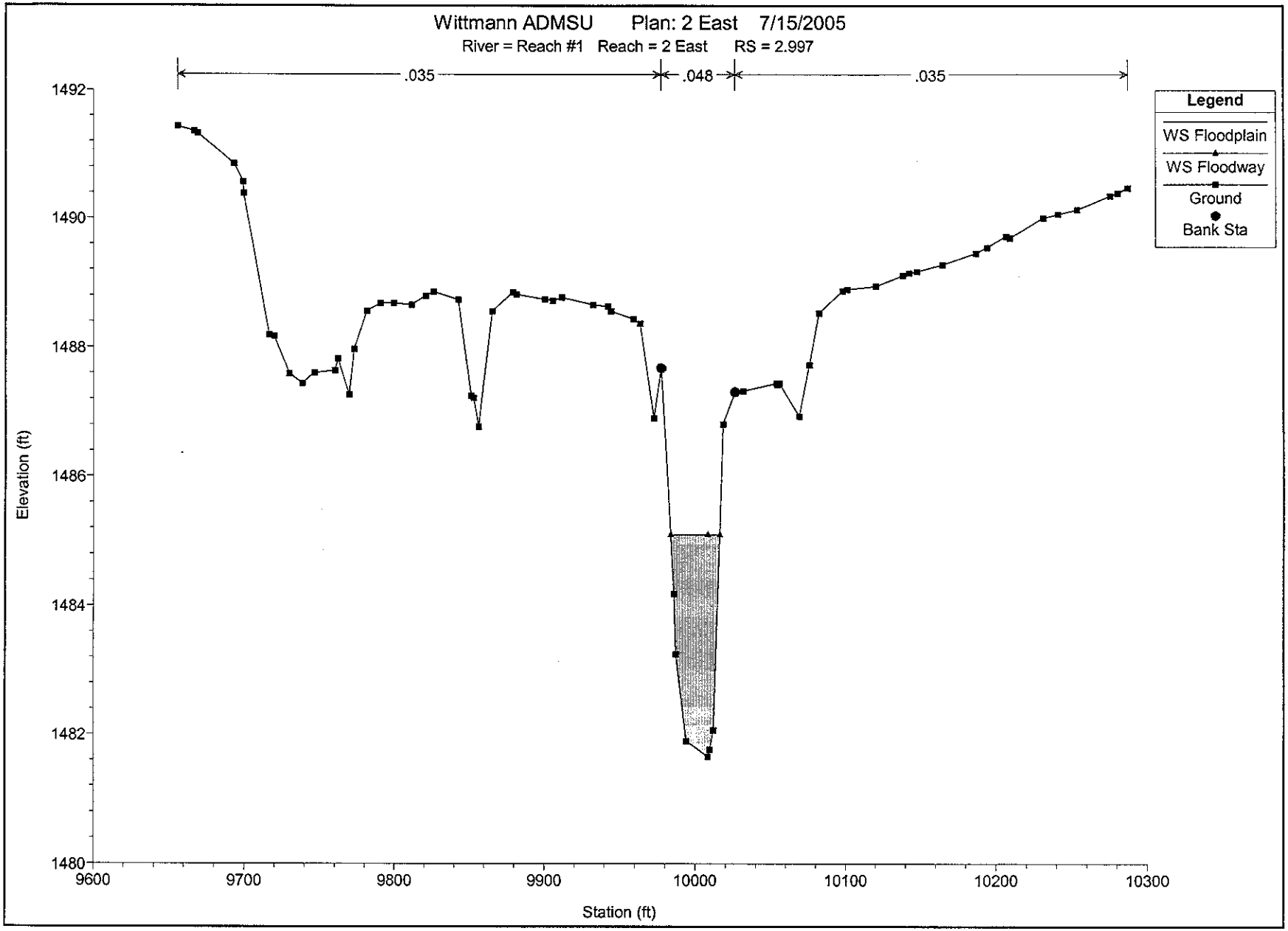

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.091 Culv
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Elevation (ft)
1496
1494
1492
1490
1488
1486
9700
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

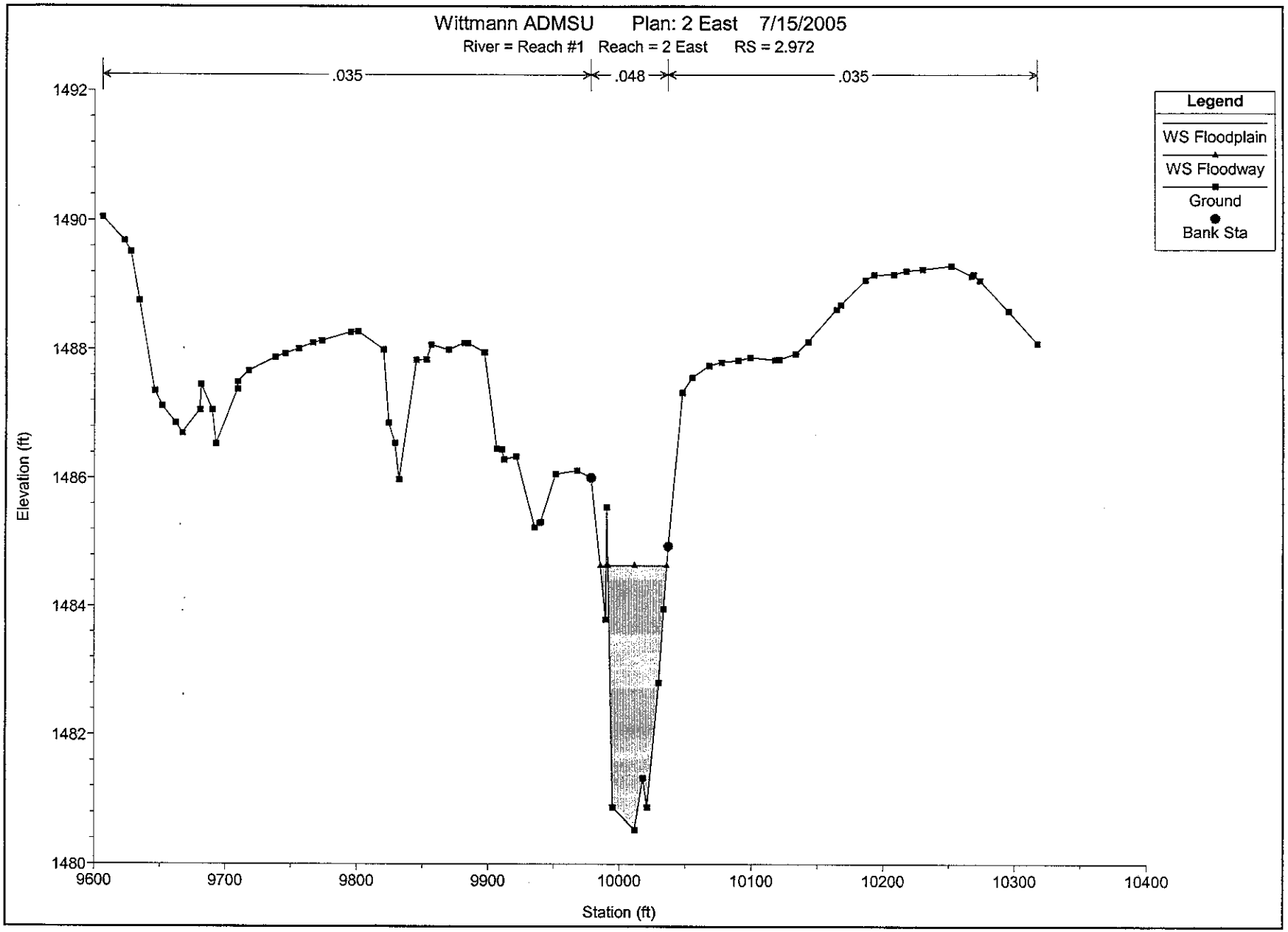

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.085
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Elevation (ft)
1496
1494
1492
1490
1488
1486
9700
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

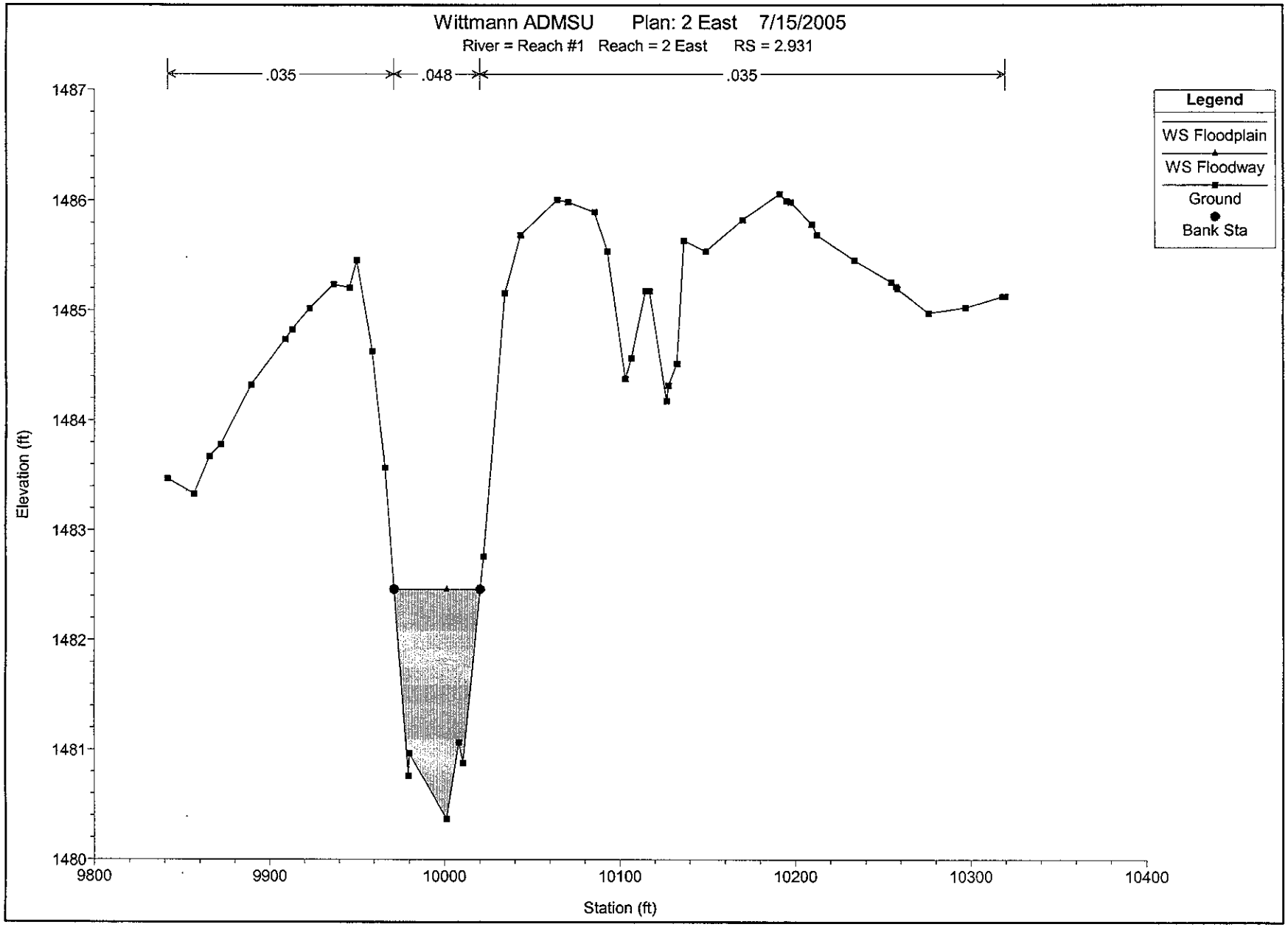

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.078
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1494
1492
1490
1488
1486
1484
9850
9900
9950
10000
10050
10100
10150
10200
10250
Station (ft)

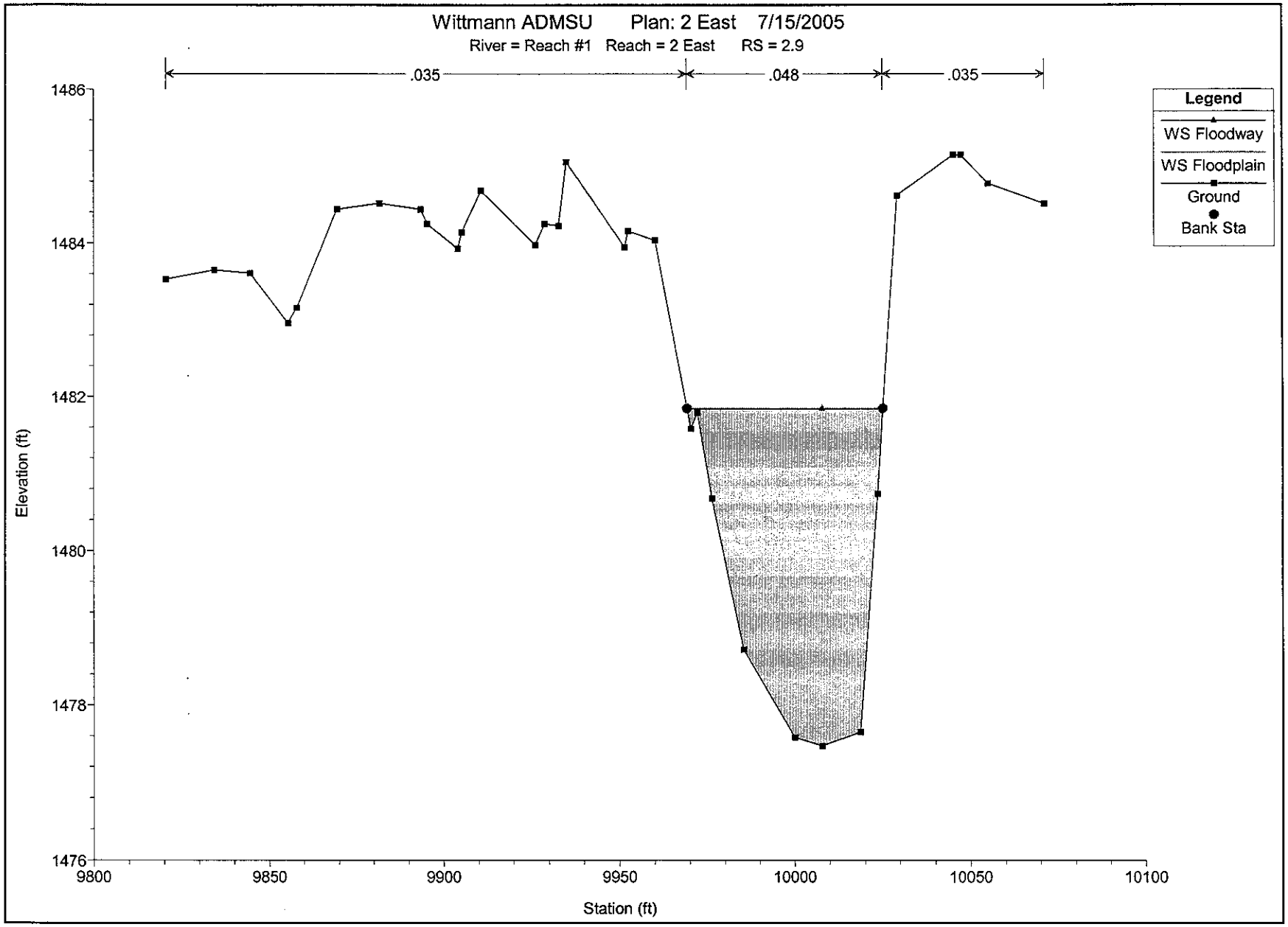

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.059
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1494
1492
1490
1488
1486
1484
9700
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

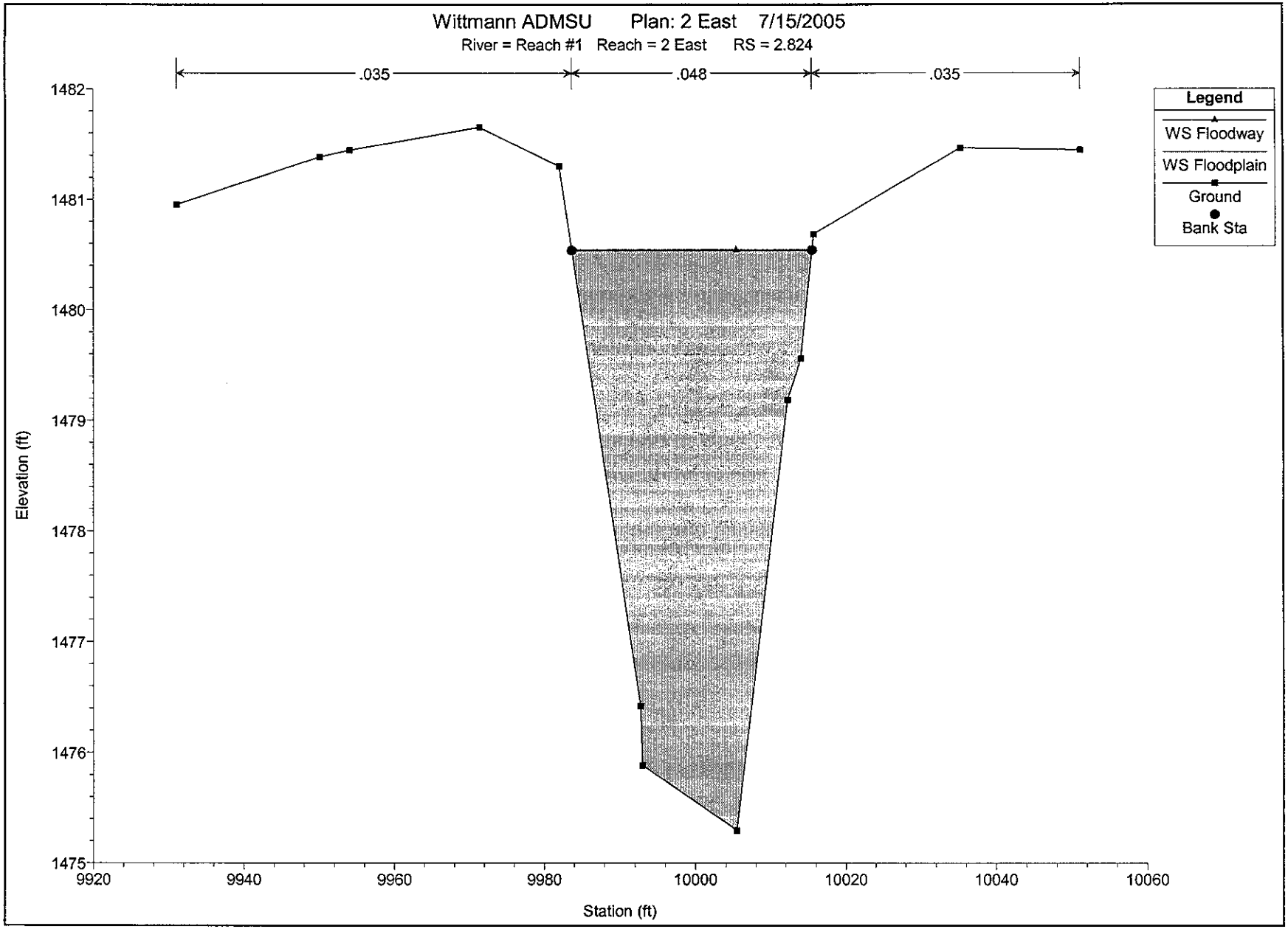

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 3.036
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1491
1490
1489
1488
1487
1486
1485
1484
1483
1482
9800
9900
10000
10100
10200
10300
10400
Station (ft)

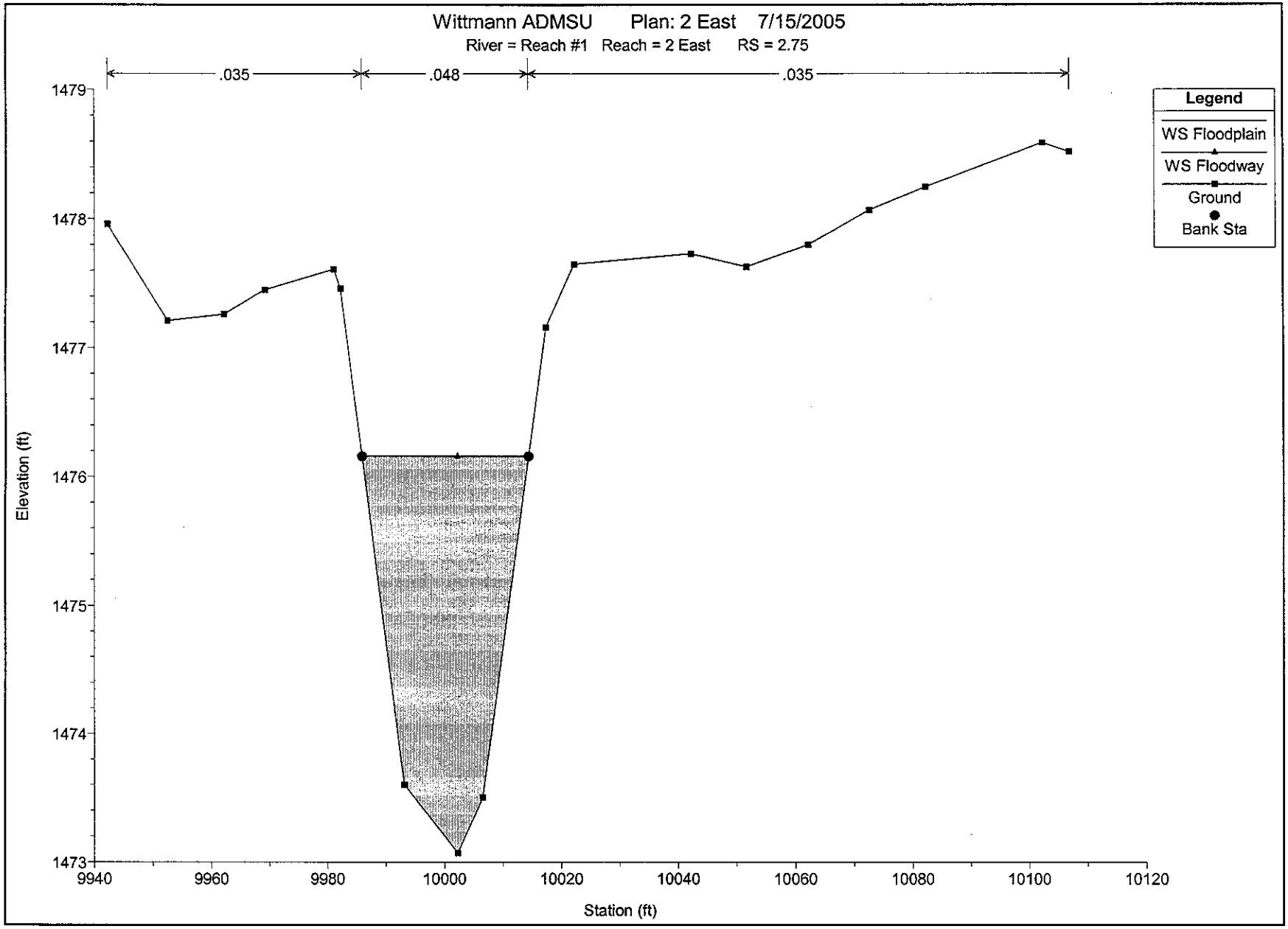

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.997
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1492
1490
1488
1486
1484
1482
1480
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

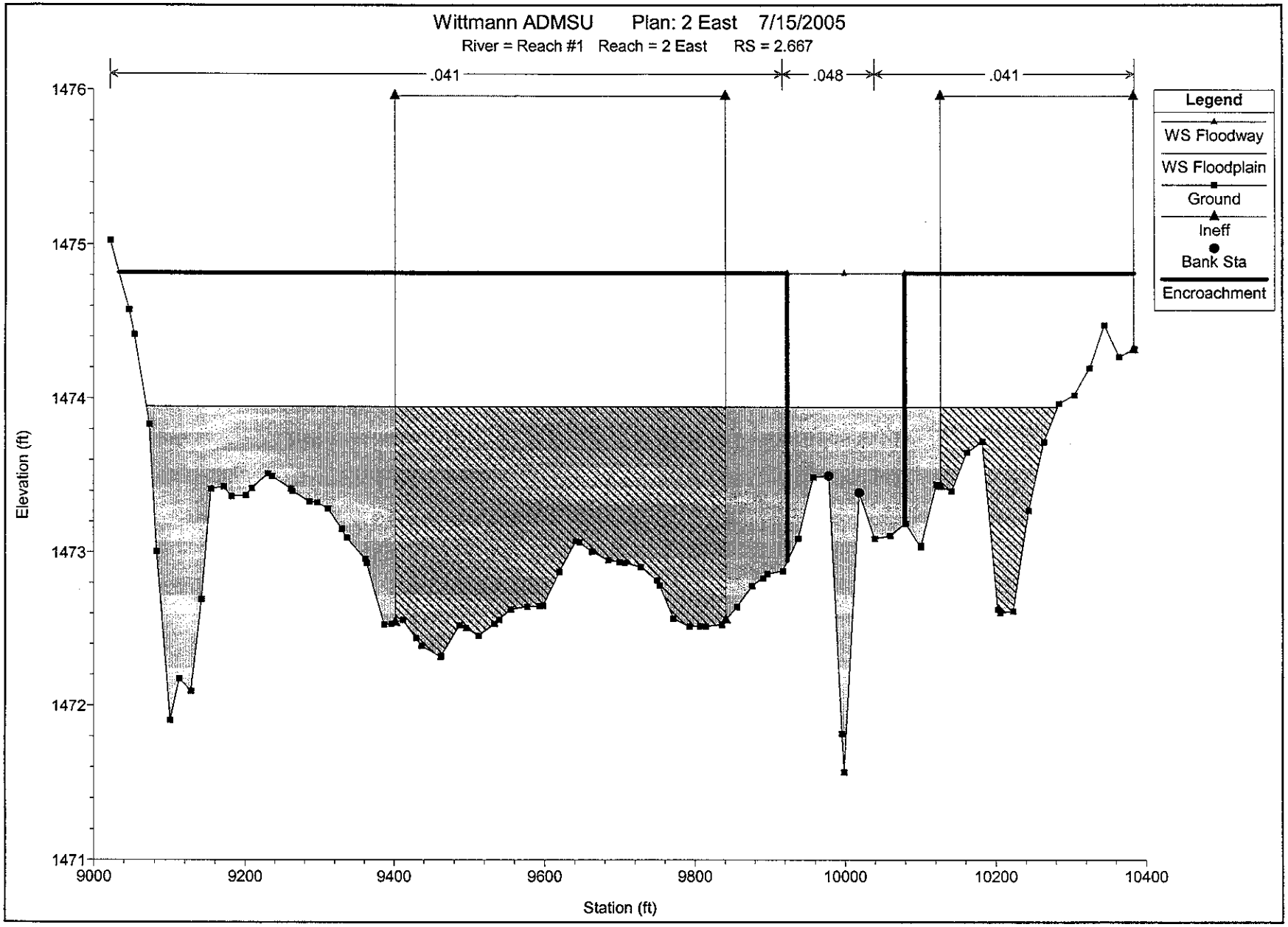

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.972
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1492
1490
1488
1486
1484
1482
1480
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

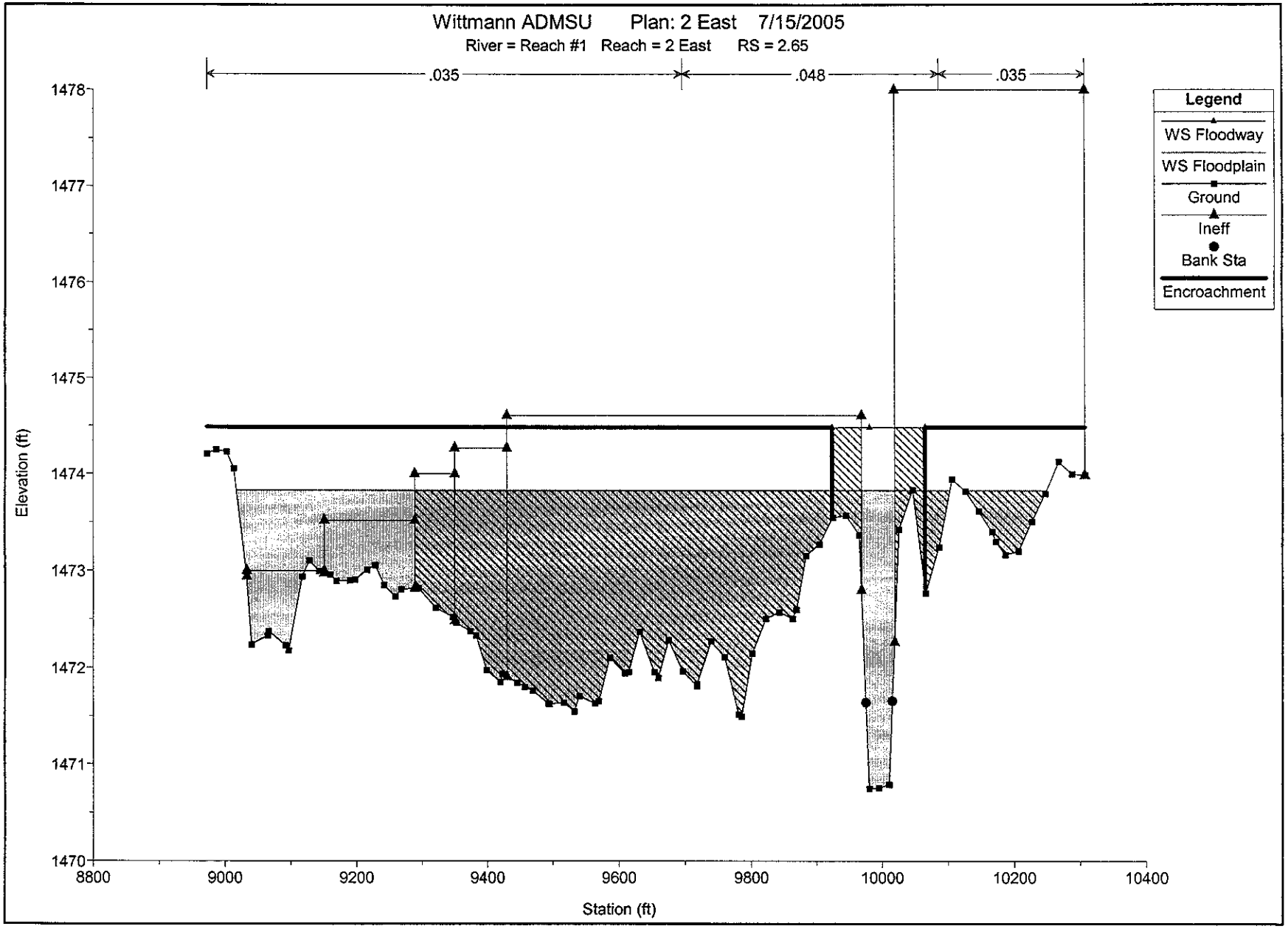

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.931
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1487
1486
1485
1484
1483
1482
1481
1480
9800
9900
10000
10100
10200
10300
10400
Station (ft)

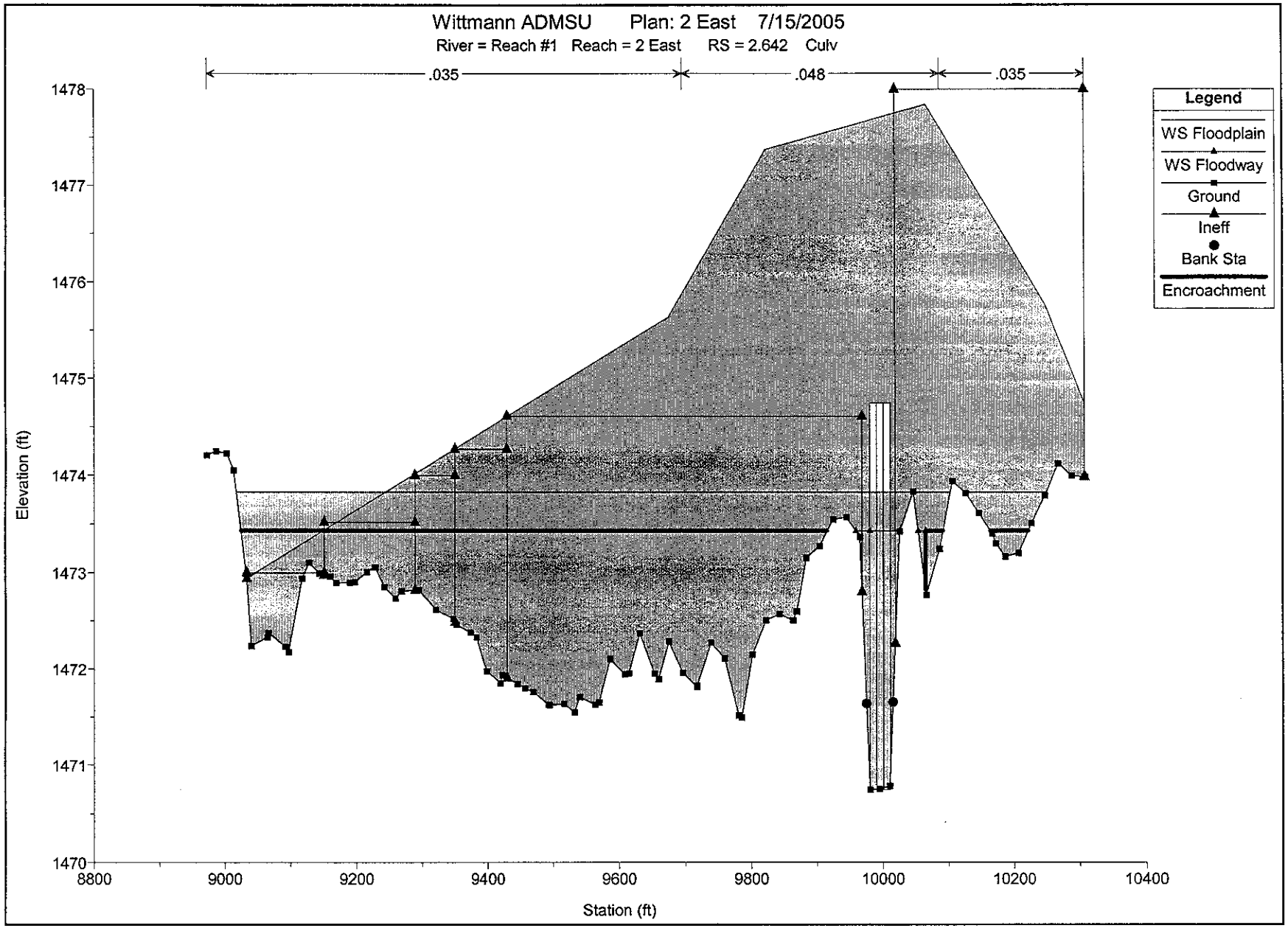

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.9
.035
.048
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1486
1484
1482
1480
1478
1476
9800
9850
9900
9950
10000
10050
10100
Station (ft)

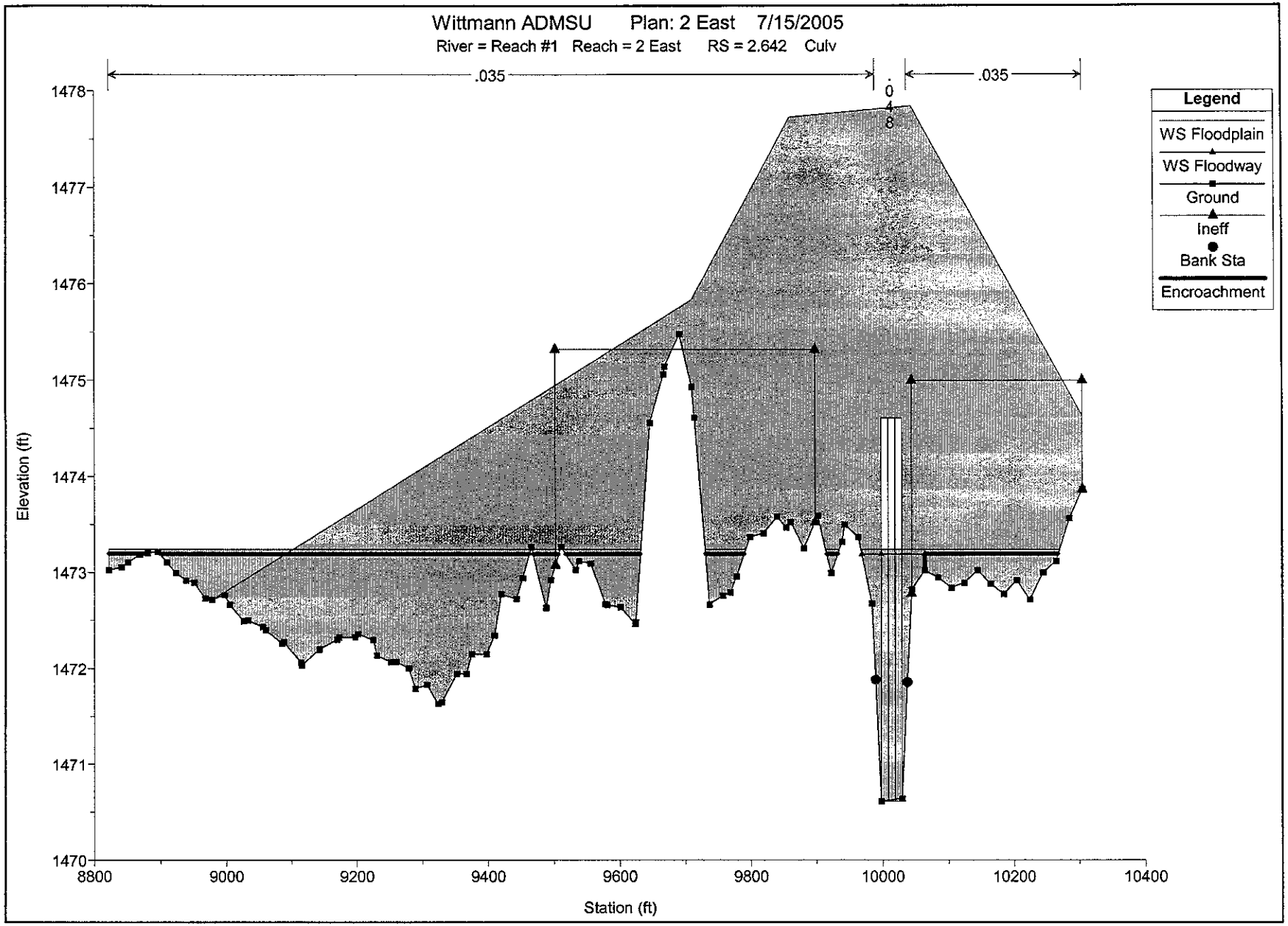

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.824
.035
.048
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1482
1481
1480
1479
1478
1477
1476
1475
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

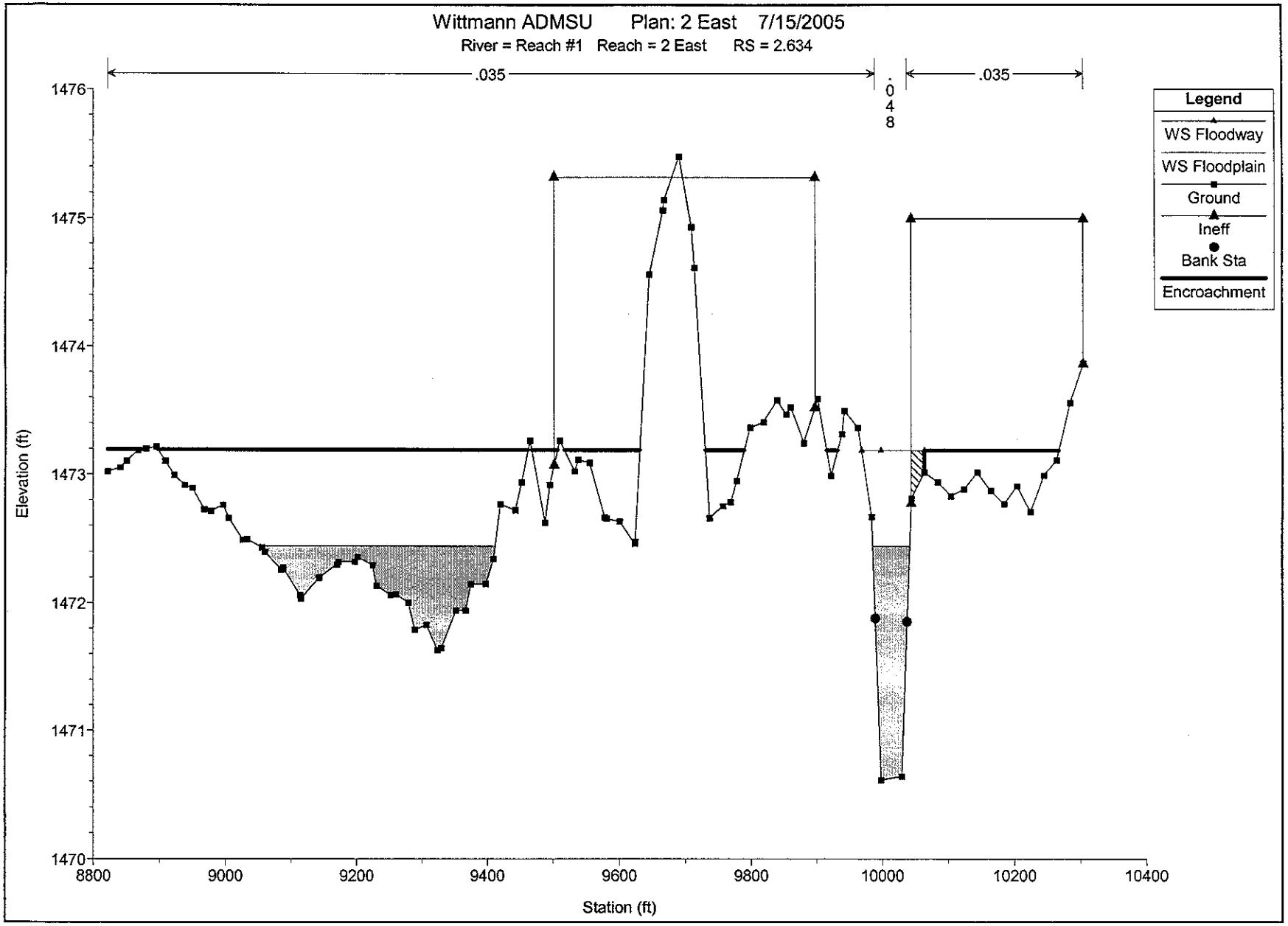

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.75
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1479
1478
1477
1476
1475
1474
1473
9940
9960
9980
10000
10020
10040
10060
10080
10100
10120
Station (ft)

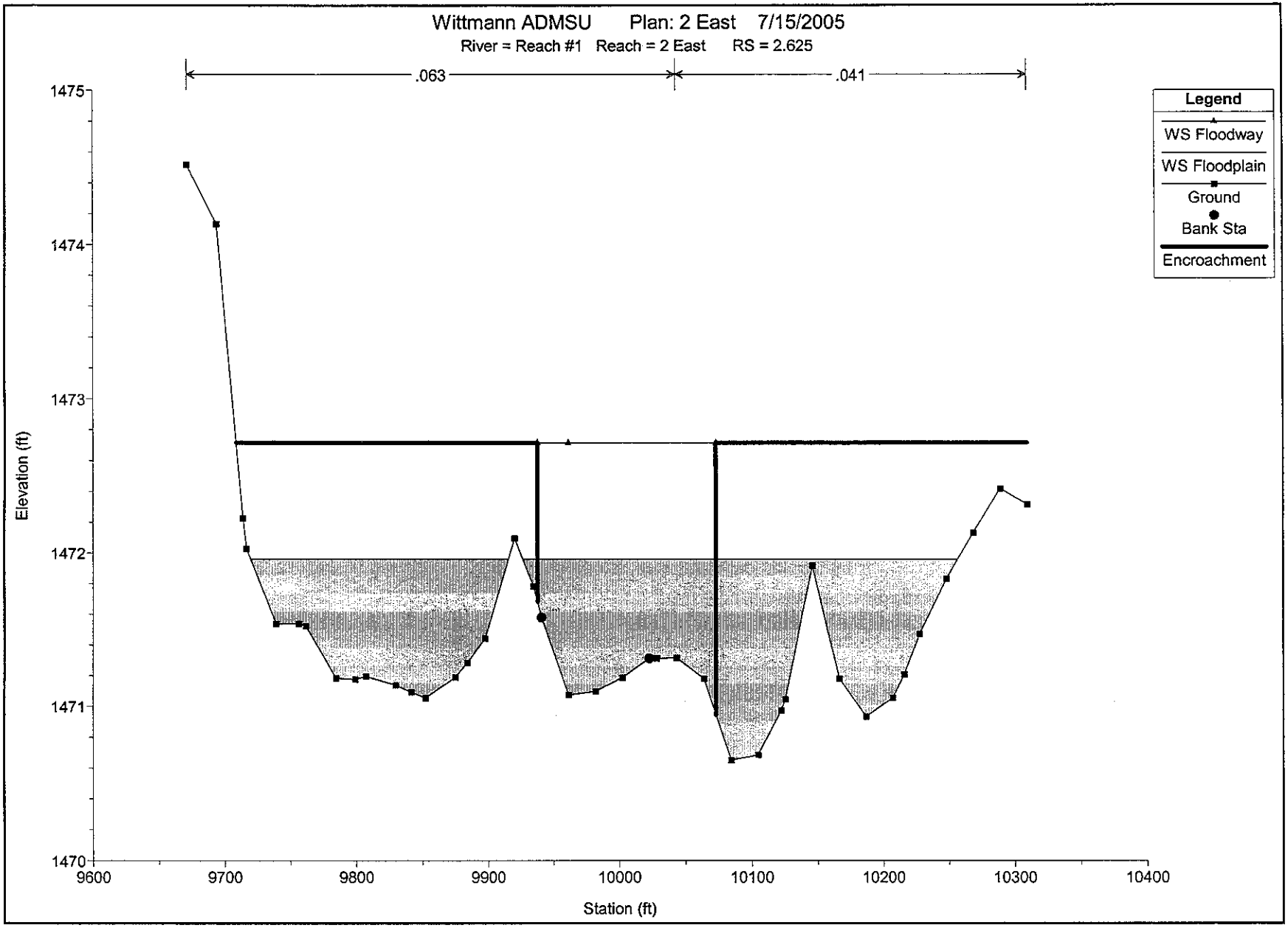

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.667
.041
.048
.041
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1476
1475
1474
1473
1472
1471
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

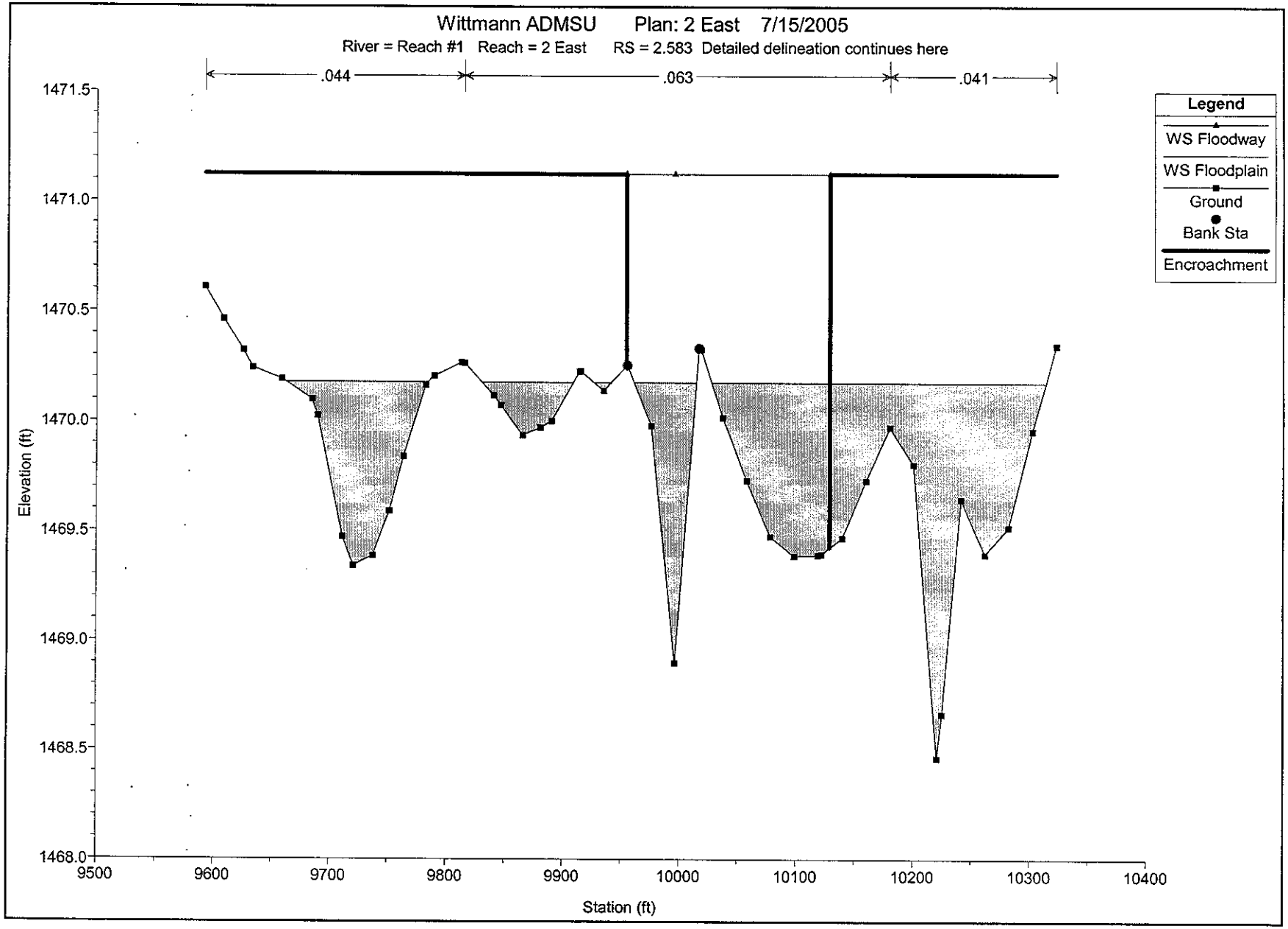

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.65
.035
.048
.035
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1478
1477
1476
1475
1474
1473
1472
1471
1470
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

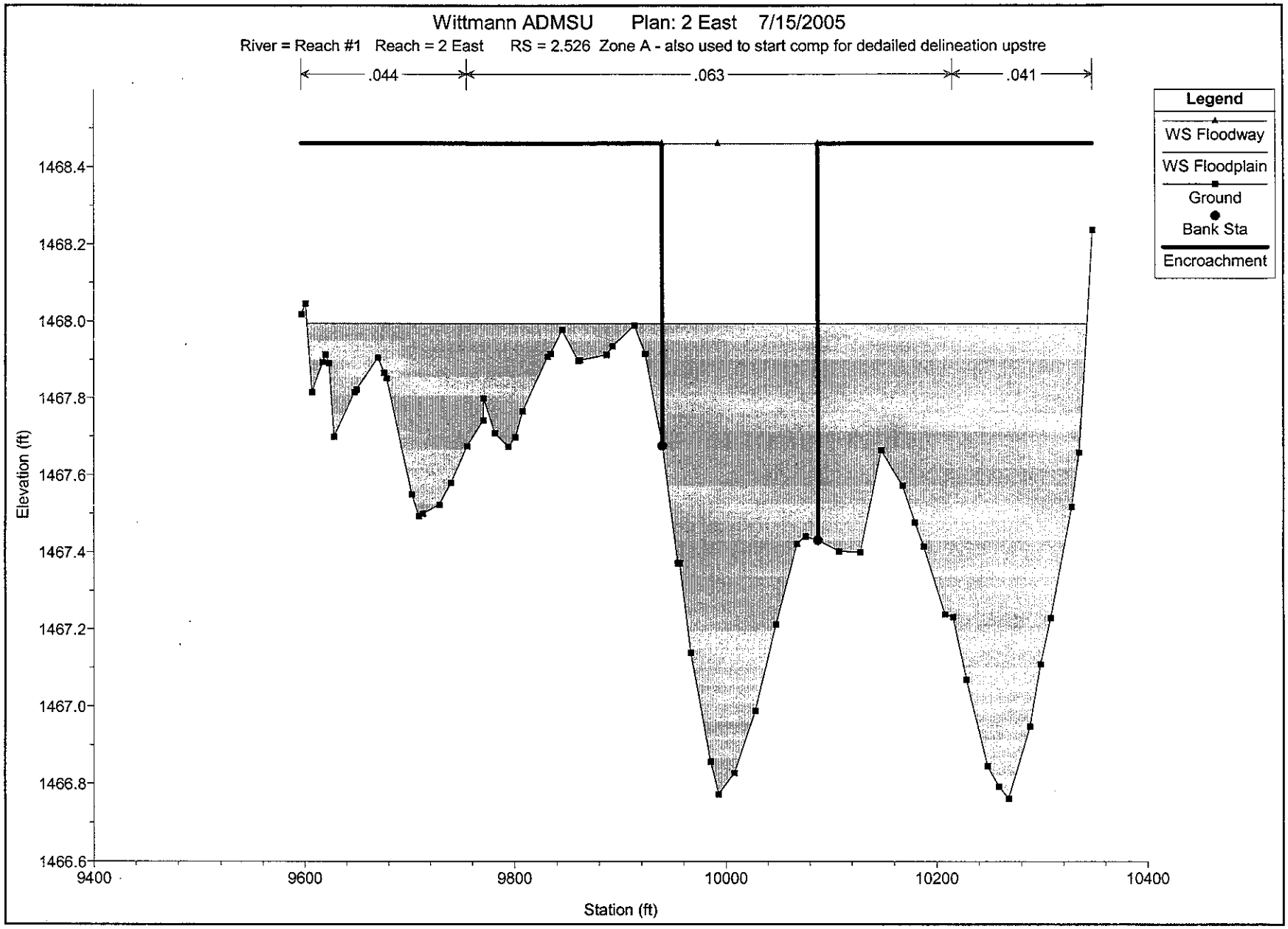

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.642 Culv
.035
.048
.035
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1478
1477
1476
1475
1474
1473
1472
1471
1470
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

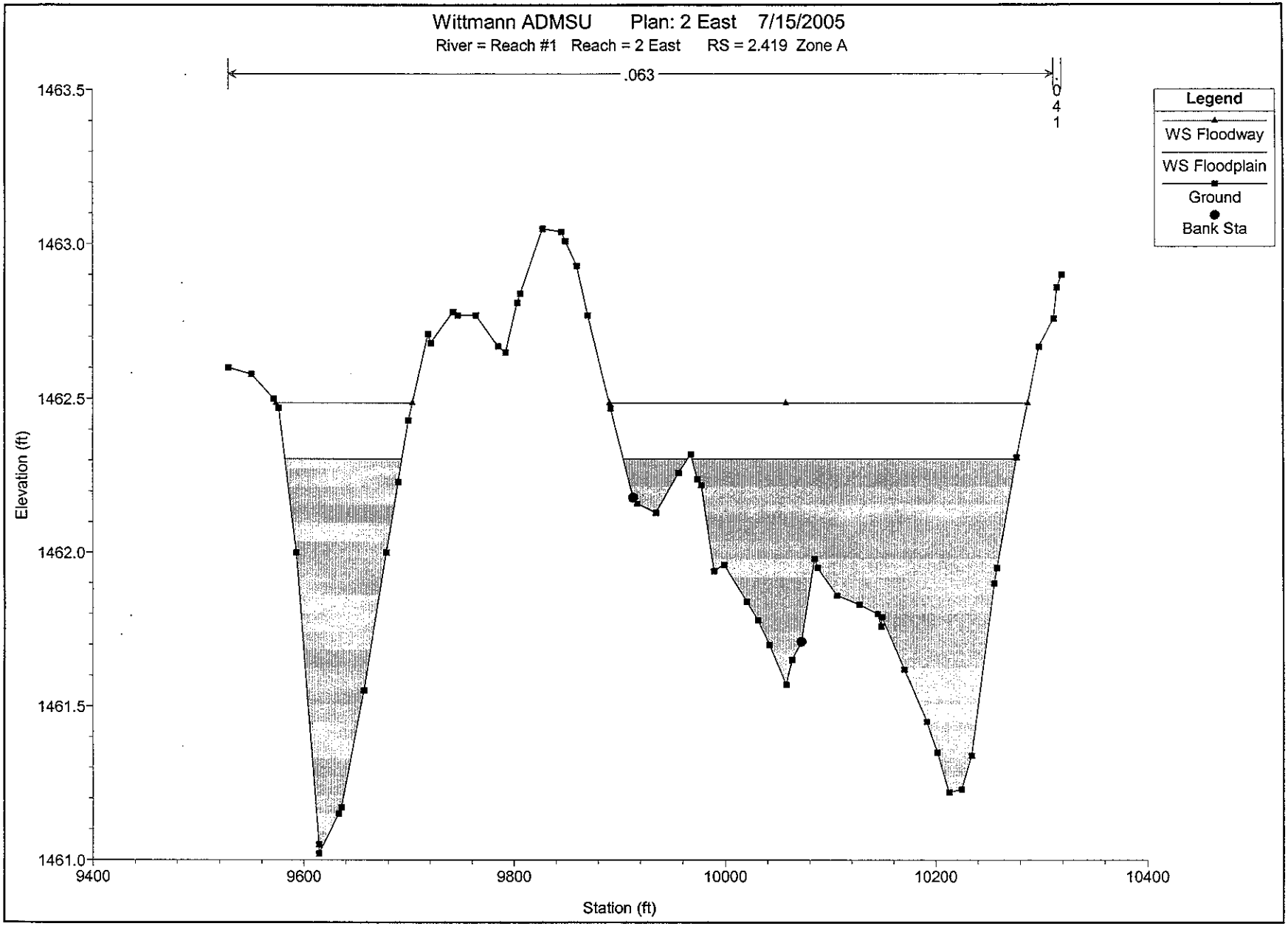

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.642 Culv
.035
.035
0
4
8
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1478
1477
1476
1475
1474
1473
1472
1471
1470
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

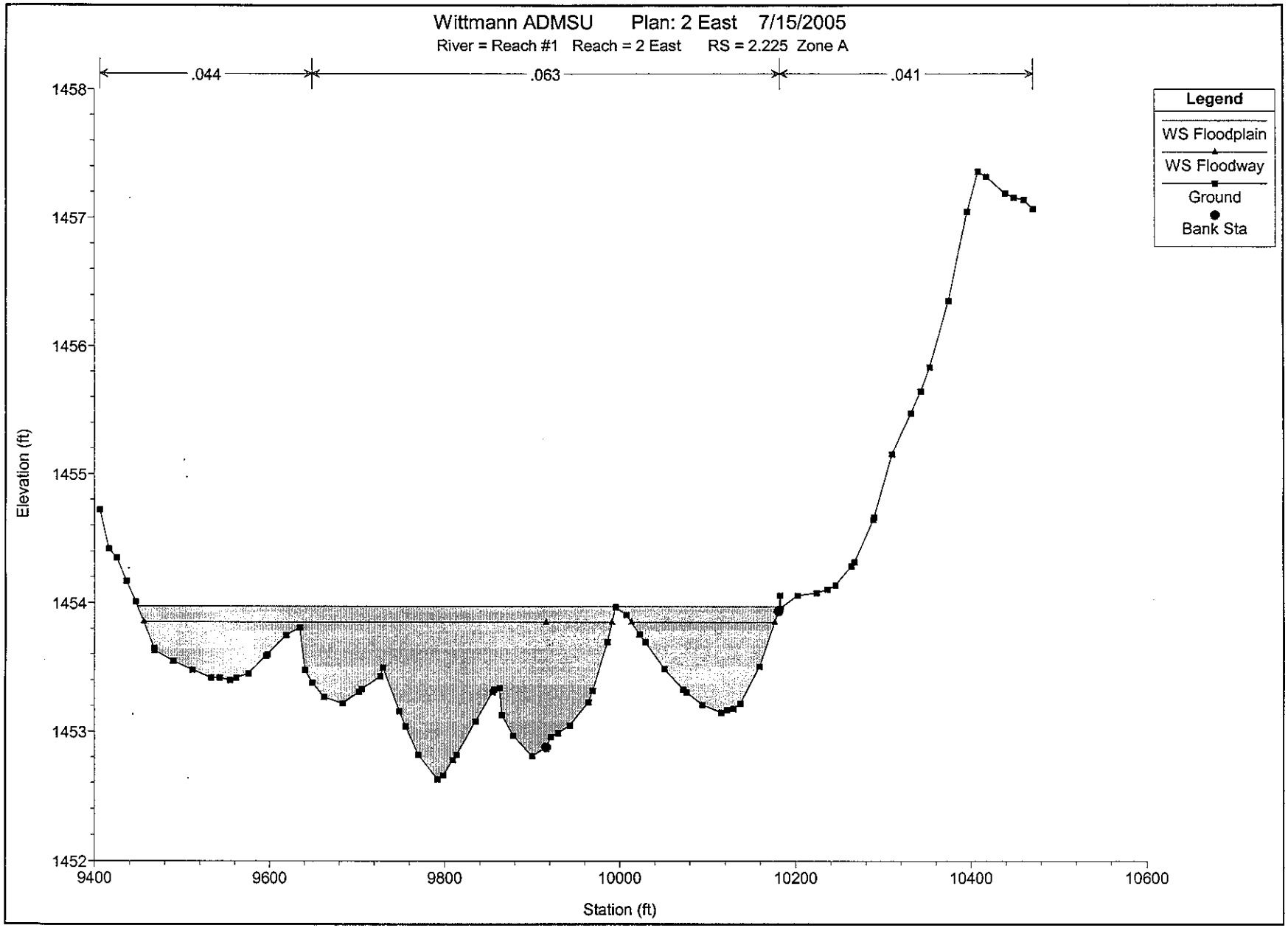

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.634
.035
.048
.035
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1476
1475
1474
1473
1472
1471
1470
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

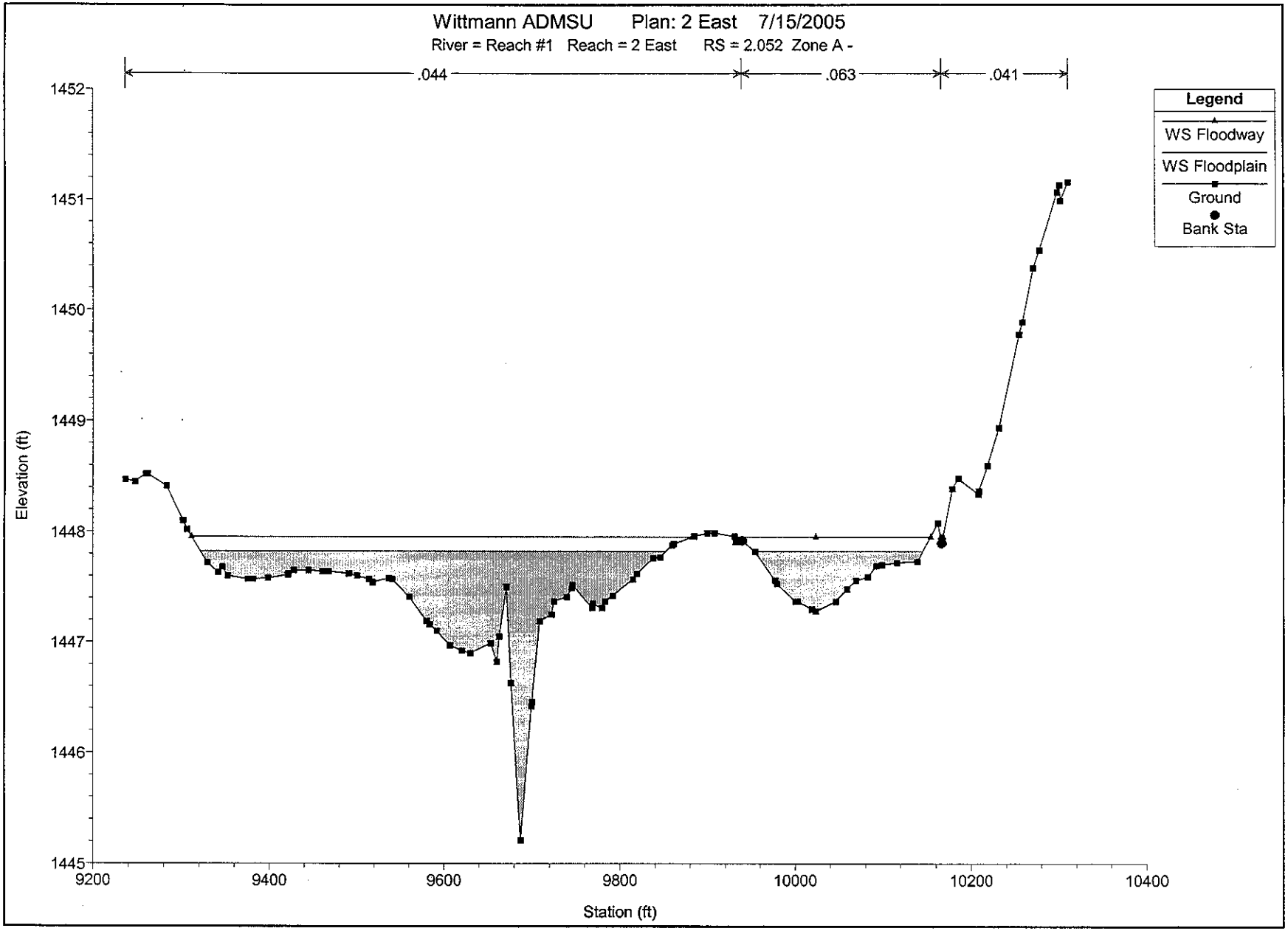

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.625
.063
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1475
1474
1473
1472
1471
1470
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

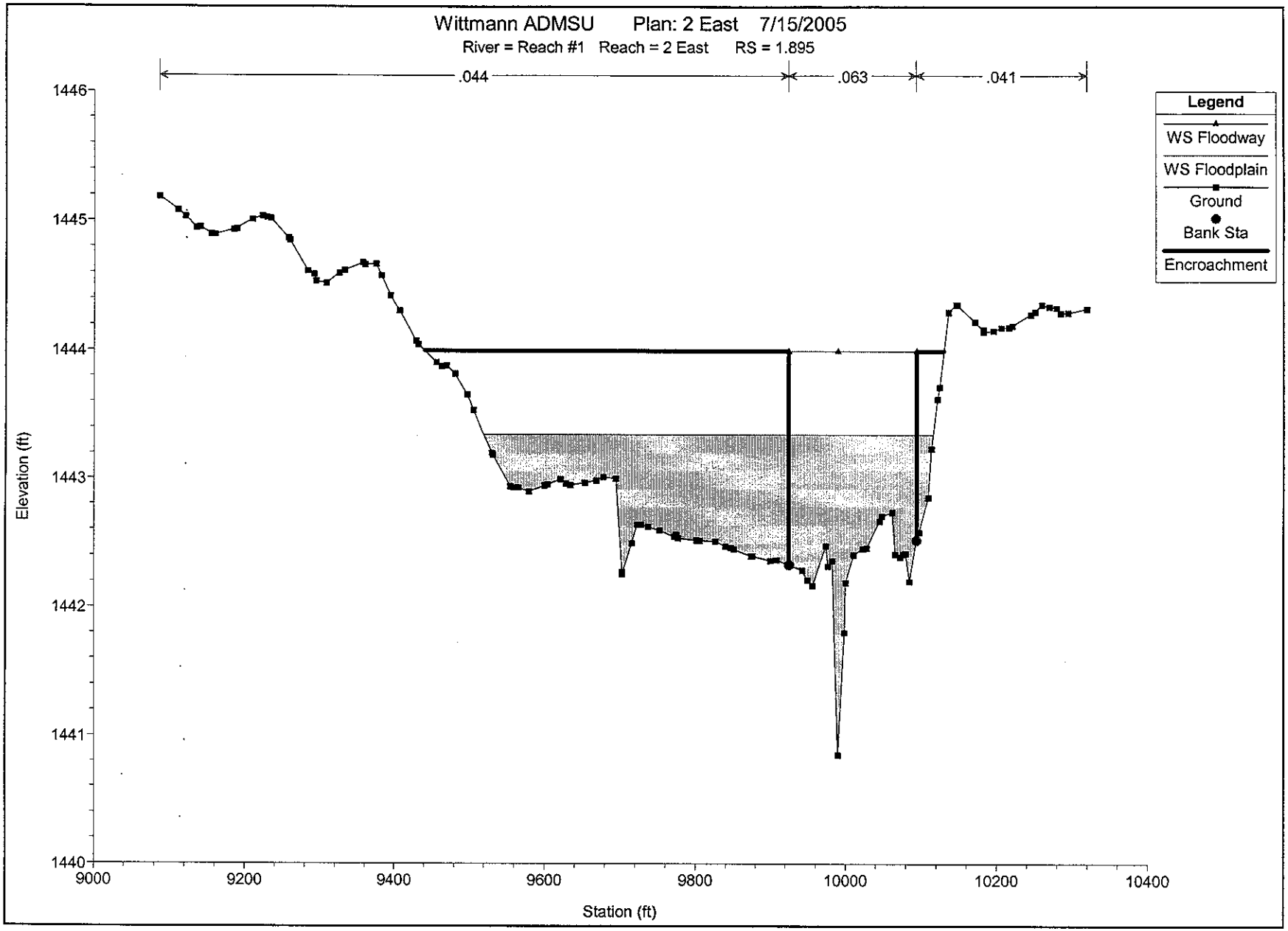

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.583 Detailed delineation continues here
.044
.063
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1471.5
1471.0
1470.5
1470.0
1469.5
1469.0
1468.5
1468.0
9500
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

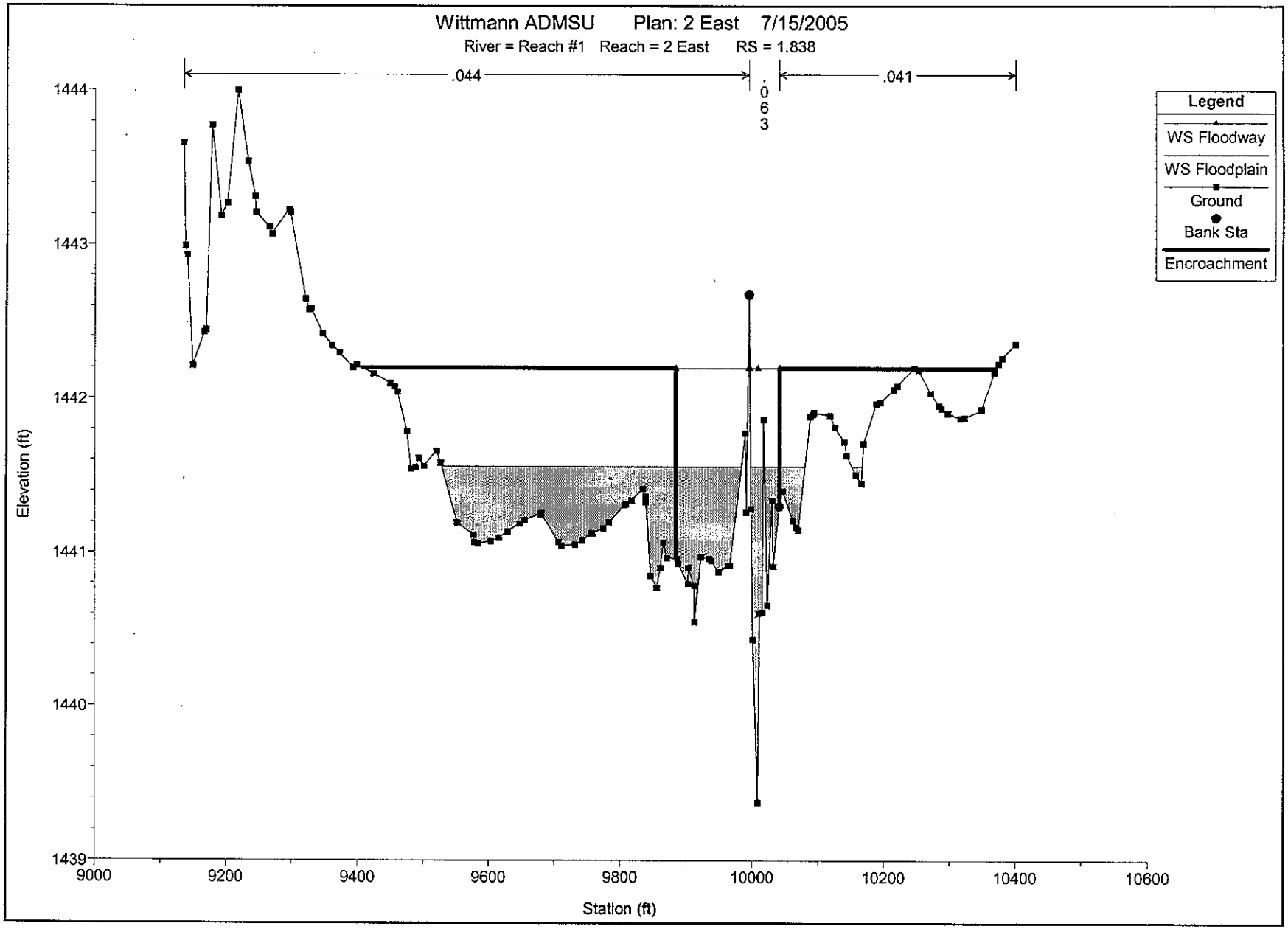

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.526 Zone A - also used to start comp for dedailed delineation upstre
.044
.063
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1468.4
1468.2
1468.0
1467.8
1467.6
1467.4
1467.2
1467.0
1466.8
1466.6
9400
9600
9800
10000
10200
10400
Station (ft)

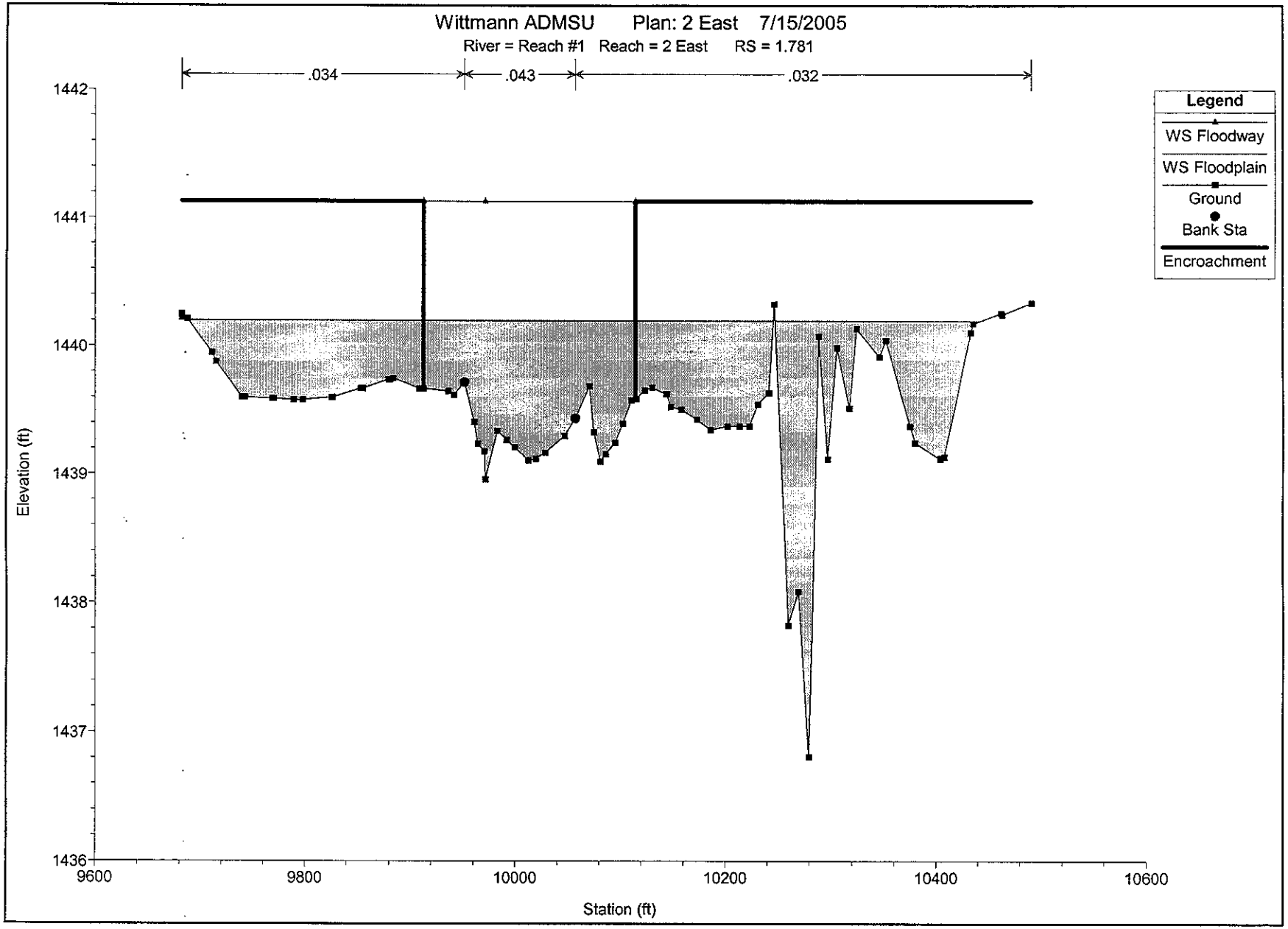

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.419 Zone A
.063
0
4
1
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1463.5
1463.0
1462.5
1462.0
1461.5
1461.0
9400
9600
9800
10000
10200
10400
Station (ft)

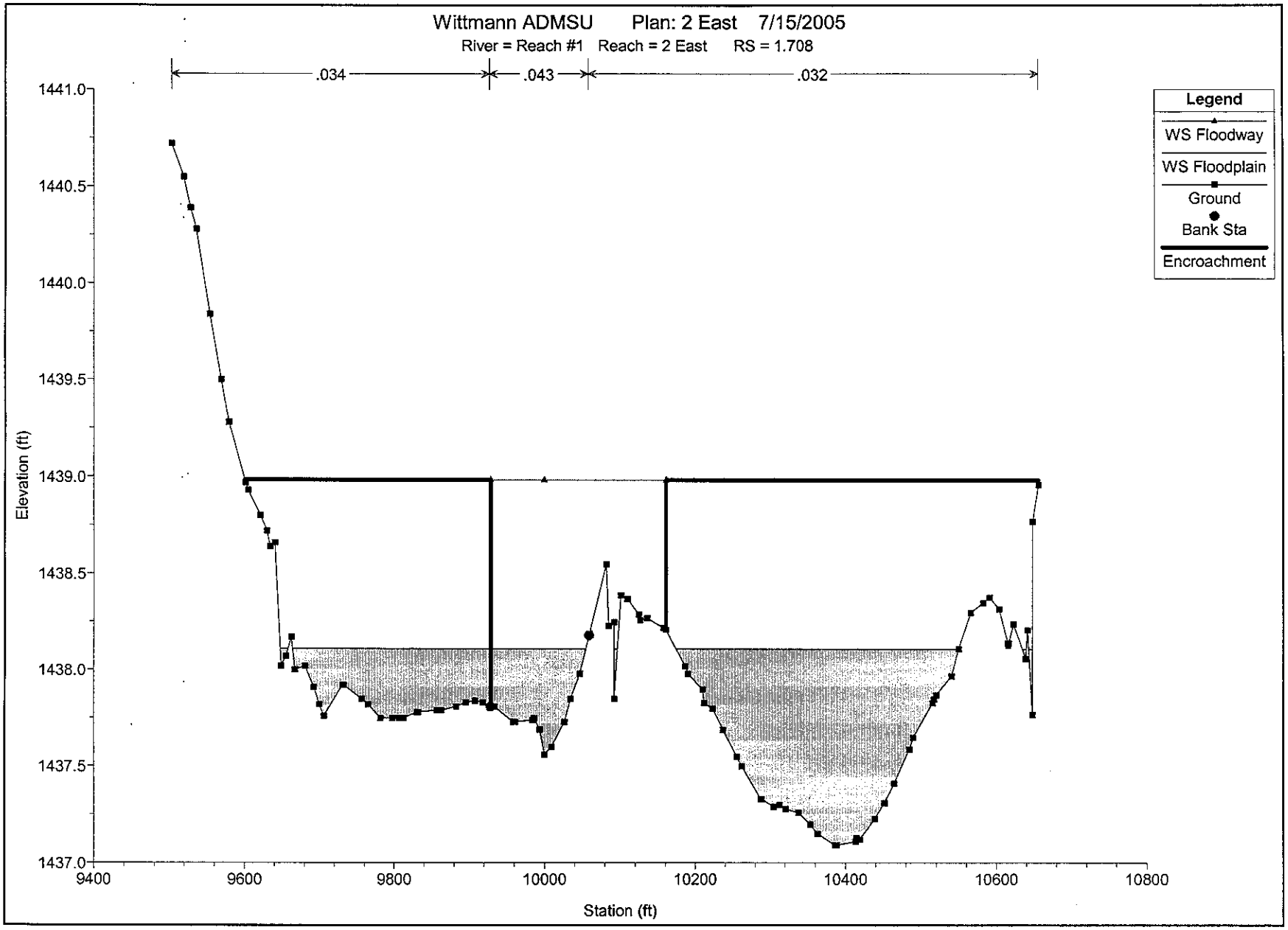

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.225 Zone A
.044
.063
.041
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1458
1457
1456
1455
1454
1453
1452
9400
9600
9800
10000
10200
10400
10600
Station (ft)

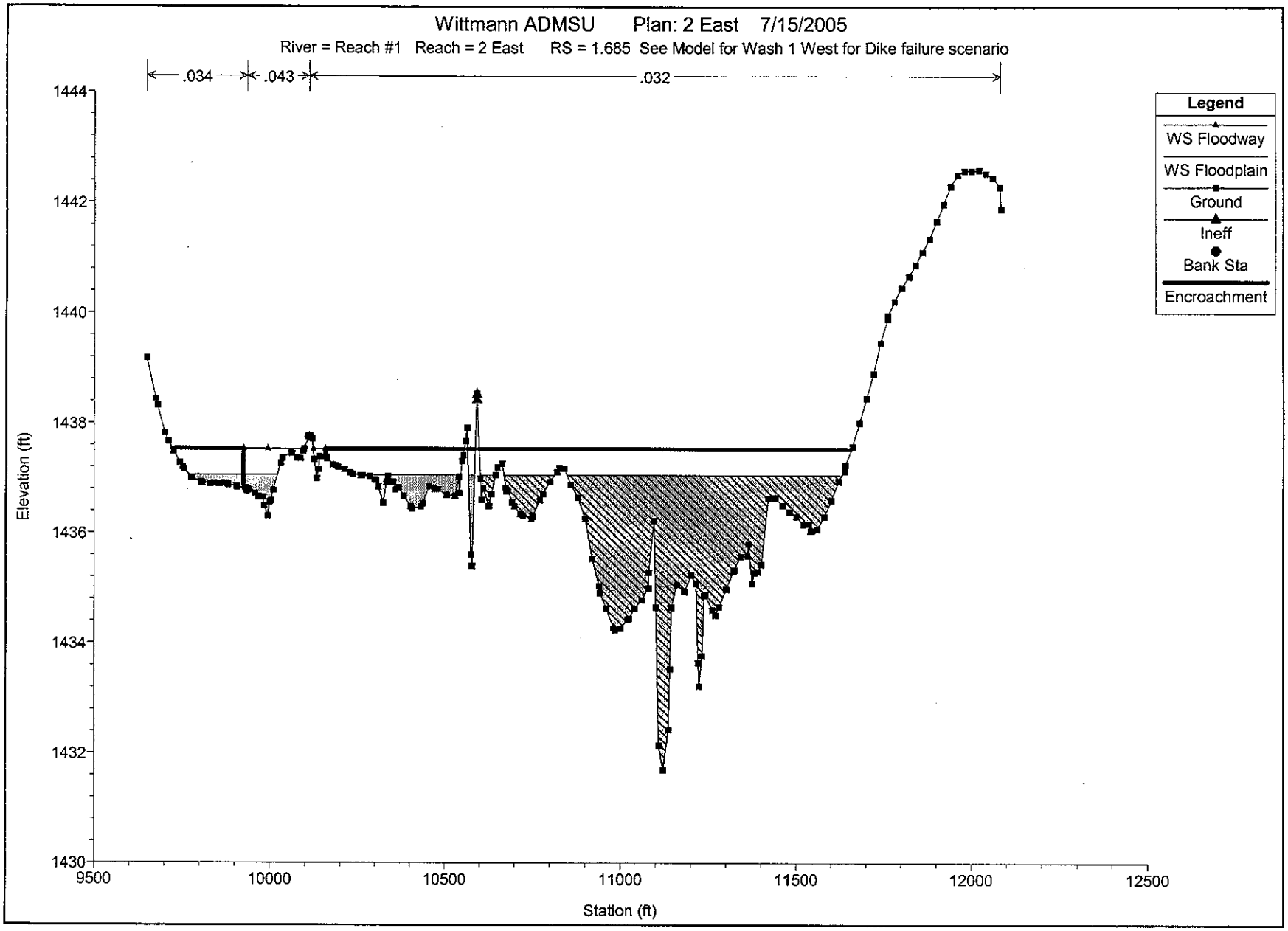

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 2.052 Zone A -
.044
.063
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1452
1451
1450
1449
1448
1447
1446
1445
9200
9400
9600
9800
10000
10200
10400
Station (ft)

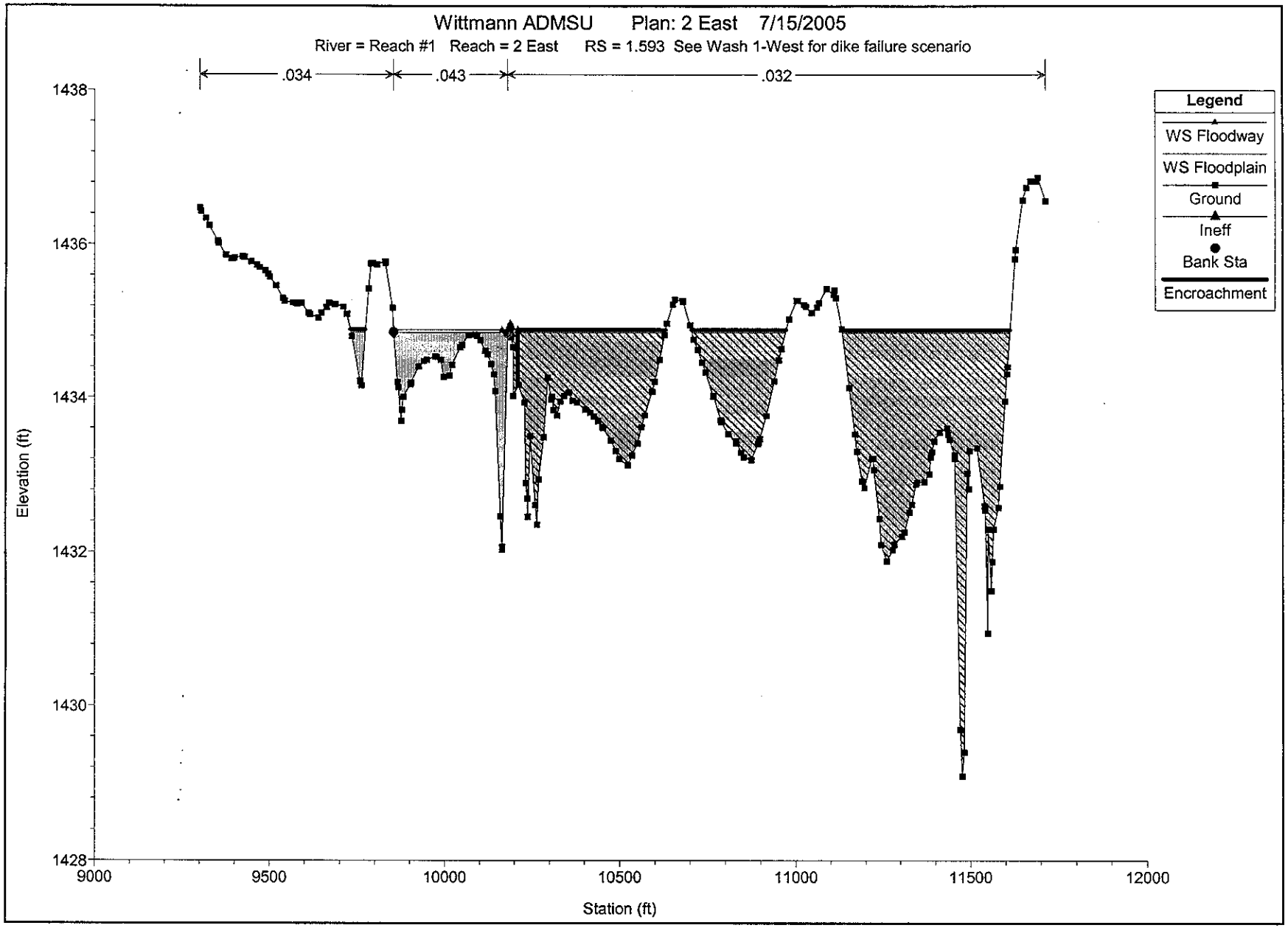

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.895
.044
.063
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1446
1445
1444
1443
1442
1441
1440
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

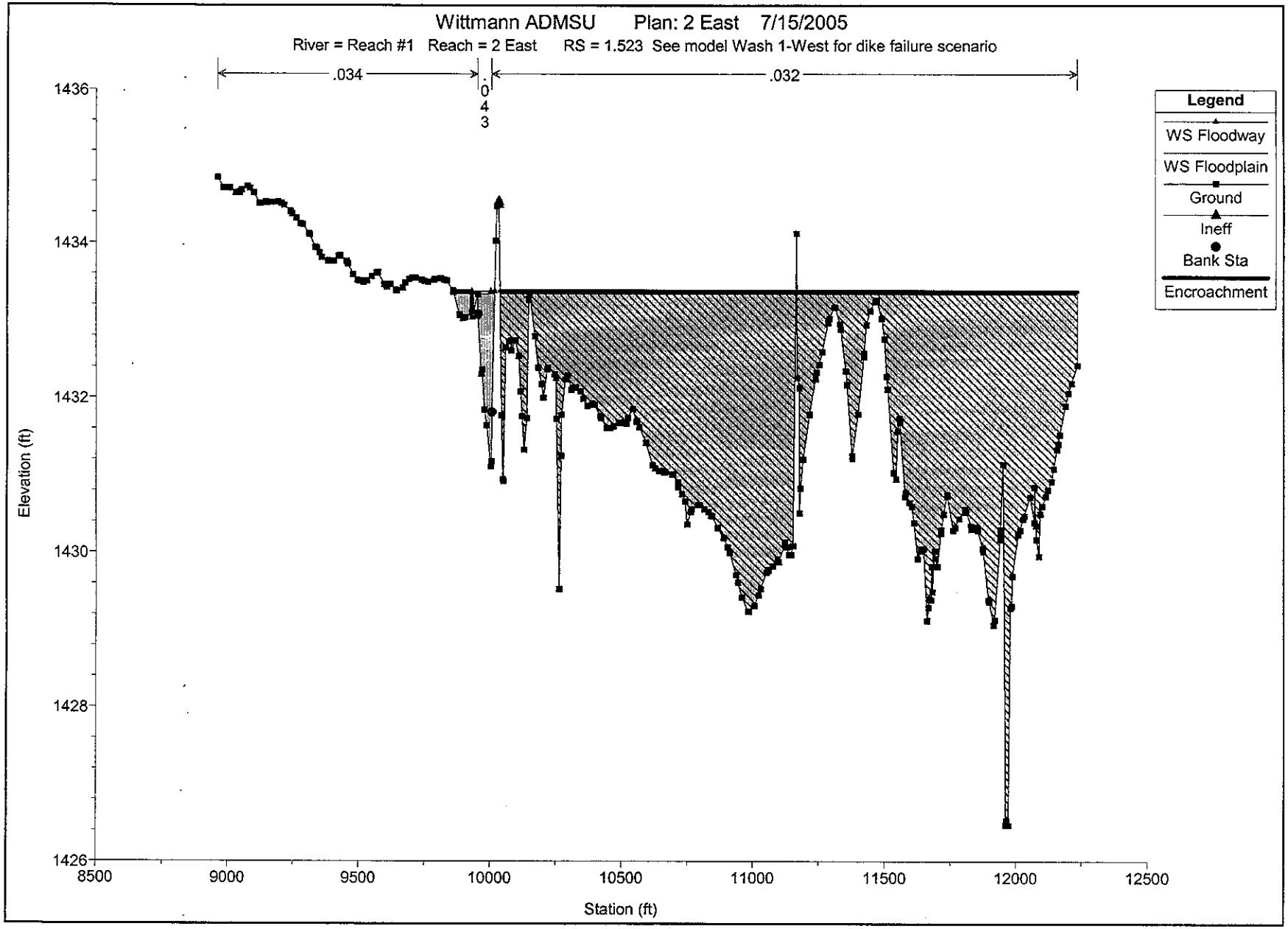

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.838
.044
.063
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1444
1443
1442
1441
1440
1439
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

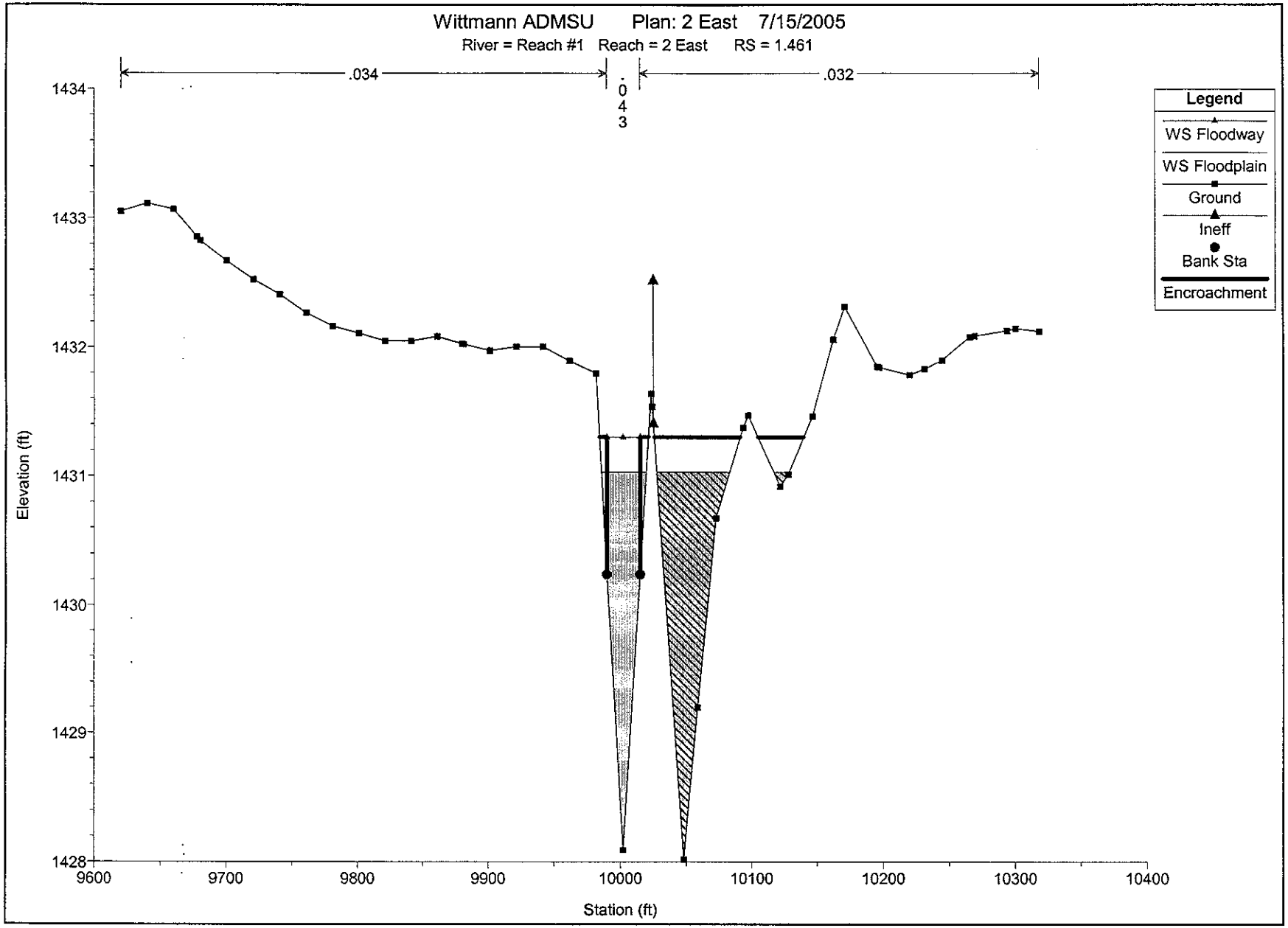

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.781
.034
.043
.032
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1442
1441
1440
1439
1438
1437
1436
9600
9800
10000
10200
10400
10600
Station (ft)

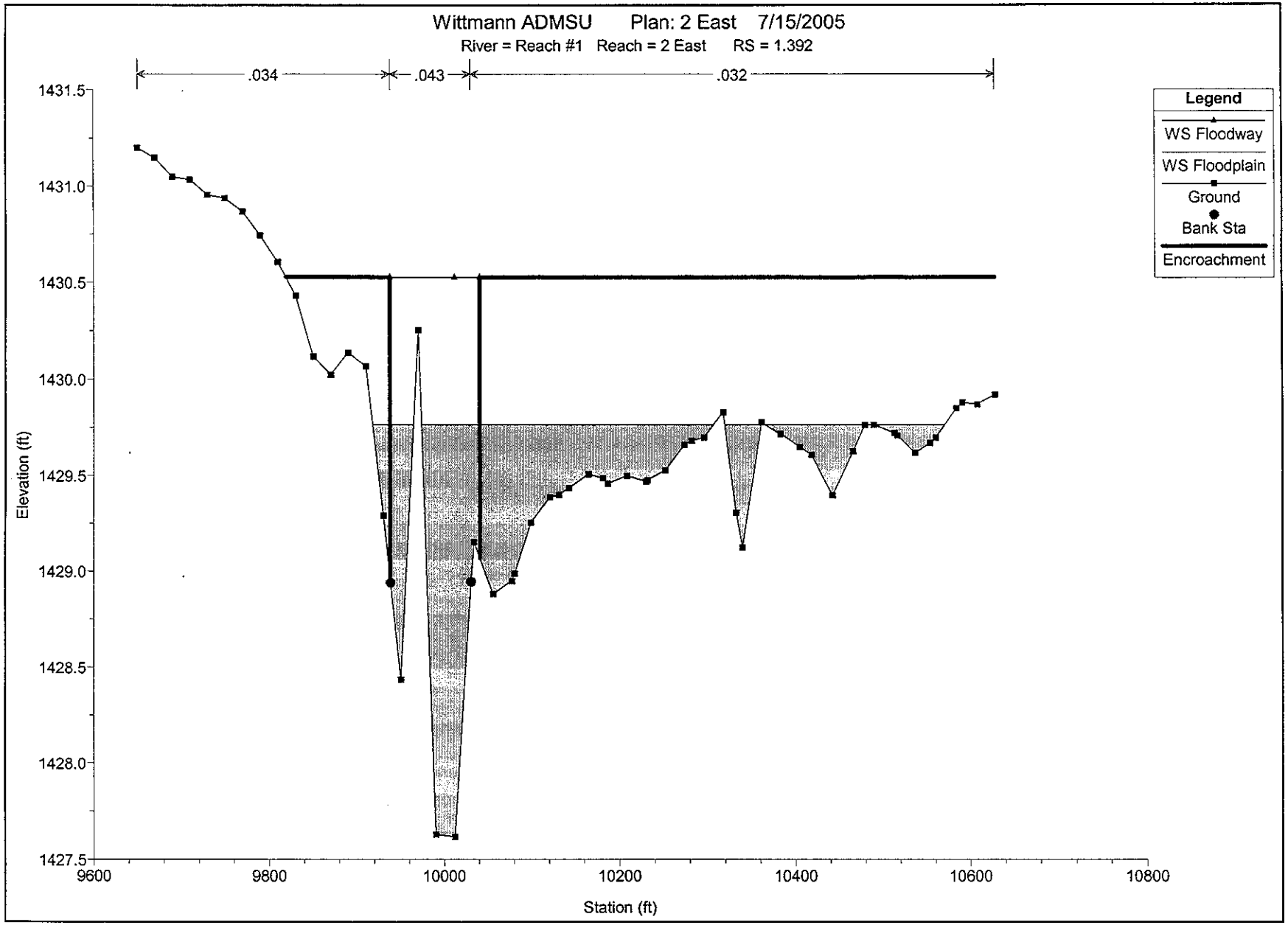

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.708
.034
.043
.032
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1441.0
1440.5
1440.0
1439.5
1439.0
1438.5
1438.0
1437.5
1437.0
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

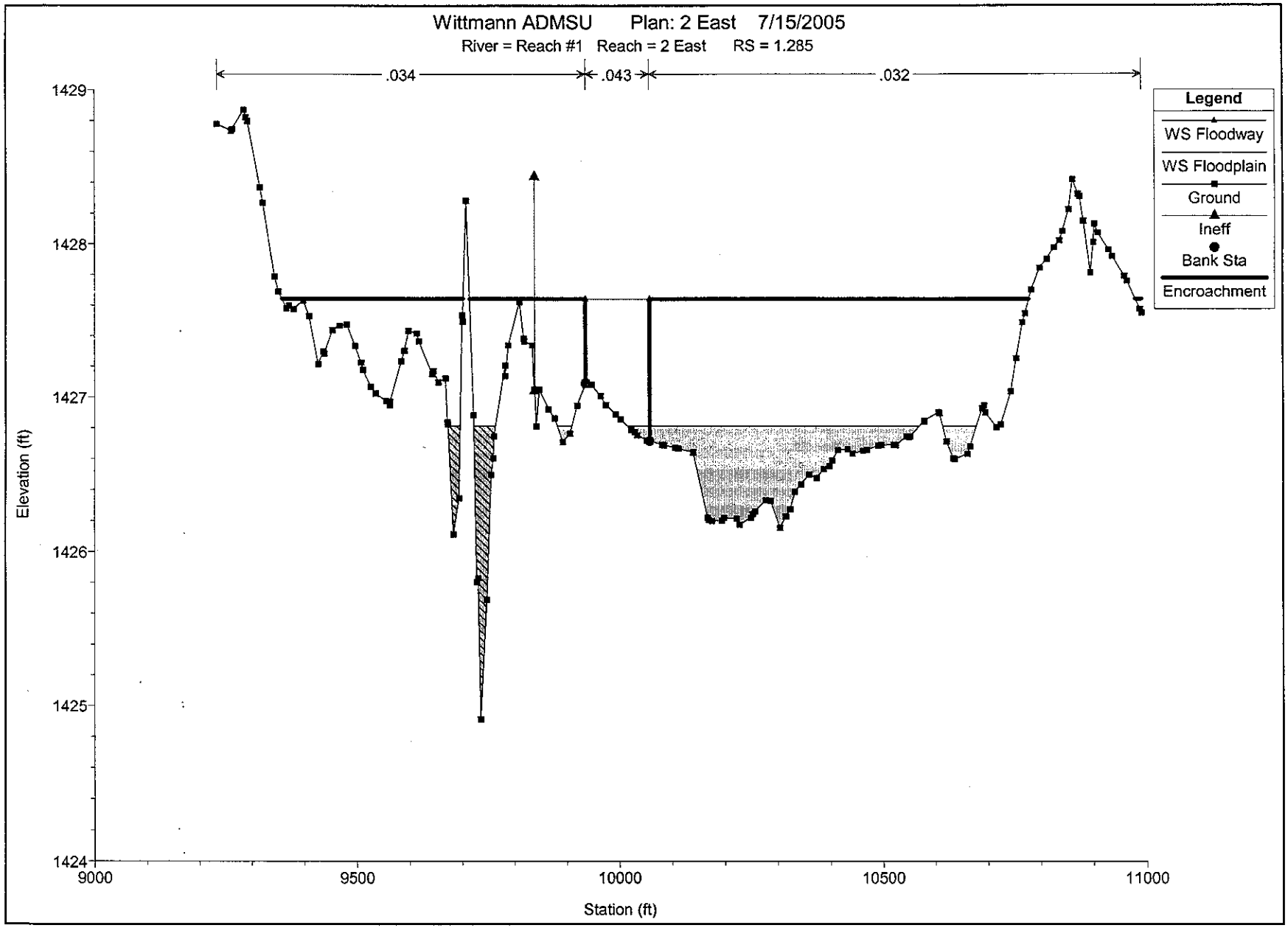

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.685 See Model for Wash 1 West for Dike failure scenario
.034
.043
.032
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1444
1442
1440
1438
1436
1434
1432
1430
9500
10000
10500
11000
11500
12000
12500
Station (ft)

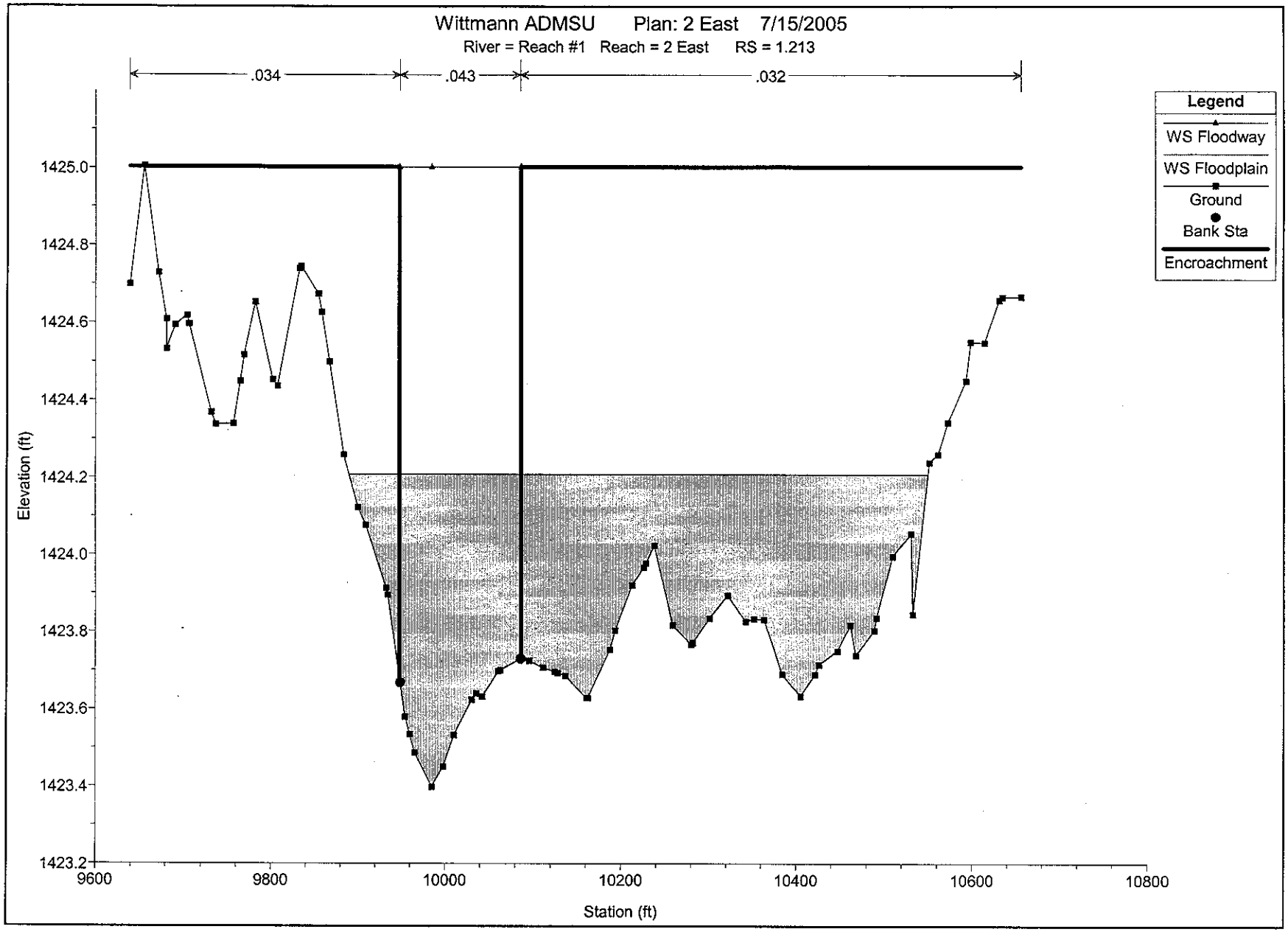

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.593 See Wash 1-West for dike failure scenario
.034
.043
.032
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1438
1436
1434
1432
1430
1428
9000
9500
10000
10500
11000
11500
12000
Station (ft)

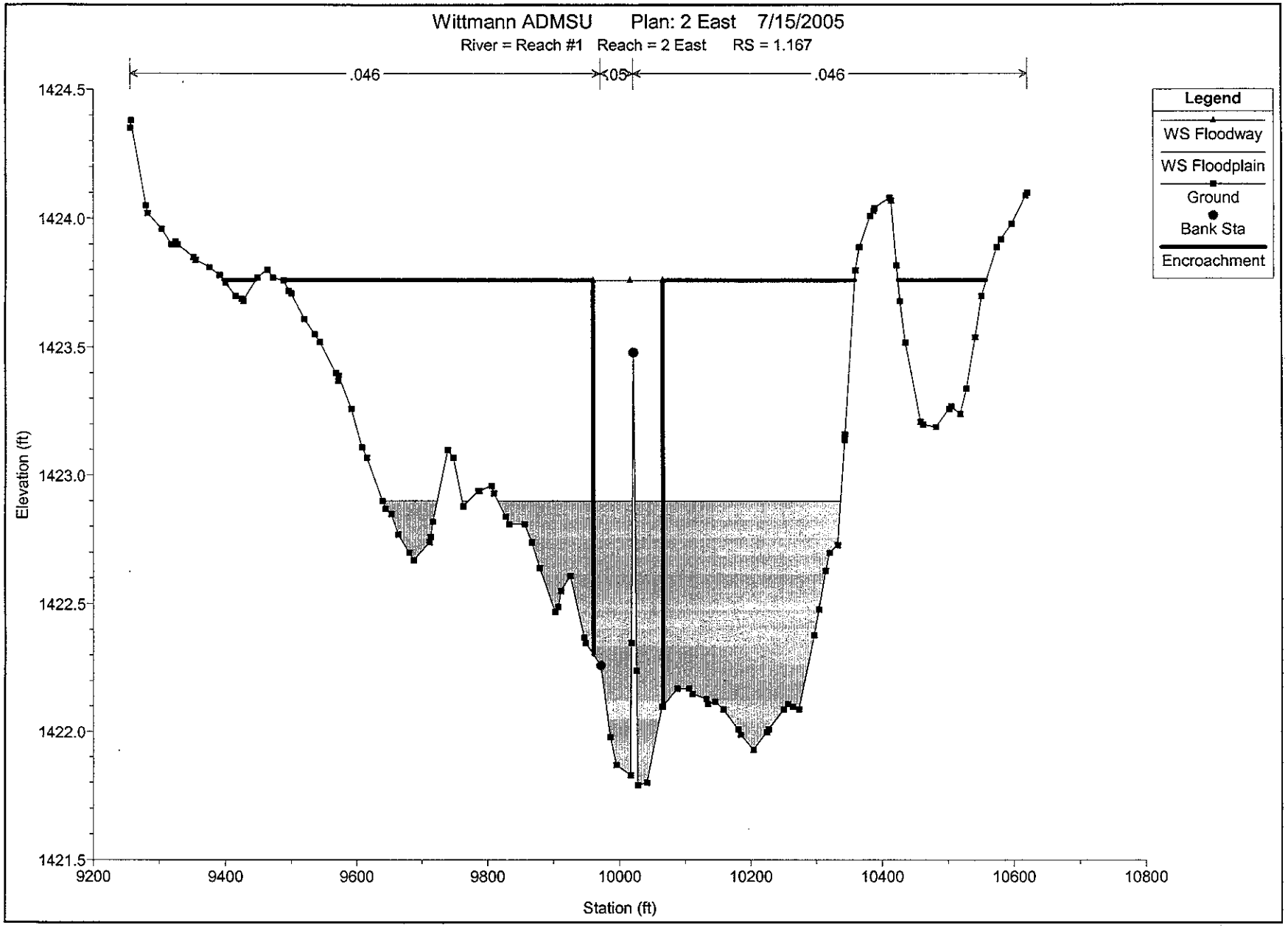

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.523 See model Wash 1-West for dike failure scenario
.034
.043
.032
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1436
1434
1432
1430
1428
1426
8500
9000
9500
10000
10500
11000
11500
12000
12500
Station (ft)

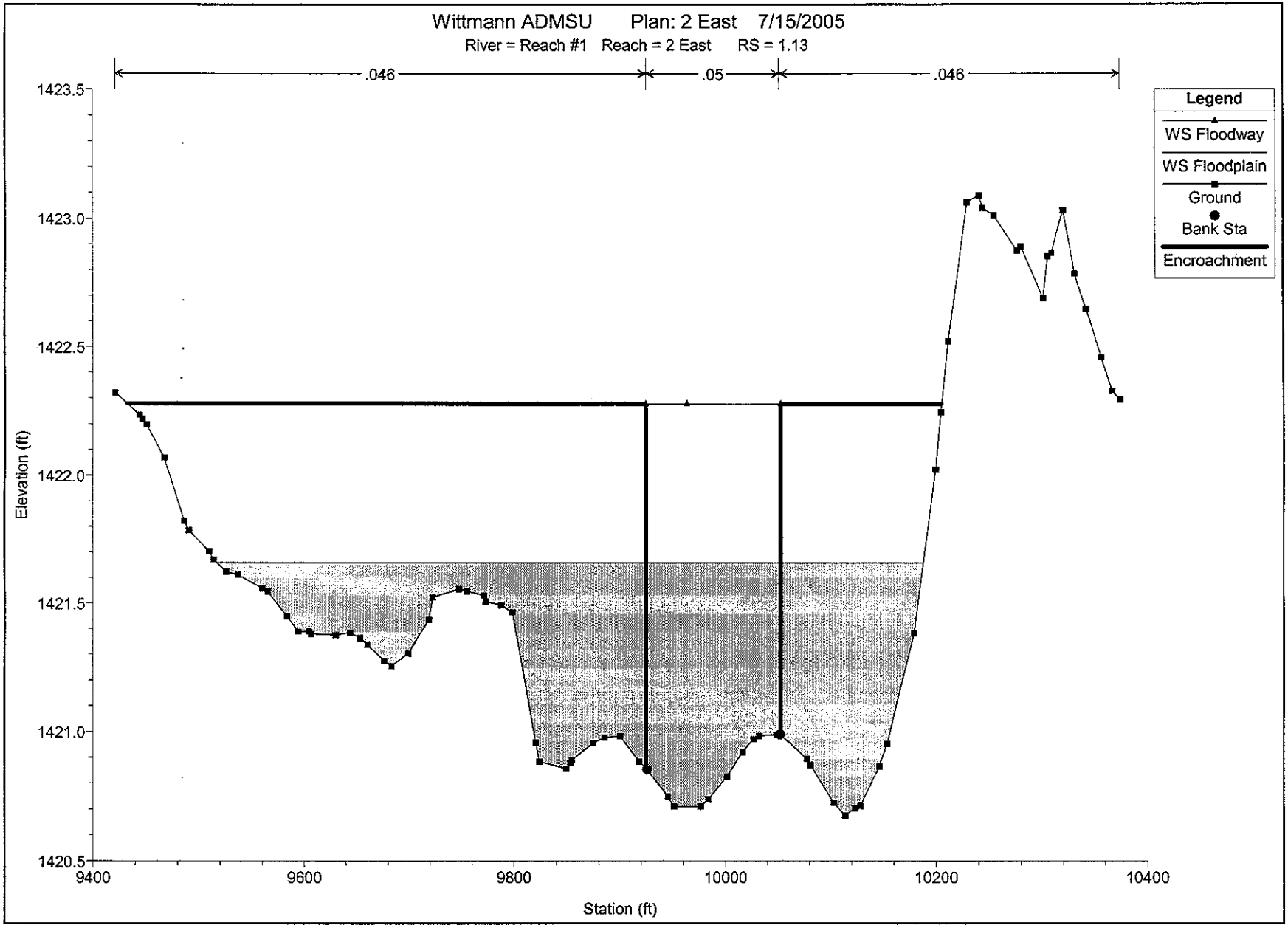

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.461
.034
.043
.032
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1434
1433
1432
1431
1430
1429
1428
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

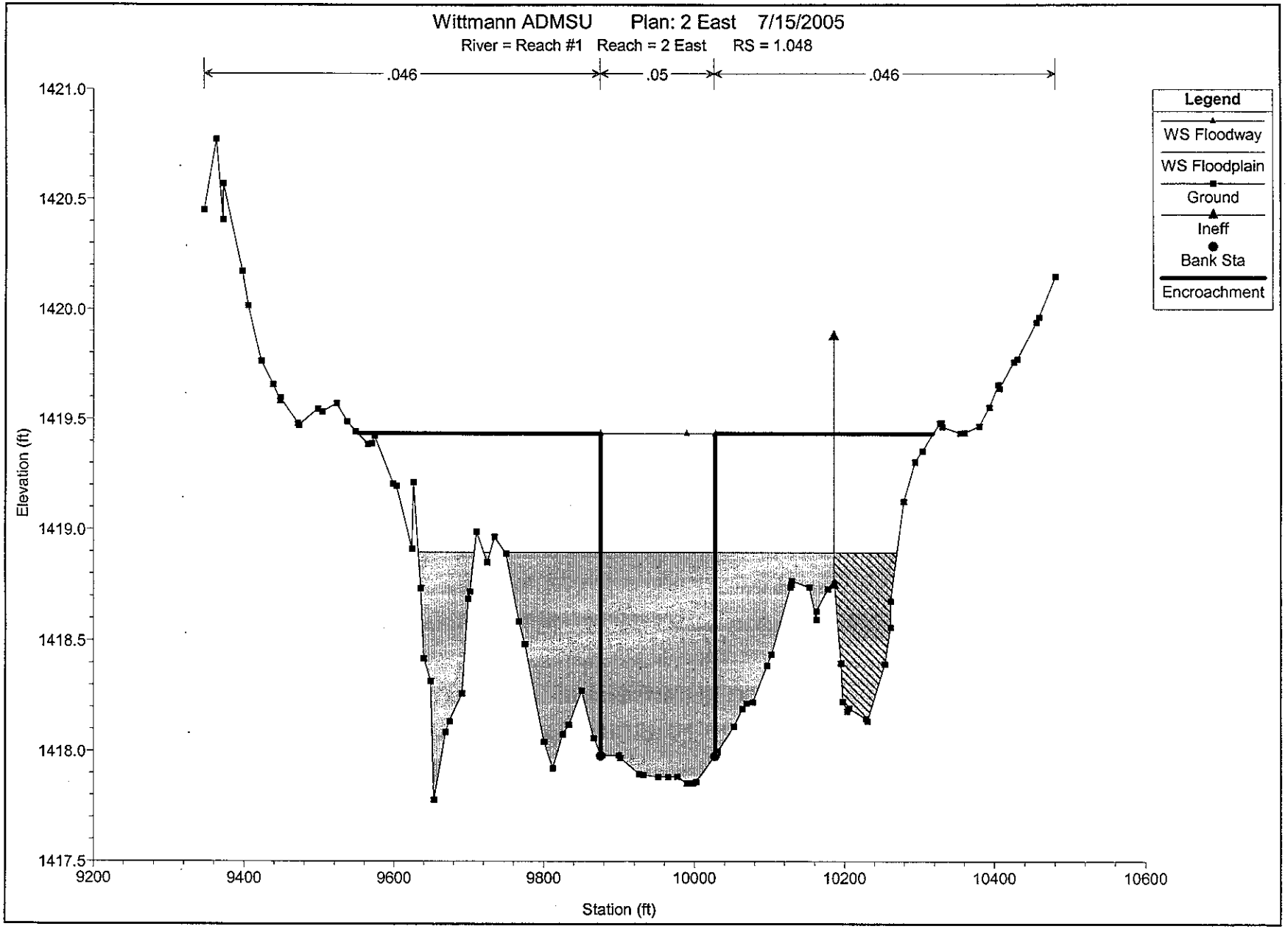

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.392
.034
.043
.032
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1431.5
1431.0
1430.5
1430.0
1429.5
1429.0
1428.5
1428.0
1427.5
9600
9800
10000
10200
10400
10600
10800
Station (ft)

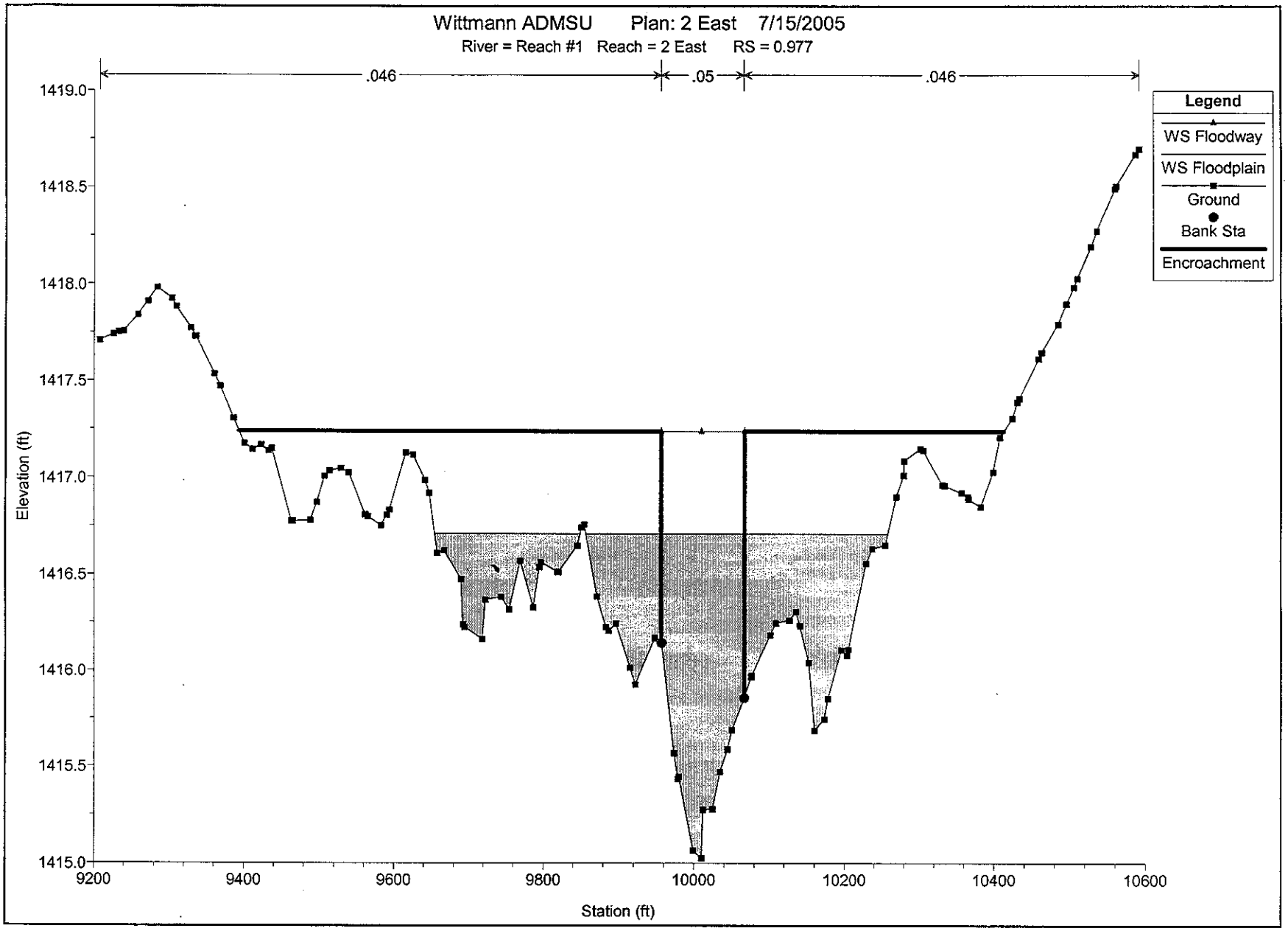

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.285
.034
.043
.032
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1429
1428
1427
1426
1425
1424
9000
9500
10000
10500
11000
Station (ft)

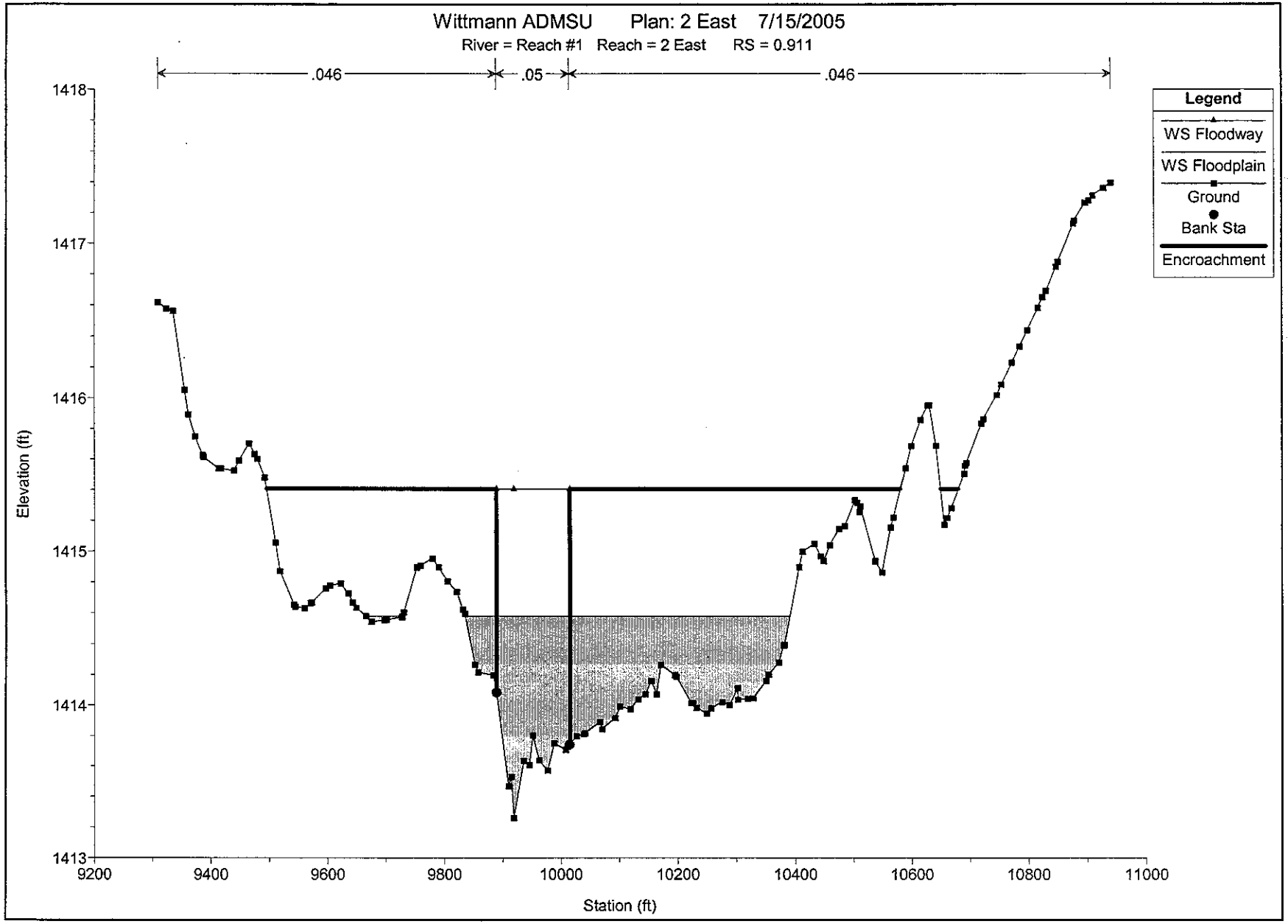

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.213
.034
.043
.032
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1425.0
1424.8
1424.6
1424.4
1424.2
1424.0
1423.8
1423.6
1423.4
1423.2
9600
9800
10000
10200
10400
10600
10800
Station (ft)

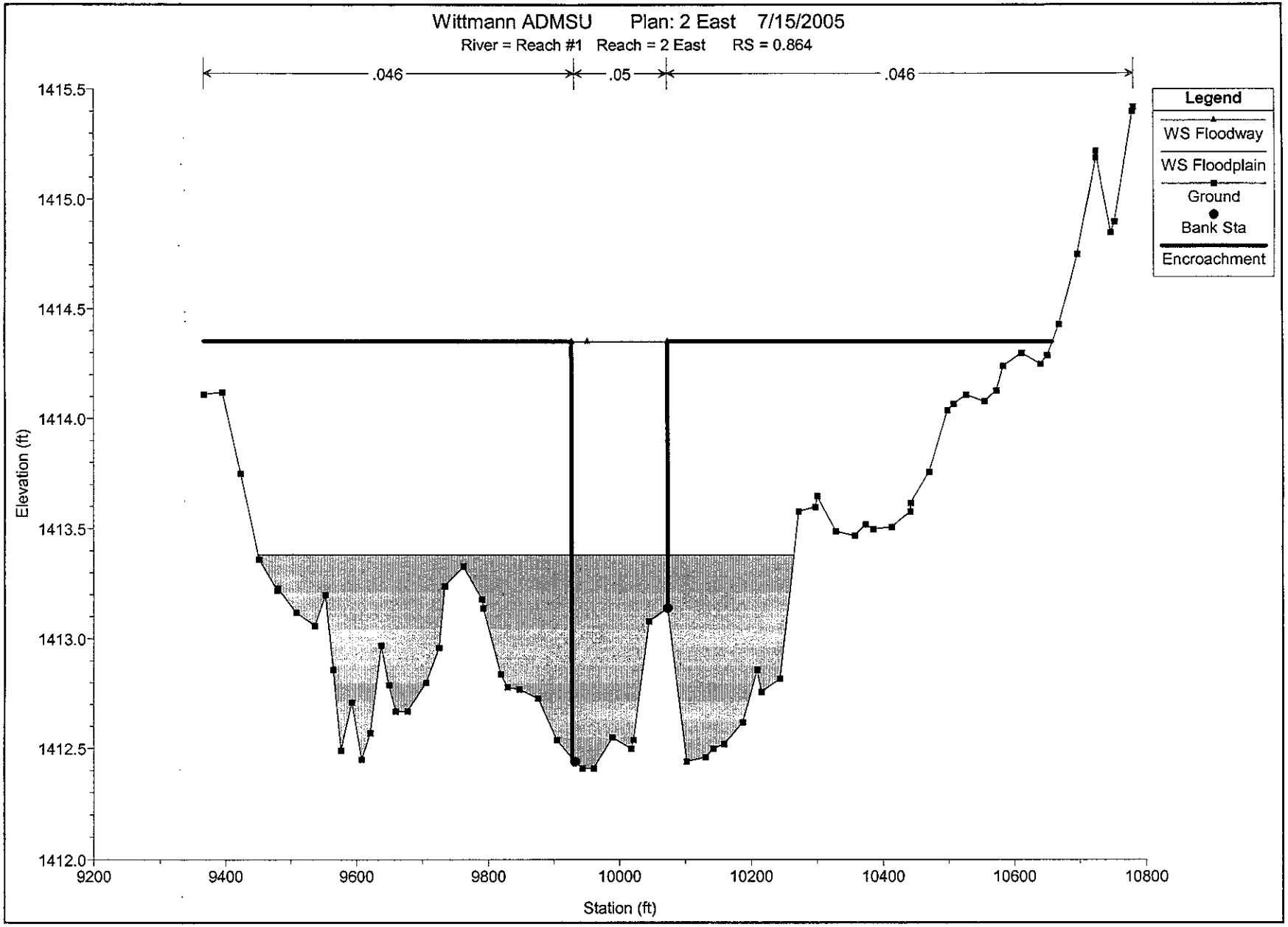

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.167
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1424.5
1424.0
1423.5
1423.0
1422.5
1422.0
1421.5
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

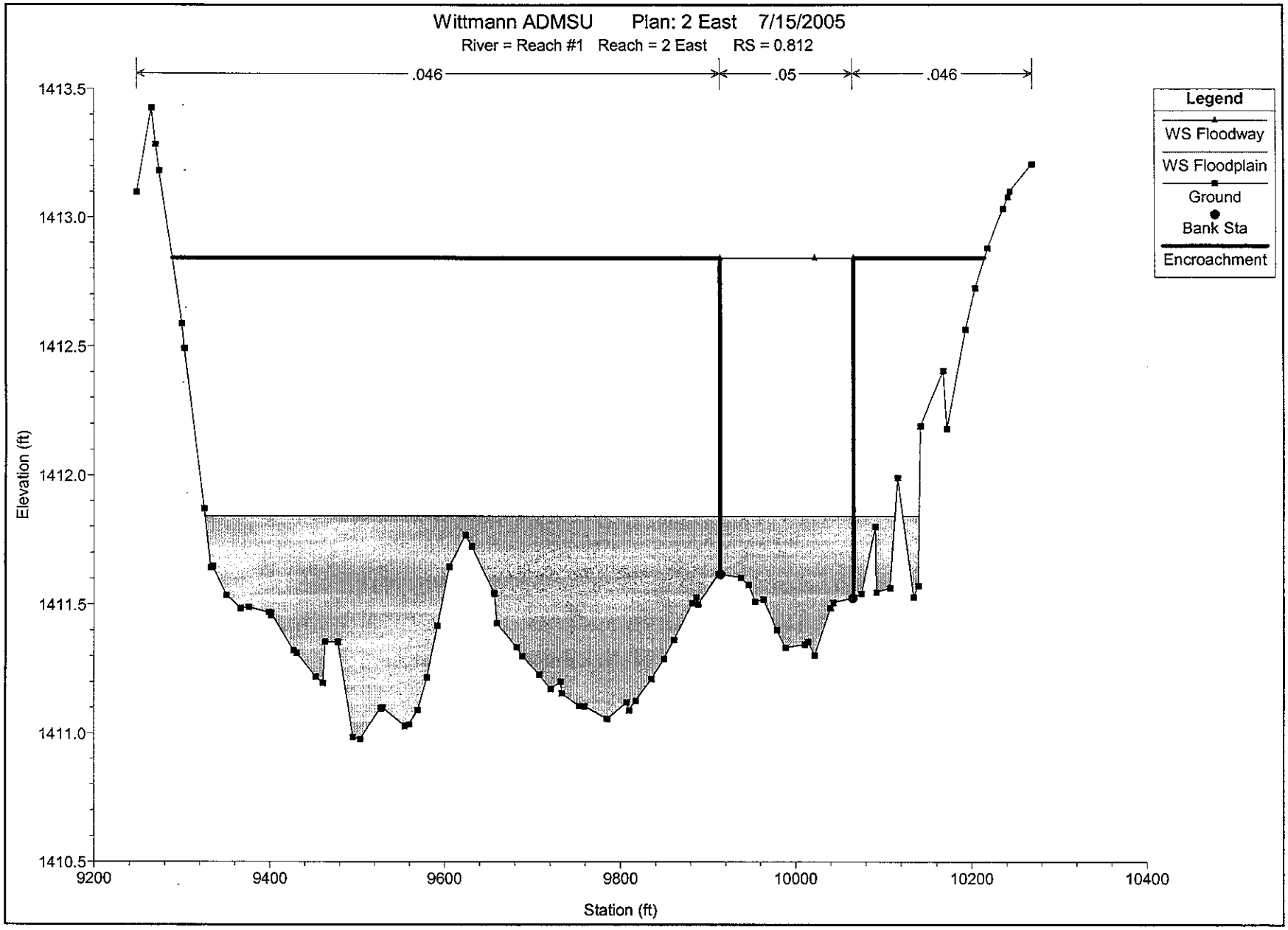

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.13
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1423.5
1423.0
1422.5
1422.0
1421.5
1421.0
1420.5
9400
9600
9800
10000
10200
10400
Station (ft)

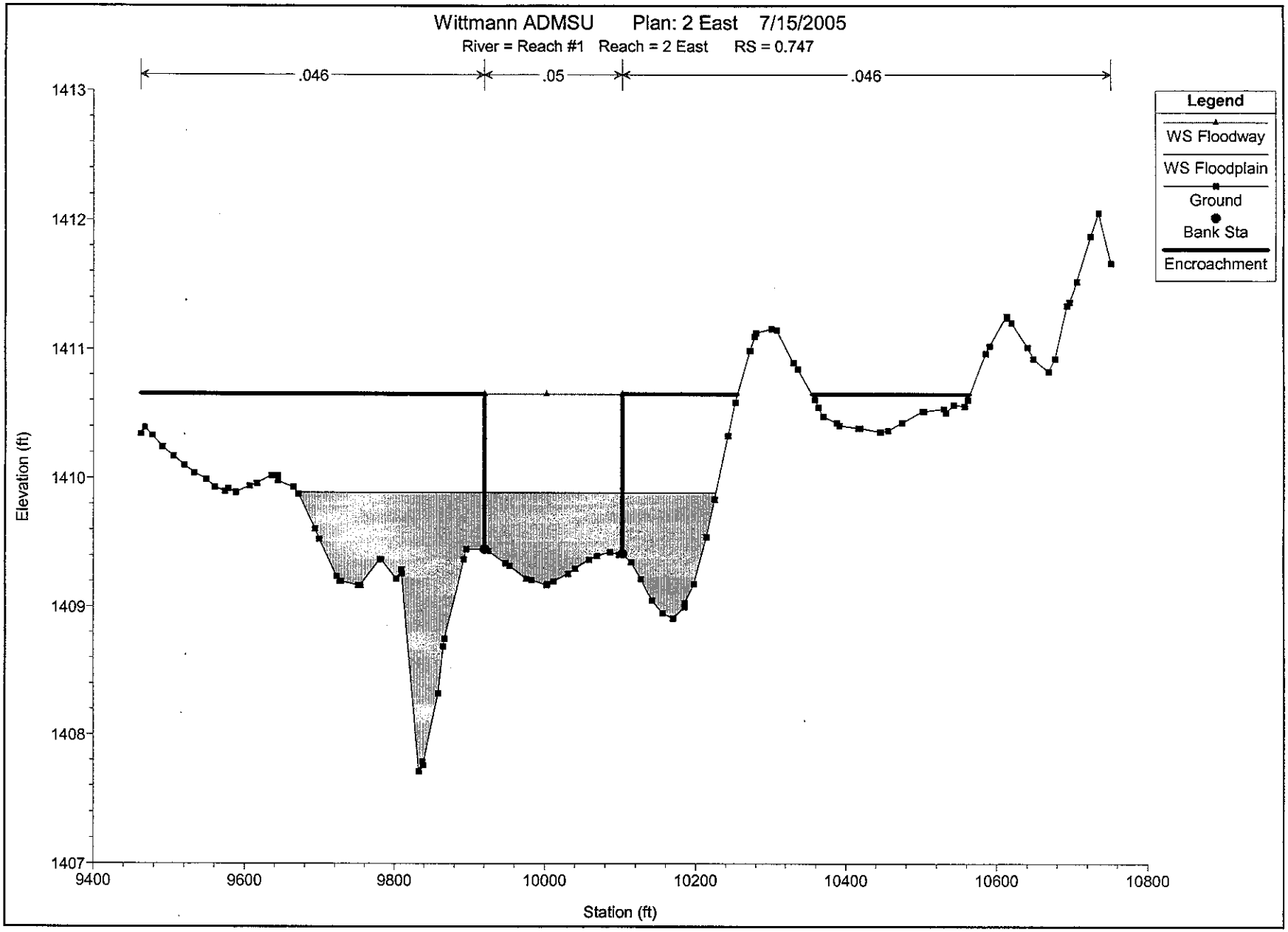

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 1.048
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1421.0
1420.5
1420.0
1419.5
1419.0
1418.5
1418.0
1417.5
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

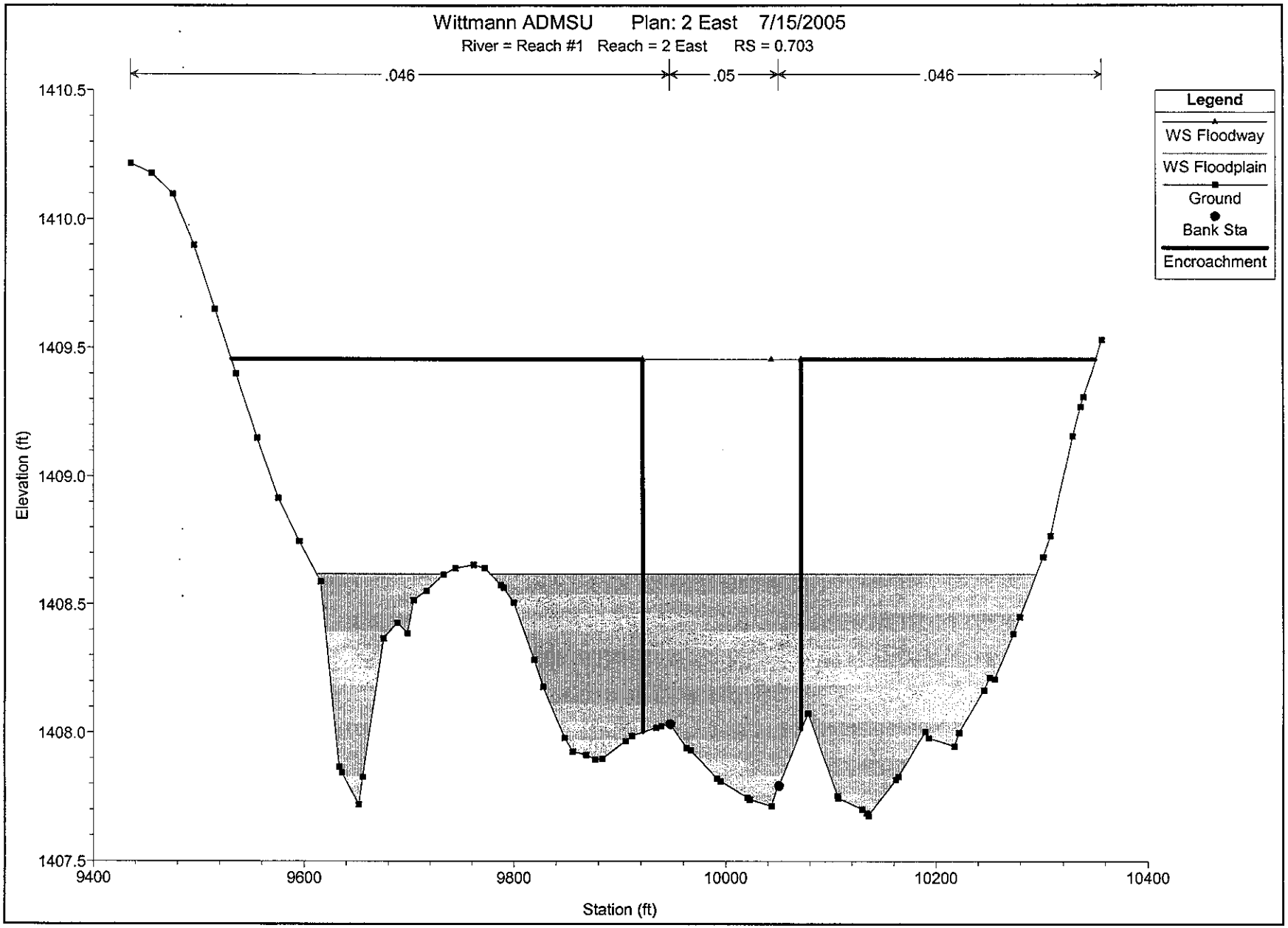

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.977
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1419.0
1418.5
1418.0
1417.5
1417.0
1416.5
1416.0
1415.5
1415.0
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

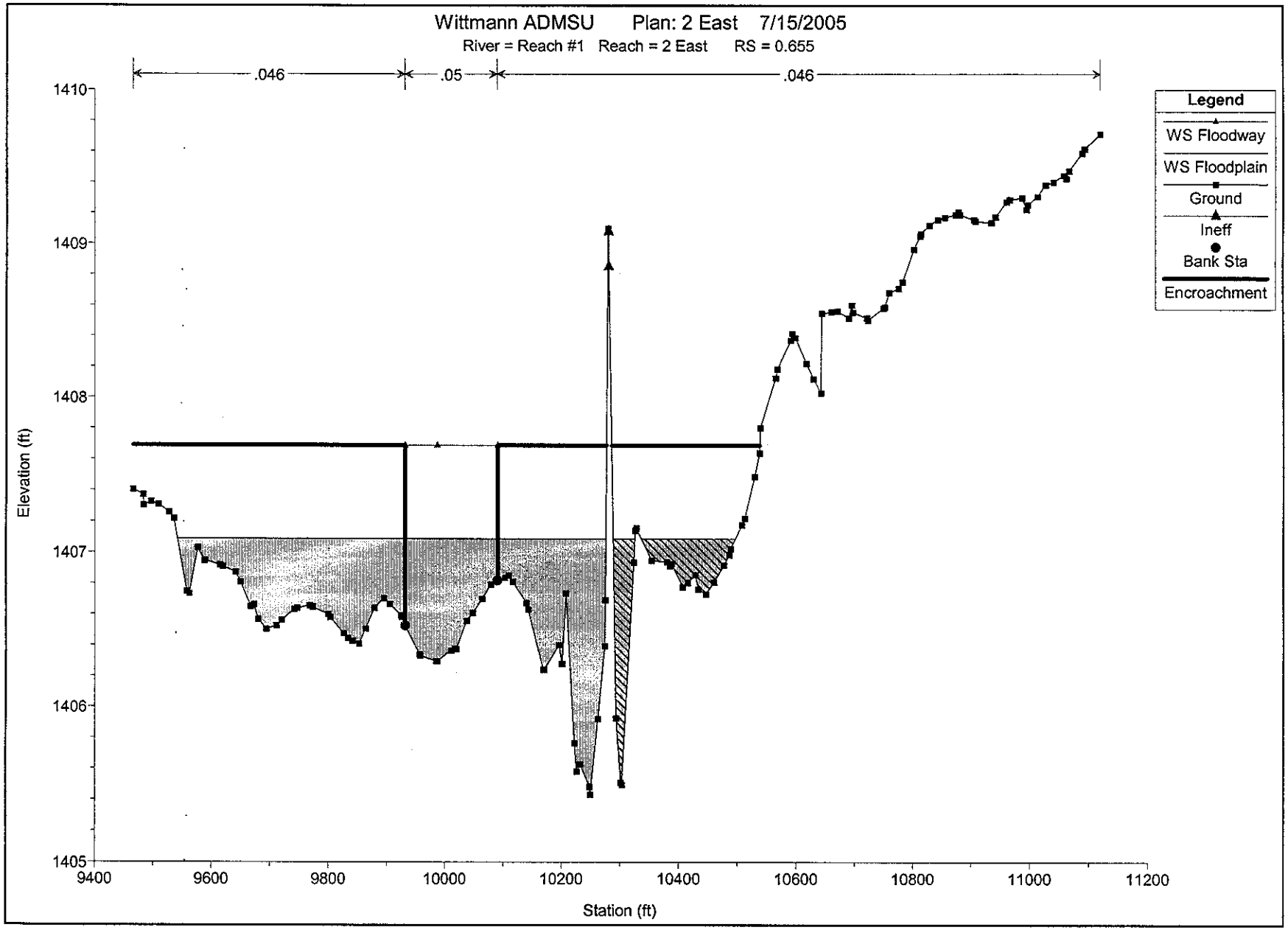

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.911
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1418
1417
1416
1415
1414
1413
9200
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

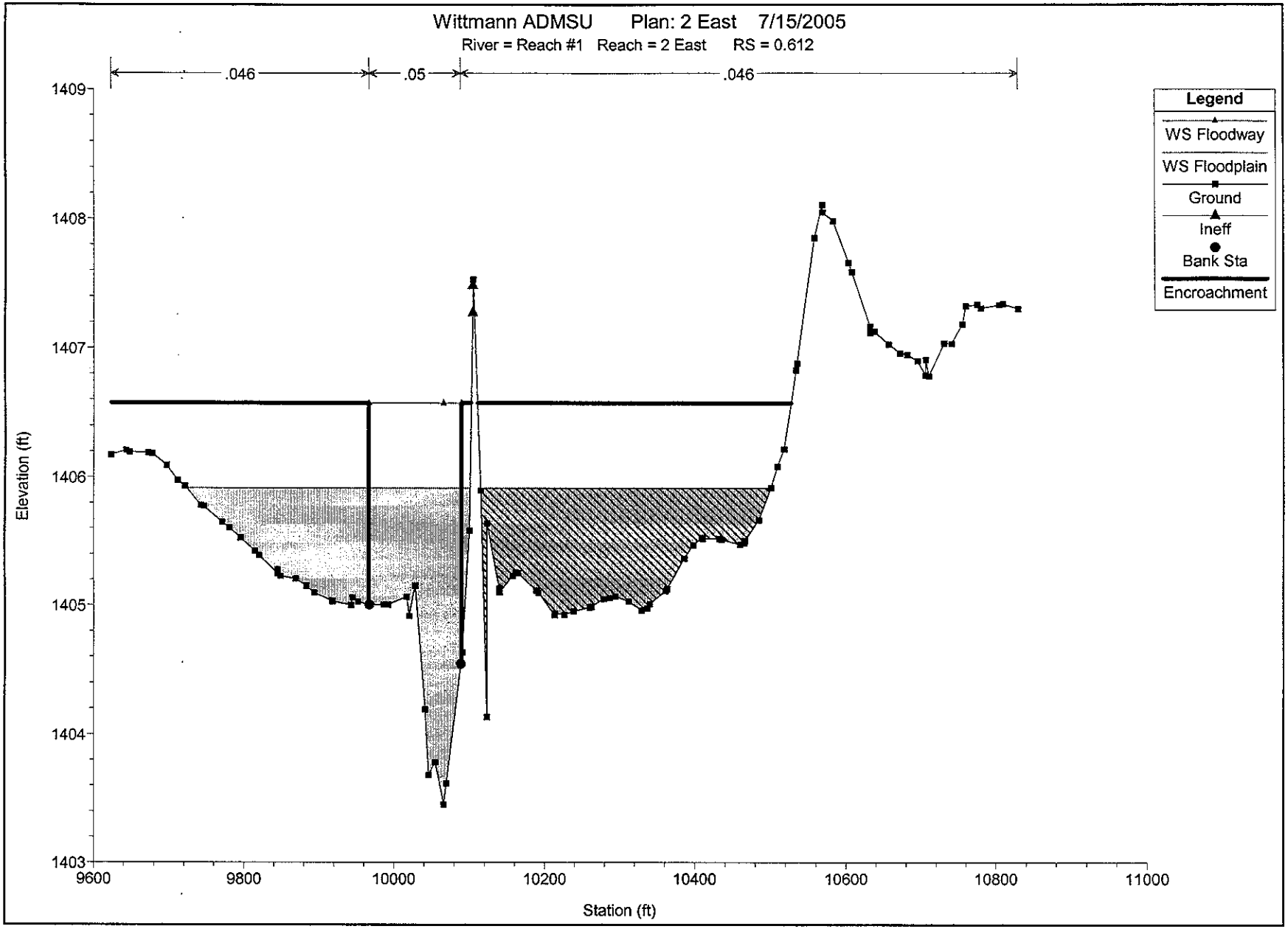

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.864
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1415.5
1415.0
1414.5
1414.0
1413.5
1413.0
1412.5
1412.0
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

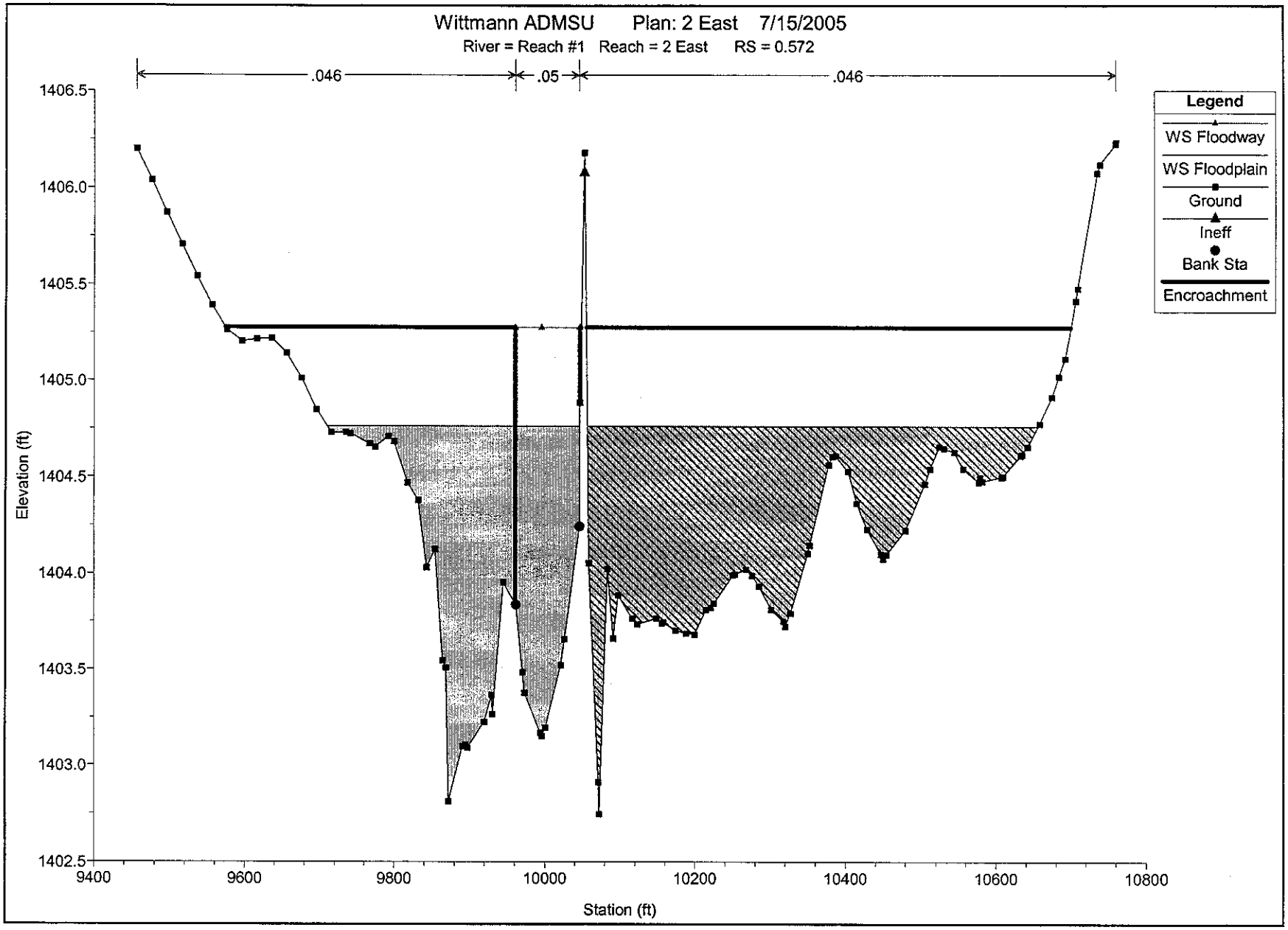

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.812
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1413.5
1413.0
1412.5
1412.0
1411.5
1411.0
1410.5
9200
9400
9600
9800
10000
10200
10400
Station (ft)

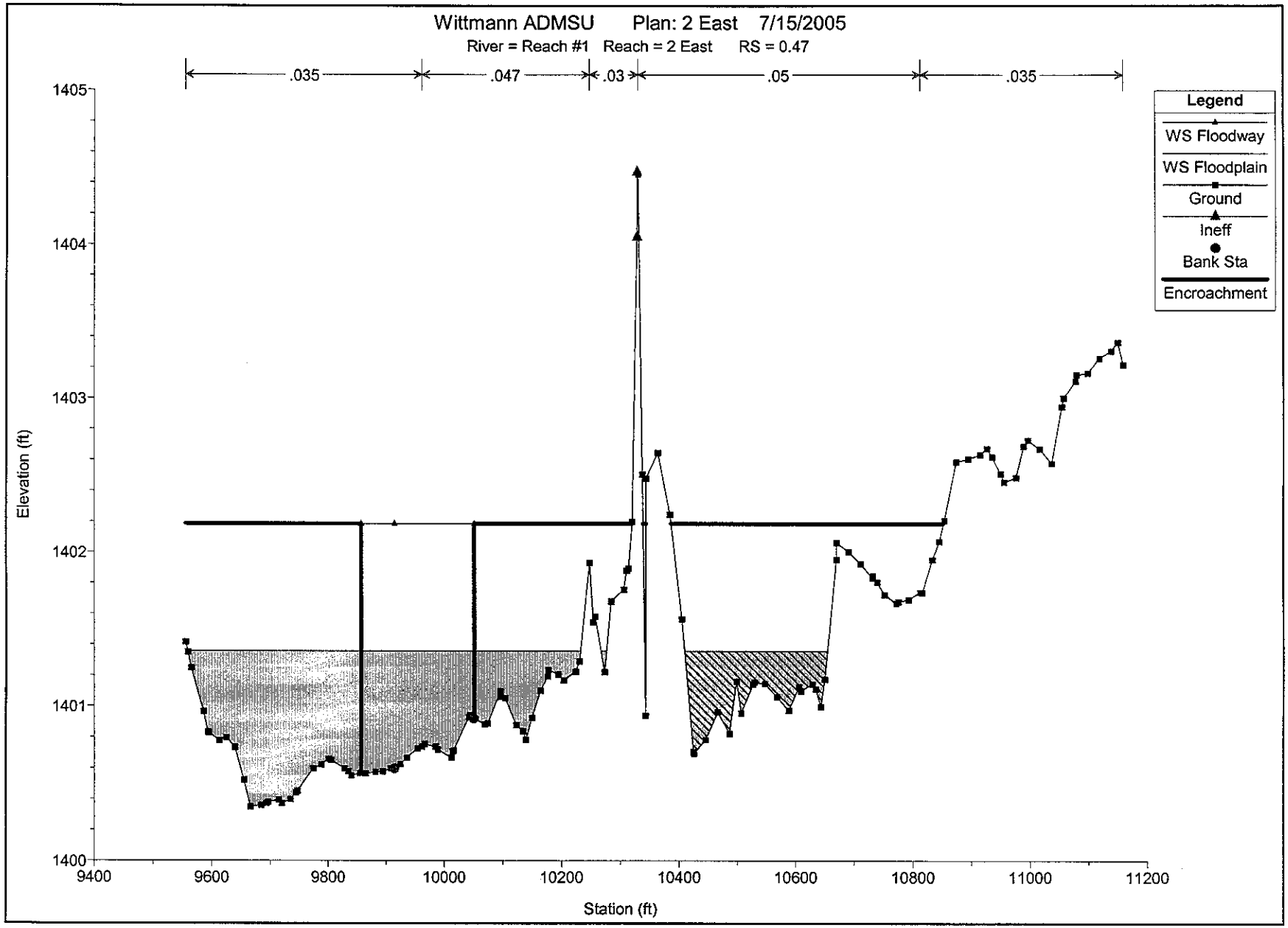

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.747
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1413
1412
1411
1410
1409
1408
1407
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

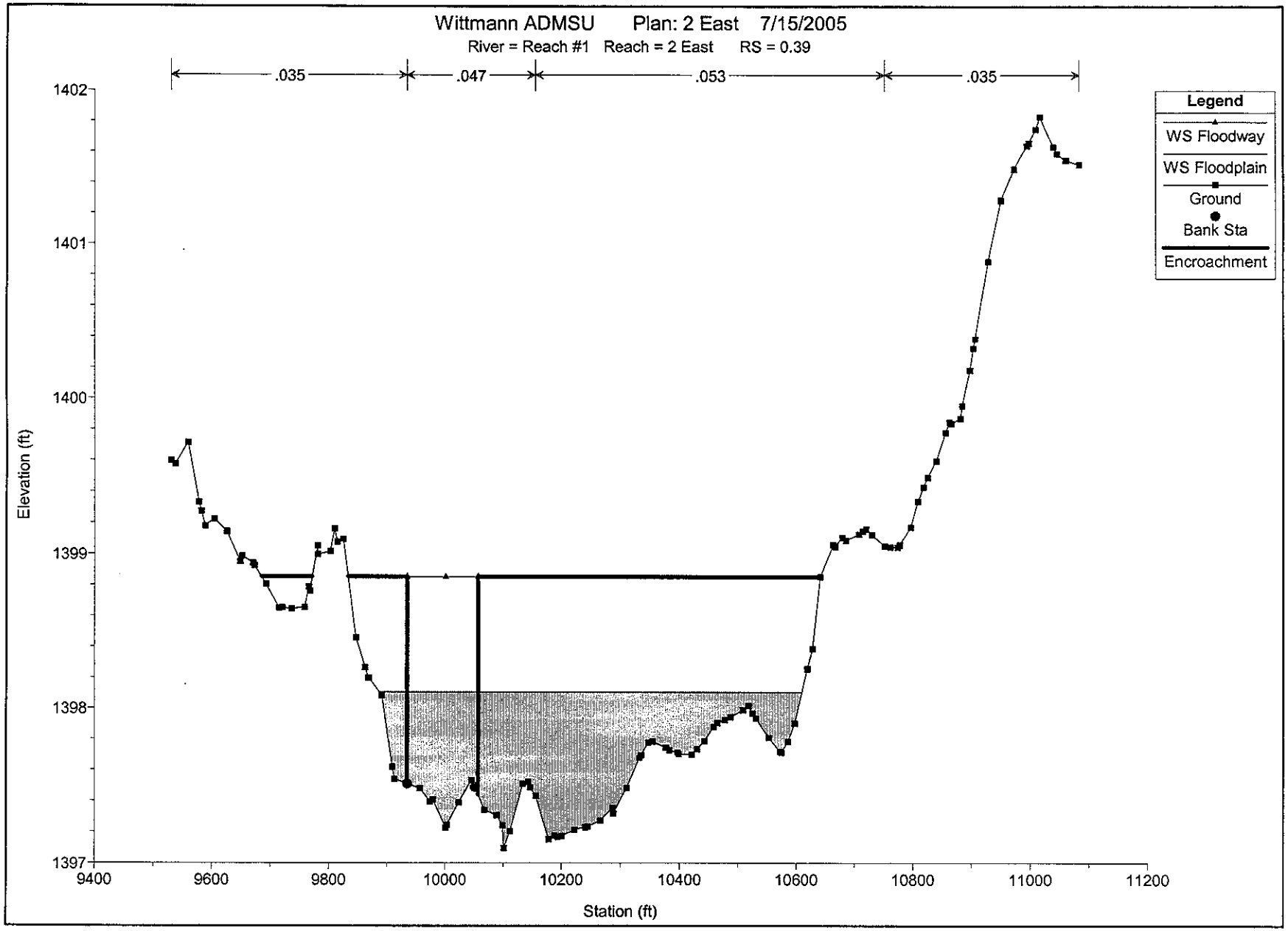

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.703
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1410.5
1410.0
1409.5
1409.0
1408.5
1408.0
1407.5
9400
9600
9800
10000
10200
10400
Station (ft)

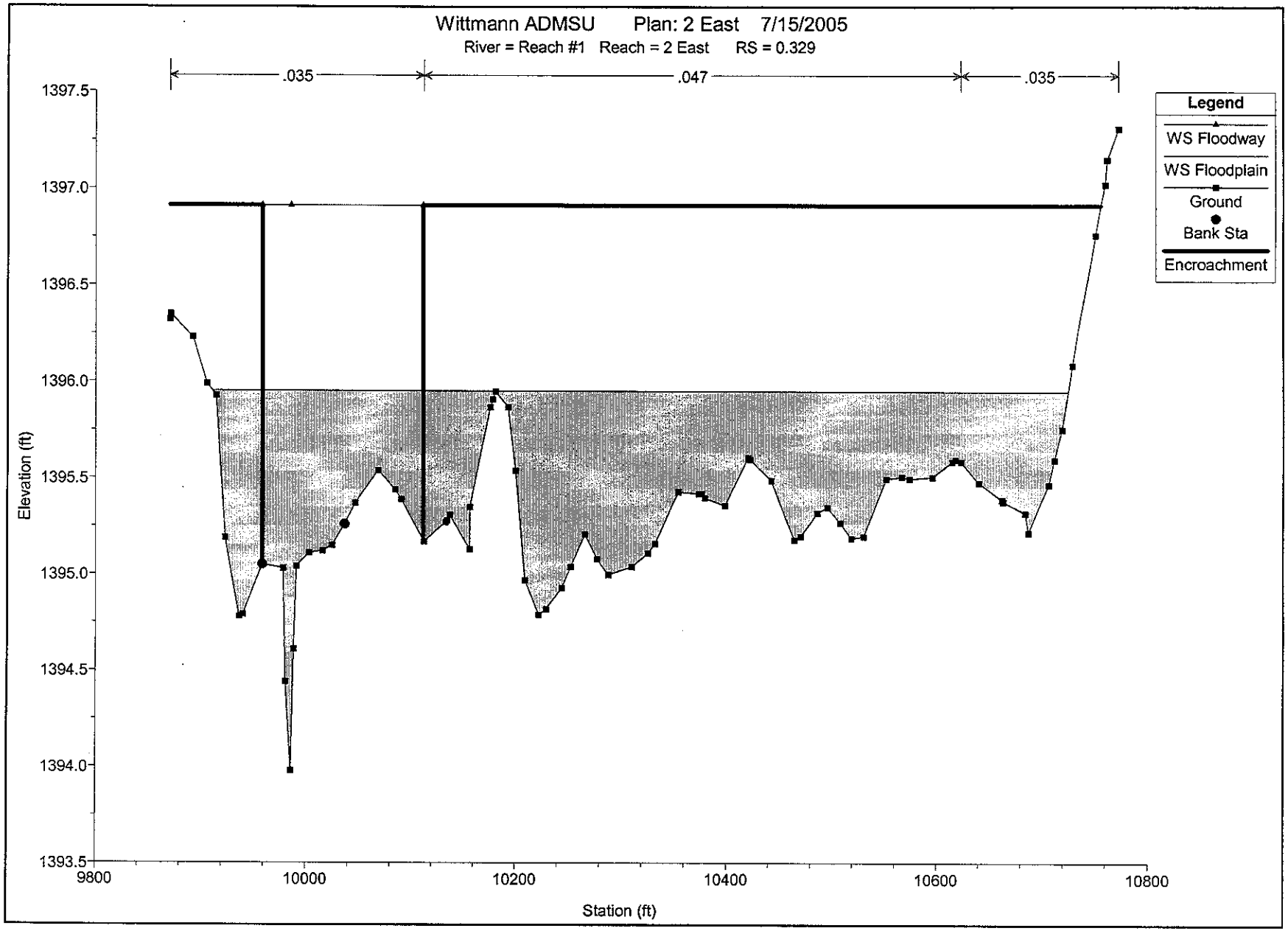

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.655
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1410
1409
1408
1407
1406
1405
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

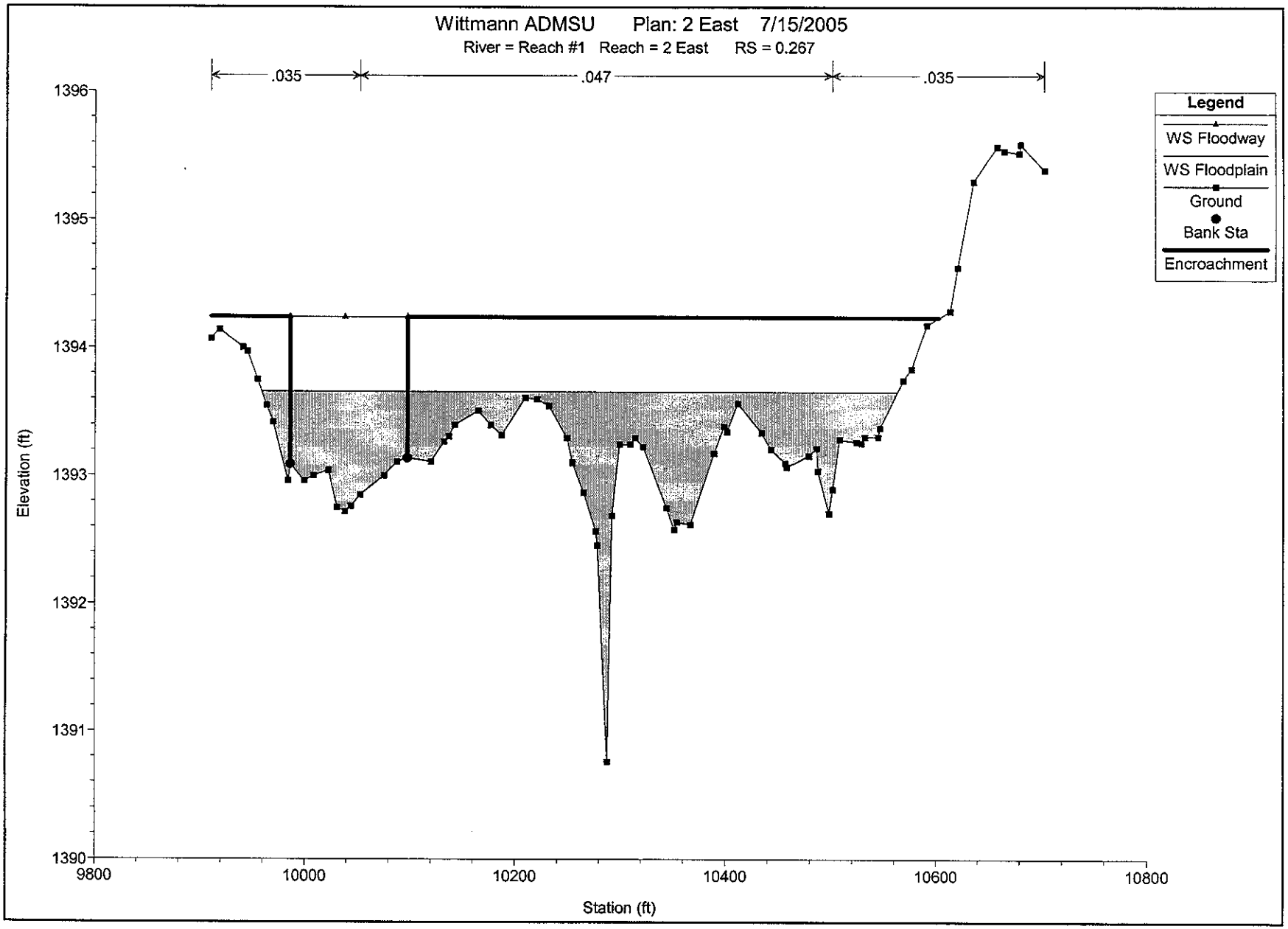

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.612
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1409
1408
1407
1406
1405
1404
1403
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

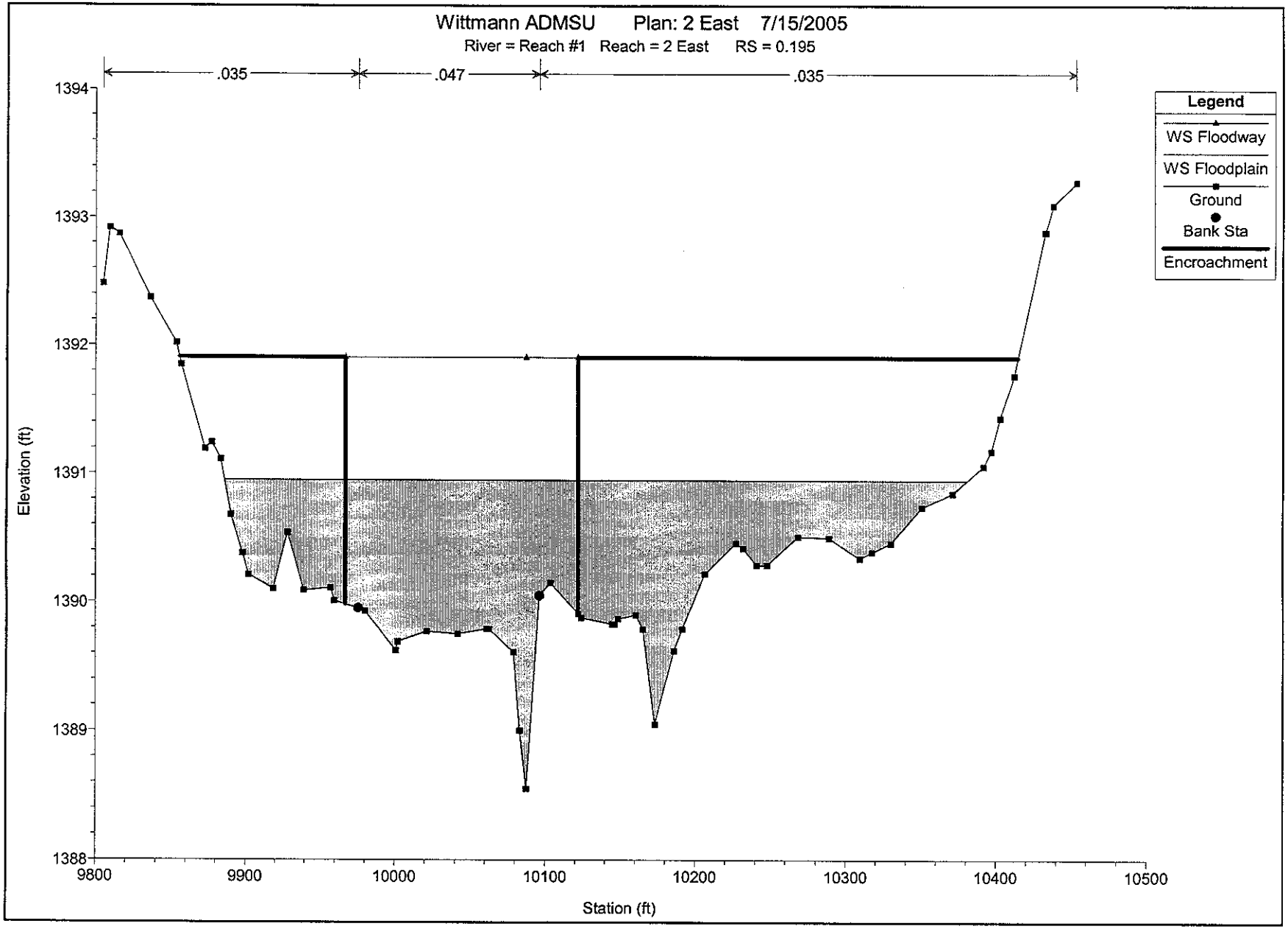

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.572
.046
.05
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1406.5
1406.0
1405.5
1405.0
1404.5
1404.0
1403.5
1403.0
1402.5
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

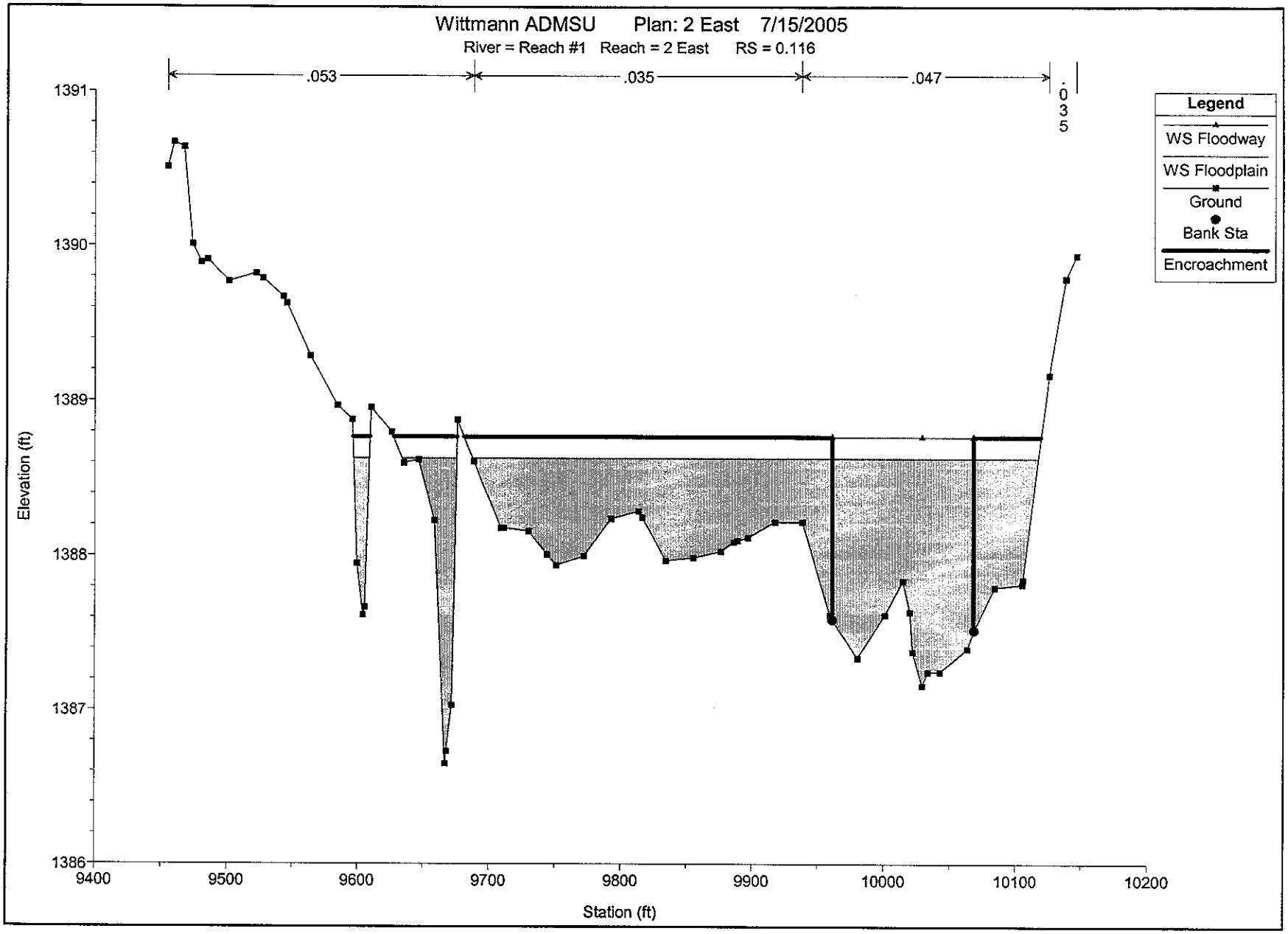

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.47
.035
.047
.03
.05
.035
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1405
1404
1403
1402
1401
1400
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

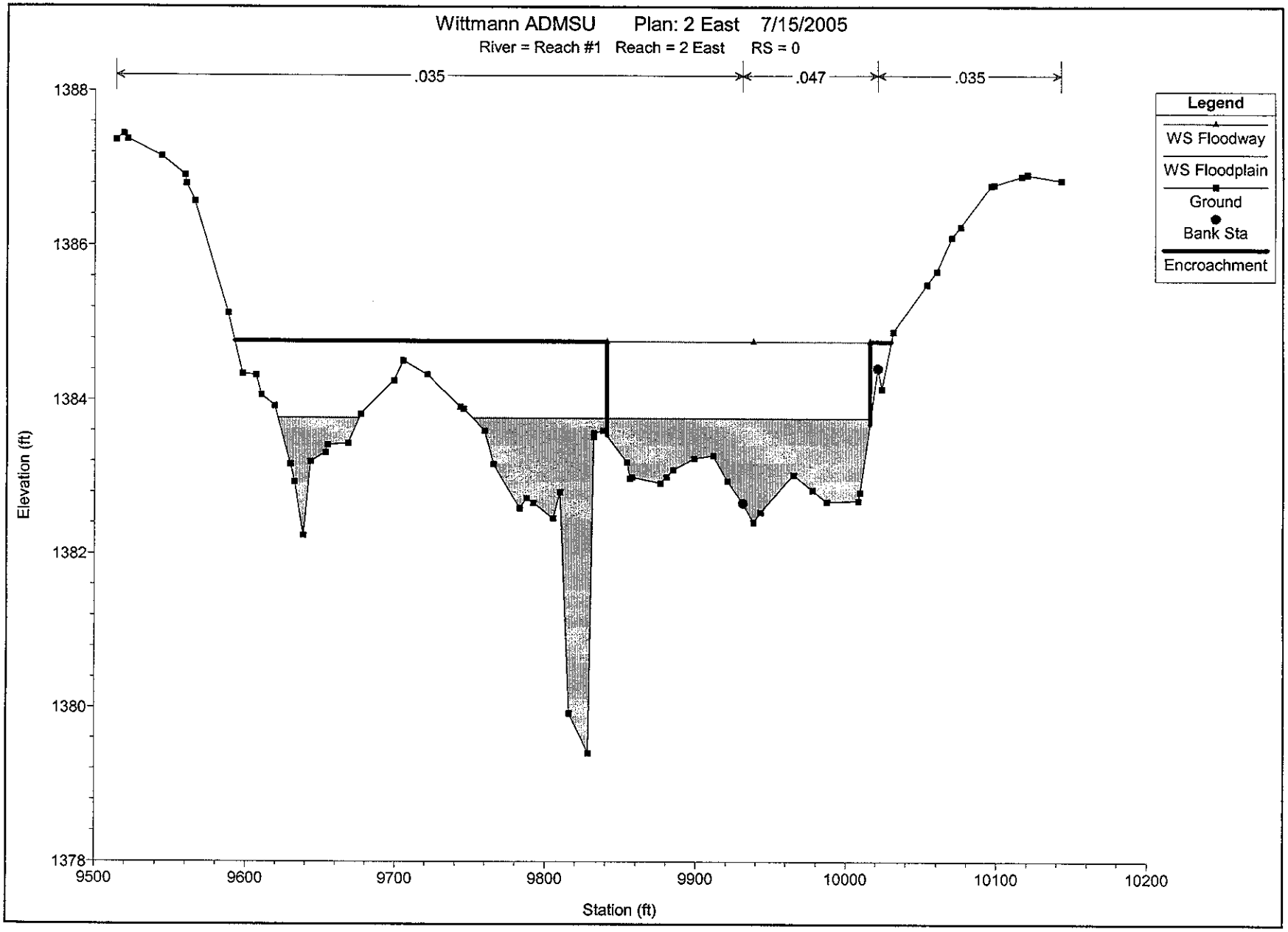

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.39
.035
.047
.053
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1402
1401
1400
1399
1398
1397
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)


Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.329
.035
.047
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1397.5
1397.0
1396.5
1396.0
1395.5
1395.0
1394.5
1394.0
1393.5
9800
10000
10200
10400
10600
10800
Station (ft)

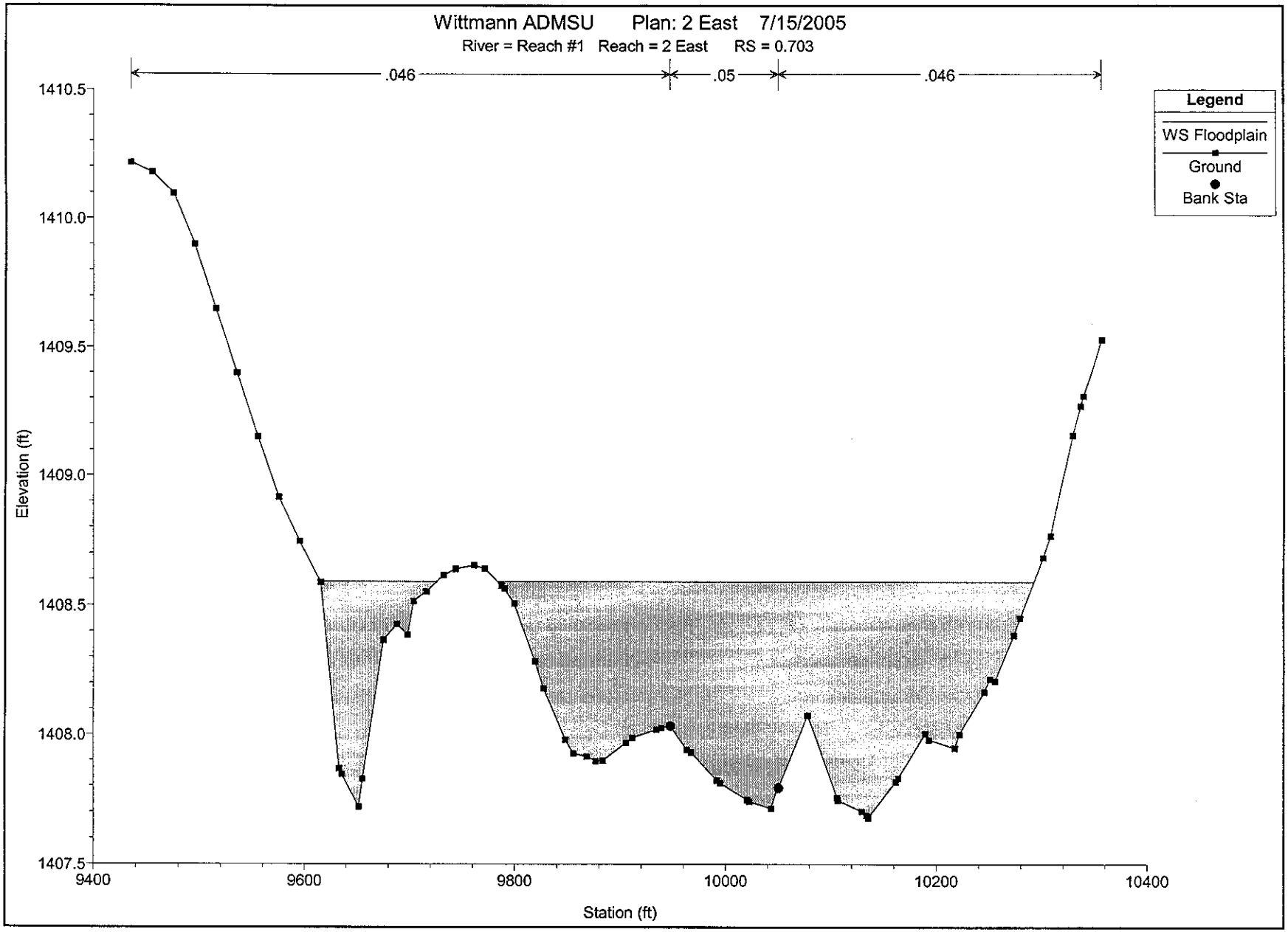

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.267
.035
.047
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1396
1395
1394
1393
1392
1391
1390
9800
10000
10200
10400
10600
10800
Station (ft)

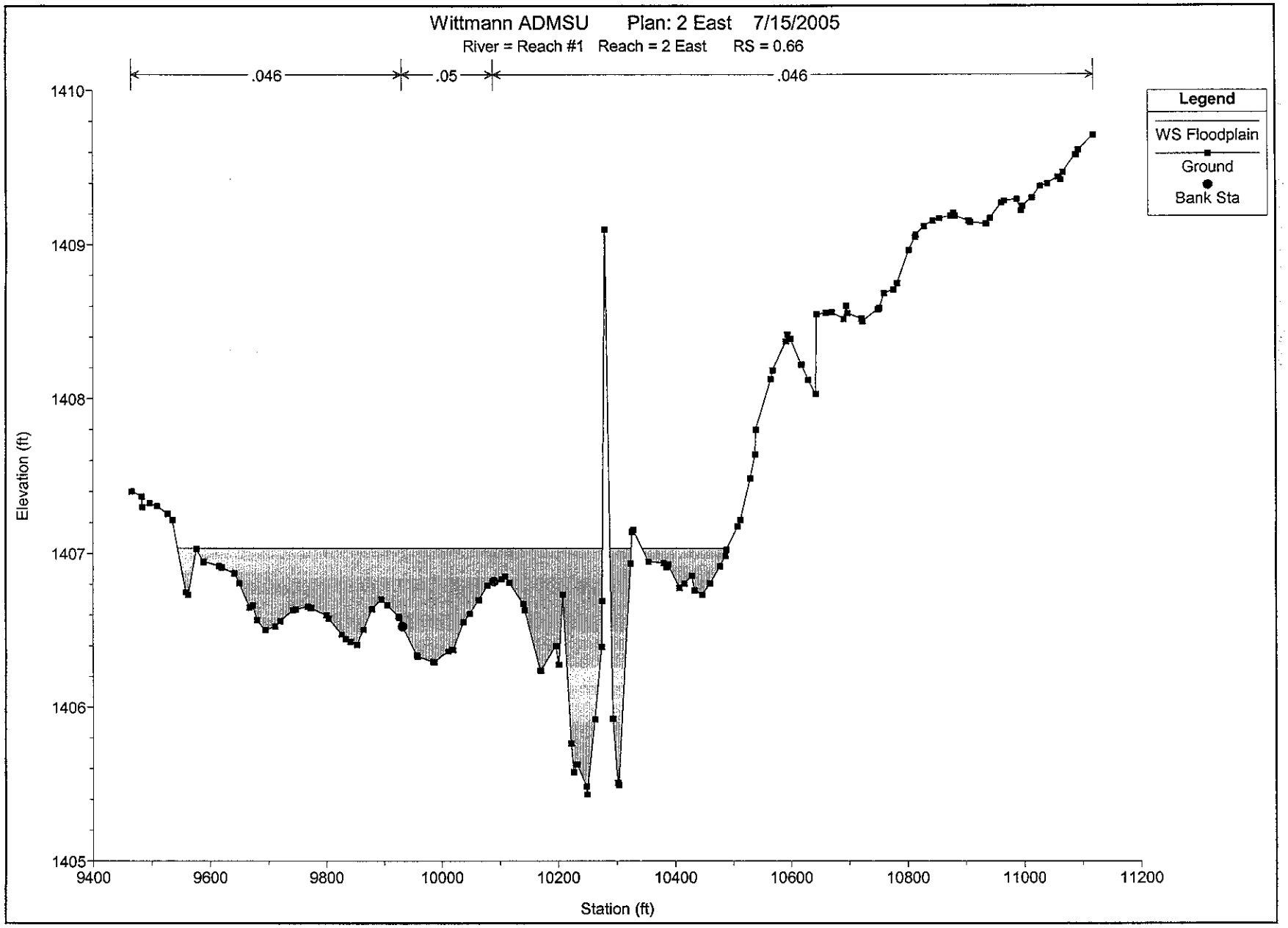

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.195
.035
.047
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1394
1393
1392
1391
1390
1389
1388
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

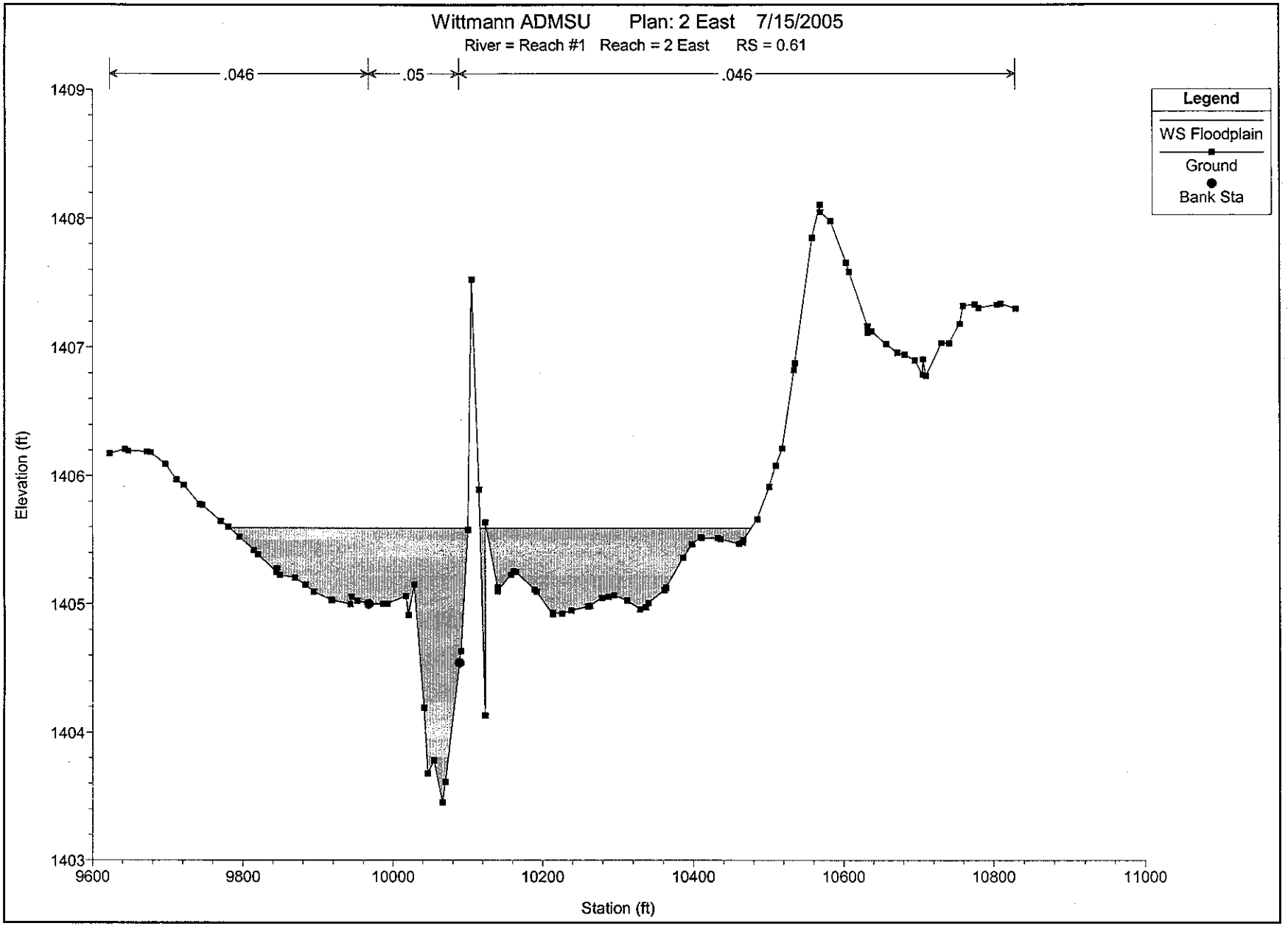

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.116
.053
.035
.047
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1391
1390
1389
1388
1387
1386
9400
9500
9600
9700
9800
9900
10000
10100
10200
Station (ft)

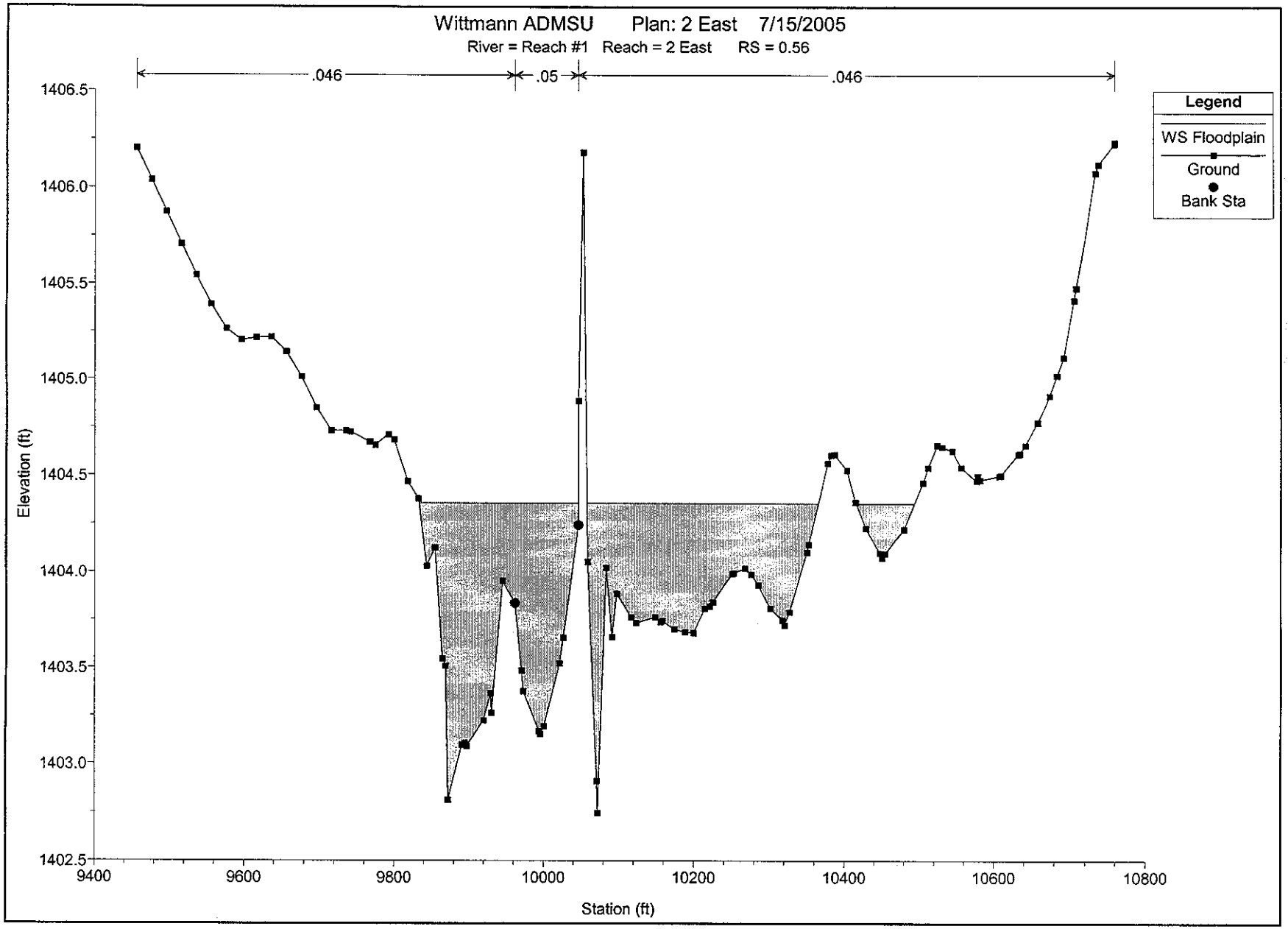

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0
.035
.047
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1388
1386
1384
1382
1380
1378
9500
9600
9700
9800
9900
10000
10100
10200
Station (ft)

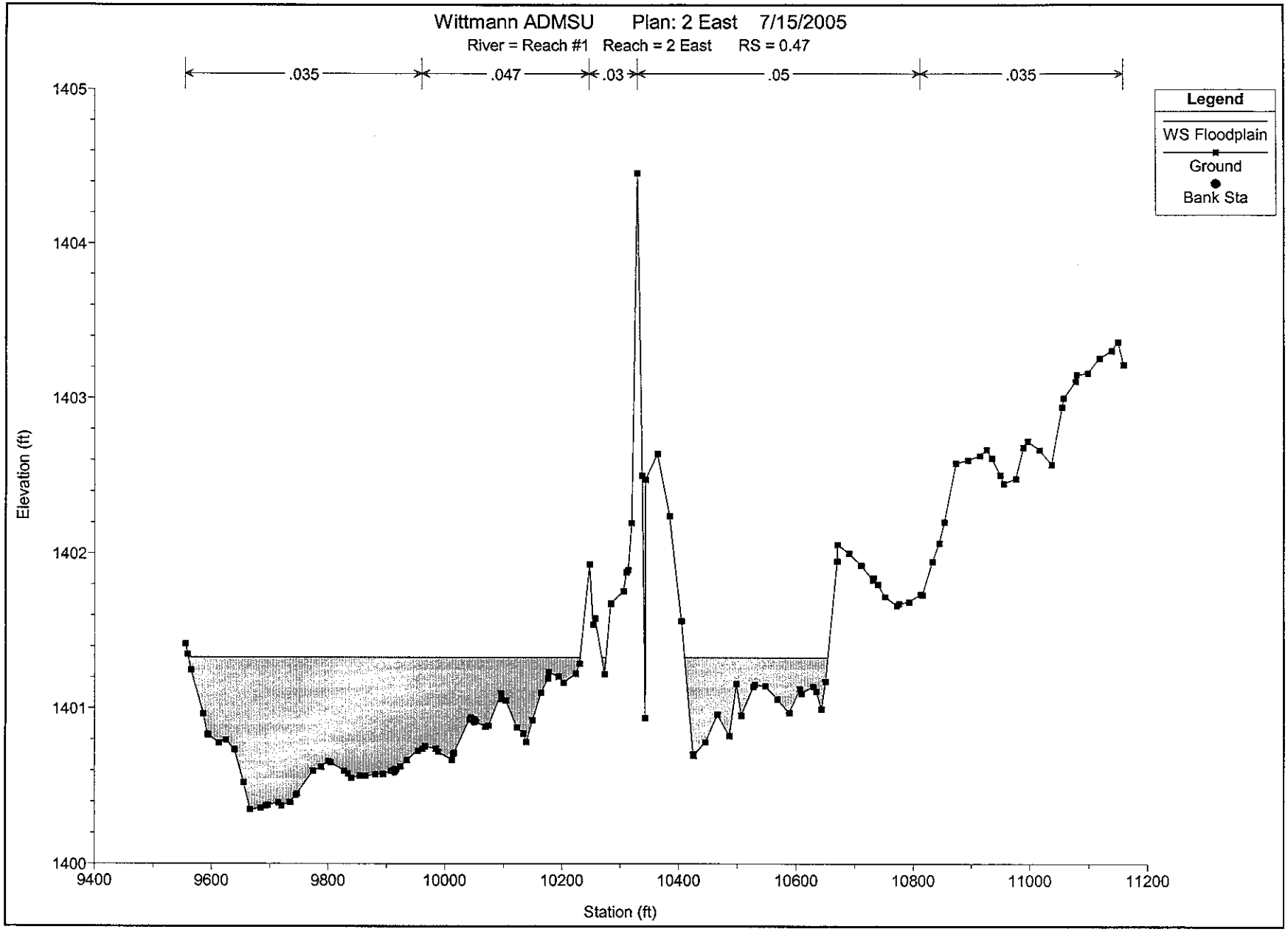
2 EAST-DIKE FAILURE

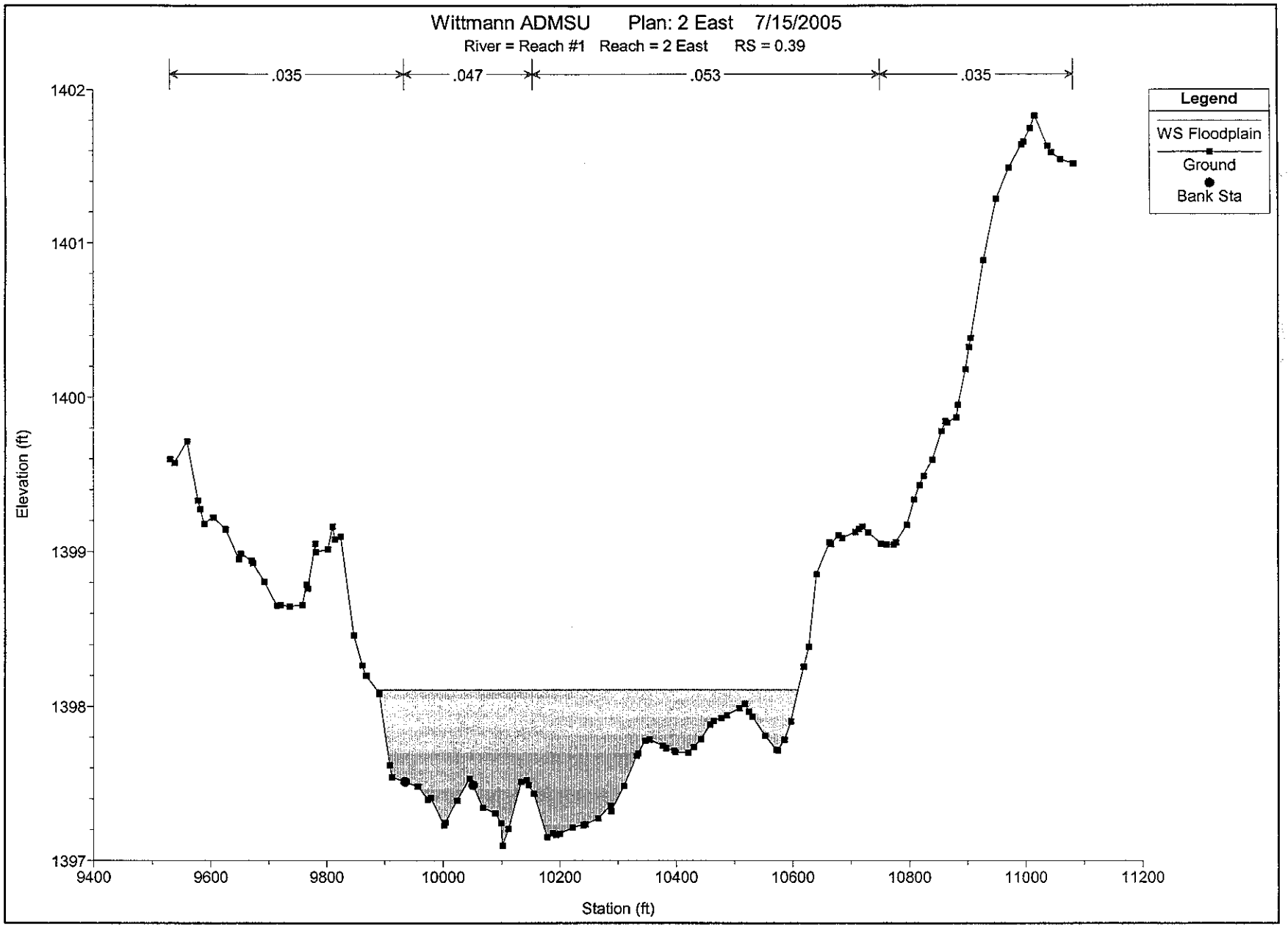

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.703
.046
.05
.046
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1410.5
1410.0
1409.5
1409.0
1408.5
1408.0
1407.5
9400
9600
9800
10000
10200
10400
Station (ft)


Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.66
.046
.05
.046
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1410
1409
1408
1407
1406
1405
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

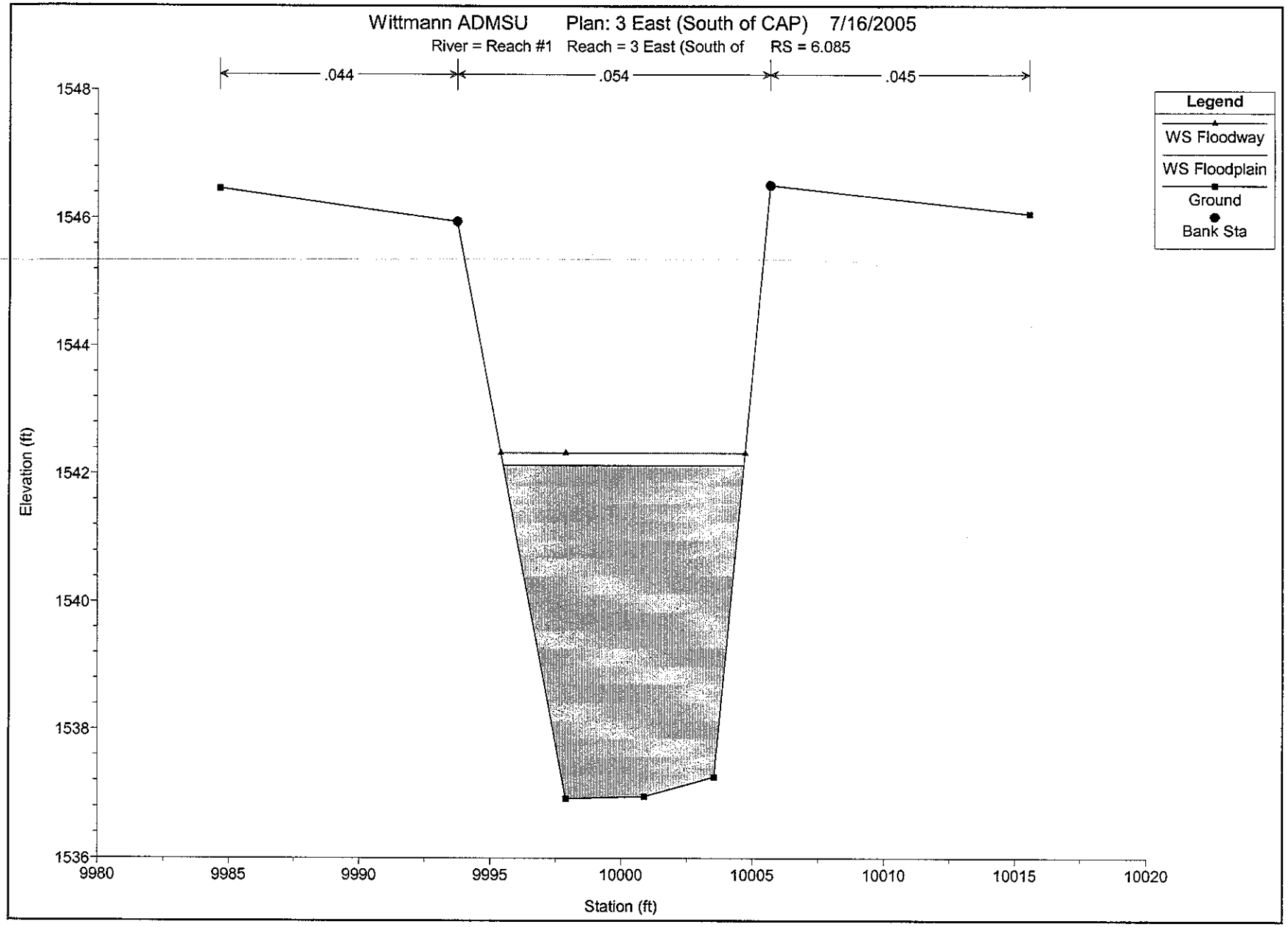

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.61
.046
.05
.046
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1409
1408
1407
1406
1405
1404
1403
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

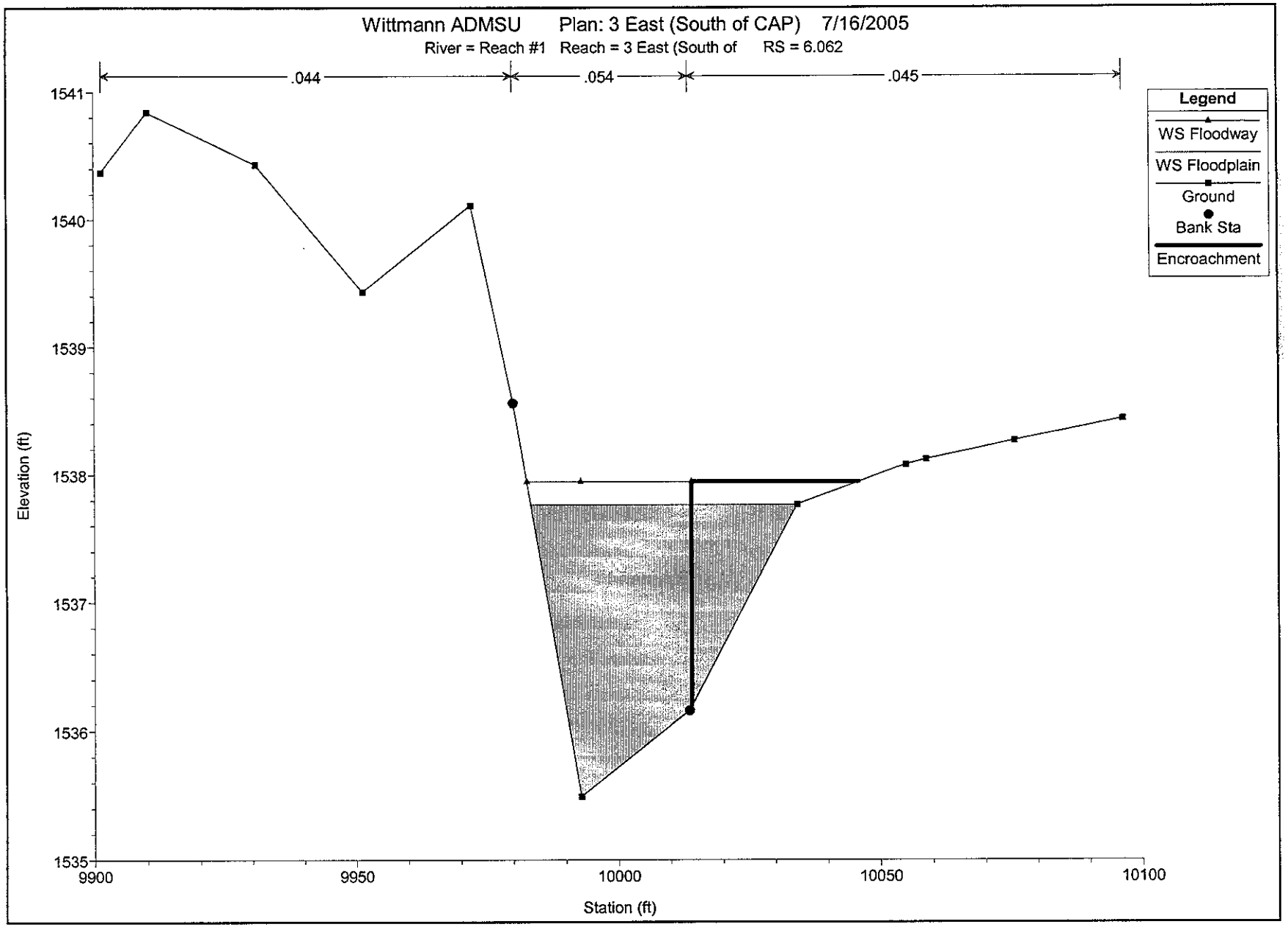

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.56
.046
.05
.046
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1406.5
1406.0
1405.5
1405.0
1404.5
1404.0
1403.5
1403.0
1402.5
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

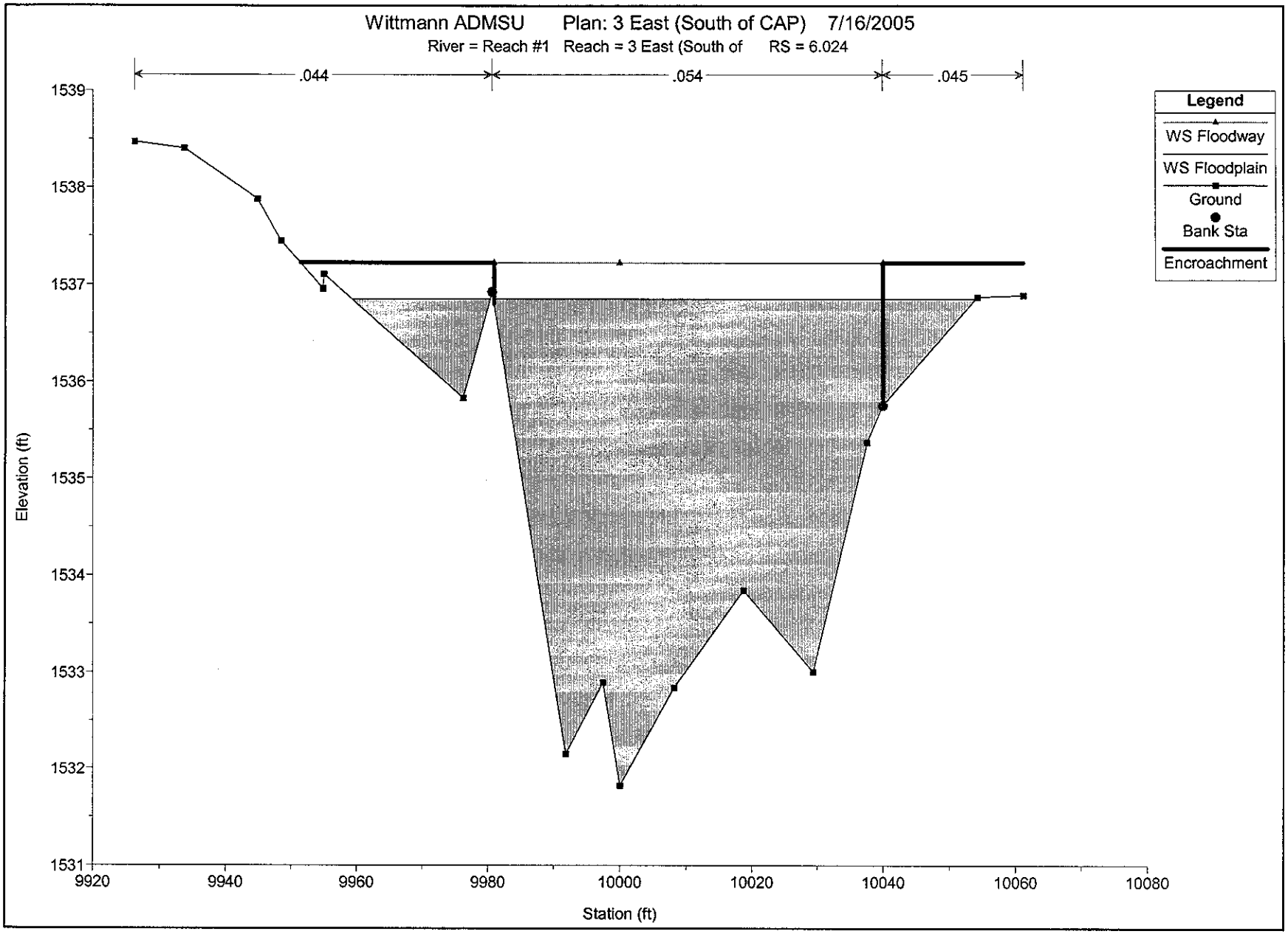

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.47
.035
.047
.03
.05
.035
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1405
1404
1403
1402
1401
1400
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

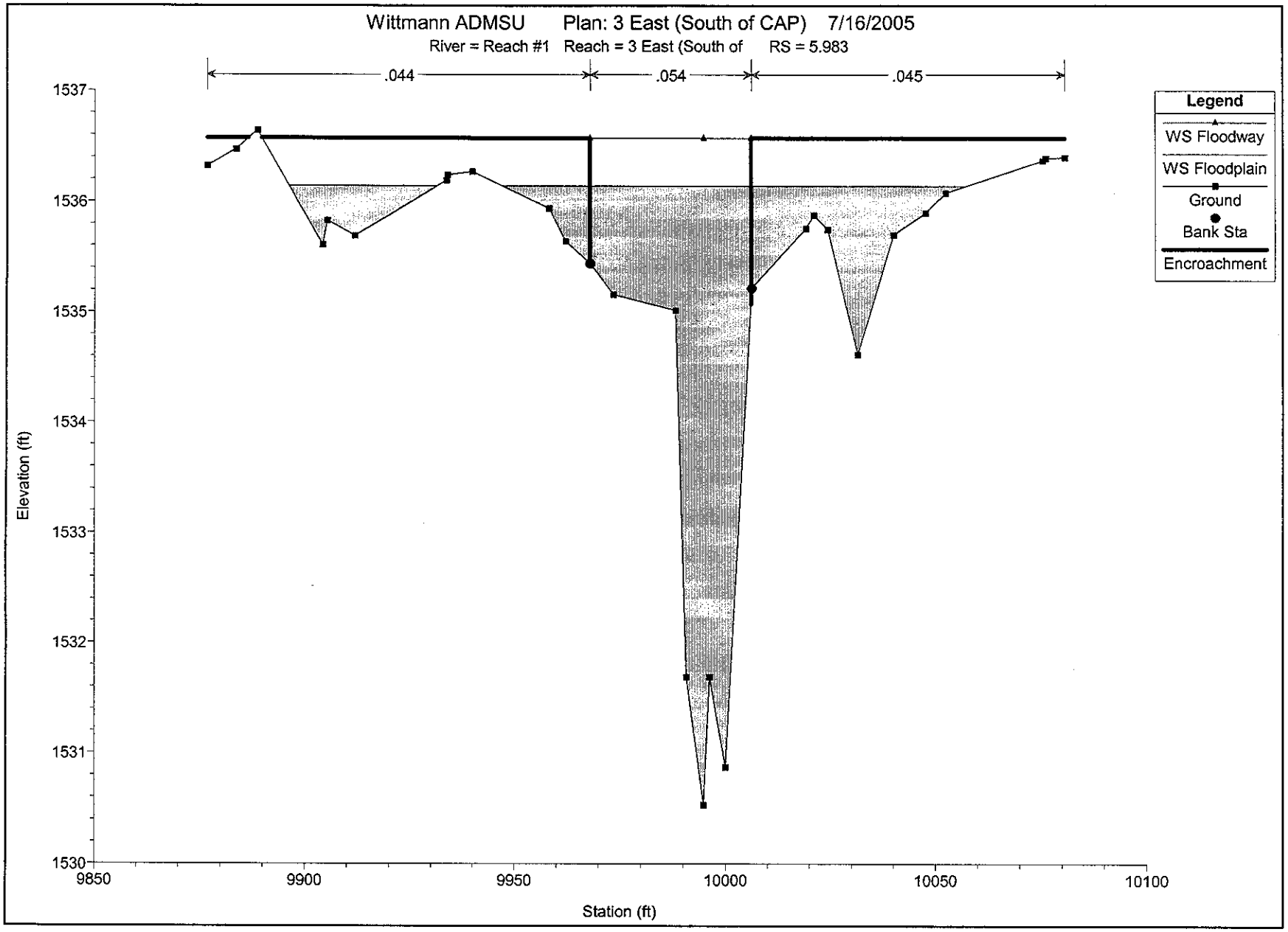

Wittmann ADMSU Plan: 2 East 7/15/2005
River = Reach #1 Reach = 2 East RS = 0.39
.035
.047
.053
.035
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1402
1401
1400
1399
1398
1397
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

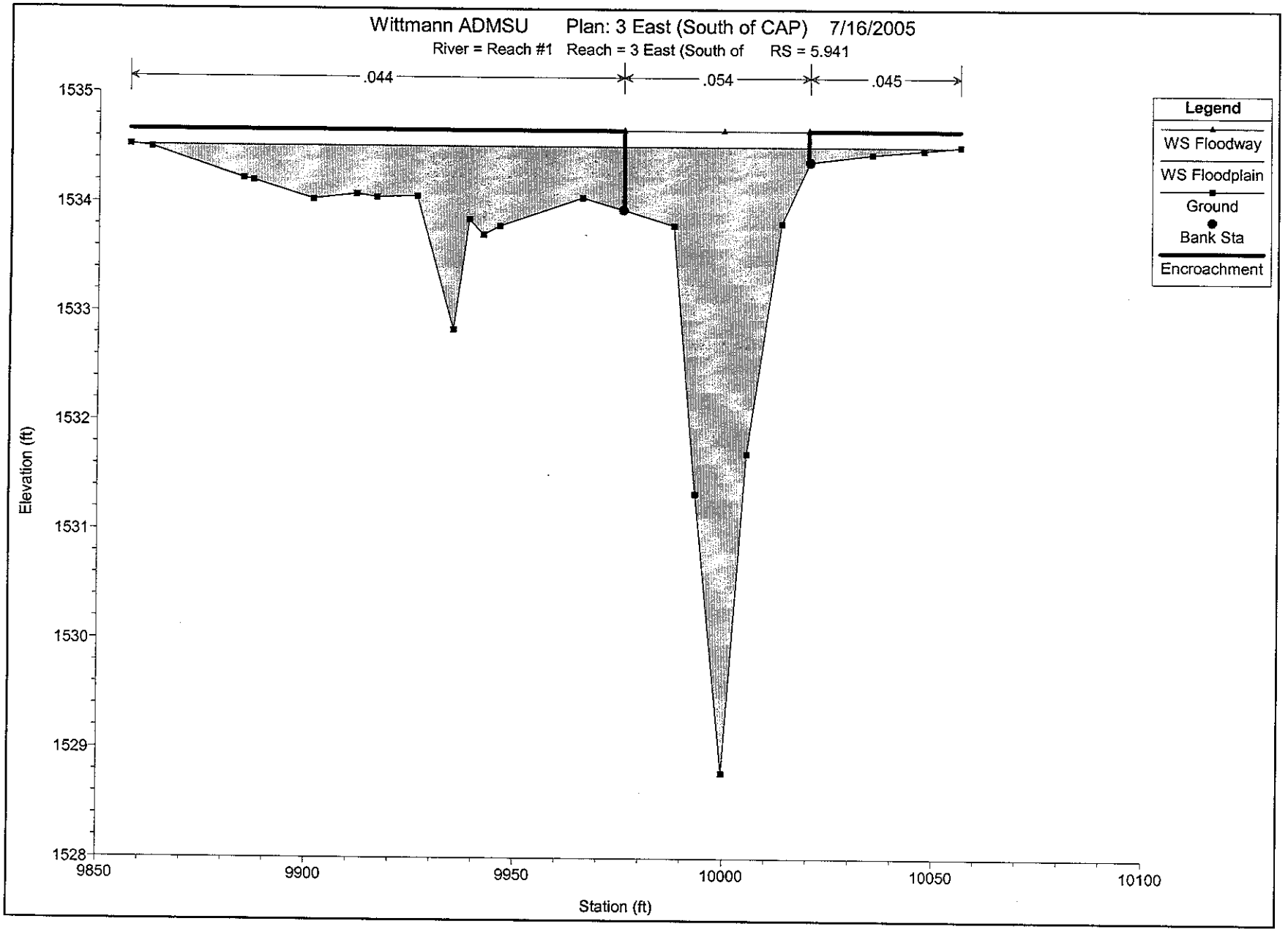
3 EAST

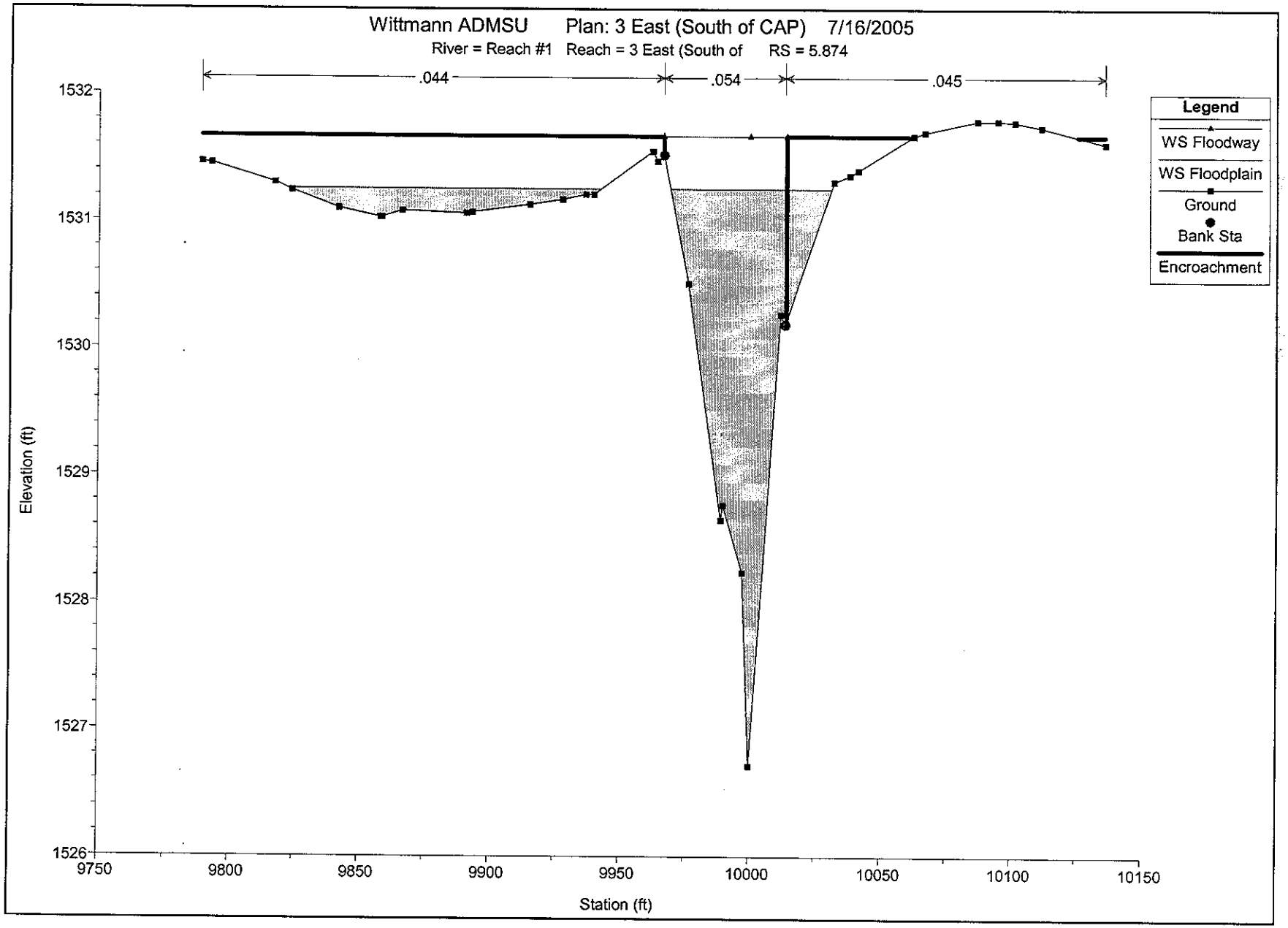

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 6.085
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1548
1546
1544
1542
1540
1538
1536
9980
9985
9990
9995
10000
10005
10010
10015
10020
Station (ft)

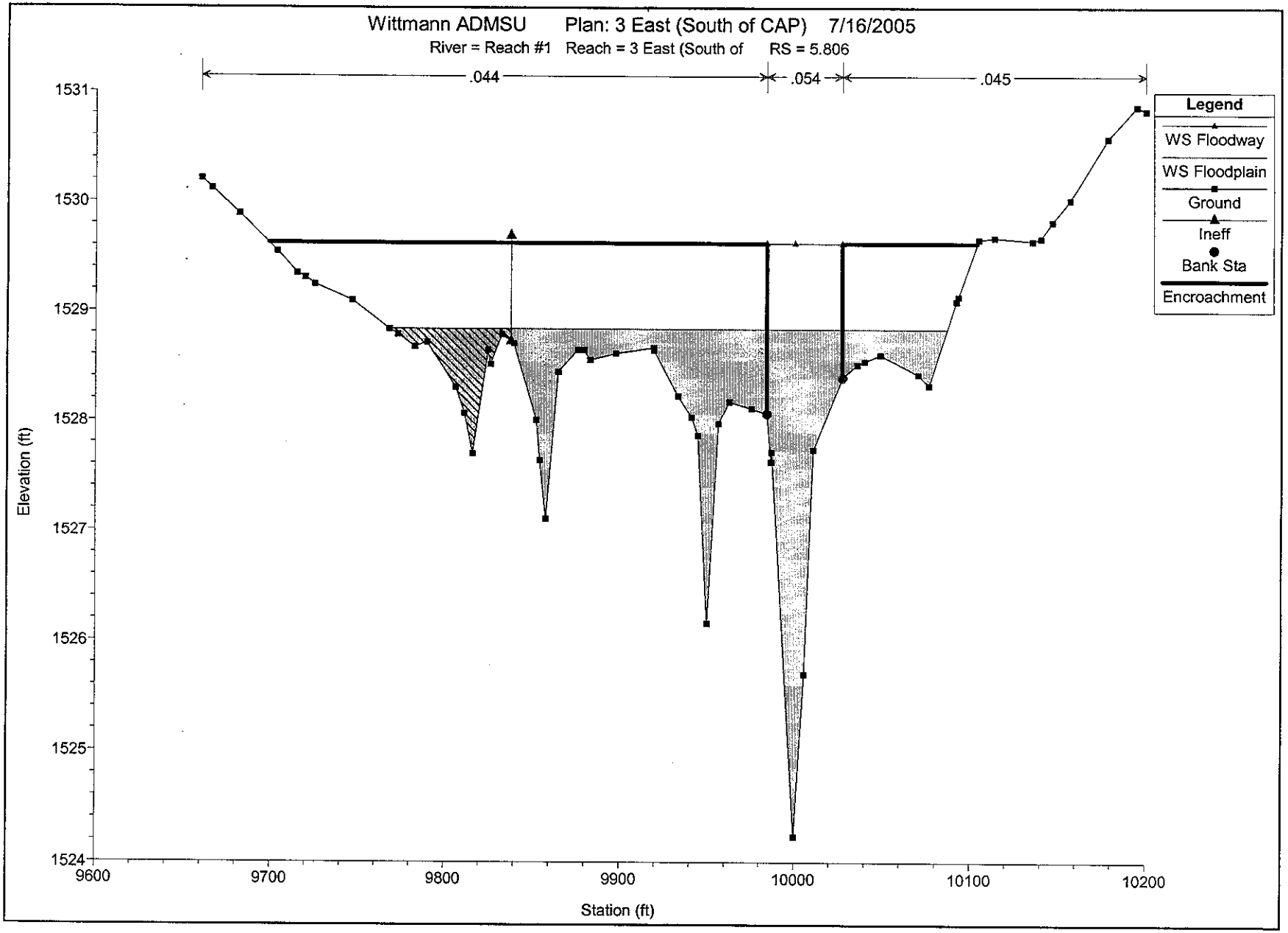

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 6.062
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1541
1540
1539
1538
1537
1536
1535
9900
9950
10000
10050
10100
Station (ft)

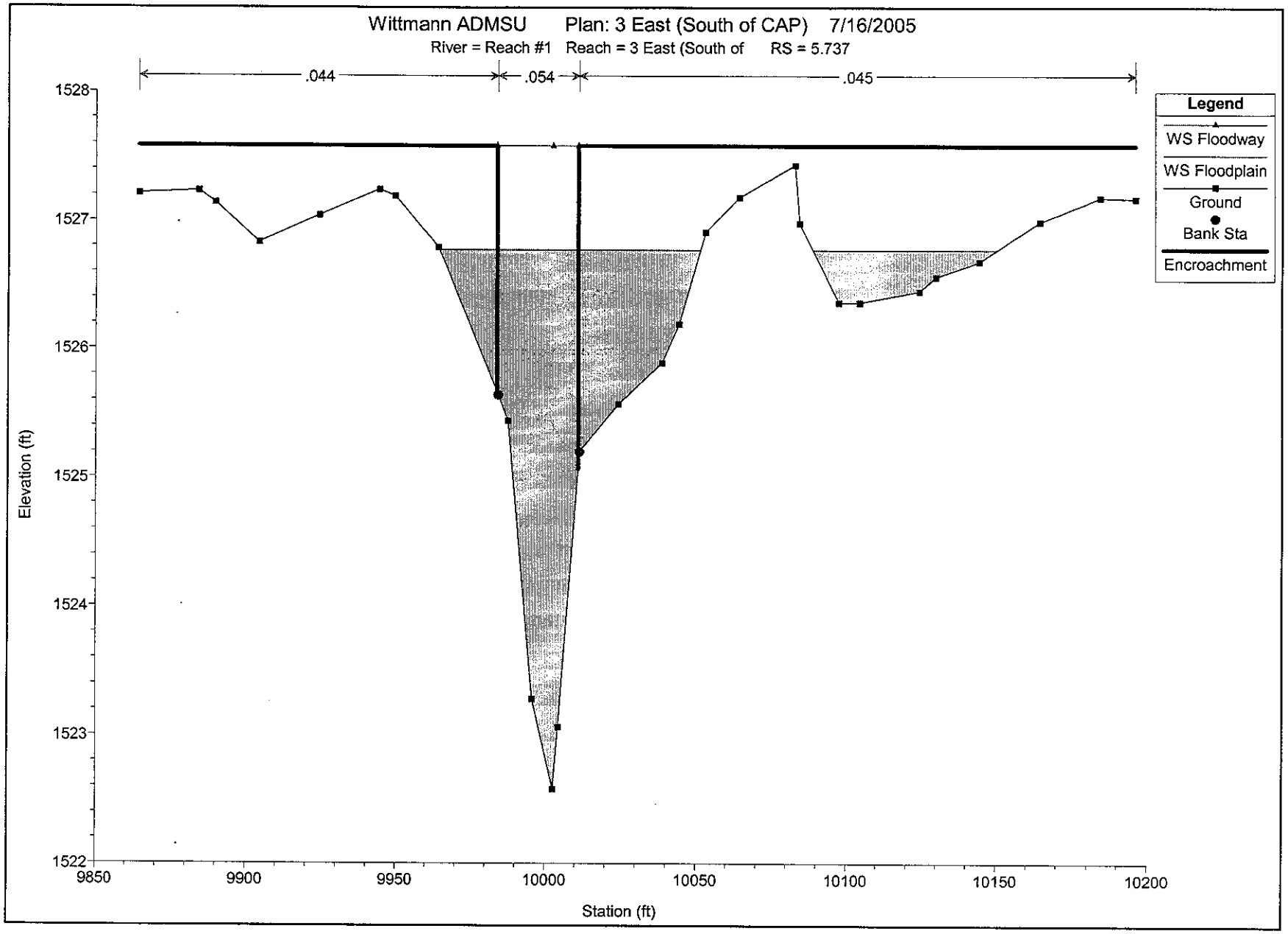

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 6.024
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1539
1538
1537
1536
1535
1534
1533
1532
1531
9920
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

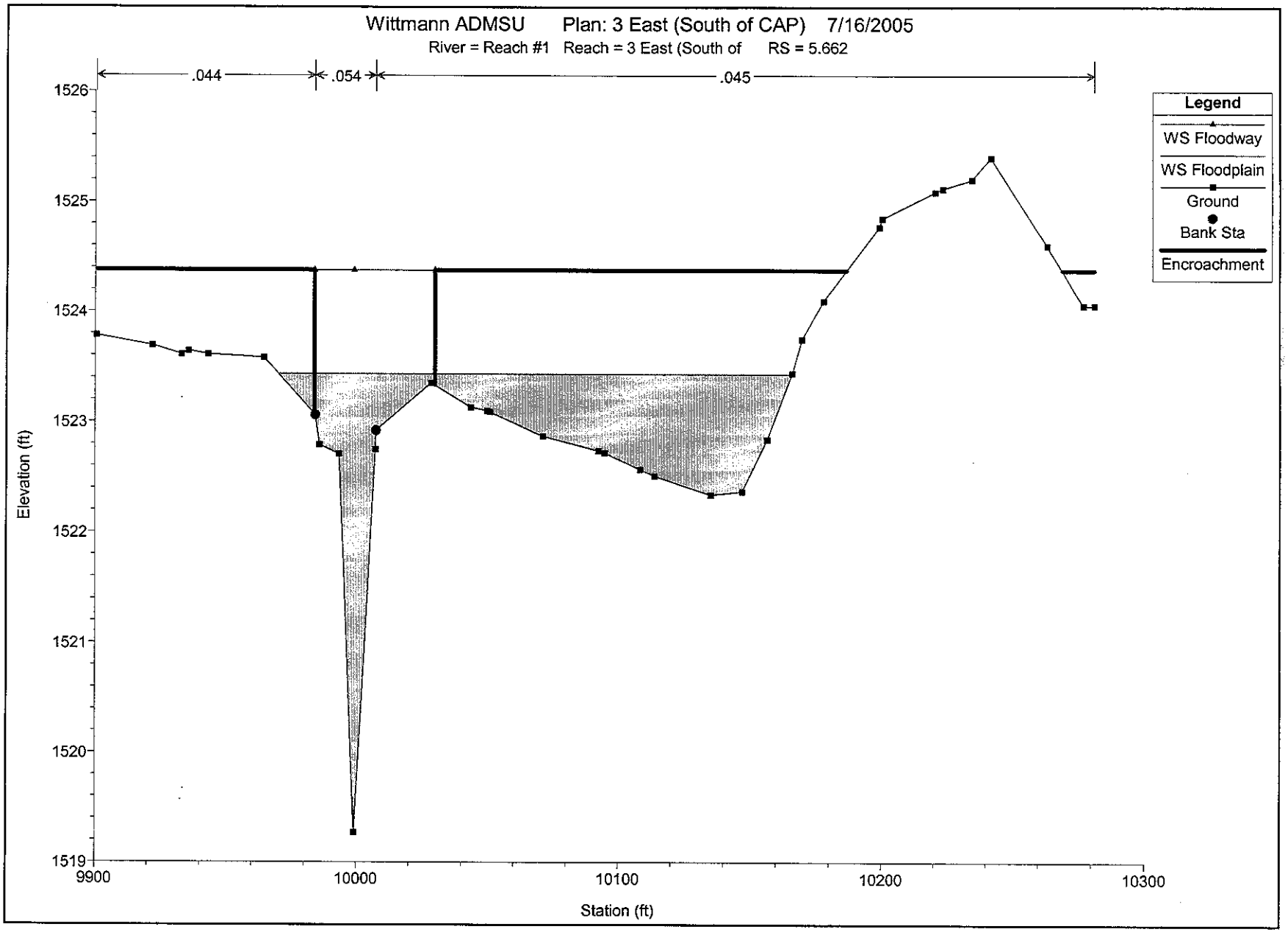

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.983
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1537
1536
1535
1534
1533
1532
1531
1530
9850
9900
9950
10000
10050
10100
Station (ft)

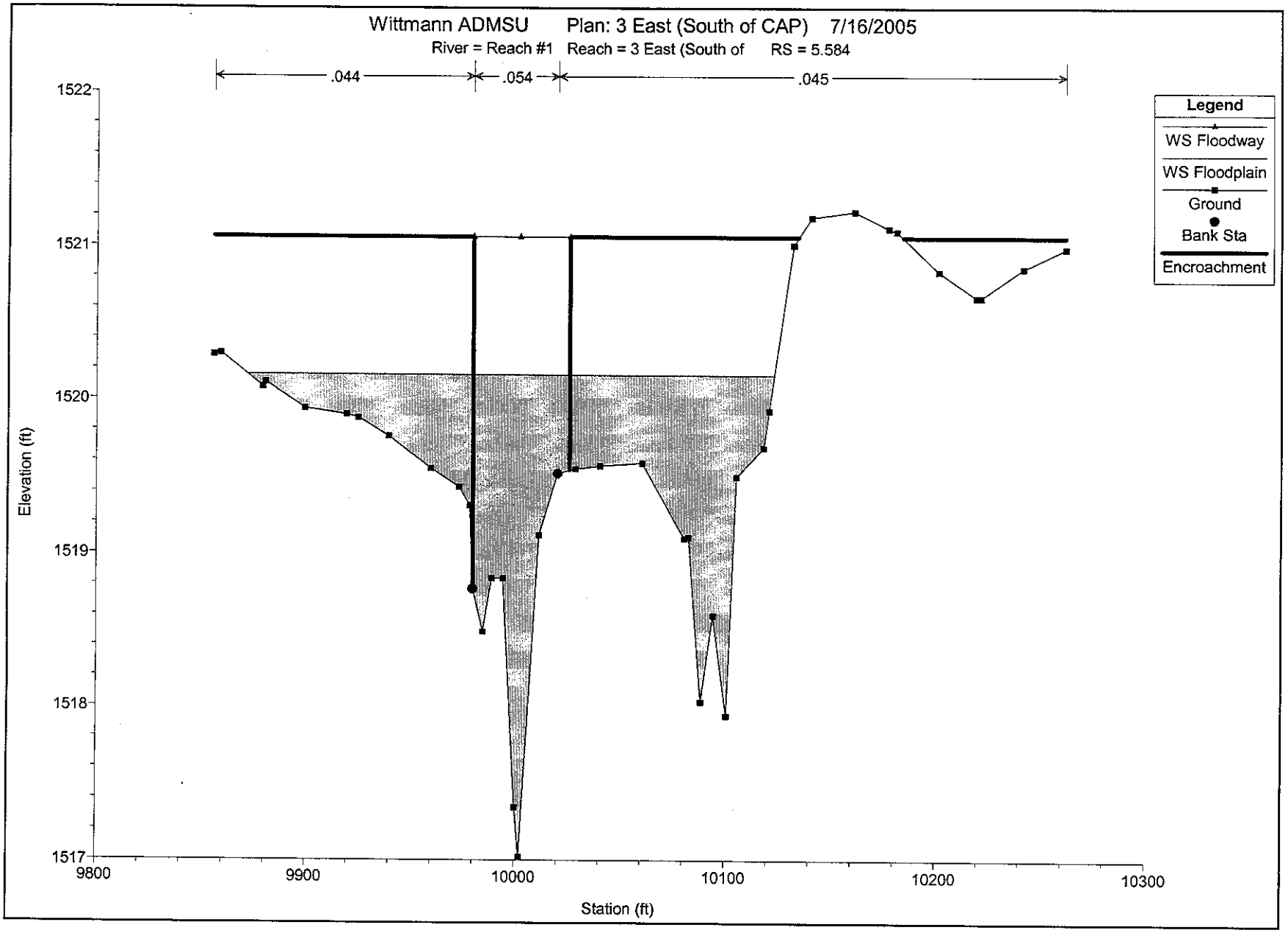

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.941
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1535
1534
1533
1532
1531
1530
1529
1528
9850
9900
9950
10000
10050
10100
Station (ft)

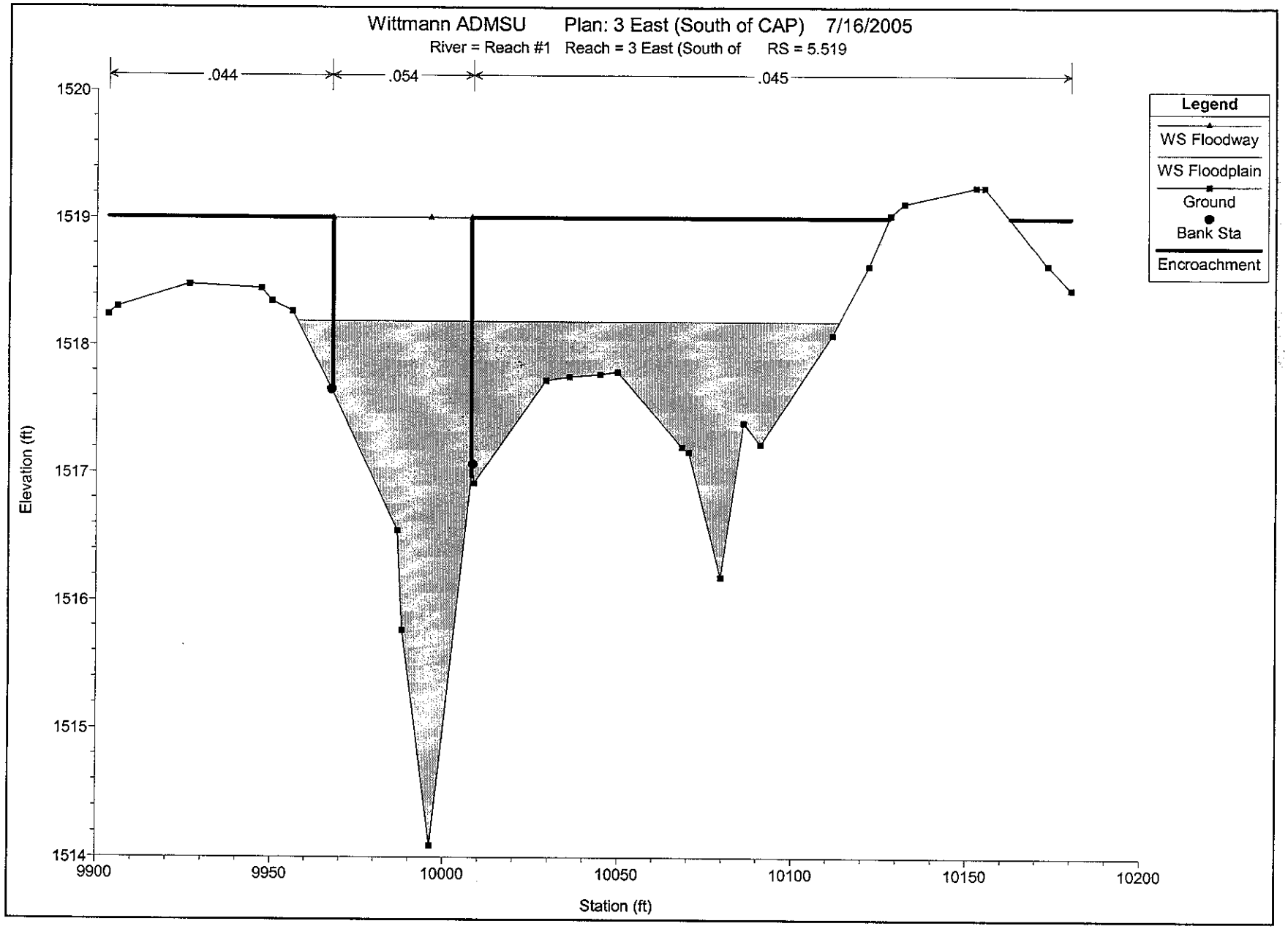

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.874
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1532
1531
1530
1529
1528
1527
1526
9750
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

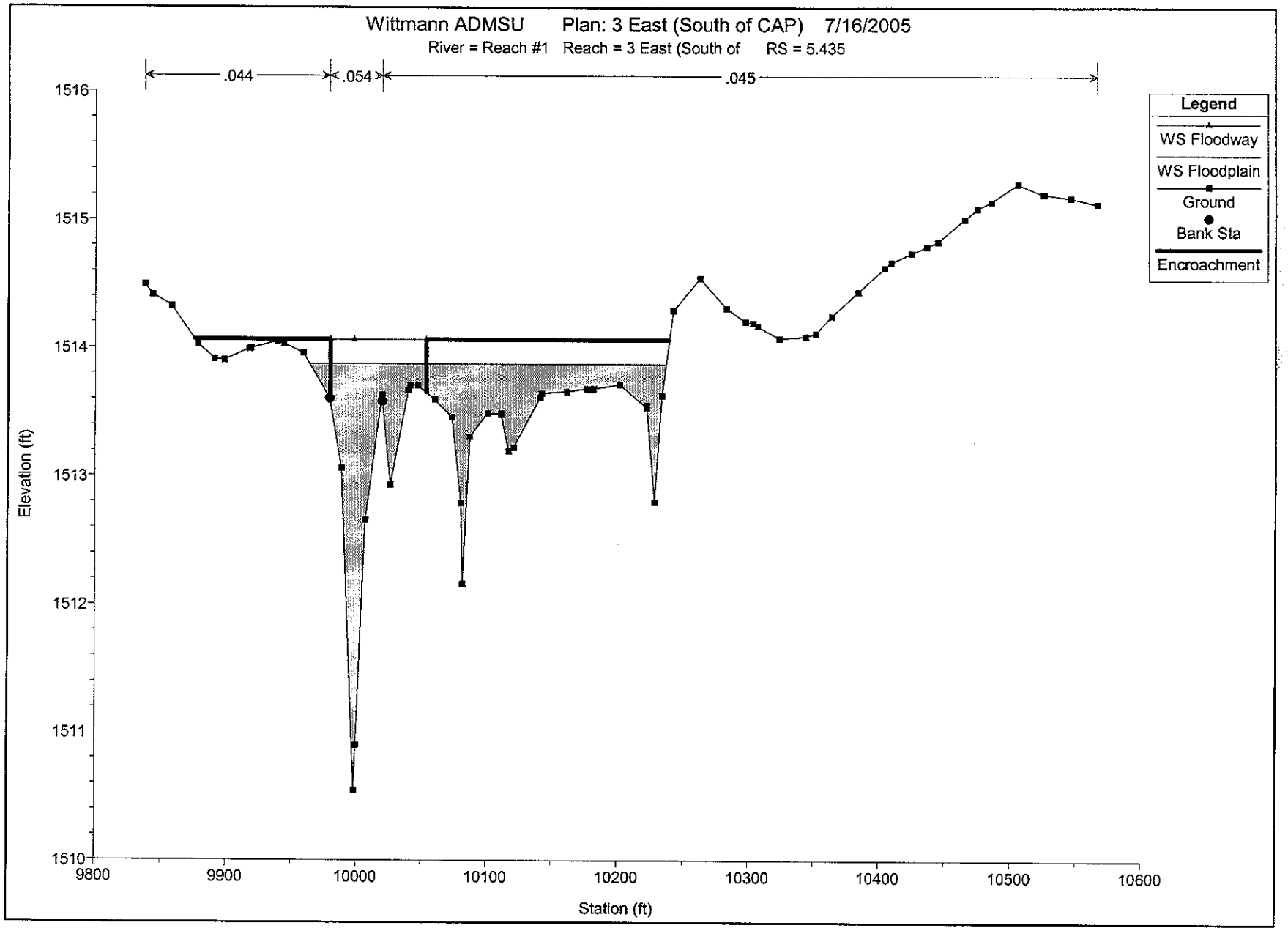

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.806
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1531
1530
1529
1528
1527
1526
1525
1524
9600
9700
9800
9900
10000
10100
10200
Station (ft)

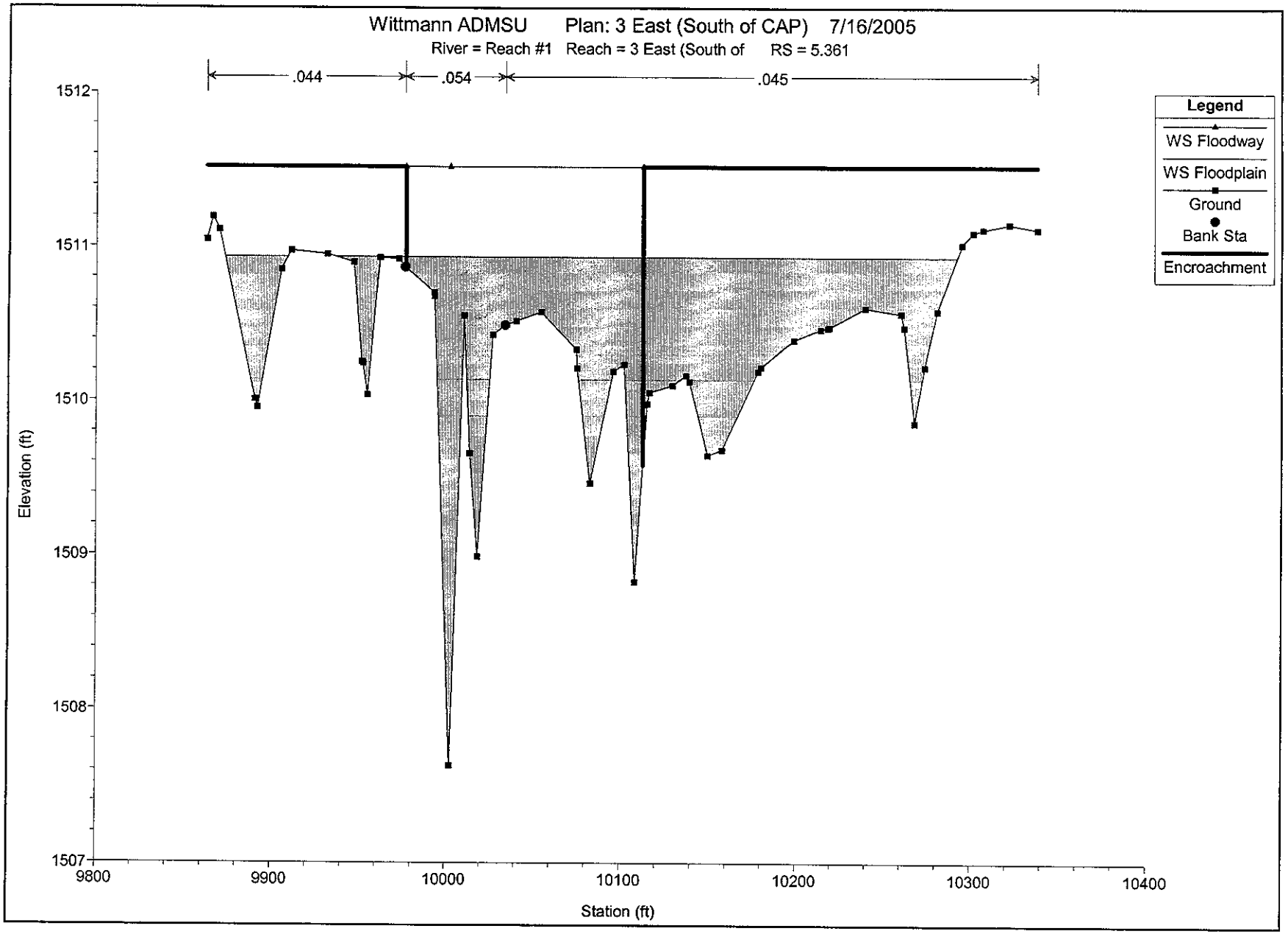

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.737
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1528
1527
1526
1525
1524
1523
1522
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

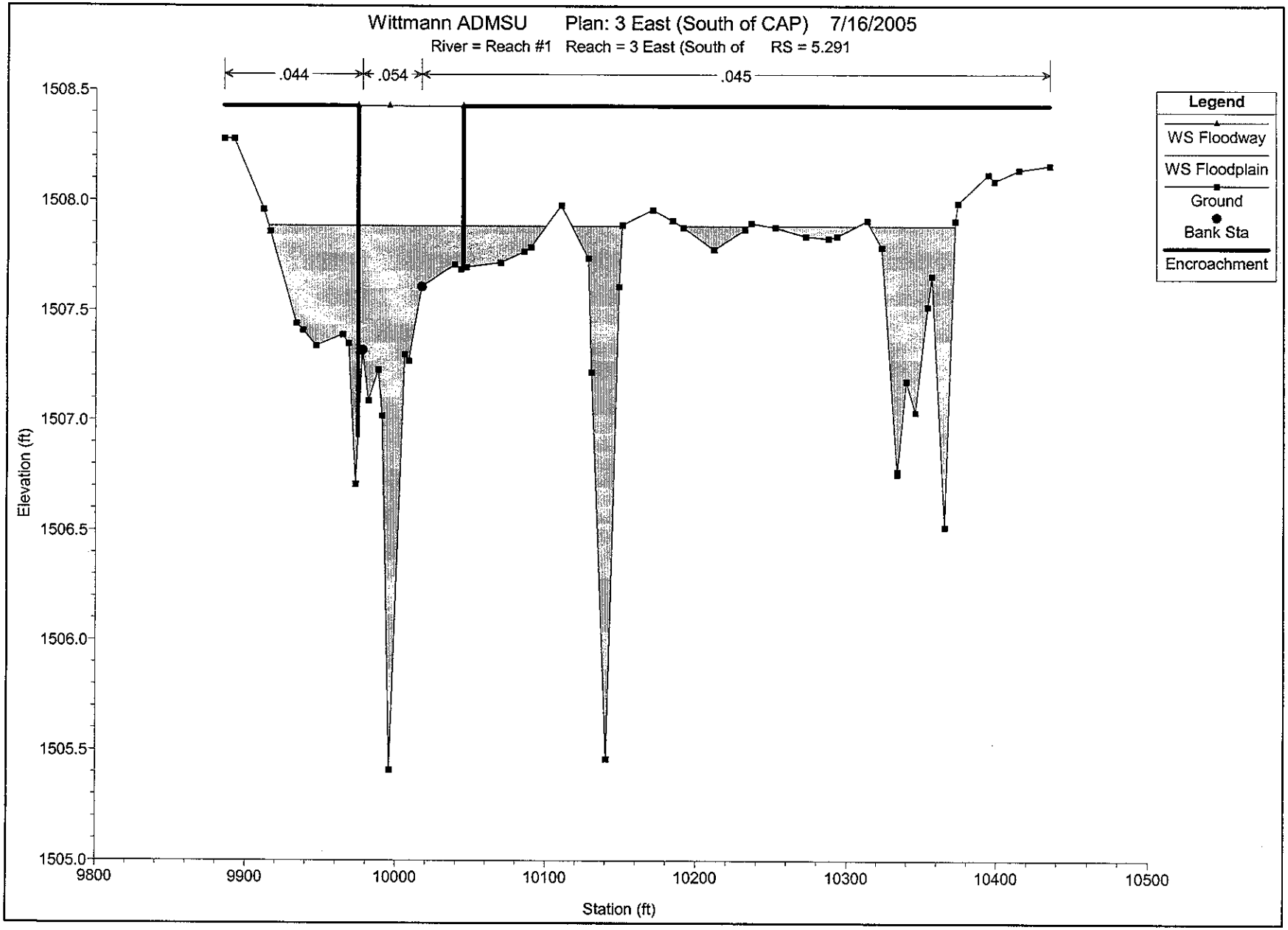

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.662
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1526
1525
1524
1523
1522
1521
1520
1519
9900
10000
10100
10200
10300
Station (ft)

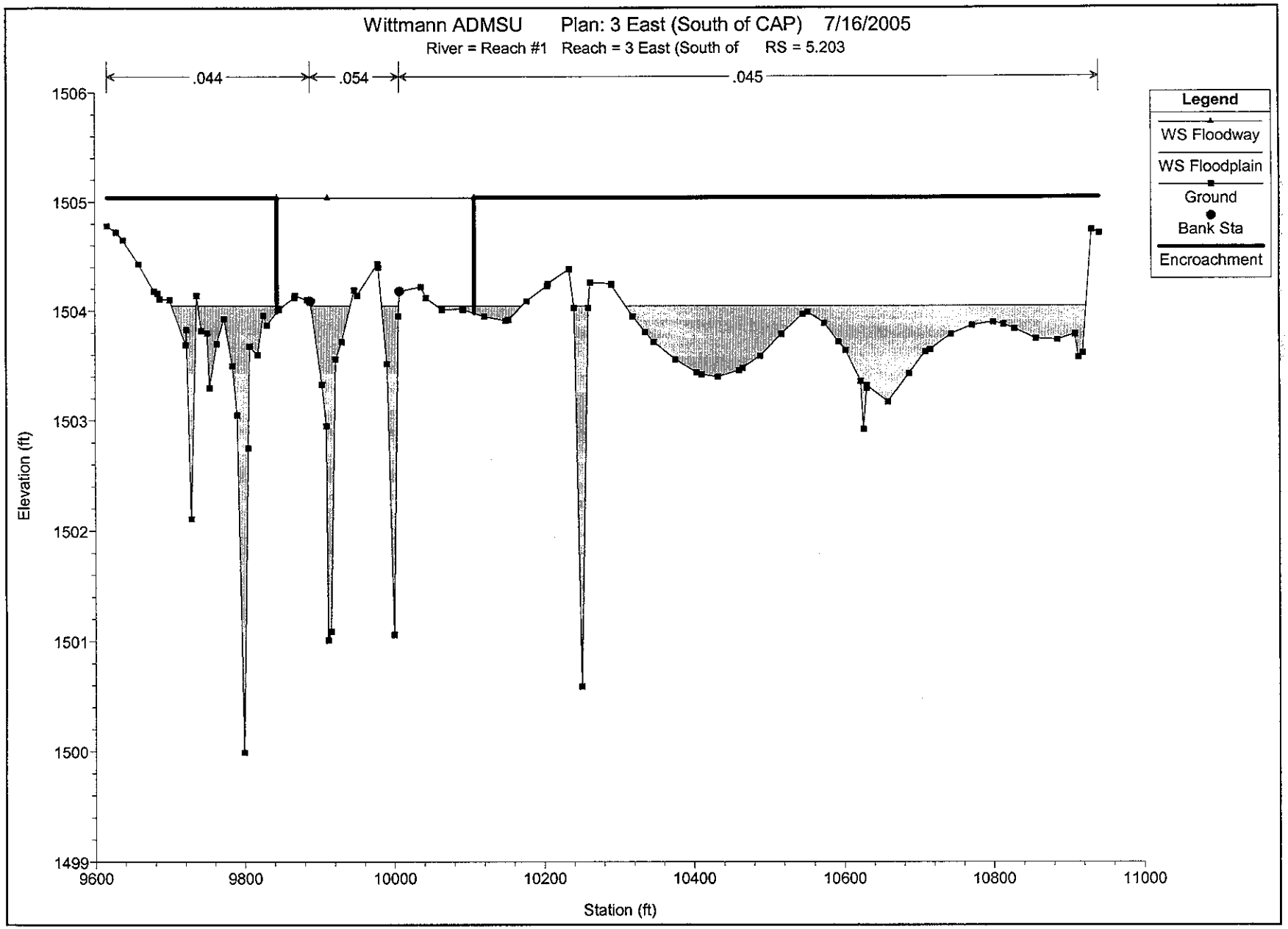

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.584
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1522
1521
1520
1519
1518
1517
9800
9900
10000
10100
10200
10300
Station (ft)

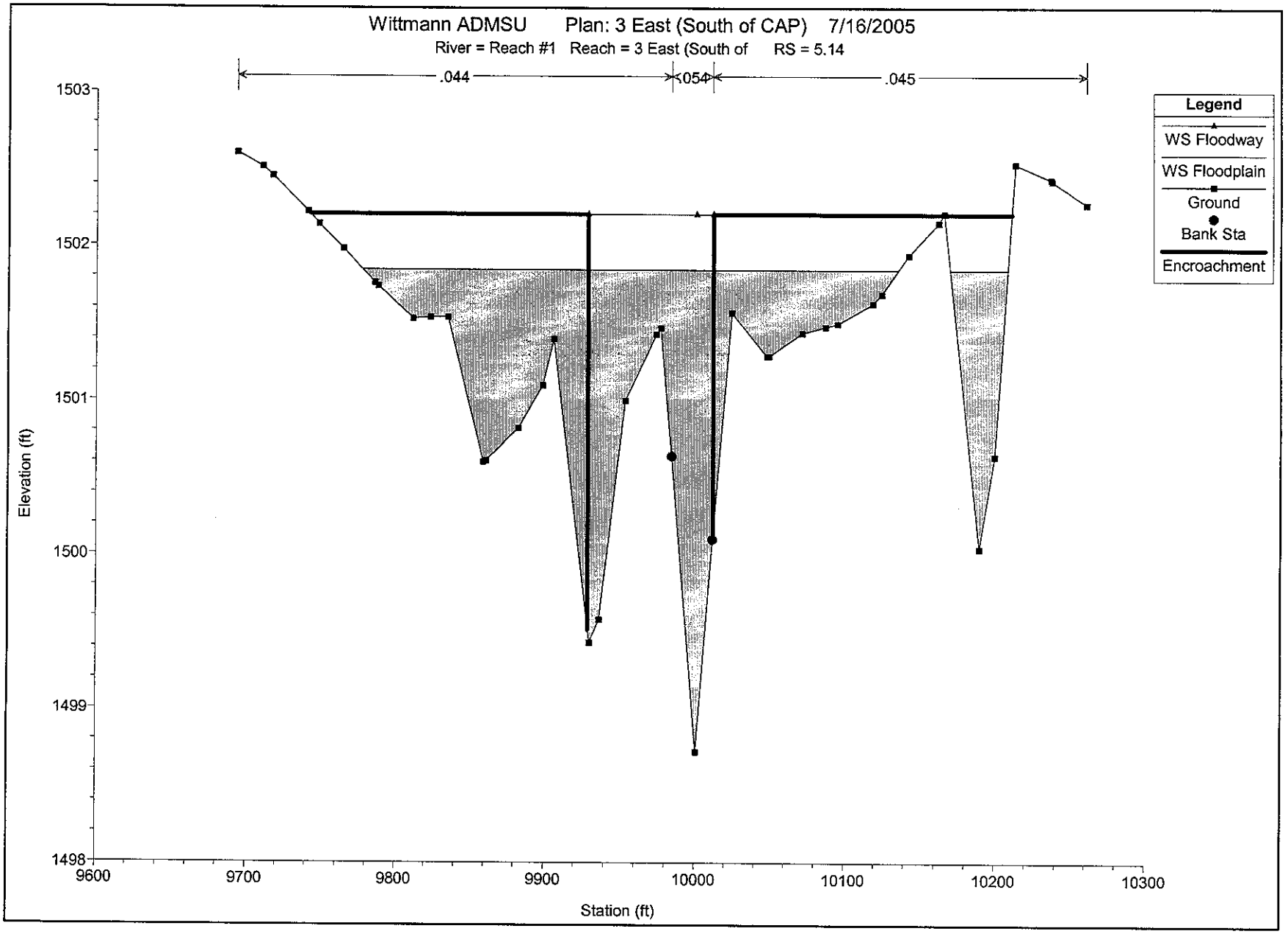

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.519
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1520
1519
1518
1517
1516
1515
1514
9900
9950
10000
10050
10100
10150
10200
Station (ft)

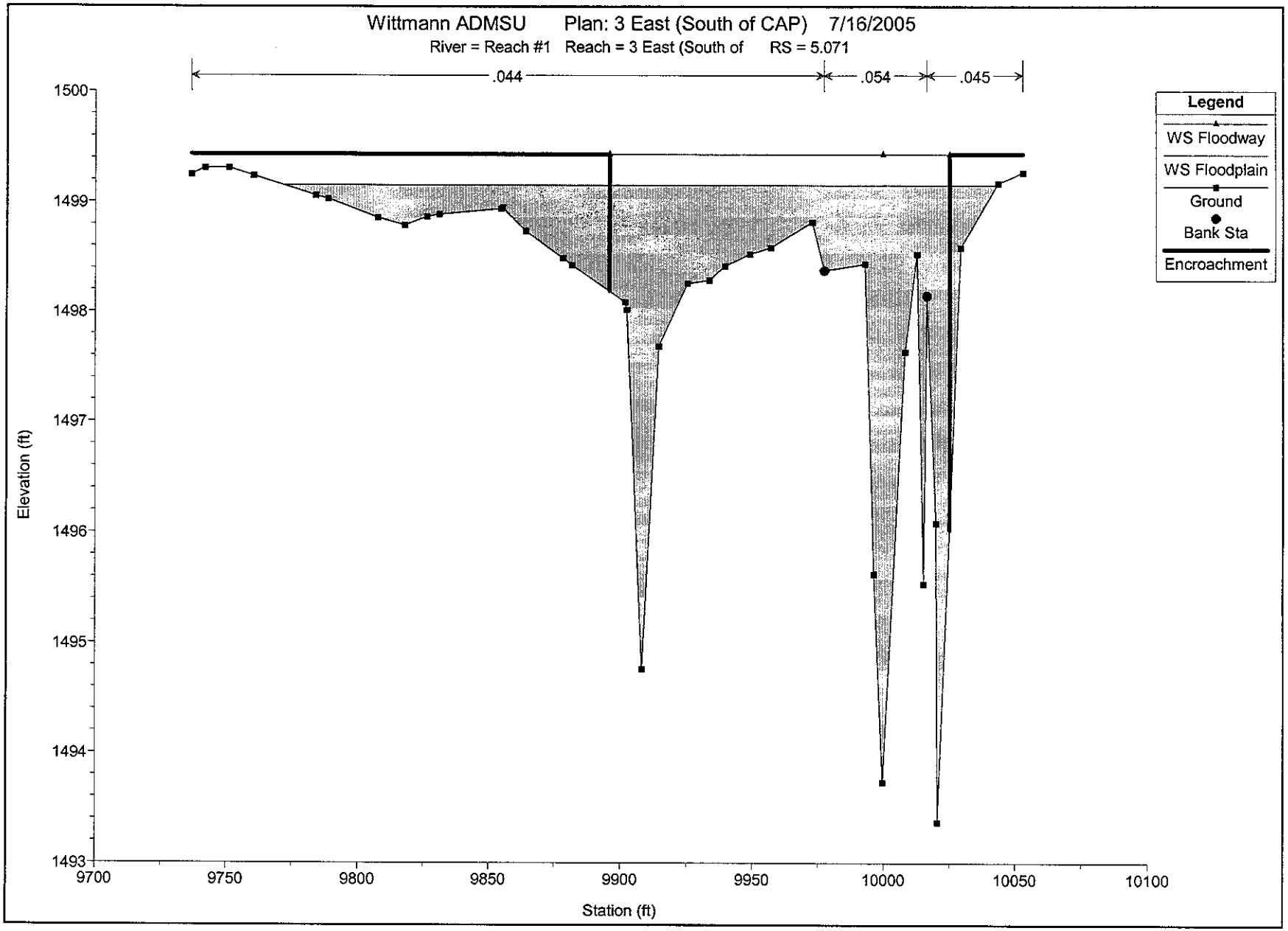

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.435
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1516
1515
1514
1513
1512
1511
1510
9800
9900
10000
10100
10200
10300
10400
10500
10600
Station (ft)

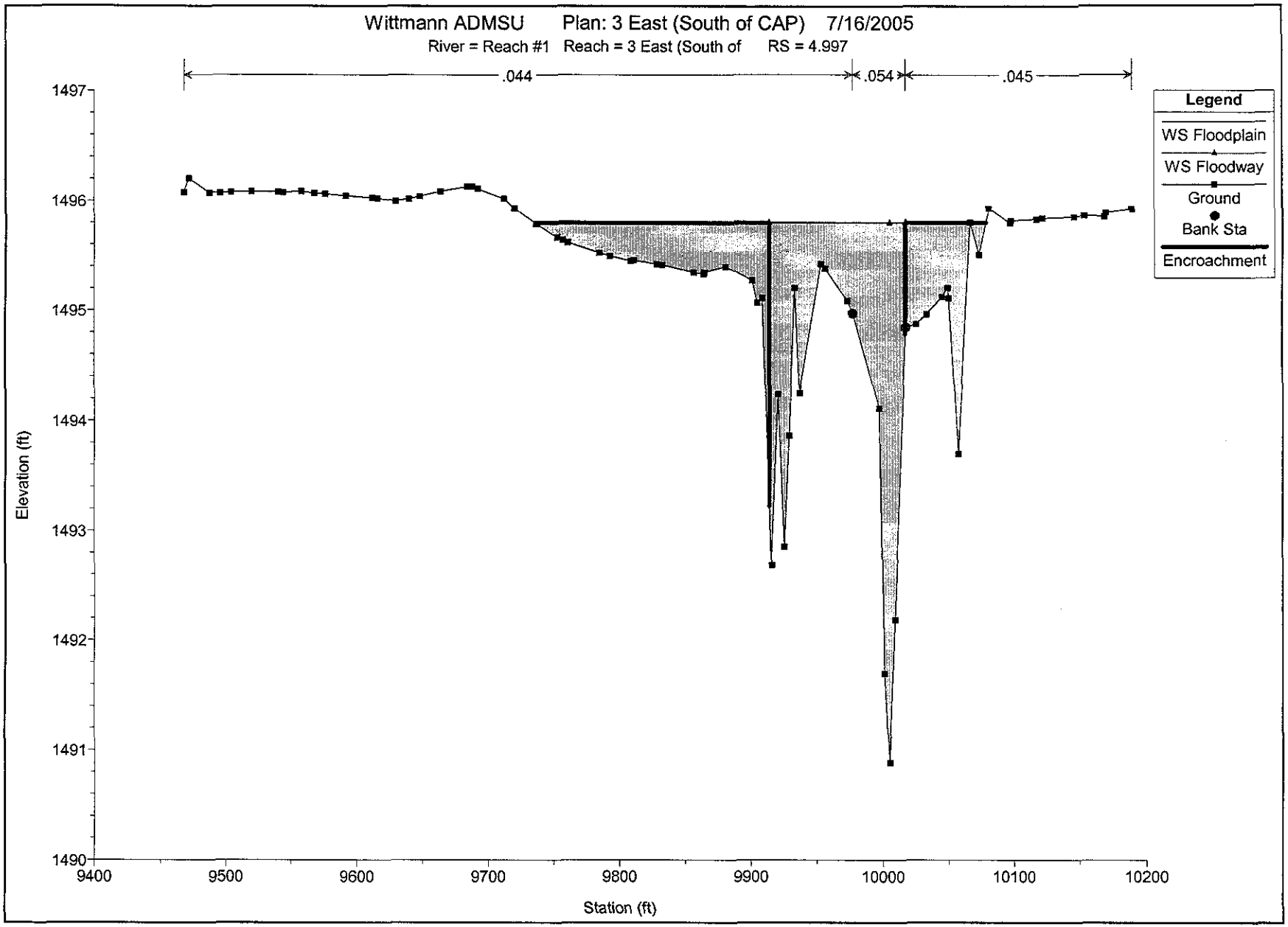

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.361
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1512
1511
1510
1509
1508
1507
9800
9900
10000
10100
10200
10300
10400
Station (ft)

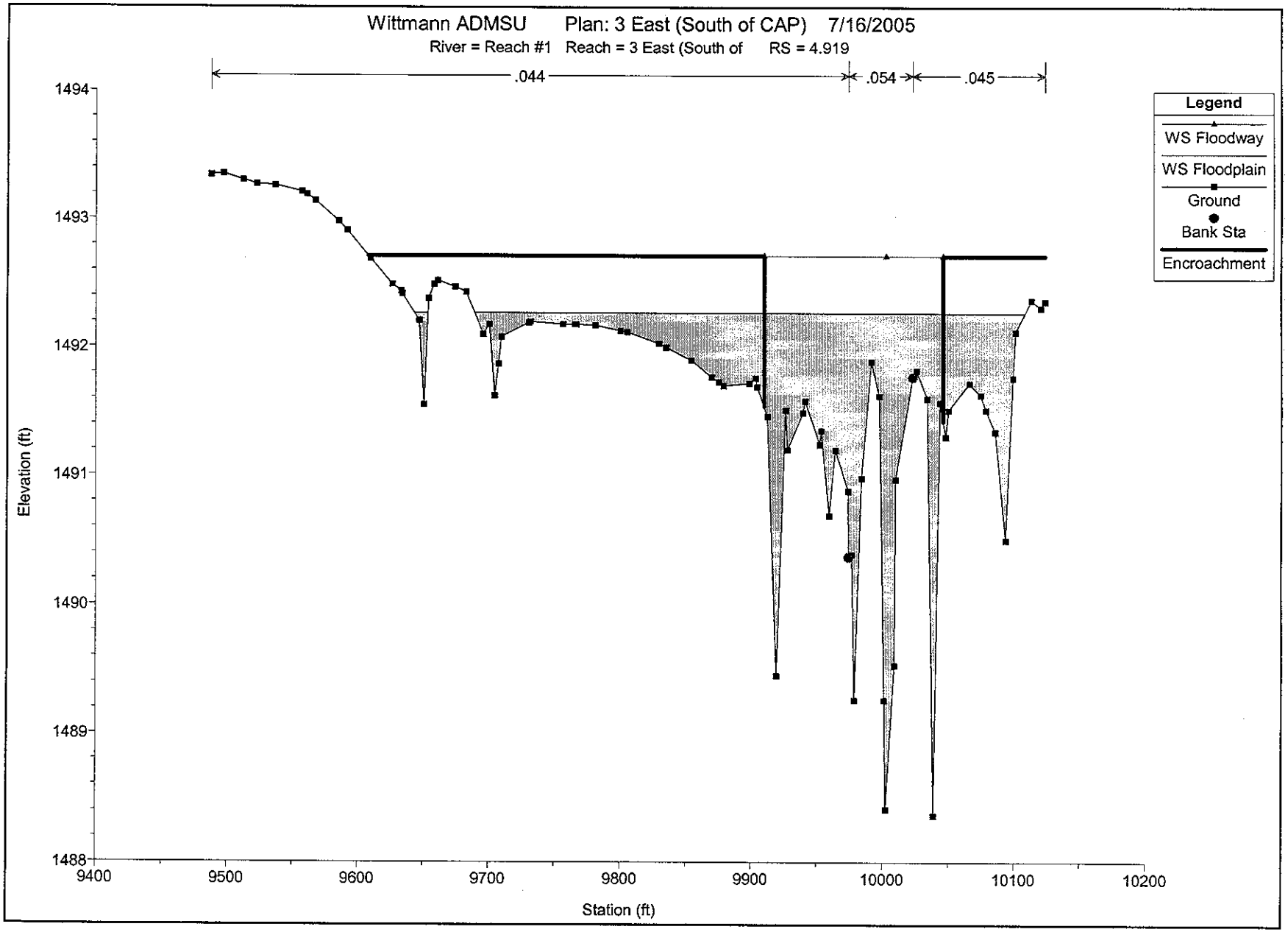

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.291
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1508.5
1508.0
1507.5
1507.0
1506.5
1506.0
1505.5
1505.0
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

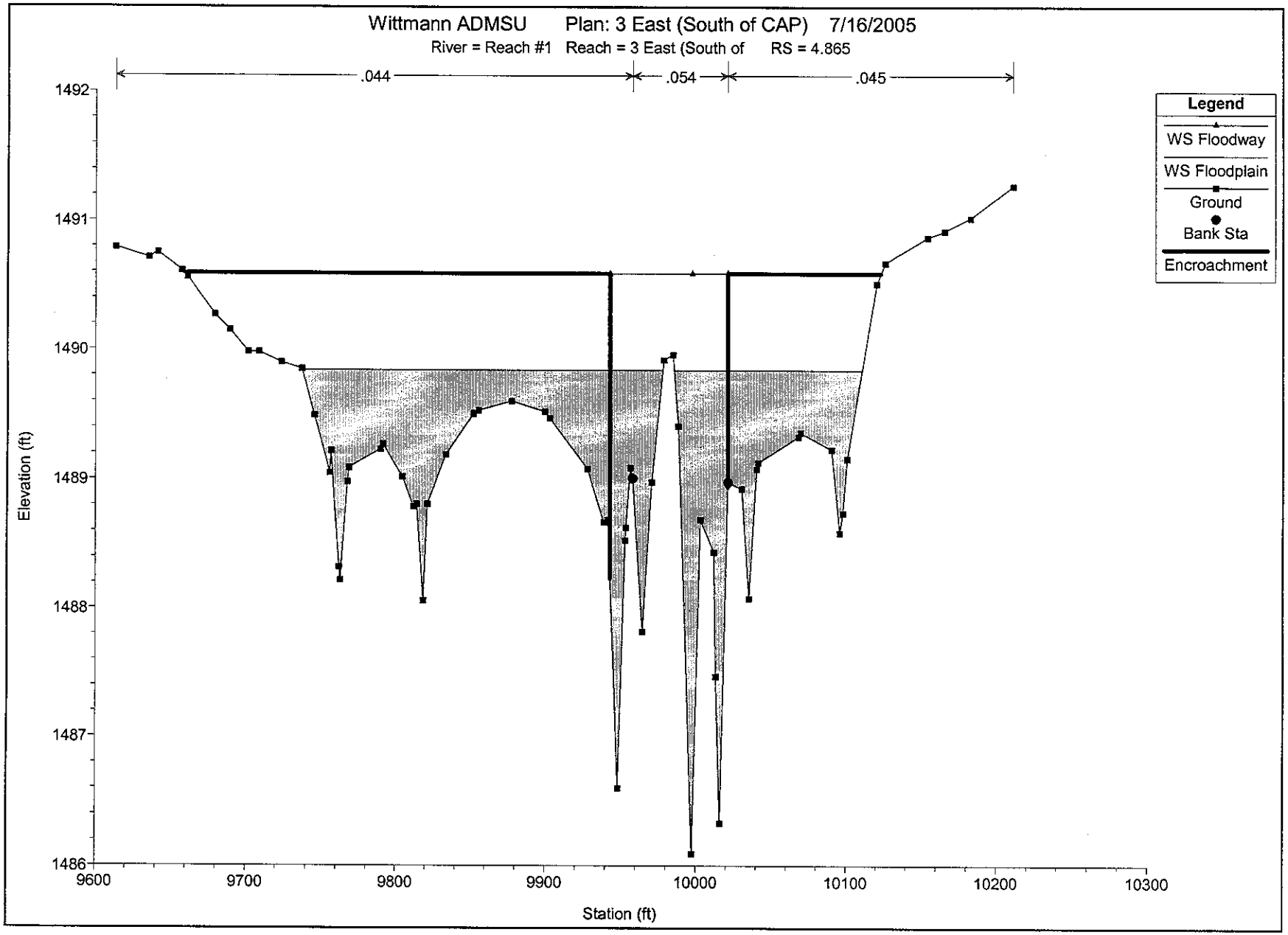

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.203
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1506
1505
1504
1503
1502
1501
1500
1499
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

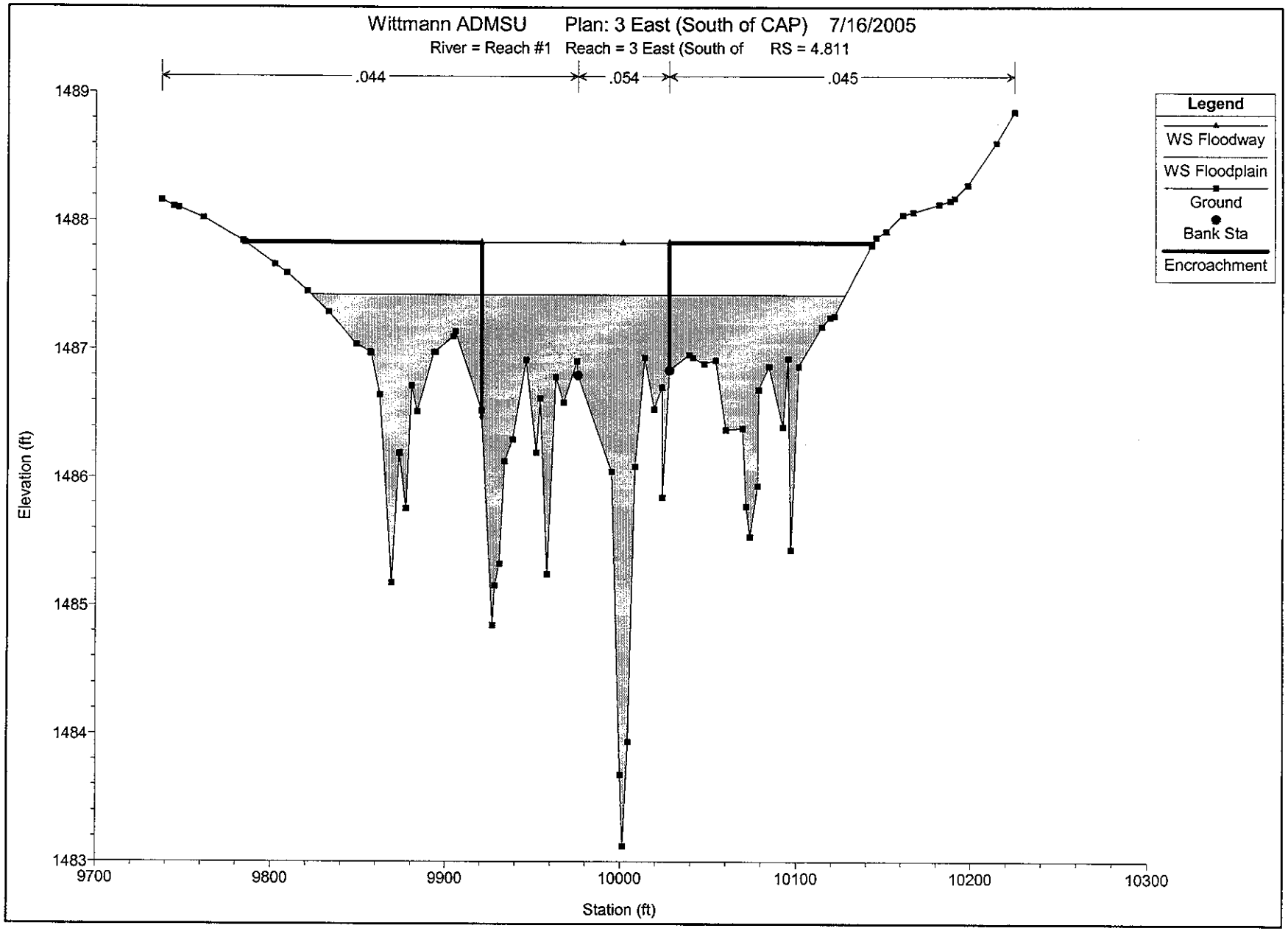

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.14
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1503
1502
1501
1500
1499
1498
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

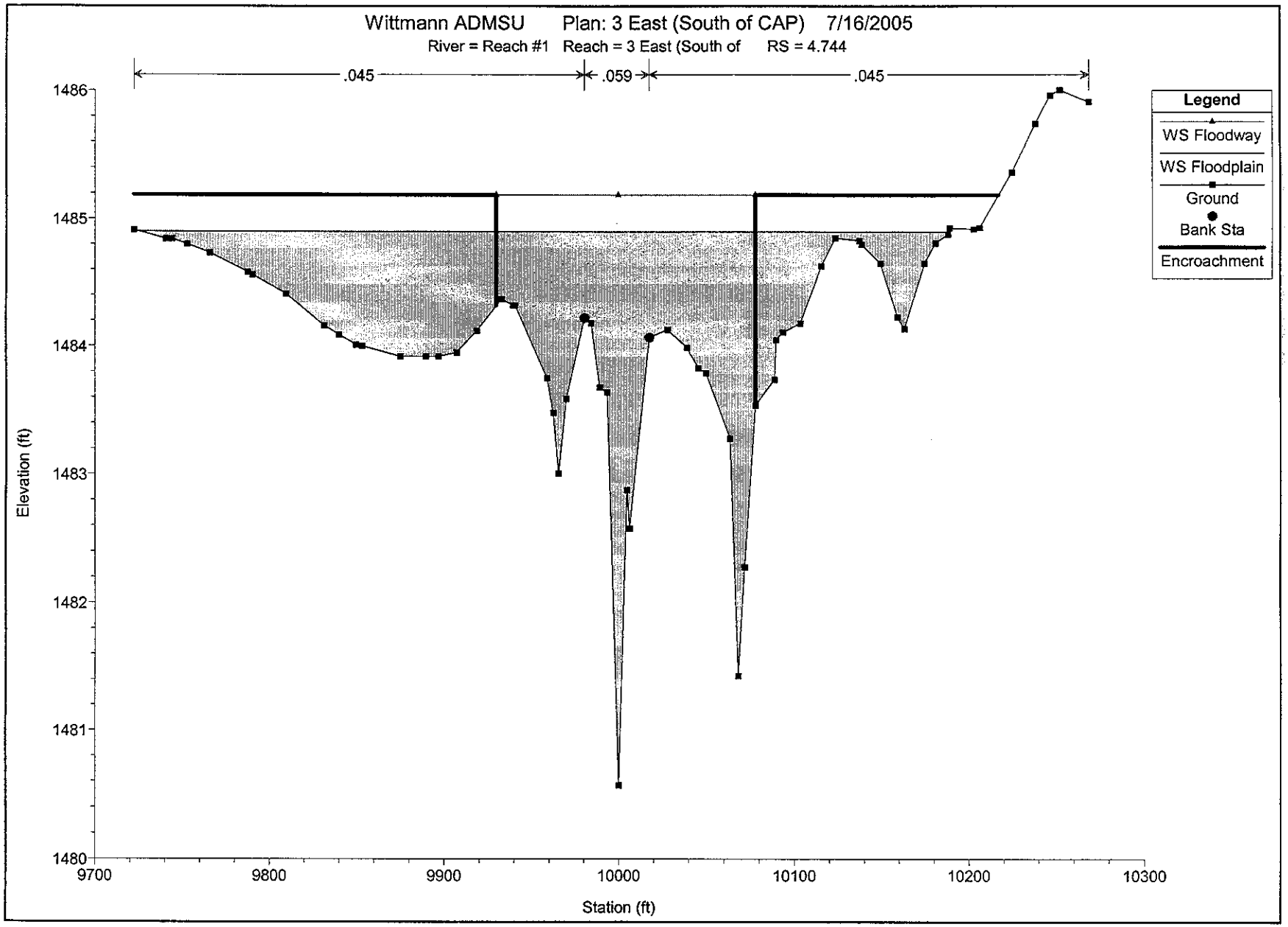

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 5.071
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1500
1499
1498
1497
1496
1495
1494
1493
9700
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)

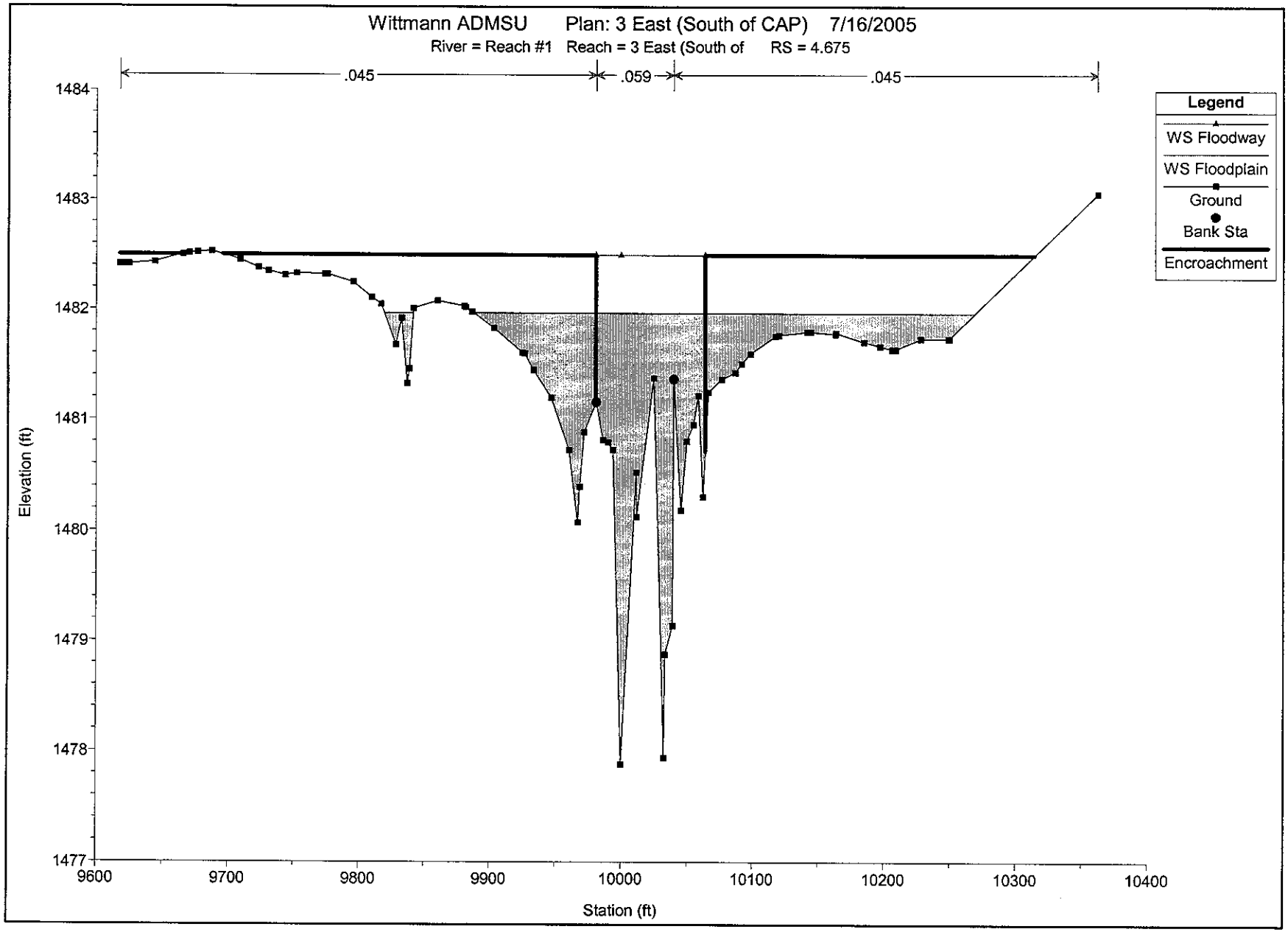

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.997
.044
.054
.045
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1497
1496
1495
1494
1493
1492
1491
1490
9400
9500
9600
9700
9800
9900
10000
10100
10200
Station (ft)

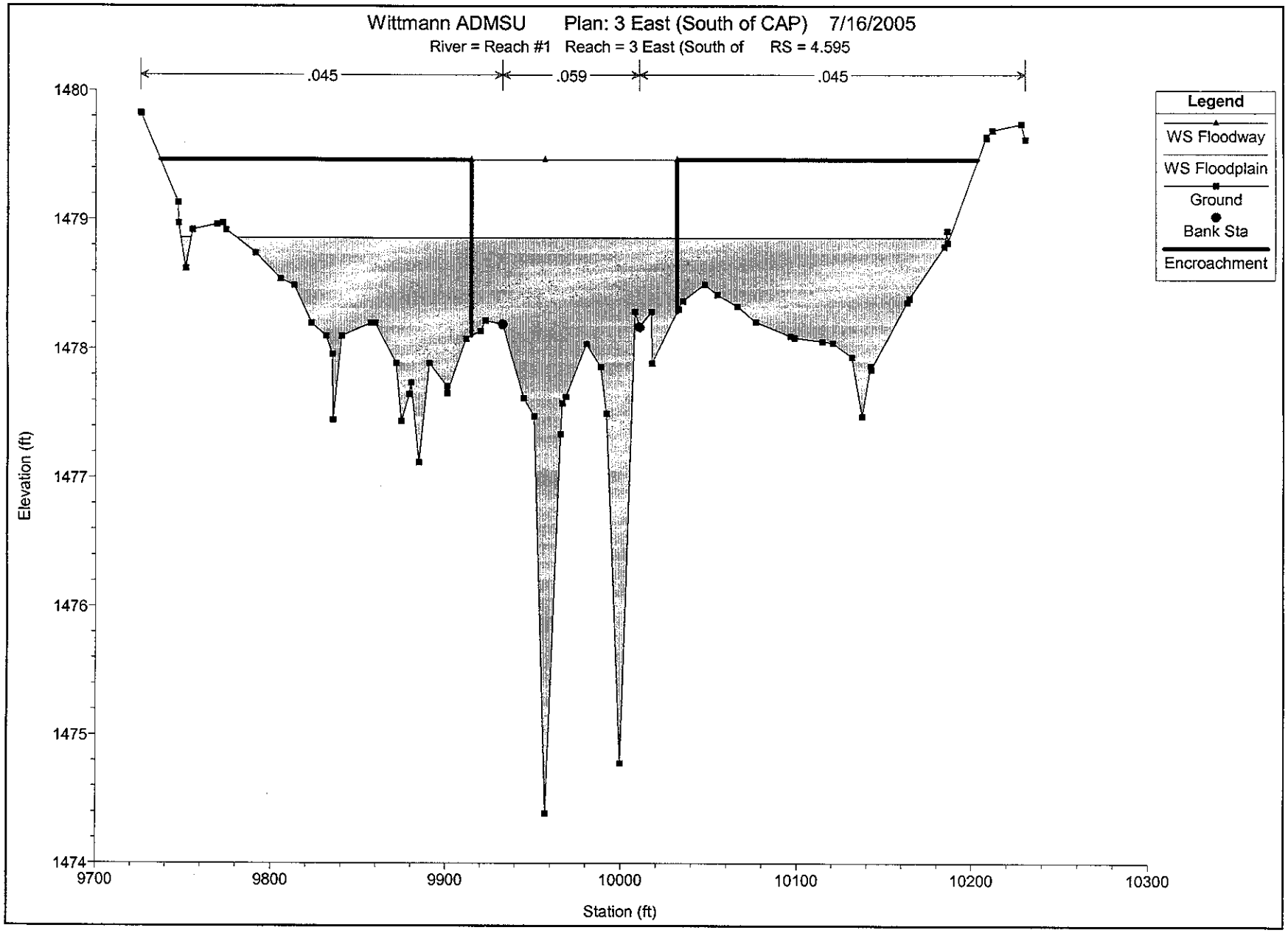

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.919
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1494
1493
1492
1491
1490
1489
1488
9400
9500
9600
9700
9800
9900
10000
10100
10200
Station (ft)

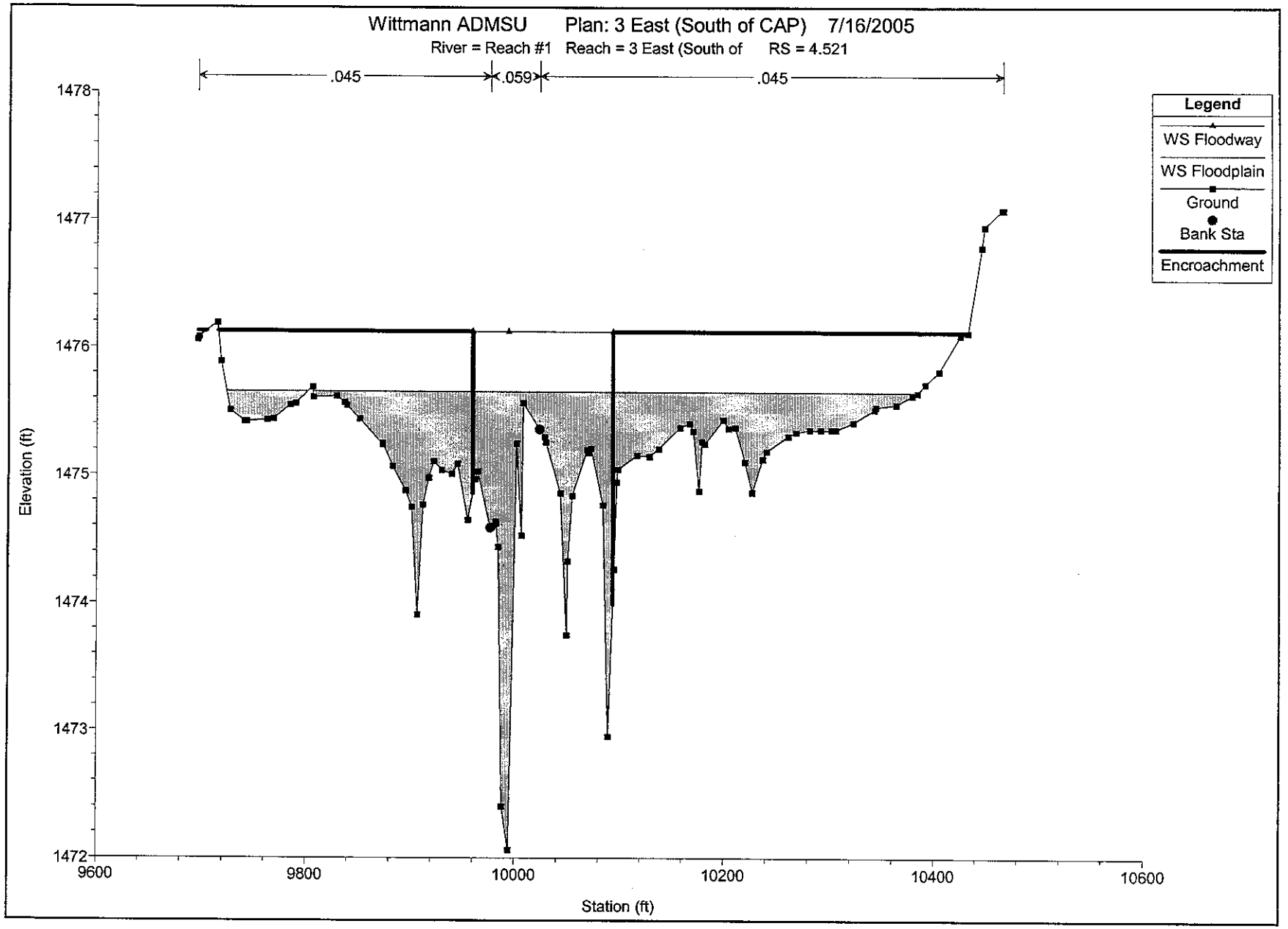

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.865
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1492
1491
1490
1489
1488
1487
1486
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

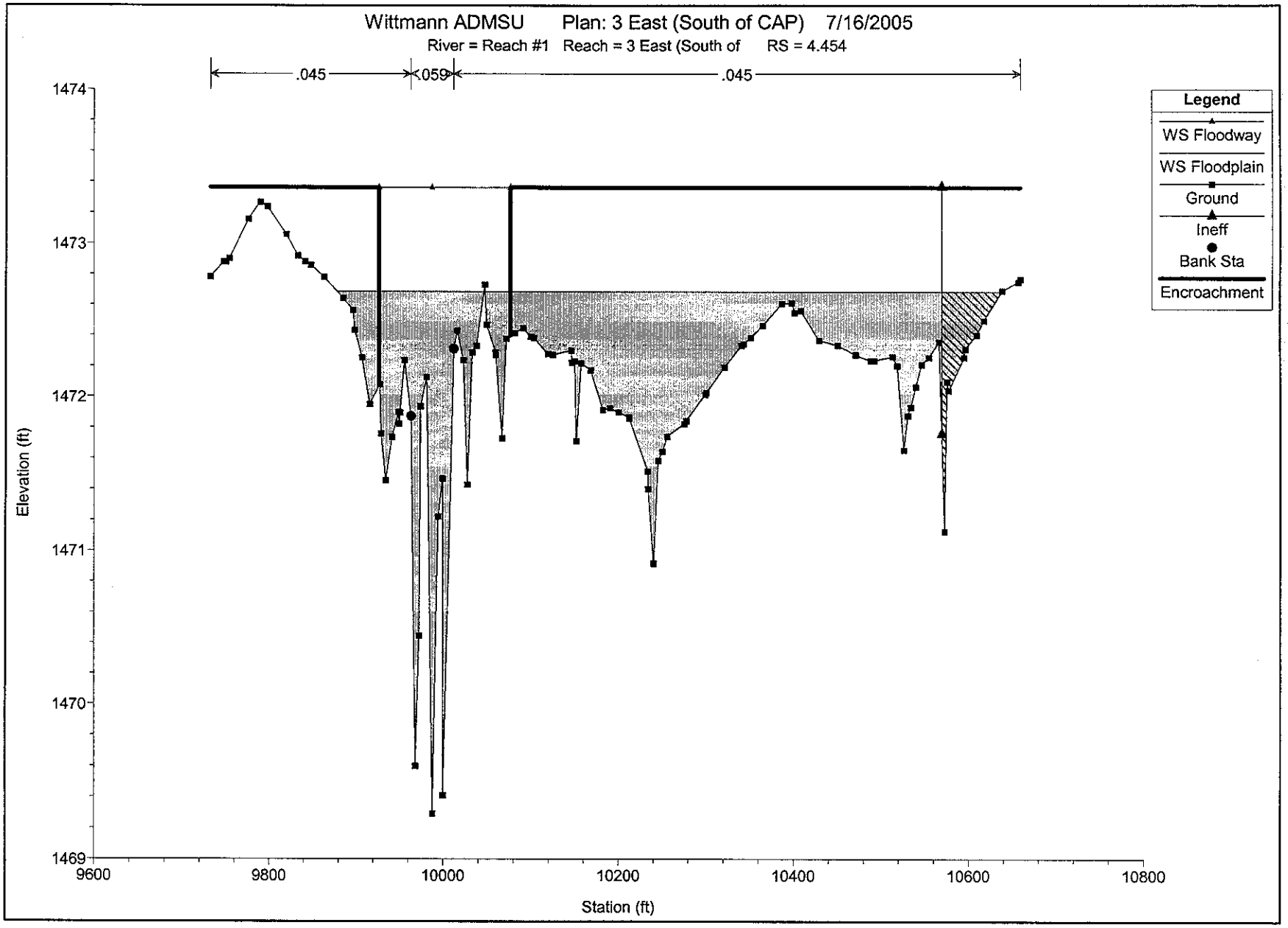

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.811
.044
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1489
1488
1487
1486
1485
1484
1483
9700
9800
9900
10000
10100
10200
10300
Station (ft)

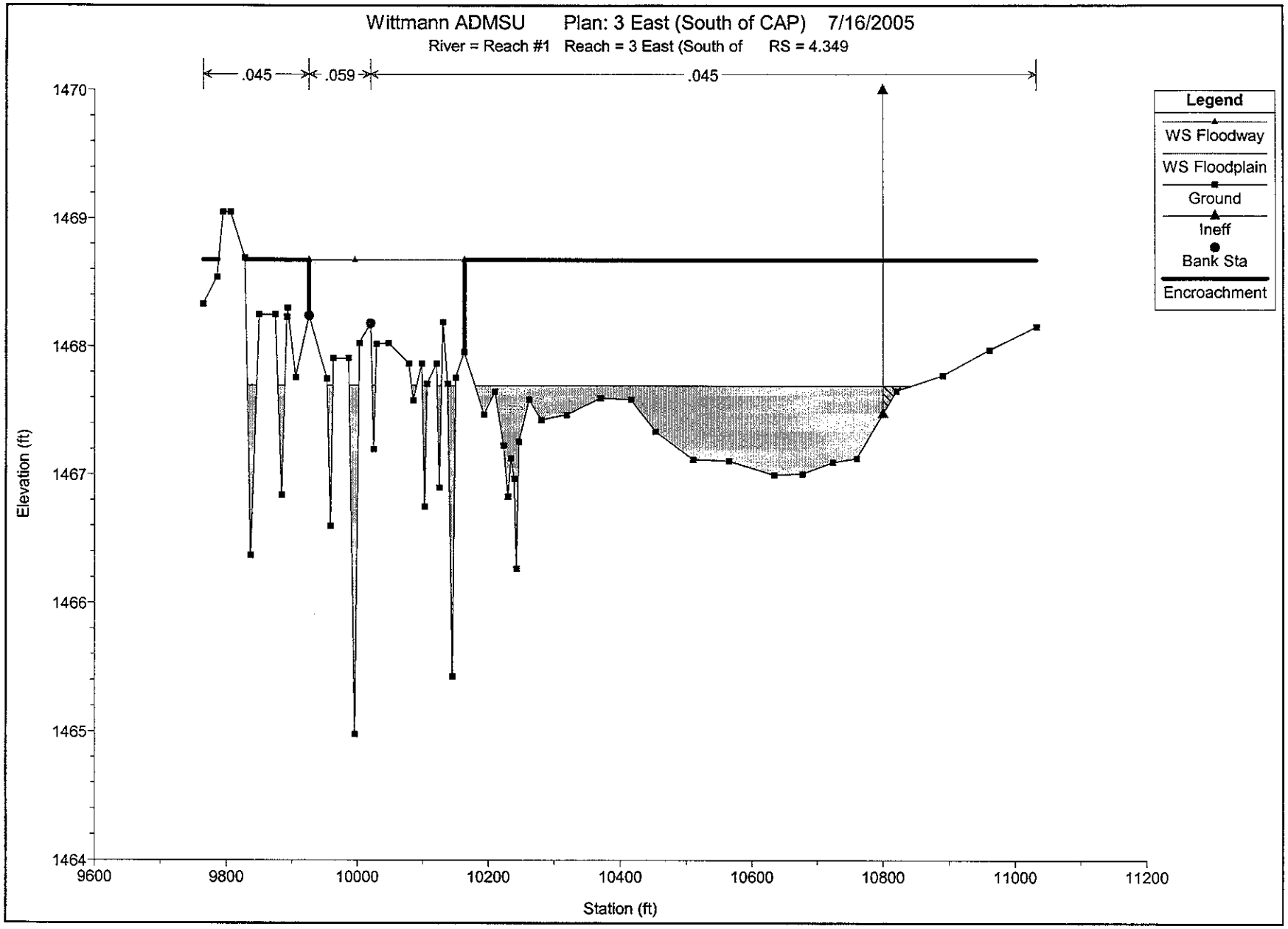

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.744
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1486
1485
1484
1483
1482
1481
1480
9700
9800
9900
10000
10100
10200
10300
Station (ft)

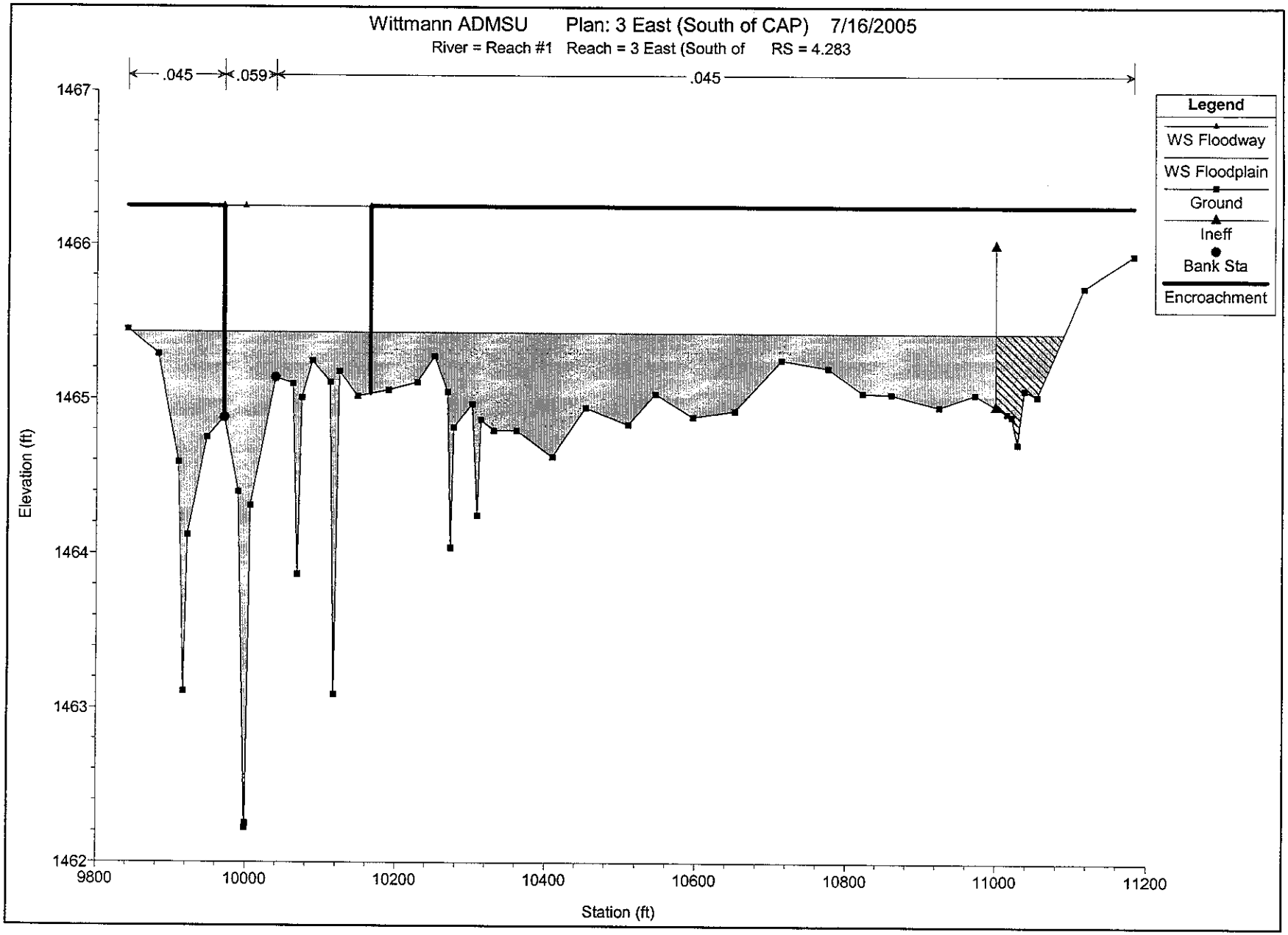

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.675
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1484
1483
1482
1481
1480
1479
1478
1477
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

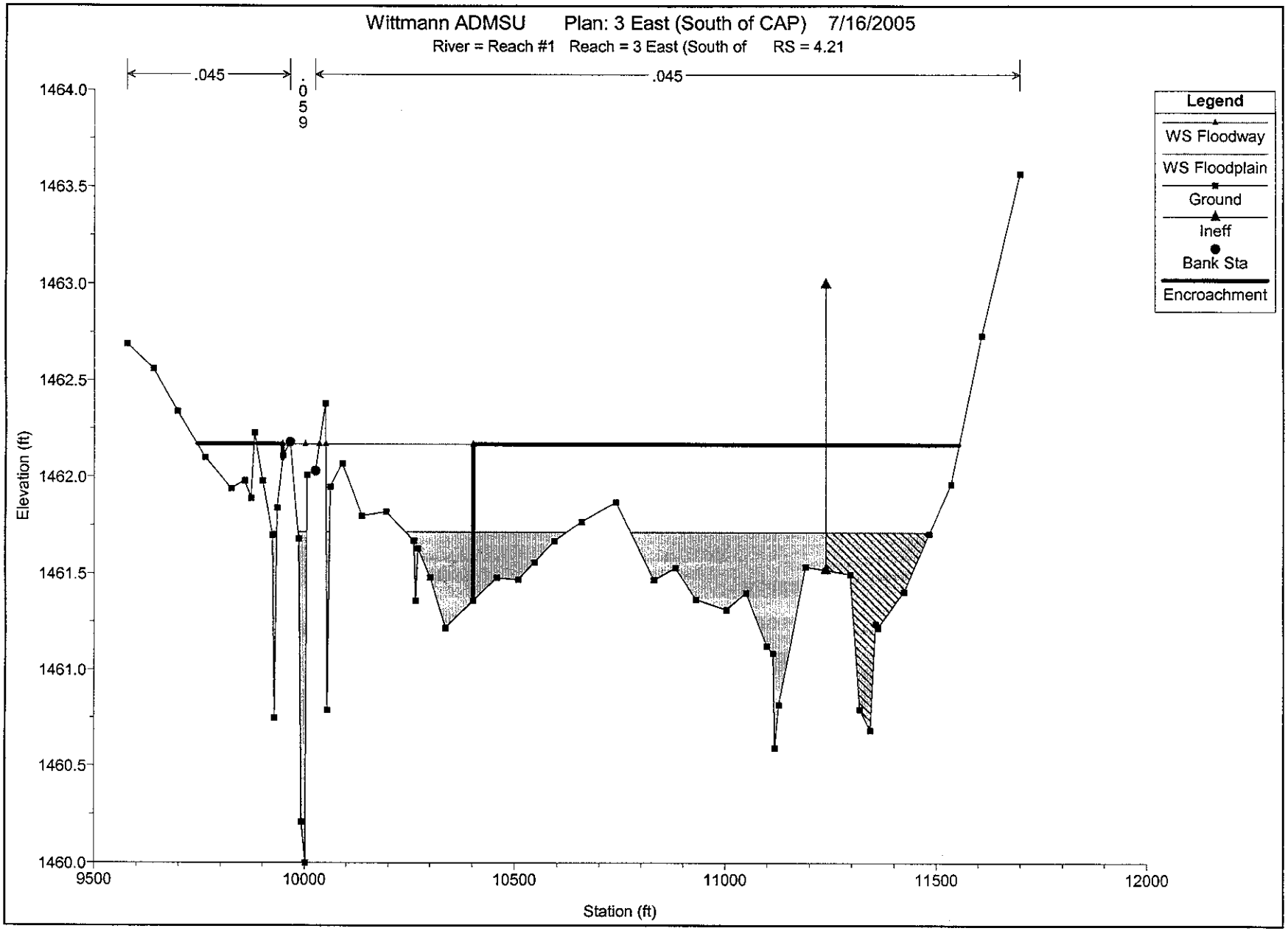

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.595
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1480
1479
1478
1477
1476
1475
1474
9700
9800
9900
10000
10100
10200
10300
Station (ft)

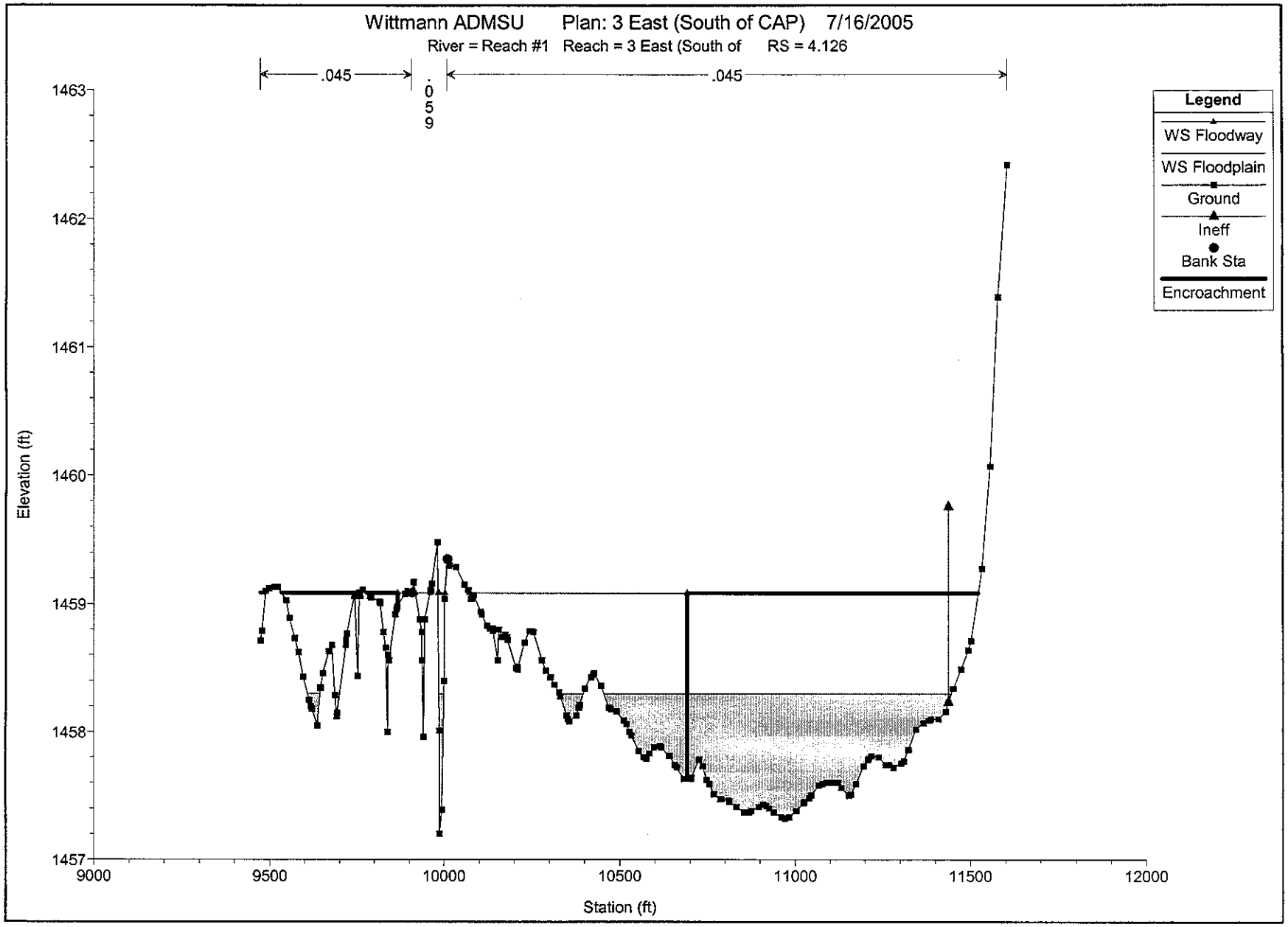

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.521
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1478
1477
1476
1475
1474
1473
1472
9600
9800
10000
10200
10400
10600
Station (ft)

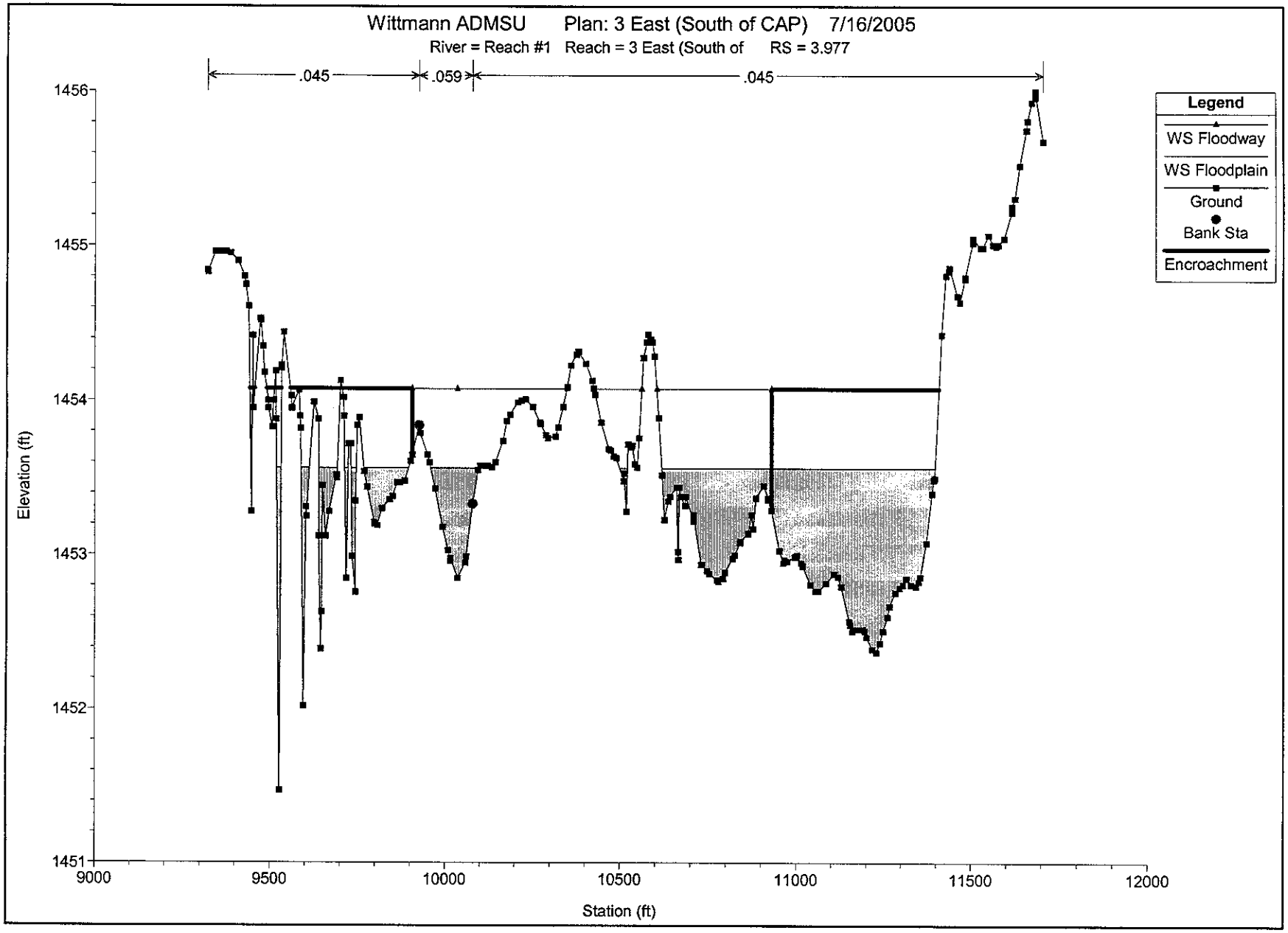

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.454
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1474
1473
1472
1471
1470
1469
9600
9800
10000
10200
10400
10600
10800
Station (ft)

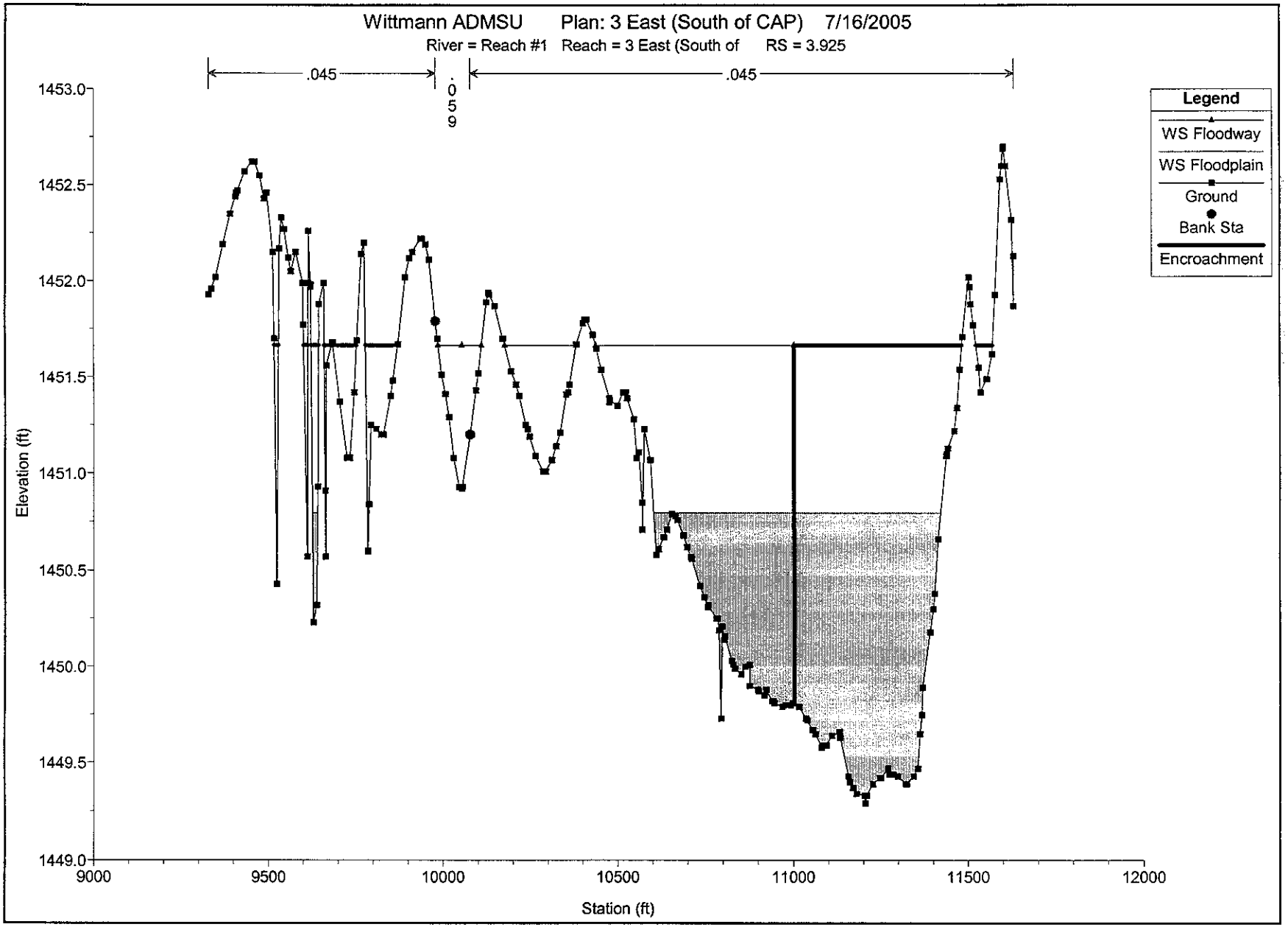

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.349
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1470
1469
1468
1467
1466
1465
1464
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

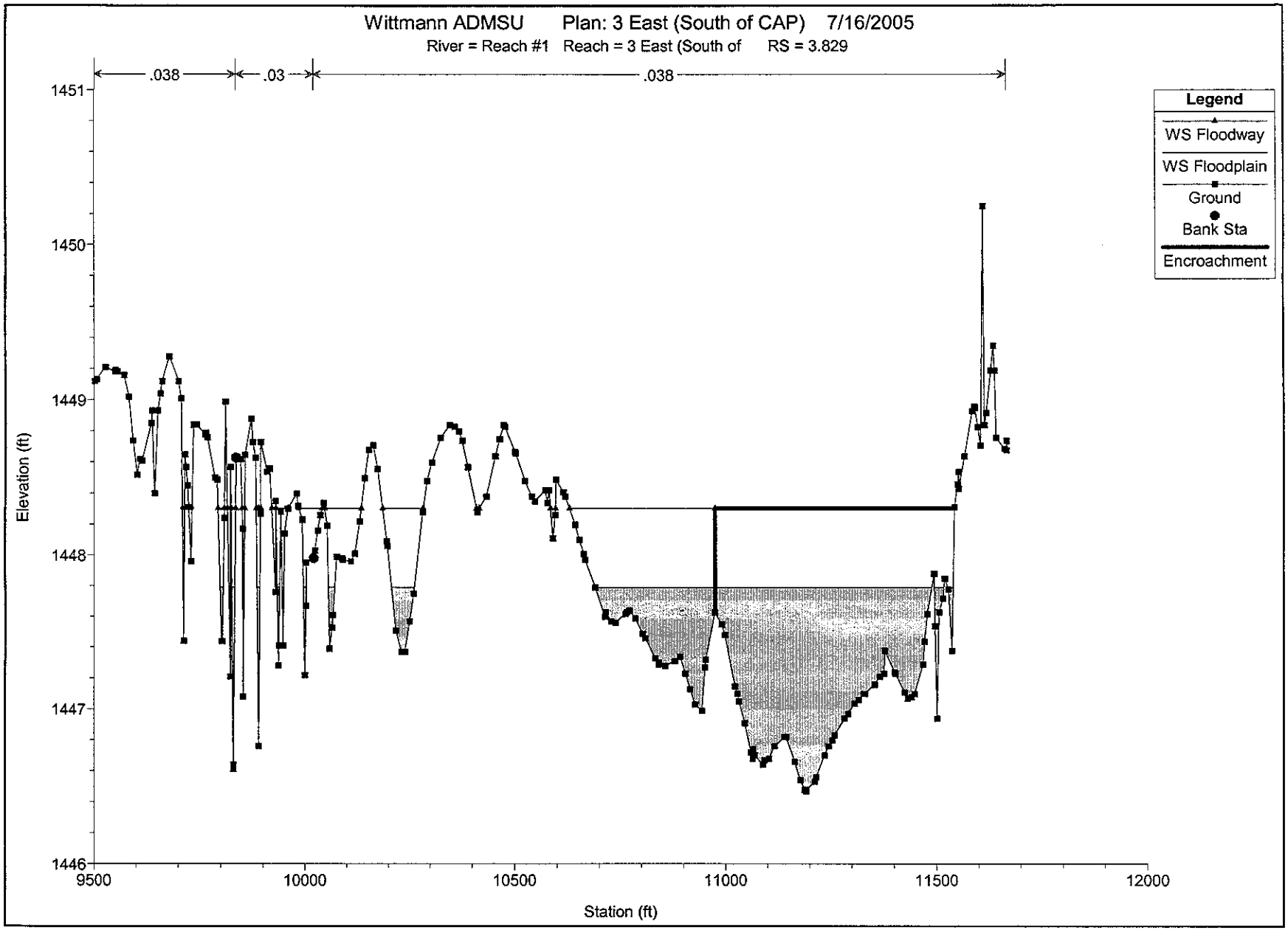

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.283
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1467
1466
1465
1464
1463
1462
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

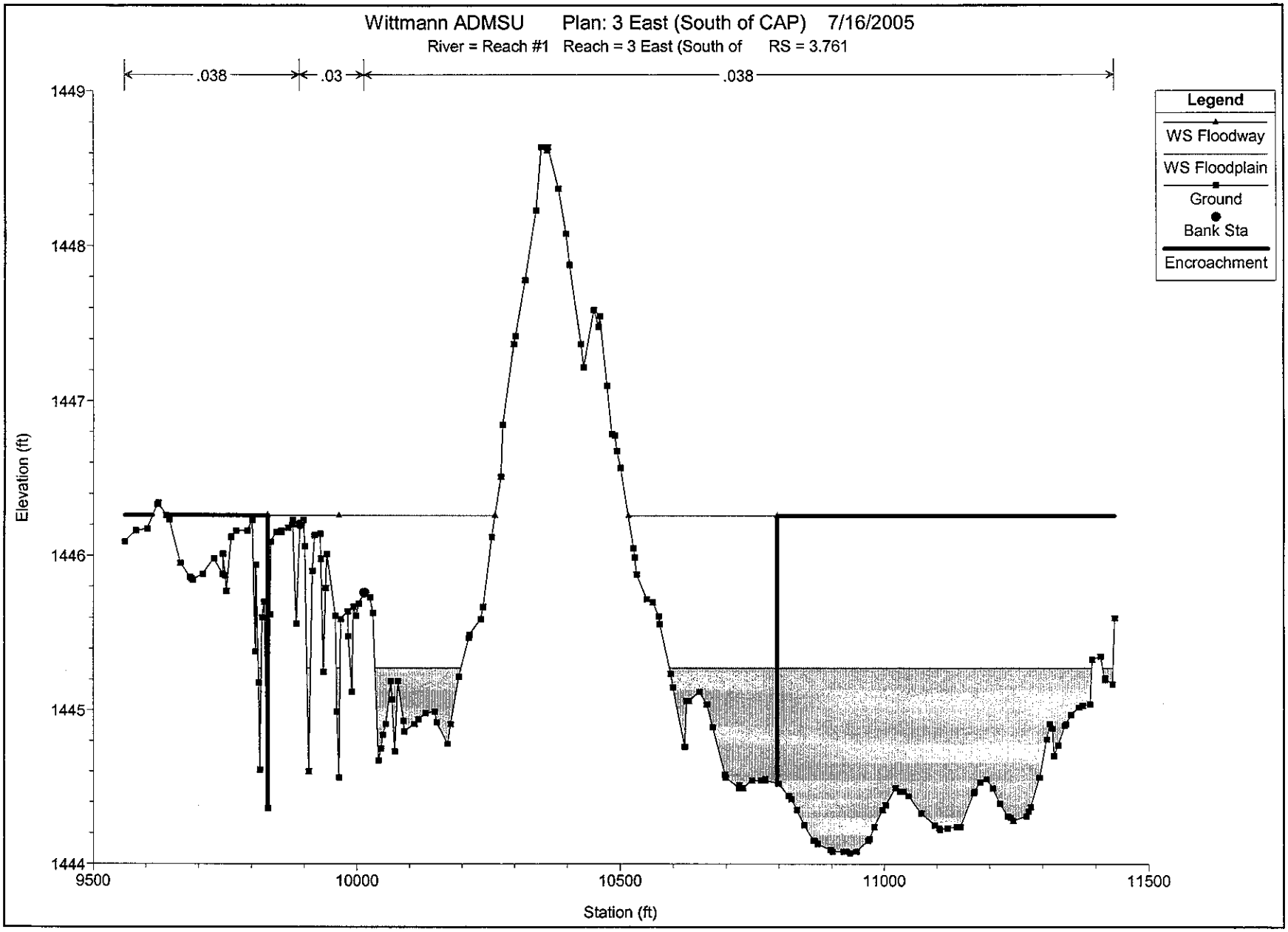

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.21
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1464.0
1463.5
1463.0
1462.5
1462.0
1461.5
1461.0
1460.5
1460.0
9500
10000
10500
11000
11500
12000
Station (ft)

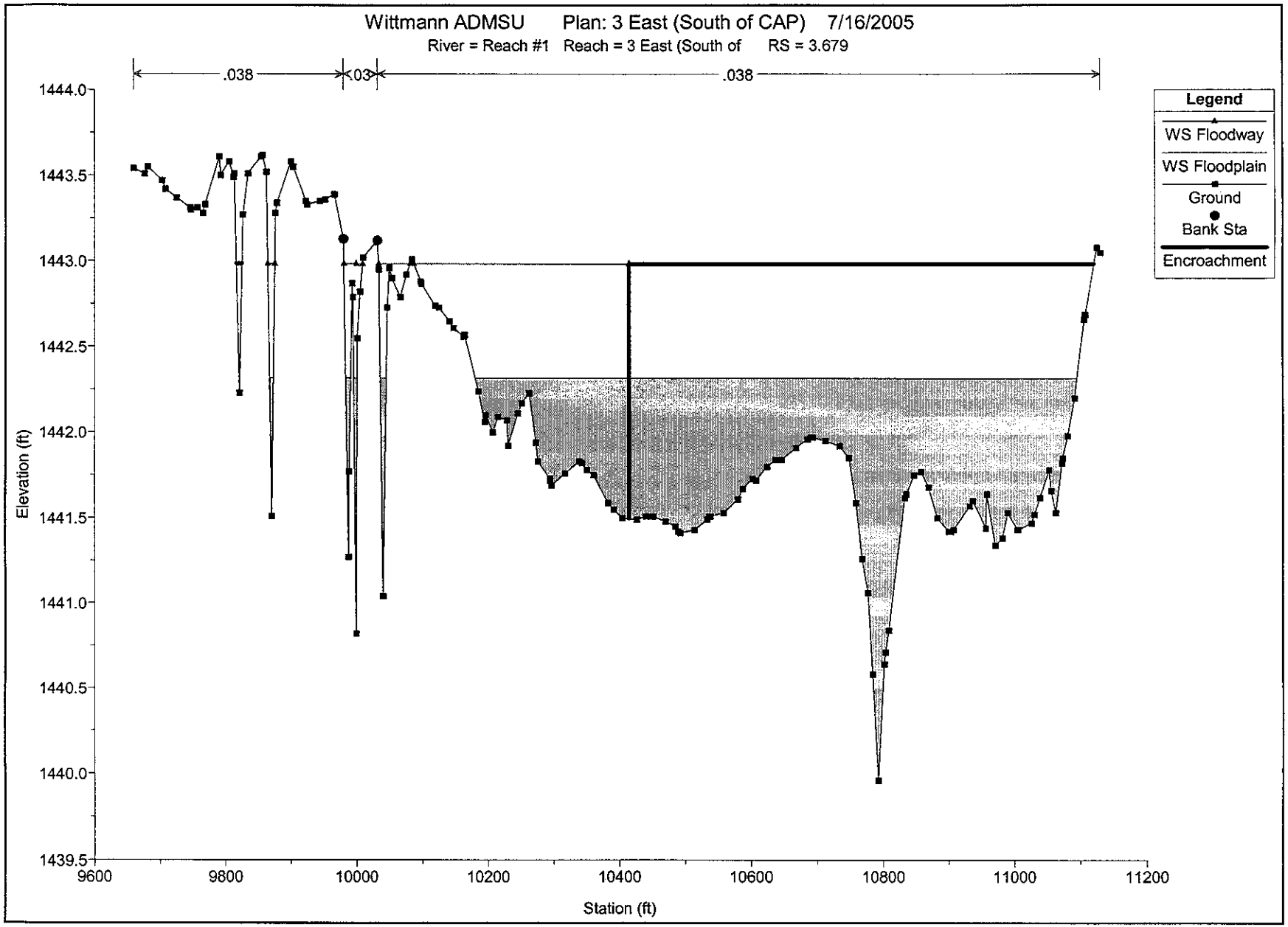

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 4.126
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1463
1462
1461
1460
1459
1458
1457
9000
9500
10000
10500
11000
11500
12000
Station (ft)

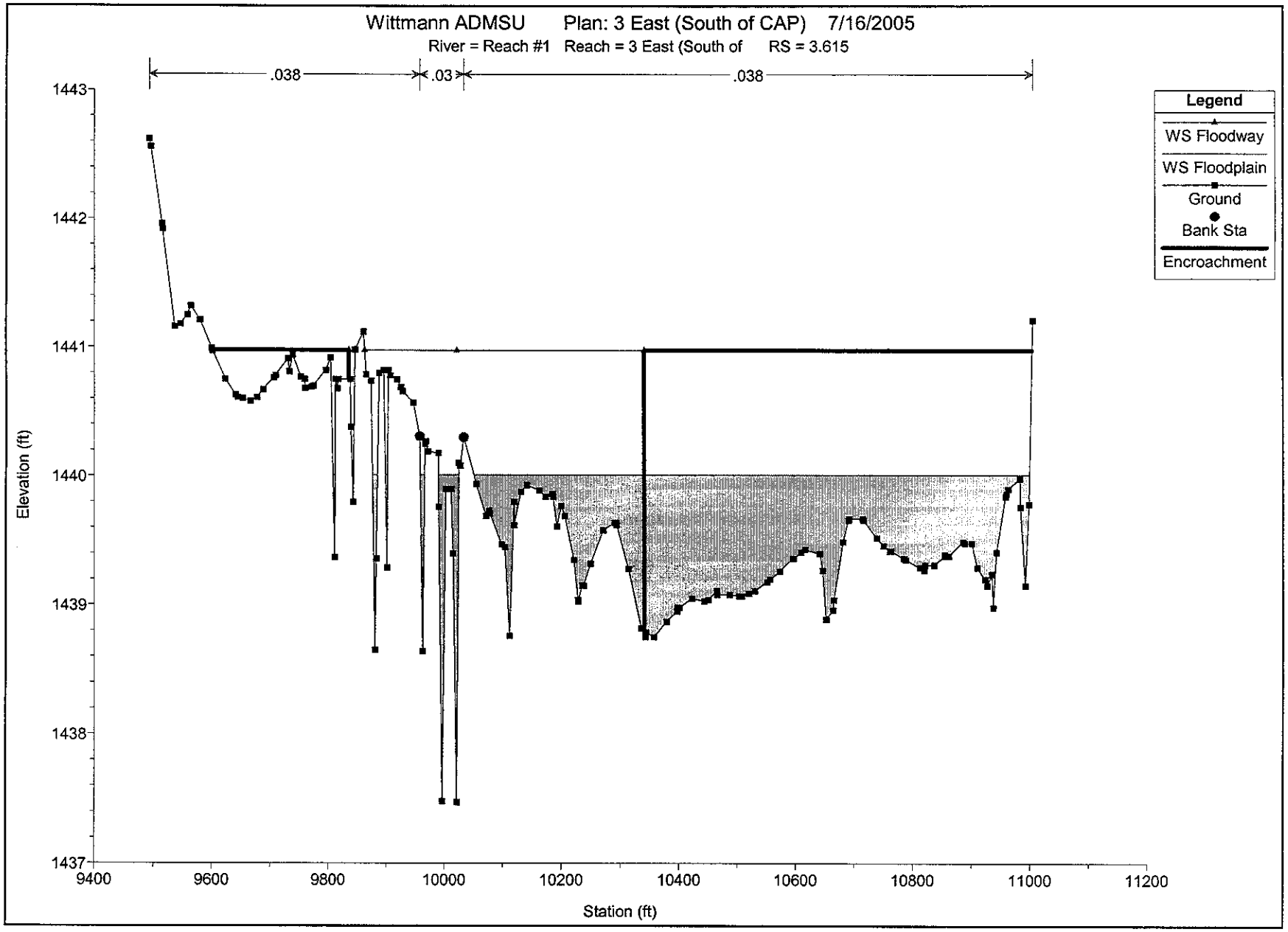

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.977
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1456
1455
1454
1453
1452
1451
9000
9500
10000
10500
11000
11500
12000
Station (ft)

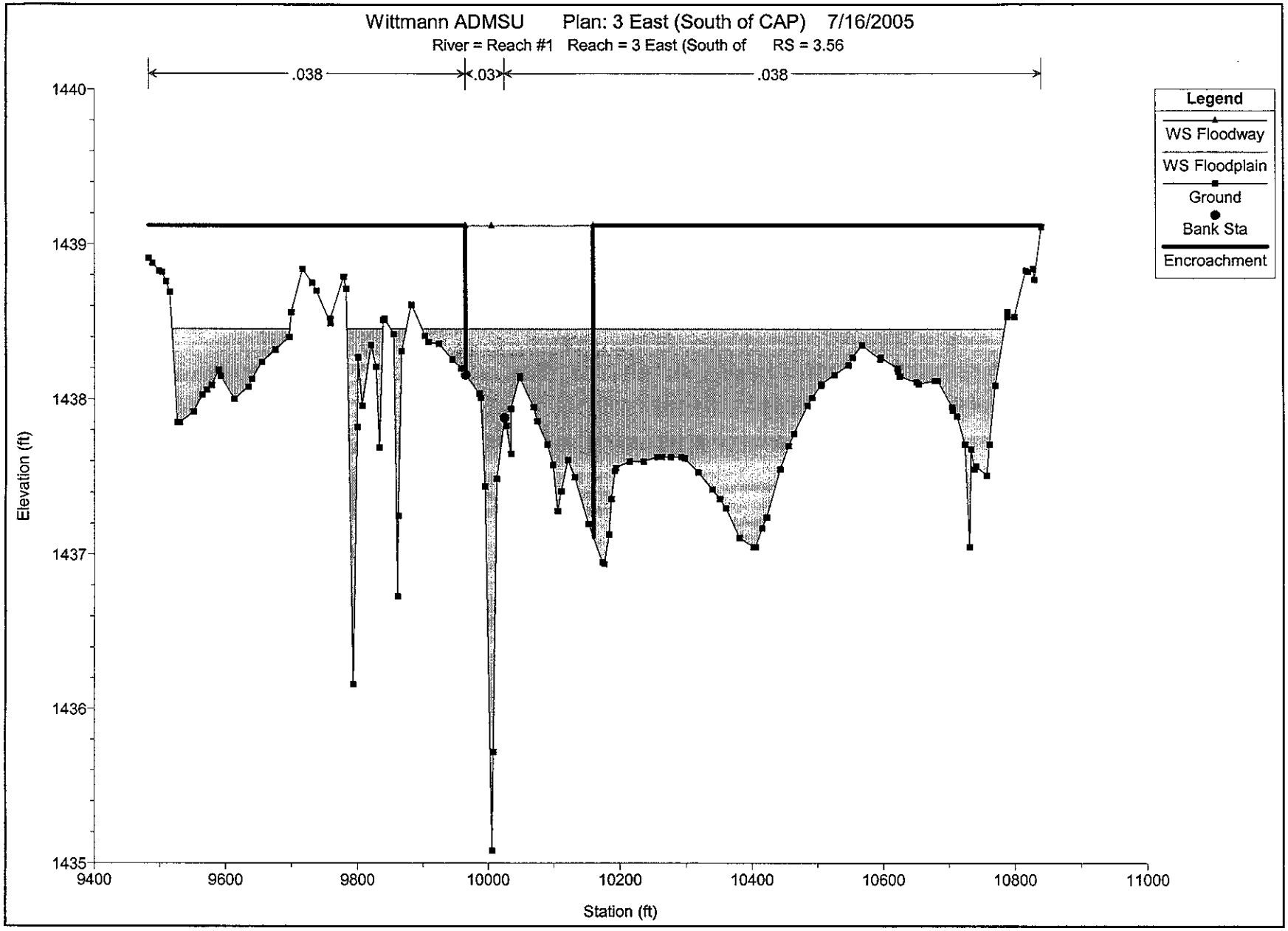

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.925
.045
.059
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1453.0
1452.5
1452.0
1451.5
1451.0
1450.5
1450.0
1449.5
1449.0
9000
9500
10000
10500
11000
11500
12000
Station (ft)

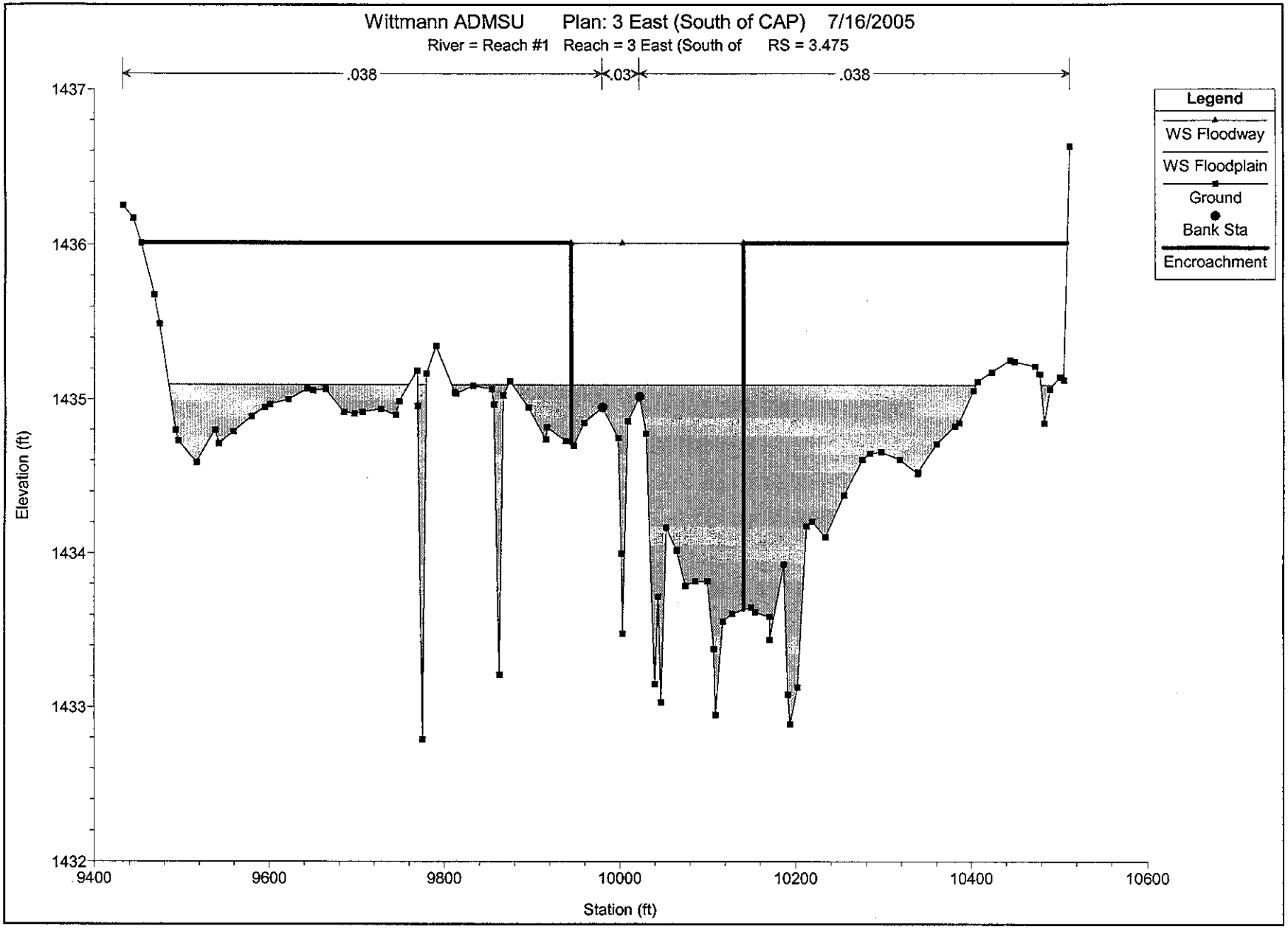

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.829
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1451
1450
1449
1448
1447
1446
9500
10000
10500
11000
11500
12000
Station (ft)

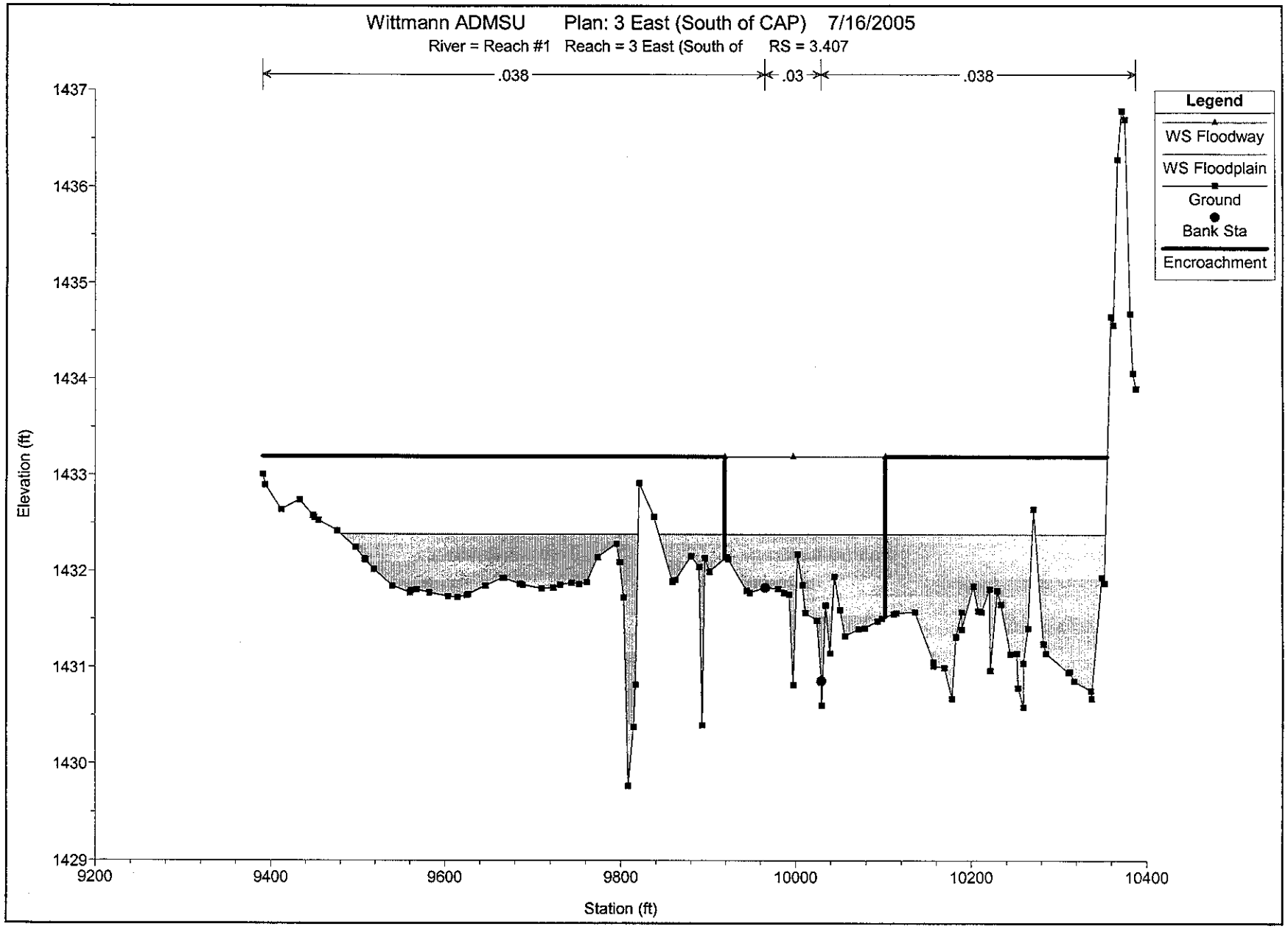

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.761
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1449
1448
1447
1446
1445
1444
9500
10000
10500
11000
11500
Station (ft)

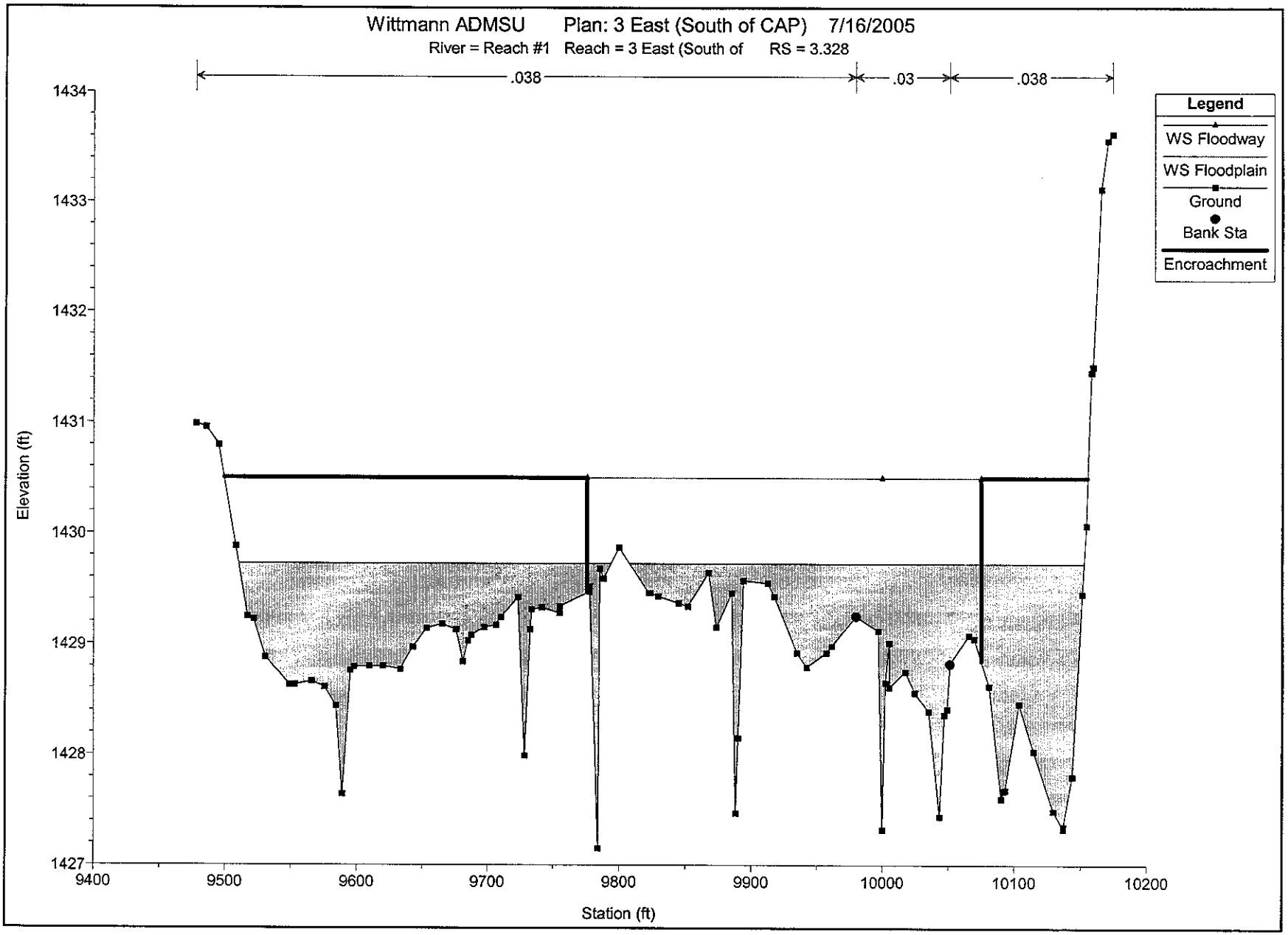

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.679
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1444.0
1443.5
1443.0
1442.5
1442.0
1441.5
1441.0
1440.5
1440.0
1439.5
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

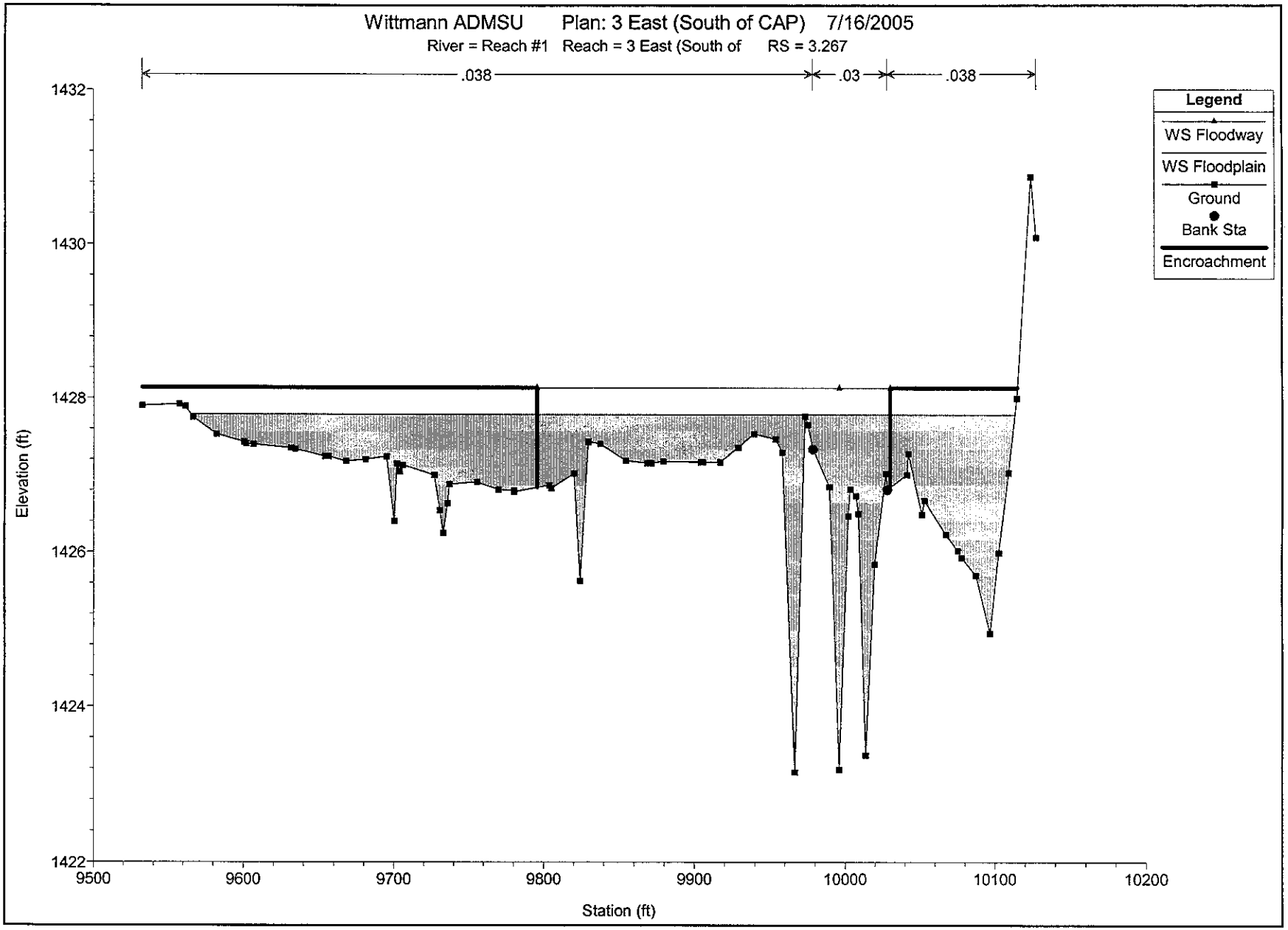

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.615
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1443
1442
1441
1440
1439
1438
1437
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

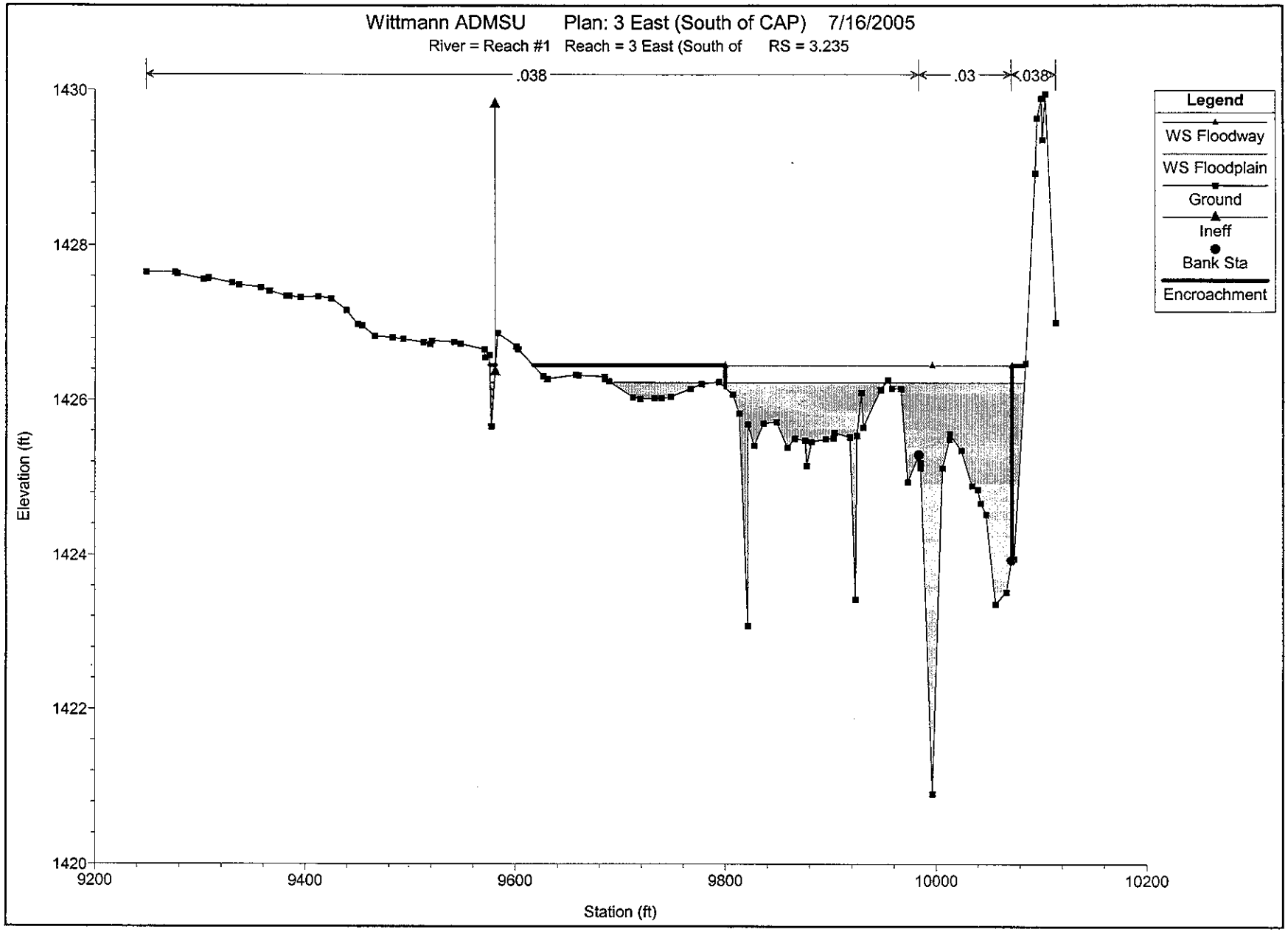

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.56
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1440
1439
1438
1437
1436
1435
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

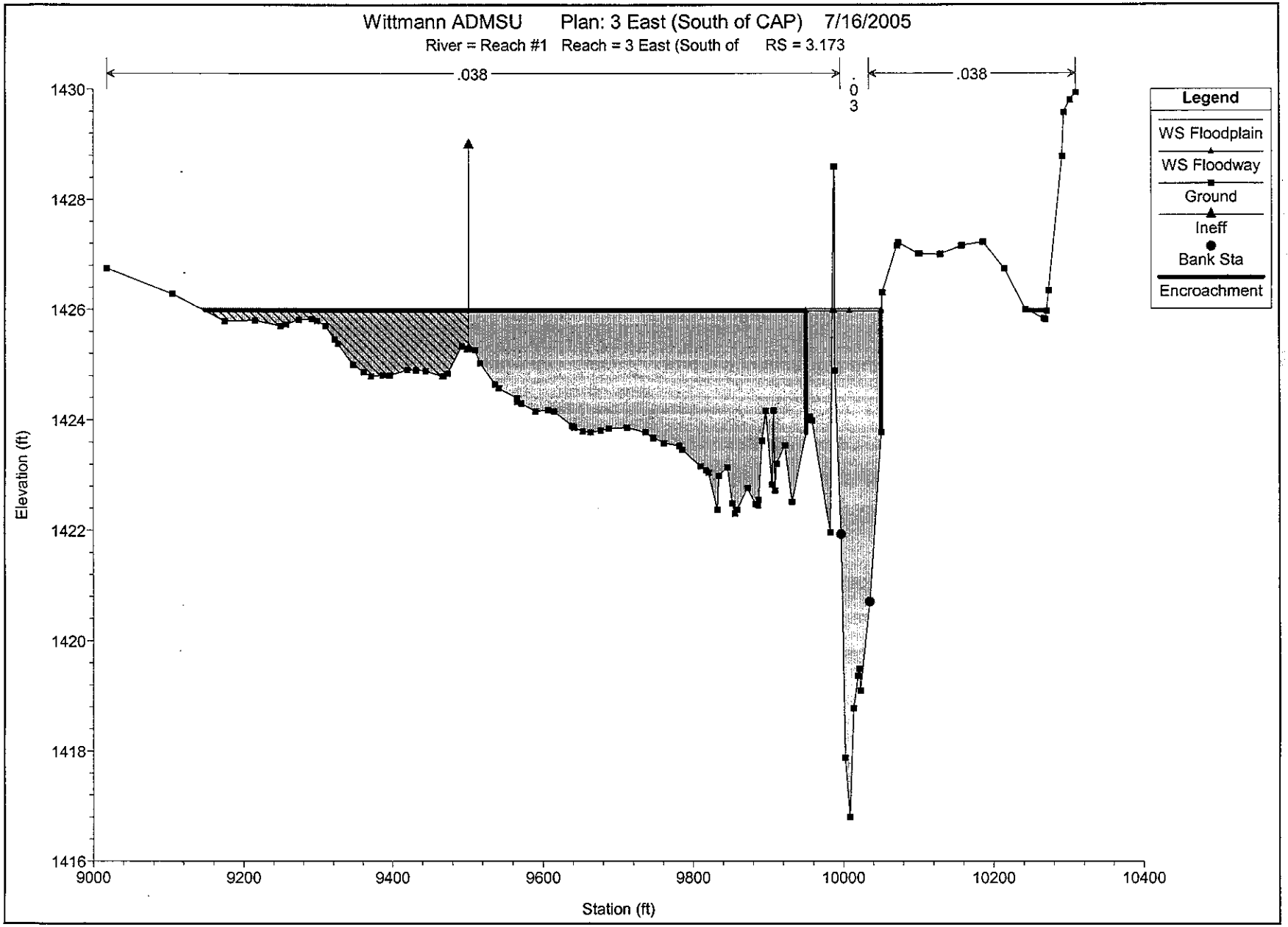

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.475
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1437
1436
1435
1434
1433
1432
9400
9600
9800
10000
10200
10400
10600
Station (ft)

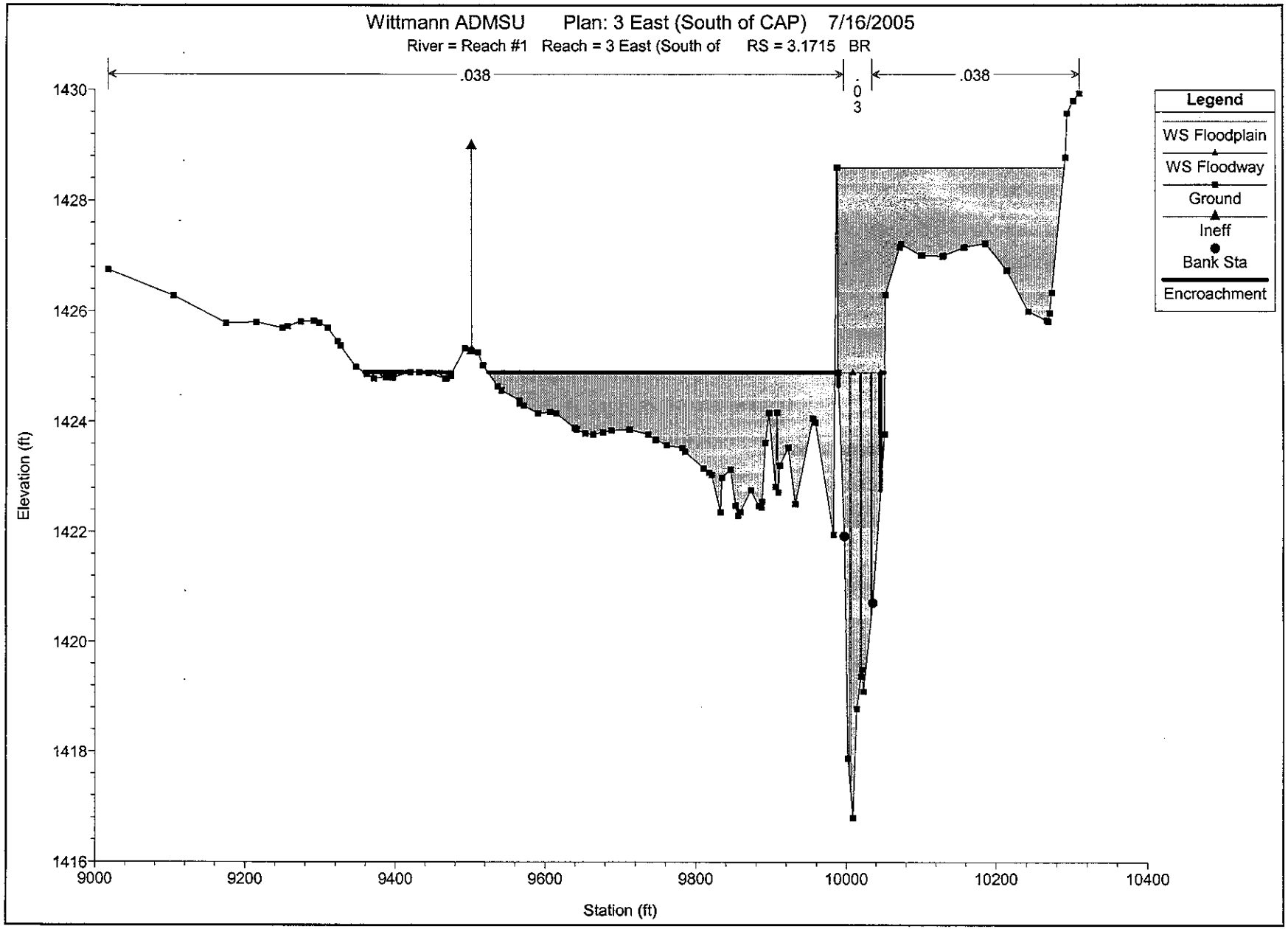

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.407
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1437
1436
1435
1434
1433
1432
1431
1430
1429
9200
9400
9600
9800
10000
10200
10400
Station (ft)

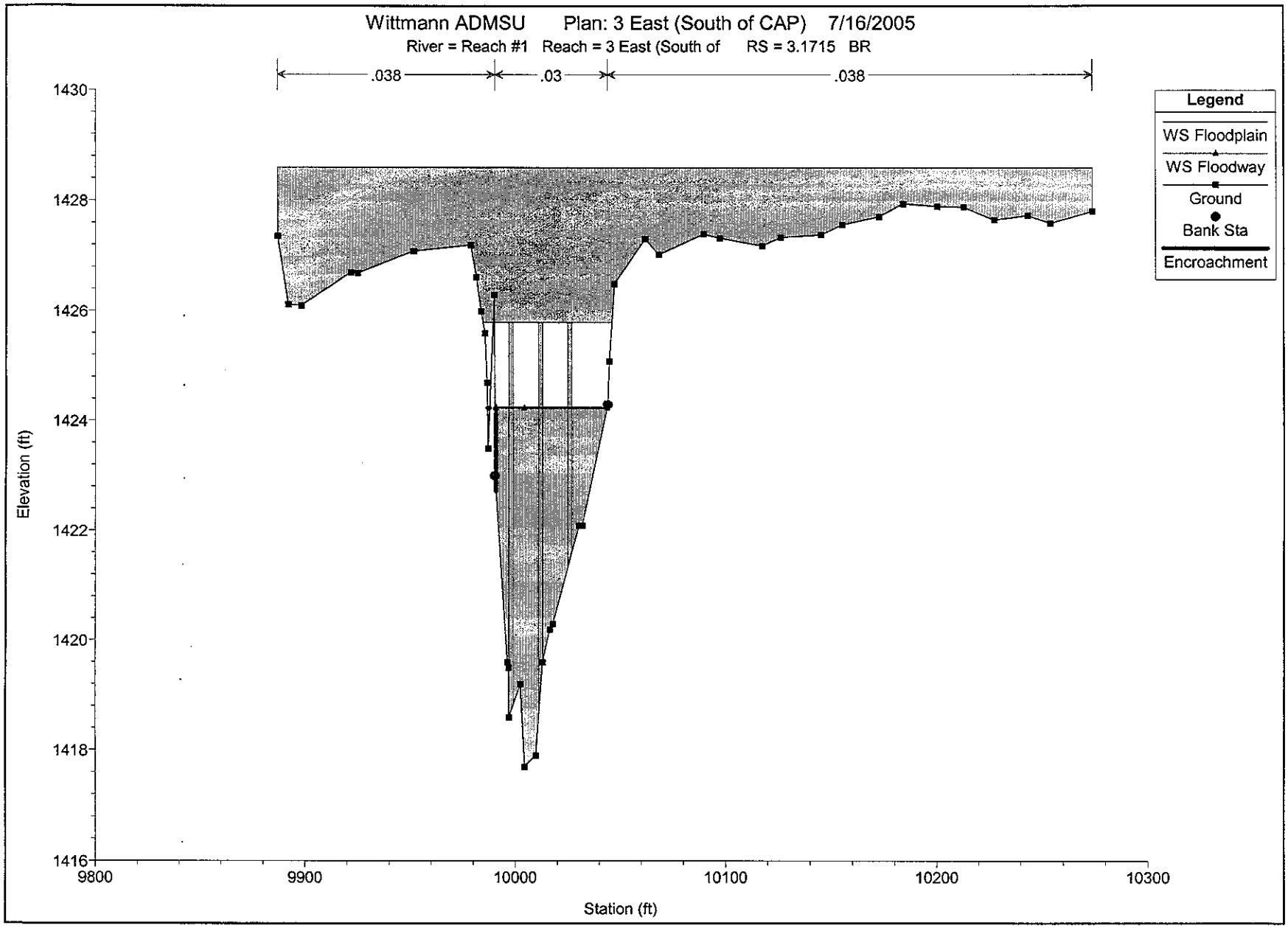

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.328
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1434
1433
1432
1431
1430
1429
1428
1427
9400
9500
9600
9700
9800
9900
10000
10100
10200
Station (ft)

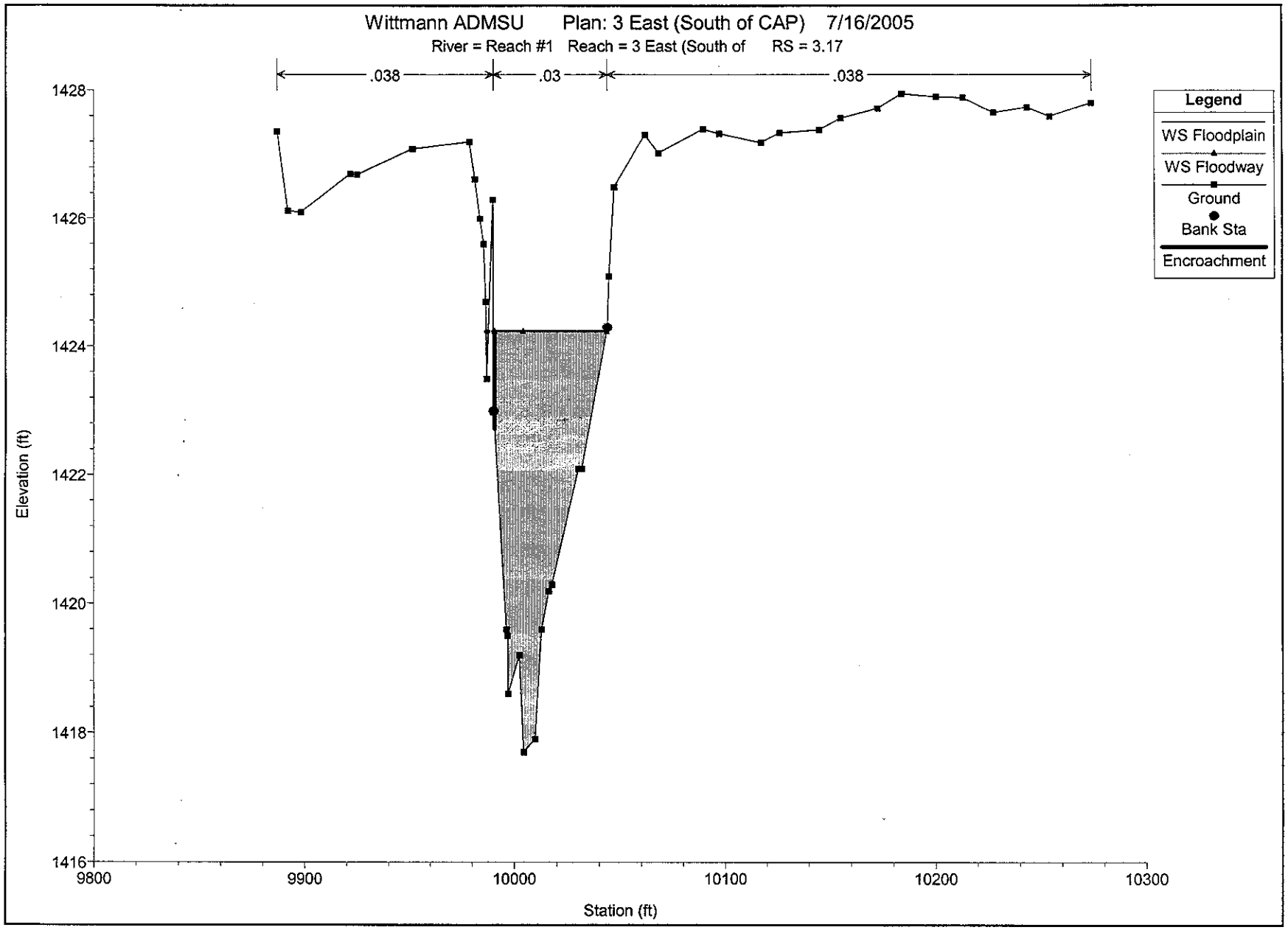

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.267
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1432
1430
1428
1426
1424
1422
9500
9600
9700
9800
9900
10000
10100
10200
Station (ft)

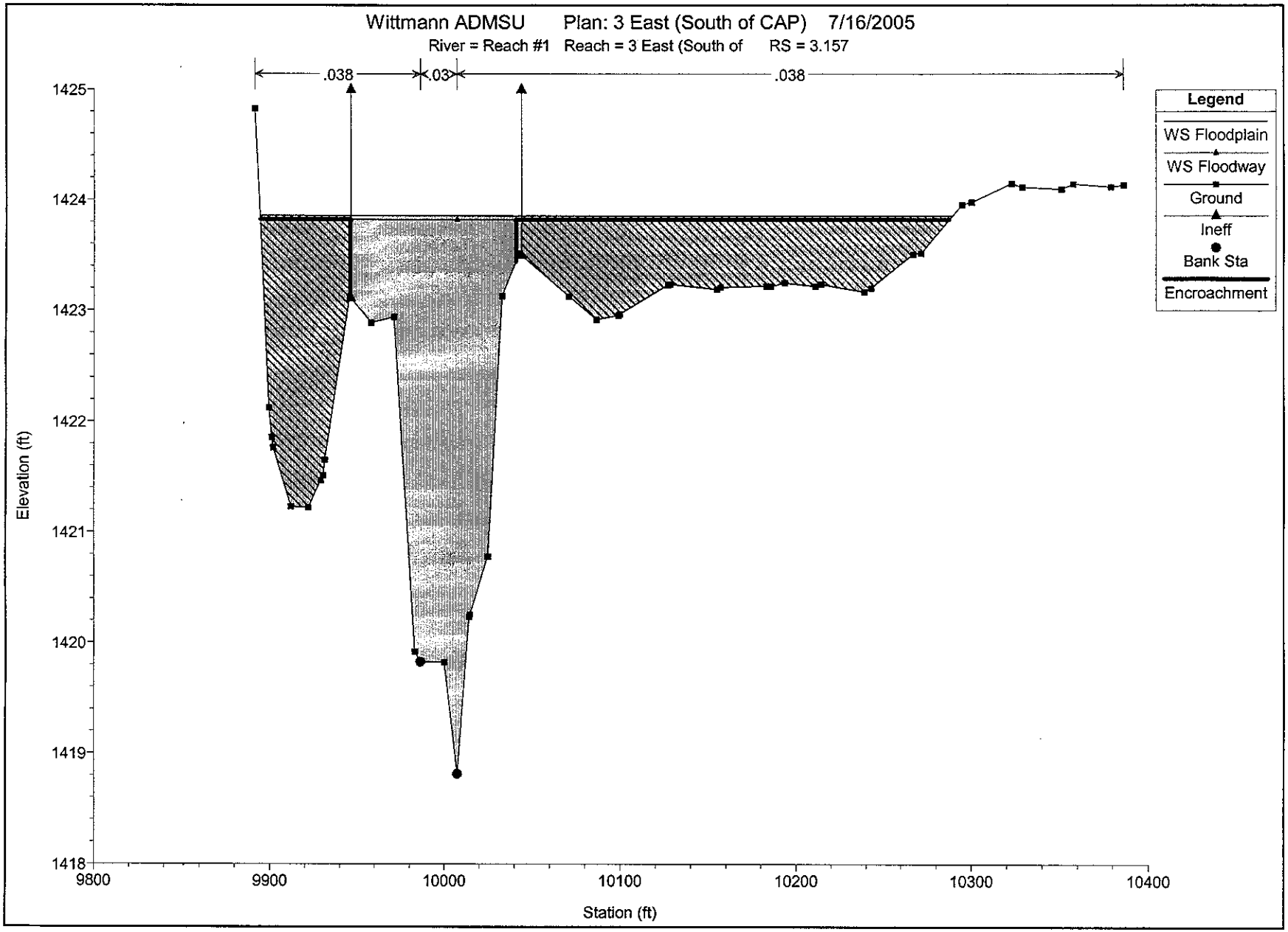

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.235
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1430
1428
1426
1424
1422
1420
9200
9400
9600
9800
10000
10200
Station (ft)

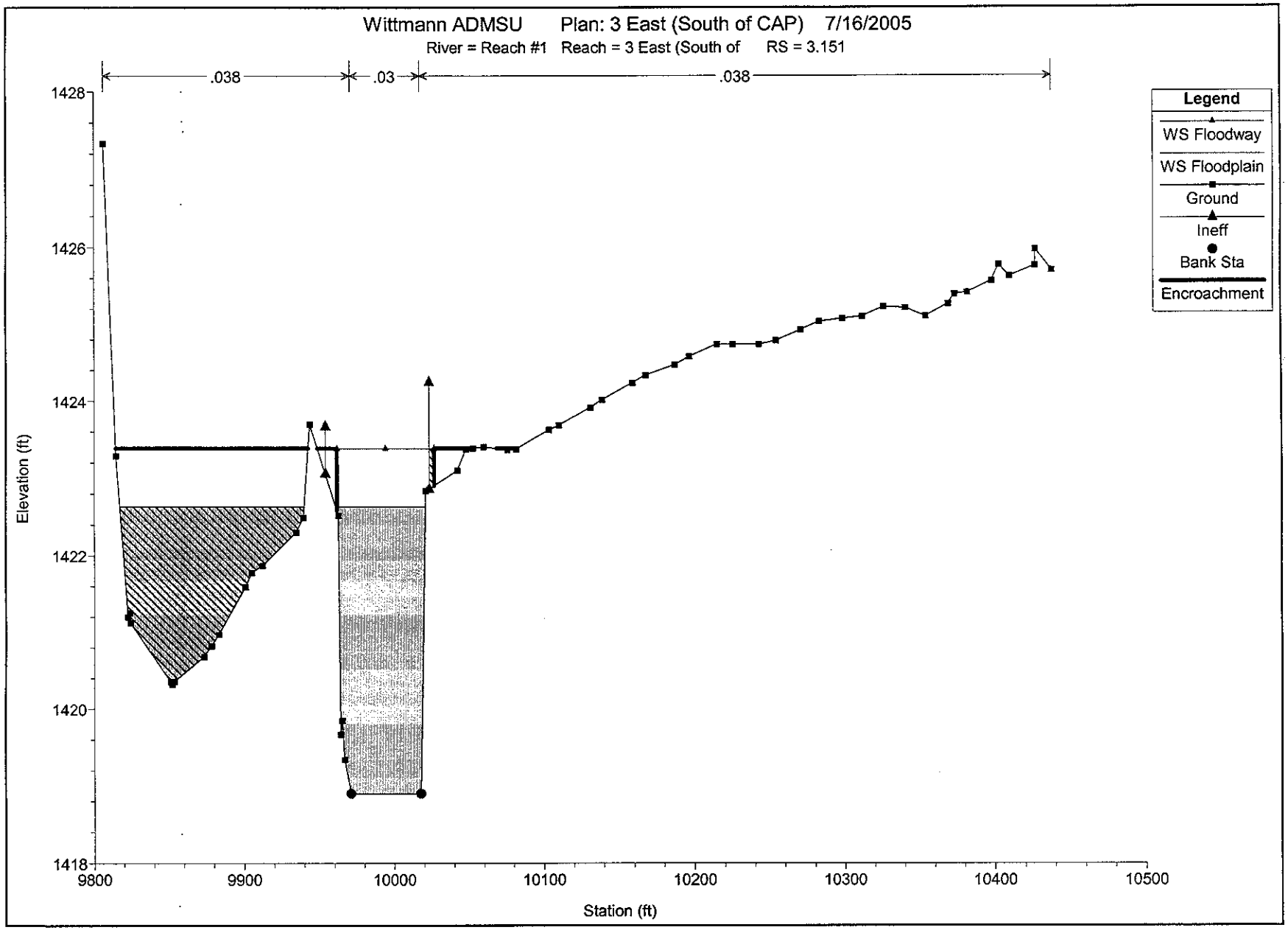

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.173
.038
.03
.038
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1430
1428
1426
1424
1422
1420
1418
1416
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

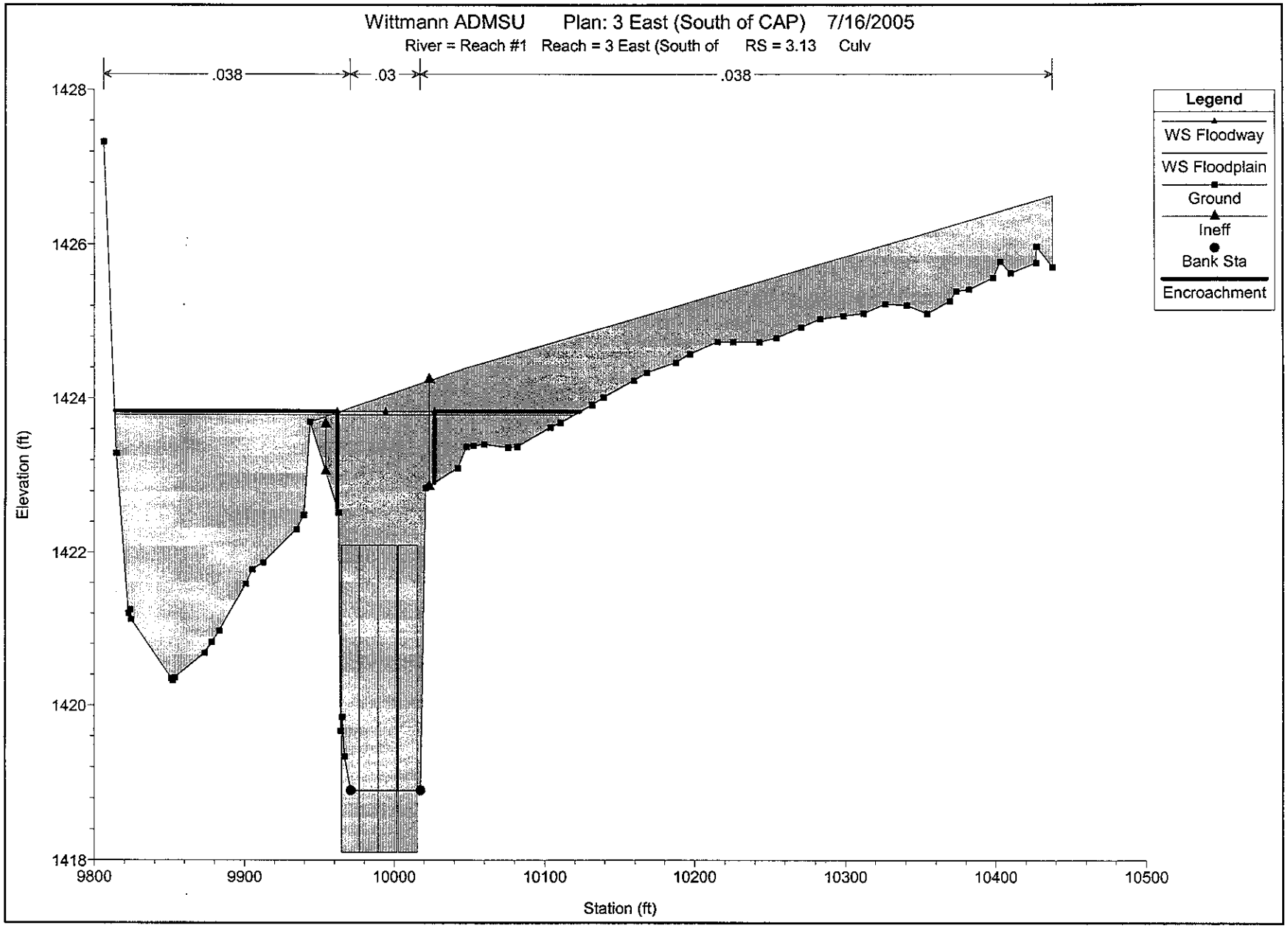

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.1715 BR
.038
.03
.038
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1430
1428
1426
1424
1422
1420
1418
1416
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

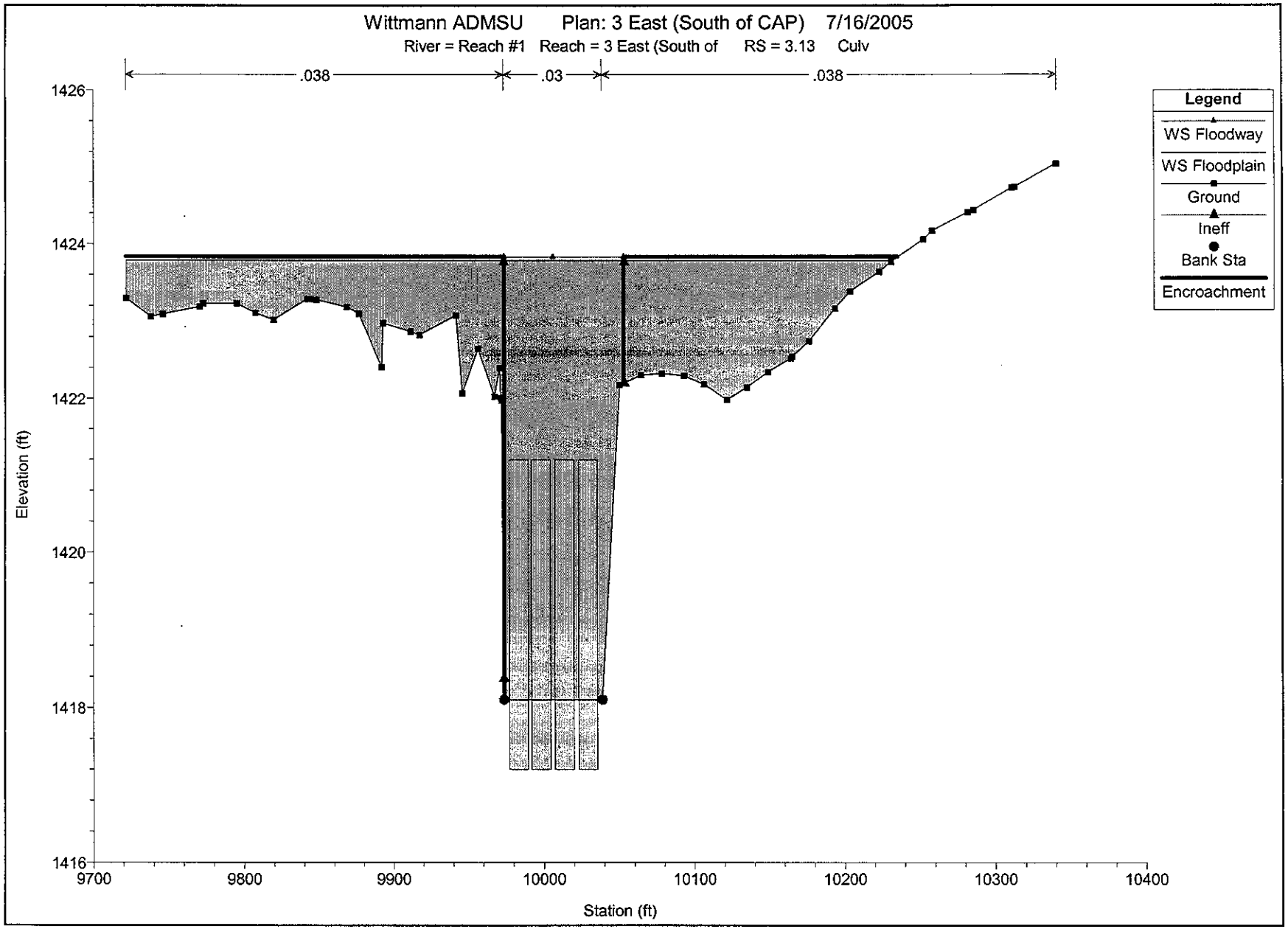

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.1715 BR
.038
.03
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1430
1428
1426
1424
1422
1420
1418
1416
9800
9900
10000
10100
10200
10300
Station (ft)

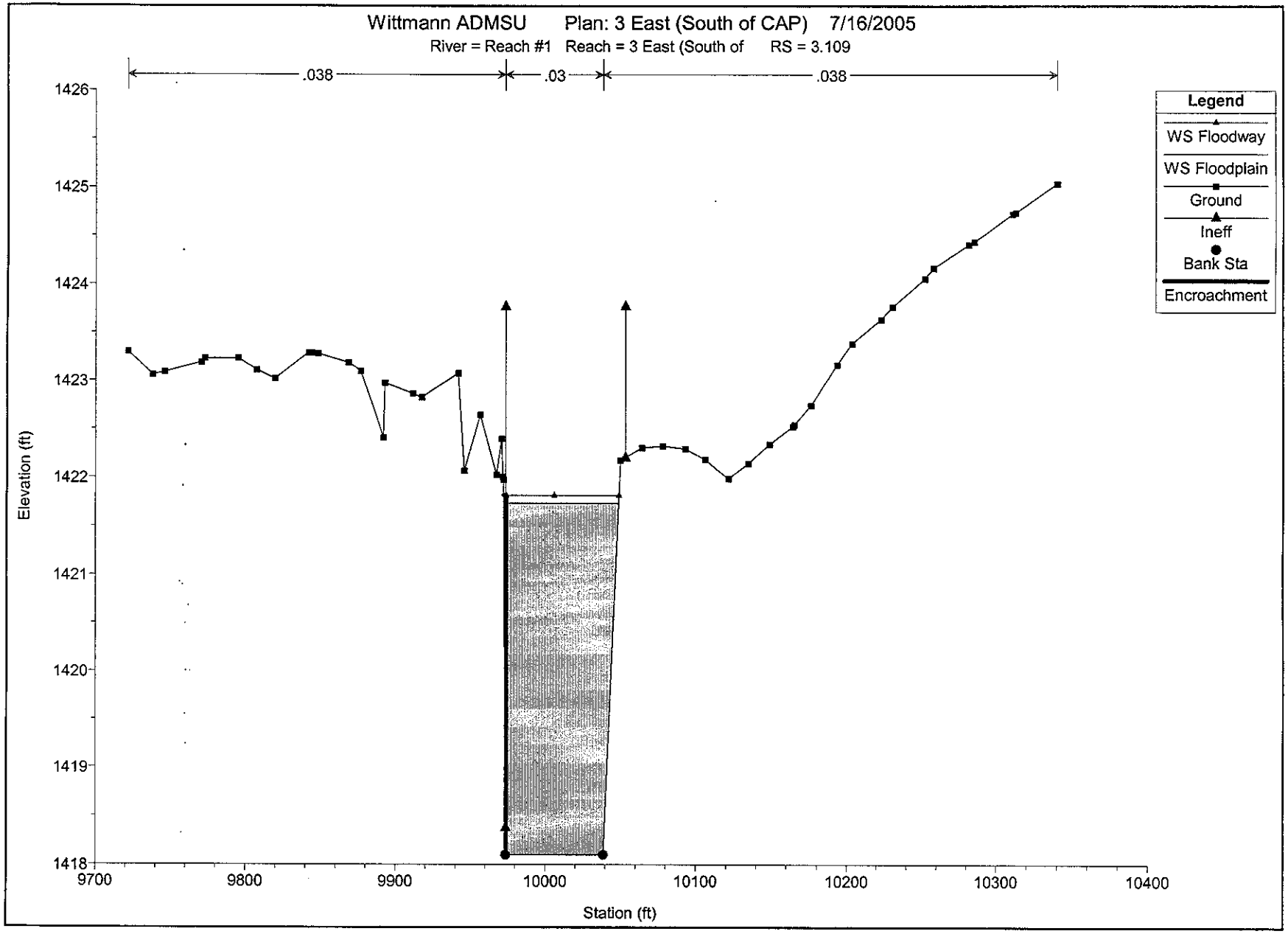

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.17
.038
.03
.038
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1428
1426
1424
1422
1420
1418
1416
9800
9900
10000
10100
10200
10300
Station (ft)

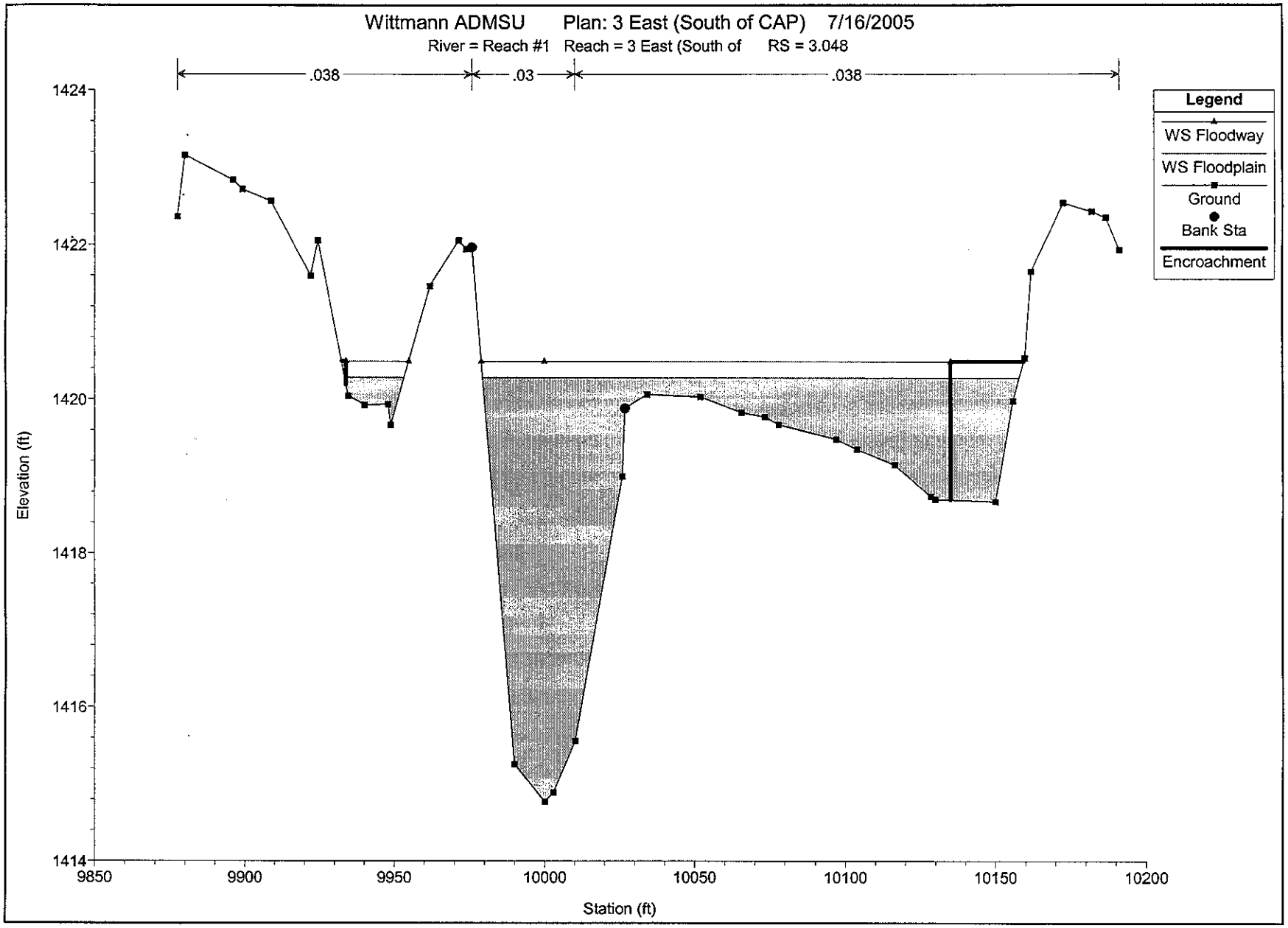

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.157
.038
.03
.038
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1425
1424
1423
1422
1421
1420
1419
1418
9800
9900
10000
10100
10200
10300
10400
Station (ft)

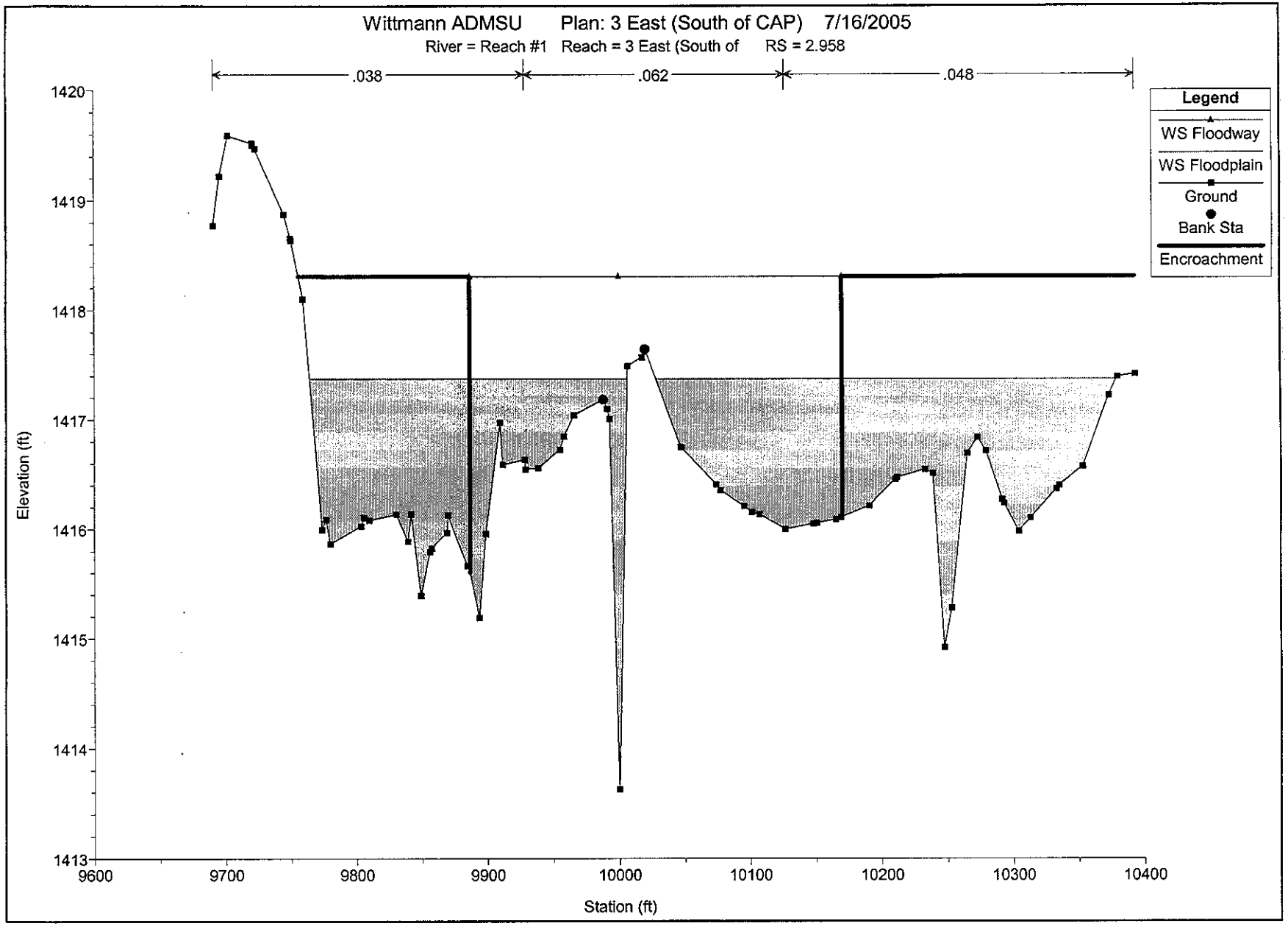

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.151
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1428
1426
1424
1422
1420
1418
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

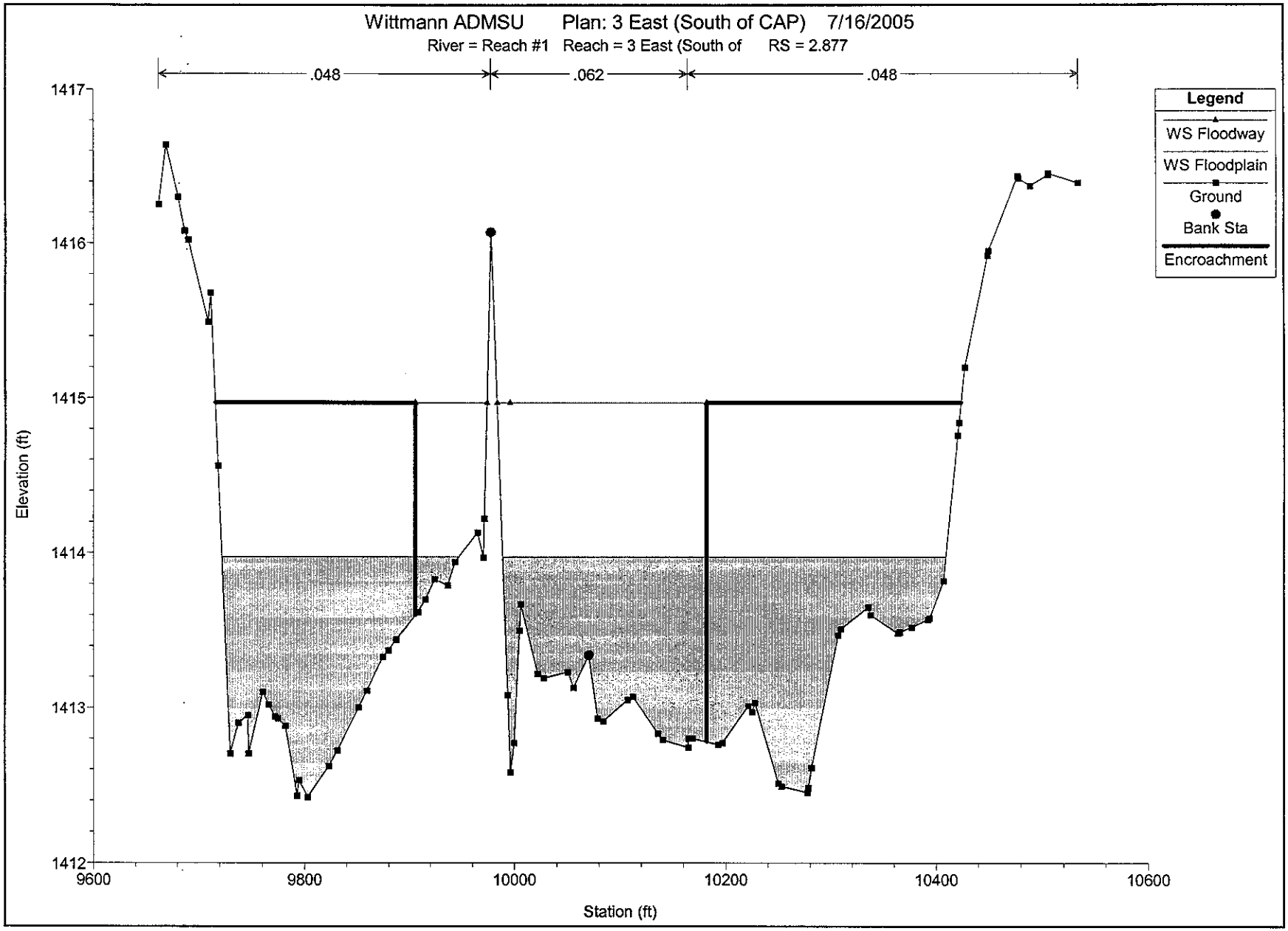

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.13 Culv
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1428
1426
1424
1422
1420
1418
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

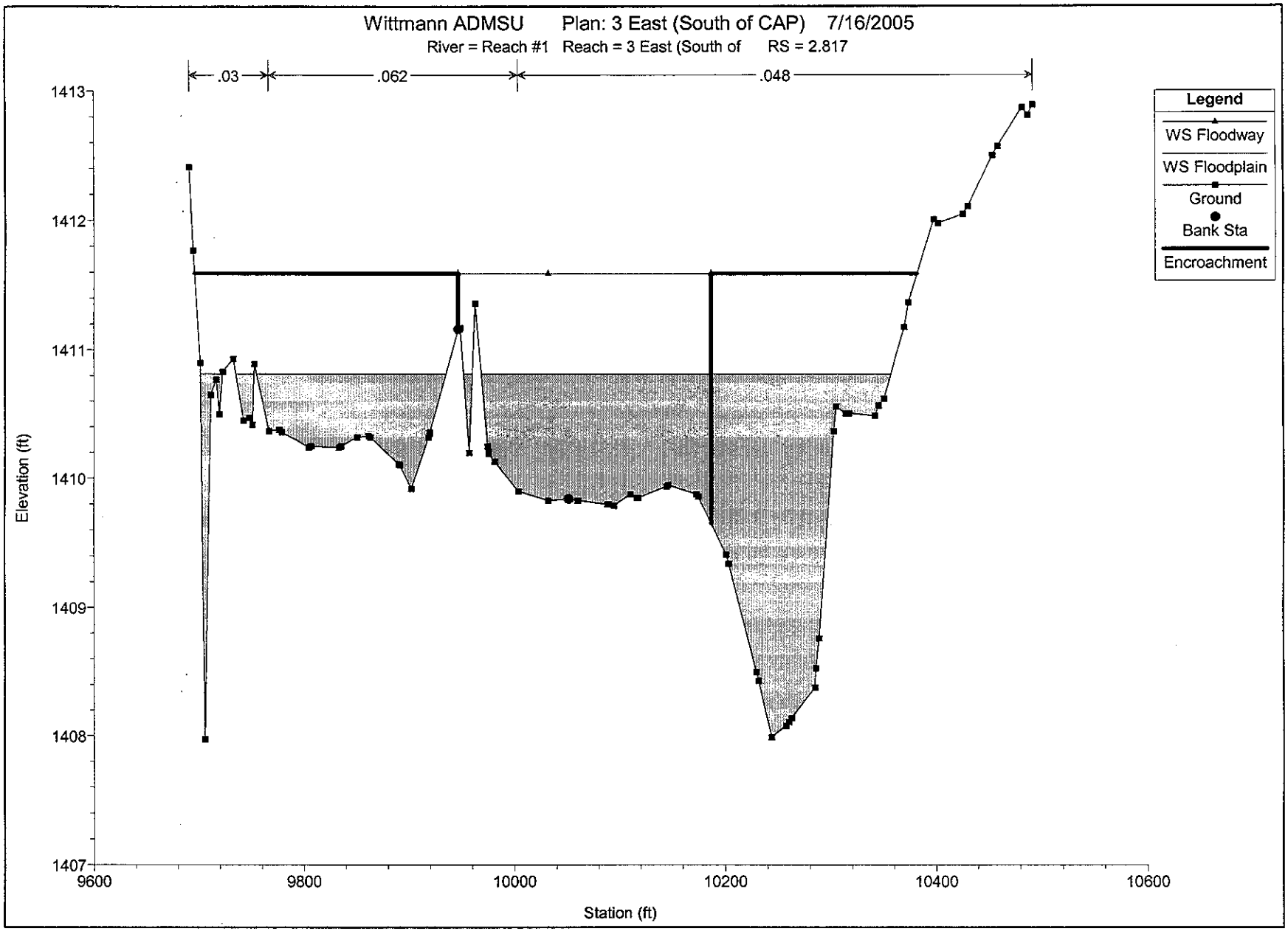

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.13 Culv
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1426
1424
1422
1420
1418
1416
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

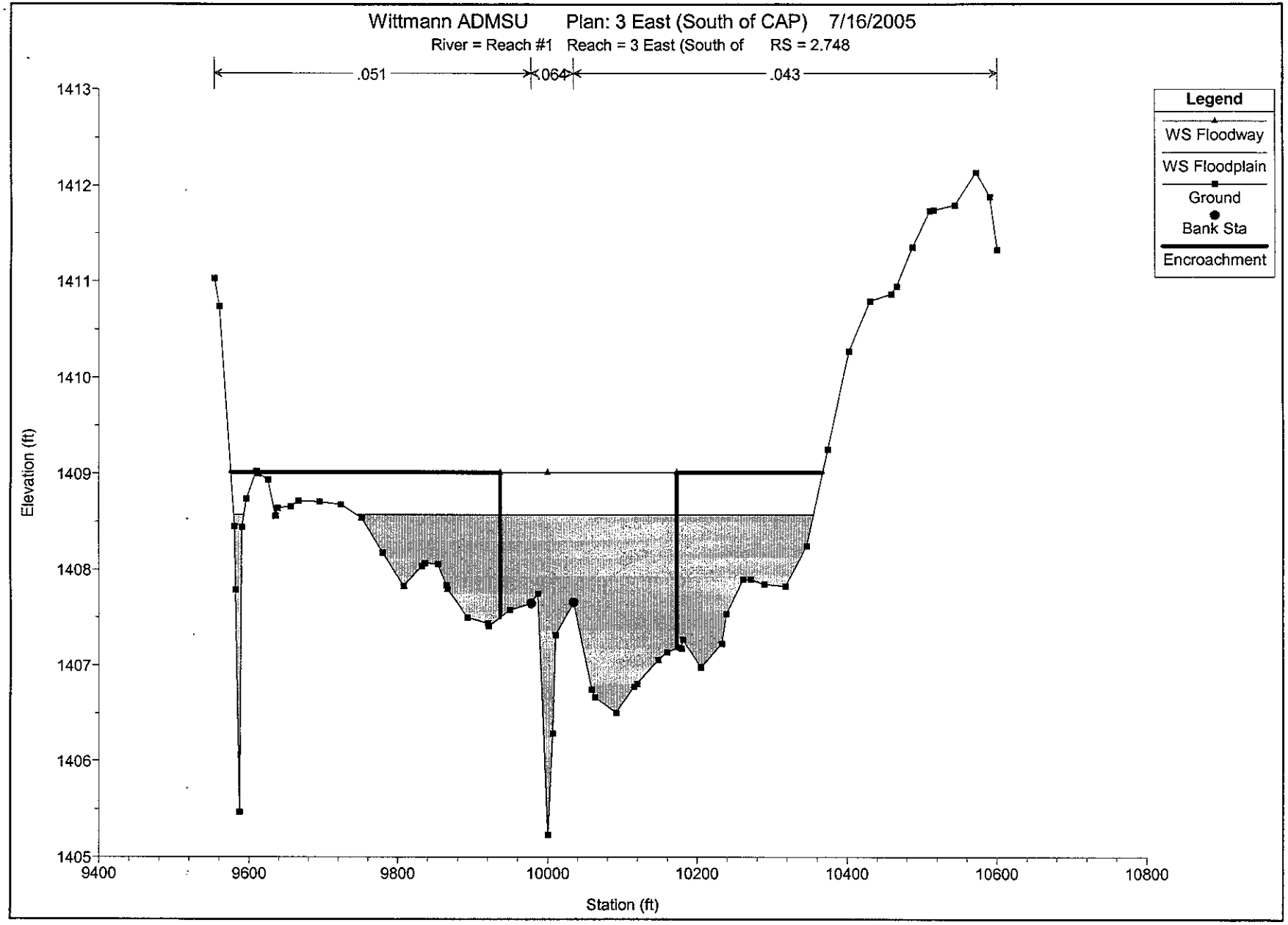

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.109
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1426
1425
1424
1423
1422
1421
1420
1419
1418
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

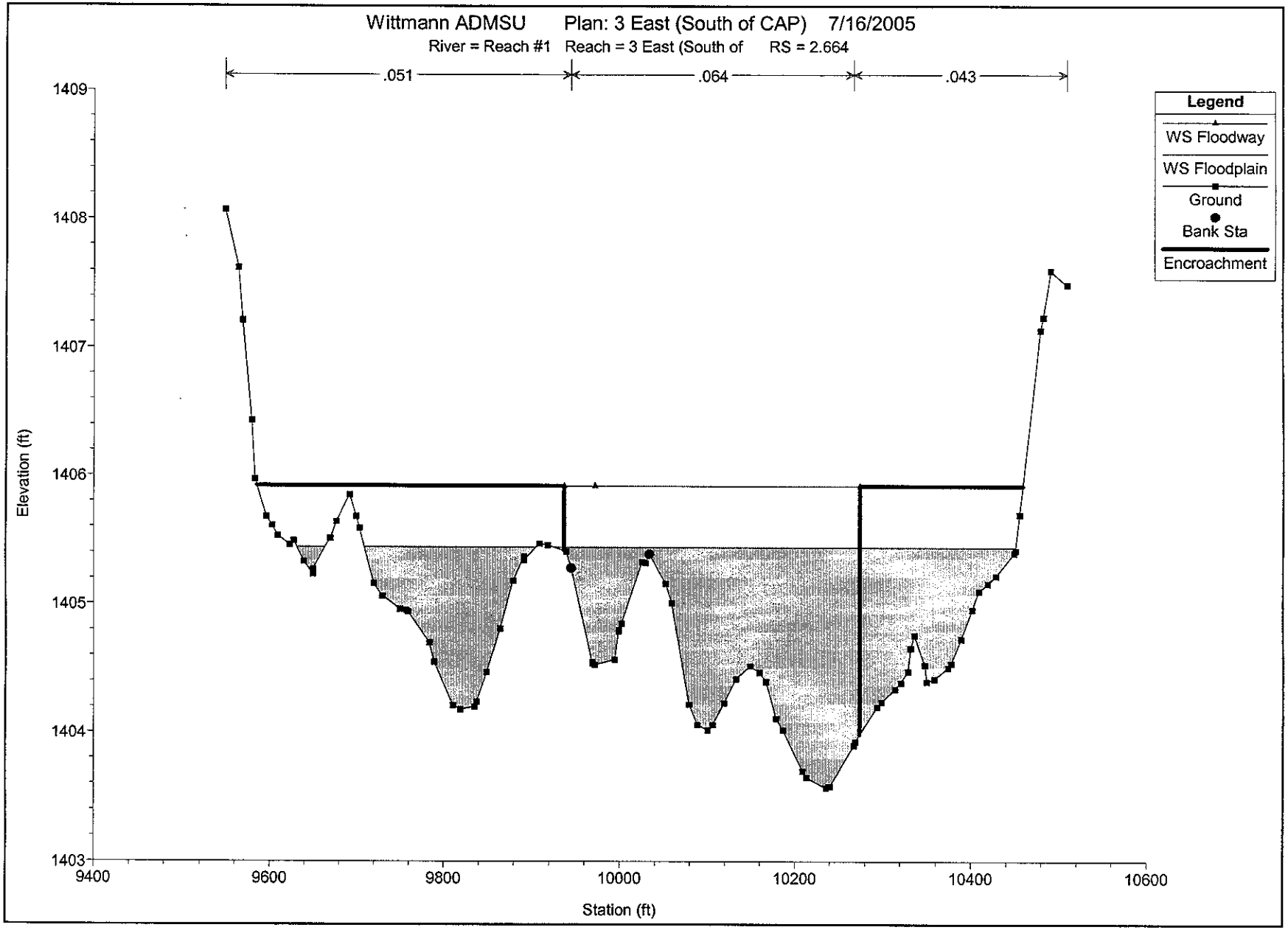

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 3.048
.038
.03
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1424
1422
1420
1418
1416
1414
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

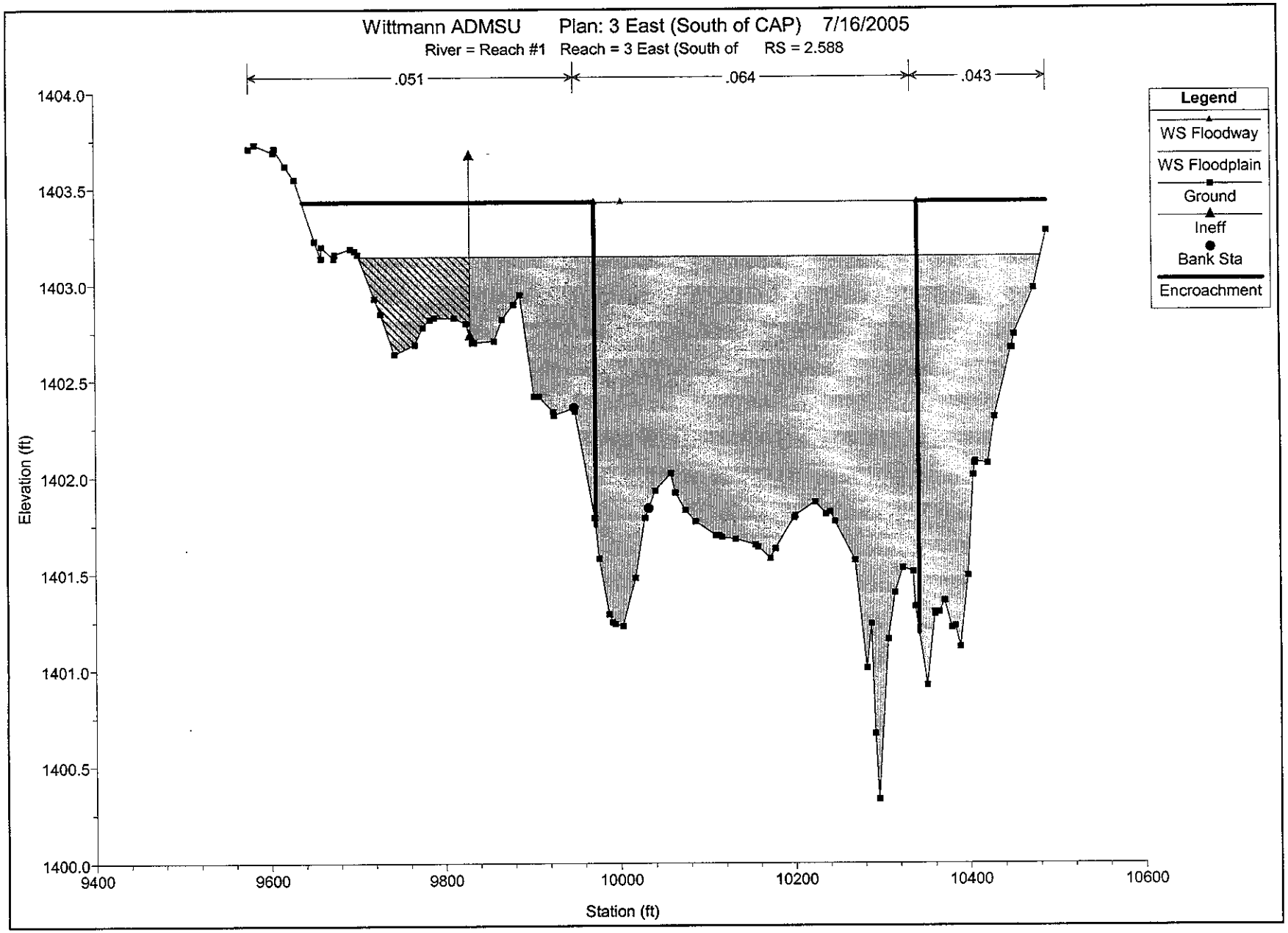

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.958
.038
.062
.048
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1420
1419
1418
1417
1416
1415
1414
1413
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

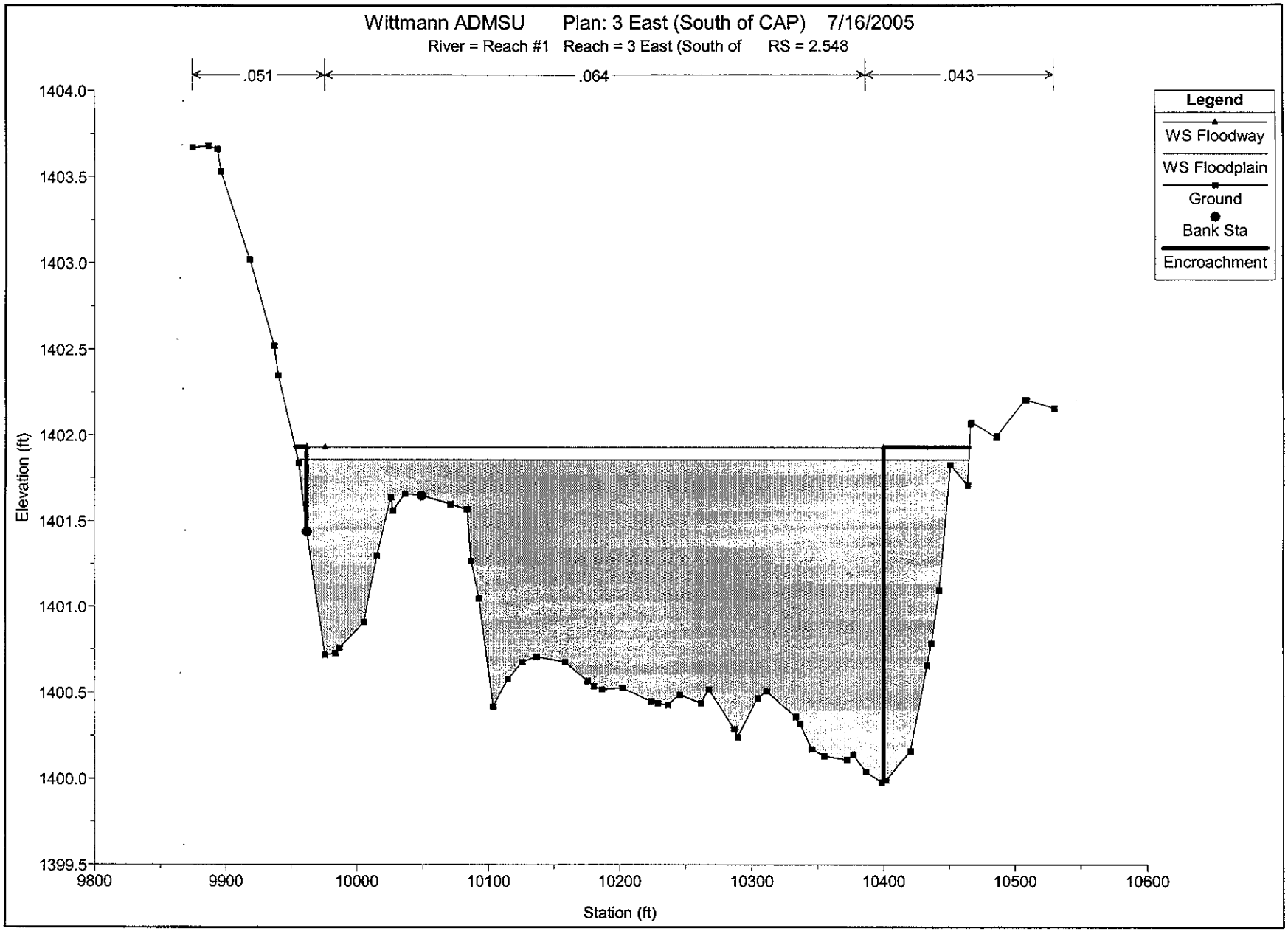

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.877
.048
.062
.048
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1417
1416
1415
1414
1413
1412
9600
9800
10000
10200
10400
10600
Station (ft)

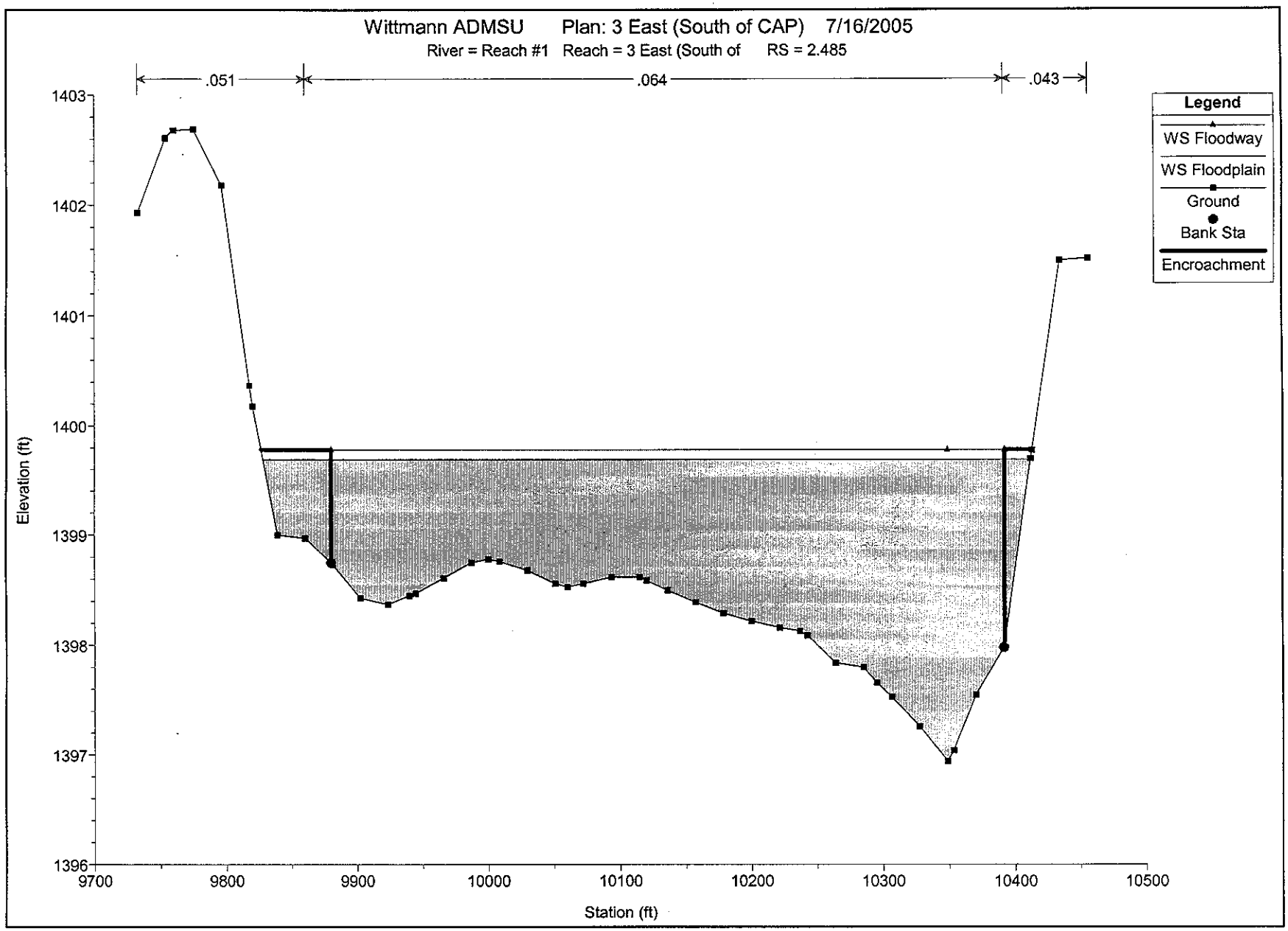

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.817
.03
.062
.048
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1413
1412
1411
1410
1409
1408
1407
9600
9800
10000
10200
10400
10600
Station (ft)

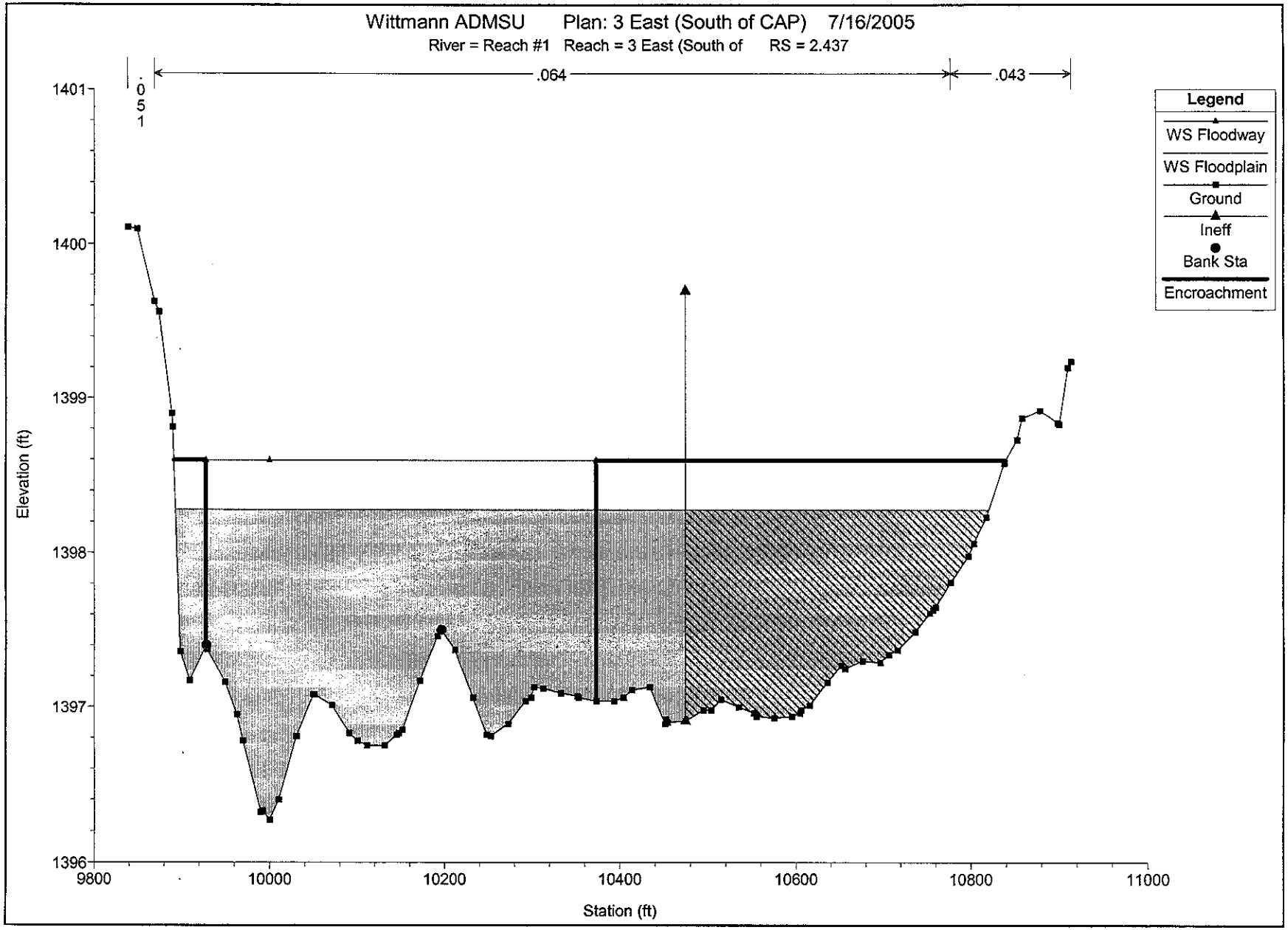

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.748
.051
.064
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1413
1412
1411
1410
1409
1408
1407
1406
1405
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

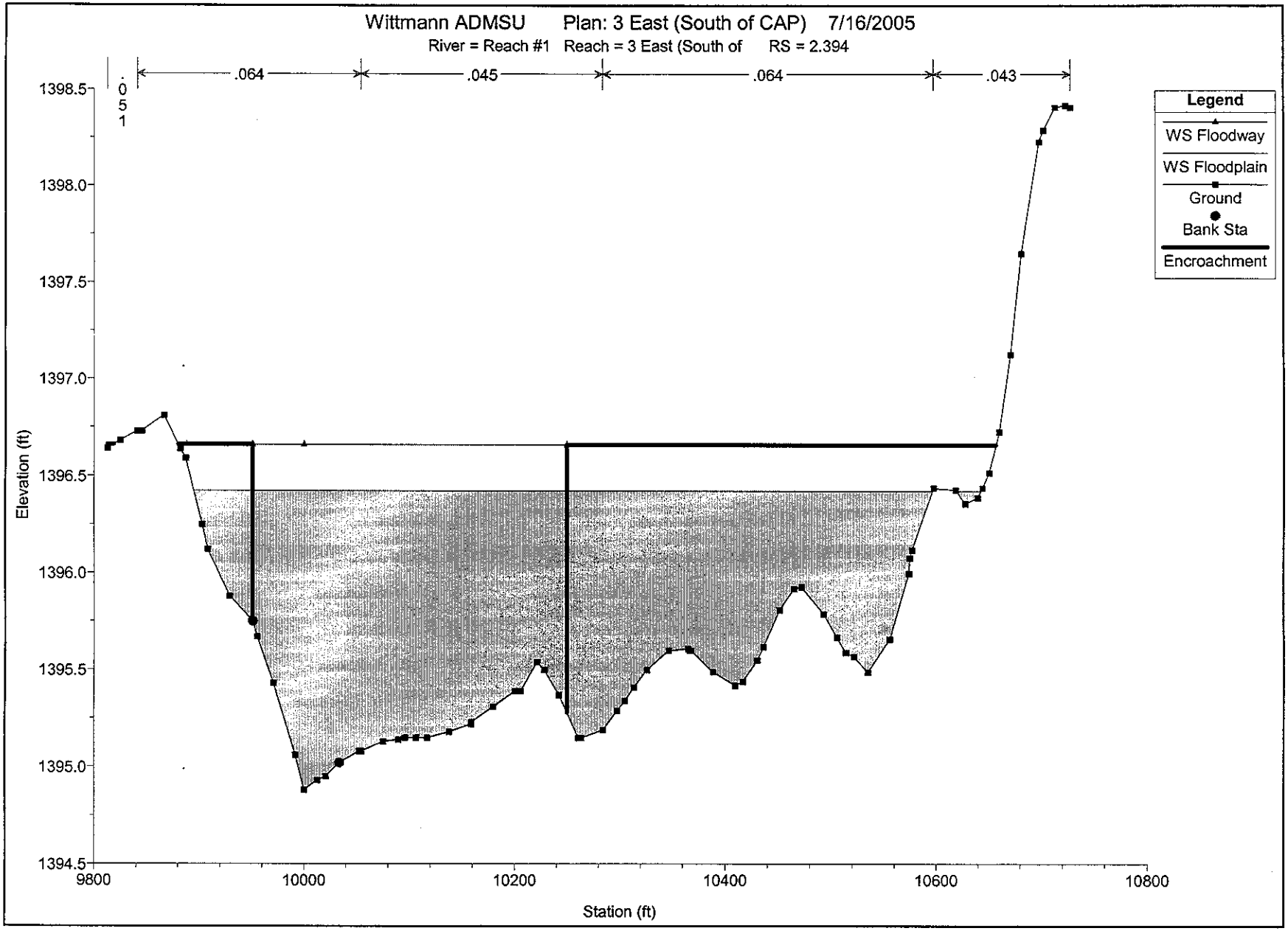

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.664
.051
.064
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1409
1408
1407
1406
1405
1404
1403
9400
9600
9800
10000
10200
10400
10600
Station (ft)

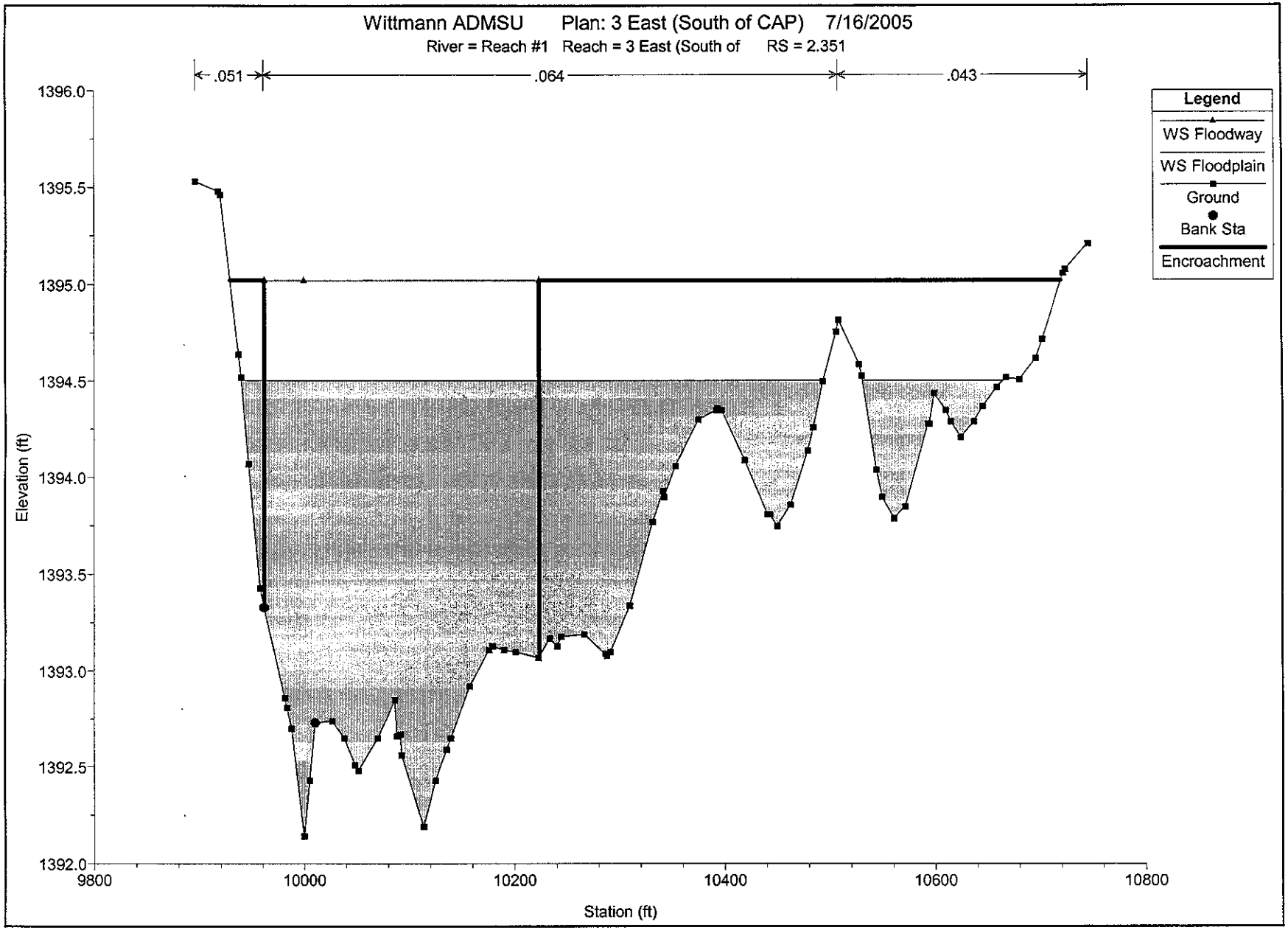

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.588
.051
.064
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1404.0
1403.5
1403.0
1402.5
1402.0
1401.5
1401.0
1400.5
1400.0
9400
9600
9800
10000
10200
10400
10600
Station (ft)

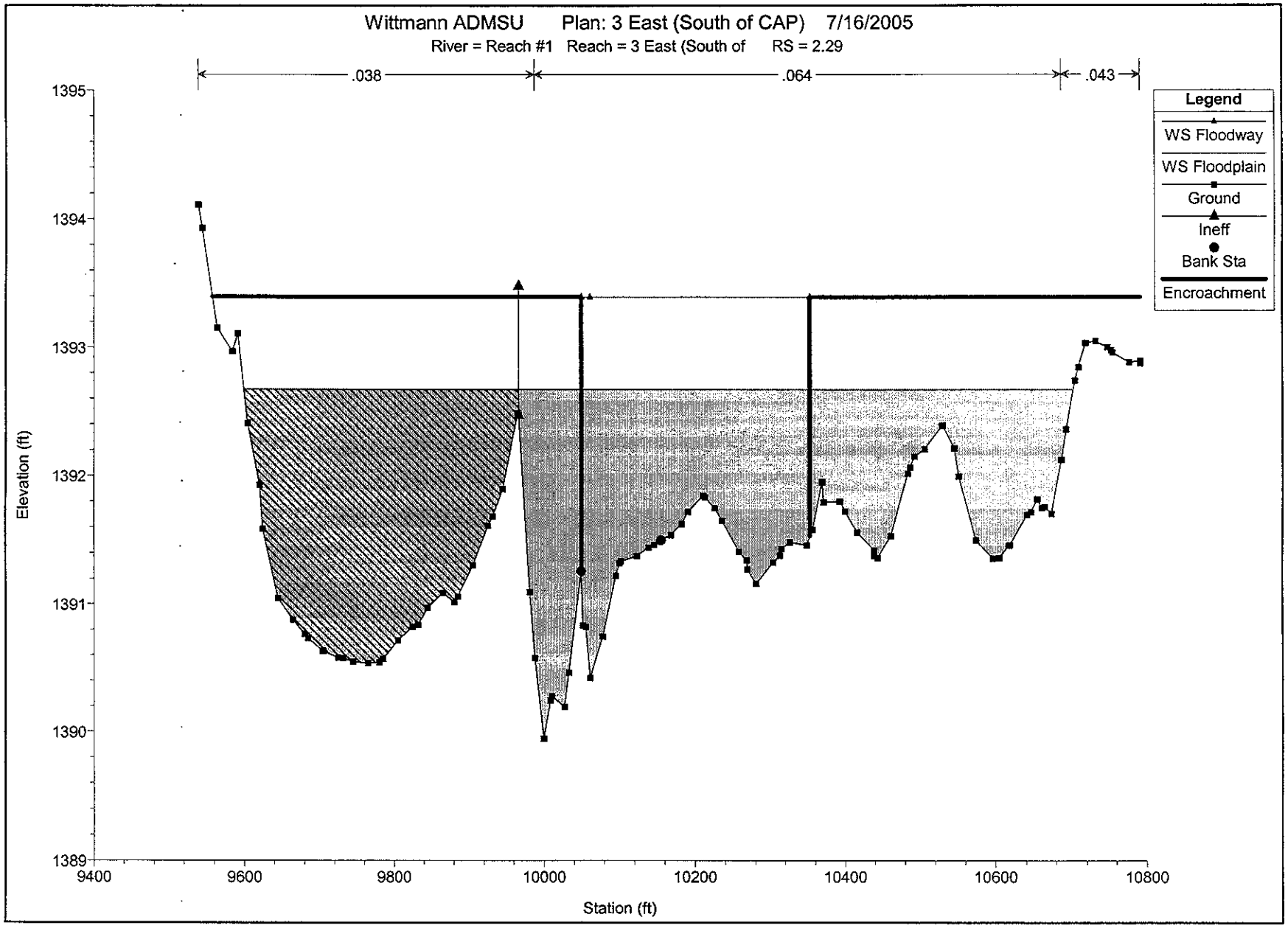

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.548
.051
.064
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1404.0
1403.5
1403.0
1402.5
1402.0
1401.5
1401.0
1400.5
1400.0
1399.5
9800
9900
10000
10100
10200
10300
10400
10500
10600
Station (ft)

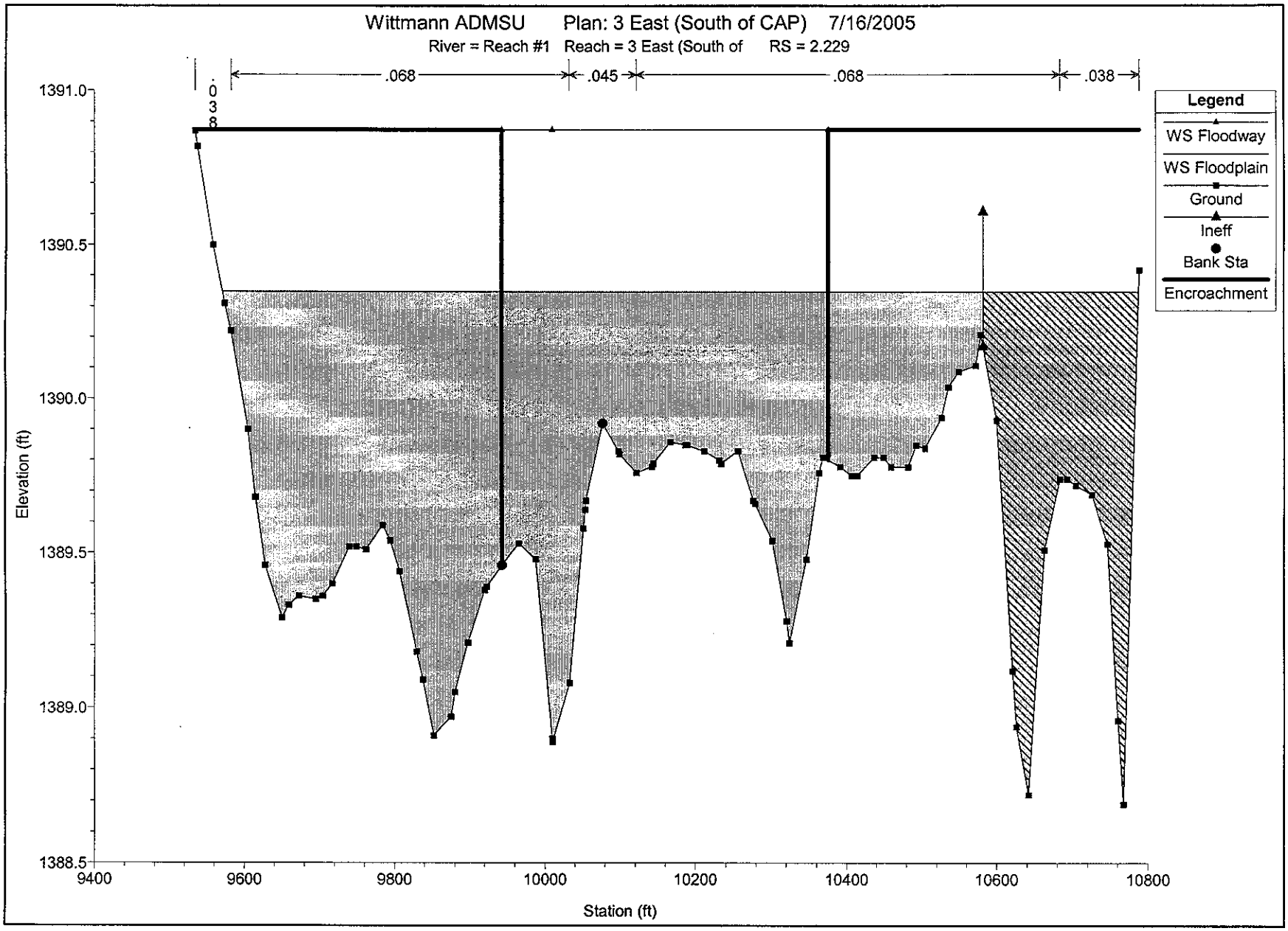

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.485
.051
.064
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1403
1402
1401
1400
1399
1398
1397
1396
9700
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

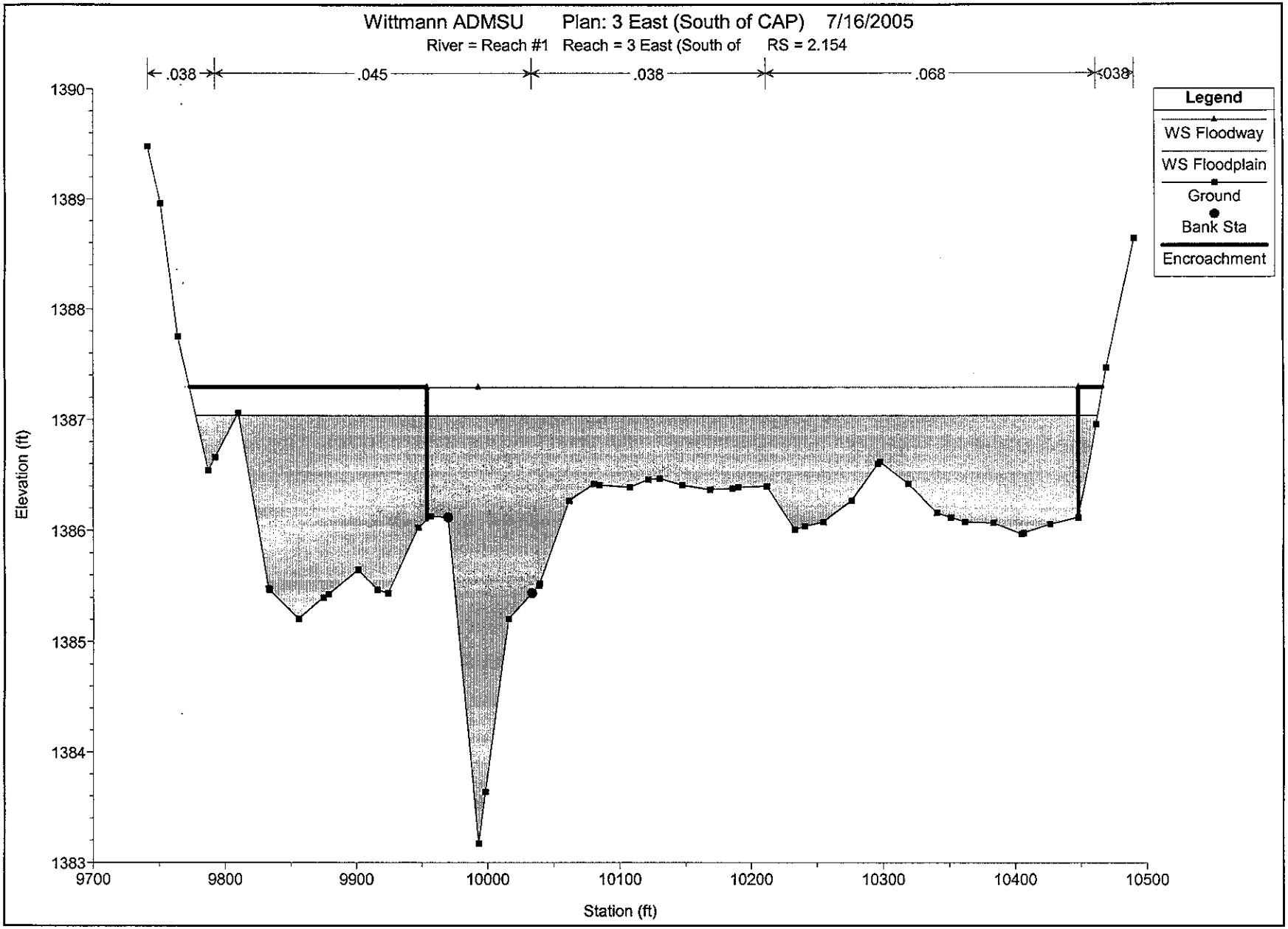

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.437
.051
.064
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1401
1400
1399
1398
1397
1396
9800
10000
10200
10400
10600
10800
11000
Station (ft)

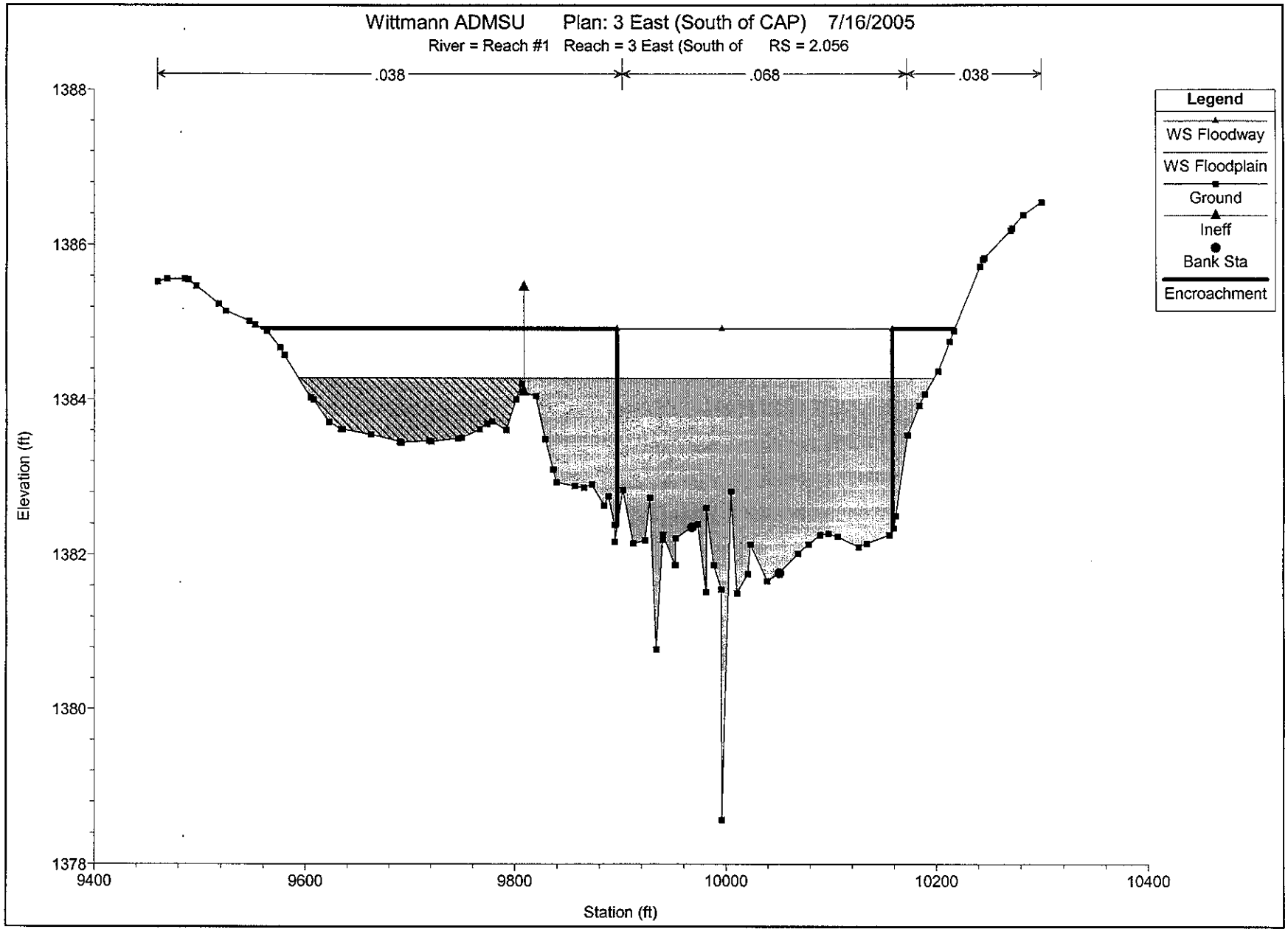

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.394
.051
.064
.045
.064
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1398.5
1398.0
1397.5
1397.0
1396.5
1396.0
1395.5
1395.0
1394.5
9800
10000
10200
10400
10600
10800
Station (ft)

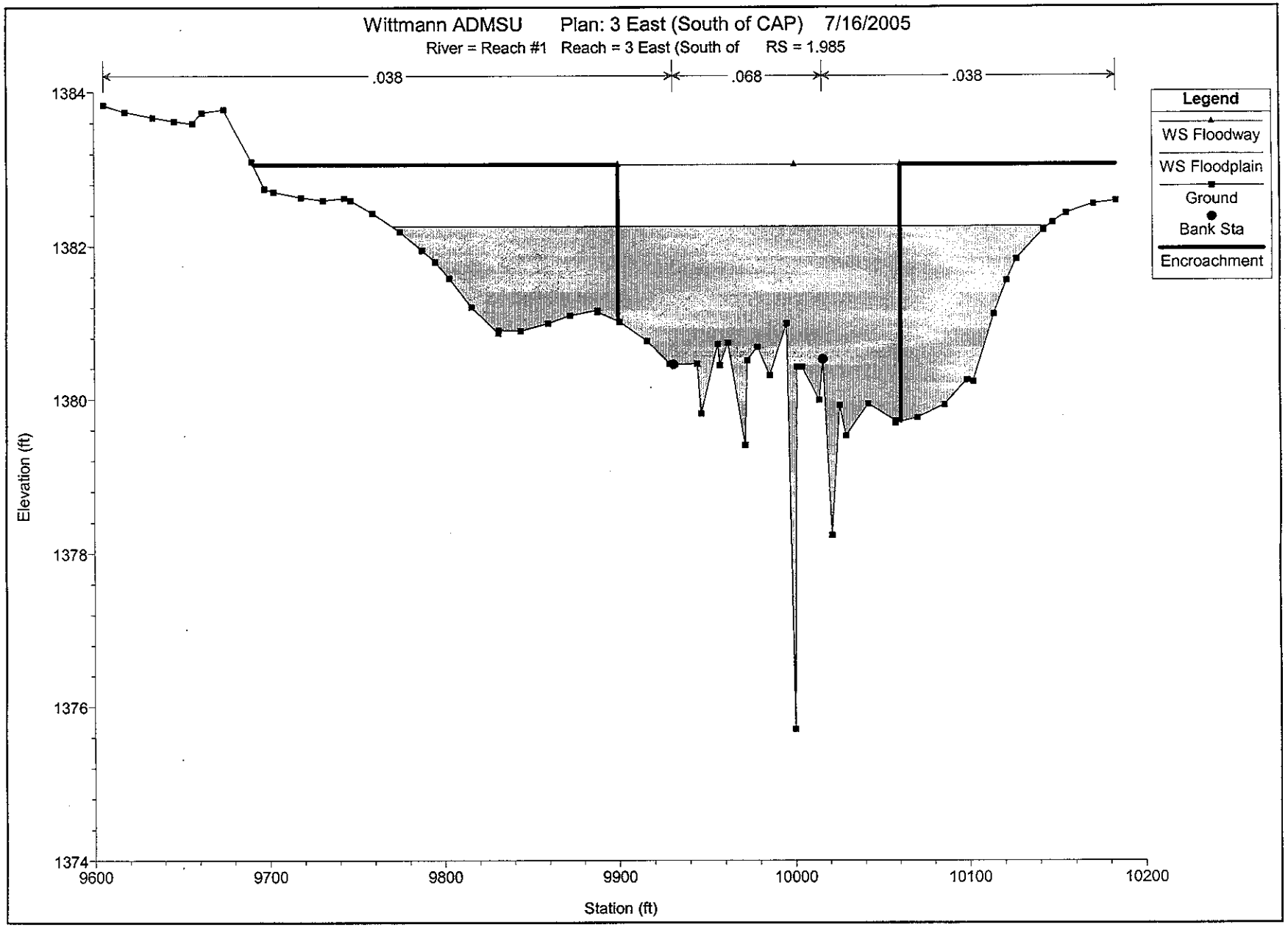

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.351
.051
.064
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1396.0
1395.5
1395.0
1394.5
1394.0
1393.5
1393.0
1392.5
1392.0
9800
10000
10200
10400
10600
10800
Station (ft)

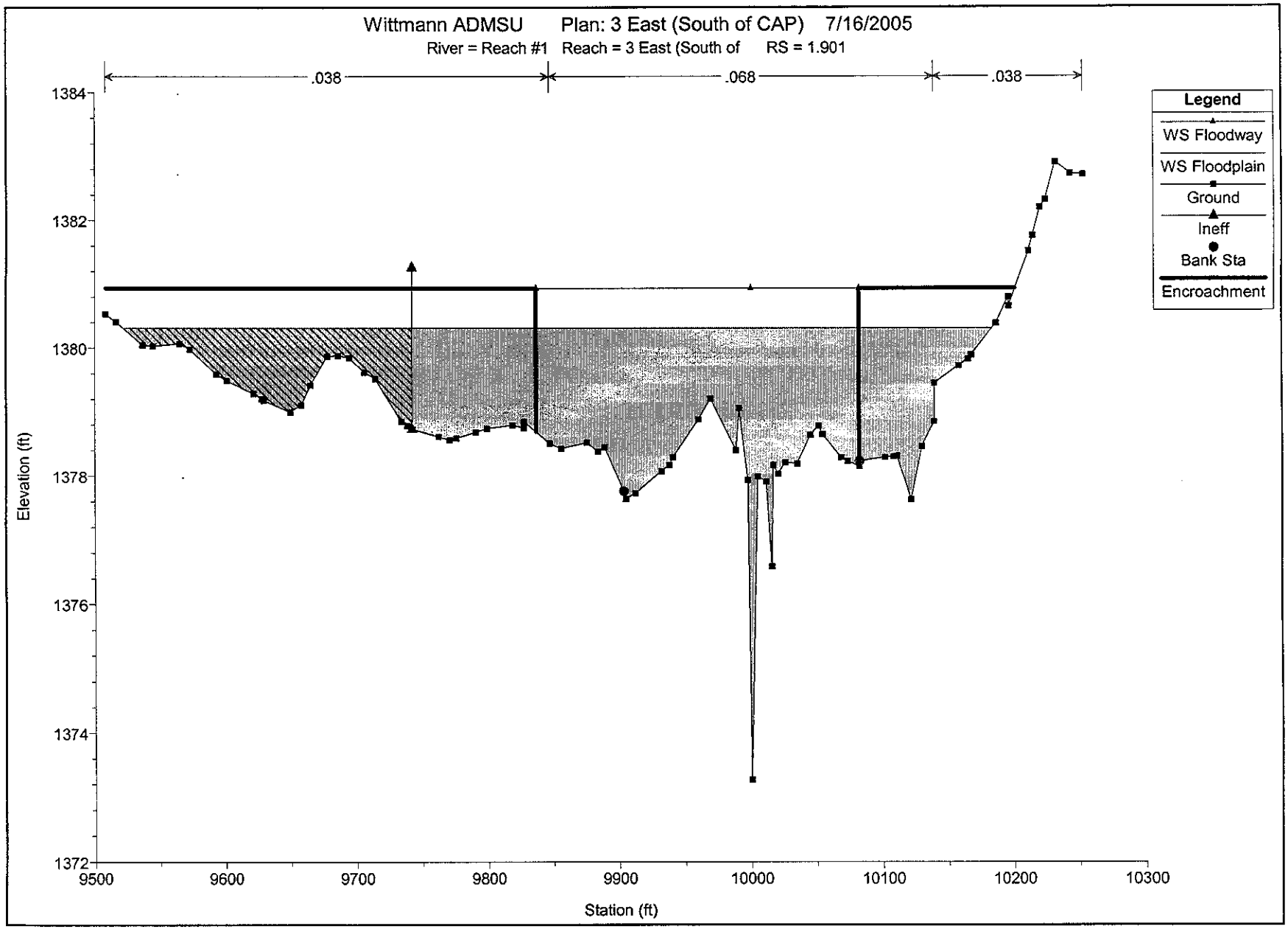

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.29
.038
.064
.043
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1395
1394
1393
1392
1391
1390
1389
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

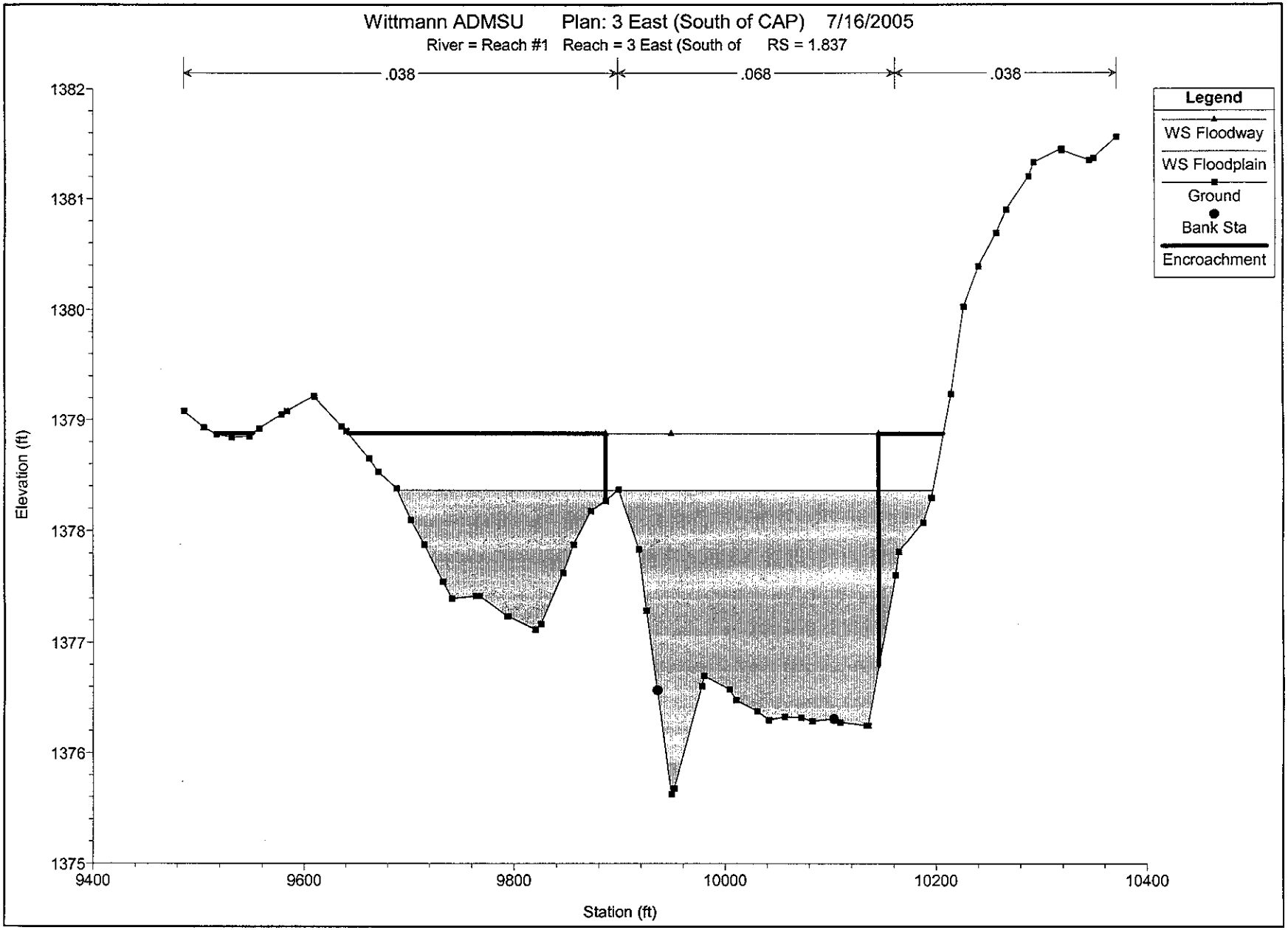

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.229
.038
.068
.045
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1391.0
1390.5
1390.0
1389.5
1389.0
1388.5
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

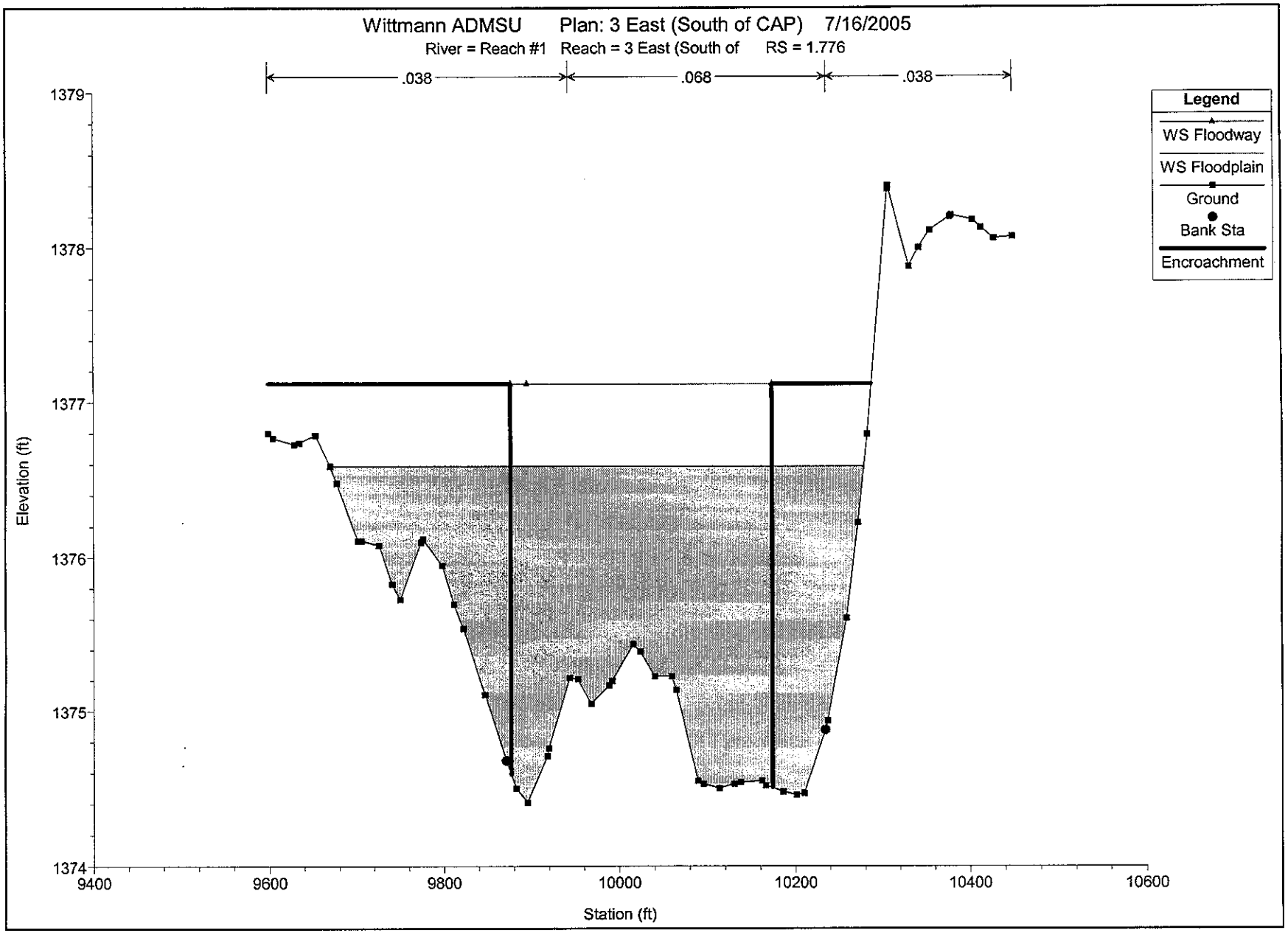

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.154
.038
.045
.038
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1390
1389
1388
1387
1386
1385
1384
1383
9700
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

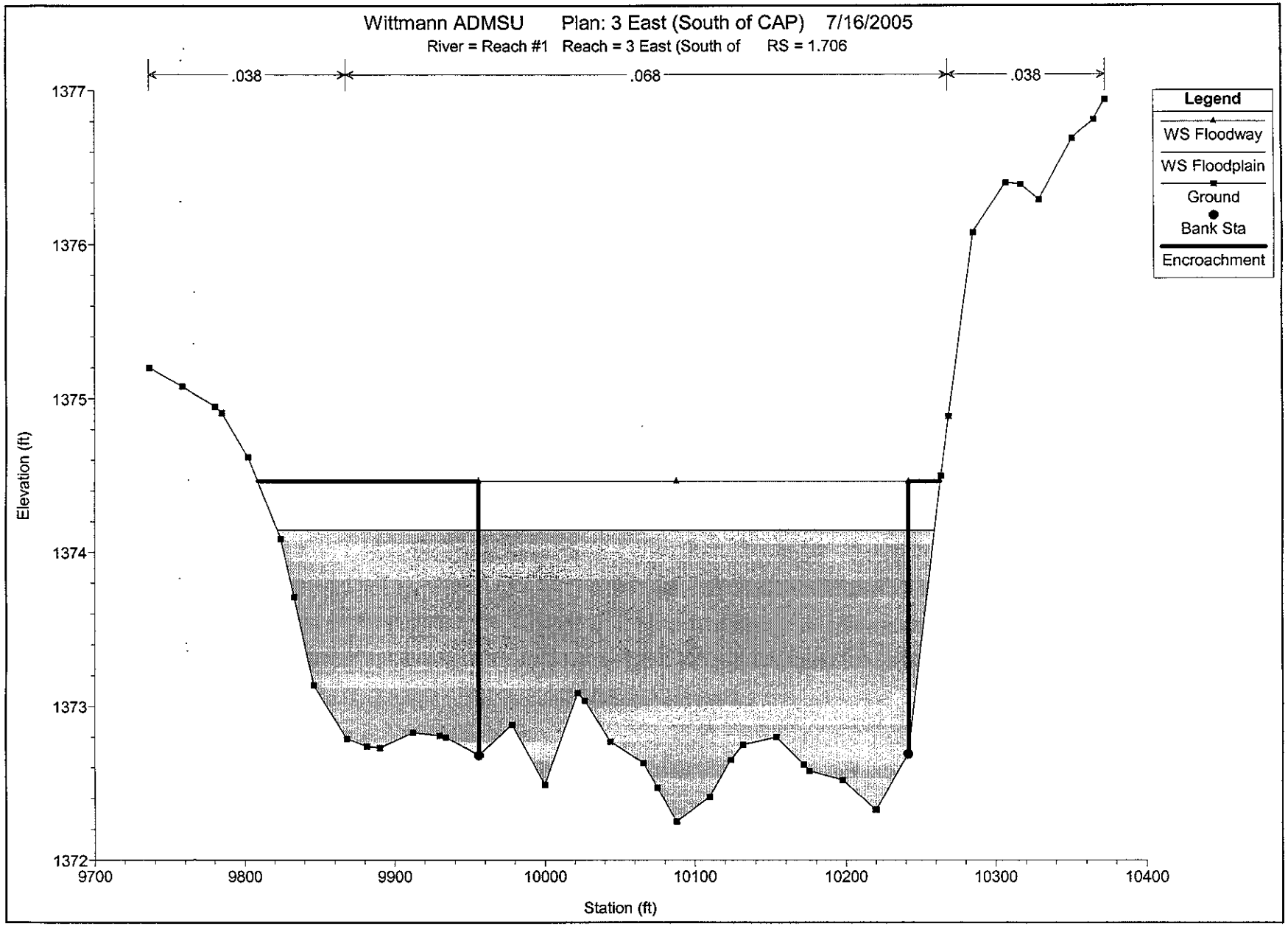

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 2.056
.038
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1388
1386
1384
1382
1380
1378
9400
9600
9800
10000
10200
10400
Station (ft)

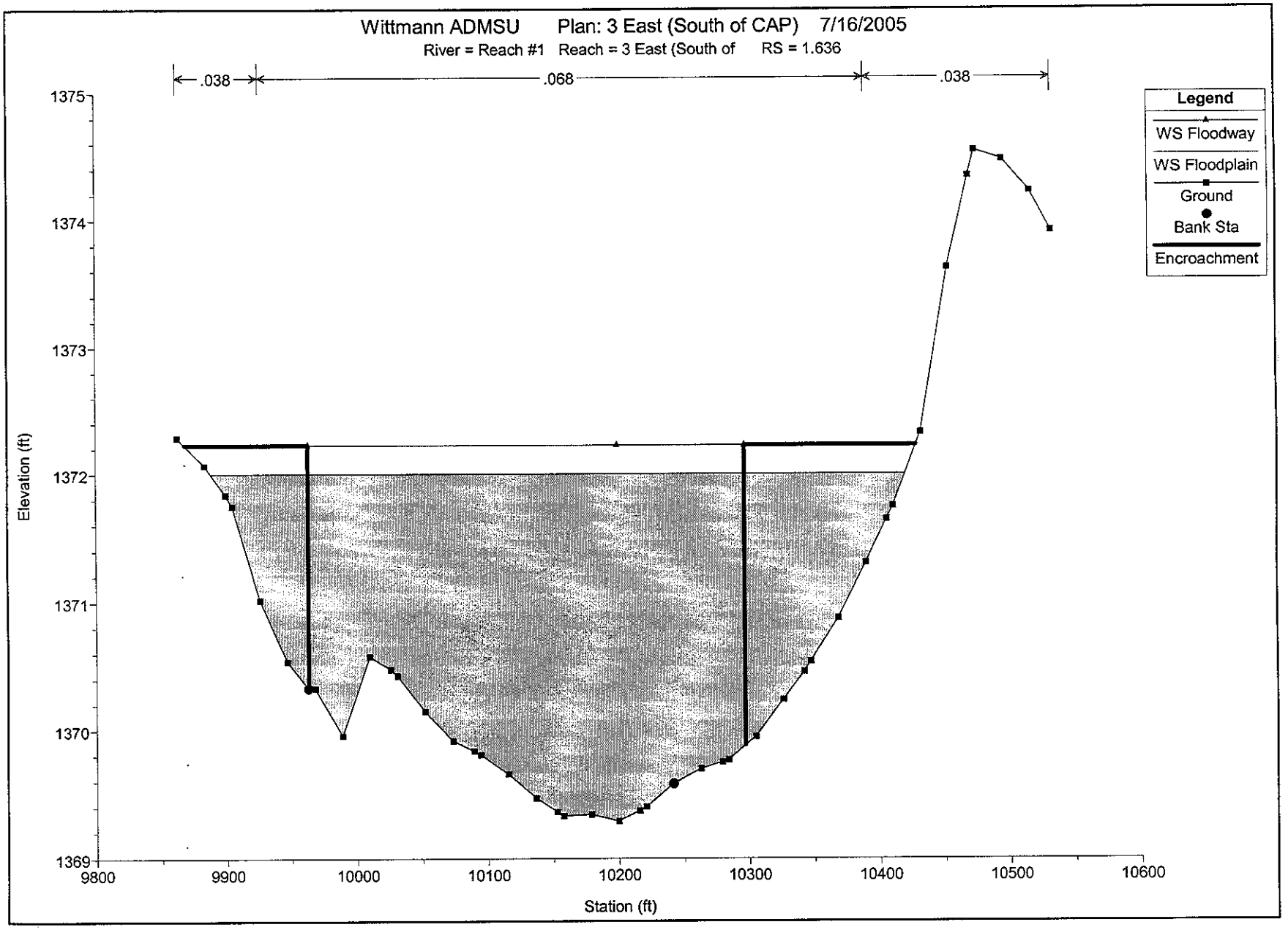

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.985
.038
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1384
1382
1380
1378
1376
1374
9600
9700
9800
9900
10000
10100
10200
Station (ft)

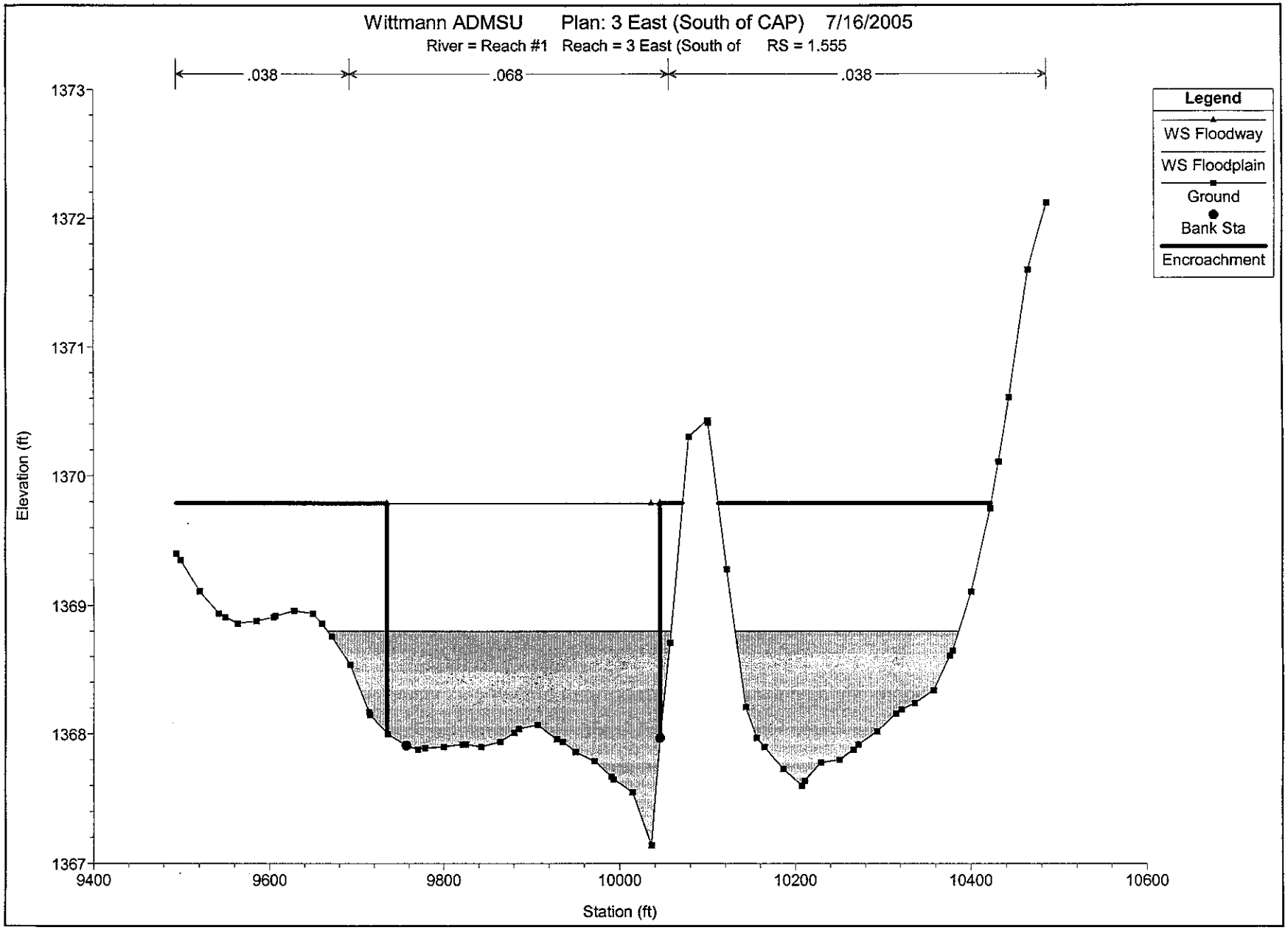

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.901
.038
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1384
1382
1380
1378
1376
1374
1372
9500
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

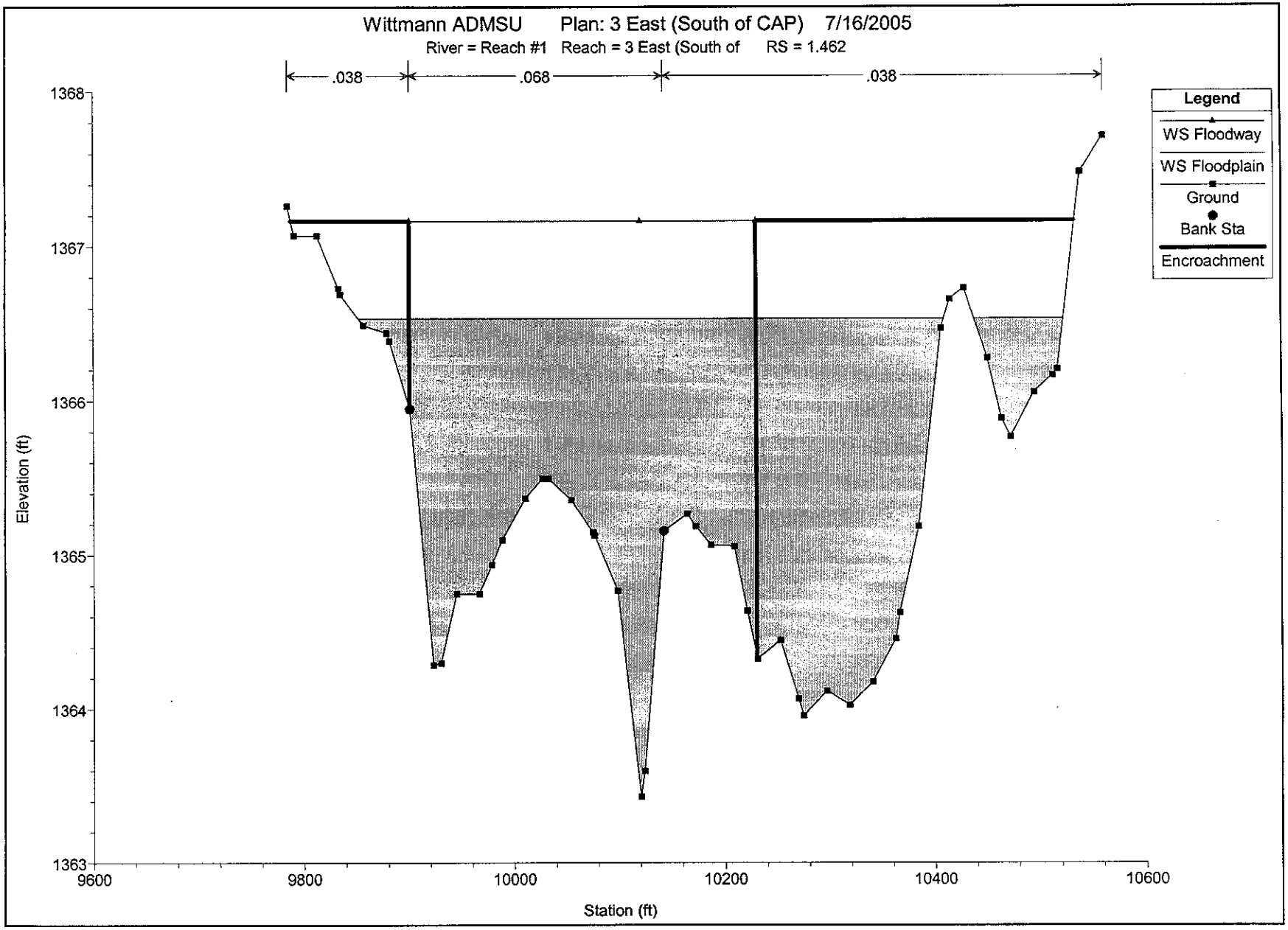

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.837
.038
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1382
1381
1380
1379
1378
1377
1376
1375
9400
9600
9800
10000
10200
10400
Station (ft)

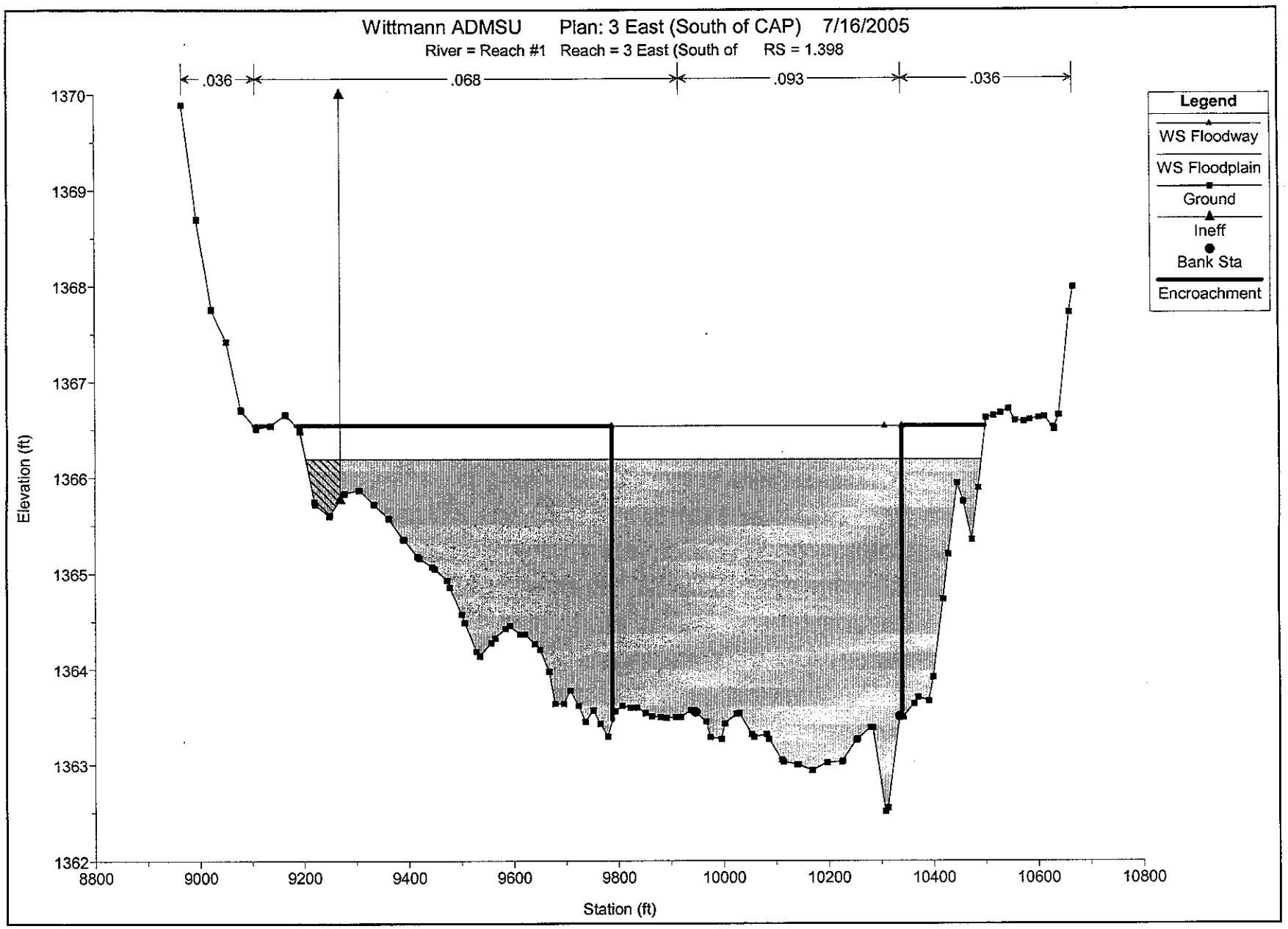

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.776
.038
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1379
1378
1377
1376
1375
1374
9400
9600
9800
10000
10200
10400
10600
Station (ft)

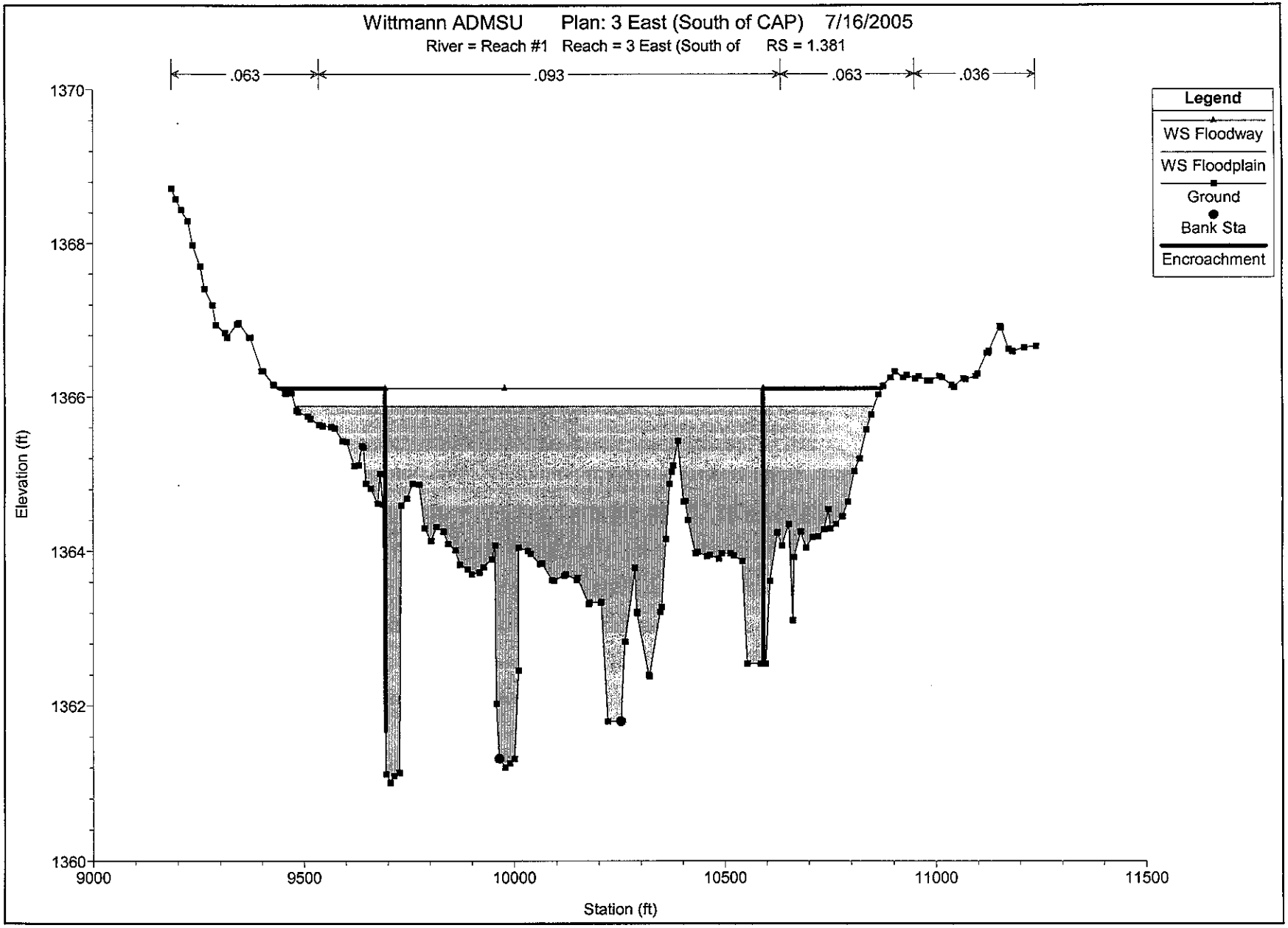

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.706
.038
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1377
1376
1375
1374
1373
1372
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

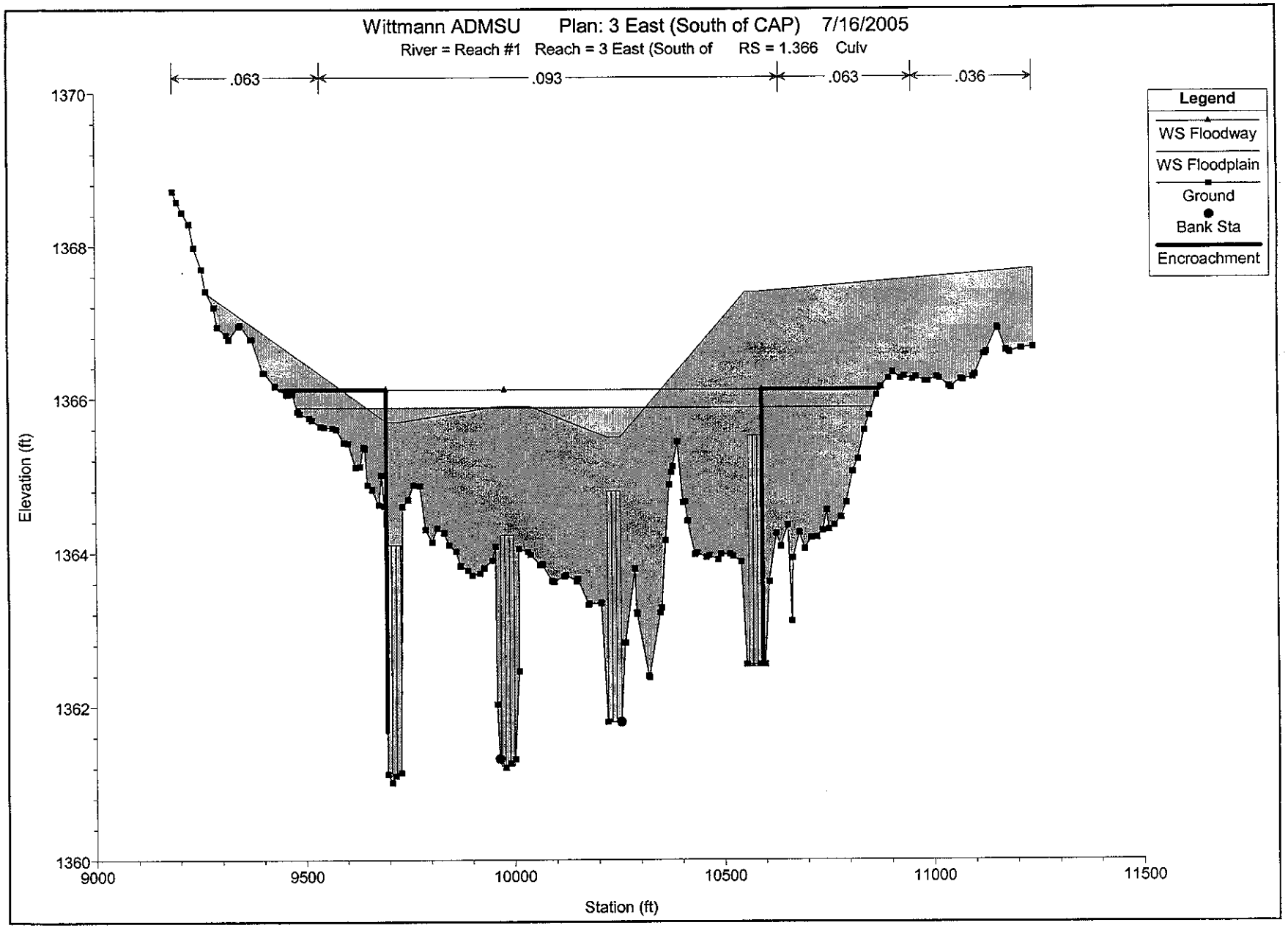

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.636
.038
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1375
1374
1373
1372
1371
1370
1369
9800
9900
10000
10100
10200
10300
10400
10500
10600
Station (ft)

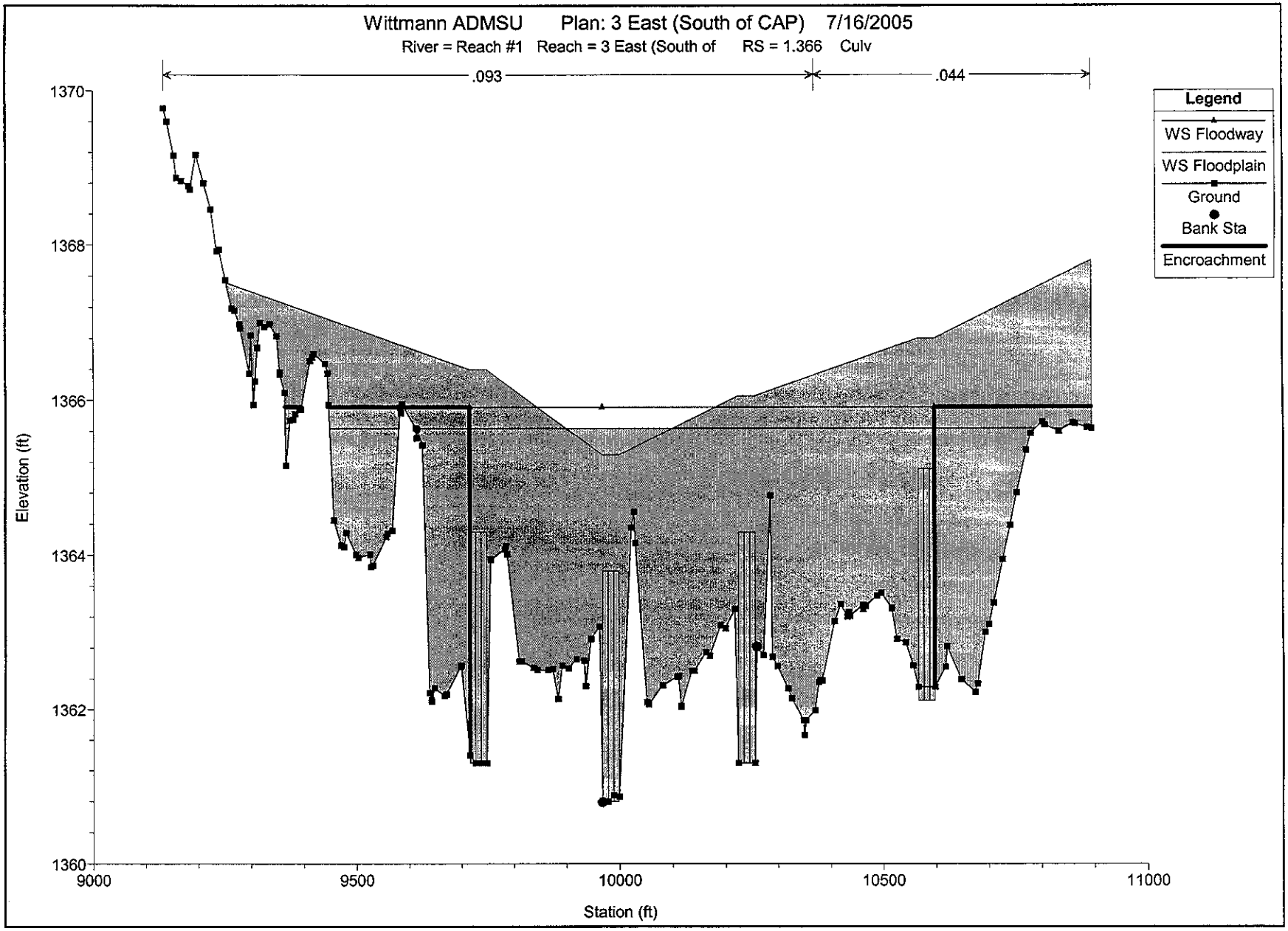

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.555
.038
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1373
1372
1371
1370
1369
1368
1367
9400
9600
9800
10000
10200
10400
10600
Station (ft)

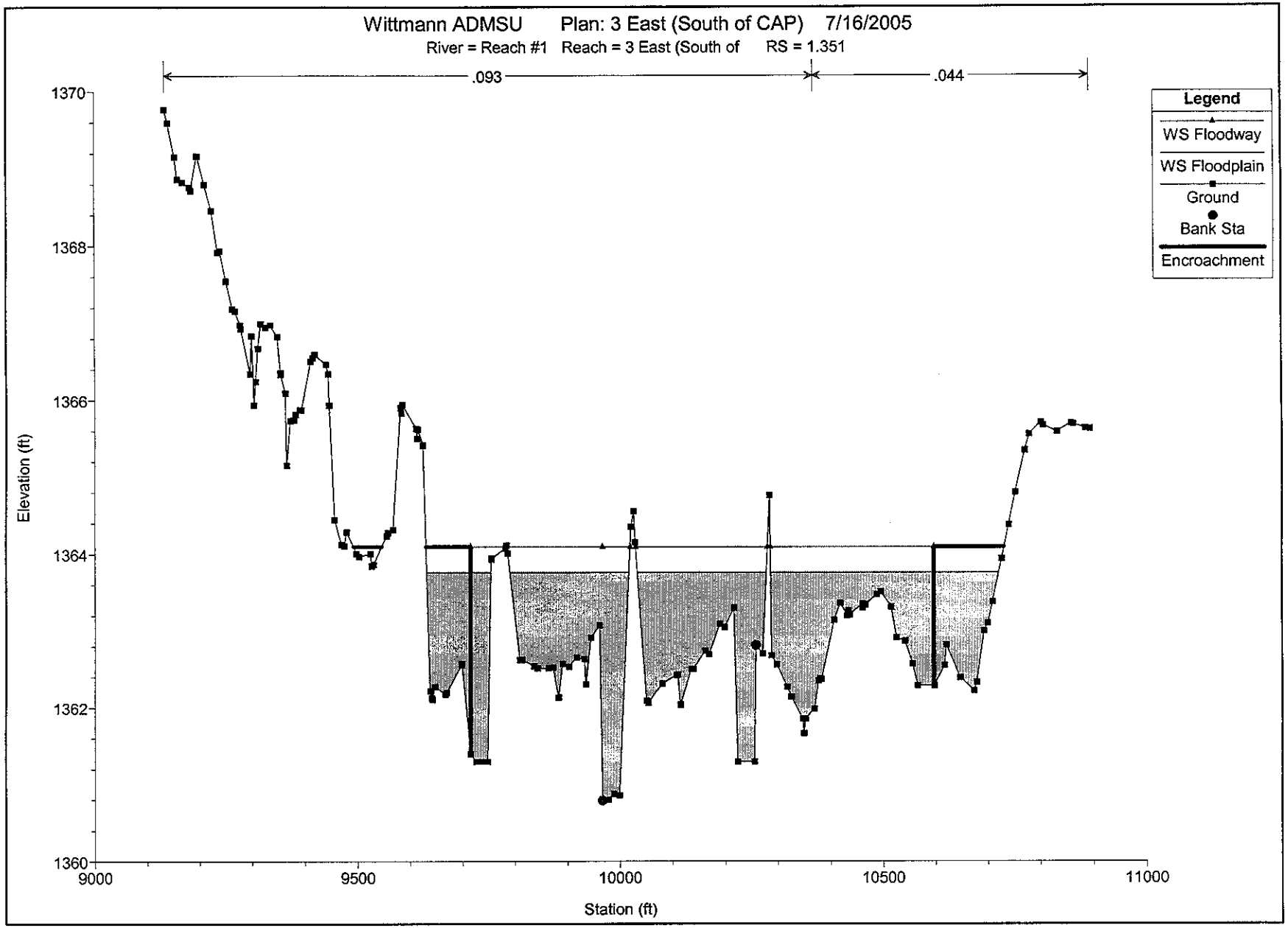

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.462
.038
.068
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1368
1367
1366
1365
1364
1363
9600
9800
10000
10200
10400
10600
Station (ft)

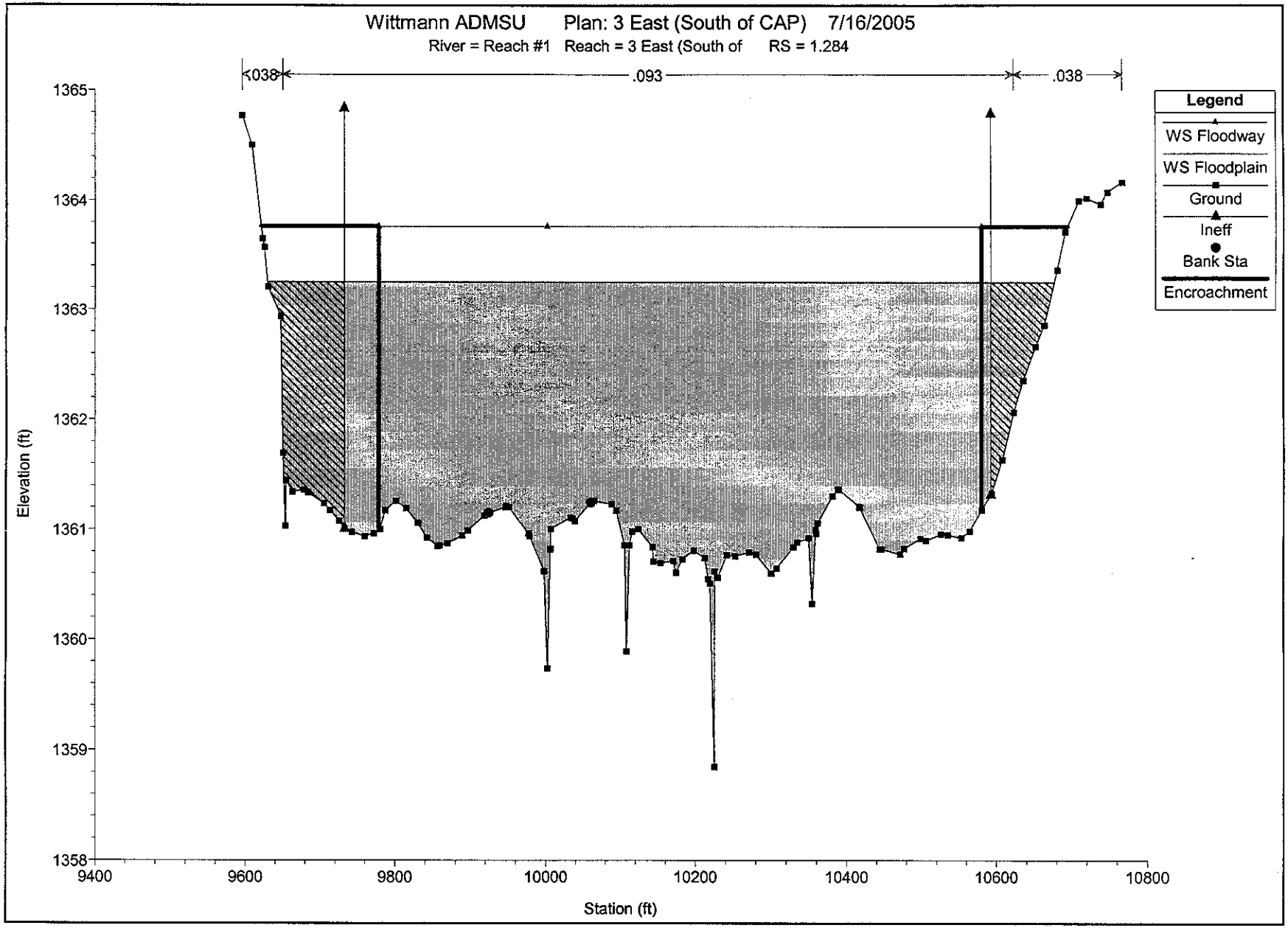

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.398
.036
.068
.093
.036
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1370
1369
1368
1367
1366
1365
1364
1363
1362
8800
9000
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

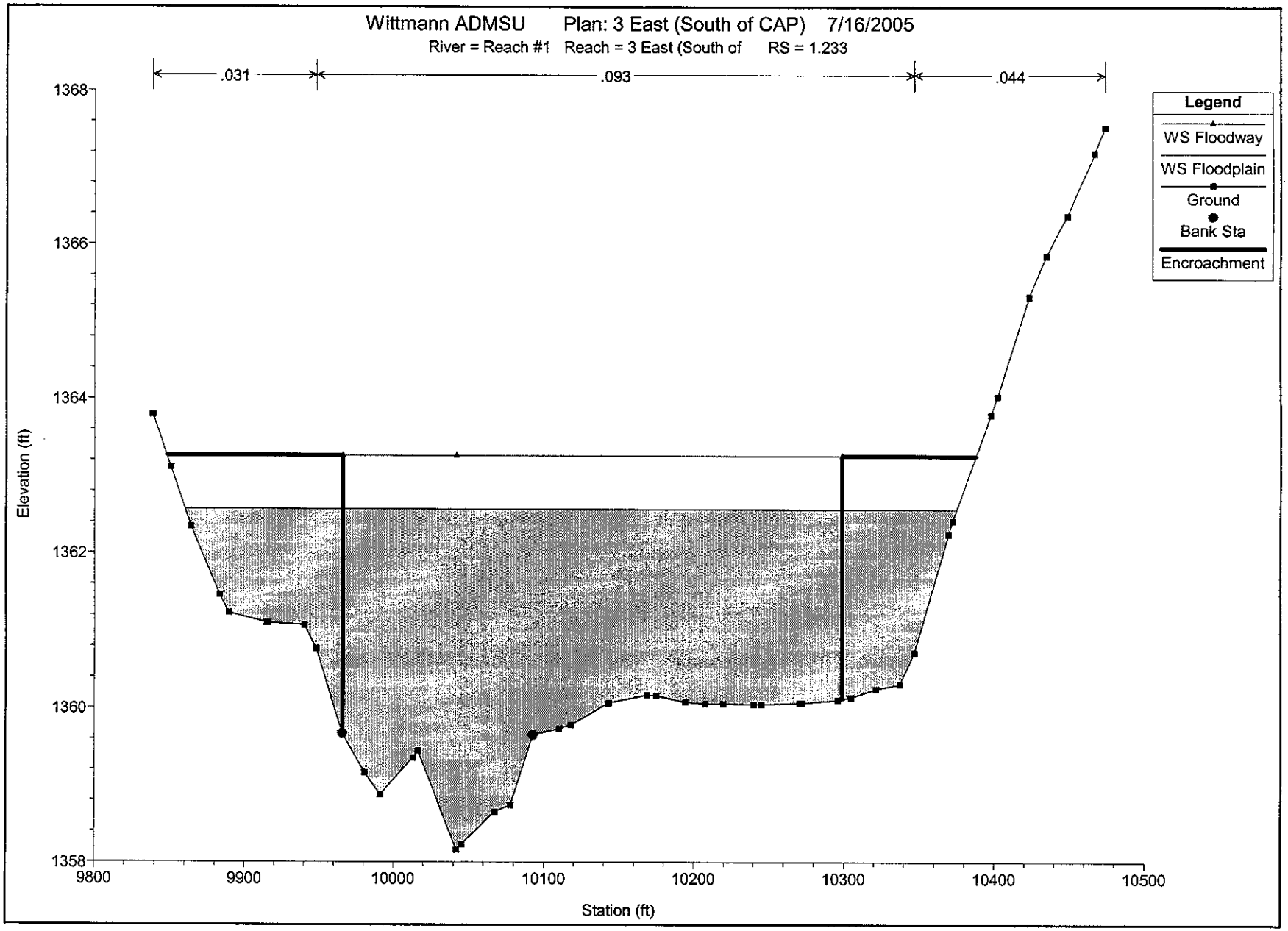

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.381
.063
.093
.063
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1370
1368
1366
1364
1362
1360
9000
9500
10000
10500
11000
11500
Station (ft)

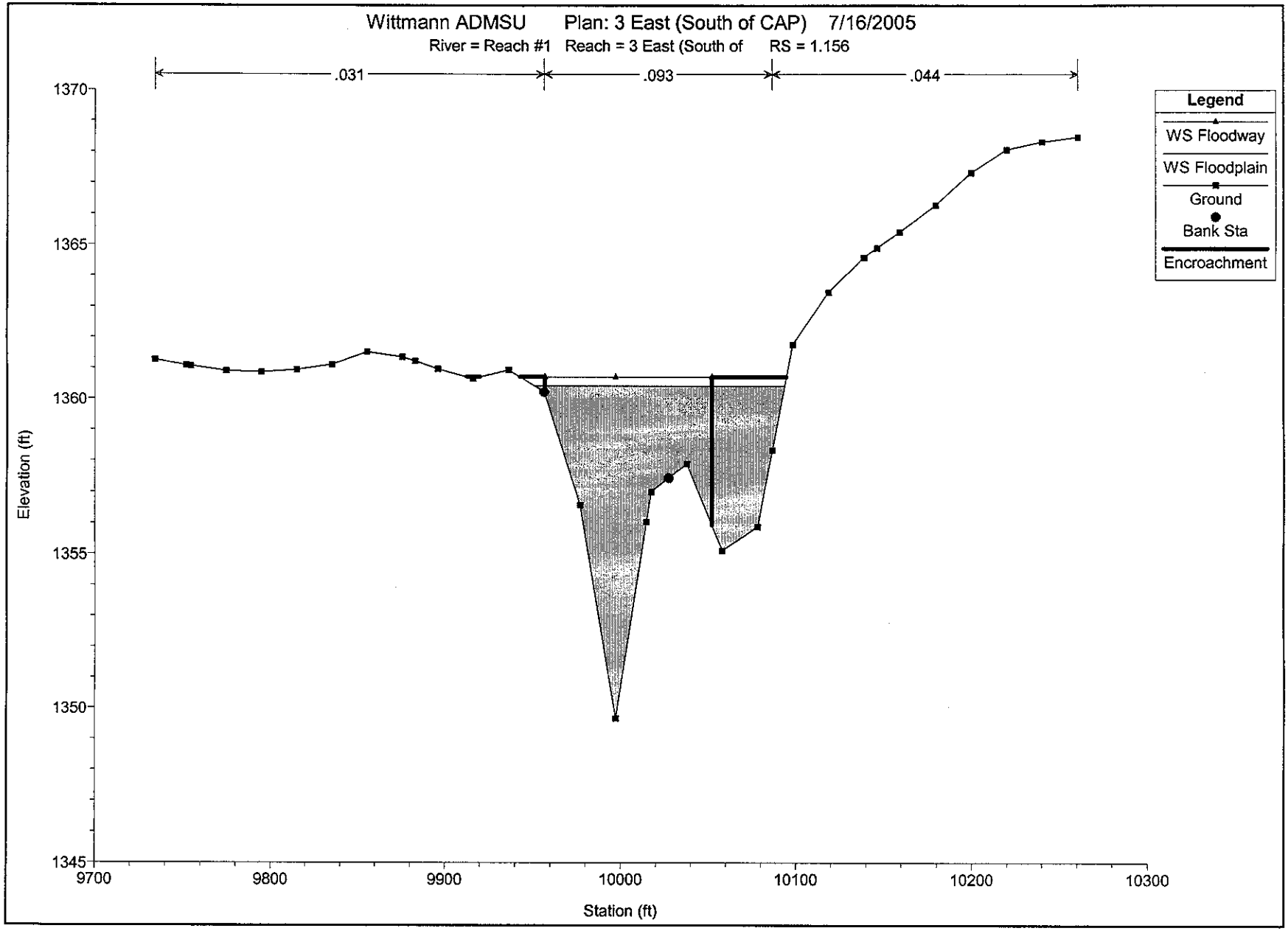

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.366 Culv
.063
.093
.063
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1370
1368
1366
1364
1362
1360
9000
9500
10000
10500
11000
11500
Station (ft)

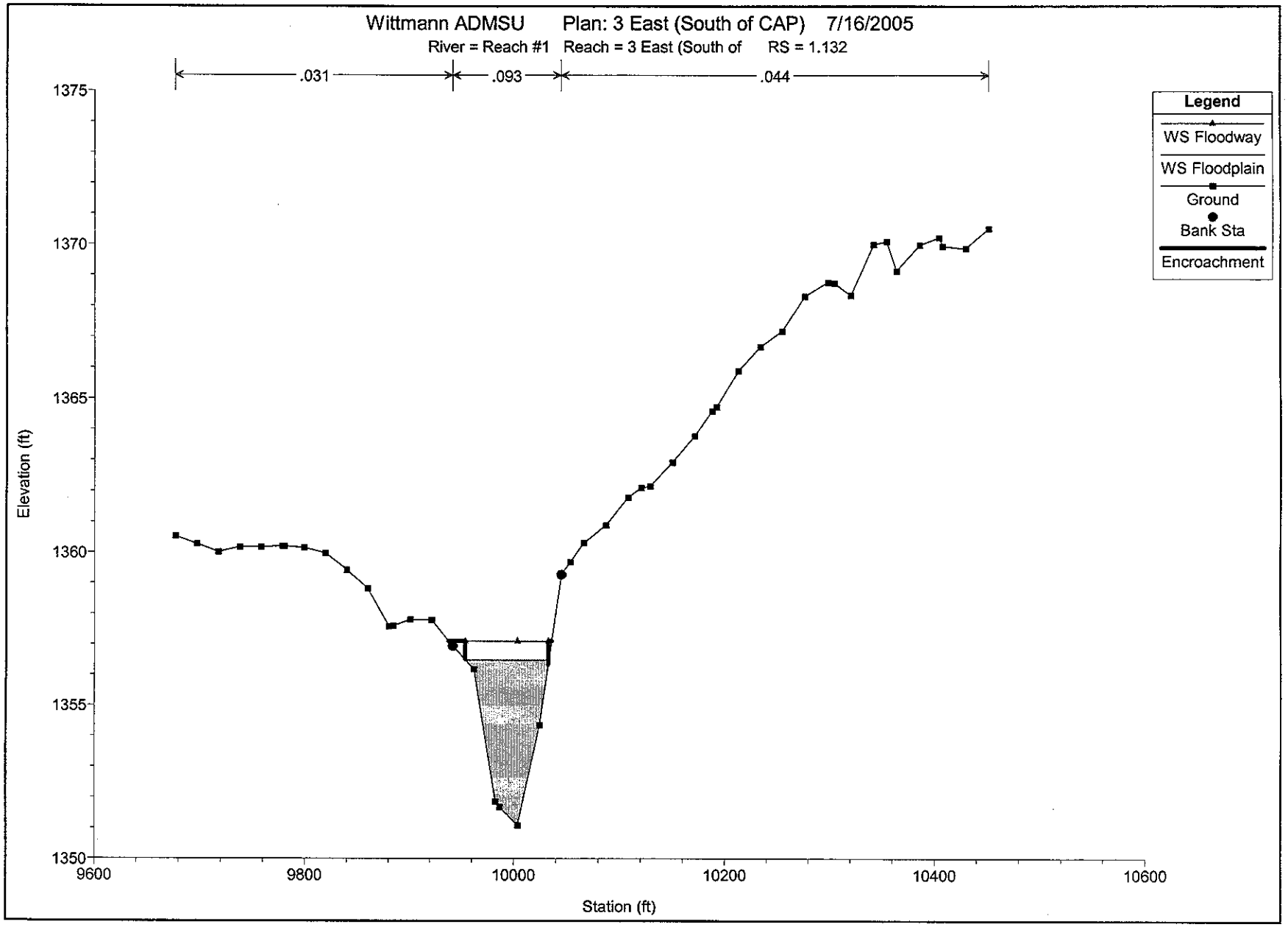

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.366 Culv
.093
.044
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1370
1368
1366
1364
1362
1360
9000
9500
10000
10500
11000
Station (ft)

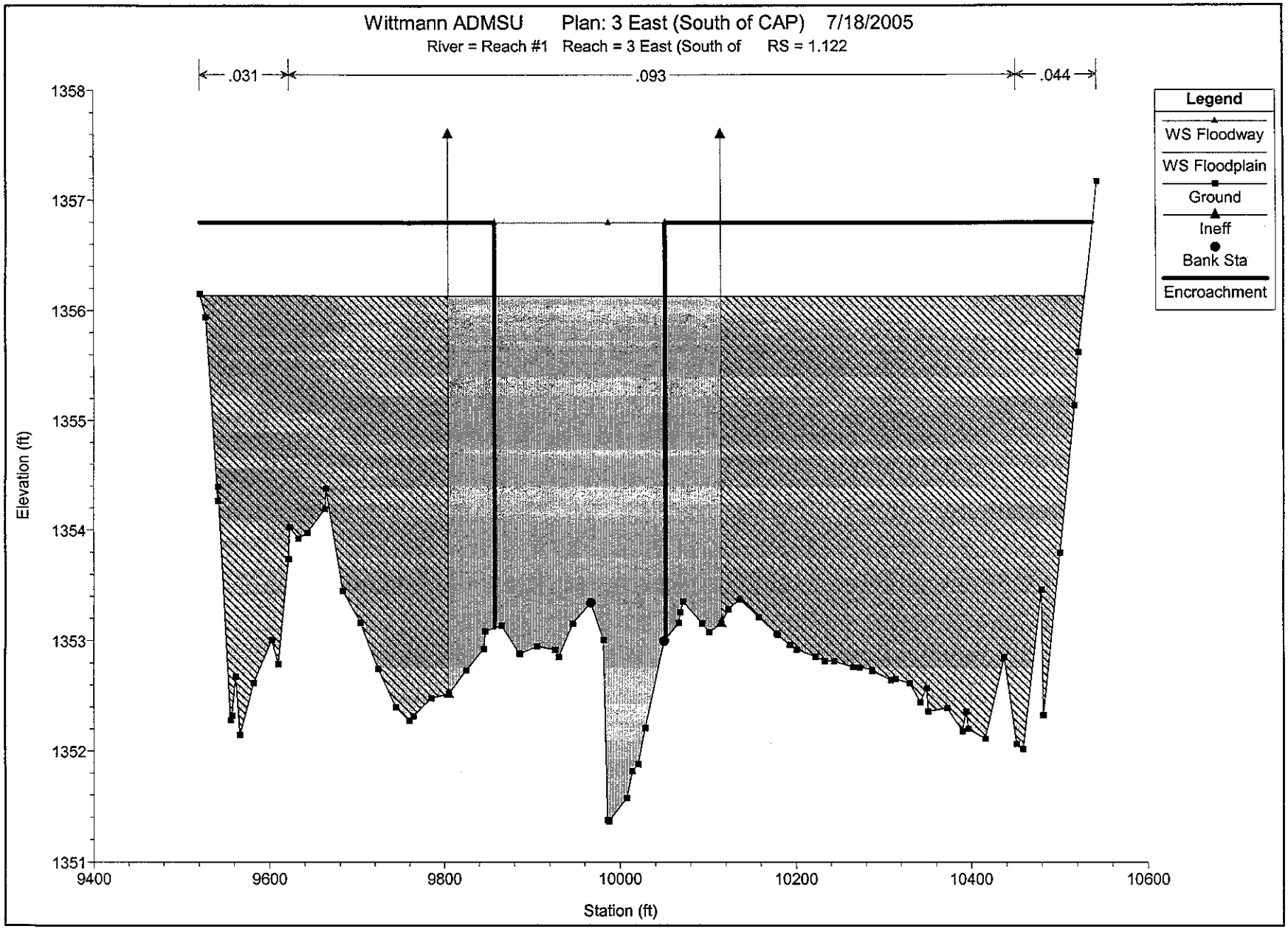

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.351
.093
.044
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1370
1368
1366
1364
1362
1360
9000
9500
10000
10500
11000
Station (ft)

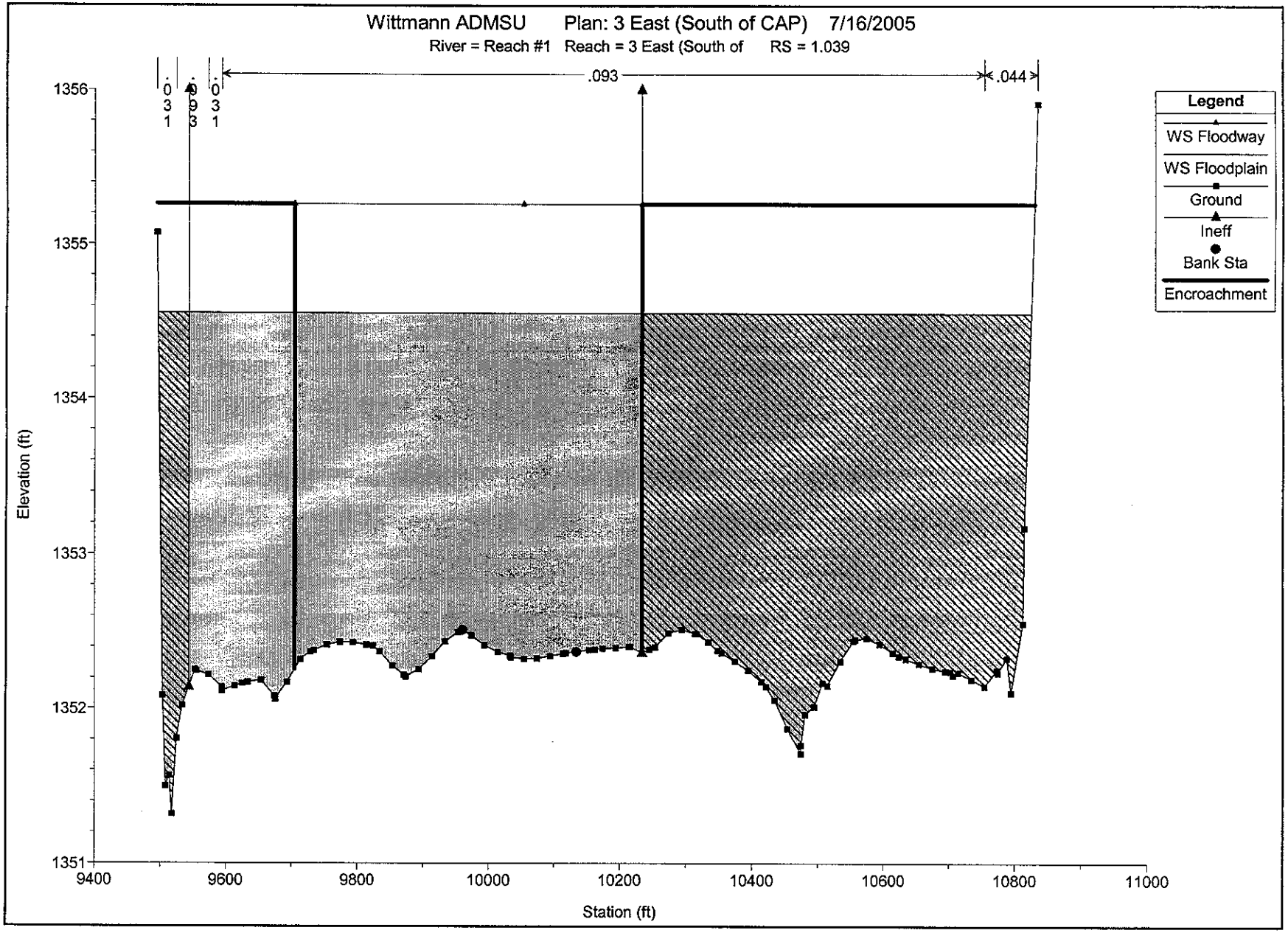

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.284
.038
.093
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1365
1364
1363
1362
1361
1360
1359
1358
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

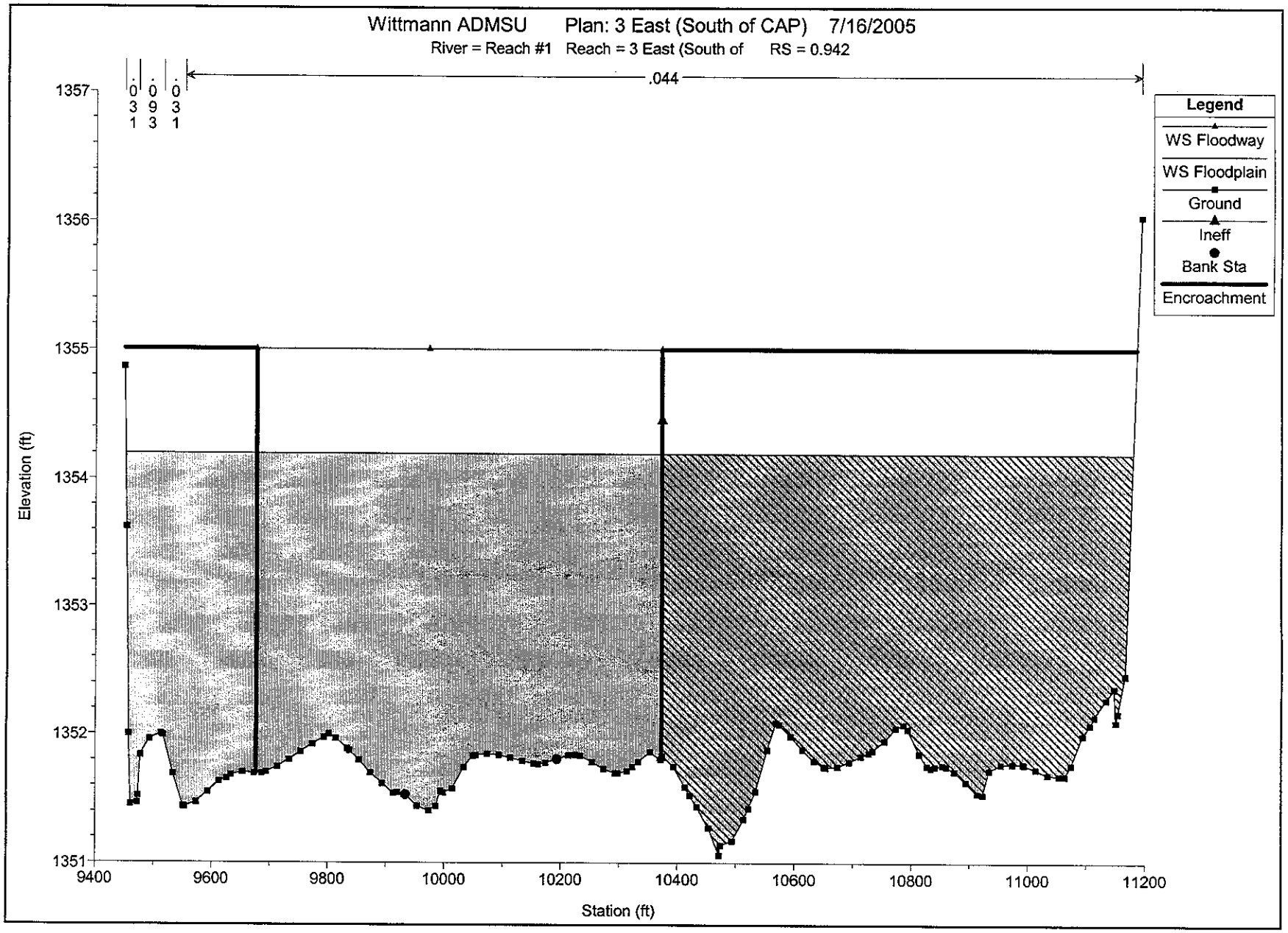

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.233
.031
.093
.044
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1368
1366
1364
1362
1360
1358
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

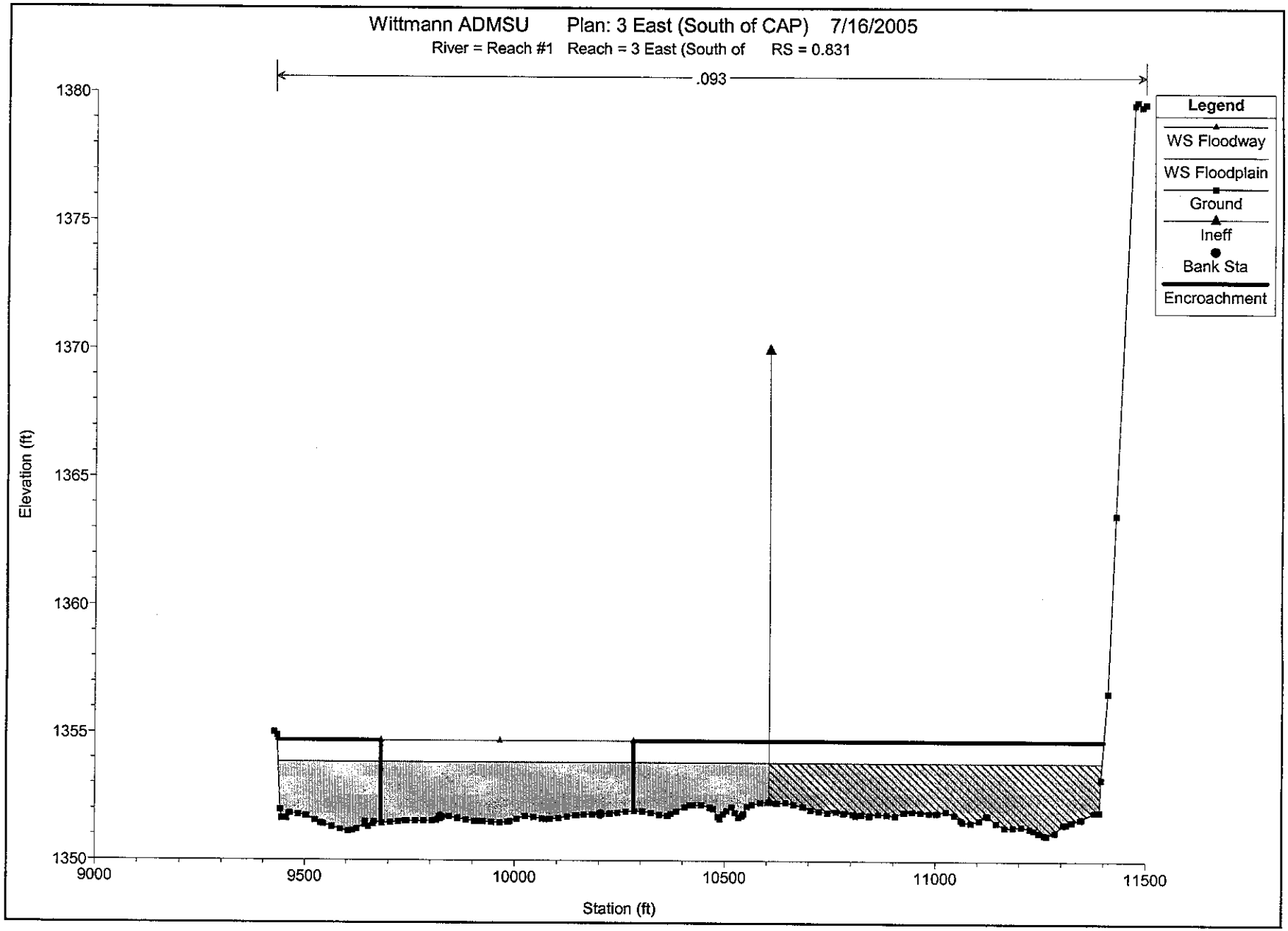

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.156
.031
.093
.044
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1370
1365
1360
1355
1350
1345
9700
9800
9900
10000
10100
10200
10300
Station (ft)

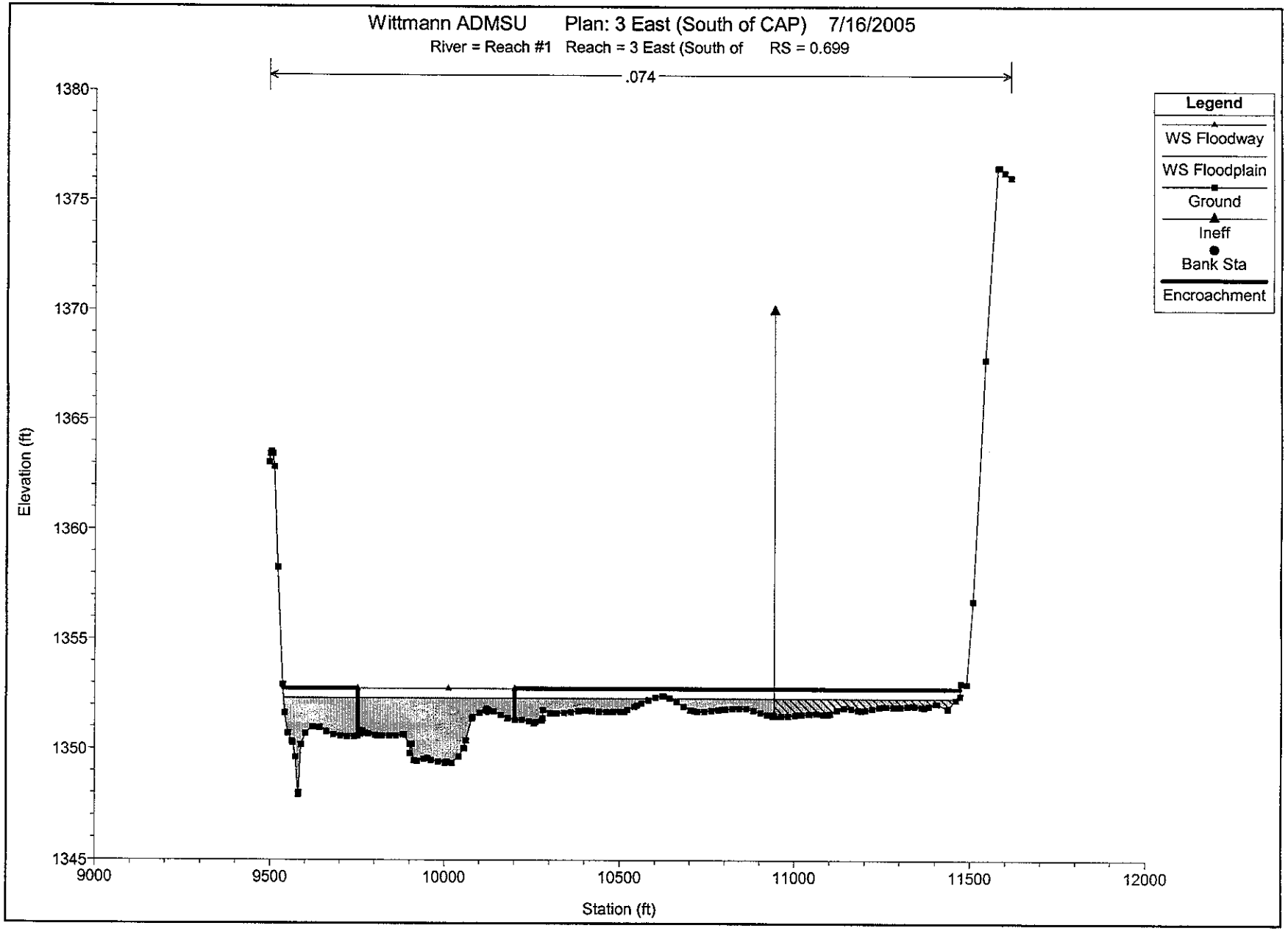

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.132
.031
.093
.044
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1375
1370
1365
1360
1355
1350
9600
9800
10000
10200
10400
10600
Station (ft)

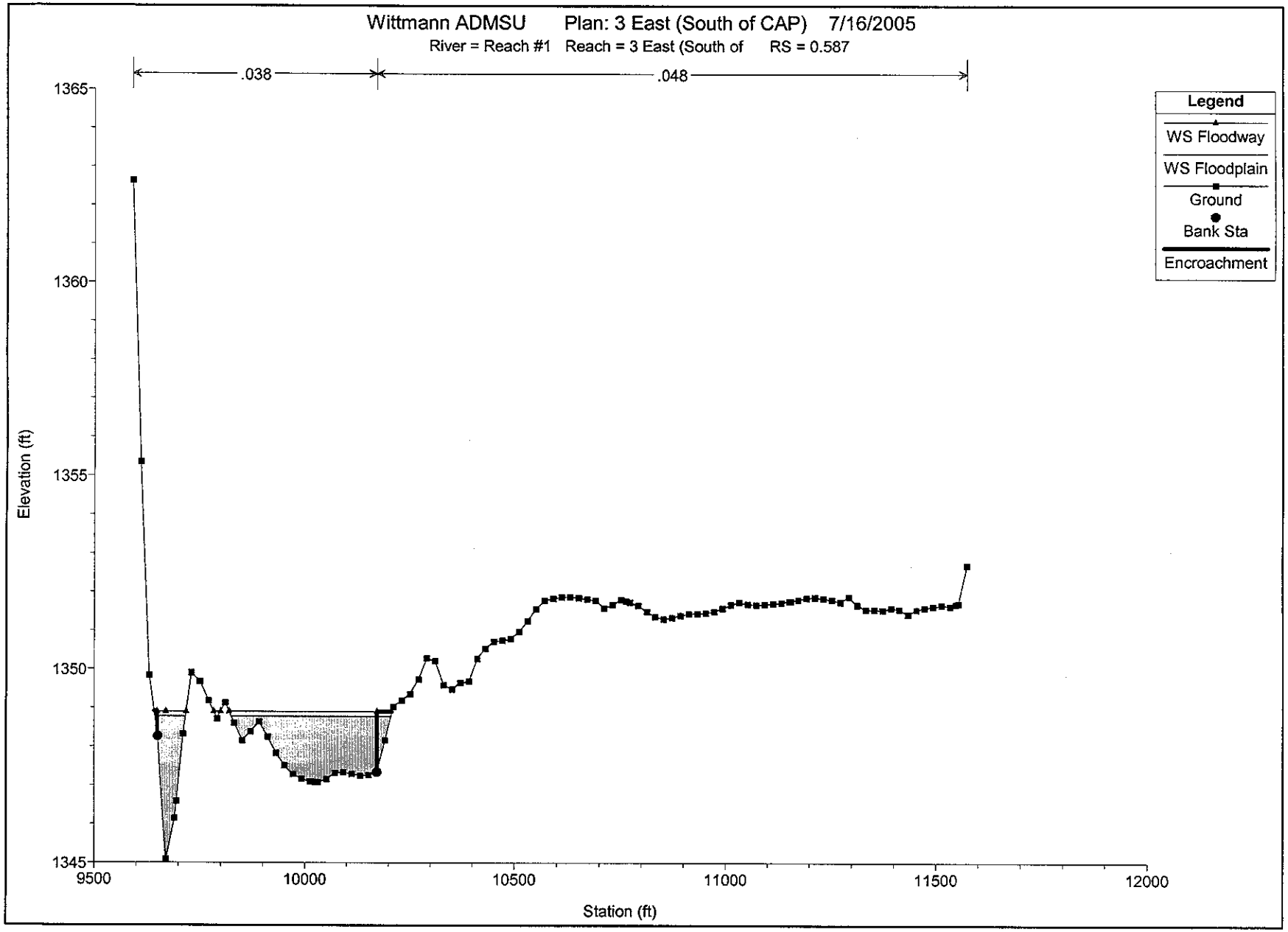

Wittmann ADMSU Plan: 3 East (South of CAP) 7/18/2005
River = Reach #1 Reach = 3 East (South of RS = 1.122
.031
.093
.044
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1358
1357
1356
1355
1354
1353
1352
1351
9400
9600
9800
10000
10200
10400
10600
Station (ft)

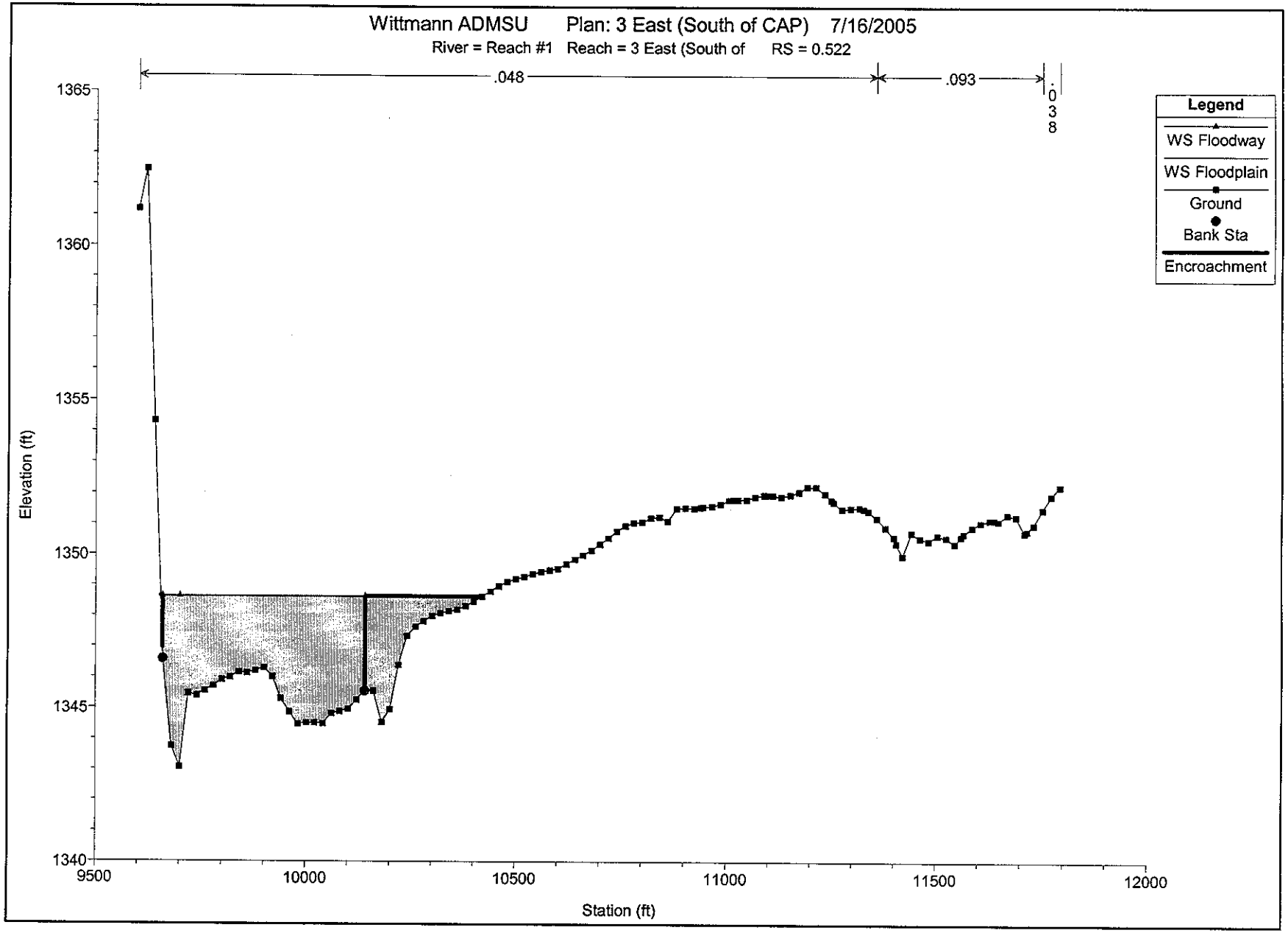

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 1.039
.031
.093
.031
.093
.044
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1356
1355
1354
1353
1352
1351
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

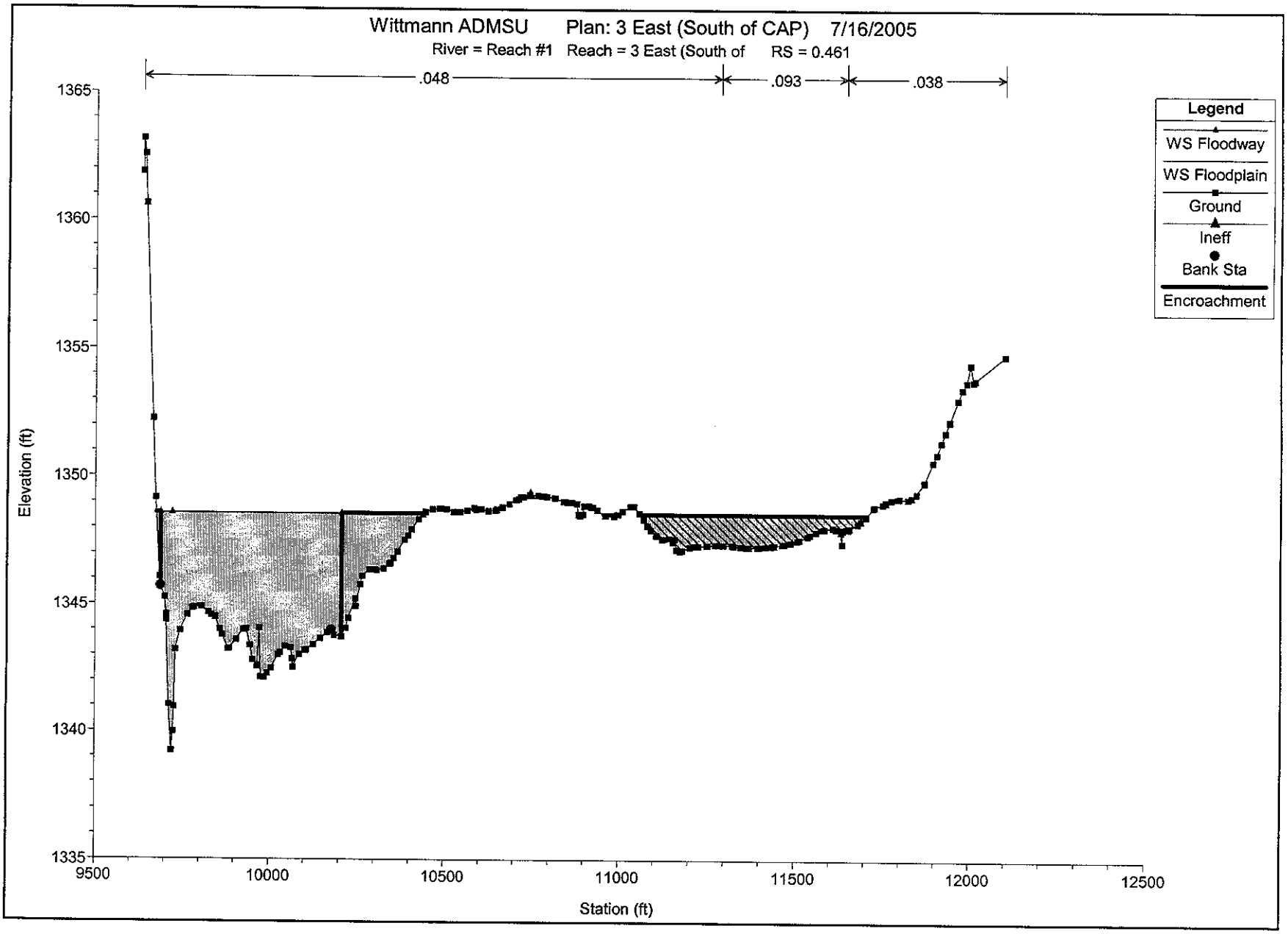

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 0.942
.031
.093
.031
.044
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1357
1356
1355
1354
1353
1352
1351
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

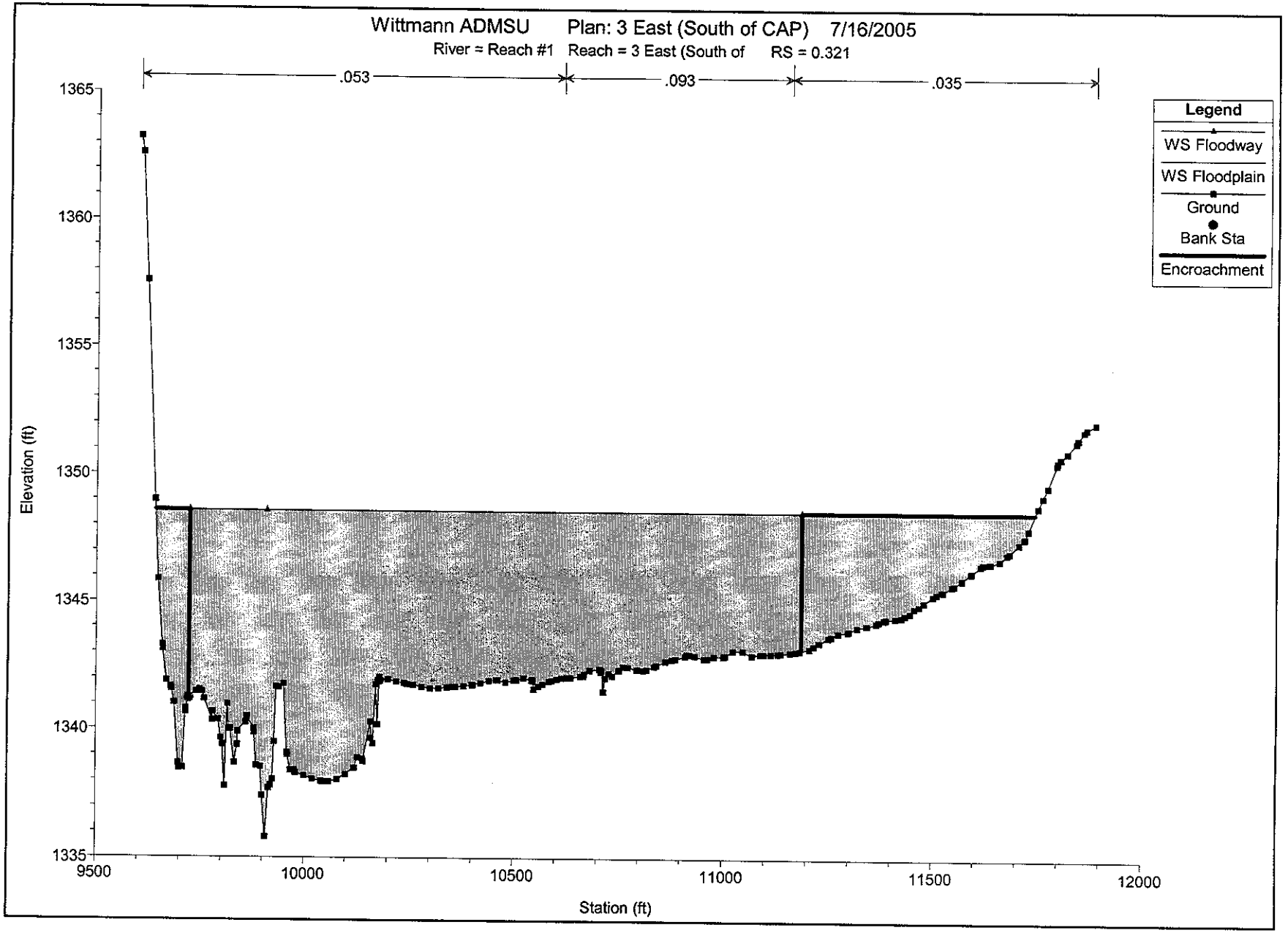

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 0.831
.093
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1380
1375
1370
1365
1360
1355
1350
9000
9500
10000
10500
11000
11500
Station (ft)

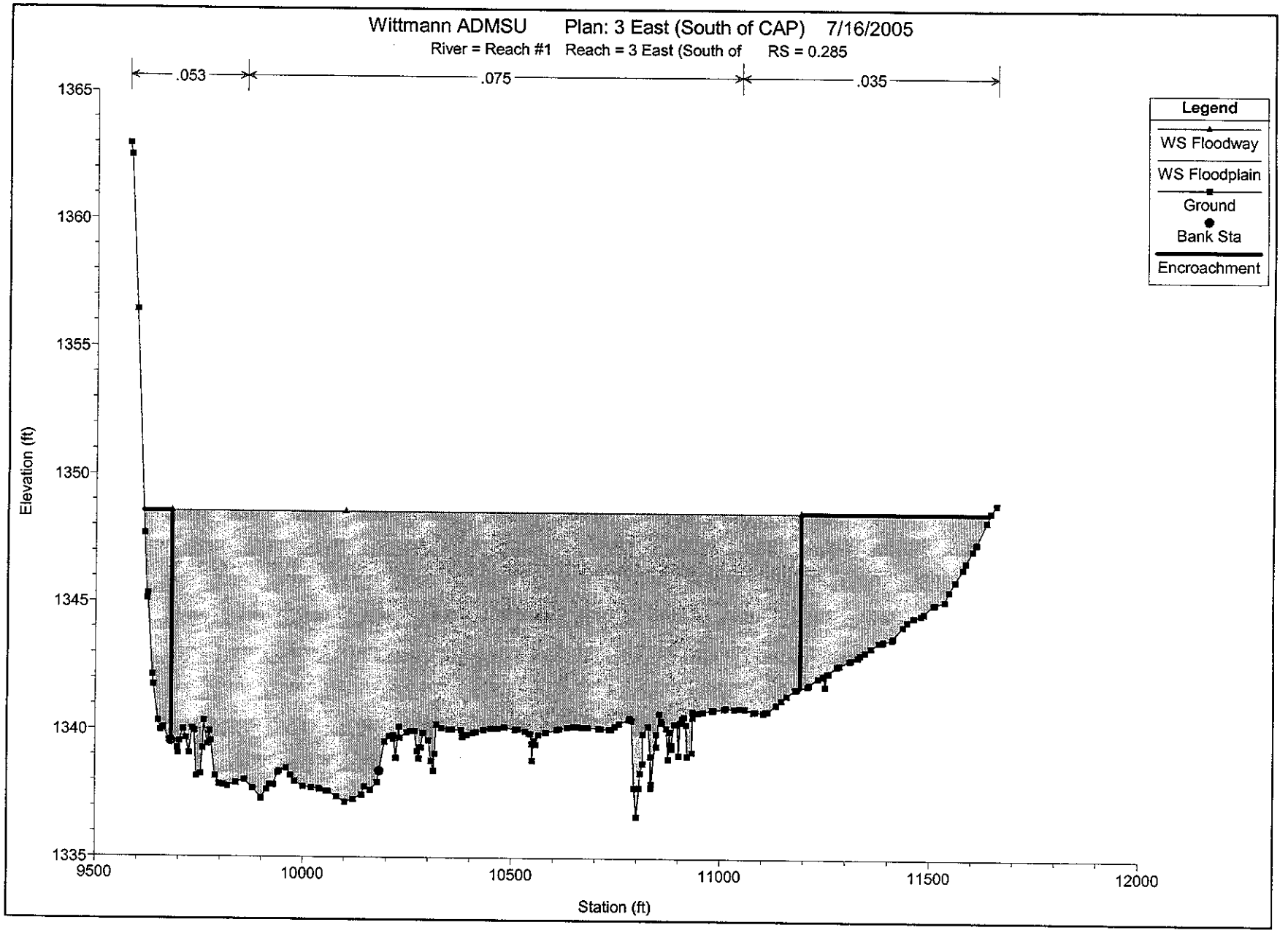

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 0.699
.074
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1380
1375
1370
1365
1360
1355
1350
1345
9000
9500
10000
10500
11000
11500
12000
Station (ft)

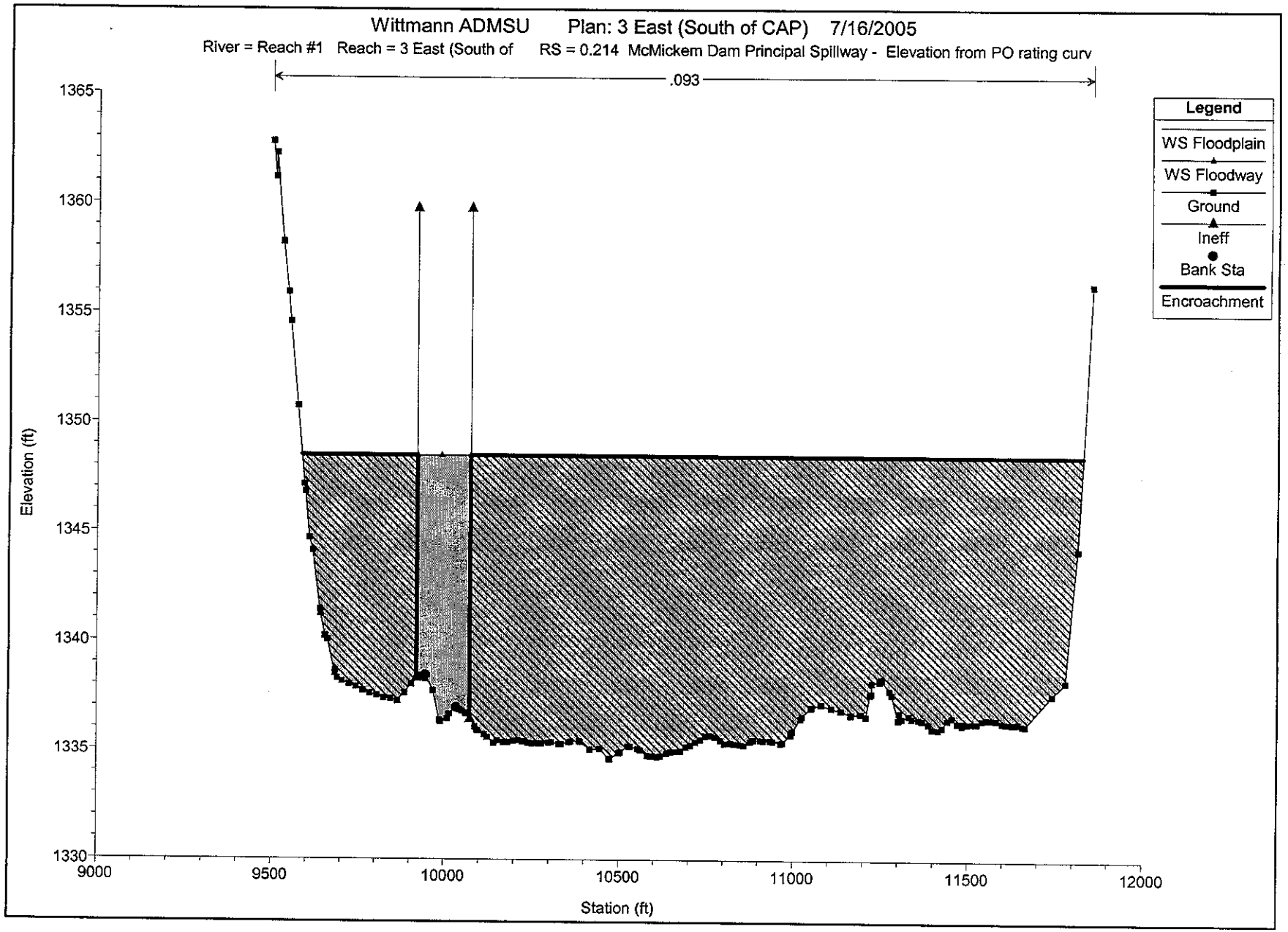

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 0.587
.038
.048
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1365
1360
1355
1350
1345
9500
10000
10500
11000
11500
12000
Station (ft)


Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 0.522
.048
.093
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1365
1360
1355
1350
1345
1340
9500
10000
10500
11000
11500
12000
Station (ft)

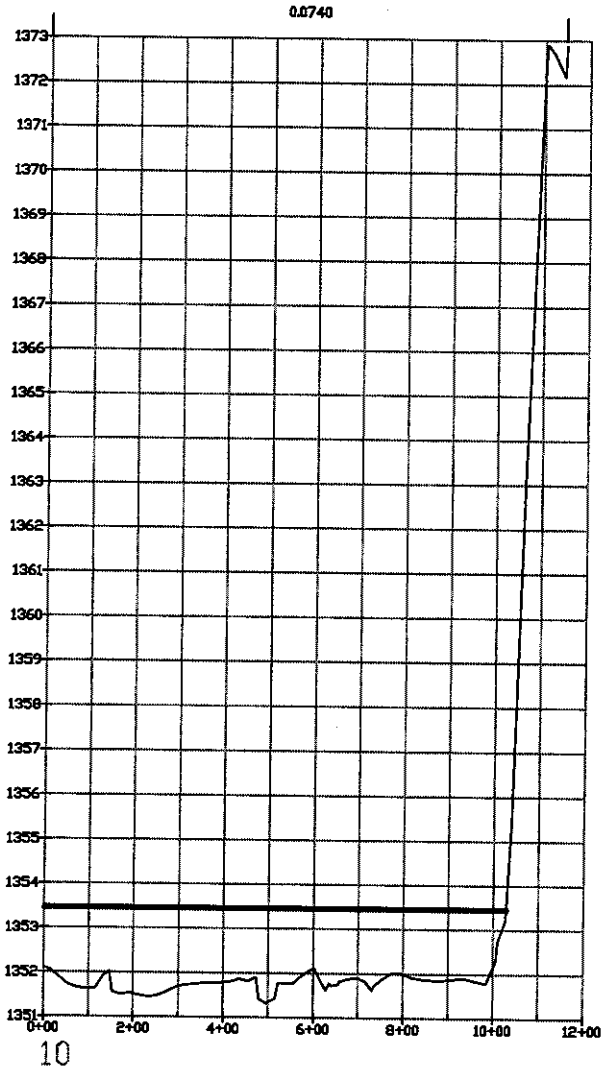

Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 0.461
.048
.093
.038
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1365
1360
1355
1350
1345
1340
1335
9500
10000
10500
11000
11500
12000
12500
Station (ft)


Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 0.321
.053
.093
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1365
1360
1355
1350
1345
1340
1335
9500
10000
10500
11000
11500
12000
Station (ft)


Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 0.285
.053
.075
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1365
1360
1355
1350
1345
1340
1335
9500
10000
10500
11000
11500
12000
Station (ft)


Wittmann ADMSU Plan: 3 East (South of CAP) 7/16/2005
River = Reach #1 Reach = 3 East (South of RS = 0.214 McMickem Dam Principal Spillway - Elevation from PO rating curv
.093
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1365
1360
1355
1350
1345
1340
1335
1330
9000
9500
10000
10500
11000
11500
12000
Station (ft)

3 EAST (ZONE A)



Normal Depth Results

Cross-Section:	10	
Elevation:	1353.460	ft MSL
Depth:	2.140	ft
Discharge:	1260.000	cfs
Energy Gradient:	0.0007	ft/ft
Froude Number:	0.0894	
Flow Regime:	Subcritical	
Flow Area:	1698.090	sq ft
Average Velocity:	0.740	ft/s
Maximum Velocity:	0.740	ft/s
Composite n:	0.074	
Hydraulic Radius:	1.65	ft
Wetted Perimeter:	1028.690	ft
Wetted Top Width:	1028.570	ft
Critical Slope:	0.0869	ft/ft

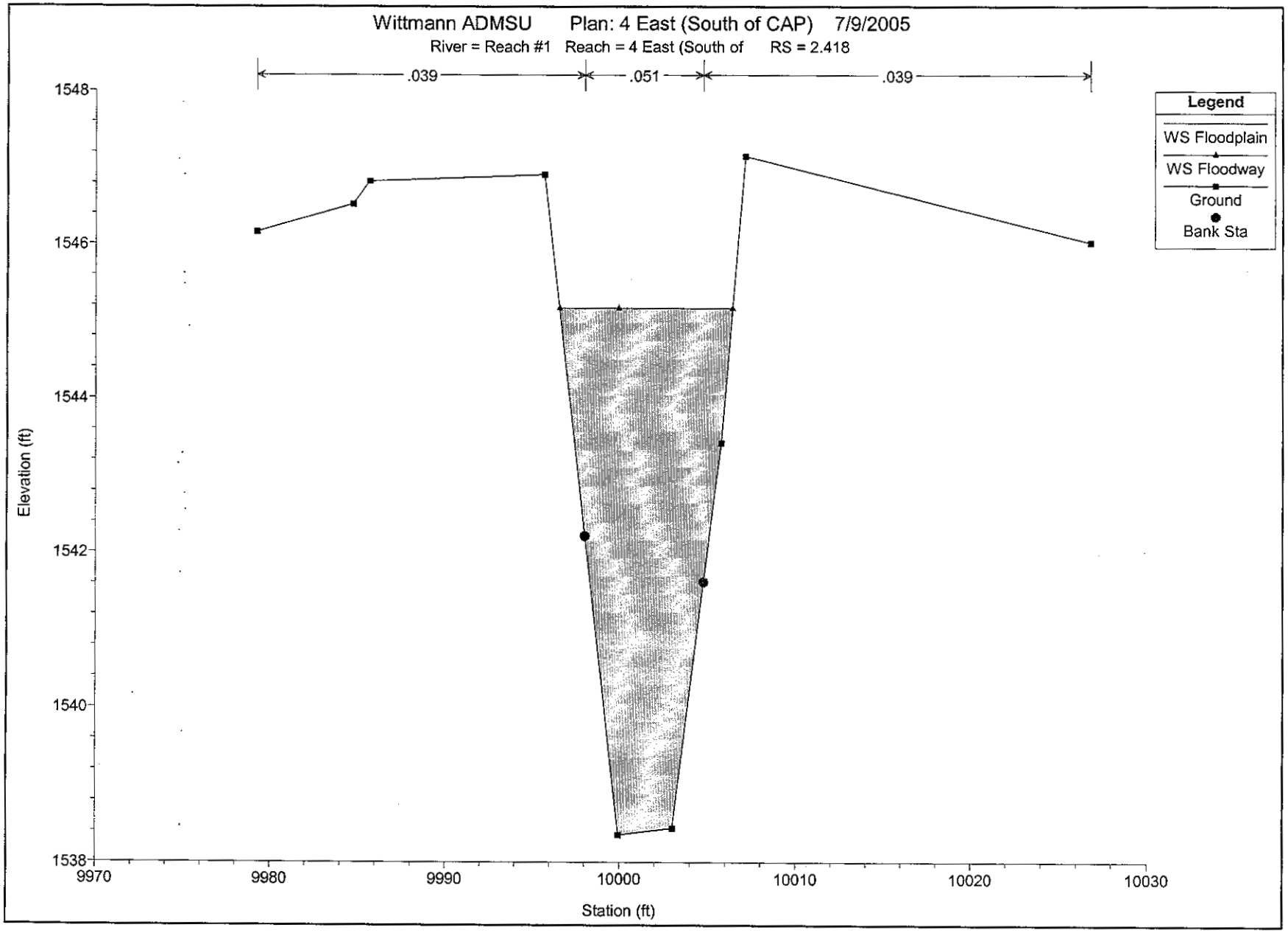
WITTMANN ADMSU FCD 2002C029

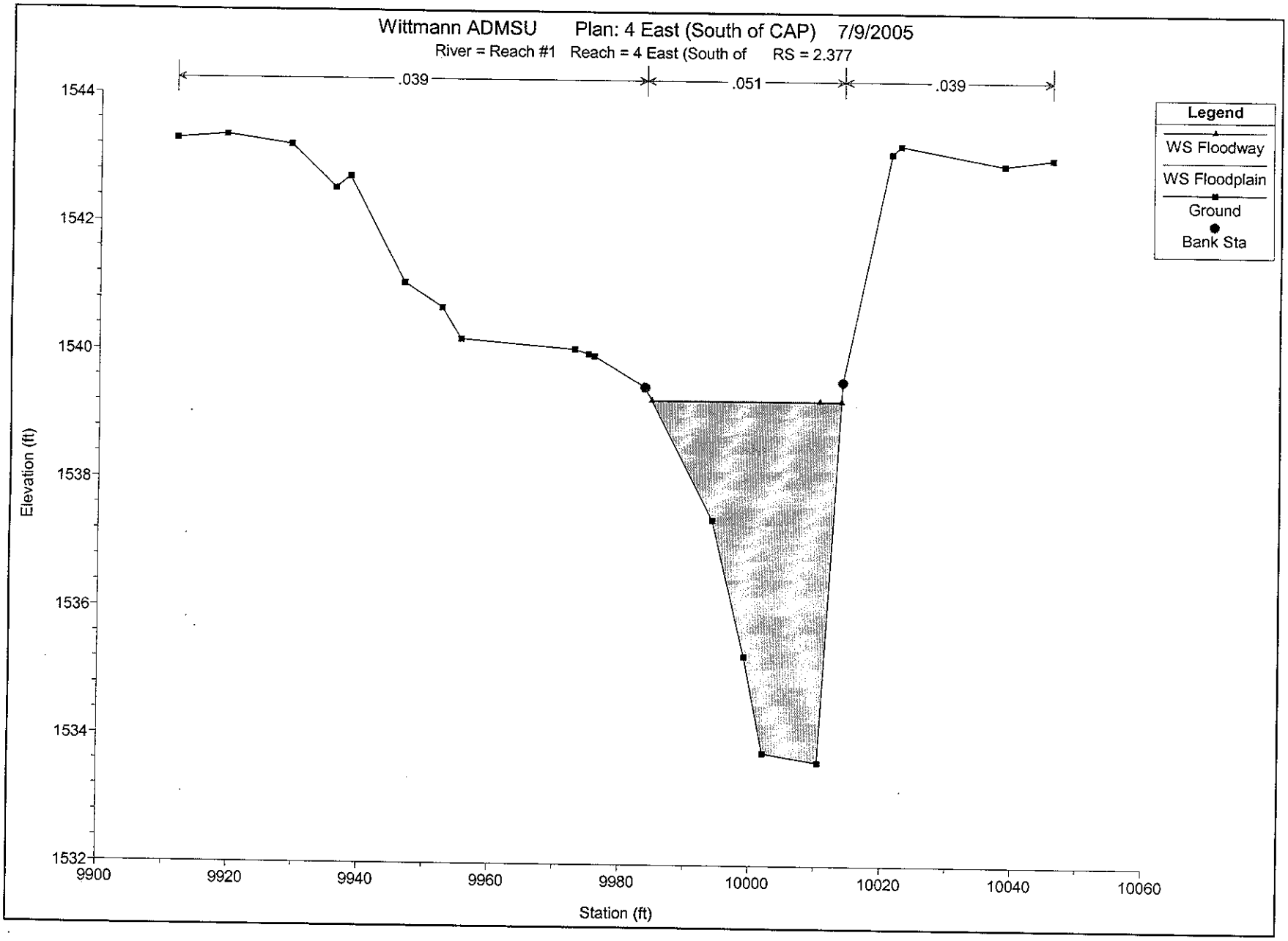
3 EAST- ZONE A

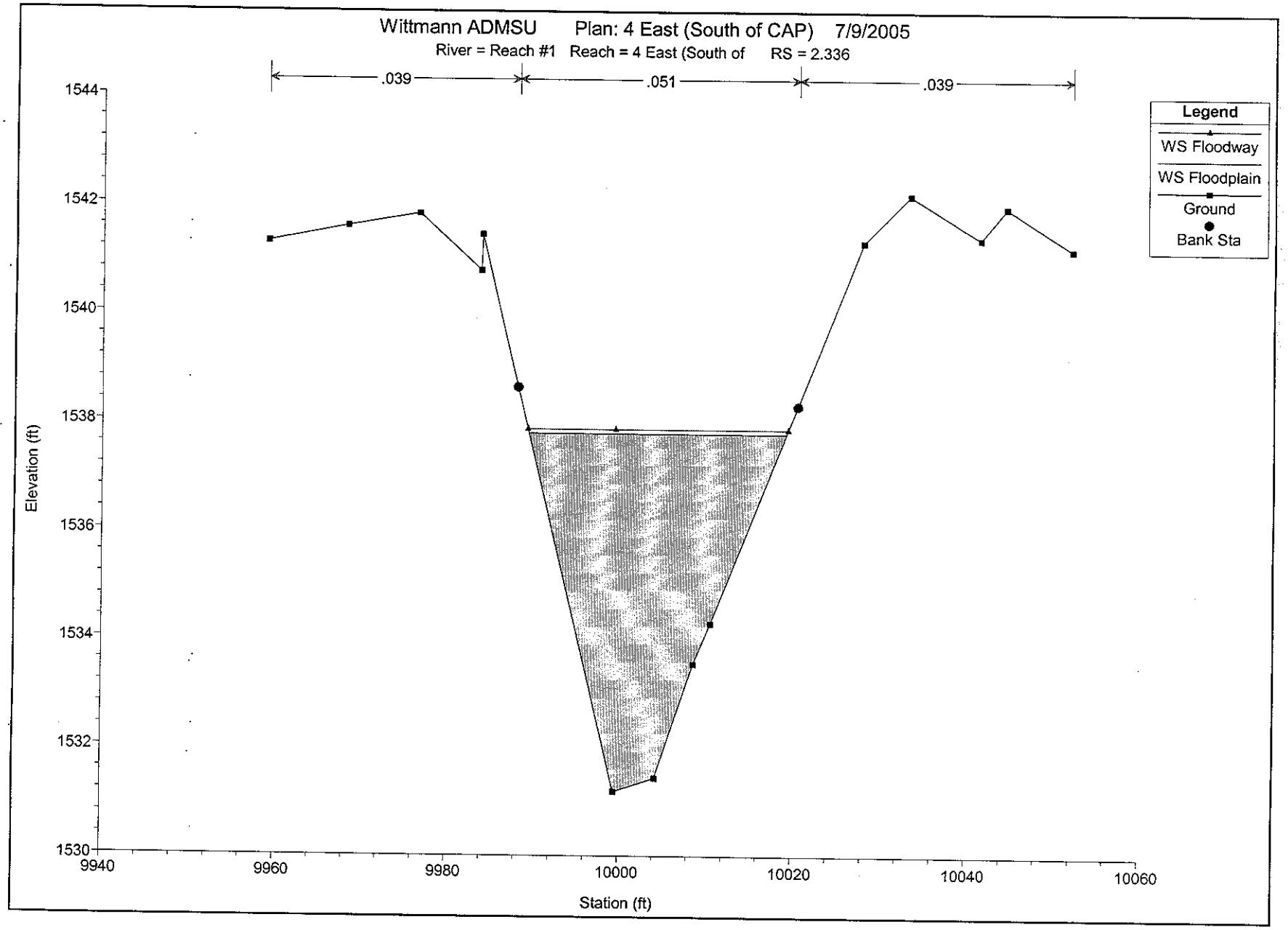
Entellus™

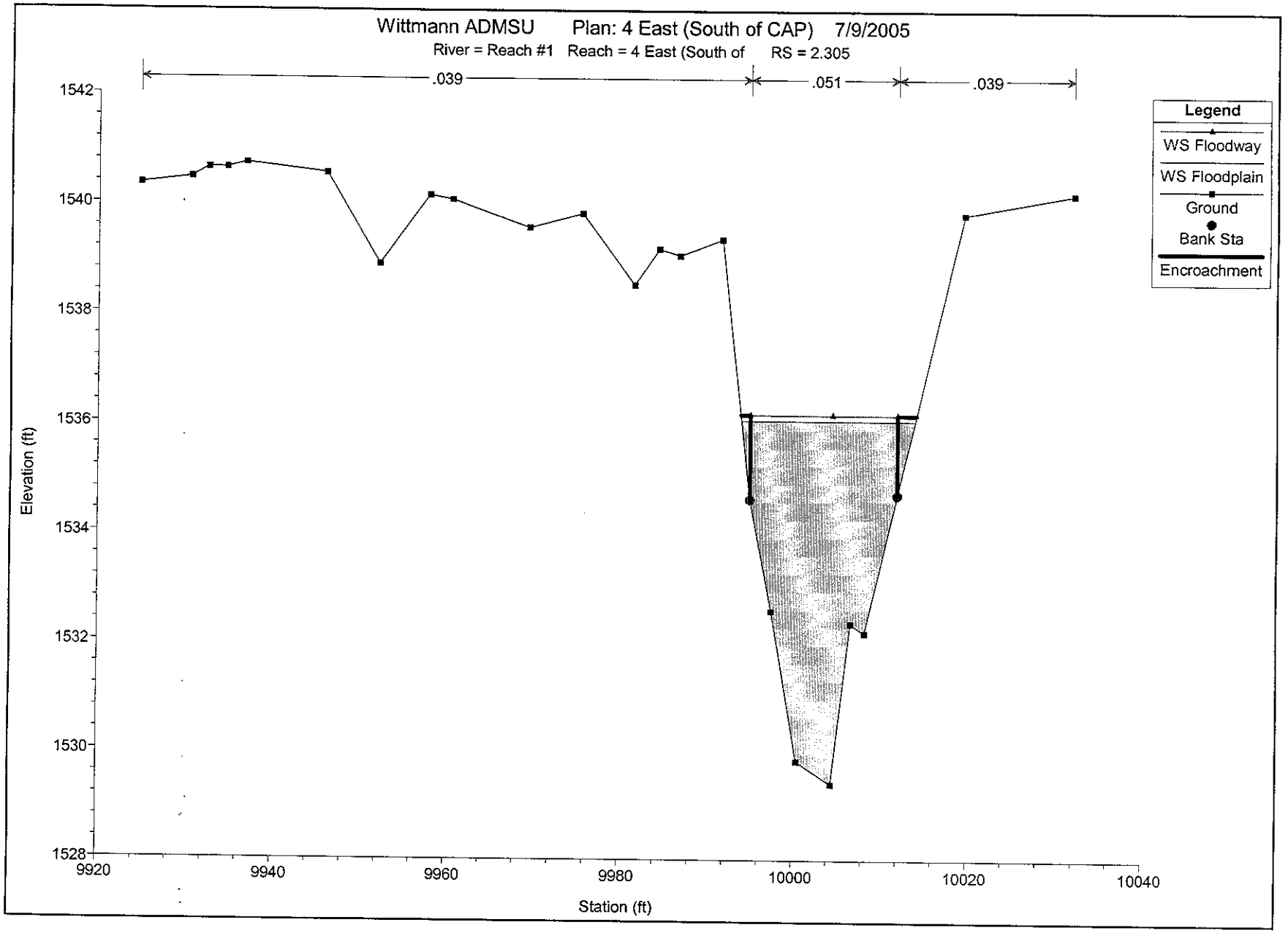
File: 3E.dwg; Date: 07/29/05

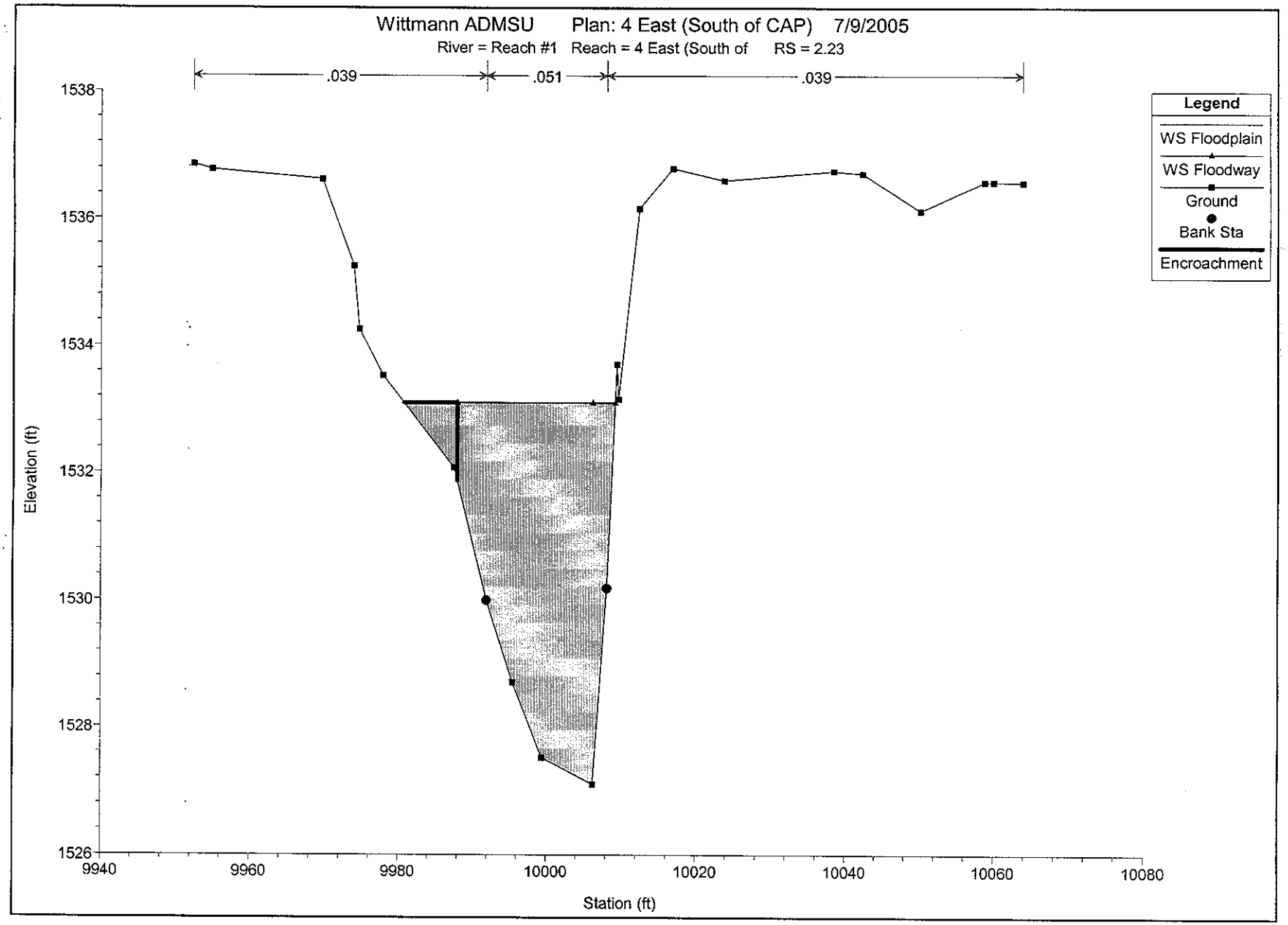
4 EAST

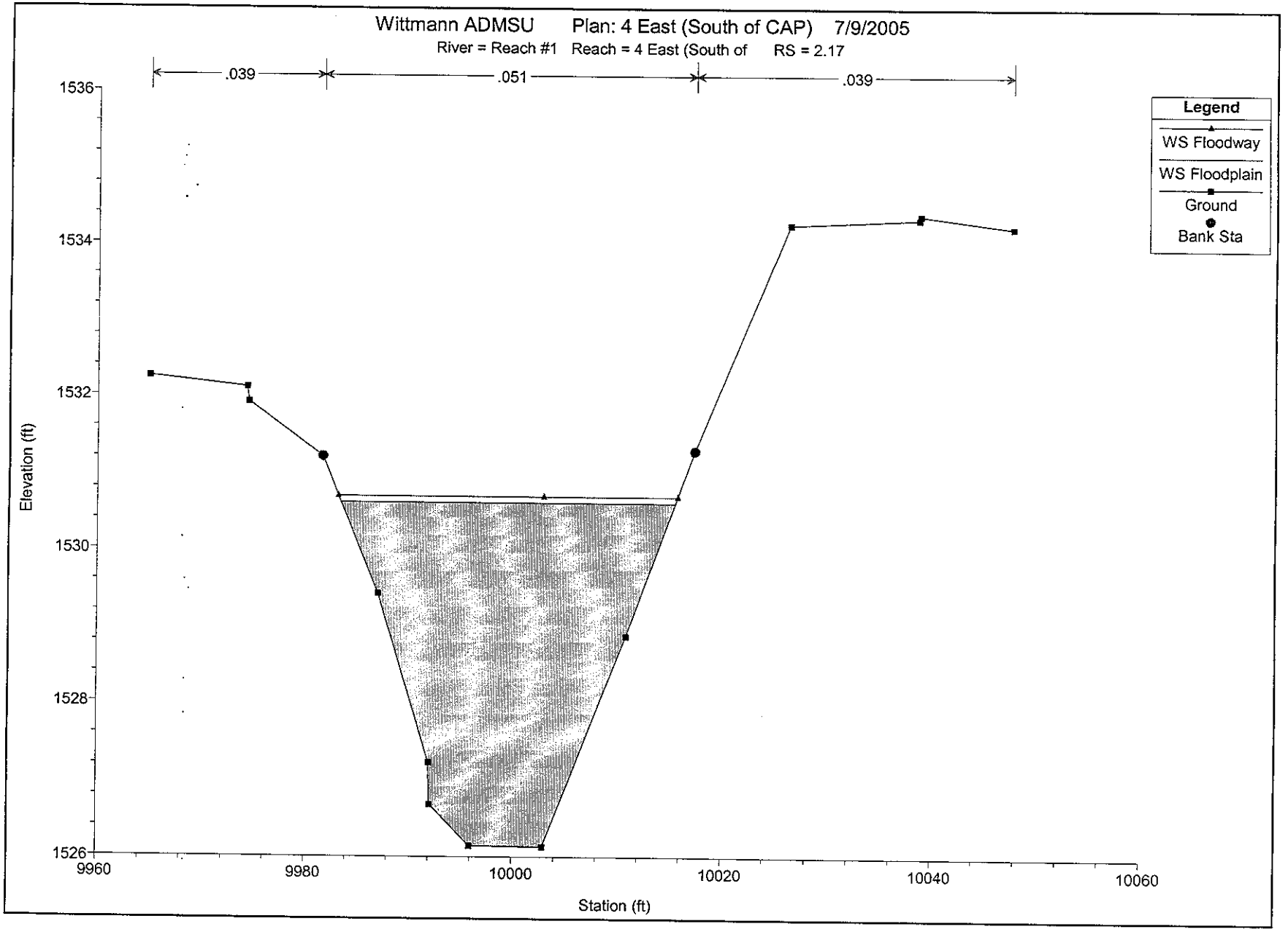

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 2.418
.039
.051
.039
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1548
1546
1544
1542
1540
1538
9970
9980
9990
10000
10010
10020
10030
Station (ft)

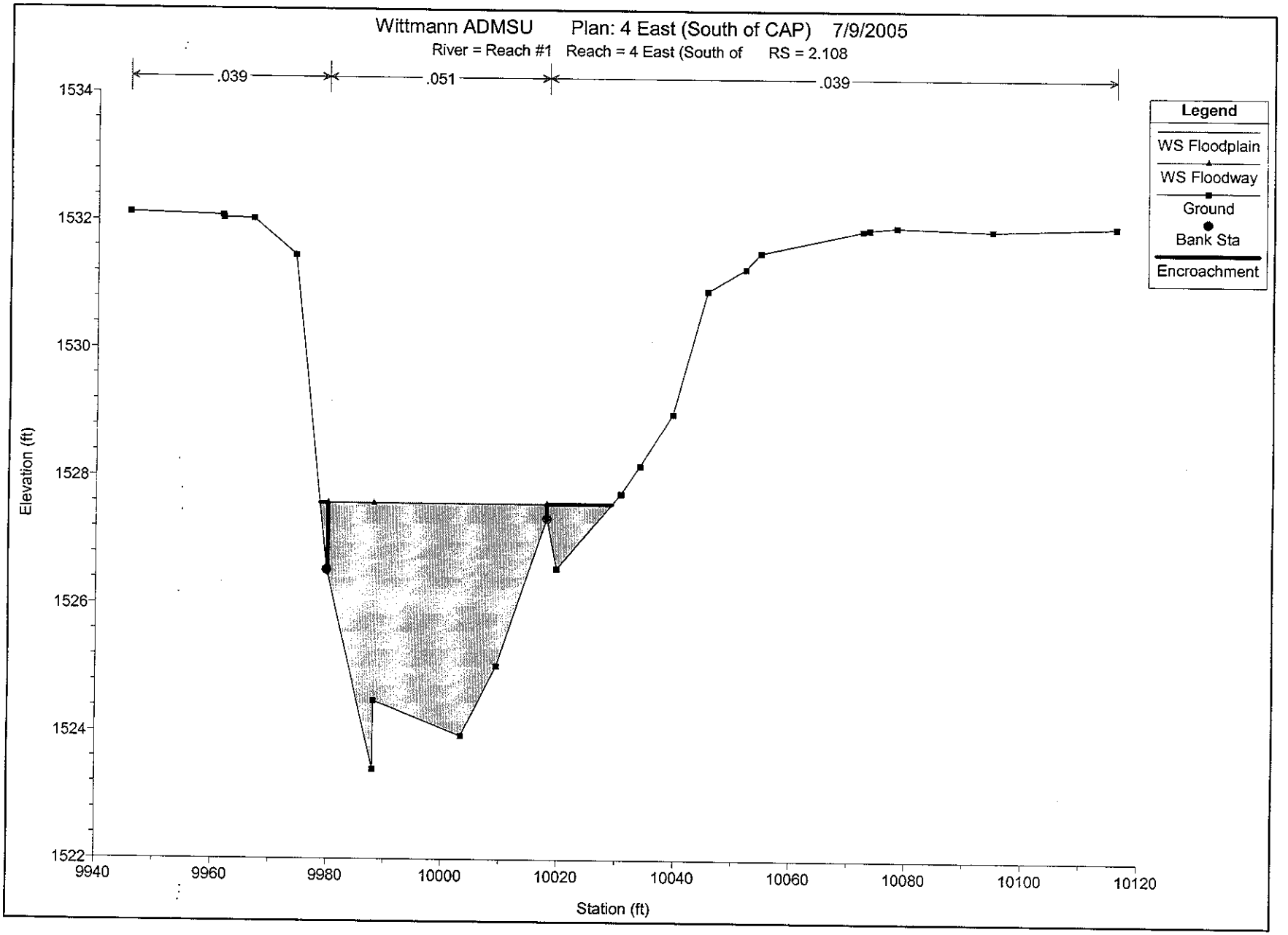

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 2.377
.039
.051
.039
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1544
1542
1540
1538
1536
1534
1532
9900
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

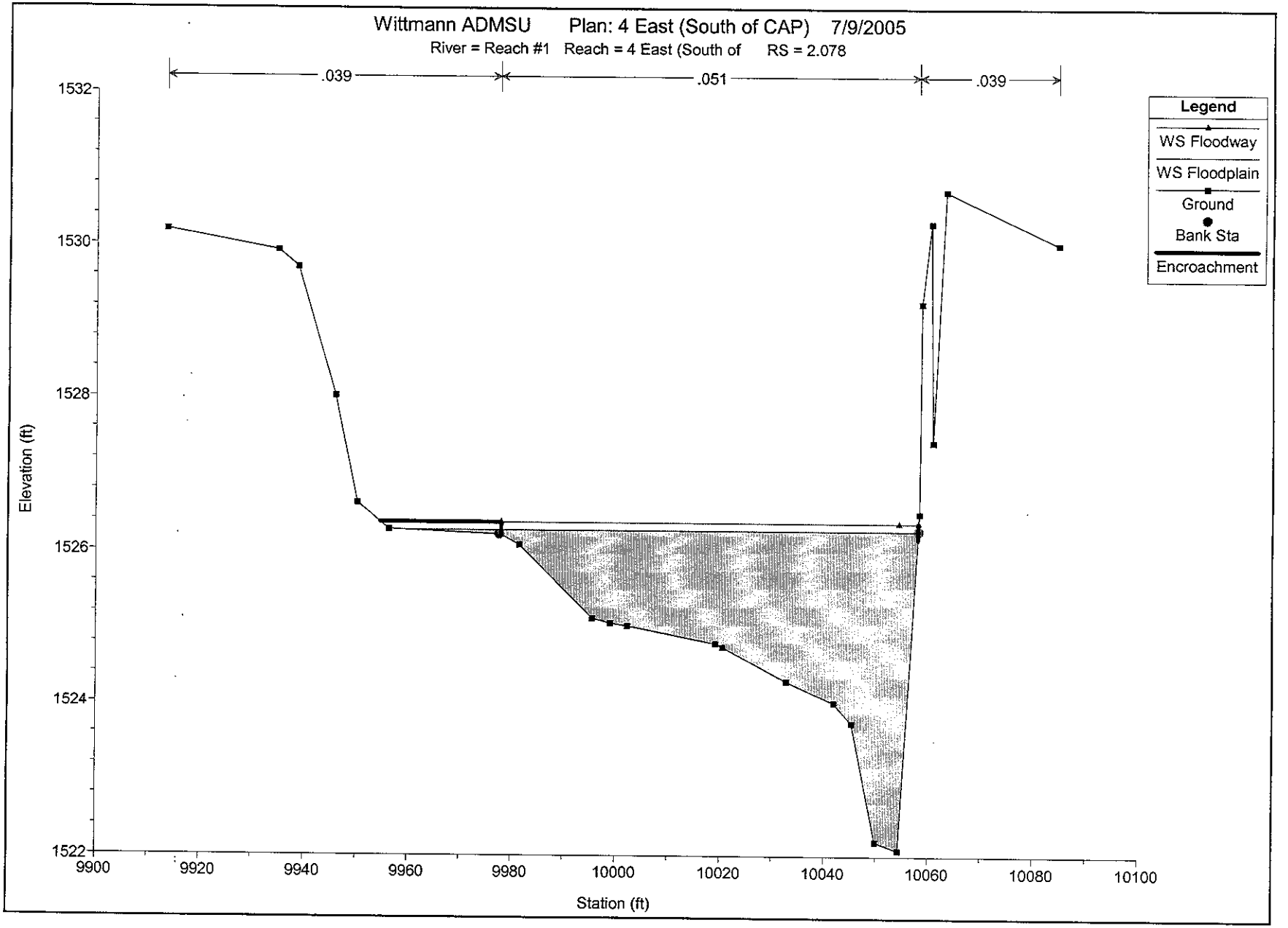

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 2.336
.039
.051
.039
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1544
1542
1540
1538
1536
1534
1532
1530
9940
9960
9980
10000
10020
10040
10060
Station (ft)

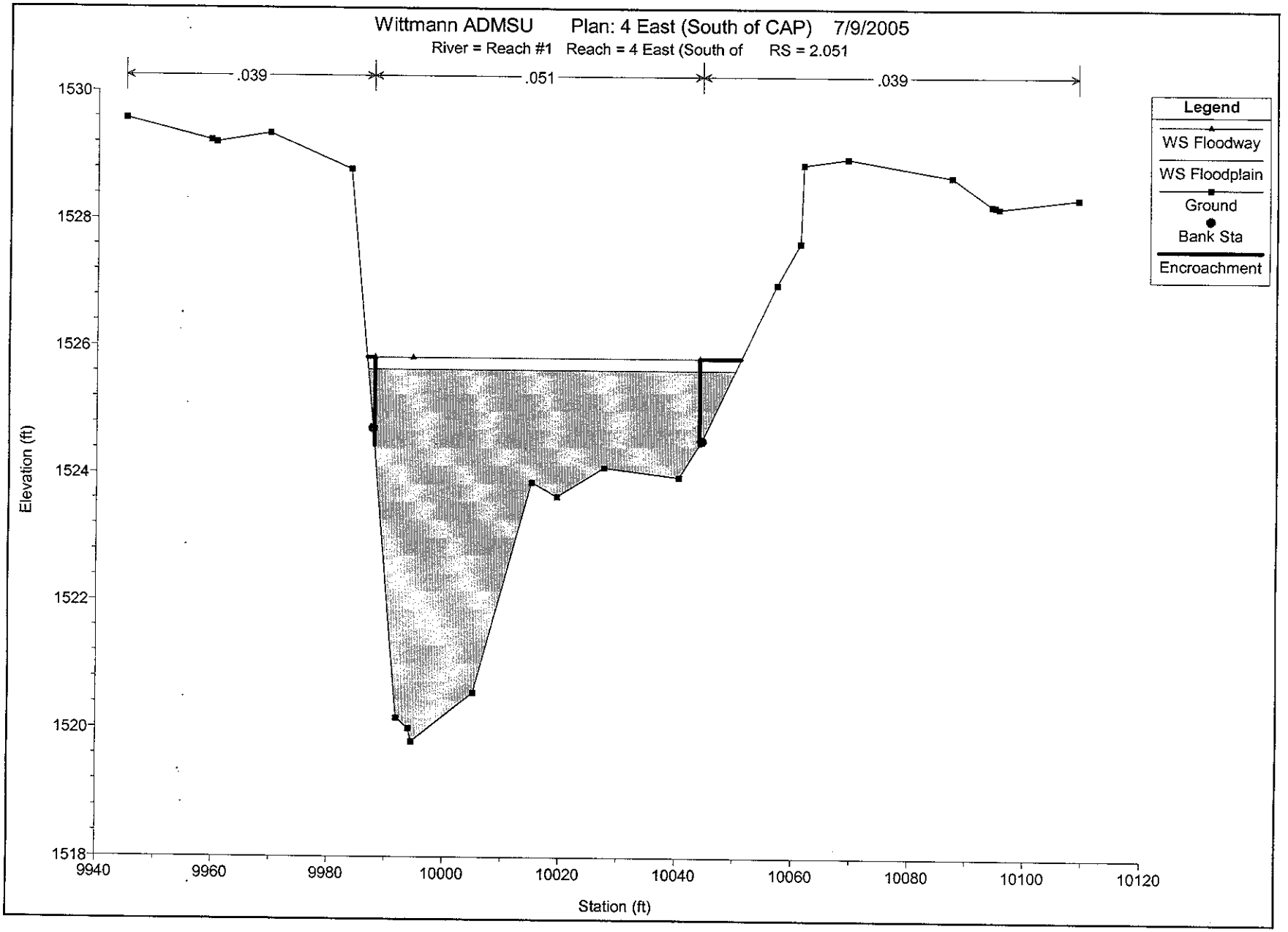

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 2.305
.039
.051
.039
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1542
1540
1538
1536
1534
1532
1530
1528
9920
9940
9960
9980
10000
10020
10040
Station (ft)

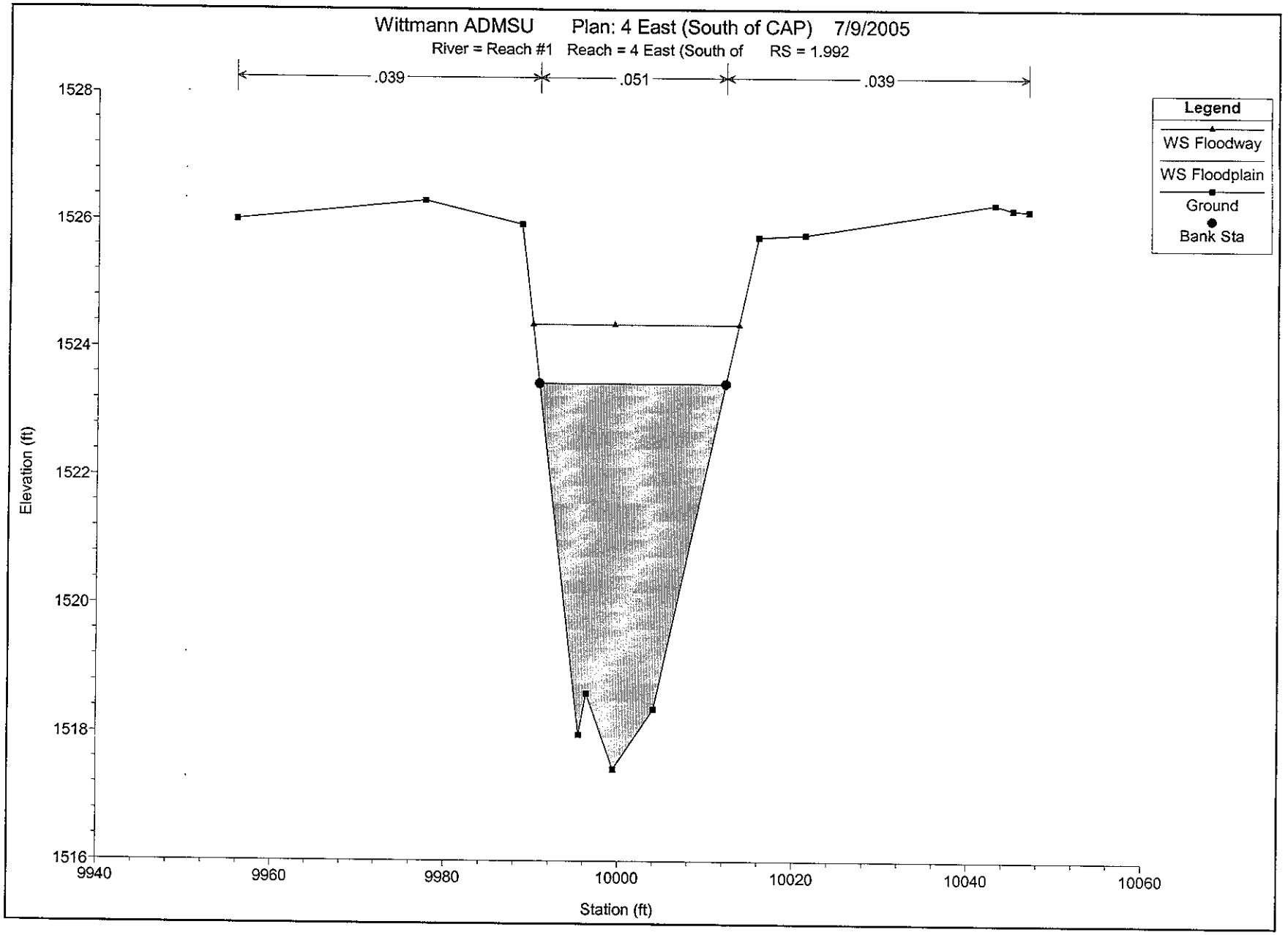

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 2.23
.039
.051
.039
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1538
1536
1534
1532
1530
1528
1526
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

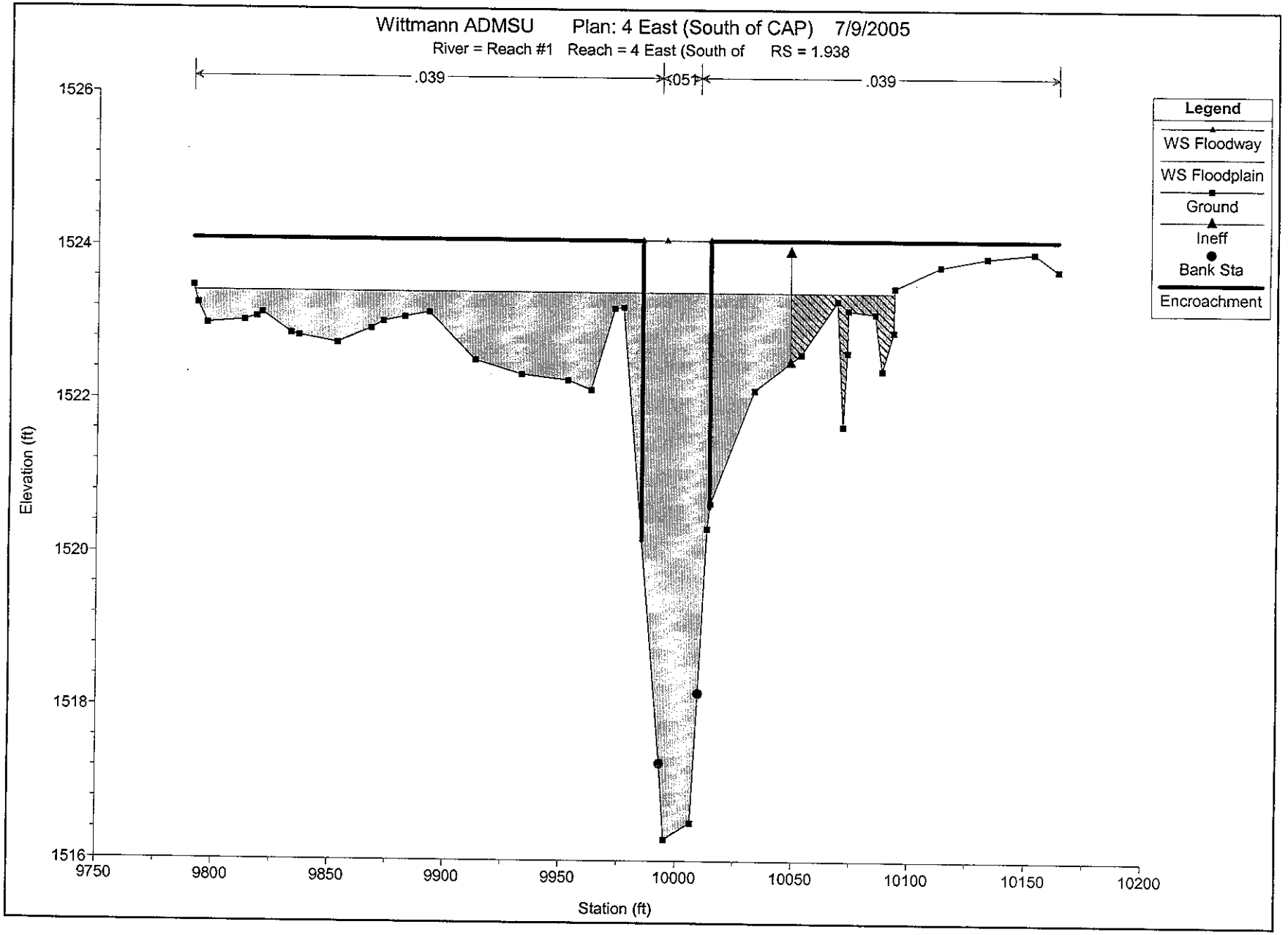

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 2.17
.039
.051
.039
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1536
1534
1532
1530
1528
1526
9960
9980
10000
10020
10040
10060
Station (ft)

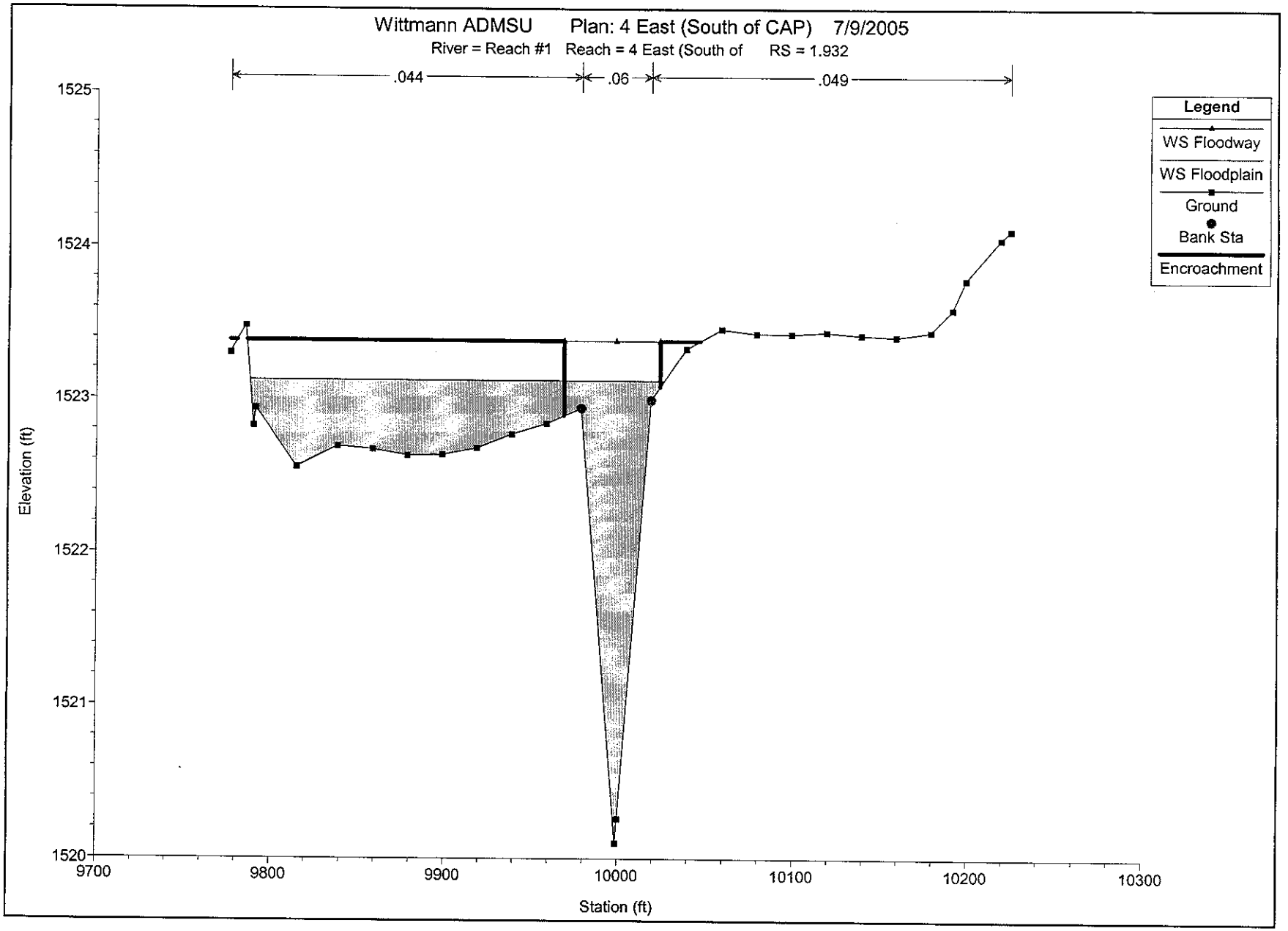

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 2.108
.039
.051
.039
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1534
1532
1530
1528
1526
1524
1522
9940
9960
9980
10000
10020
10040
10060
10080
10100
10120
Station (ft)

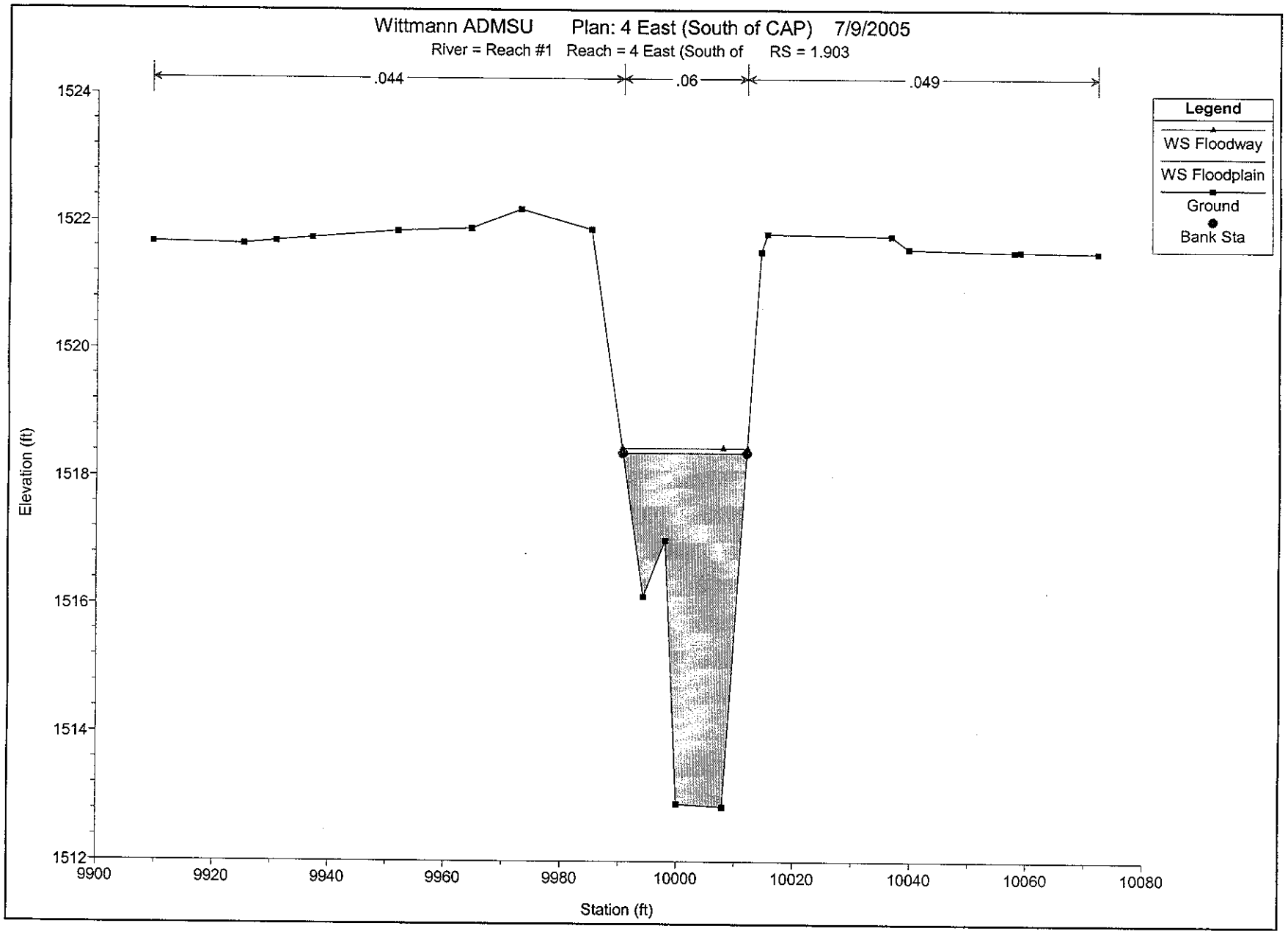

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 2.078
.039
.051
.039
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1532
1530
1528
1526
1524
1522
9900
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

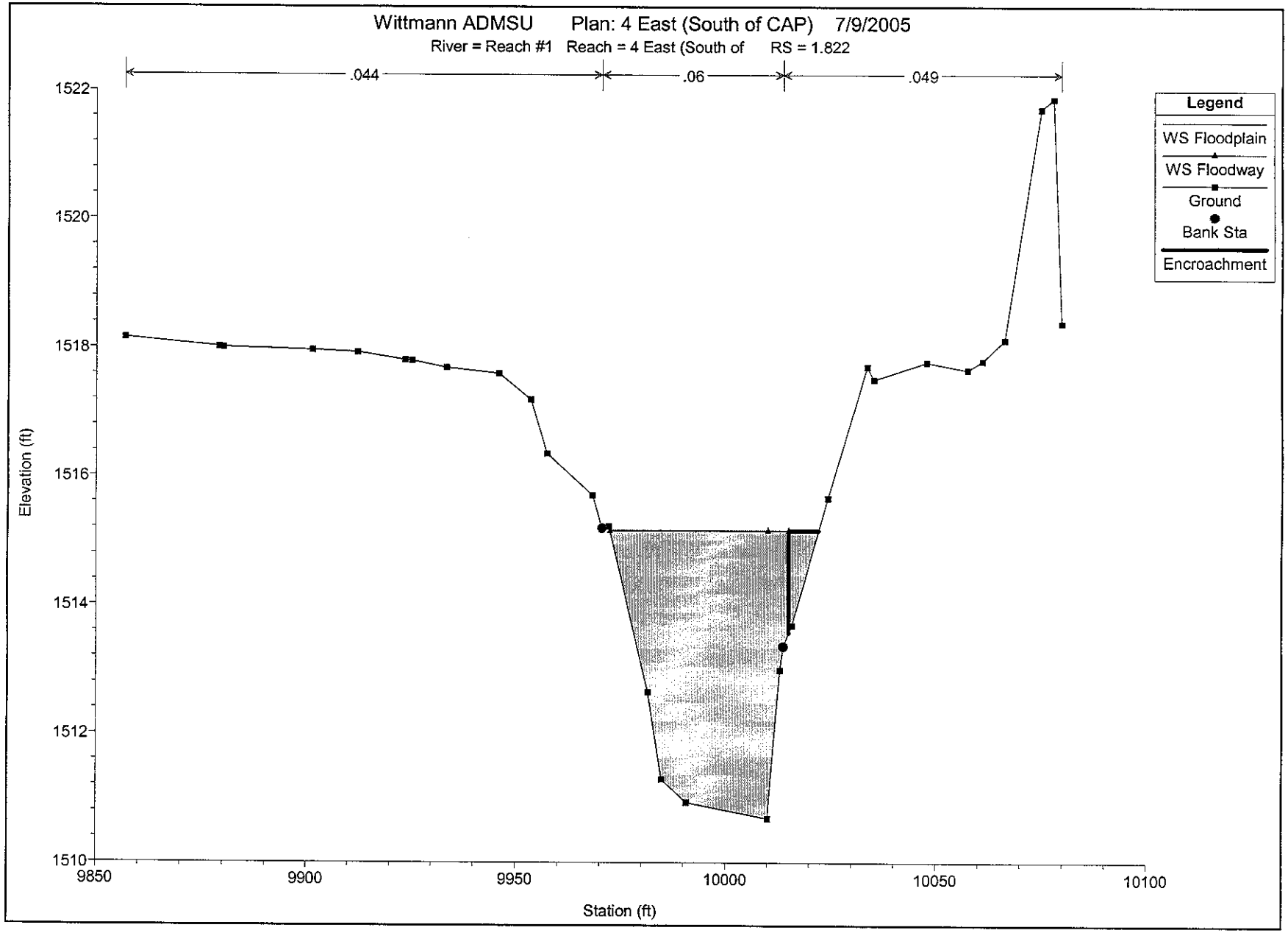

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 2.051
.039
.051
.039
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1530
1528
1526
1524
1522
1520
1518
9940
9960
9980
10000
10020
10040
10060
10080
10100
10120
Station (ft)

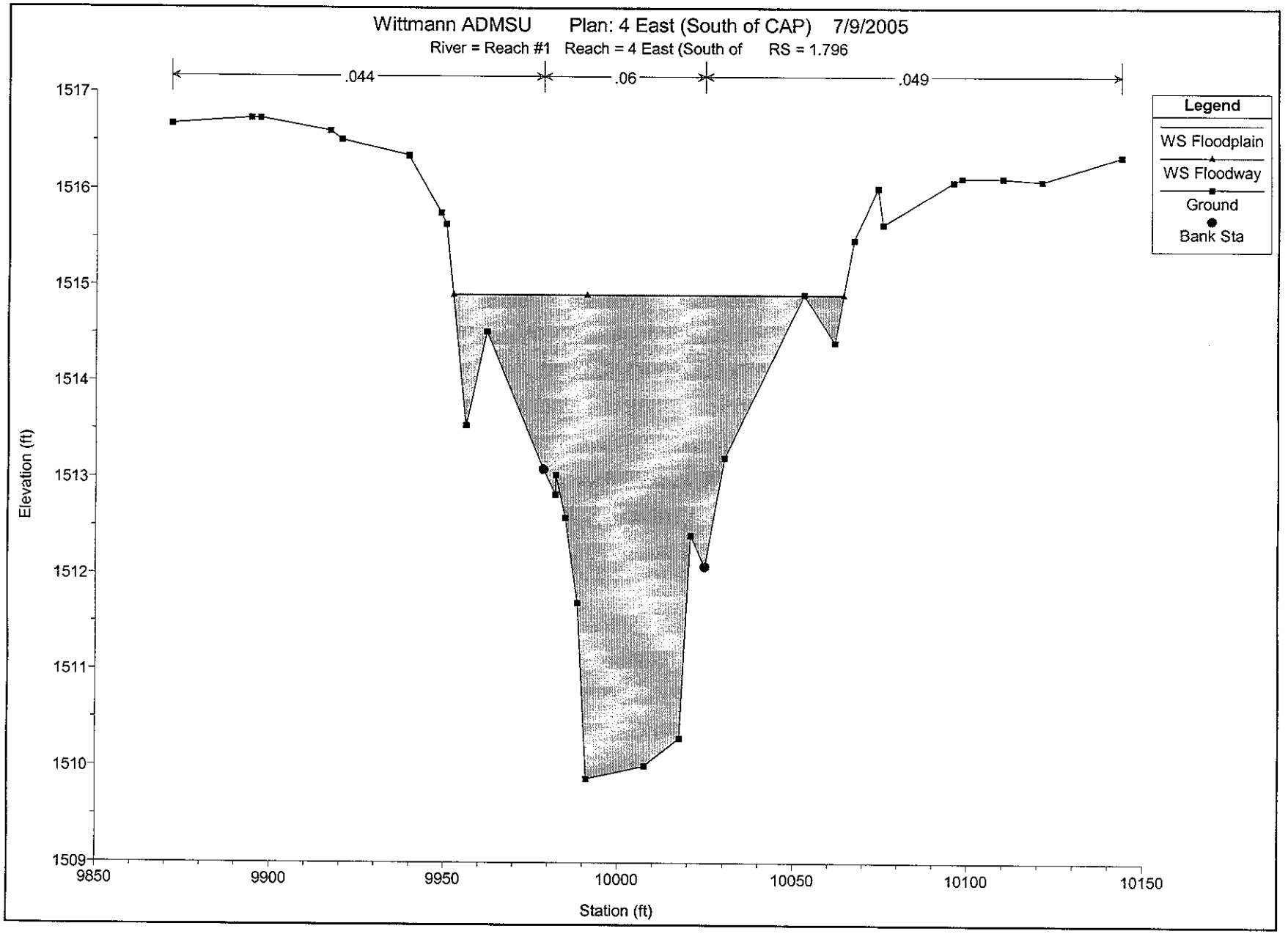

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.992
.039
.051
.039
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1528
1526
1524
1522
1520
1518
1516
9940
9960
9980
10000
10020
10040
10060
Station (ft)

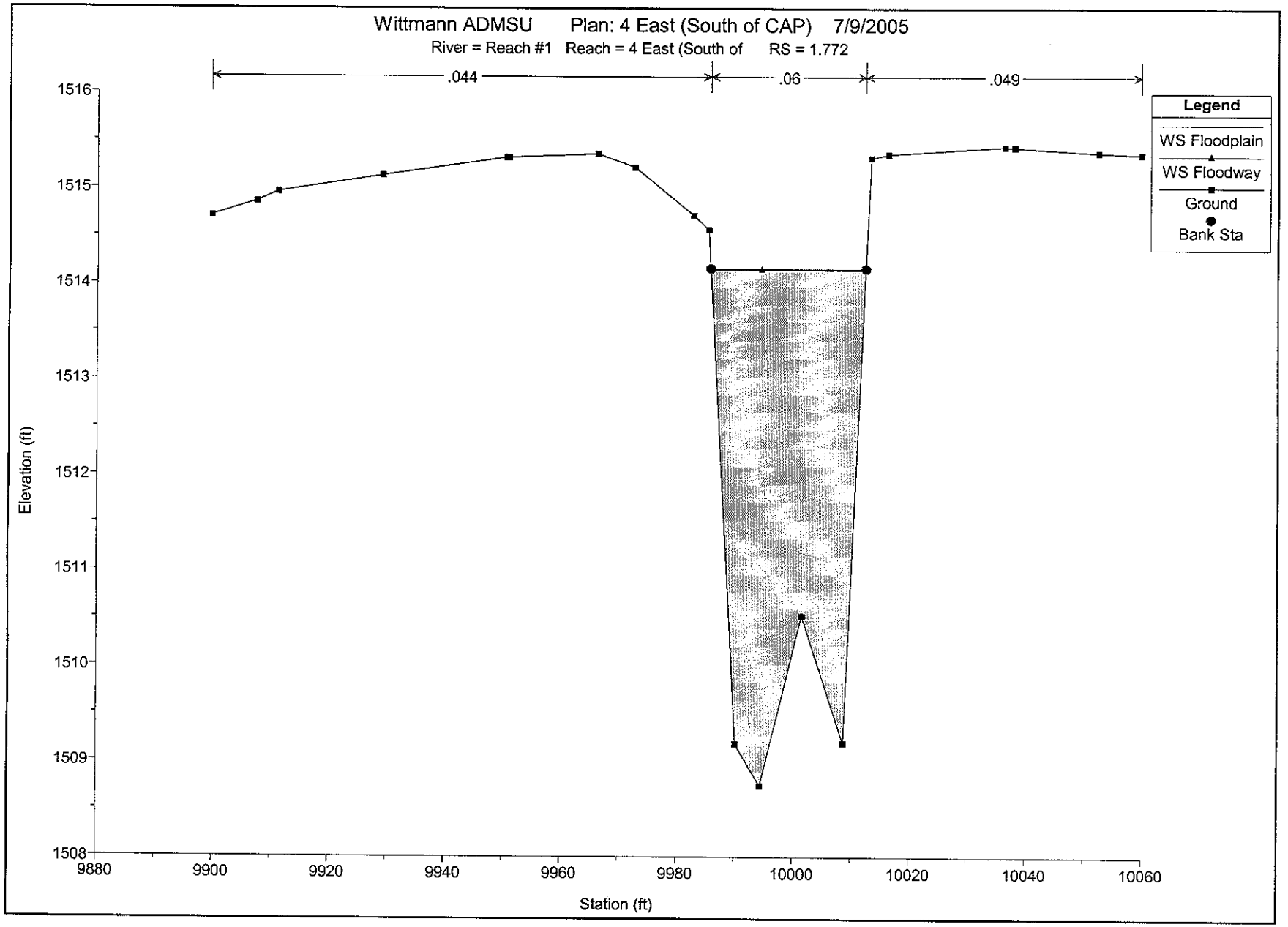

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.938
.039
.051
.039
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1526
1524
1522
1520
1518
1516
9750
9800
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

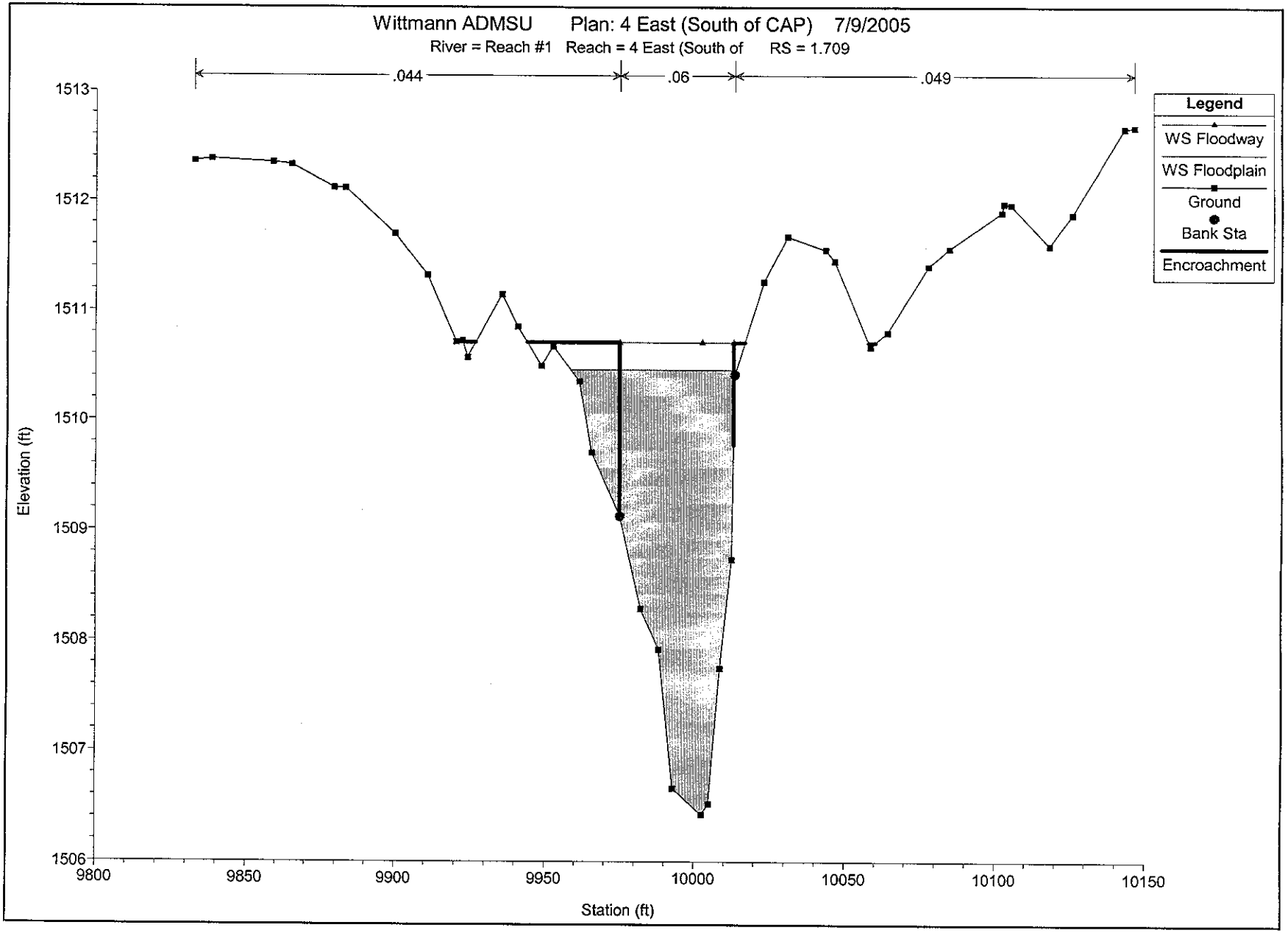

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.932
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1525
1524
1523
1522
1521
1520
9700
9800
9900
10000
10100
10200
10300
Station (ft)

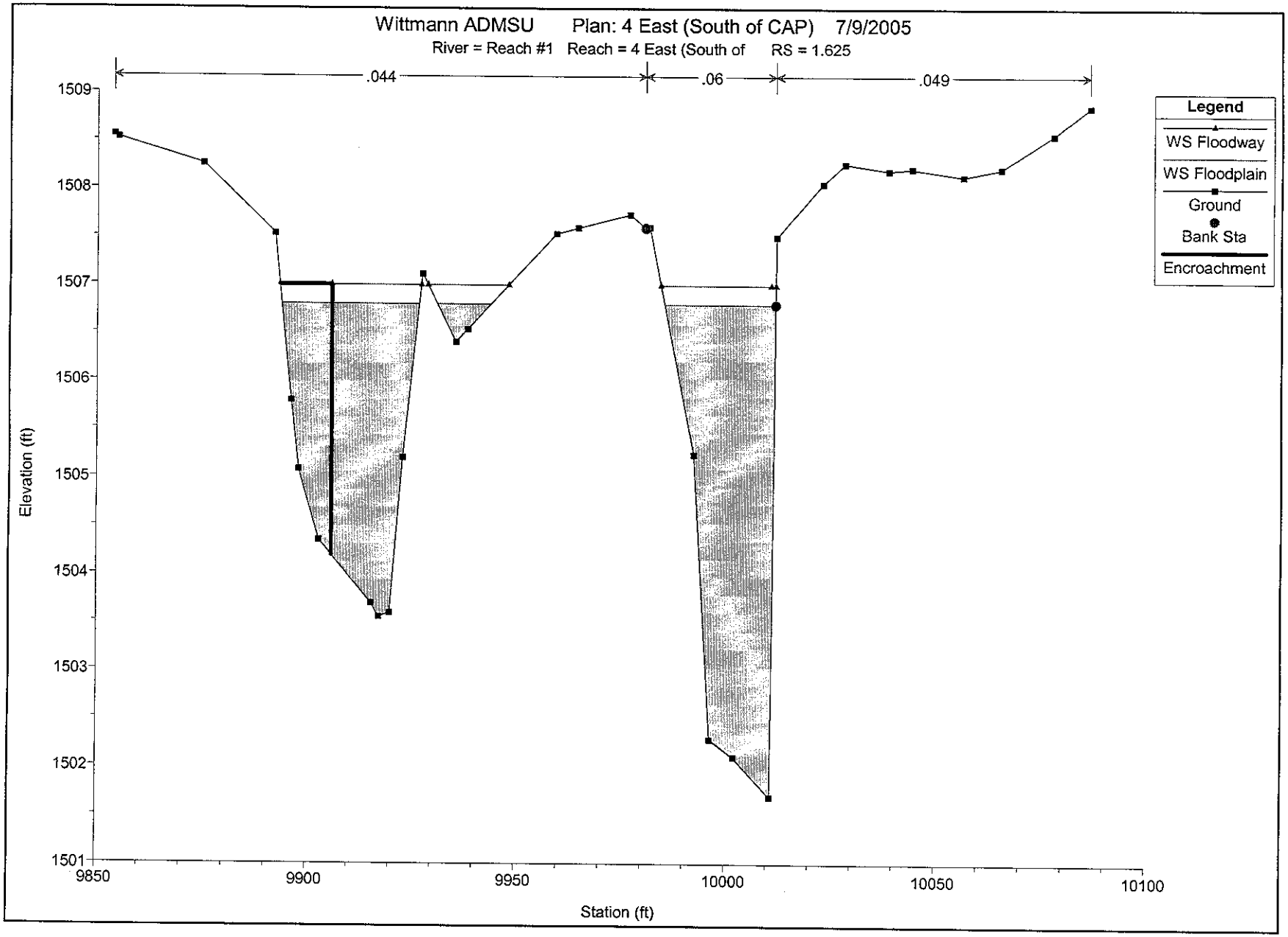

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.903
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1524
1522
1520
1518
1516
1514
1512
9900
9920
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

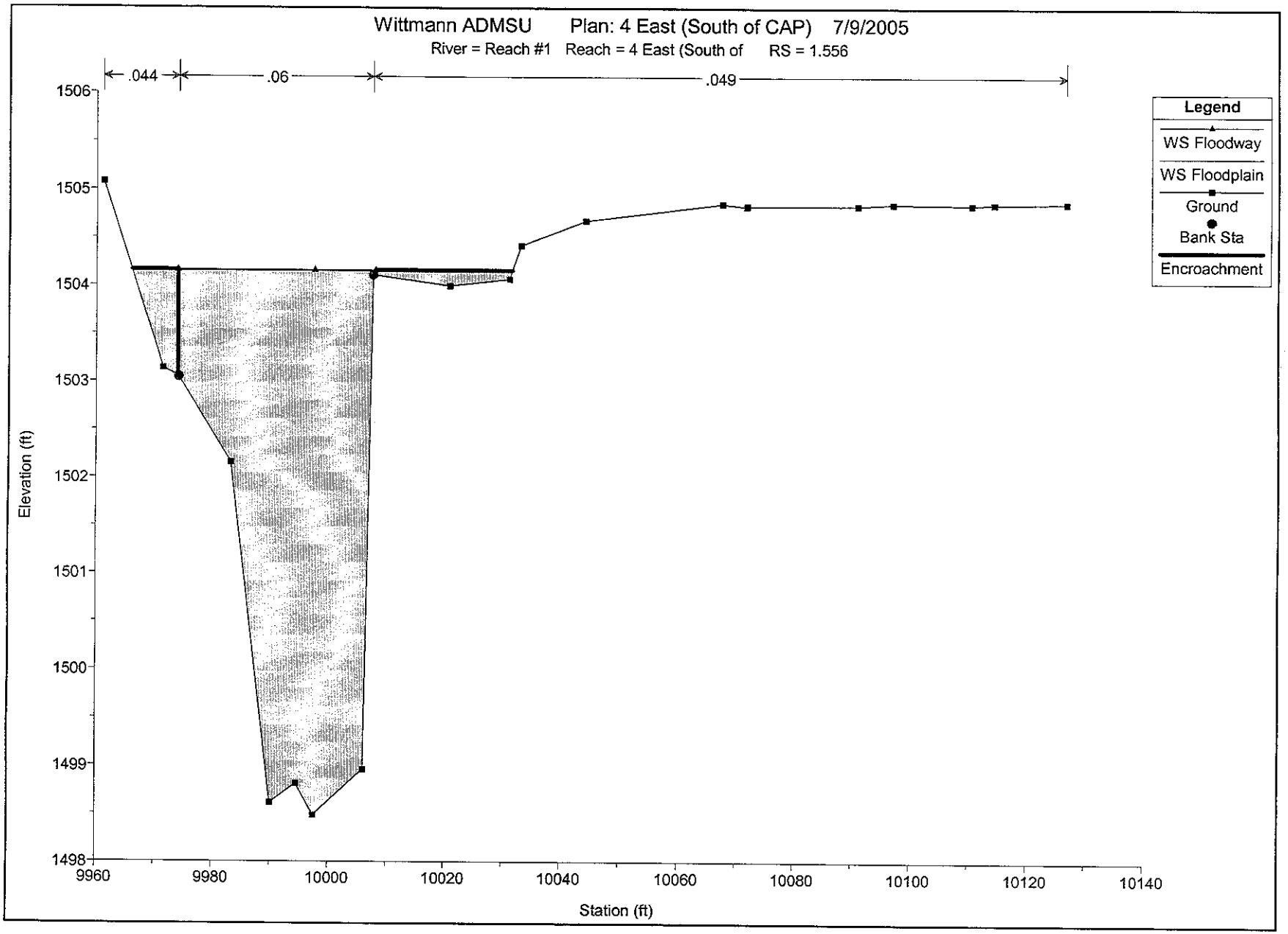

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.822
.044
.06
.049
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1522
1520
1518
1516
1514
1512
1510
9850
9900
9950
10000
10050
10100
Station (ft)

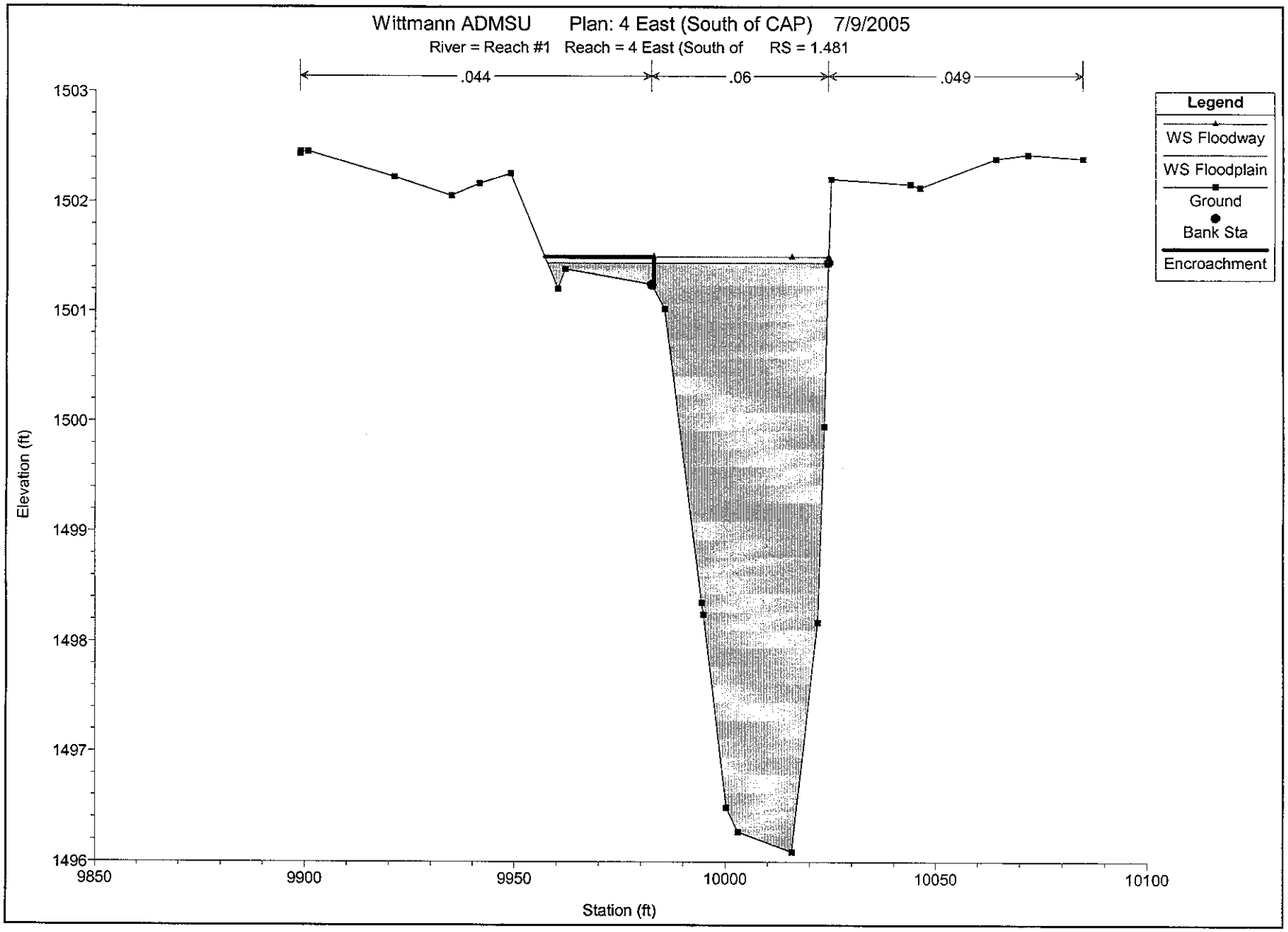

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.796
.044
.06
.049
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1517
1516
1515
1514
1513
1512
1511
1510
1509
9850
9900
9950
10000
10050
10100
10150
Station (ft)

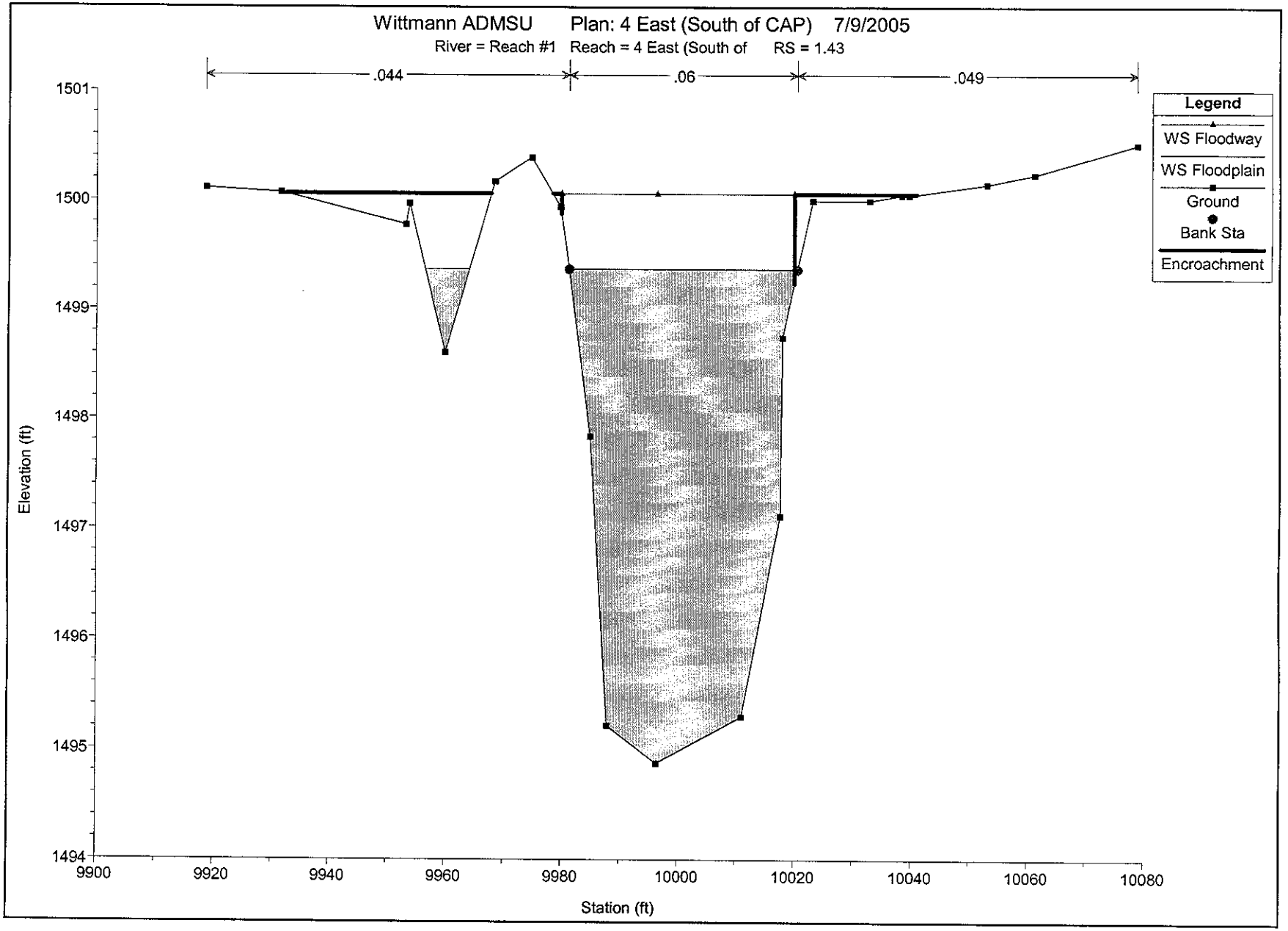

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.772
.044
.06
.049
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1516
1515
1514
1513
1512
1511
1510
1509
1508
9880
9900
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

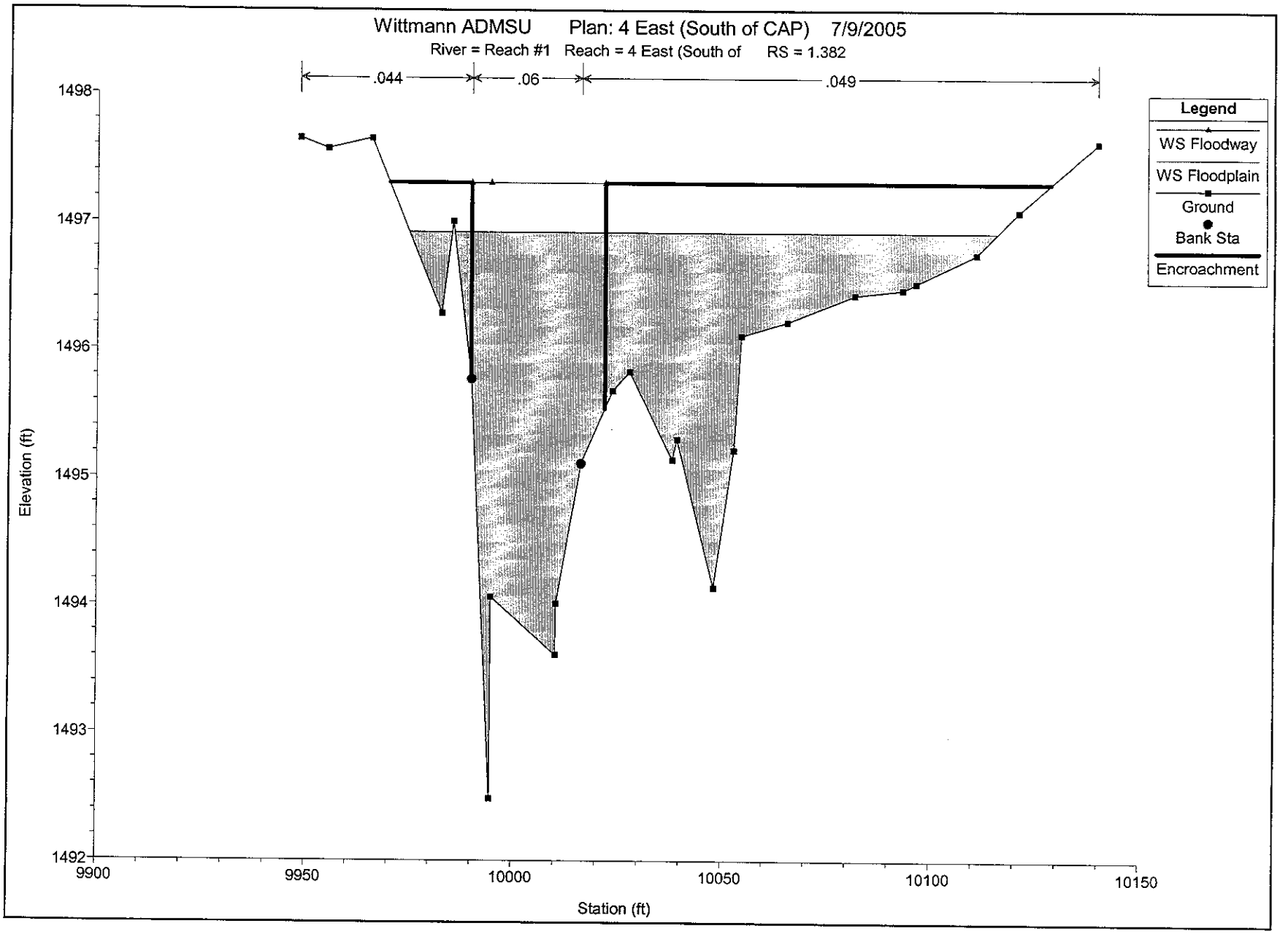

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.709
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1513
1512
1511
1510
1509
1508
1507
1506
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

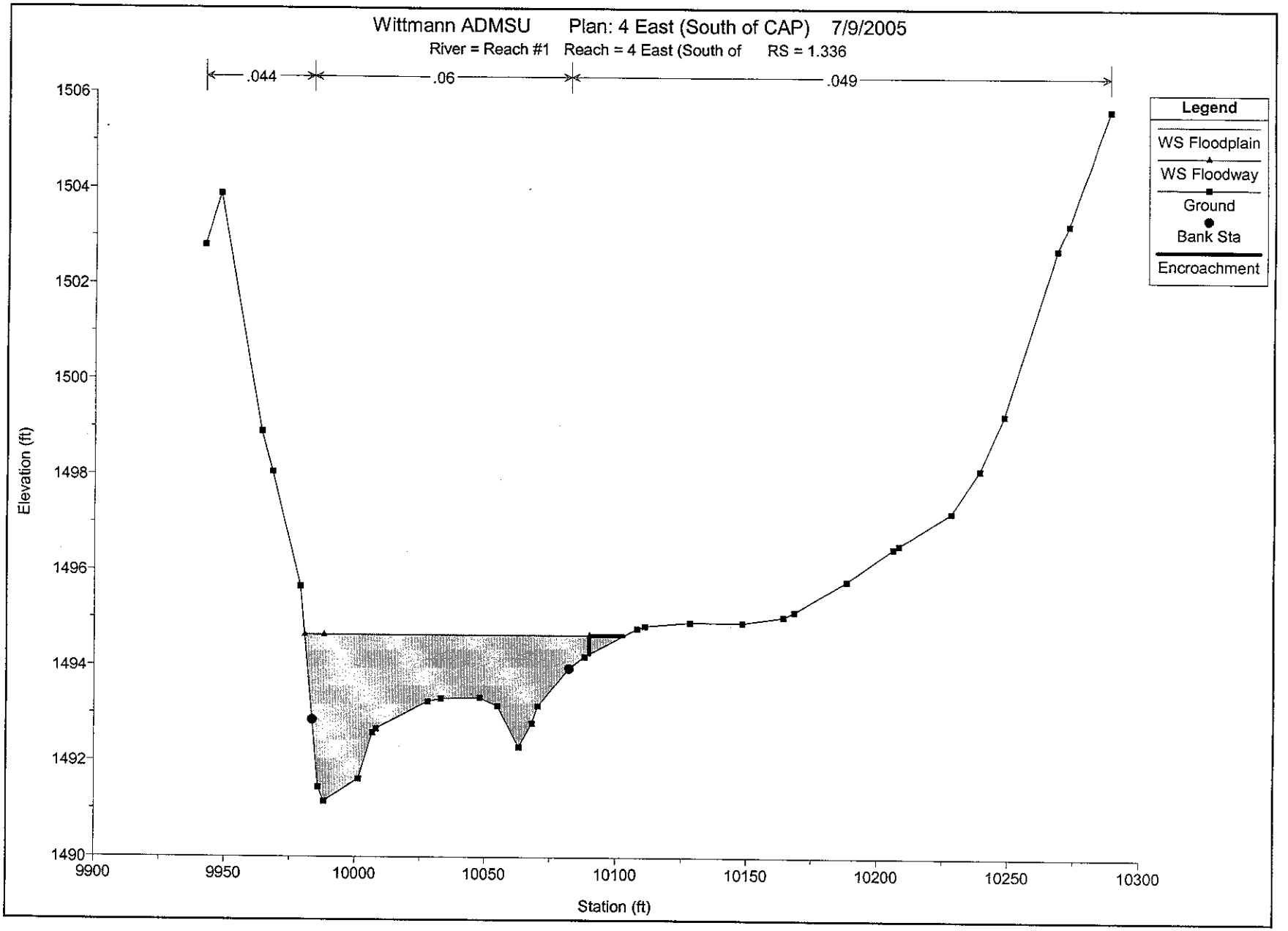

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.625
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1509
1508
1507
1506
1505
1504
1503
1502
1501
9850
9900
9950
10000
10050
10100
Station (ft)

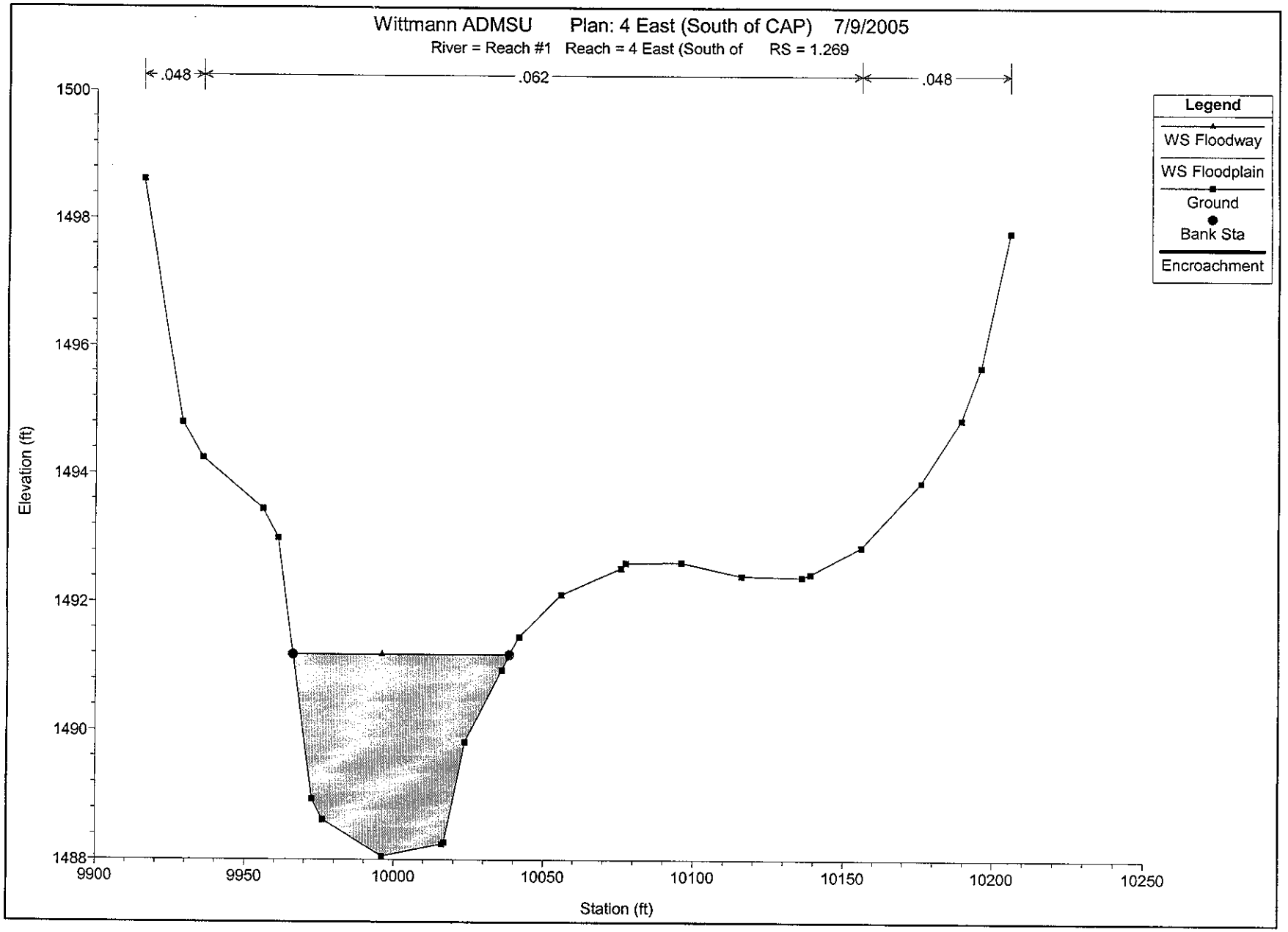

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.556
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1506
1505
1504
1503
1502
1501
1500
1499
1498
9960
9980
10000
10020
10040
10060
10080
10100
10120
10140
Station (ft)

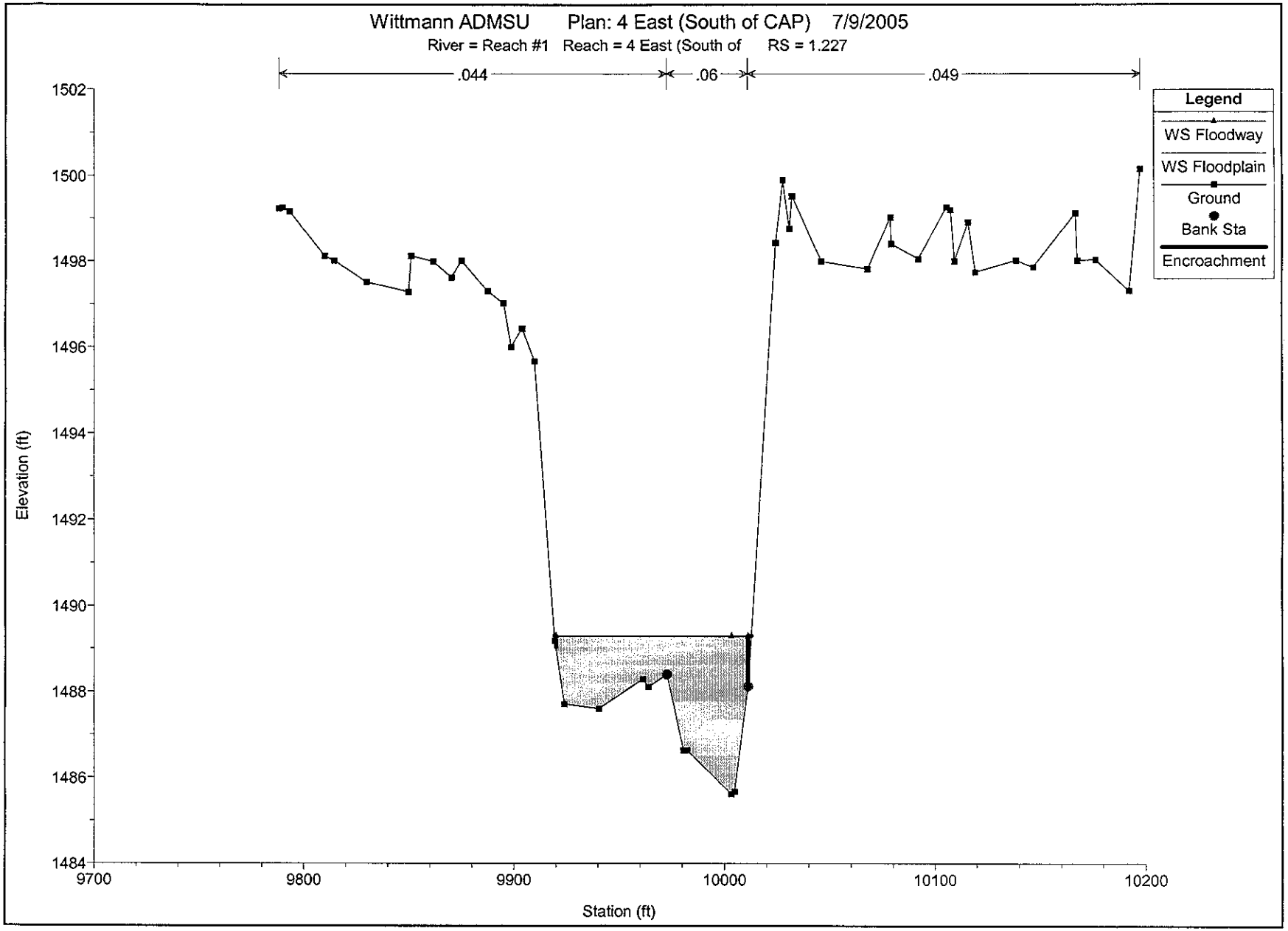

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.481
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1503
1502
1501
1500
1499
1498
1497
1496
9850
9900
9950
10000
10050
10100
Station (ft)

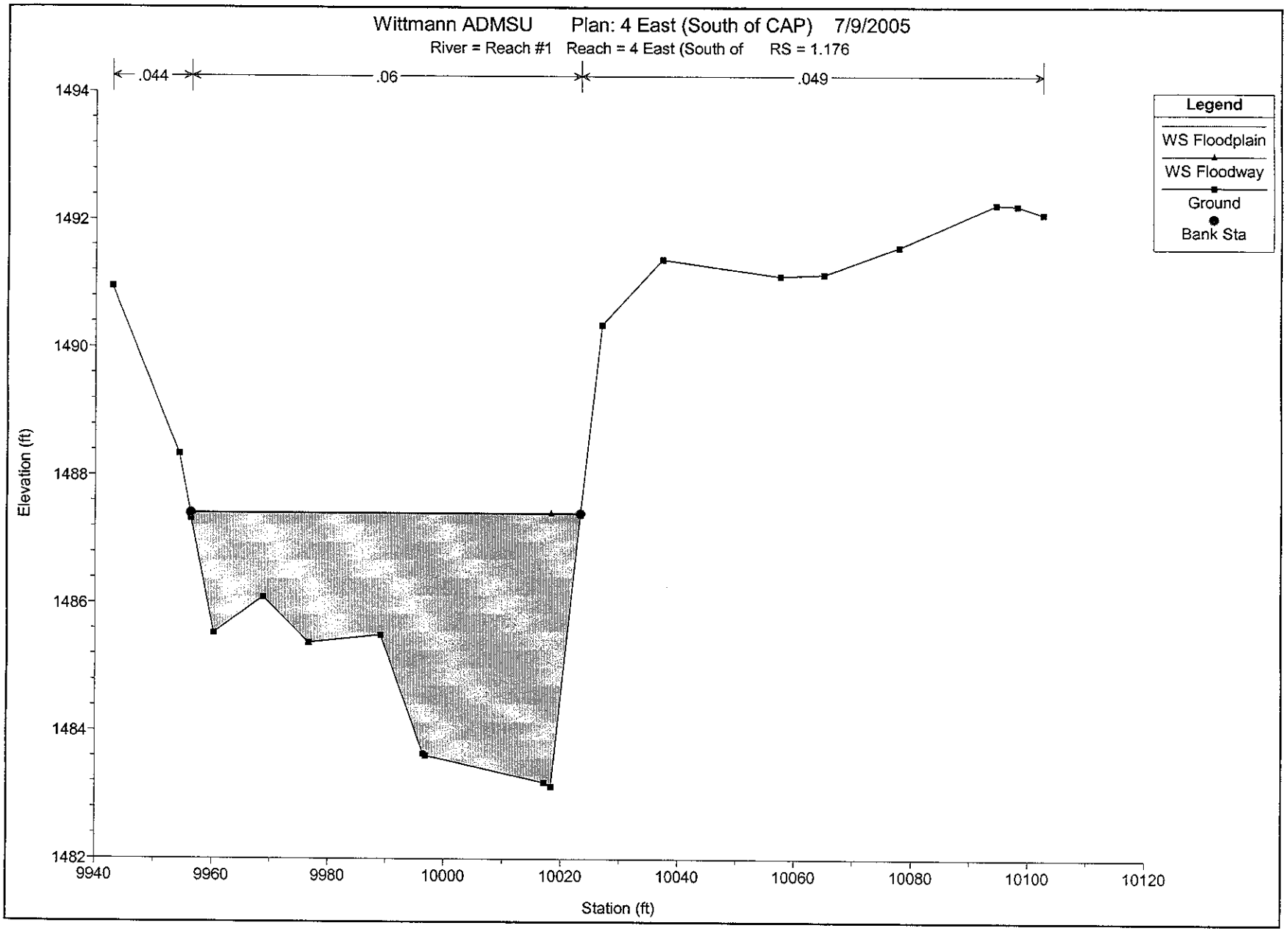

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.43
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1501
1500
1499
1498
1497
1496
1495
1494
9900
9920
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

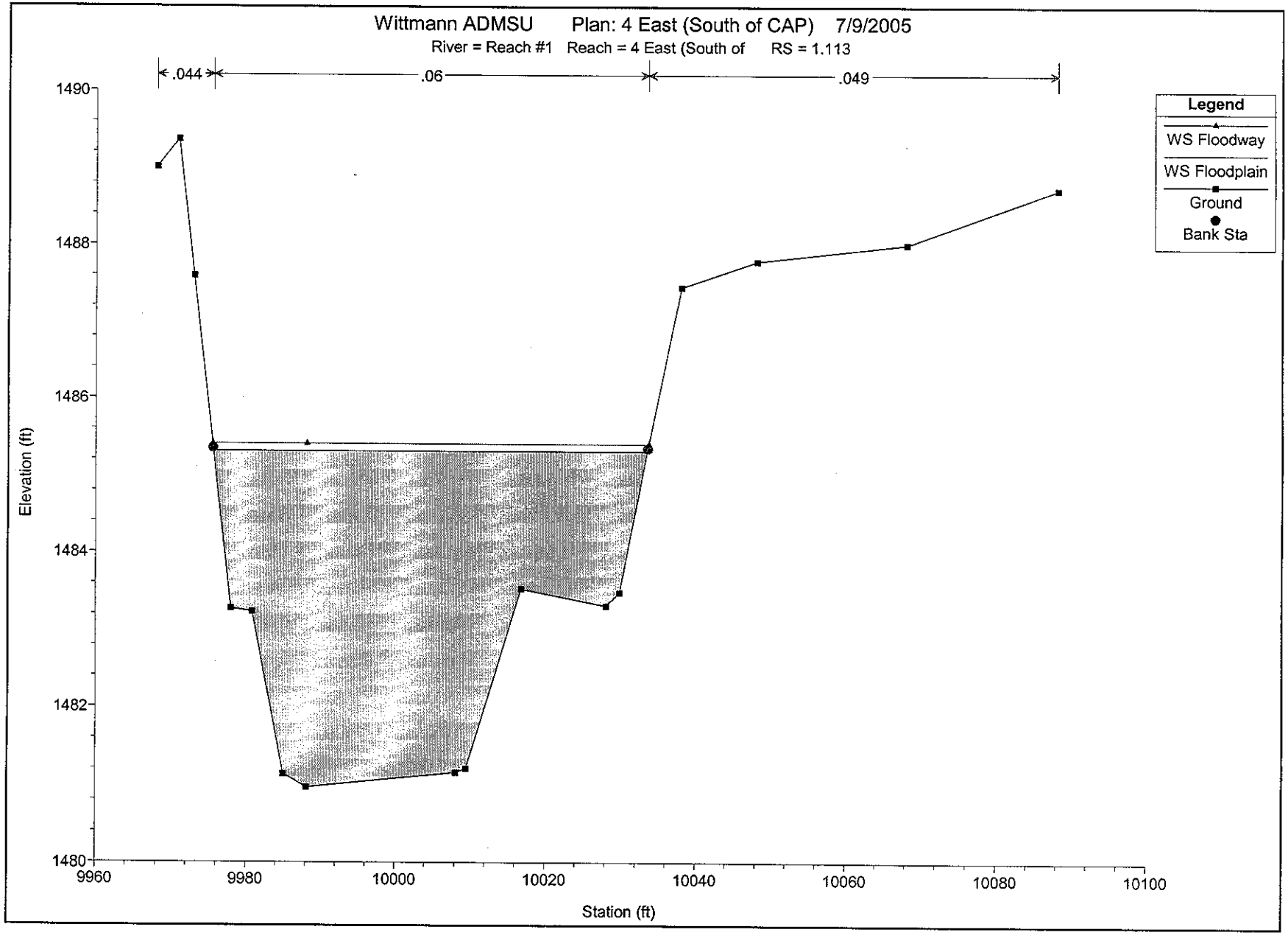

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.382
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1497
1496
1495
1494
1493
1492
9900
9950
10000
10050
10100
10150
Station (ft)

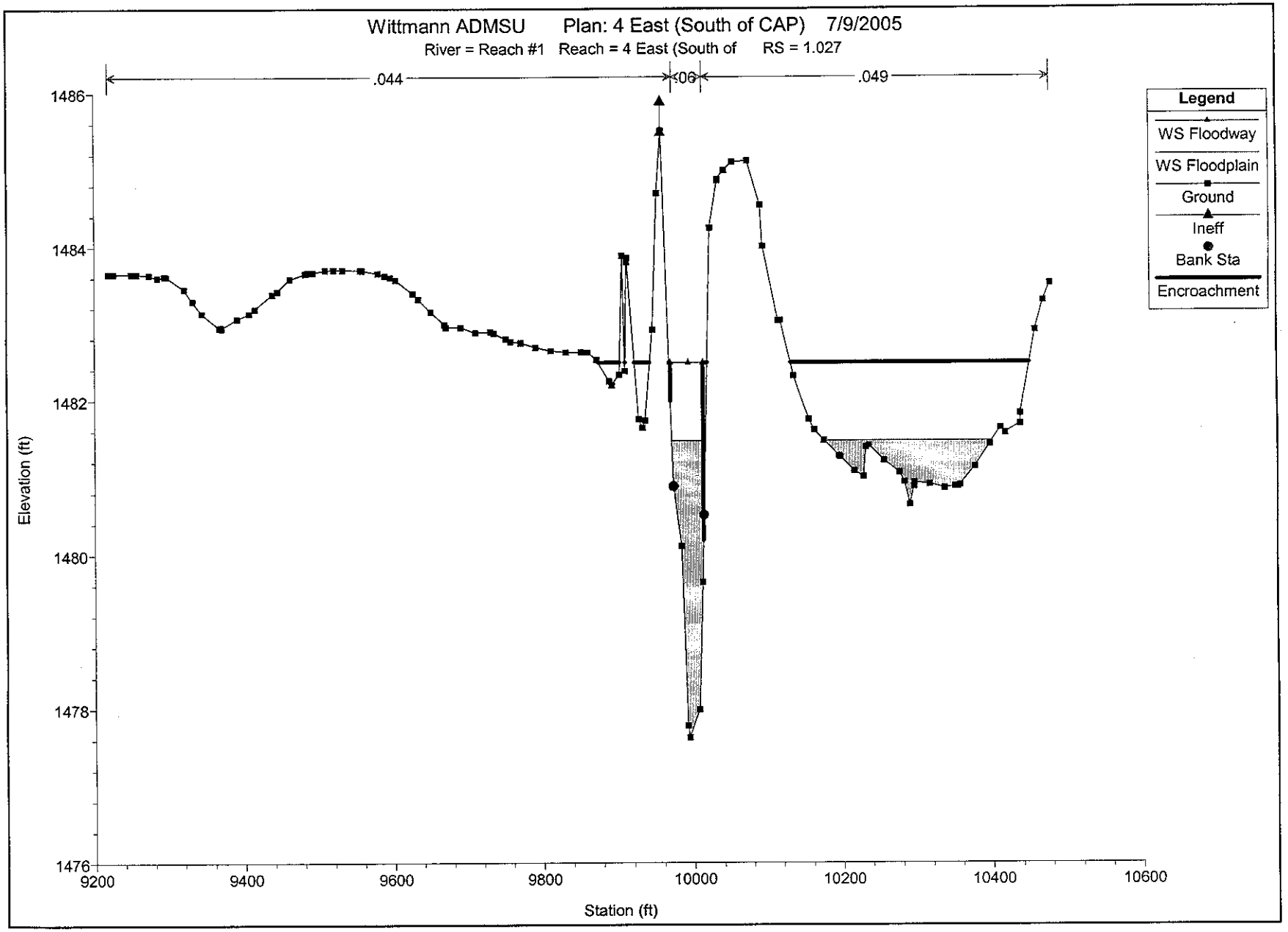

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.336
.044
.06
.049
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1506
1504
1502
1500
1498
1496
1494
1492
1490
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station (ft)

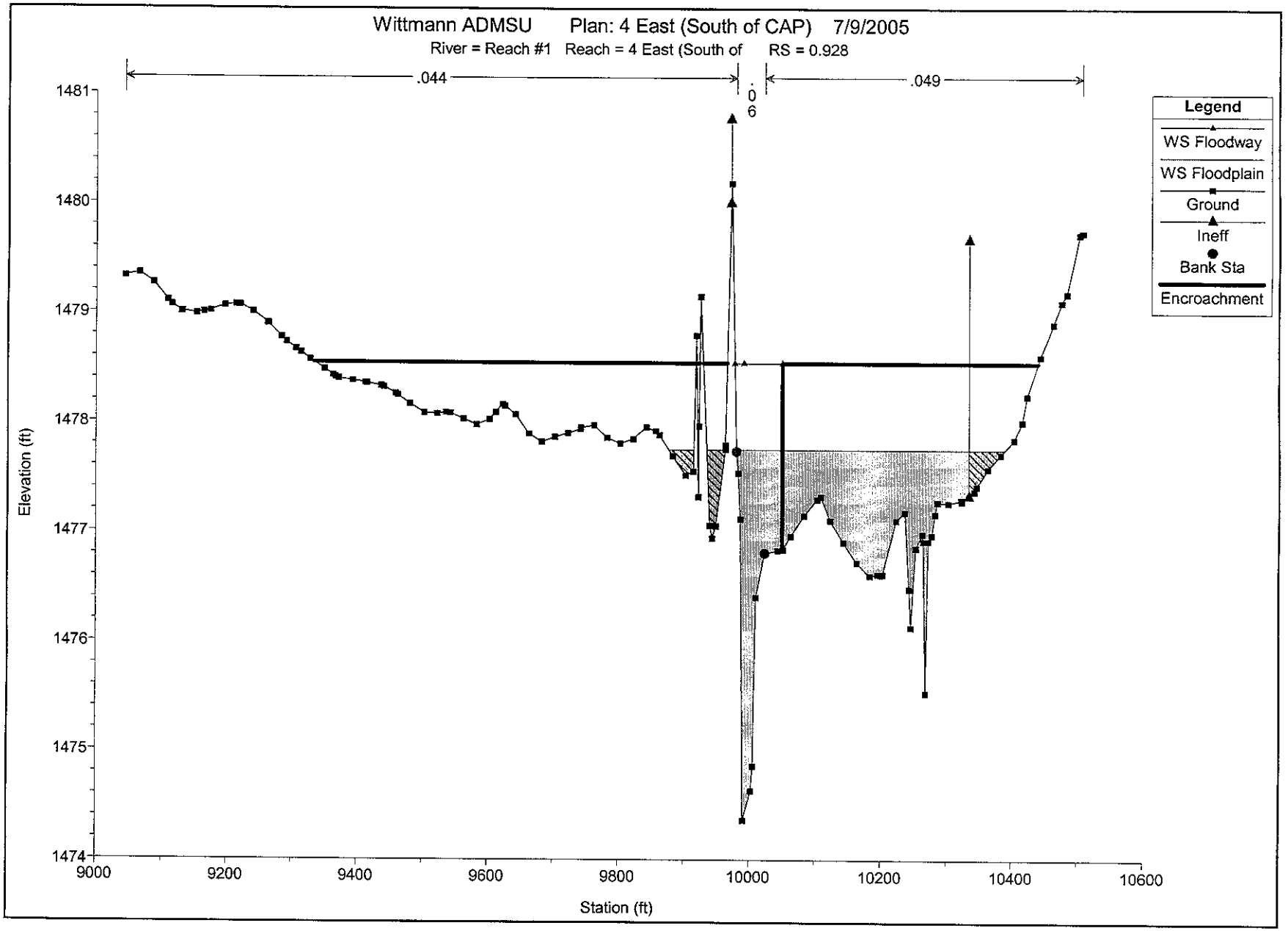

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.269
.048
.062
.048
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1500
1498
1496
1494
1492
1490
1488
9900
9950
10000
10050
10100
10150
10200
10250
Station (ft)

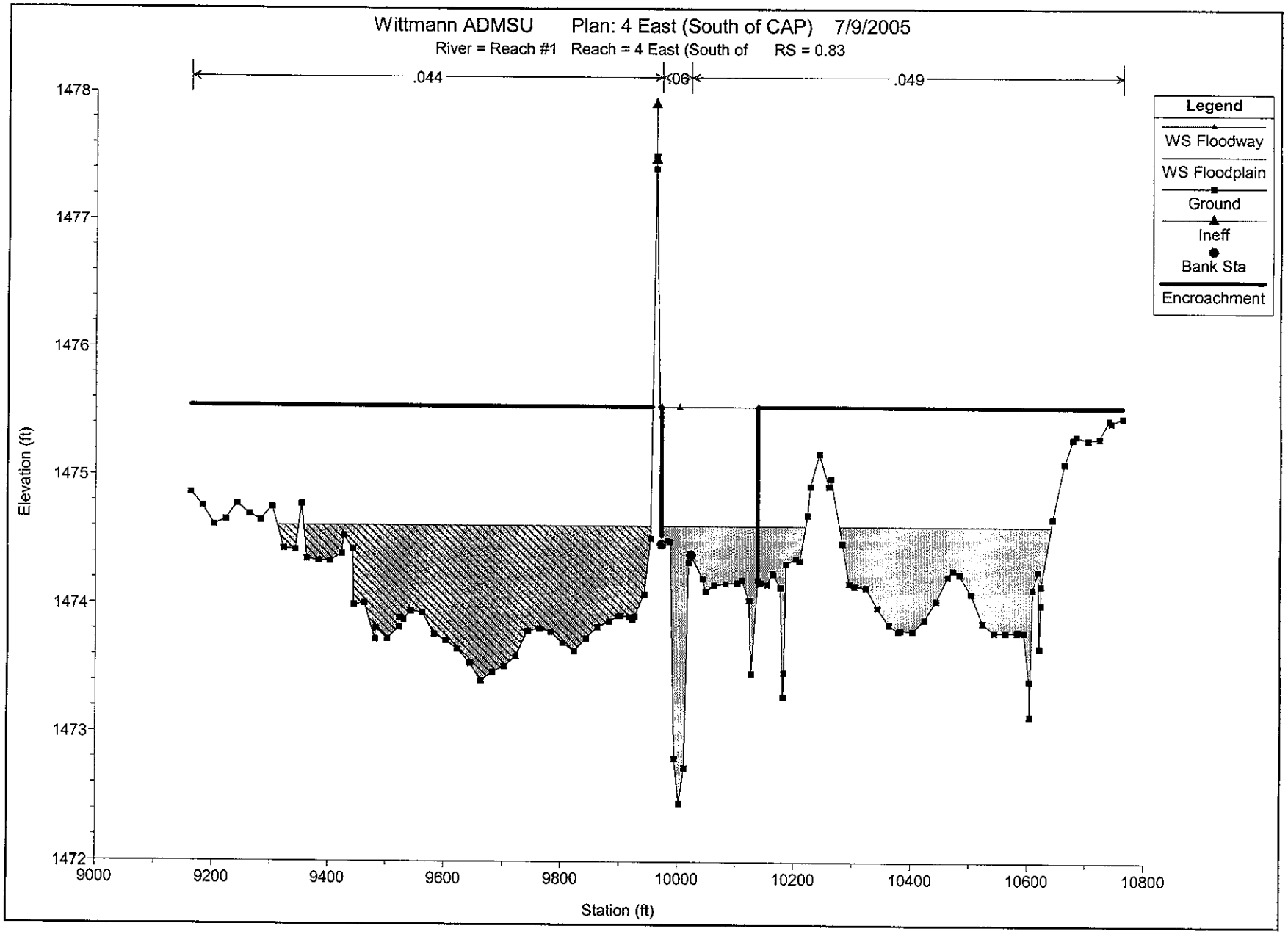

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.227
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1502
1500
1498
1496
1494
1492
1490
1488
1486
1484
9700
9800
9900
10000
10100
10200
Station (ft)

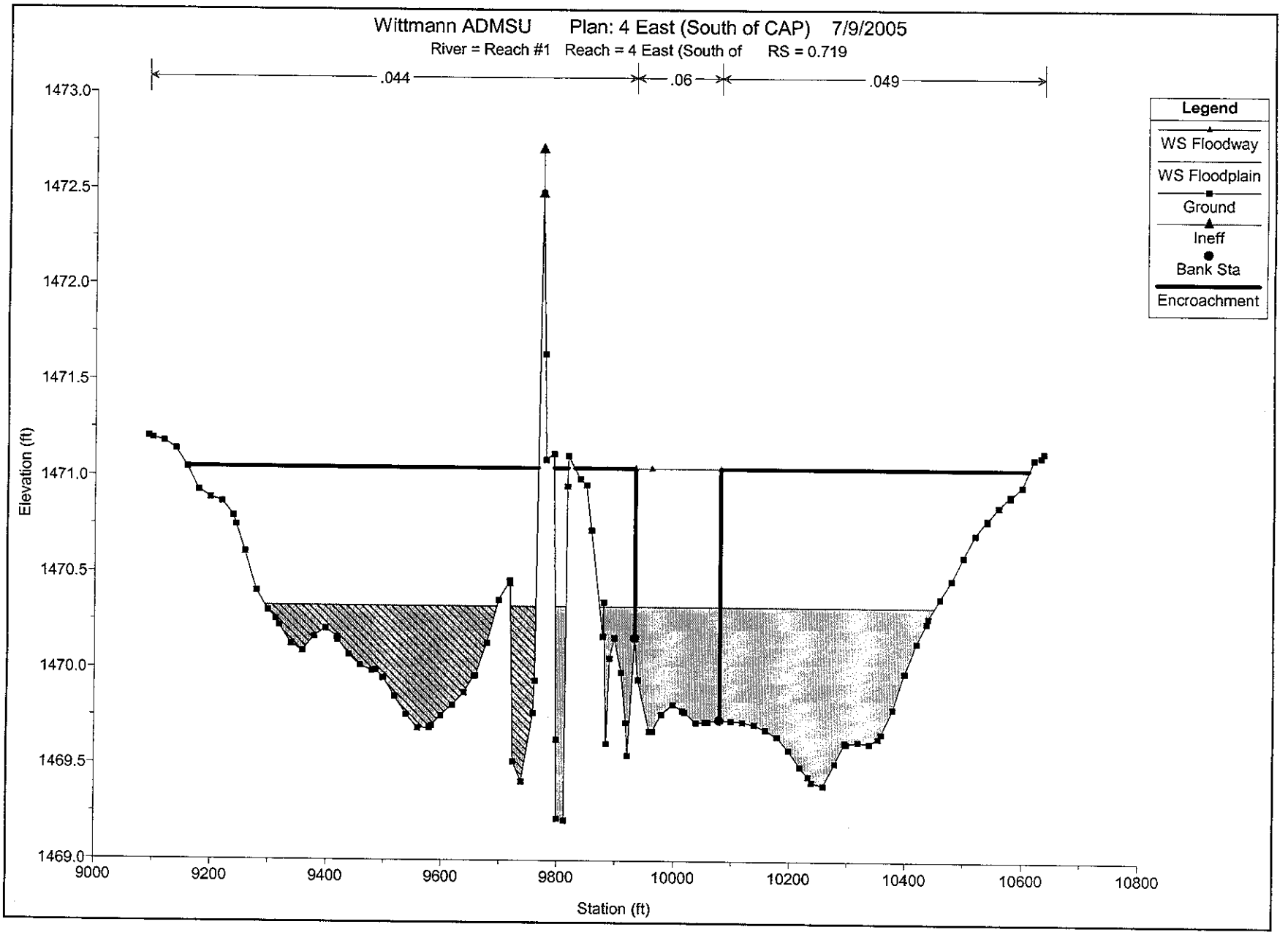

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.176
.044
.06
.049
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1494
1492
1490
1488
1486
1484
1482
9940
9960
9980
10000
10020
10040
10060
10080
10100
10120
Station (ft)

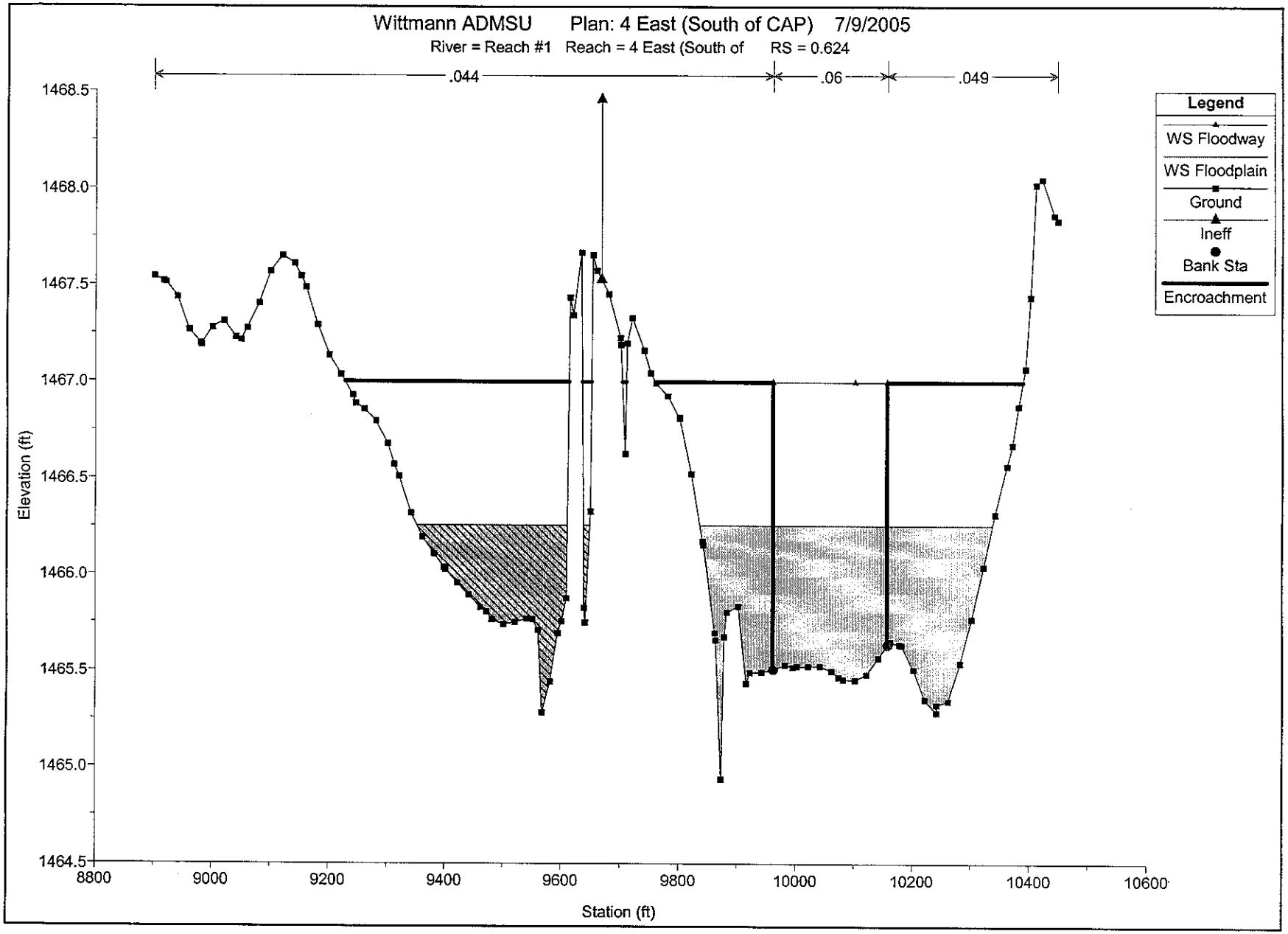

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.113
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1490
1488
1486
1484
1482
1480
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

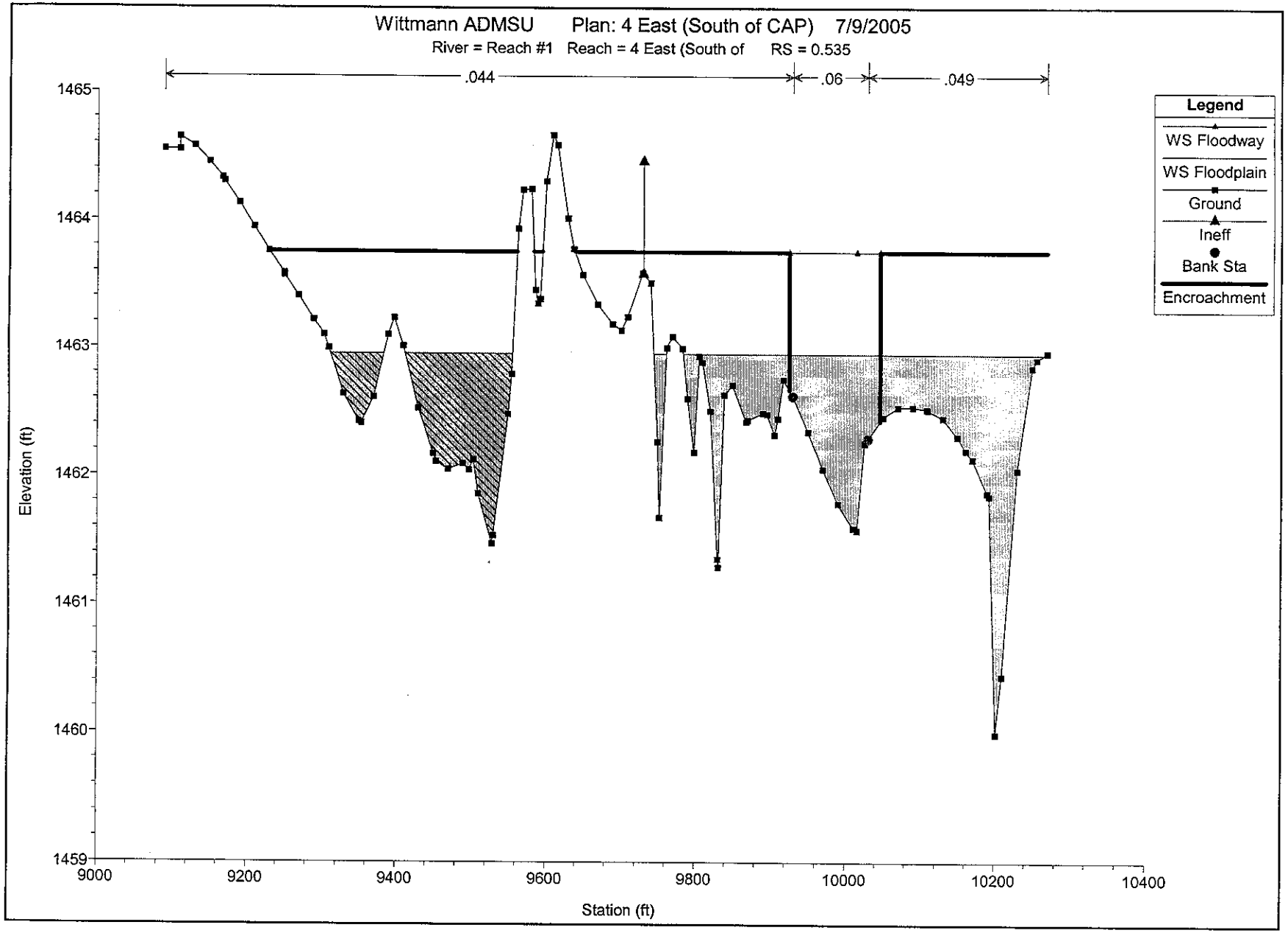

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.027
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1486
1484
1482
1480
1478
1476
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

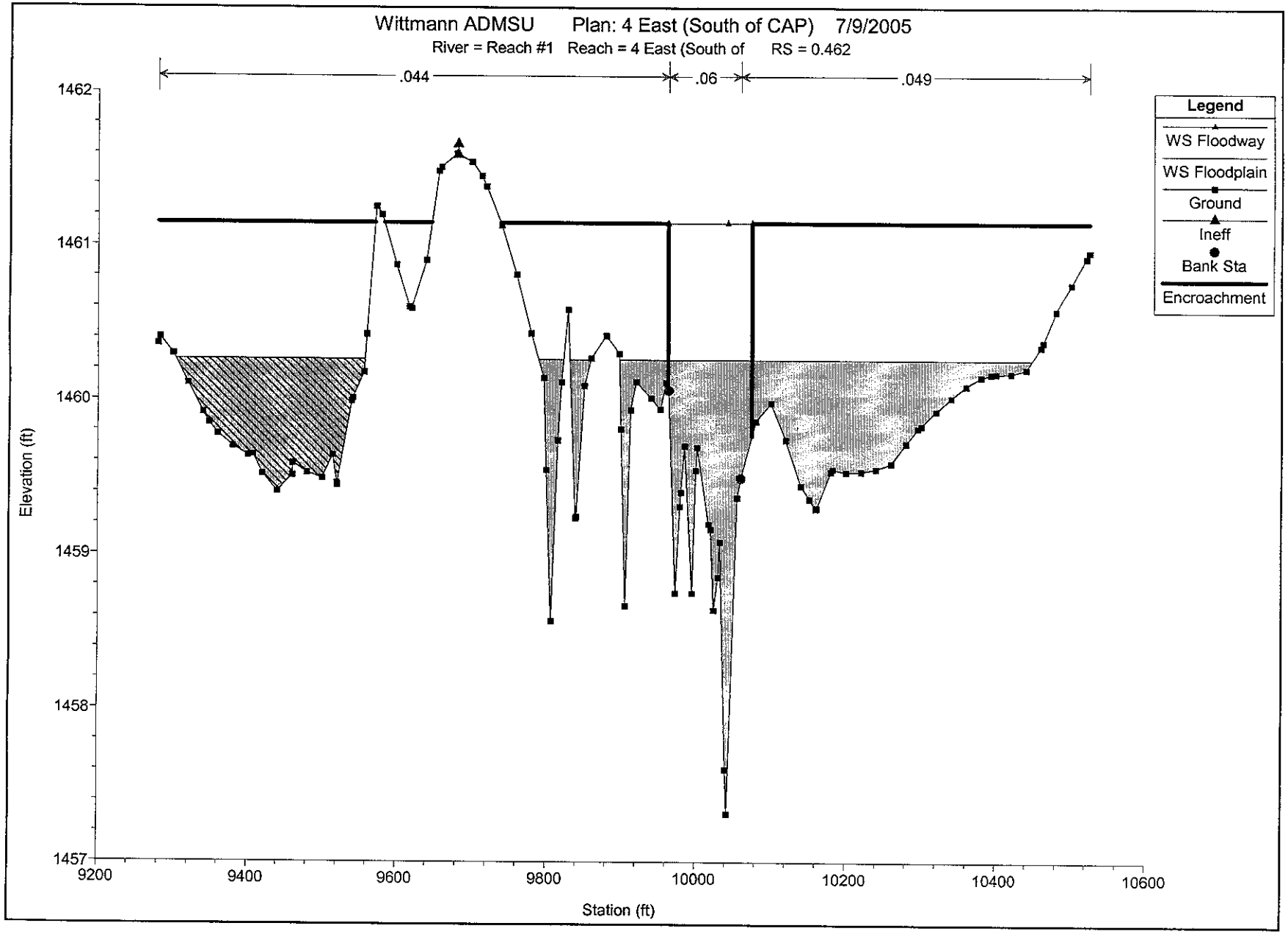

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.928
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1481
1480
1479
1478
1477
1476
1475
1474
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

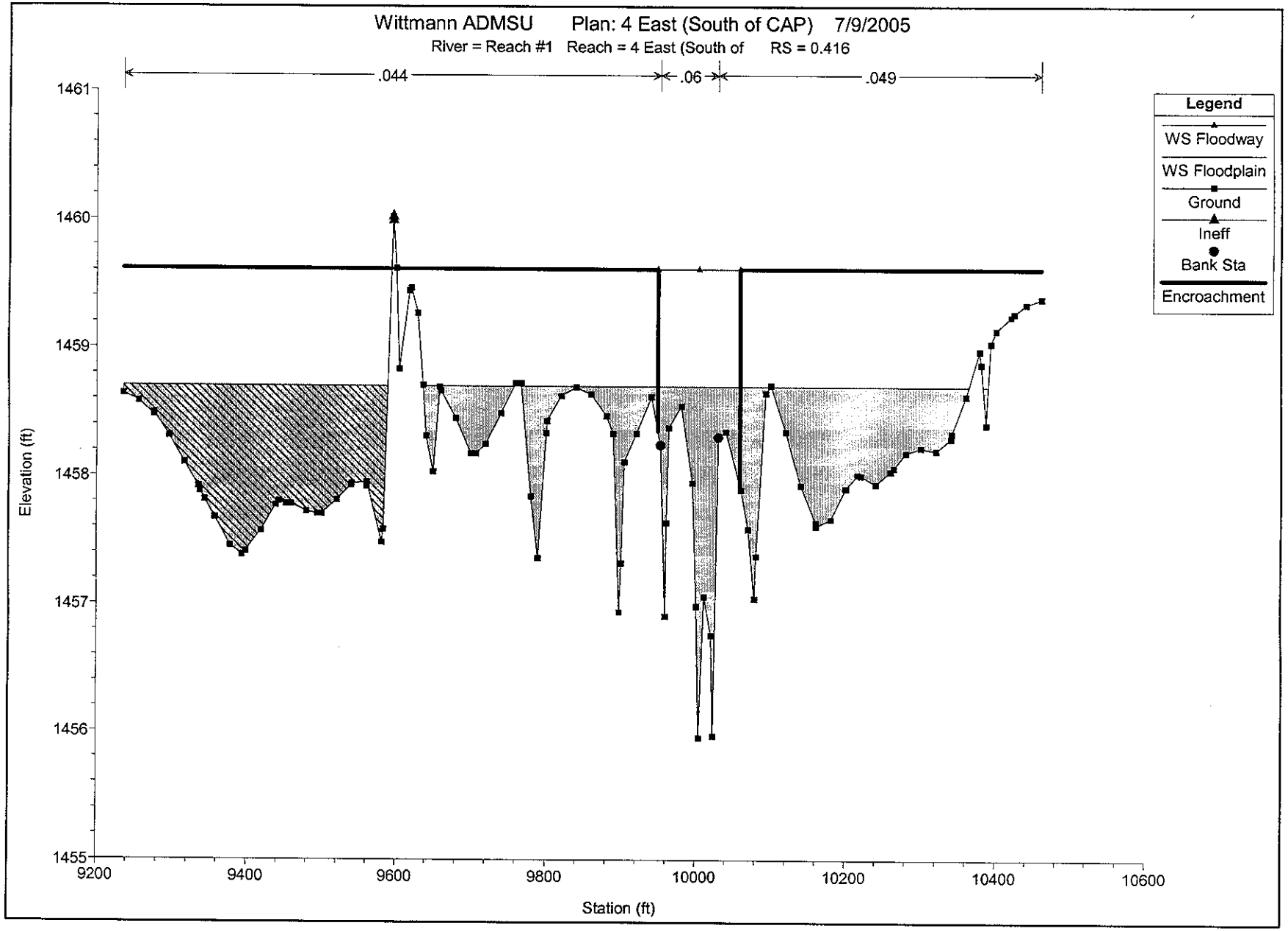

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.83
.044
.00
.049
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1478
1477
1476
1475
1474
1473
1472
9000
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

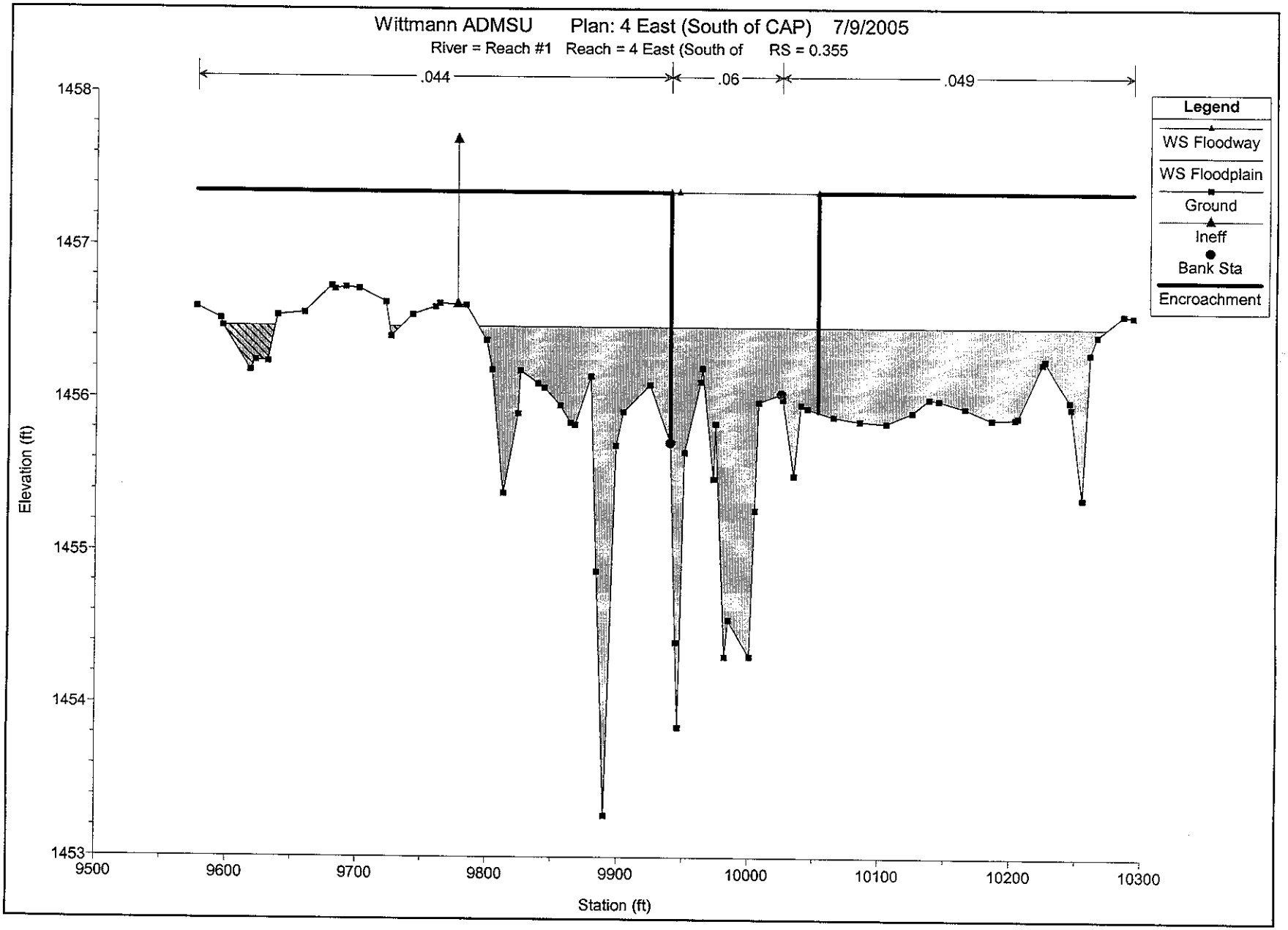

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.719
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1473.0
1472.5
1472.0
1471.5
1471.0
1470.5
1470.0
1469.5
1469.0
9000
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

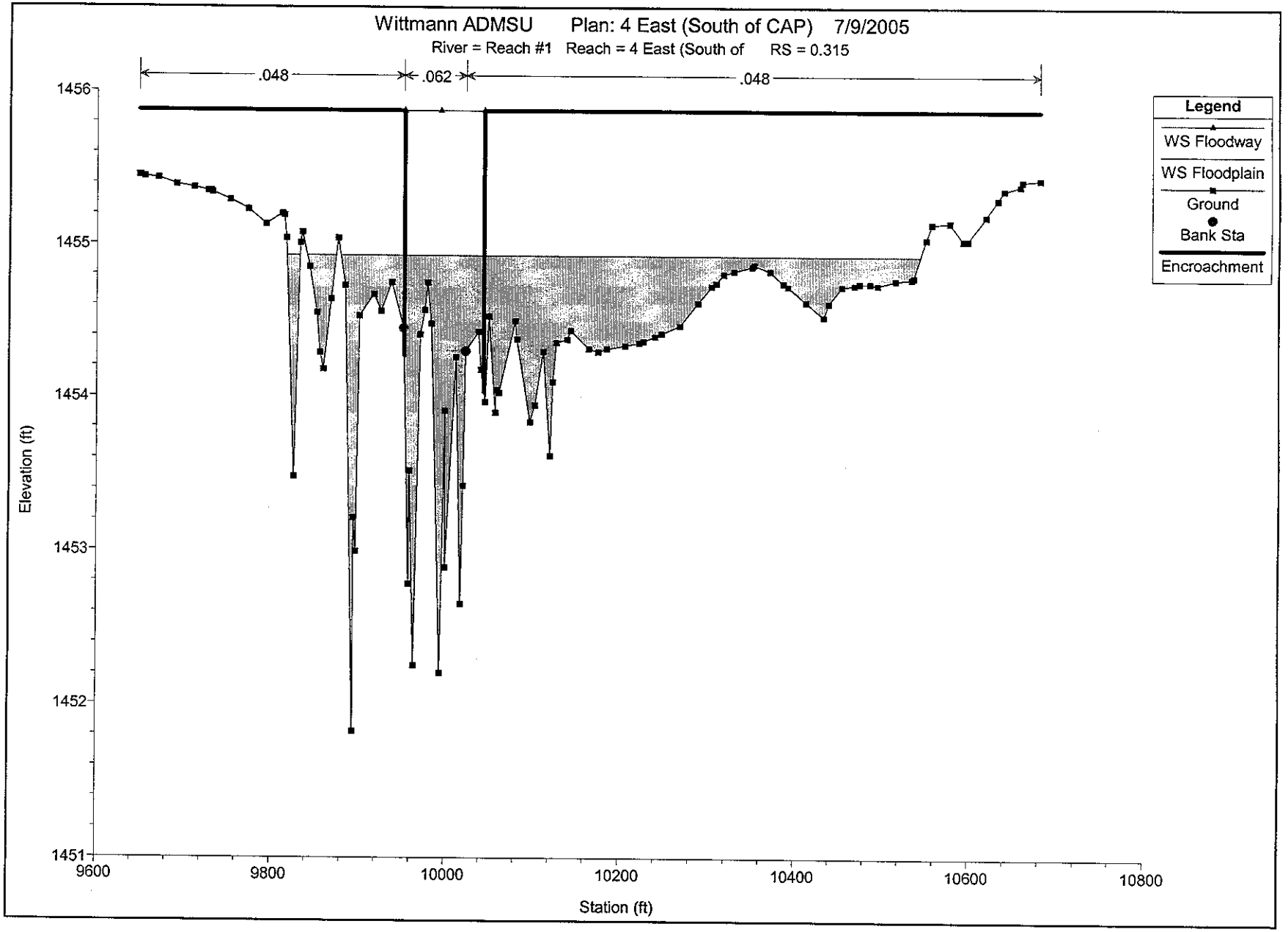

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.624
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1468.5
1468.0
1467.5
1467.0
1466.5
1466.0
1465.5
1465.0
1464.5
8800
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

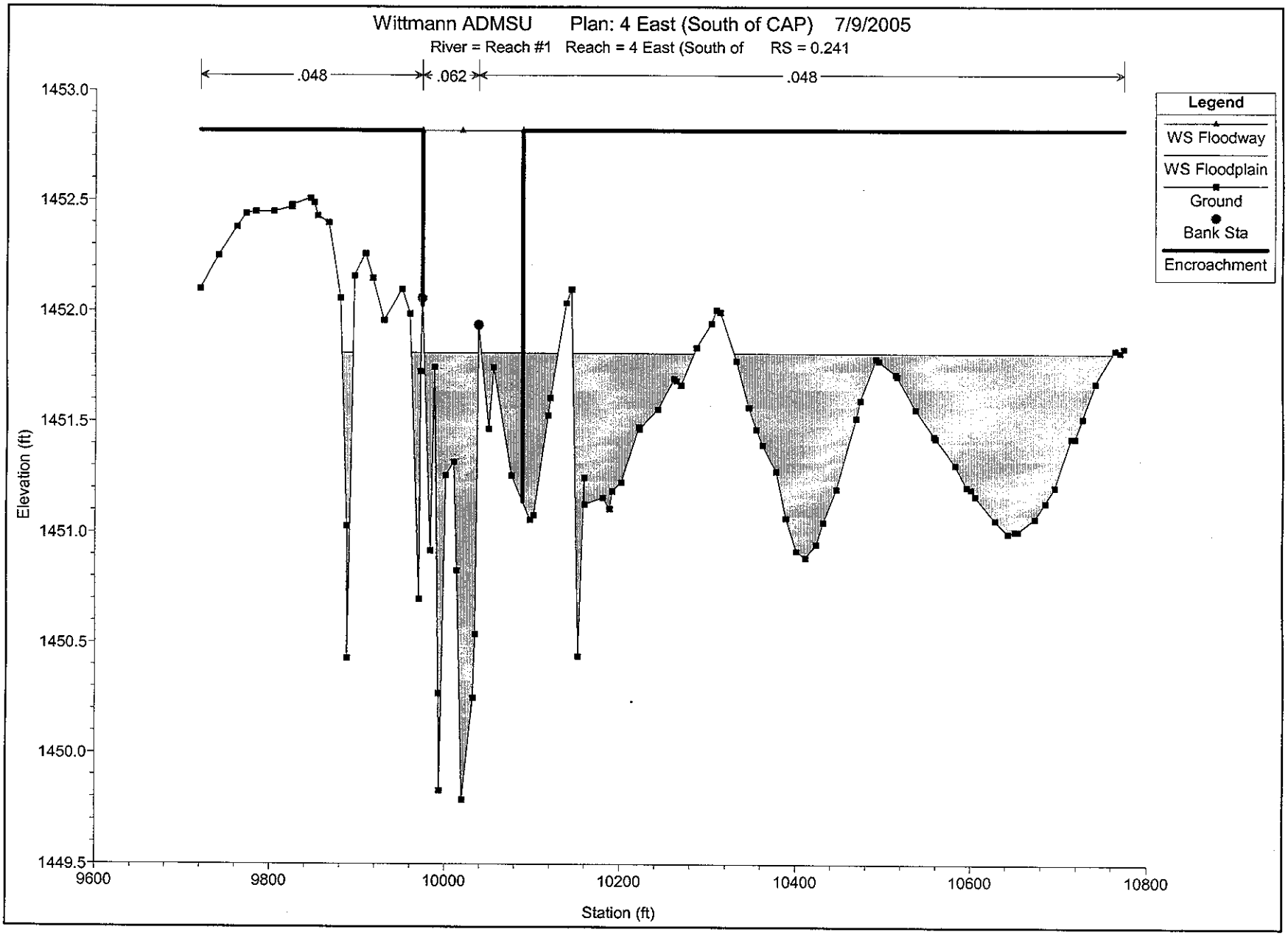

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.535
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1465
1464
1463
1462
1461
1460
1459
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)


Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.462
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1462
1461
1460
1459
1458
1457
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

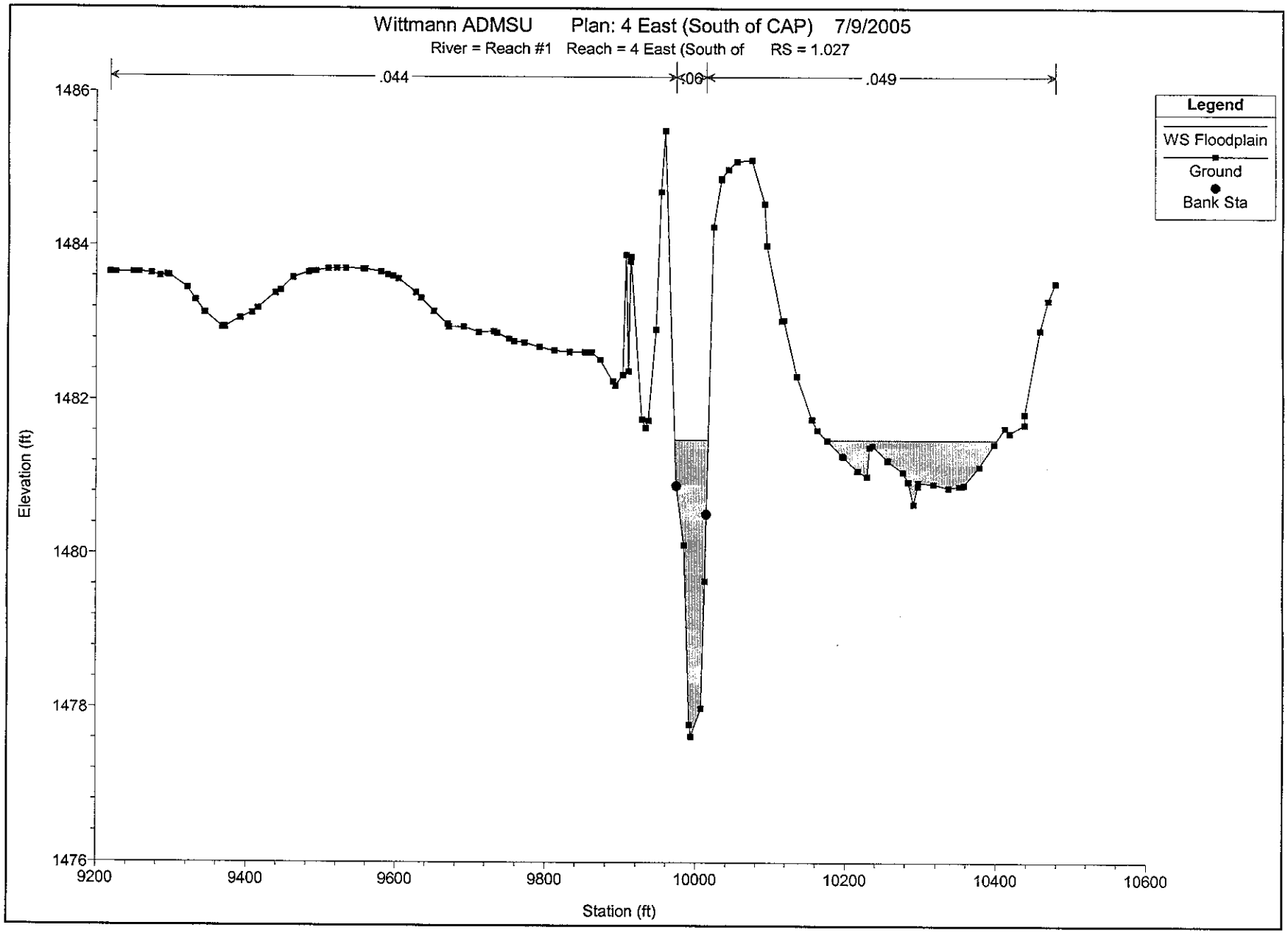

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.416
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1461
1460
1459
1458
1457
1456
1455
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

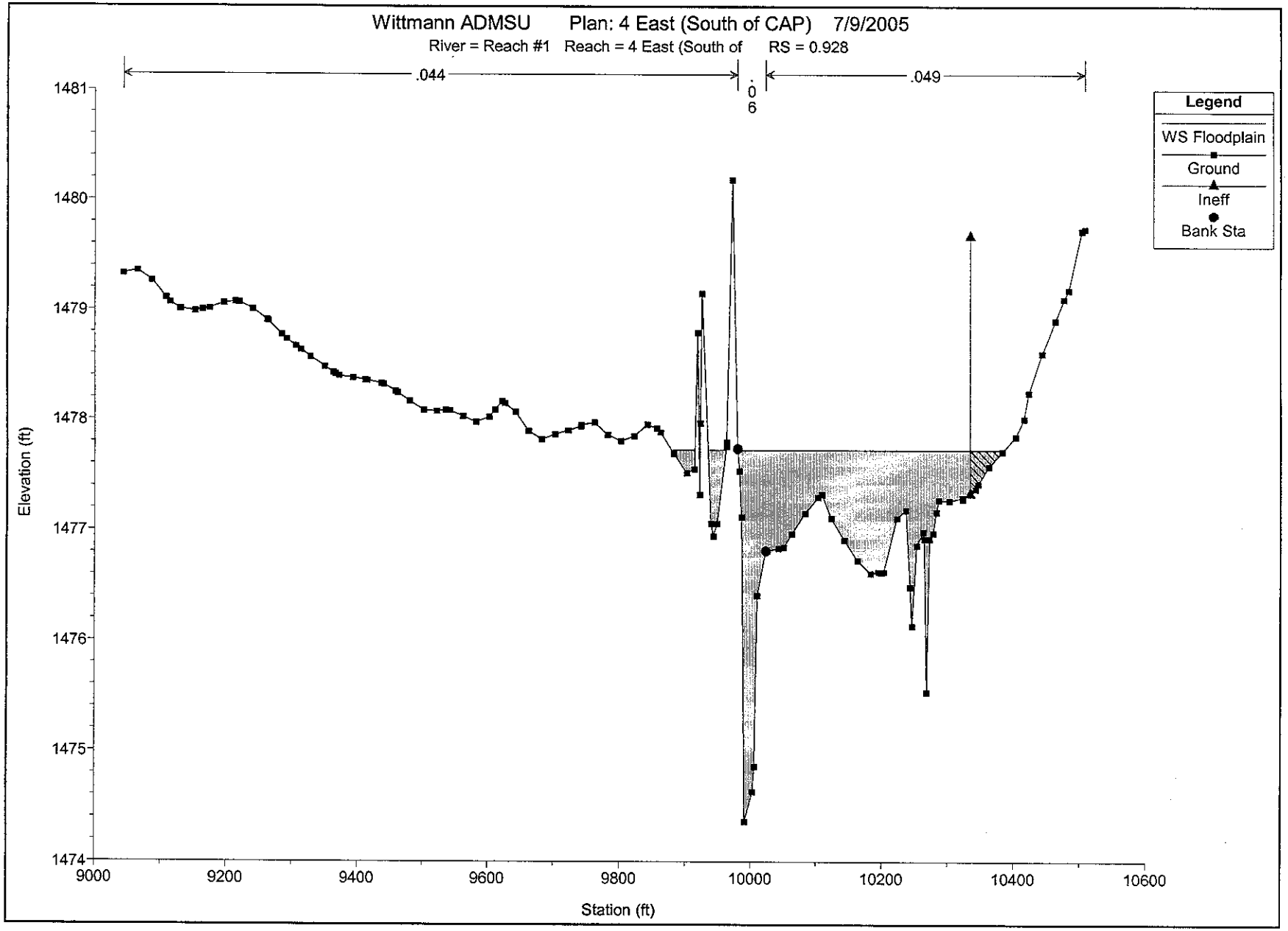

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.355
.044
.06
.049
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1458
1457
1456
1455
1454
1453
9500
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

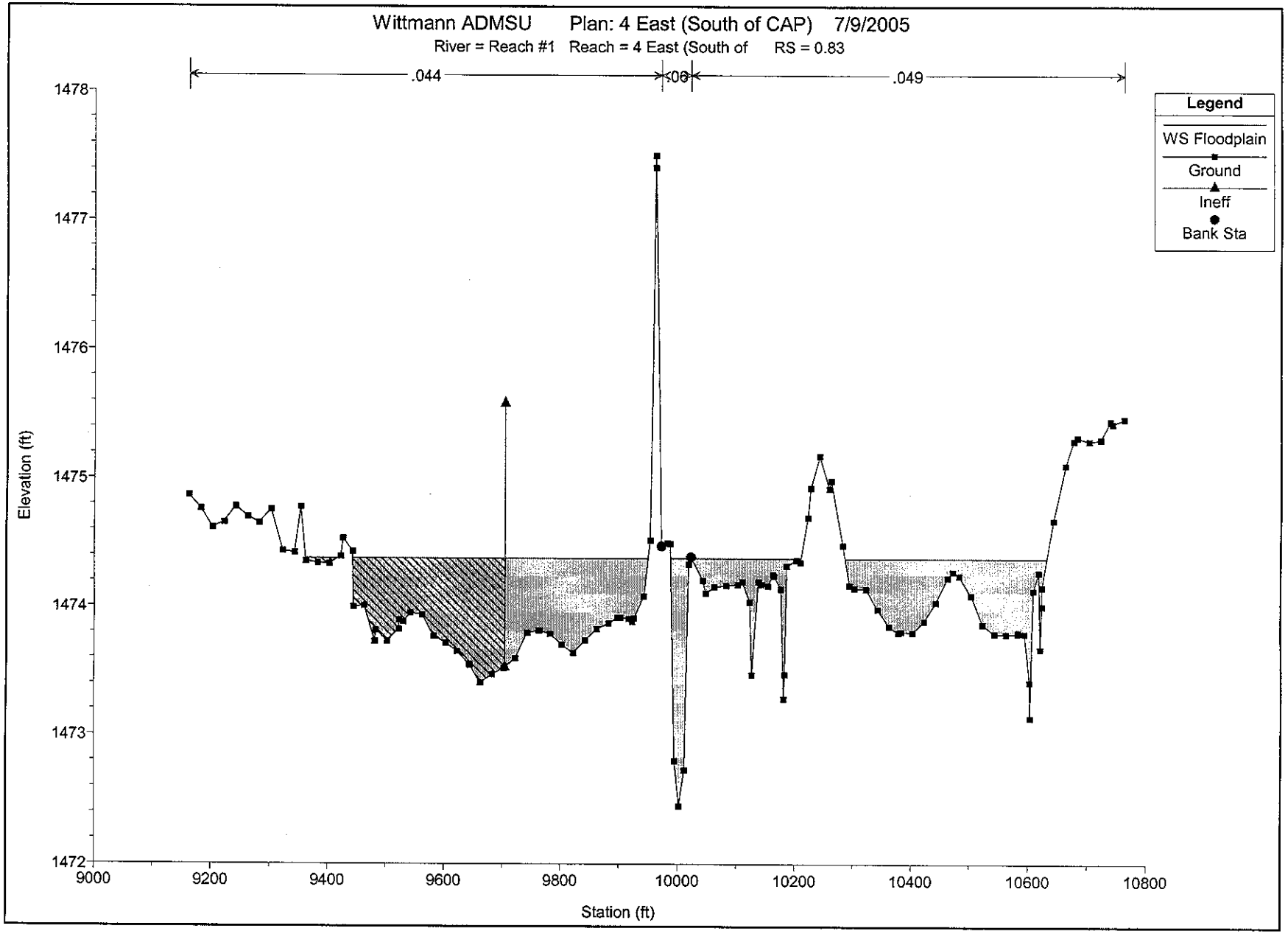

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.315
.048
.062
.048
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1456
1455
1454
1453
1452
1451
9600
9800
10000
10200
10400
10600
10800
Station (ft)

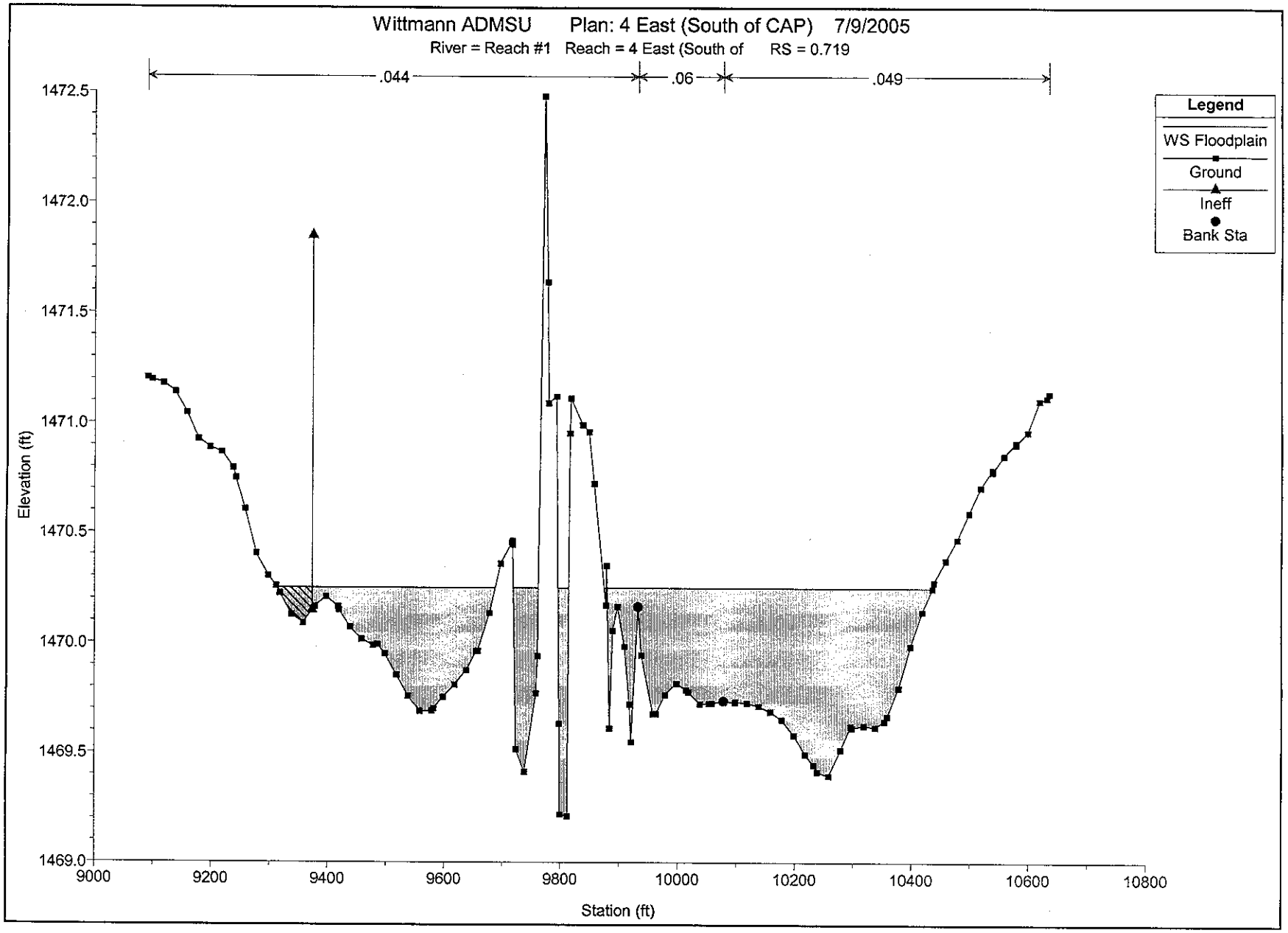

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.241
.048
.062
.048
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1453.0
1452.5
1452.0
1451.5
1451.0
1450.5
1450.0
1449.5
9600
9800
10000
10200
10400
10600
10800
Station (ft)

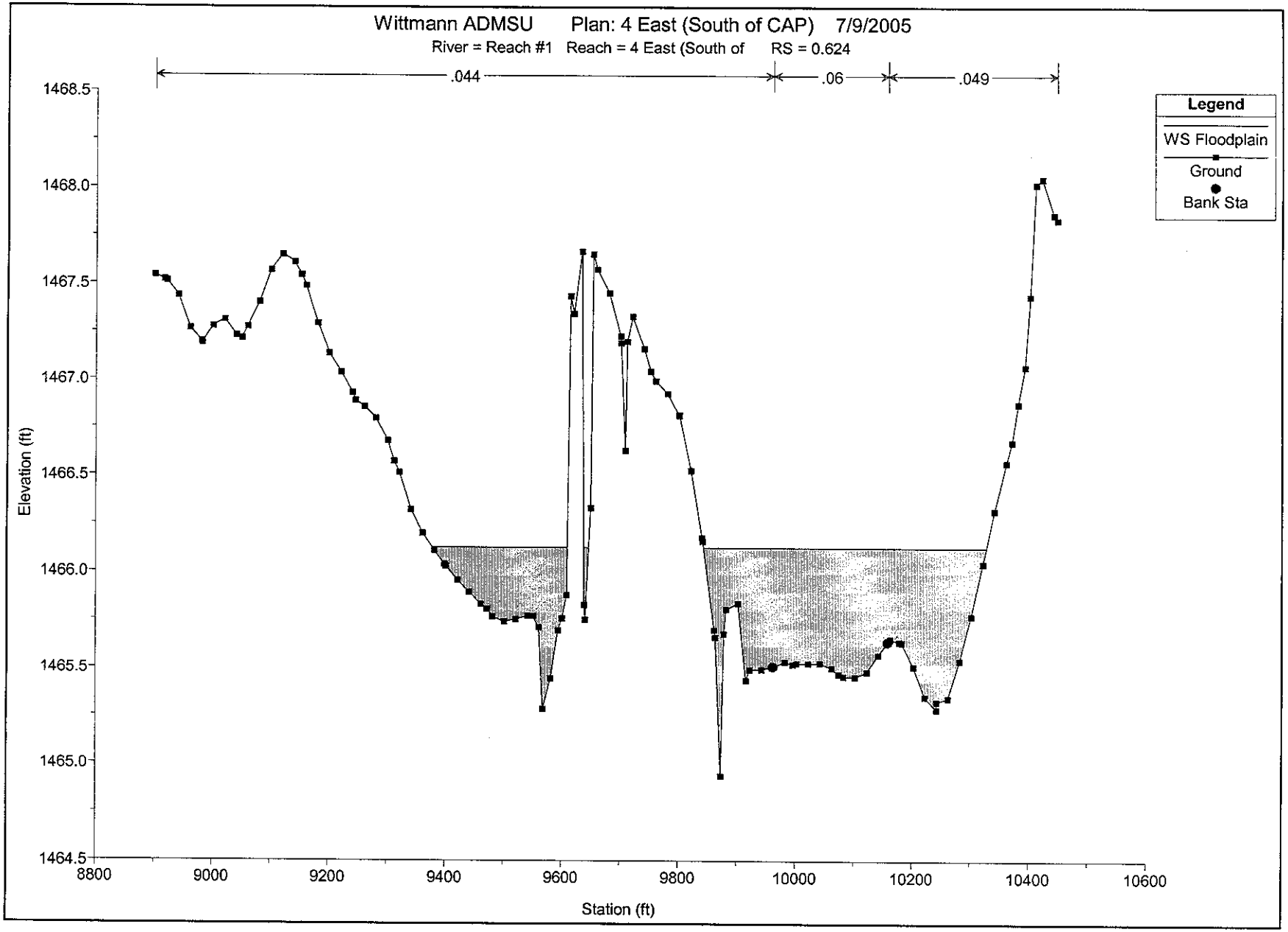
4 EAST_DIKE FAILURE

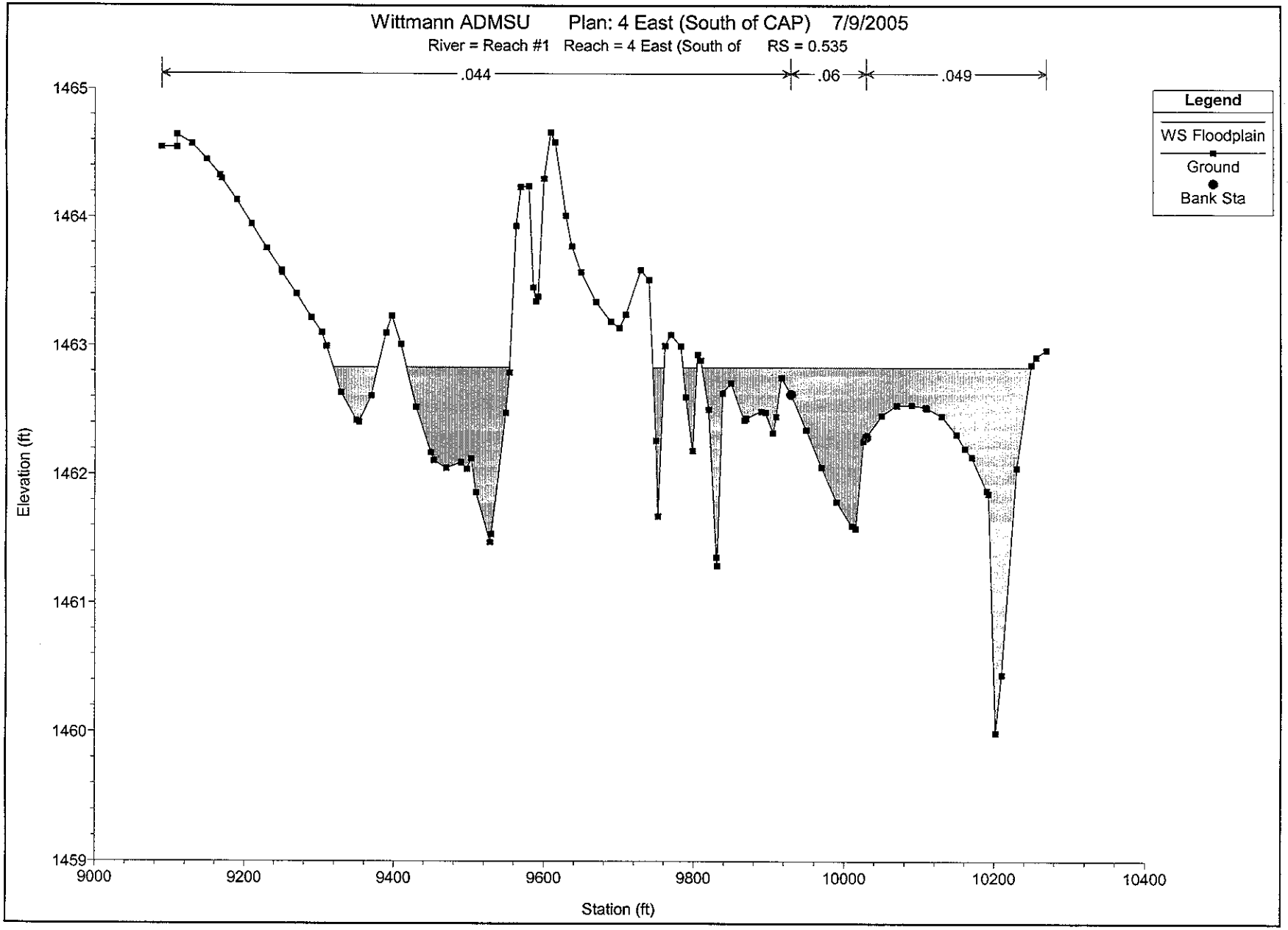

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 1.027
.044
.06
.049
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1486
1484
1482
1480
1478
1476
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

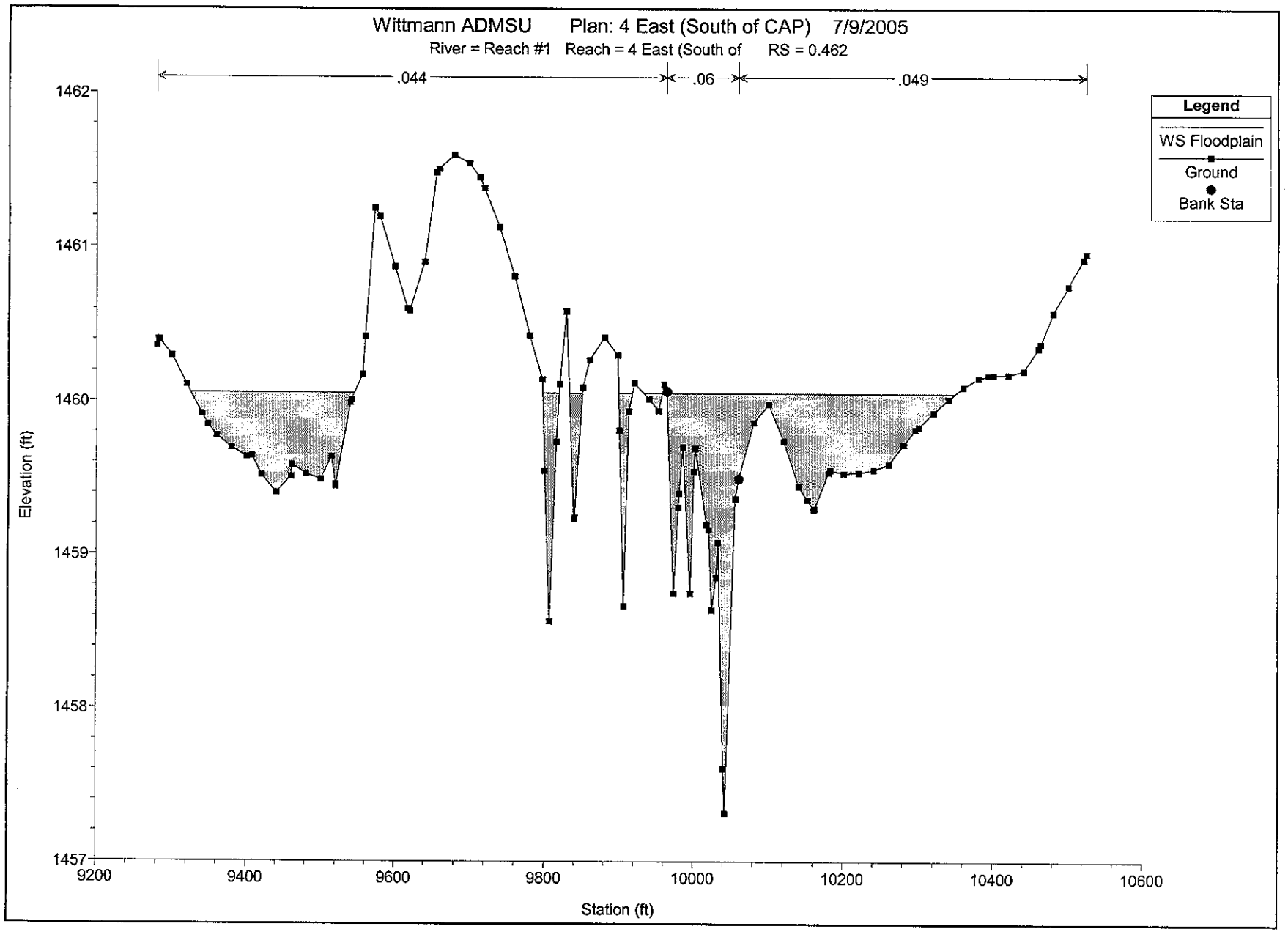

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.928
.044
.06
.049
Legend
WS Floodplain
Ground
Ineff
Bank Sta
Elevation (ft)
1481
1480
1479
1478
1477
1476
1475
1474
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

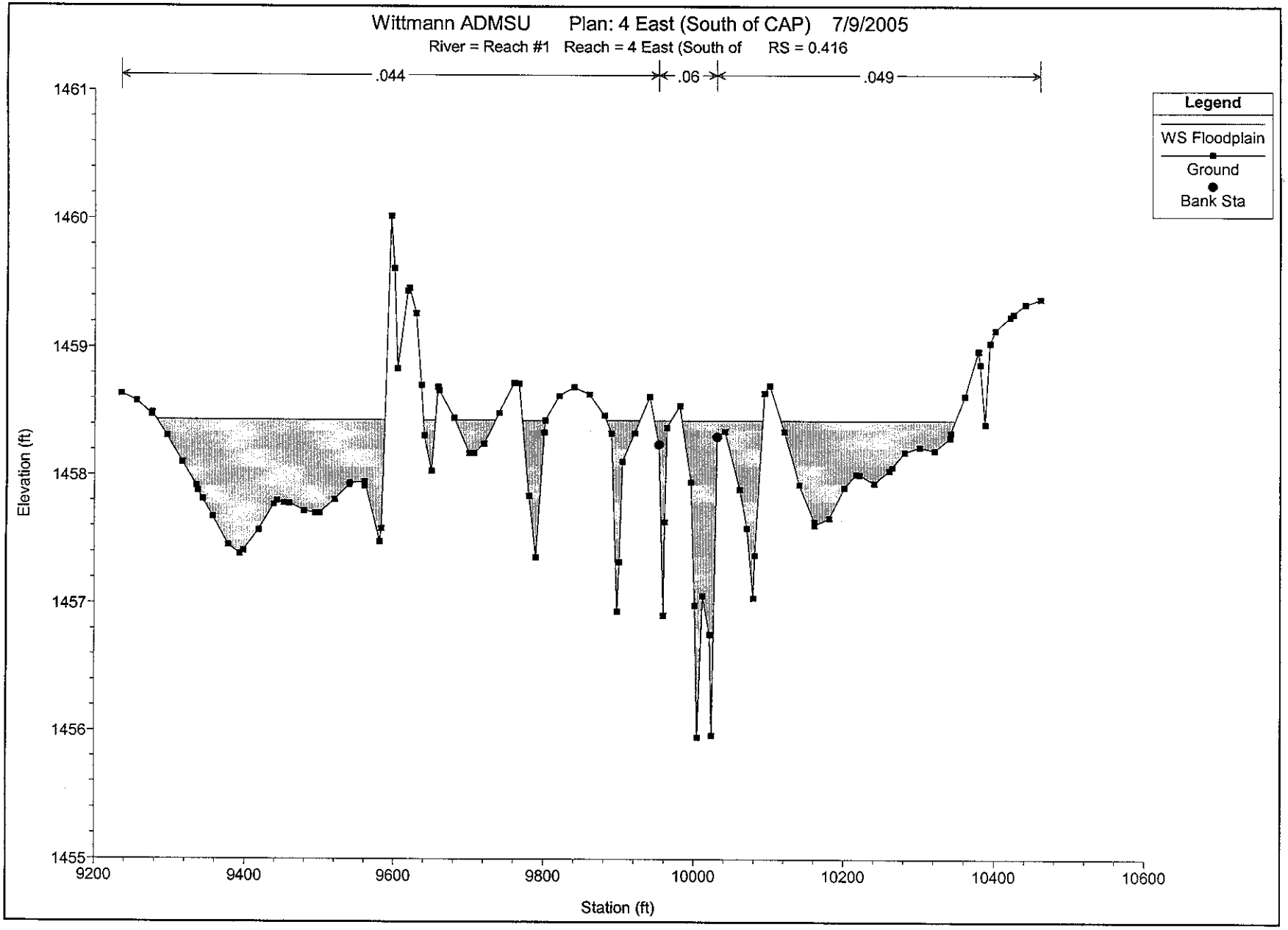

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.83
.044
.00
.049
Legend
WS Floodplain
Ground
Ineff
Bank Sta
Elevation (ft)
1478
1477
1476
1475
1474
1473
1472
9000
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

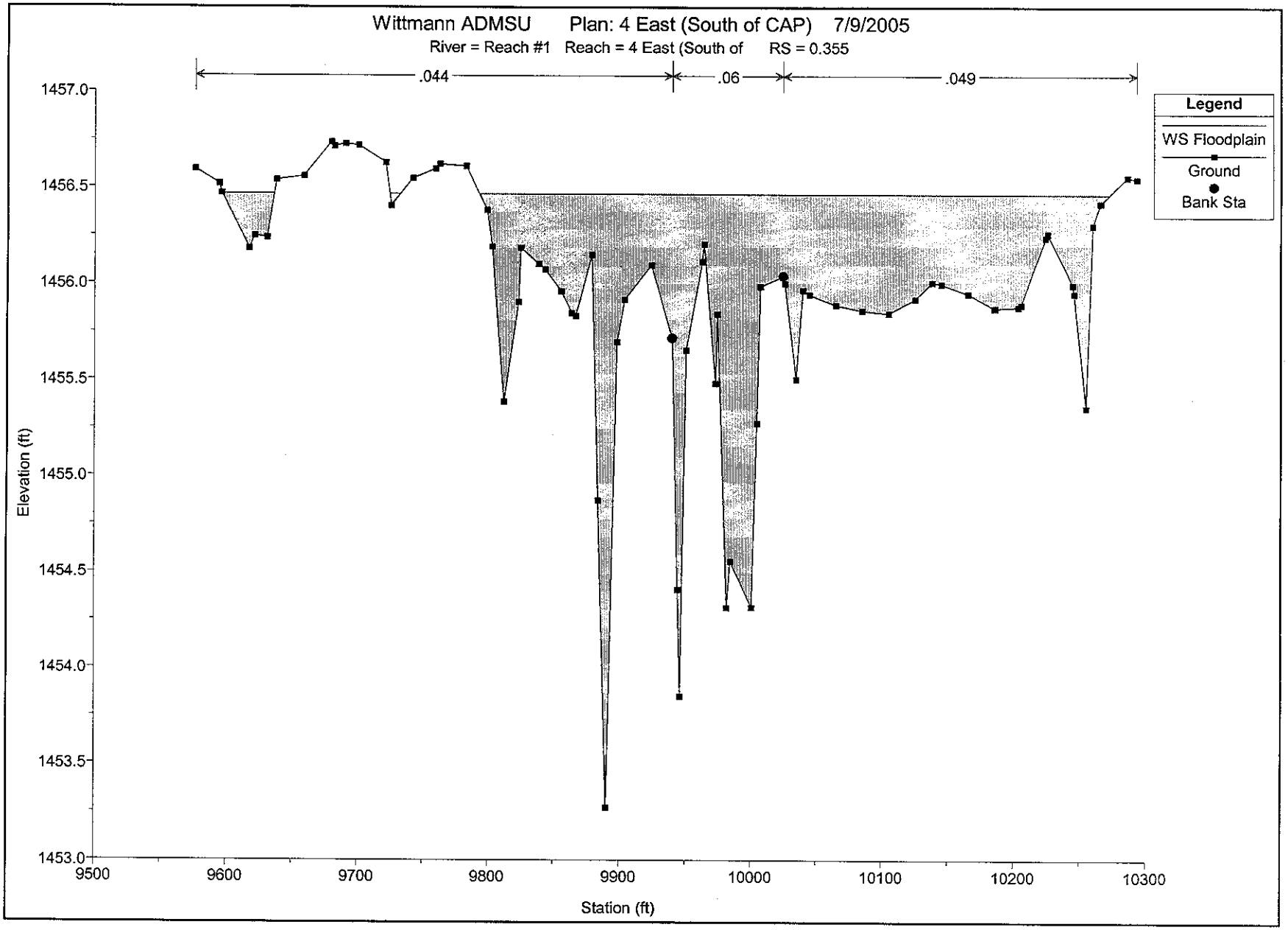

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.719
.044
.06
.049
Legend
WS Floodplain
Ground
Ineff
Bank Sta
Elevation (ft)
1472.5
1472.0
1471.5
1471.0
1470.5
1470.0
1469.5
1469.0
9000
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

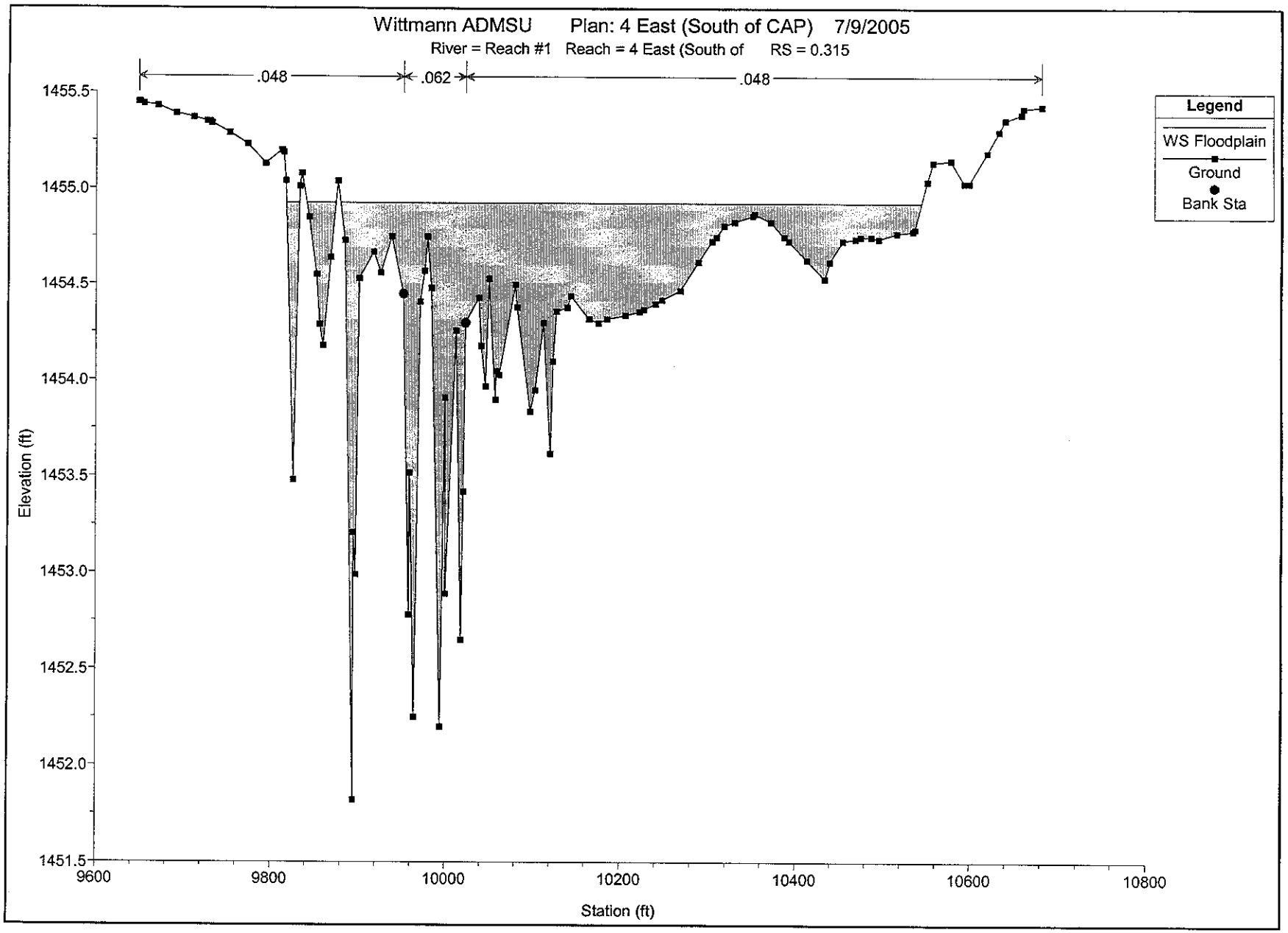

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.624
.044
.06
.049
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1468.5
1468.0
1467.5
1467.0
1466.5
1466.0
1465.5
1465.0
1464.5
8800
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

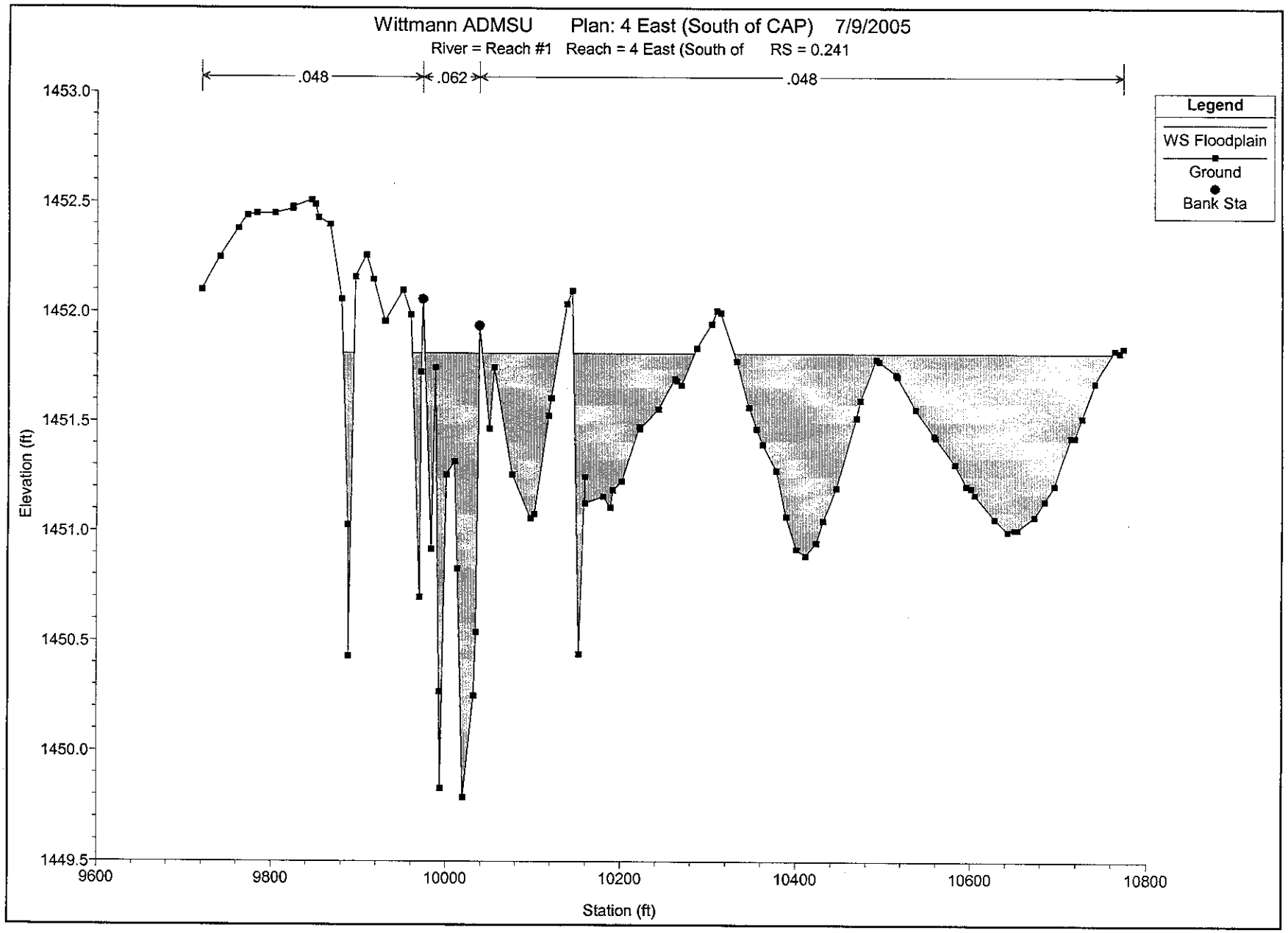

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.535
.044
.06
.049
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1465
1464
1463
1462
1461
1460
1459
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)


Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.462
.044
.06
.049
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1462
1461
1460
1459
1458
1457
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

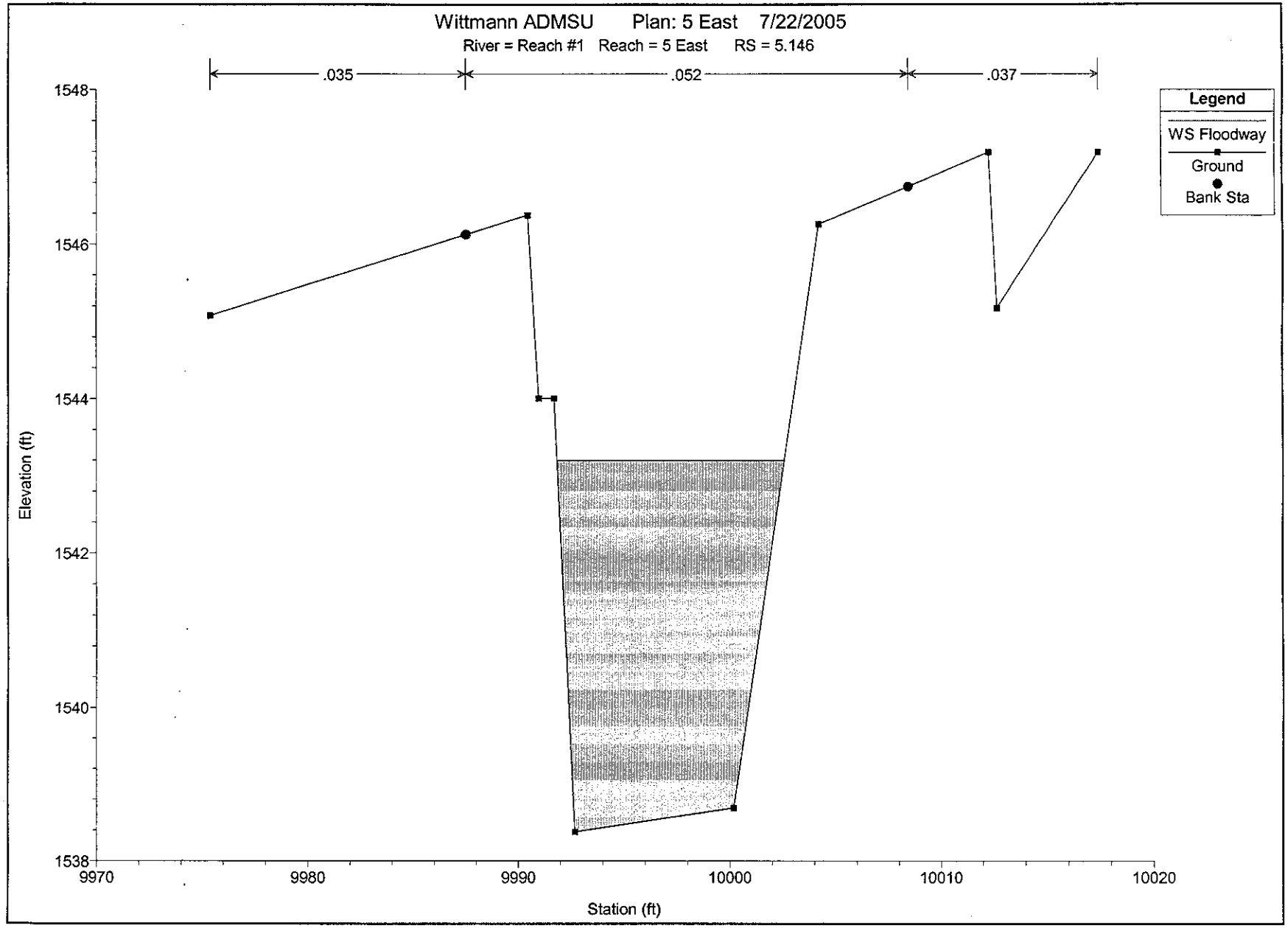

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.416
.044
.06
.049
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1461
1460
1459
1458
1457
1456
1455
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

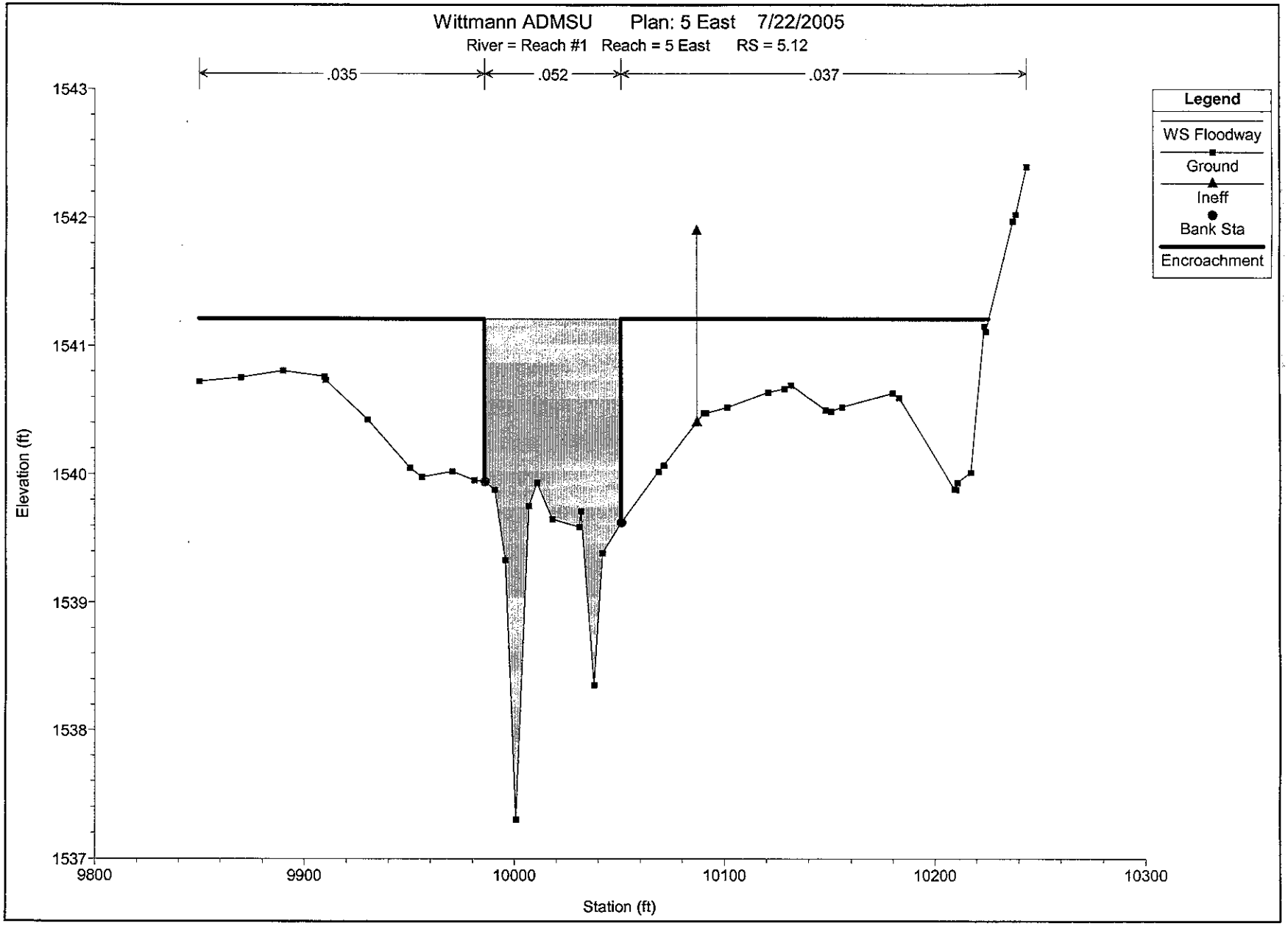

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.355
.044
.06
.049
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1457.0
1456.5
1456.0
1455.5
1455.0
1454.5
1454.0
1453.5
1453.0
9500
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

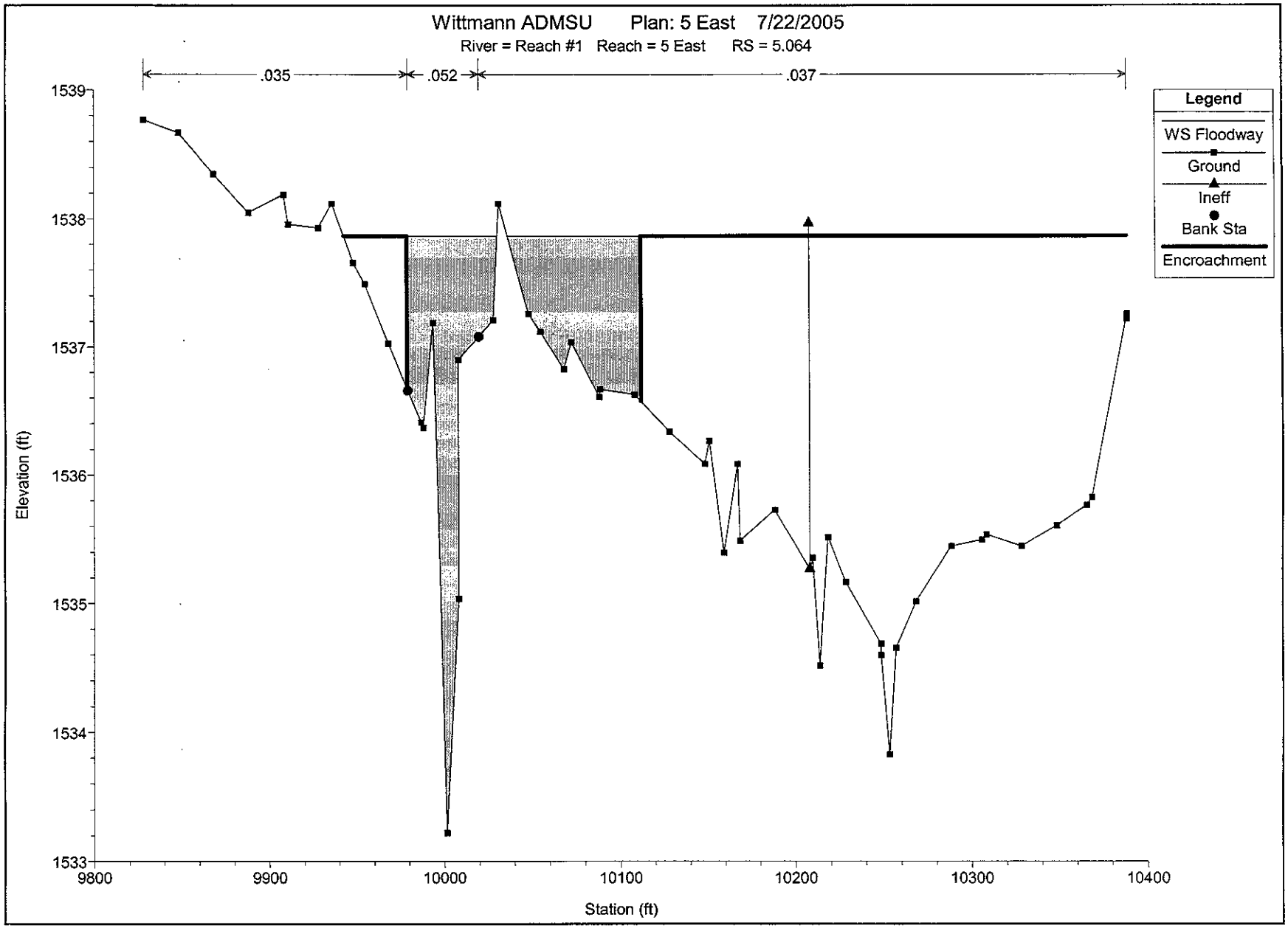

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.315
.048
.062
.048
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1455.5
1455.0
1454.5
1454.0
1453.5
1453.0
1452.5
1452.0
1451.5
9600
9800
10000
10200
10400
10600
10800
Station (ft)

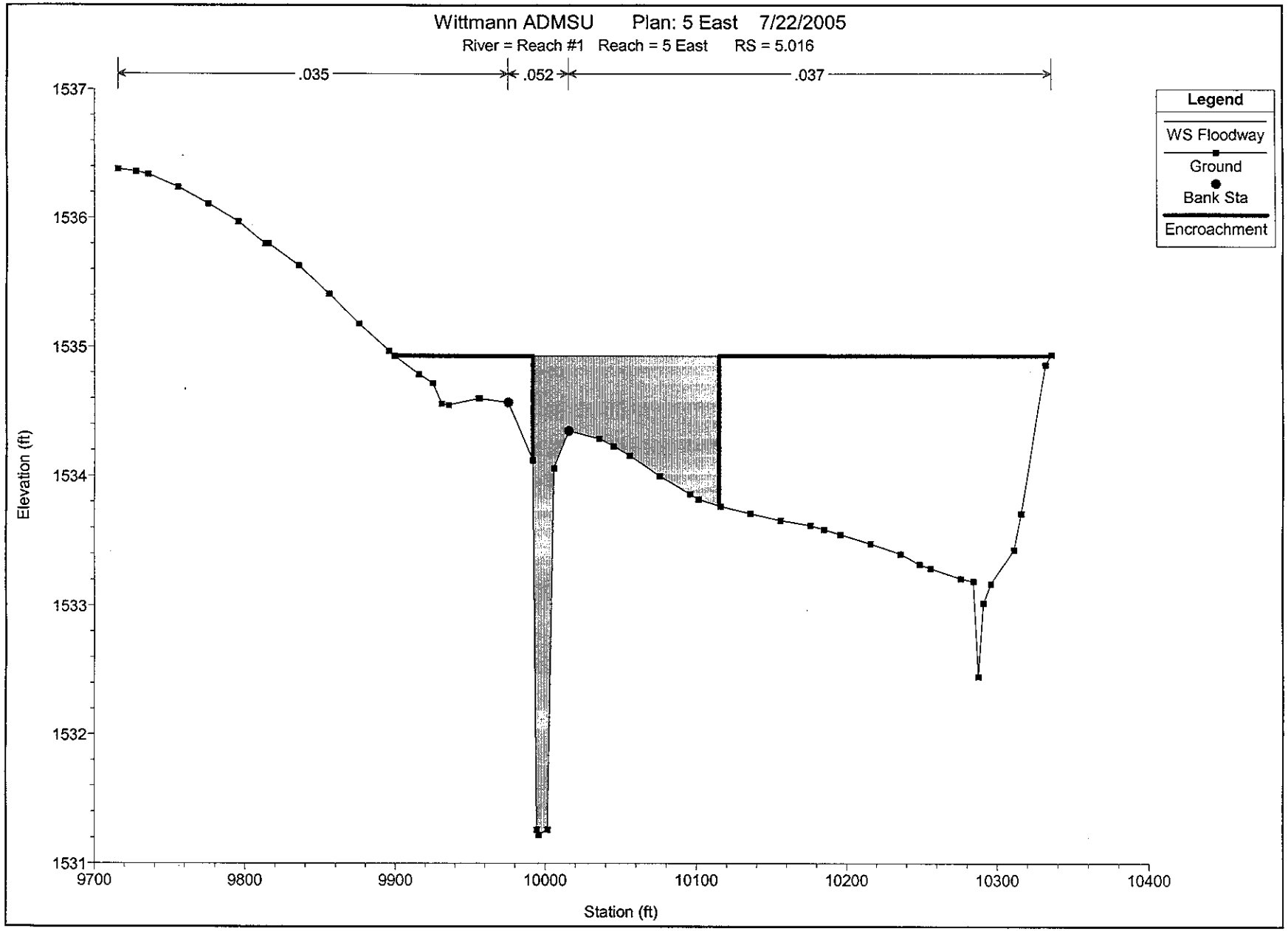

Wittmann ADMSU Plan: 4 East (South of CAP) 7/9/2005
River = Reach #1 Reach = 4 East (South of RS = 0.241
.048
.062
.048
Legend
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1453.0
1452.5
1452.0
1451.5
1451.0
1450.5
1450.0
1449.5
9600
9800
10000
10200
10400
10600
10800
Station (ft)

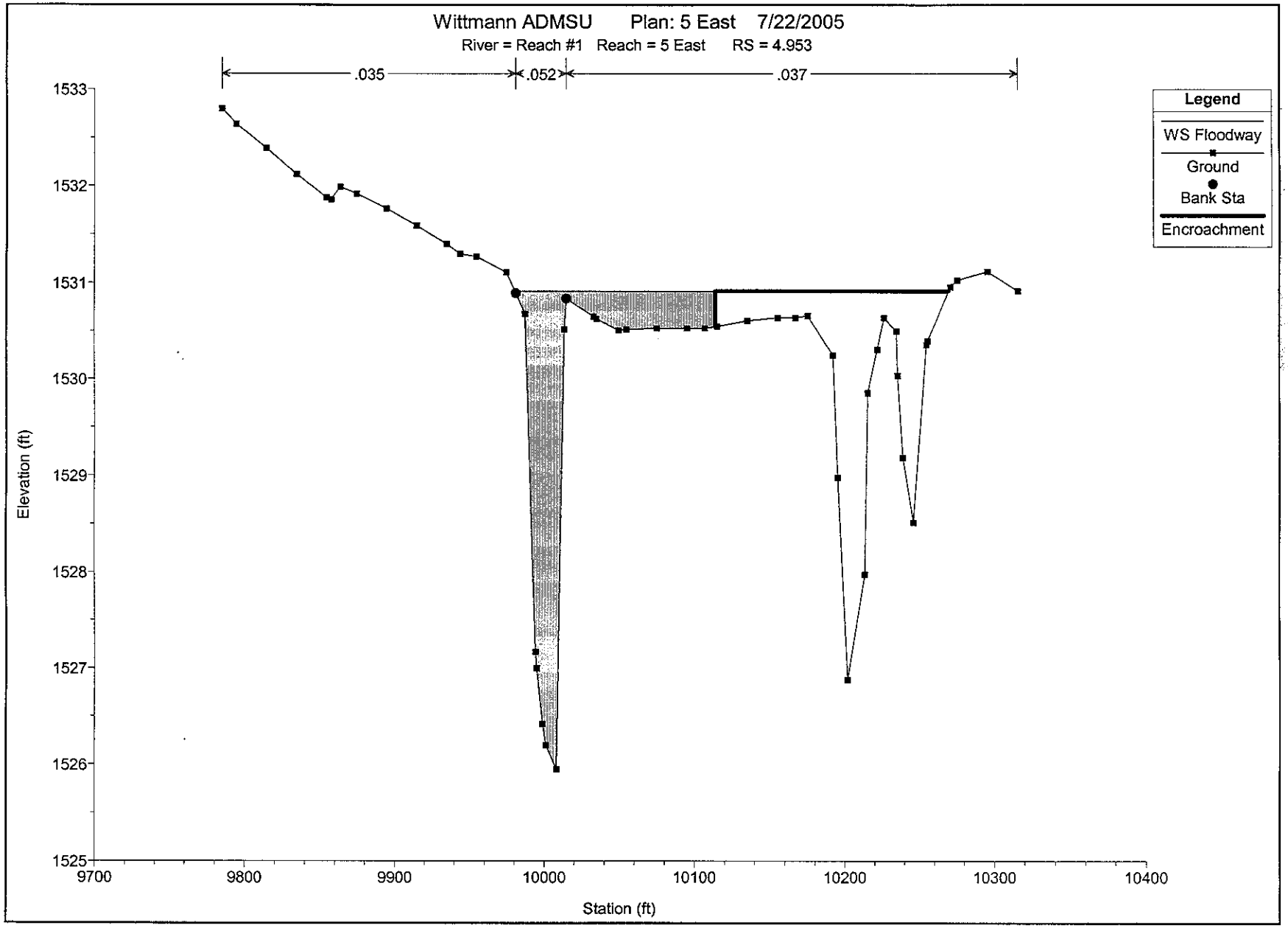
5 EAST

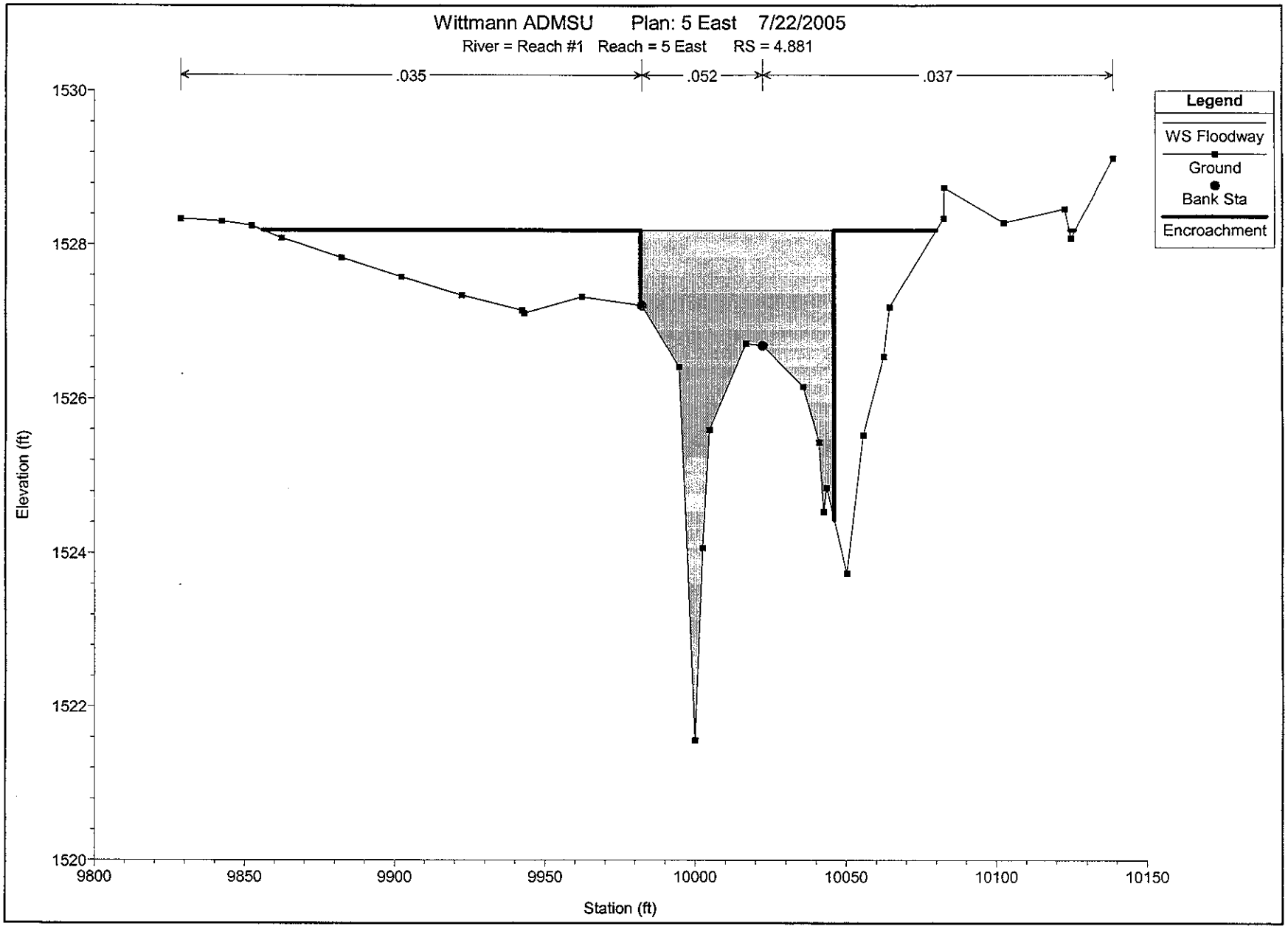

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 5.146
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Elevation (ft)
1548
1546
1544
1542
1540
1538
9970
9980
9990
10000
10010
10020
Station (ft)

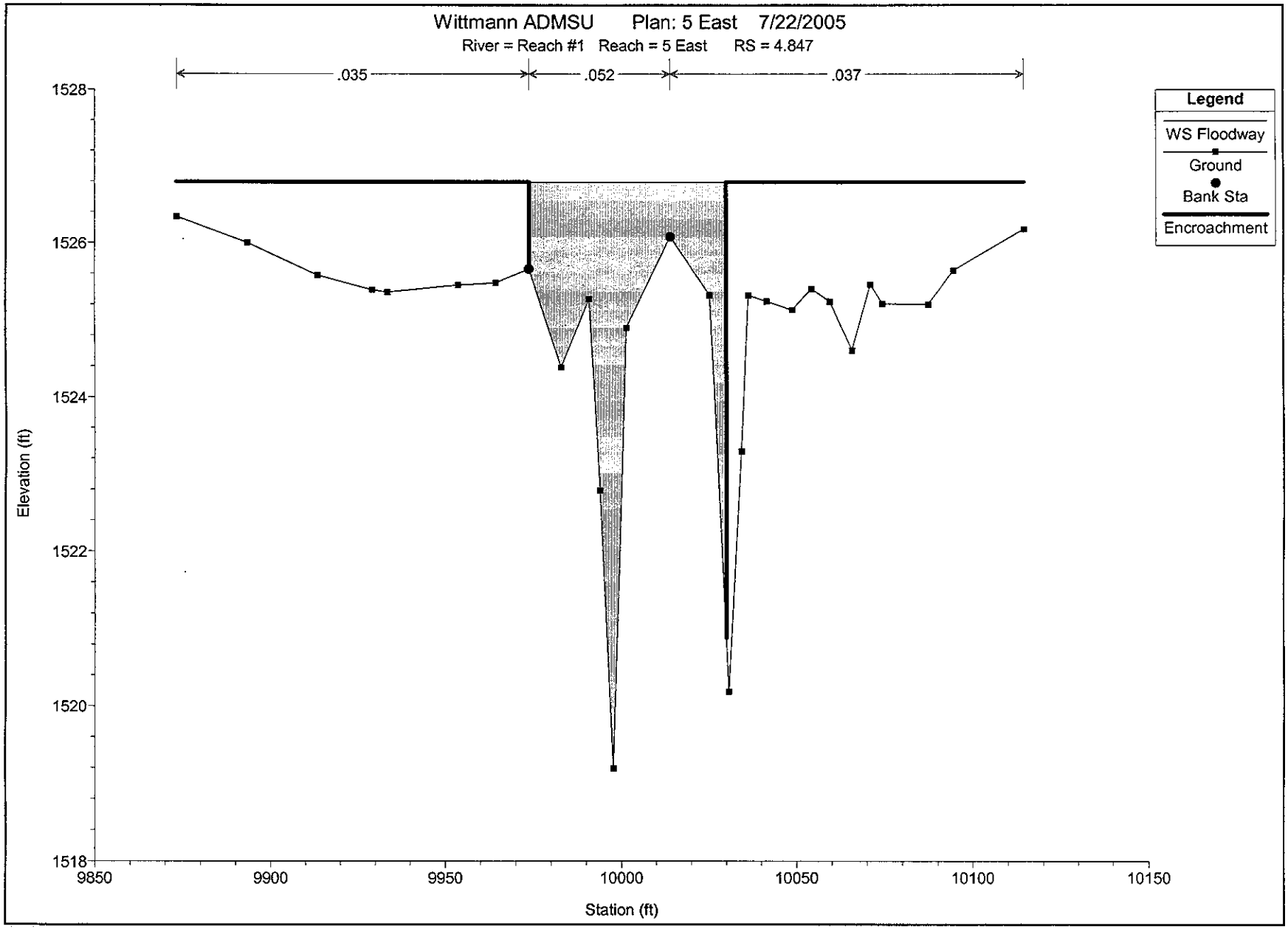

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 5.12
.035
.052
.037
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1543
1542
1541
1540
1539
1538
1537
9800
9900
10000
10100
10200
10300
Station (ft)

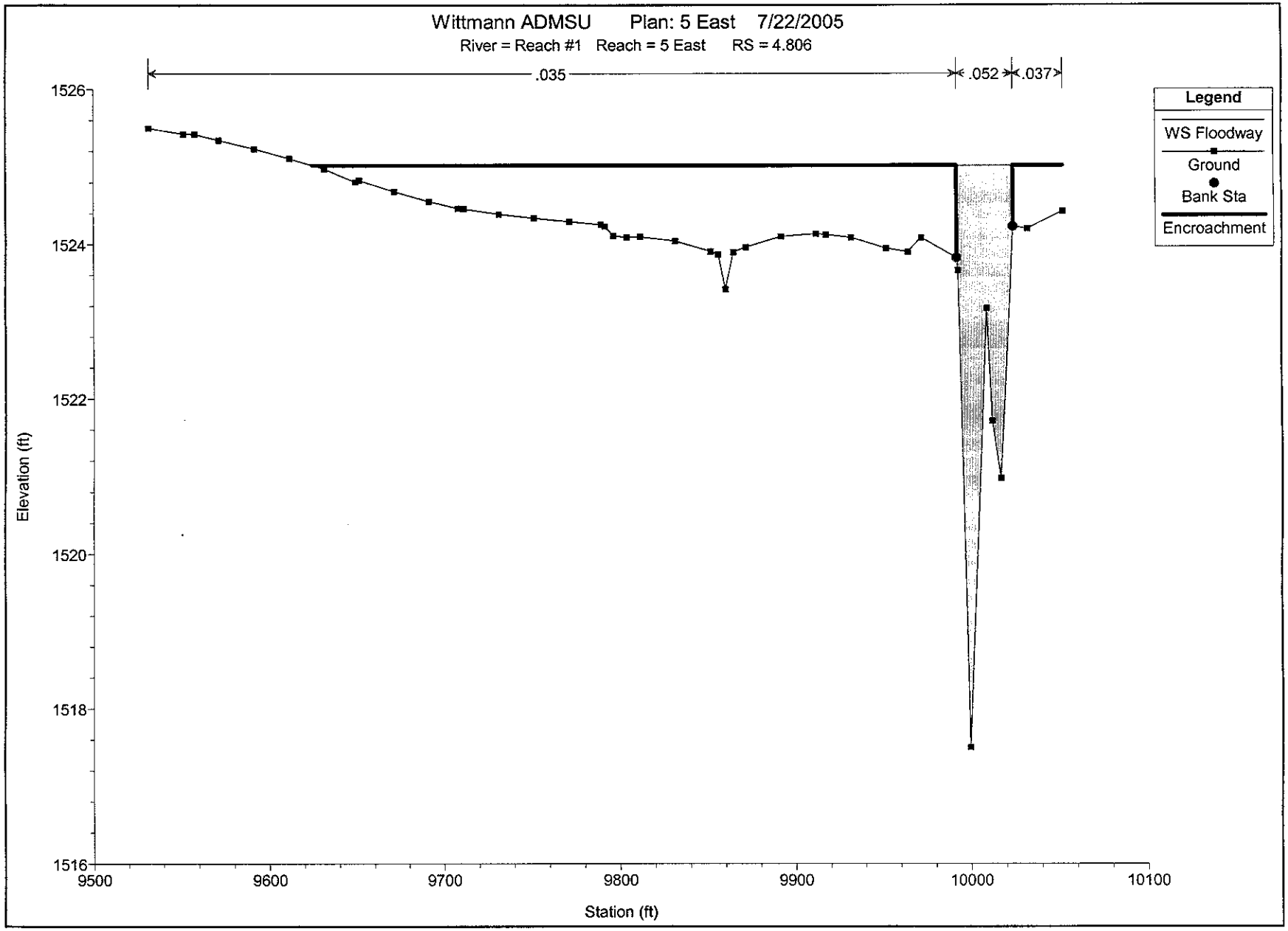

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 5.064
.035
.052
.037
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1539
1538
1537
1536
1535
1534
1533
9800
9900
10000
10100
10200
10300
10400
Station (ft)

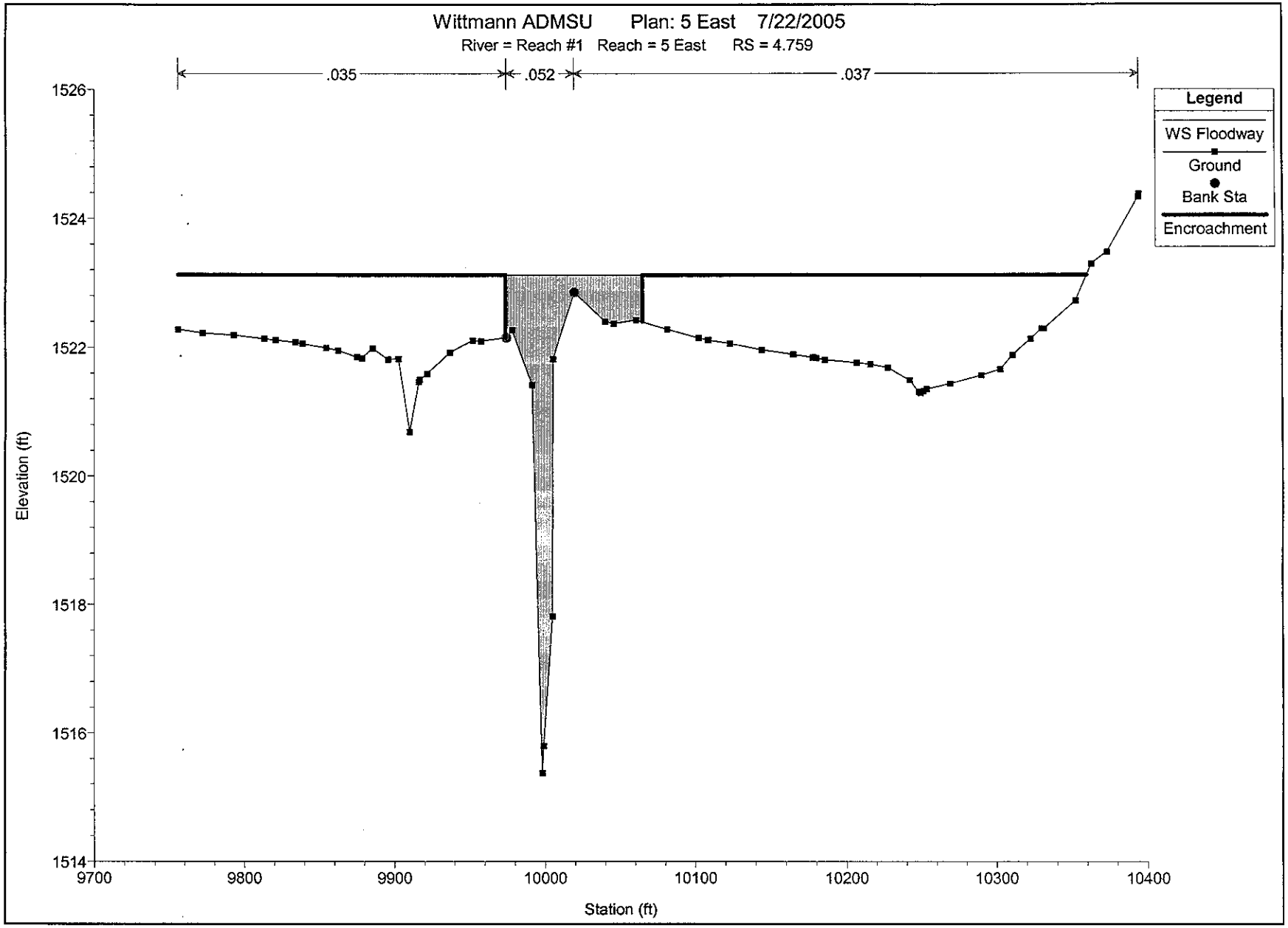

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 5.016
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1537
1536
1535
1534
1533
1532
1531
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

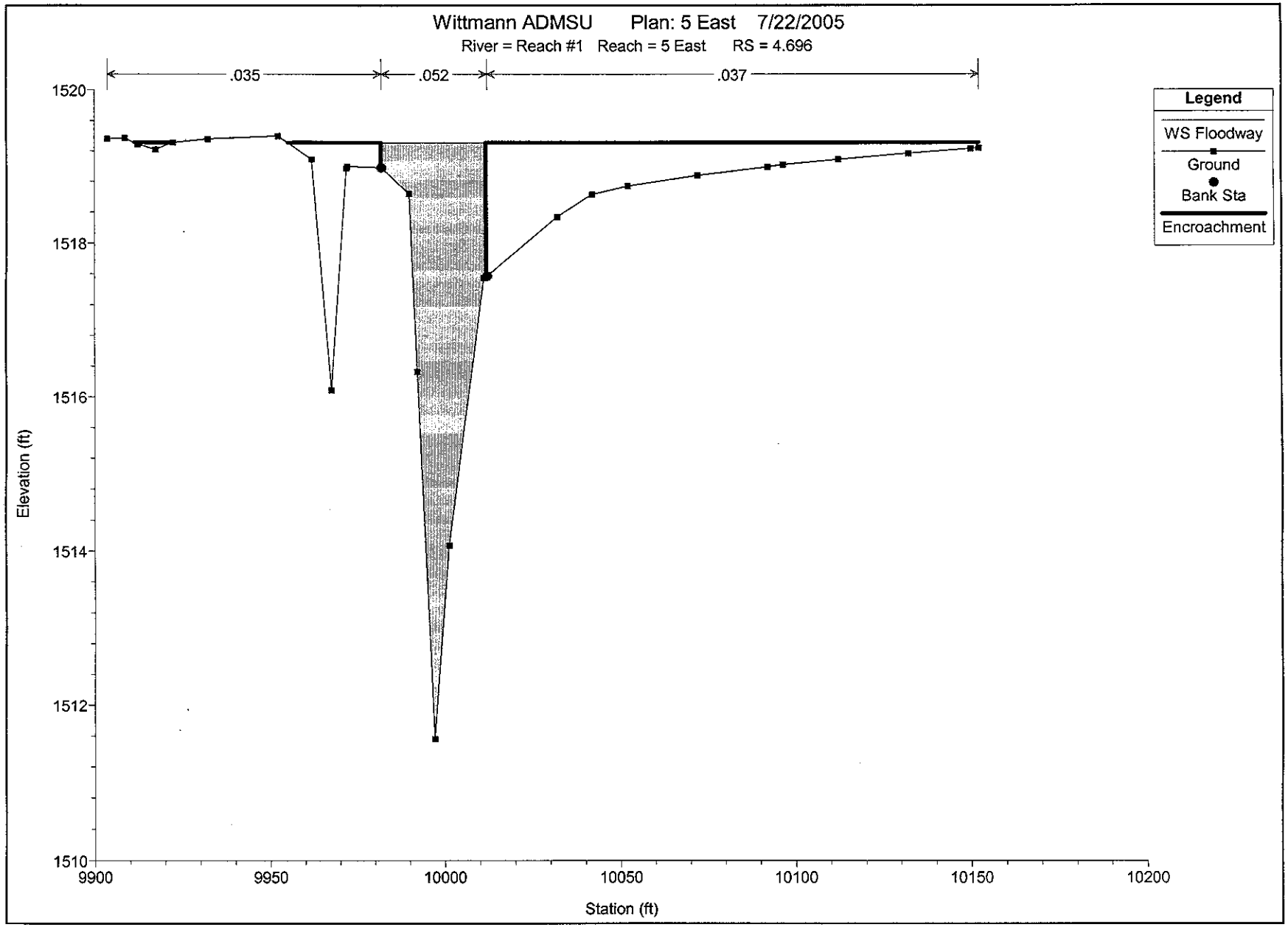

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.953
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1533
1532
1531
1530
1529
1528
1527
1526
1525
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

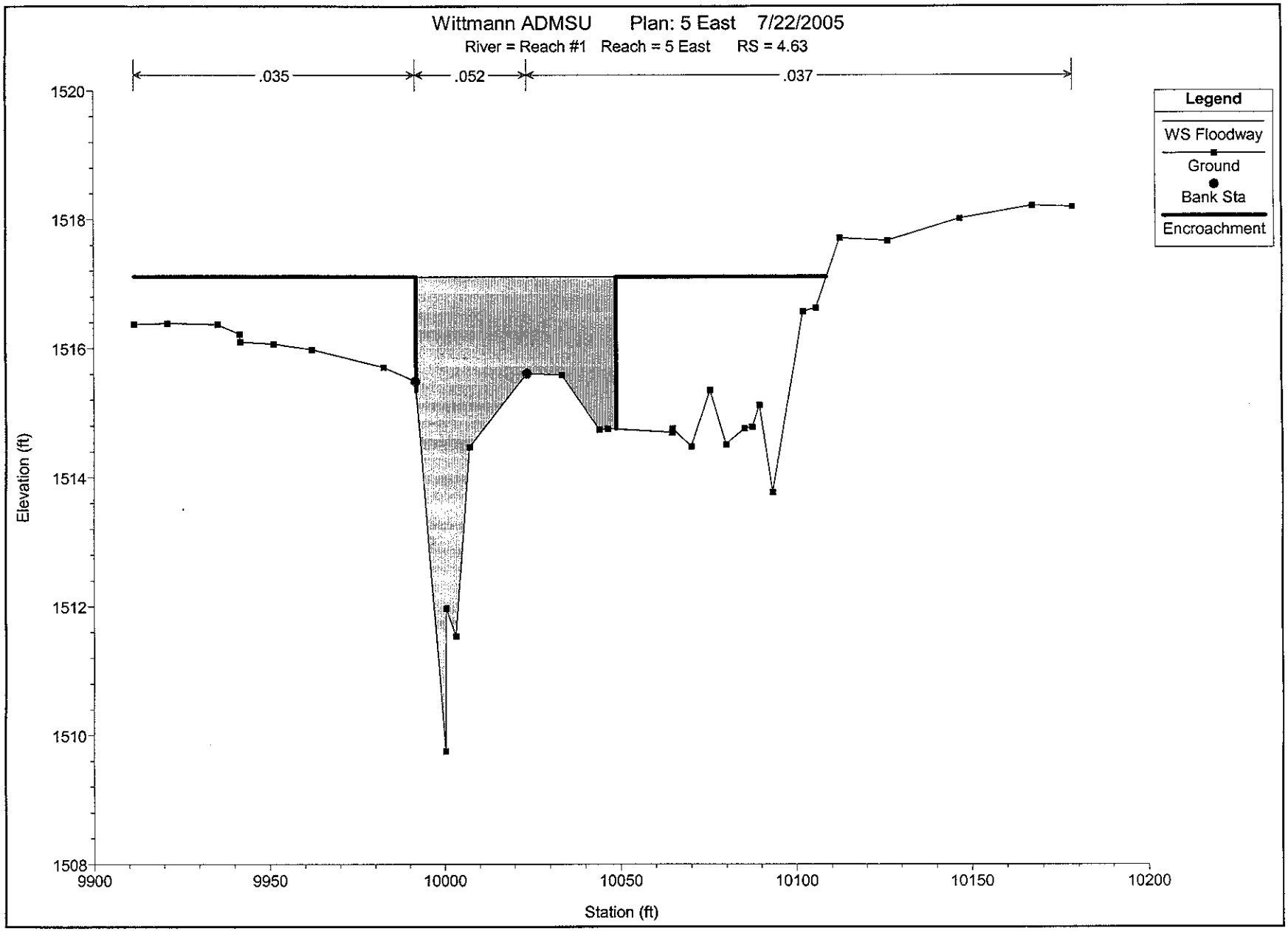

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.881
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1530
1528
1526
1524
1522
1520
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

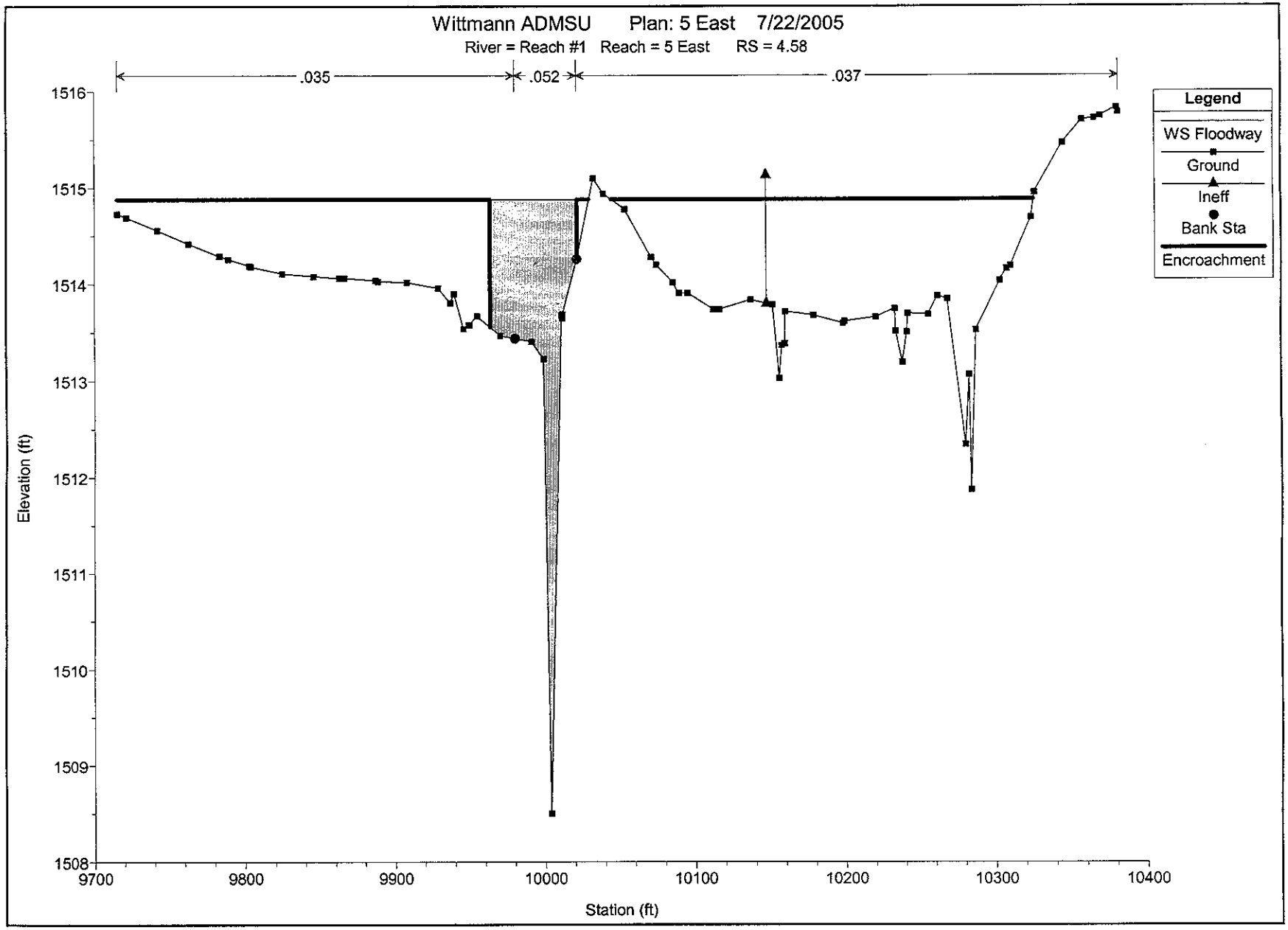

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.847
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1528
1526
1524
1522
1520
1518
9850
9900
9950
10000
10050
10100
10150
Station (ft)

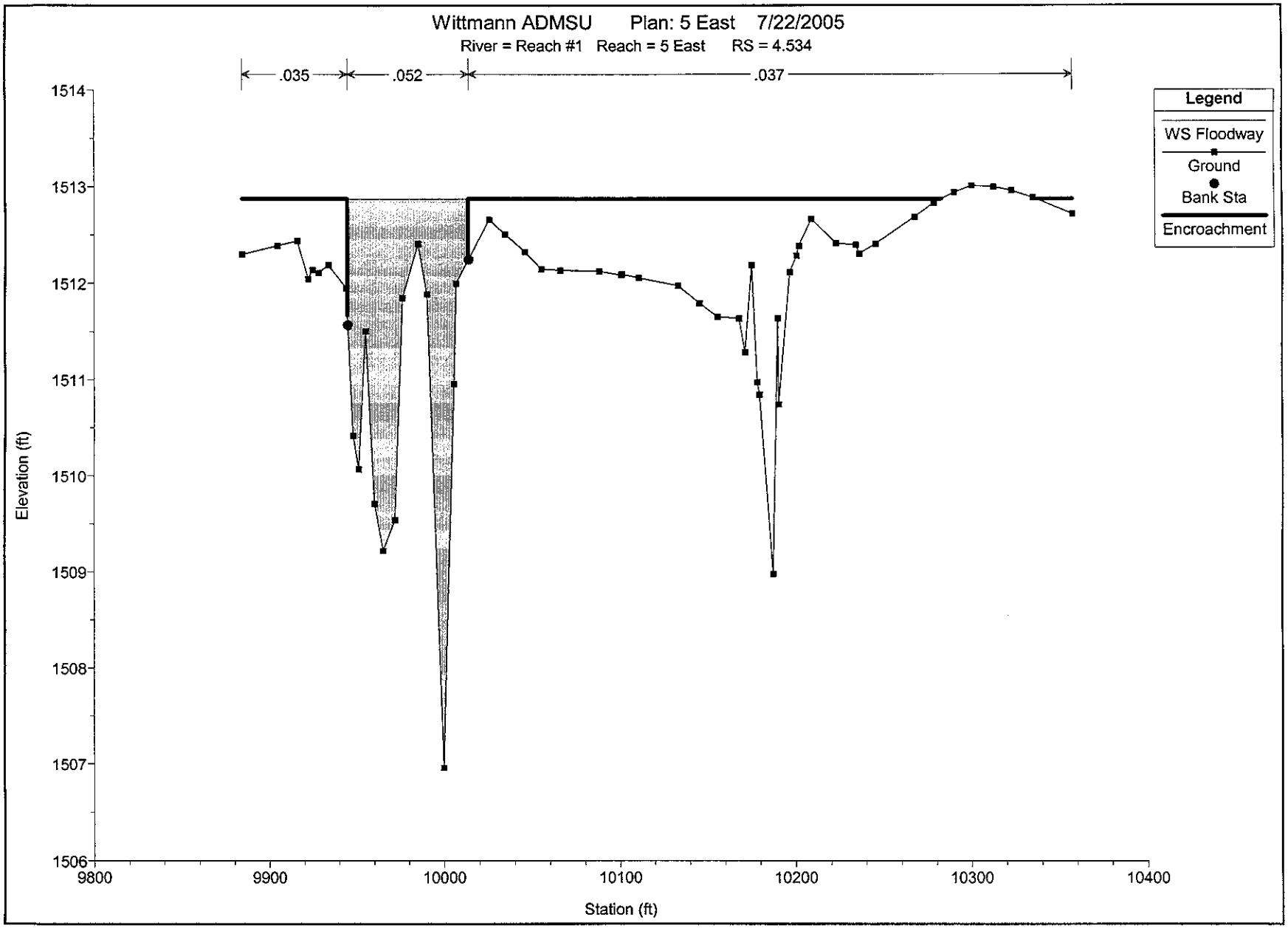

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.806
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1526
1524
1522
1520
1518
1516
9500
9600
9700
9800
9900
10000
10100
Station (ft)

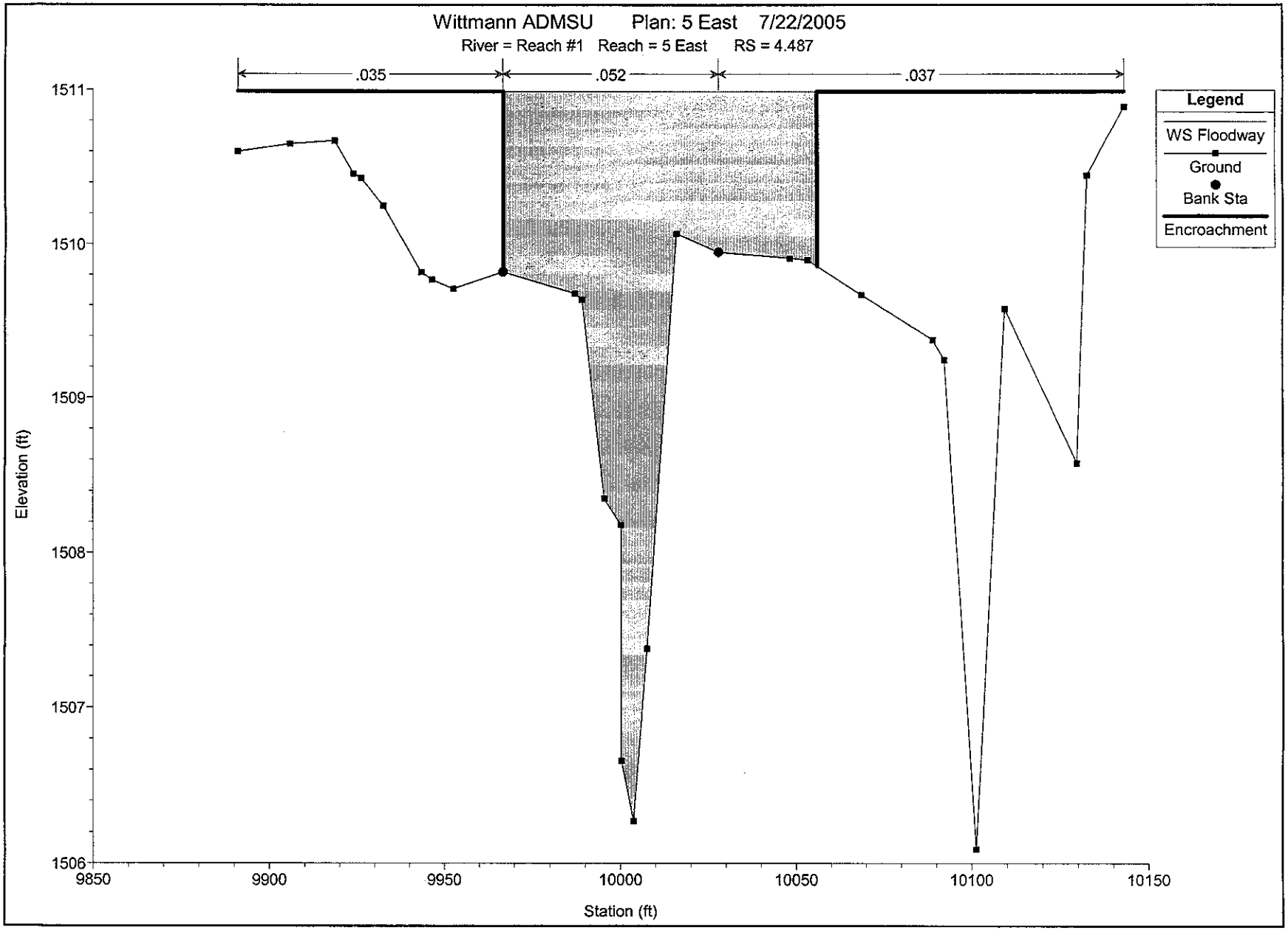

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.759
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1526
1524
1522
1520
1518
1516
1514
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

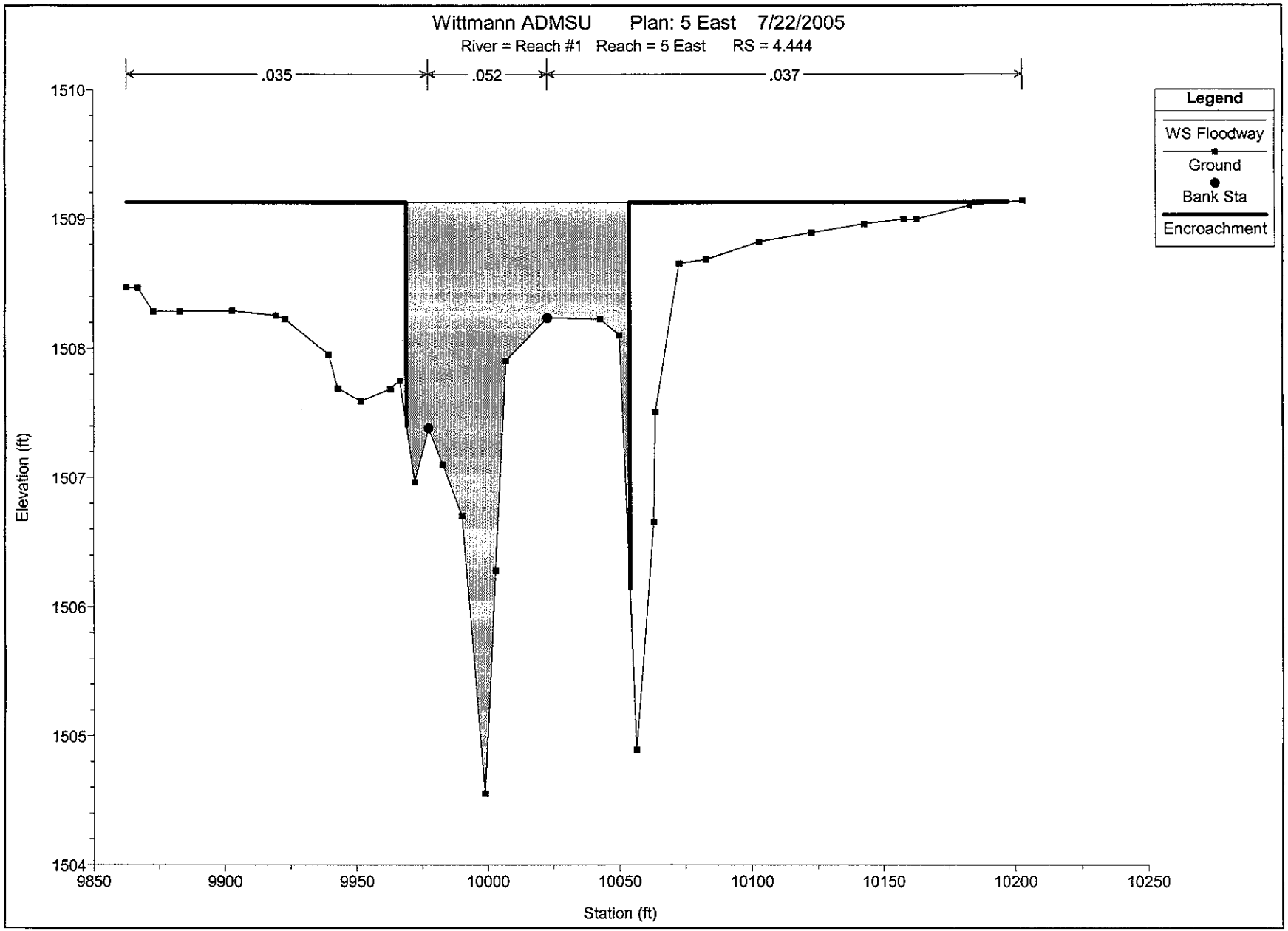

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.696
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1520
1518
1516
1514
1512
1510
9900
9950
10000
10050
10100
10150
10200
Station (ft)

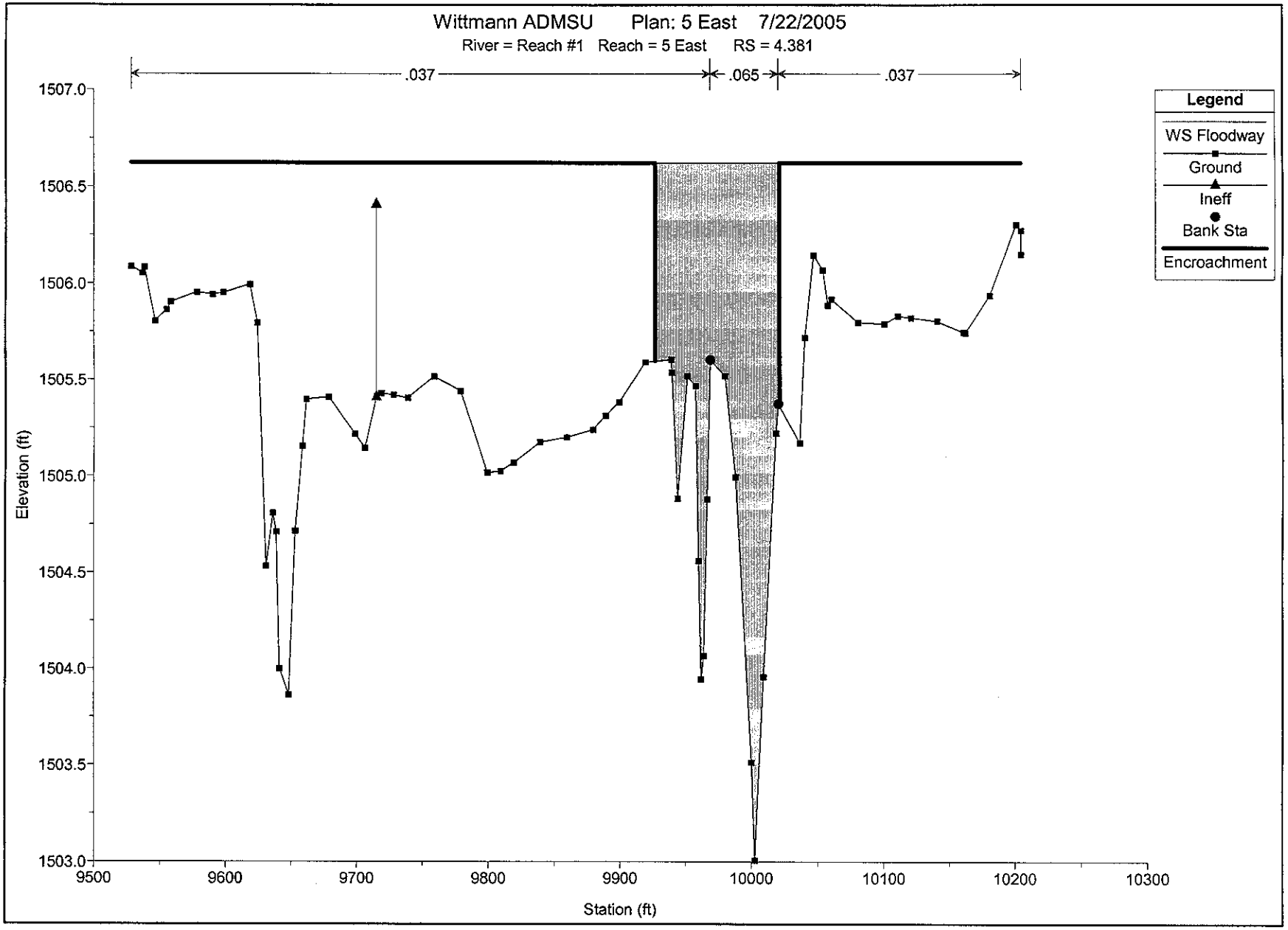

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.63
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1520
1518
1516
1514
1512
1510
1508
9900
9950
10000
10050
10100
10150
10200
Station (ft)

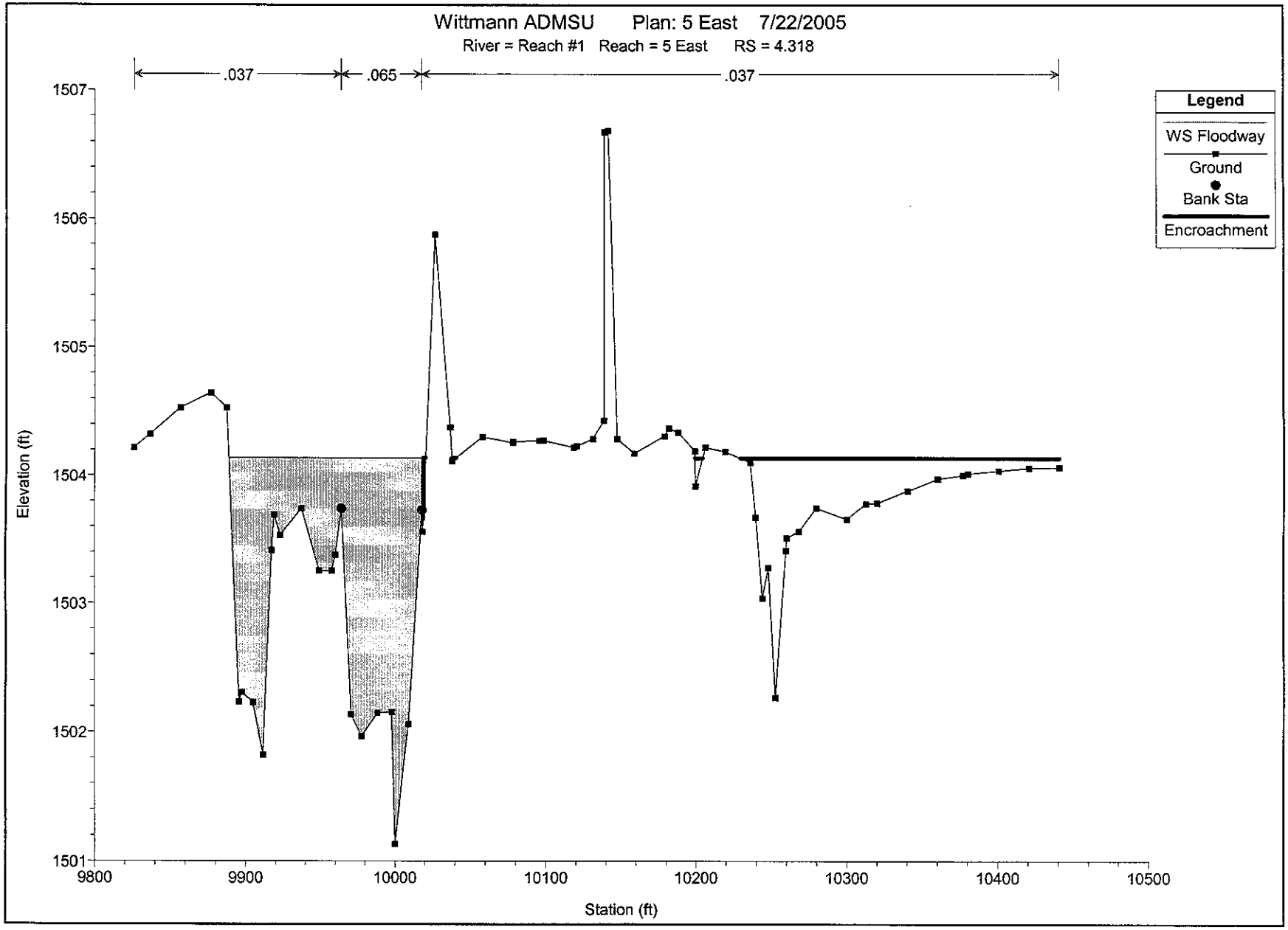

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.58
.035
.052
.037
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1516
1515
1514
1513
1512
1511
1510
1509
1508
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

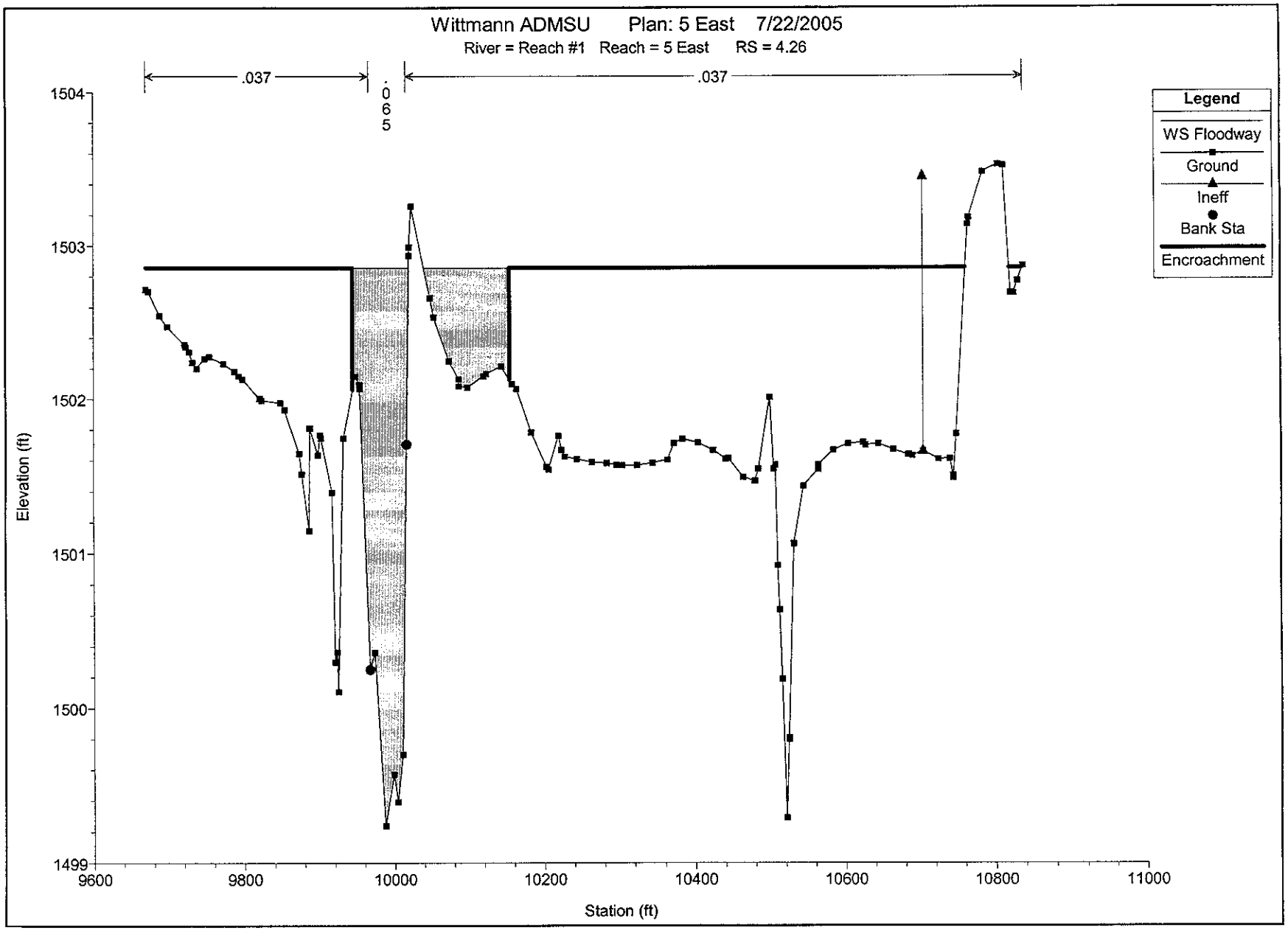

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.534
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1514
1513
1512
1511
1510
1509
1508
1507
1506
9800
9900
10000
10100
10200
10300
10400
Station (ft)

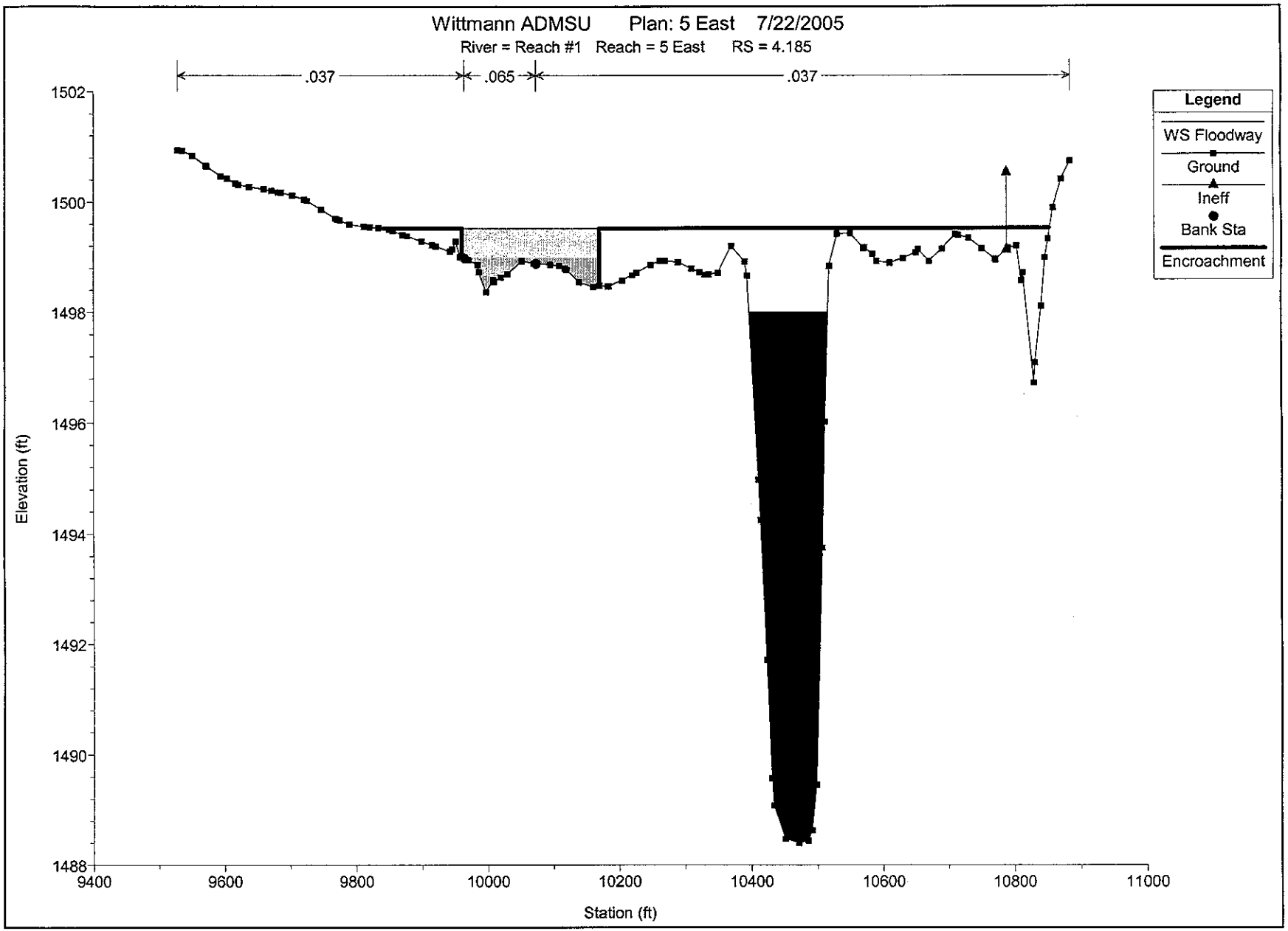

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.487
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1511
1510
1509
1508
1507
1506
9850
9900
9950
10000
10050
10100
10150
Station (ft)

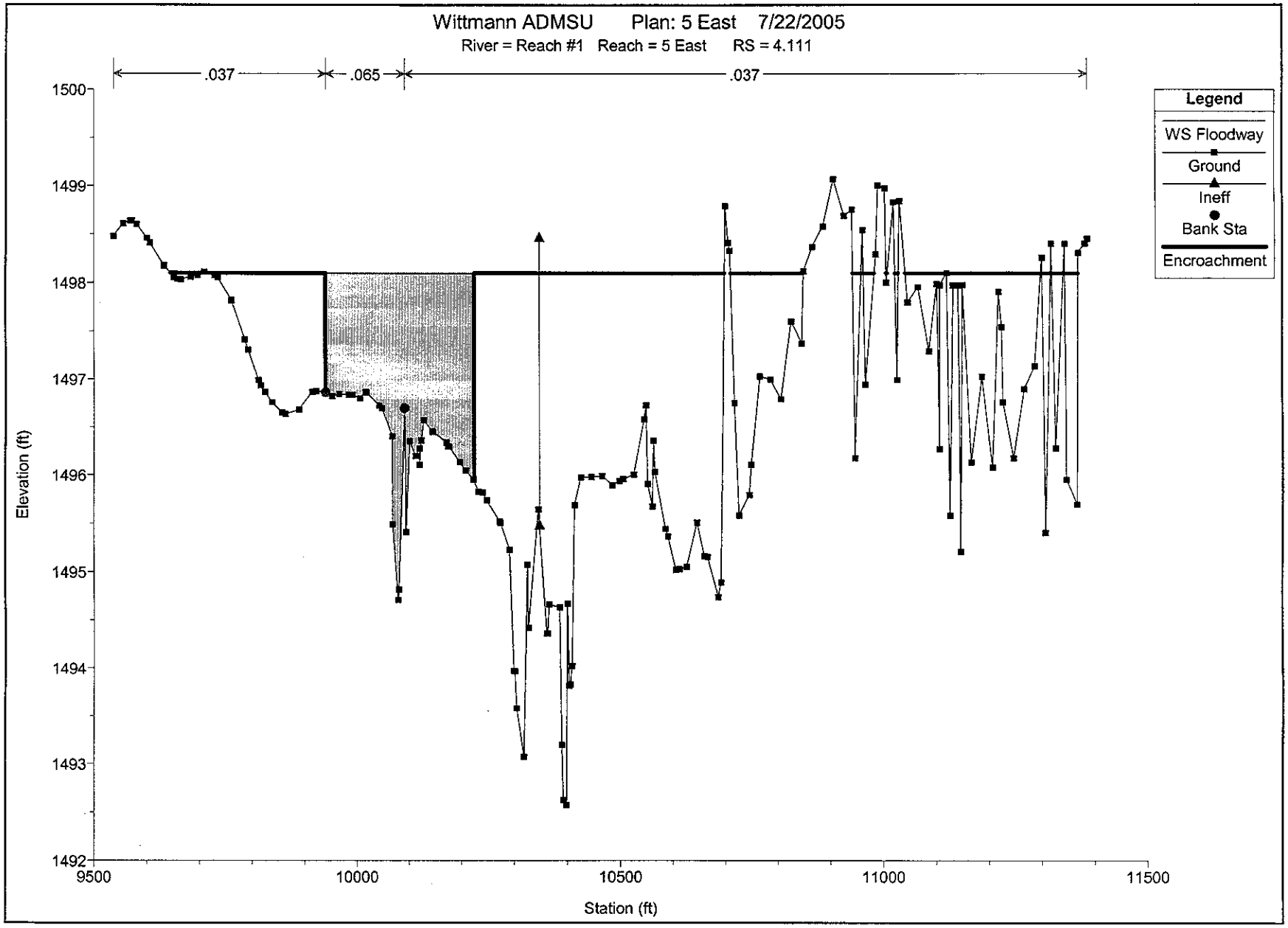

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.444
.035
.052
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1510
1509
1508
1507
1506
1505
1504
9850
9900
9950
10000
10050
10100
10150
10200
10250
Station (ft)

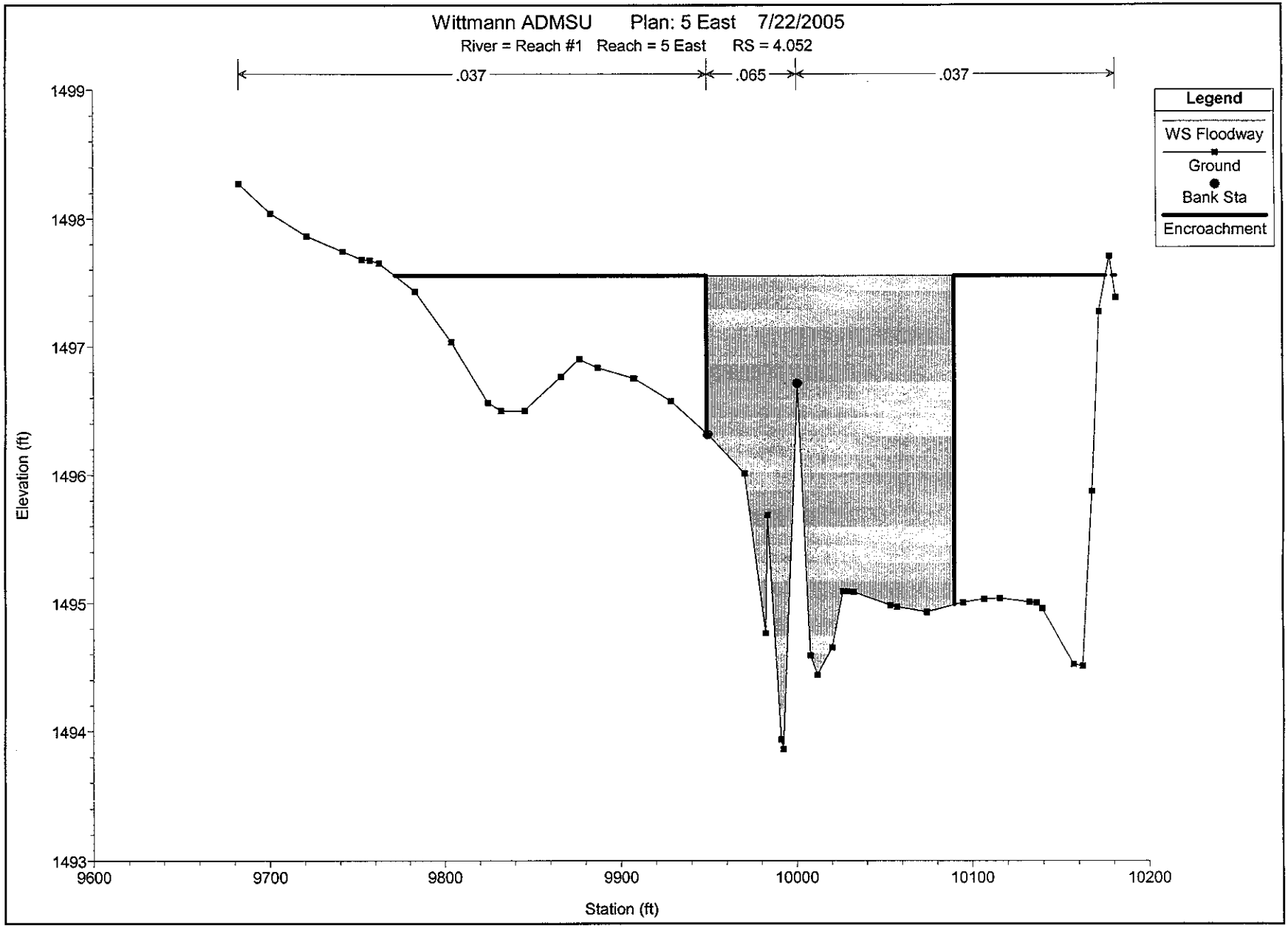

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.381
.037
.065
.037
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1507.0
1506.5
1506.0
1505.5
1505.0
1504.5
1504.0
1503.5
1503.0
9500
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

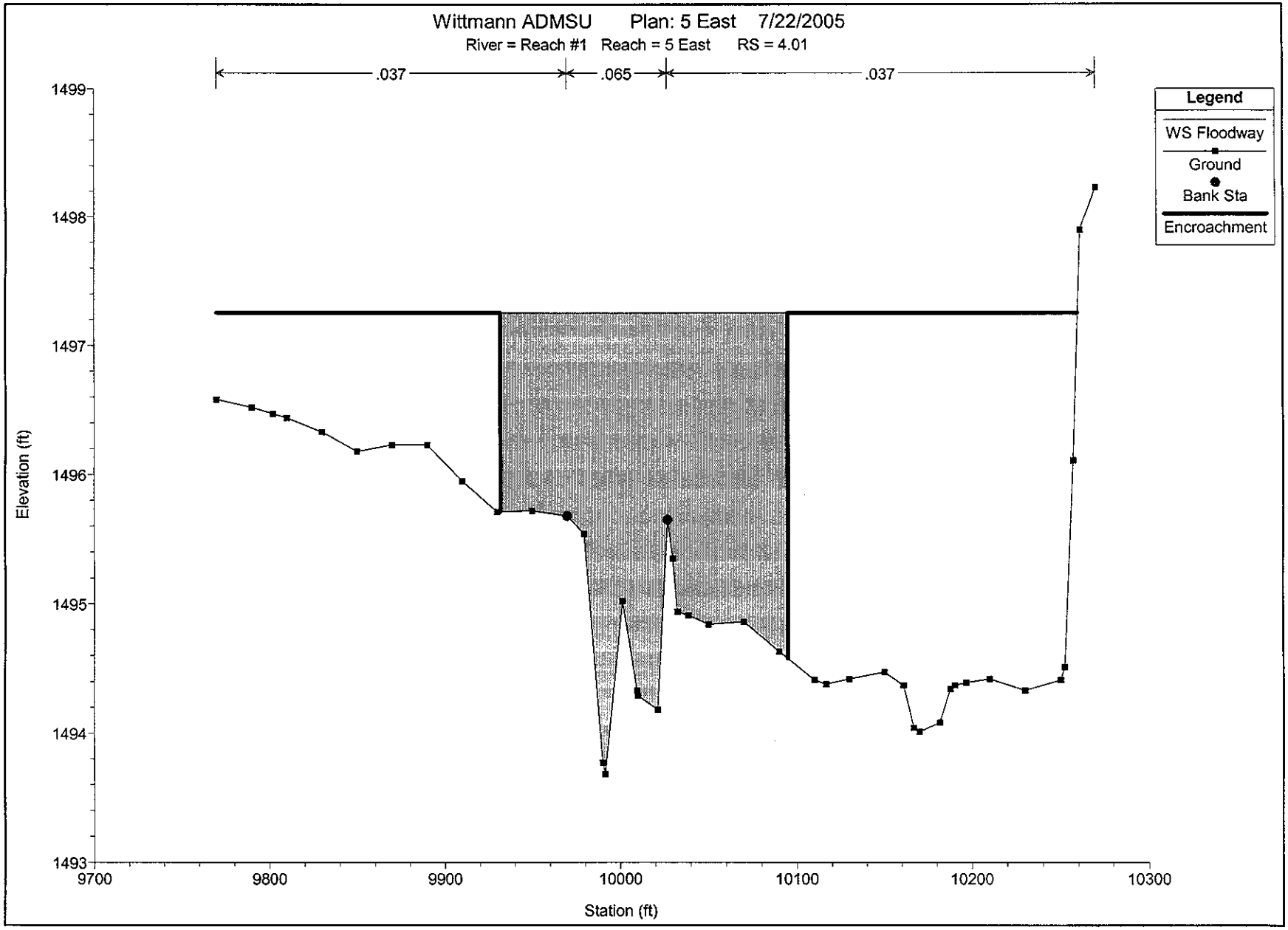

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.318
.037
.065
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1507
1506
1505
1504
1503
1502
1501
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

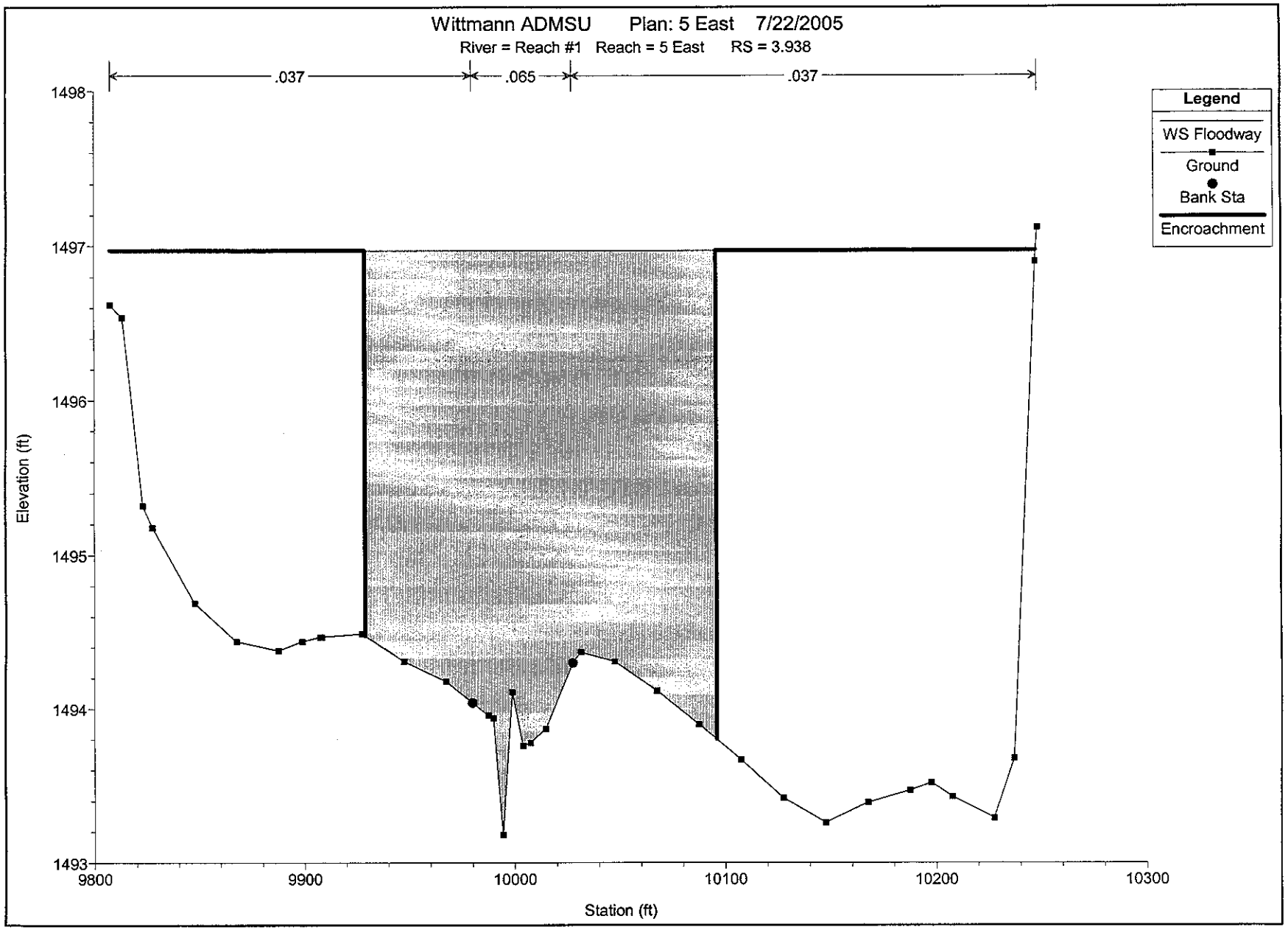

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.26
.037
.065
.037
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1504
1503
1502
1501
1500
1499
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

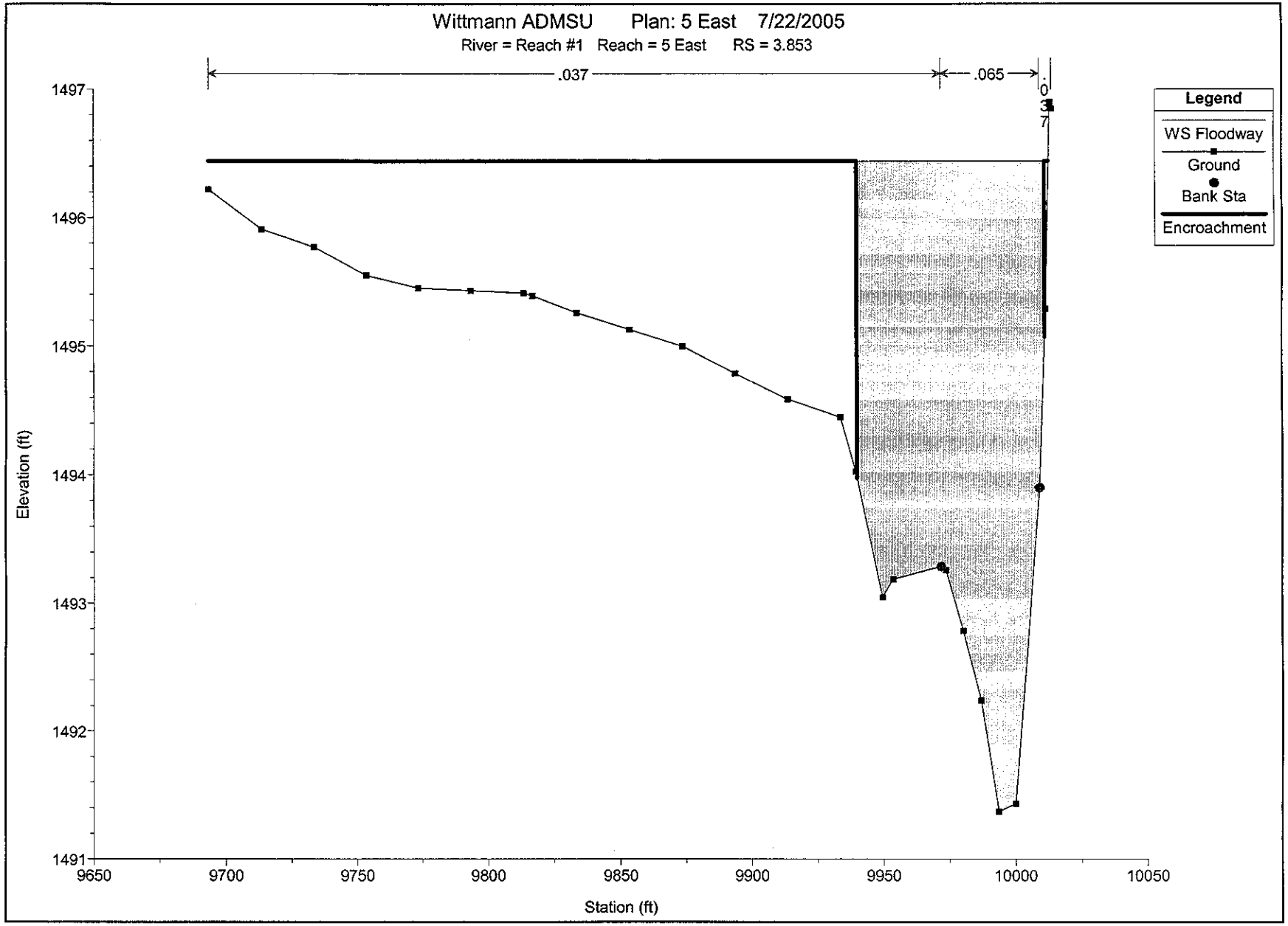

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.185
.037
.065
.037
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1502
1500
1498
1496
1494
1492
1490
1488
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

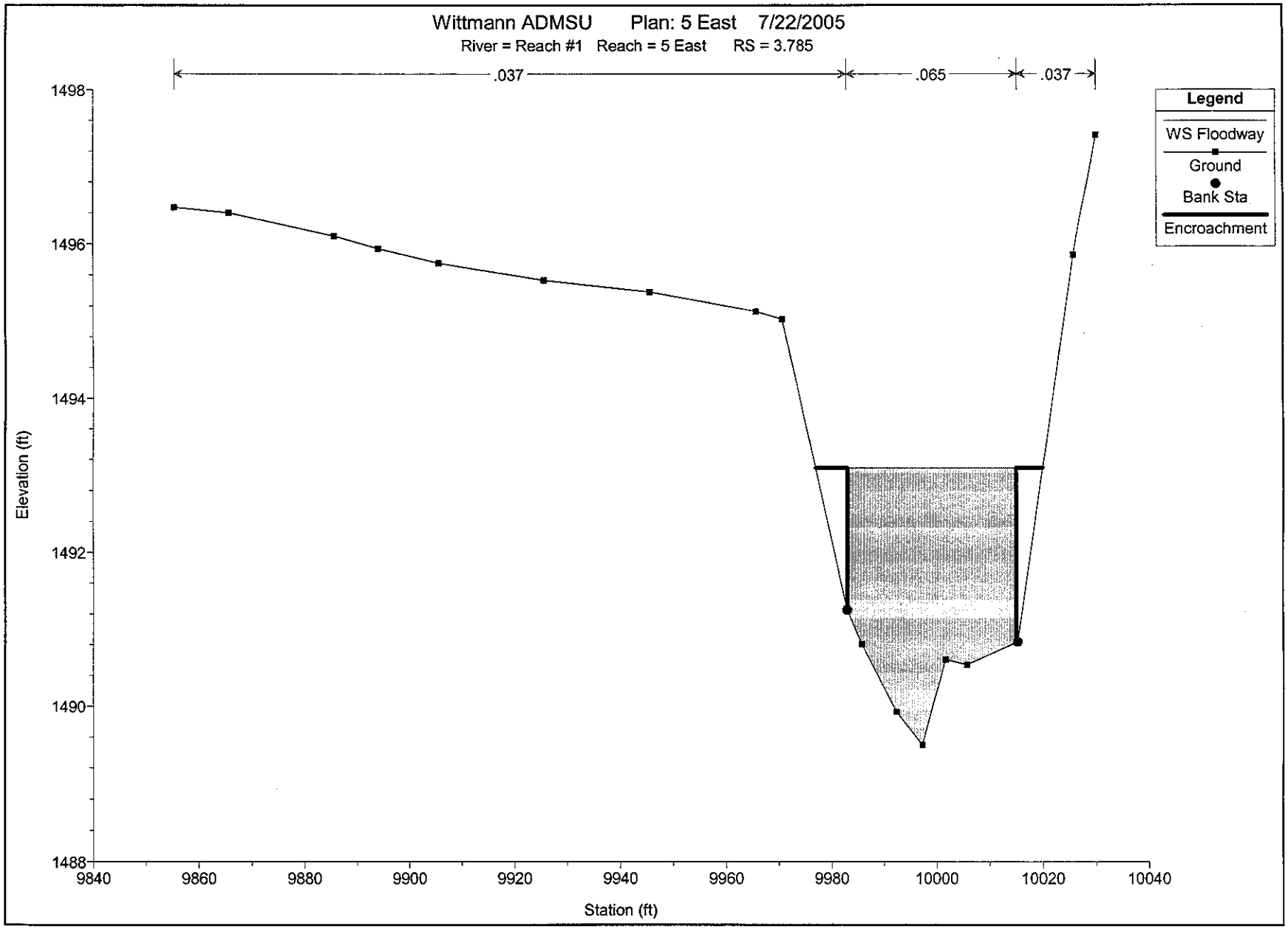

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.111
.037
.065
.037
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1500
1499
1498
1497
1496
1495
1494
1493
1492
9500
10000
10500
11000
11500
Station (ft)

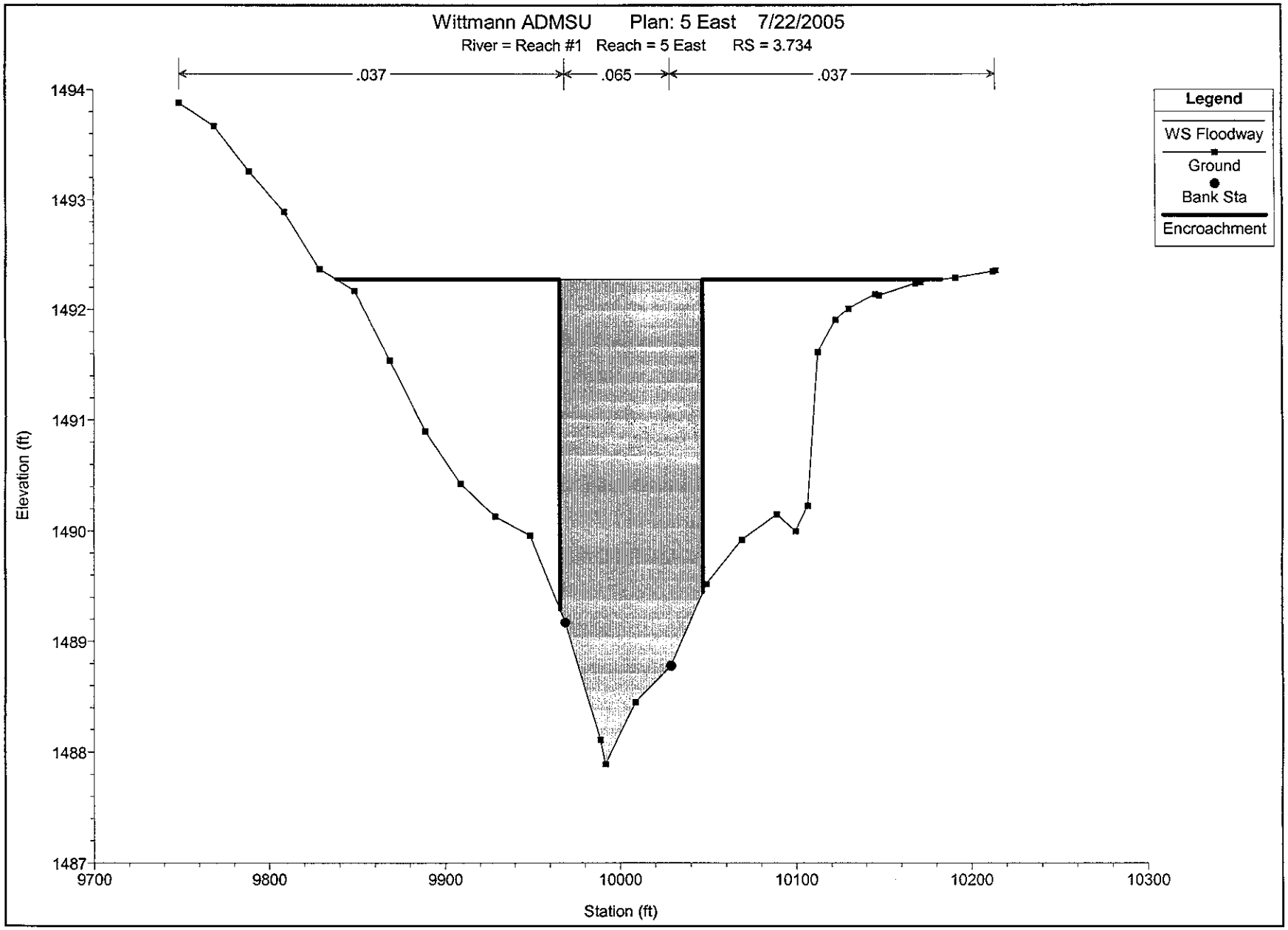

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.052
.037
.065
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1499
1498
1497
1496
1495
1494
1493
9600
9700
9800
9900
10000
10100
10200
Station (ft)

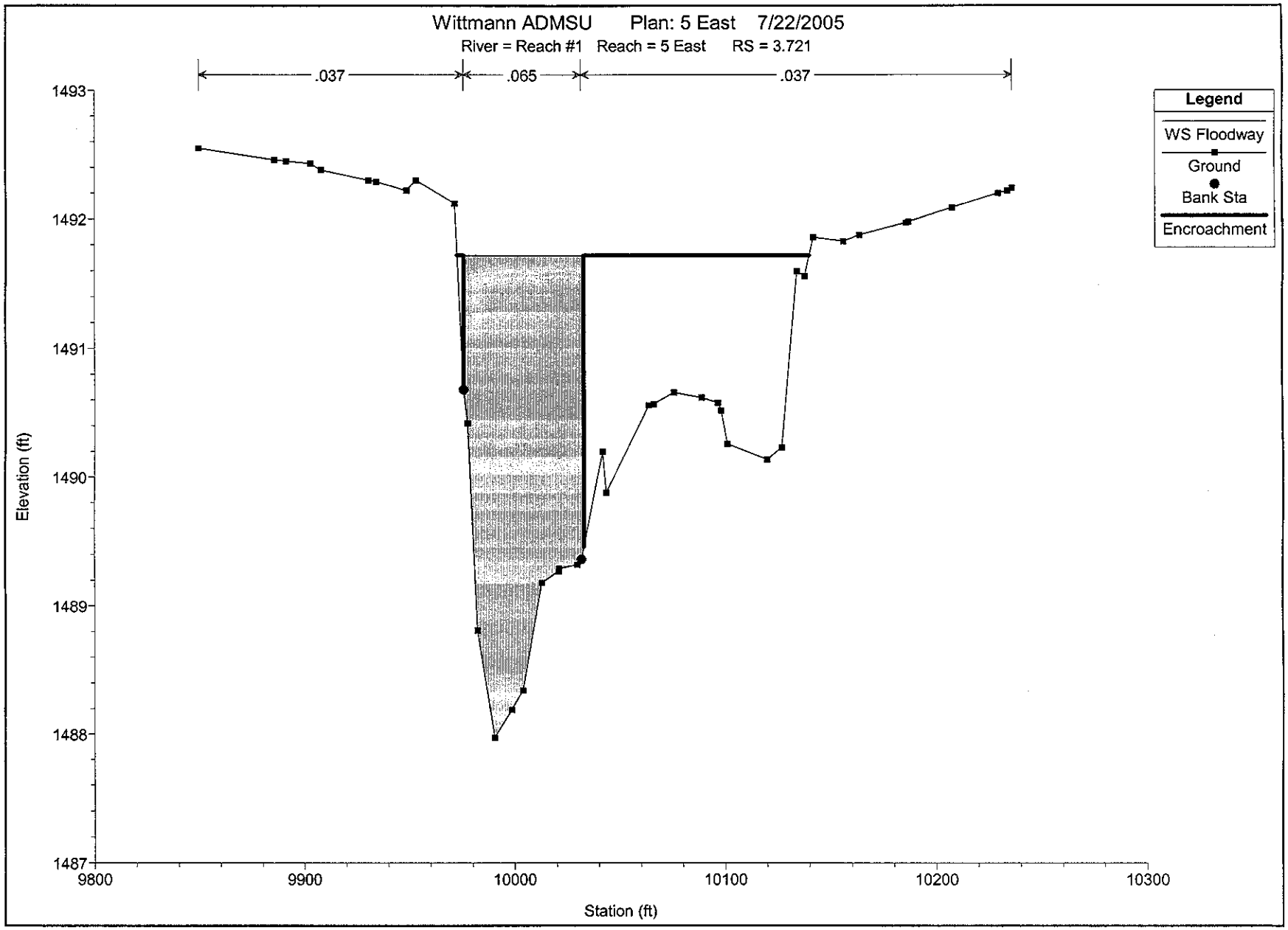

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 4.01
.037
.065
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1499
1498
1497
1496
1495
1494
1493
9700
9800
9900
10000
10100
10200
10300
Station (ft)

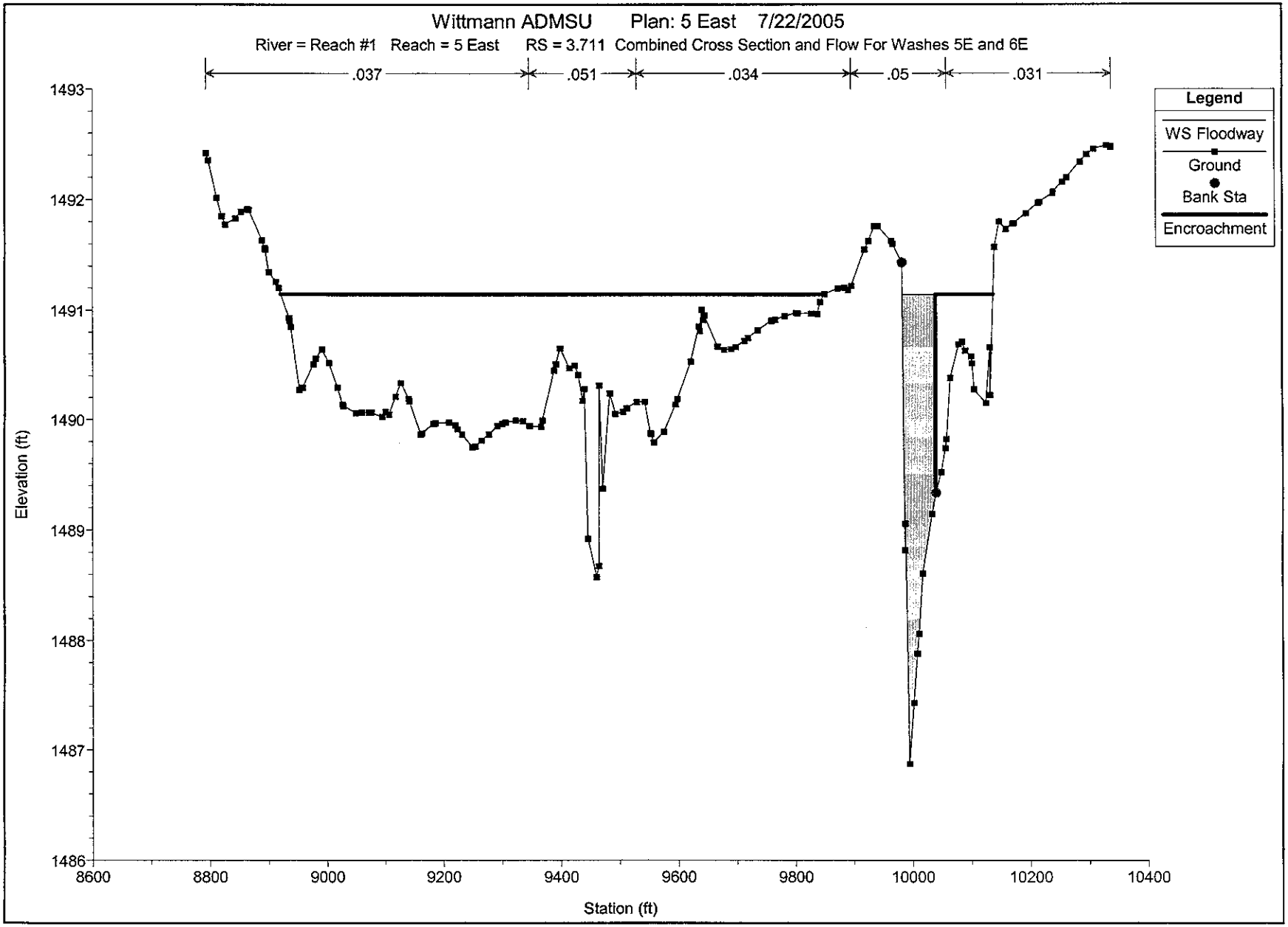

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.938
.037
.065
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1497
1496
1495
1494
1493
9800
9900
10000
10100
10200
10300
Station (ft)

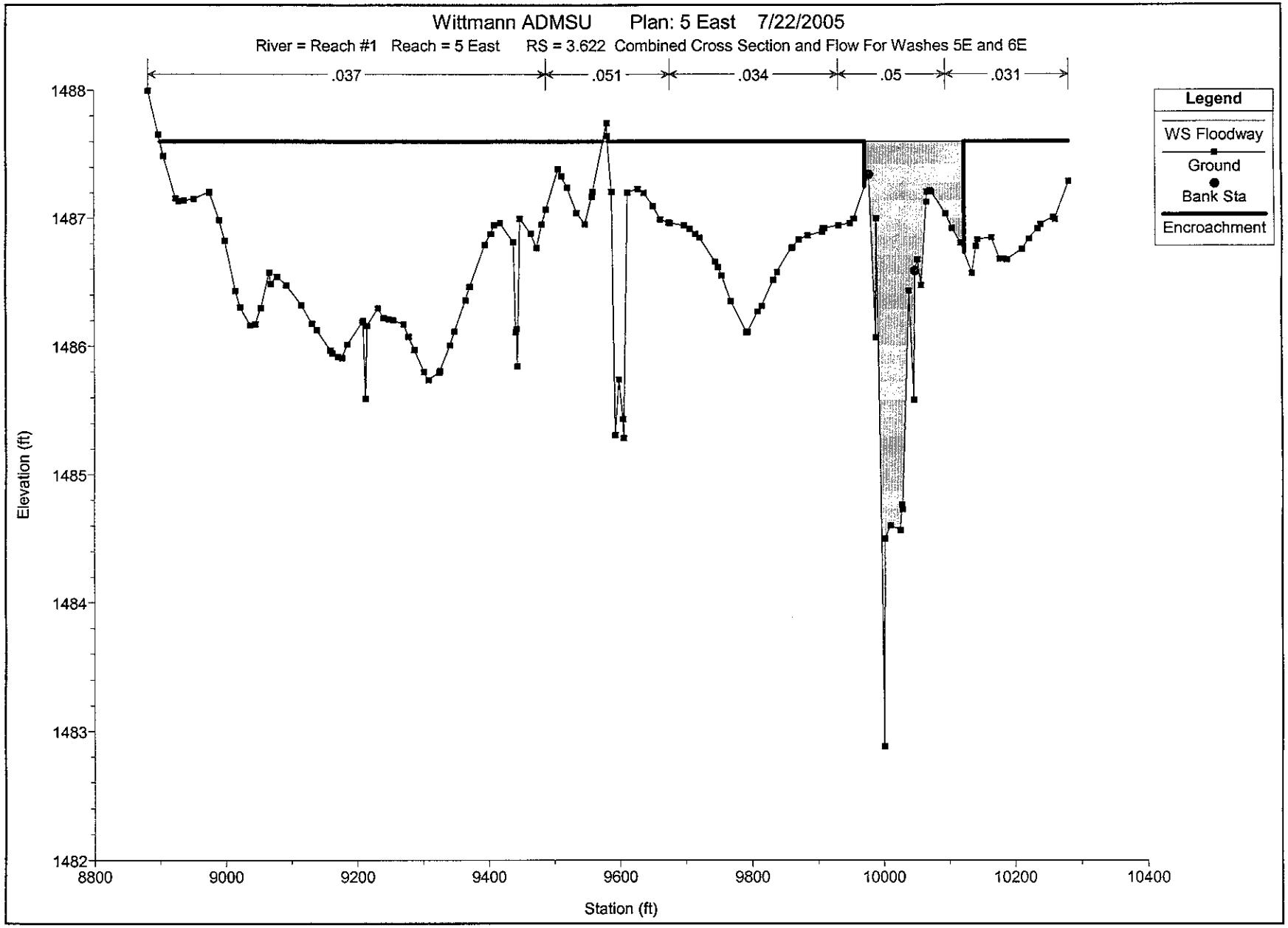

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.853
.037
.065
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1497
1496
1495
1494
1493
1492
1491
9650
9700
9750
9800
9850
9900
9950
10000
10050
Station (ft)

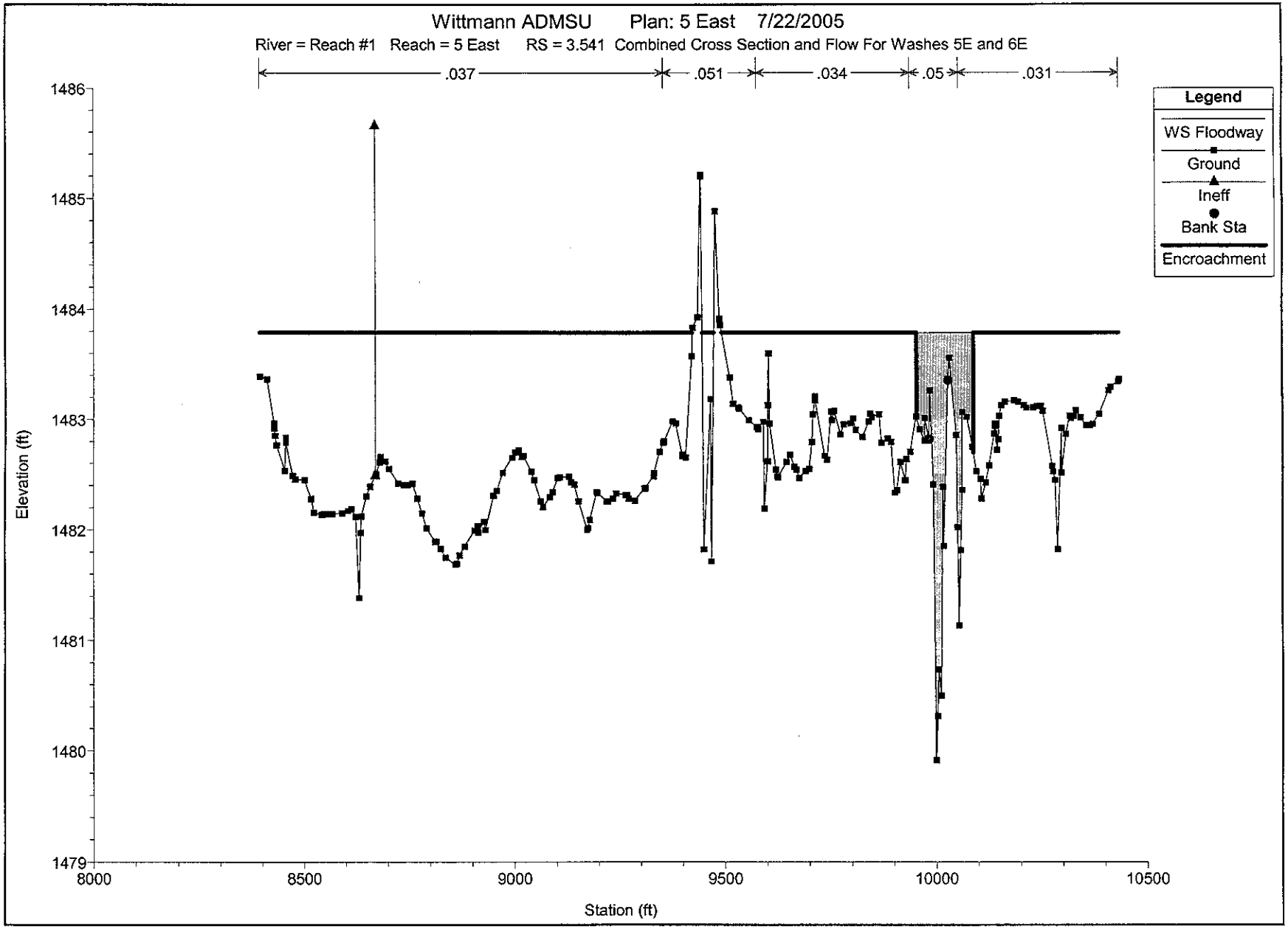

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.785
.037
.065
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1496
1494
1492
1490
1488
9840
9860
9880
9900
9920
9940
9960
9980
10000
10020
10040
Station (ft)

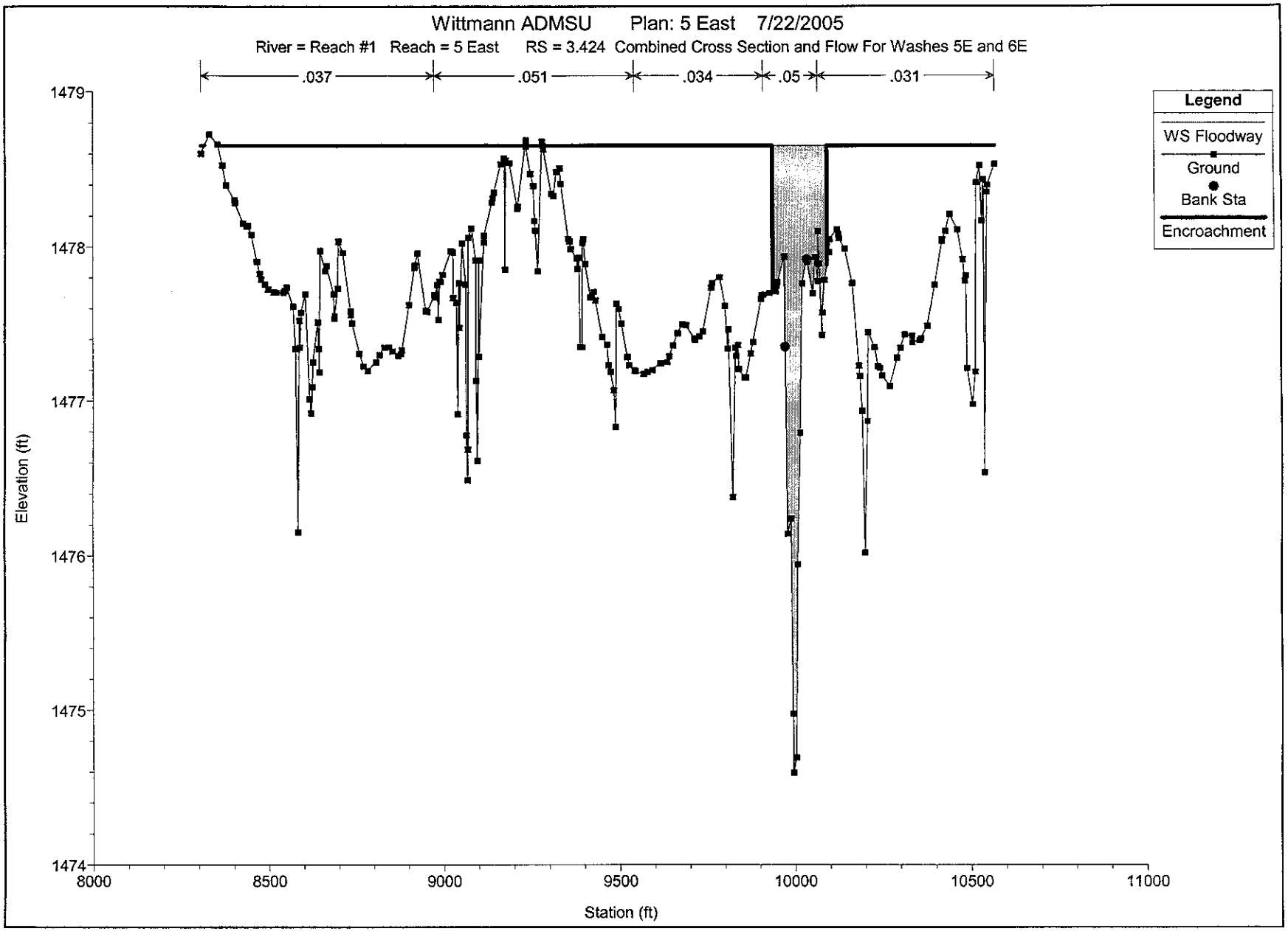

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.734
.037
.065
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1494
1493
1492
1491
1490
1489
1488
1487
9700
9800
9900
10000
10100
10200
10300
Station (ft)

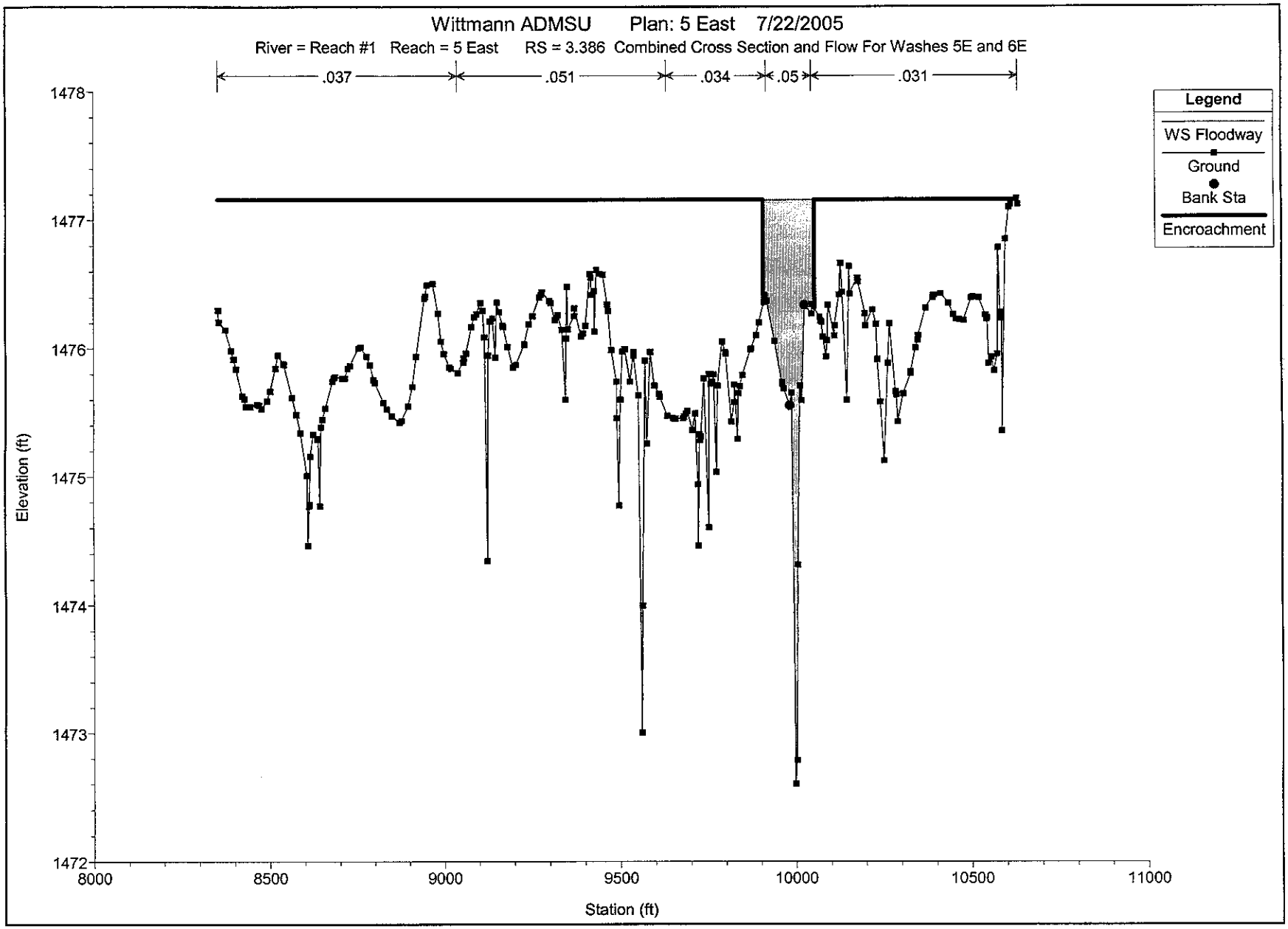

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.721
.037
.065
.037
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1493
1492
1491
1490
1489
1488
1487
9800
9900
10000
10100
10200
10300
Station (ft)

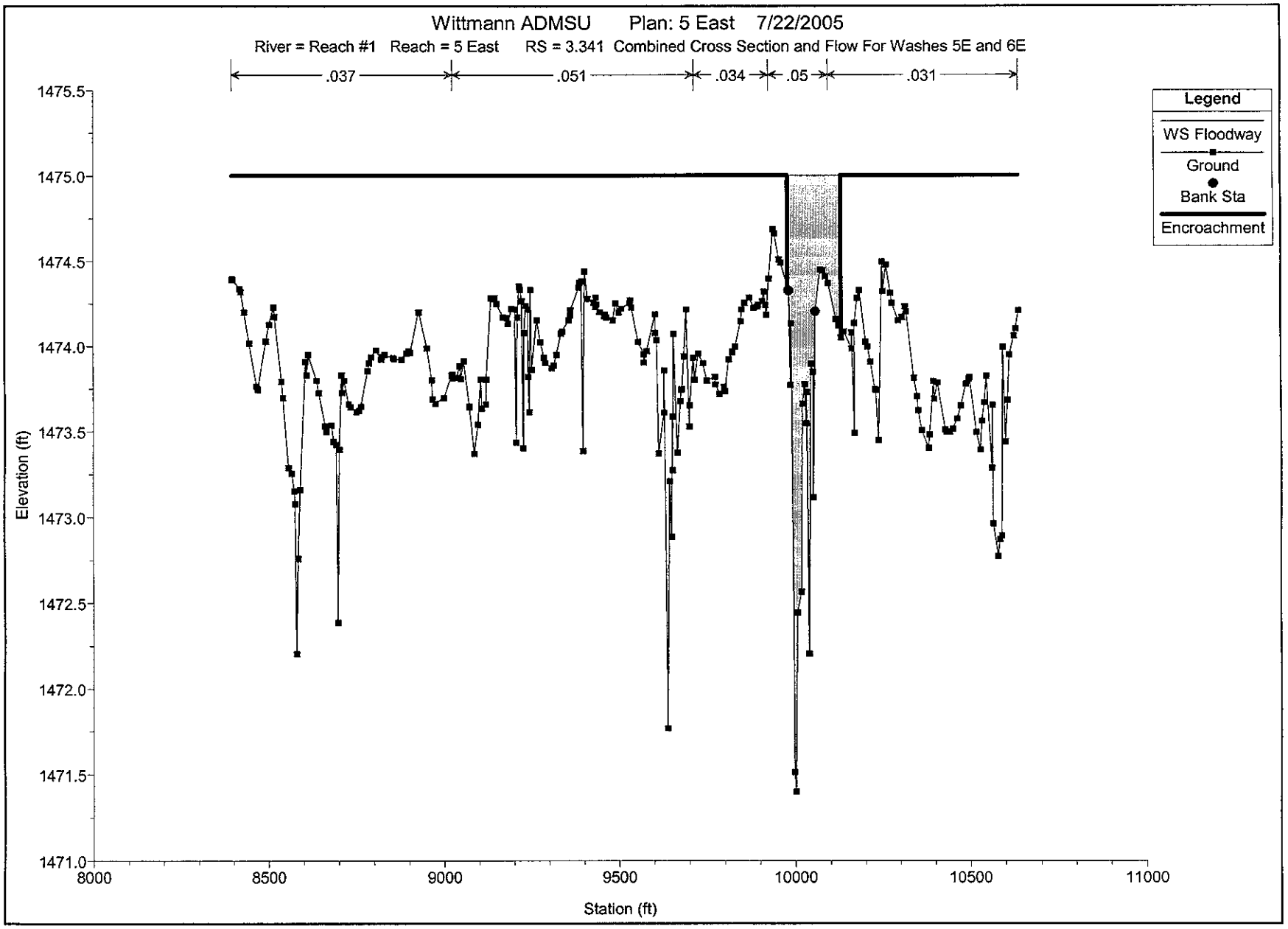

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.711 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1493
1492
1491
1490
1489
1488
1487
1486
8600
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

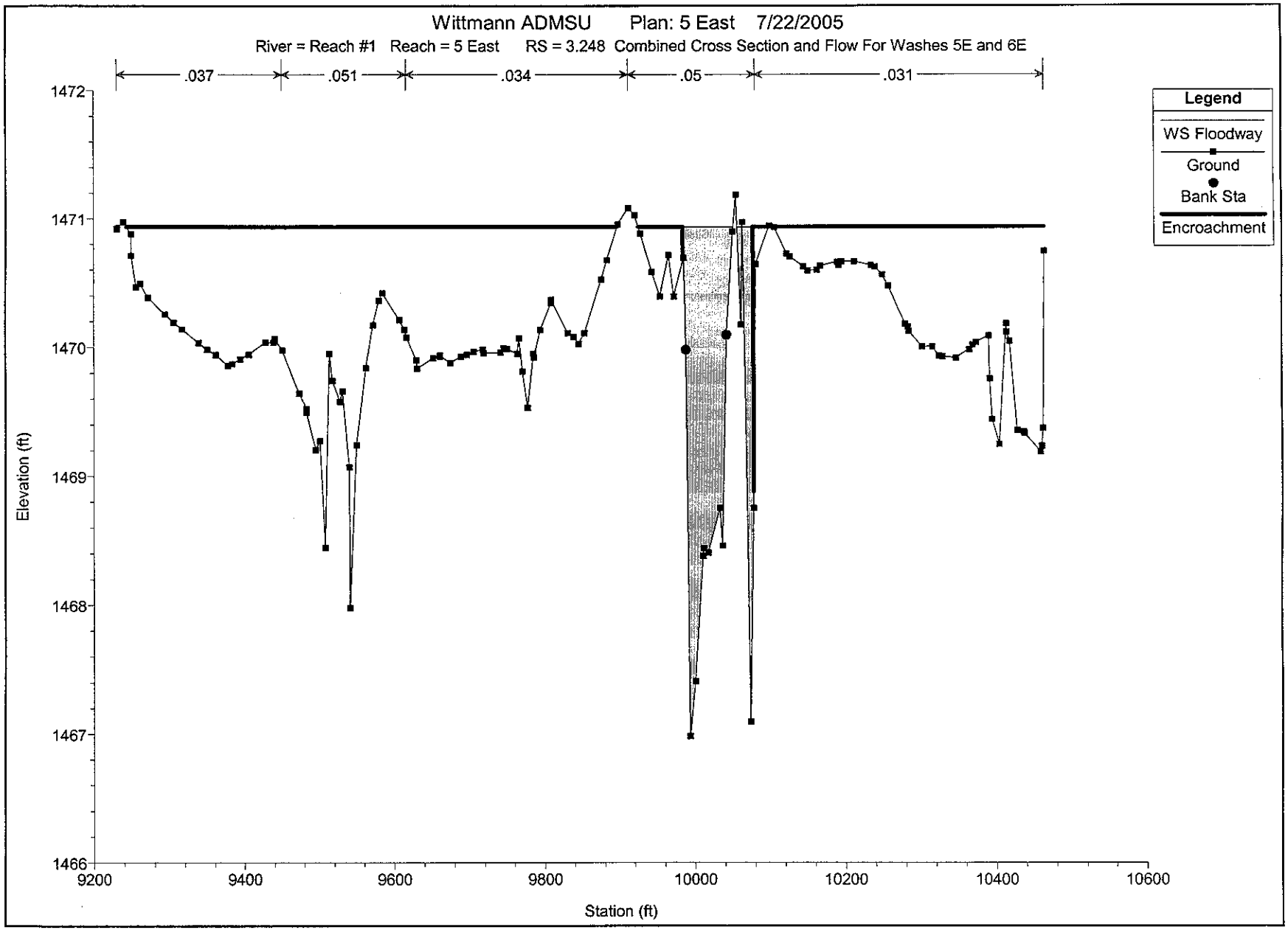

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.622 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1488
1487
1486
1485
1484
1483
1482
8800
9000
9200
9400
9600
9800
10000
10200
10400
Station (ft)

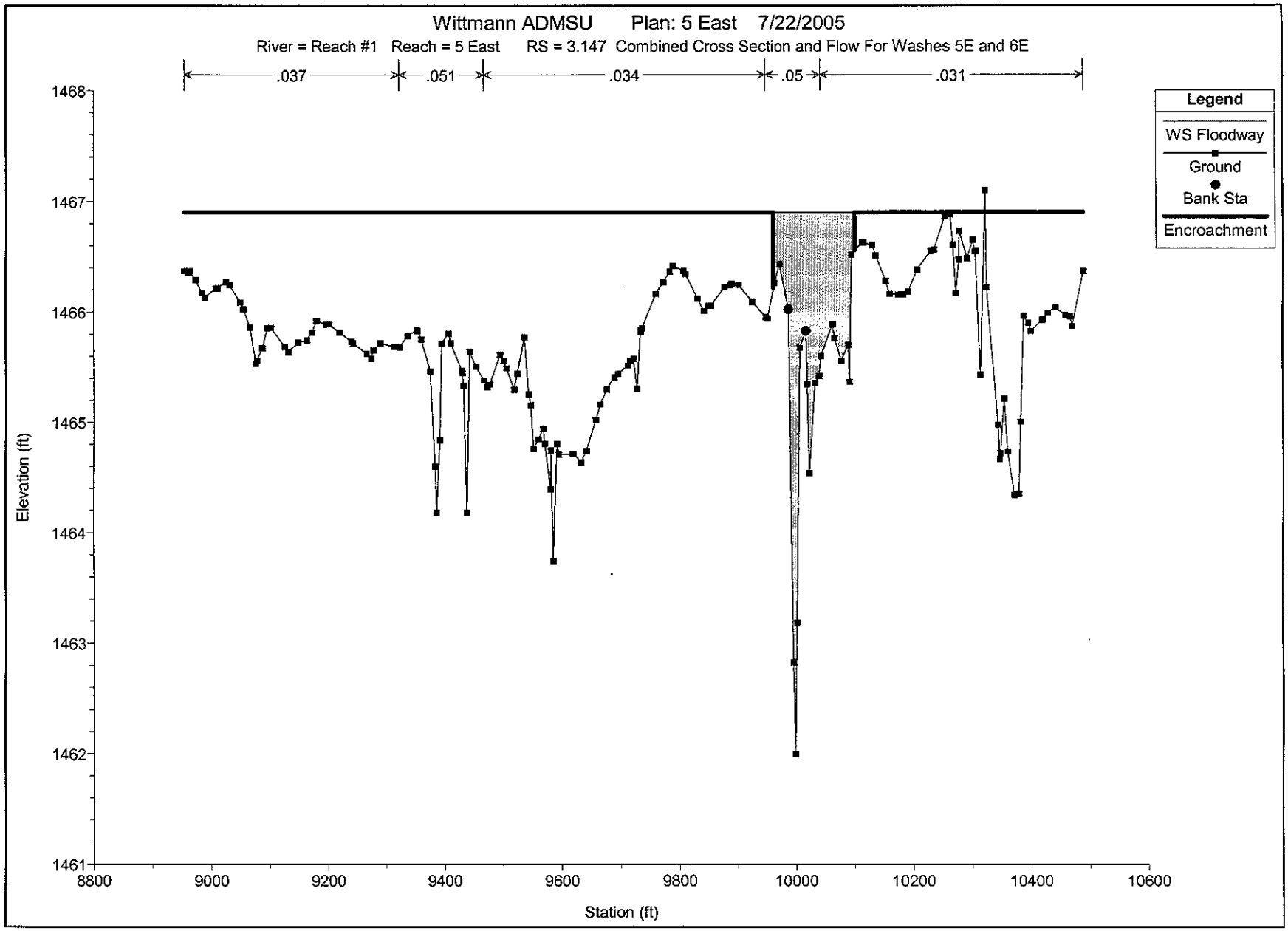

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.541 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1486
1485
1484
1483
1482
1481
1480
1479
8000
8500
9000
9500
10000
10500
Station (ft)

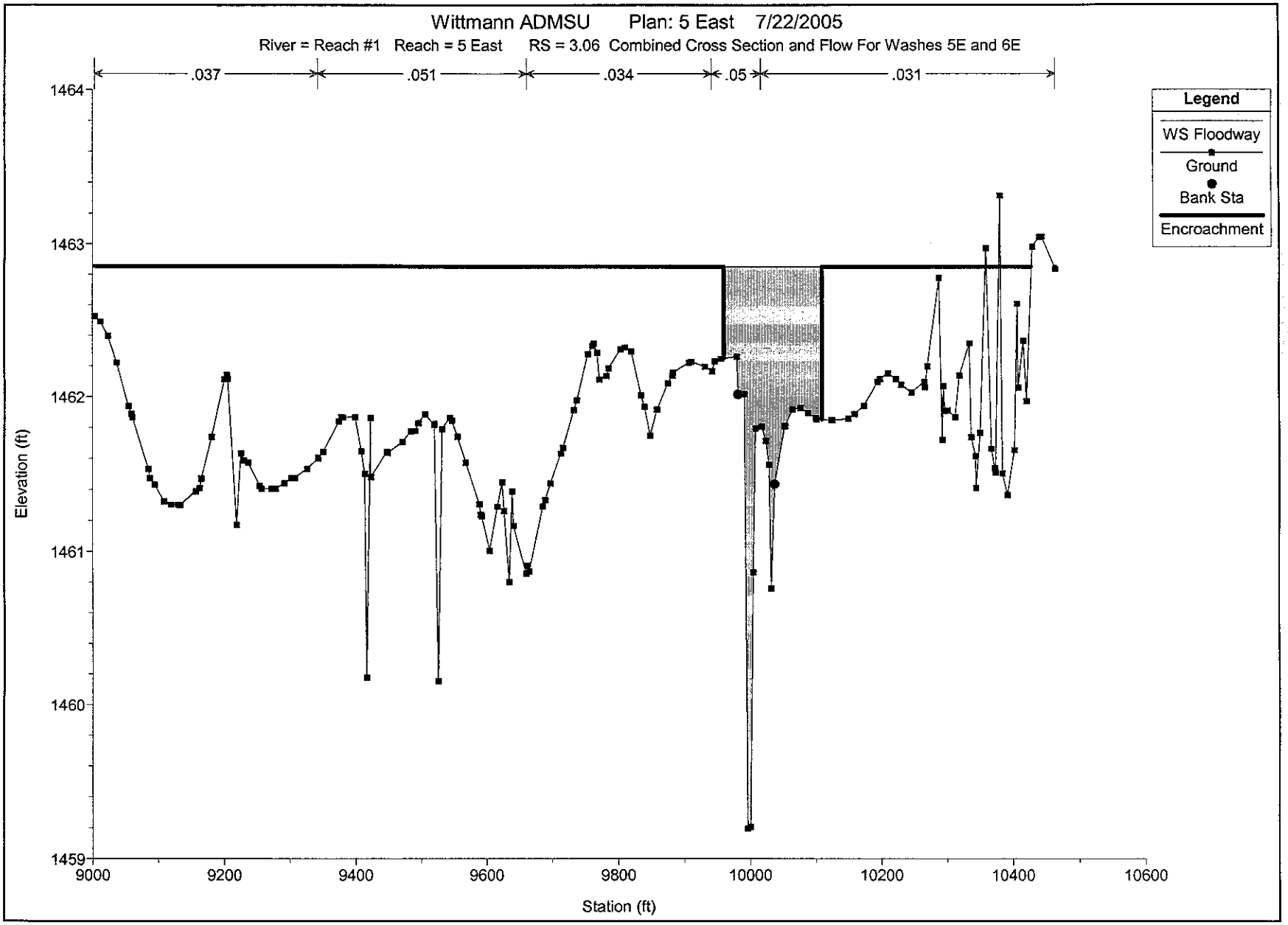

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.424 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1479
1478
1477
1476
1475
1474
8000
8500
9000
9500
10000
10500
11000
Station (ft)

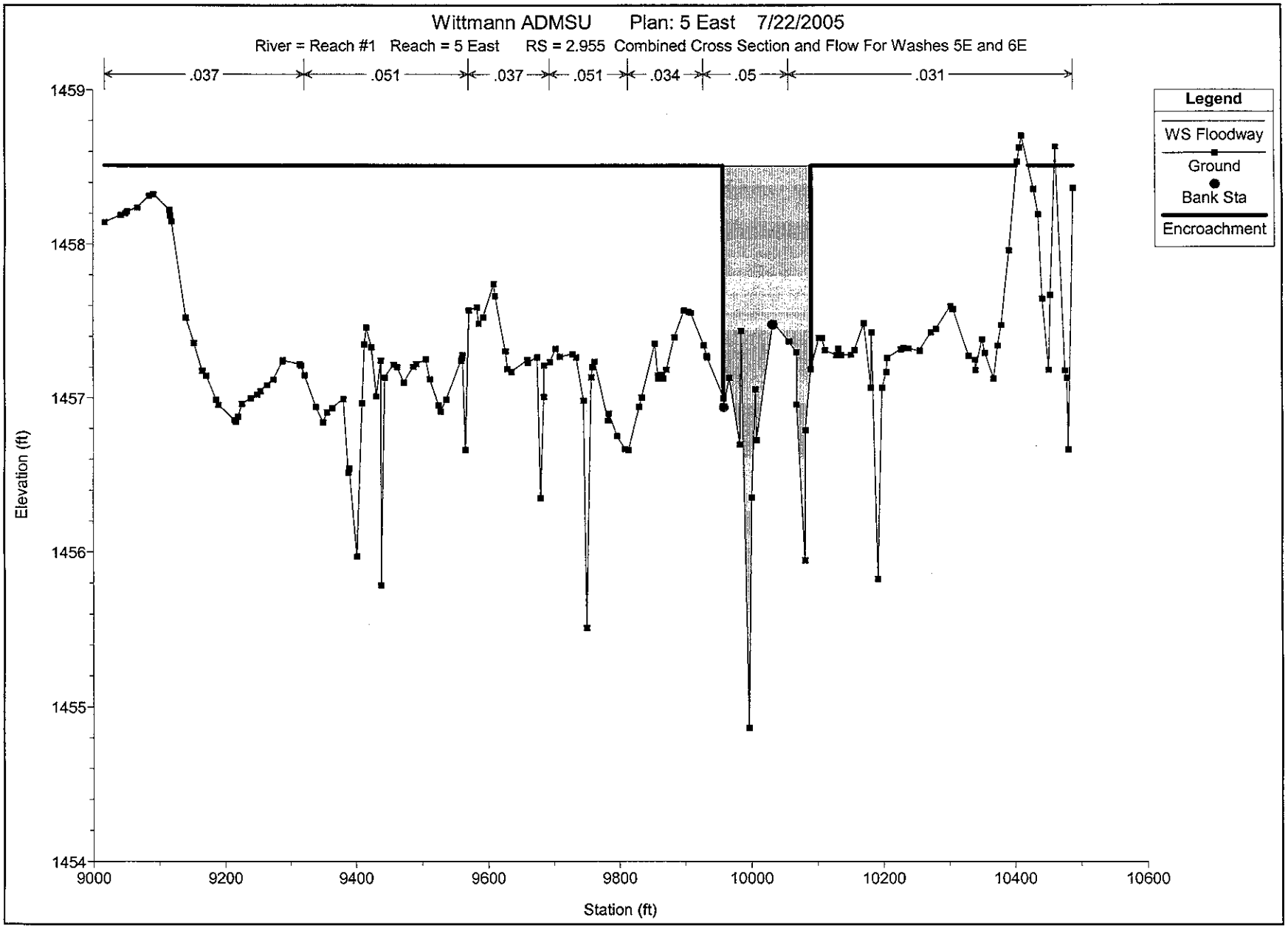

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.386 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1478
1477
1476
1475
1474
1473
1472
8000
8500
9000
9500
10000
10500
11000
Station (ft)

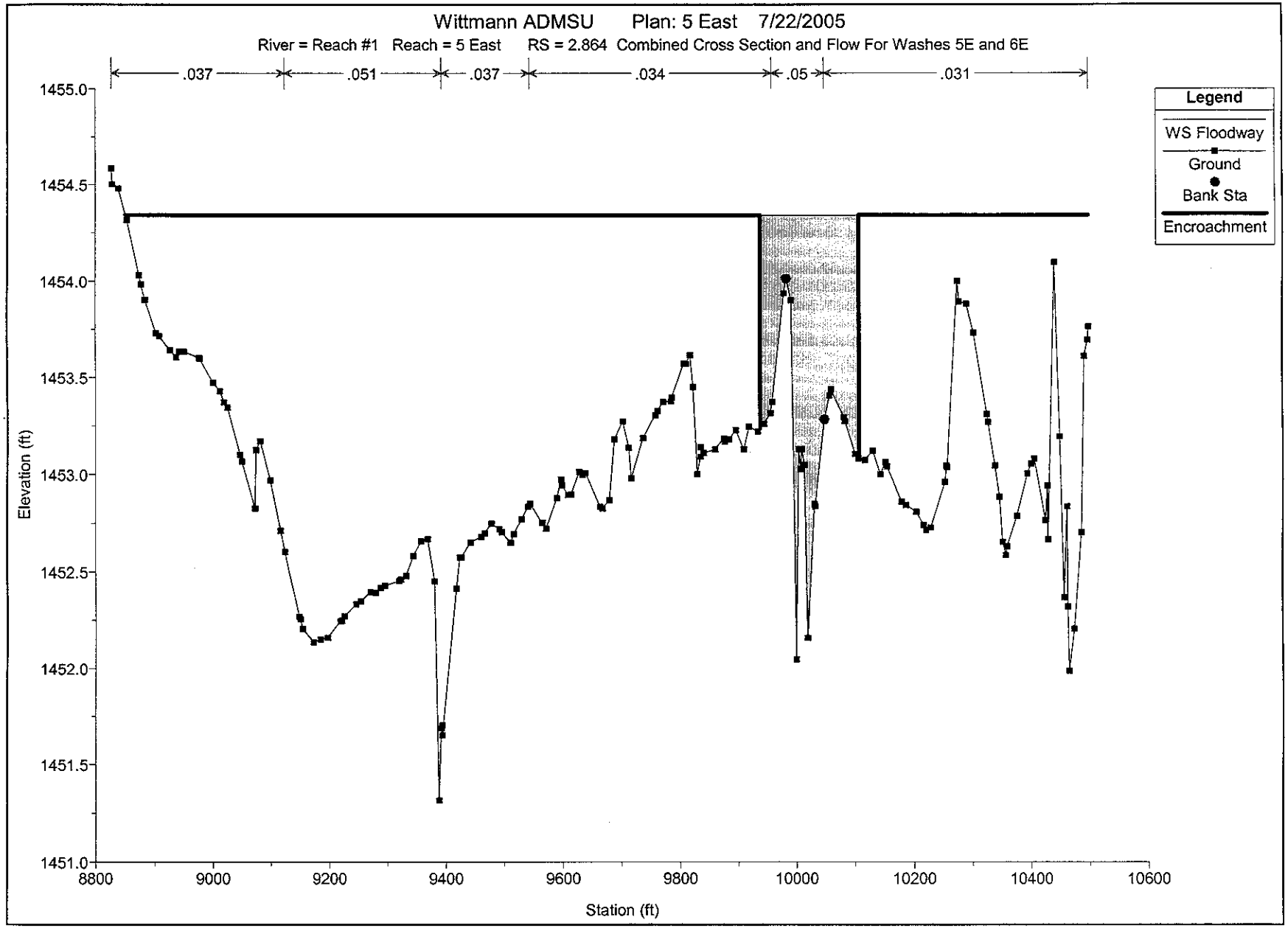

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.341 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1475.5
1475.0
1474.5
1474.0
1473.5
1473.0
1472.5
1472.0
1471.5
1471.0
8000
8500
9000
9500
10000
10500
11000
Station (ft)

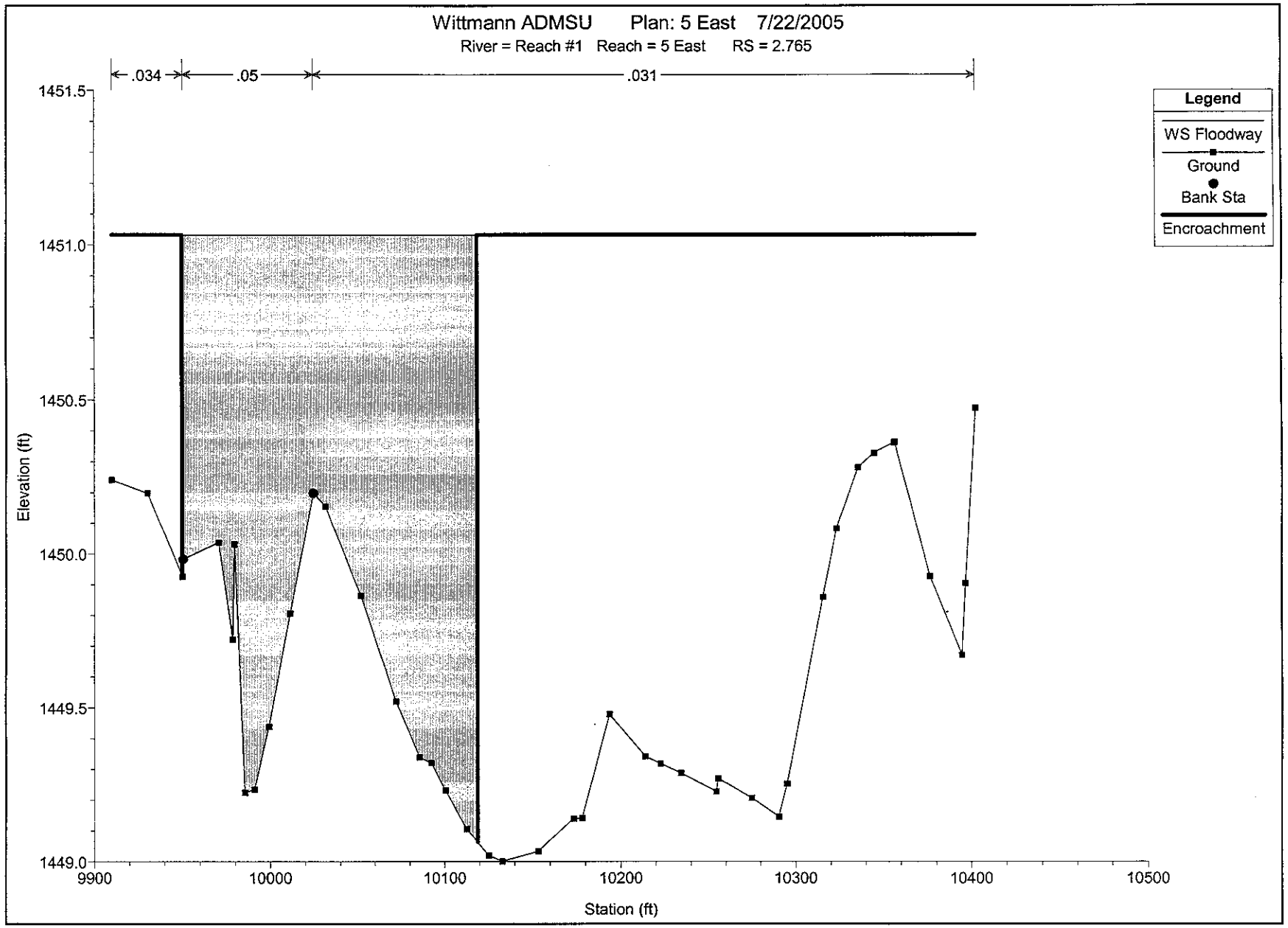

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.248 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1472
1471
1470
1469
1468
1467
1466
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

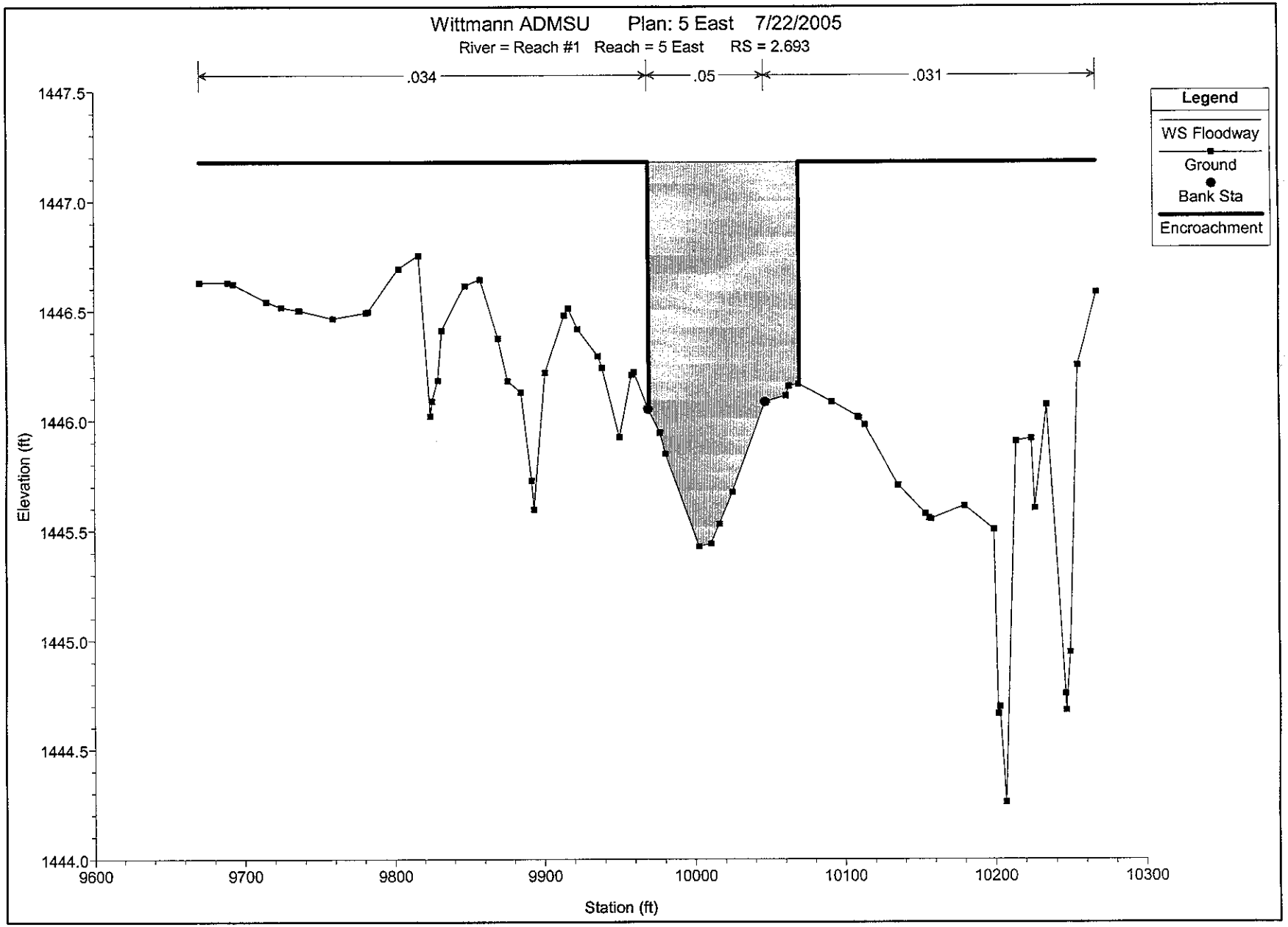

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.147 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1468
1467
1466
1465
1464
1463
1462
1461
8800
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

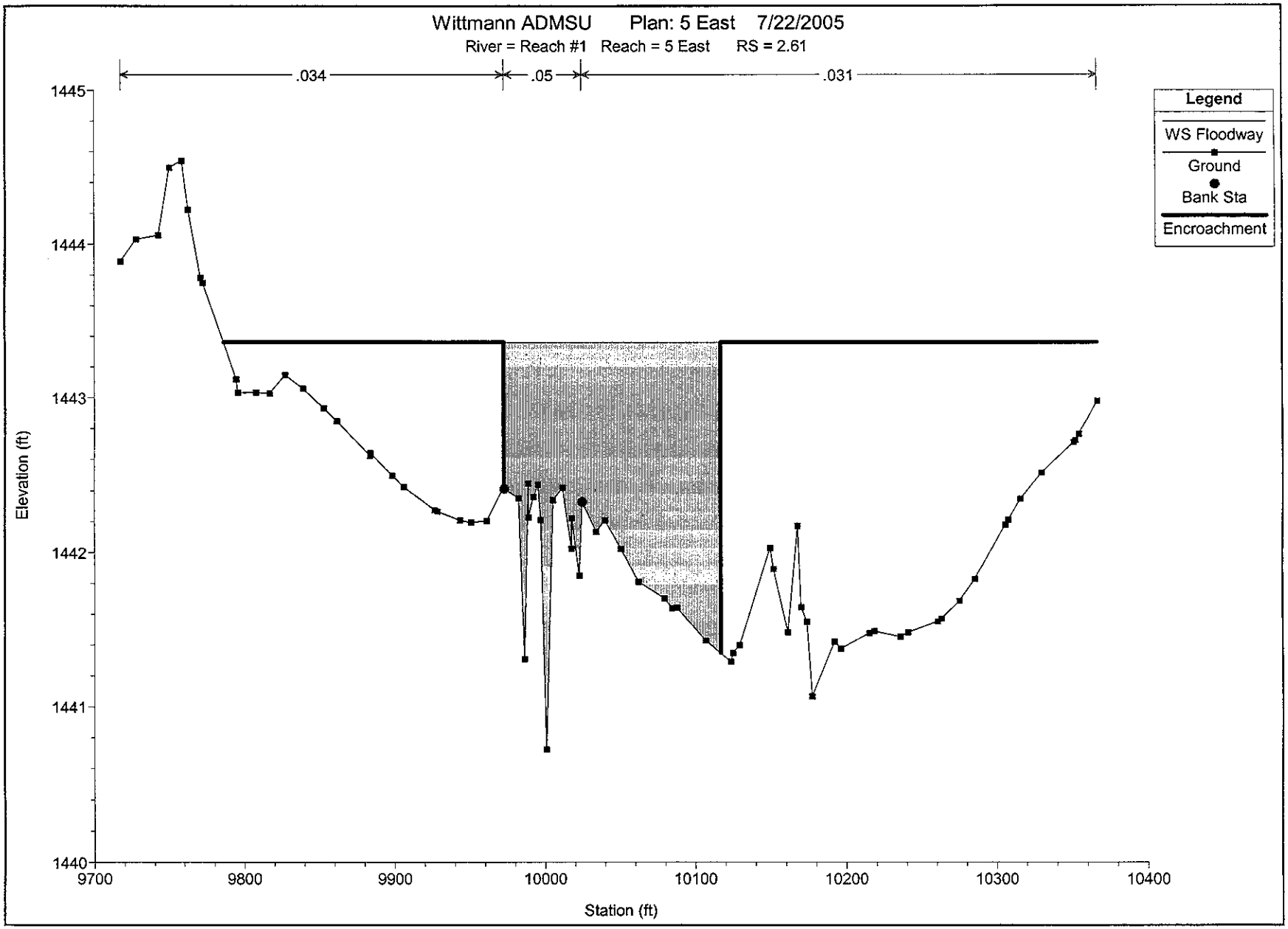

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 3.06 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1464
1463
1462
1461
1460
1459
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

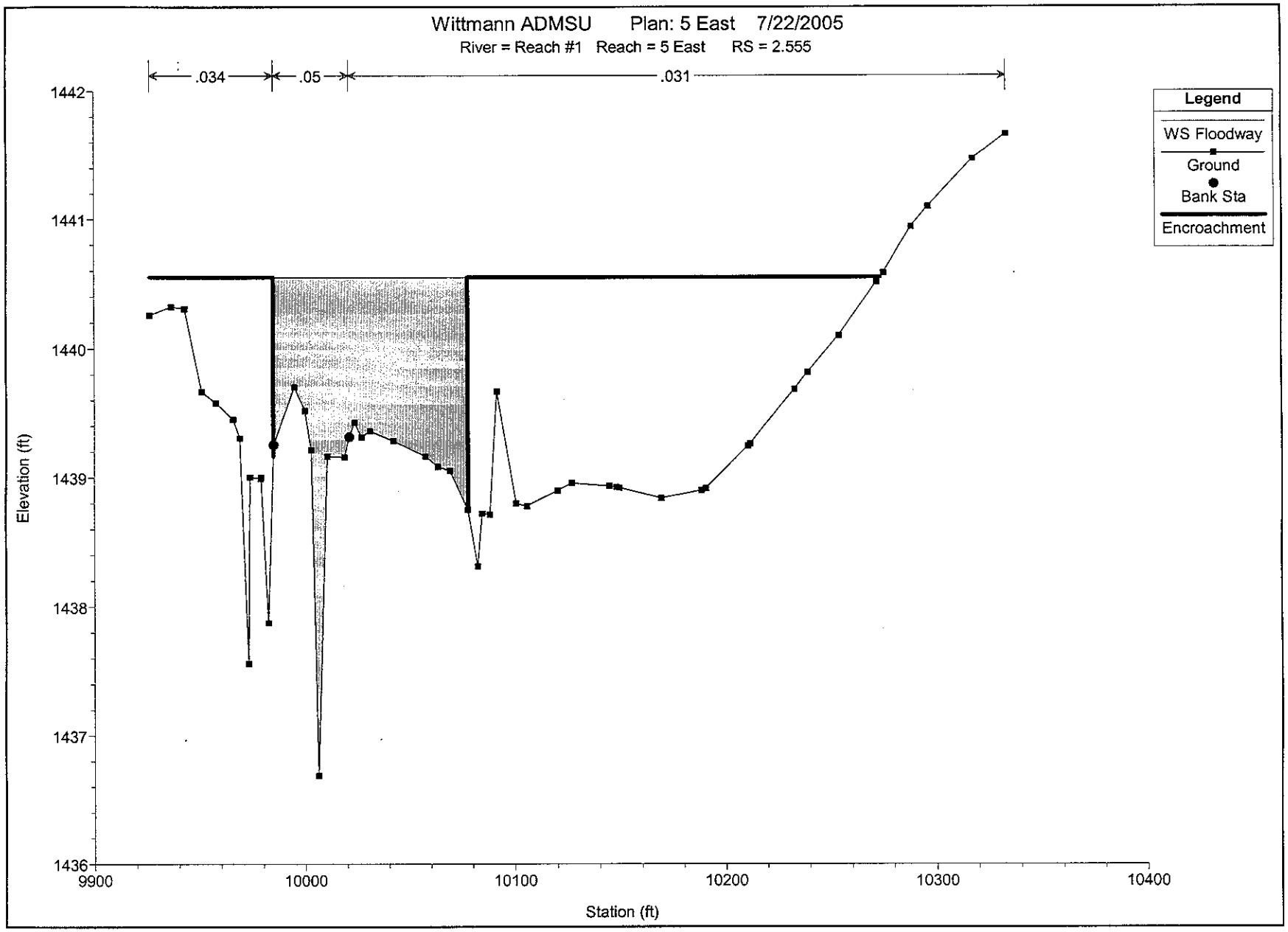

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.955 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.037
.051
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1459
1458
1457
1456
1455
1454
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

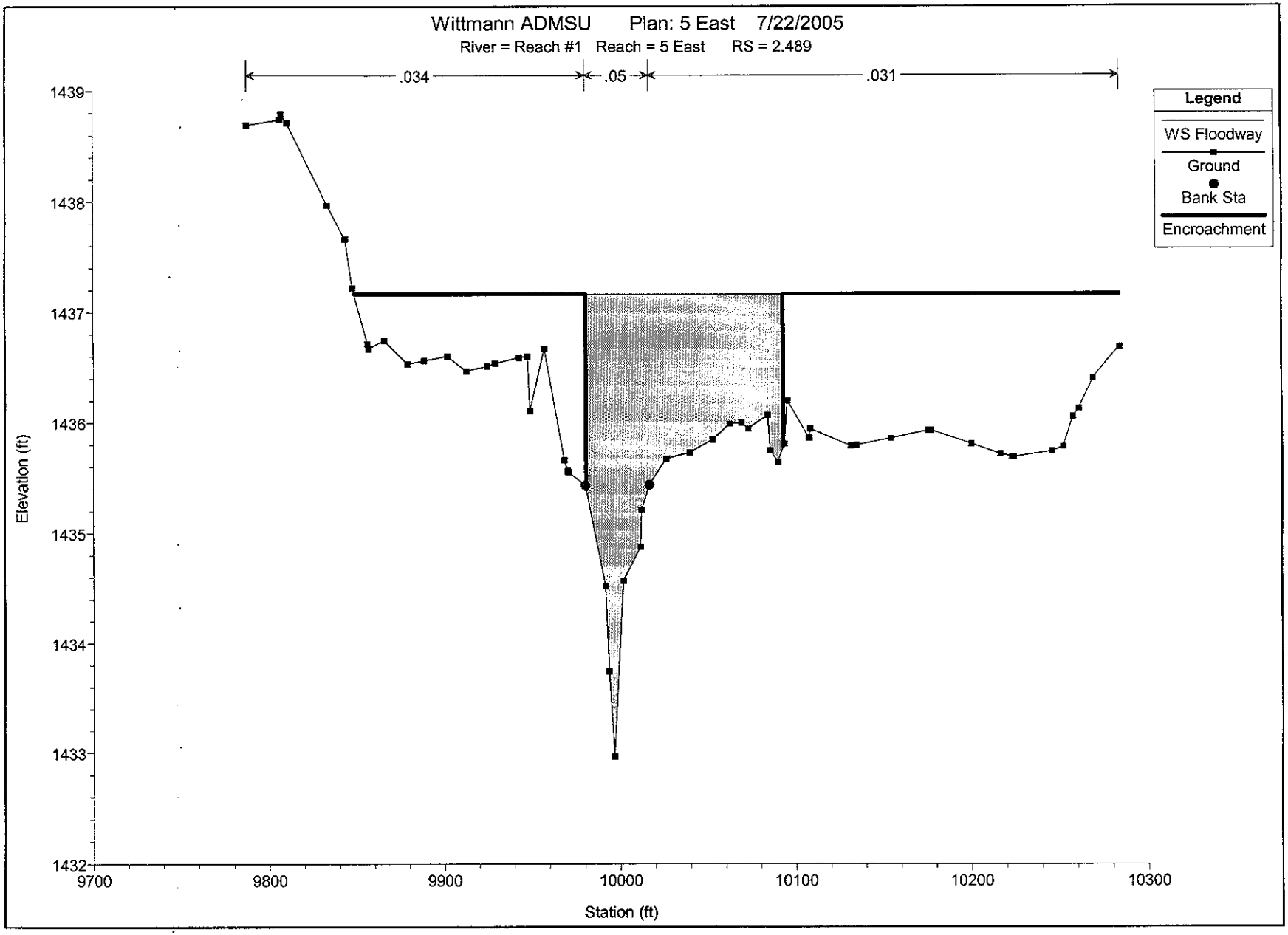

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.864 Combined Cross Section and Flow For Washes 5E and 6E
.037
.051
.037
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1455.0
1454.5
1454.0
1453.5
1453.0
1452.5
1452.0
1451.5
1451.0
8800
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

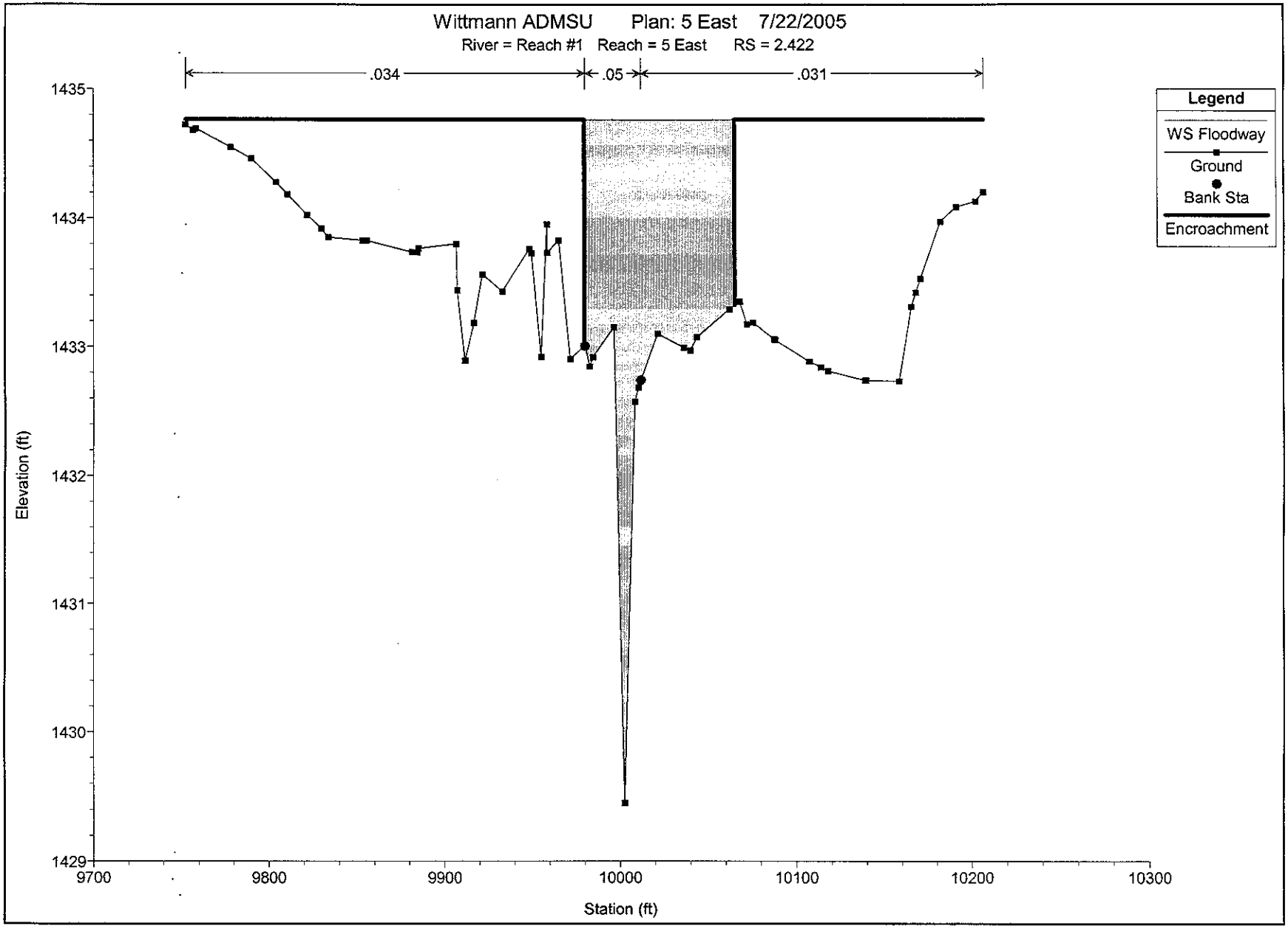

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.765
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1451.5
1451.0
1450.5
1450.0
1449.5
1449.0
9900
10000
10100
10200
10300
10400
10500
Station (ft)

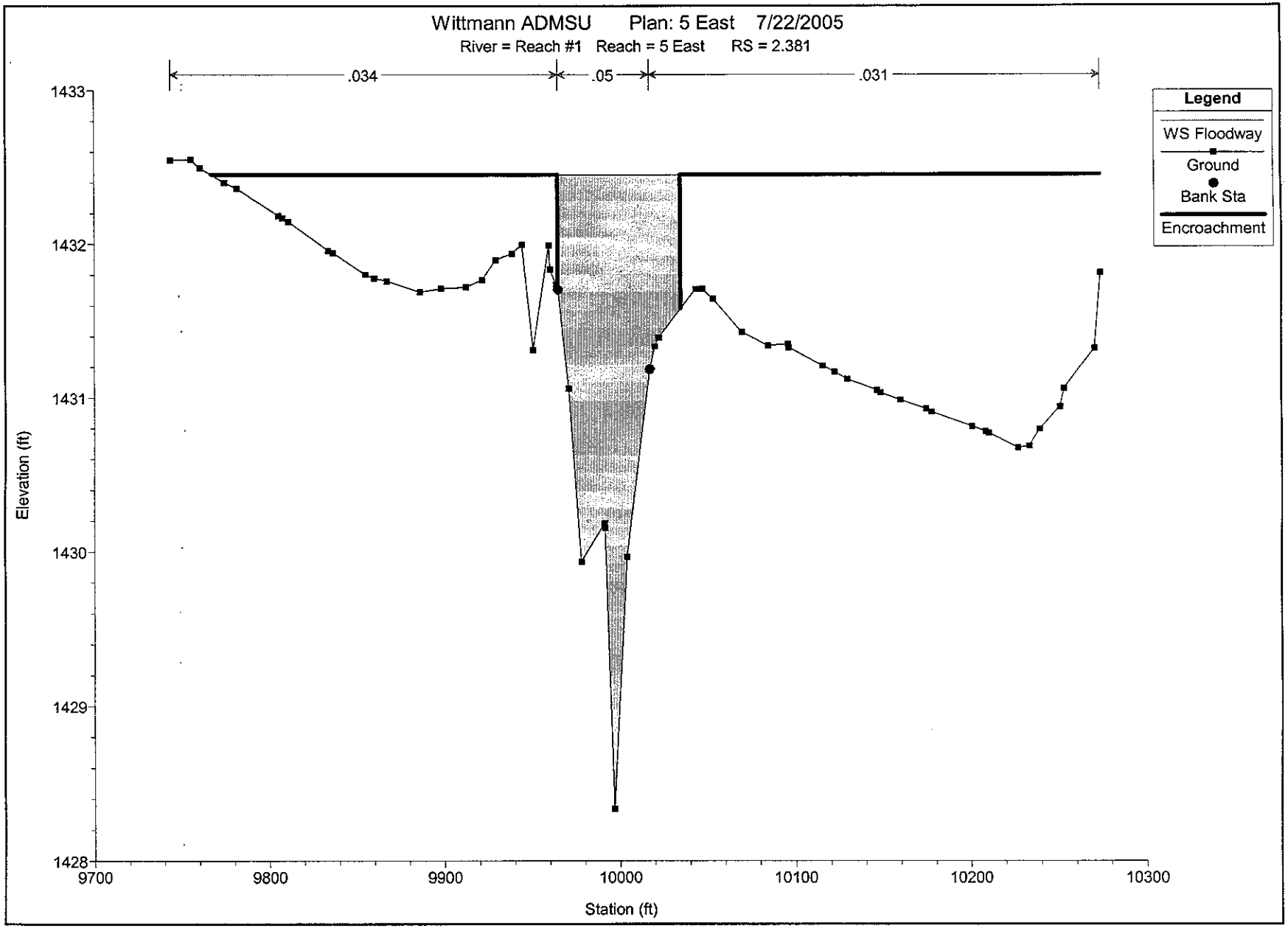

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.693
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1447.5
1447.0
1446.5
1446.0
1445.5
1445.0
1444.5
1444.0
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

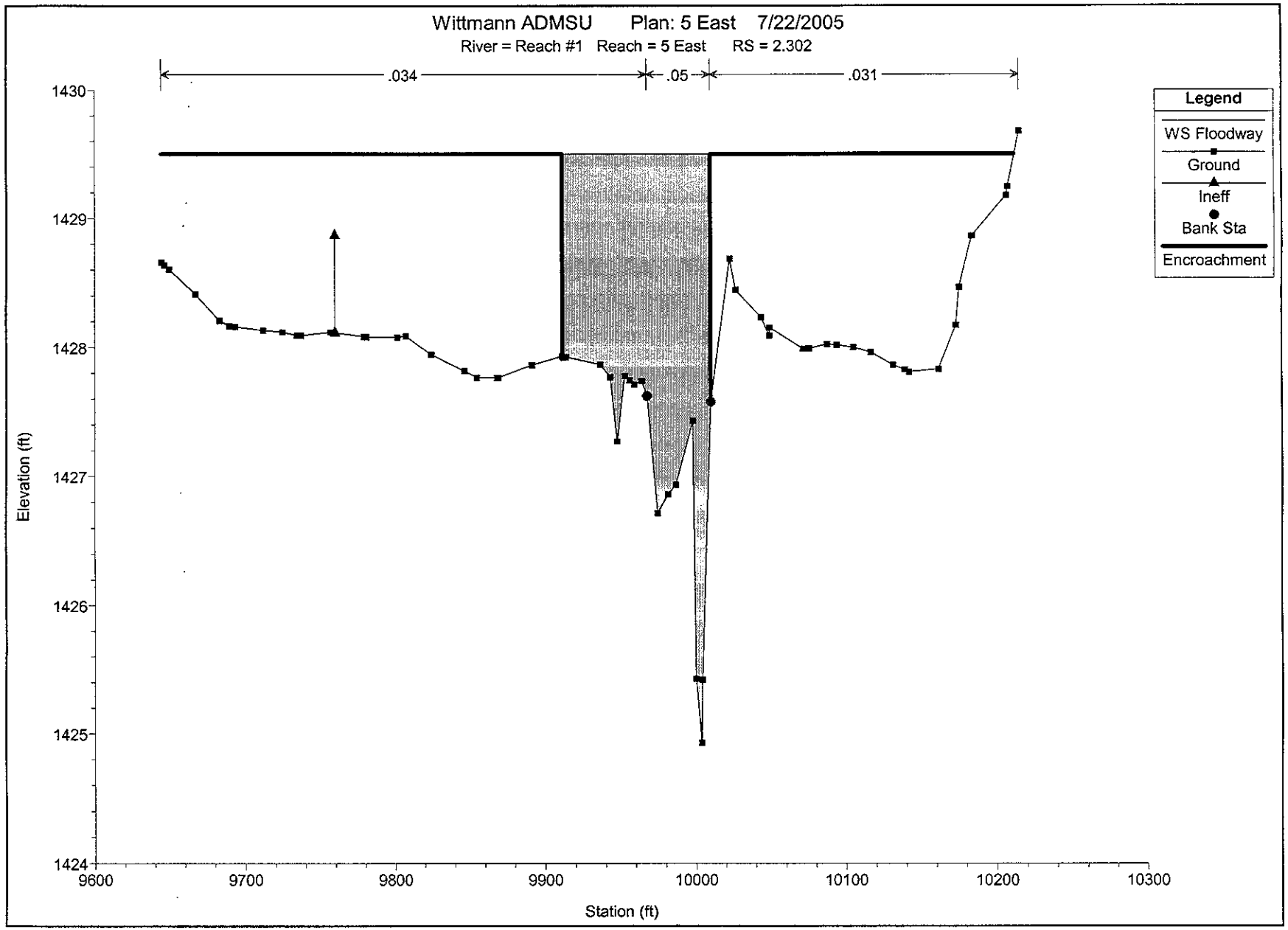

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.61
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1445
1444
1443
1442
1441
1440
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

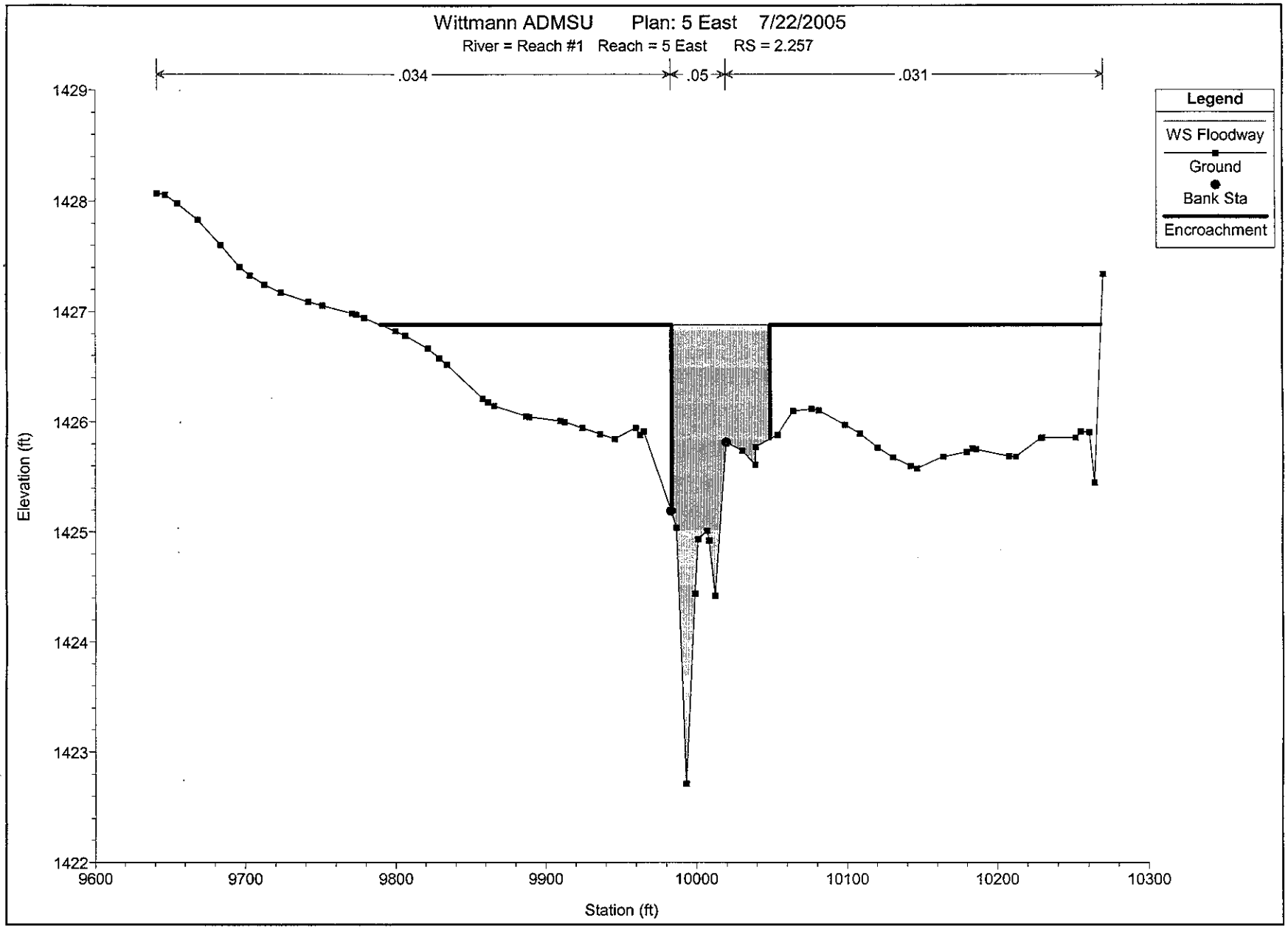

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.555
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1442
1441
1440
1439
1438
1437
1436
9900
10000
10100
10200
10300
10400
Station (ft)

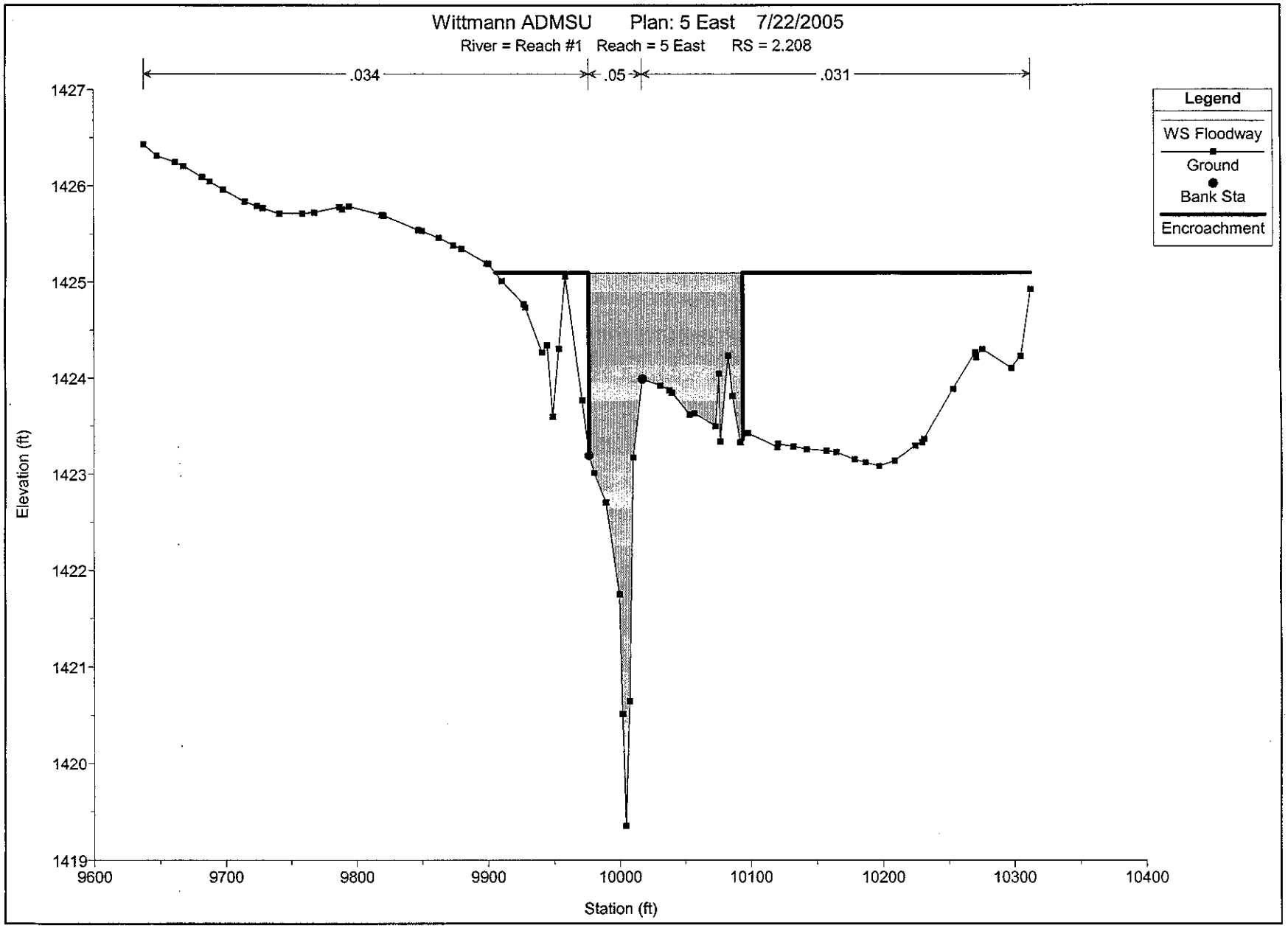

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.489
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1439
1438
1437
1436
1435
1434
1433
1432
9700
9800
9900
10000
10100
10200
10300
Station (ft)

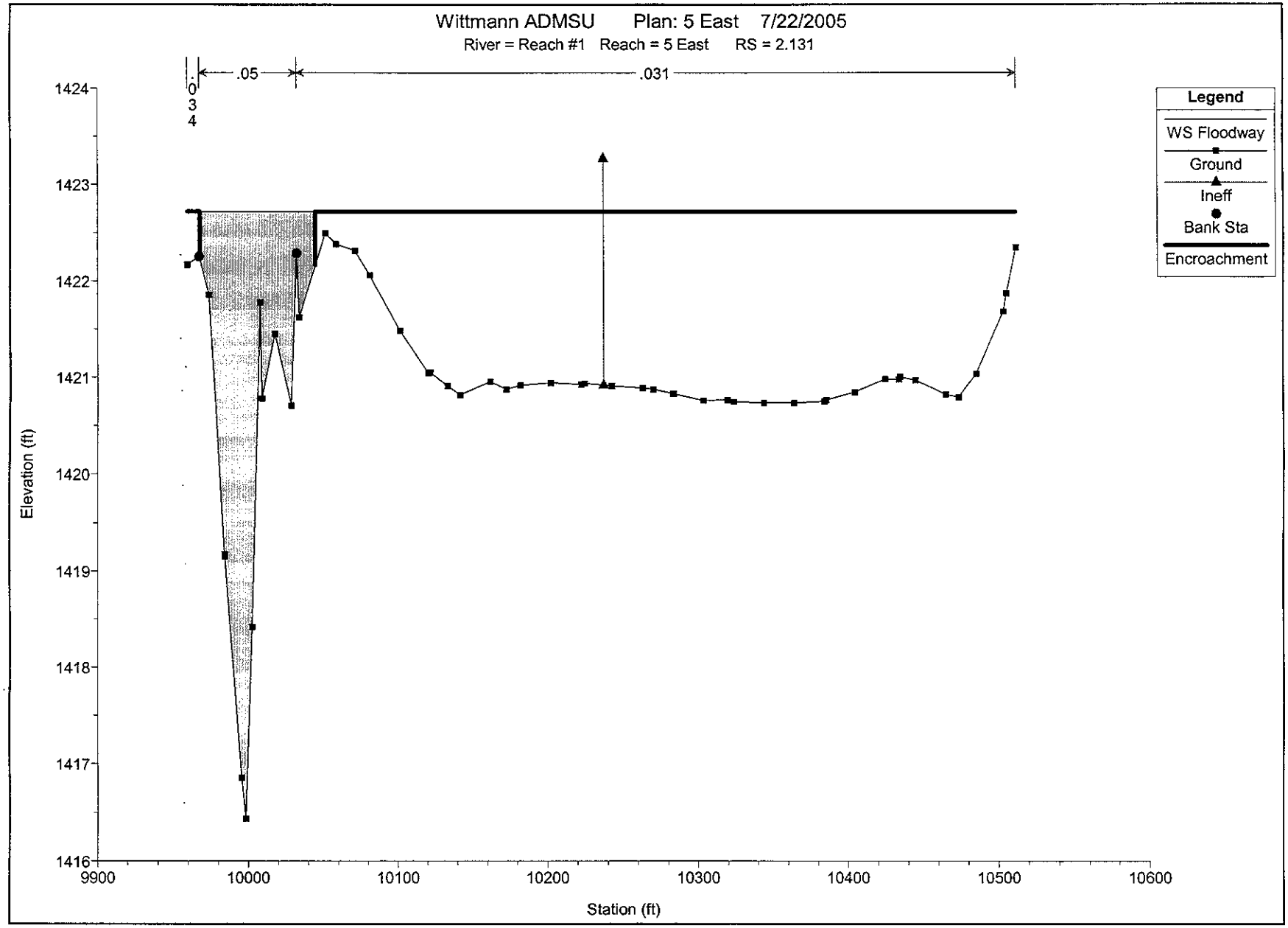

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.422
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1435
1434
1433
1432
1431
1430
1429
9700
9800
9900
10000
10100
10200
10300
Station (ft)

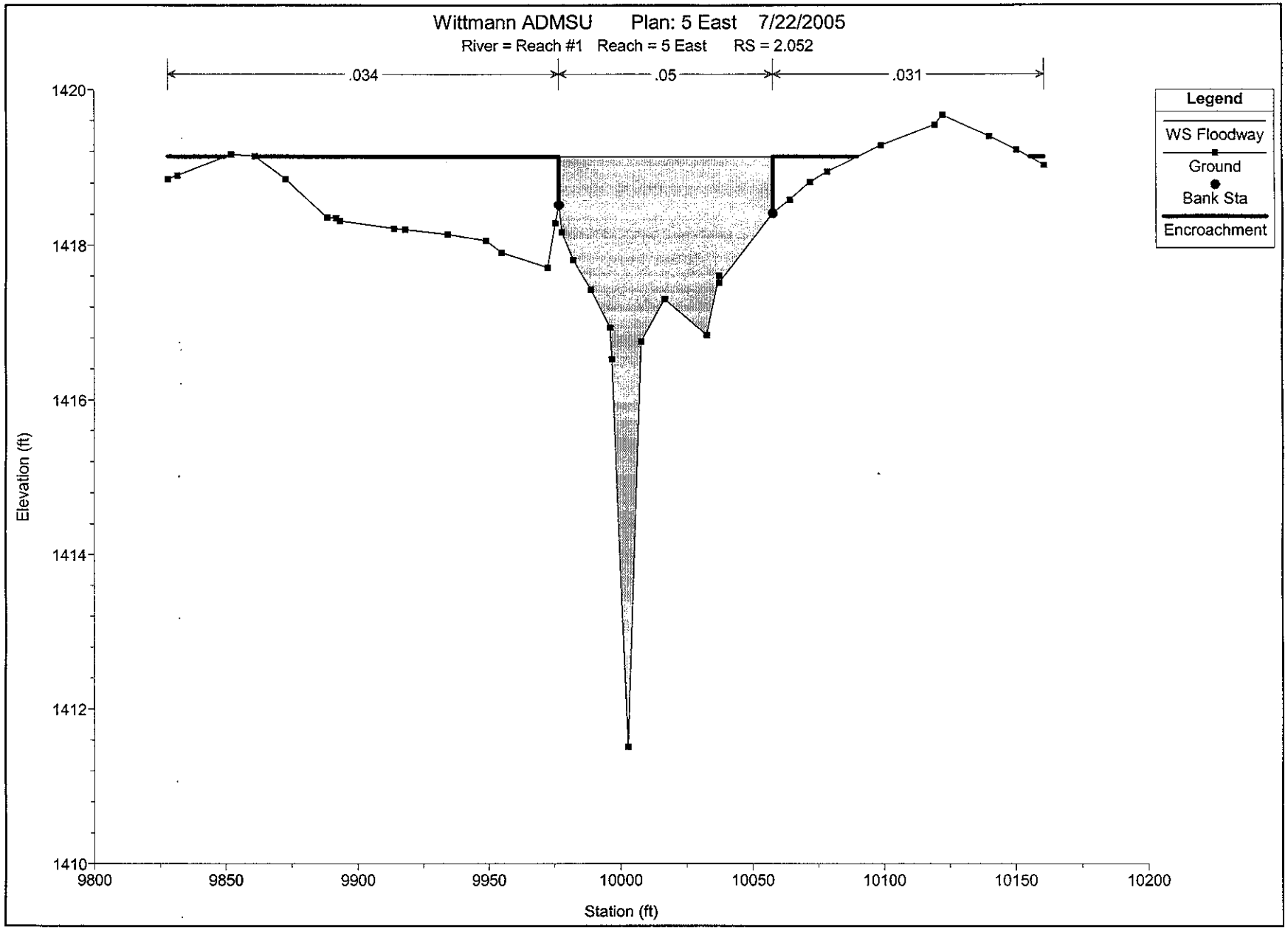

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.381
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1433
1432
1431
1430
1429
1428
9700
9800
9900
10000
10100
10200
10300
Station (ft)

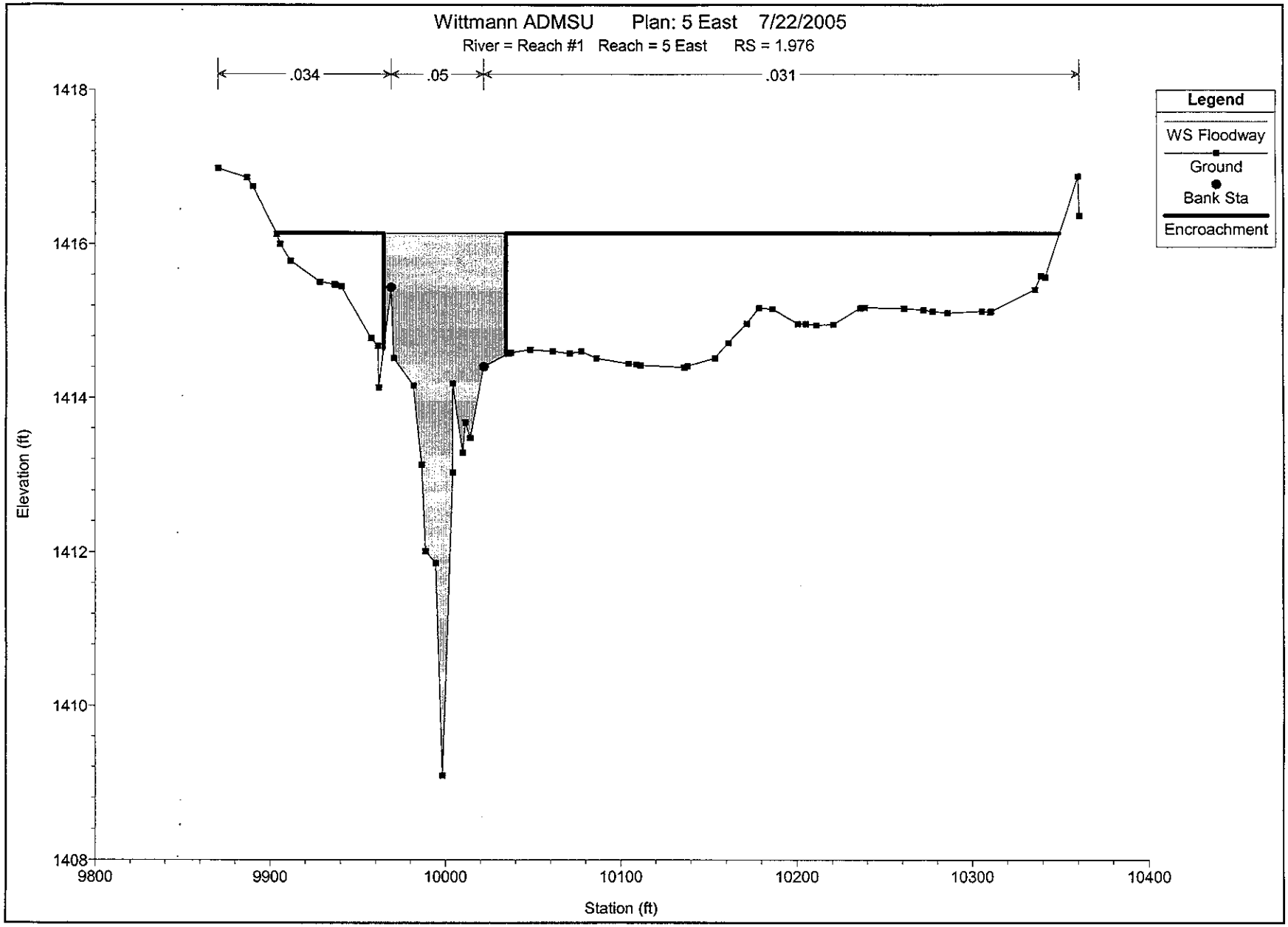

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.302
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1430
1429
1428
1427
1426
1425
1424
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

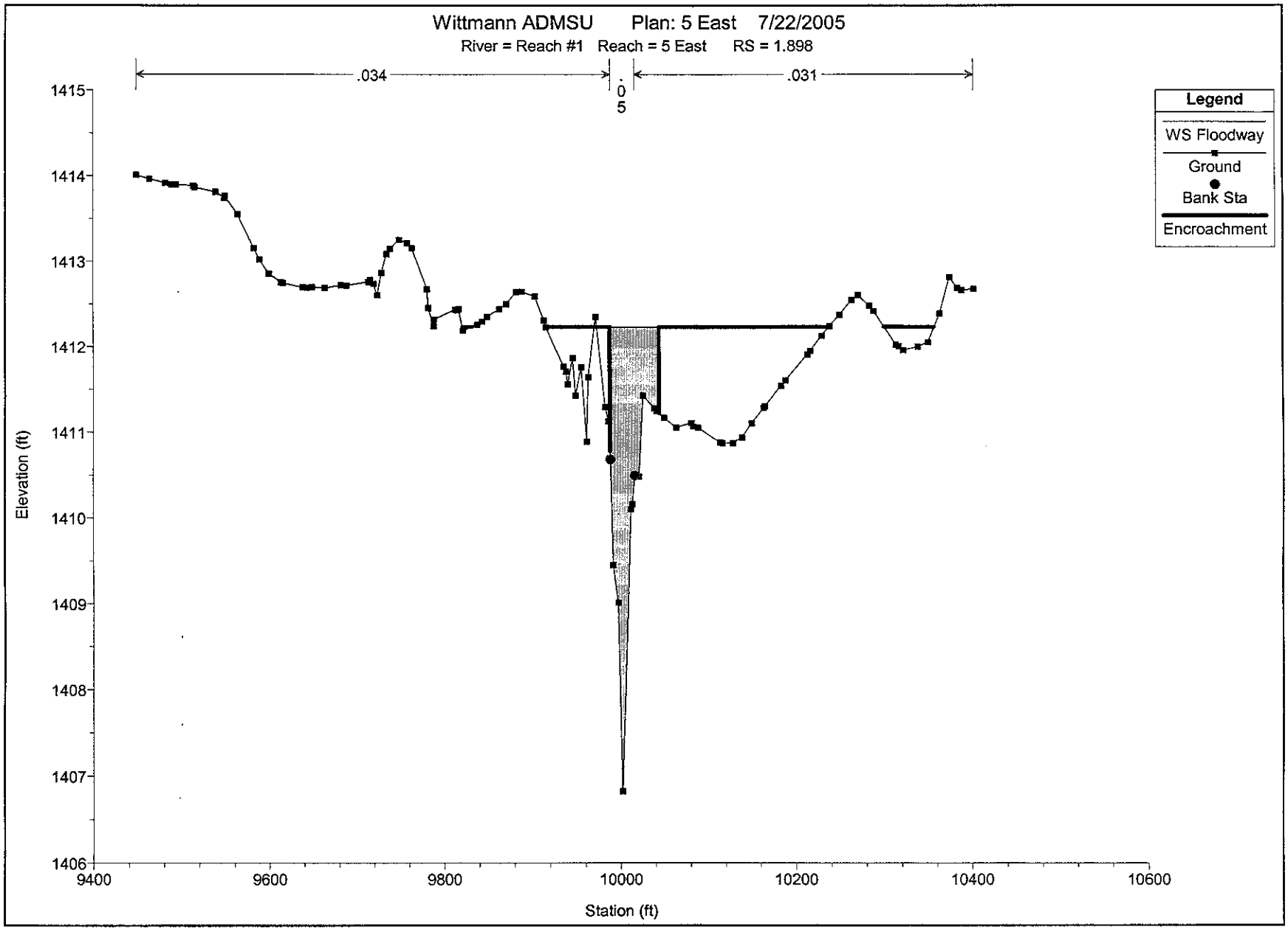

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.257
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1429
1428
1427
1426
1425
1424
1423
1422
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

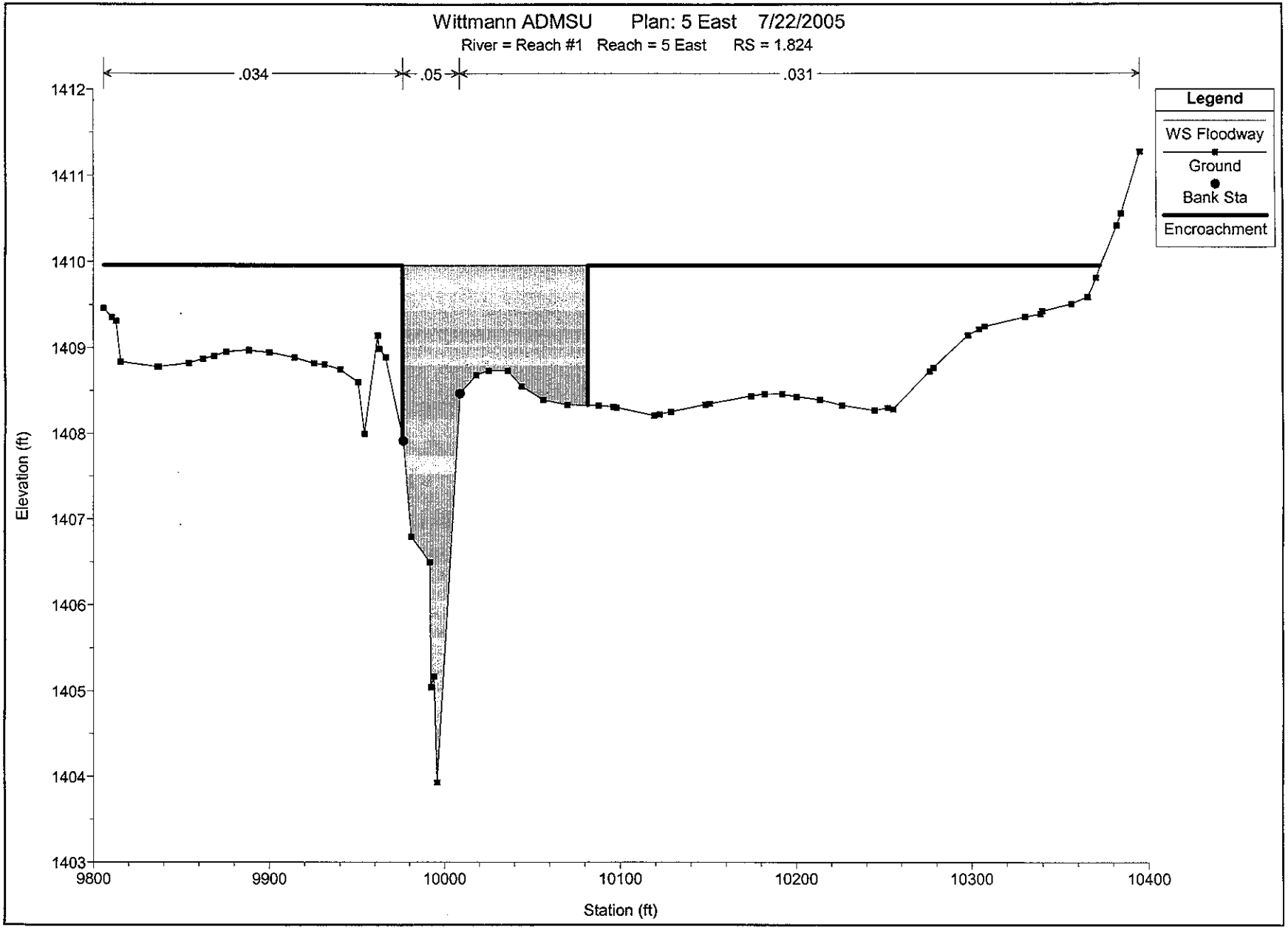

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.208
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1427
1426
1425
1424
1423
1422
1421
1420
1419
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

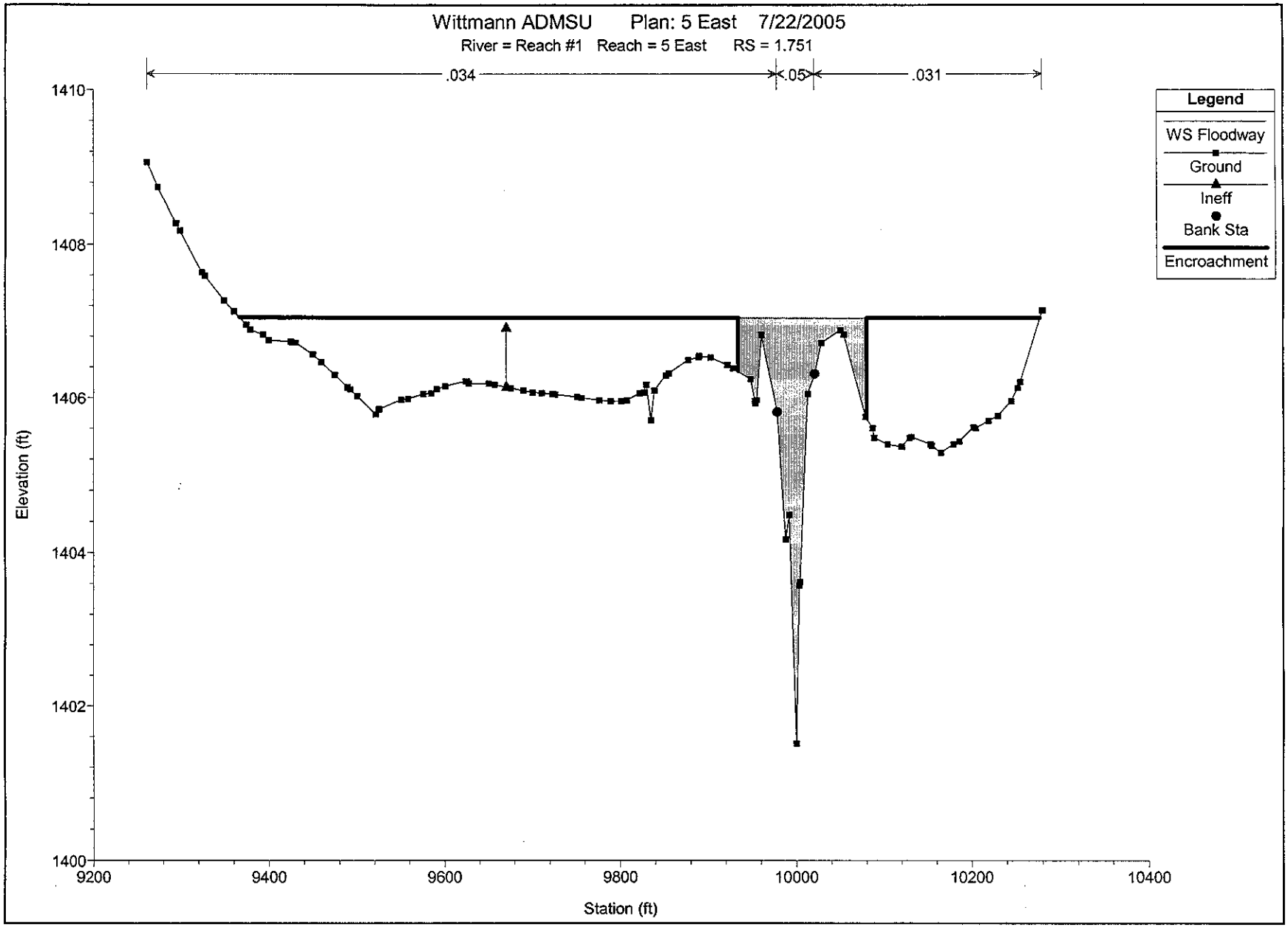

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.131
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1424
1423
1422
1421
1420
1419
1418
1417
1416
9900
10000
10100
10200
10300
10400
10500
10600
Station (ft)

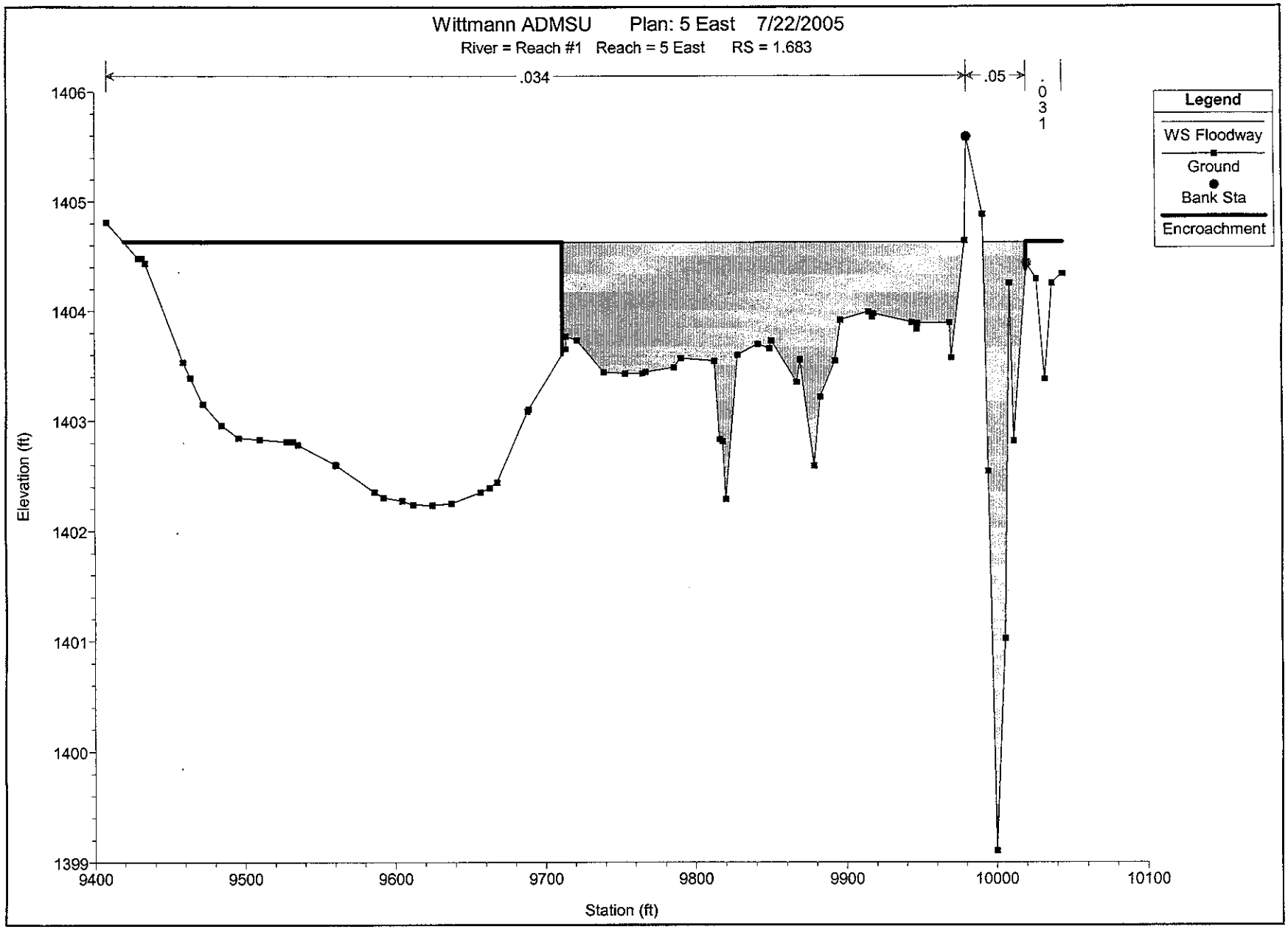

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 2.052
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1420
1418
1416
1414
1412
1410
9800
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

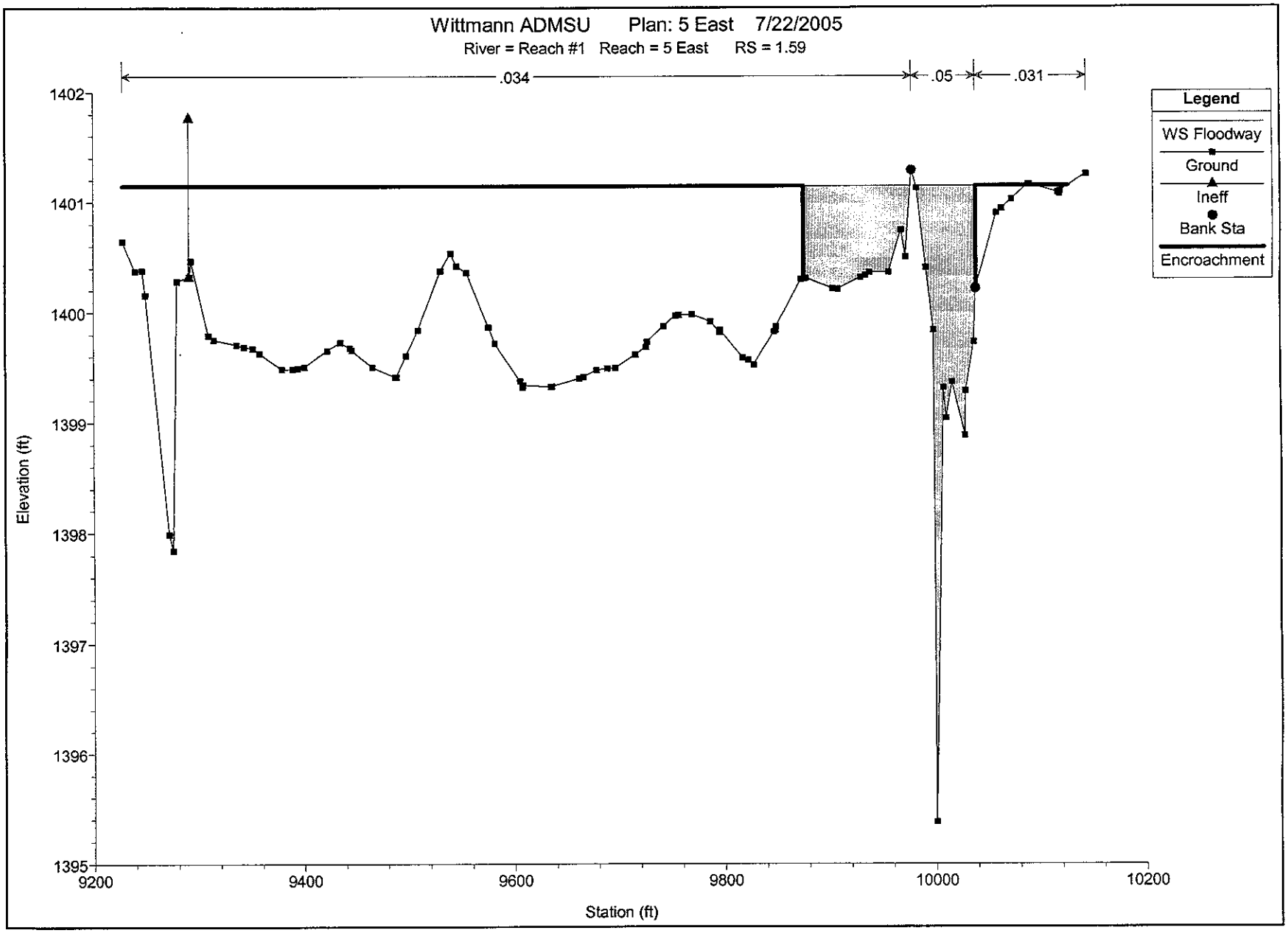

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.976
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1418
1416
1414
1412
1410
1408
9800
9900
10000
10100
10200
10300
10400
Station (ft)

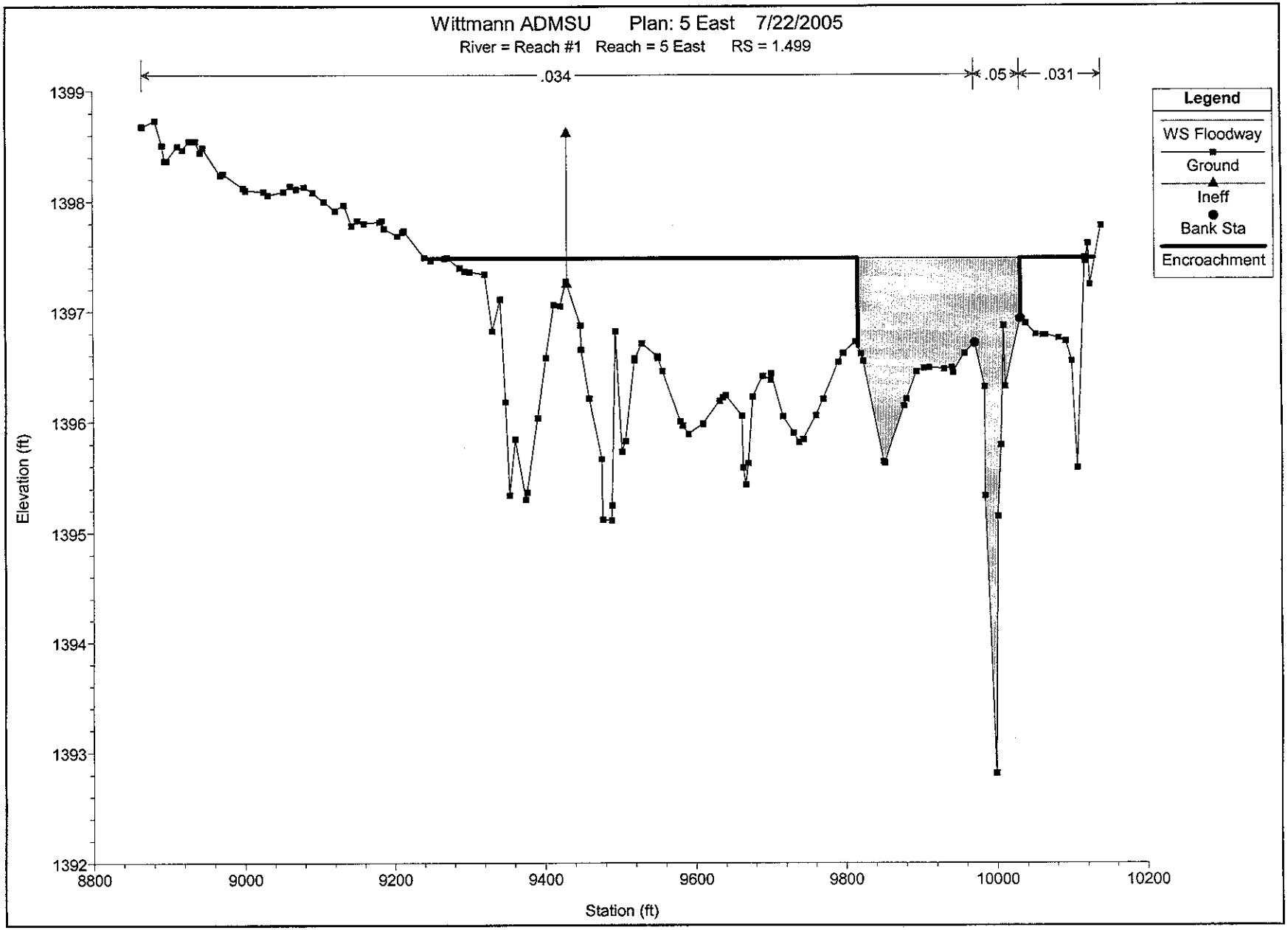

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.898
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1415
1414
1413
1412
1411
1410
1409
1408
1407
1406
9400
9600
9800
10000
10200
10400
10600
Station (ft)

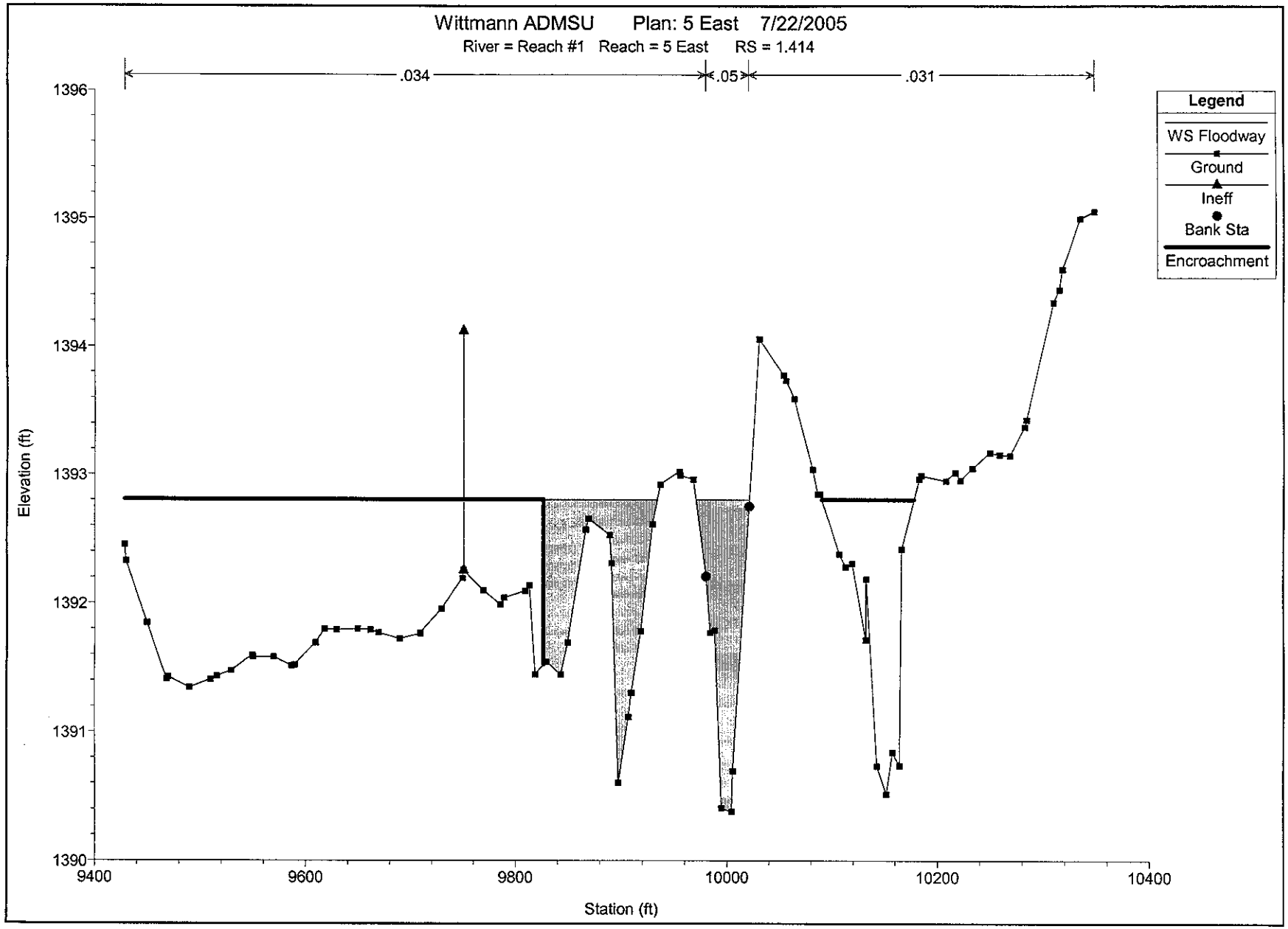

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.824
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1412
1411
1410
1409
1408
1407
1406
1405
1404
1403
9800
9900
10000
10100
10200
10300
10400
Station (ft)

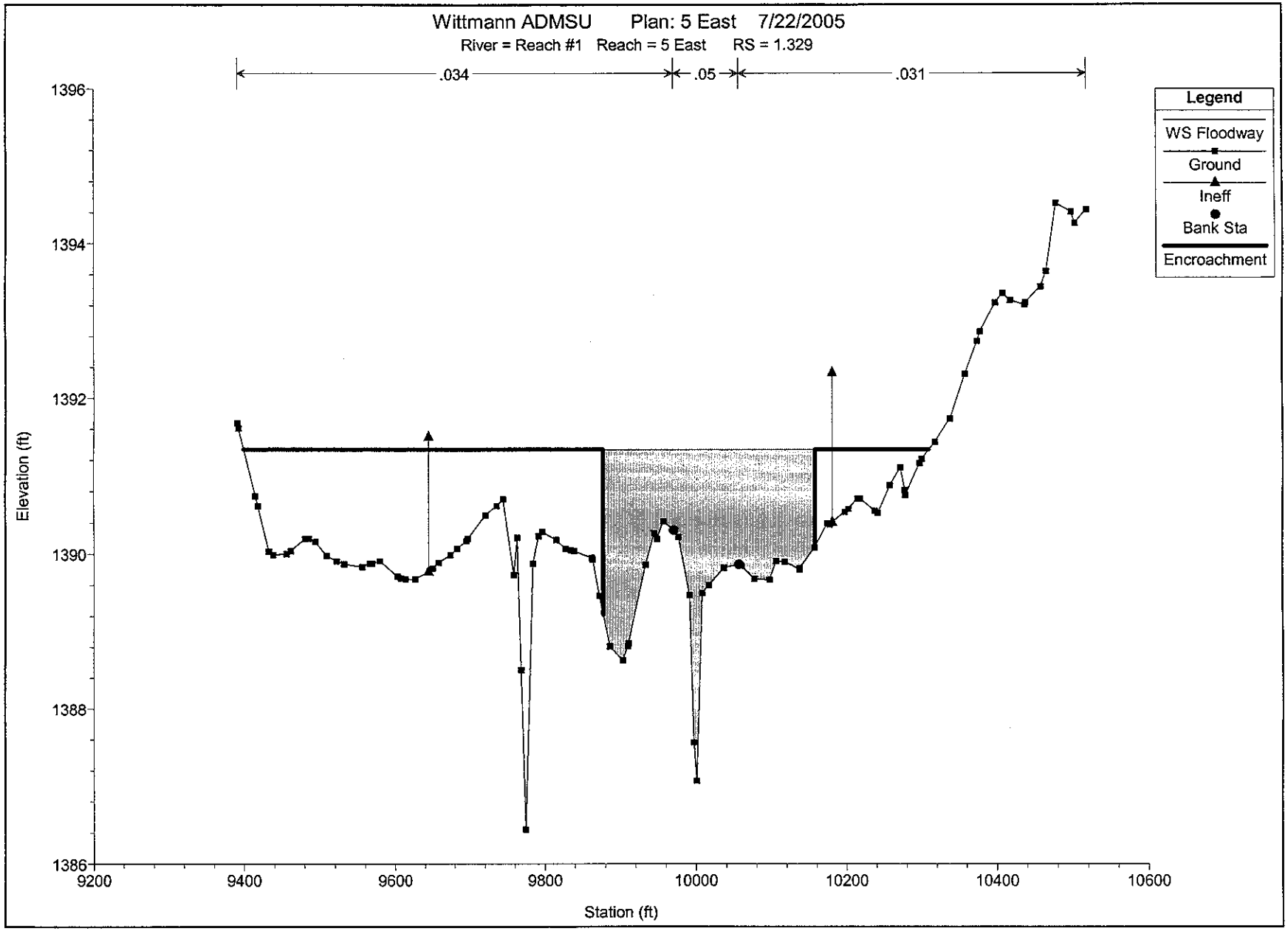

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.751
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1410
1408
1406
1404
1402
1400
9200
9400
9600
9800
10000
10200
10400
Station (ft)

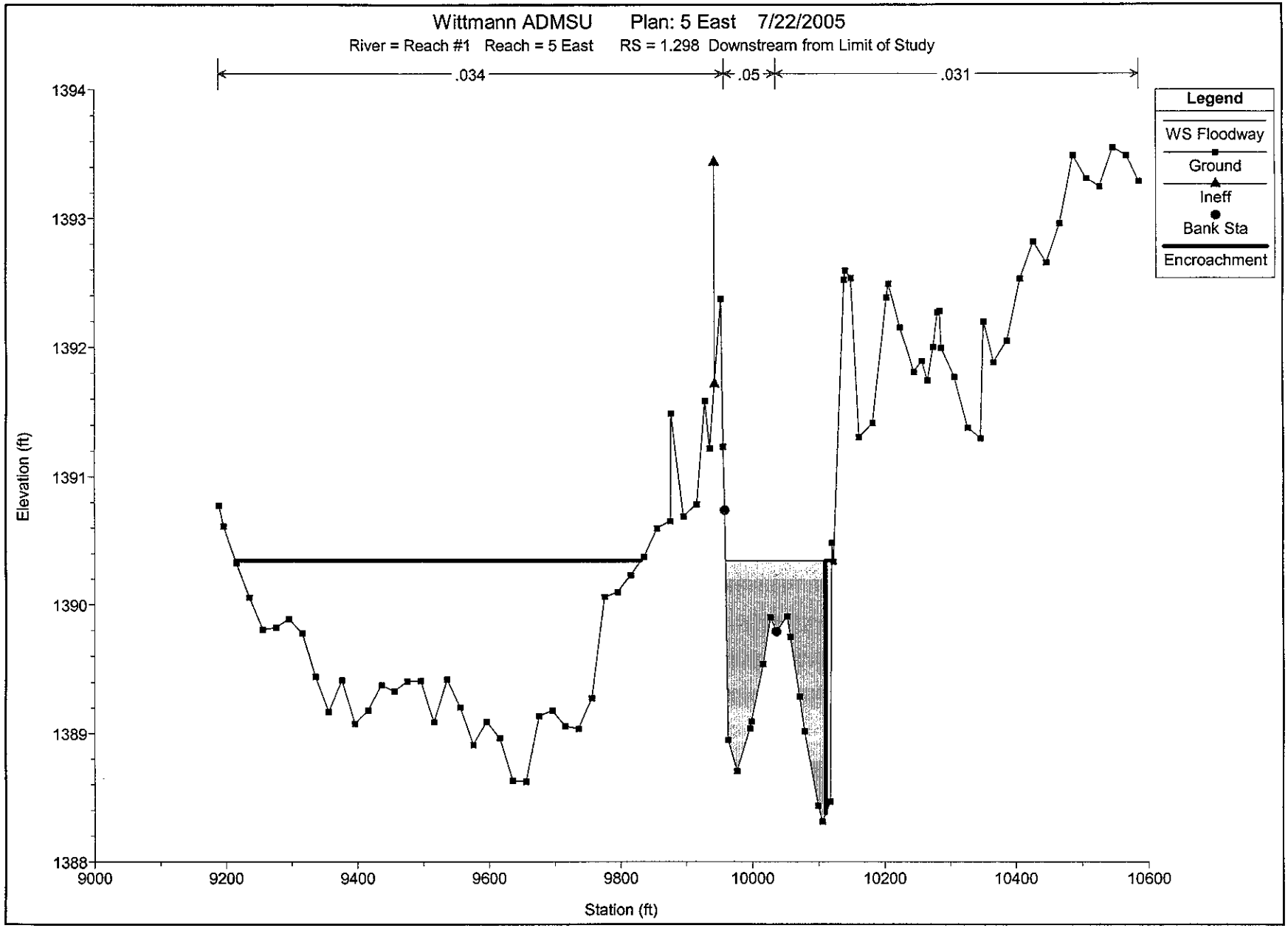

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.683
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1406
1405
1404
1403
1402
1401
1400
1399
9400
9500
9600
9700
9800
9900
10000
10100
Station (ft)

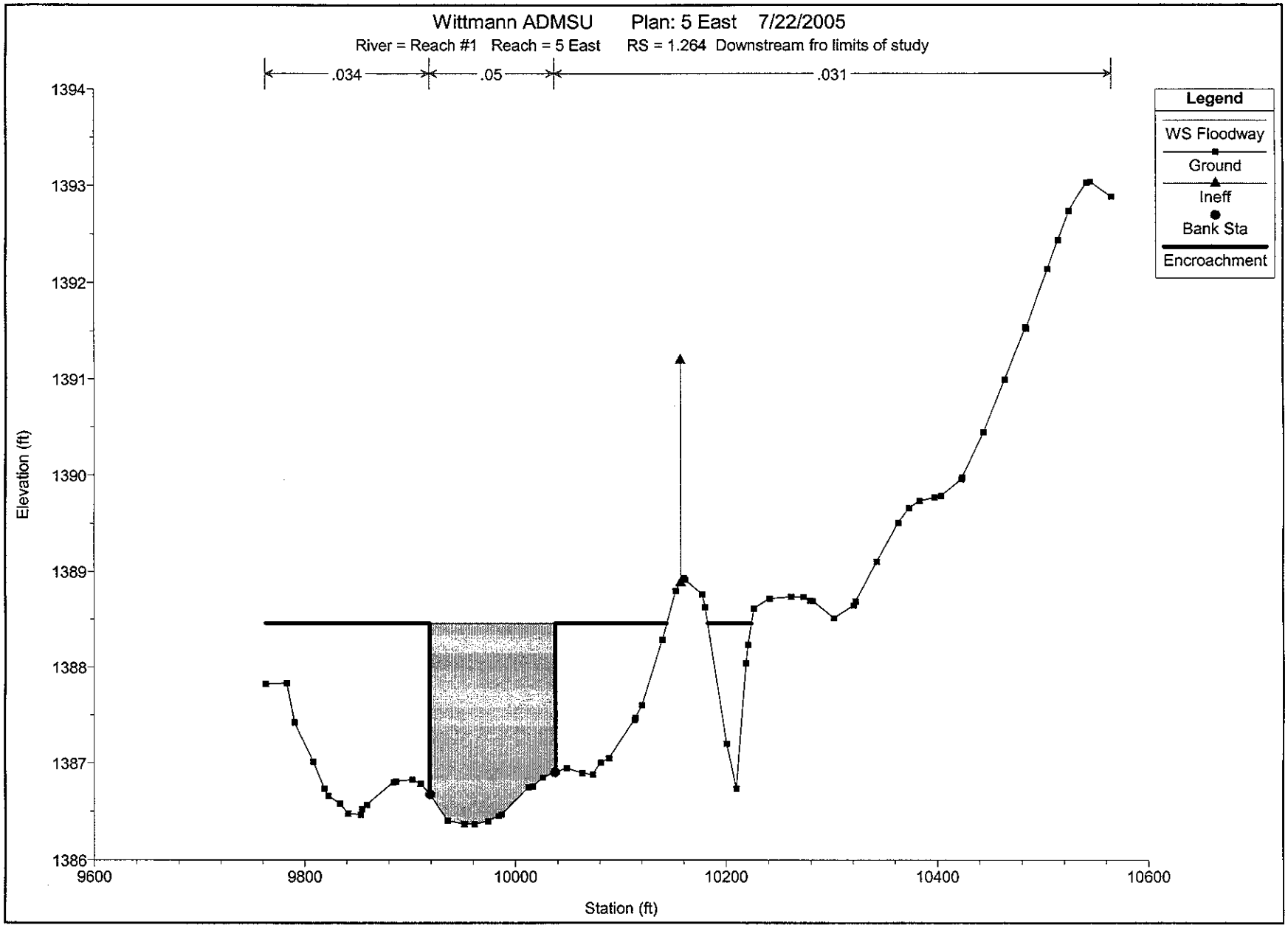

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.59
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1402
1401
1400
1399
1398
1397
1396
1395
9200
9400
9600
9800
10000
10200
Station (ft)

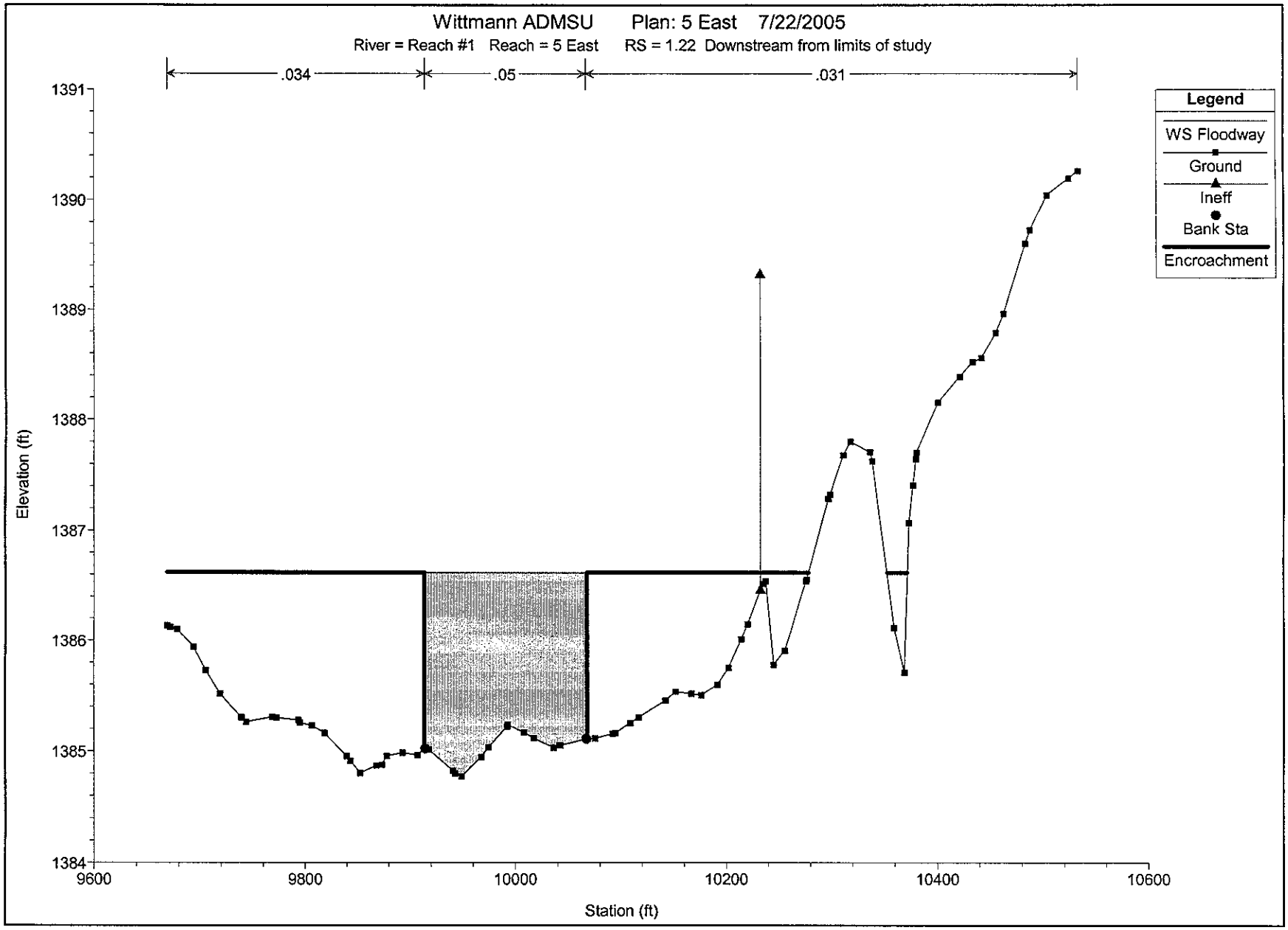

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.499
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1399
1398
1397
1396
1395
1394
1393
1392
8800
9000
9200
9400
9600
9800
10000
10200
Station (ft)

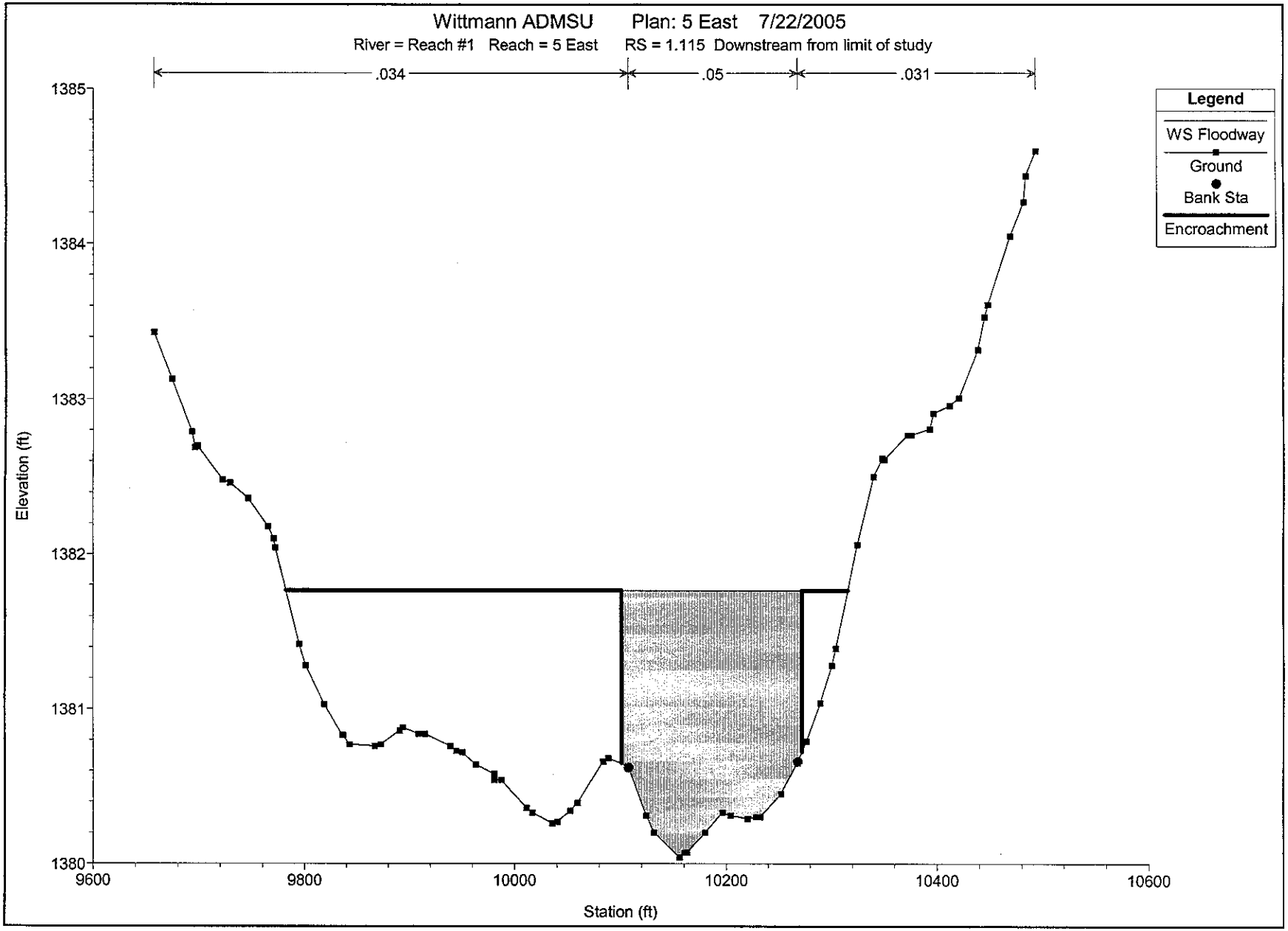

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.414
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1396
1395
1394
1393
1392
1391
1390
9400
9600
9800
10000
10200
10400
Station (ft)


Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.329
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1396
1394
1392
1390
1388
1386
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

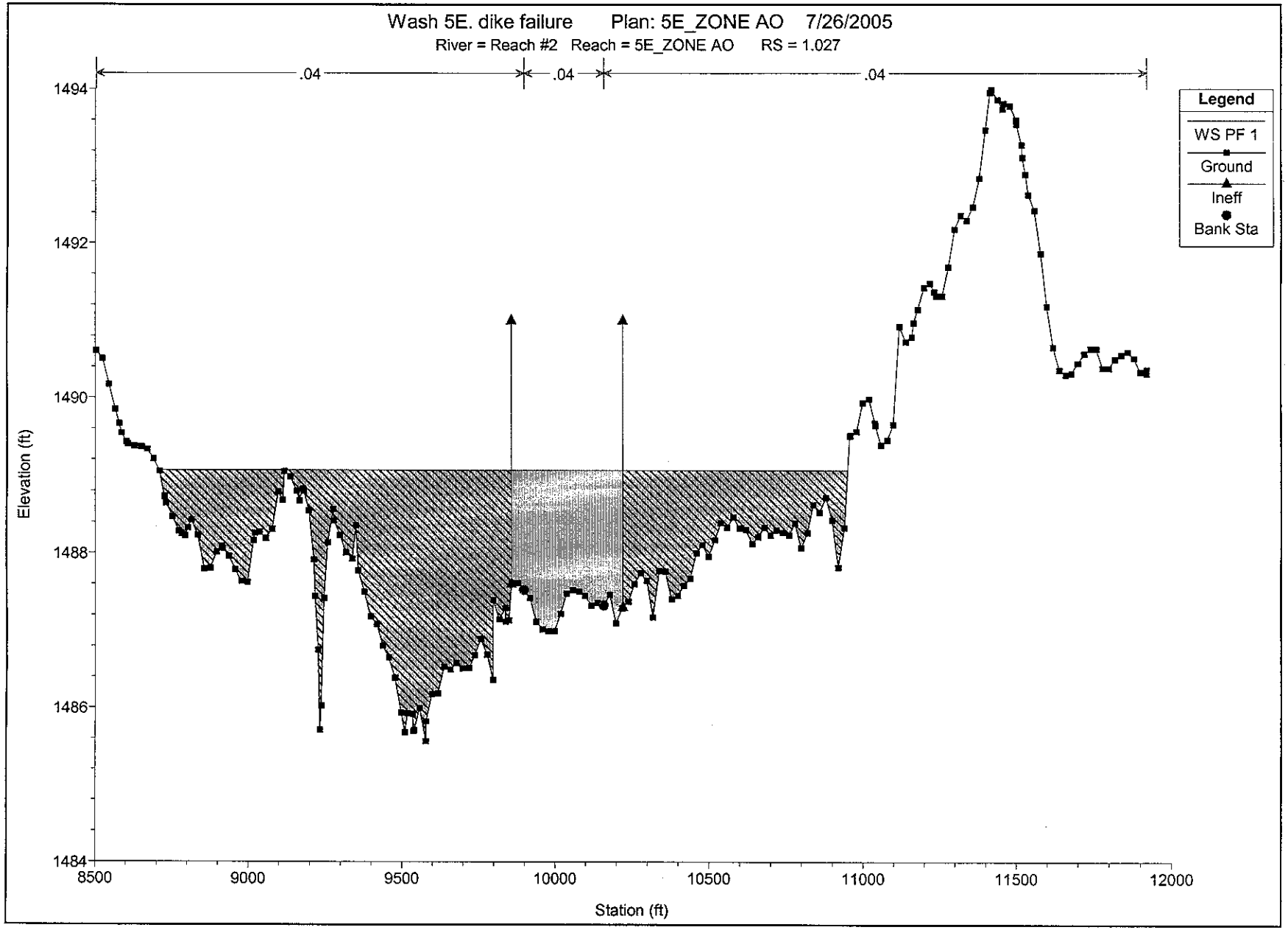

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.298 Downstream from Limit of Study
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1394
1393
1392
1391
1390
1389
1388
9000
9200
9400
9600
9800
10000
10200
10400
10600
Station (ft)

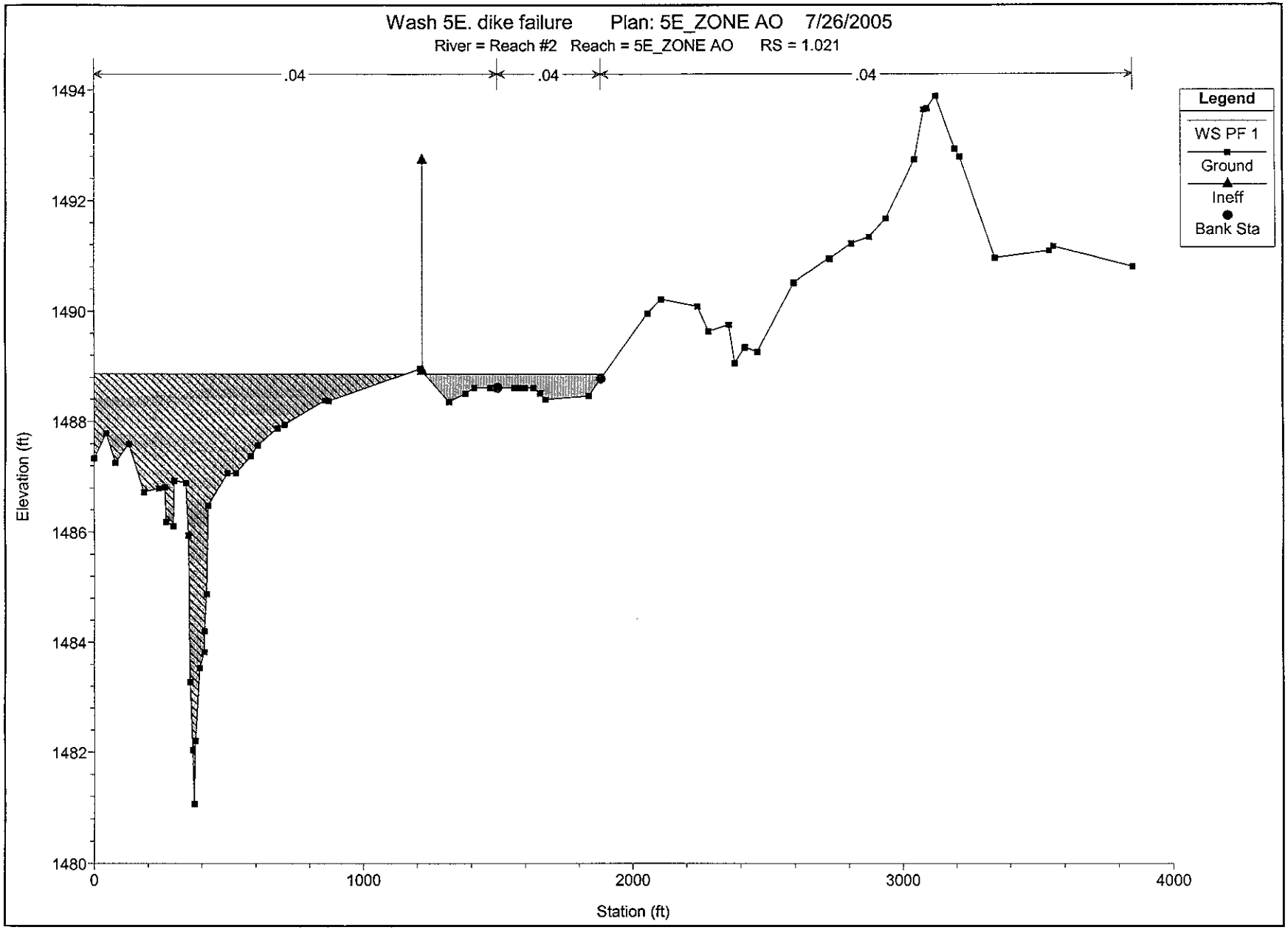

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.264 Downstream fro limits of study
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1394
1393
1392
1391
1390
1389
1388
1387
1386
9600
9800
10000
10200
10400
10600
Station (ft)

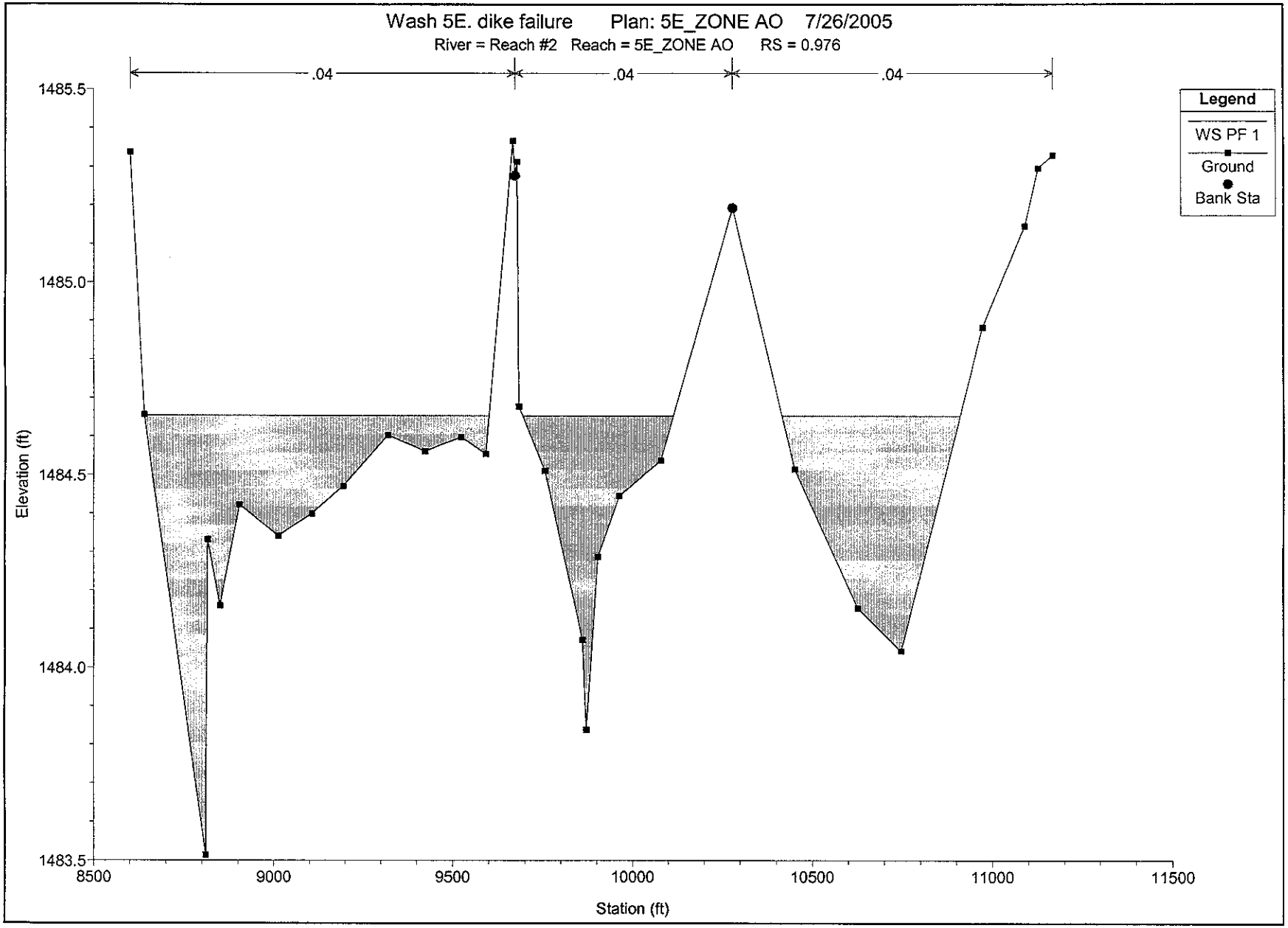

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.22 Downstream from limits of study
.034
.05
.031
Legend
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1391
1390
1389
1388
1387
1386
1385
1384
9600
9800
10000
10200
10400
10600
Station (ft)

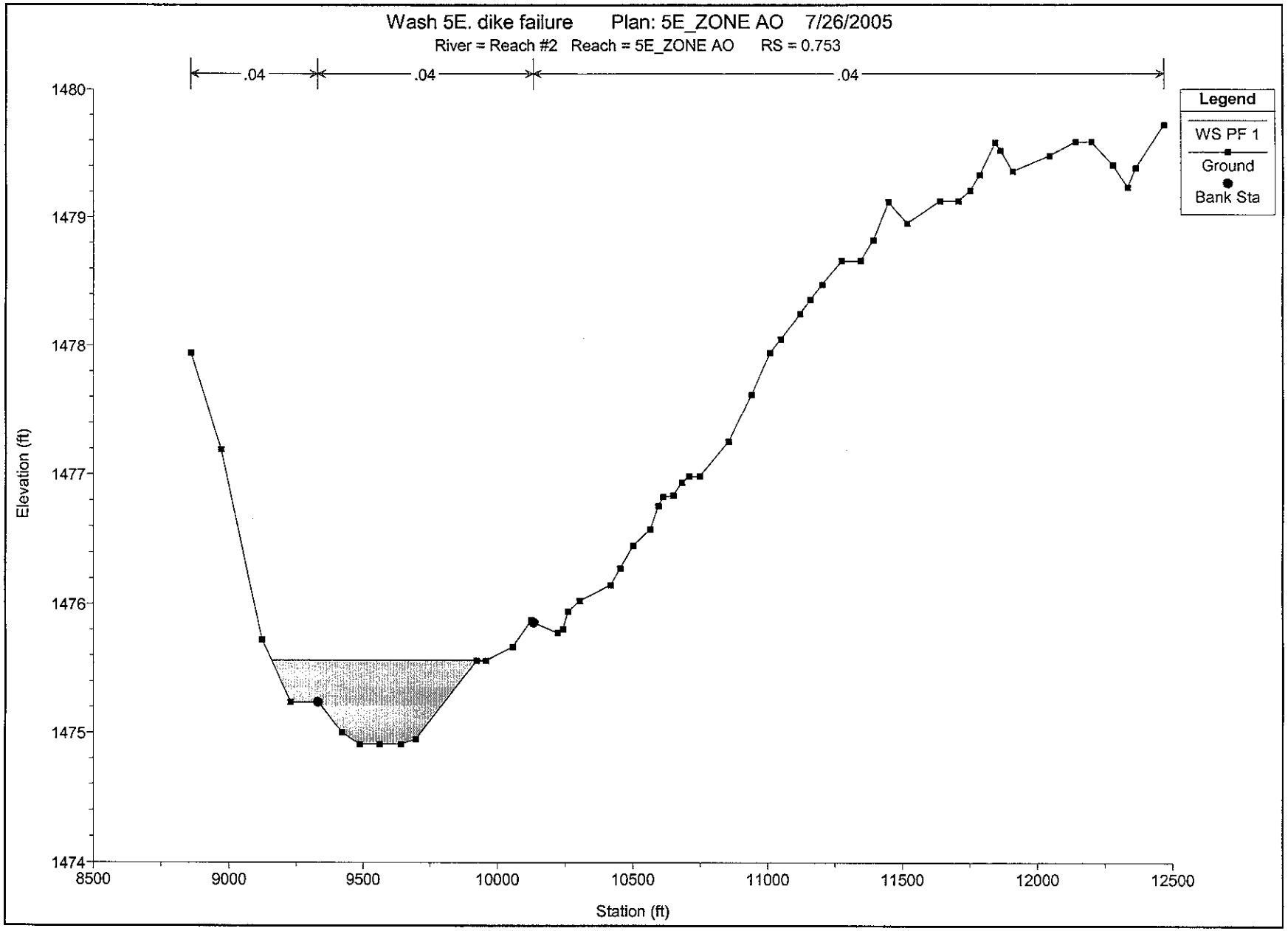

Wittmann ADMSU Plan: 5 East 7/22/2005
River = Reach #1 Reach = 5 East RS = 1.115 Downstream from limit of study
.034
.05
.031
Legend
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1385
1384
1383
1382
1381
1380
9600
9800
10000
10200
10400
10600
Station (ft)

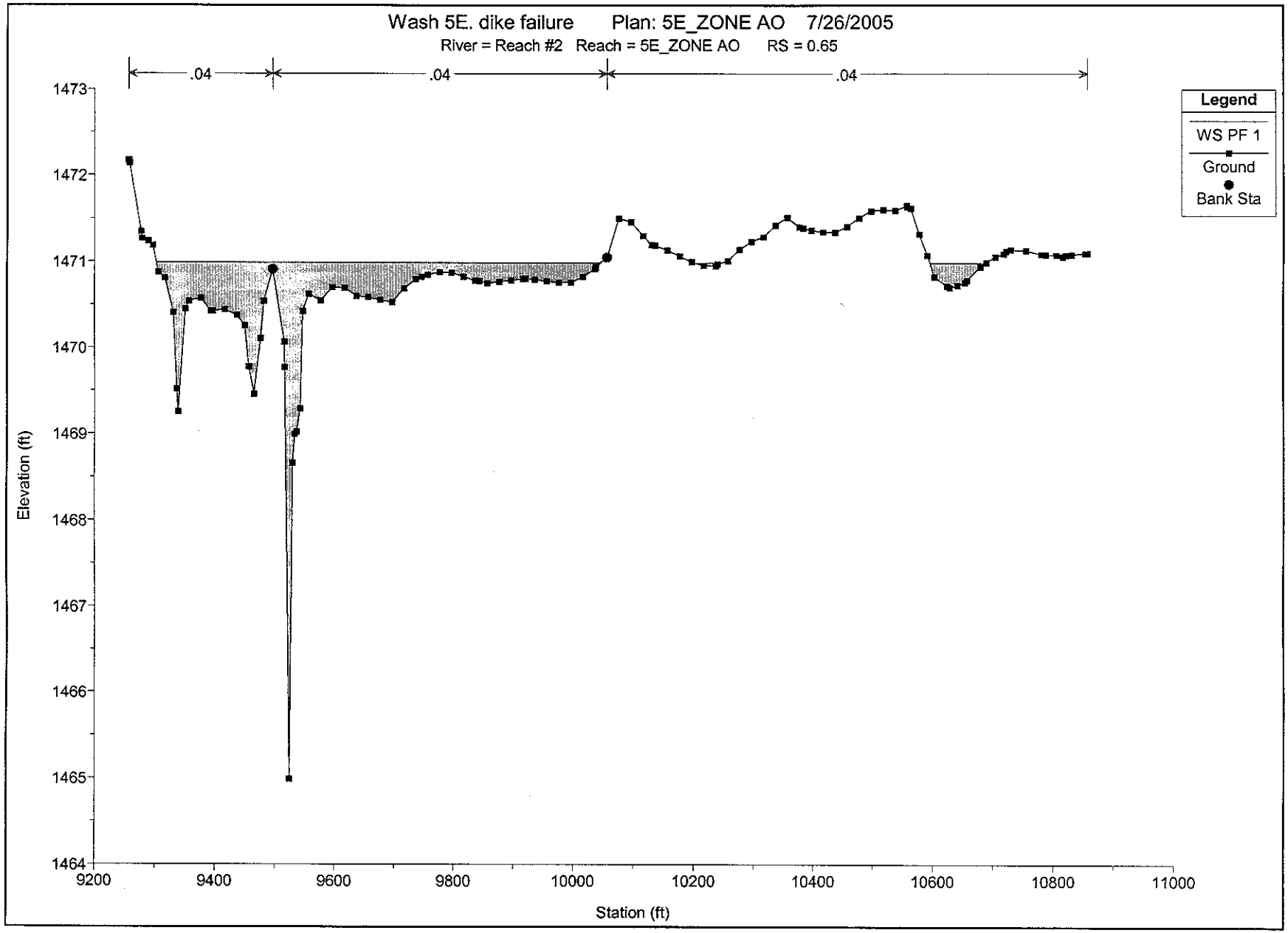
5 EAST (ZONE AO)

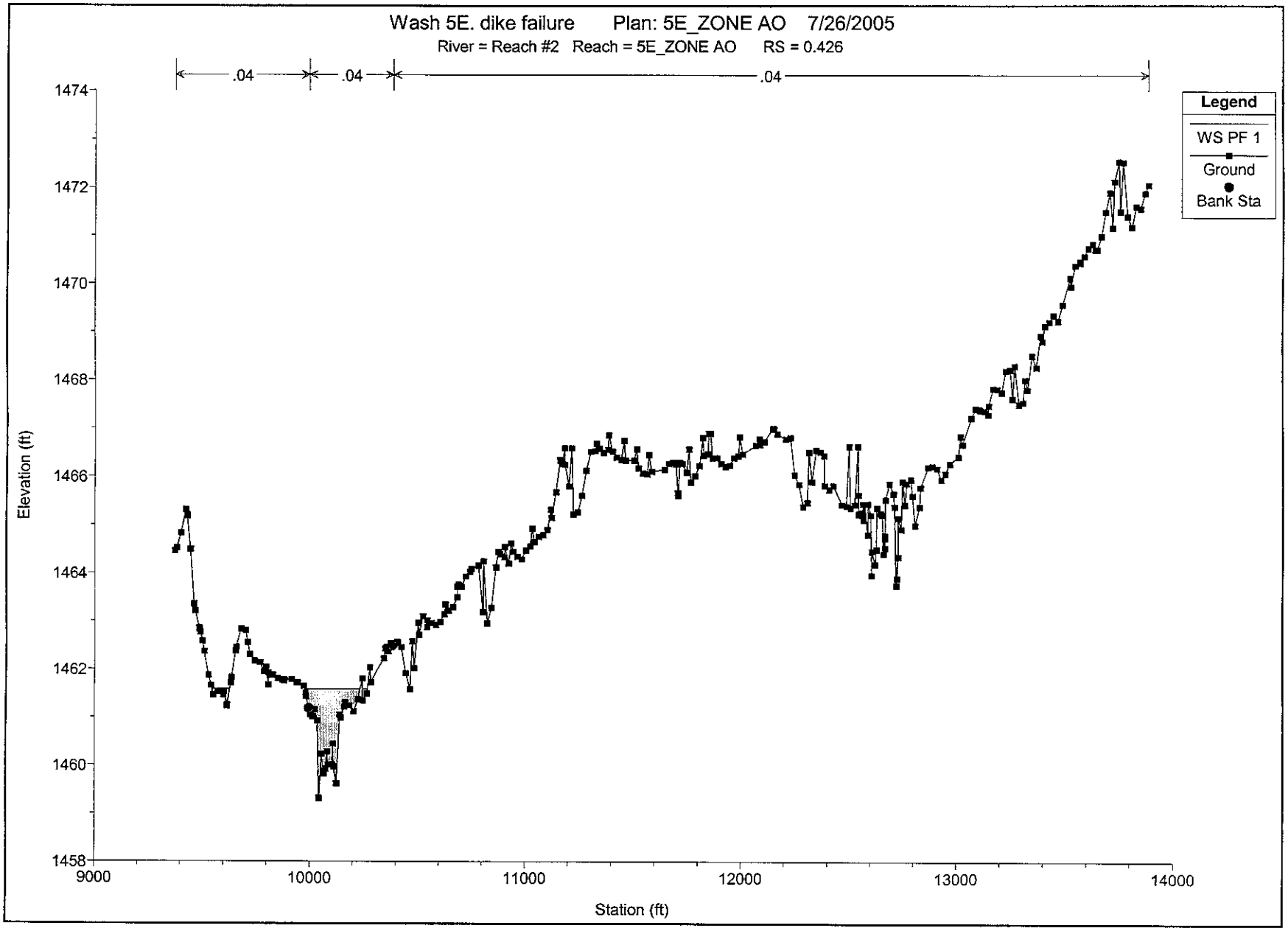

Wash 5E. dike failure Plan: 5E_ZONE AO 7/26/2005
River = Reach #2 Reach = 5E_ZONE AO RS = 1.027
.04
.04
.04
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (ft)
1494
1492
1490
1488
1486
1484
8500
9000
9500
10000
10500
11000
11500
12000
Station (ft)

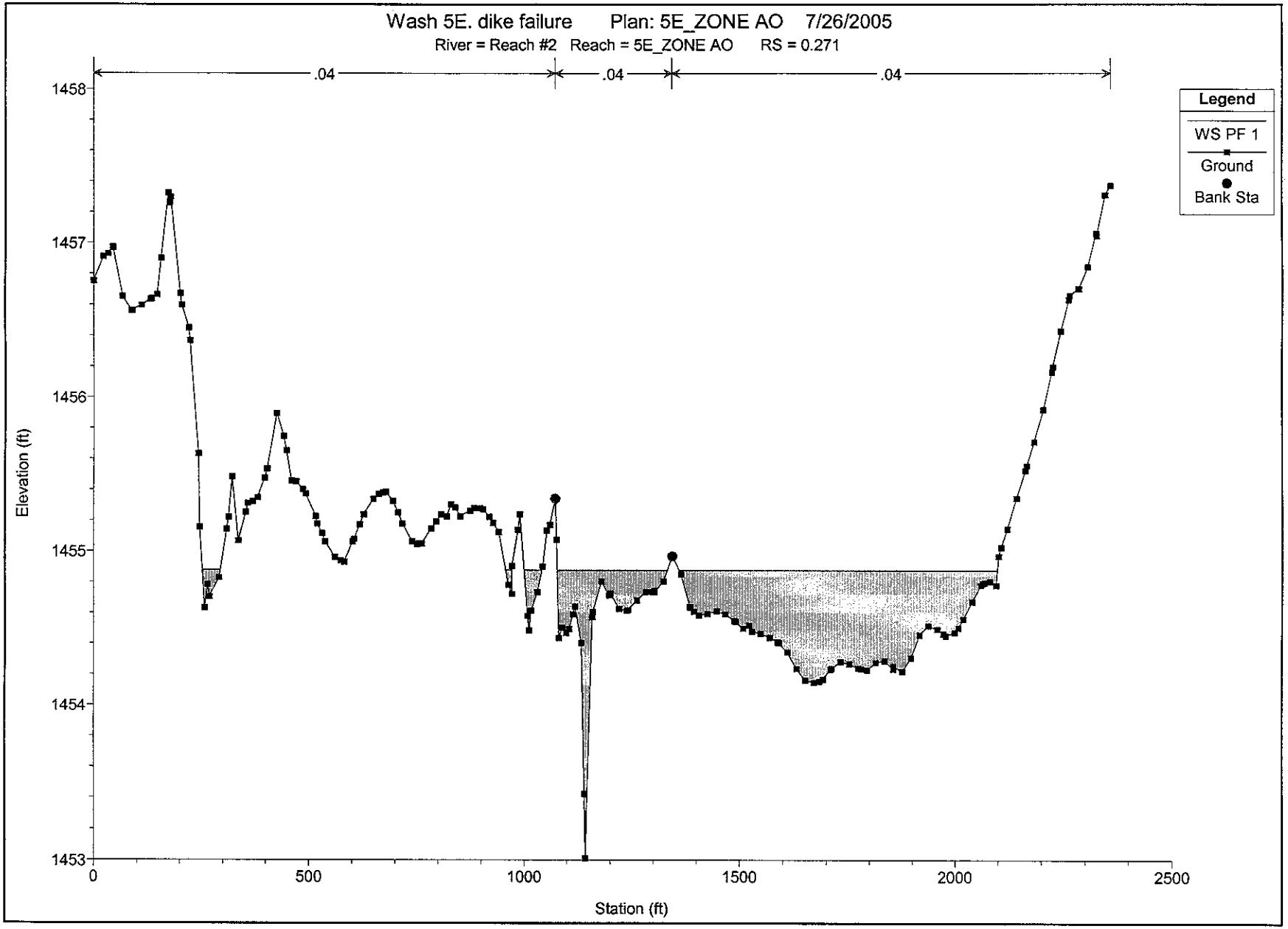

Wash 5E. dike failure Plan: 5E_ZONE AO 7/26/2005
River = Reach #2 Reach = 5E_ZONE AO RS = 1.021
.04
.04
.04
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (ft)
1494
1492
1490
1488
1486
1484
1482
1480
0
1000
2000
3000
4000
Station (ft)

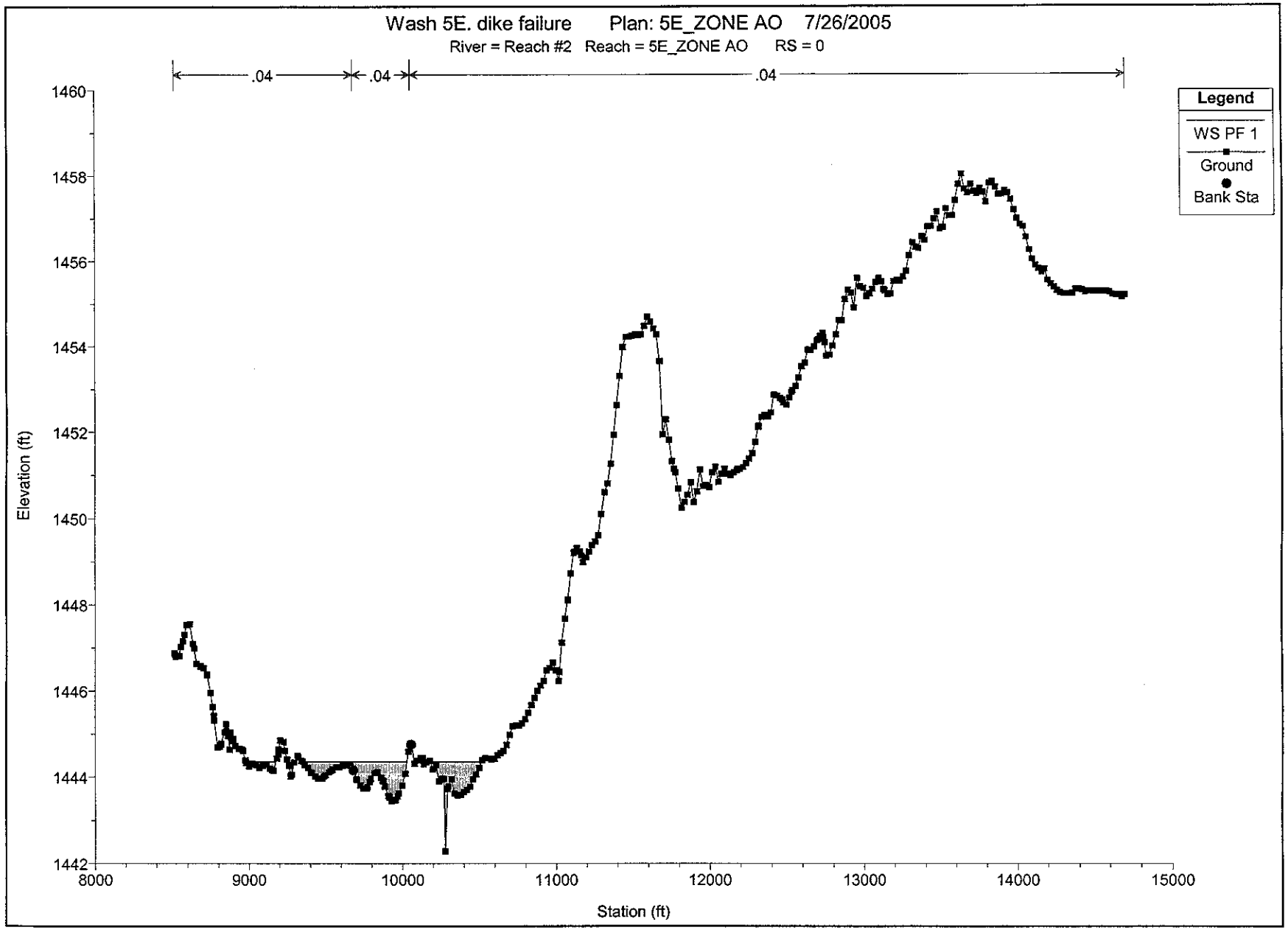

Wash 5E. dike failure Plan: 5E_ZONE AO 7/26/2005
River = Reach #2 Reach = 5E_ZONE AO RS = 0.976
.04
.04
.04
Legend
WS PF 1
Ground
Bank Sta
Elevation (ft)
1485.5
1485.0
1484.5
1484.0
1483.5
8500
9000
9500
10000
10500
11000
11500
Station (ft)


Wash 5E. dike failure Plan: 5E_ZONE AO 7/26/2005
River = Reach #2 Reach = 5E_ZONE AO RS = 0.753
.04
.04
.04
Legend
WS PF 1
Ground
Bank Sta
Elevation (ft)
1480
1479
1478
1477
1476
1475
1474
8500
9000
9500
10000
10500
11000
11500
12000
12500
Station (ft)

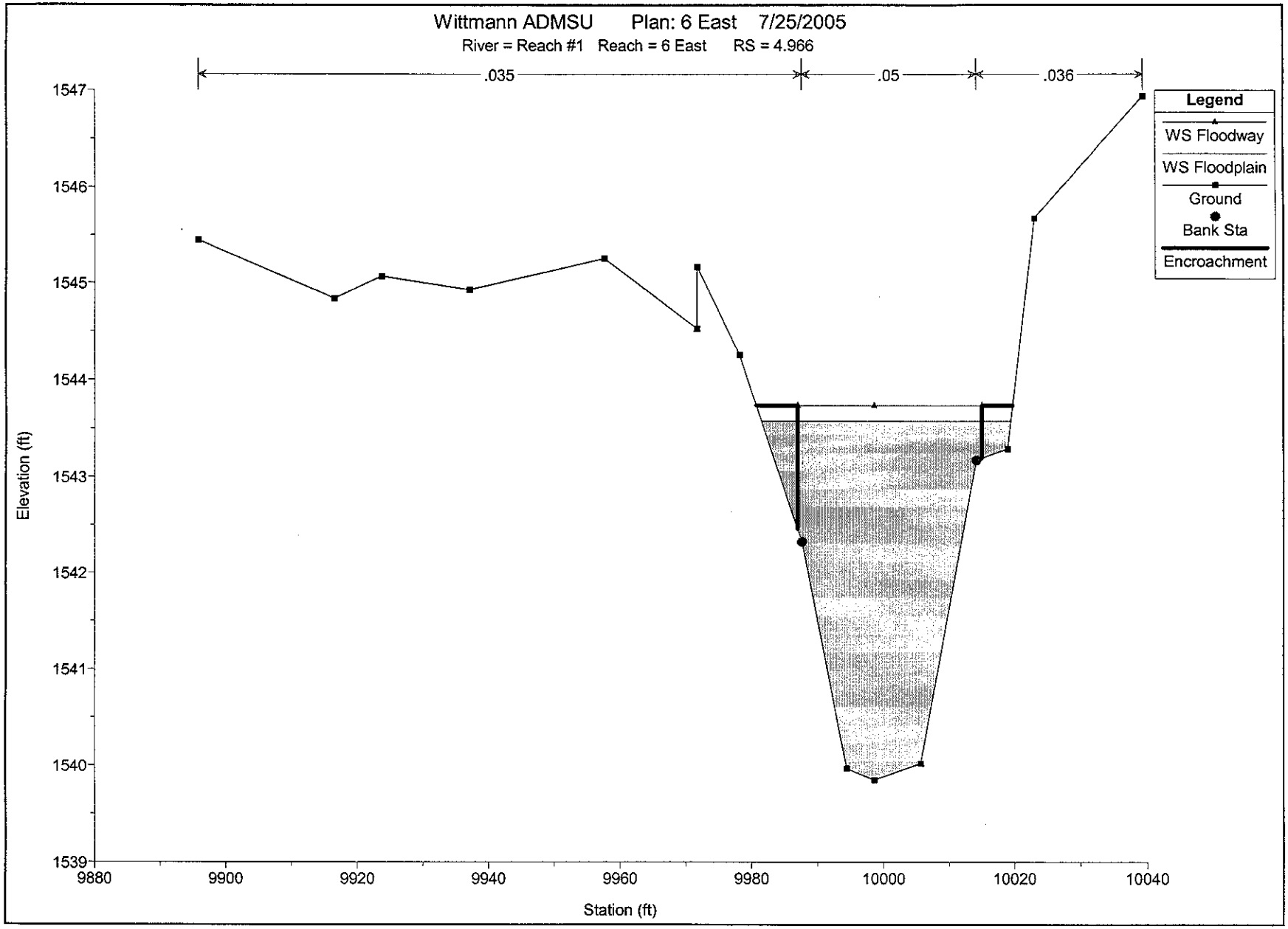

Wash 5E. dike failure Plan: 5E_ZONE AO 7/26/2005
River = Reach #2 Reach = 5E_ZONE AO RS = 0.65
.04
.04
.04
Legend
WS PF 1
Ground
Bank Sta
Elevation (ft)
1473
1472
1471
1470
1469
1468
1467
1466
1465
1464
9200
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

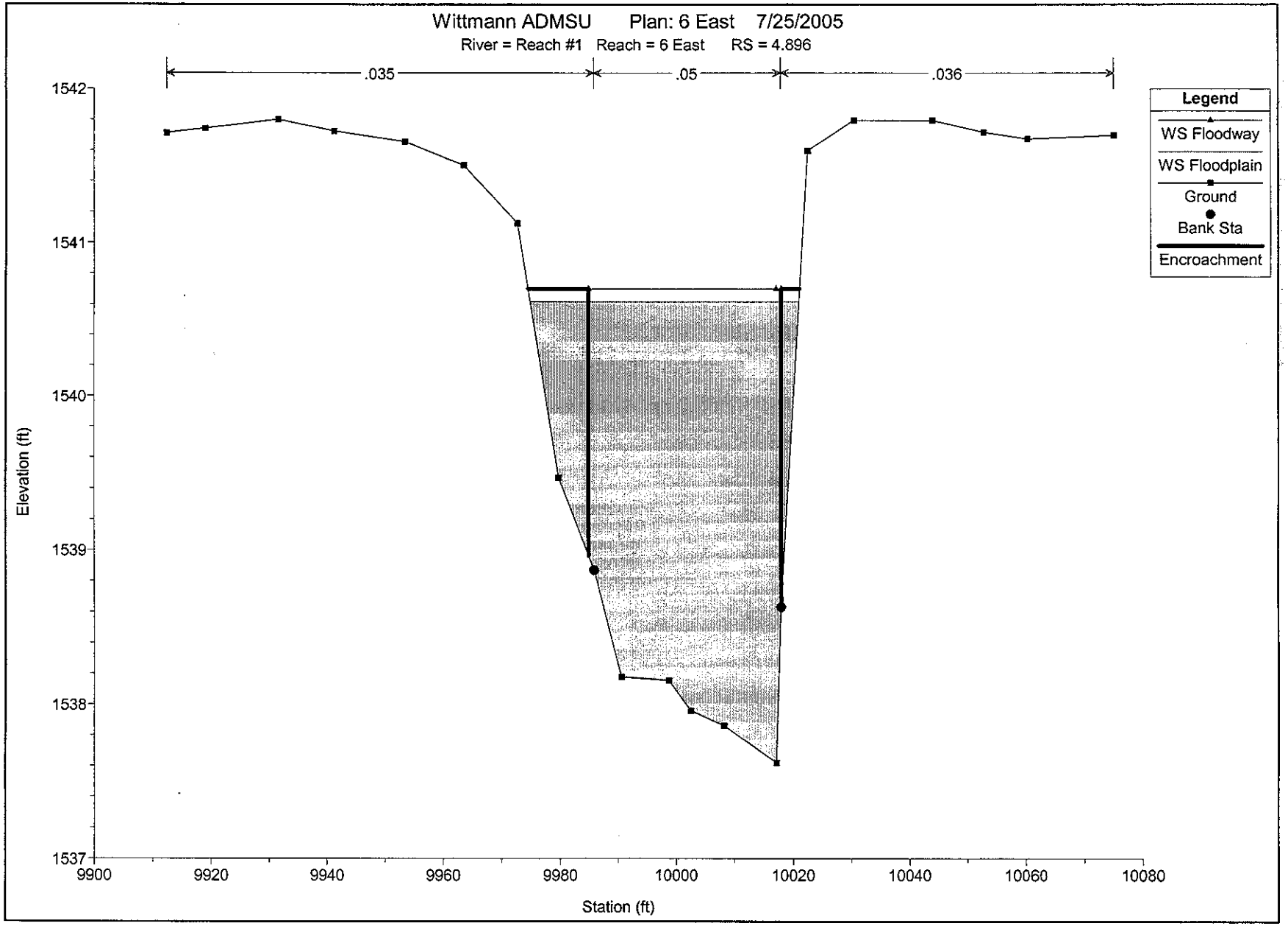

Wash 5E. dike failure Plan: 5E_ZONE AO 7/26/2005
River = Reach #2 Reach = 5E_ZONE AO RS = 0.426
.04
.04
.04
Legend
WS PF 1
Ground
Bank Sta
Elevation (ft)
1474
1472
1470
1468
1466
1464
1462
1460
1458
9000
10000
11000
12000
13000
14000
Station (ft)

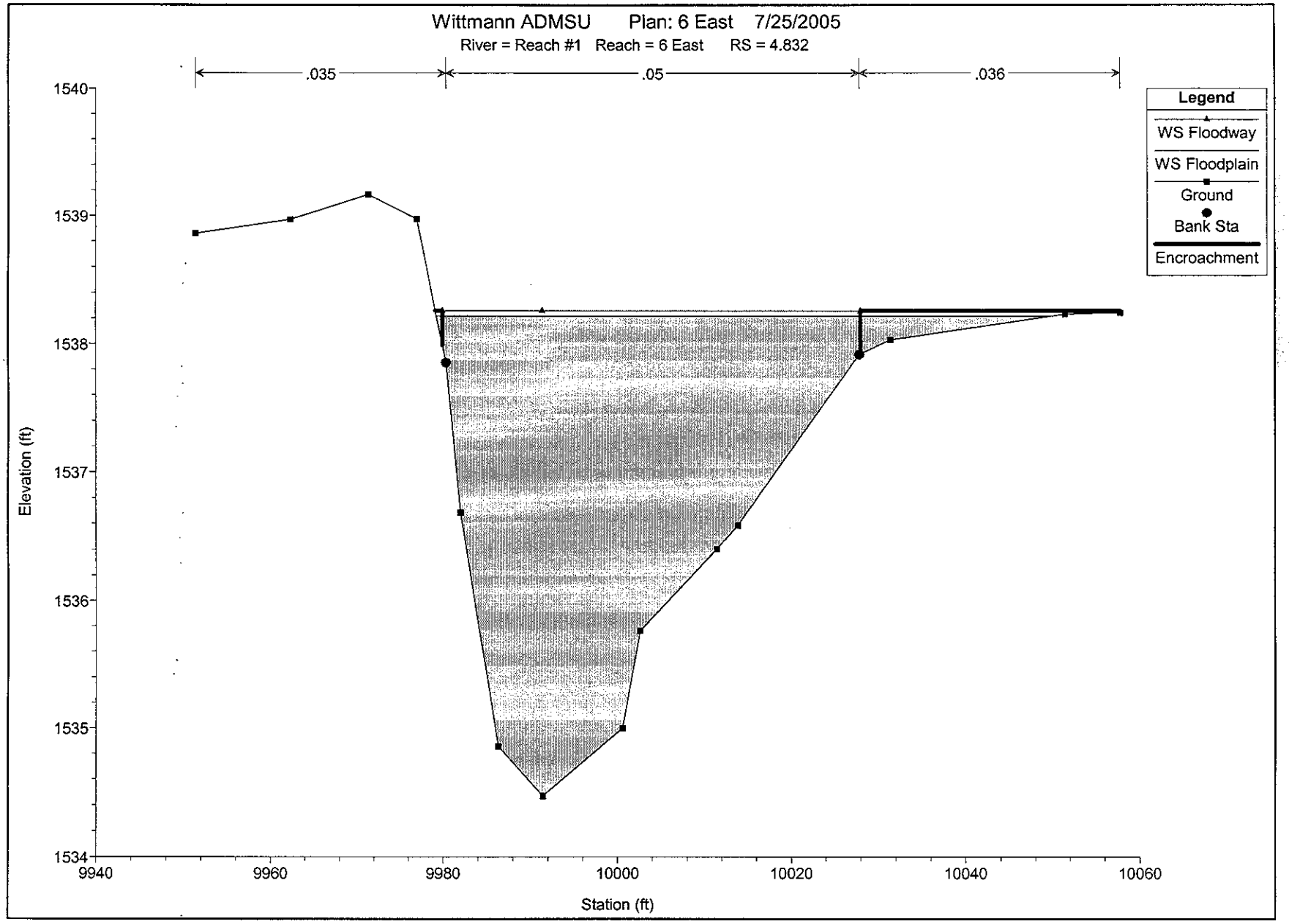

Wash 5E. dike failure Plan: 5E_ZONE AO 7/26/2005
River = Reach #2 Reach = 5E_ZONE AO RS = 0.271
.04
.04
.04
Legend
WS PF 1
Ground
Bank Sta
Elevation (ft)
1458
1457
1456
1455
1454
1453
0
500
1000
1500
2000
2500
Station (ft)

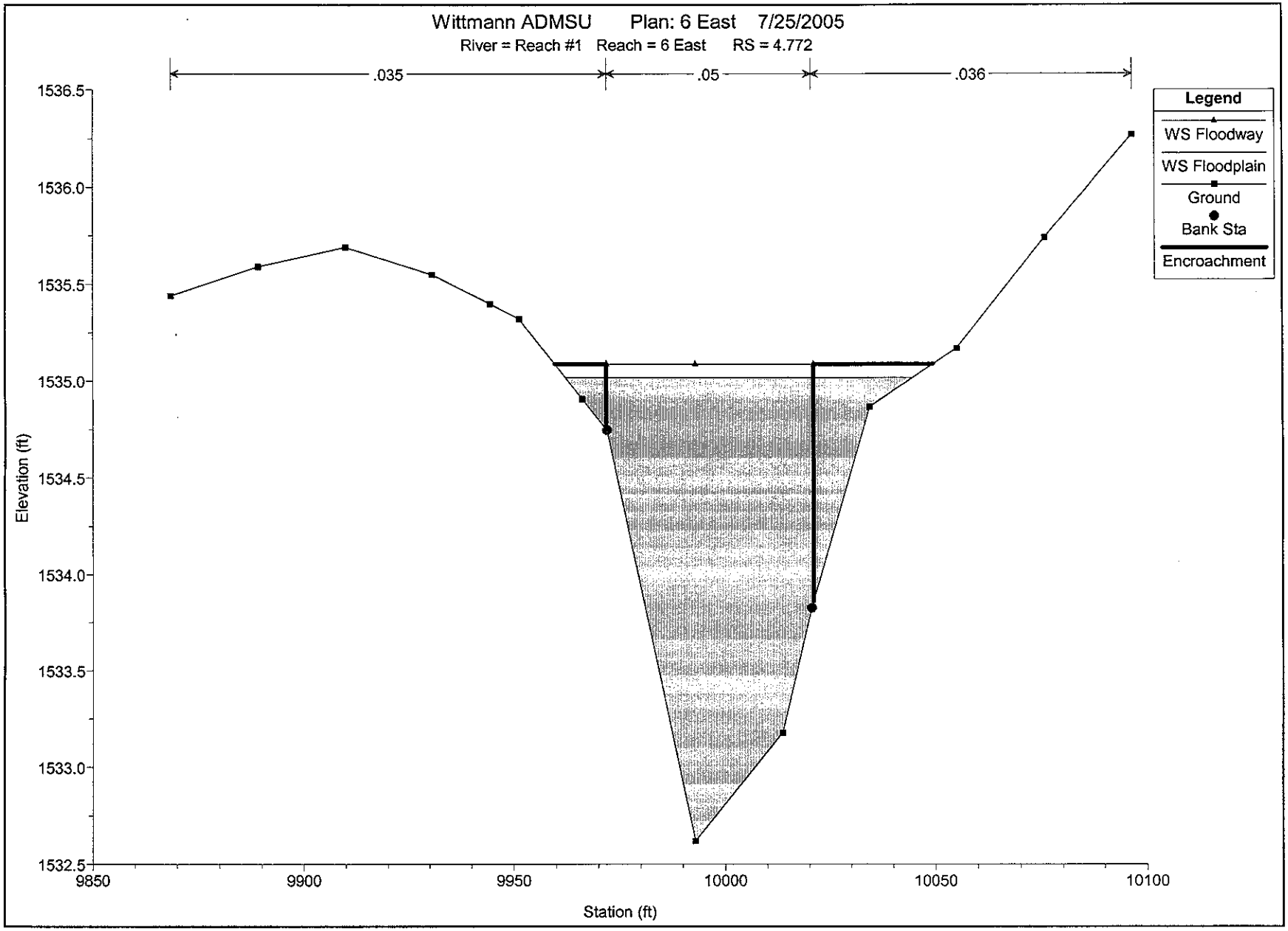

Wash 5E. dike failure Plan: 5E_ZONE AO 7/26/2005
River = Reach #2 Reach = 5E_ZONE AO RS = 0
.04
.04
.04
Legend
WS PF 1
Ground
Bank Sta
Elevation (ft)
1460
1458
1456
1454
1452
1450
1448
1446
1444
1442
8000
9000
10000
11000
12000
13000
14000
15000
Station (ft)

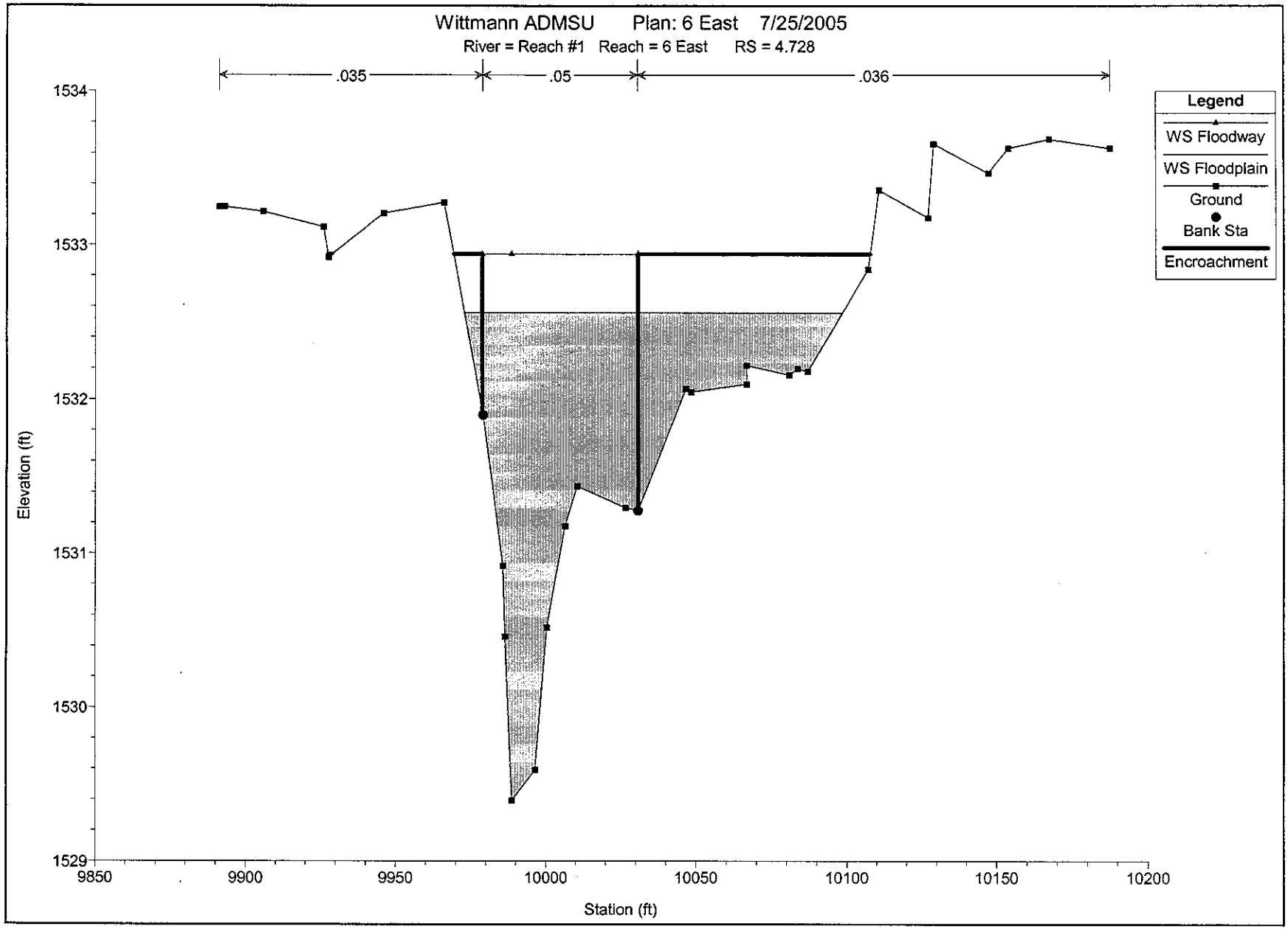
6 EAST

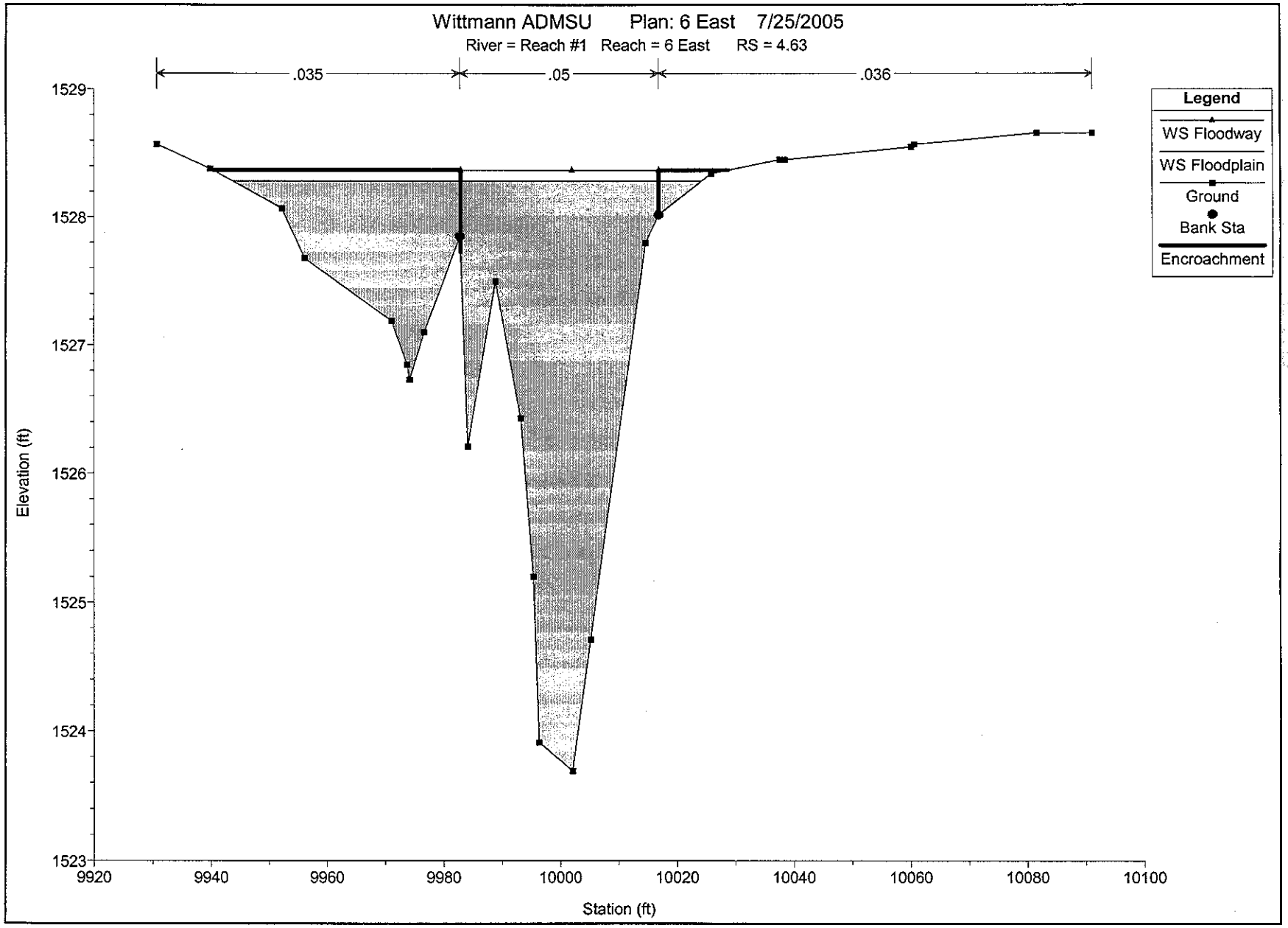

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.966
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1547
1546
1545
1544
1543
1542
1541
1540
1539
9880
9900
9920
9940
9960
9980
10000
10020
10040
Station (ft)

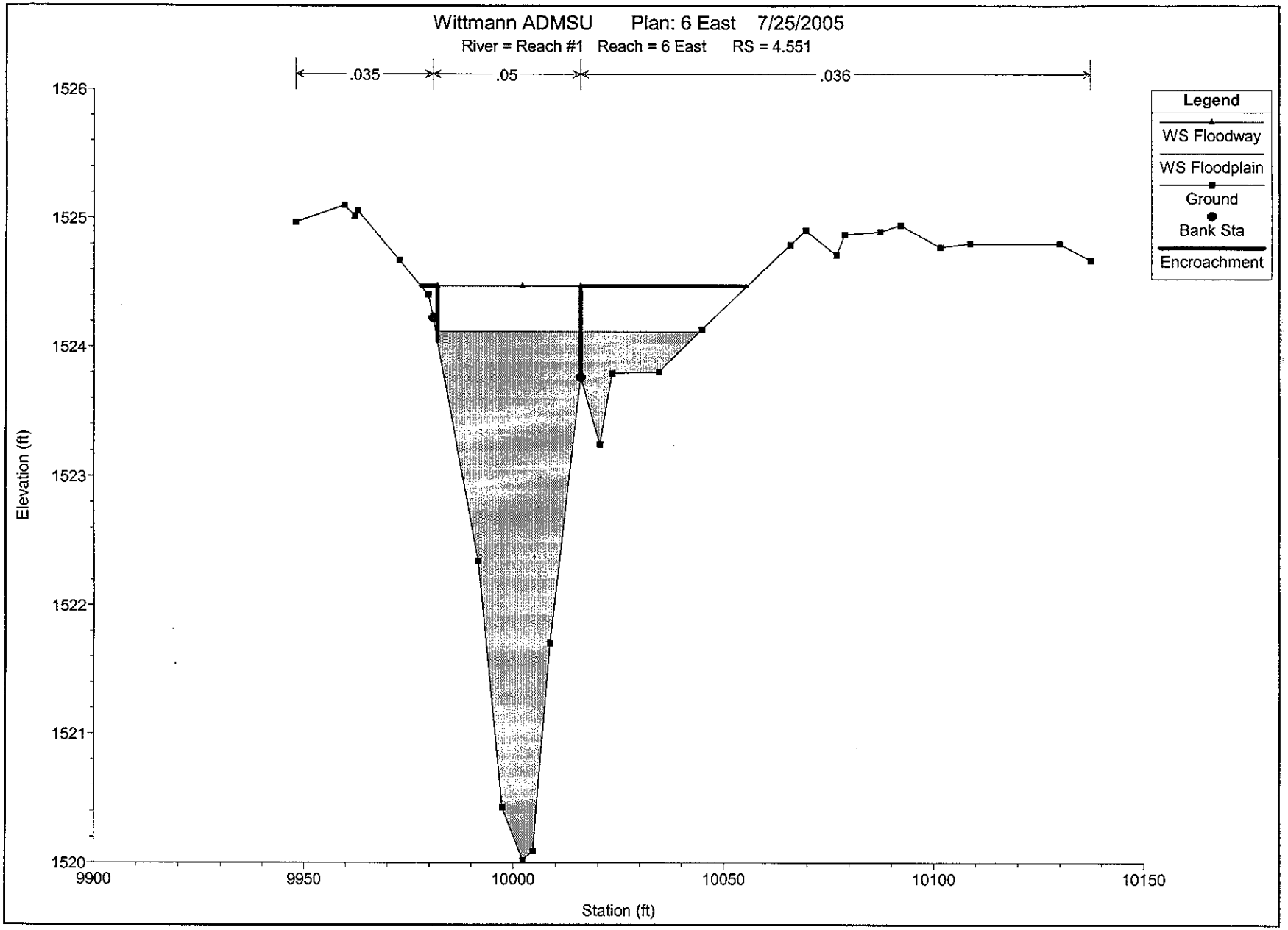

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.896
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1542
1541
1540
1539
1538
1537
9900
9920
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

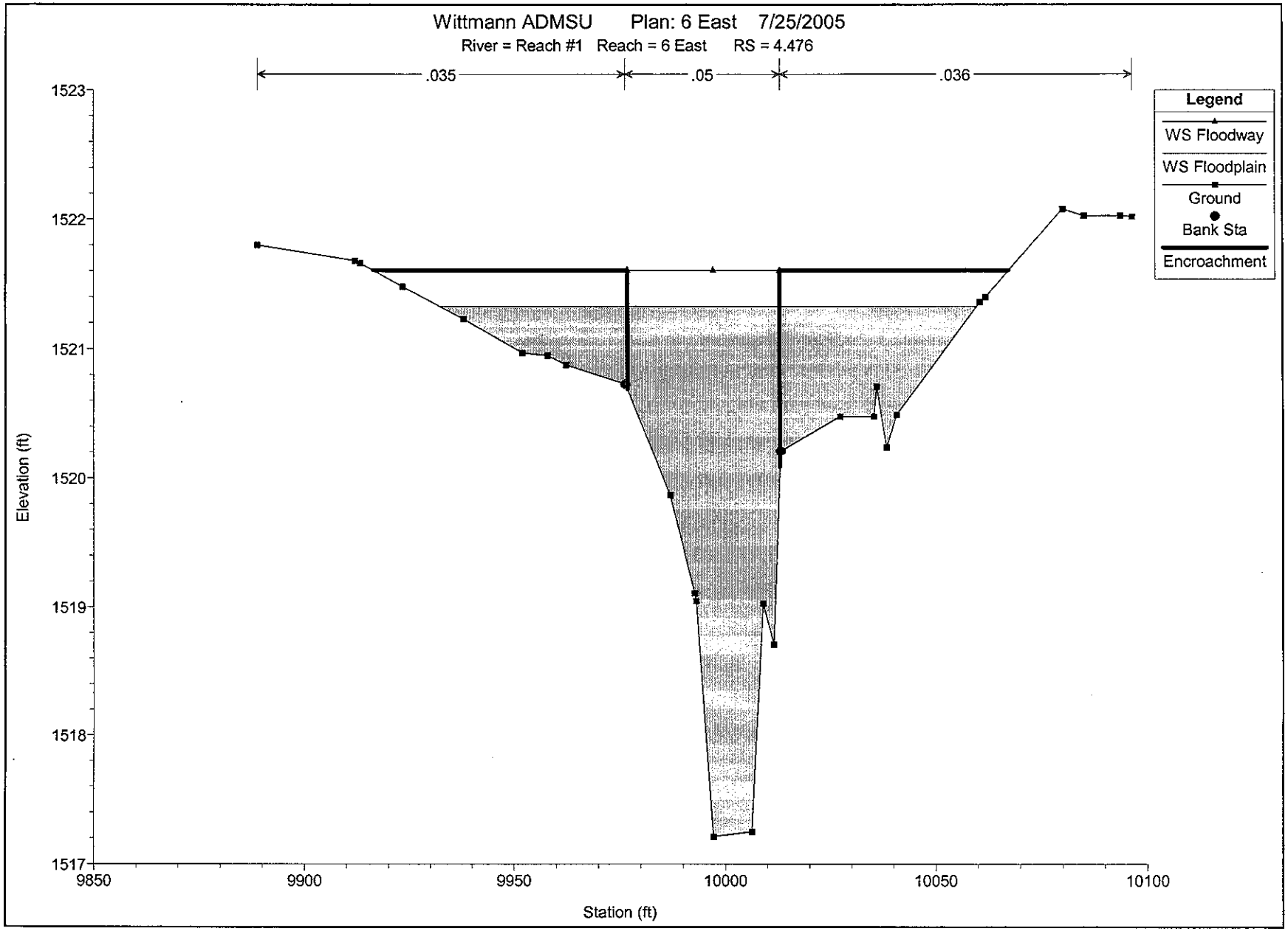

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.832
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1540
1539
1538
1537
1536
1535
1534
9940
9960
9980
10000
10020
10040
10060
Station (ft)

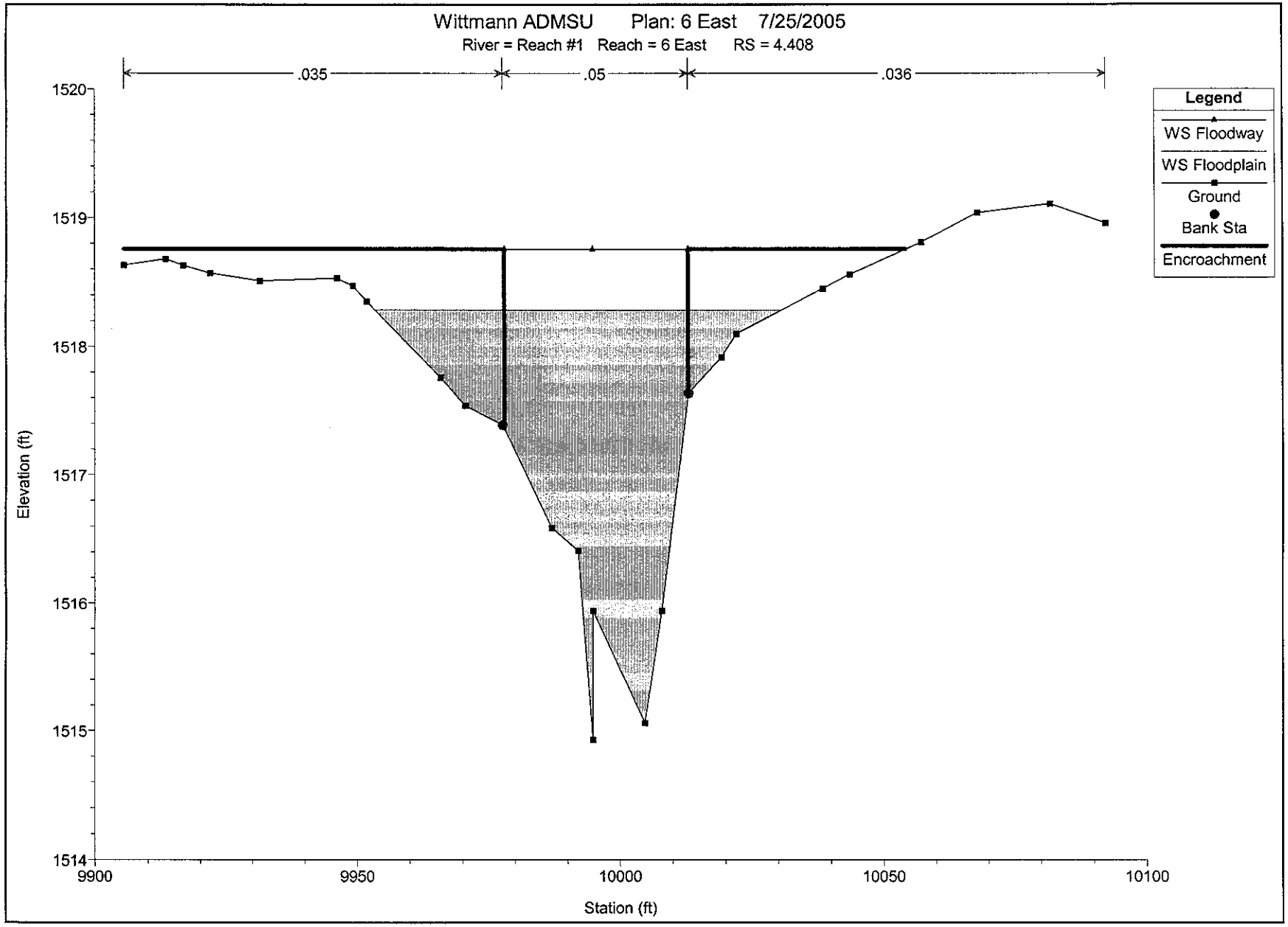

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.772
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1536.5
1536.0
1535.5
1535.0
1534.5
1534.0
1533.5
1533.0
1532.5
9850
9900
9950
10000
10050
10100
Station (ft)

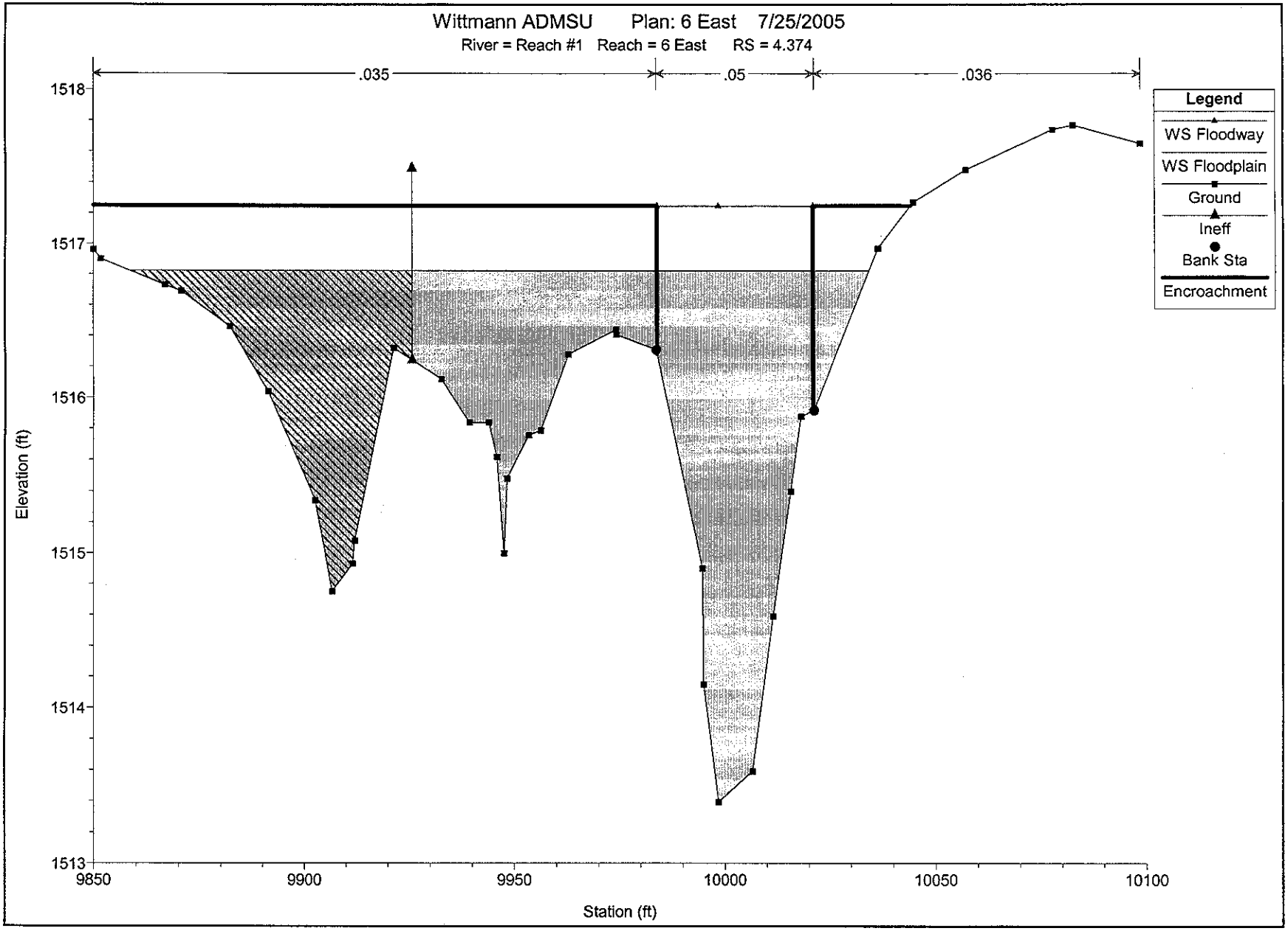

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.728
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1534
1533
1532
1531
1530
1529
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

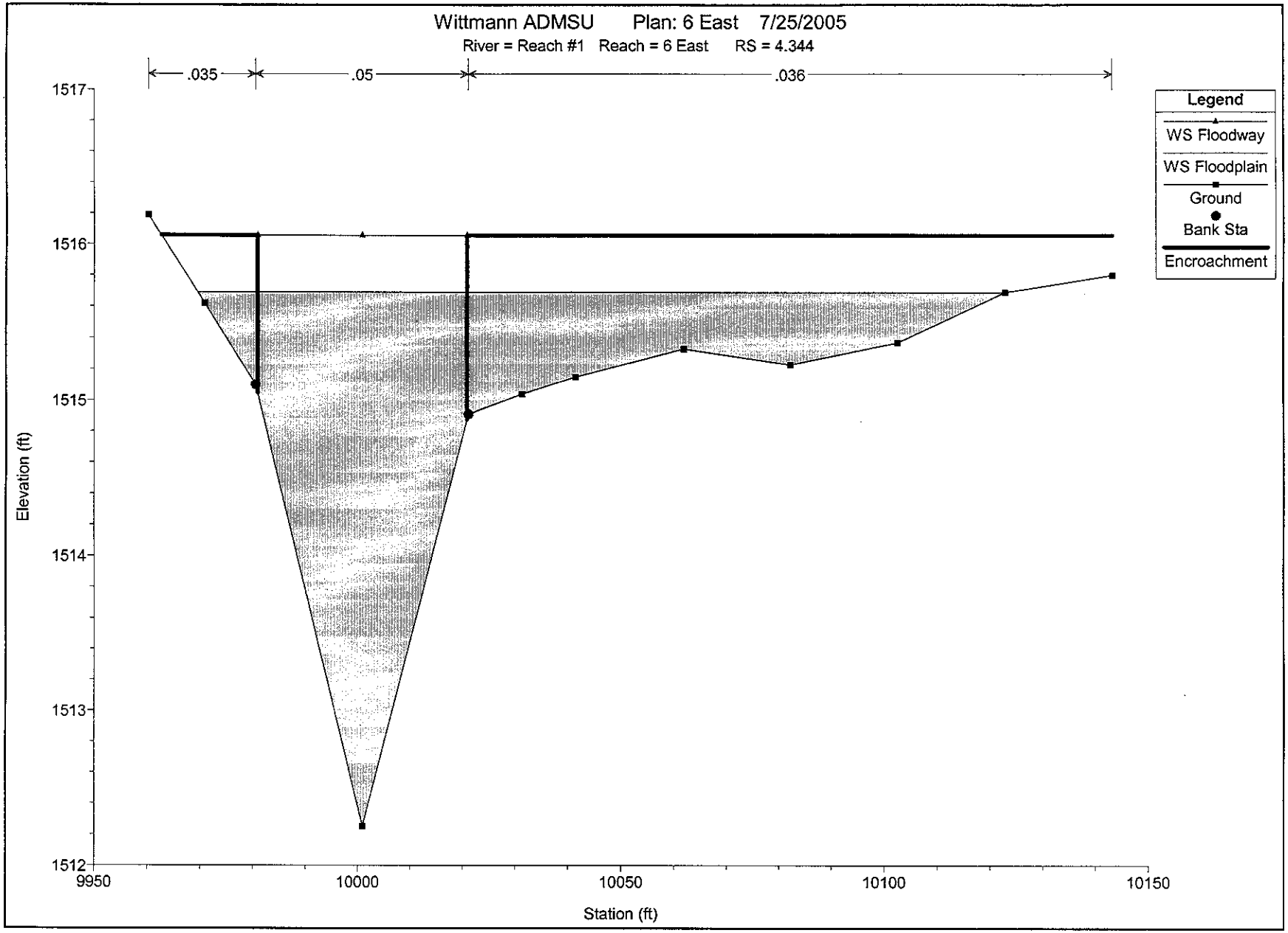

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.63
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1529
1528
1527
1526
1525
1524
1523
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

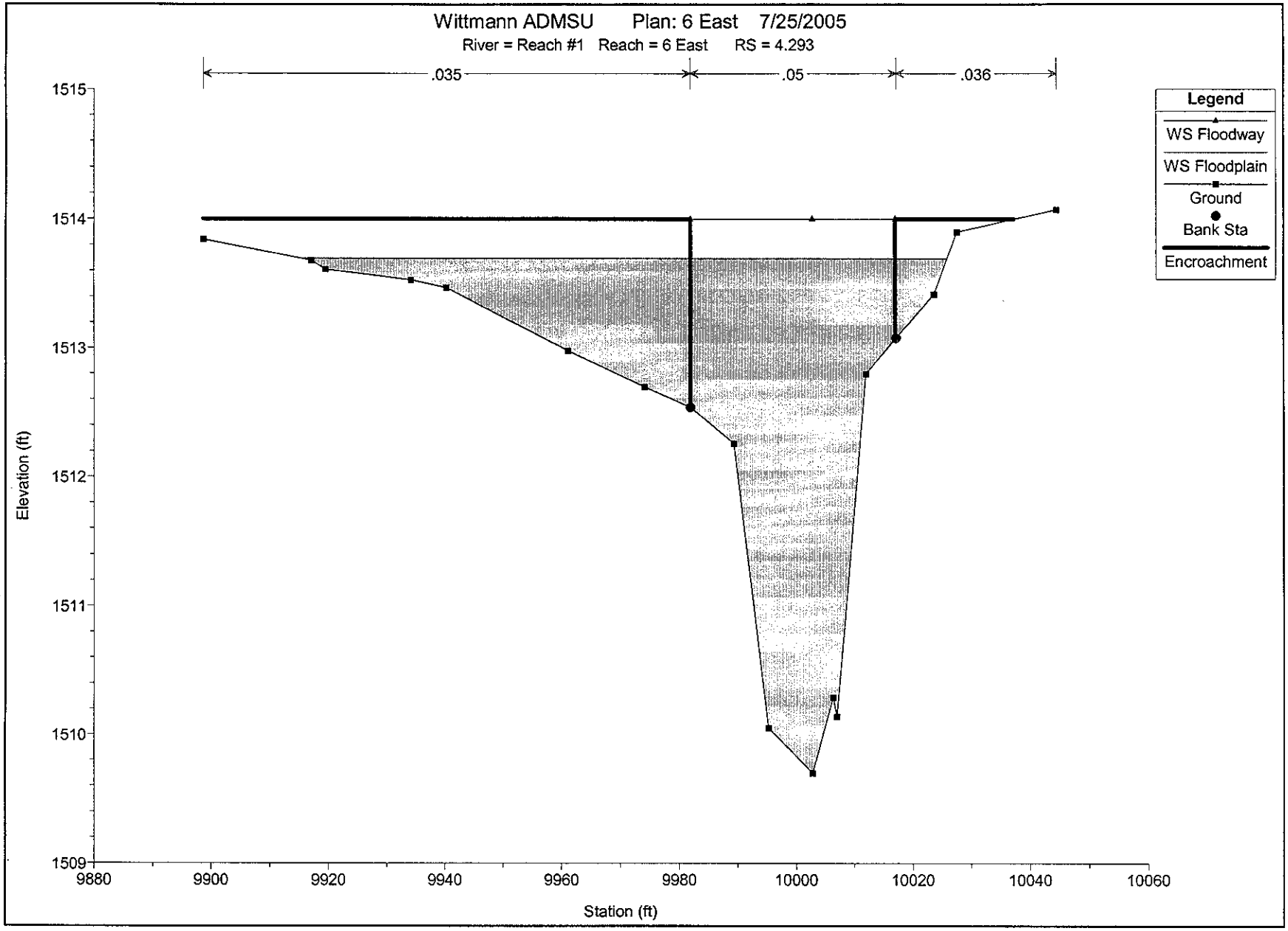

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.551
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1526
1525
1524
1523
1522
1521
1520
9900
9950
10000
10050
10100
10150
Station (ft)

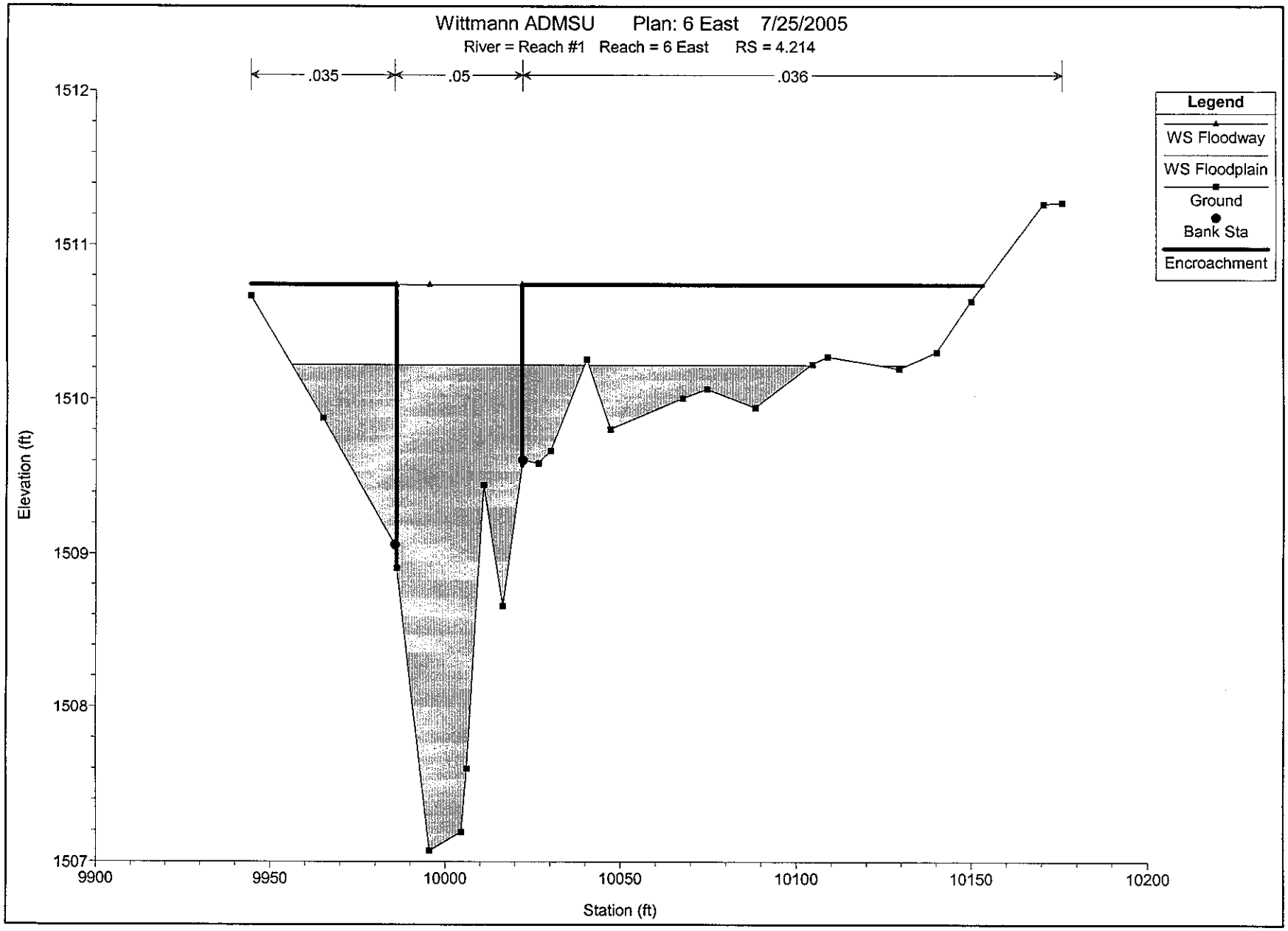

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.476
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1523
1522
1521
1520
1519
1518
1517
9850
9900
9950
10000
10050
10100
Station (ft)

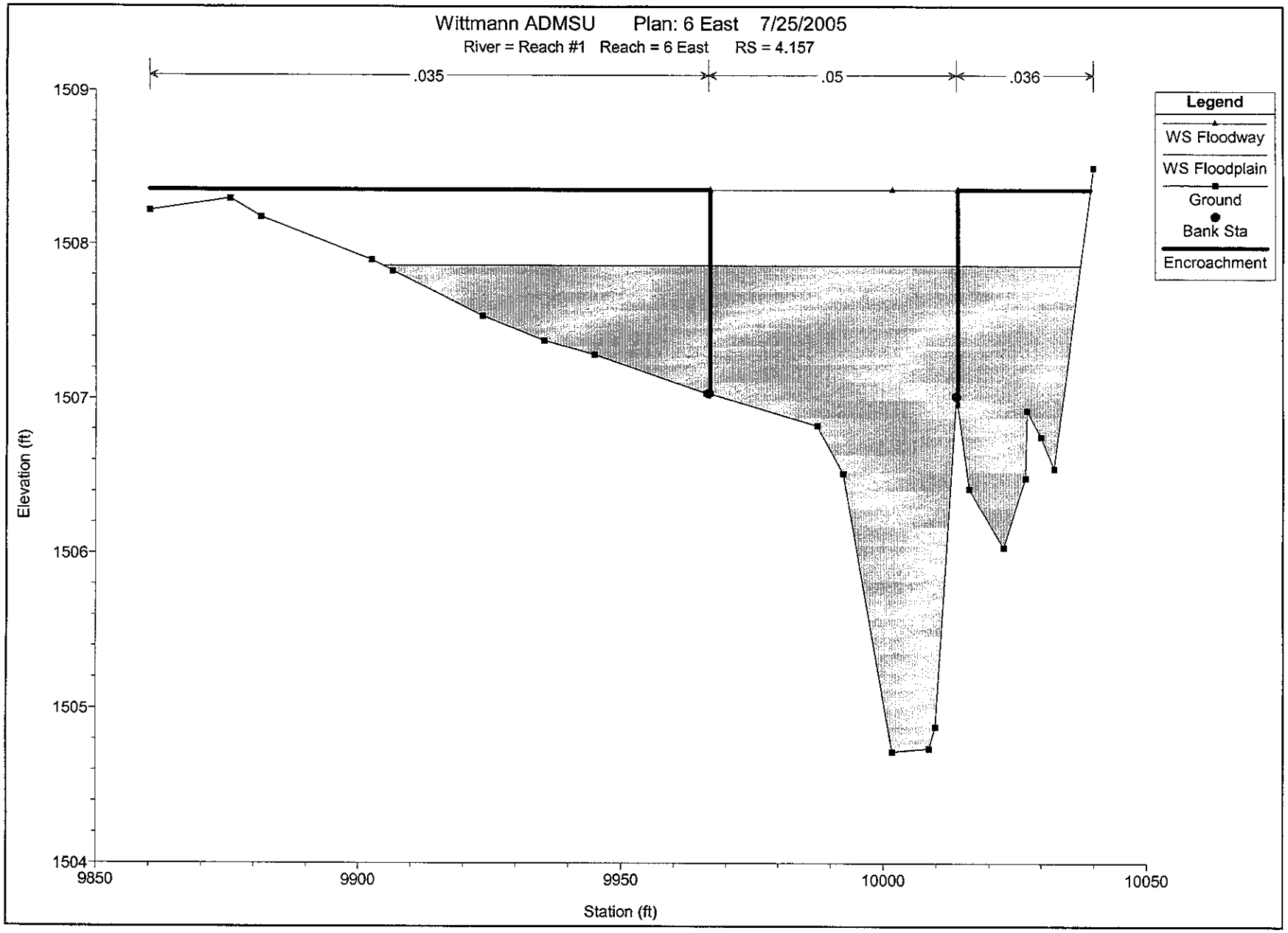

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.408
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1520
1519
1518
1517
1516
1515
1514
9900
9950
10000
10050
10100
Station (ft)

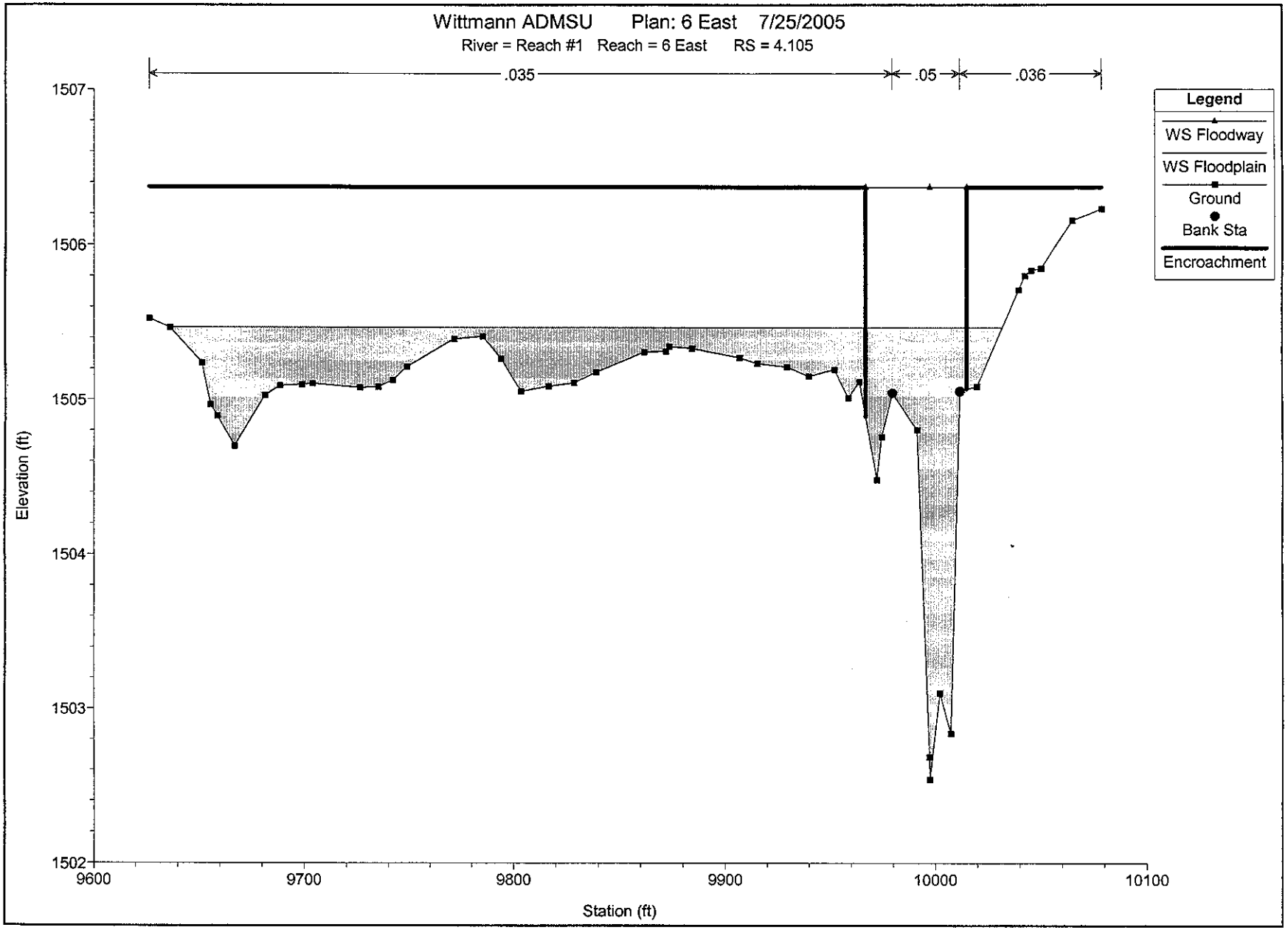

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.374
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1518
1517
1516
1515
1514
1513
9850
9900
9950
10000
10050
10100
Station (ft)

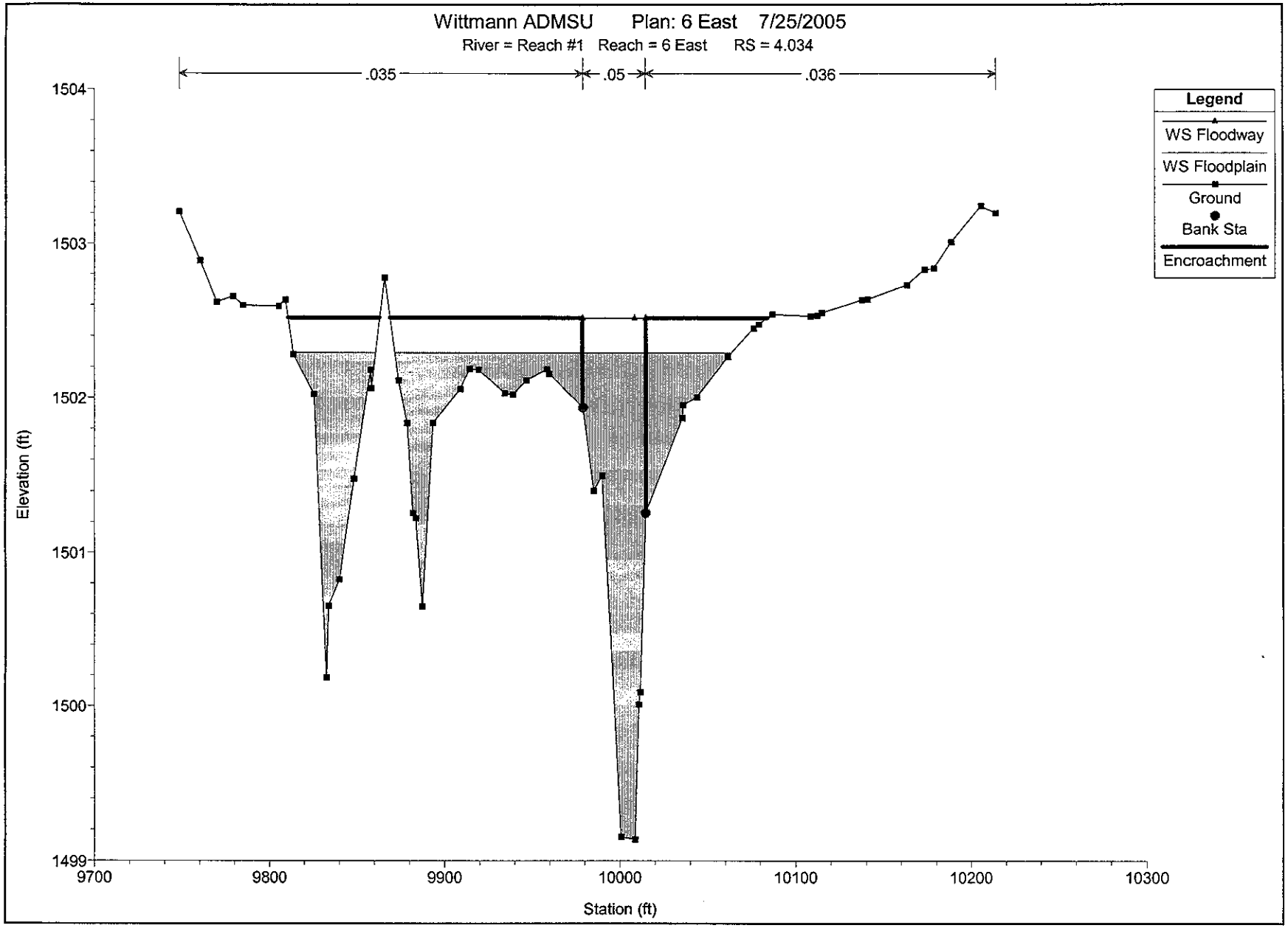

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.344
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1517
1516
1515
1514
1513
1512
9950
10000
10050
10100
10150
Station (ft)

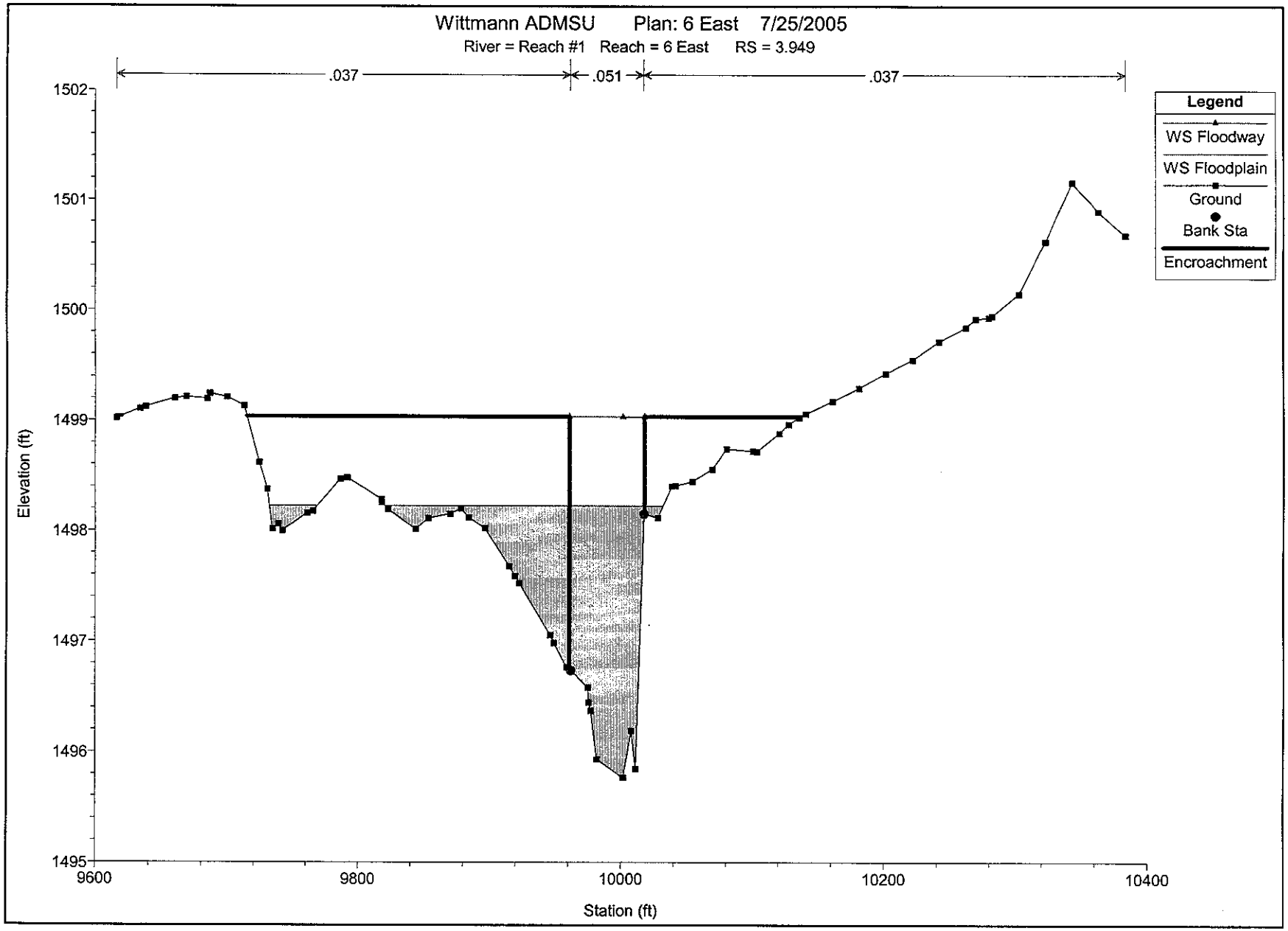

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.293
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1515
1514
1513
1512
1511
1510
1509
9880
9900
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

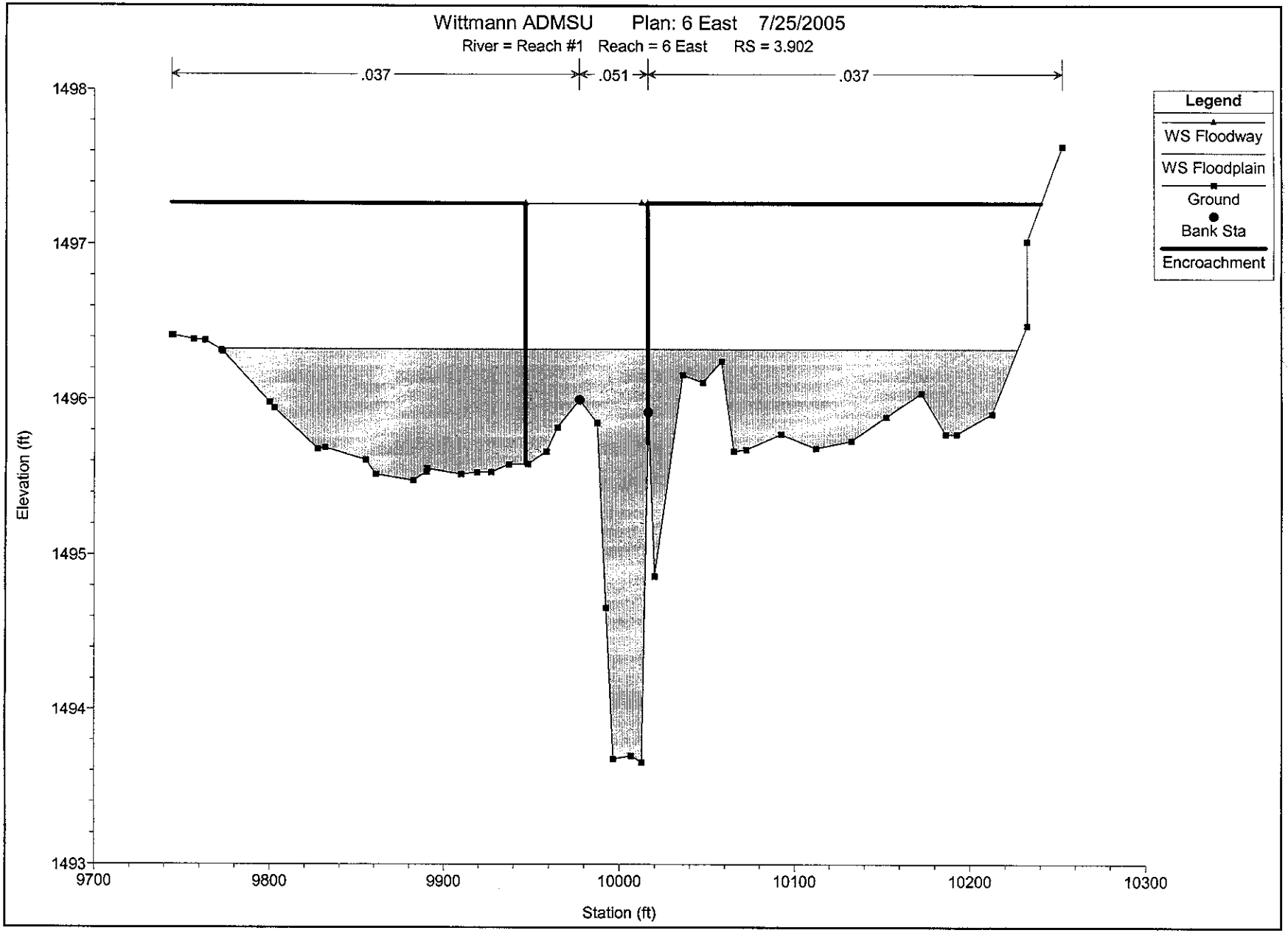

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.214
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1512
1511
1510
1509
1508
1507
9900
9950
10000
10050
10100
10150
10200
Station (ft)

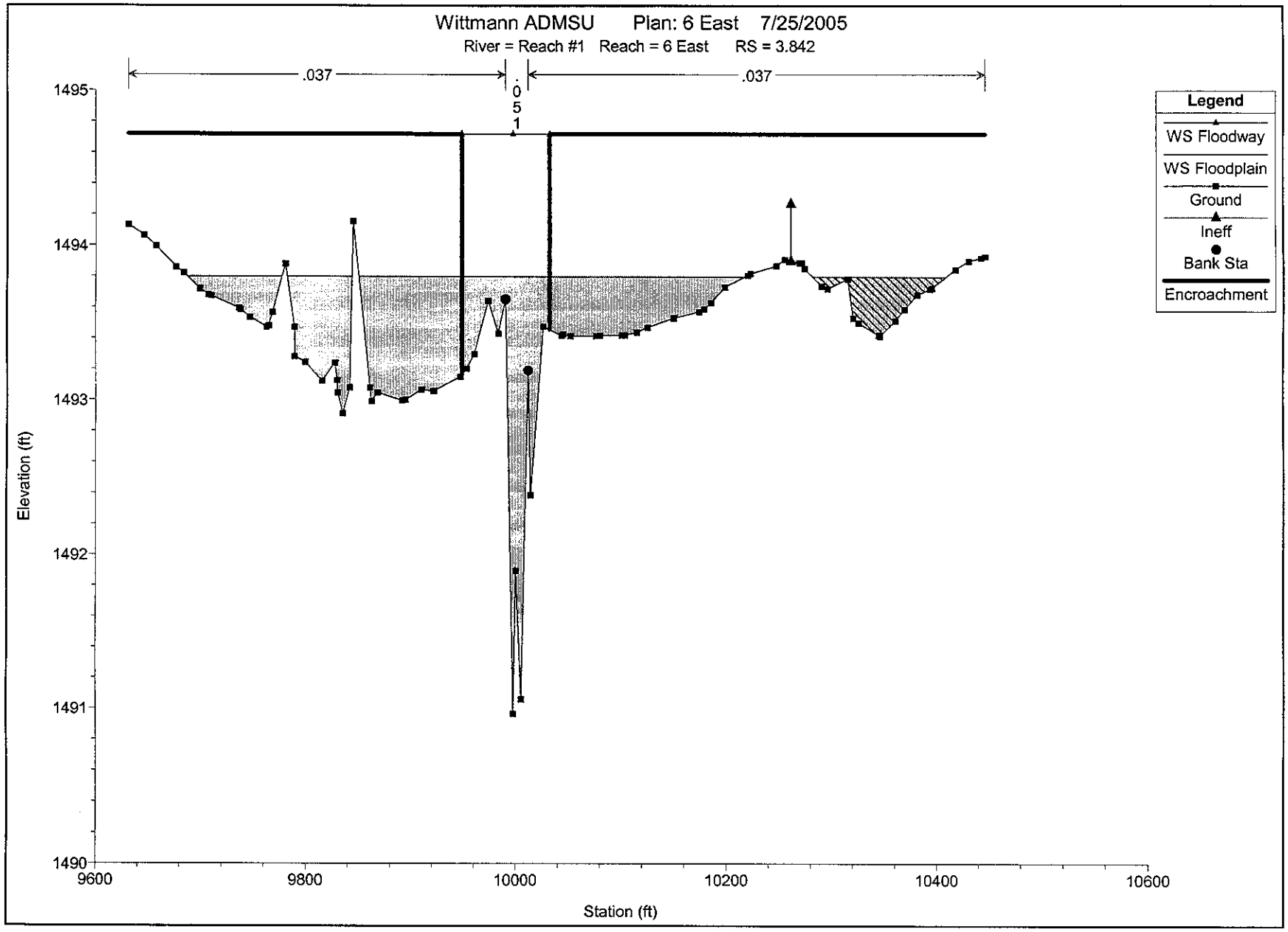

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.157
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1509
1508
1507
1506
1505
1504
9850
9900
9950
10000
10050
Station (ft)

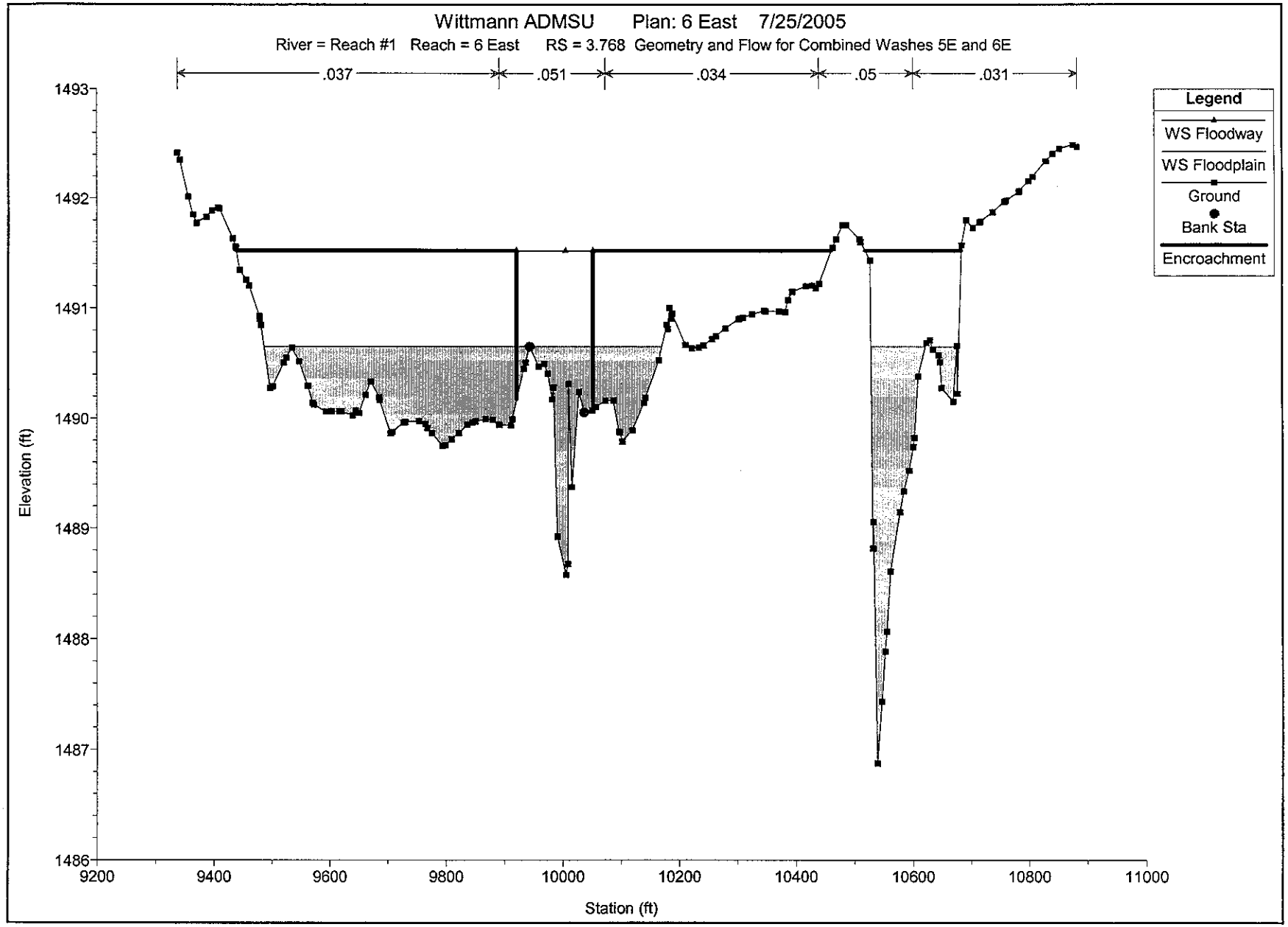

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.105
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1507
1506
1505
1504
1503
1502
9600
9700
9800
9900
10000
10100
Station (ft)

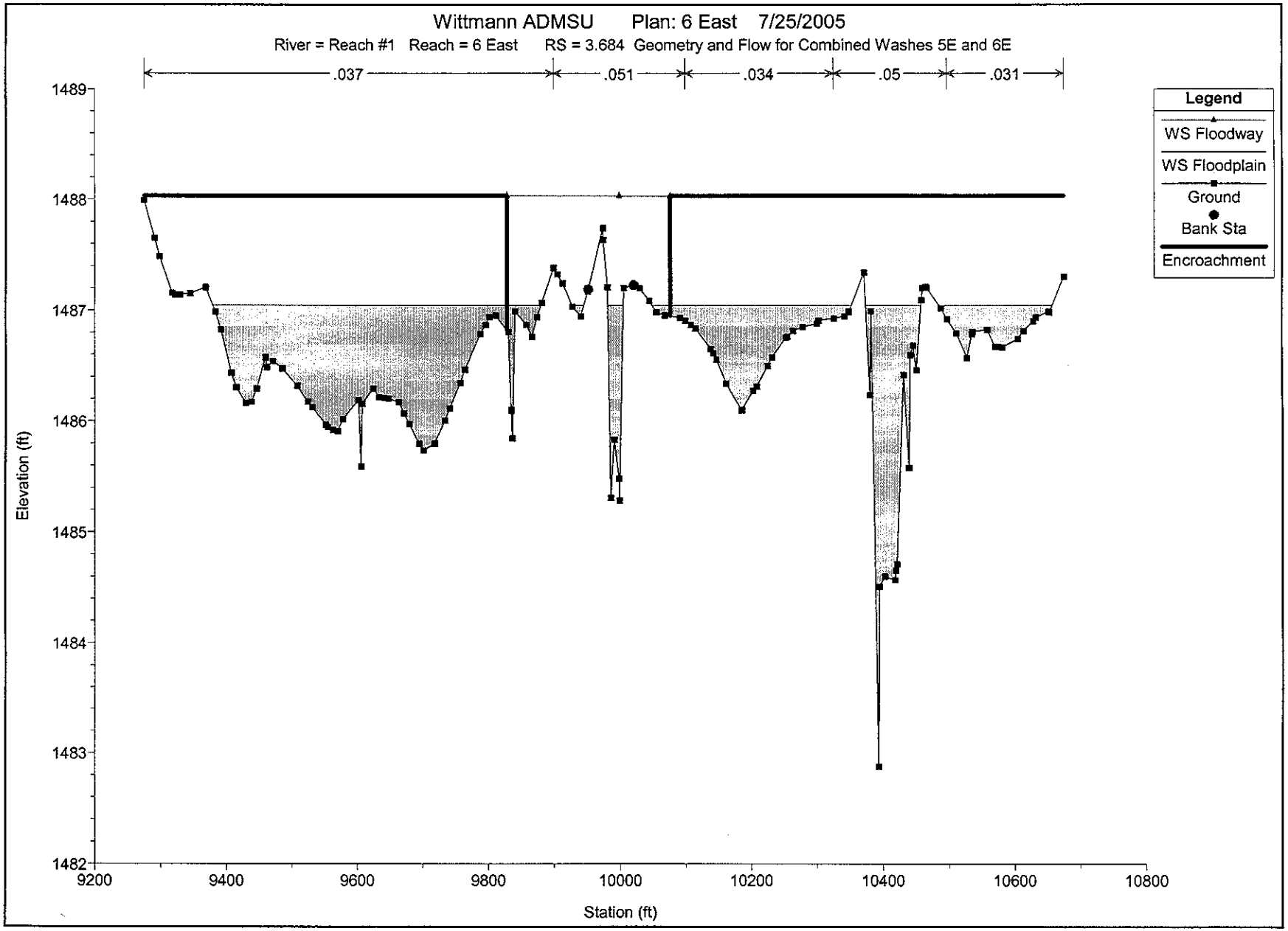

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 4.034
.035
.05
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1504
1503
1502
1501
1500
1499
9700
9800
9900
10000
10100
10200
10300
Station (ft)

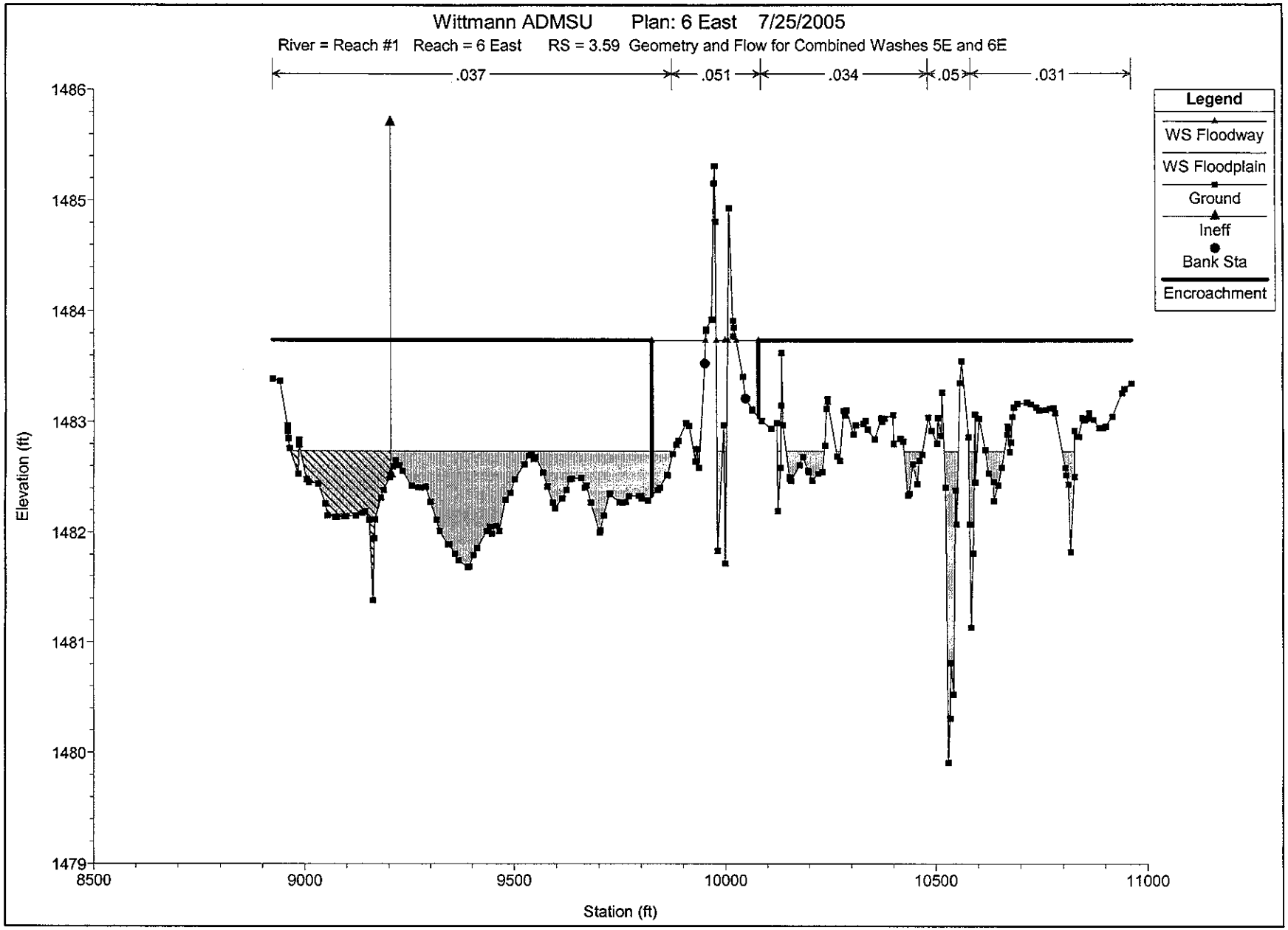

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.949
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1502
1501
1500
1499
1498
1497
1496
1495
9600
9800
10000
10200
10400
Station (ft)

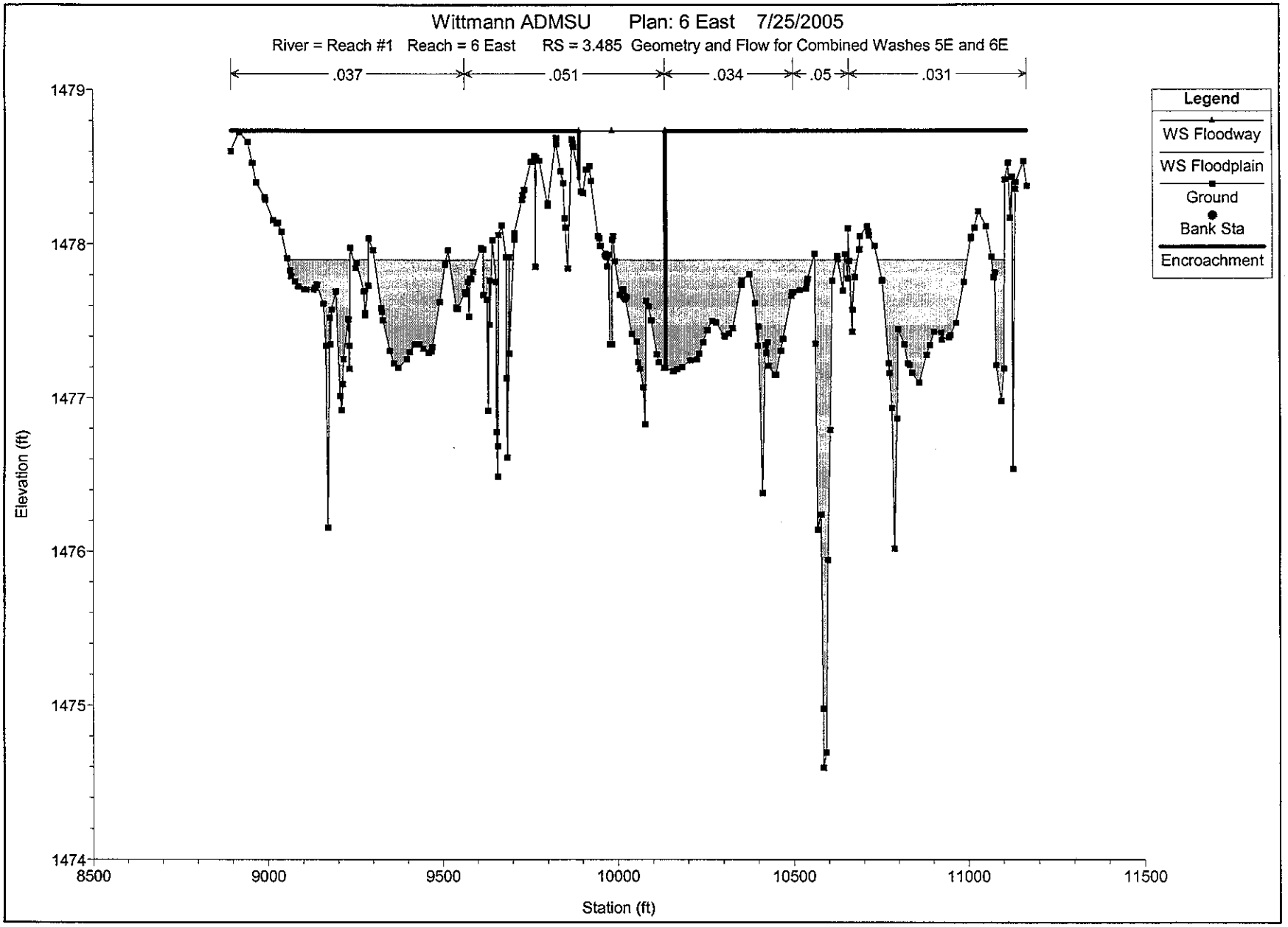

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.902
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1497
1496
1495
1494
1493
9700
9800
9900
10000
10100
10200
10300
Station (ft)

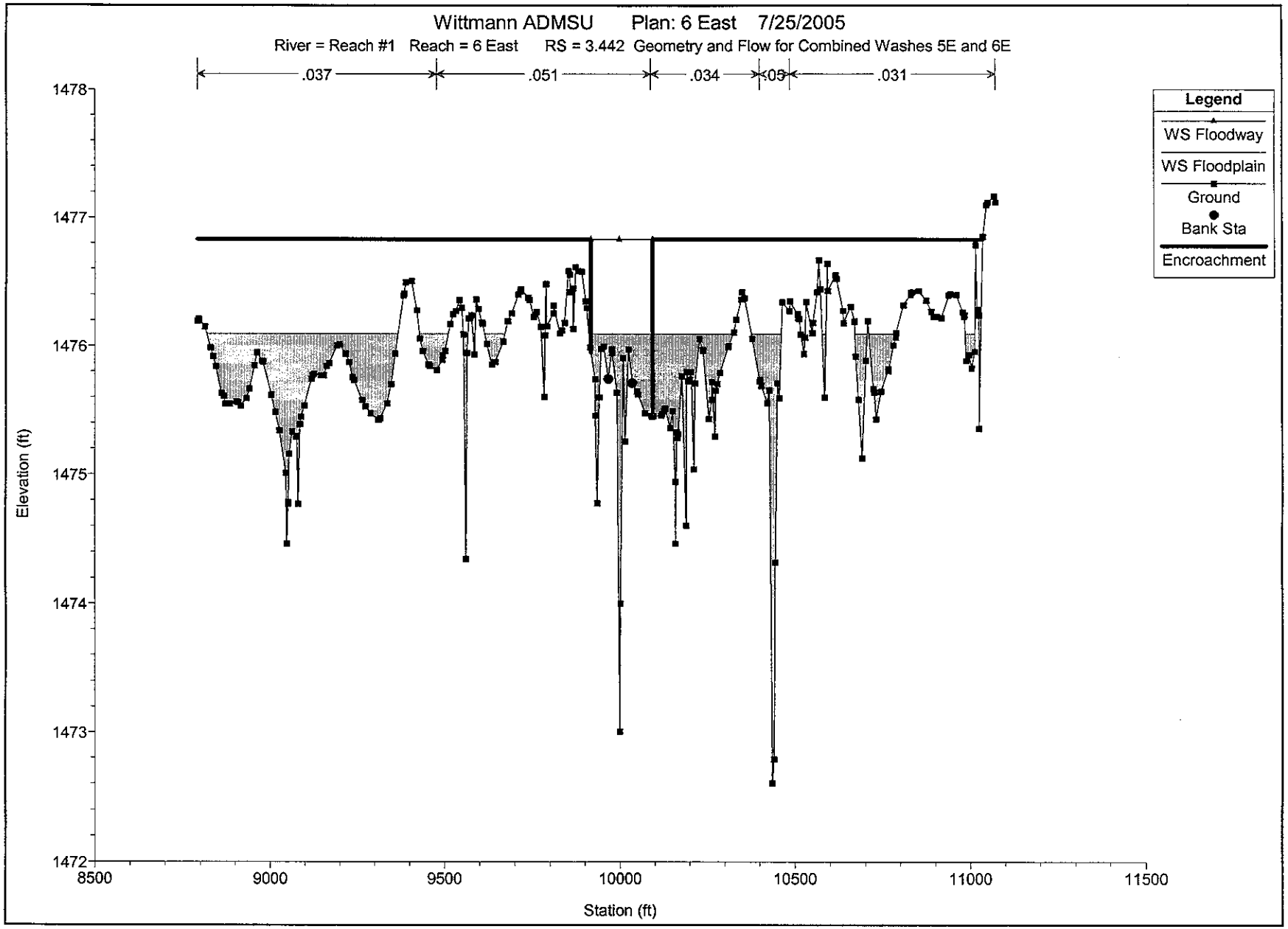

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.842
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1495
1494
1493
1492
1491
1490
9600
9800
10000
10200
10400
10600
Station (ft)

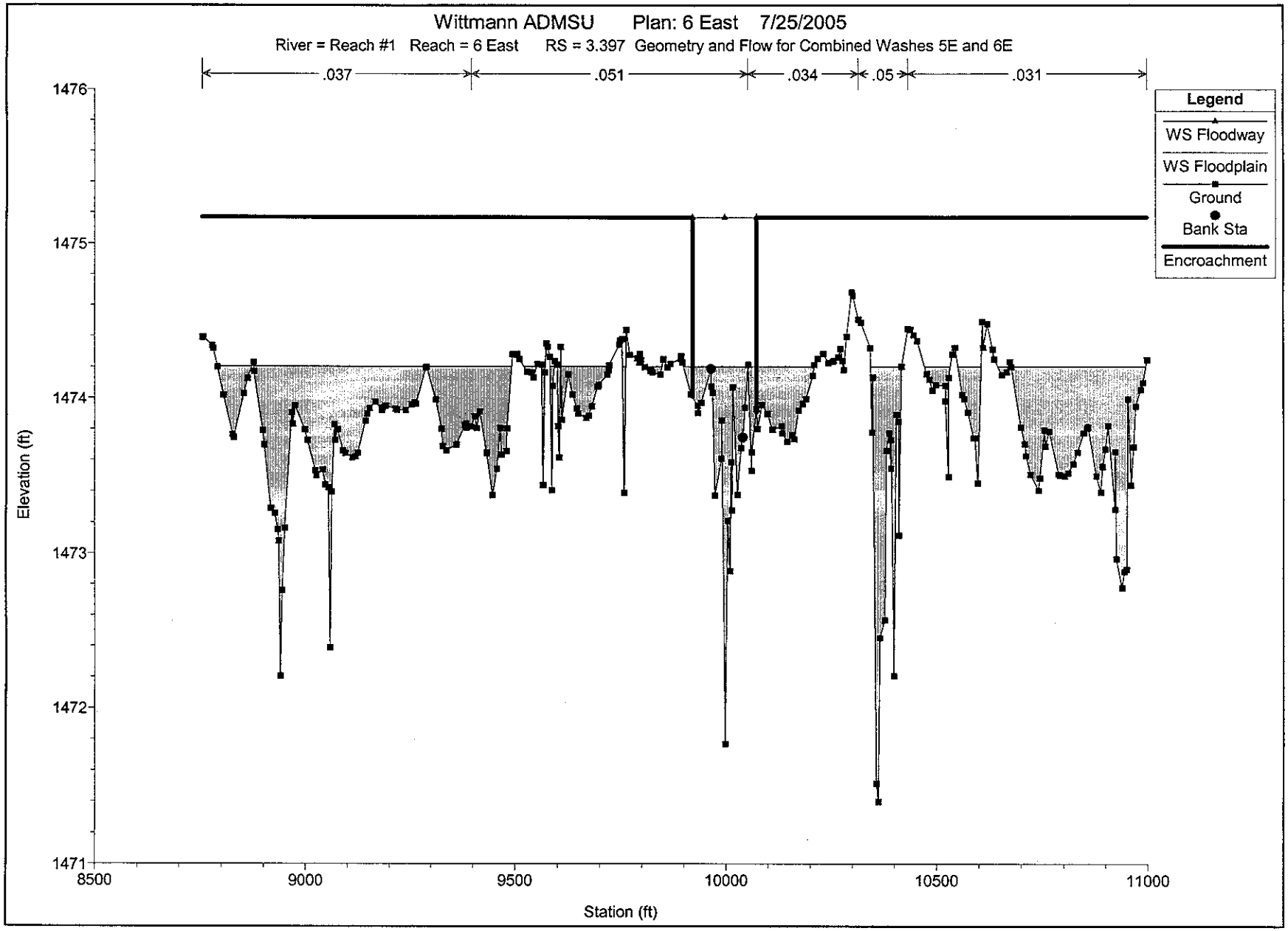

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.768 Geometry and Flow for Combined Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1493
1492
1491
1490
1489
1488
1487
1486
9200
9400
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

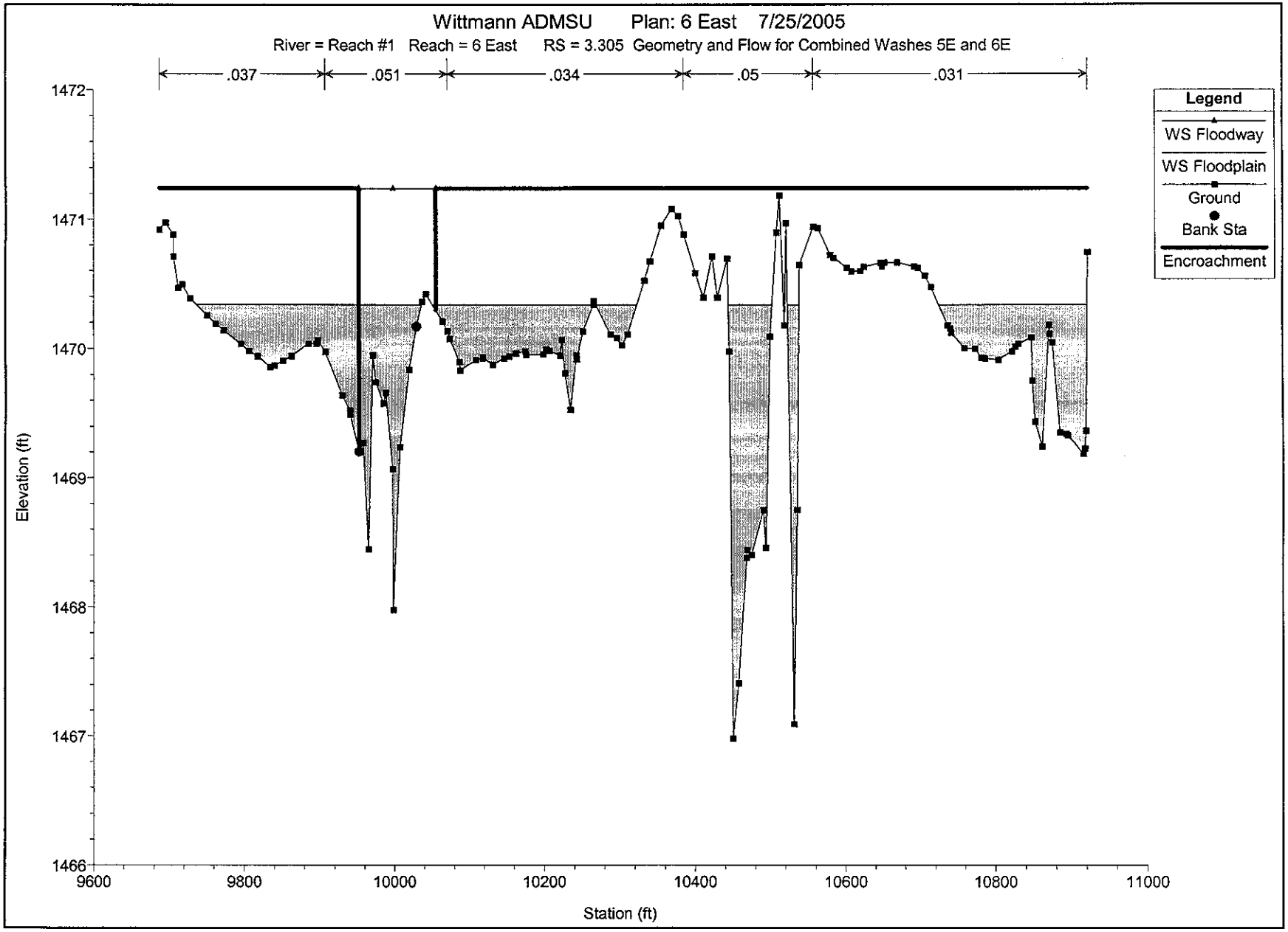

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.684 Geometry and Flow for Combined Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1489
1488
1487
1486
1485
1484
1483
1482
9200
9400
9600
9800
10000
10200
10400
10600
10800
Station (ft)

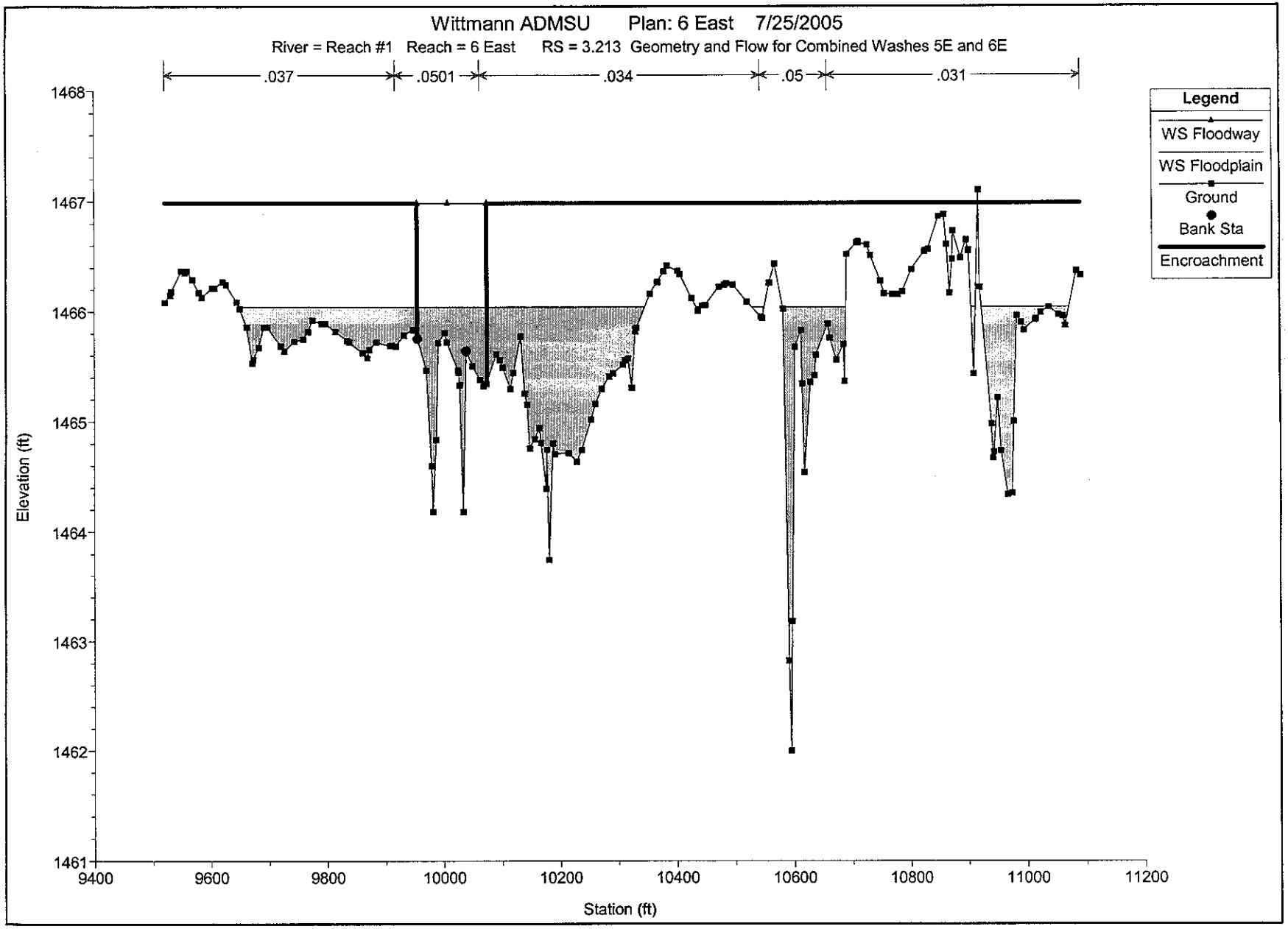

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.59 Geometry and Flow for Combined Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1486
1485
1484
1483
1482
1481
1480
1479
8500
9000
9500
10000
10500
11000
Station (ft)

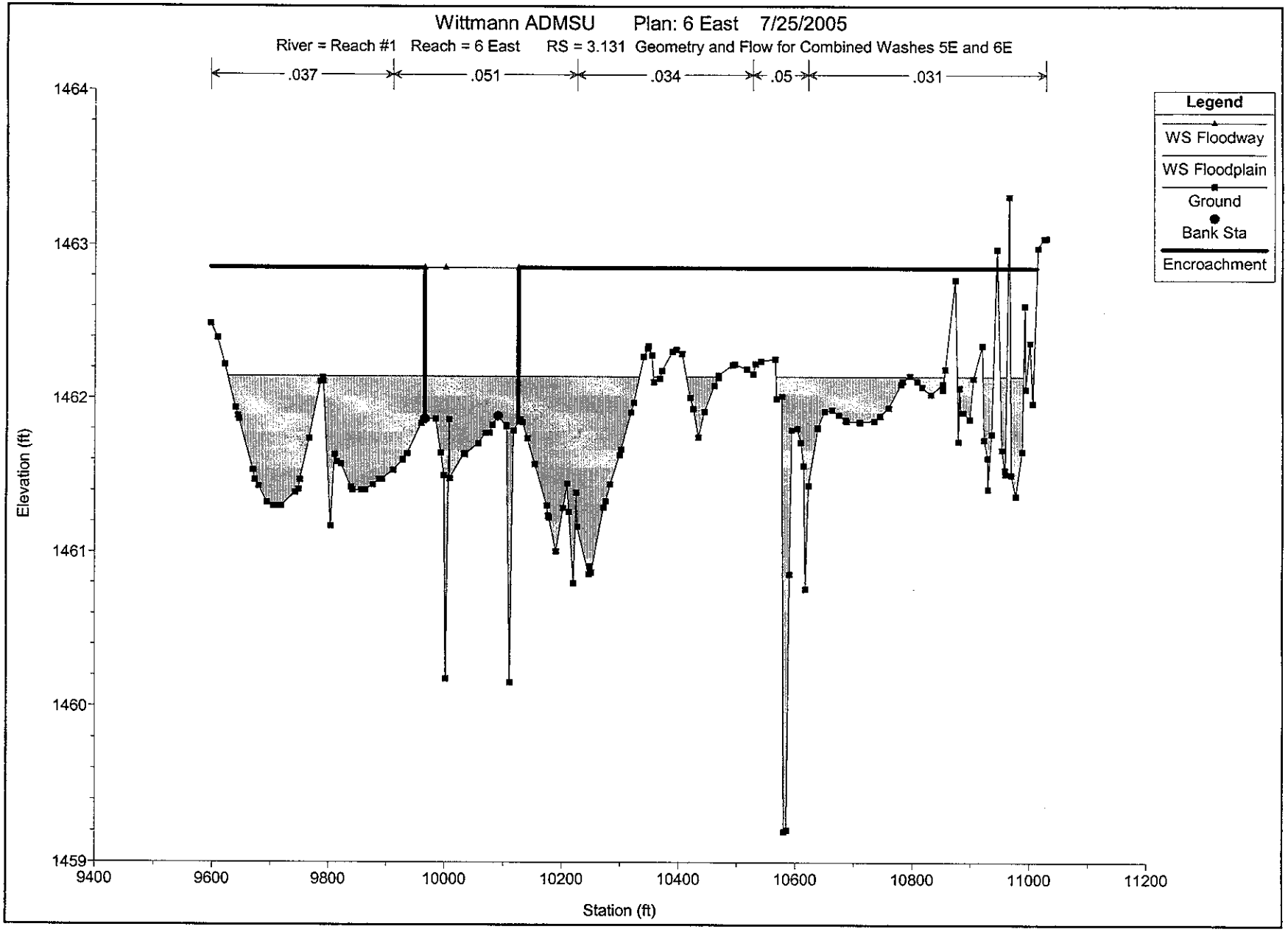

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.485 Geometry and Flow for Combined Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1479
1478
1477
1476
1475
1474
8500
9000
9500
10000
10500
11000
11500
Station (ft)

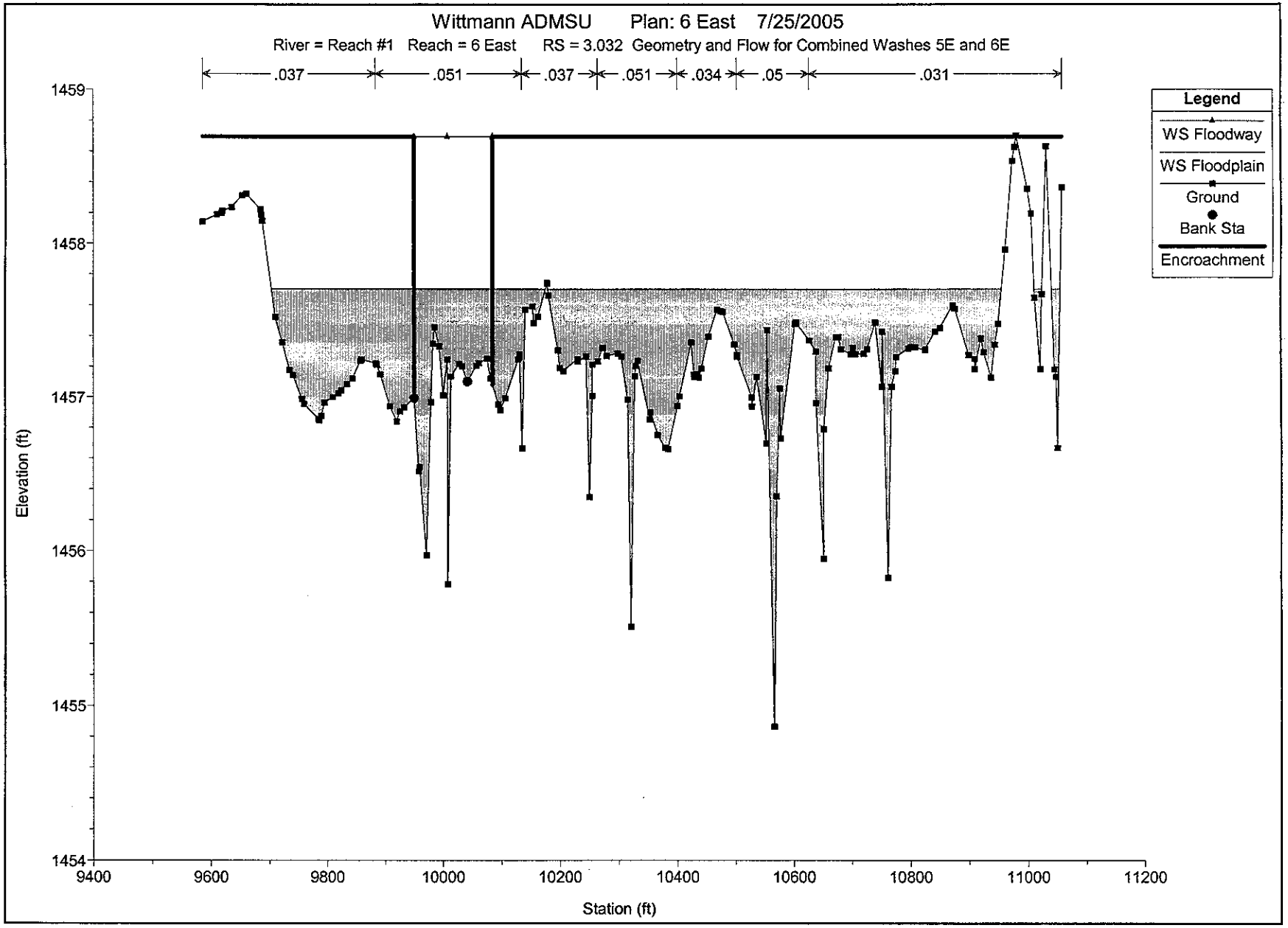

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.442 Geometry and Flow for Combined Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1478
1477
1476
1475
1474
1473
1472
8500
9000
9500
10000
10500
11000
11500
Station (ft)

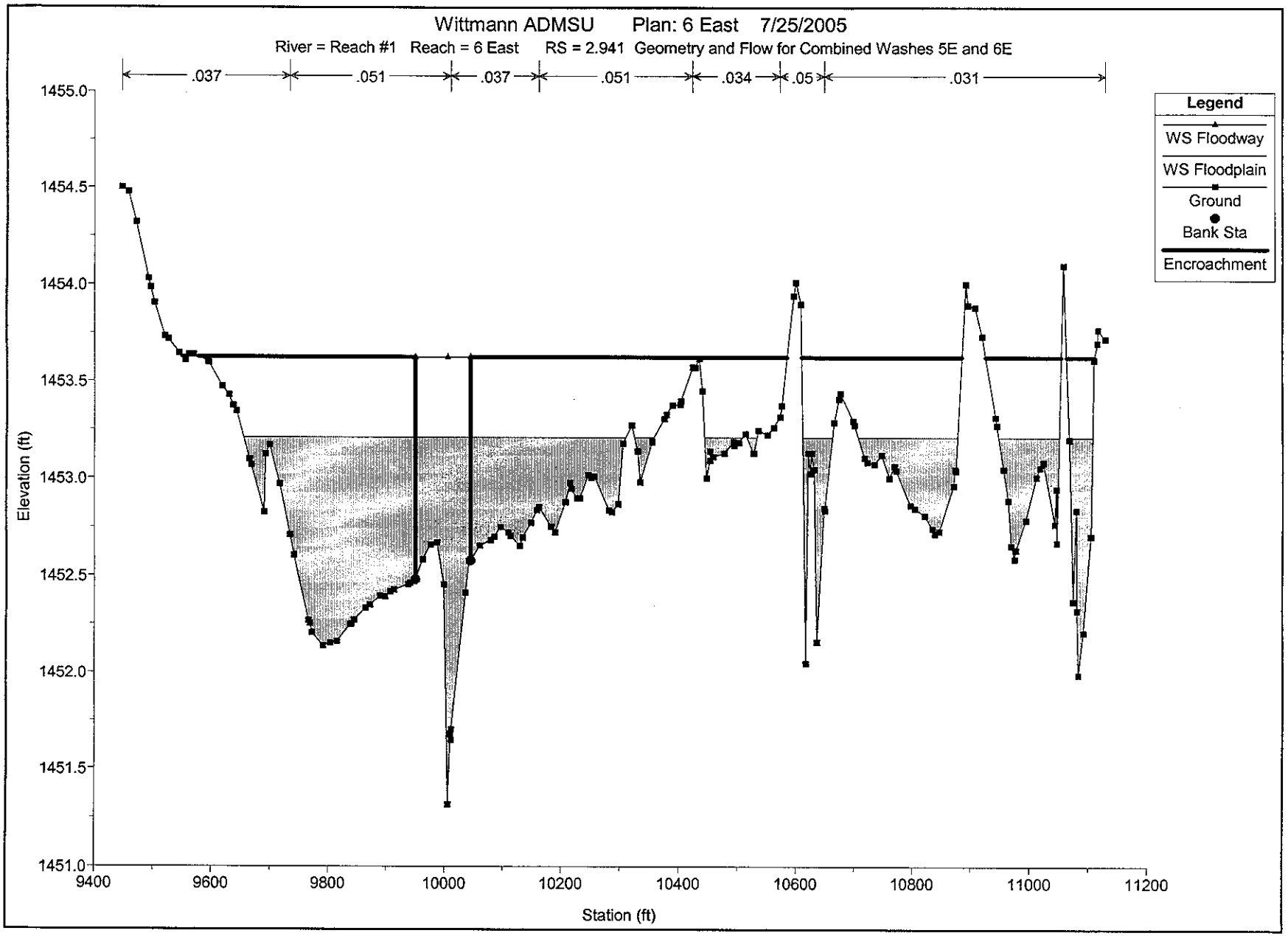

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.397 Geometry and Flow for Combined Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1476
1475
1474
1473
1472
1471
8500
9000
9500
10000
10500
11000
Station (ft)

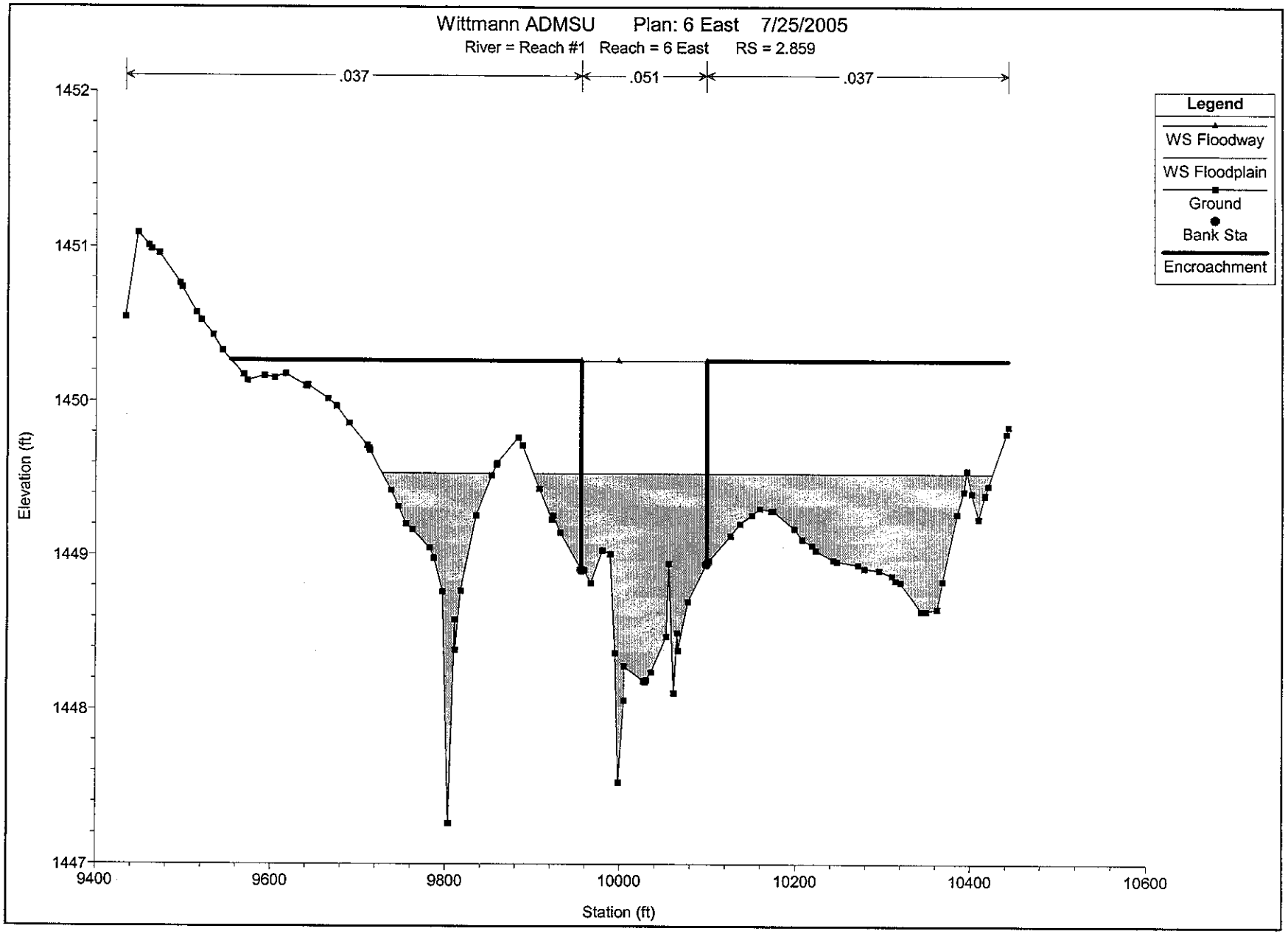

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.305 Geometry and Flow for Combined Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1472
1471
1470
1469
1468
1467
1466
9600
9800
10000
10200
10400
10600
10800
11000
Station (ft)

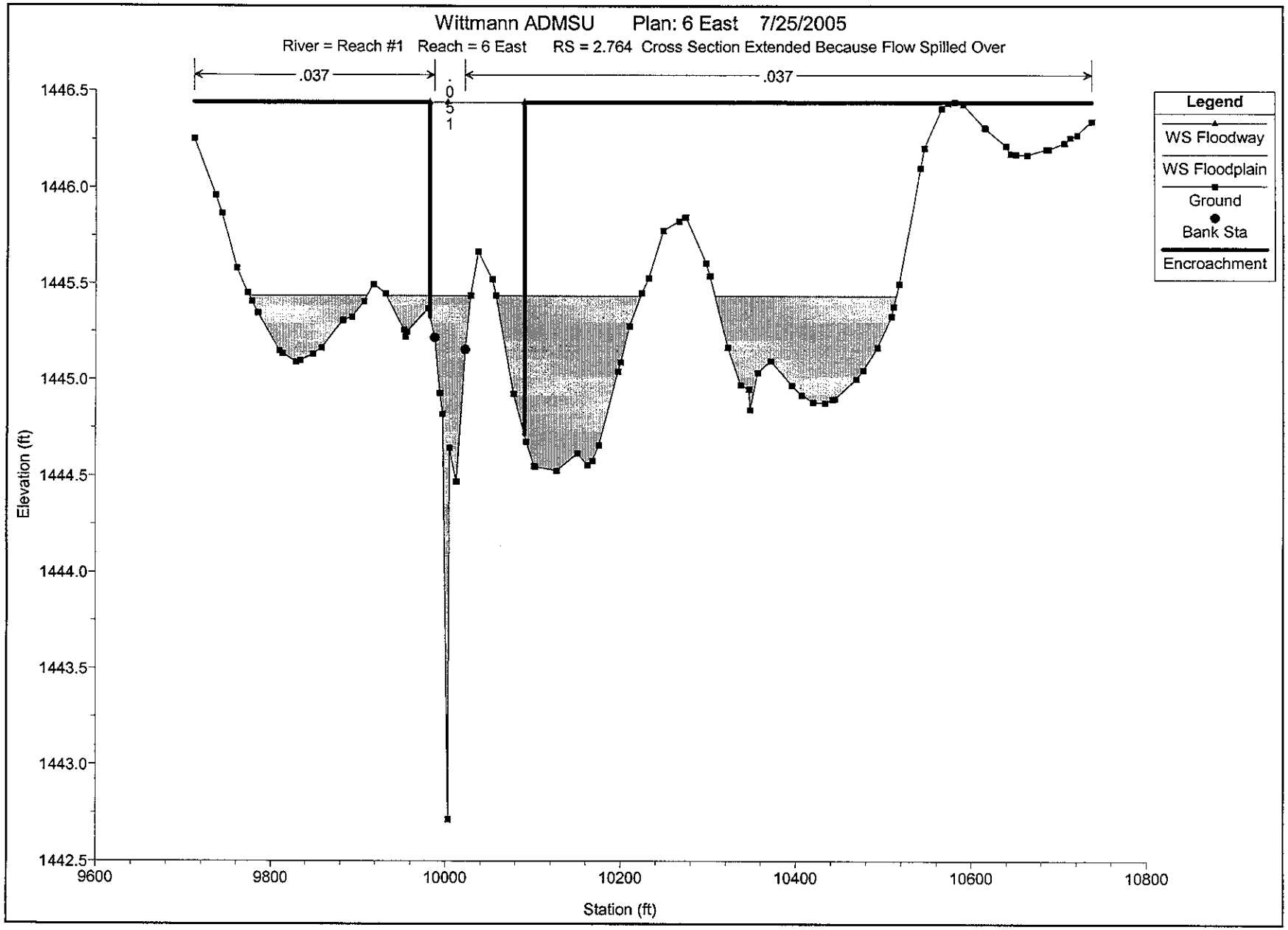

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.213 Geometry and Flow for Combined Washes 5E and 6E
.037
.0501
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1468
1467
1466
1465
1464
1463
1462
1461
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

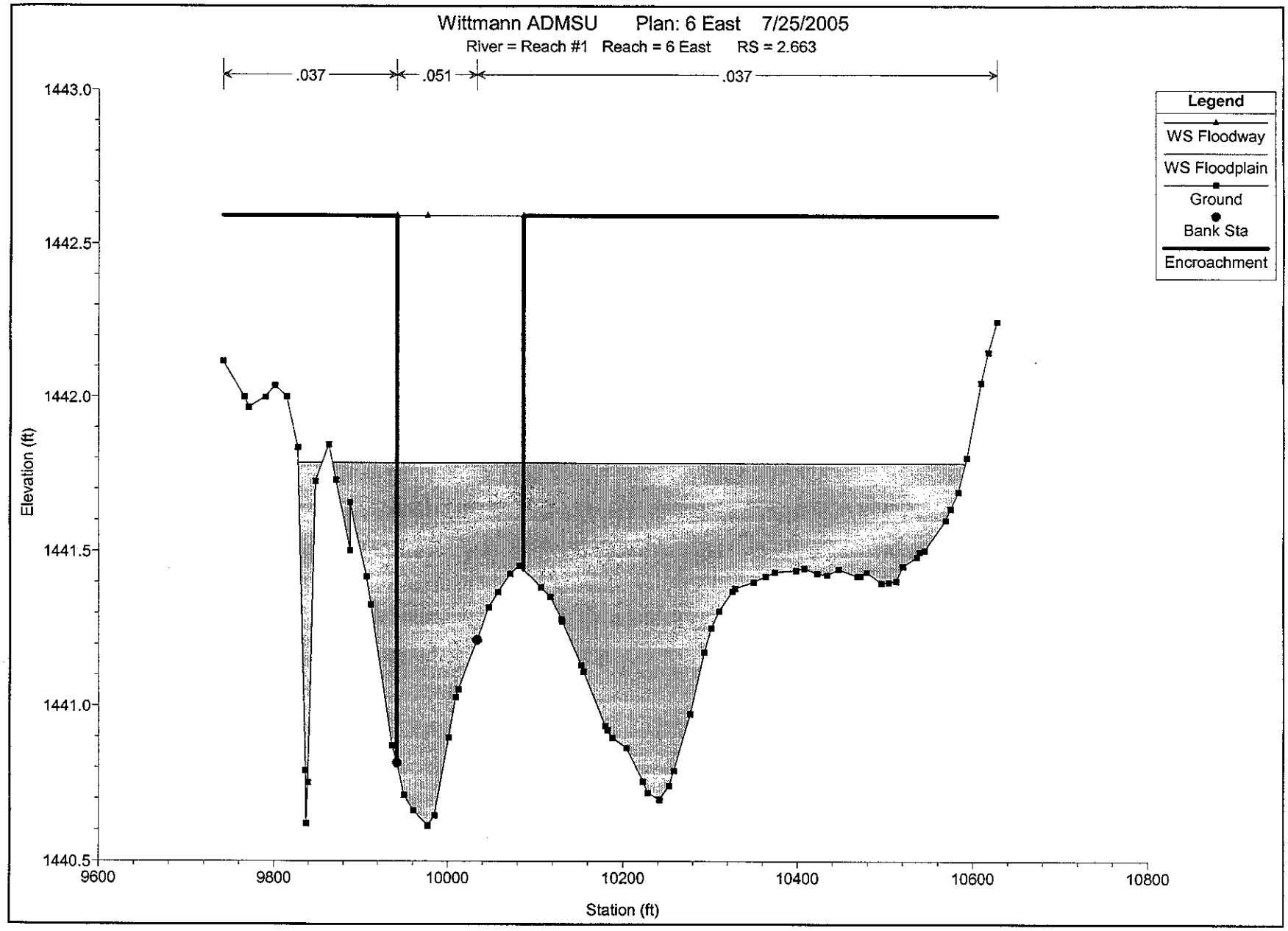

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.131 Geometry and Flow for Combined Washes 5E and 6E
.037
.051
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1464
1463
1462
1461
1460
1459
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

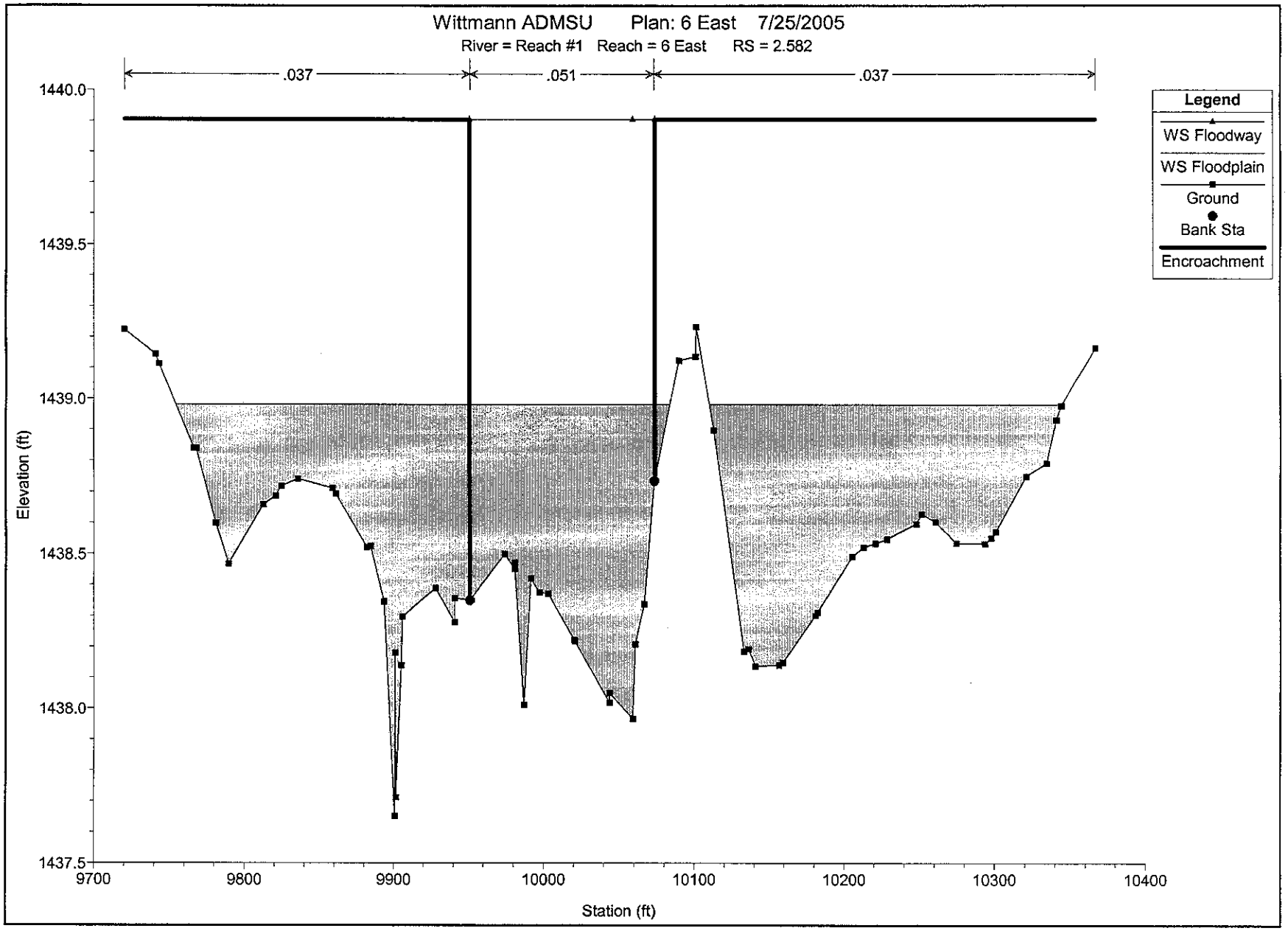

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 3.032 Geometry and Flow for Combined Washes 5E and 6E
.037
.051
.037
.051
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1459
1458
1457
1456
1455
1454
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

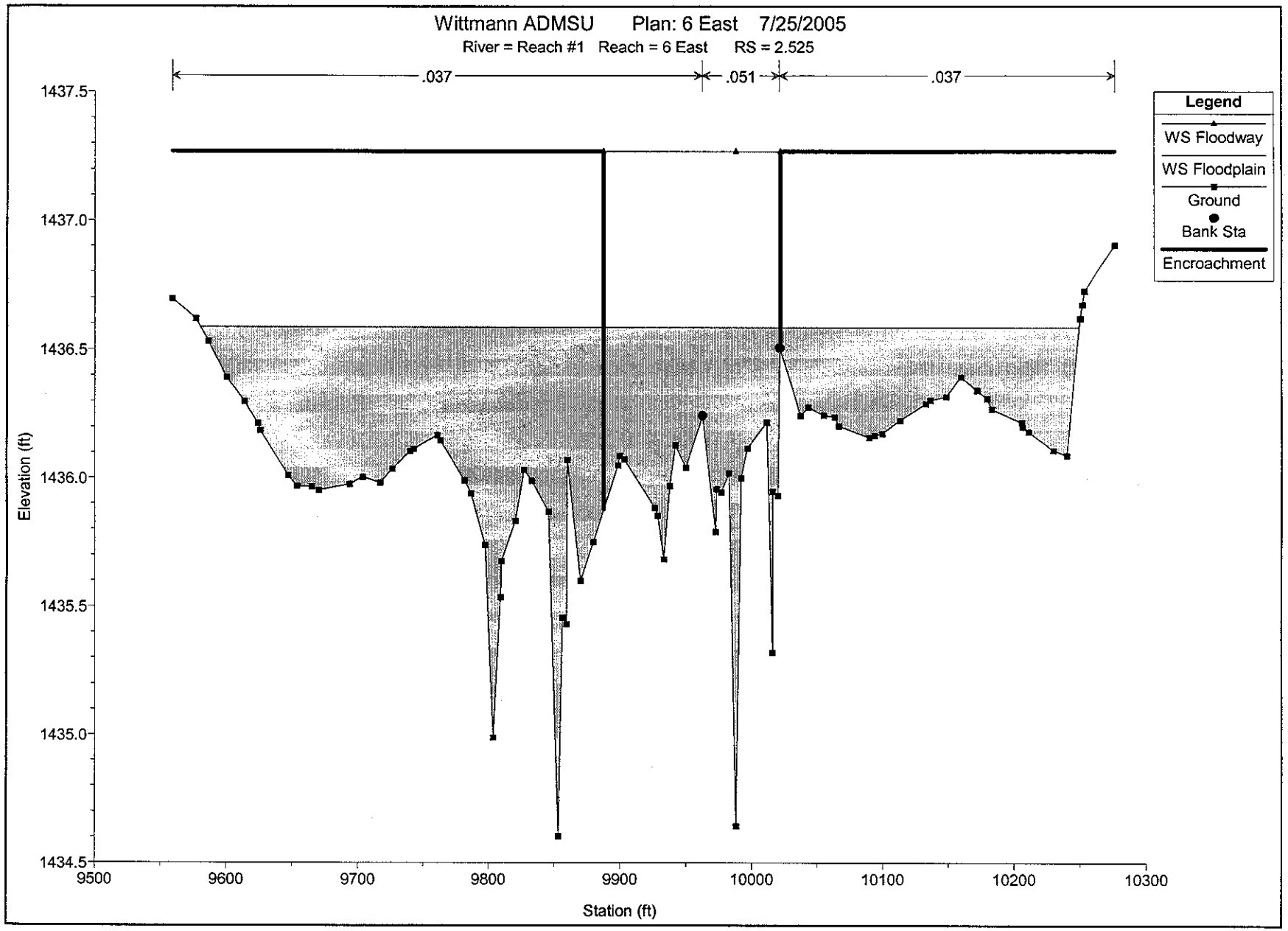

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.941 Geometry and Flow for Combined Washes 5E and 6E
.037
.051
.037
.051
.034
.05
.031
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1455.0
1454.5
1454.0
1453.5
1453.0
1452.5
1452.0
1451.5
1451.0
9400
9600
9800
10000
10200
10400
10600
10800
11000
11200
Station (ft)

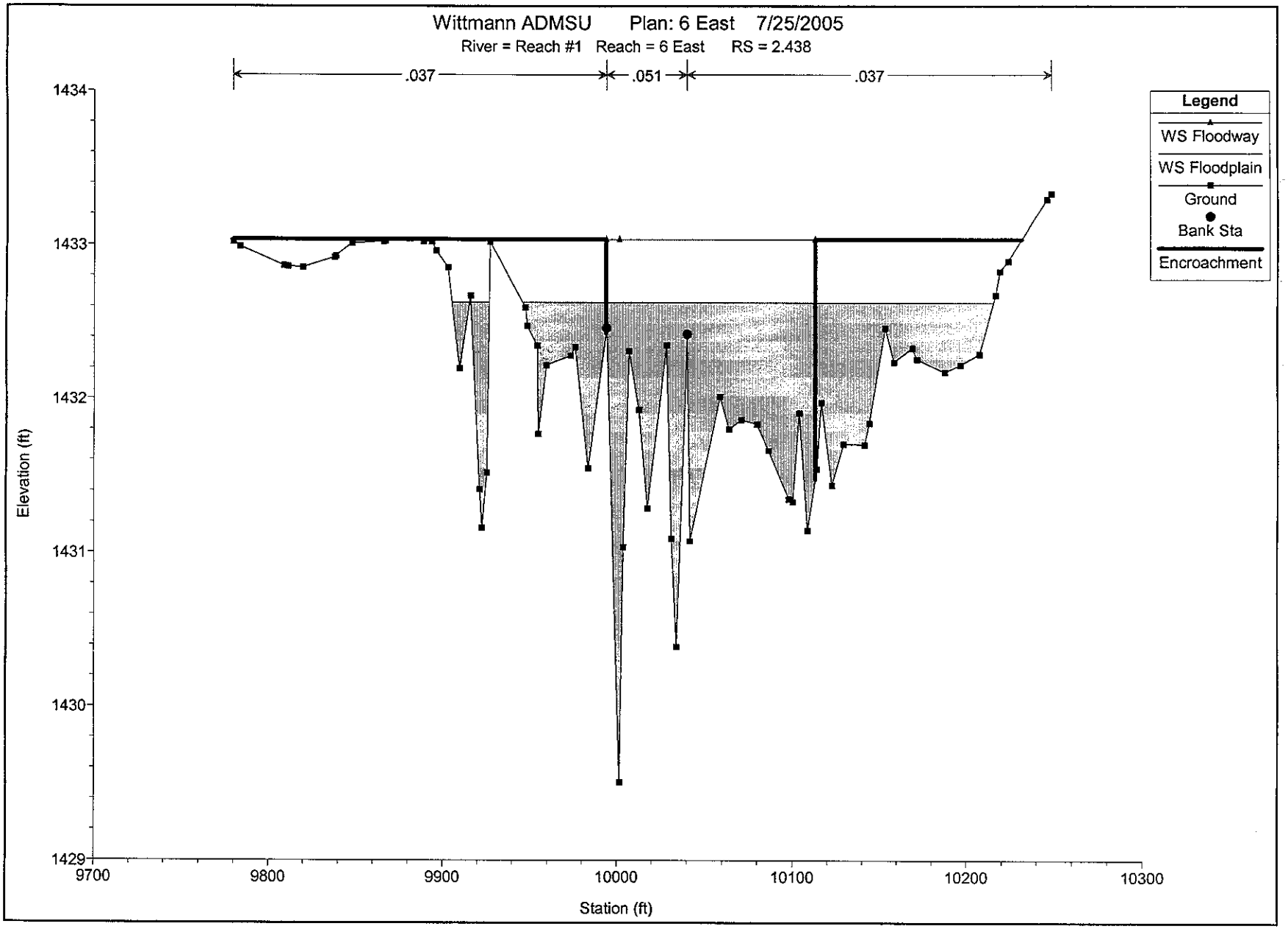

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.859
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1452
1451
1450
1449
1448
1447
9400
9600
9800
10000
10200
10400
10600
Station (ft)

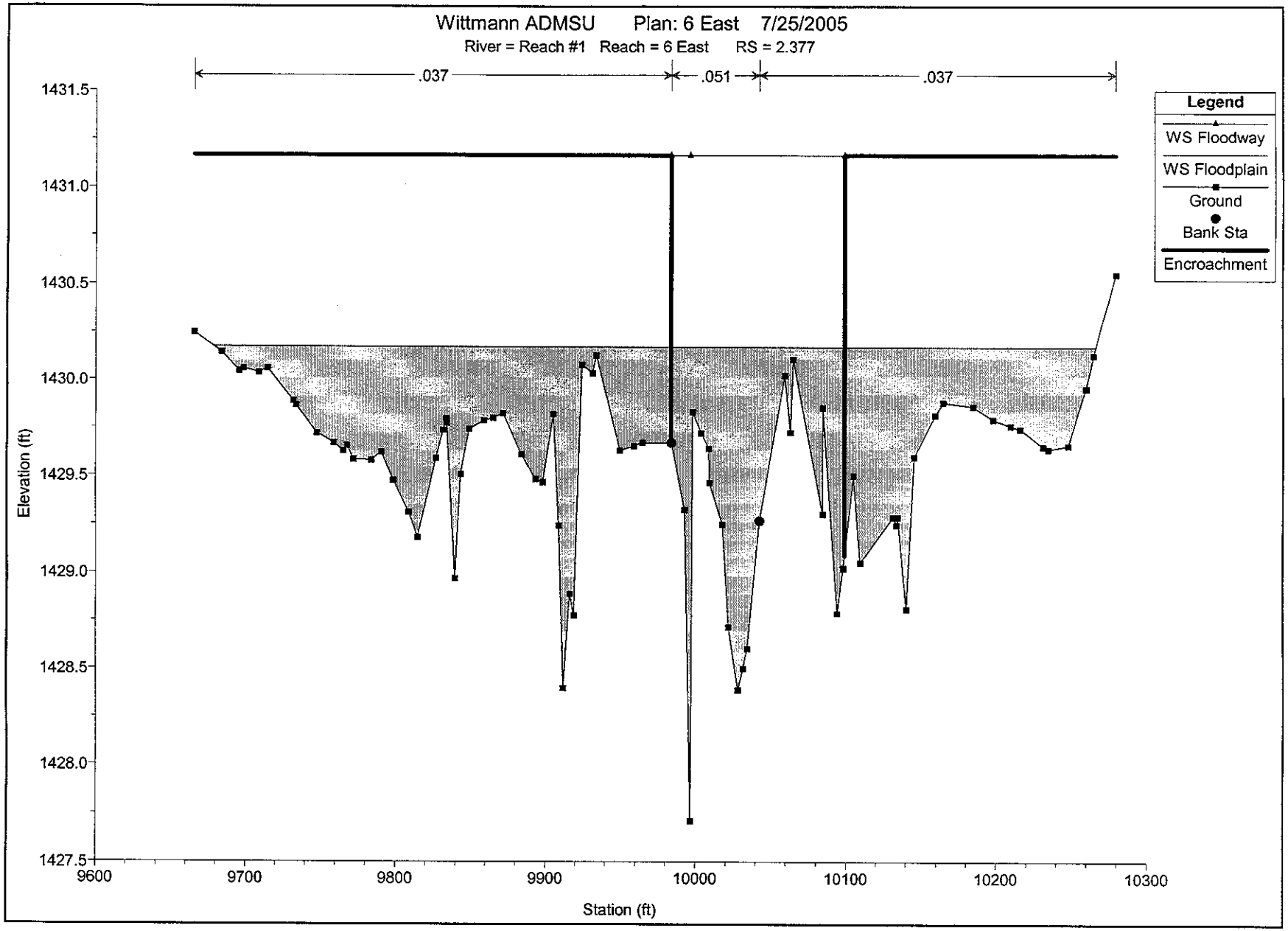

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.764 Cross Section Extended Because Flow Spilled Over
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1446.5
1446.0
1445.5
1445.0
1444.5
1444.0
1443.5
1443.0
1442.5
9600
9800
10000
10200
10400
10600
10800
Station (ft)

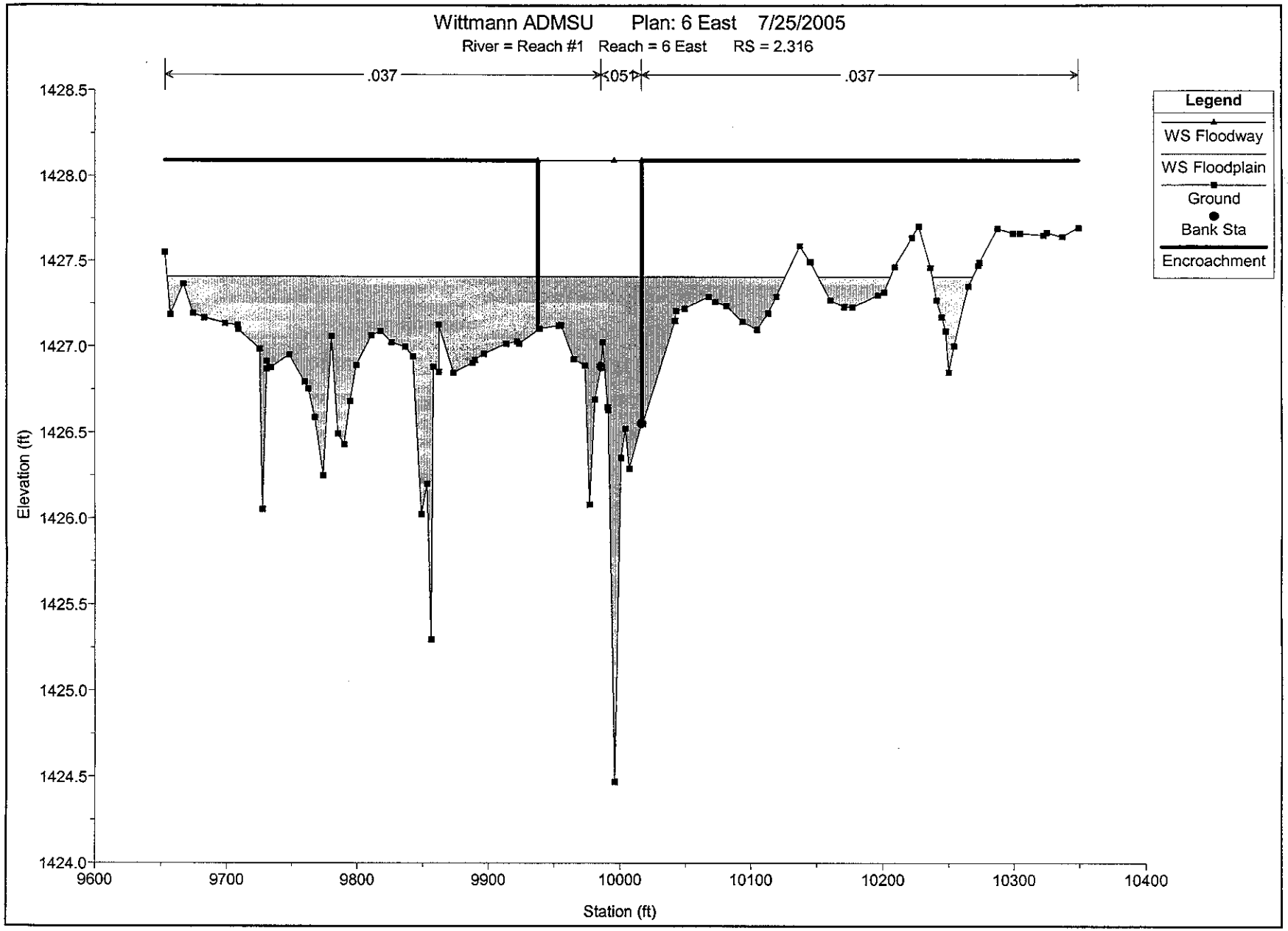

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.663
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1443.0
1442.5
1442.0
1441.5
1441.0
1440.5
9600
9800
10000
10200
10400
10600
10800
Station (ft)

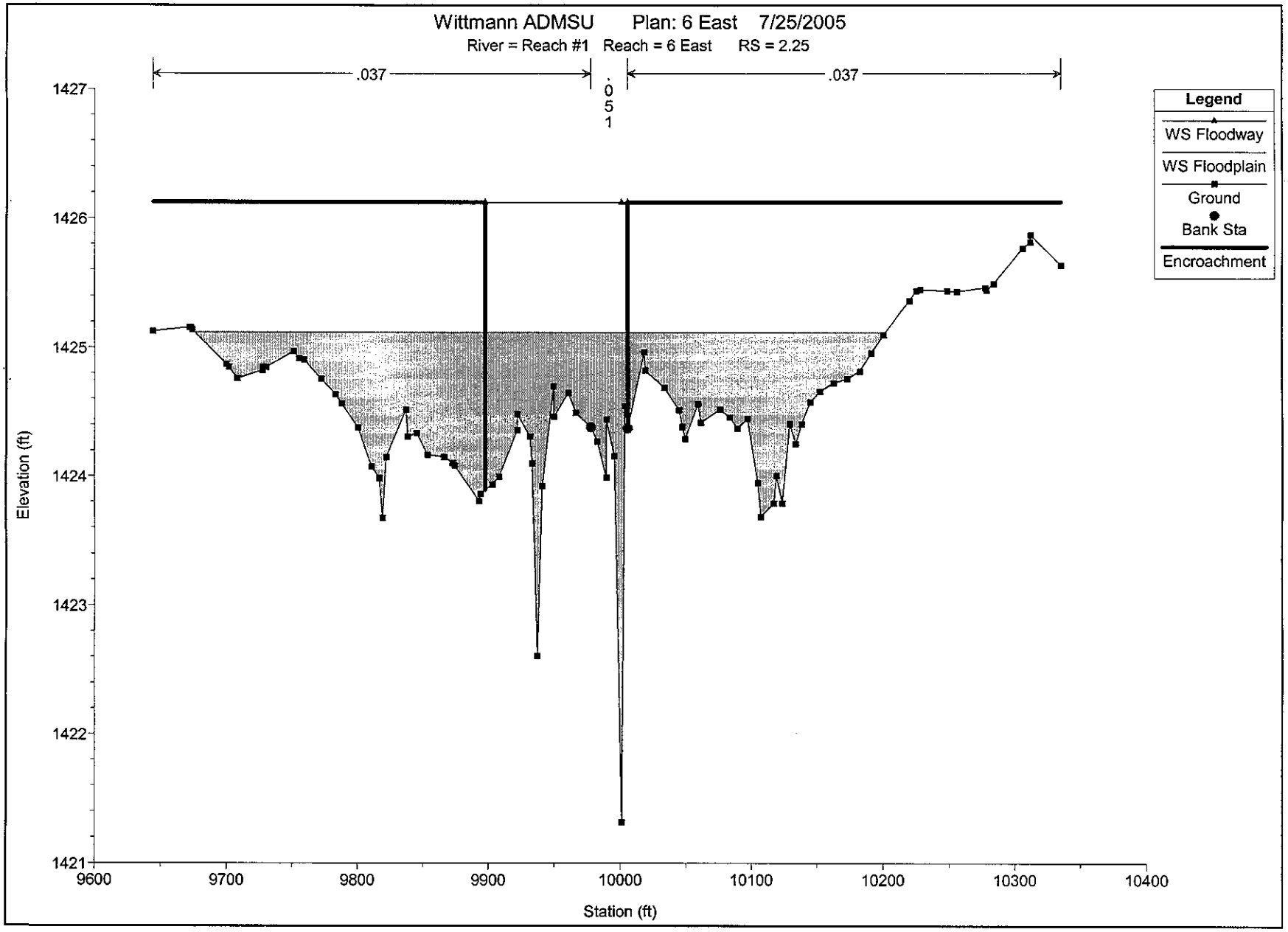

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.582
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1440.0
1439.5
1439.0
1438.5
1438.0
1437.5
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

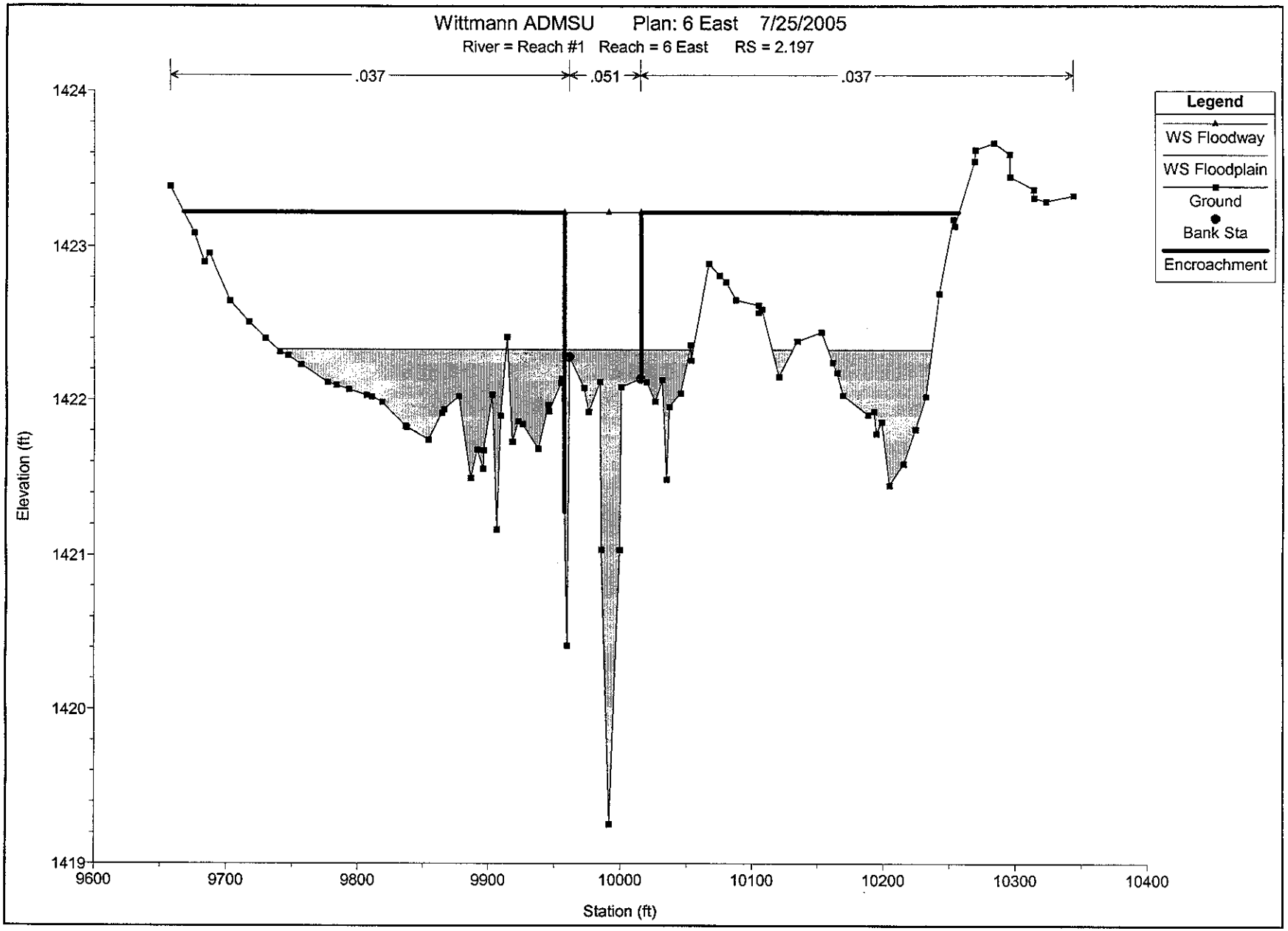

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.525
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1437.5
1437.0
1436.5
1436.0
1435.5
1435.0
1434.5
9500
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

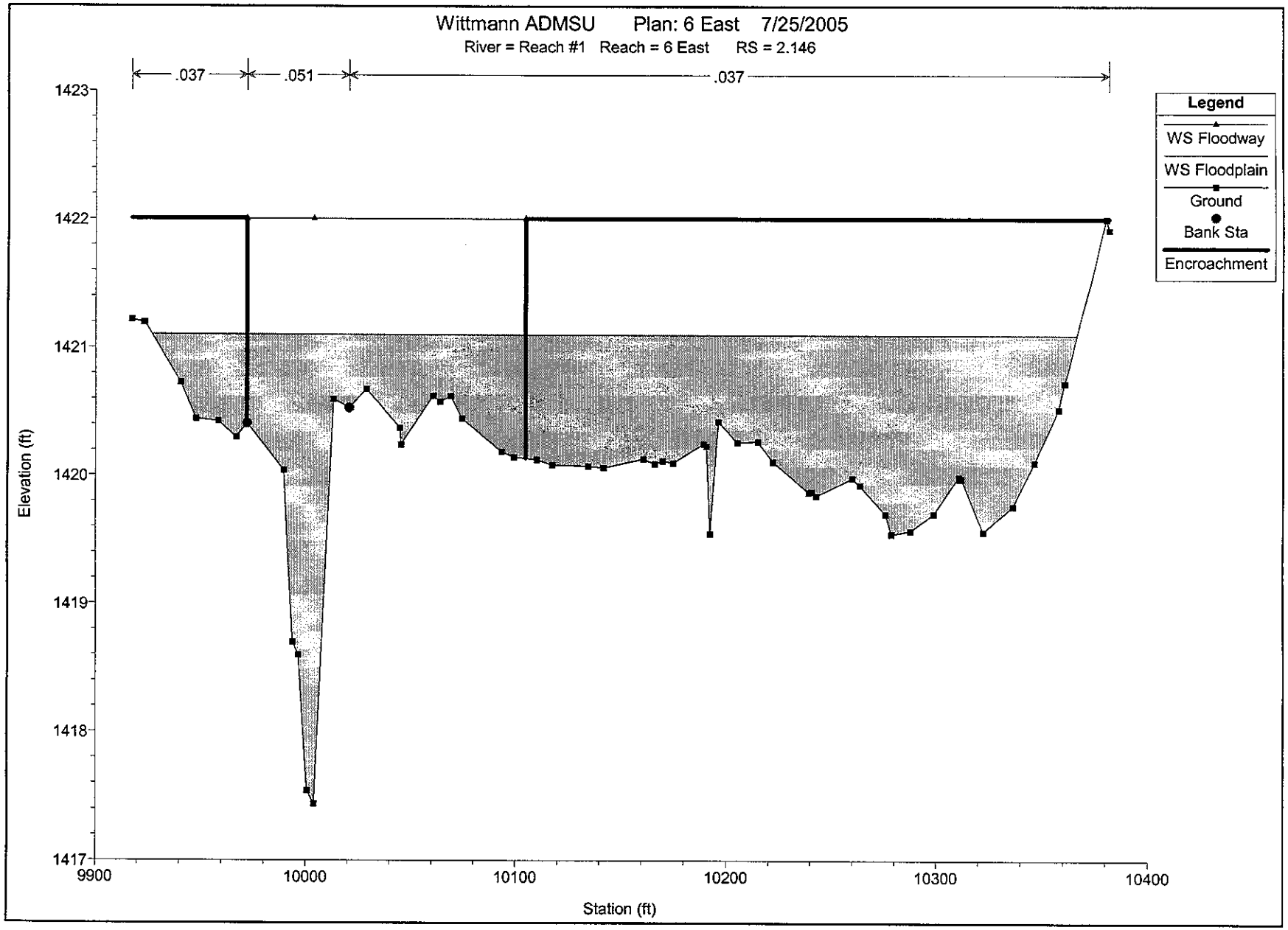

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.438
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1434
1433
1432
1431
1430
1429
9700
9800
9900
10000
10100
10200
10300
Station (ft)

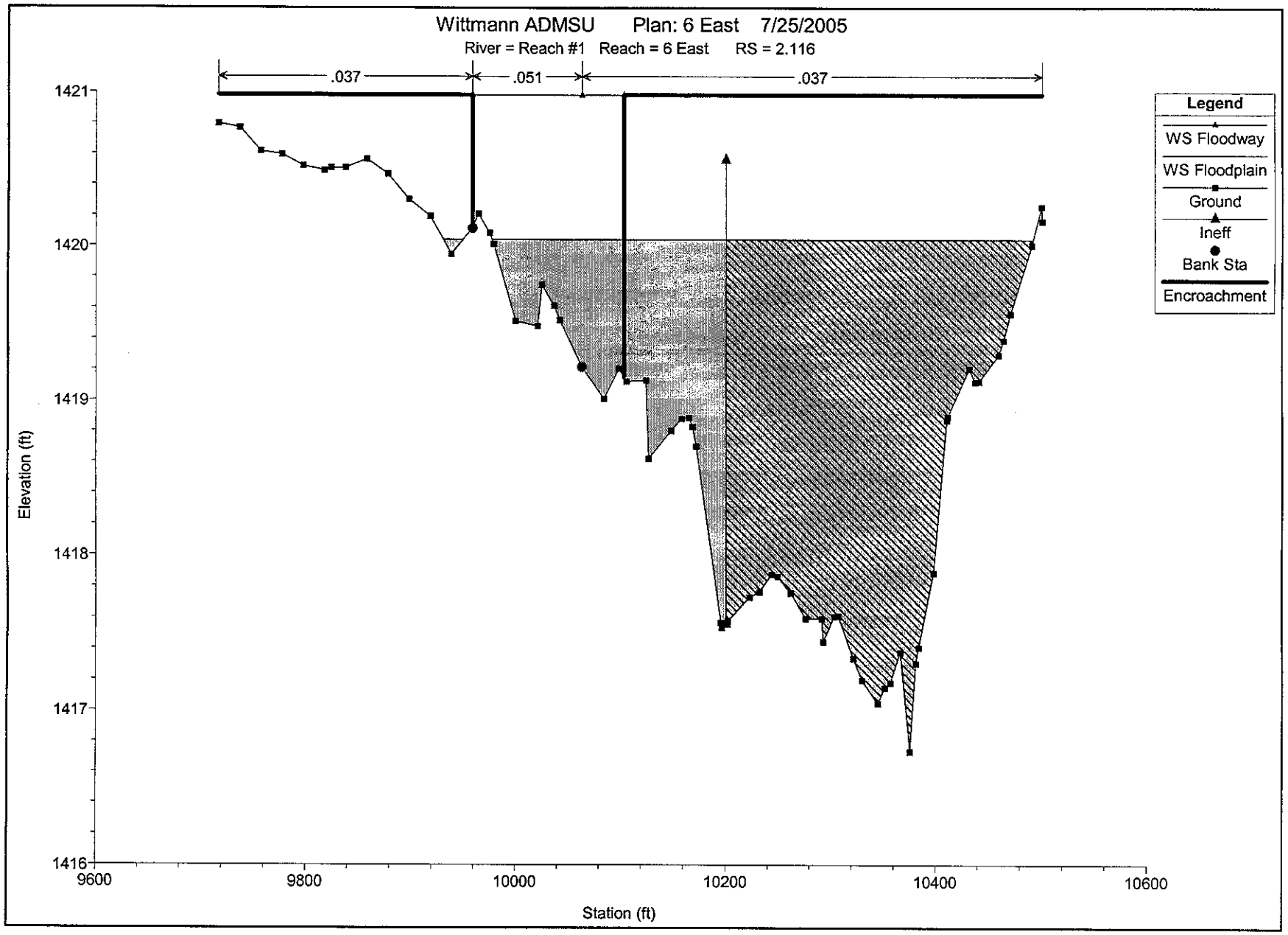

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.377
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1431.5
1431.0
1430.5
1430.0
1429.5
1429.0
1428.5
1428.0
1427.5
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

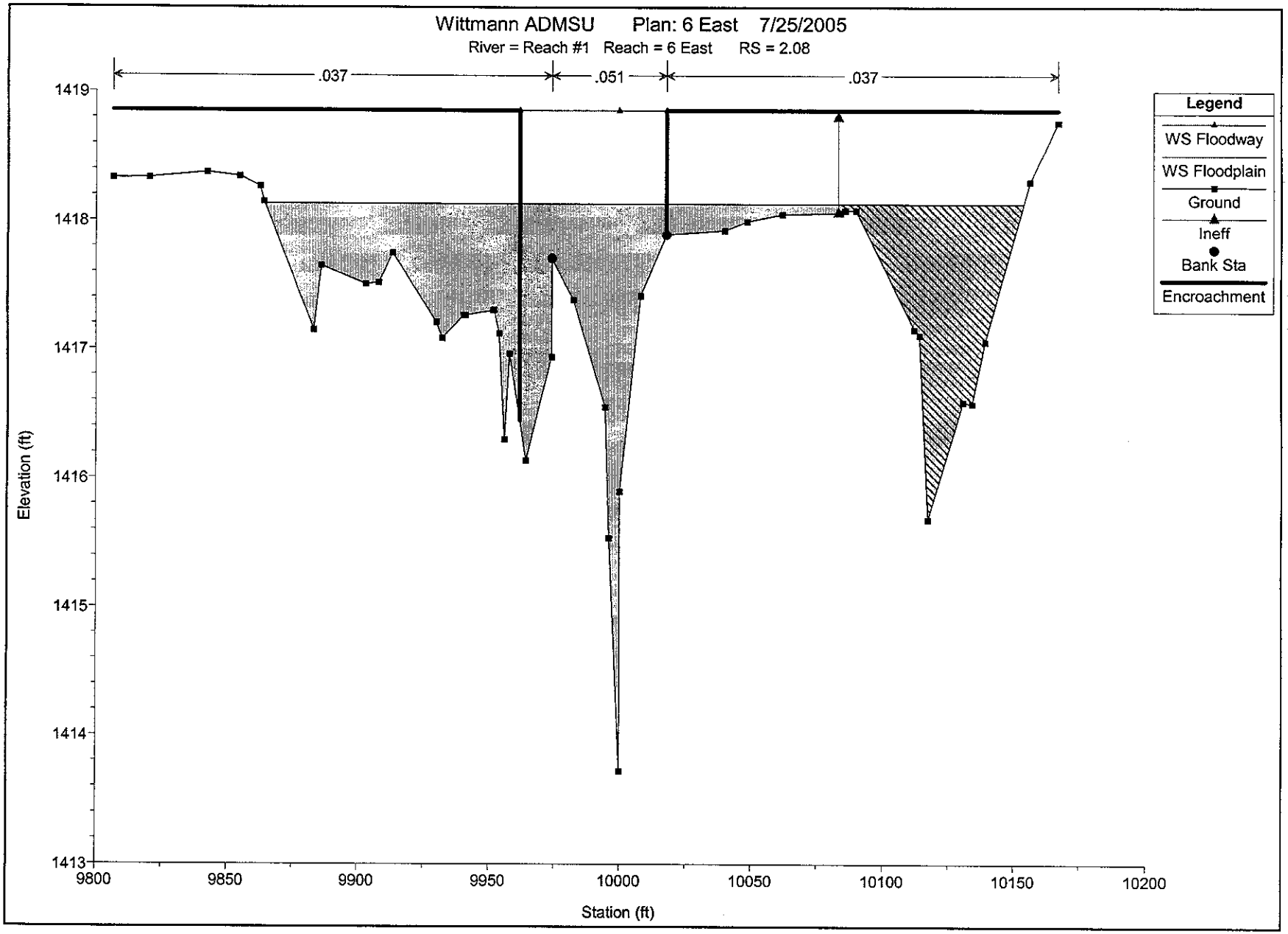

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.316
.037
.05
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1428.5
1428.0
1427.5
1427.0
1426.5
1426.0
1425.5
1425.0
1424.5
1424.0
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

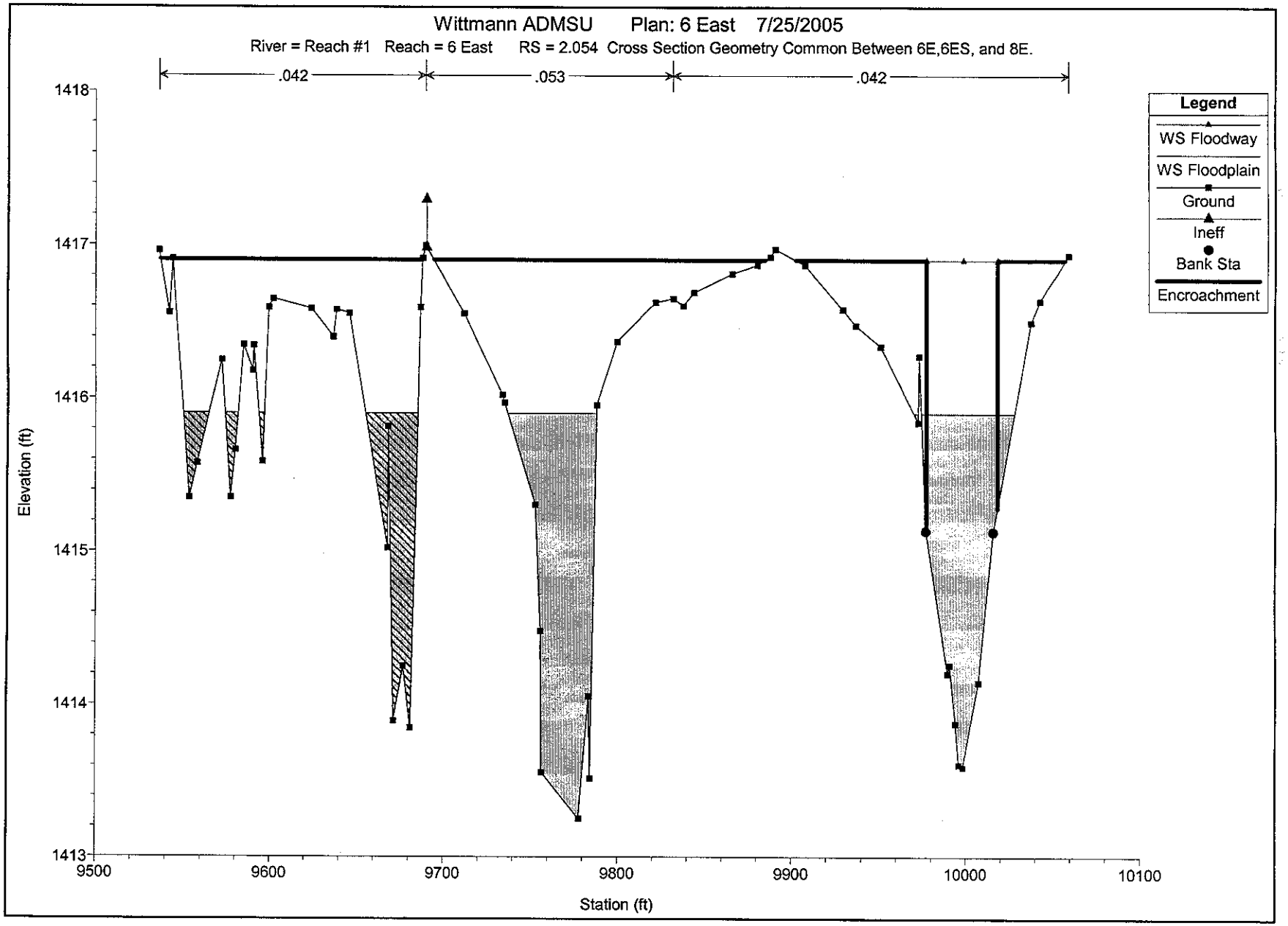

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.25
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1427
1426
1425
1424
1423
1422
1421
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

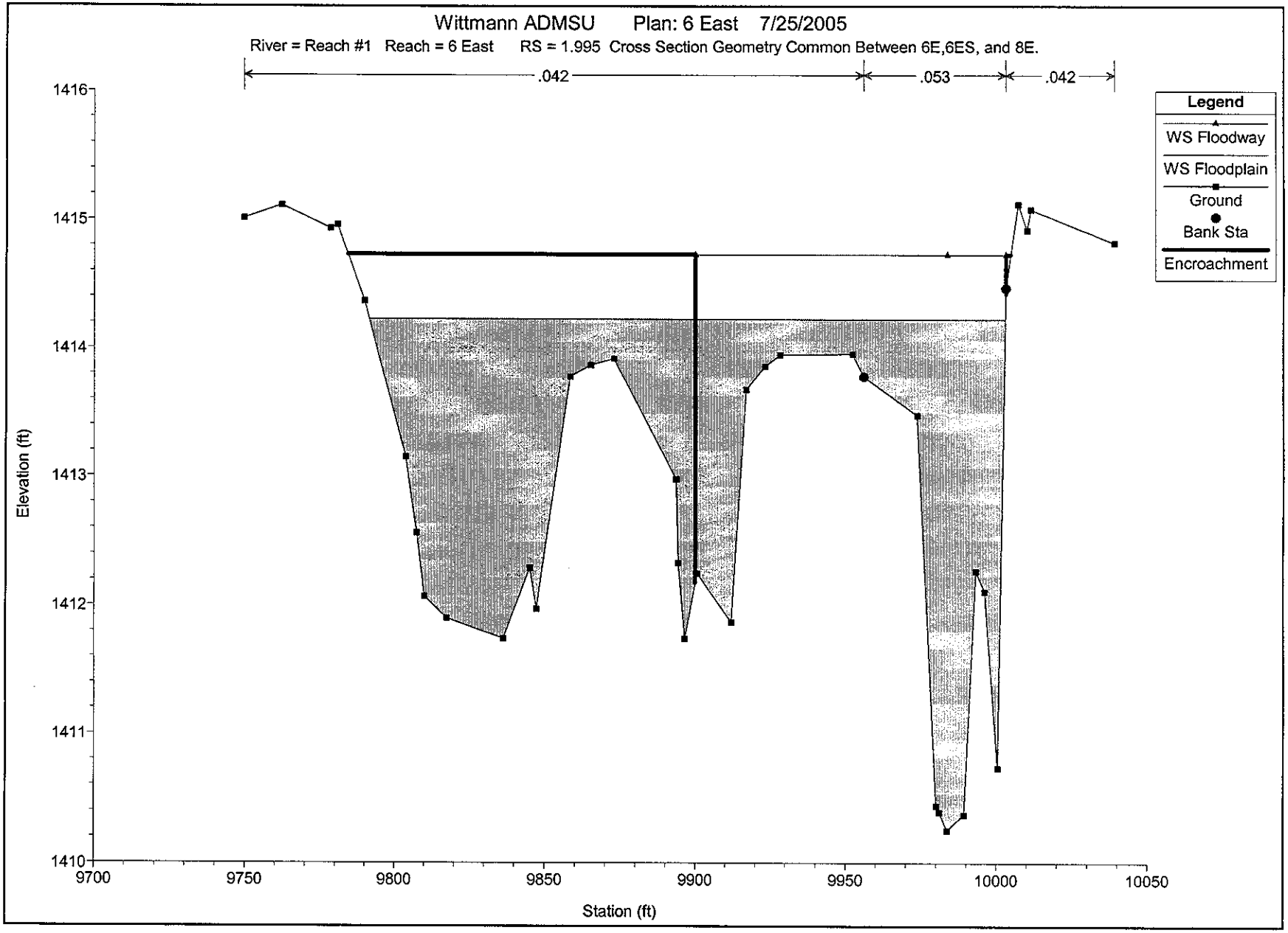

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.197
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1424
1423
1422
1421
1420
1419
9600
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

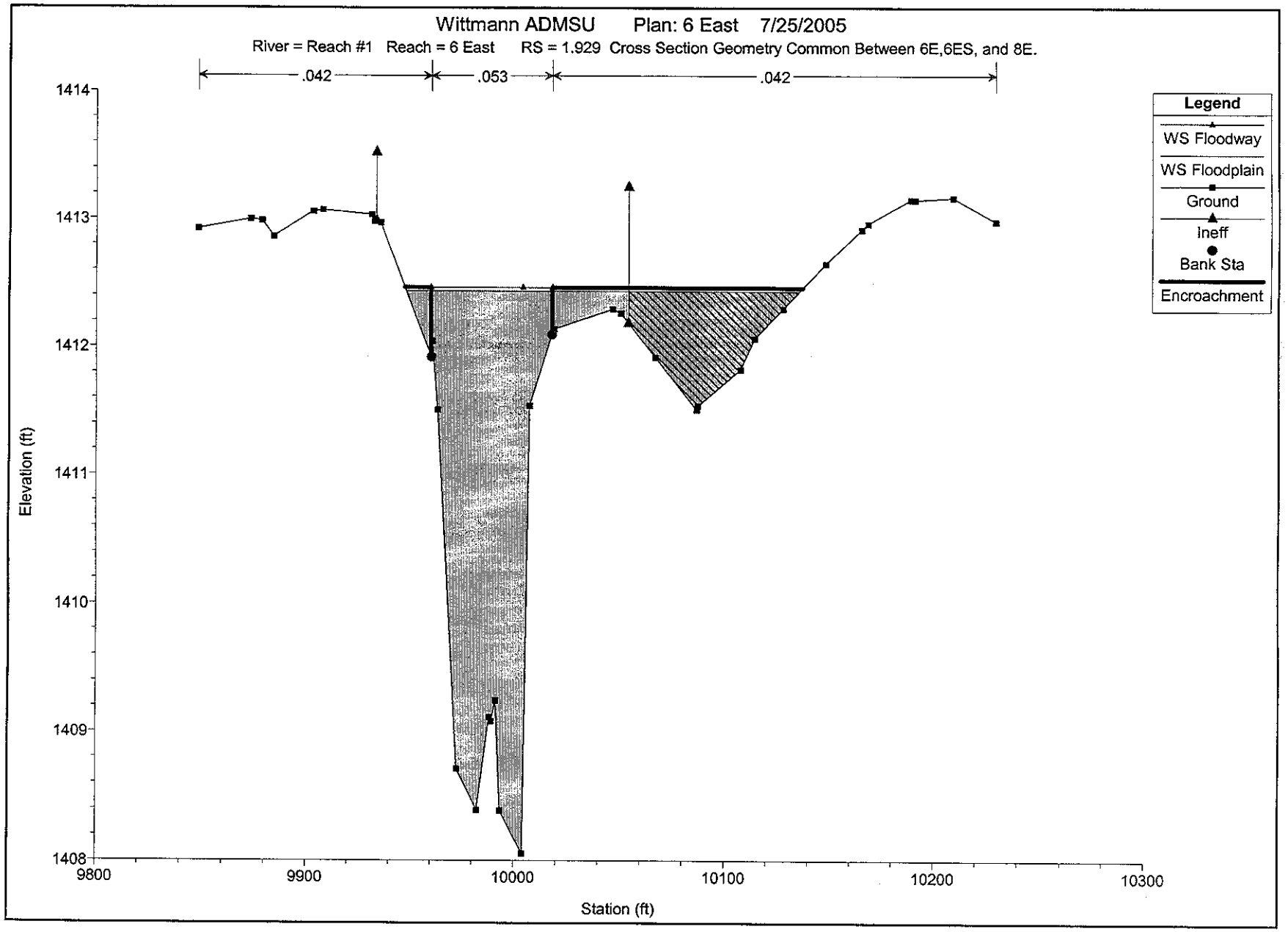

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.146
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1423
1422
1421
1420
1419
1418
1417
9900
10000
10100
10200
10300
10400
Station (ft)


Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.116
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1421
1420
1419
1418
1417
1416
9600
9800
10000
10200
10400
10600
Station (ft)

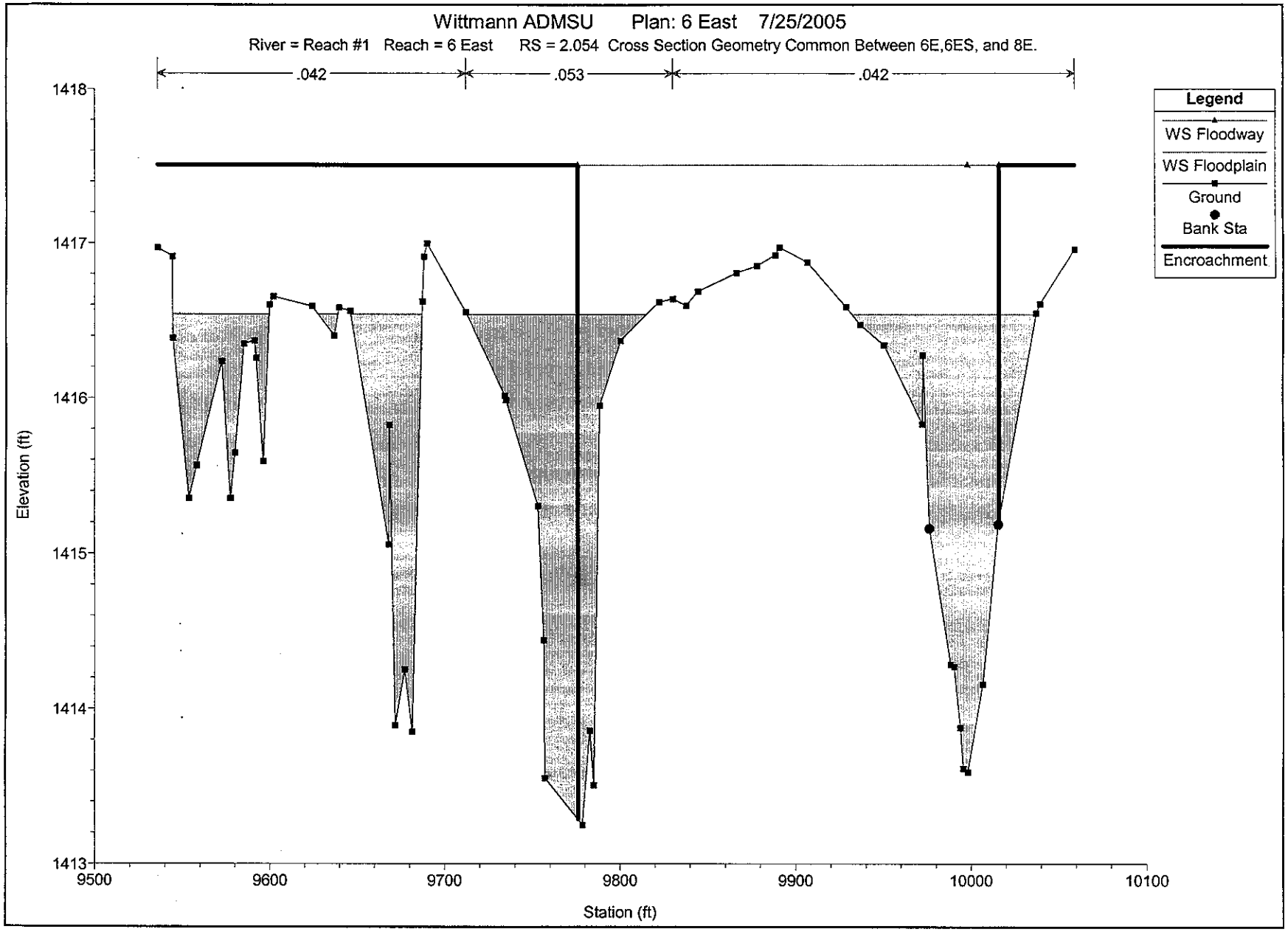

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.08
.037
.051
.037
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1419
1418
1417
1416
1415
1414
1413
9800
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

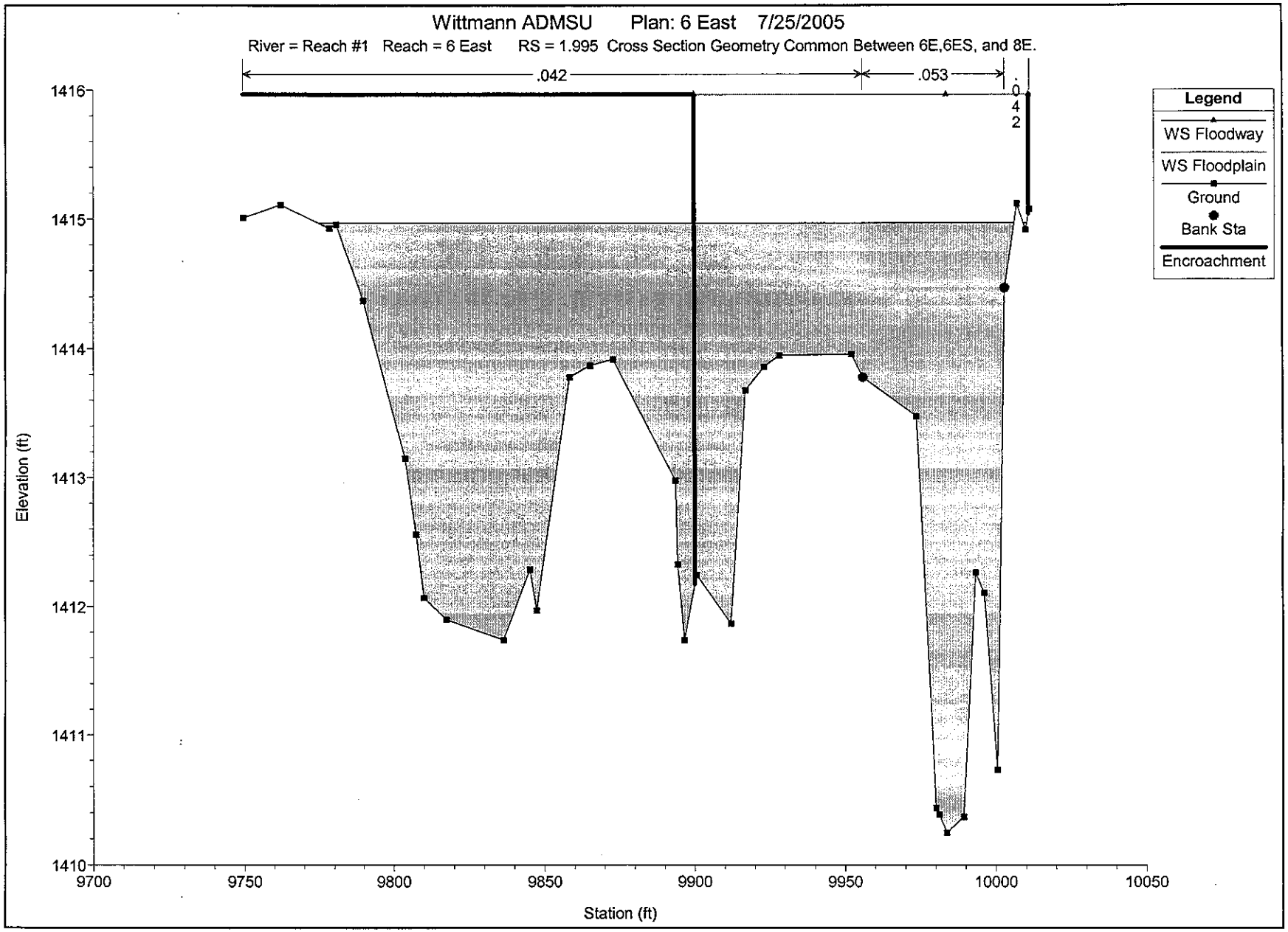

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.054 Cross Section Geometry Common Between 6E,6ES, and 8E.
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1418
1417
1416
1415
1414
1413
9500
9600
9700
9800
9900
10000
10100
Station (ft)

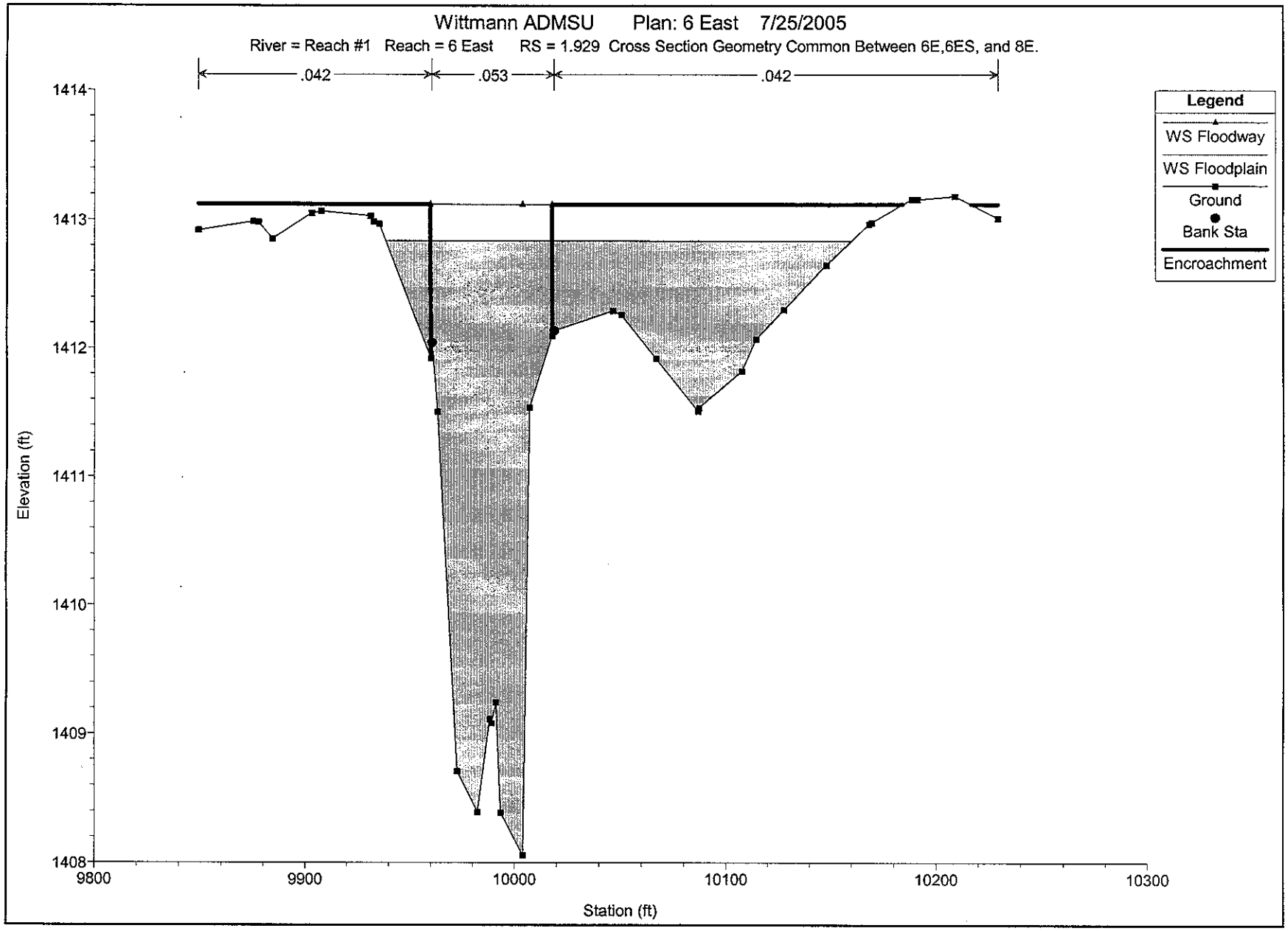

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.995 Cross Section Geometry Common Between 6E,6ES, and 8E.
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1416
1415
1414
1413
1412
1411
1410
9700
9750
9800
9850
9900
9950
10000
10050
Station (ft)

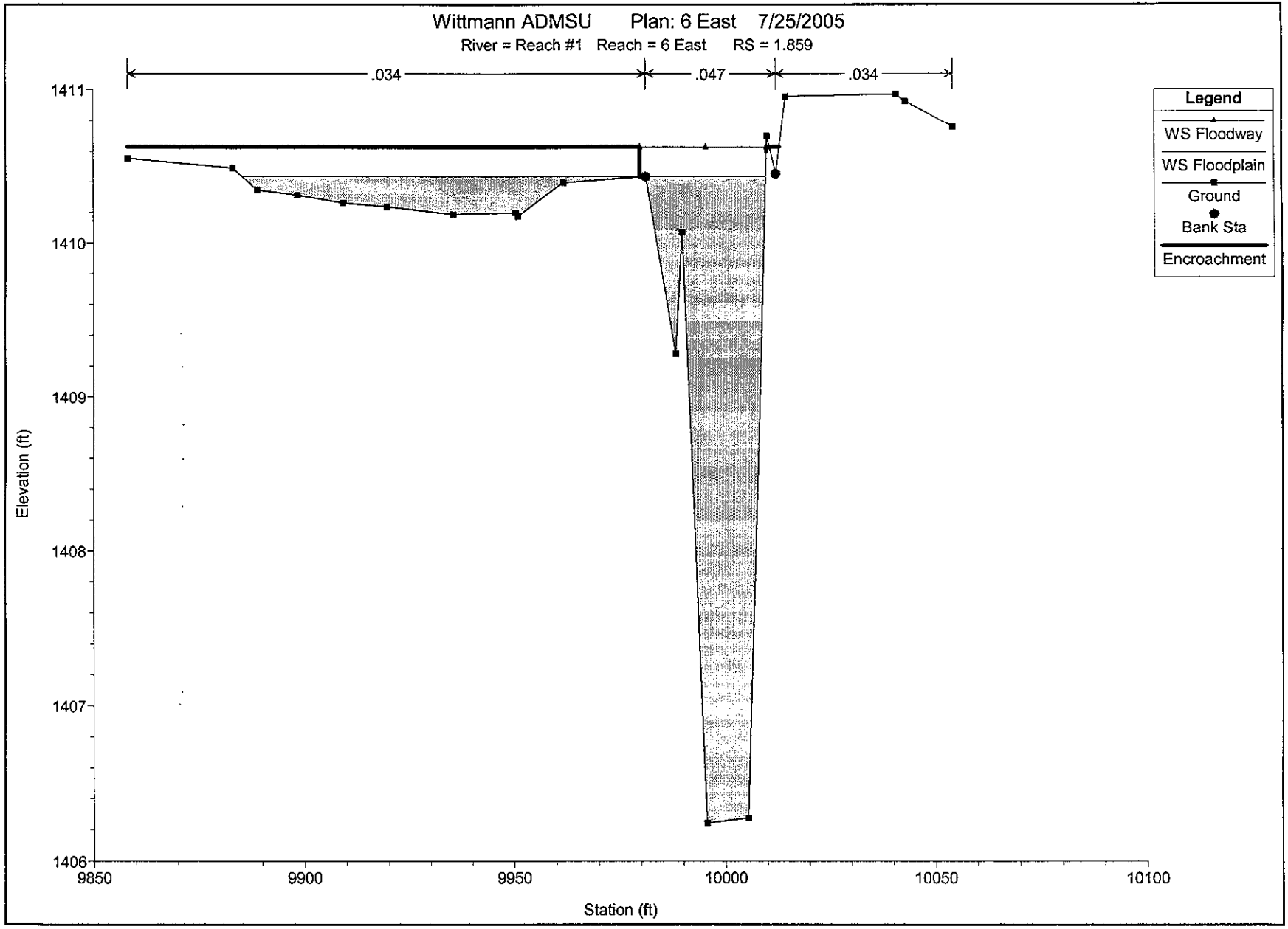

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.929 Cross Section Geometry Common Between 6E,6ES, and 8E.
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1414
1413
1412
1411
1410
1409
1408
9800
9900
10000
10100
10200
10300
Station (ft)

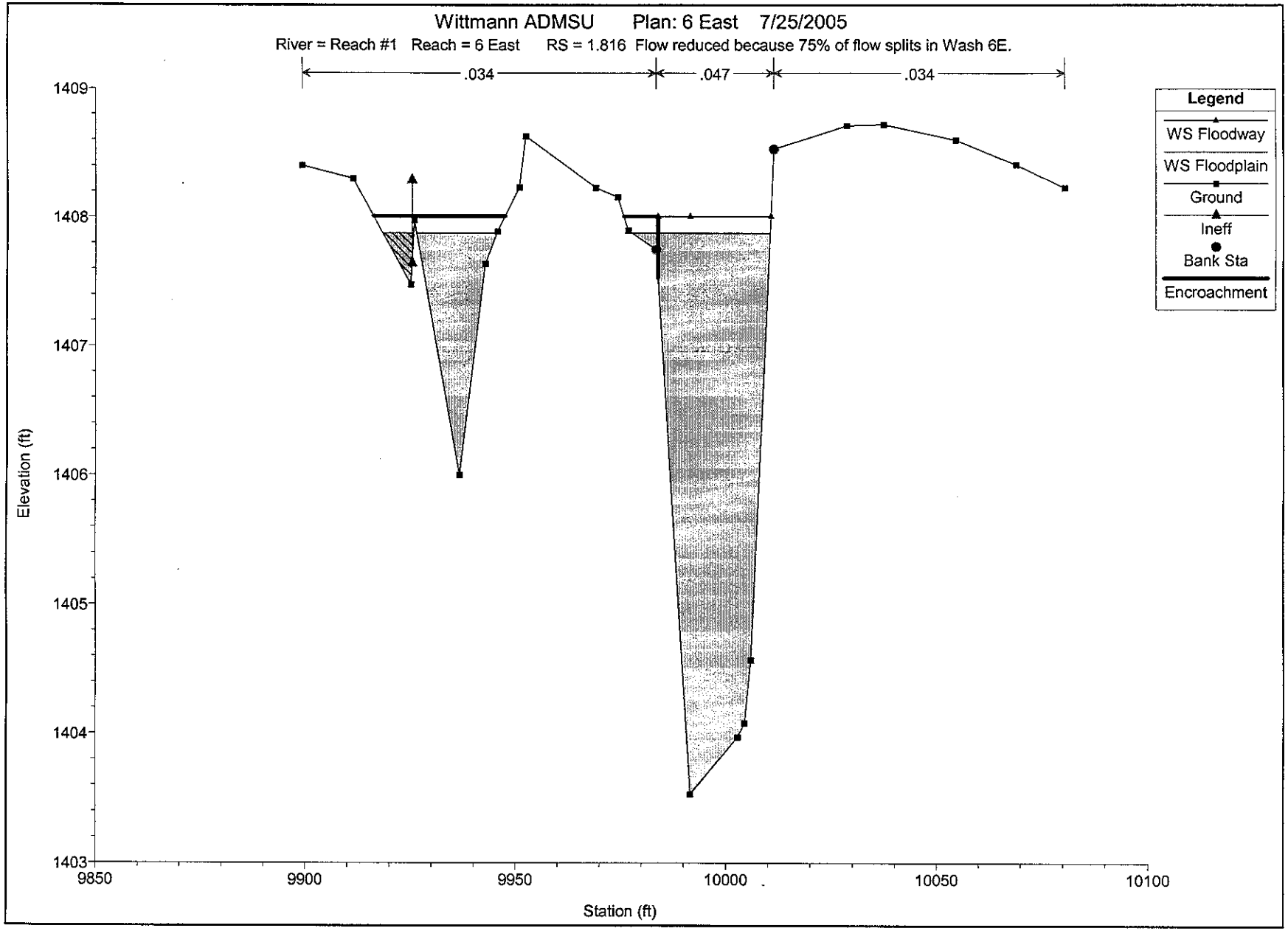
6 EAST SOUTH

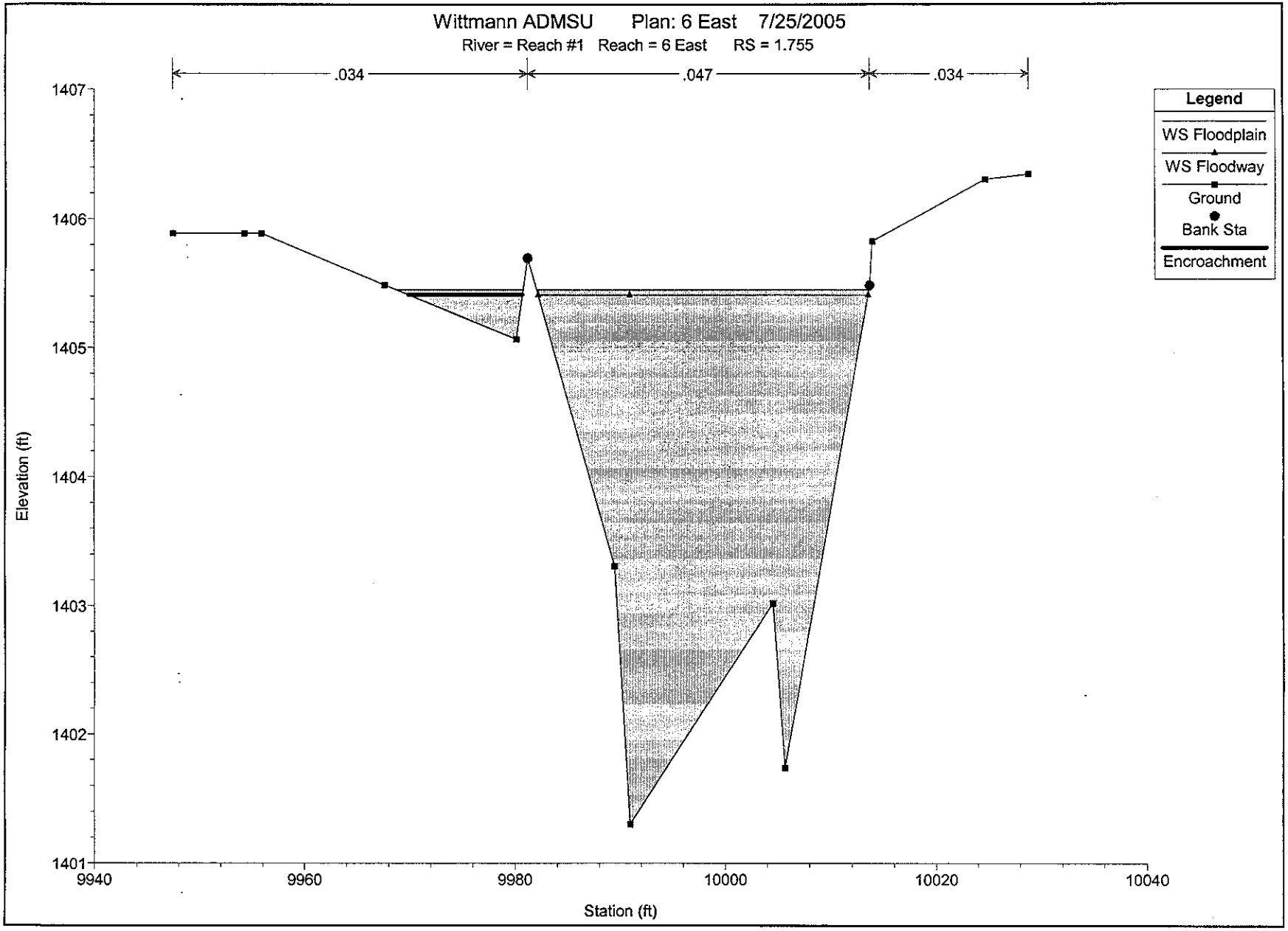

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 2.054 Cross Section Geometry Common Between 6E,6ES, and 8E.
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1418
1417
1416
1415
1414
1413
9500
9600
9700
9800
9900
10000
10100
Station (ft)

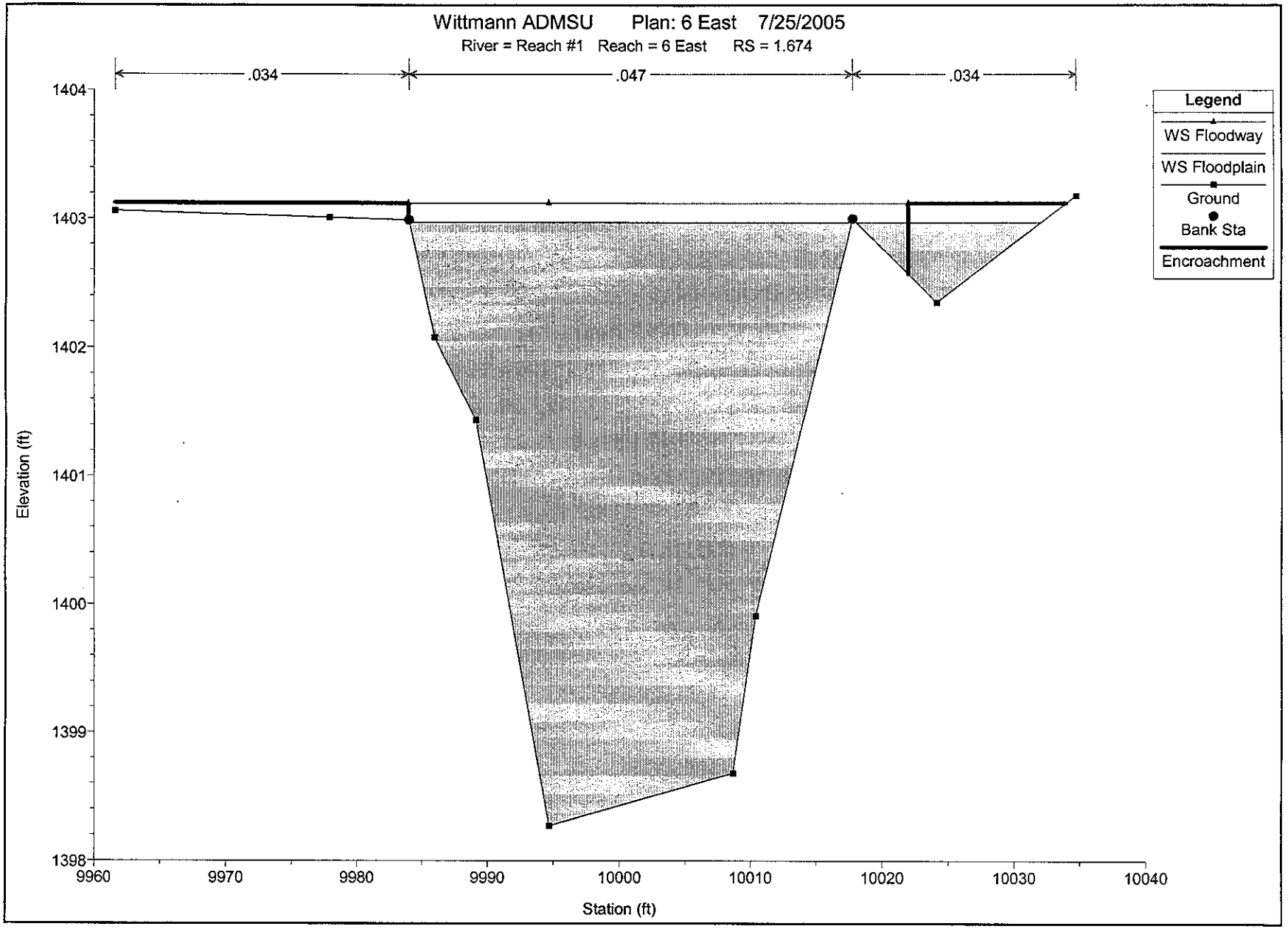

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.995 Cross Section Geometry Common Between 6E,6ES, and 8E.
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1416
1415
1414
1413
1412
1411
1410
9700
9750
9800
9850
9900
9950
10000
10050
Station (ft)

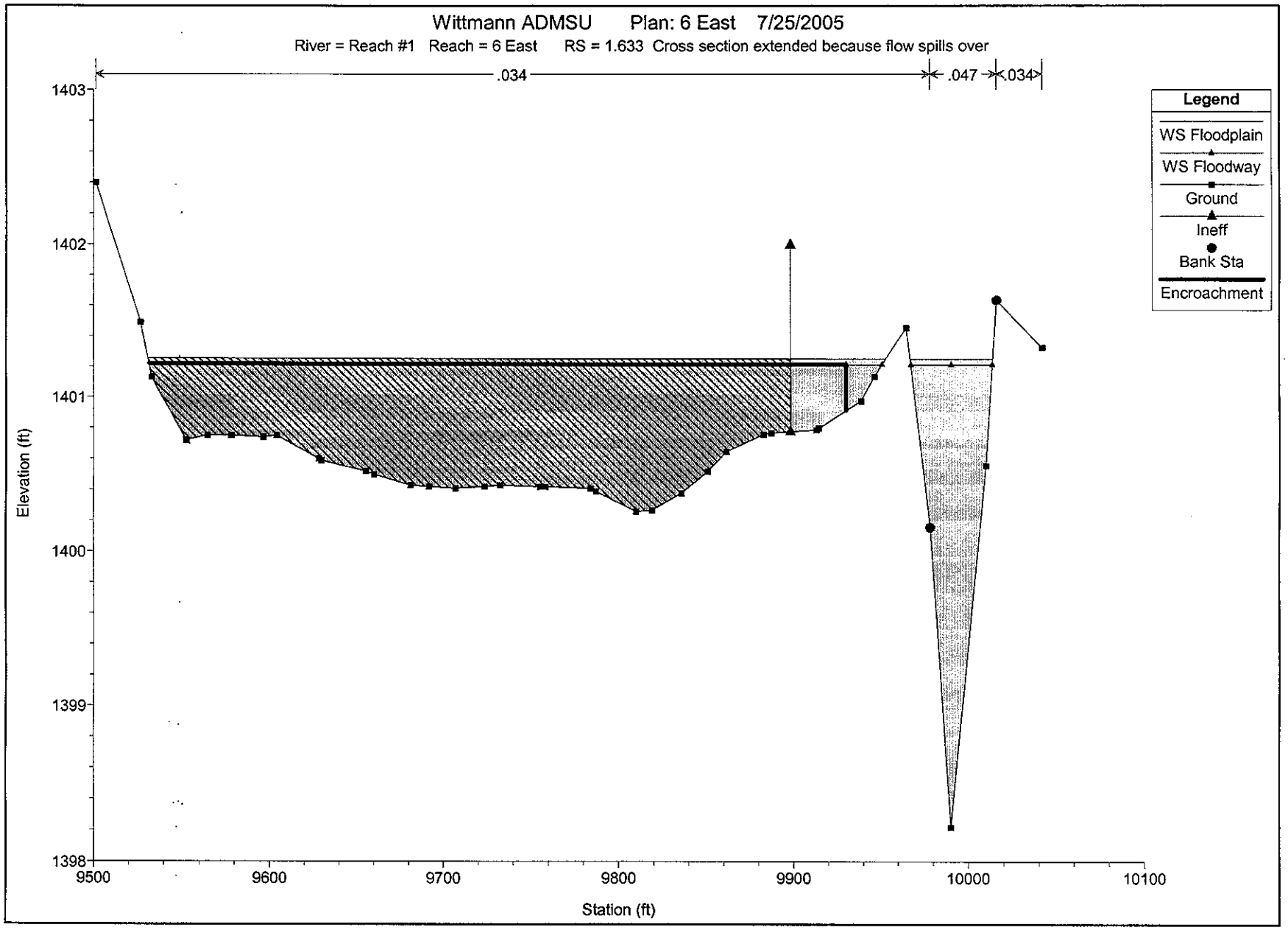

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.929 Cross Section Geometry Common Between 6E,6ES, and 8E.
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1414
1413
1412
1411
1410
1409
1408
9800
9900
10000
10100
10200
10300
Station (ft)

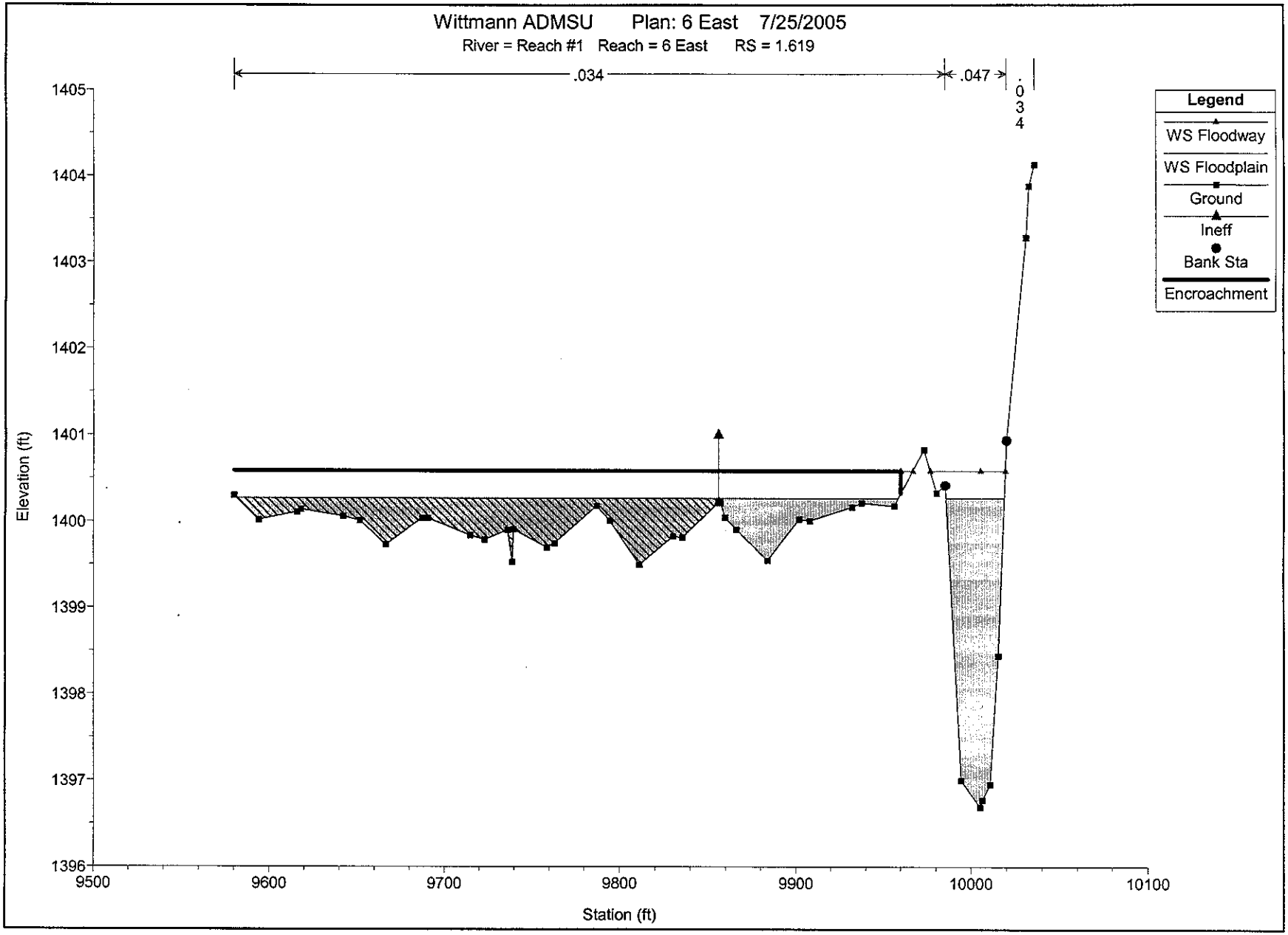

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.859
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1411
1410
1409
1408
1407
1406
9850
9900
9950
10000
10050
10100
Station (ft)

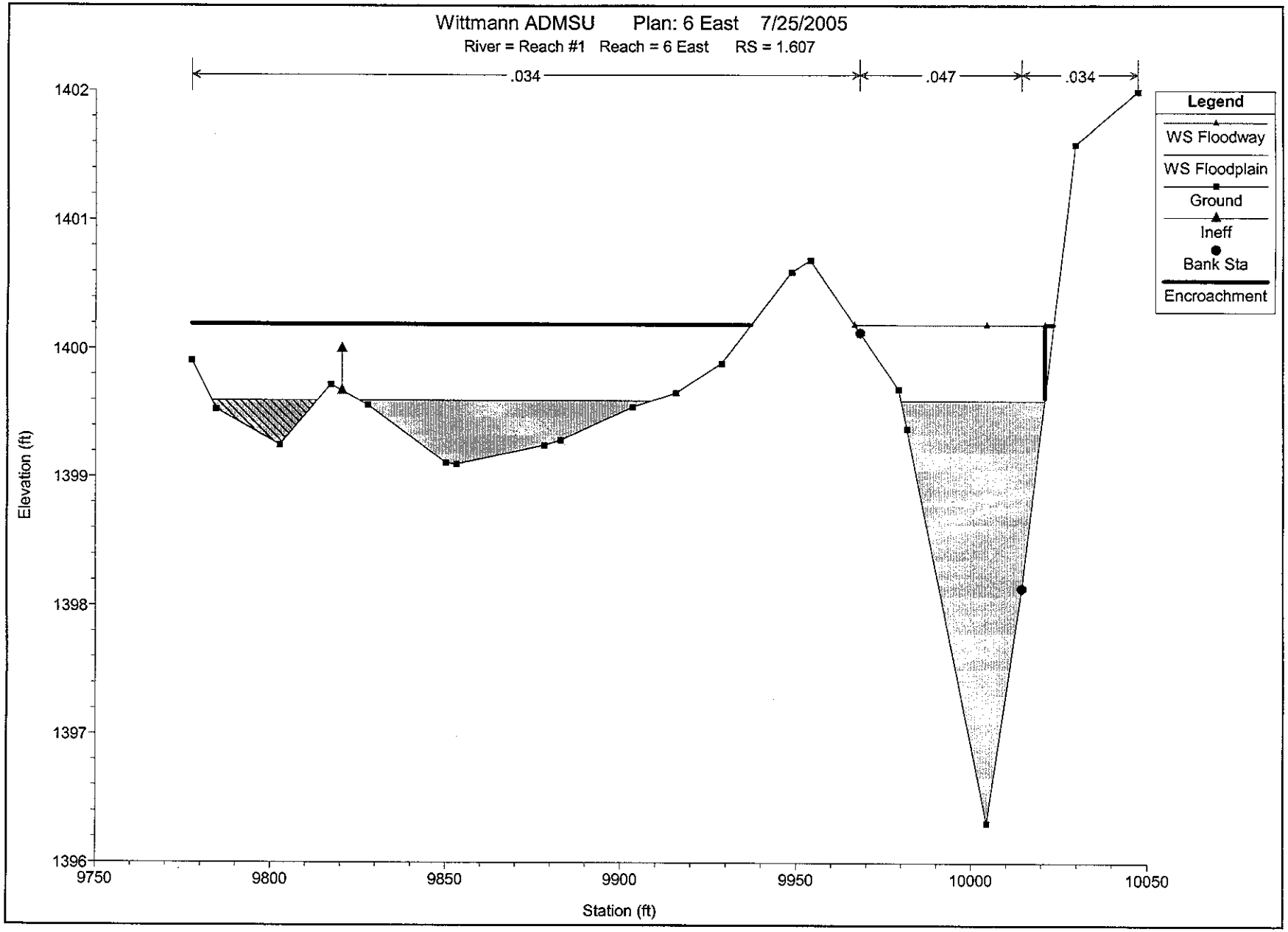

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.816 Flow reduced because 75% of flow splits in Wash 6E.
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1409
1408
1407
1406
1405
1404
1403
9850
9900
9950
10000
10050
10100
Station (ft)

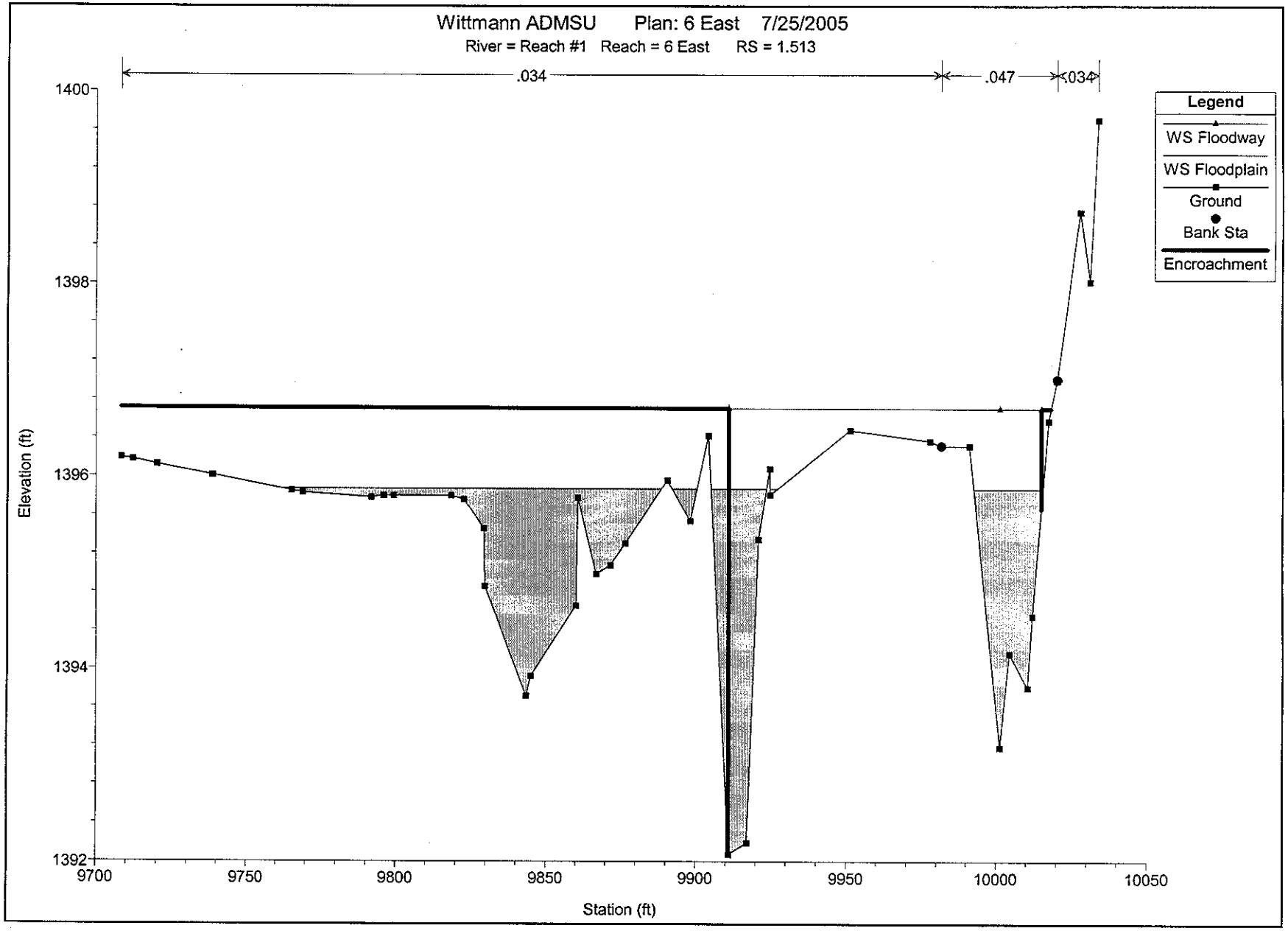

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.755
.034
.047
.034
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1407
1406
1405
1404
1403
1402
1401
9940
9960
9980
10000
10020
10040
Station (ft)

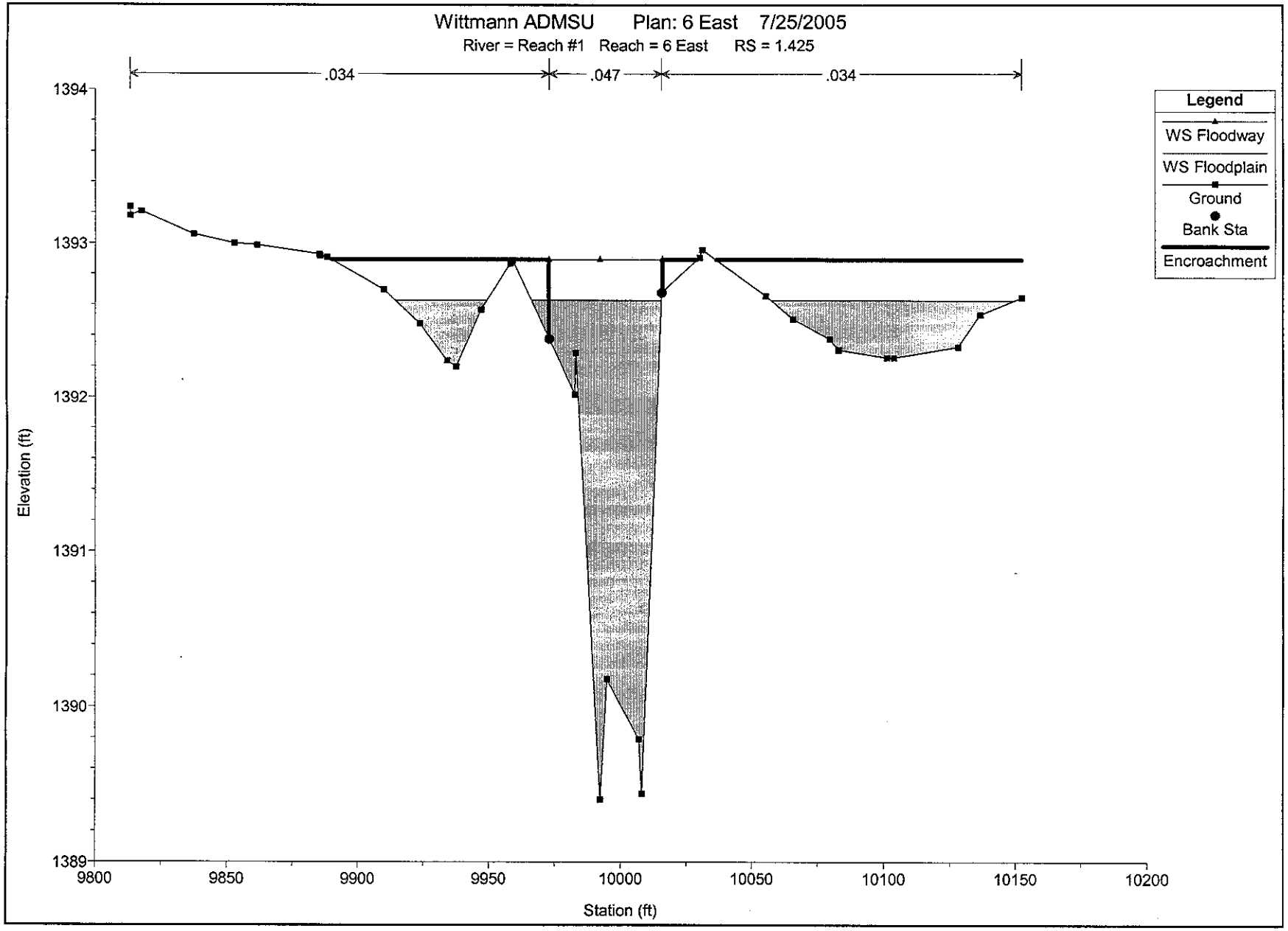

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.674
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1404
1403
1402
1401
1400
1399
1398
9960
9970
9980
9990
10000
10010
10020
10030
10040
Station (ft)

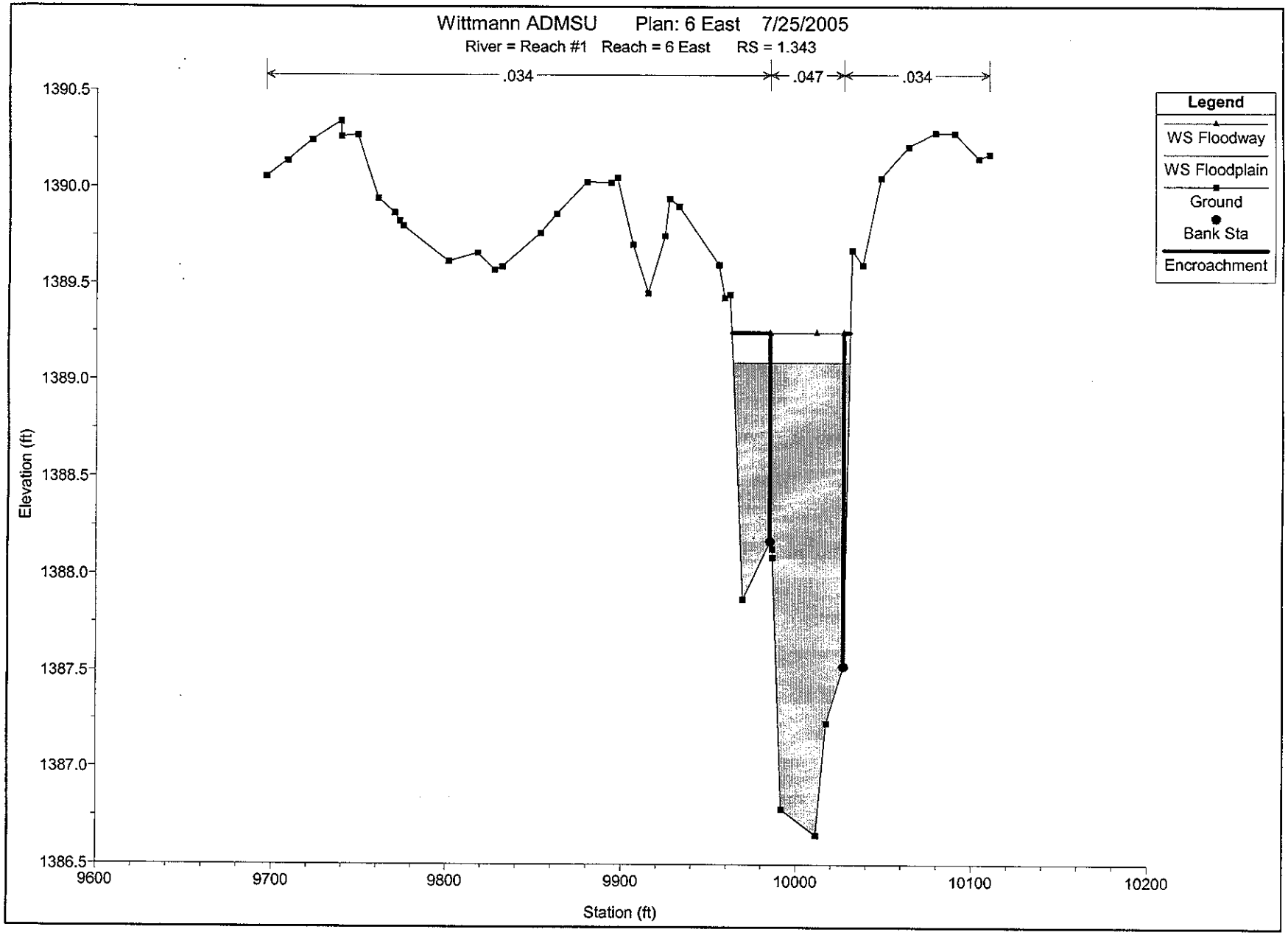

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.633 Cross section extended because flow spills over
.034
.047
.034
Legend
WS Floodplain
WS Floodway
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1403
1402
1401
1400
1399
1398
9500
9600
9700
9800
9900
10000
10100
Station (ft)

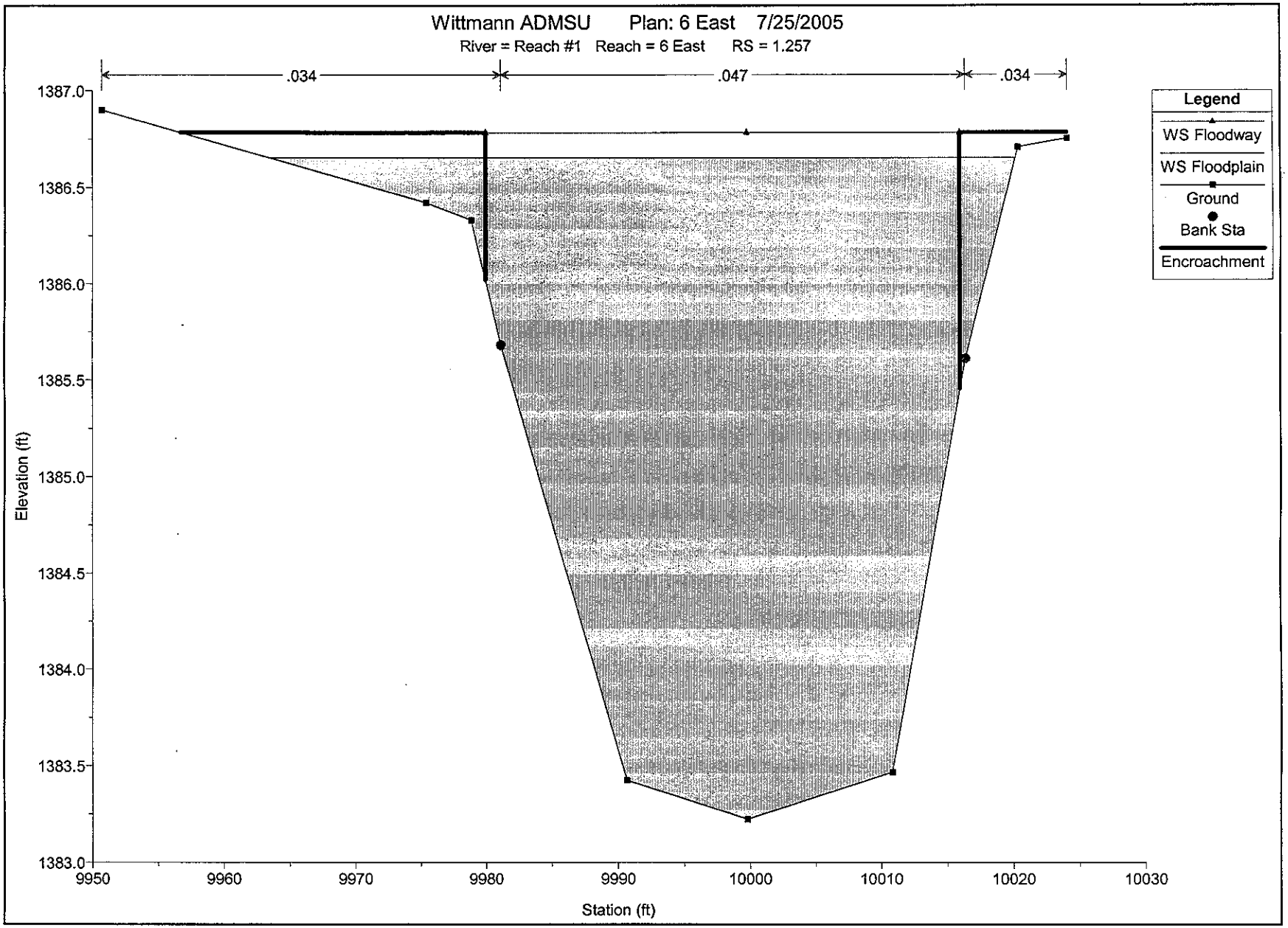

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.619
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1405
1404
1403
1402
1401
1400
1399
1398
1397
1396
9500
9600
9700
9800
9900
10000
10100
Station (ft)

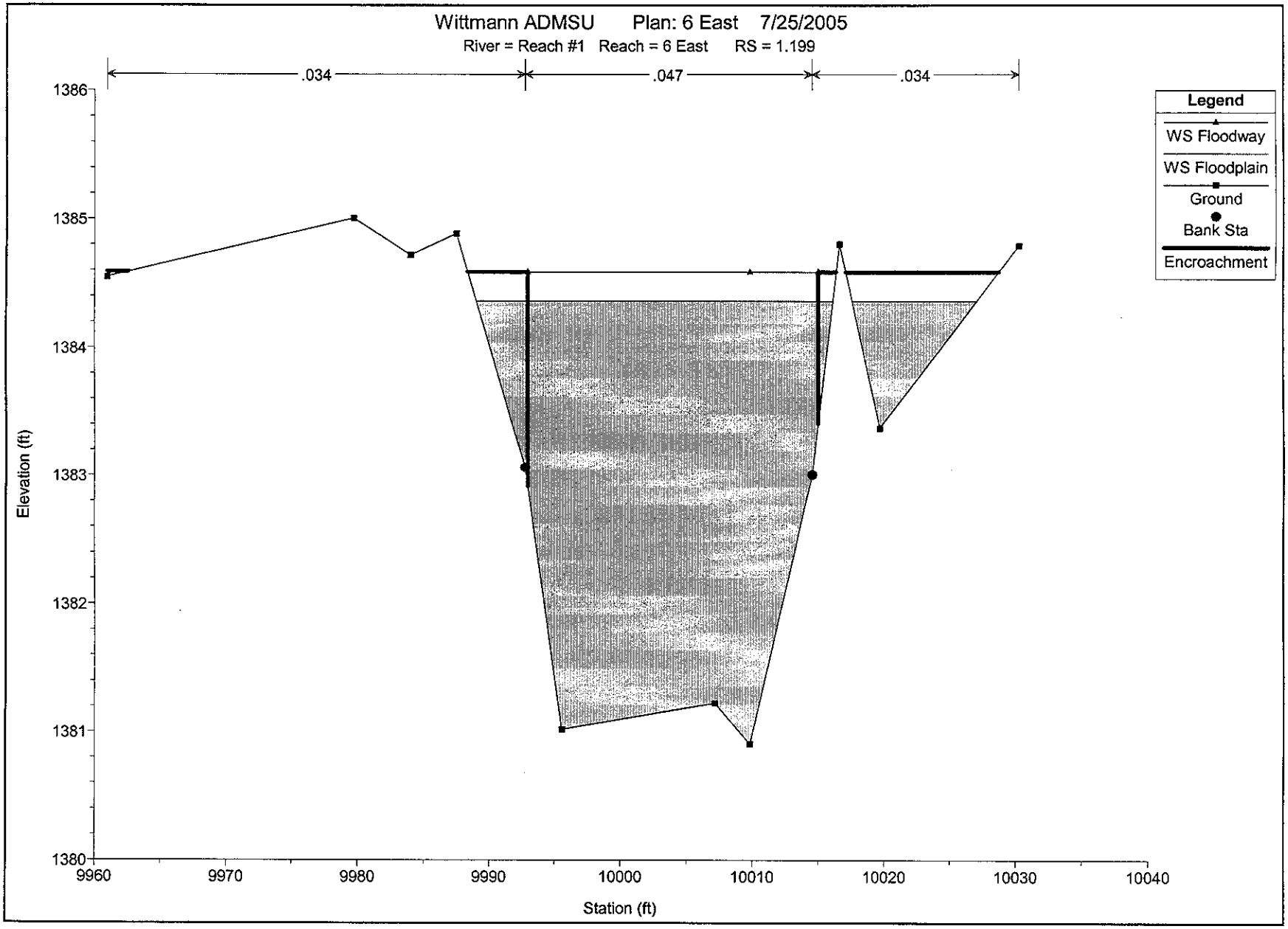

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.607
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1402
1401
1400
1399
1398
1397
1396
9750
9800
9850
9900
9950
10000
10050
Station (ft)

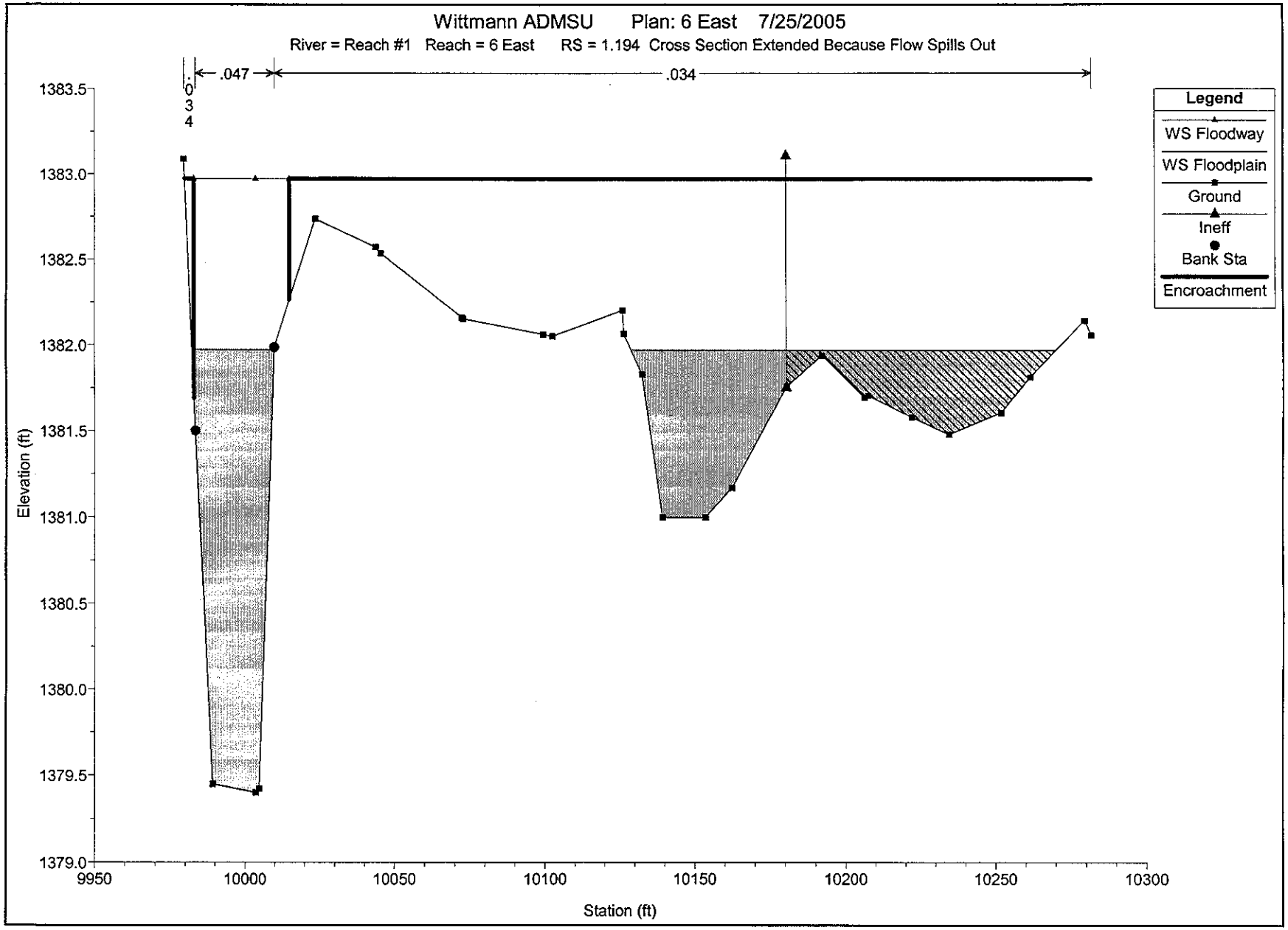

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.513
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1400
1398
1396
1394
1392
9700
9750
9800
9850
9900
9950
10000
10050
Station (ft)

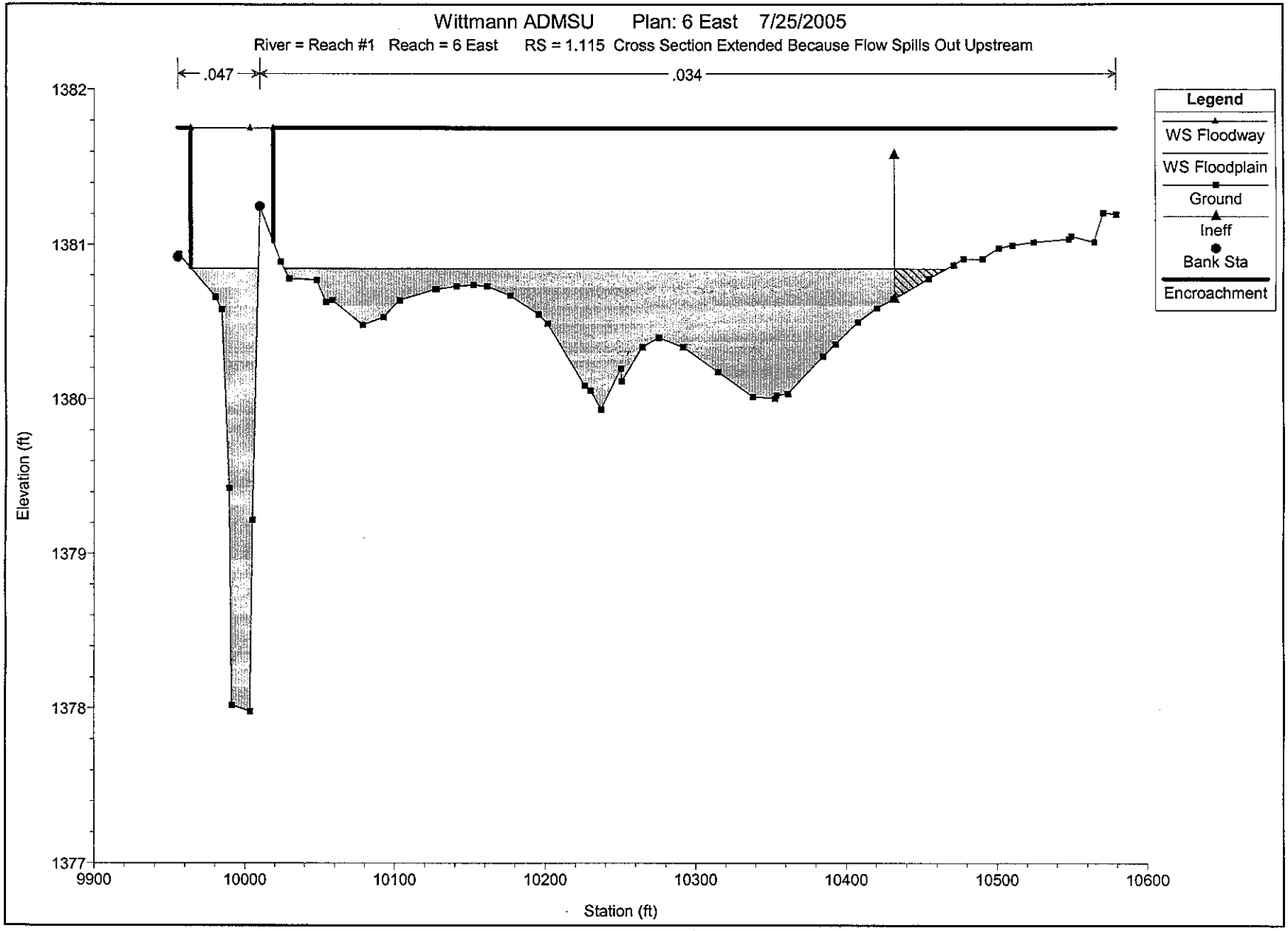

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.425
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1394
1393
1392
1391
1390
1389
9800
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

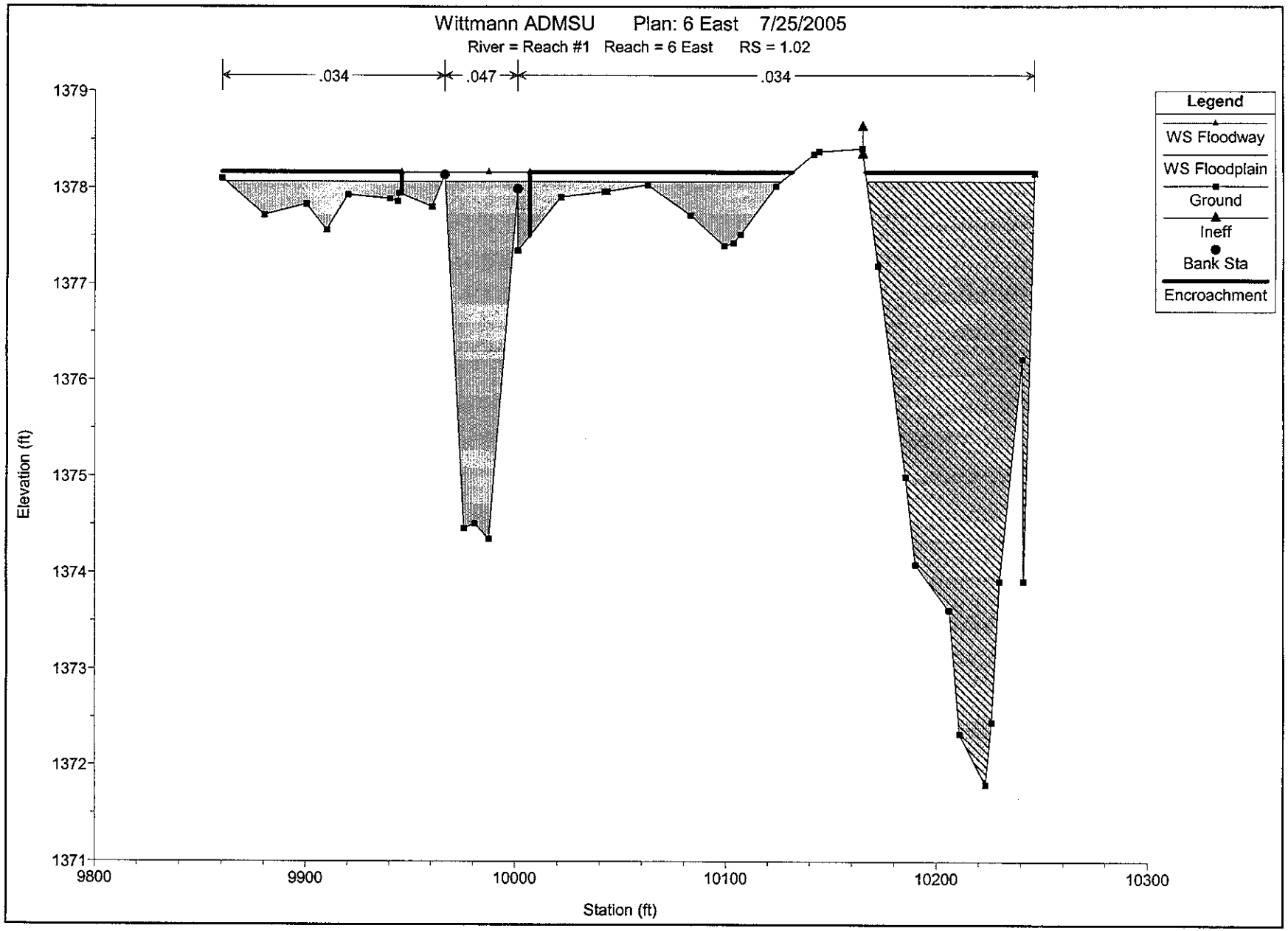

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.343
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1390.5
1390.0
1389.5
1389.0
1388.5
1388.0
1387.5
1387.0
1386.5
9600
9700
9800
9900
10000
10100
10200
Station (ft)

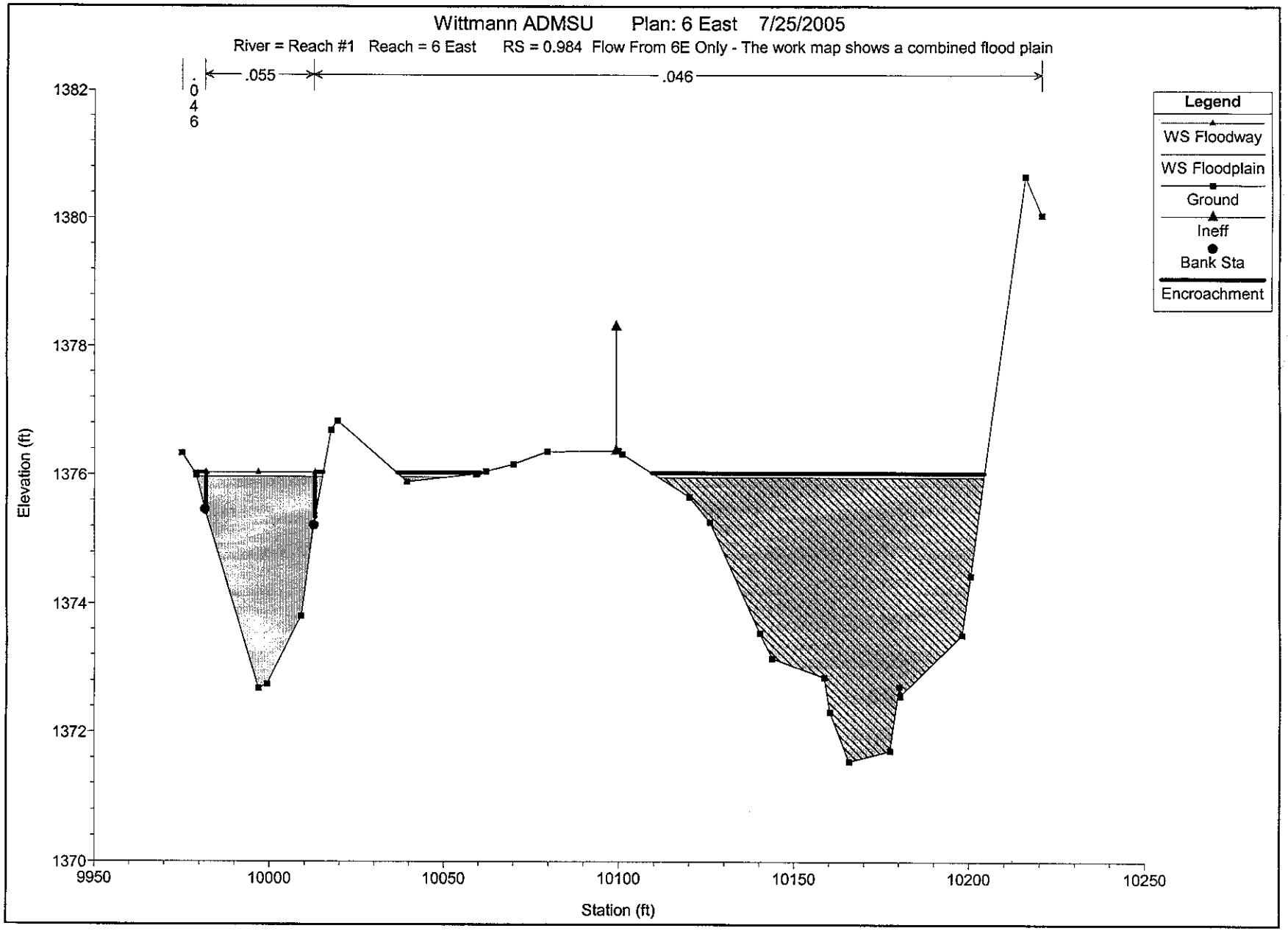

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.257
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1387.0
1386.5
1386.0
1385.5
1385.0
1384.5
1384.0
1383.5
1383.0
9950
9960
9970
9980
9990
10000
10010
10020
10030
Station (ft)

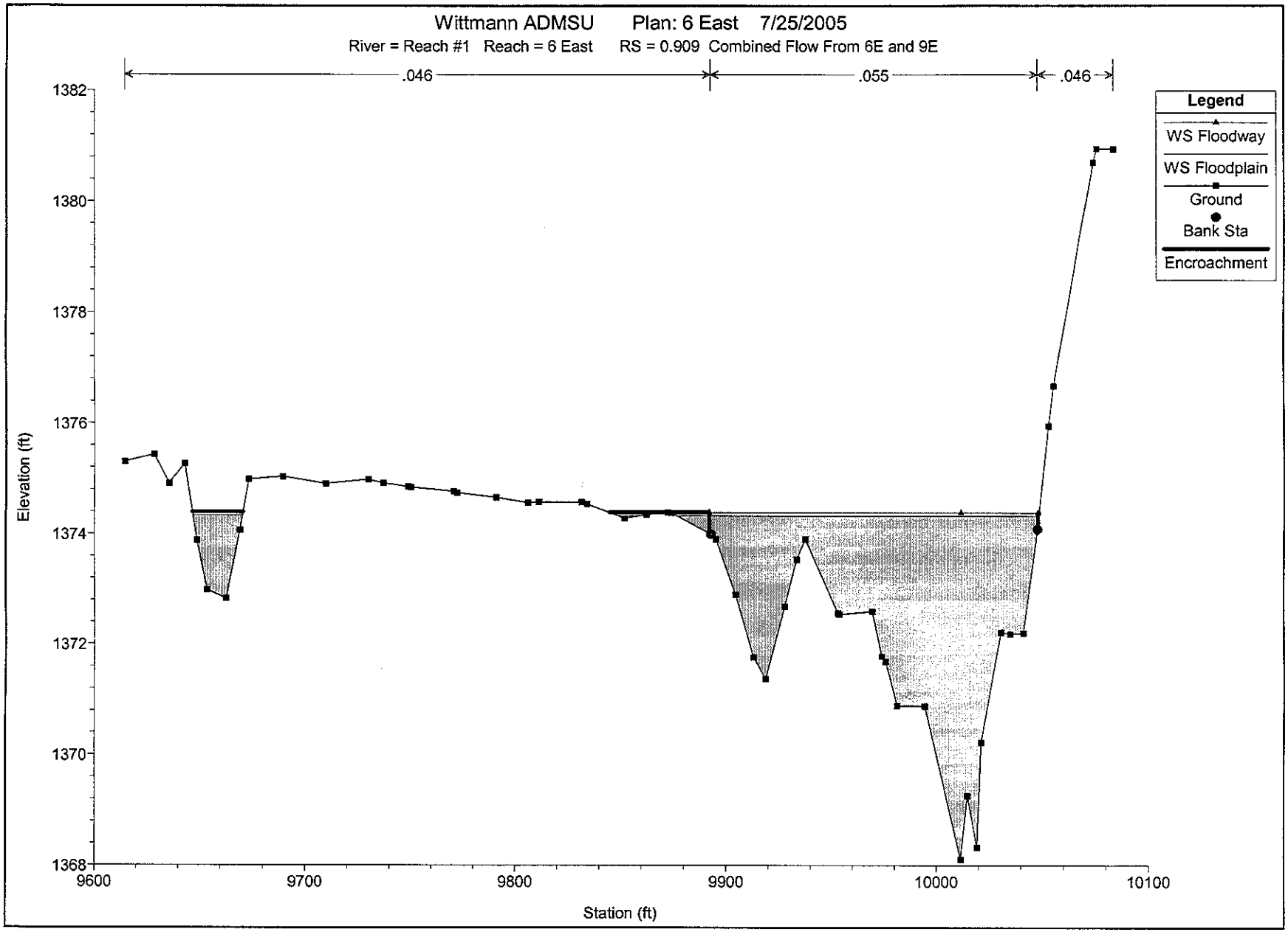

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.199
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1386
1385
1384
1383
1382
1381
1380
9960
9970
9980
9990
10000
10010
10020
10030
10040
Station (ft)

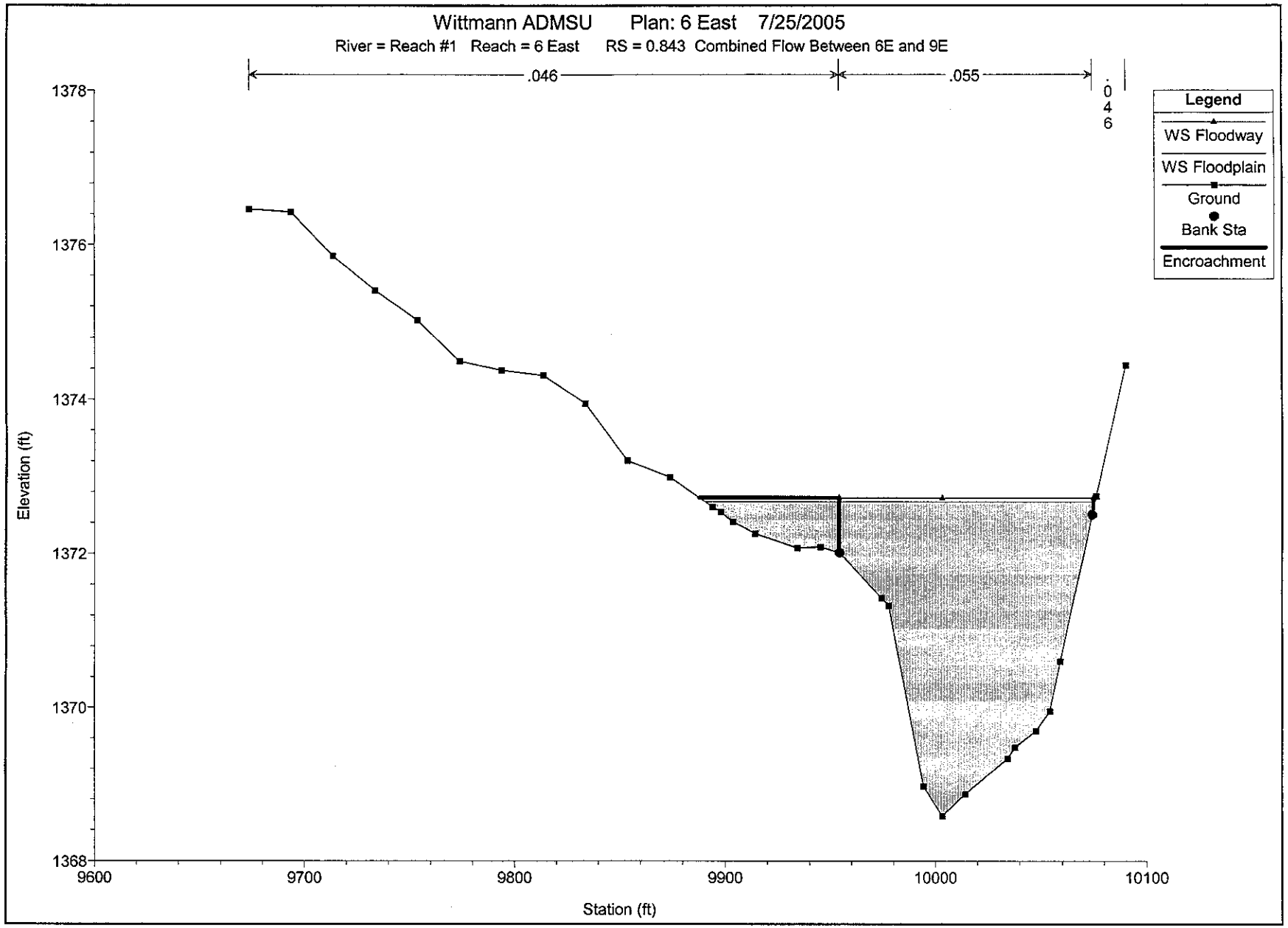

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.194 Cross Section Extended Because Flow Spills Out
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1383.5
1383.0
1382.5
1382.0
1381.5
1381.0
1380.5
1380.0
1379.5
1379.0
9950
10000
10050
10100
10150
10200
10250
10300
Station (ft)


Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.115 Cross Section Extended Because Flow Spills Out Upstream
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1382
1381
1380
1379
1378
1377
9900
10000
10100
10200
10300
10400
10500
10600
Station (ft)

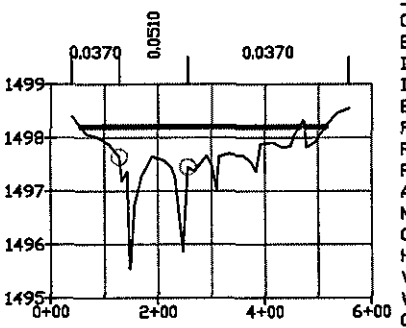

Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 1.02
.034
.047
.034
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1379
1378
1377
1376
1375
1374
1373
1372
1371
9800
9900
10000
10100
10200
10300
Station (ft)


Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 0.984 Flow From 6E Only - The work map shows a combined flood plain
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1382
1380
1378
1376
1374
1372
1370
9950
10000
10050
10100
10150
10200
10250
Station (ft)


Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 0.909 Combined Flow From 6E and 9E
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1382
1380
1378
1376
1374
1372
1370
1368
9600
9700
9800
9900
10000
10100
Station (ft)


Wittmann ADMSU Plan: 6 East 7/25/2005
River = Reach #1 Reach = 6 East RS = 0.843 Combined Flow Between 6E and 9E
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1378
1376
1374
1372
1370
1368
9600
9700
9800
9900
10000
10100
Station (ft)

6 EAST (ZONE A)



10

6 EAST-ZONE A
THE FLOW USED FOR THIS CROSS SECTION WAS CPI618=660 CFS.
(6 HOUR STORM CONTROLS AT THIS LOCATION)

Normal Depth Results

Cross-Section:	10	
Elevation:	1498.200	ft MSL
Depth:	2.660	ft
Discharge:	660.000	cfs
Energy Gradient:	0.0079	ft/ft
Froude Number:	0.2613	
Flow Regime:	Subcritical	
Flow Area:	273.080	sq ft
Average Velocity:	2.390	ft/s
Maximum Velocity:	2.700	ft/s
Composite n:	0.0412	
Hydraulic Radius:	0.61	ft
Wetted Perimeter:	448.570	ft
Wetted Top Width:	447.790	ft
Critical Slope:	0.127	ft/ft

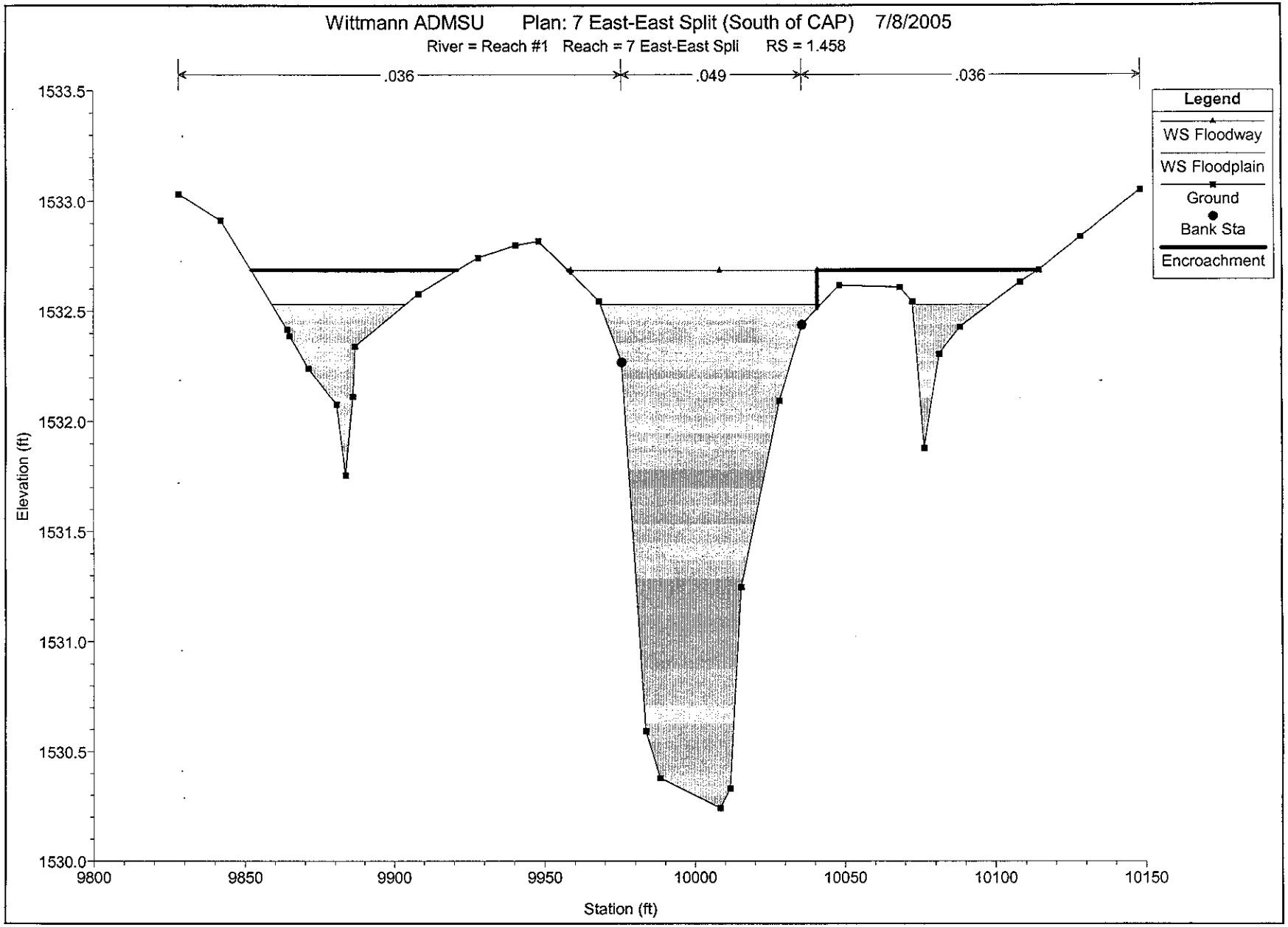
WITTMANN ADMSU FCD 2002C029

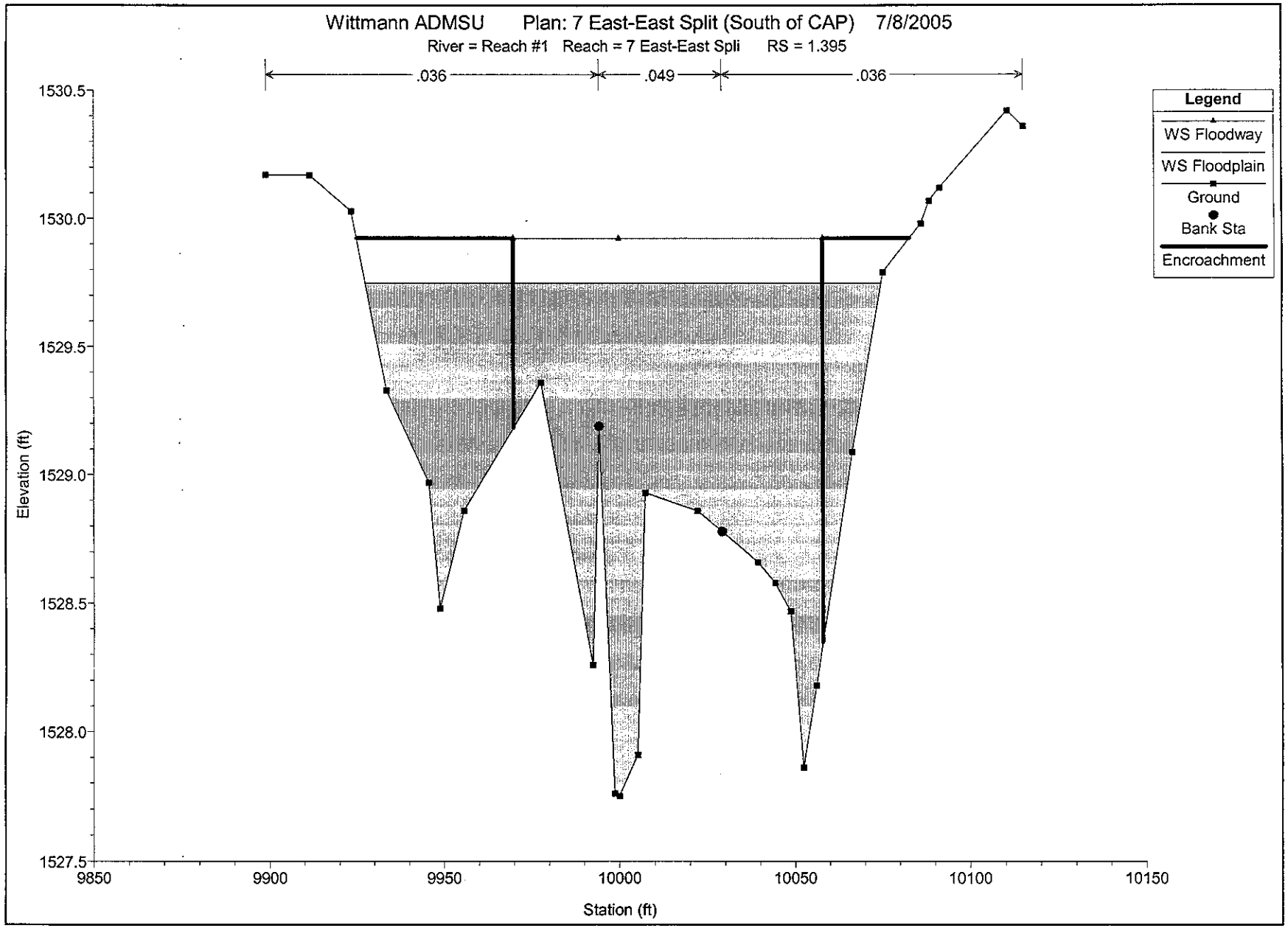
6 EAST- ZONE A

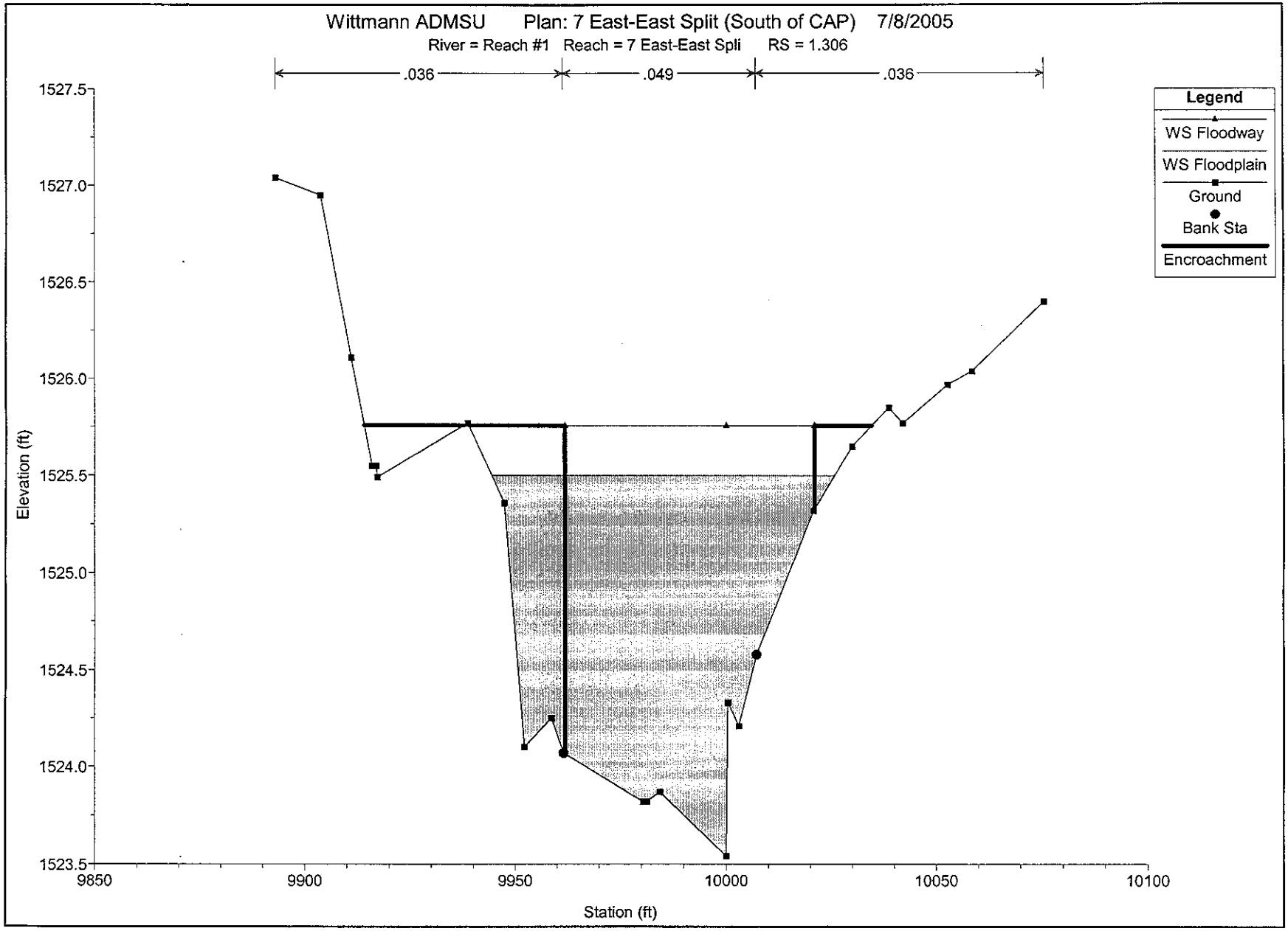
Entellus™

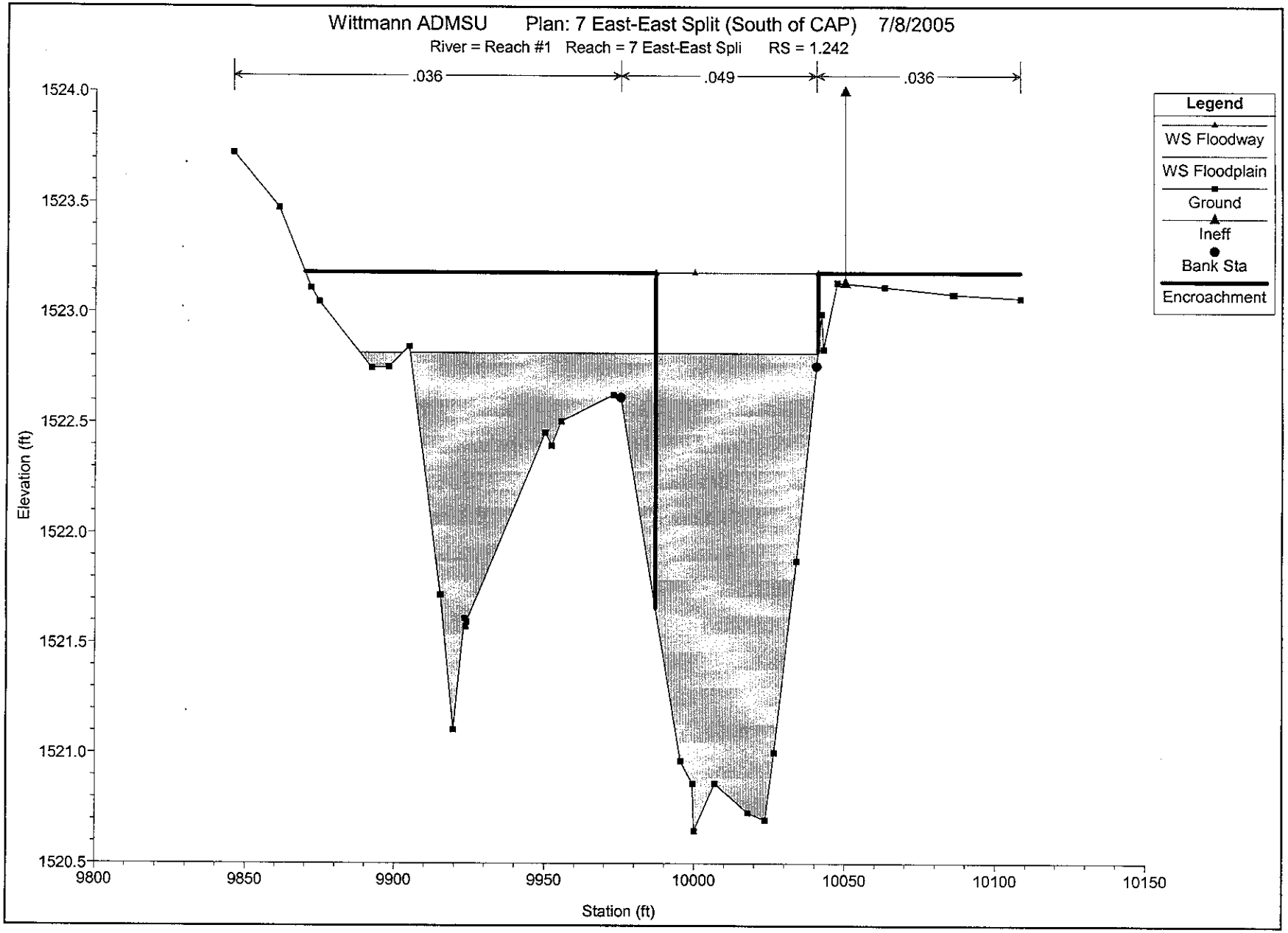
File: 6E.dwg, Date: 07/22/05

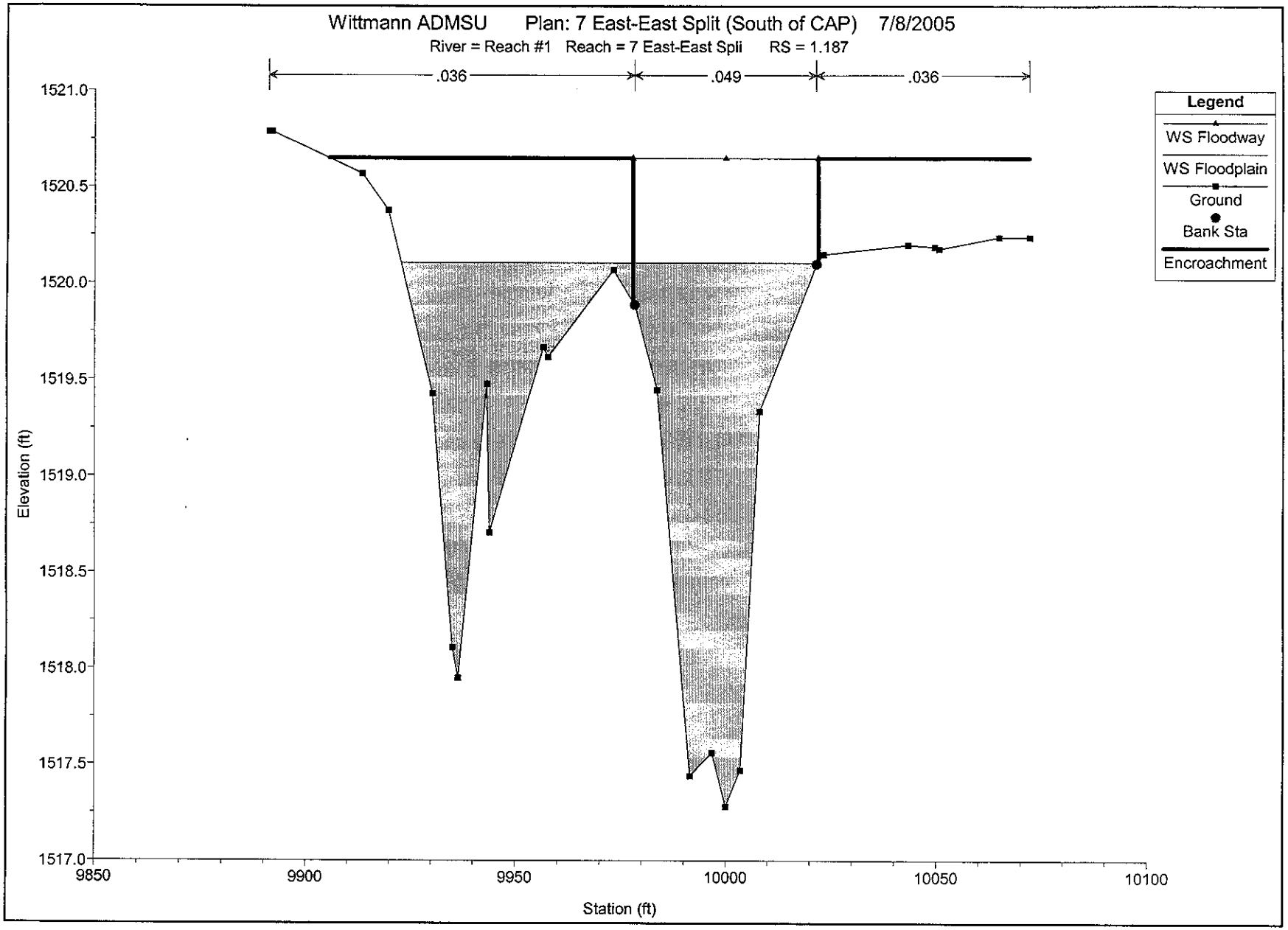
7 EAST – EAST SPLIT

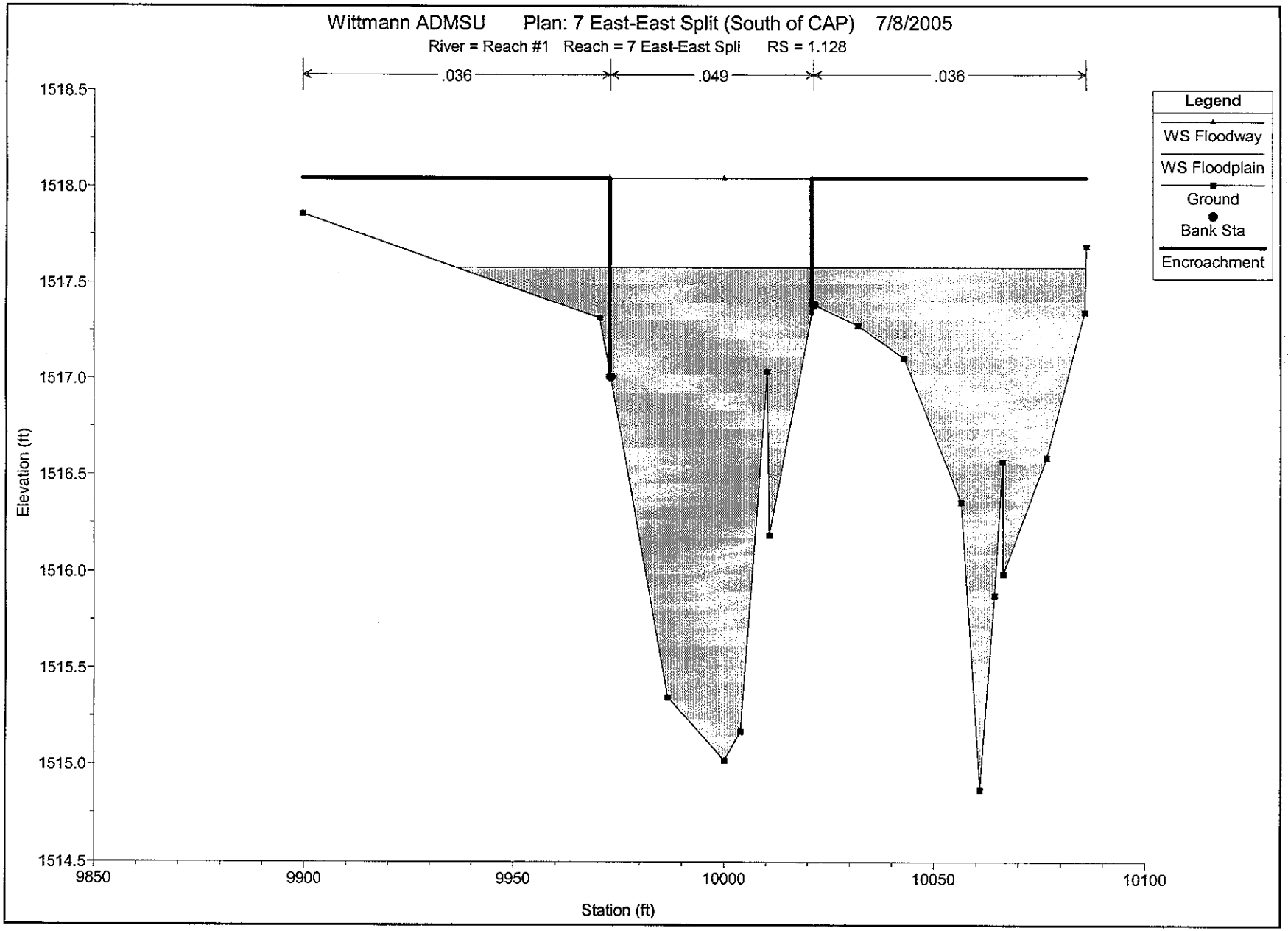

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 1.458
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1533.5
1533.0
1532.5
1532.0
1531.5
1531.0
1530.5
1530.0
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

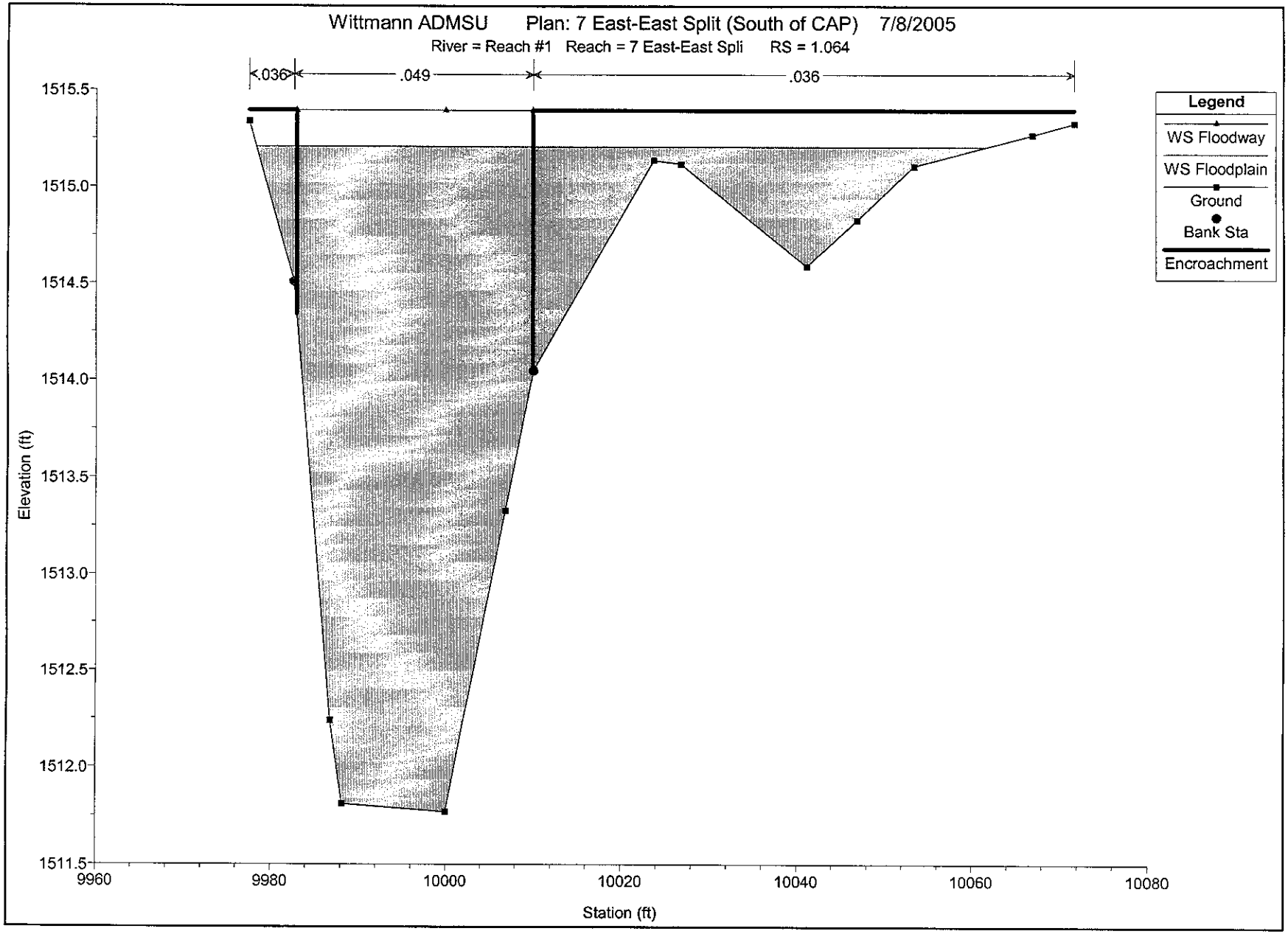

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 1.395
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1530.5
1530.0
1529.5
1529.0
1528.5
1528.0
1527.5
9850
9900
9950
10000
10050
10100
10150
Station (ft)

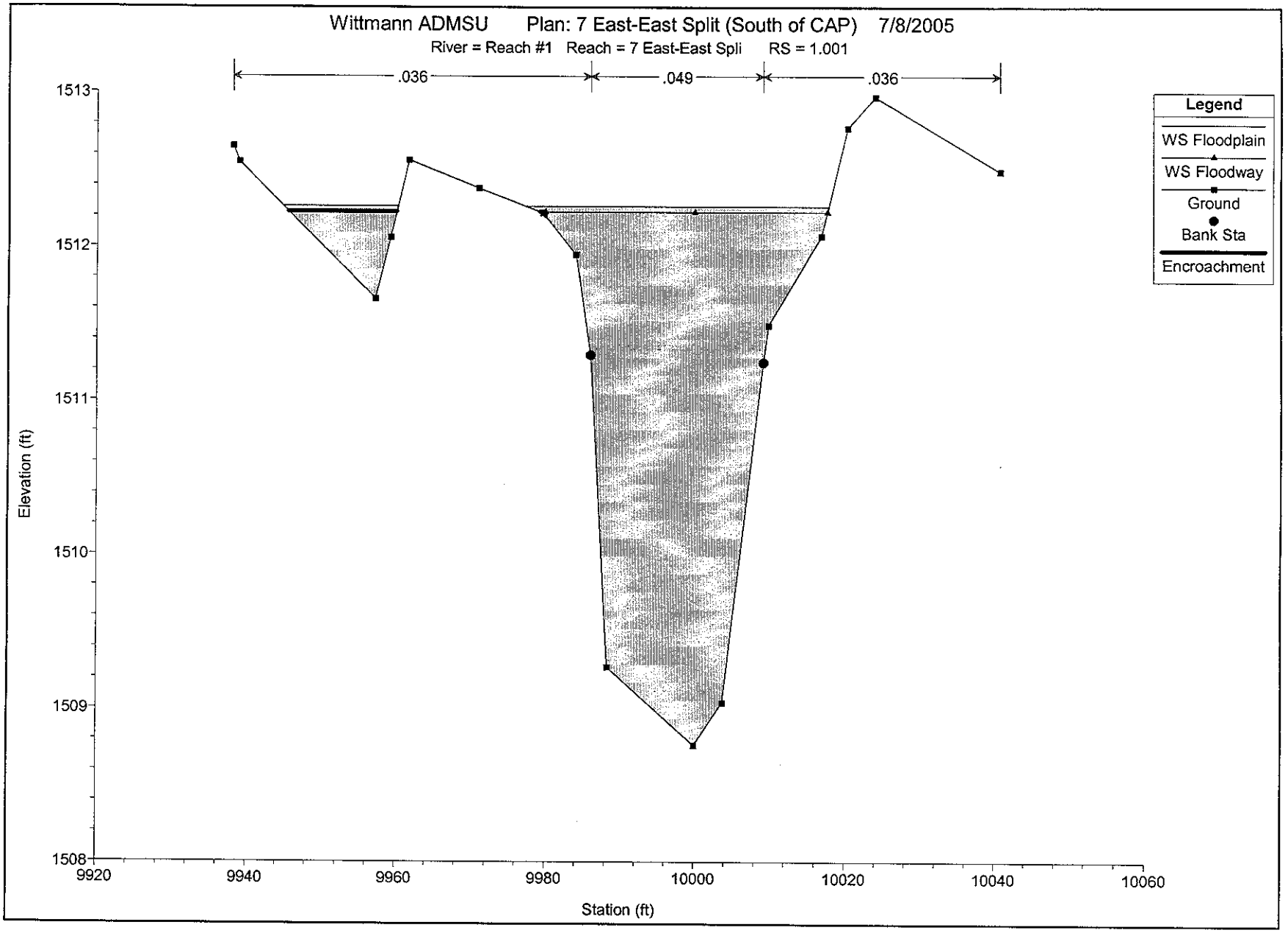

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 1.306
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1527.5
1527.0
1526.5
1526.0
1525.5
1525.0
1524.5
1524.0
1523.5
9850
9900
9950
10000
10050
10100
Station (ft)

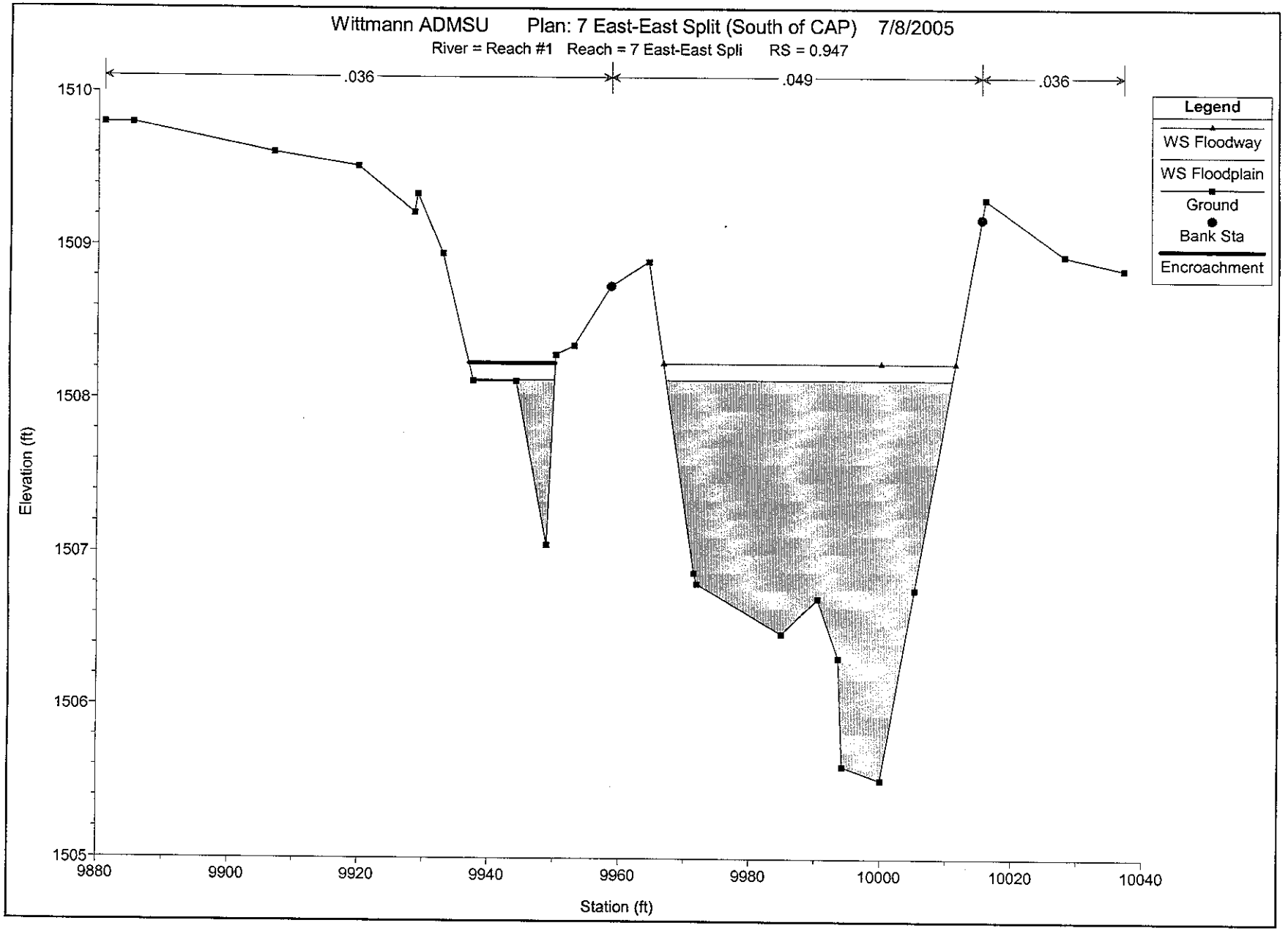

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 1.242
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1524.0
1523.5
1523.0
1522.5
1522.0
1521.5
1521.0
1520.5
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

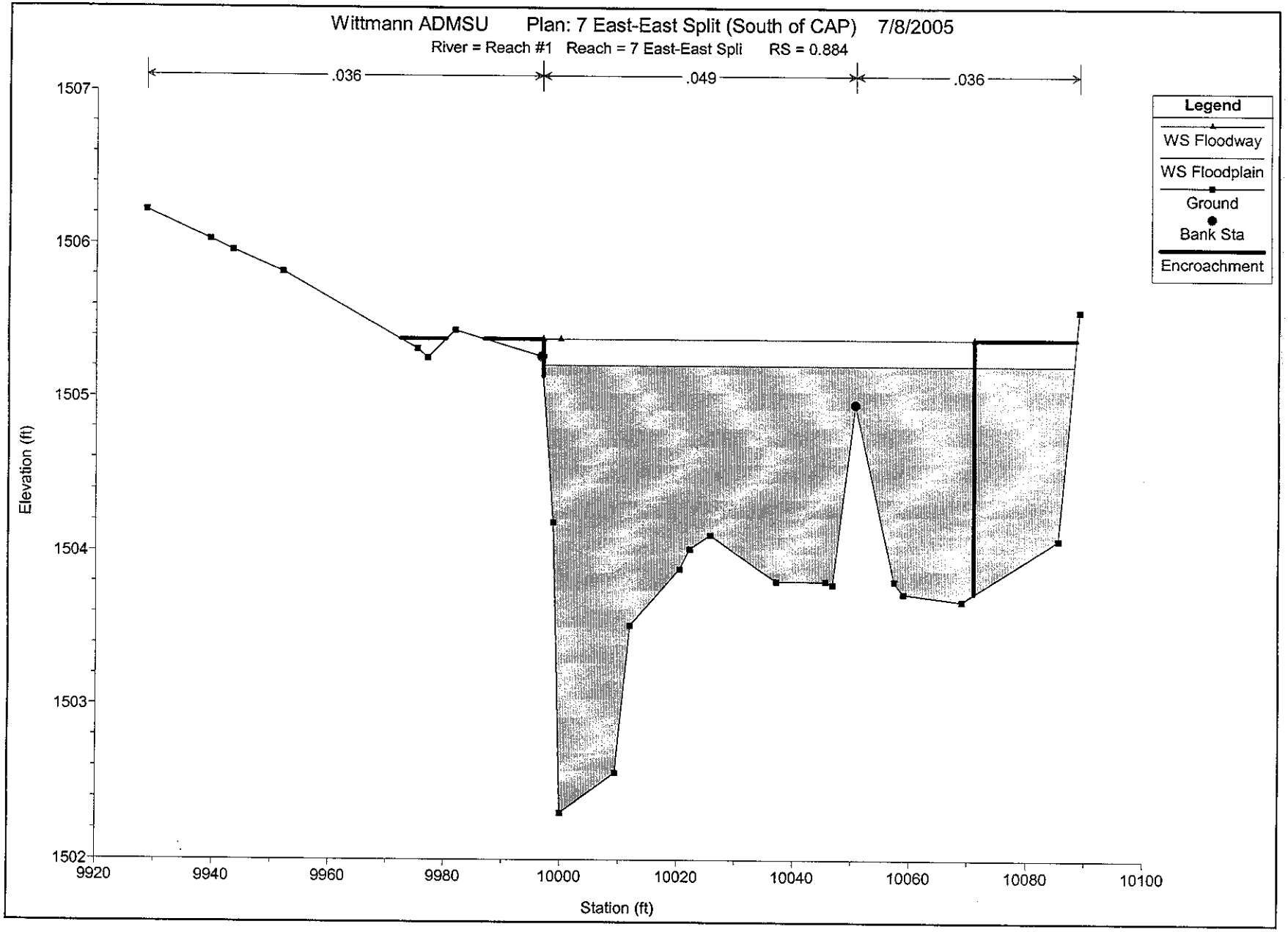

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 1.187
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1521.0
1520.5
1520.0
1519.5
1519.0
1518.5
1518.0
1517.5
1517.0
9850
9900
9950
10000
10050
10100
Station (ft)

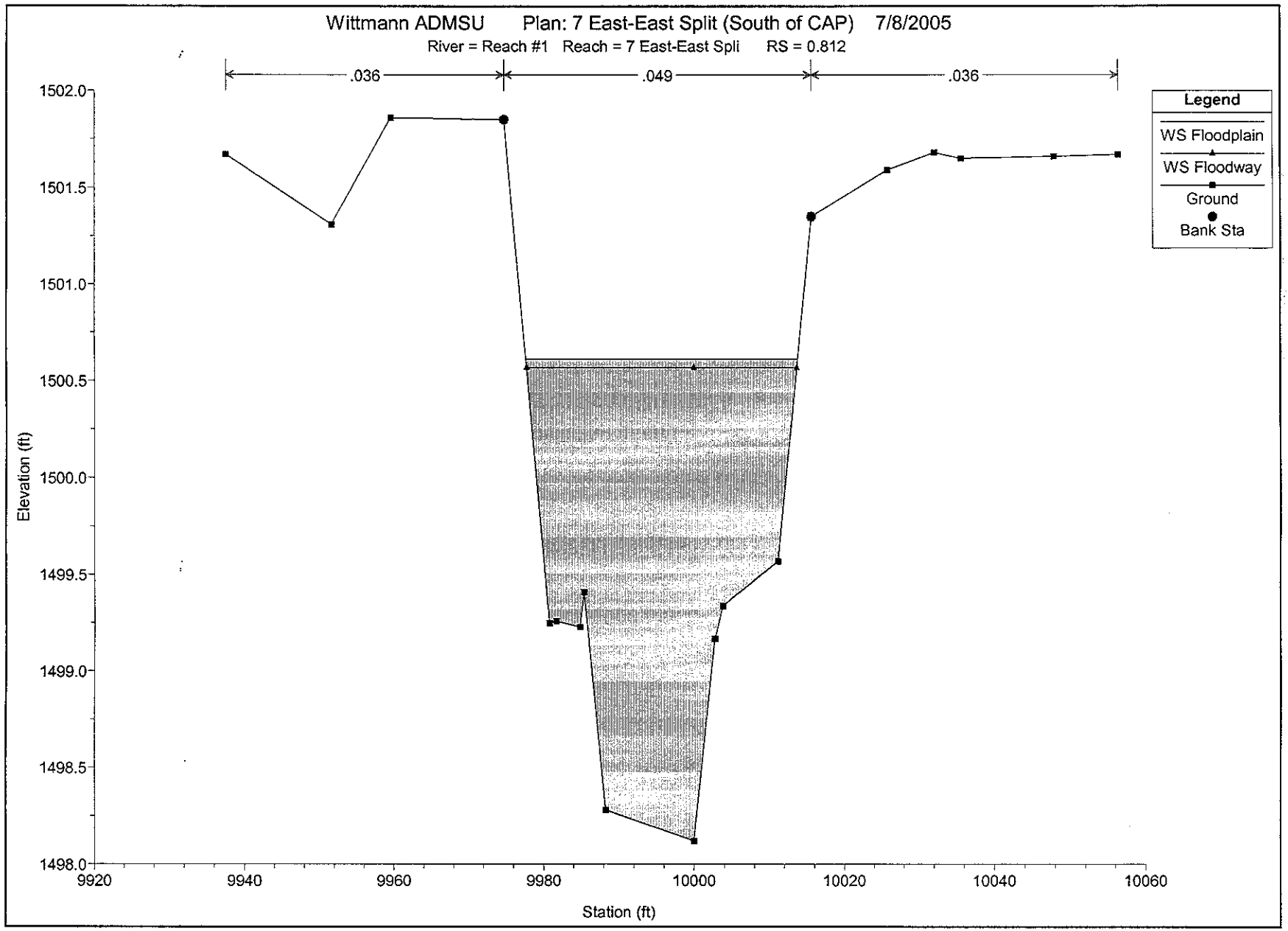

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 1.128
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1518.5
1518.0
1517.5
1517.0
1516.5
1516.0
1515.5
1515.0
1514.5
9850
9900
9950
10000
10050
10100
Station (ft)

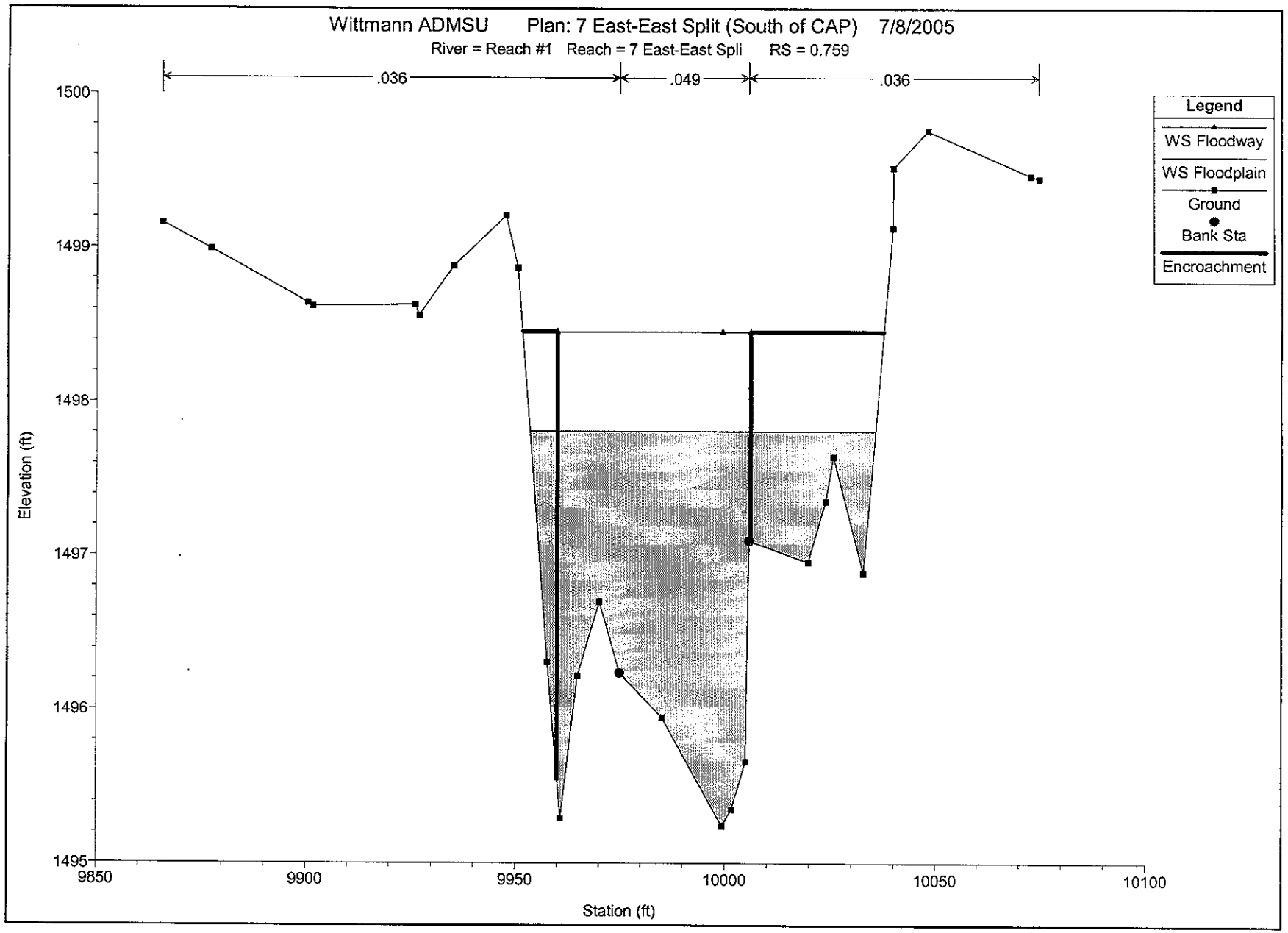

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 1.064
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1515.5
1515.0
1514.5
1514.0
1513.5
1513.0
1512.5
1512.0
1511.5
9960
9980
10000
10020
10040
10060
10080
Station (ft)

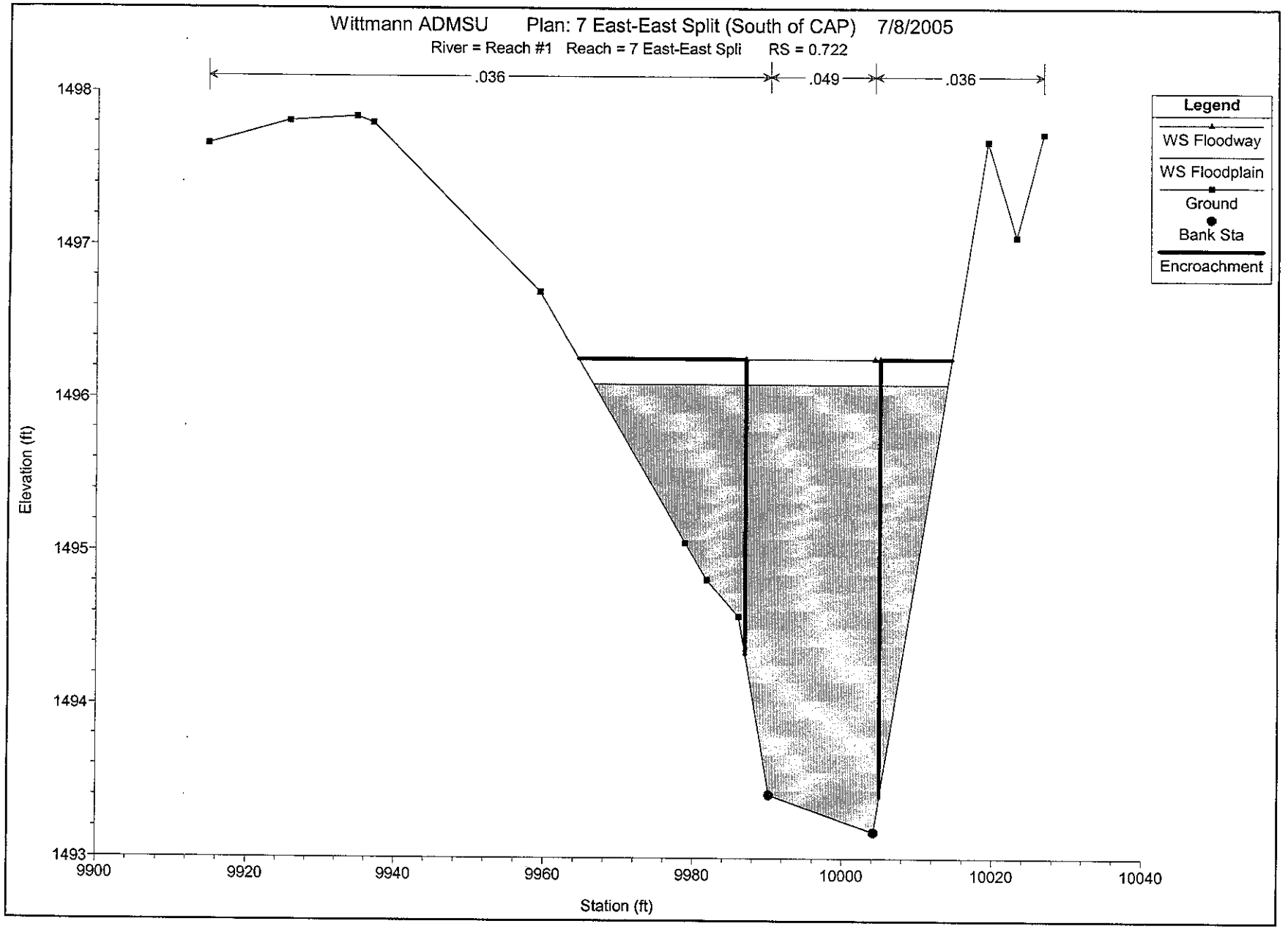

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 1.001
.036
.049
.036
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1513
1512
1511
1510
1509
1508
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

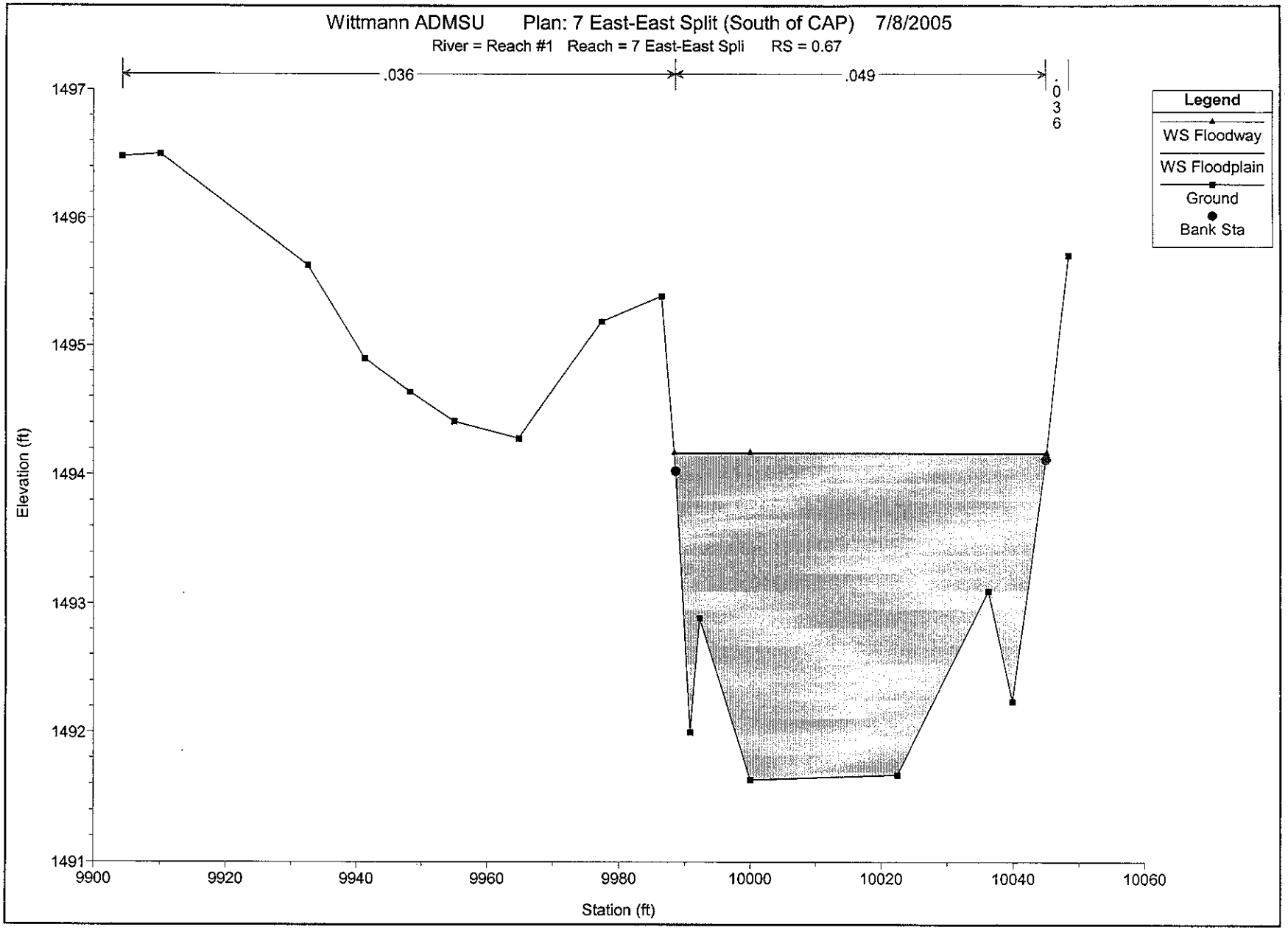

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.947
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1510
1509
1508
1507
1506
1505
9880
9900
9920
9940
9960
9980
10000
10020
10040
Station (ft)

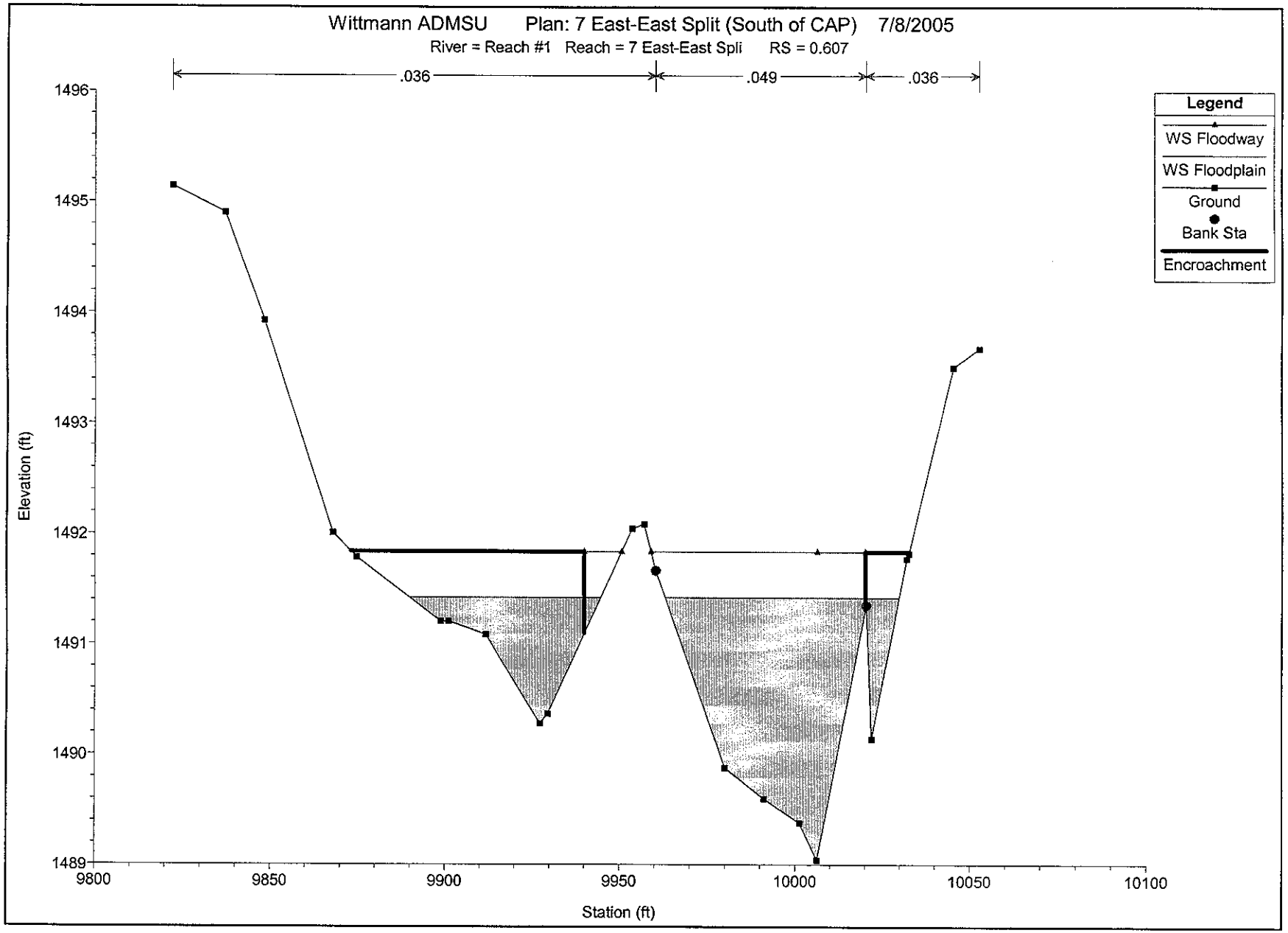

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.884
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1507
1506
1505
1504
1503
1502
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

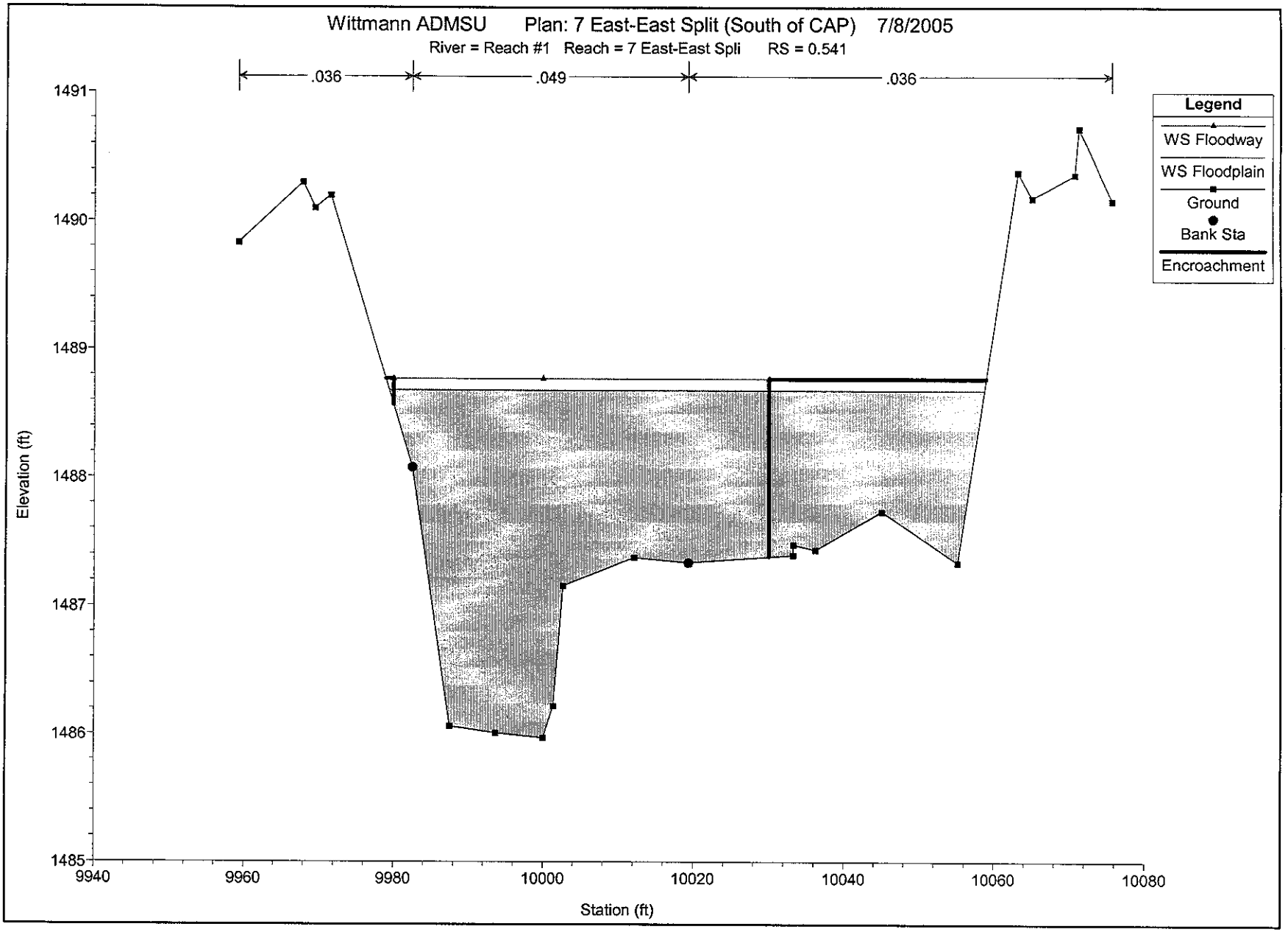

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.812
.036
.049
.036
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1502.0
1501.5
1501.0
1500.5
1500.0
1499.5
1499.0
1498.5
1498.0
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

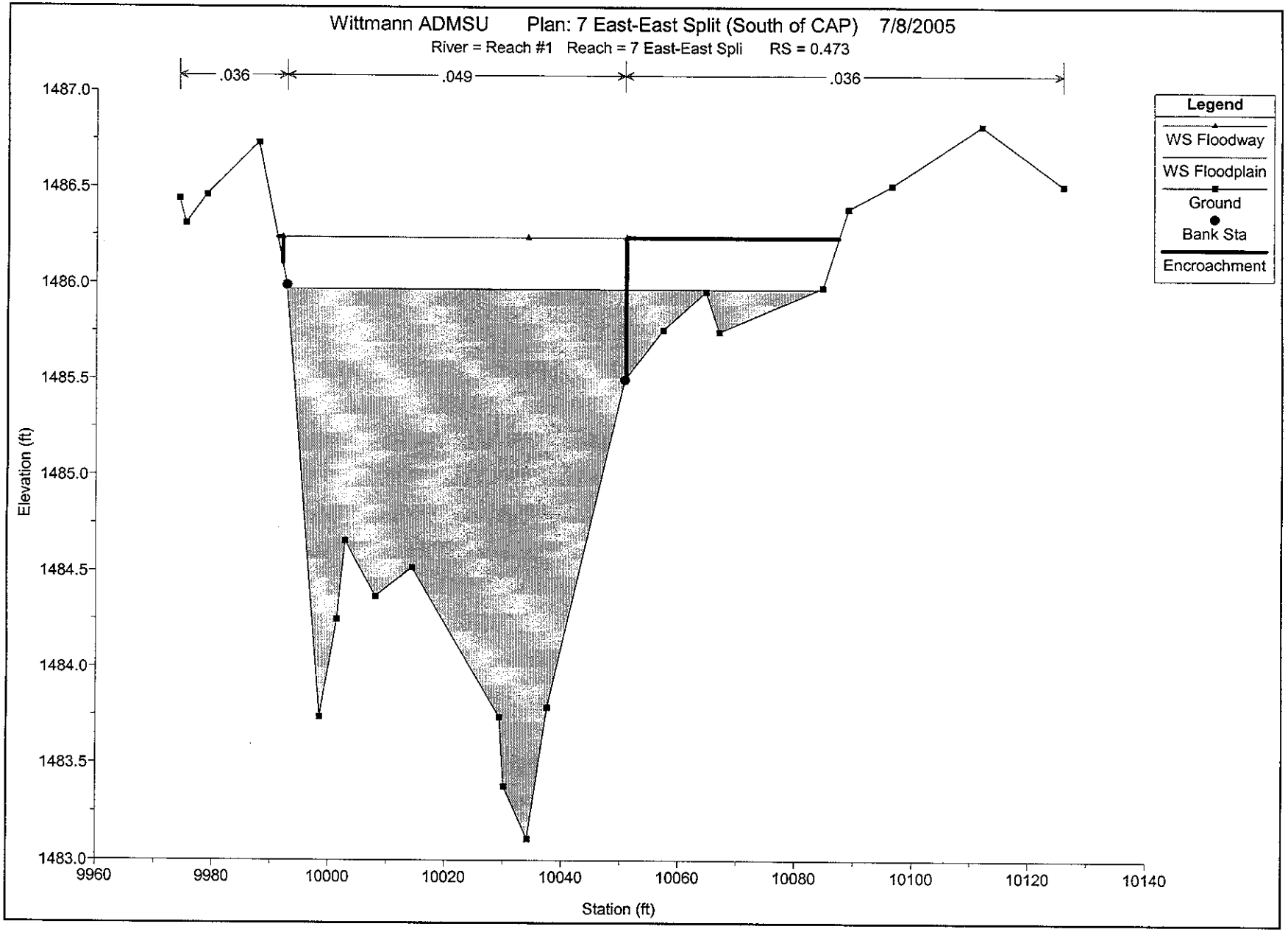

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.759
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1500
1499
1498
1497
1496
1495
9850
9900
9950
10000
10050
10100
Station (ft)

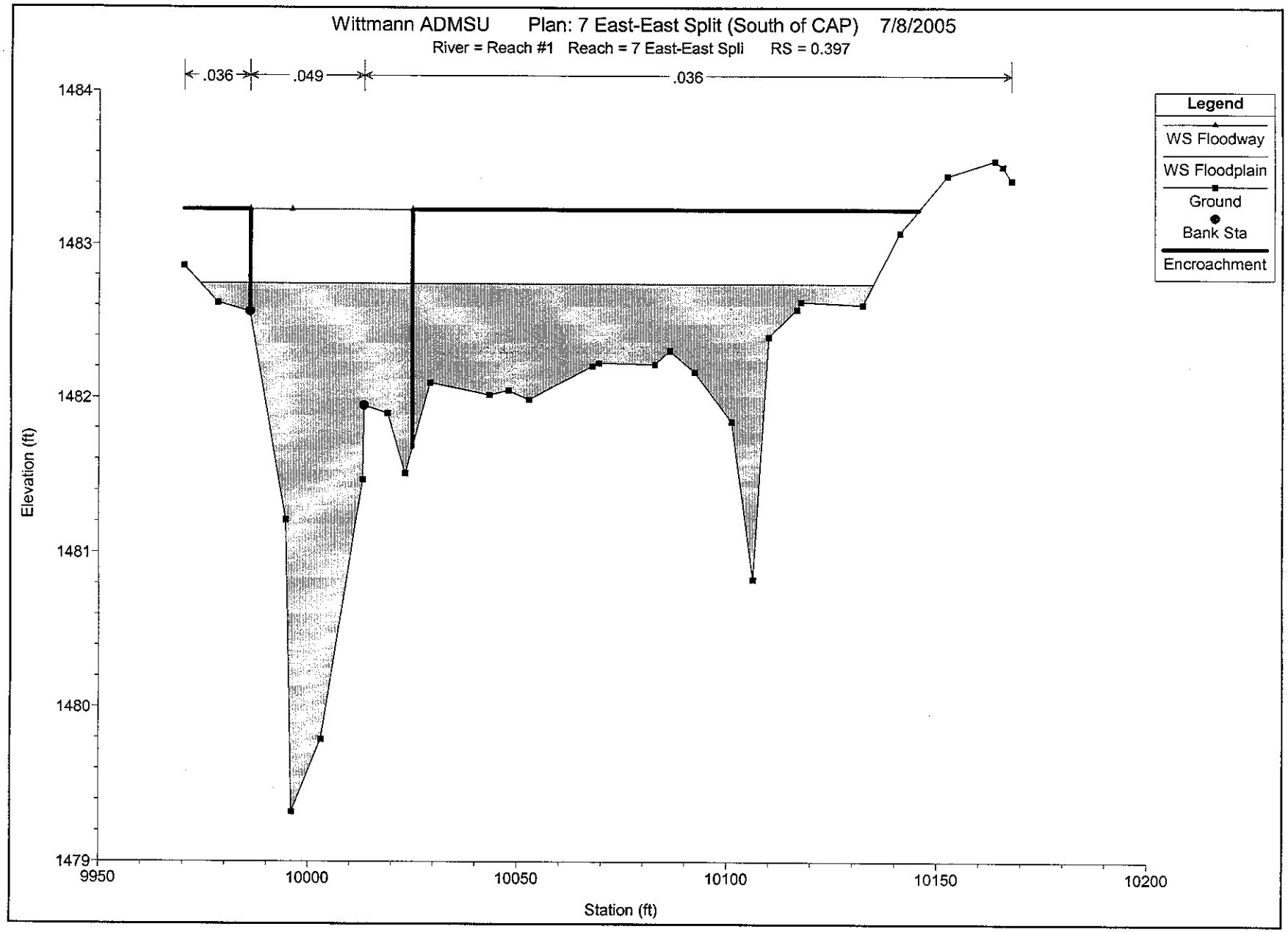

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.722
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1497
1496
1495
1494
1493
9900
9920
9940
9960
9980
10000
10020
10040
Station (ft)

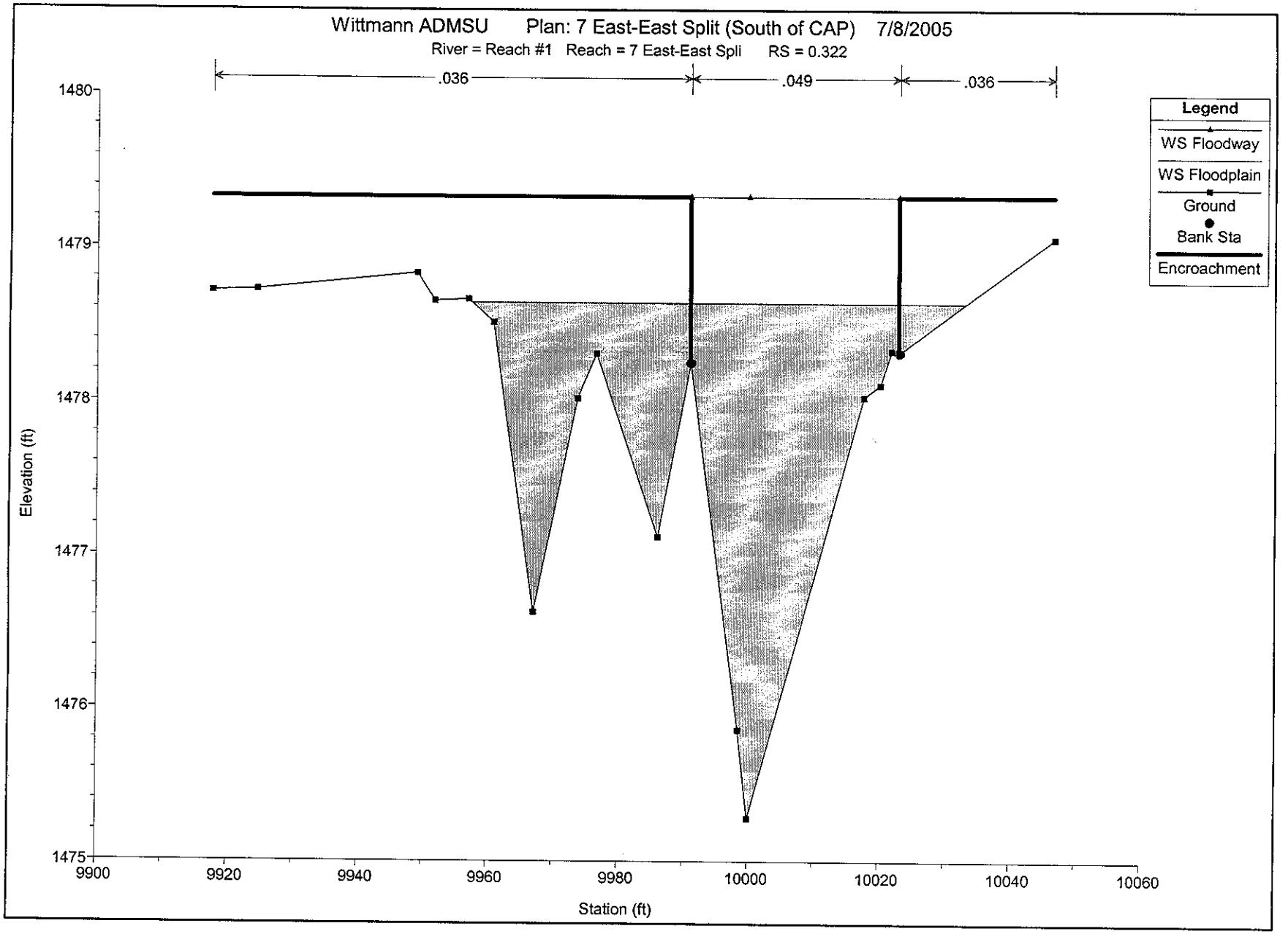

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.67
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1497
1496
1495
1494
1493
1492
1491
9900
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

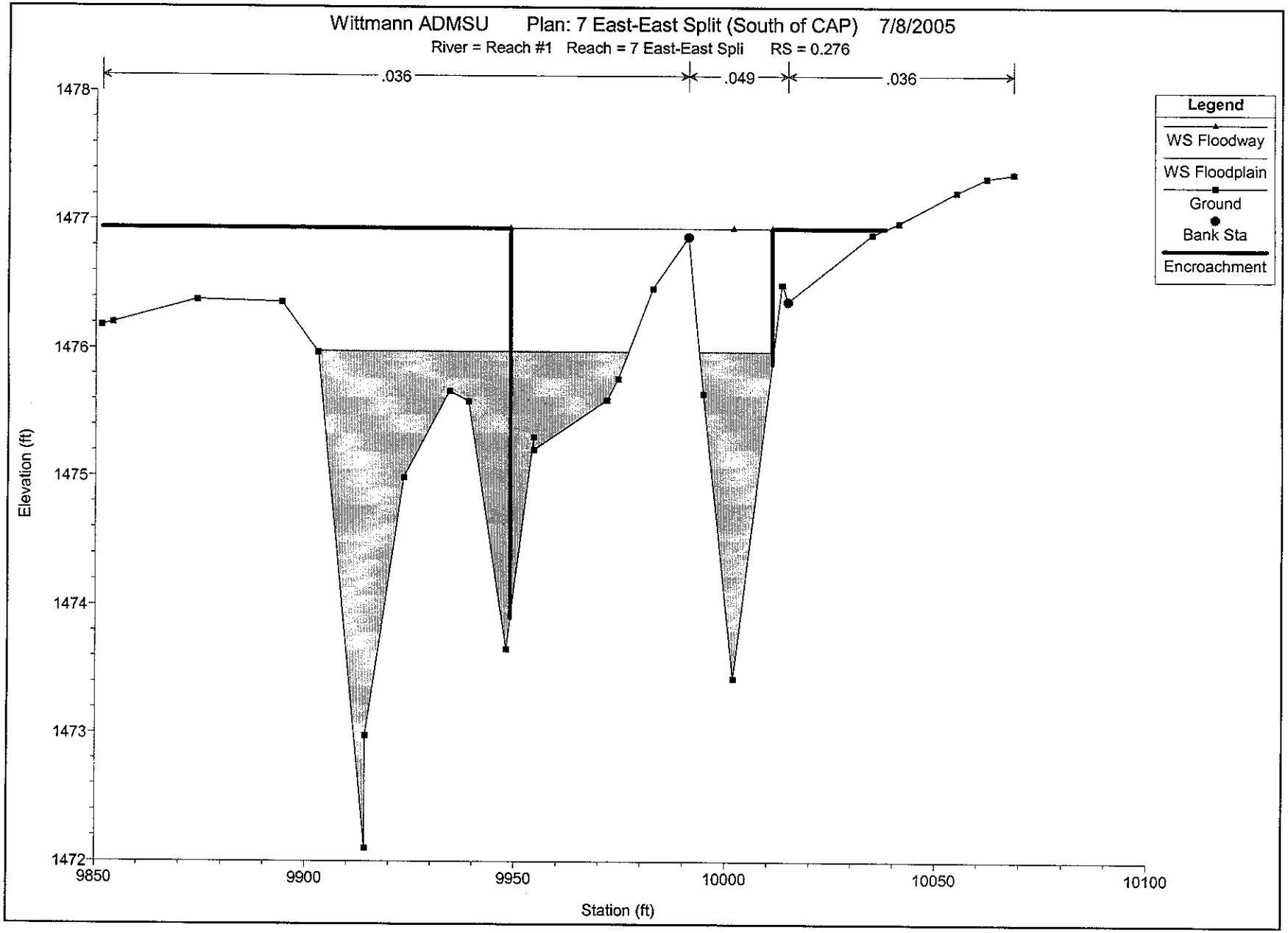

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.607
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1496
1495
1494
1493
1492
1491
1490
1489
9800
9850
9900
9950
10000
10050
10100
Station (ft)

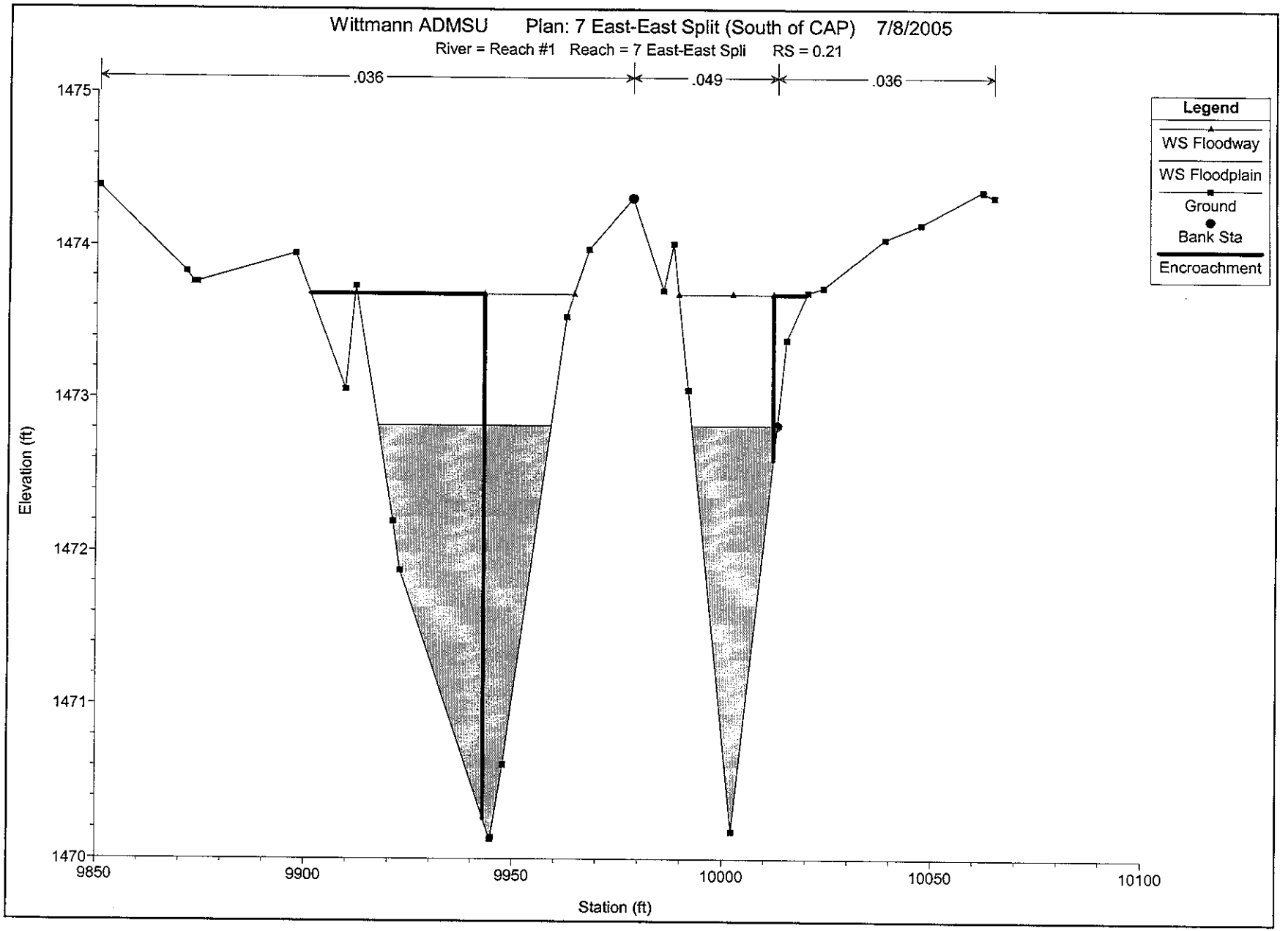

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.541
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1491
1490
1489
1488
1487
1486
1485
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)


Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.473
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1487.0
1486.5
1486.0
1485.5
1485.0
1484.5
1484.0
1483.5
1483.0
9960
9980
10000
10020
10040
10060
10080
10100
10120
10140
Station (ft)

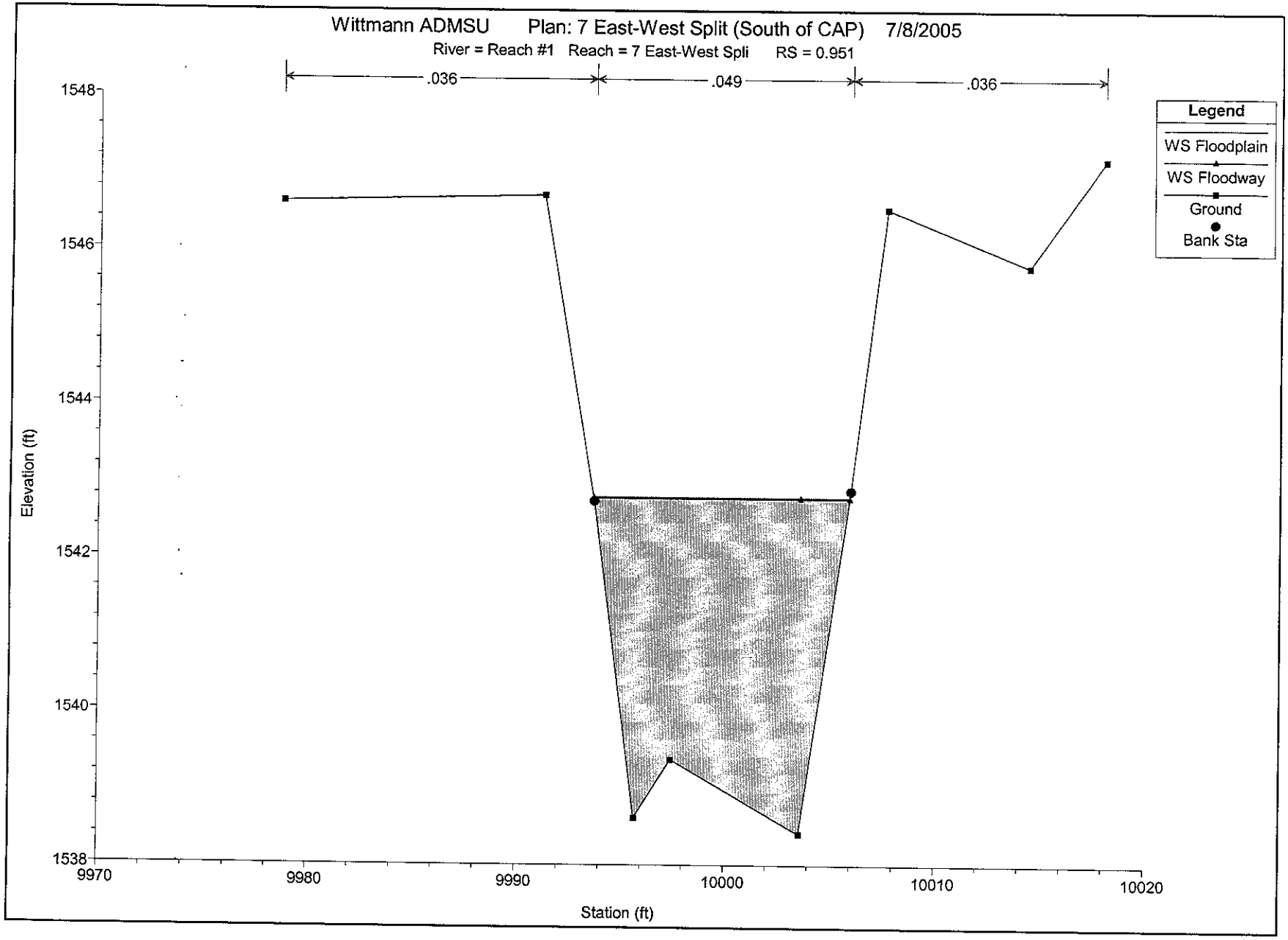

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.397
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1484
1483
1482
1481
1480
1479
9950
10000
10050
10100
10150
10200
Station (ft)

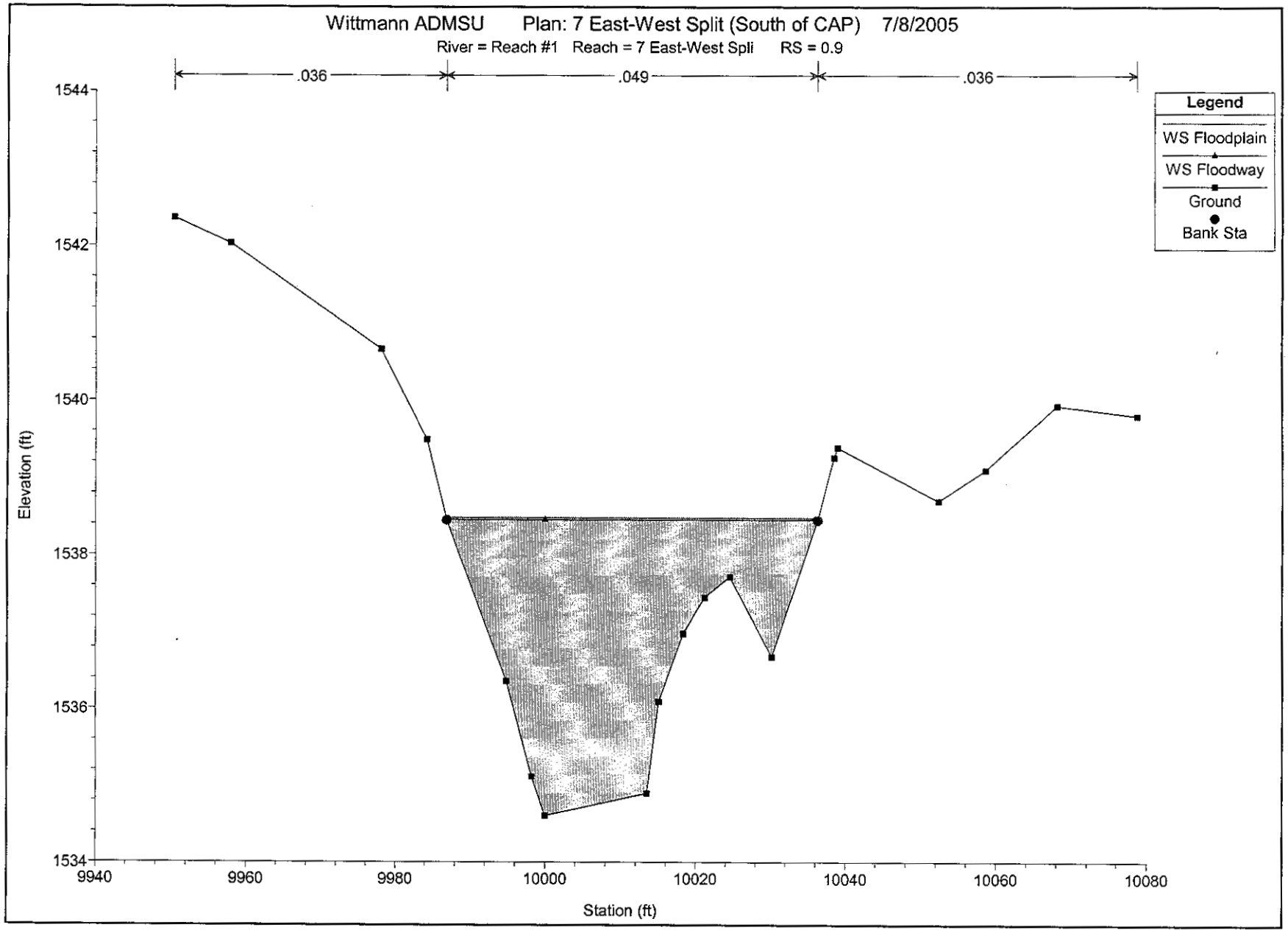

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.322
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1480
1479
1478
1477
1476
1475
9900
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

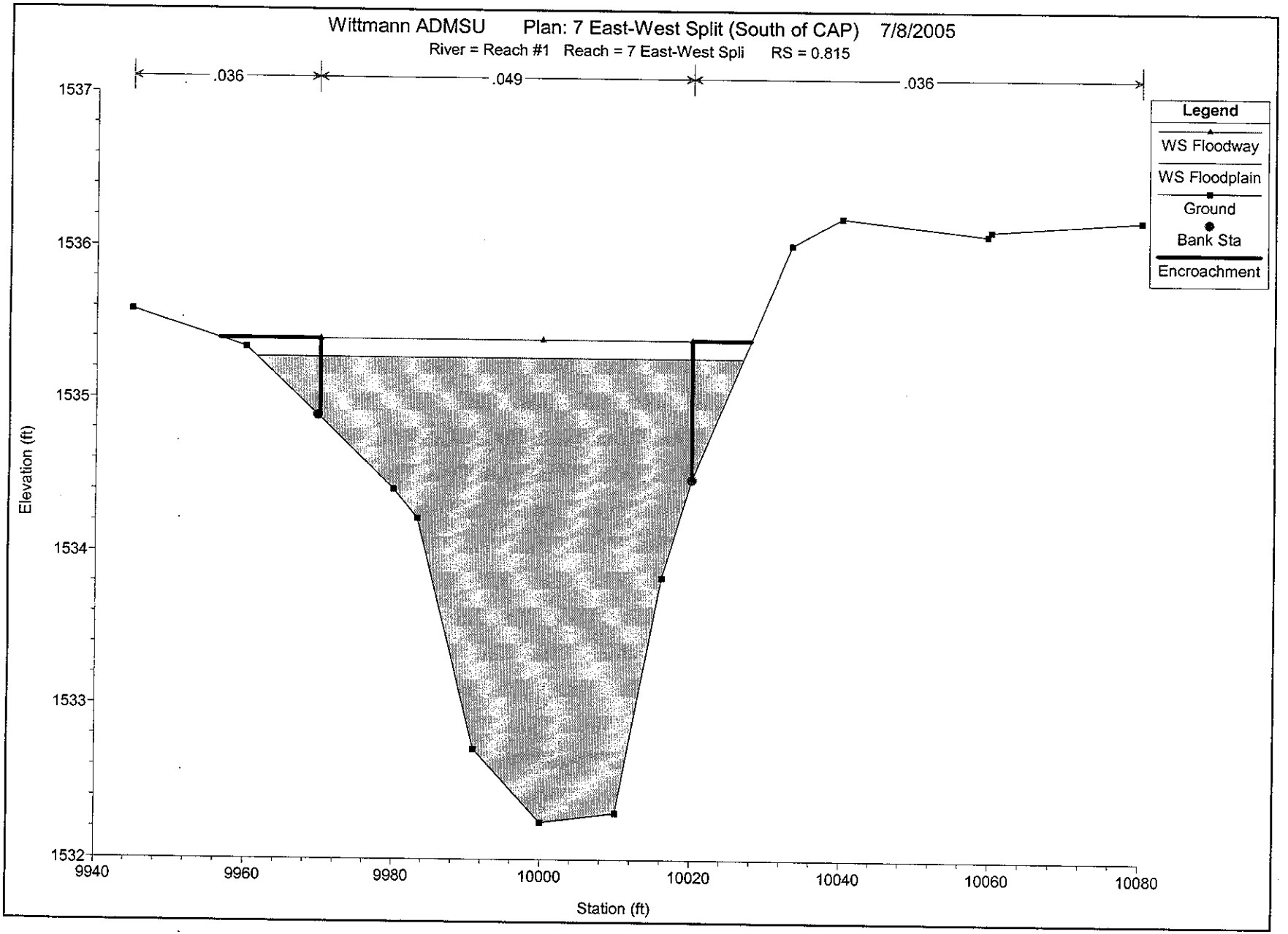

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.276
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1478
1477
1476
1475
1474
1473
1472
9850
9900
9950
10000
10050
10100
Station (ft)

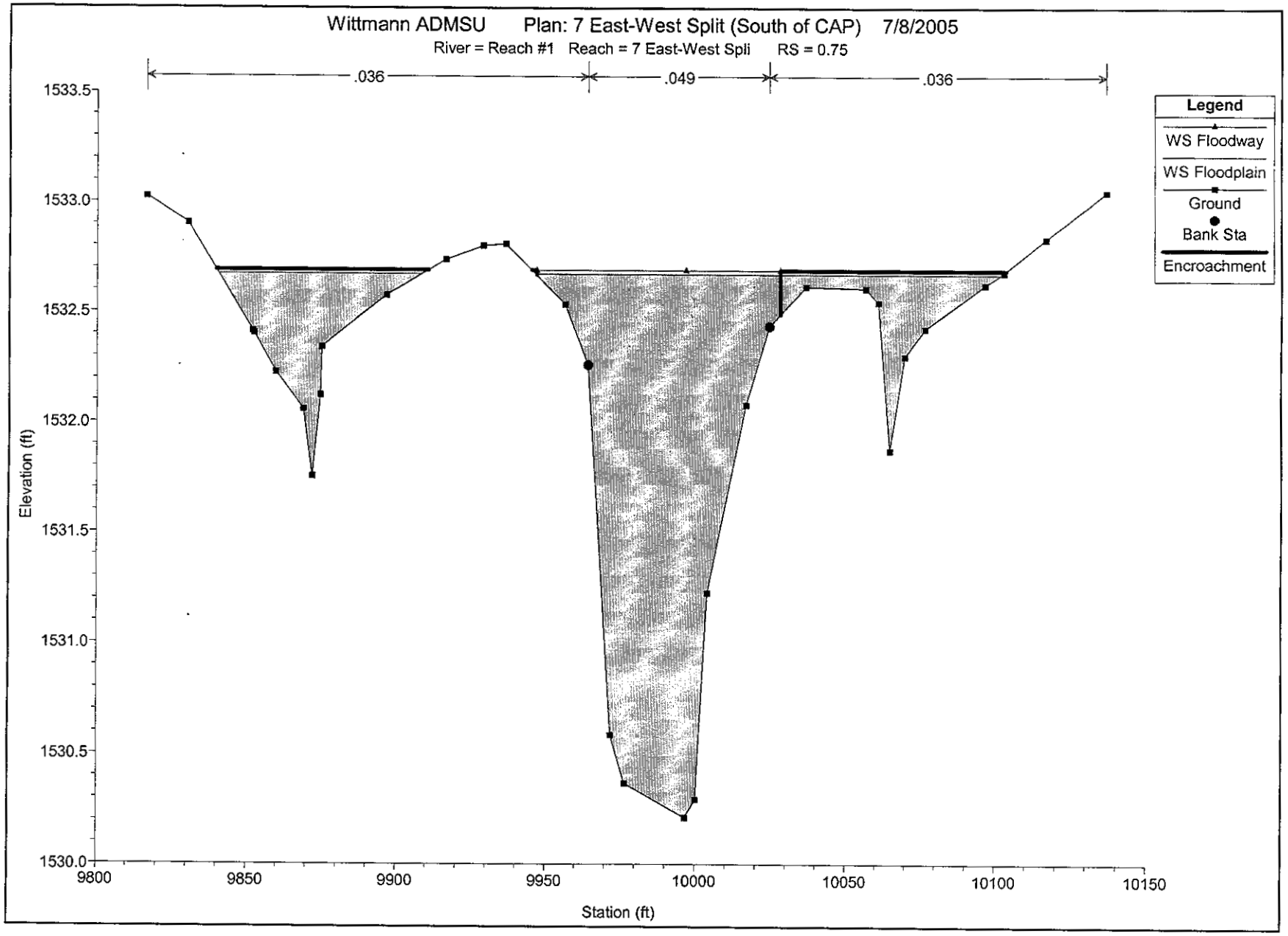

Wittmann ADMSU Plan: 7 East-East Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-East Spli RS = 0.21
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1475
1474
1473
1472
1471
1470
9850
9900
9950
10000
10050
10100
Station (ft)

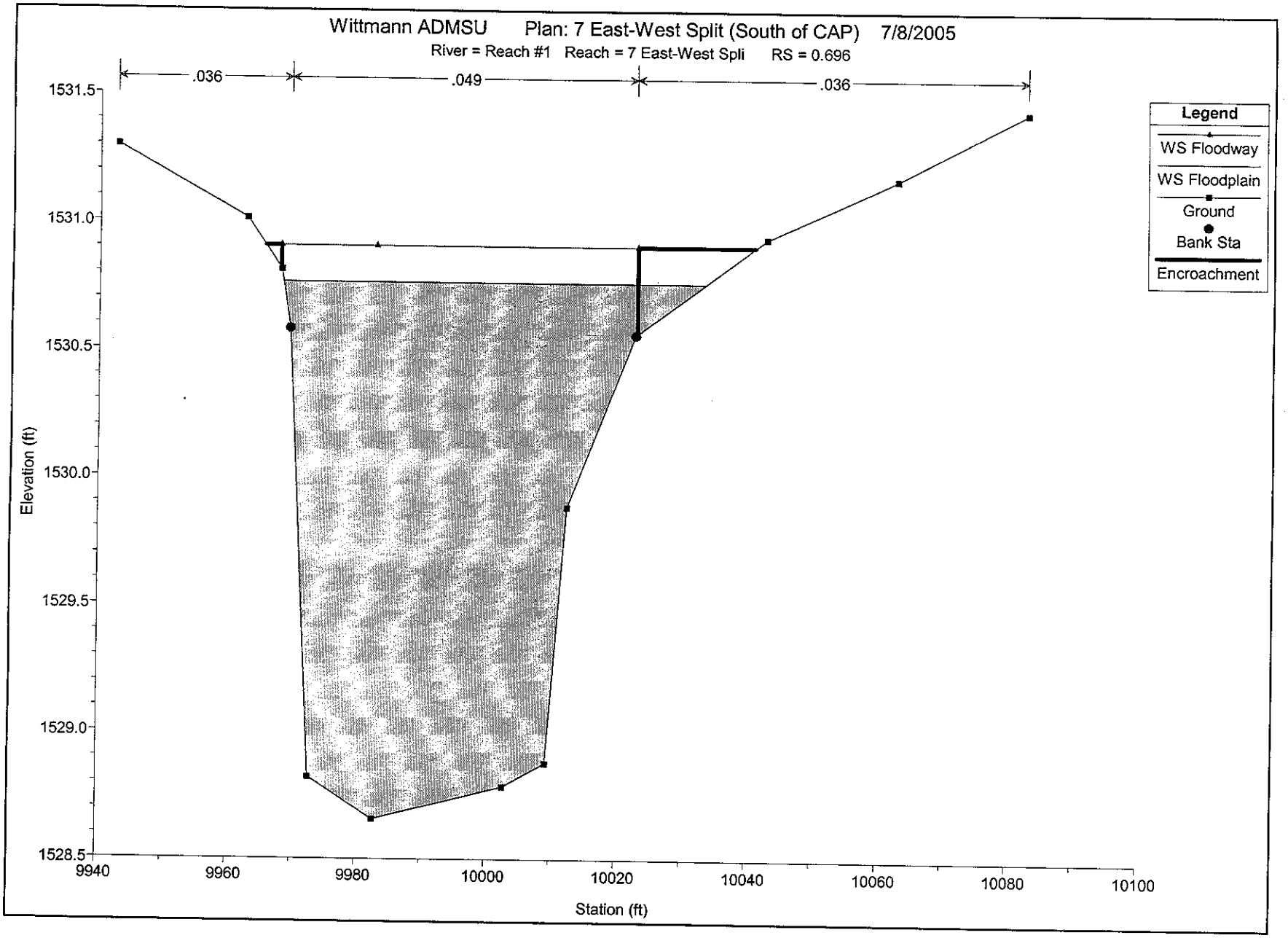
7 EAST – WEST SPLIT

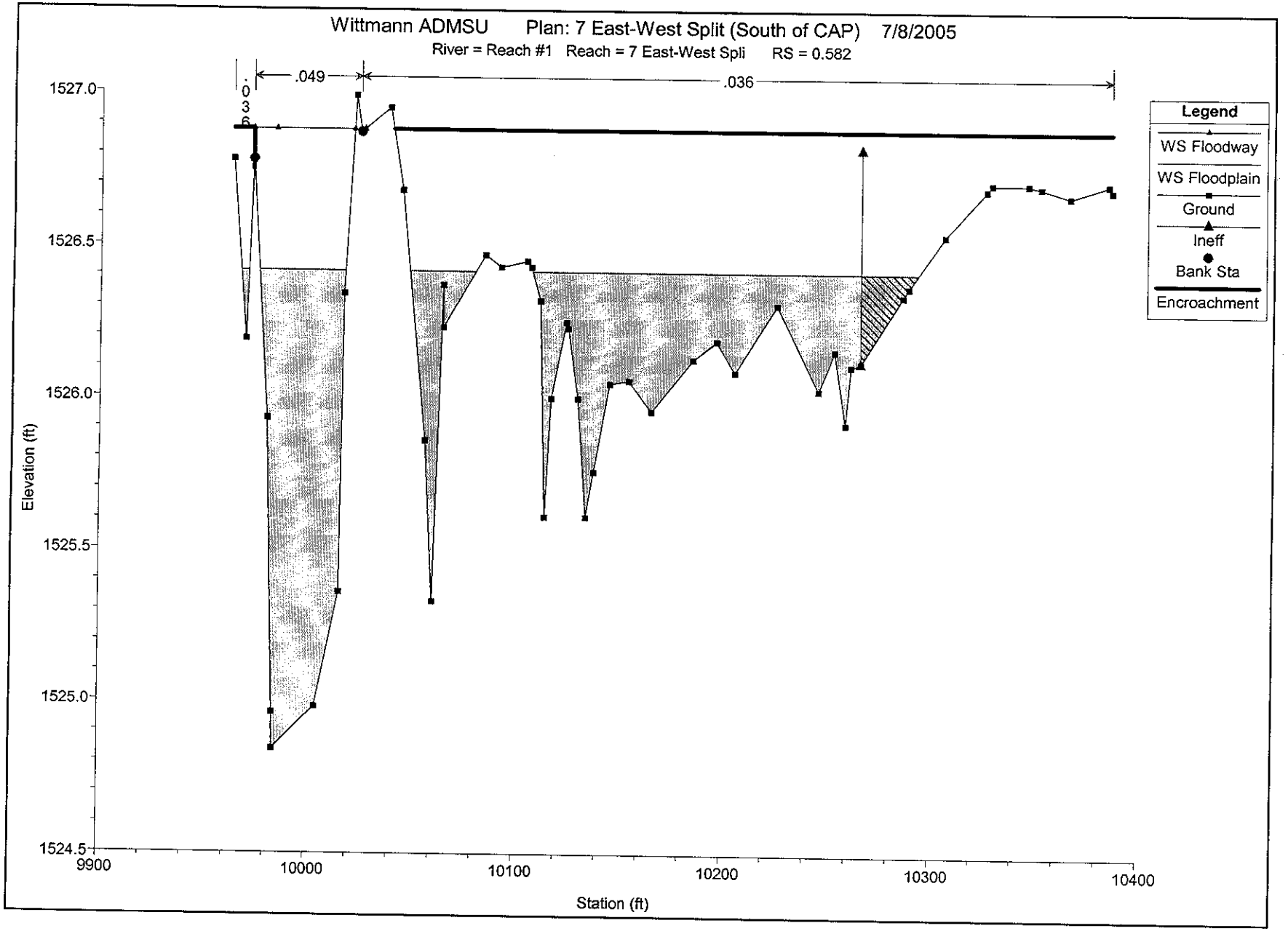

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.951
.036
.049
.036
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1548
1546
1544
1542
1540
1538
9970
9980
9990
10000
10010
10020
Station (ft)

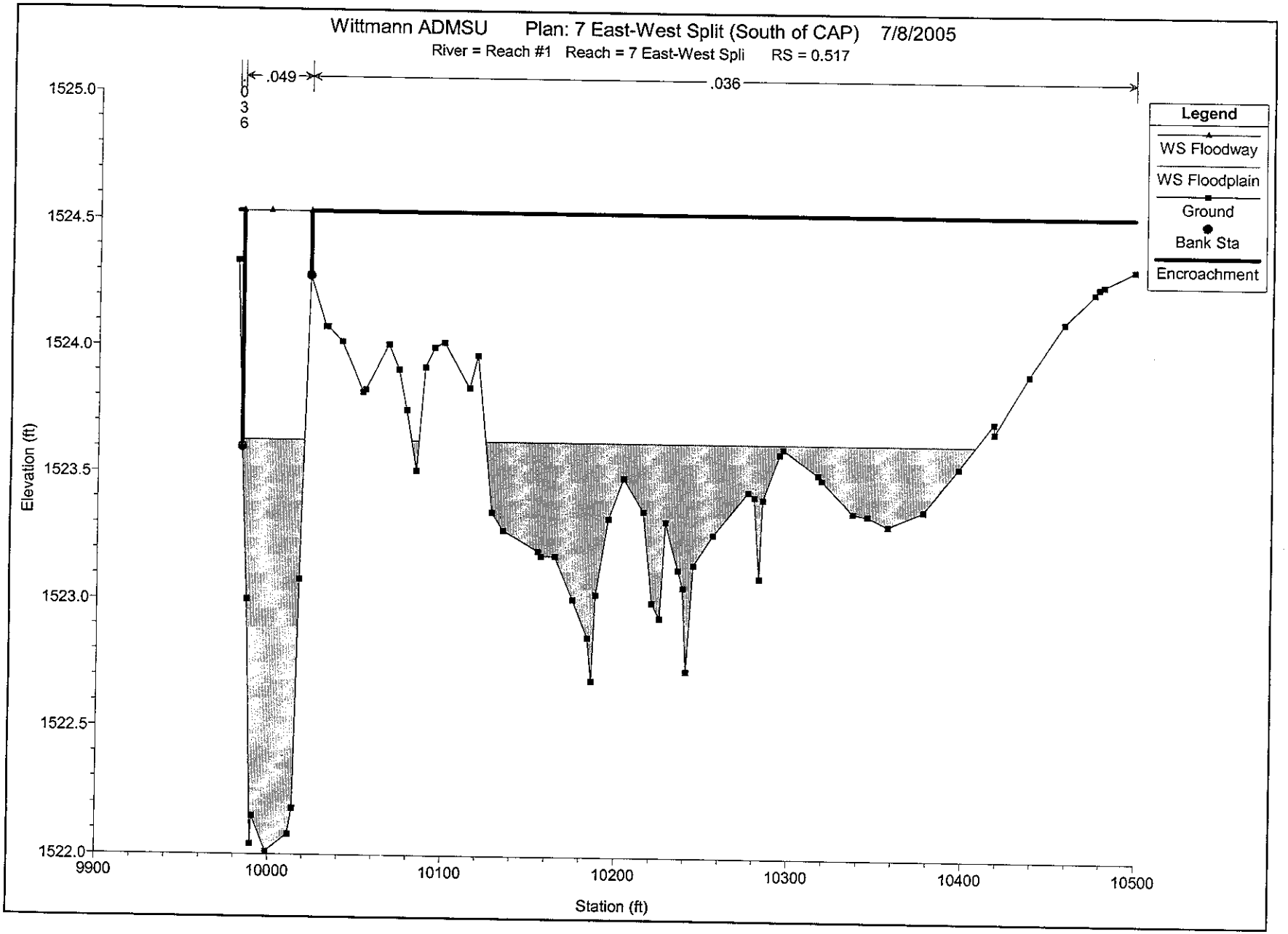

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.9
.036
.049
.036
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1544
1542
1540
1538
1536
1534
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

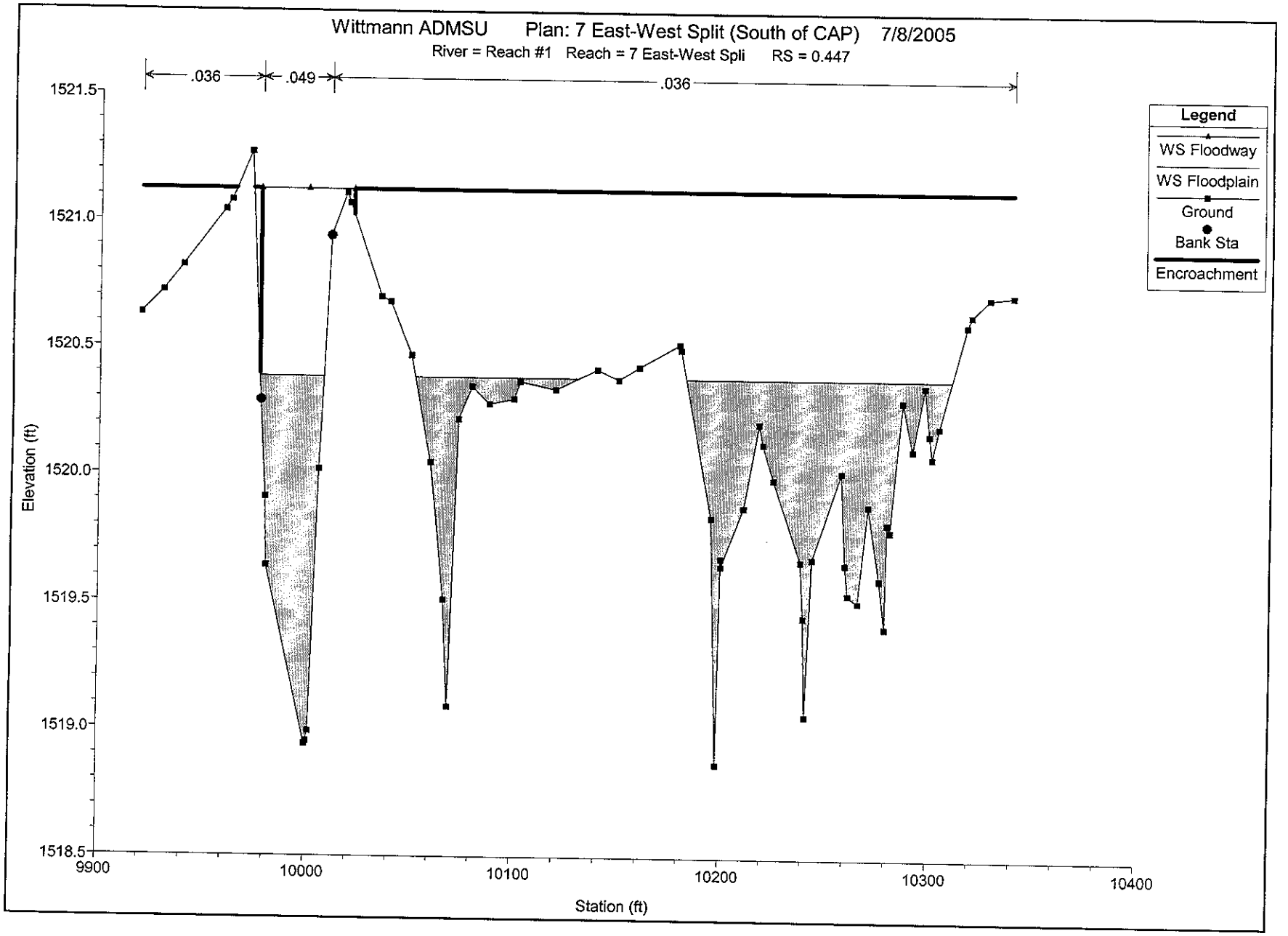

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.815
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1537
1536
1535
1534
1533
1532
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

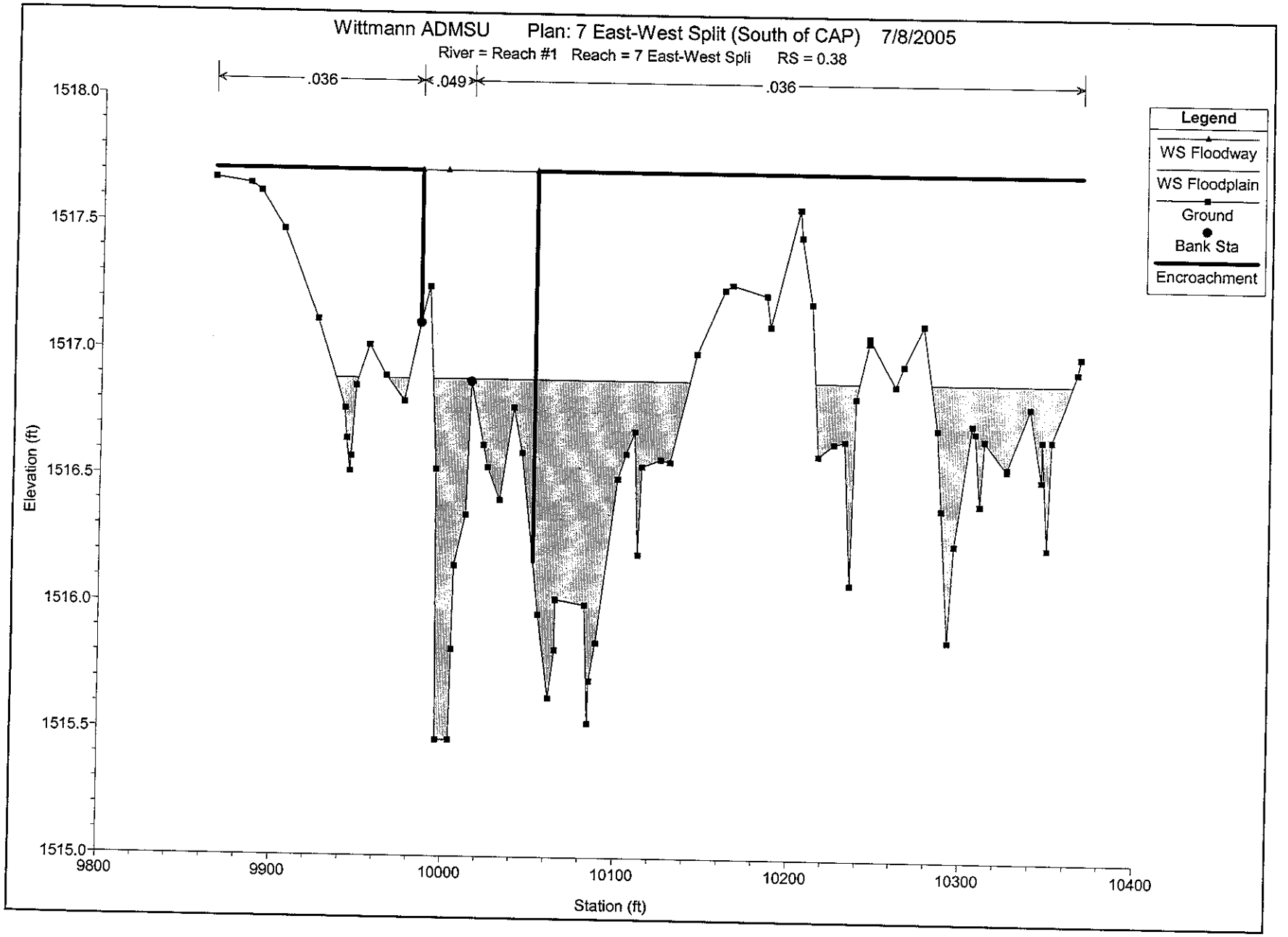

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.75
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1533.5
1533.0
1532.5
1532.0
1531.5
1531.0
1530.5
1530.0
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

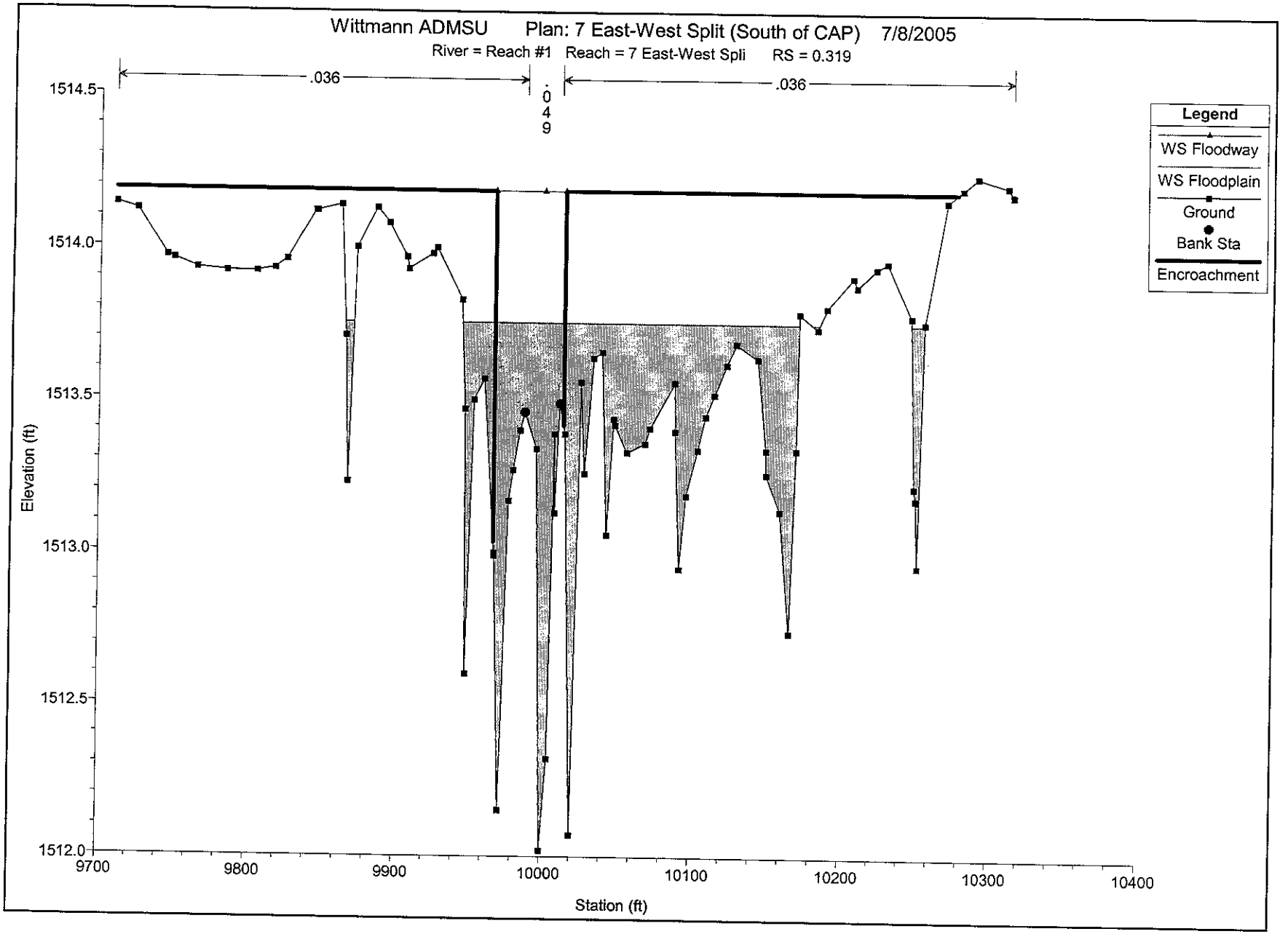

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.696
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1531.5
1531.0
1530.5
1530.0
1529.5
1529.0
1528.5
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

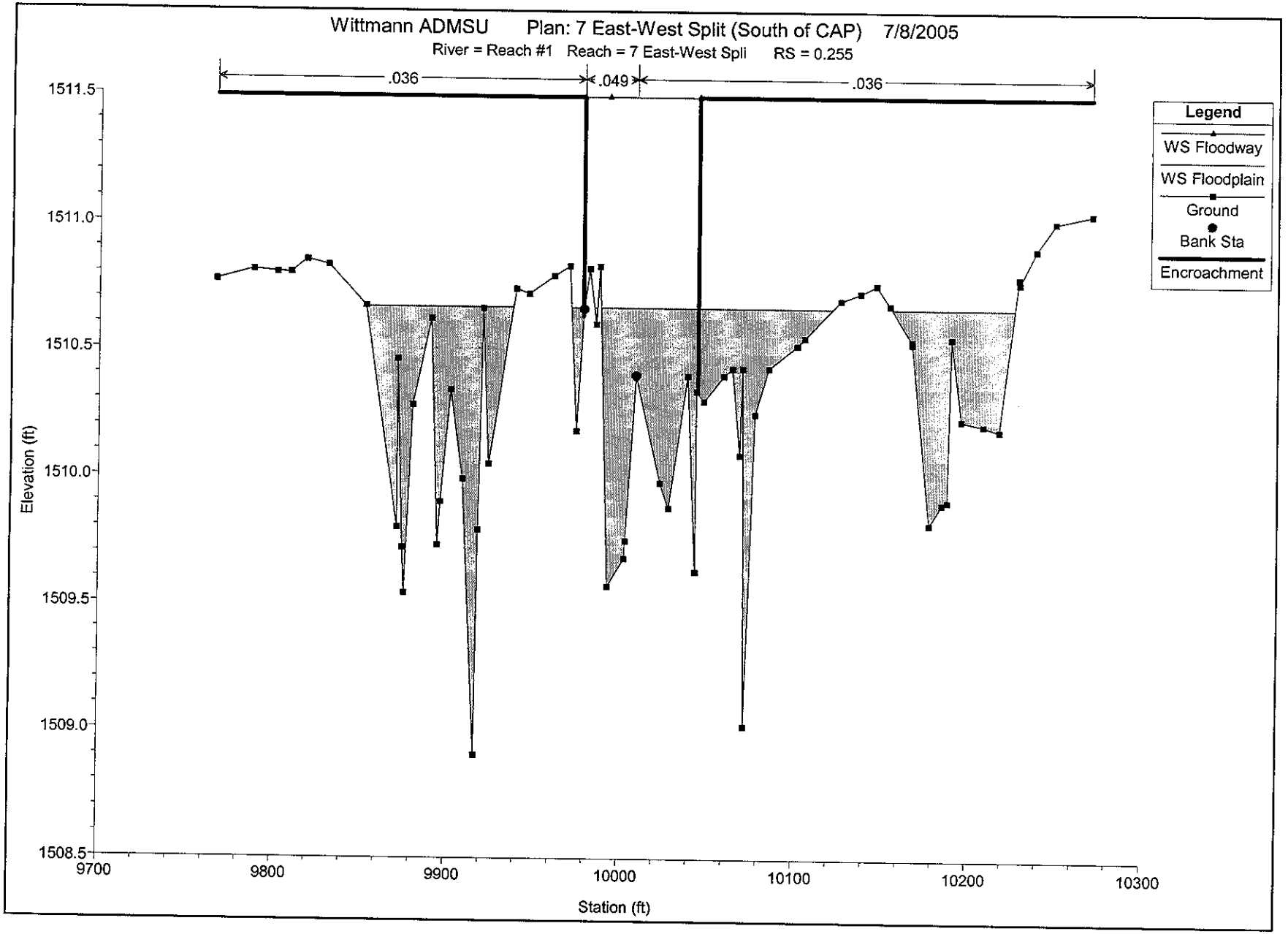

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.582
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1527.0
1526.5
1526.0
1525.5
1525.0
1524.5
9900
10000
10100
10200
10300
10400
Station (ft)

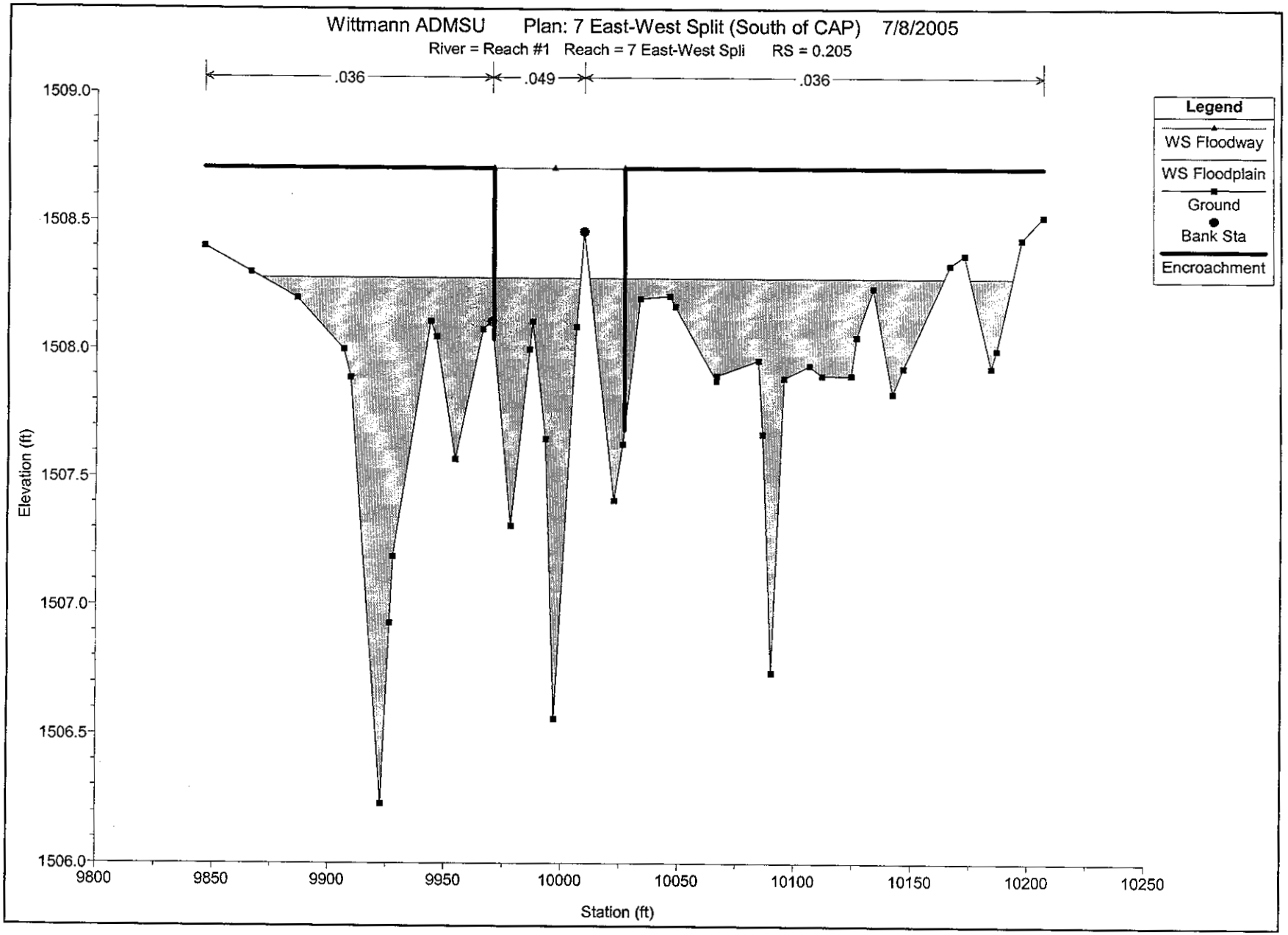

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.517
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1525.0
1524.5
1524.0
1523.5
1523.0
1522.5
1522.0
9900
10000
10100
10200
10300
10400
10500
Station (ft)

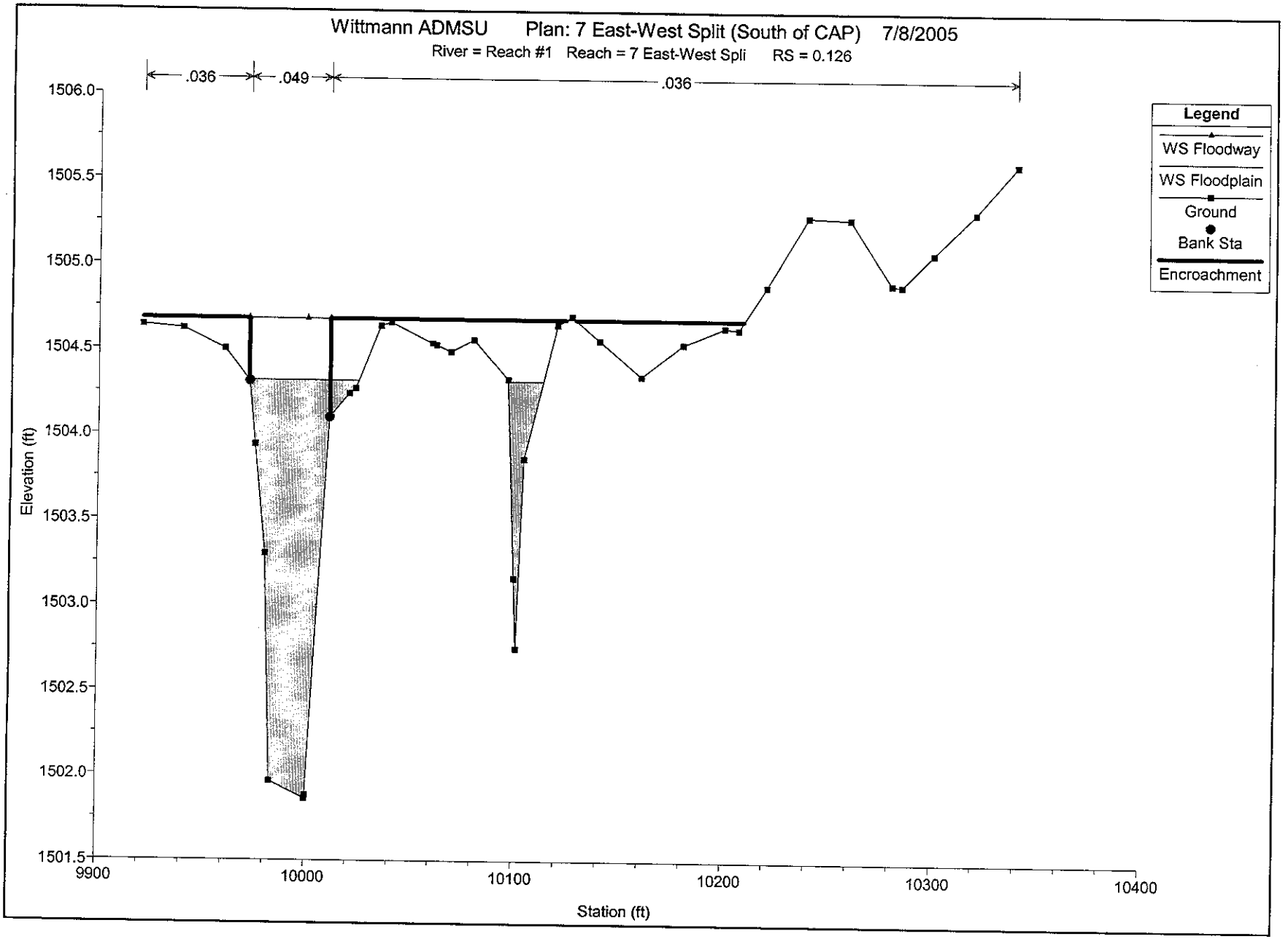

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.447
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1521.5
1521.0
1520.5
1520.0
1519.5
1519.0
1518.5
9900
10000
10100
10200
10300
10400
Station (ft)

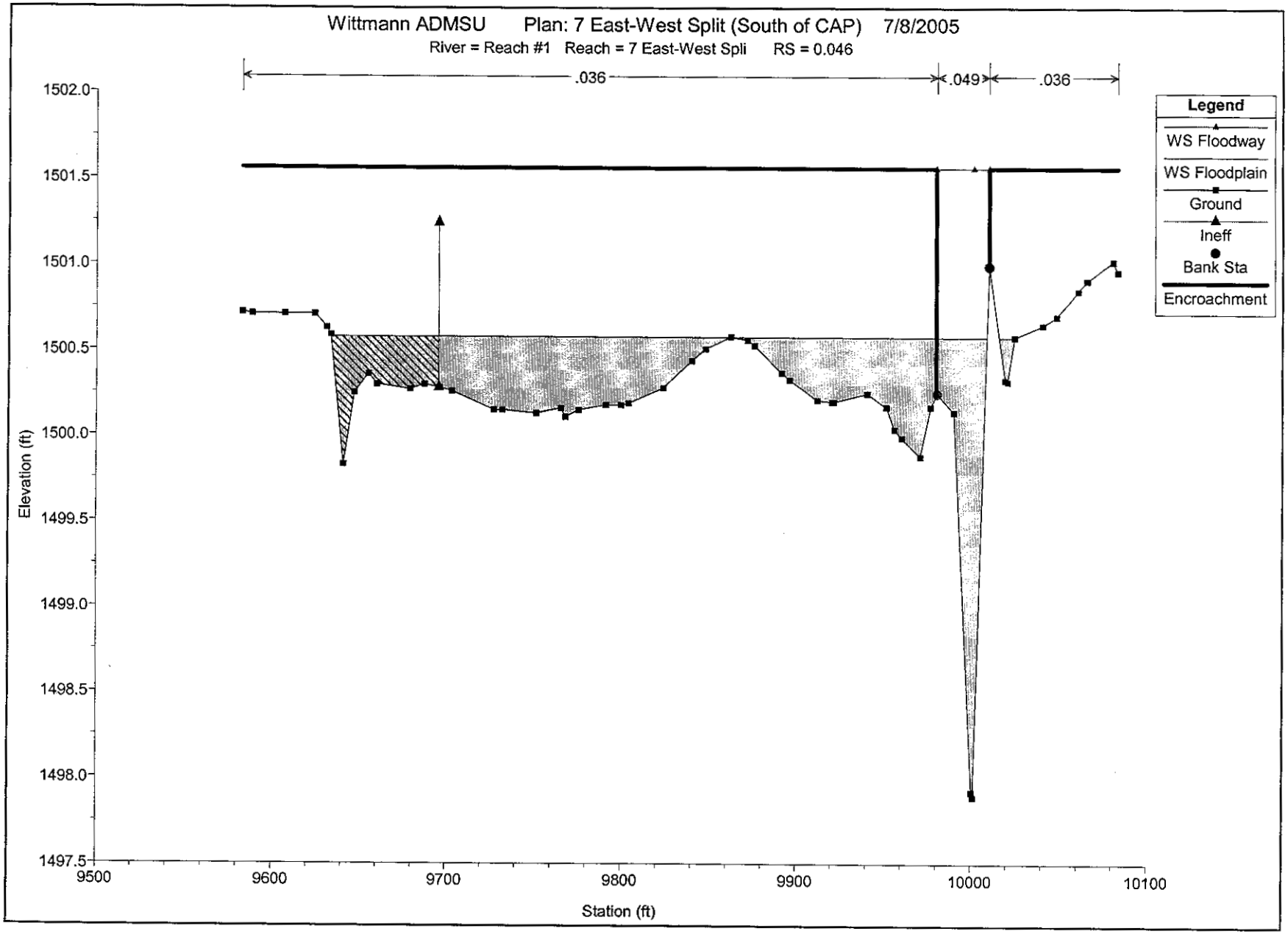

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.38
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1518.0
1517.5
1517.0
1516.5
1516.0
1515.5
1515.0
9800
9900
10000
10100
10200
10300
10400
Station (ft)


Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.319
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1514.5
1514.0
1513.5
1513.0
1512.5
1512.0
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

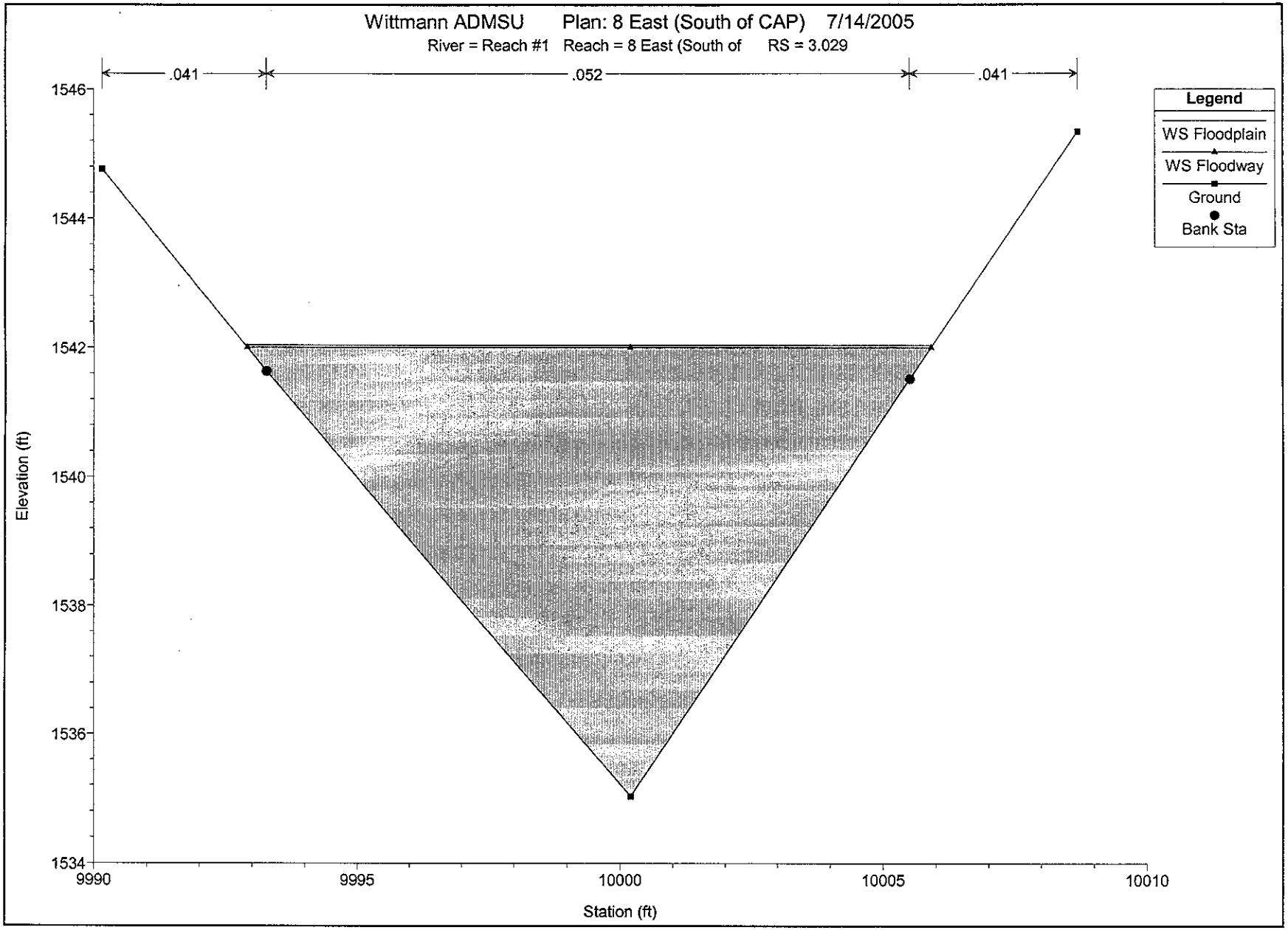

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.255
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1511.5
1511.0
1510.5
1510.0
1509.5
1509.0
1508.5
9700
9800
9900
10000
10100
10200
10300
Station (ft)

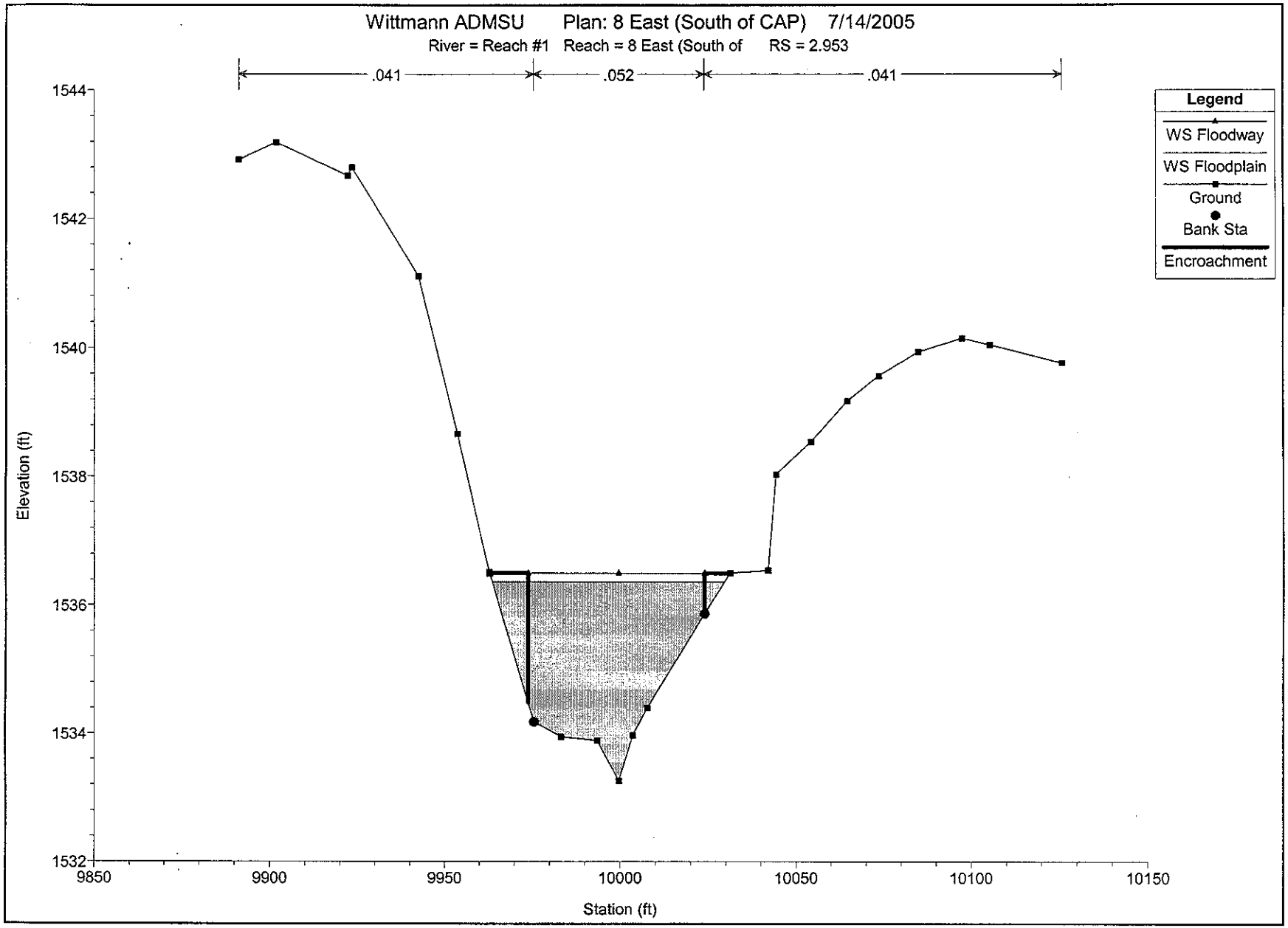

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.205
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1509.0
1508.5
1508.0
1507.5
1507.0
1506.5
1506.0
9800
9850
9900
9950
10000
10050
10100
10150
10200
10250
Station (ft)

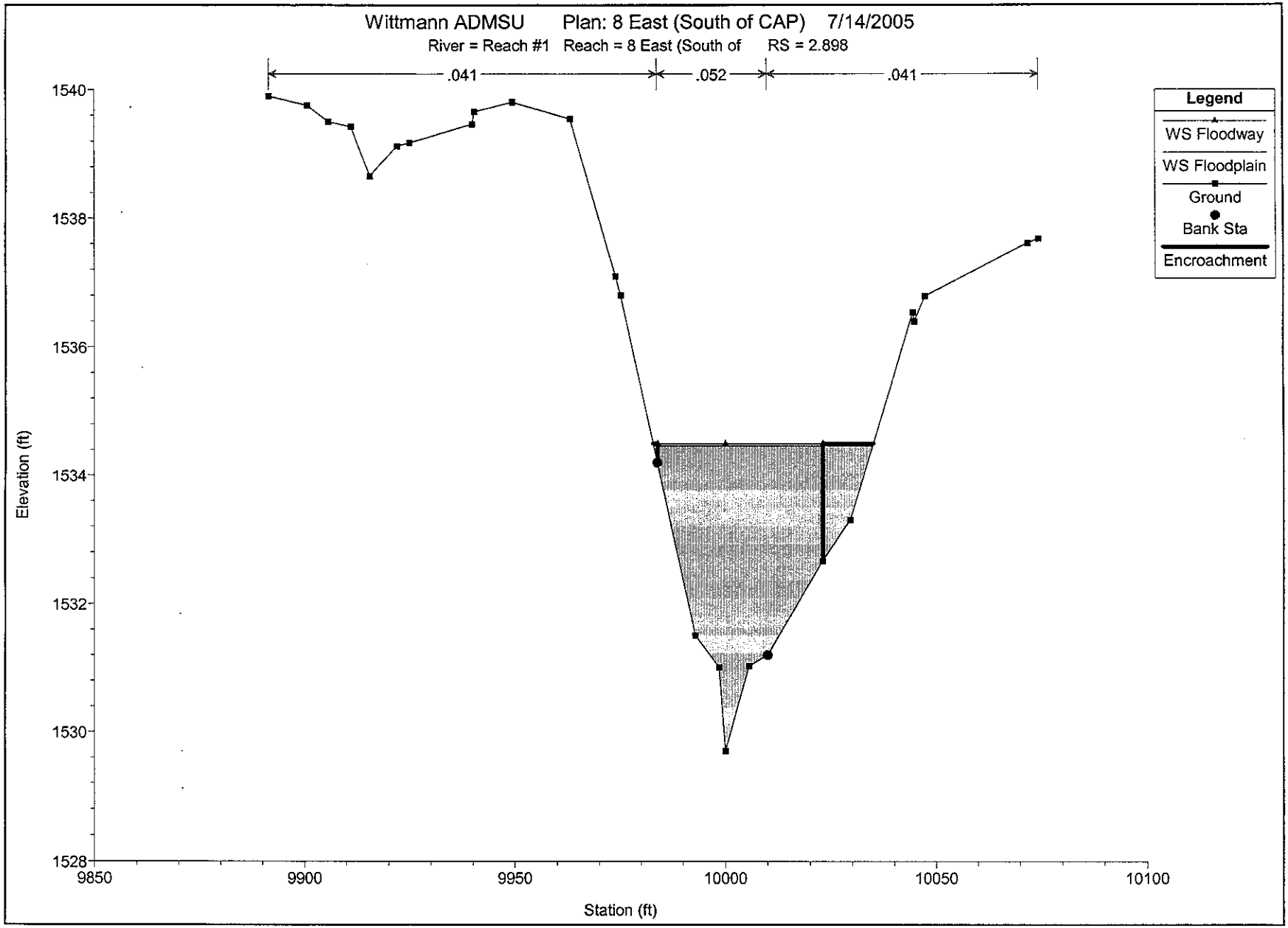

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.126
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1506.0
1505.5
1505.0
1504.5
1504.0
1503.5
1503.0
1502.5
1502.0
1501.5
9900
10000
10100
10200
10300
10400
Station (ft)

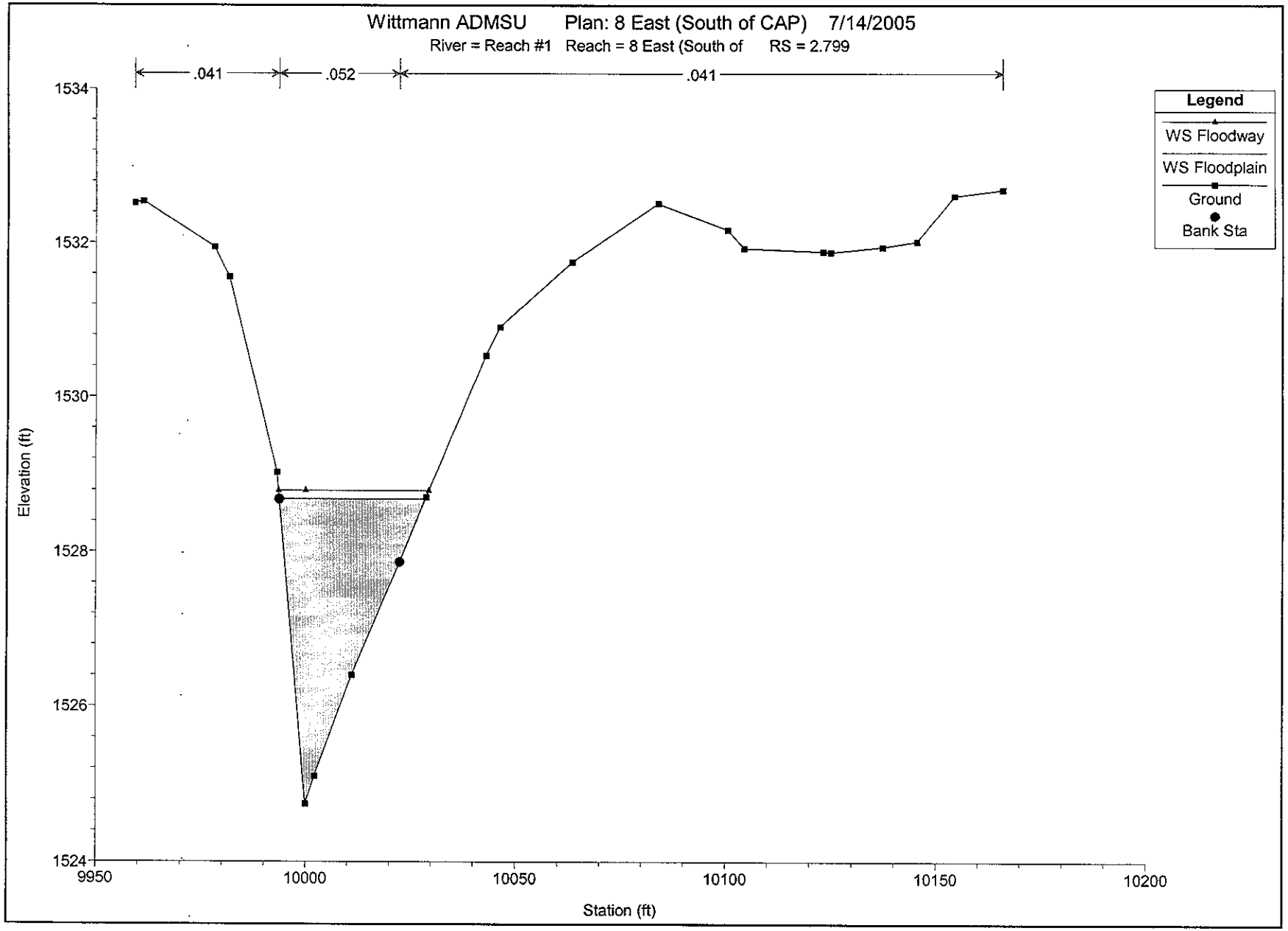

Wittmann ADMSU Plan: 7 East-West Split (South of CAP) 7/8/2005
River = Reach #1 Reach = 7 East-West Spli RS = 0.046
.036
.049
.036
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1502.0
1501.5
1501.0
1500.5
1500.0
1499.5
1499.0
1498.5
1498.0
1497.5
9500
9600
9700
9800
9900
10000
10100
Station (ft)

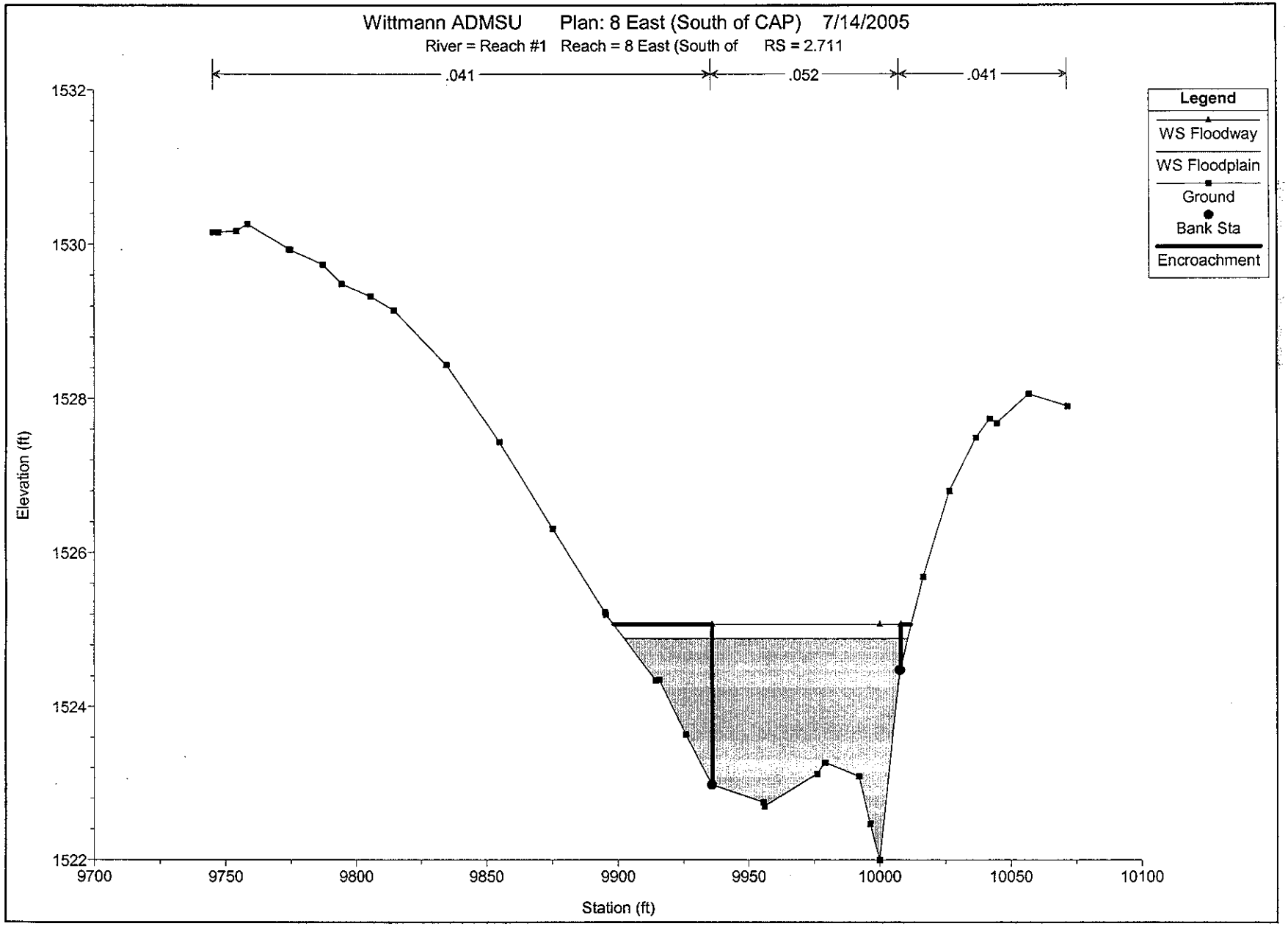
8 EAST

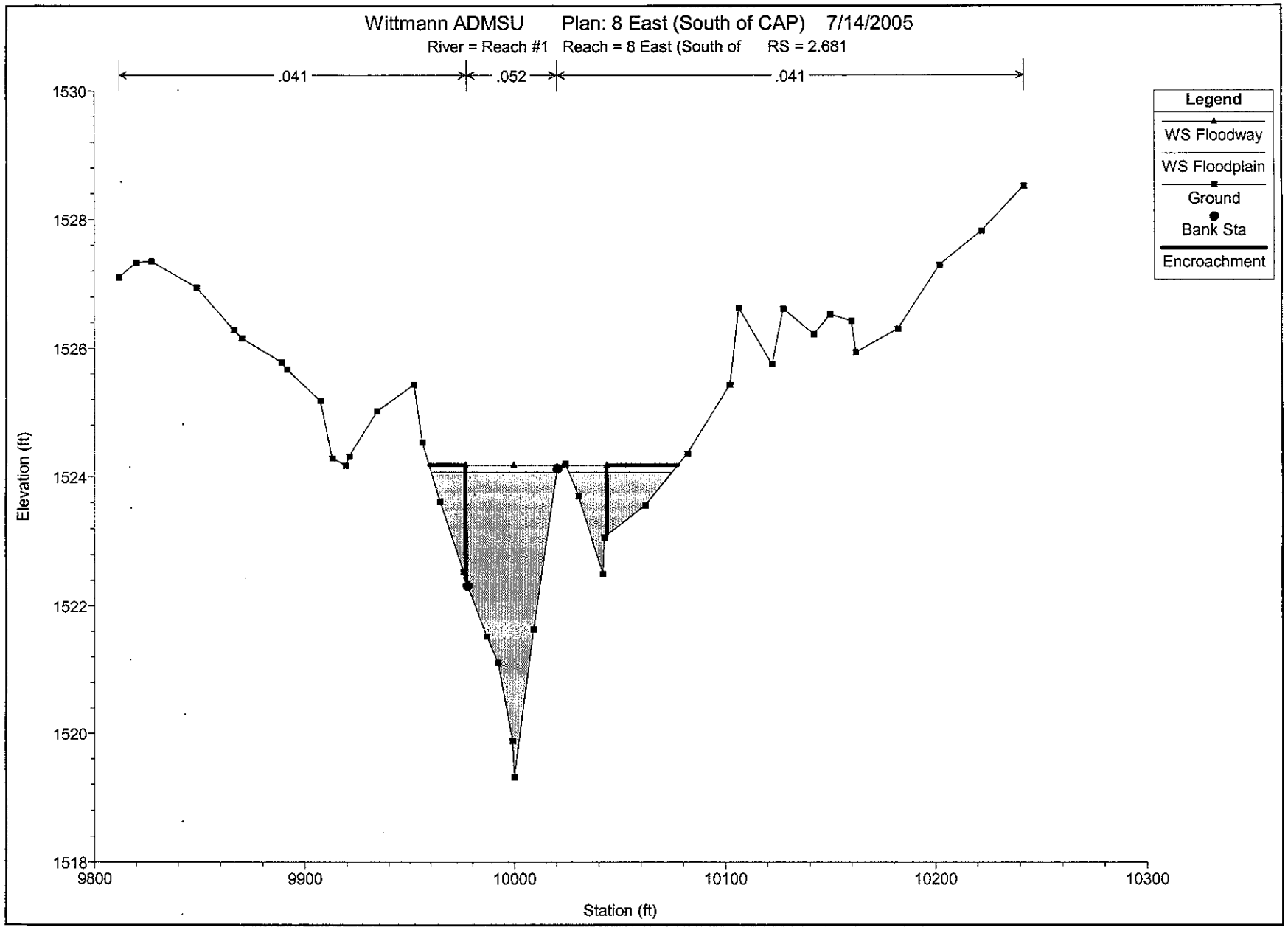

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 3.029
.041
.052
.041
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1546
1544
1542
1540
1538
1536
1534
9990
9995
10000
10005
10010
Station (ft)

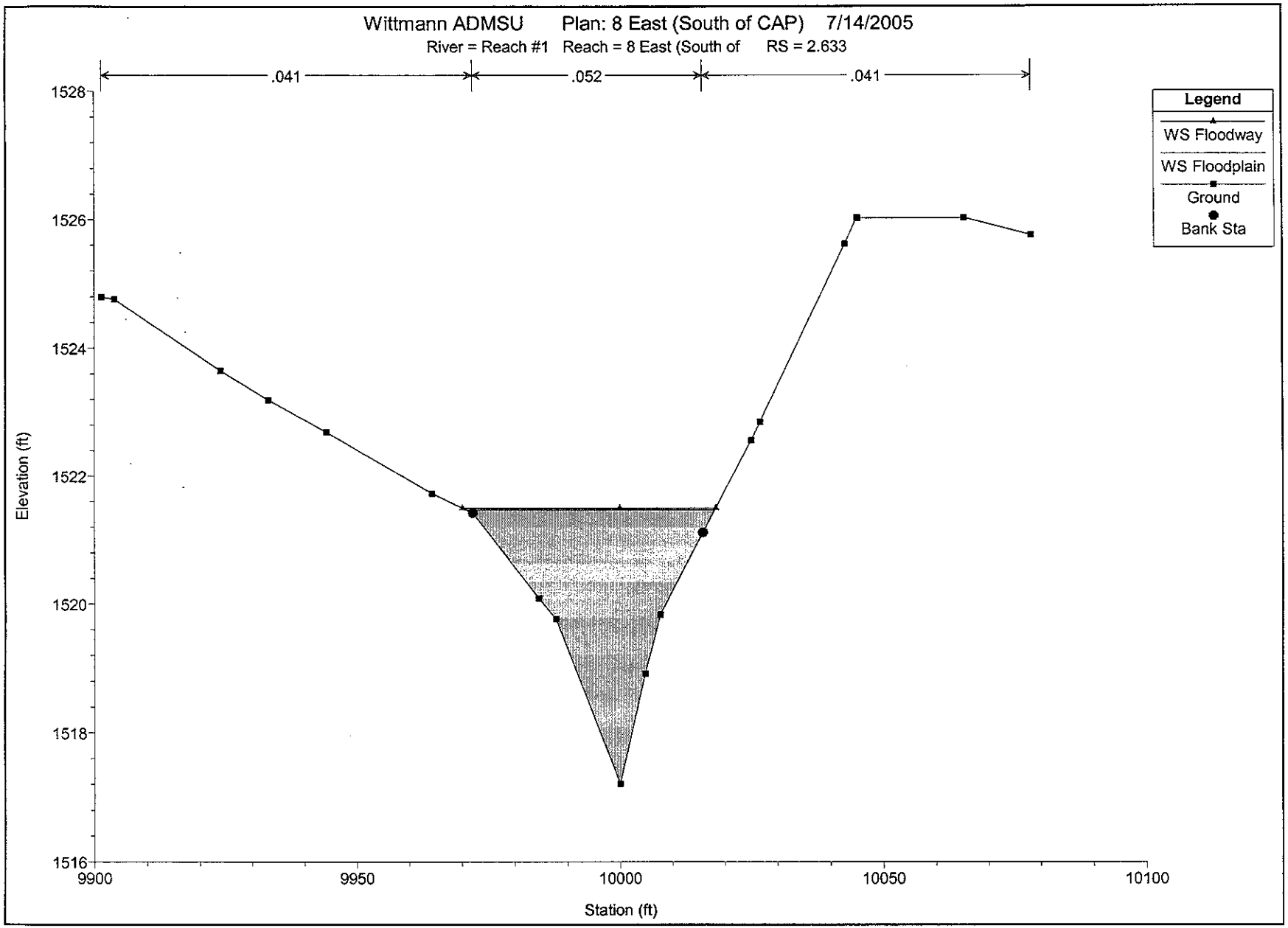

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.953
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1544
1542
1540
1538
1536
1534
1532
9850
9900
9950
10000
10050
10100
10150
Station (ft)

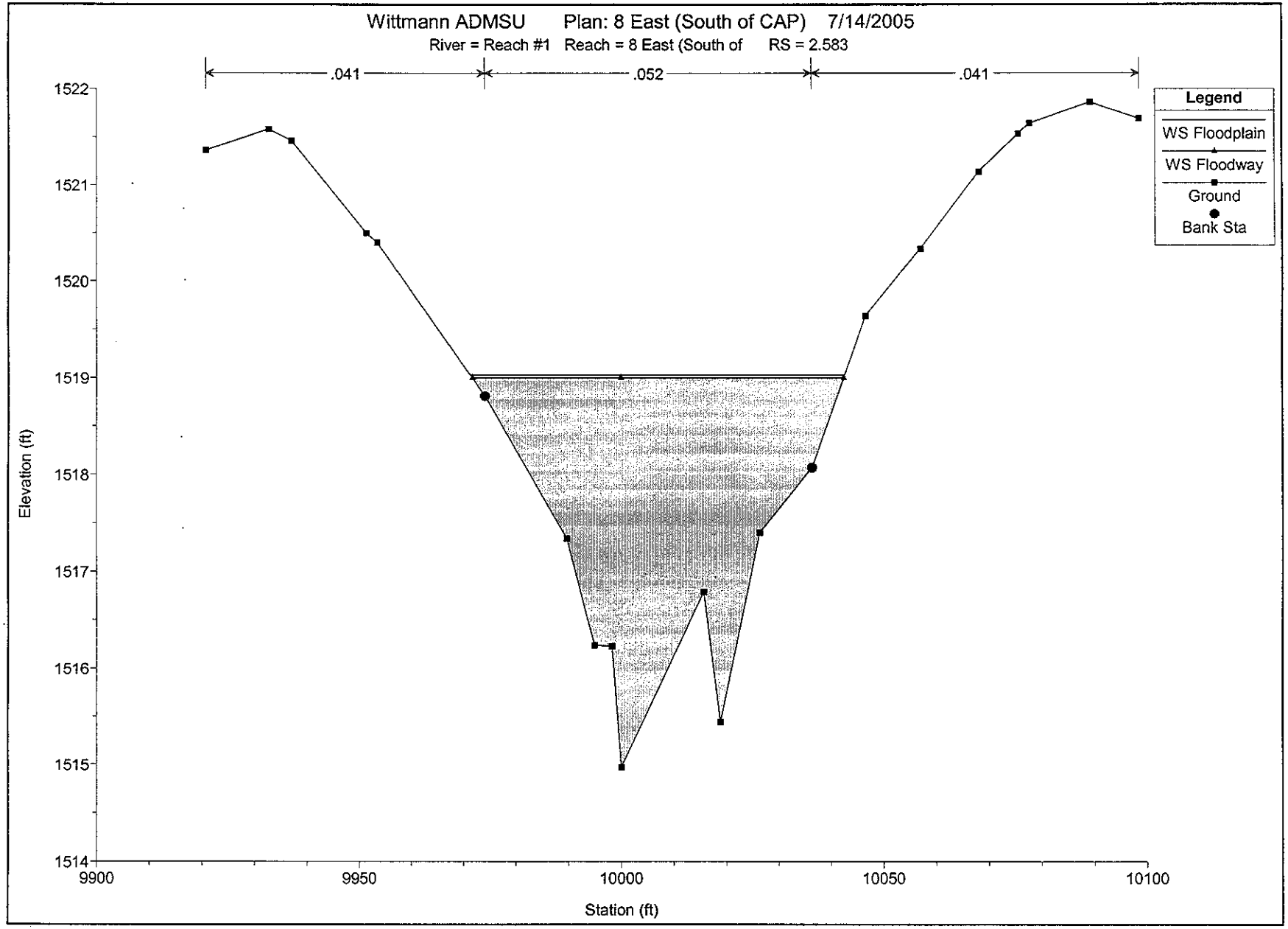

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.898
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1540
1538
1536
1534
1532
1530
1528
9850
9900
9950
10000
10050
10100
Station (ft)

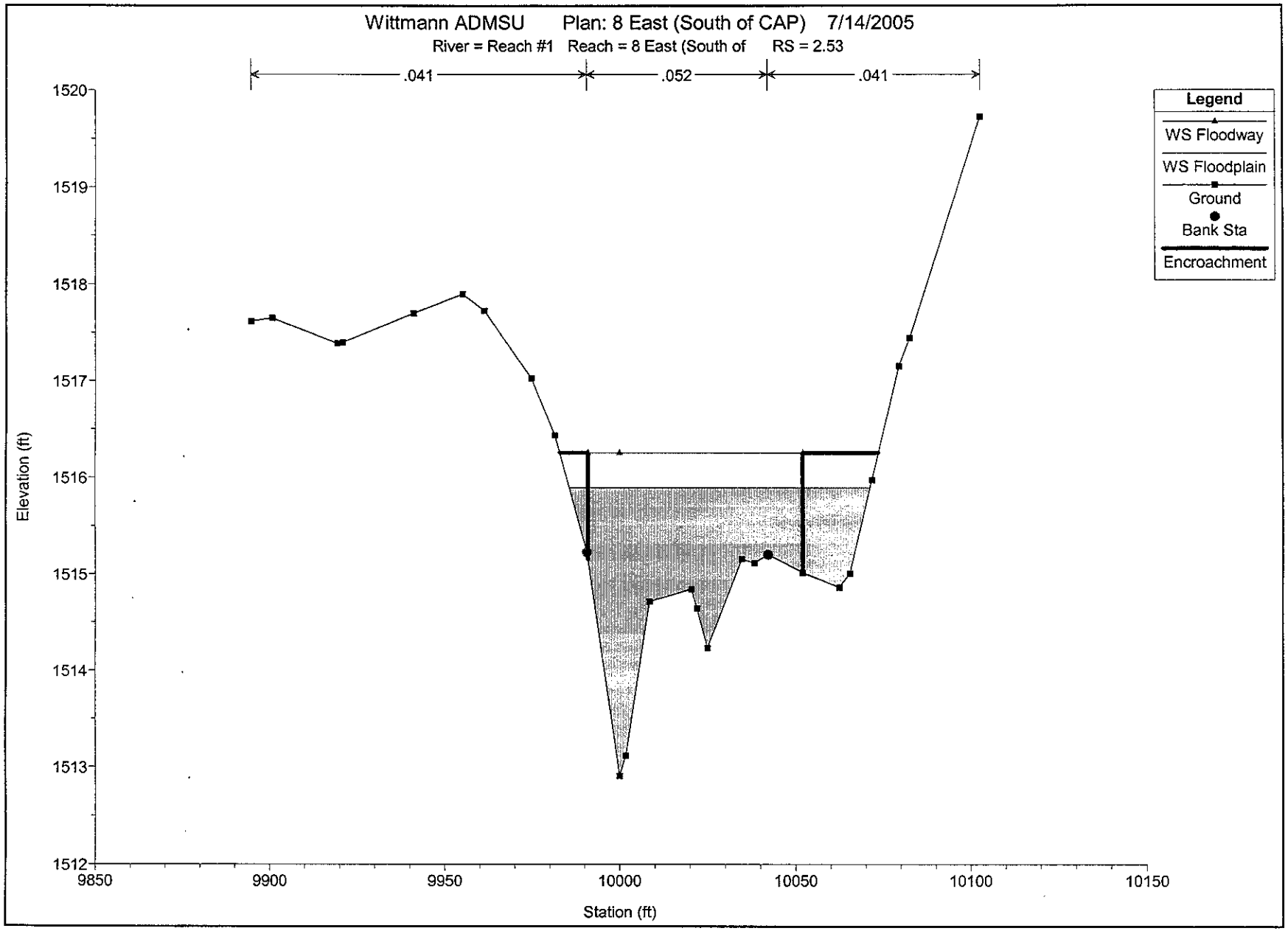

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.799
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1534
1532
1530
1528
1526
1524
9950
10000
10050
10100
10150
10200
Station (ft)

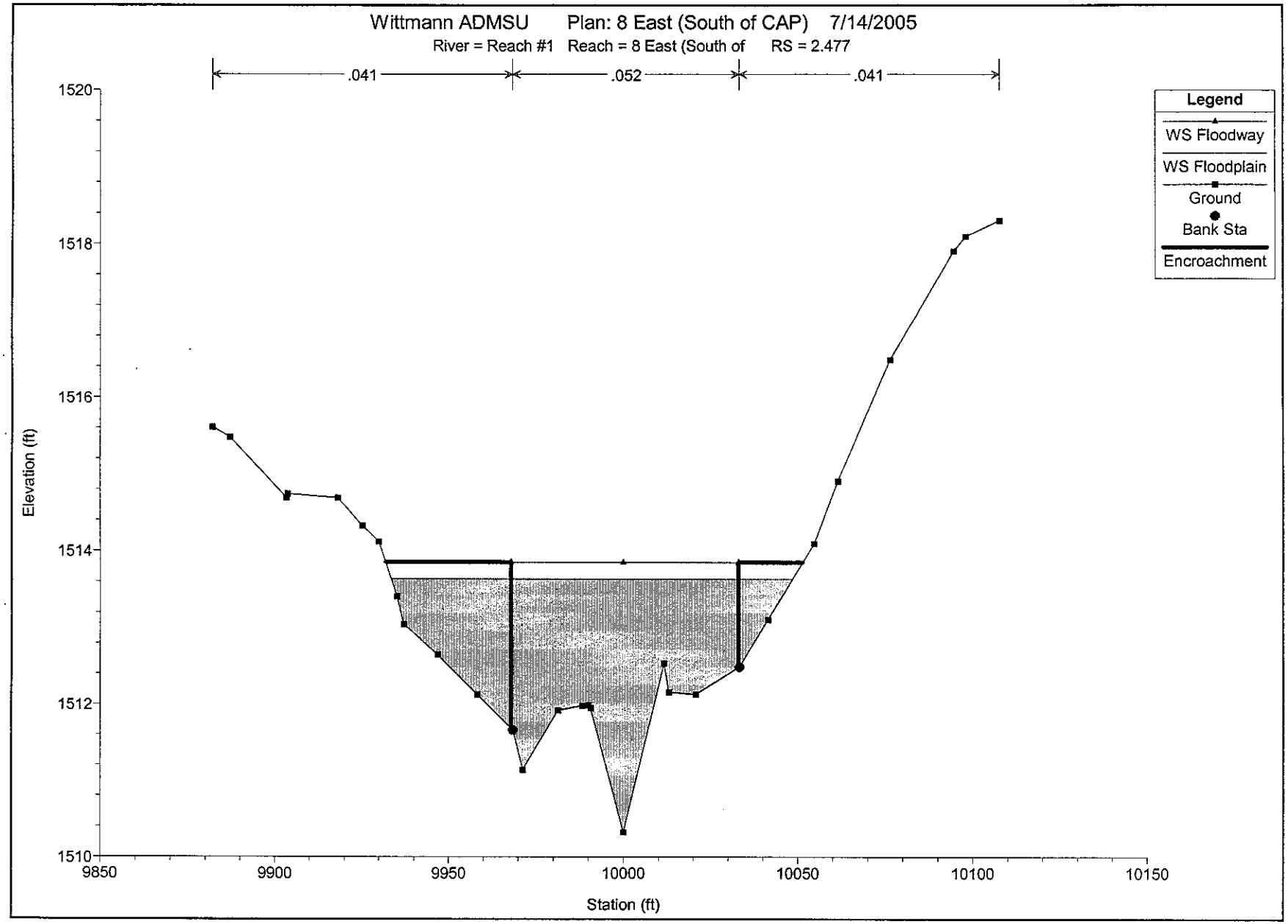

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.711
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1532
1530
1528
1526
1524
1522
9700
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)

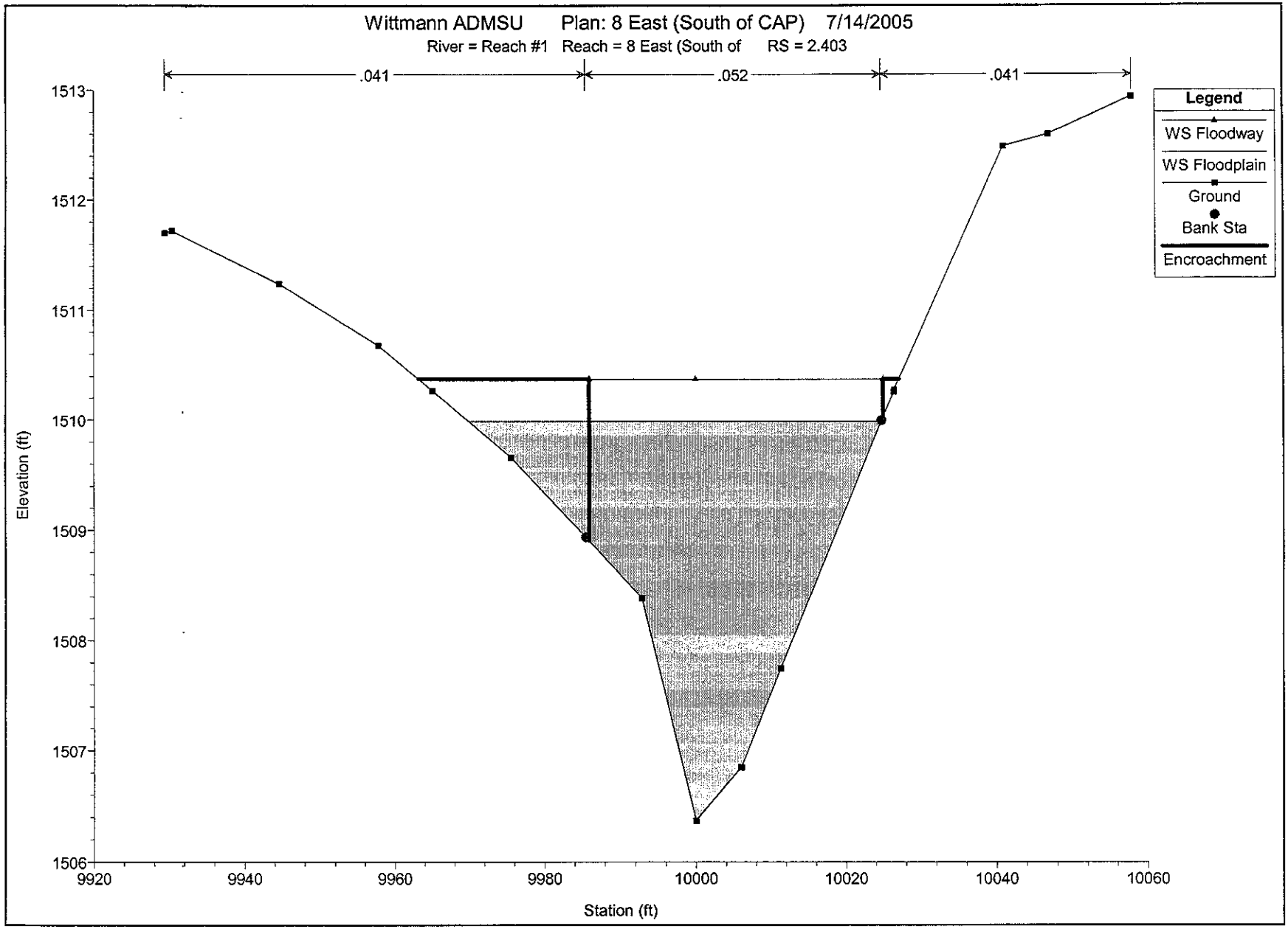

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.681
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1530
1528
1526
1524
1522
1520
1518
9800
9900
10000
10100
10200
10300
Station (ft)

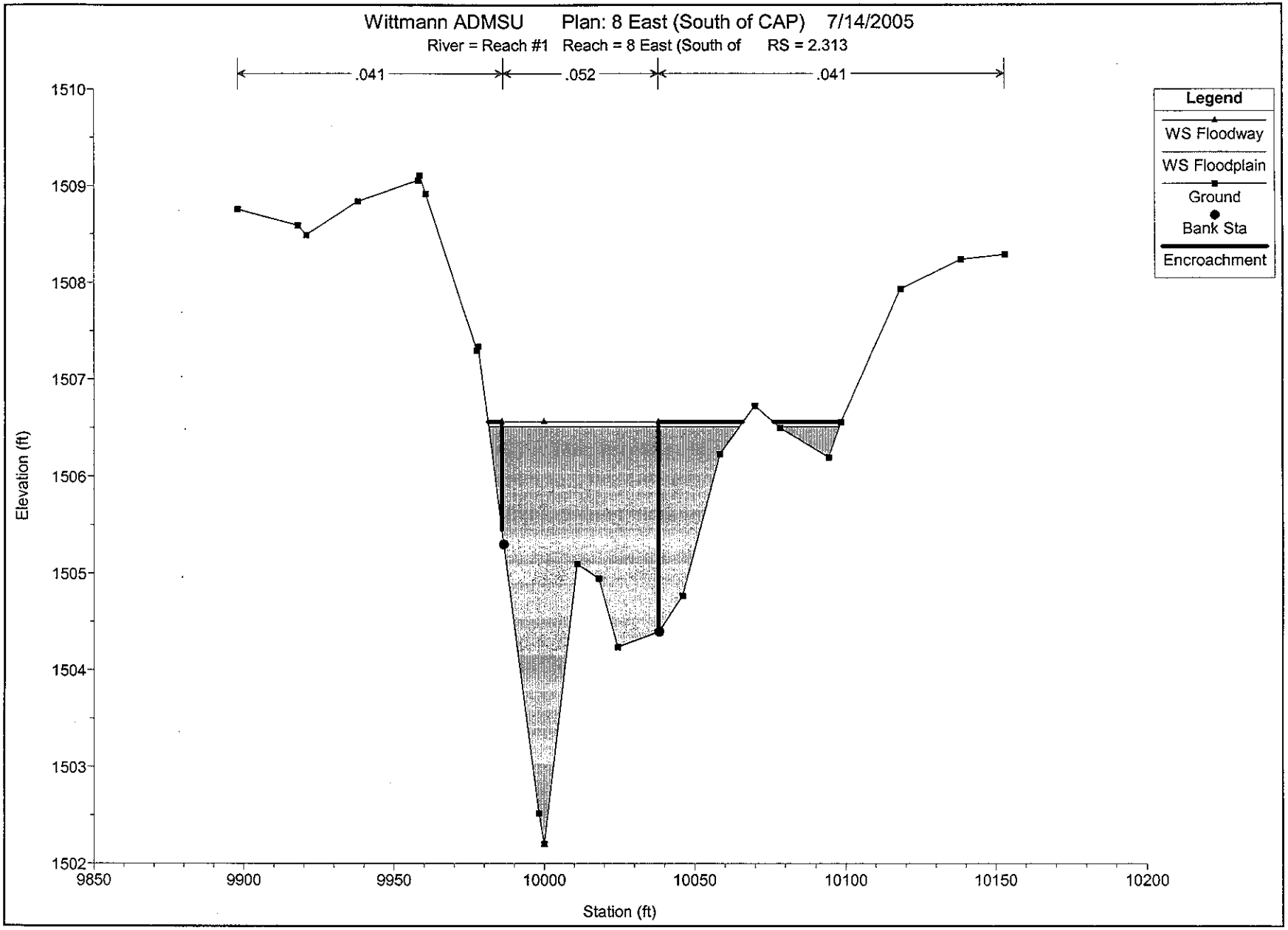

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.633
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1528
1526
1524
1522
1520
1518
1516
9900
9950
10000
10050
10100
Station (ft)

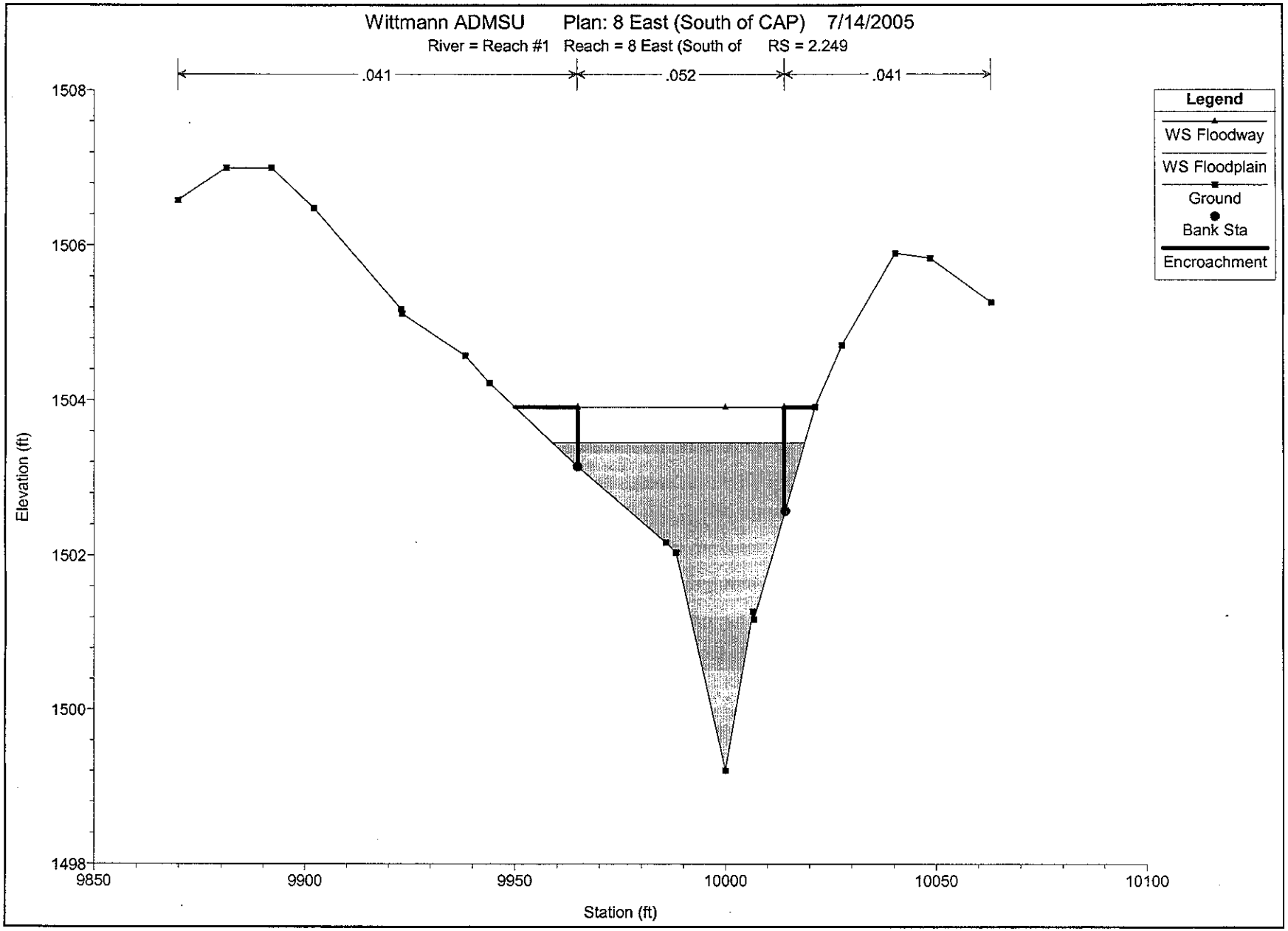

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.583
.041
.052
.041
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1522
1521
1520
1519
1518
1517
1516
1515
1514
9900
9950
10000
10050
10100
Station (ft)

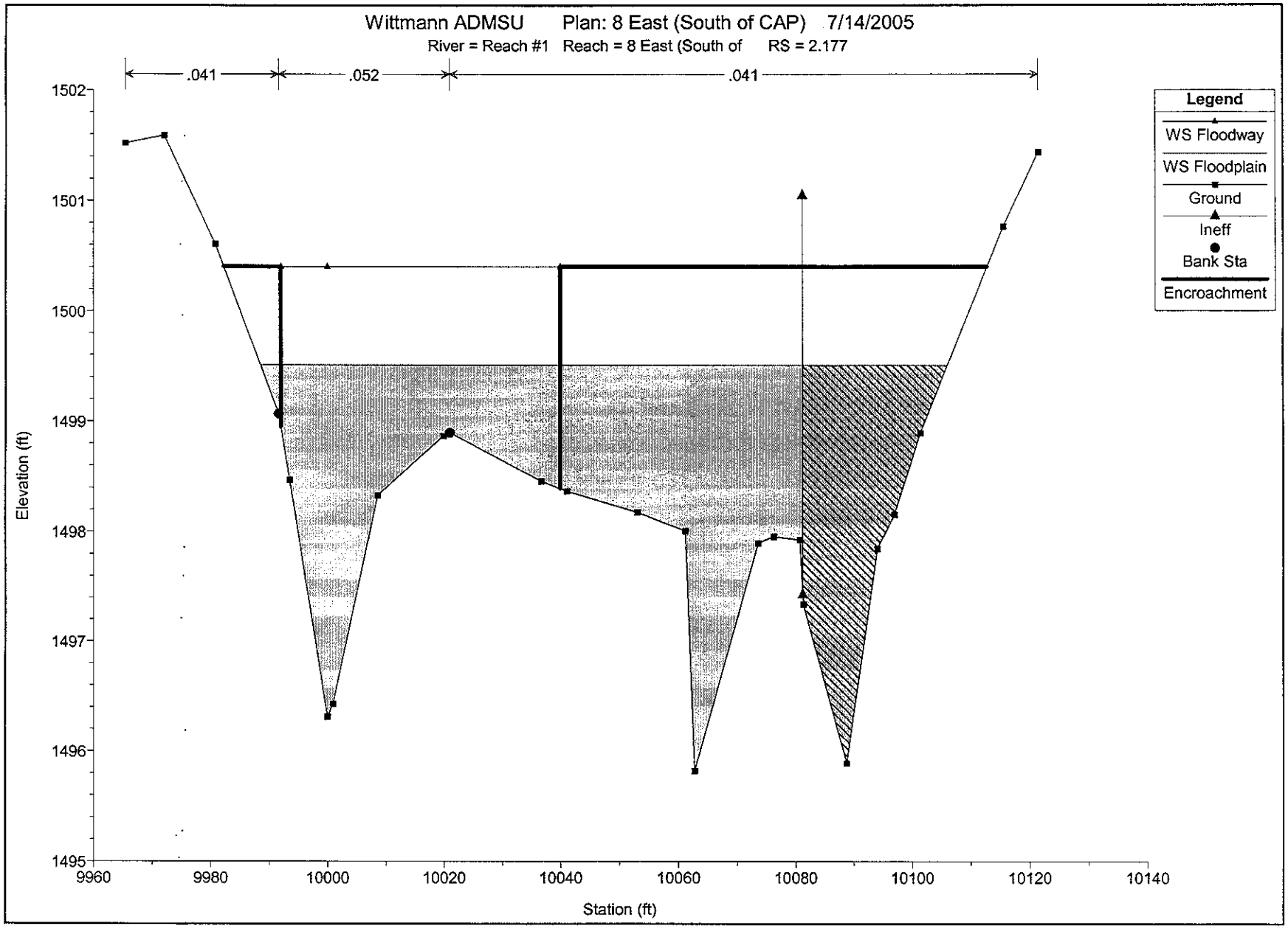

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.53
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1520
1519
1518
1517
1516
1515
1514
1513
1512
9850
9900
9950
10000
10050
10100
10150
Station (ft)

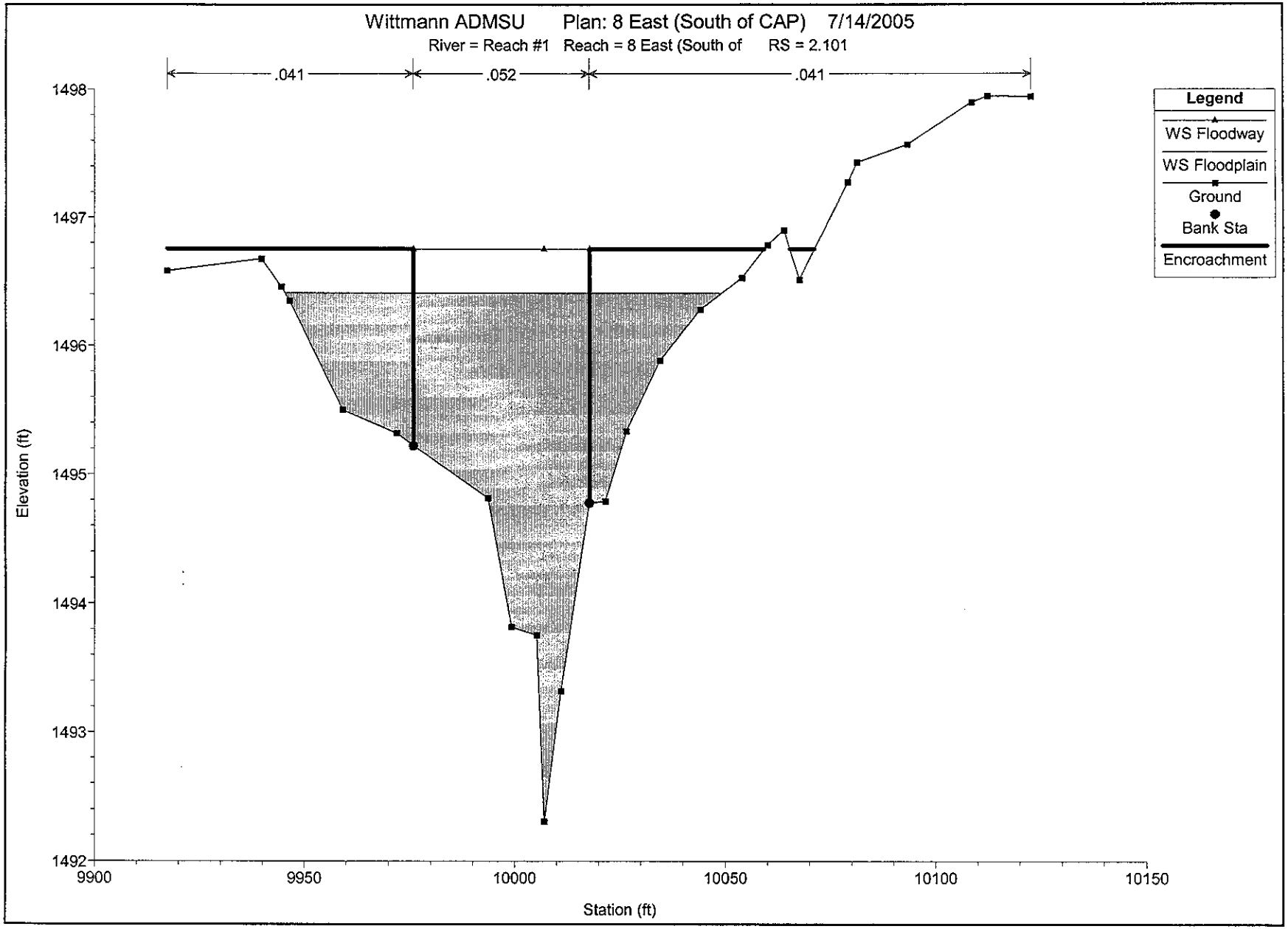

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.477
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1520
1518
1516
1514
1512
1510
9850
9900
9950
10000
10050
10100
10150
Station (ft)

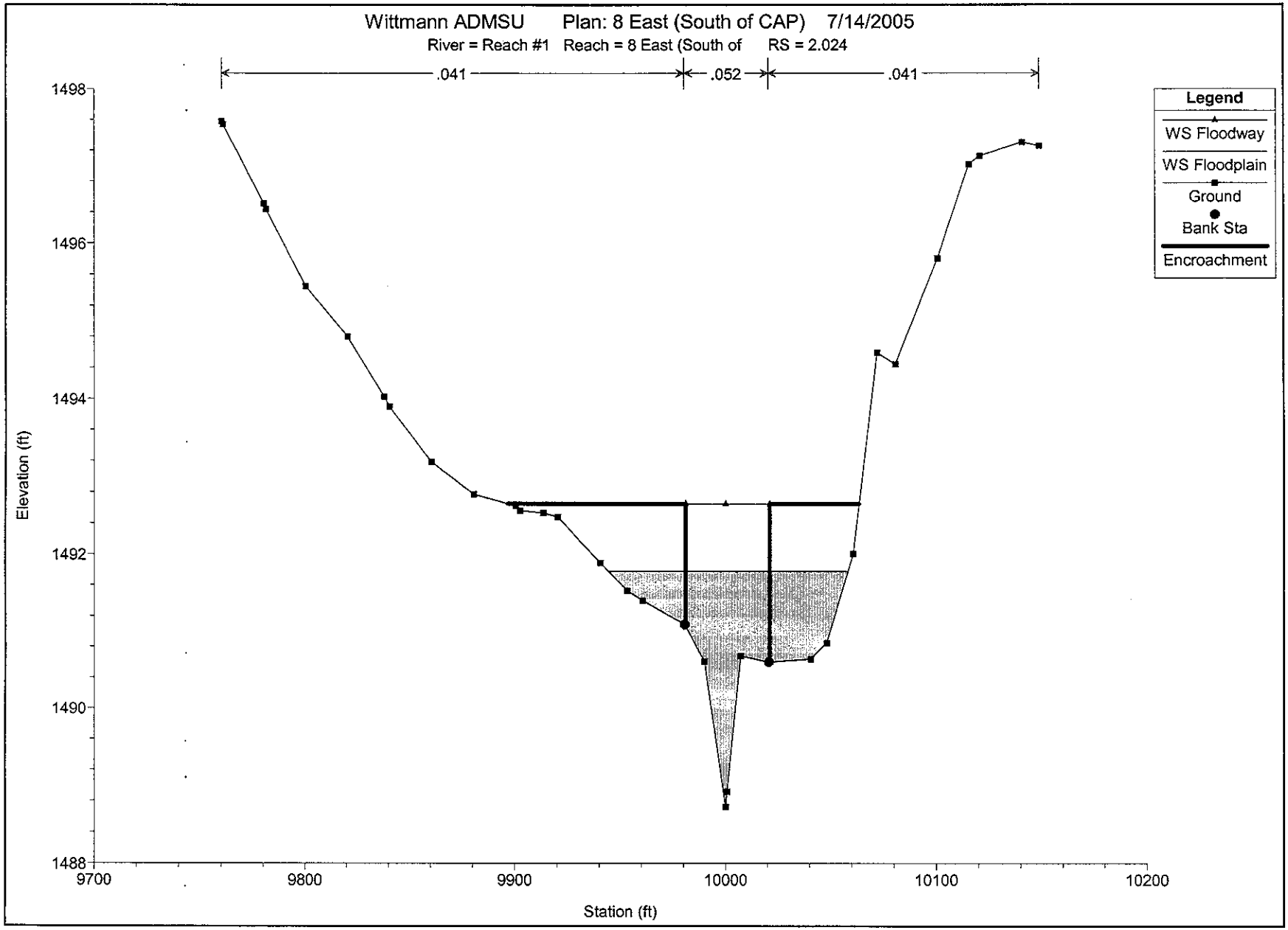

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.403
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1513
1512
1511
1510
1509
1508
1507
1506
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

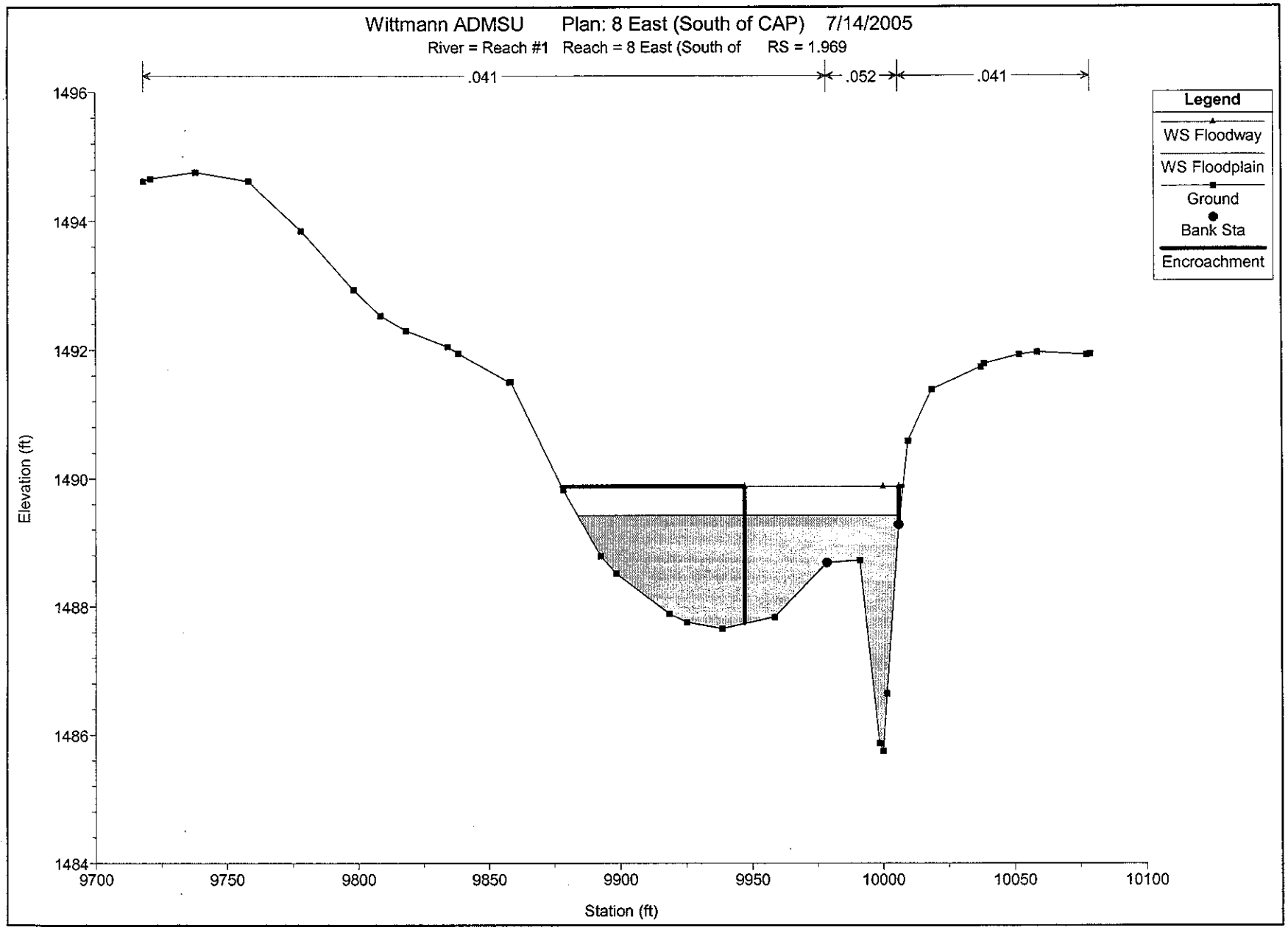

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.313
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1510
1509
1508
1507
1506
1505
1504
1503
1502
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

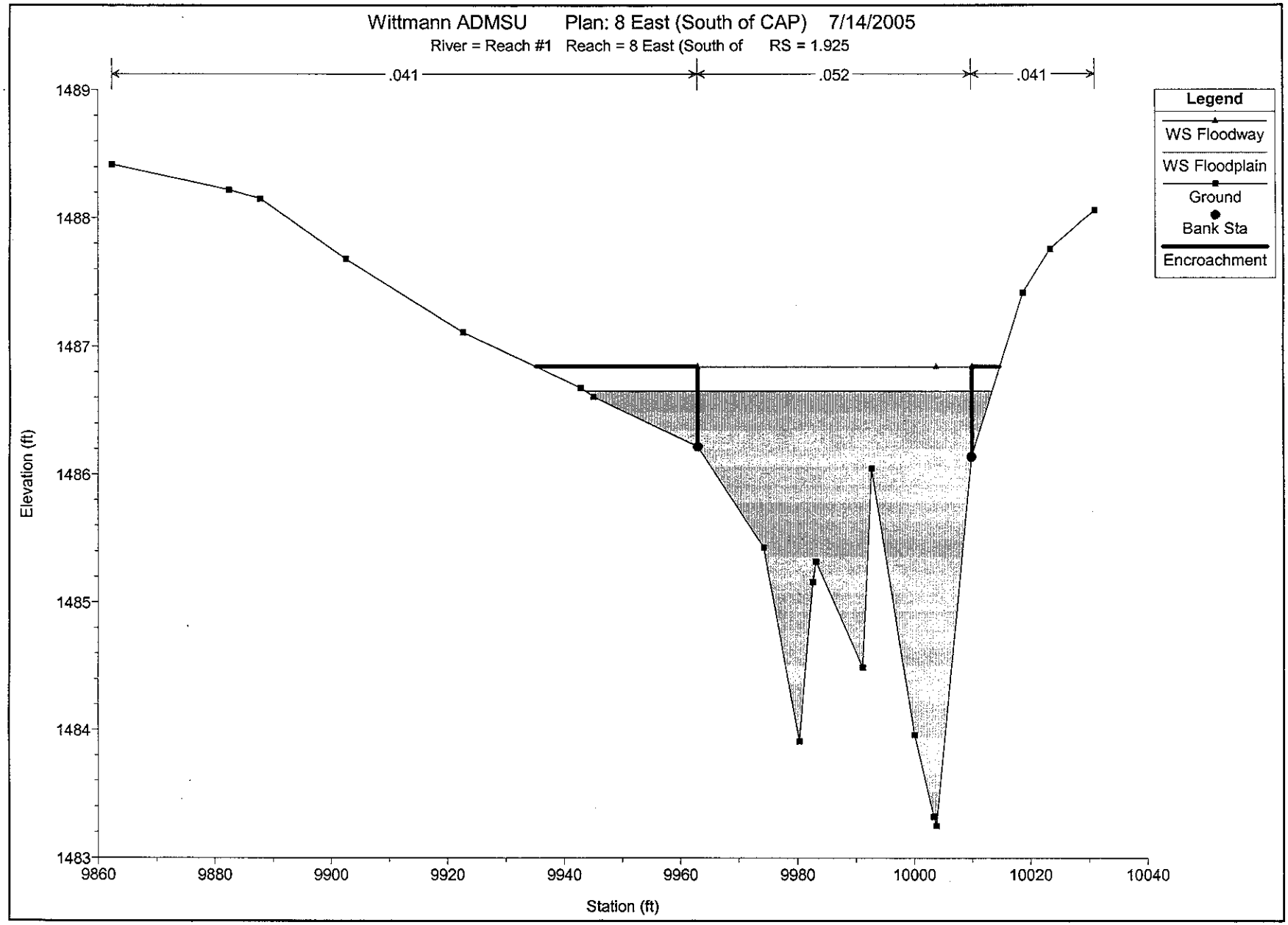

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.249
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1508
1506
1504
1502
1500
1498
9850
9900
9950
10000
10050
10100
Station (ft)

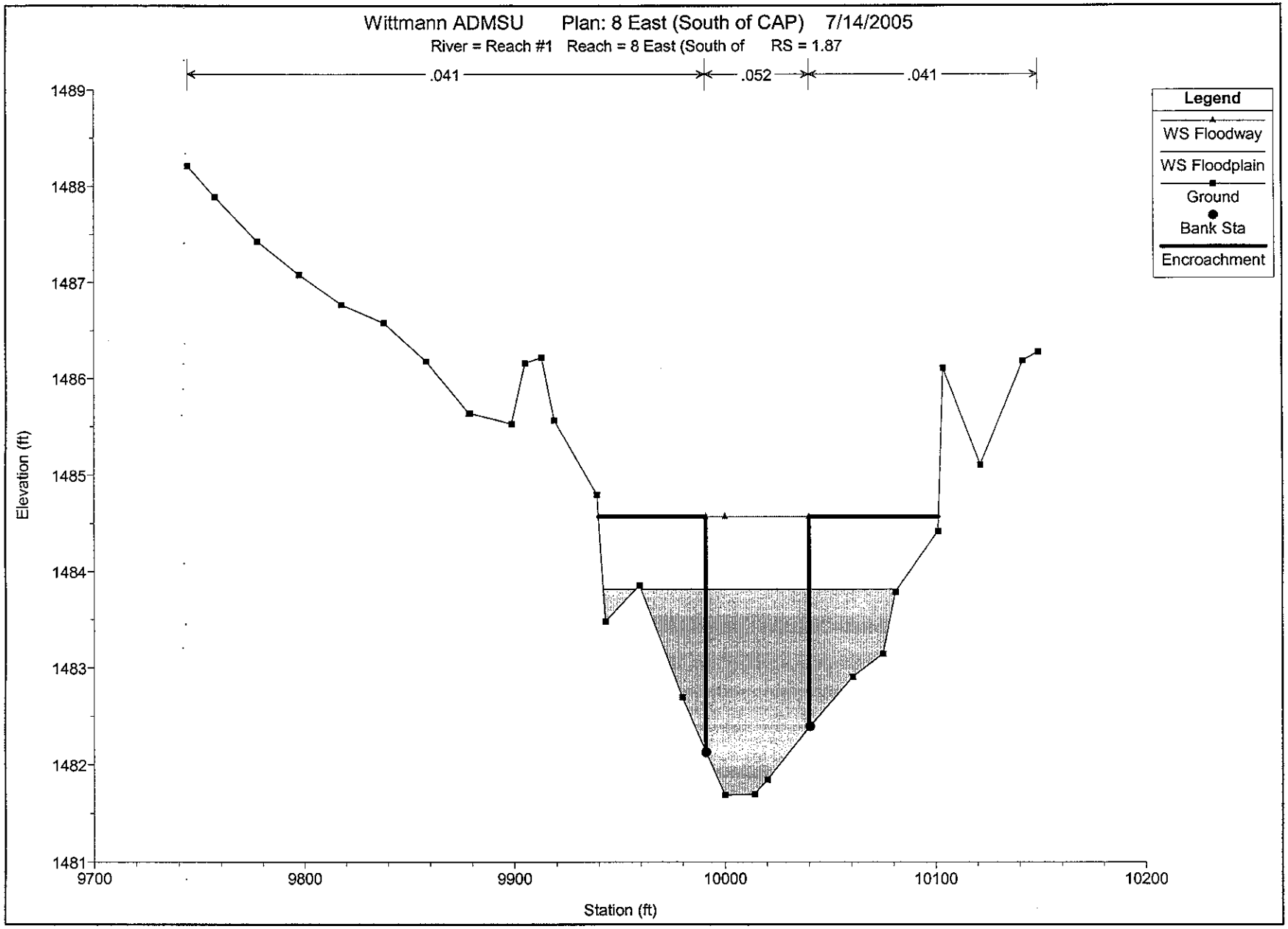

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.177
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1502
1501
1500
1499
1498
1497
1496
1495
9960
9980
10000
10020
10040
10060
10080
10100
10120
10140
Station (ft)

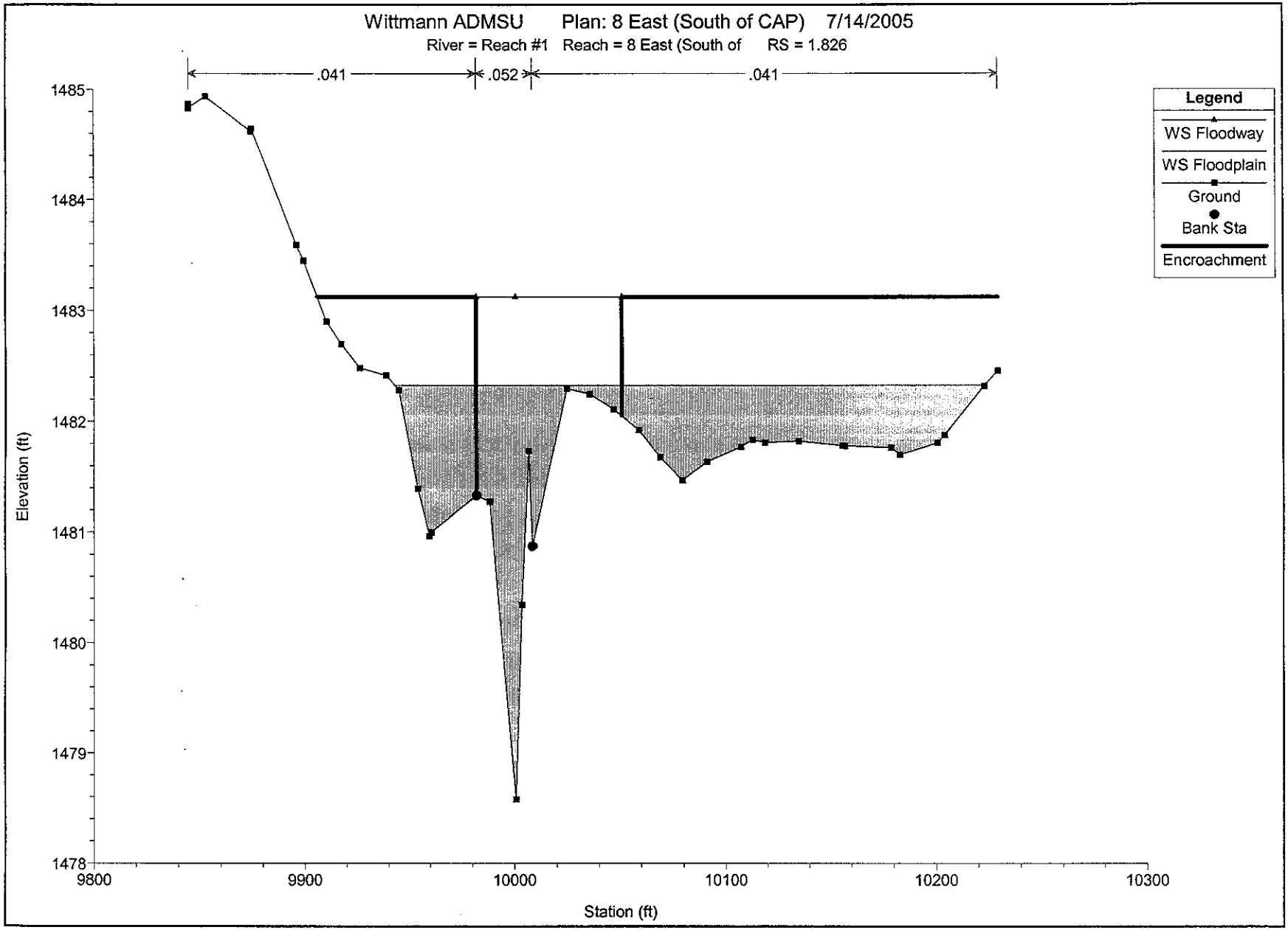

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.101
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1497
1496
1495
1494
1493
1492
9900
9950
10000
10050
10100
10150
Station (ft)

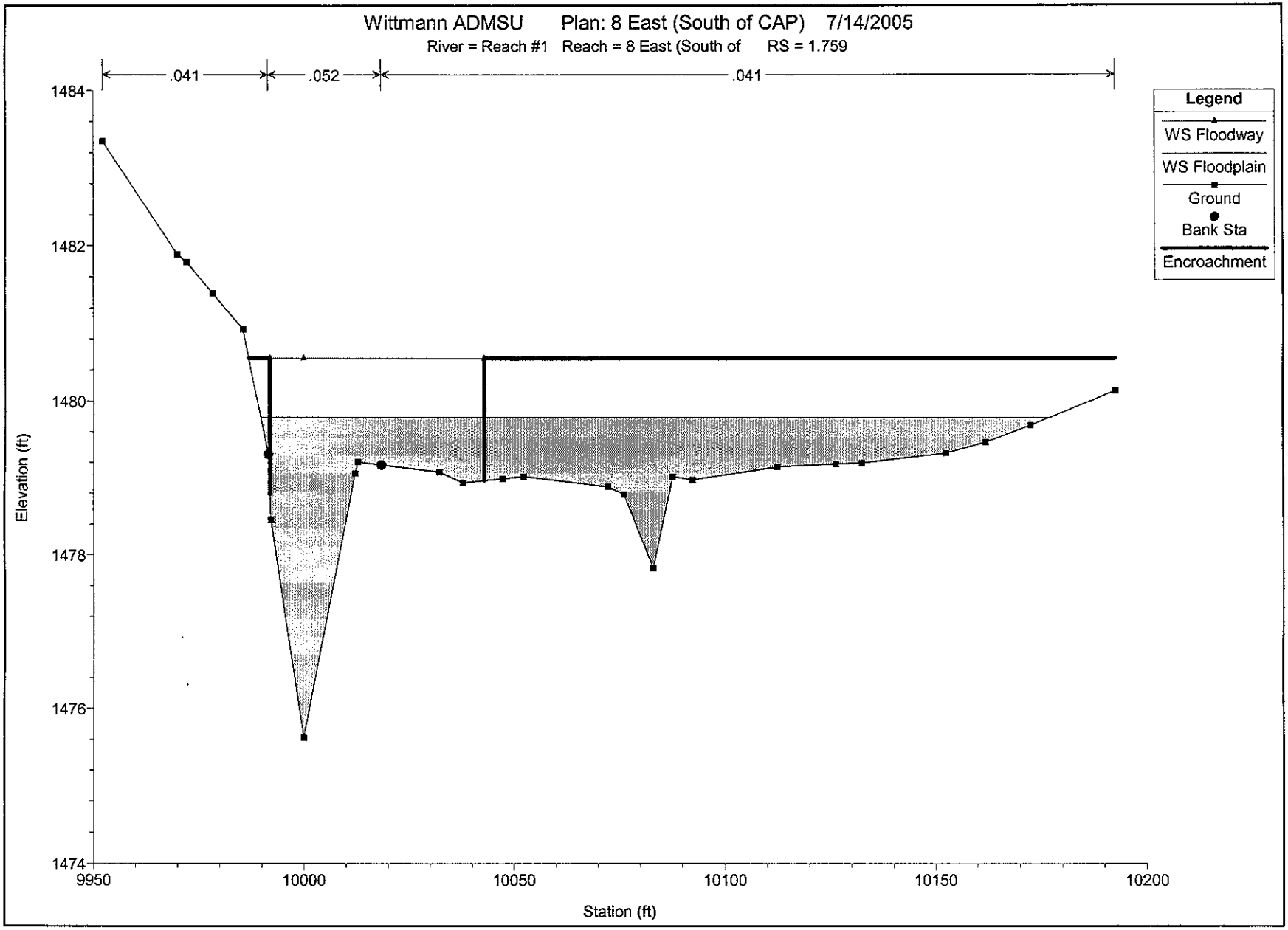

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 2.024
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1498
1496
1494
1492
1490
1488
9700
9800
9900
10000
10100
10200
Station (ft)

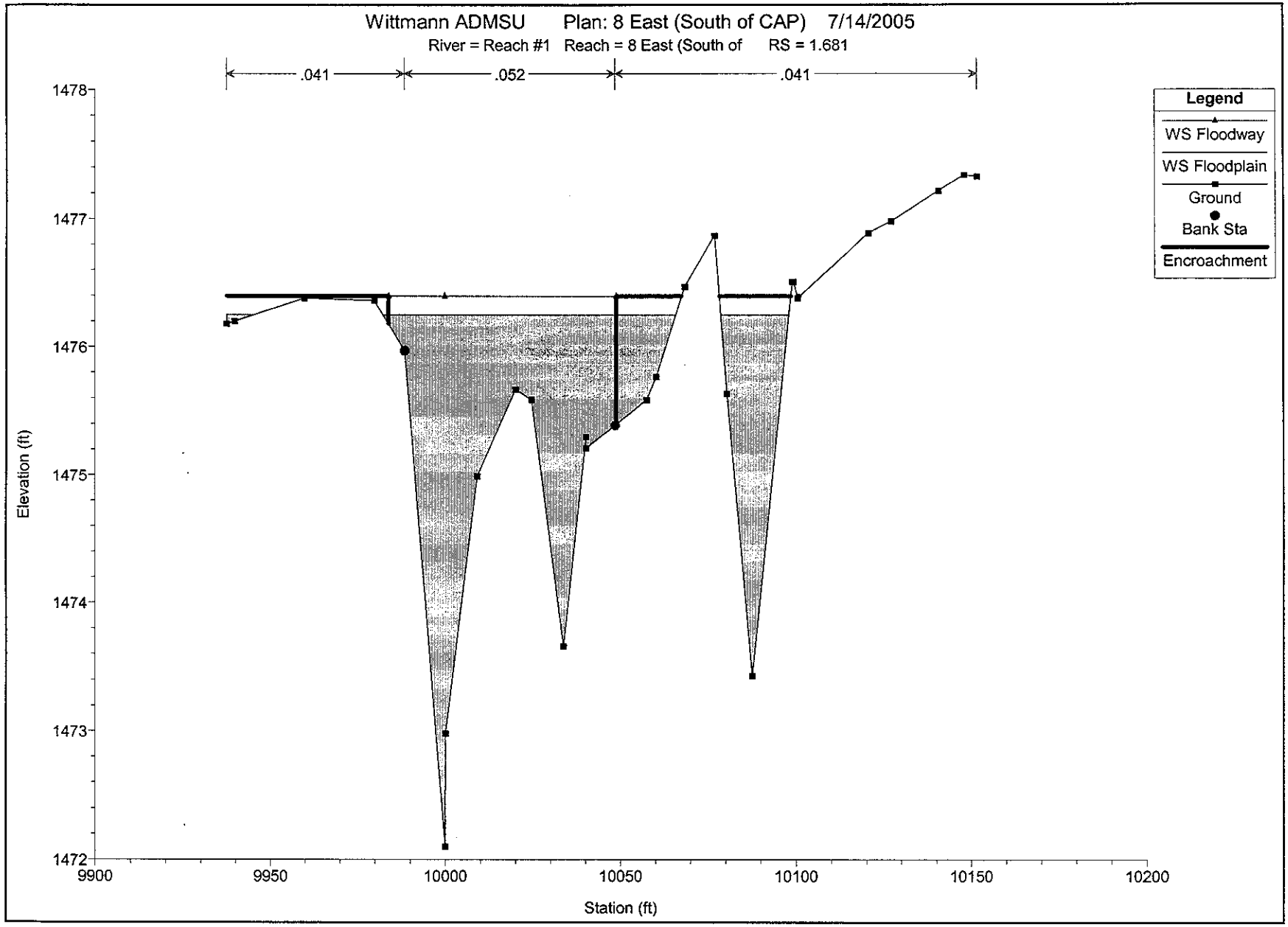

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.969
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1496
1494
1492
1490
1488
1486
1484
9700
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)

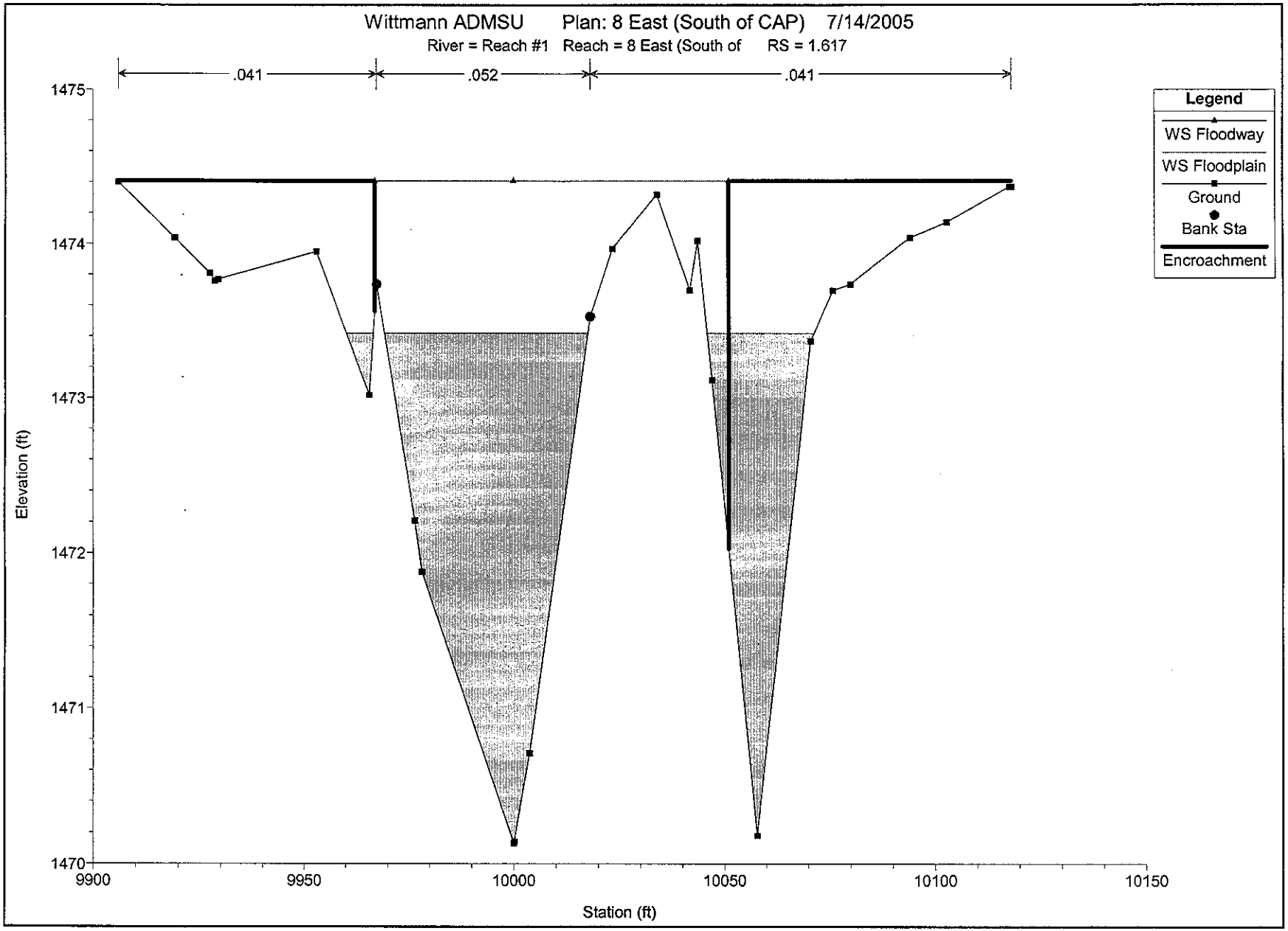

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.925
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1489
1488
1487
1486
1485
1484
1483
9860
9880
9900
9920
9940
9960
9980
10000
10020
10040
Station (ft)

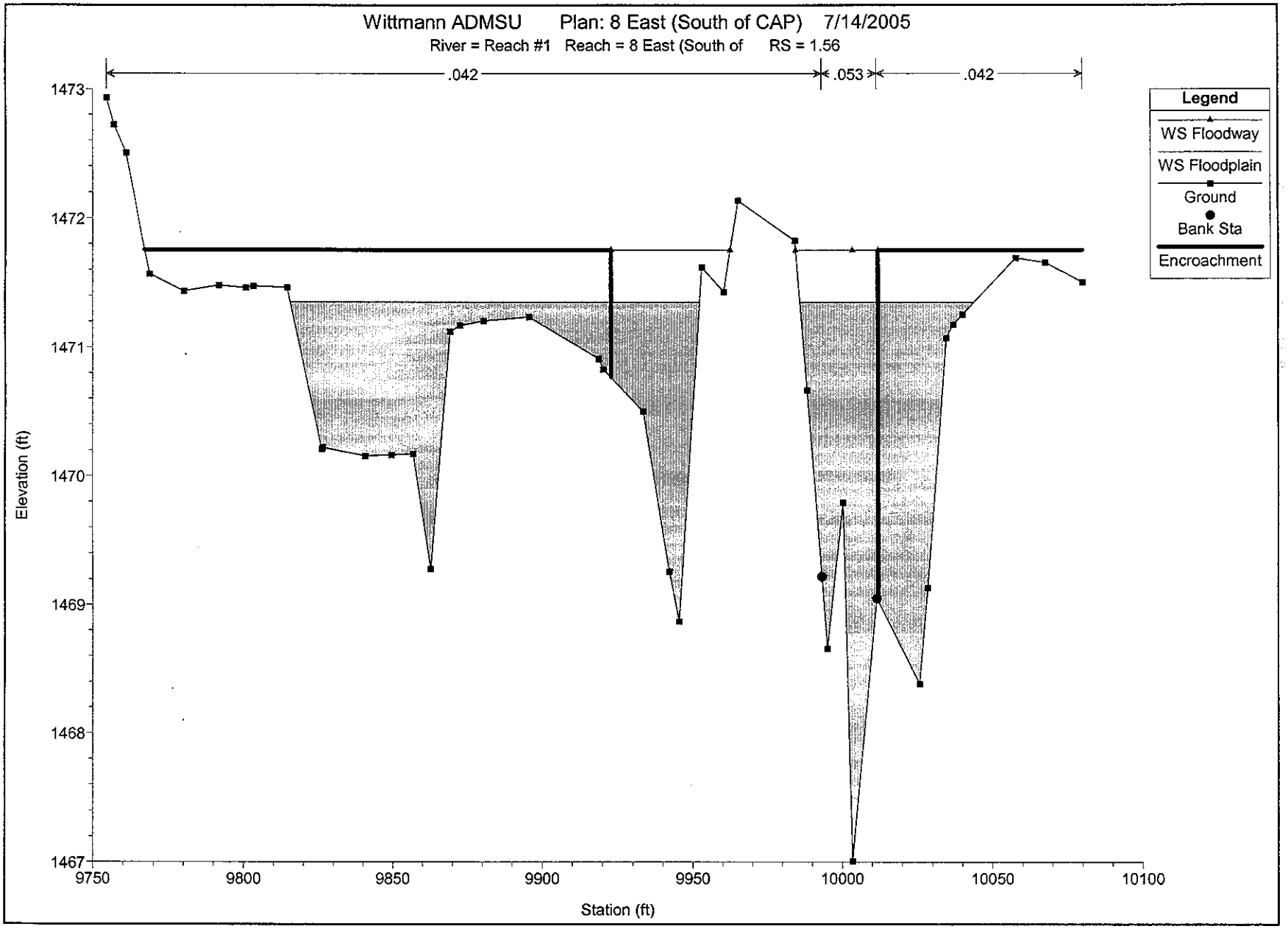

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.87
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1489
1488
1487
1486
1485
1484
1483
1482
1481
9700
9800
9900
10000
10100
10200
Station (ft)

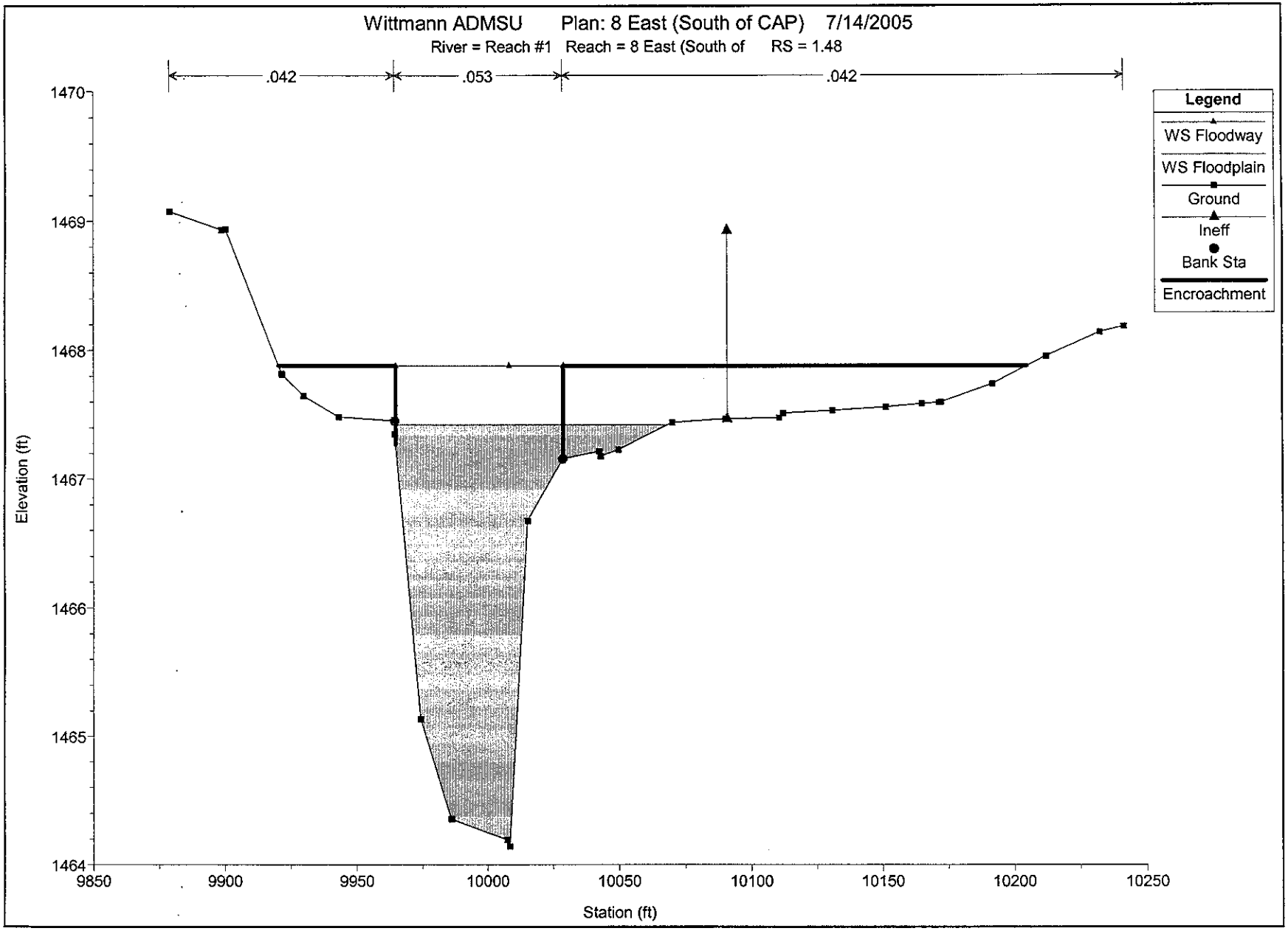

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.826
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1485
1484
1483
1482
1481
1480
1479
1478
9800
9900
10000
10100
10200
10300
Station (ft)

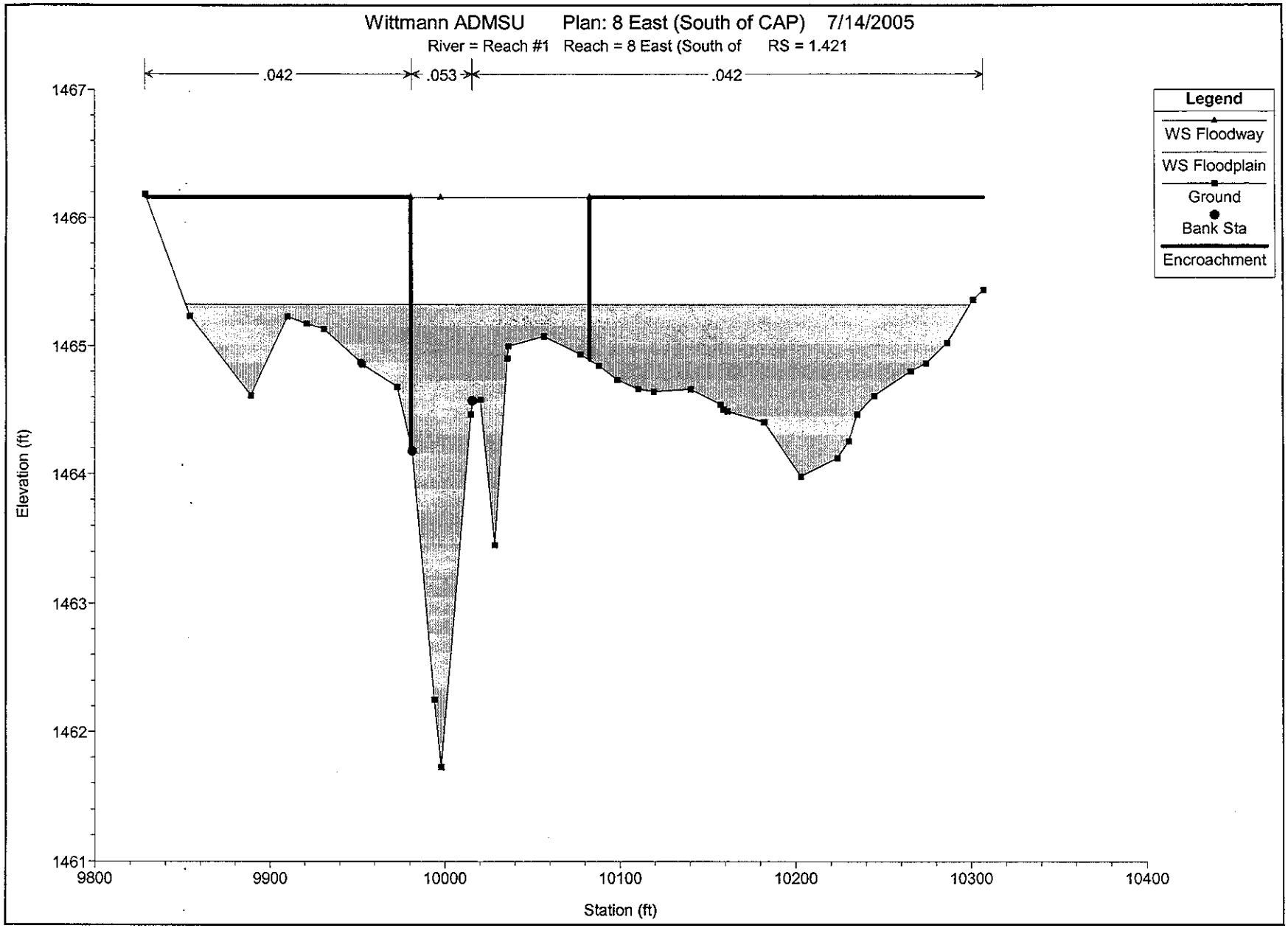

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.759
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1484
1482
1480
1478
1476
1474
9950
10000
10050
10100
10150
10200
Station (ft)

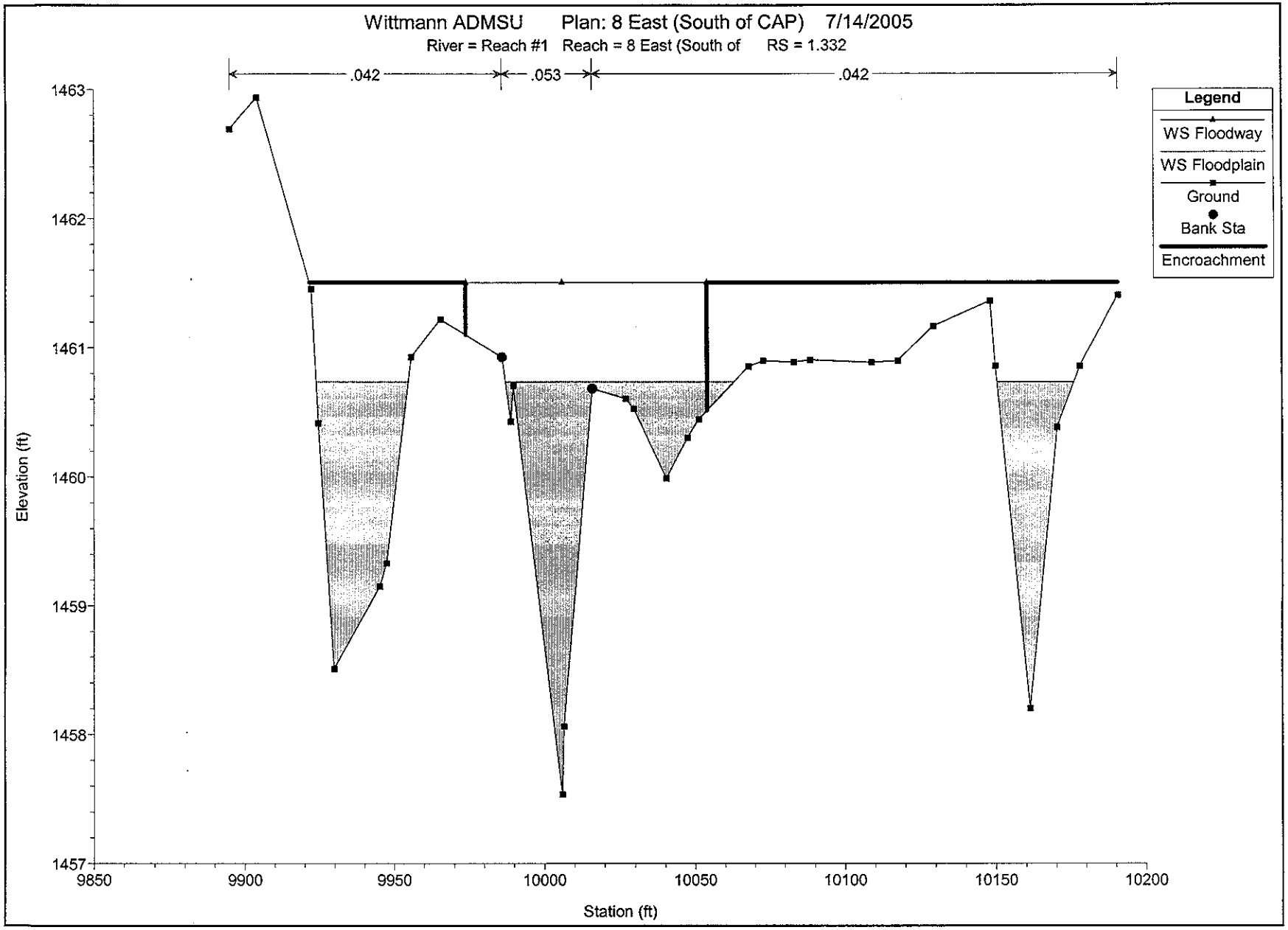

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.681
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1478
1477
1476
1475
1474
1473
1472
9900
9950
10000
10050
10100
10150
10200
Station (ft)

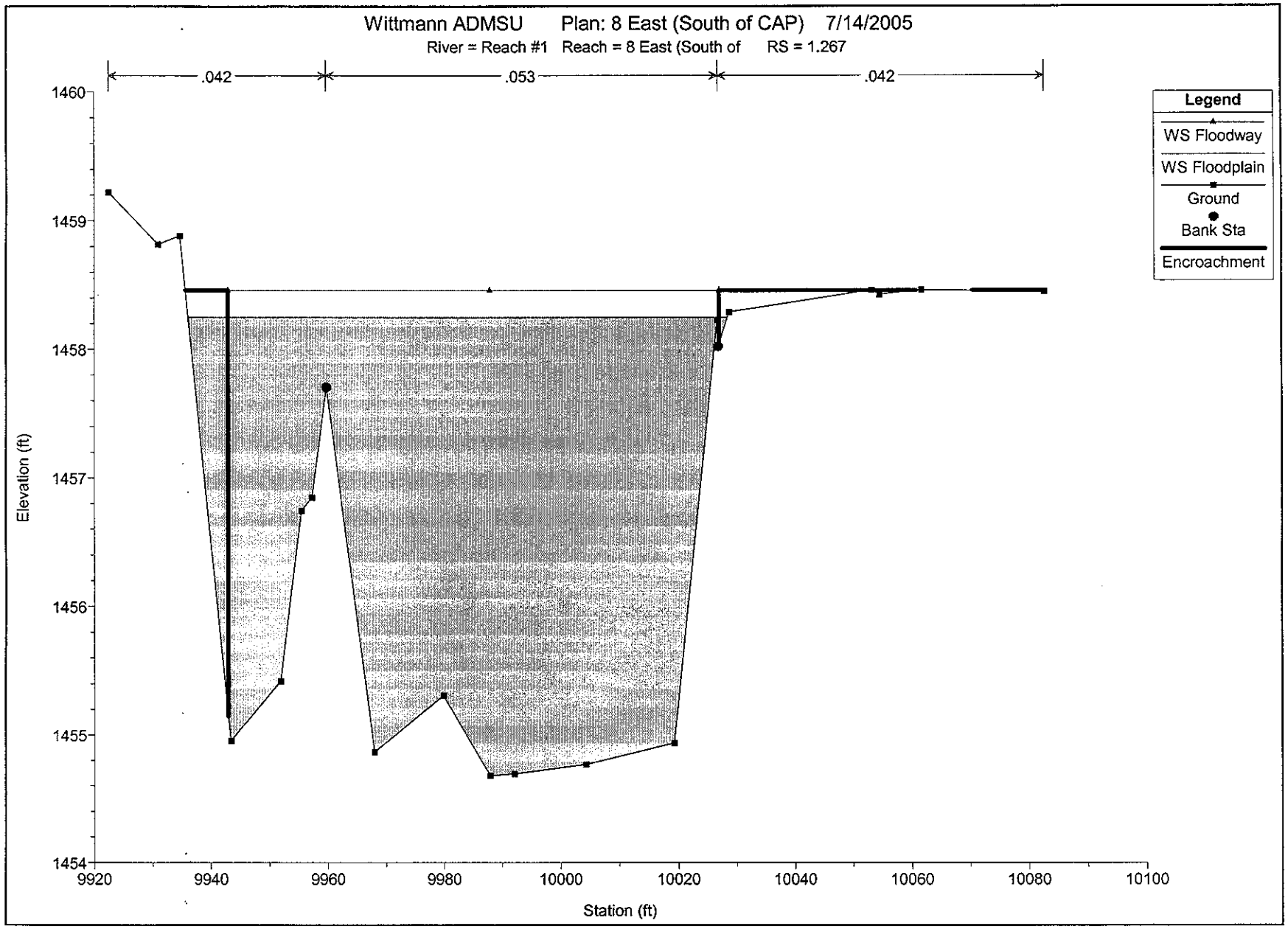

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.617
.041
.052
.041
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1475
1474
1473
1472
1471
1470
9900
9950
10000
10050
10100
10150
Station (ft)

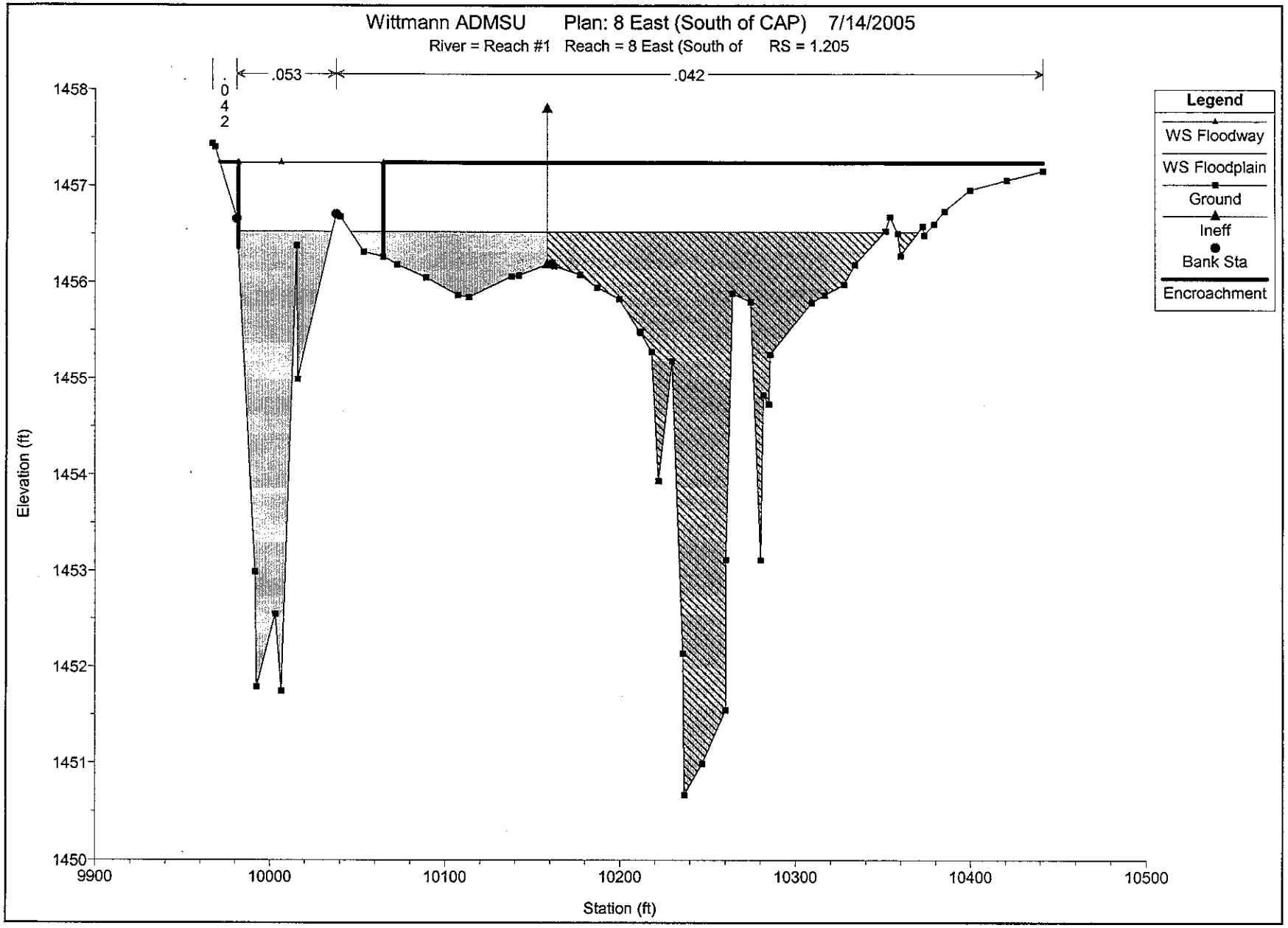

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.56
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1473
1472
1471
1470
1469
1468
1467
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)

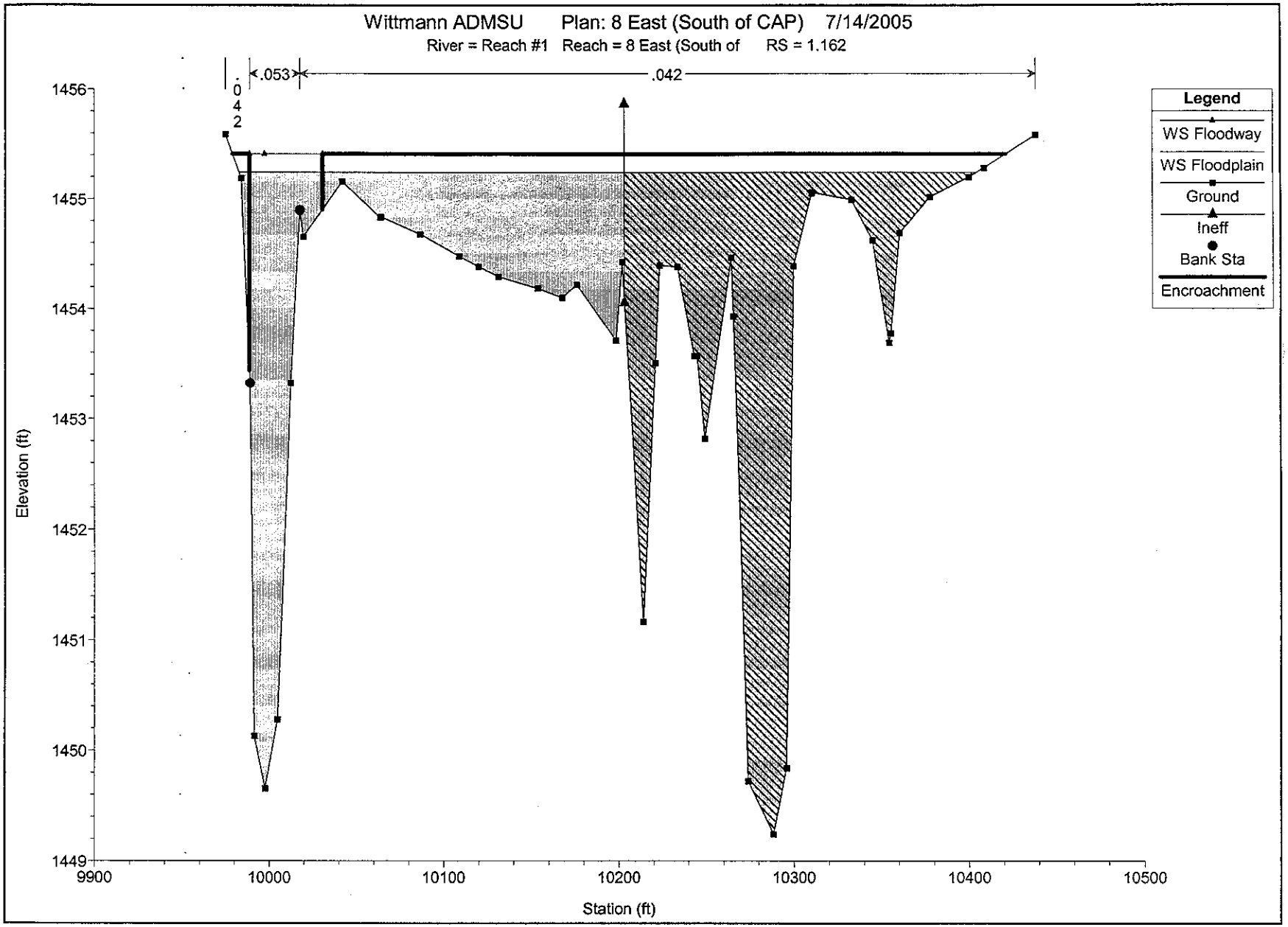

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.48
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1470
1469
1468
1467
1466
1465
1464
9850
9900
9950
10000
10050
10100
10150
10200
10250
Station (ft)

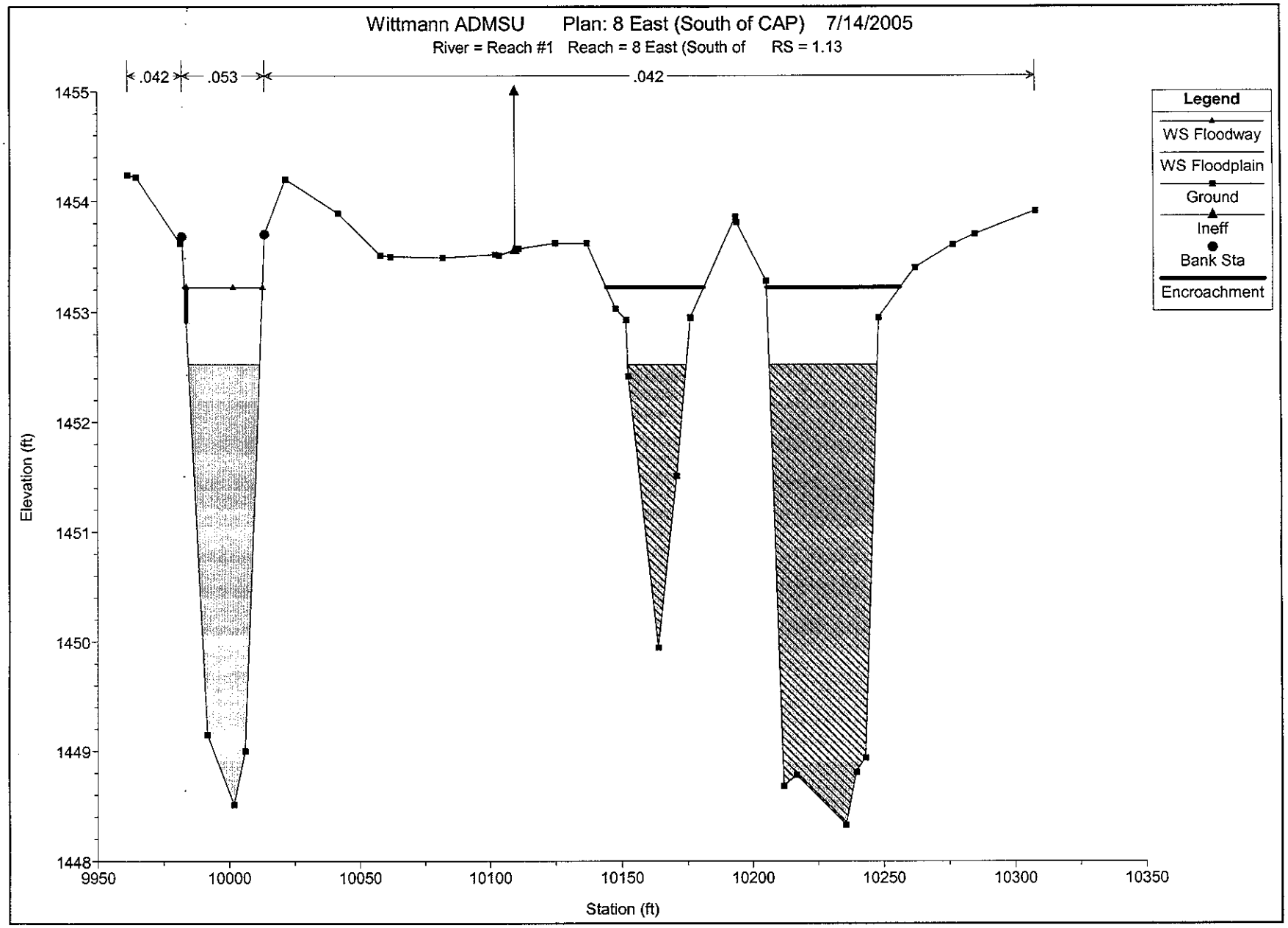

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.421
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1467
1466
1465
1464
1463
1462
1461
9800
9900
10000
10100
10200
10300
10400
Station (ft)

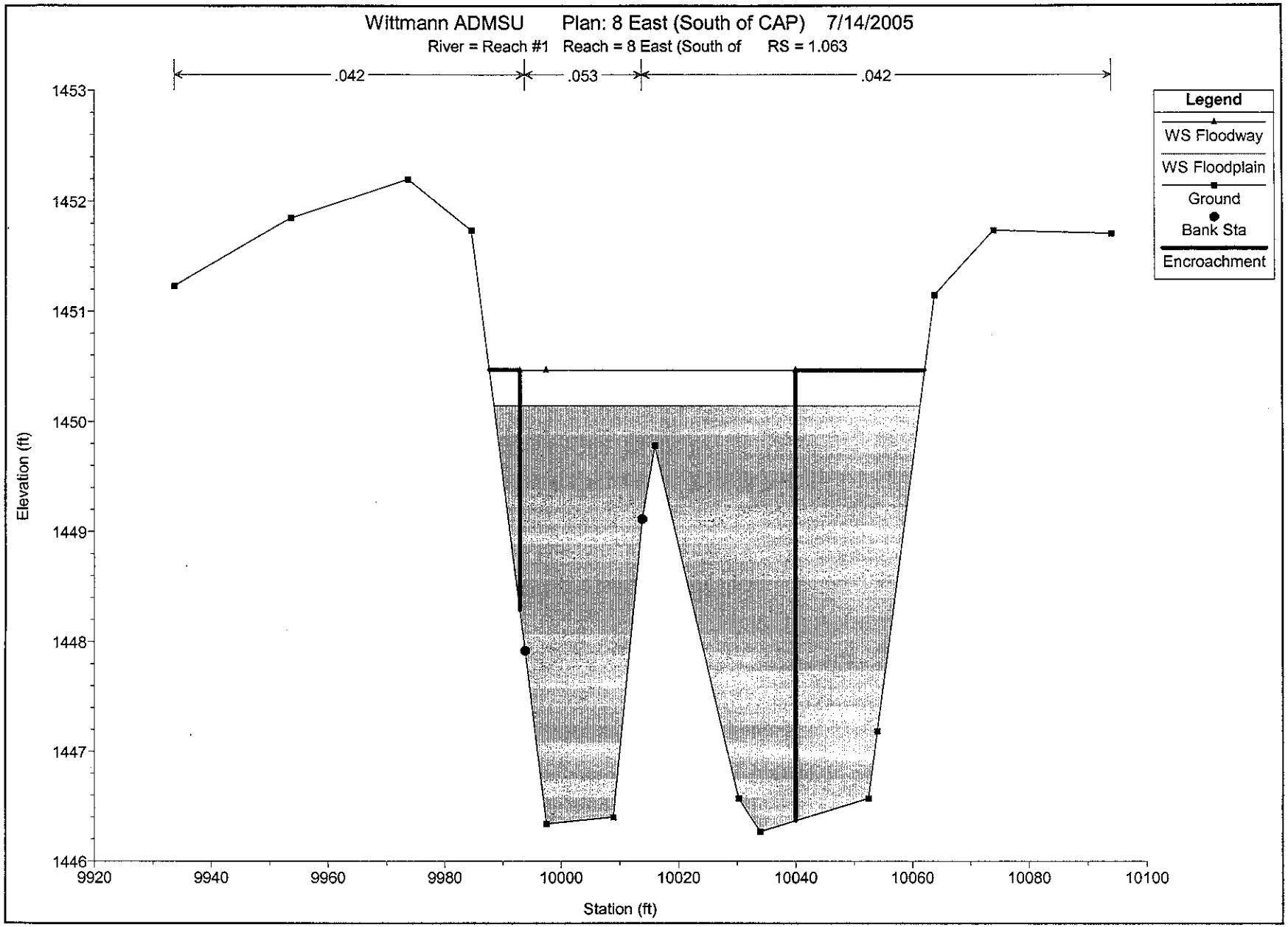

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.332
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1463
1462
1461
1460
1459
1458
1457
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

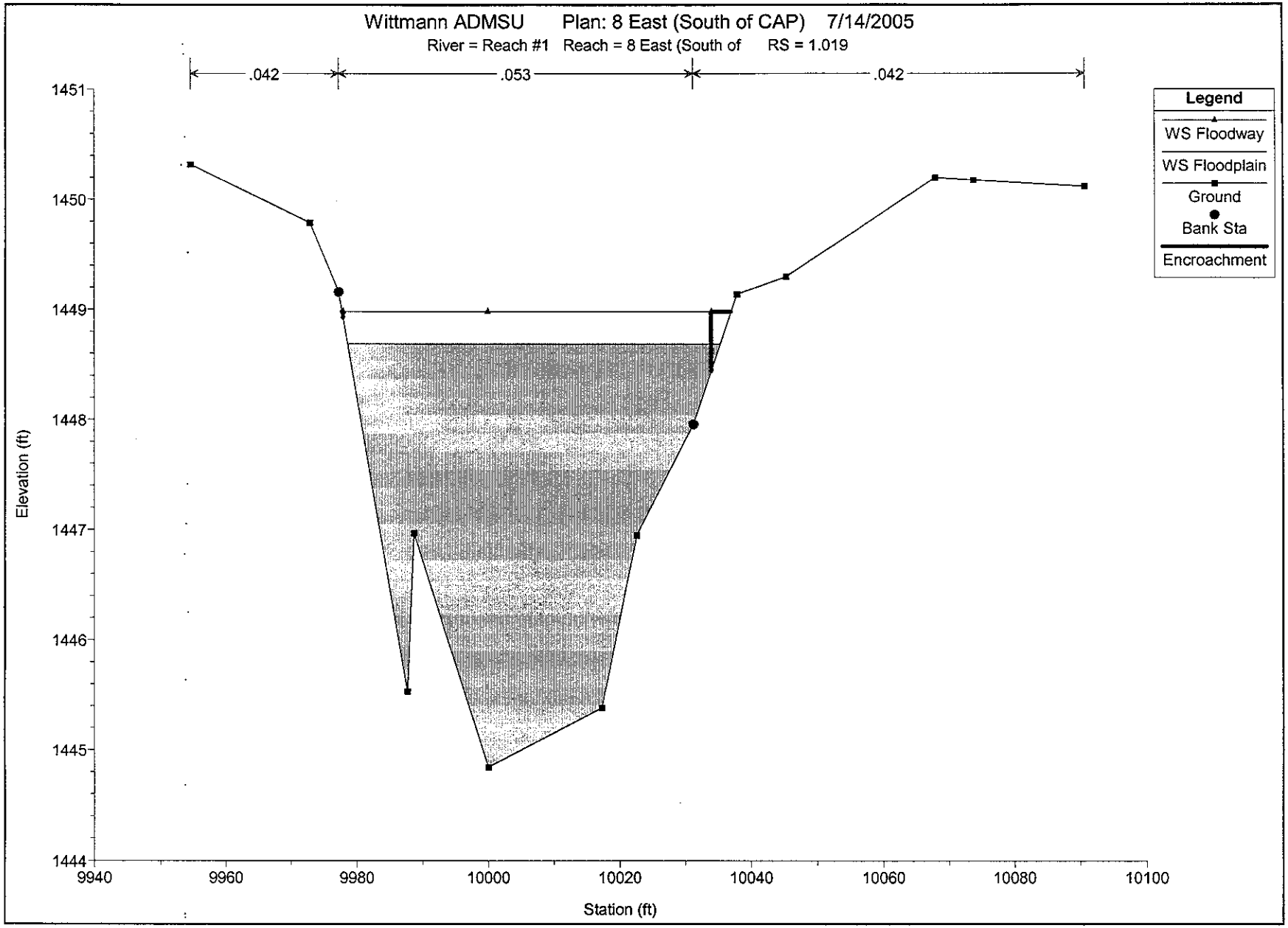

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.267
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1460
1459
1458
1457
1456
1455
1454
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

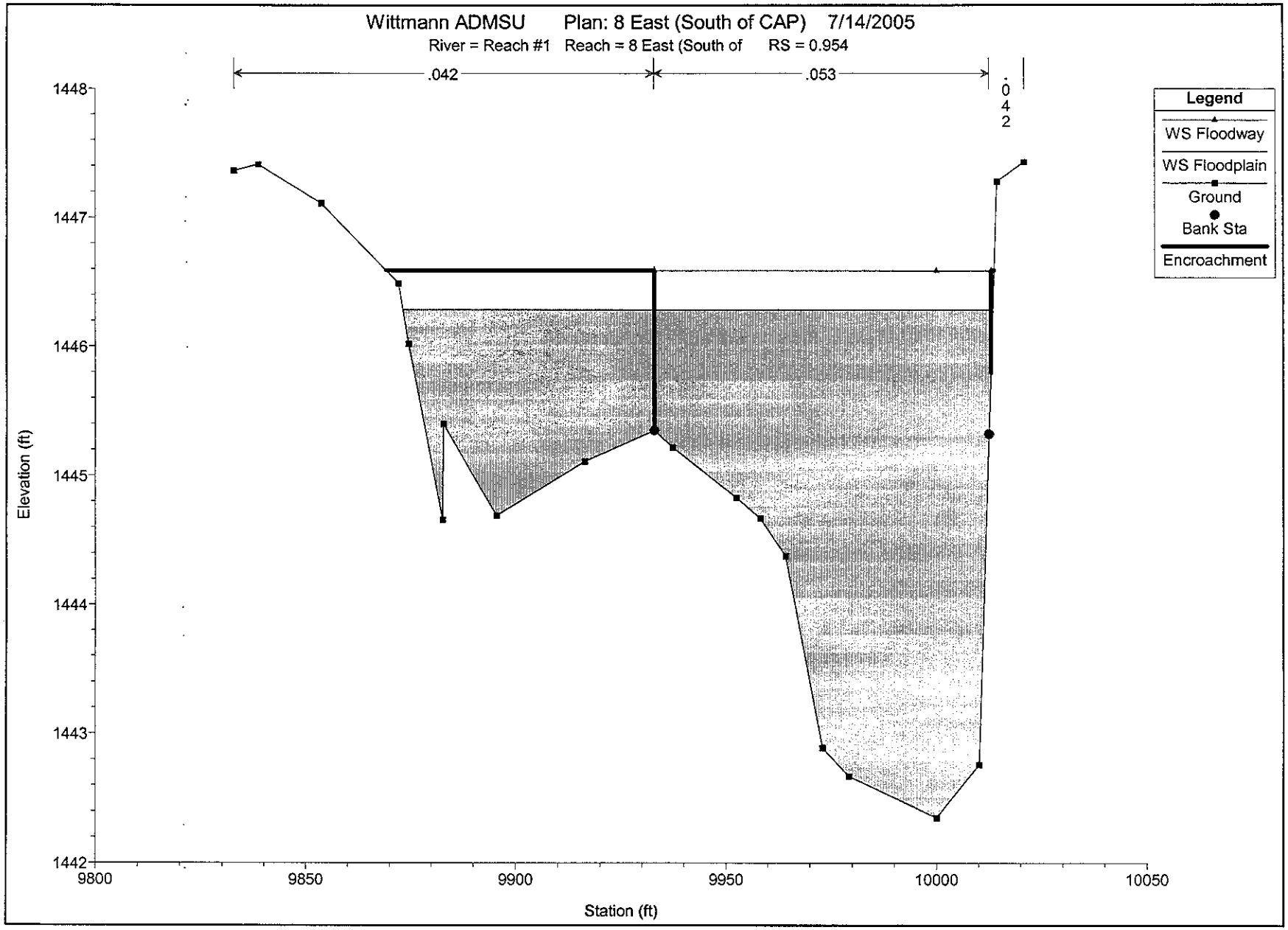

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.205
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1458
1457
1456
1455
1454
1453
1452
1451
1450
9900
10000
10100
10200
10300
10400
10500
Station (ft)

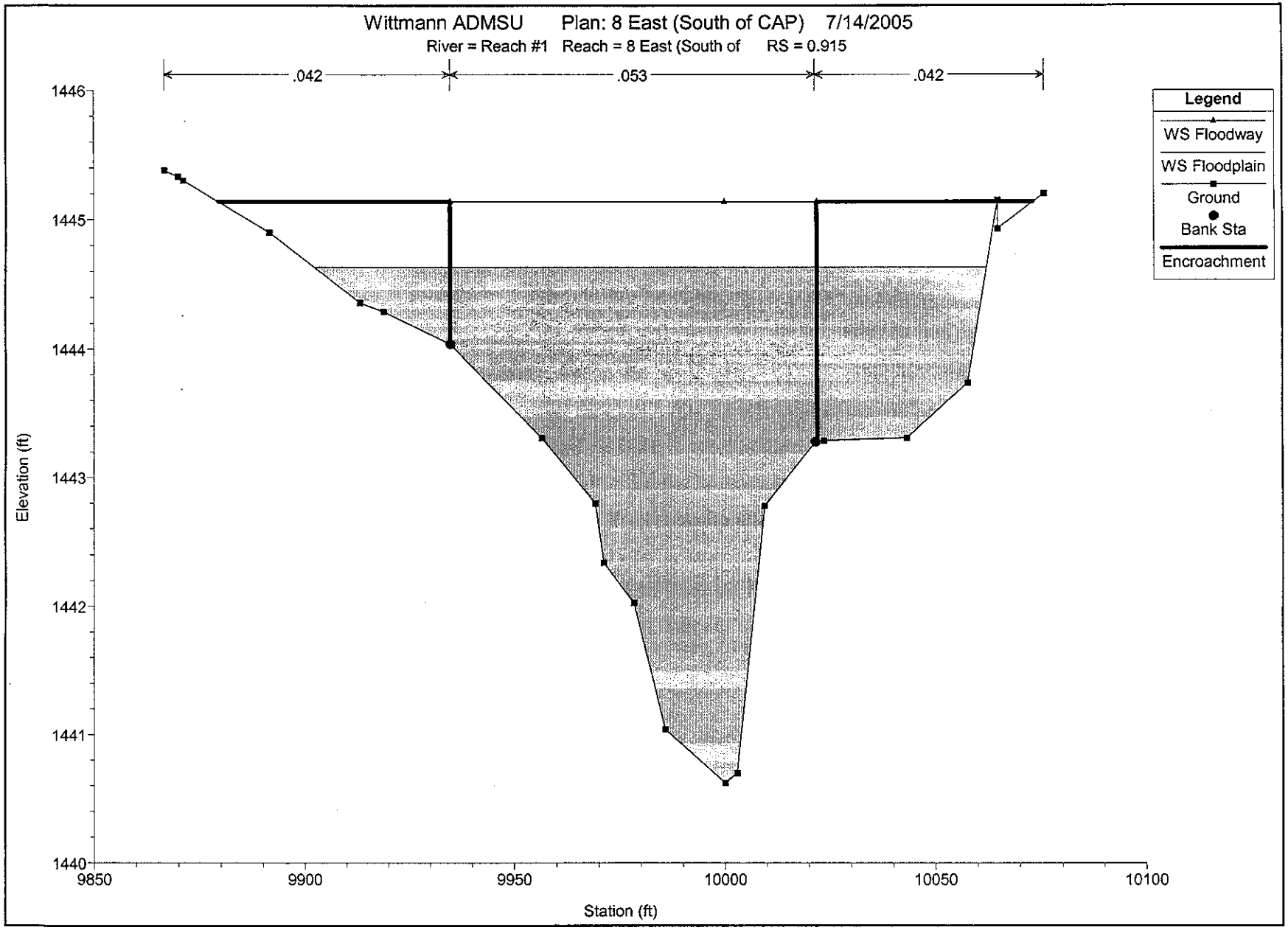

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.162
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1456
1455
1454
1453
1452
1451
1450
1449
9900
10000
10100
10200
10300
10400
10500
Station (ft)

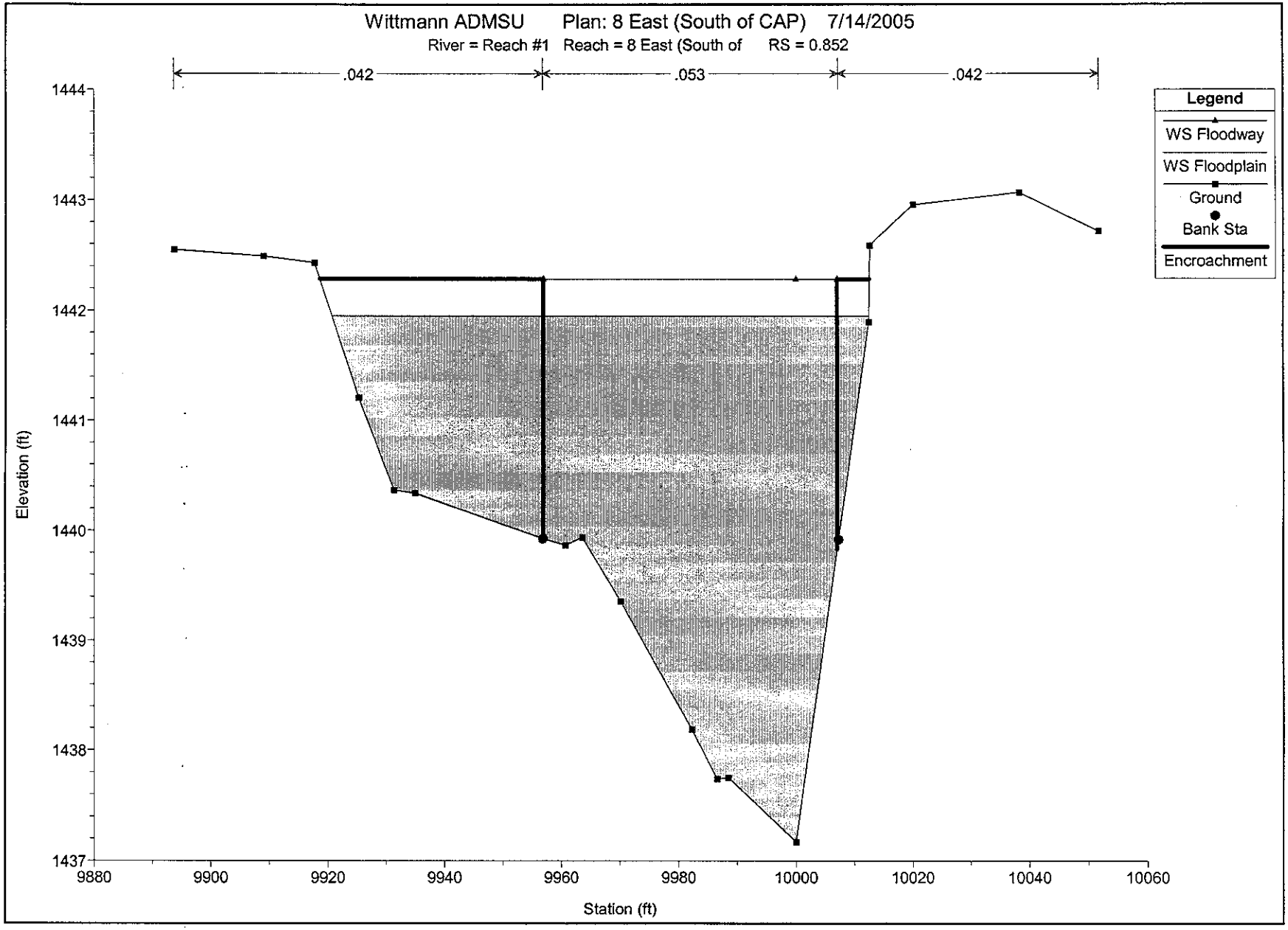

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.13
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1455
1454
1453
1452
1451
1450
1449
1448
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station (ft)

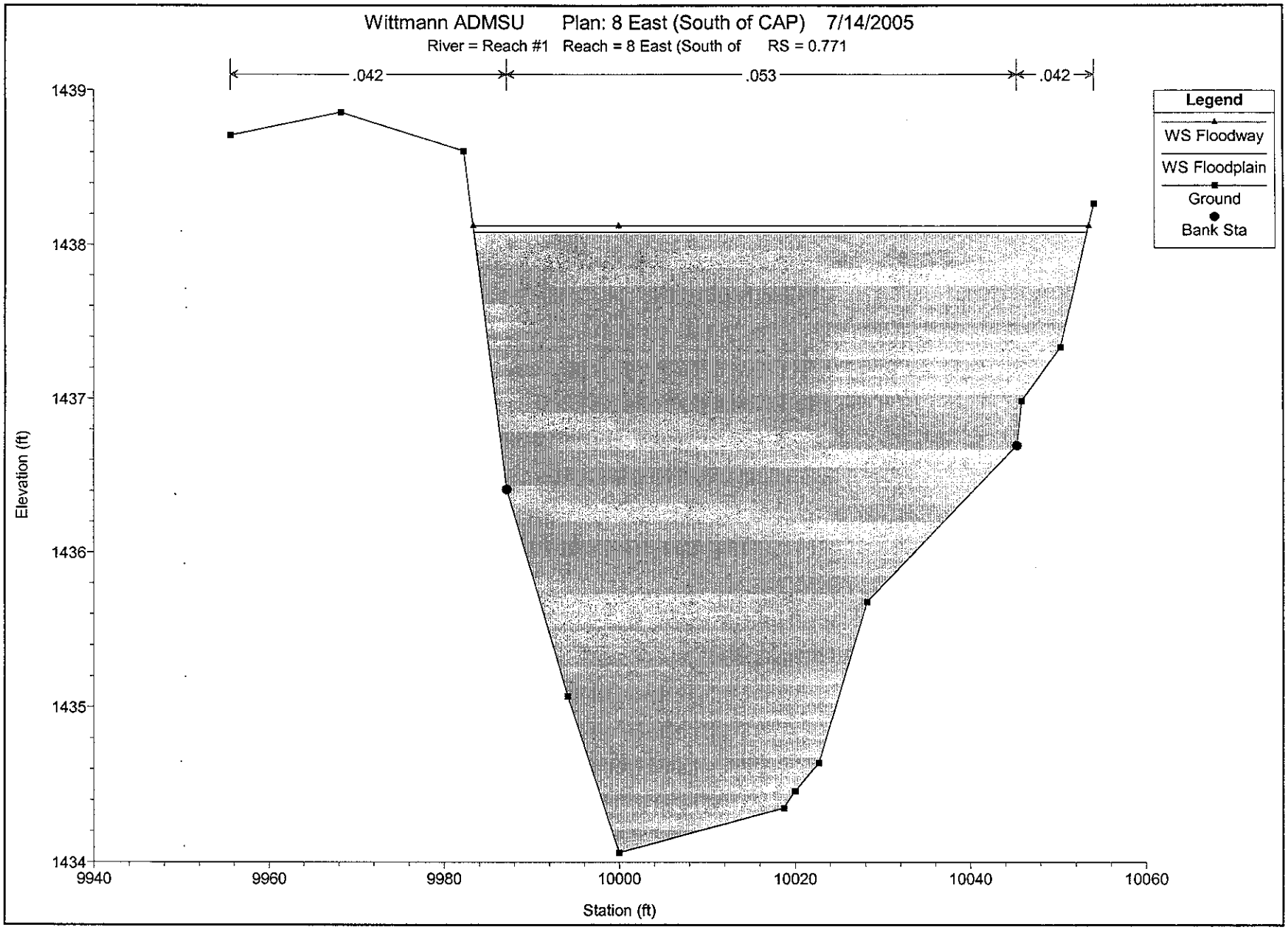

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.063
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1453
1452
1451
1450
1449
1448
1447
1446
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

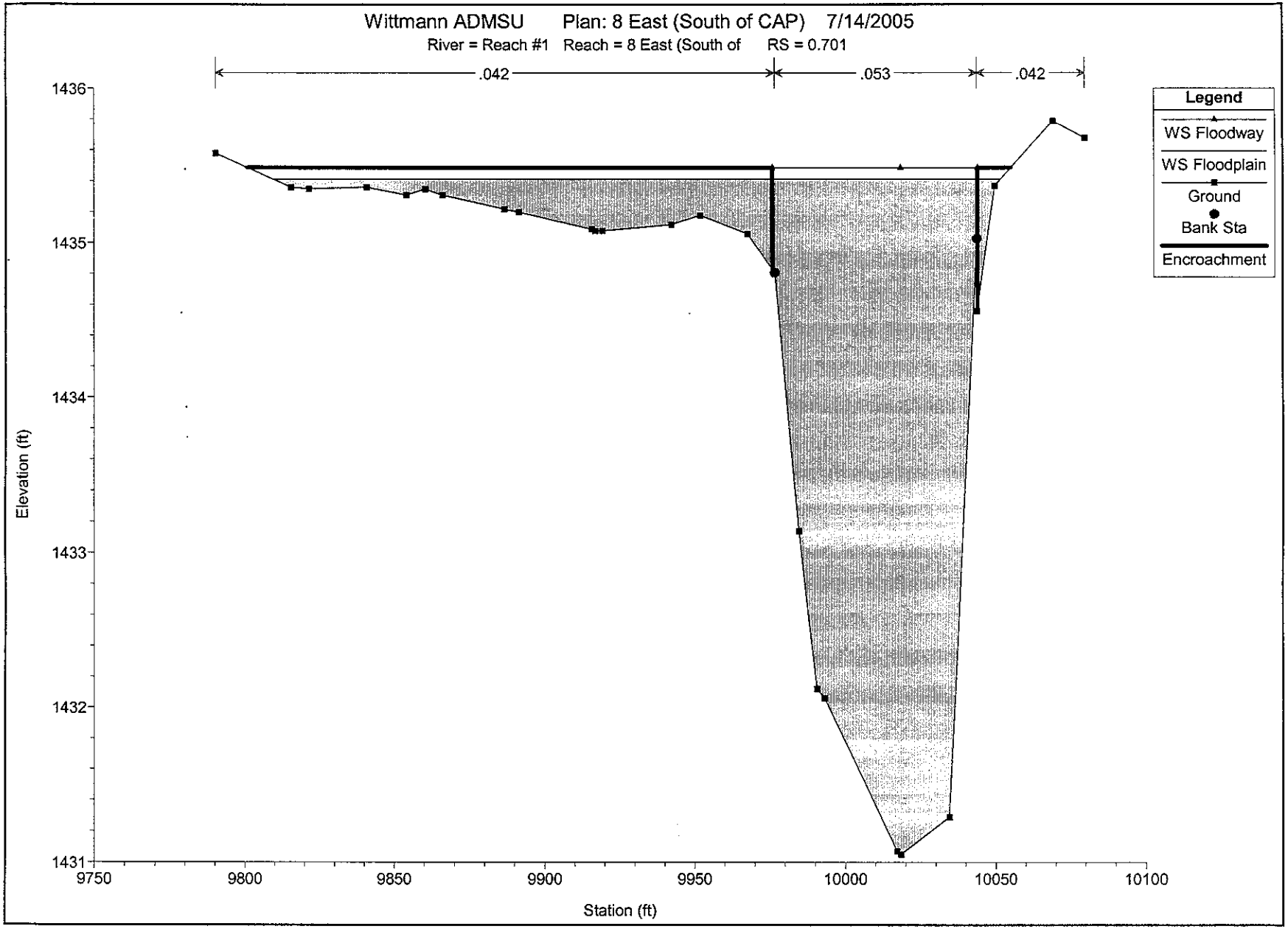

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 1.019
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1451
1450
1449
1448
1447
1446
1445
1444
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

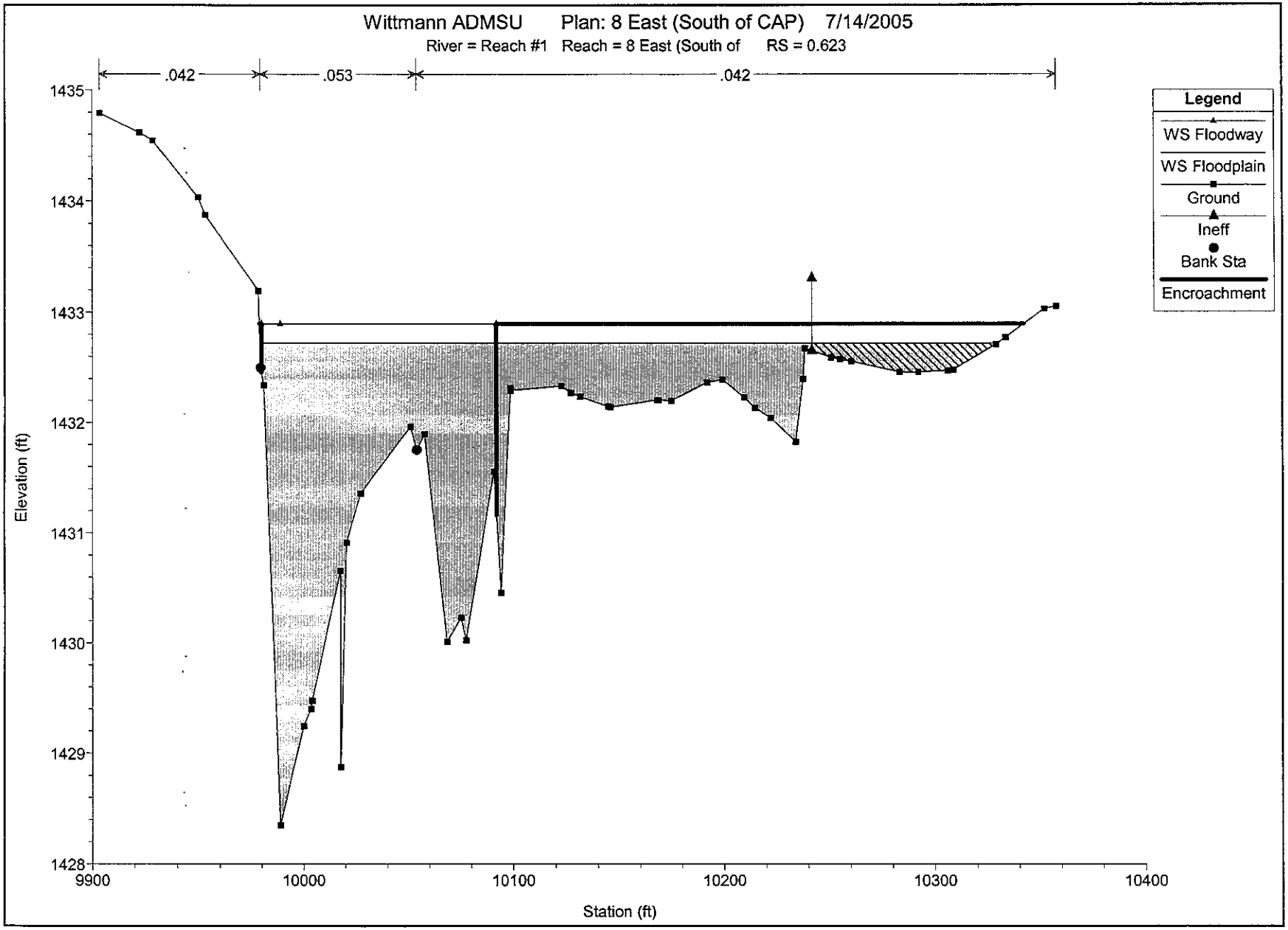

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.954
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1448
1447
1446
1445
1444
1443
1442
9800
9850
9900
9950
10000
10050
Station (ft)

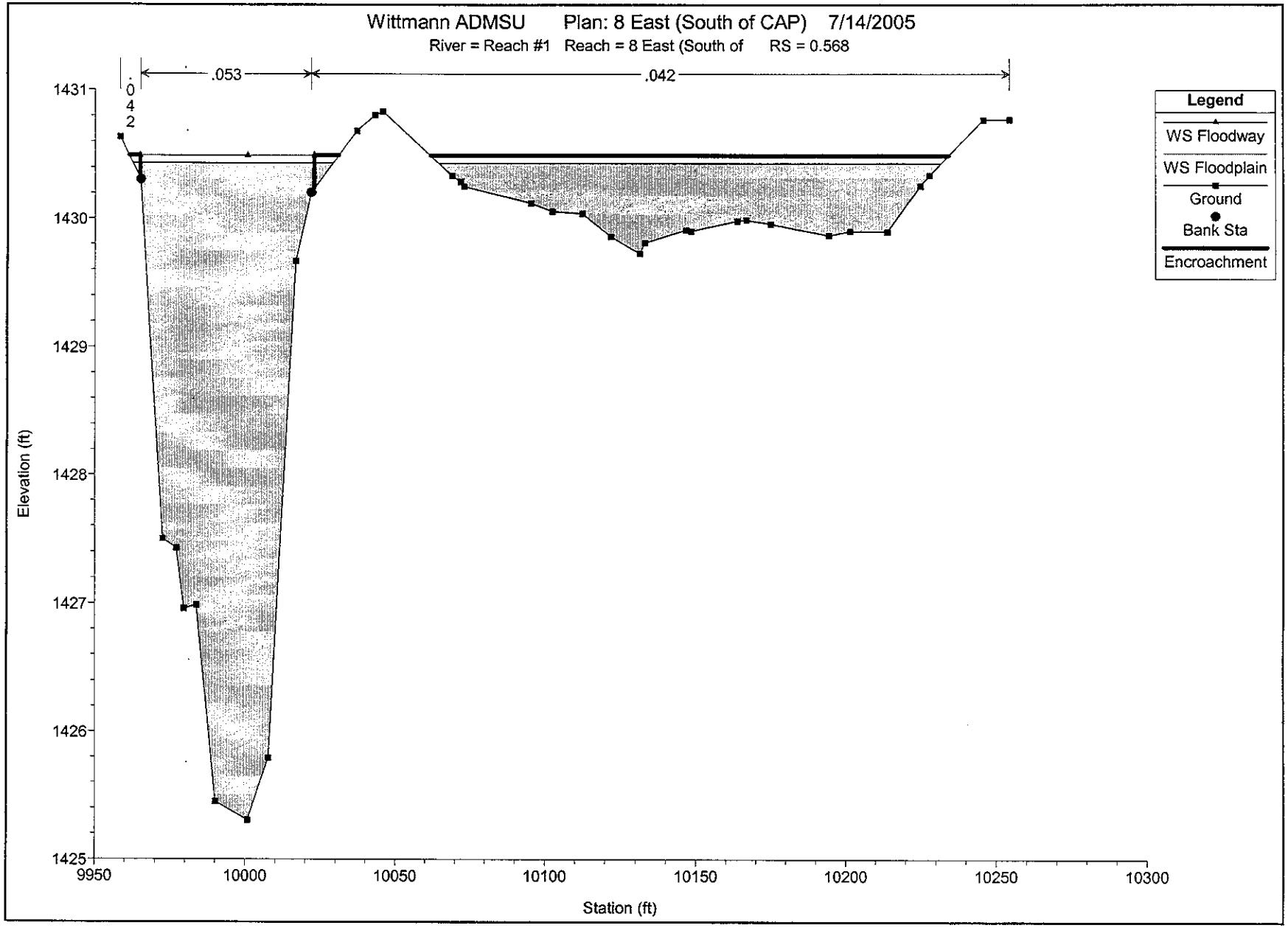

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.915
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1446
1445
1444
1443
1442
1441
1440
9850
9900
9950
10000
10050
10100
Station (ft)

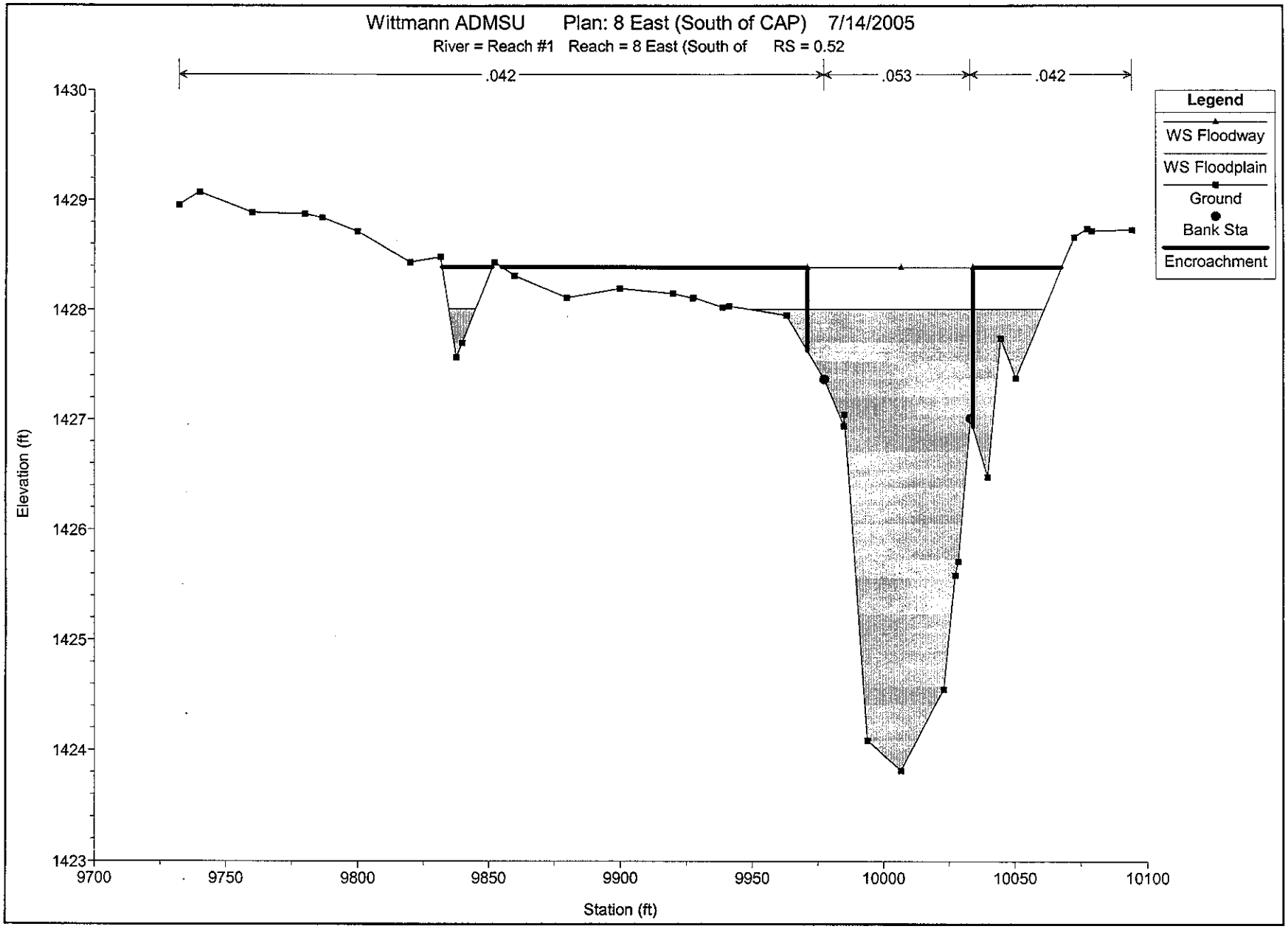

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.852
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1444
1443
1442
1441
1440
1439
1438
1437
9880
9900
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

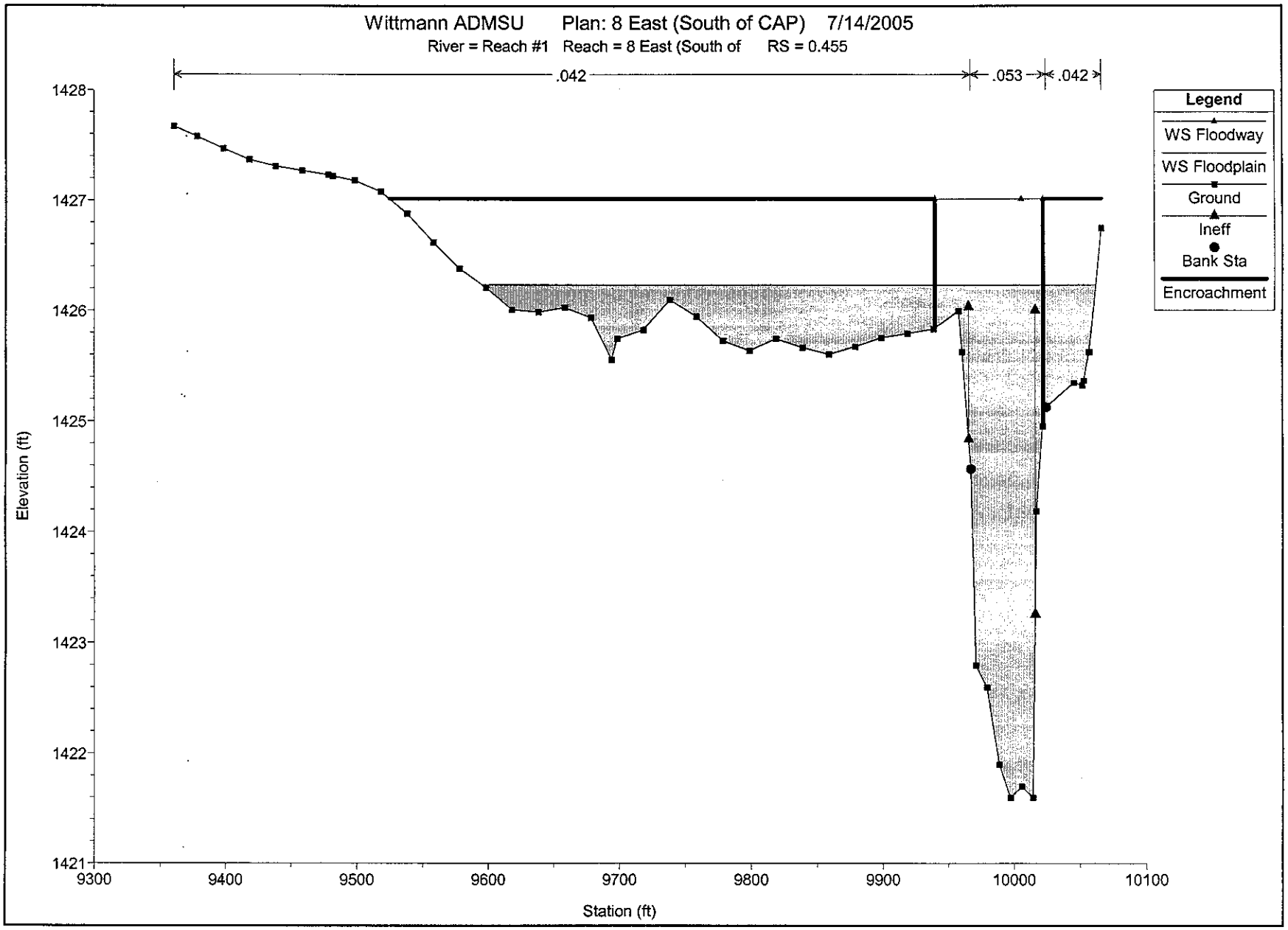

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.771
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1439
1438
1437
1436
1435
1434
9940
9960
9980
10000
10020
10040
10060
Station (ft)

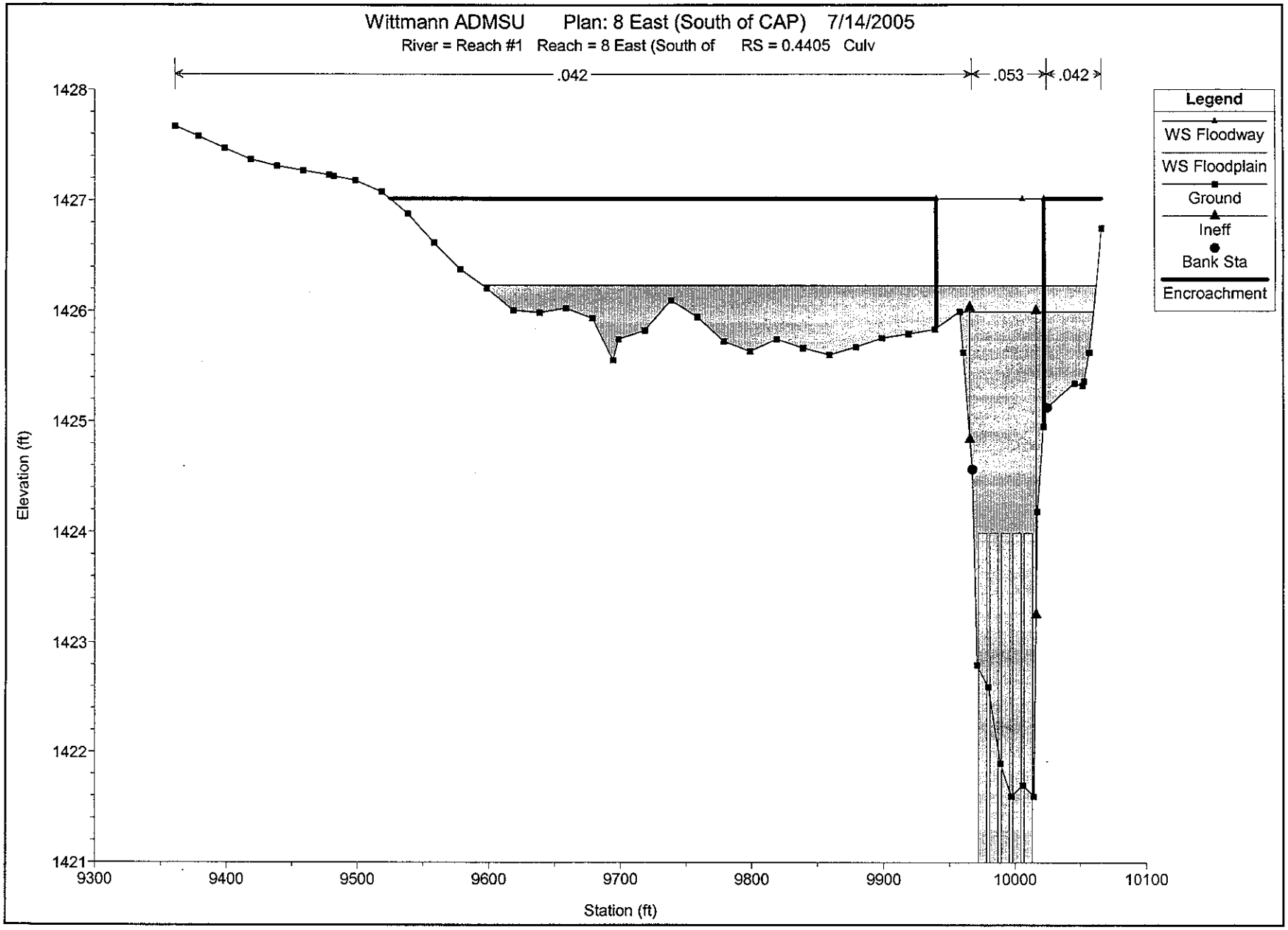

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.701
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1436
1435
1434
1433
1432
1431
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)

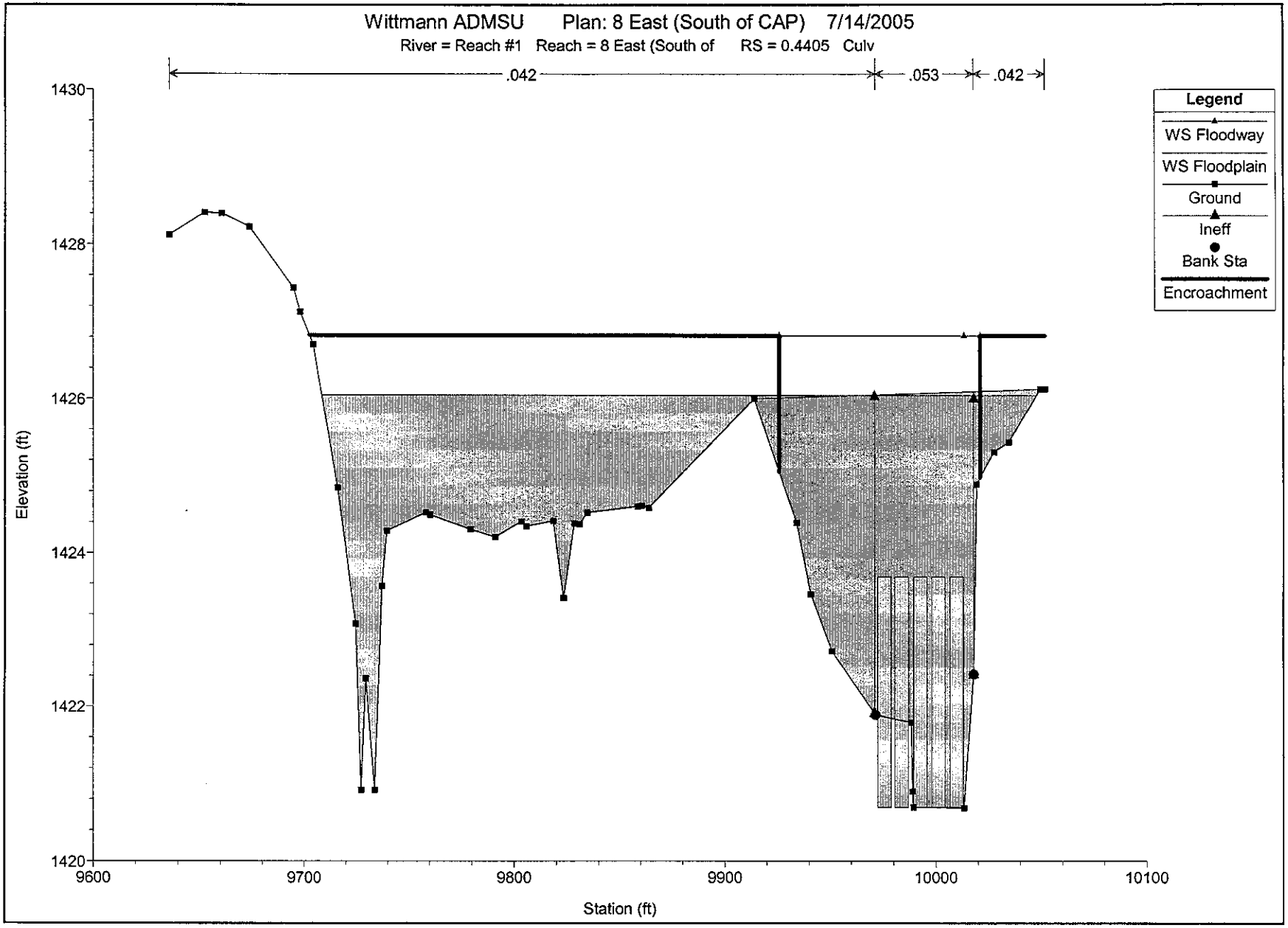

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.623
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1435
1434
1433
1432
1431
1430
1429
1428
9900
10000
10100
10200
10300
10400
Station (ft)

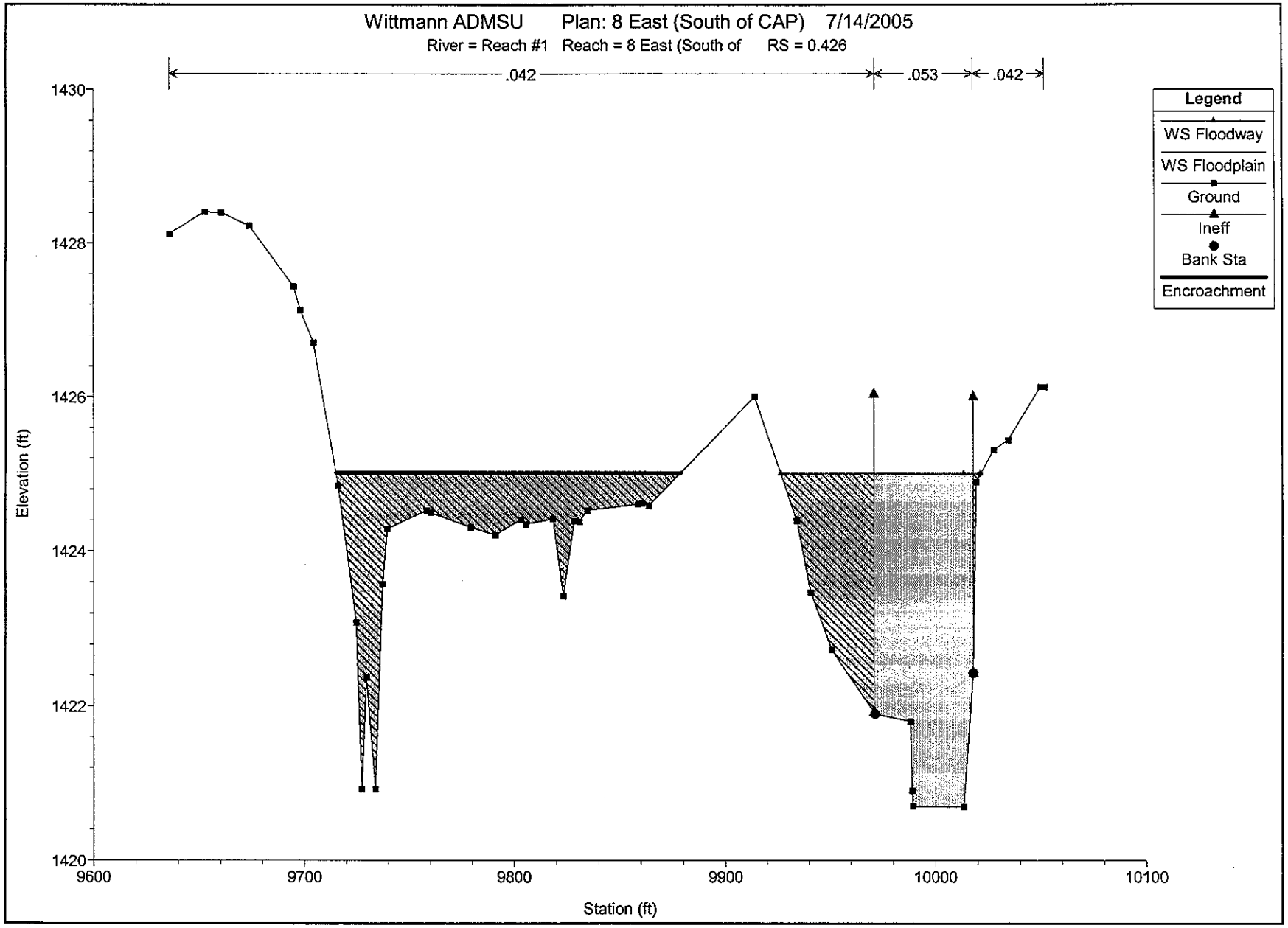

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.568
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1431
1430
1429
1428
1427
1426
1425
9950
10000
10050
10100
10150
10200
10250
10300
Station (ft)

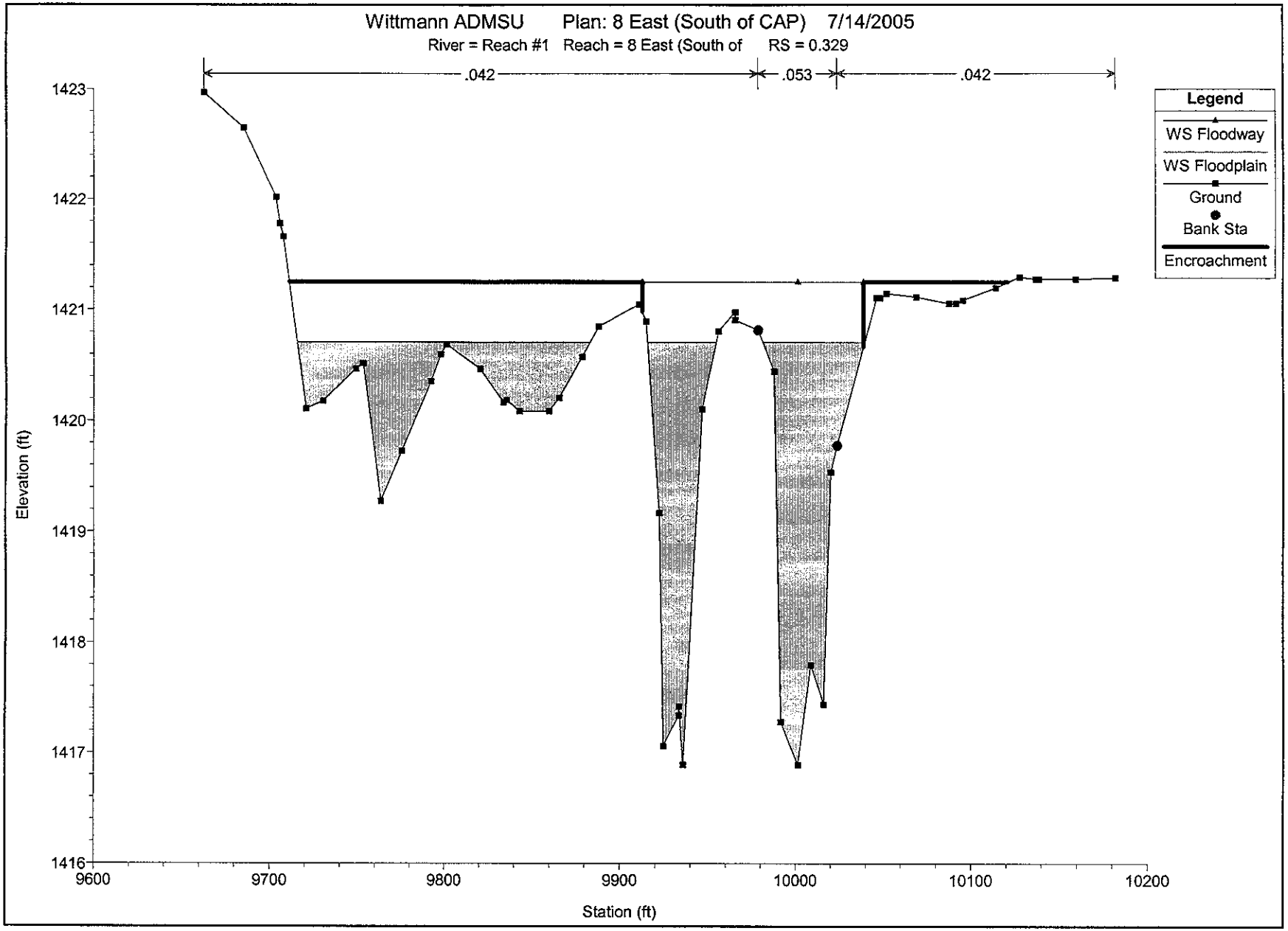

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.52
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1430
1429
1428
1427
1426
1425
1424
1423
9700
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)

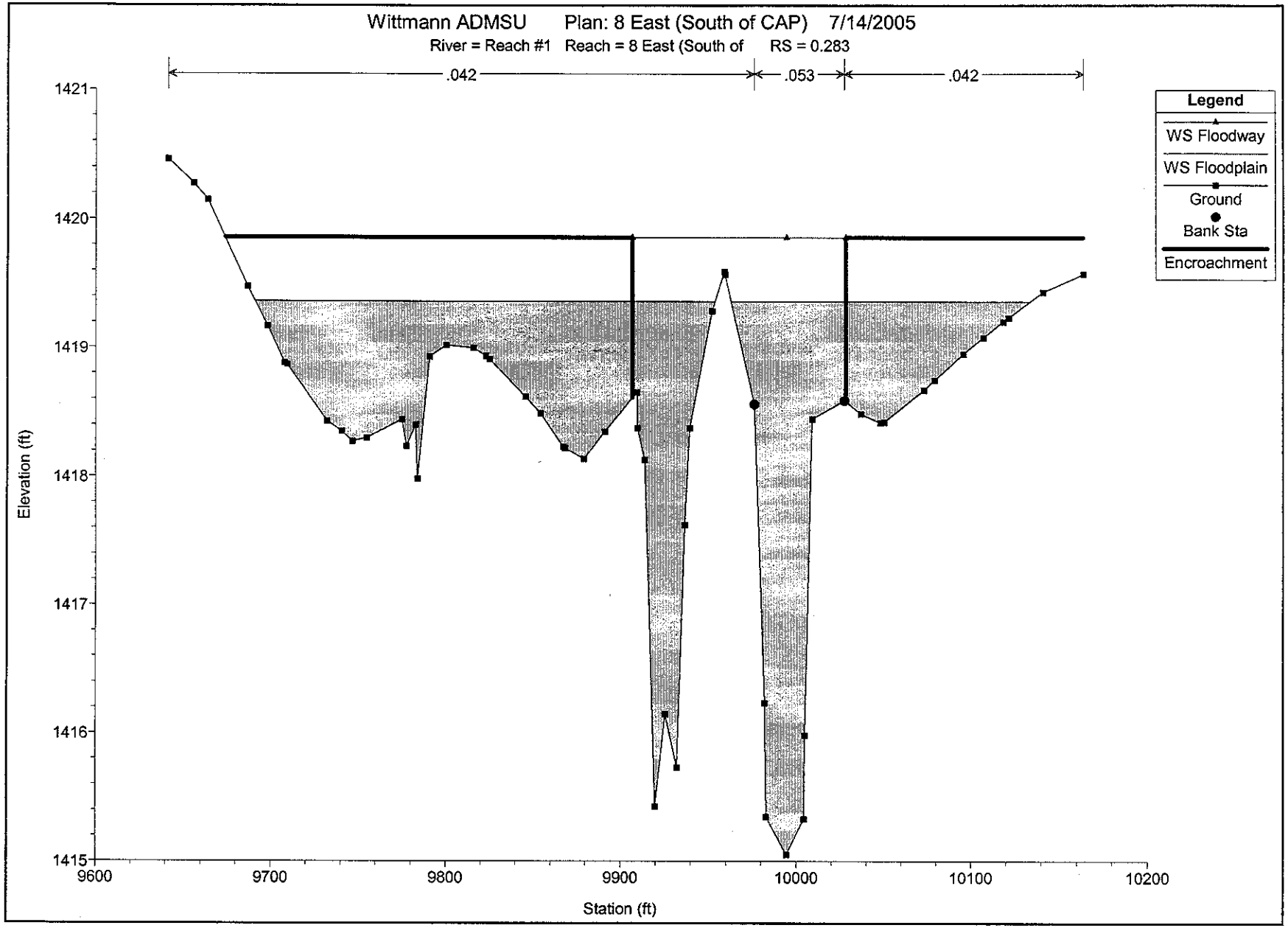

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.455
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1428
1427
1426
1425
1424
1423
1422
1421
9300
9400
9500
9600
9700
9800
9900
10000
10100
Station (ft)

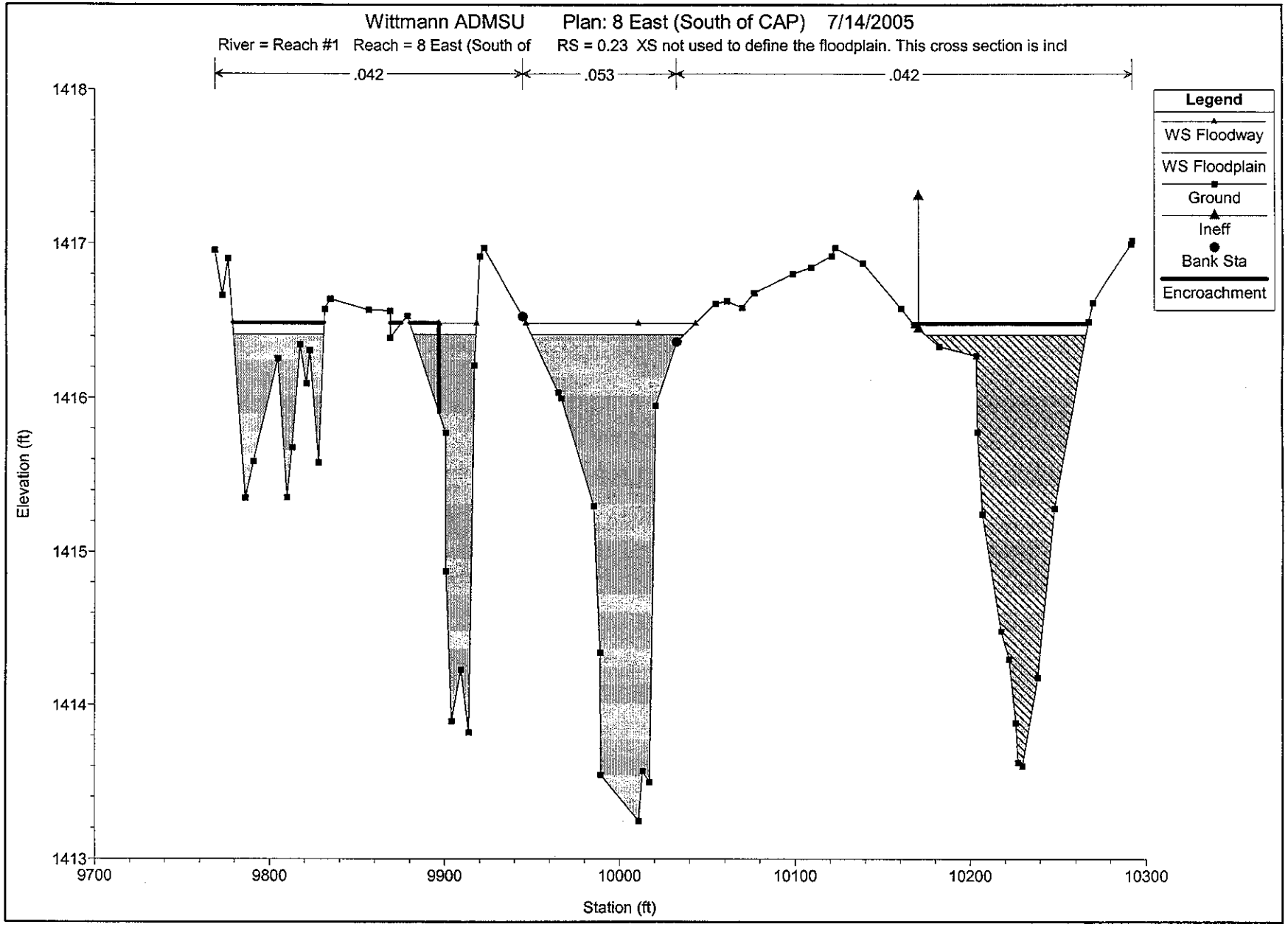

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.4405 Culv
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1428
1427
1426
1425
1424
1423
1422
1421
9300
9400
9500
9600
9700
9800
9900
10000
10100
Station (ft)

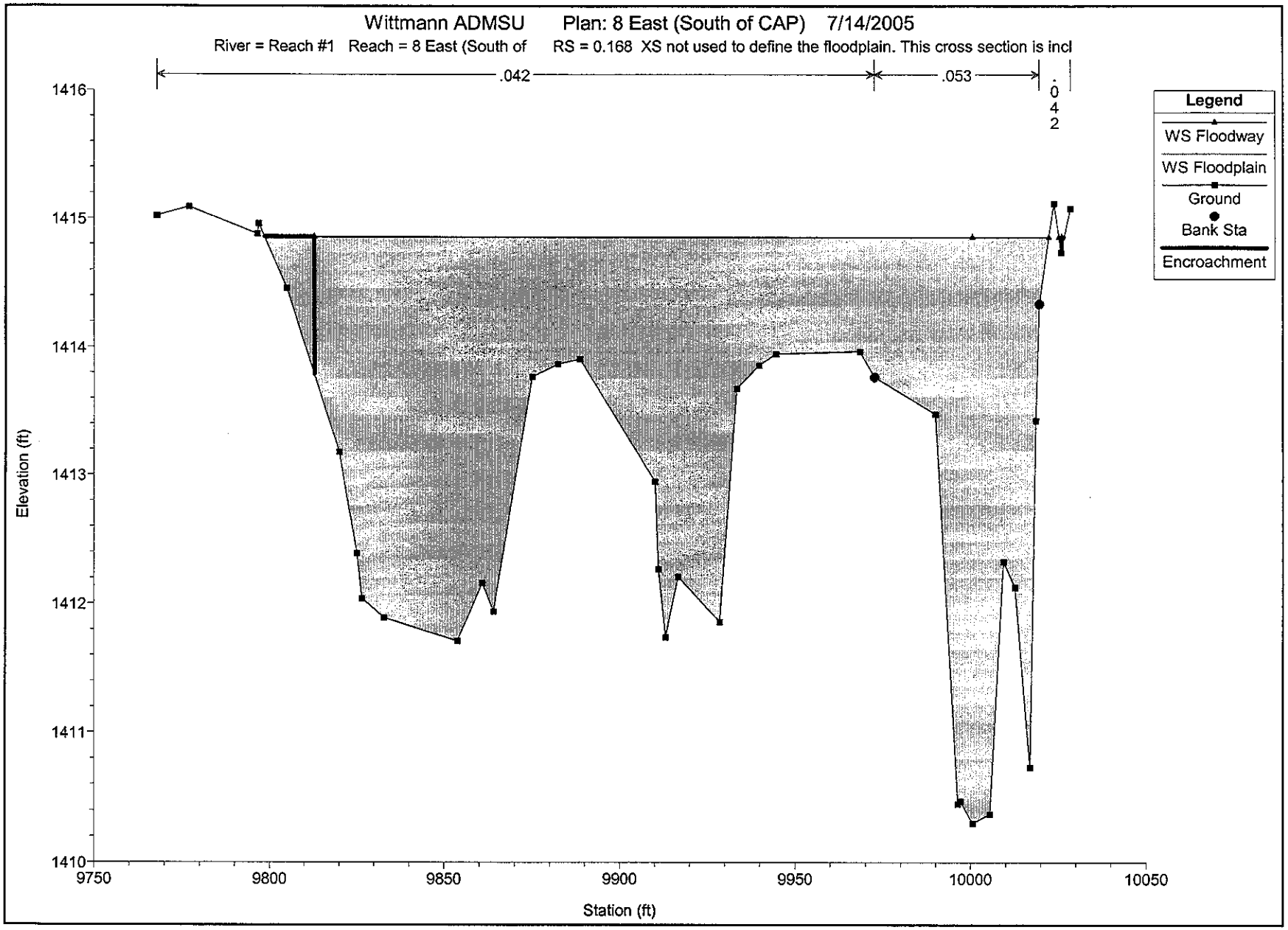

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.4405 Culv
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1430
1428
1426
1424
1422
1420
9600
9700
9800
9900
10000
10100
Station (ft)

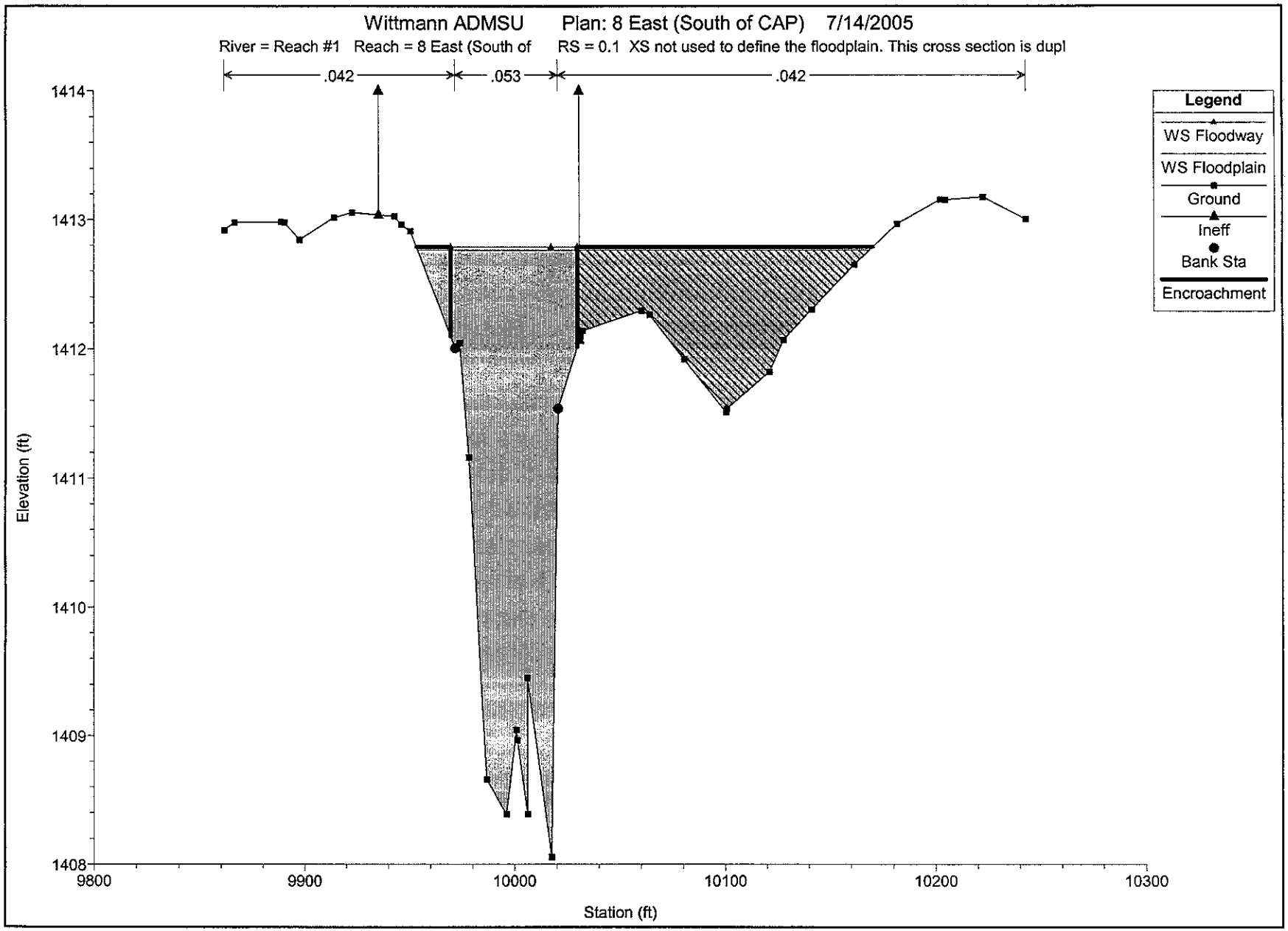

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.426
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1430
1428
1426
1424
1422
1420
9600
9700
9800
9900
10000
10100
Station (ft)


Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.329
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1423
1422
1421
1420
1419
1418
1417
1416
9600
9700
9800
9900
10000
10100
10200
Station (ft)

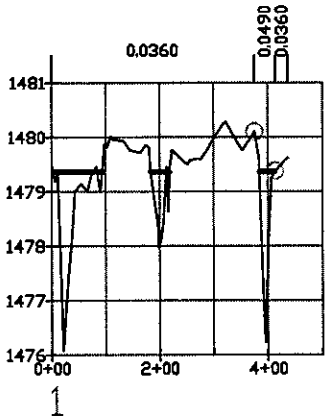

Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.283
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1421
1420
1419
1418
1417
1416
1415
9600
9700
9800
9900
10000
10100
10200
Station (ft)


Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.23 XS not used to define the floodplain. This cross section is incl
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1418
1417
1416
1415
1414
1413
9700
9800
9900
10000
10100
10200
10300
Station (ft)


Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of RS = 0.168 XS not used to define the floodplain. This cross section is incl
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1416
1415
1414
1413
1412
1411
1410
9750
9800
9850
9900
9950
10000
10050
Station (ft)


Wittmann ADMSU Plan: 8 East (South of CAP) 7/14/2005
River = Reach #1 Reach = 8 East (South of
RS = 0.1 XS not used to define the floodplain. This cross section is dupl
.042
.053
.042
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1414
1413
1412
1411
1410
1409
1408
9800
9900
10000
10100
10200
10300
Station (ft)

7 EAST AND 8 EAST (ZONE A)



Normal Depth Results

Cross-Section:	1	
Elevation:	1479.370	ft MSL
Depth:	3.290	ft
Discharge:	410.000	cfs
Energy Gradient:	0.0097	ft/ft
Froude Number:	0.3228	
Flow Regime:	Subcritical	
Flow Area:	123.480	sq ft
Average Velocity:	3.330	ft/s
Maximum Velocity:	3.360	ft/s
Composite n:	0.0386	
Hydraulic Radius:	0.82	ft
Wetted Perimeter:	150.300	ft
Wetted Top Width:	148.150	ft
Critical Slope:	0.0926	ft/ft

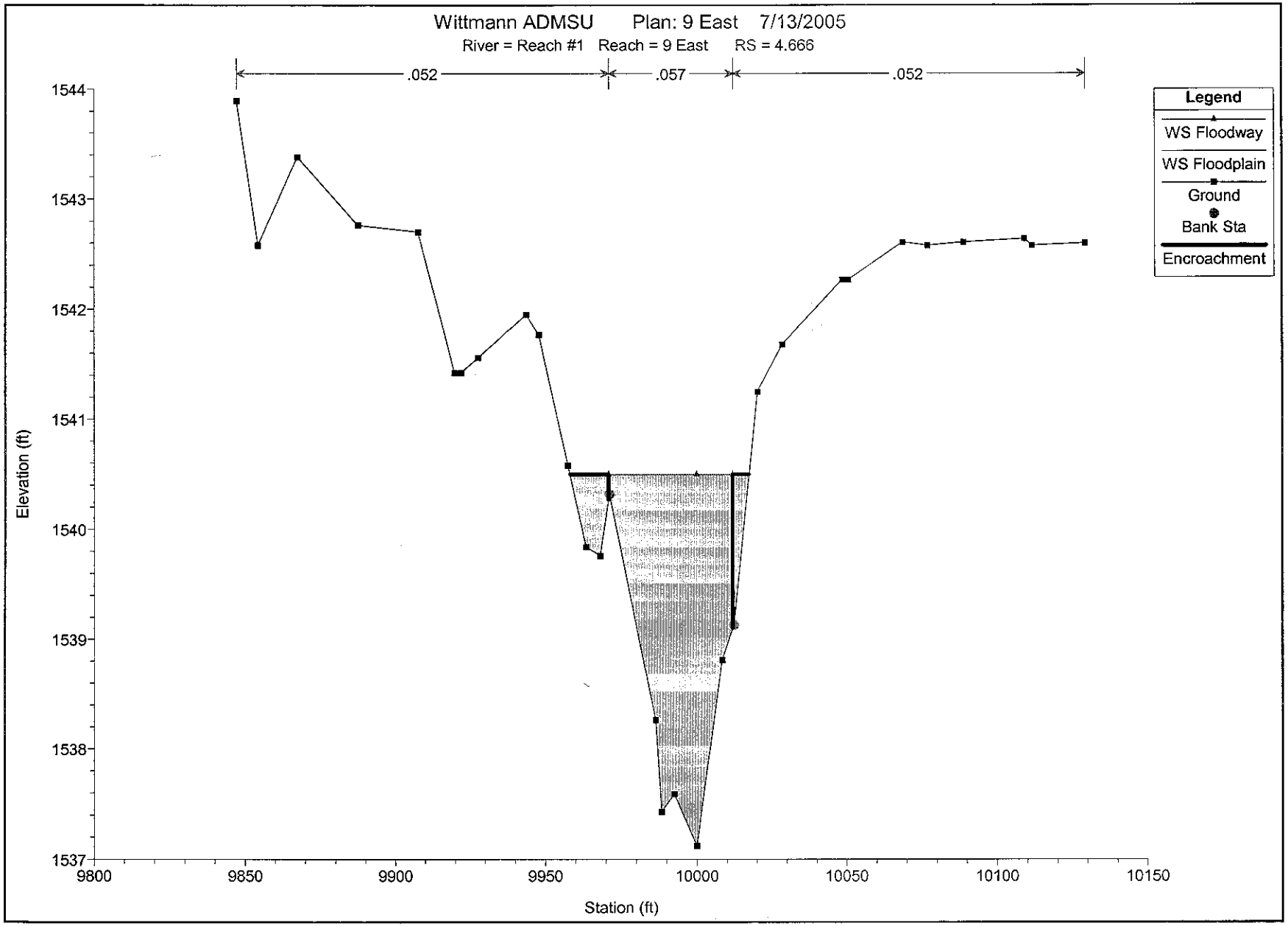
WITTMANN ADMSU FCD 2002C029

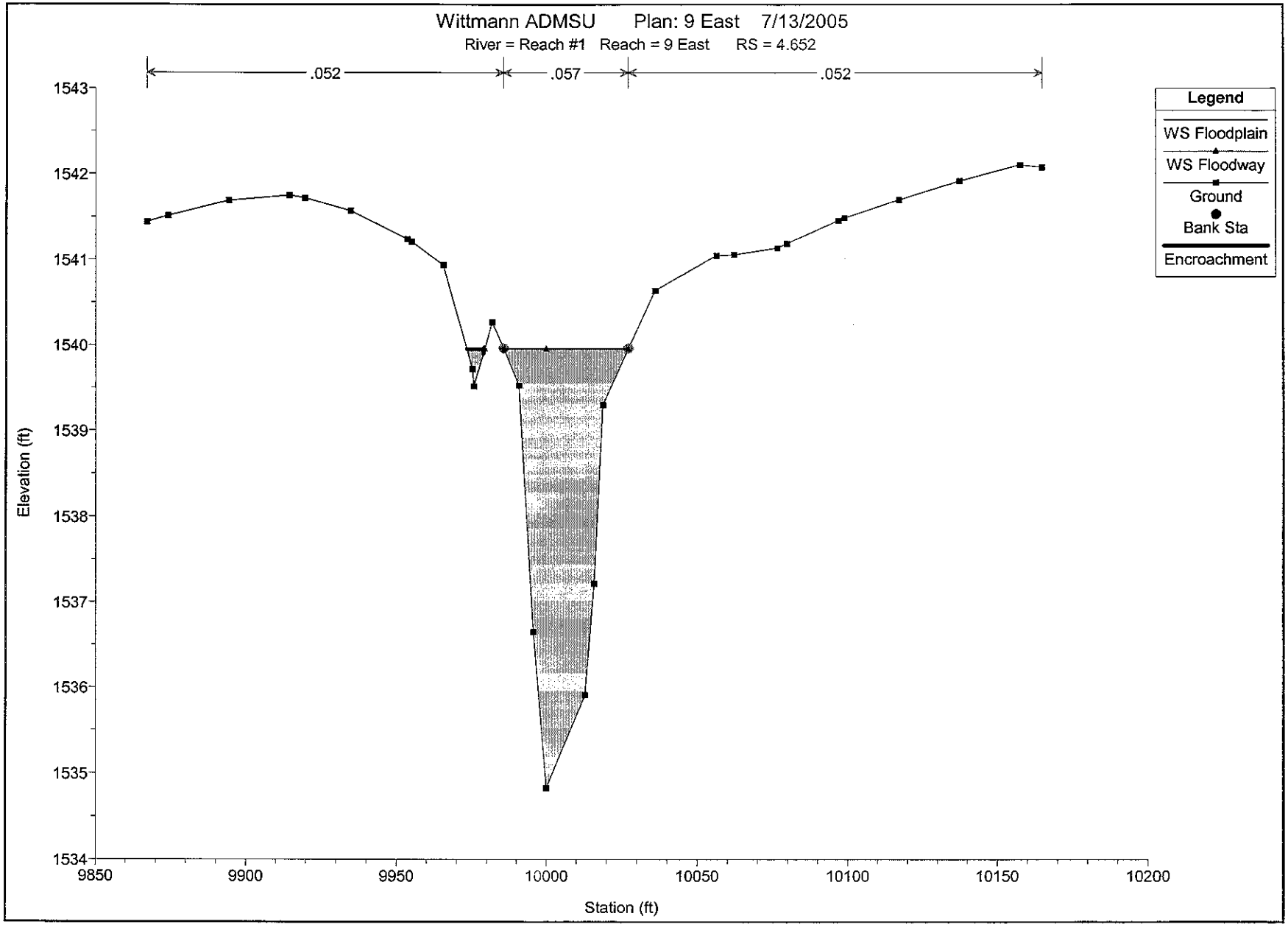
7E & 8E ZONE A

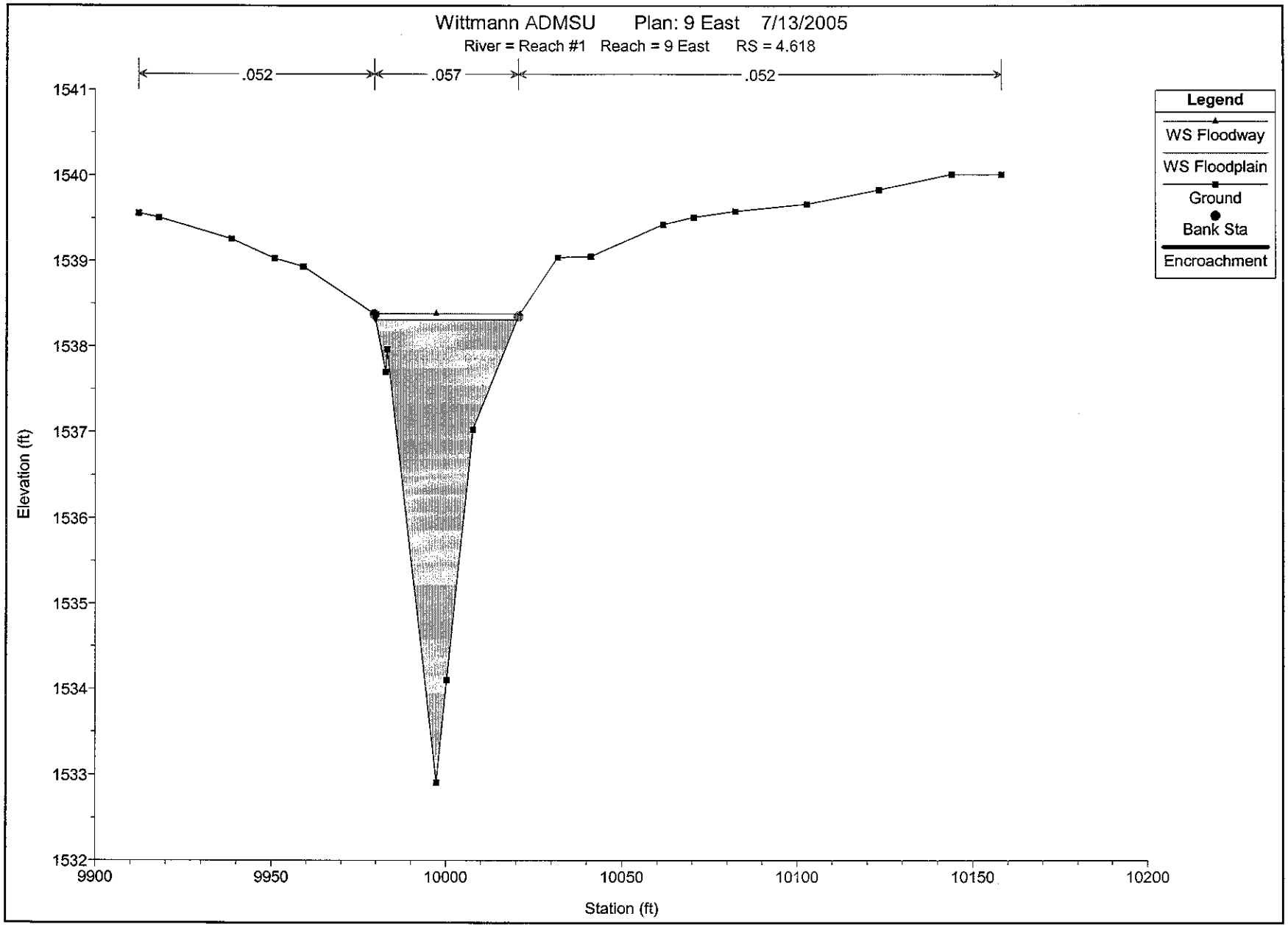
Entellus™

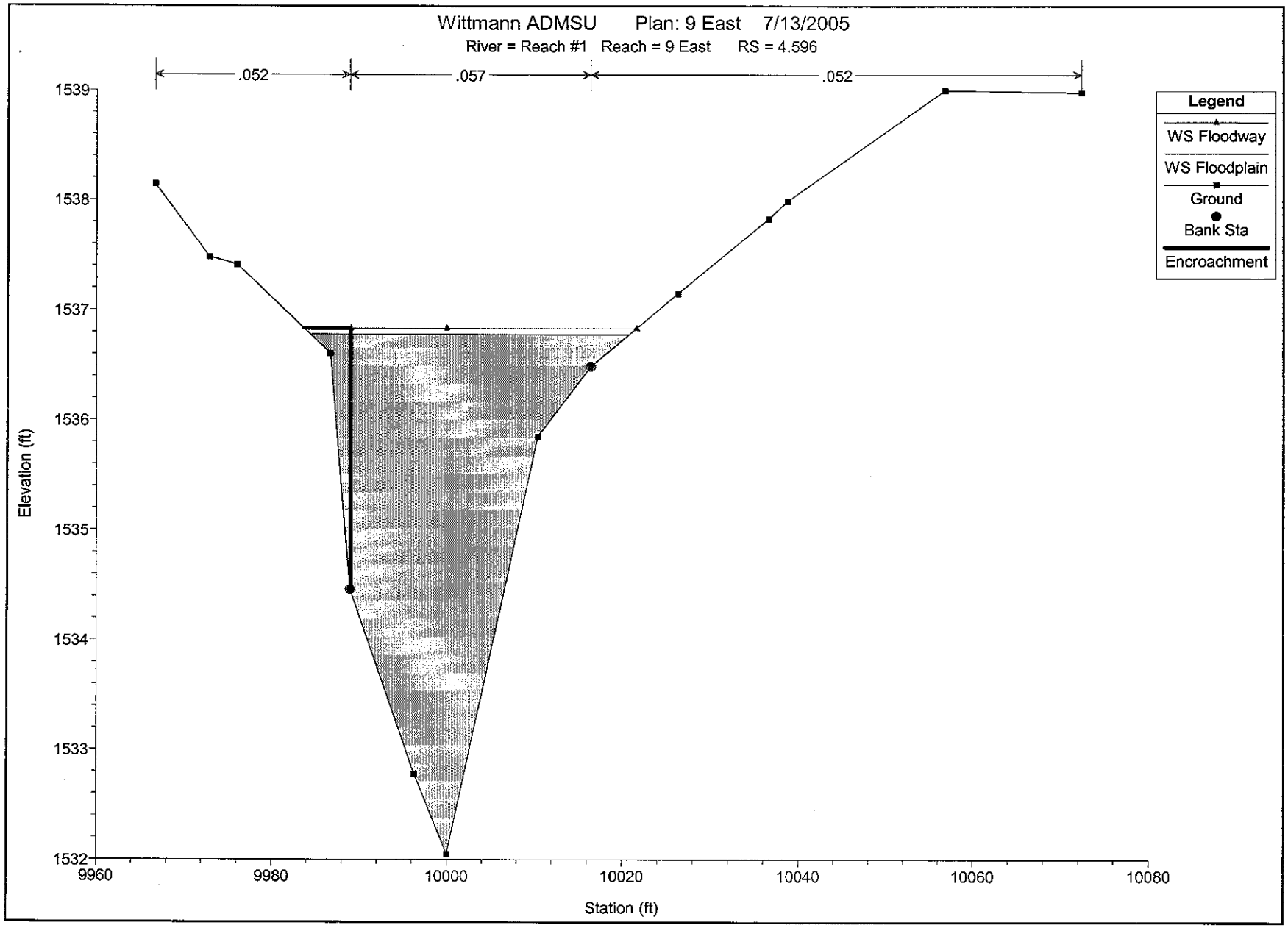
File: 8E.dwg Date: 07/18/05

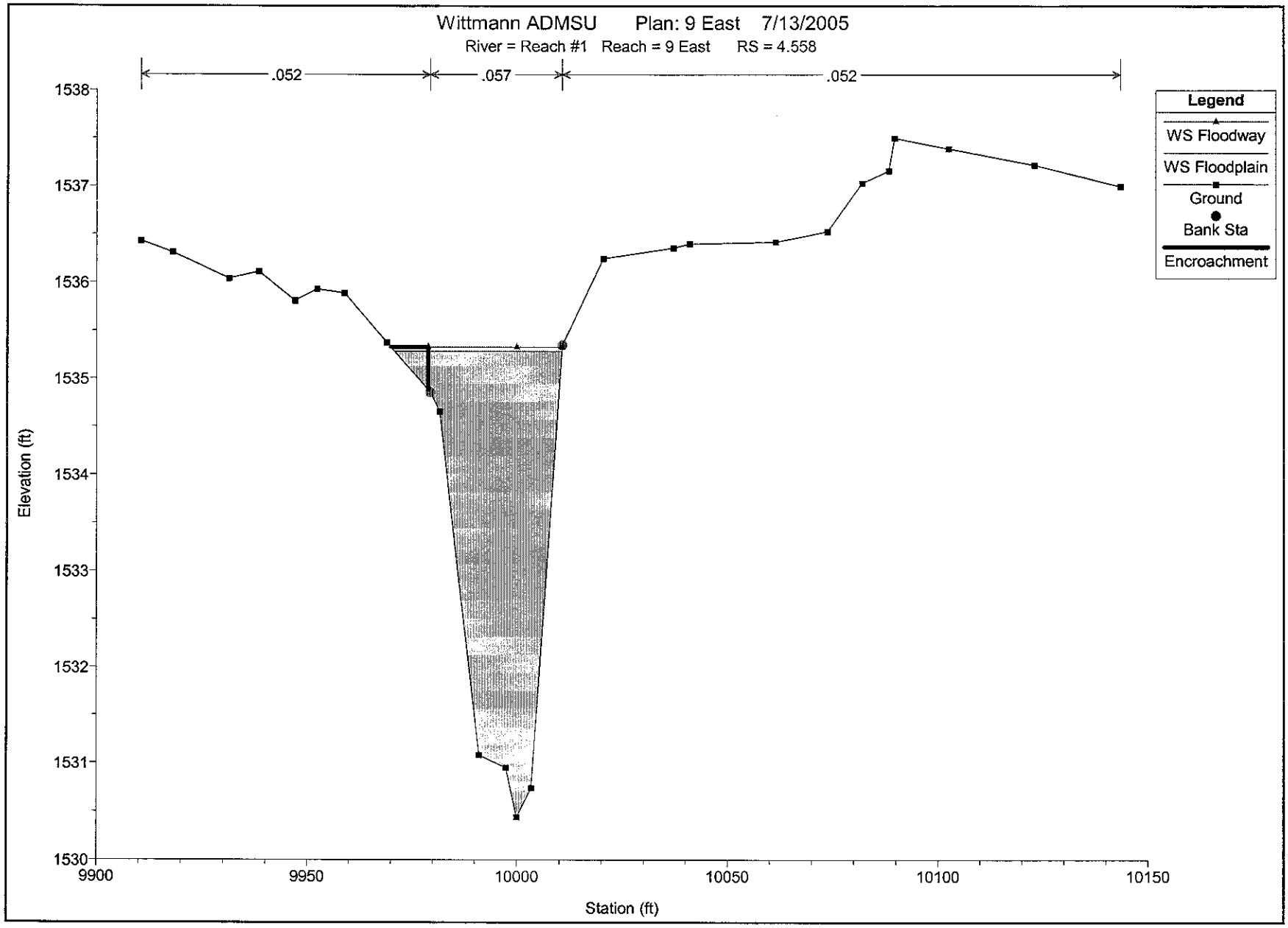
9 EAST

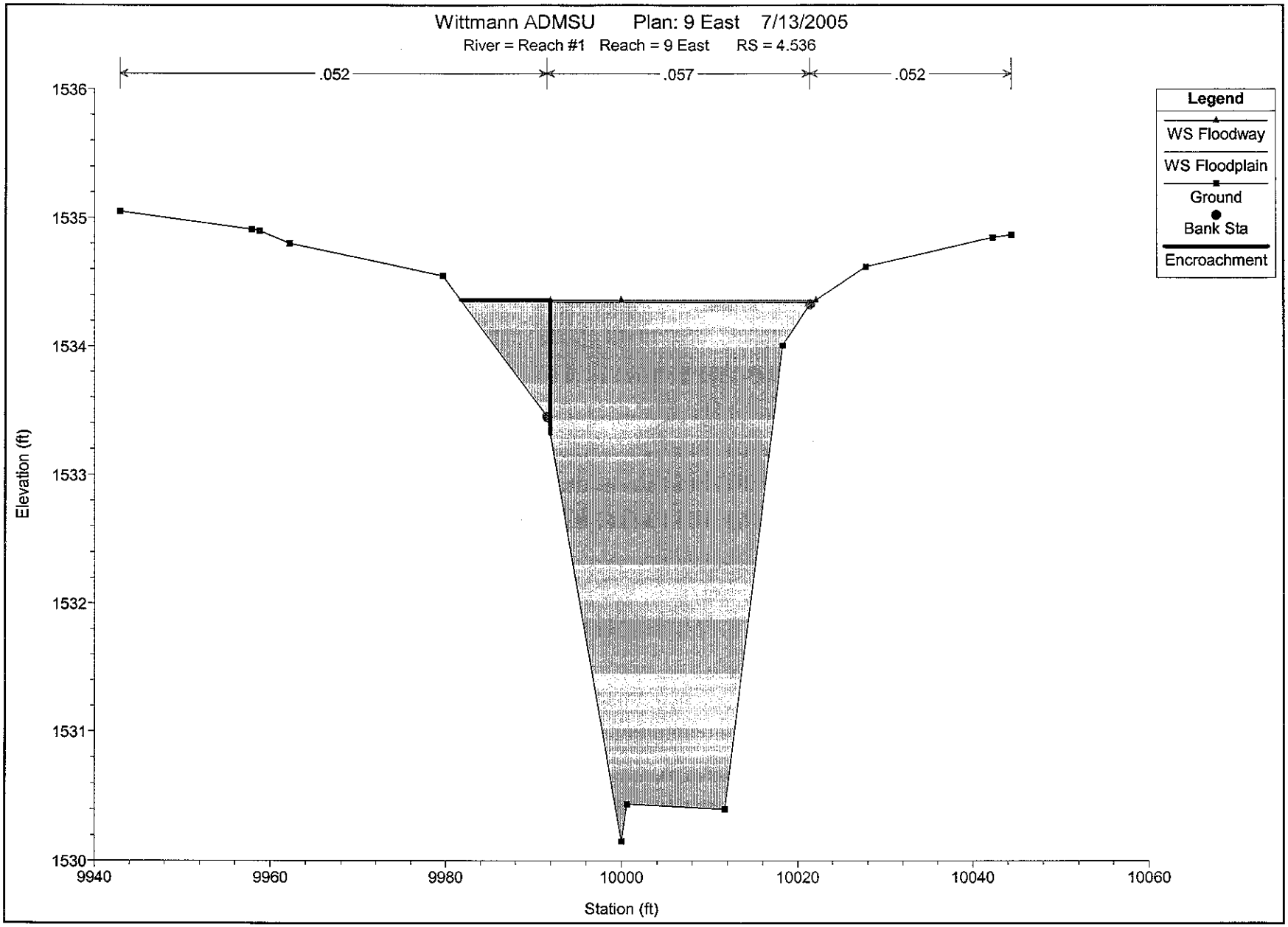

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.666
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1544
1543
1542
1541
1540
1539
1538
1537
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

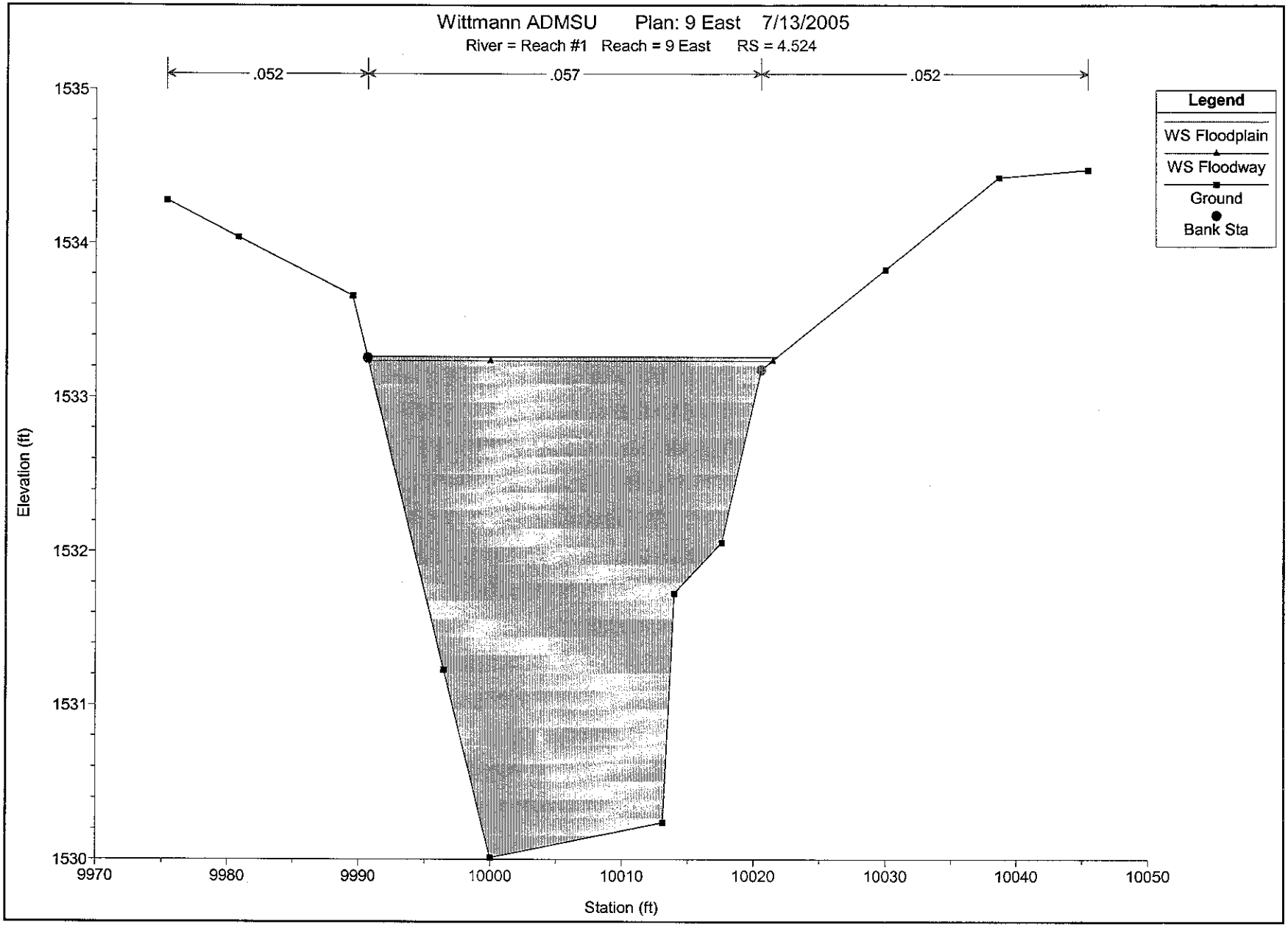

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.652
.052
.057
.052
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1543
1542
1541
1540
1539
1538
1537
1536
1535
1534
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

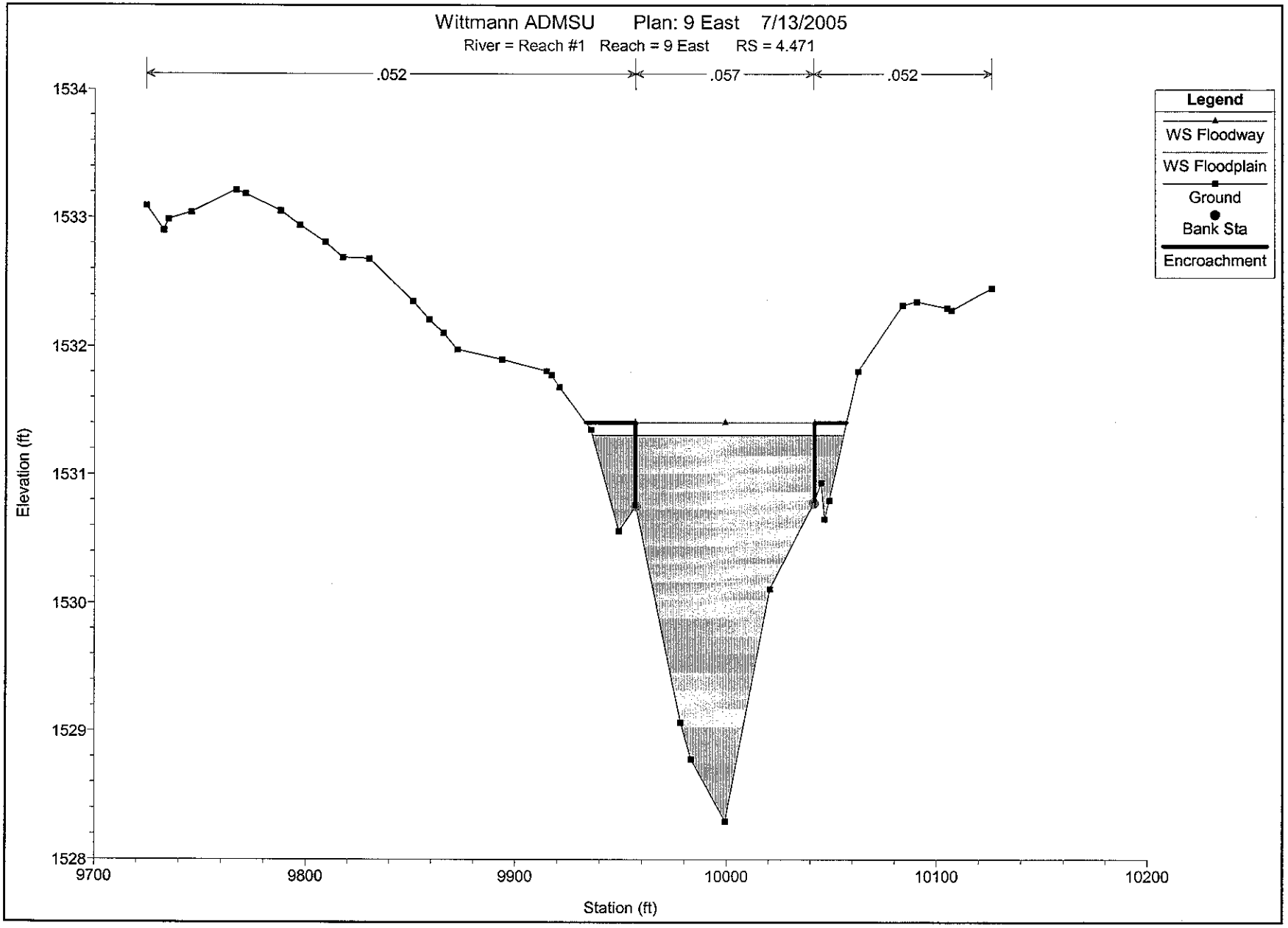

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.618
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1541
1540
1539
1538
1537
1536
1535
1534
1533
1532
9900
9950
10000
10050
10100
10150
10200
Station (ft)

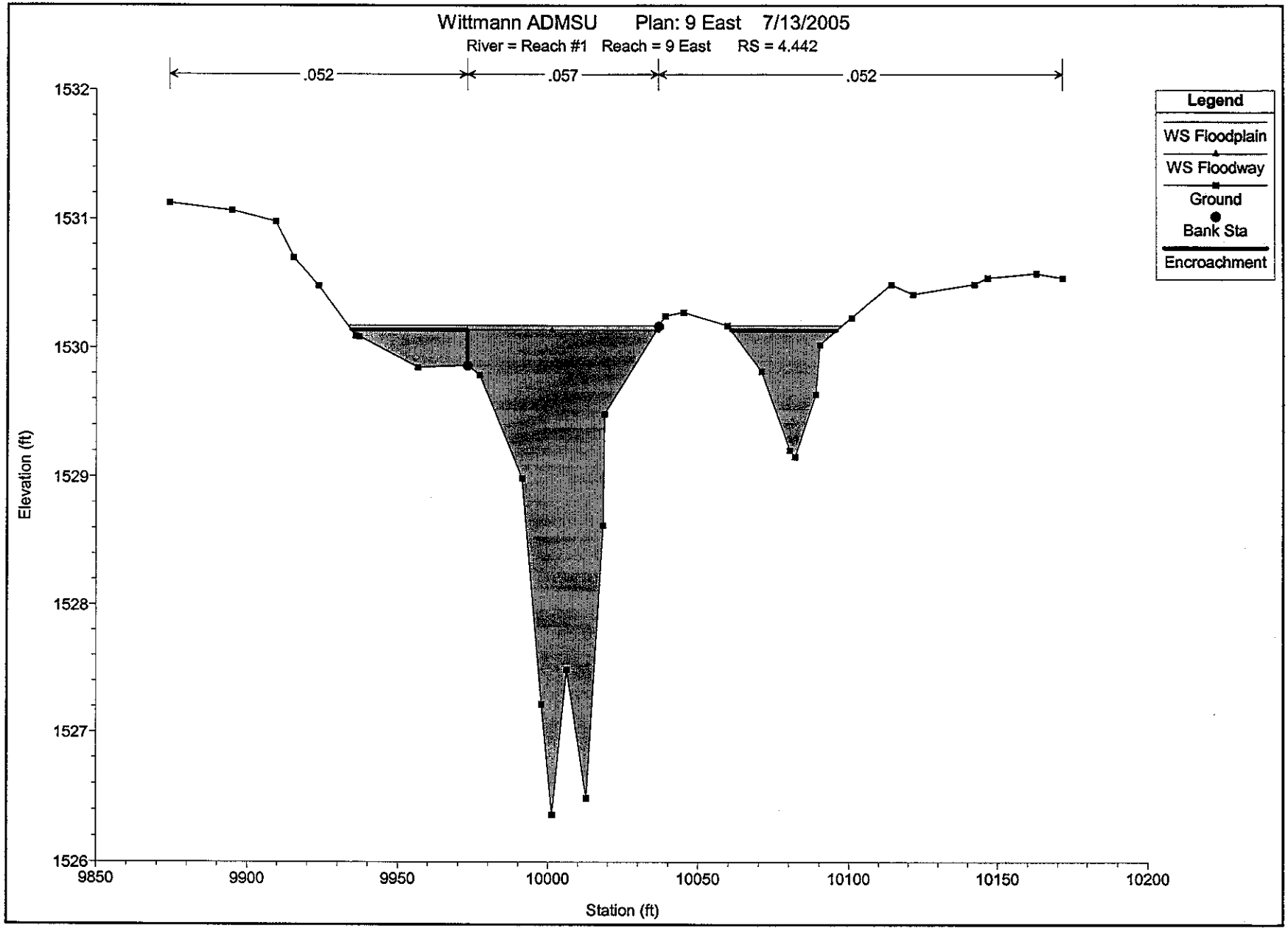

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.596
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1539
1538
1537
1536
1535
1534
1533
1532
9960
9980
10000
10020
10040
10060
10080
Station (ft)

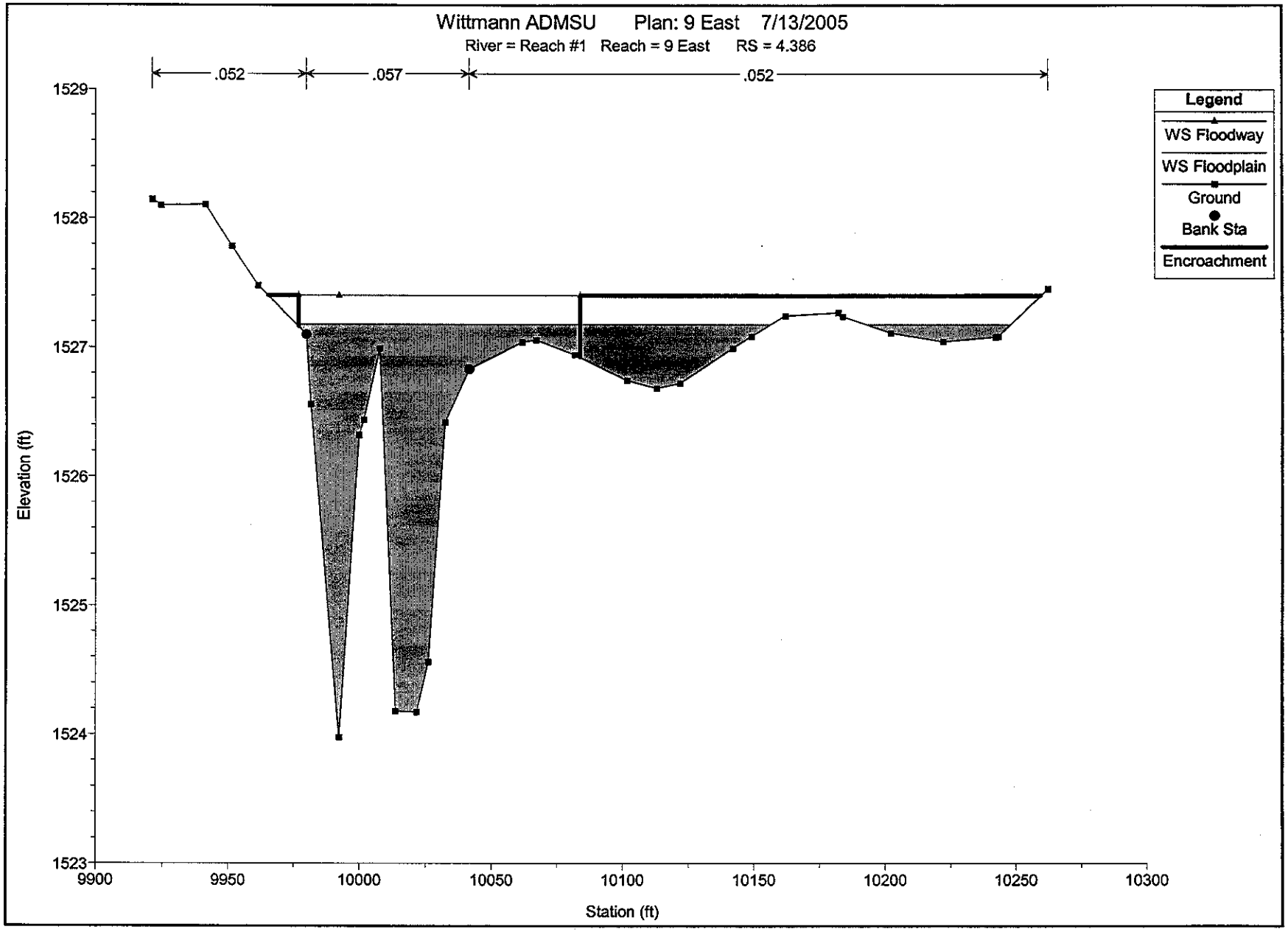

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.558
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1538
1537
1536
1535
1534
1533
1532
1531
1530
9900
9950
10000
10050
10100
10150
Station (ft)

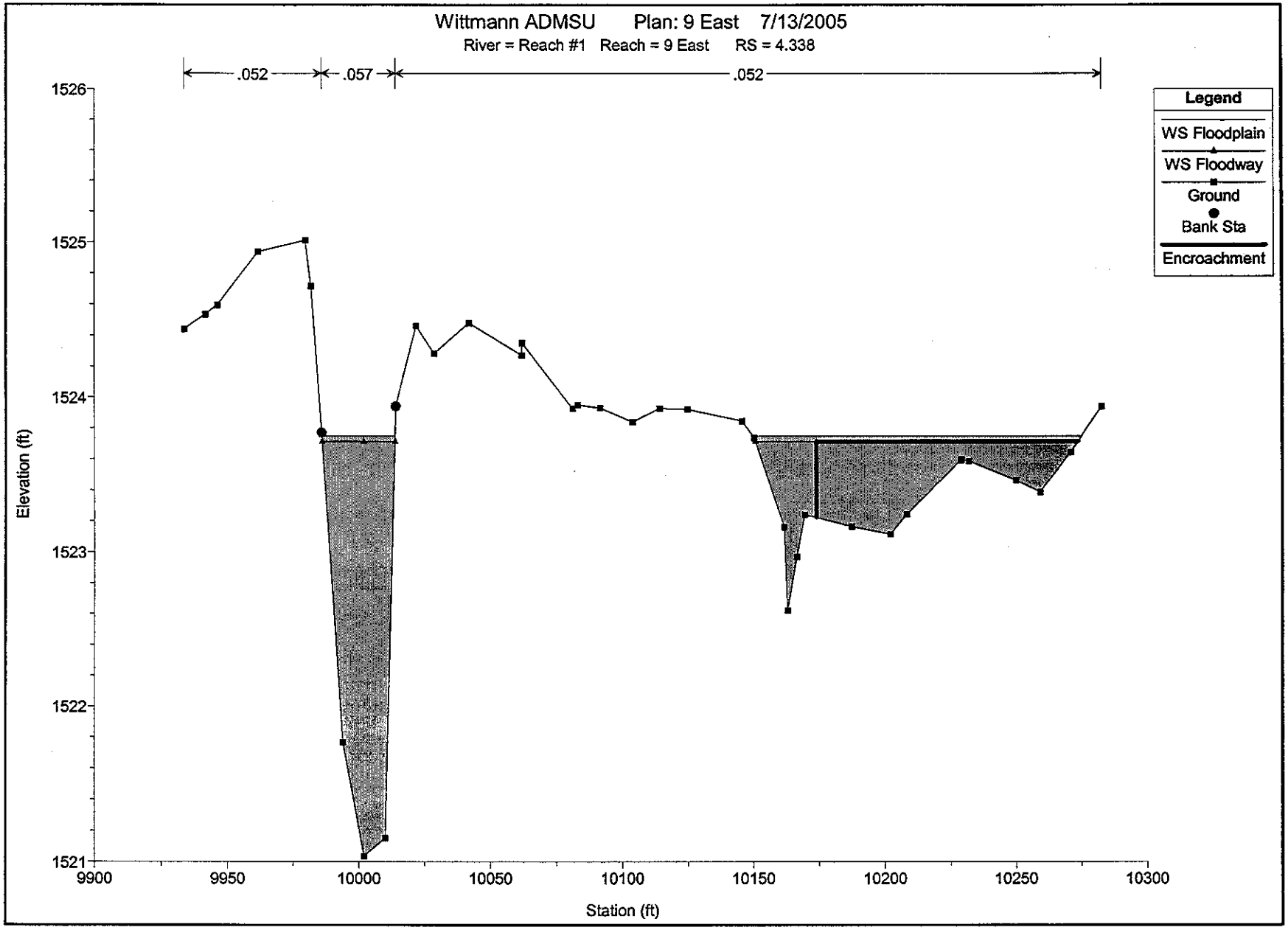

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.536
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1536
1535
1534
1533
1532
1531
1530
9940
9960
9980
10000
10020
10040
10060
Station (ft)

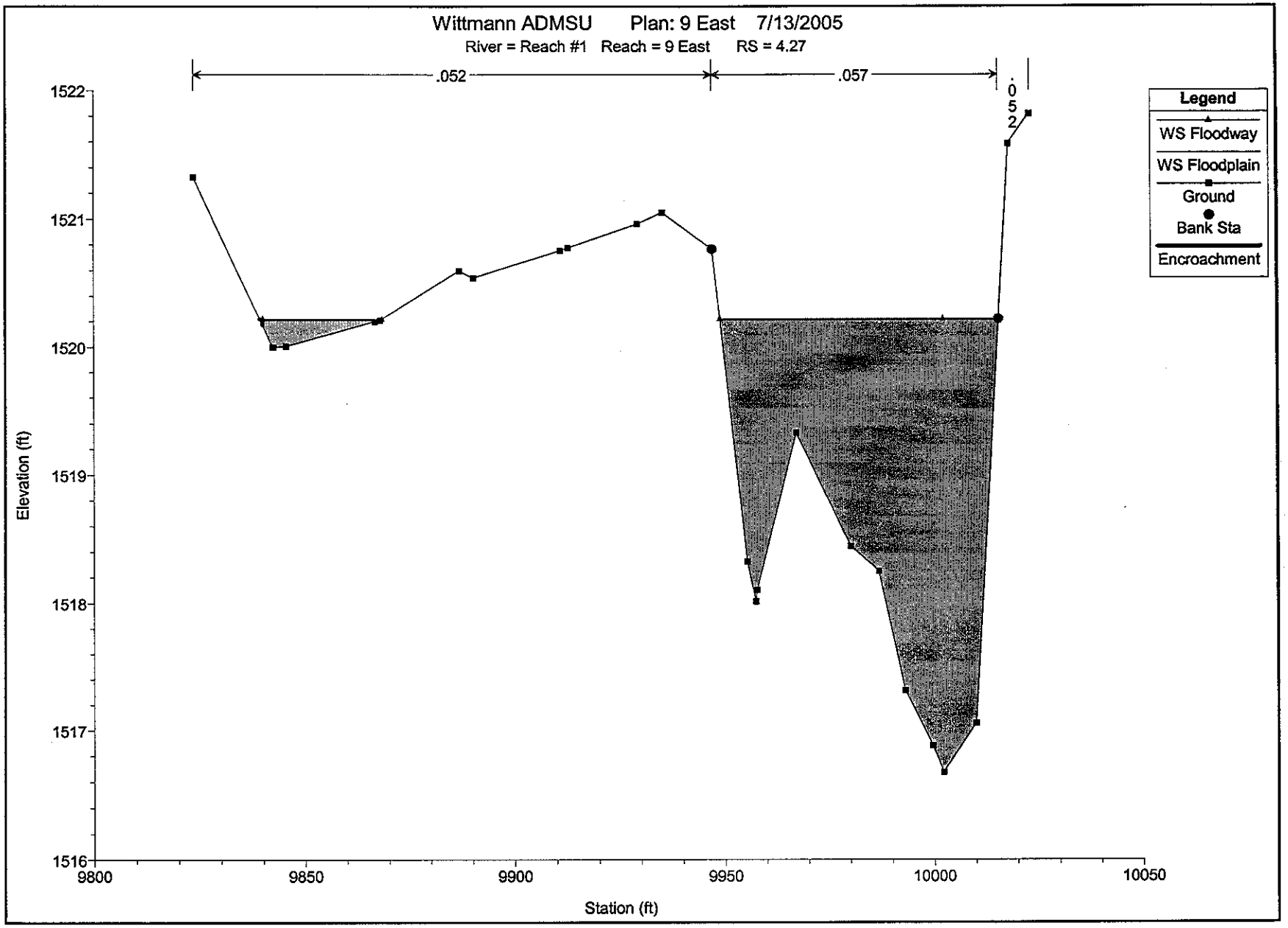

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.524
.052
.057
.052
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1535
1534
1533
1532
1531
1530
9970
9980
9990
10000
10010
10020
10030
10040
10050
Station (ft)

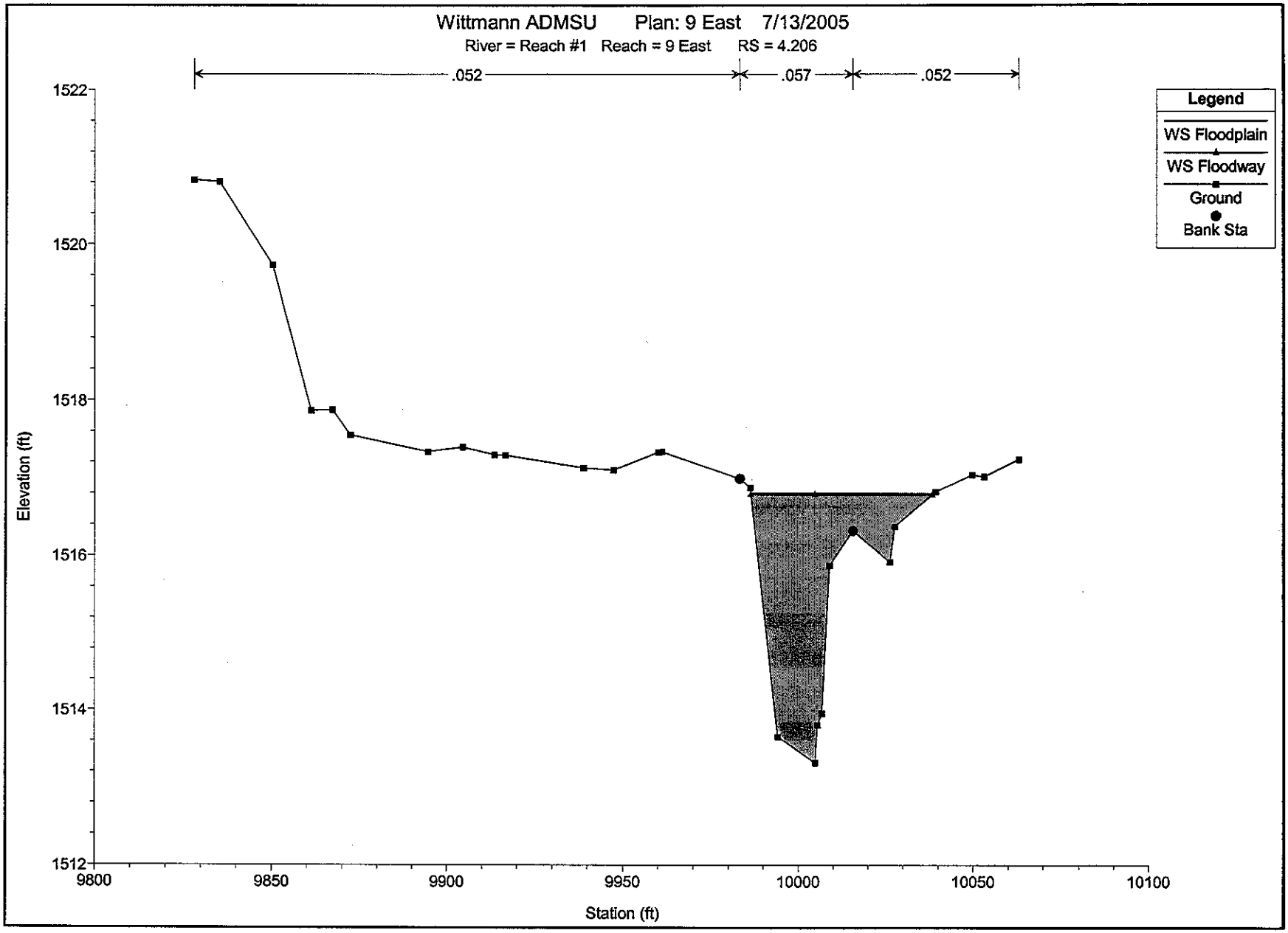

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.471
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1534
1533
1532
1531
1530
1529
1528
9700
9800
9900
10000
10100
10200
Station (ft)

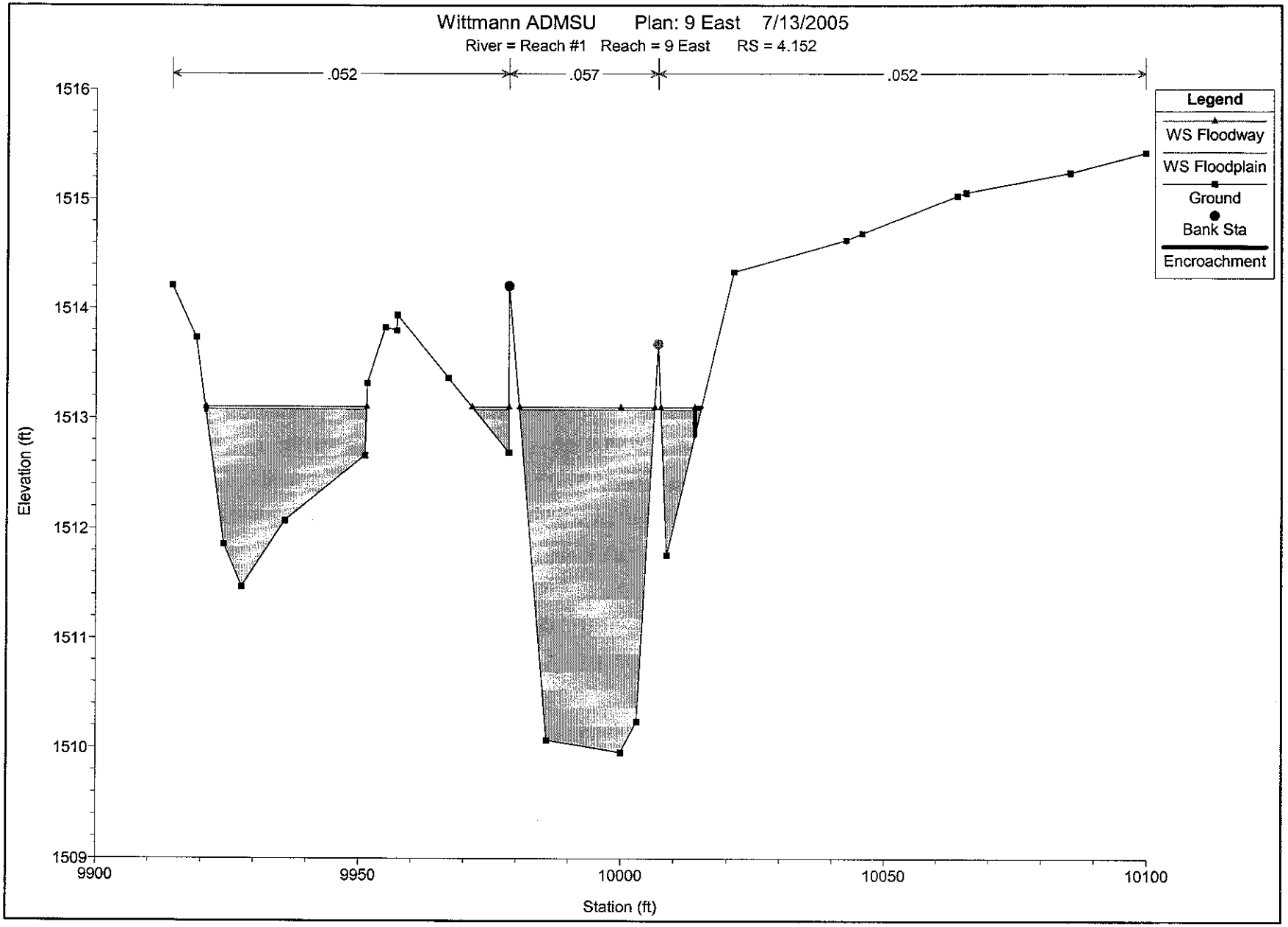

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.442
.052
.057
.052
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1532
1531
1530
1529
1528
1527
1526
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

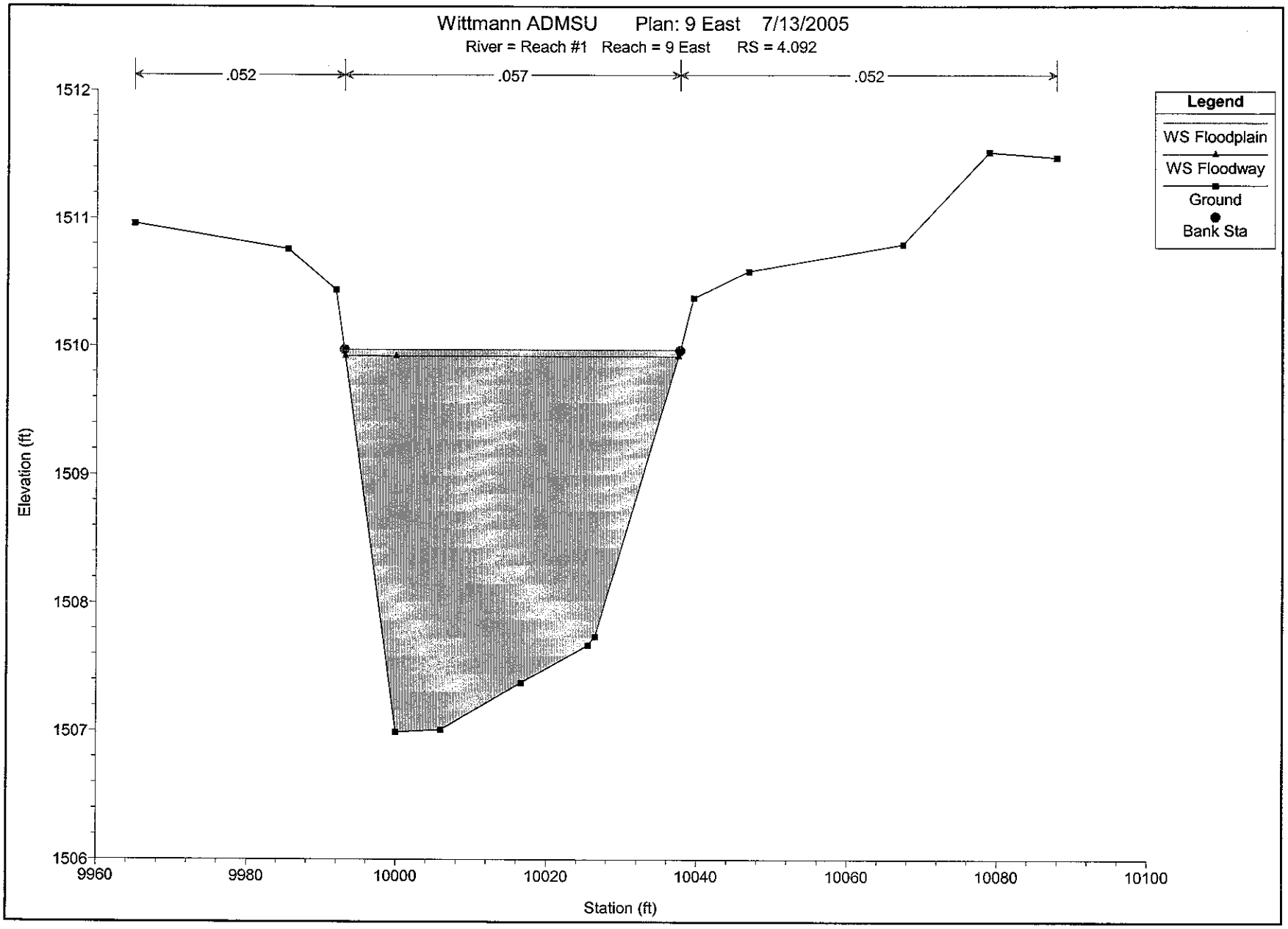

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.386
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1529
1528
1527
1526
1525
1524
1523
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station (ft)

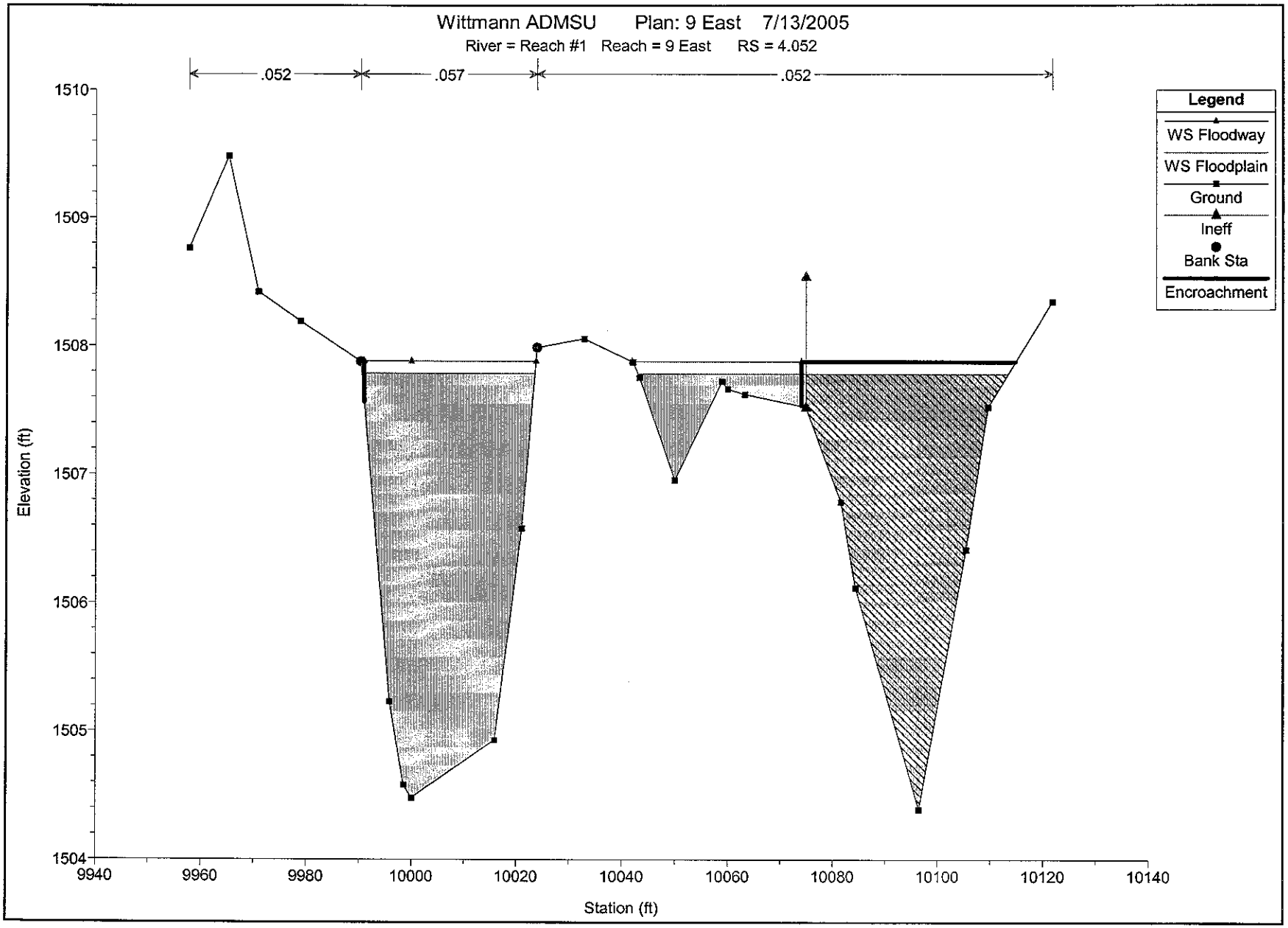

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.338
.052
.057
.052
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1526
1525
1524
1523
1522
1521
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station (ft)

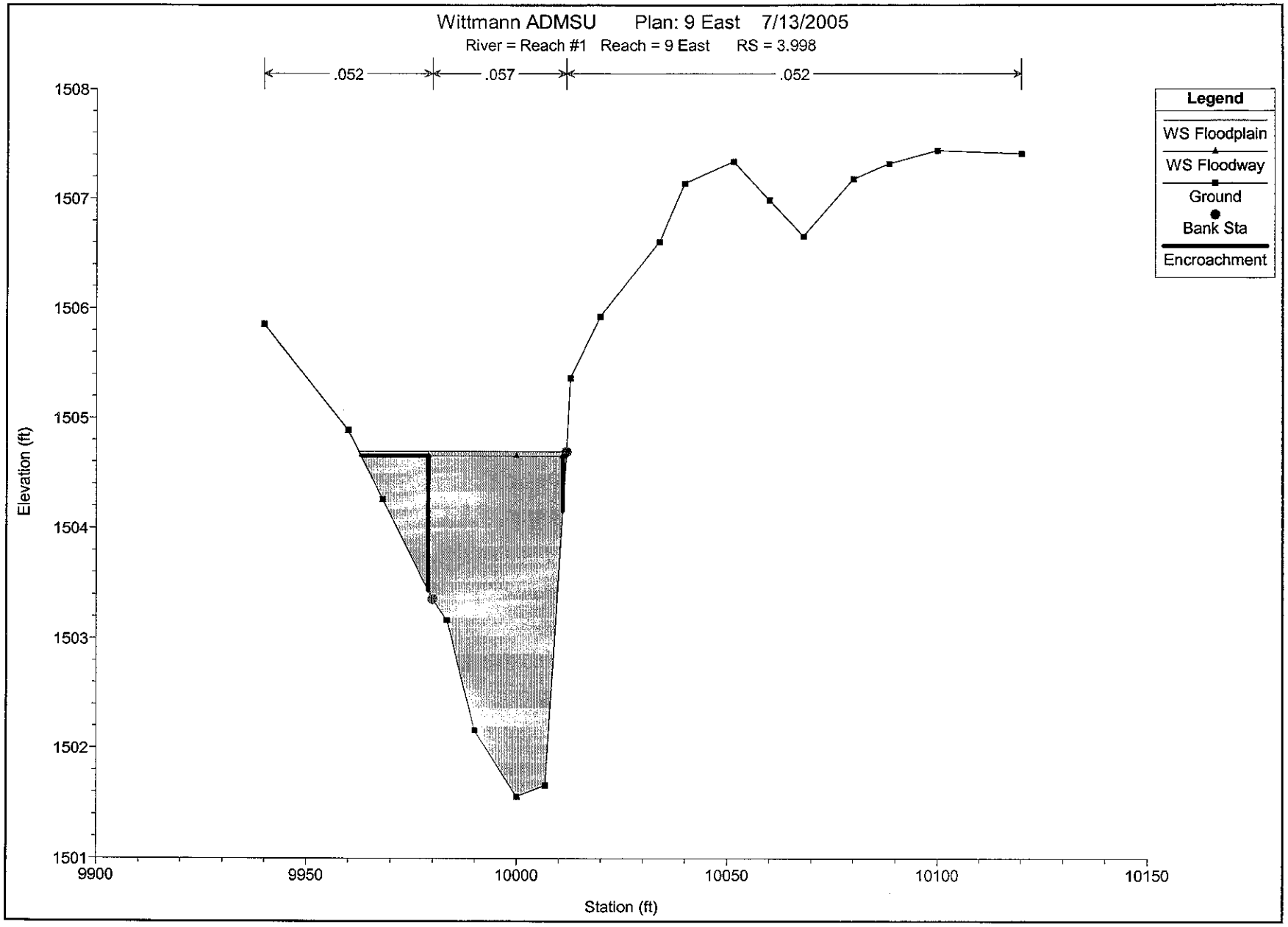

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.27
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1522
1521
1520
1519
1518
1517
1516
9800
9850
9900
9950
10000
10050
Station (ft)

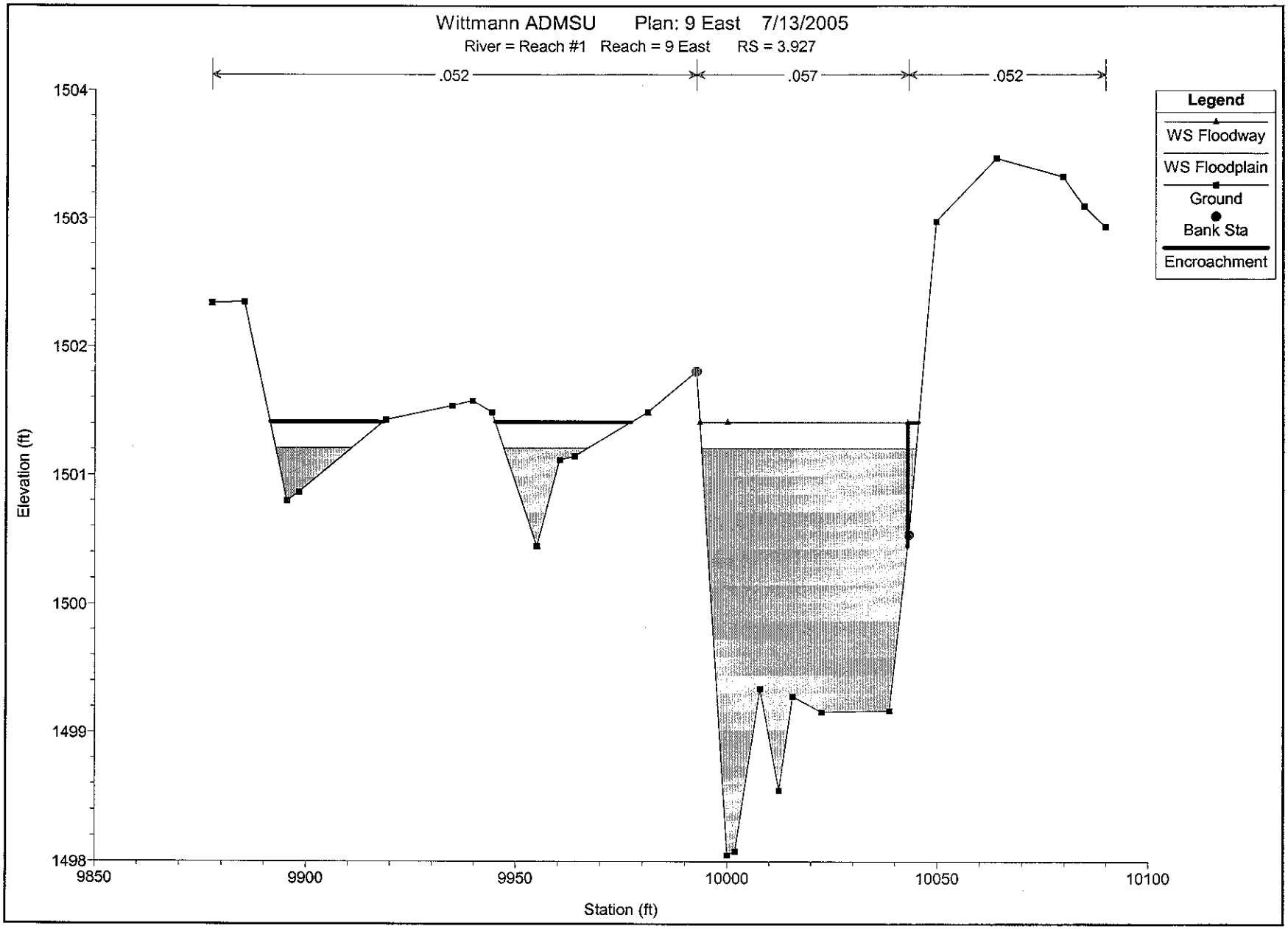

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.206
.052
.057
.052
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1522
1520
1518
1516
1514
1512
9800
9850
9900
9950
10000
10050
10100
Station (ft)

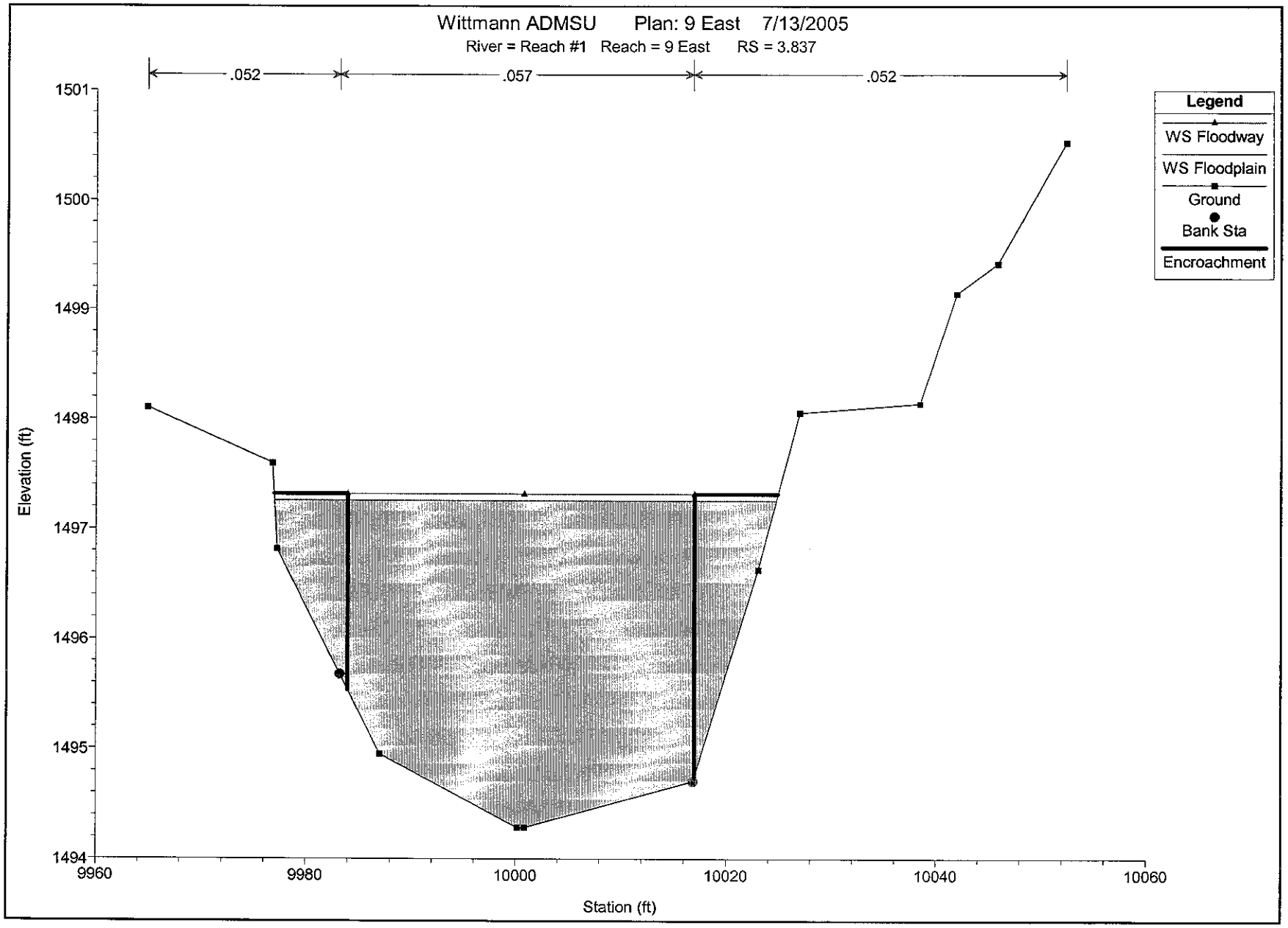

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.152
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1516
1515
1514
1513
1512
1511
1510
1509
9900
9950
10000
10050
10100
Station (ft)

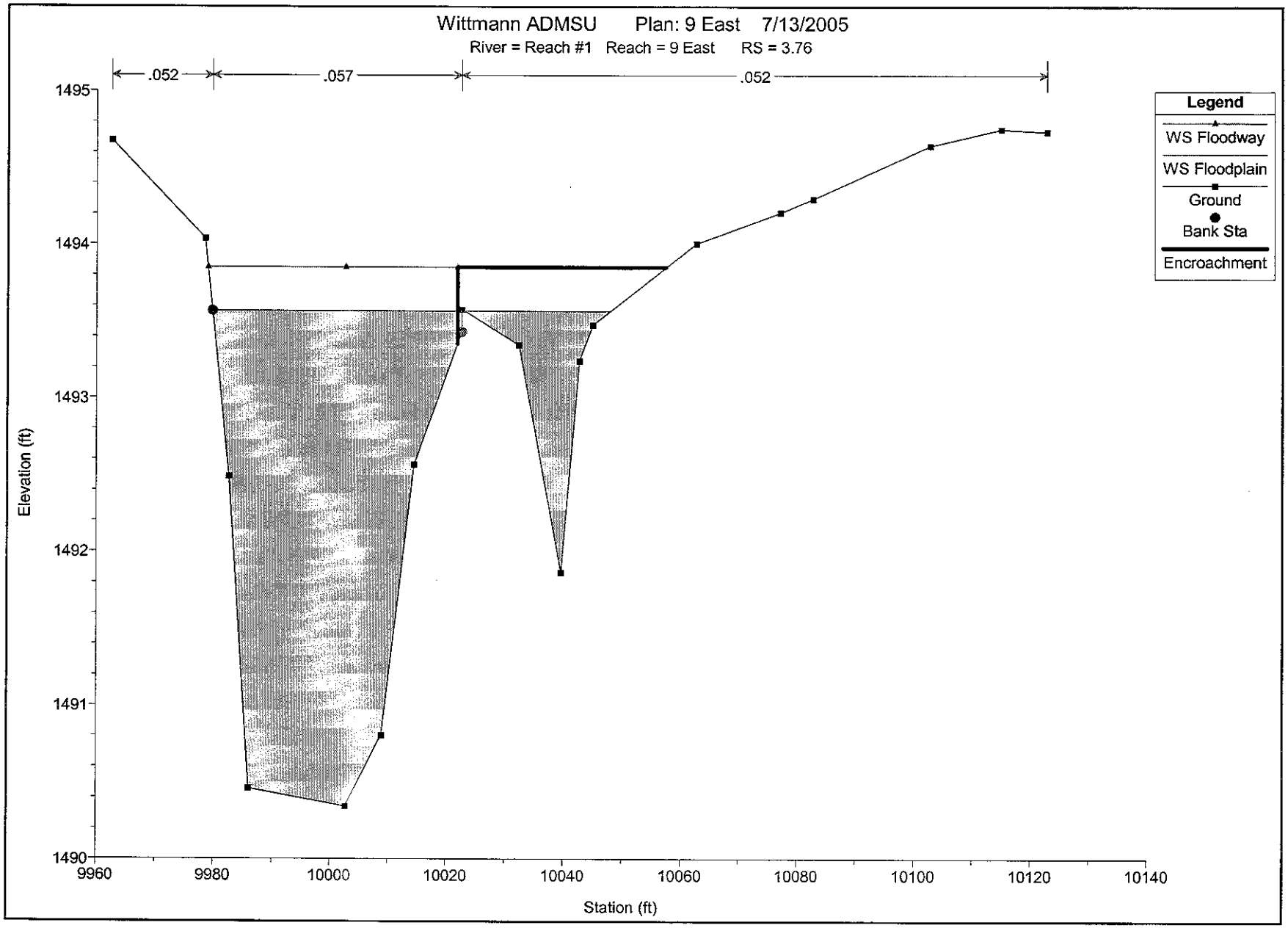

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.092
.052
.057
.052
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1512
1511
1510
1509
1508
1507
1506
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

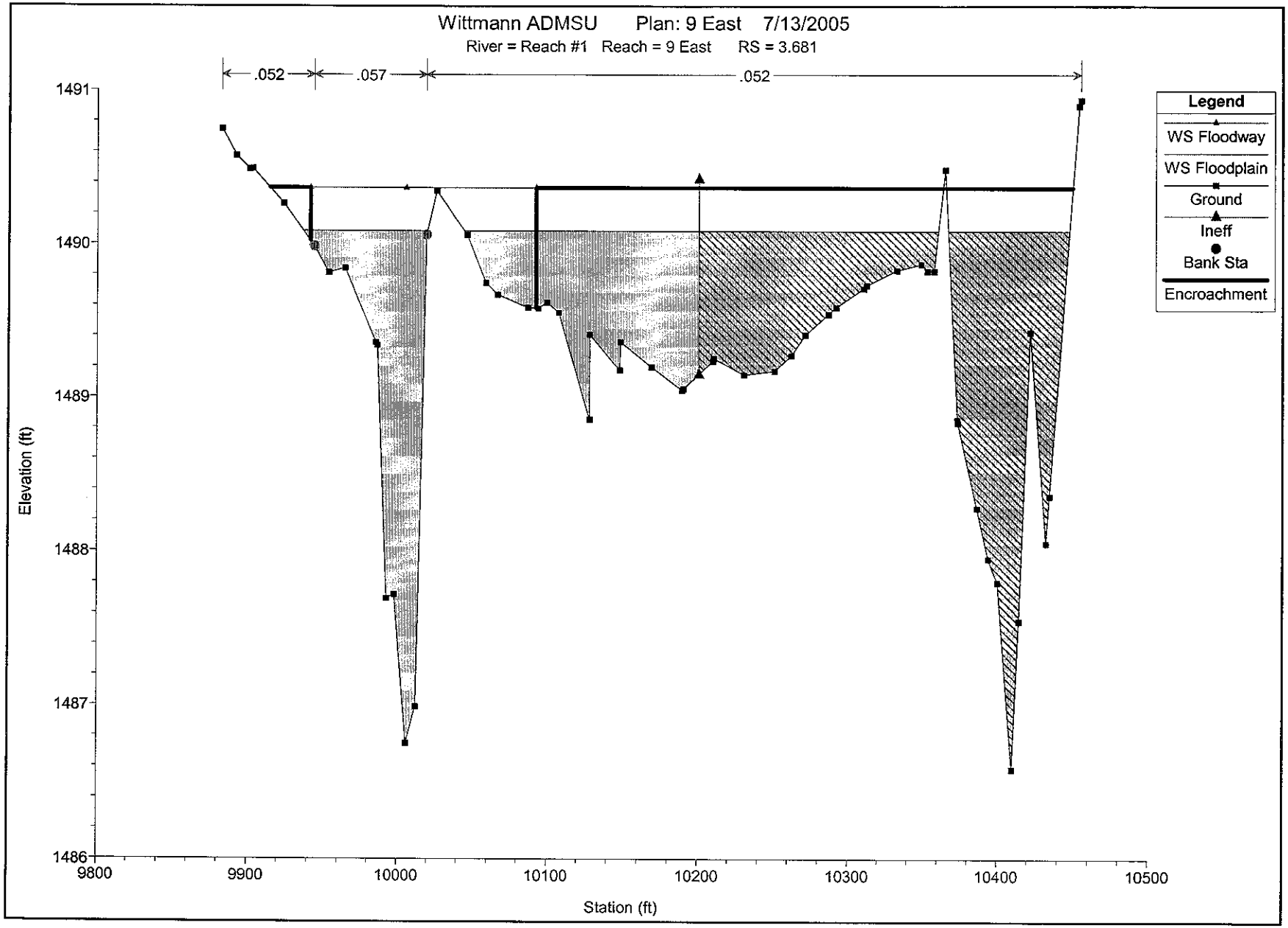

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 4.052
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1510
1509
1508
1507
1506
1505
1504
9940
9960
9980
10000
10020
10040
10060
10080
10100
10120
10140
Station (ft)

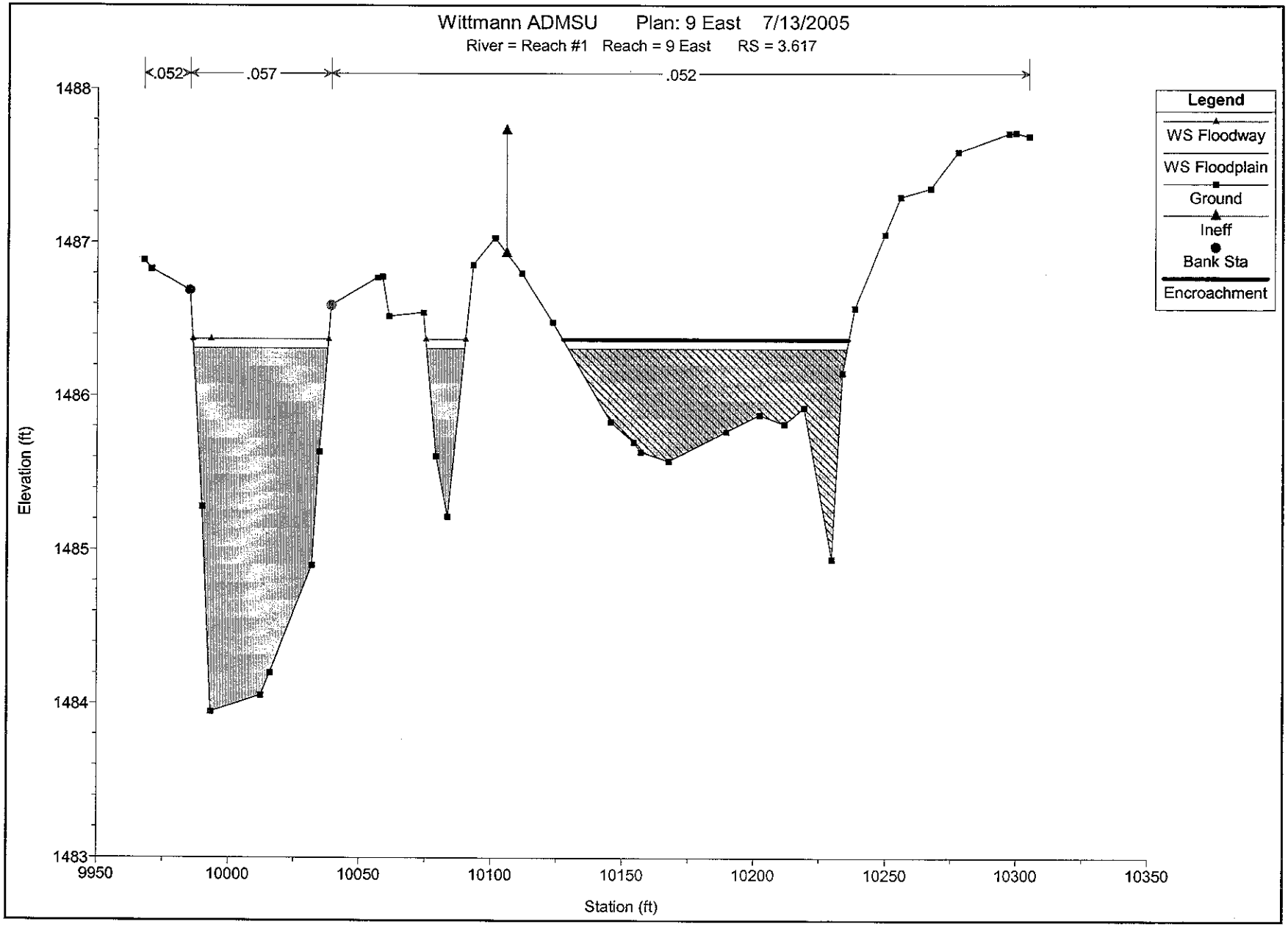

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.998
.052
.057
.052
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1508
1507
1506
1505
1504
1503
1502
1501
9900
9950
10000
10050
10100
10150
Station (ft)

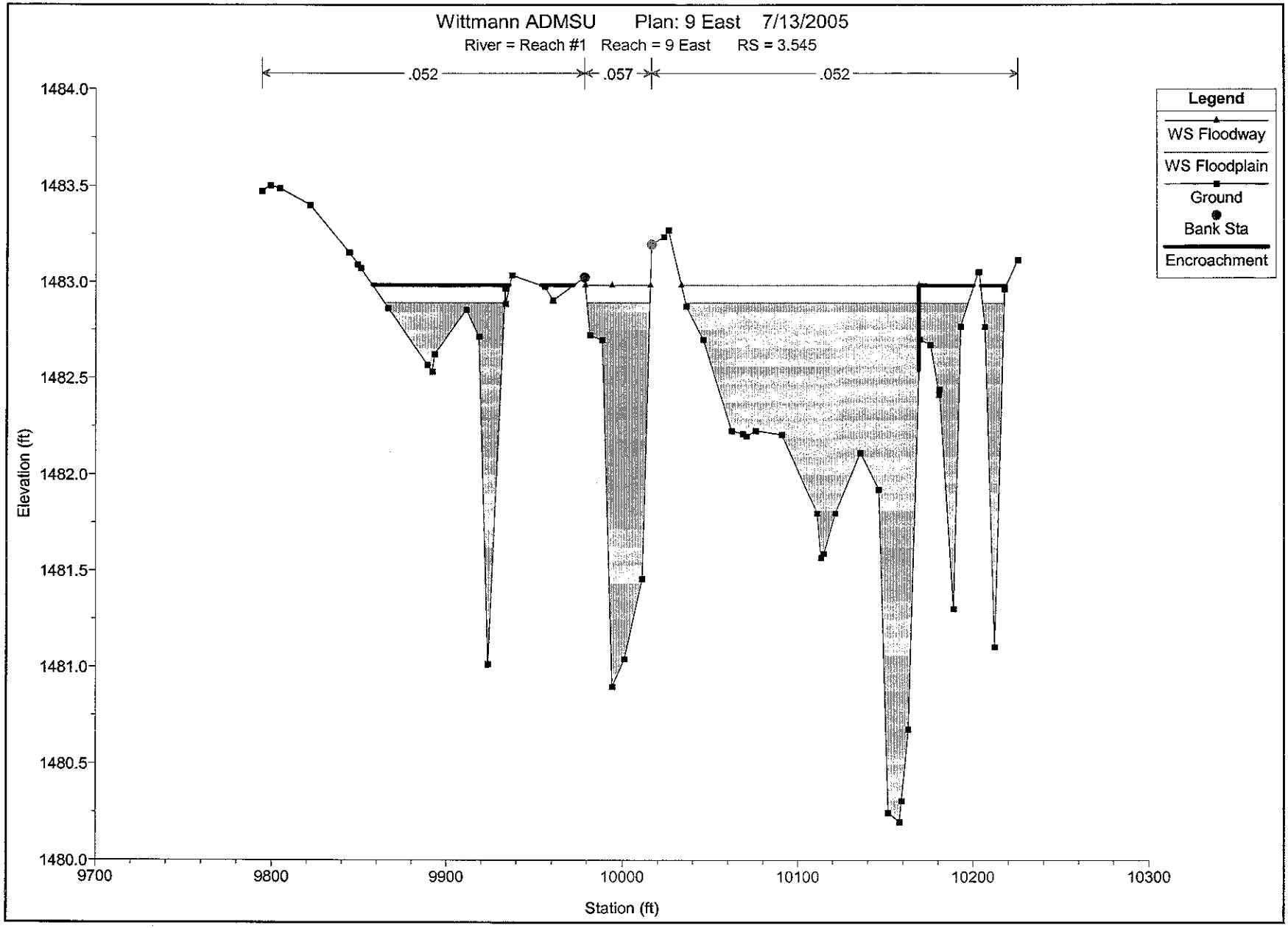

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.927
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1504
1503
1502
1501
1500
1499
1498
9850
9900
9950
10000
10050
10100
Station (ft)

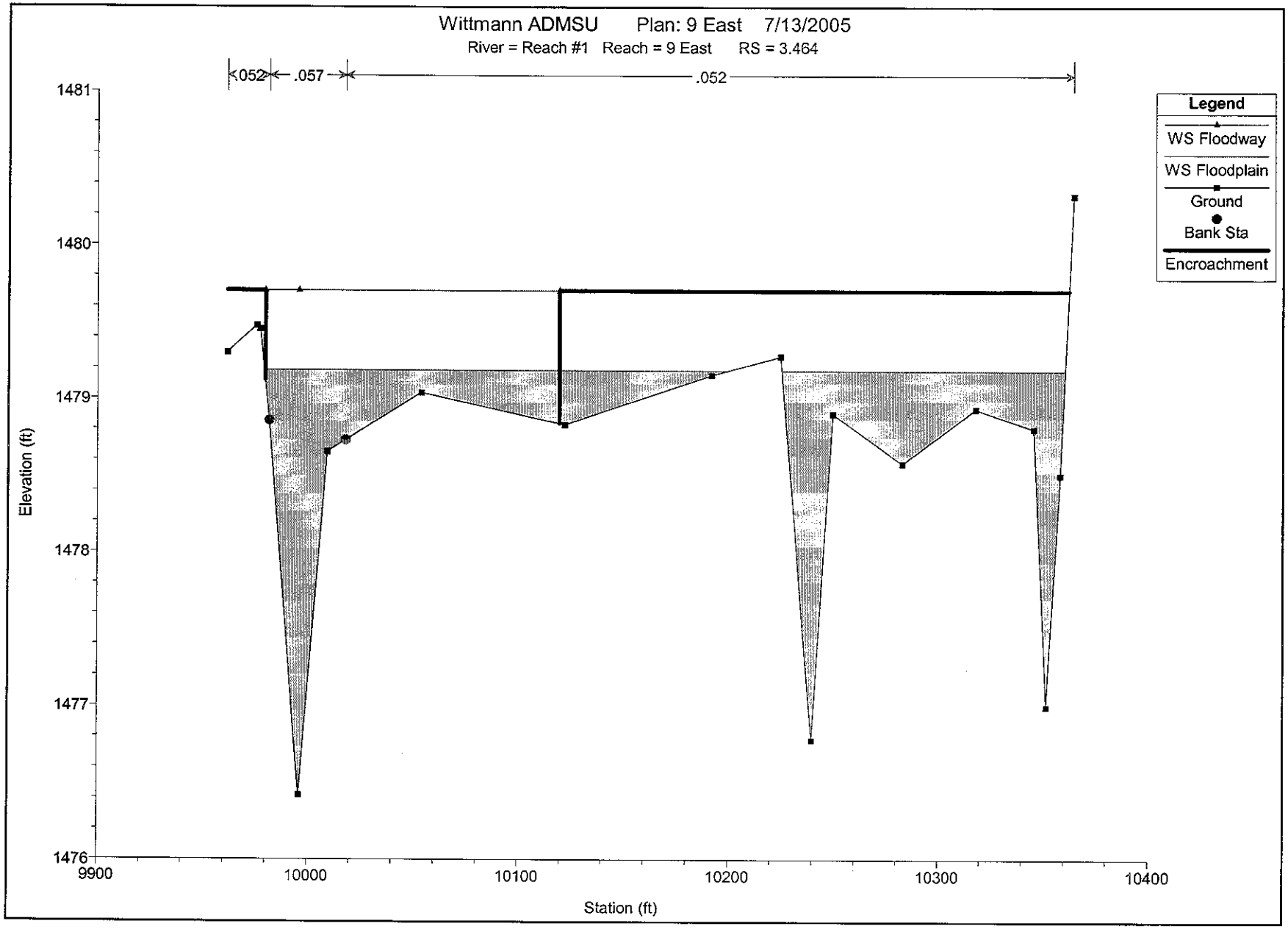

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.837
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1501
1500
1499
1498
1497
1496
1495
1494
9960
9980
10000
10020
10040
10060
Station (ft)

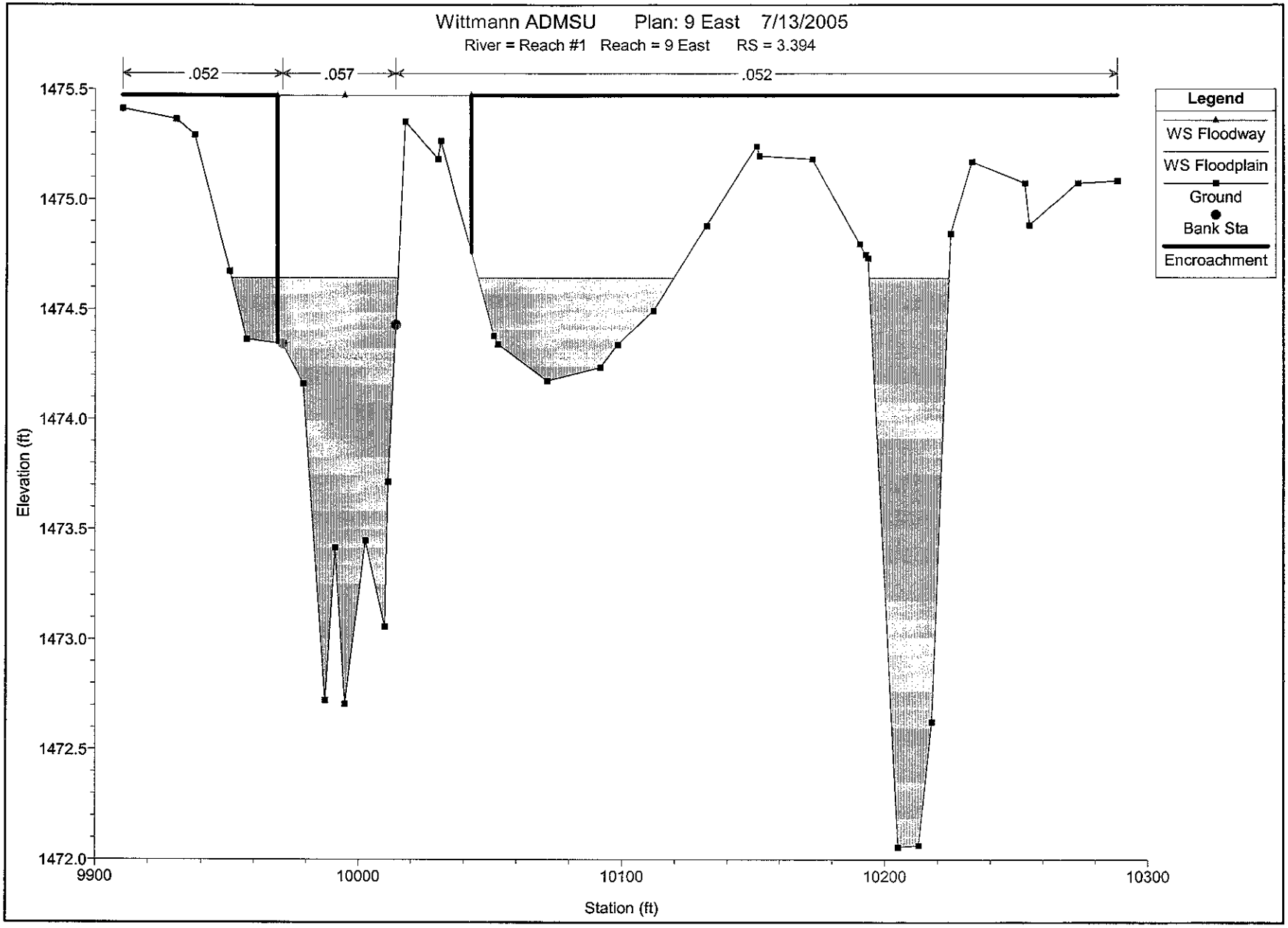

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.76
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1495
1494
1493
1492
1491
1490
9960
9980
10000
10020
10040
10060
10080
10100
10120
10140
Station (ft)

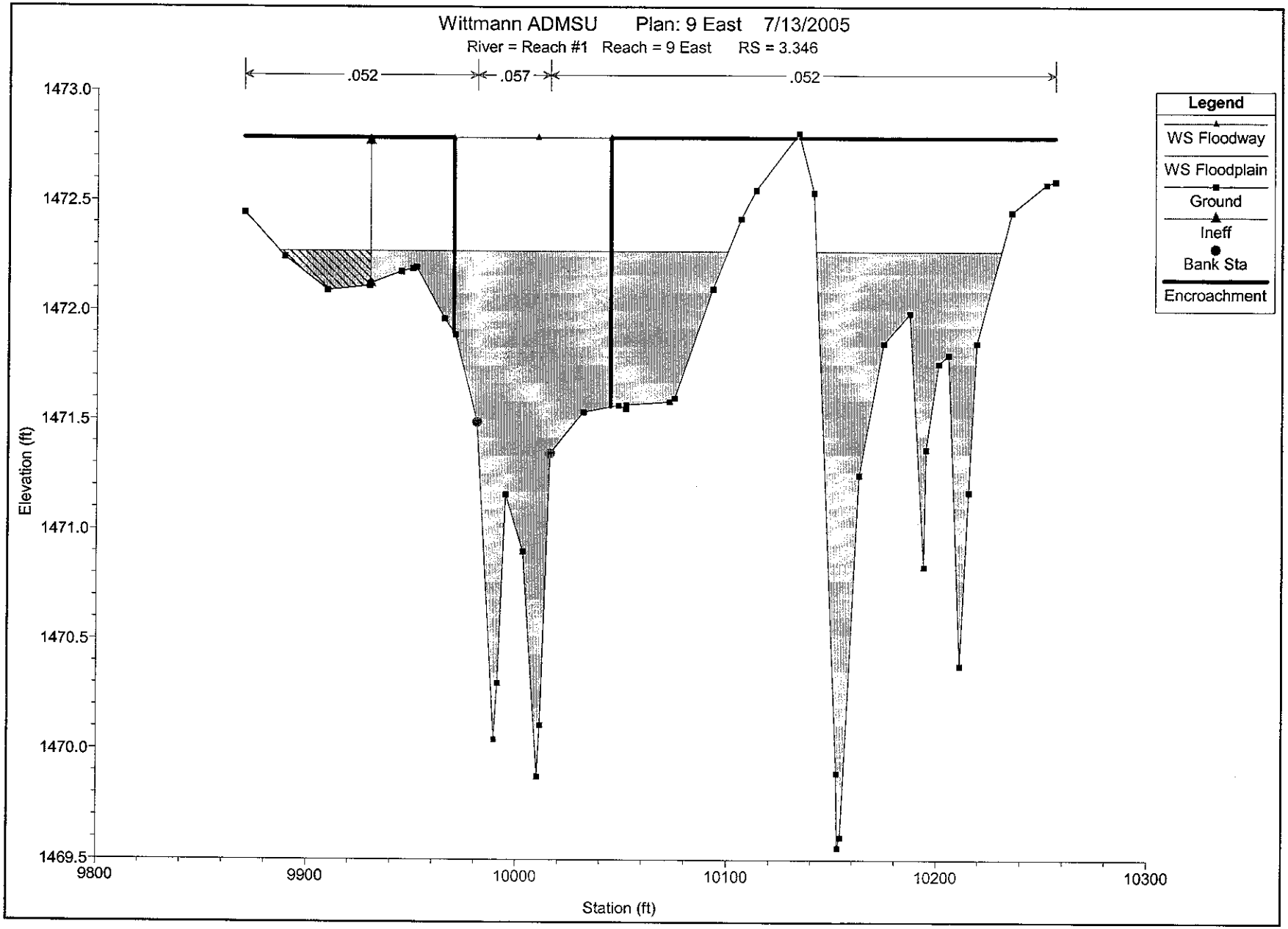

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.681
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1491
1490
1489
1488
1487
1486
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

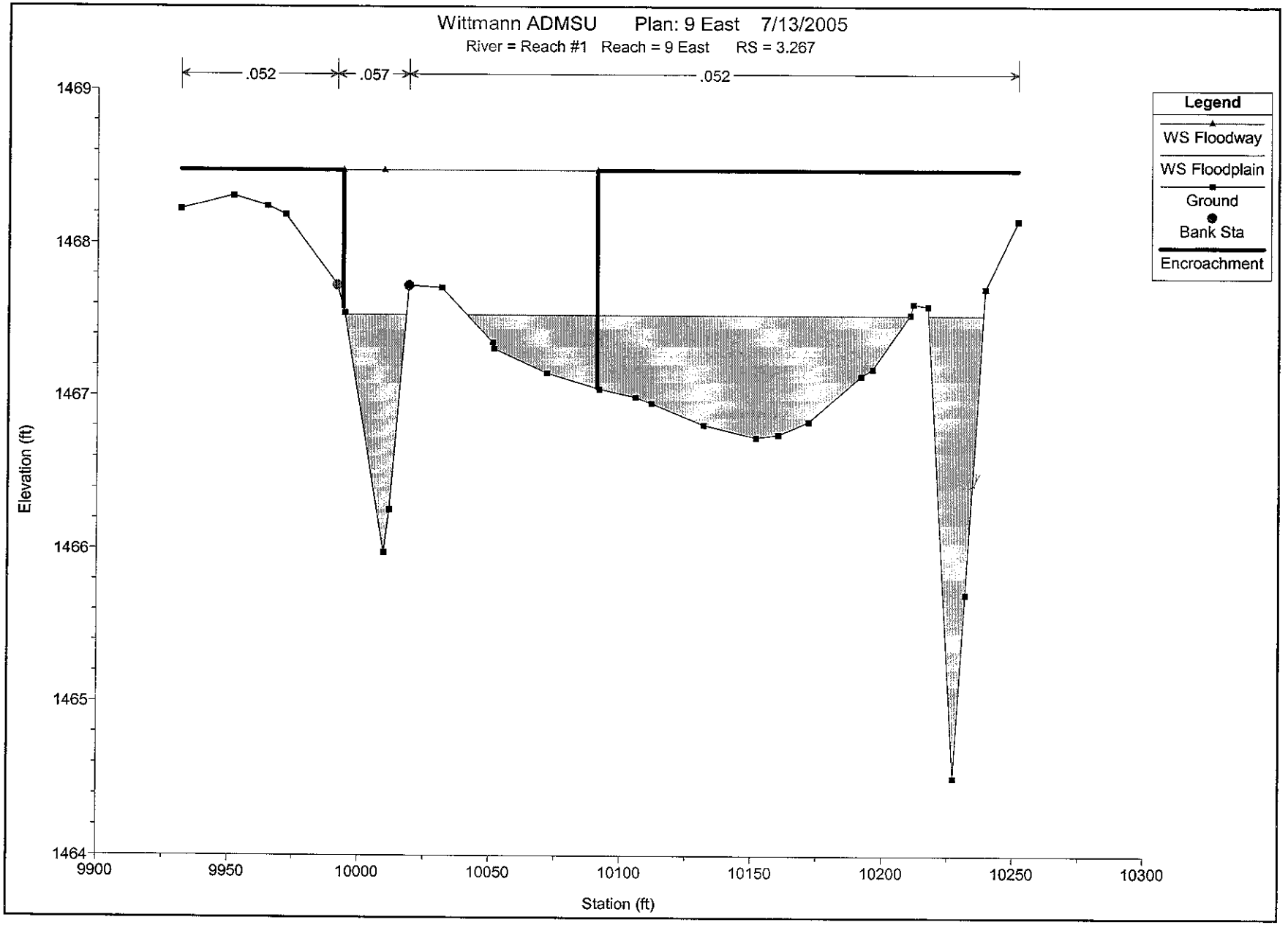

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.617
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1488
1487
1486
1485
1484
1483
9950
10000
10050
10100
10150
10200
10250
10300
10350
Station (ft)

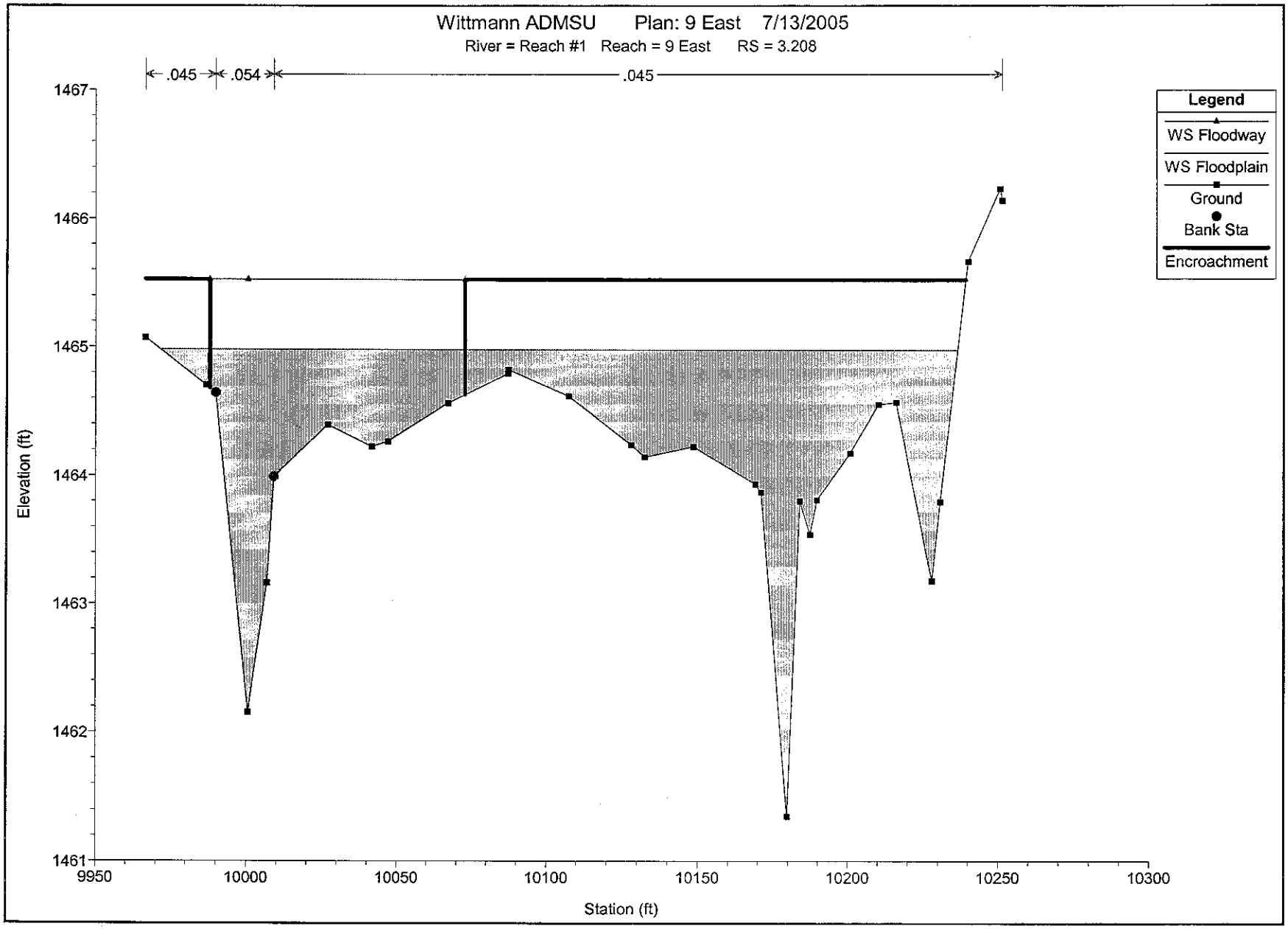

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.545
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1484.0
1483.5
1483.0
1482.5
1482.0
1481.5
1481.0
1480.5
1480.0
9700
9800
9900
10000
10100
10200
10300
Station (ft)

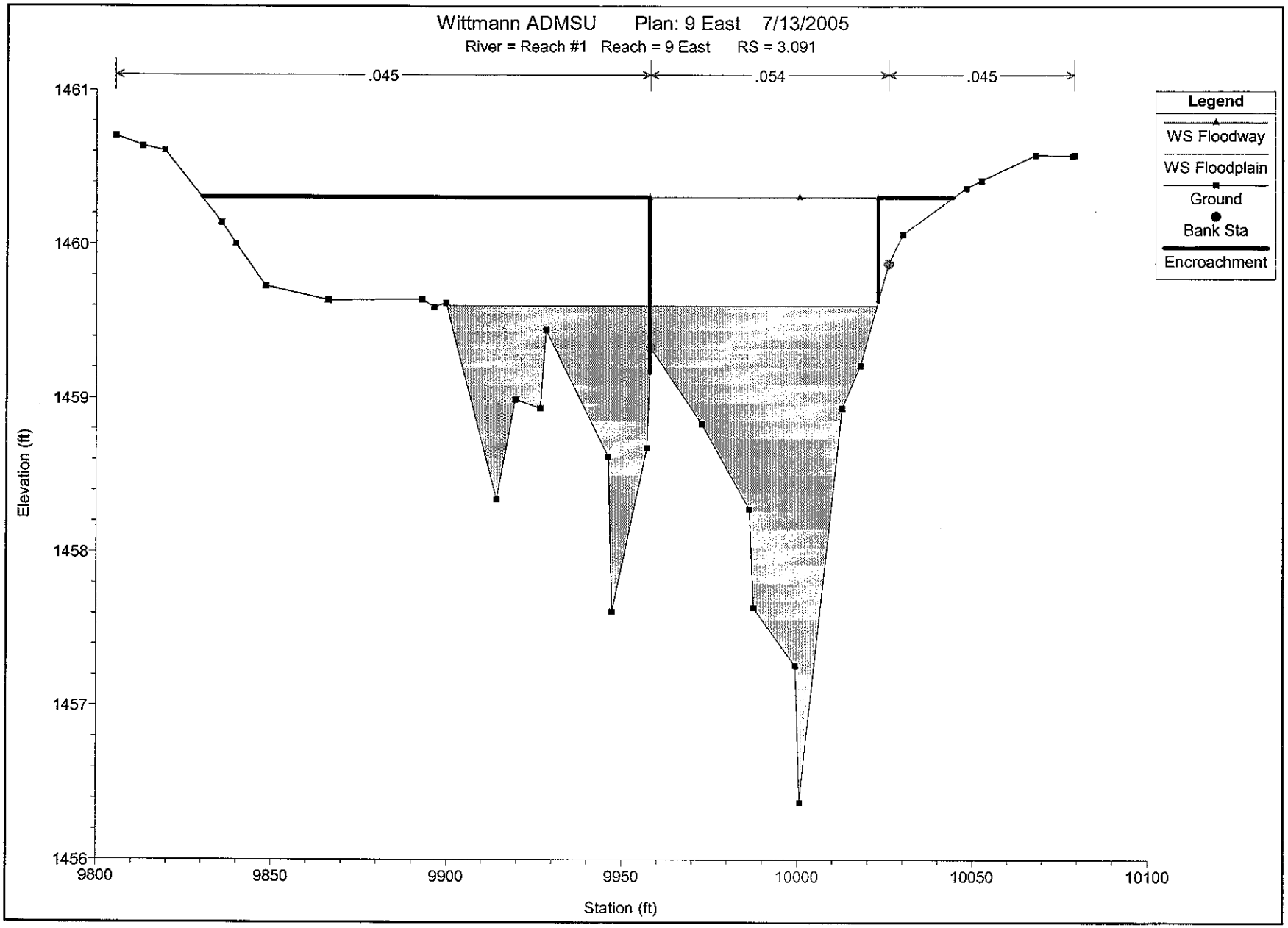

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.464
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1481
1480
1479
1478
1477
1476
9900
10000
10100
10200
10300
10400
Station (ft)

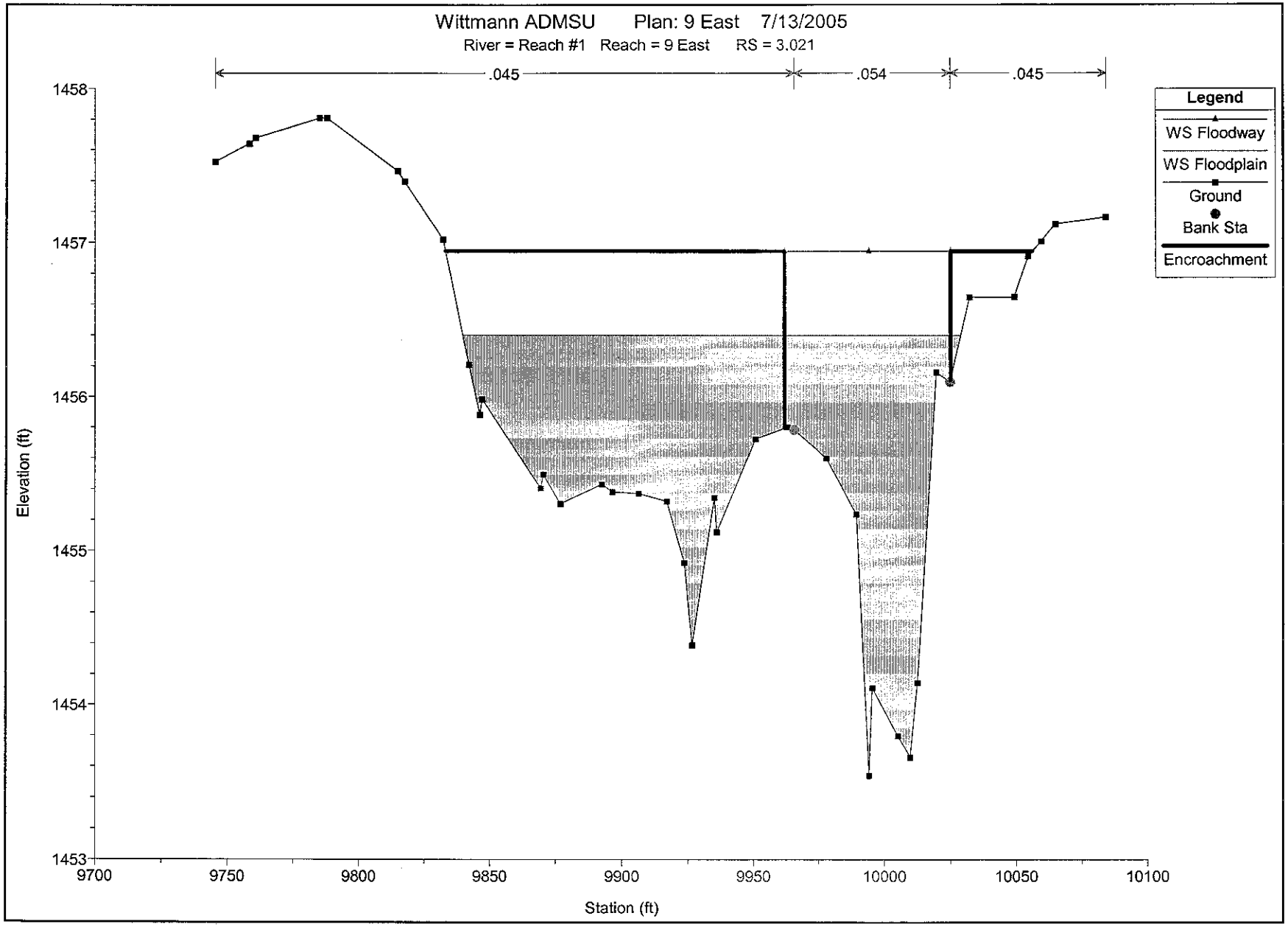

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.394
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1475.5
1475.0
1474.5
1474.0
1473.5
1473.0
1472.5
1472.0
9900
10000
10100
10200
10300
Station (ft)

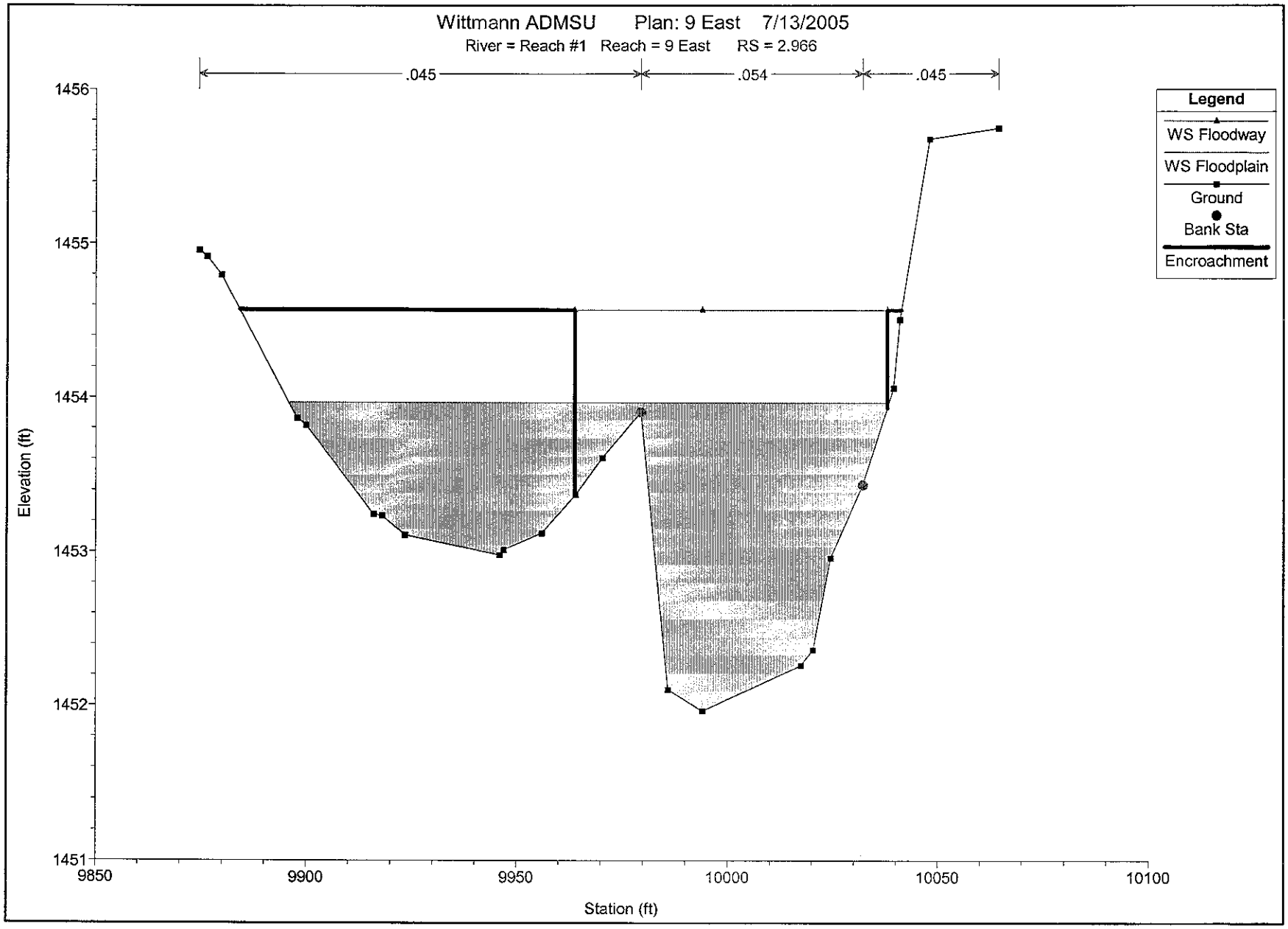

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.346
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1473.0
1472.5
1472.0
1471.5
1471.0
1470.5
1470.0
1469.5
9800
9900
10000
10100
10200
10300
Station (ft)

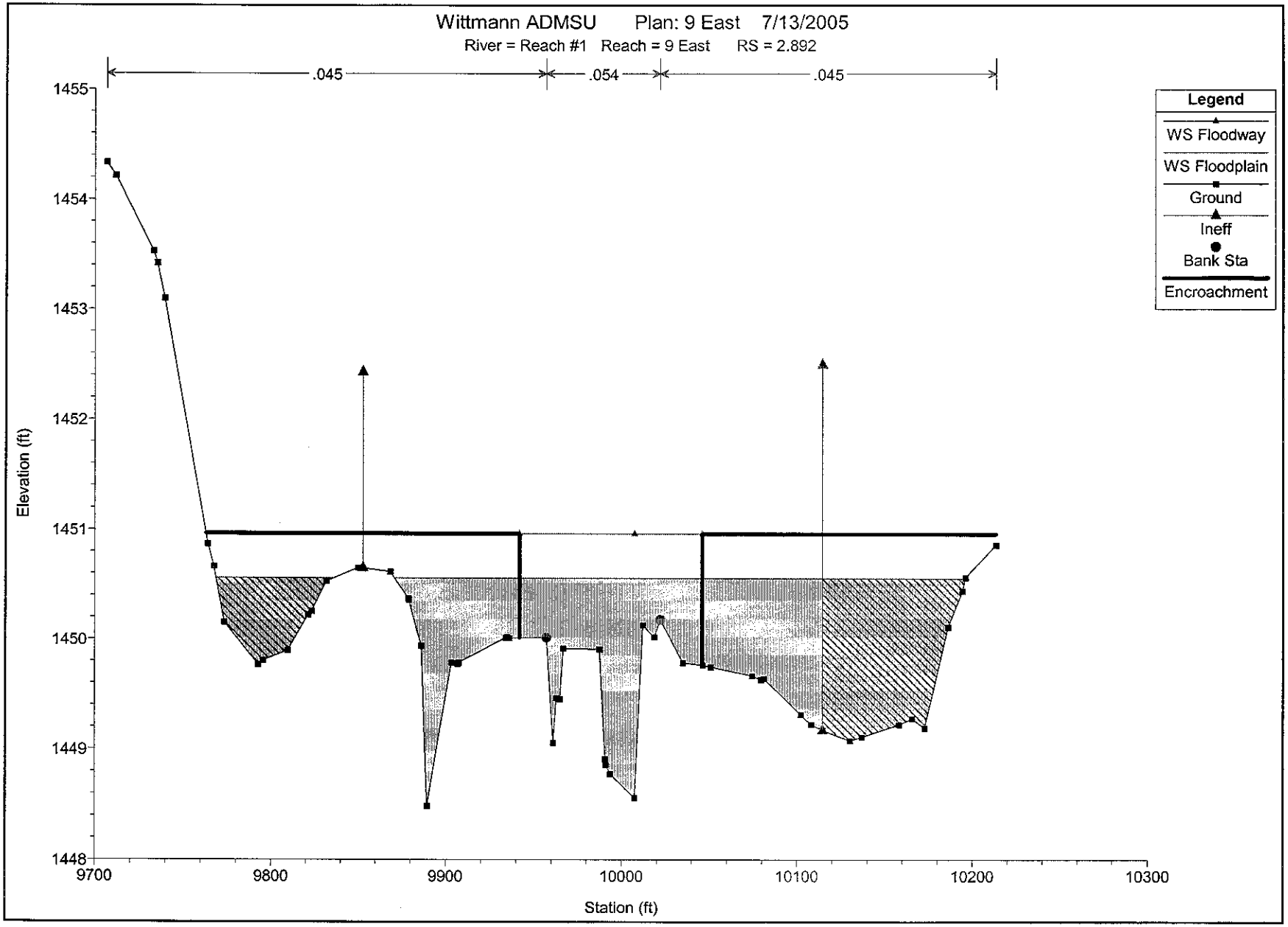

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.267
.052
.057
.052
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1469
1468
1467
1466
1465
1464
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station (ft)

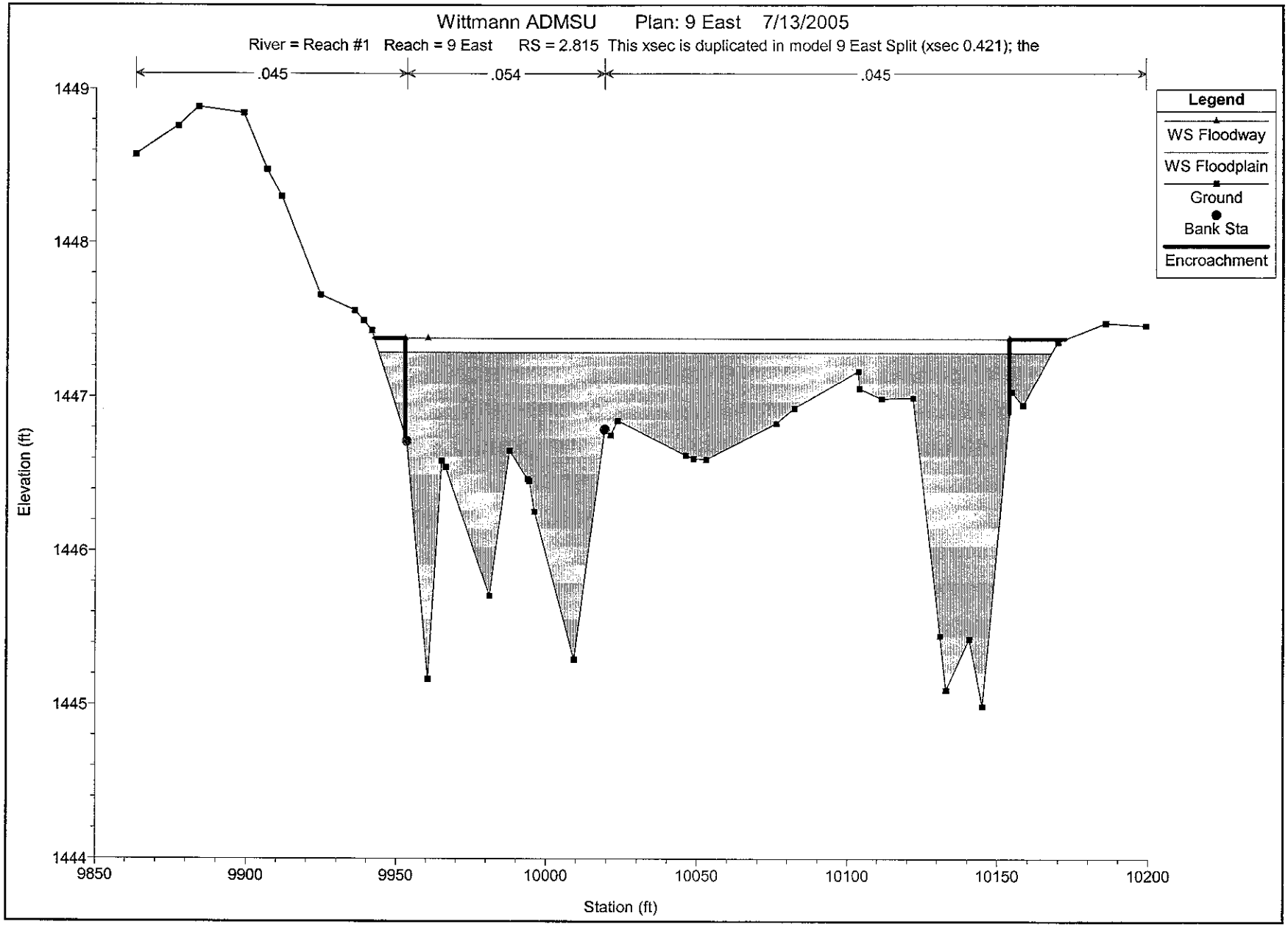

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.208
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1467
1466
1465
1464
1463
1462
1461
9950
10000
10050
10100
10150
10200
10250
10300
Station (ft)

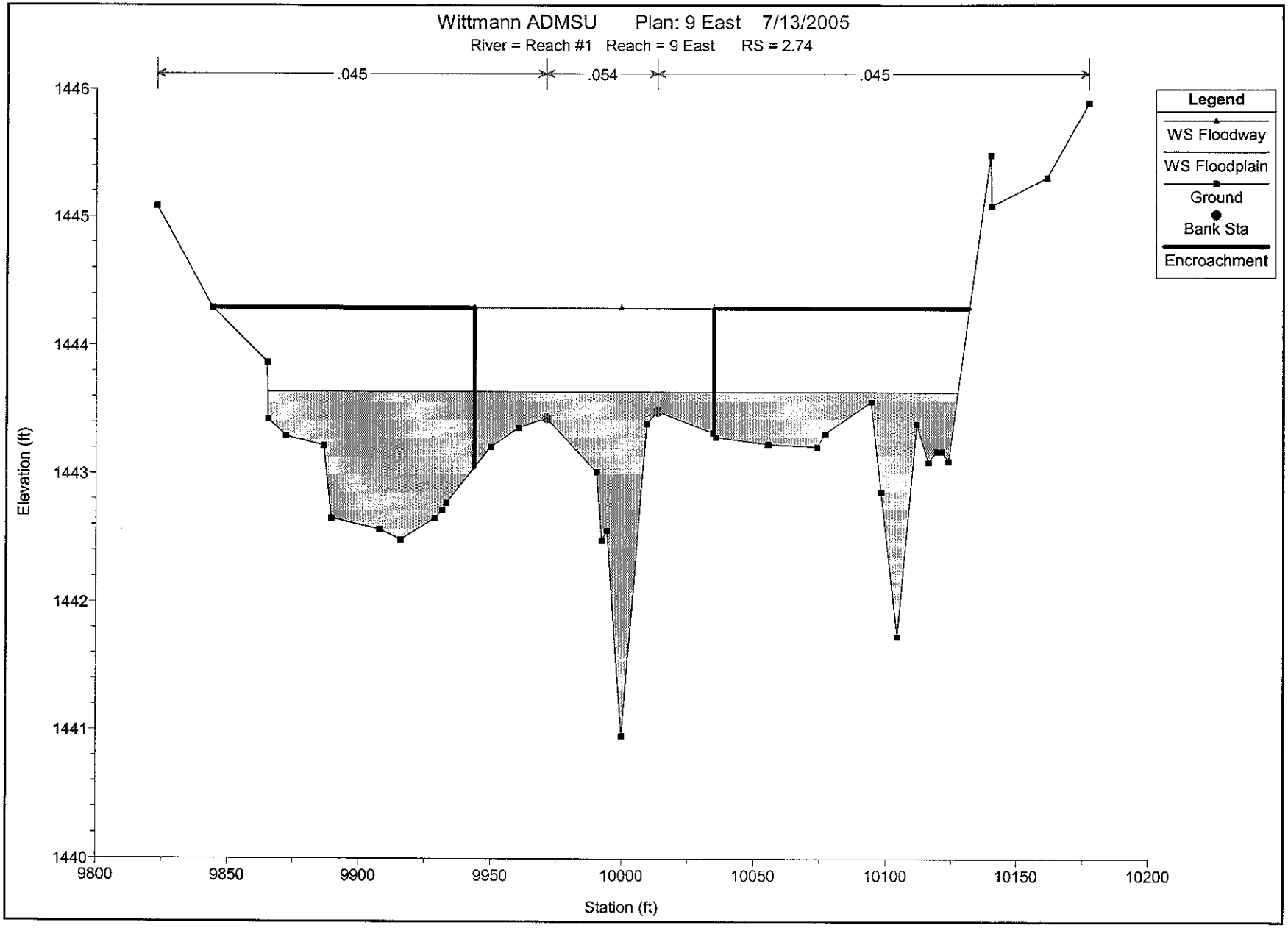

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.091
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1461
1460
1459
1458
1457
1456
9800
9850
9900
9950
10000
10050
10100
Station (ft)

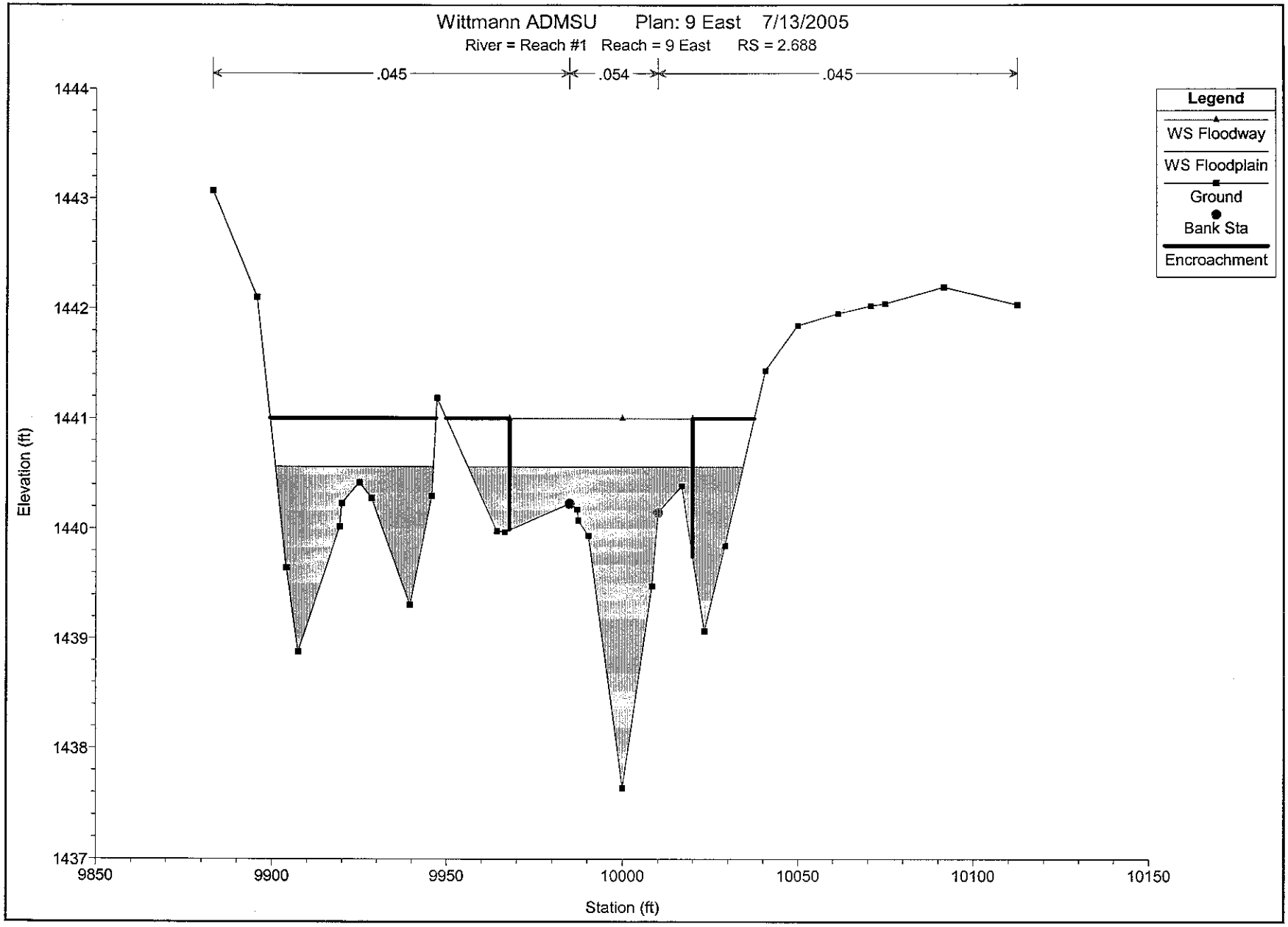

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 3.021
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1458
1457
1456
1455
1454
1453
9700
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)

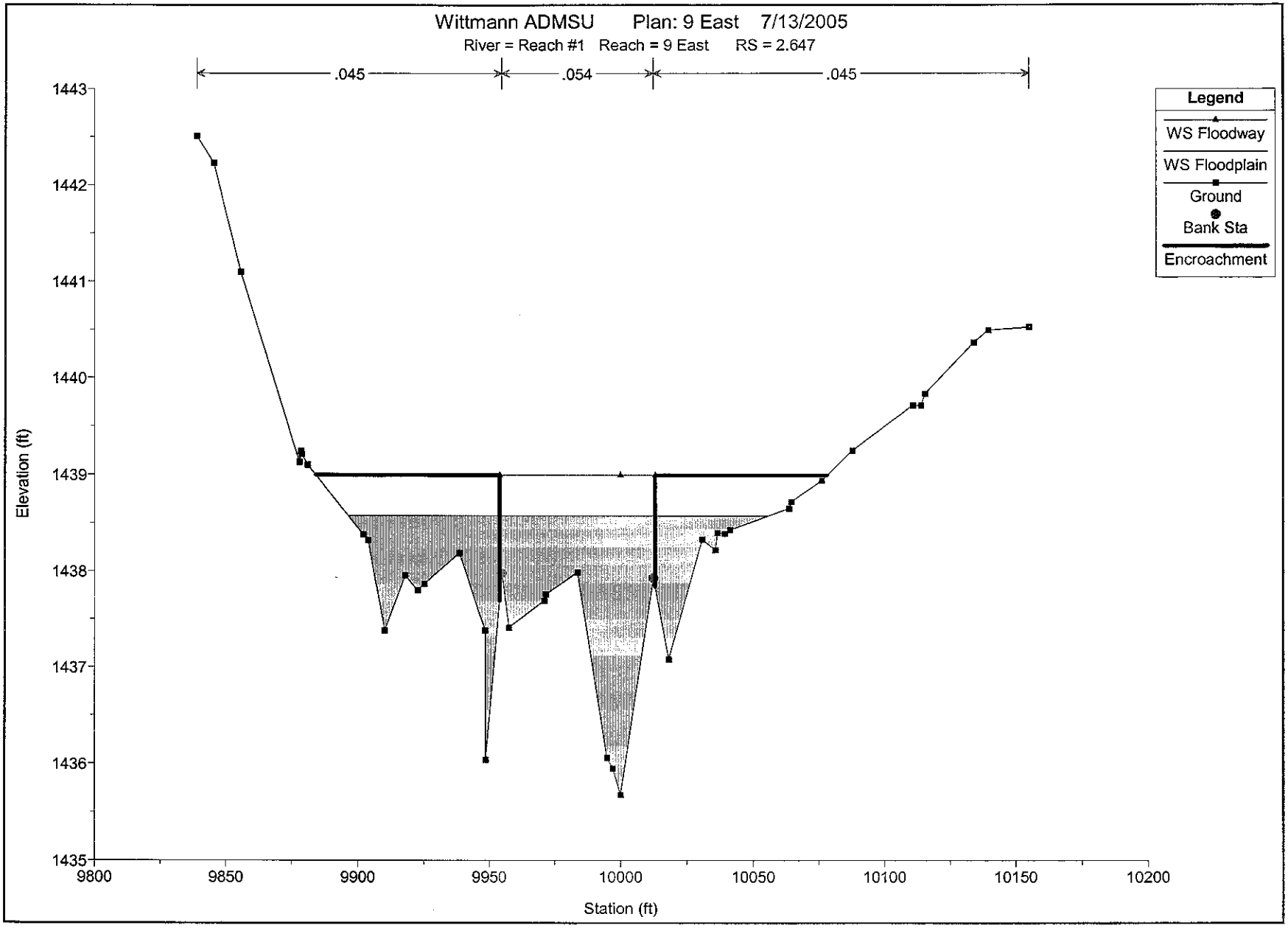

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.966
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1456
1455
1454
1453
1452
1451
9850
9900
9950
10000
10050
10100
Station (ft)

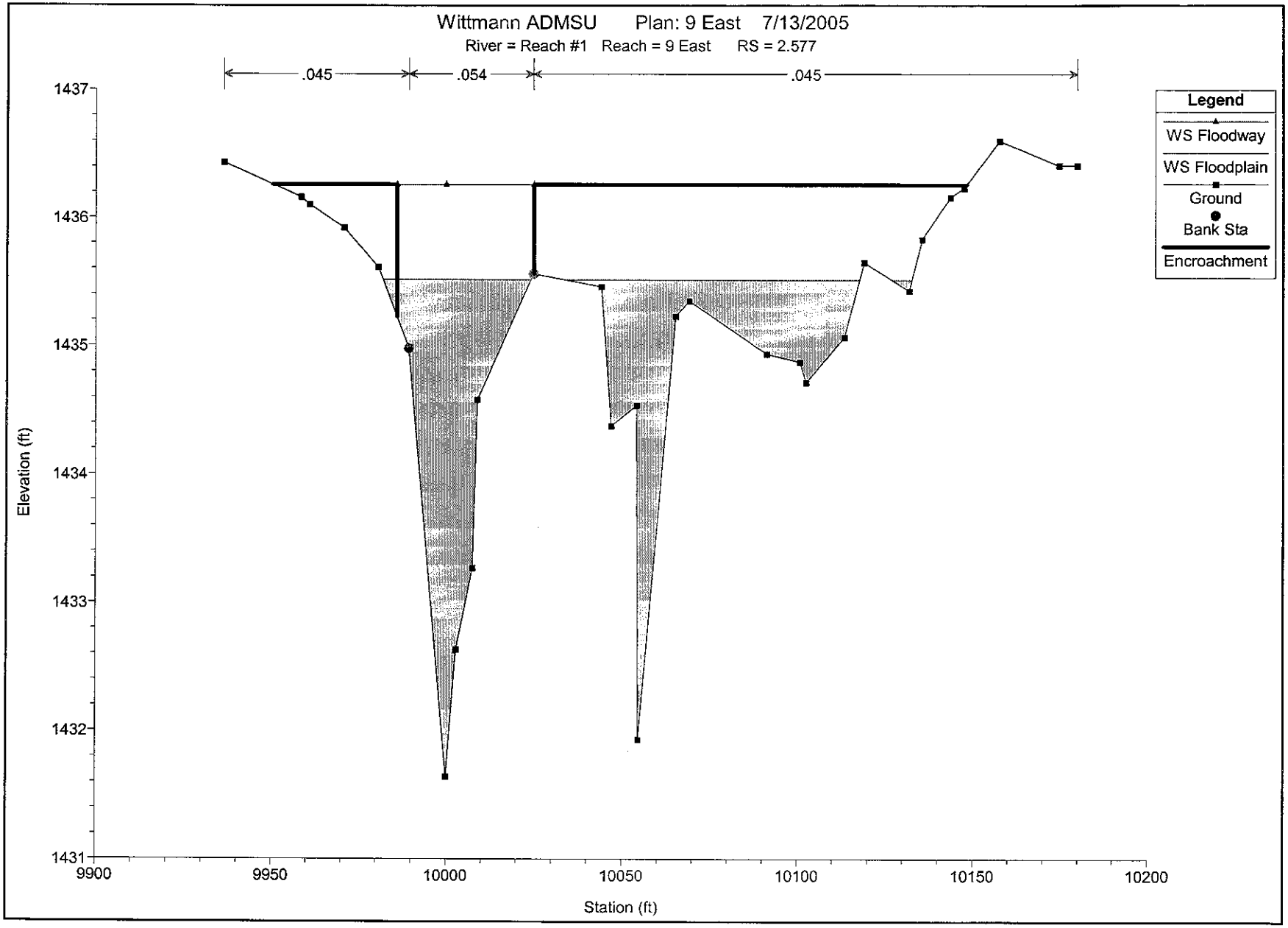

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.892
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1455
1454
1453
1452
1451
1450
1449
1448
9700
9800
9900
10000
10100
10200
10300
Station (ft)

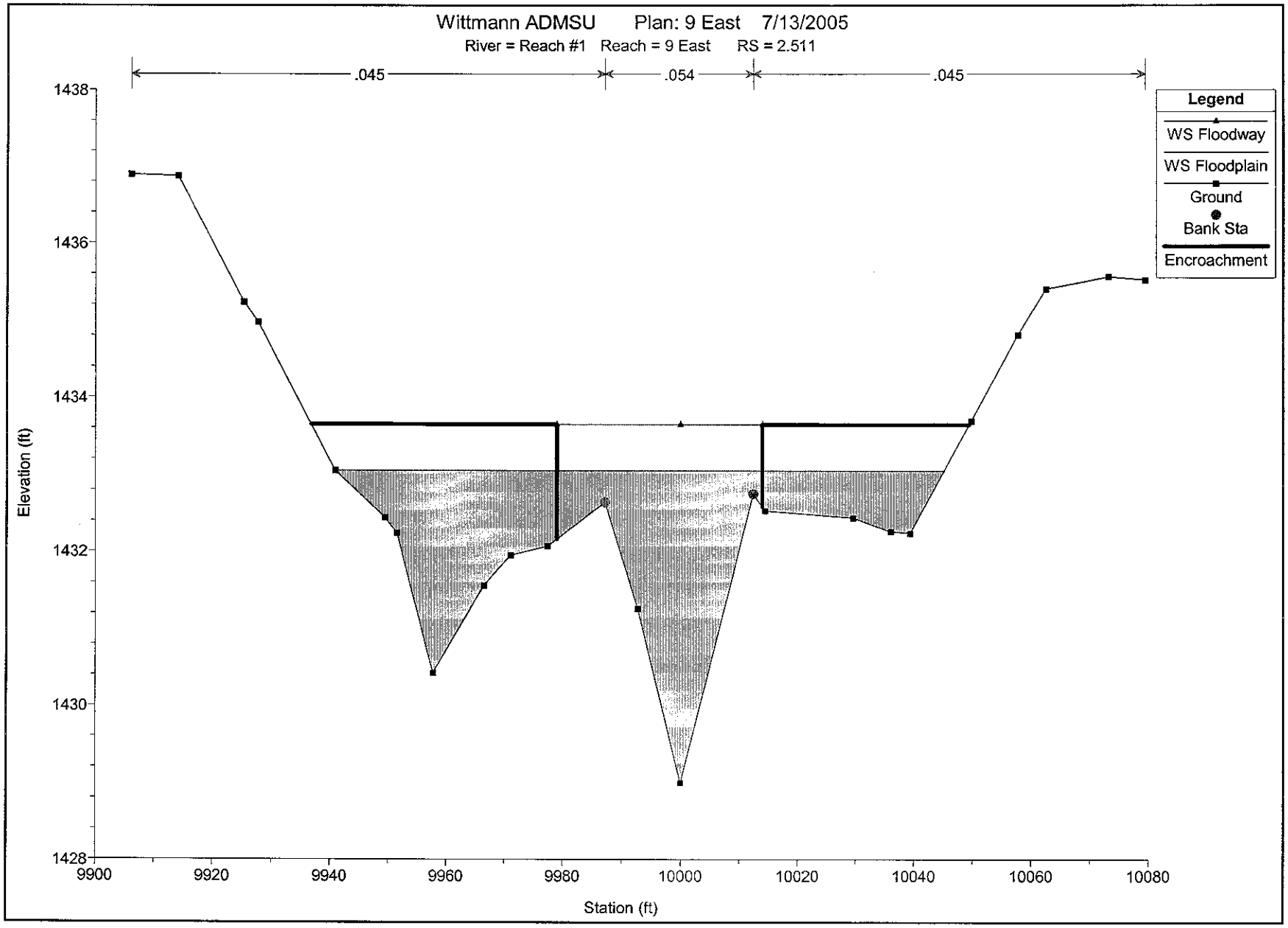

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.815 This xsec is duplicated in model 9 East Split (xsec 0.421); the
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1449
1448
1447
1446
1445
1444
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

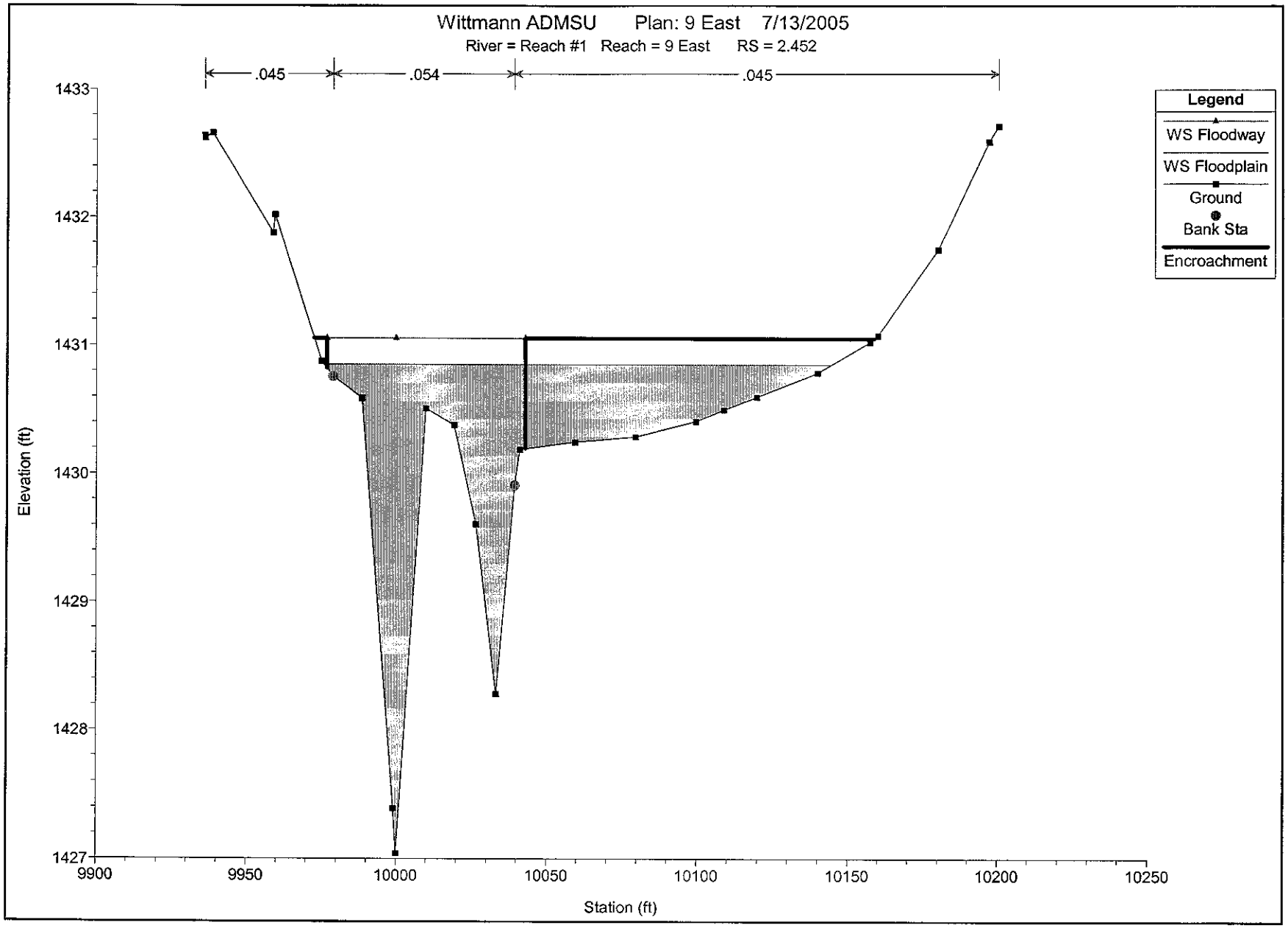

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.74
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1446
1445
1444
1443
1442
1441
1440
9800
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

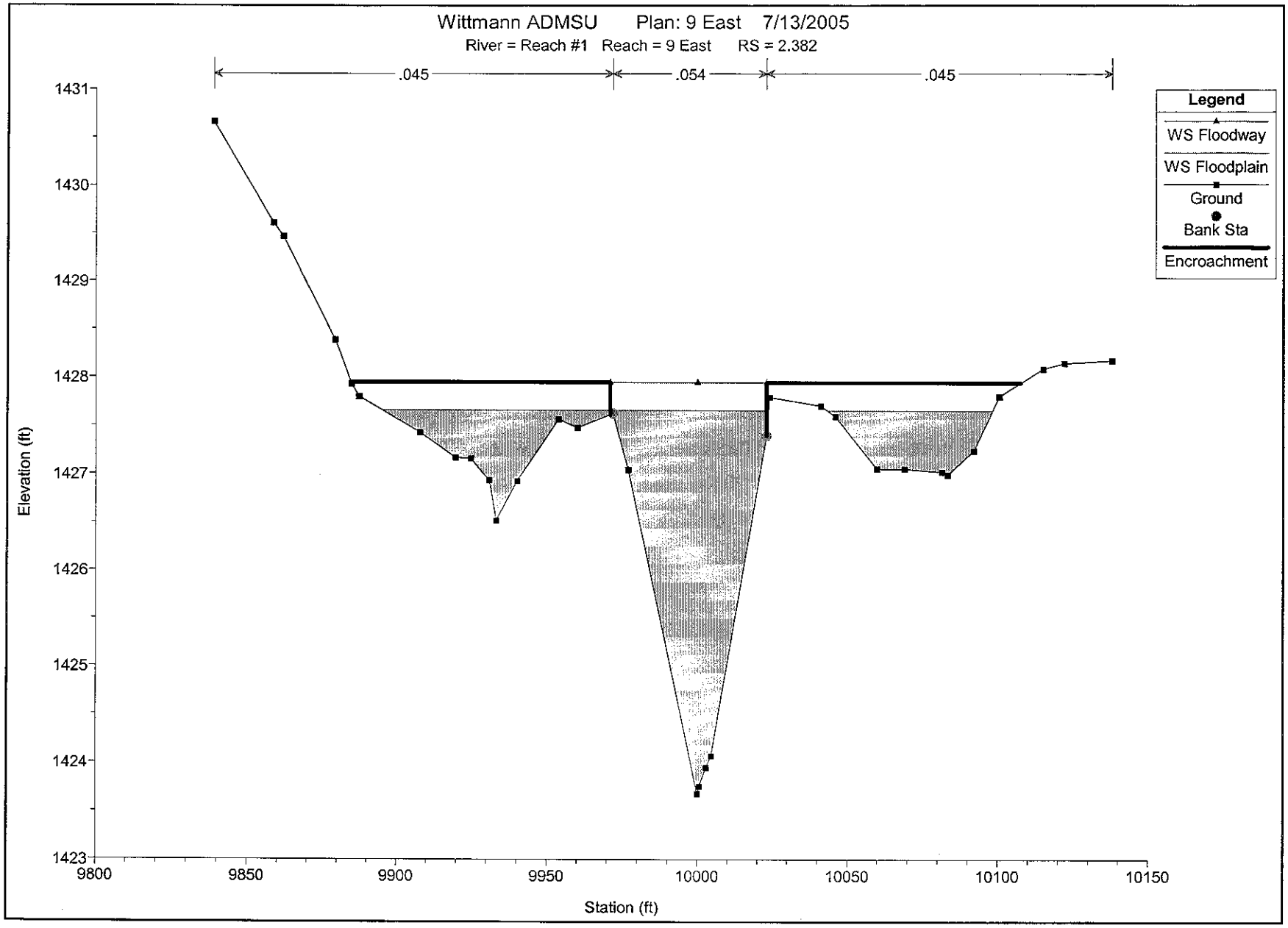

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.688
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1444
1443
1442
1441
1440
1439
1438
1437
9850
9900
9950
10000
10050
10100
10150
Station (ft)

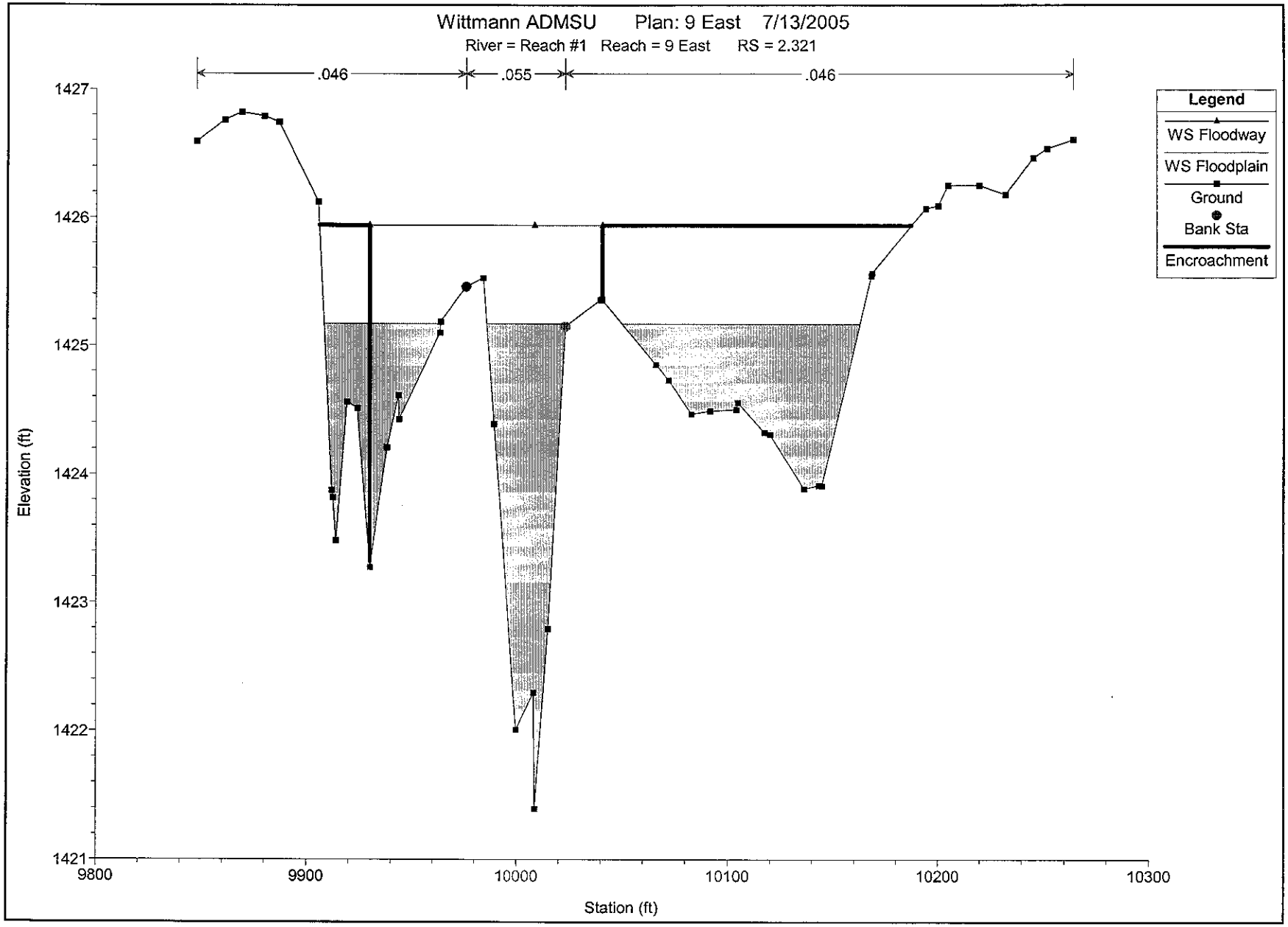

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.647
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1443
1442
1441
1440
1439
1438
1437
1436
1435
9800
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

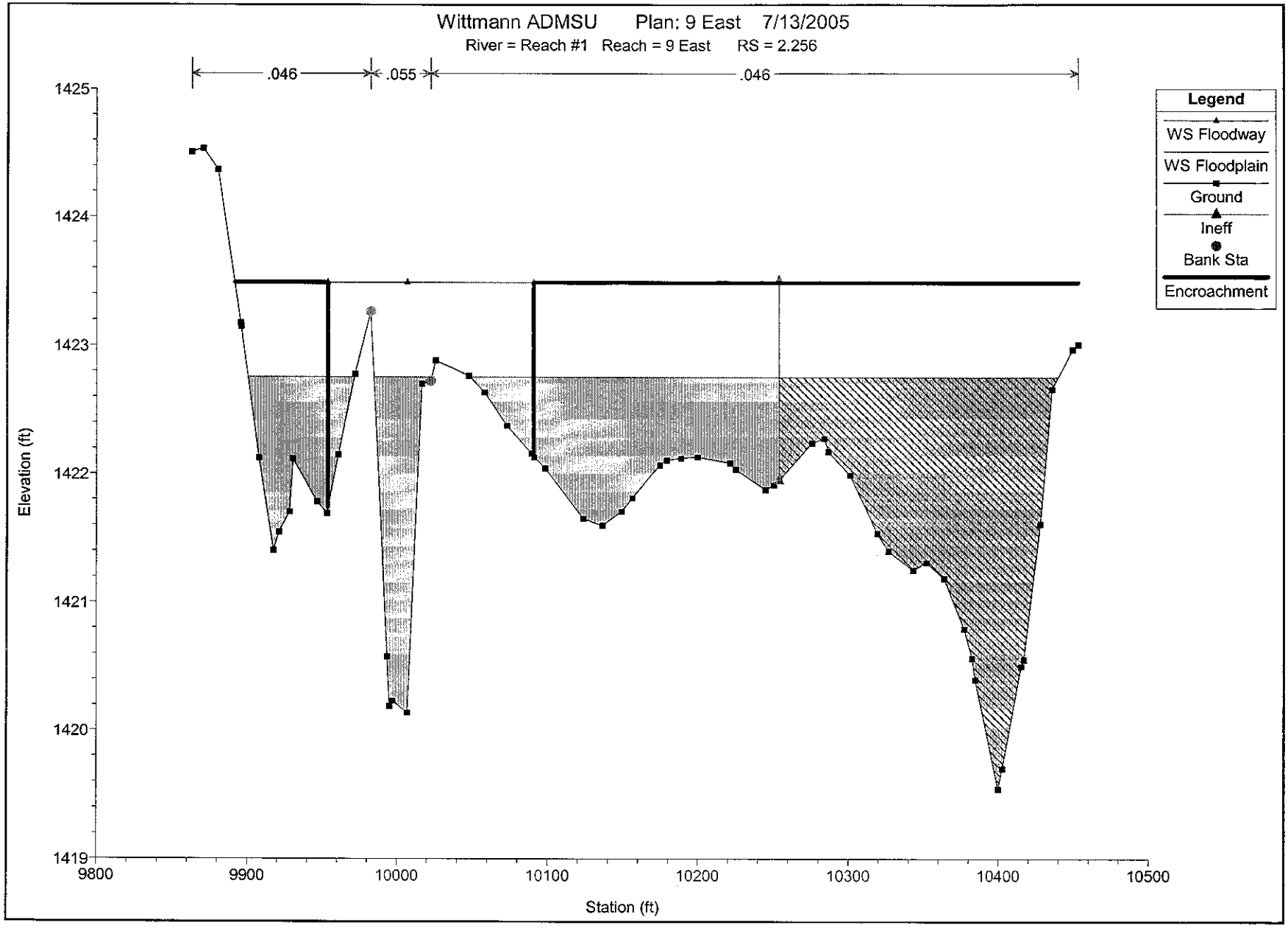

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.577
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1437
1436
1435
1434
1433
1432
1431
9900
9950
10000
10050
10100
10150
10200
Station (ft)

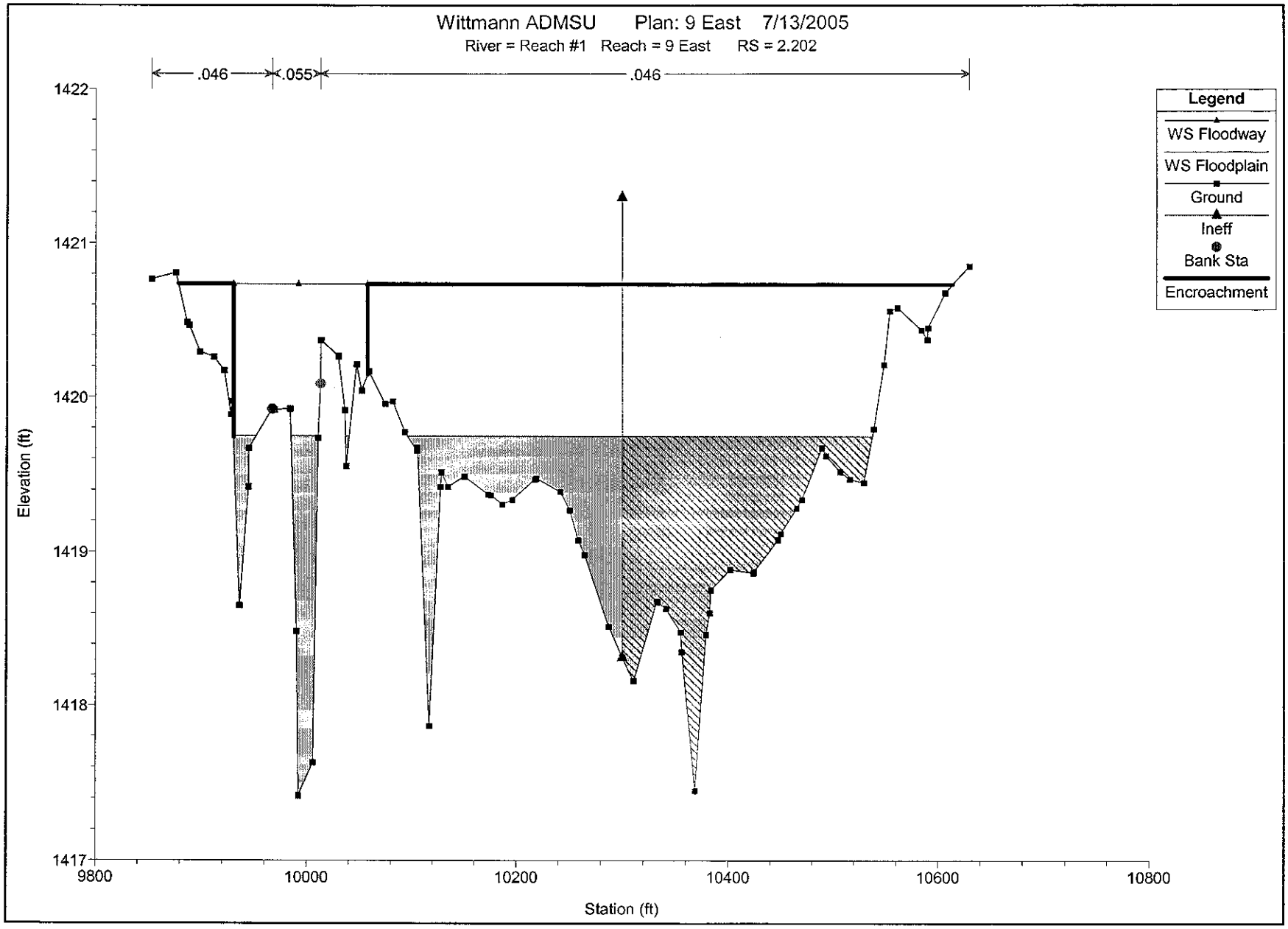

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.511
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1438
1436
1434
1432
1430
1428
9900
9920
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)

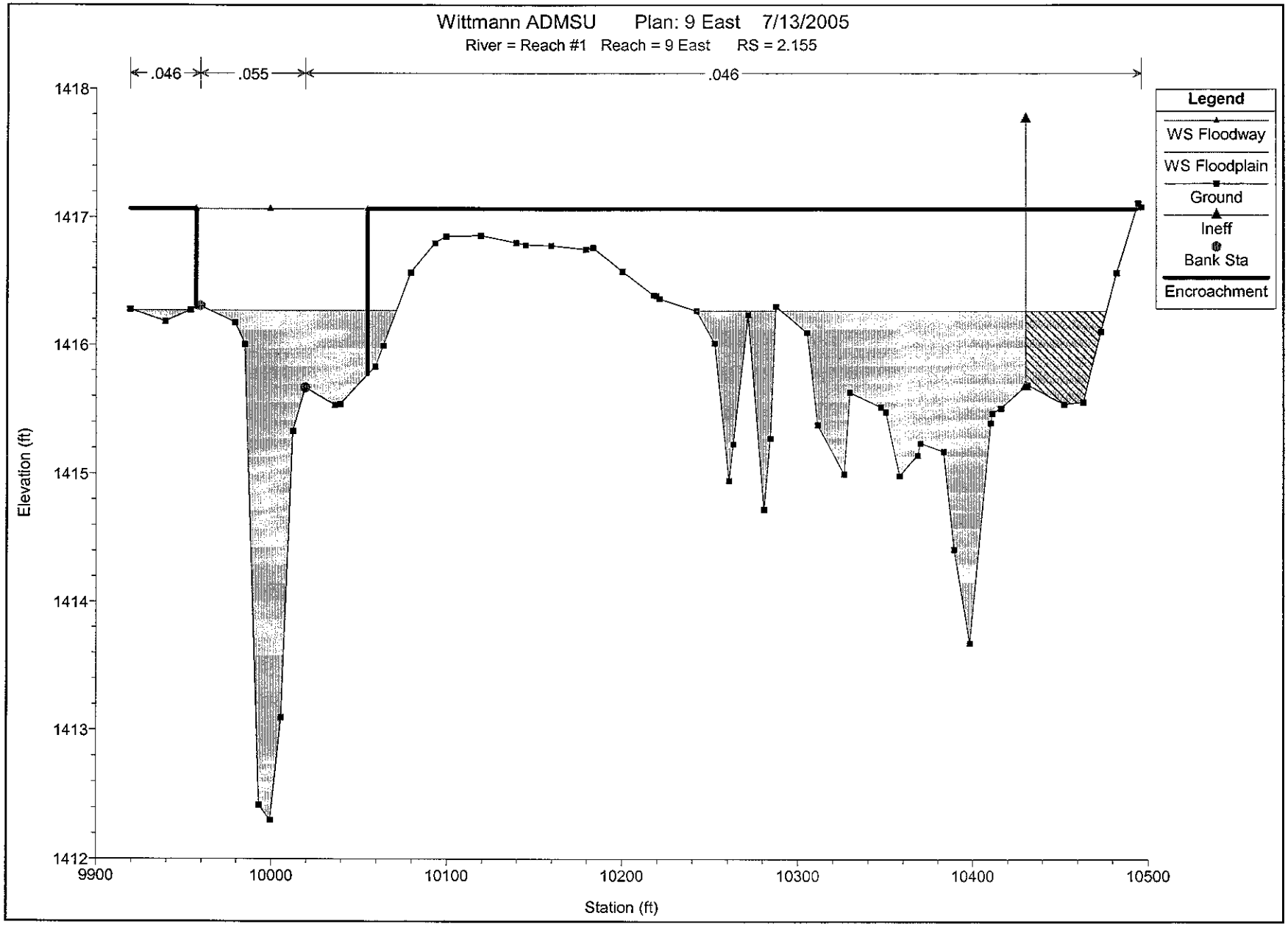

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.452
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1433
1432
1431
1430
1429
1428
1427
9900
9950
10000
10050
10100
10150
10200
10250
Station (ft)

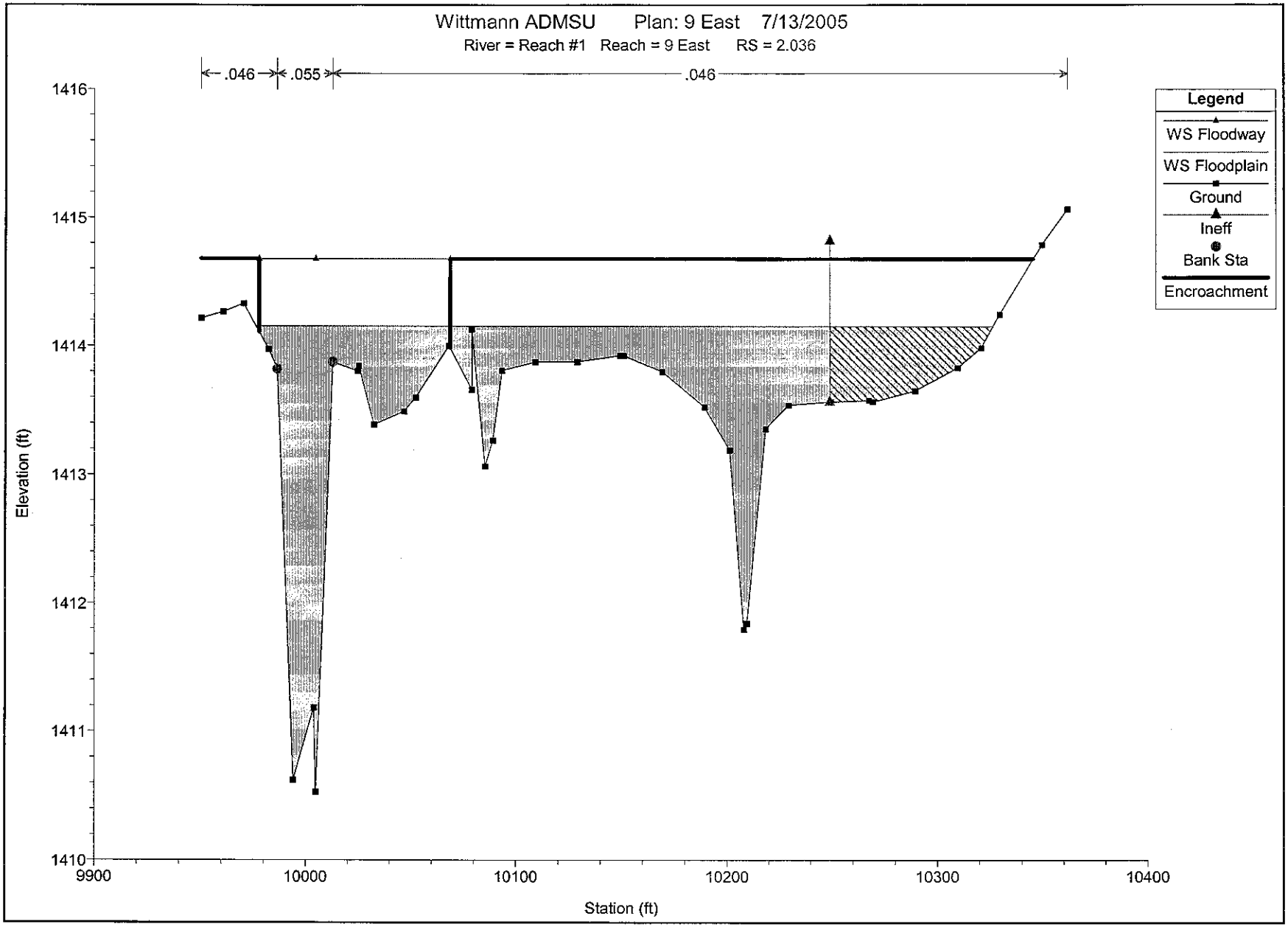

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.382
.045
.054
.045
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1431
1430
1429
1428
1427
1426
1425
1424
1423
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

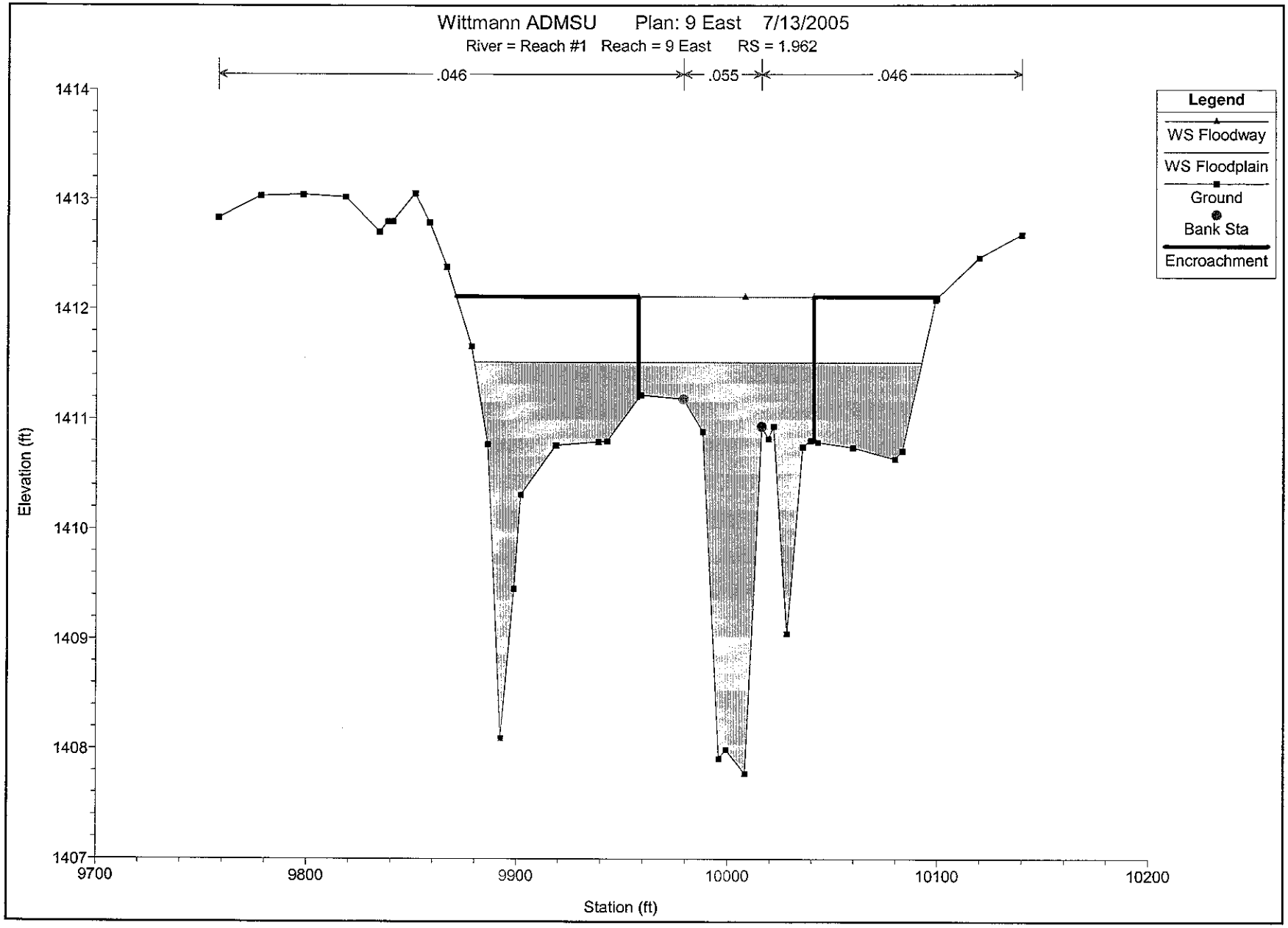

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.321
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1427
1426
1425
1424
1423
1422
1421
9800
9900
10000
10100
10200
10300
Station (ft)

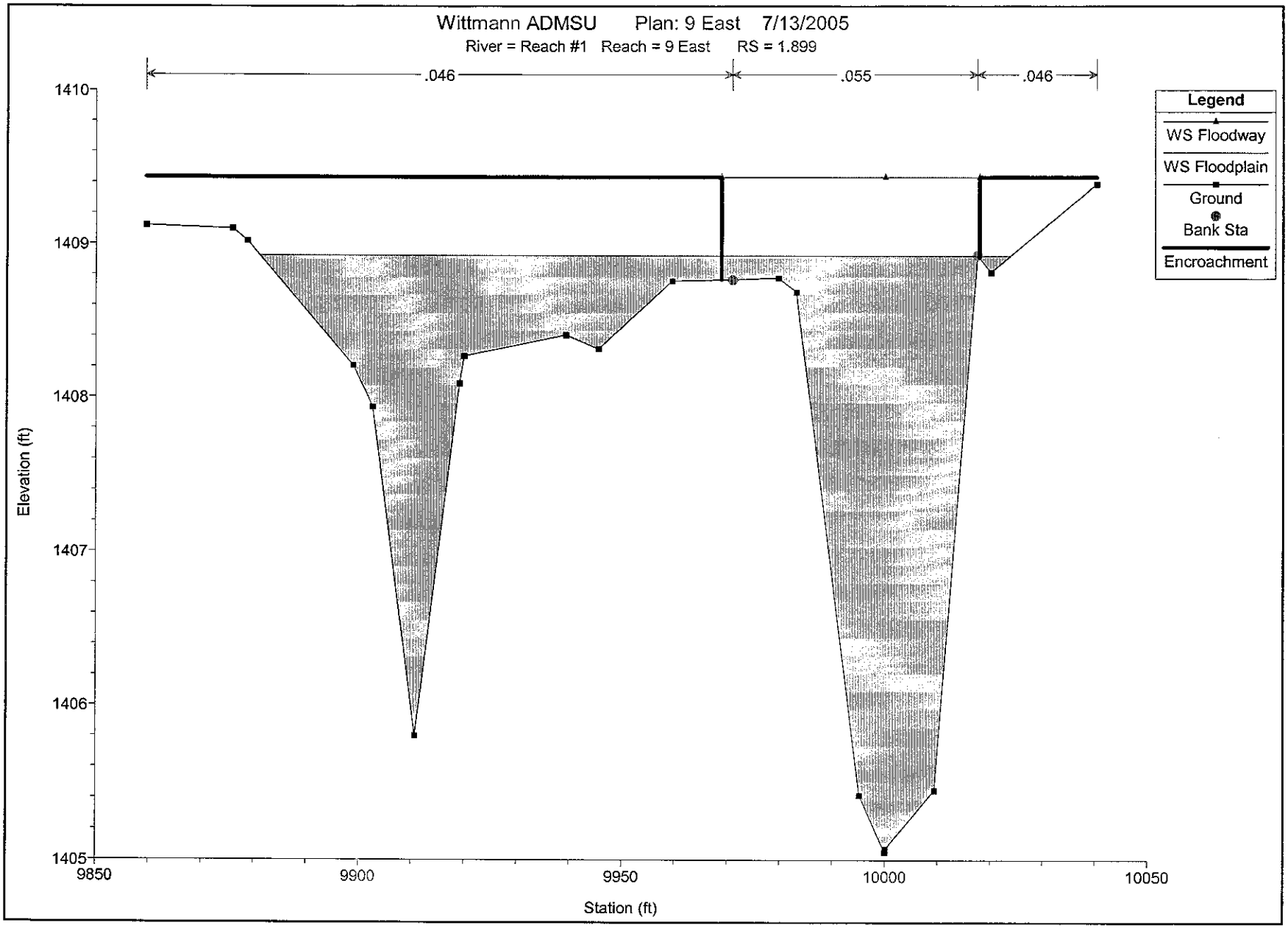

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.256
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1425
1424
1423
1422
1421
1420
1419
9800
9900
10000
10100
10200
10300
10400
10500
Station (ft)

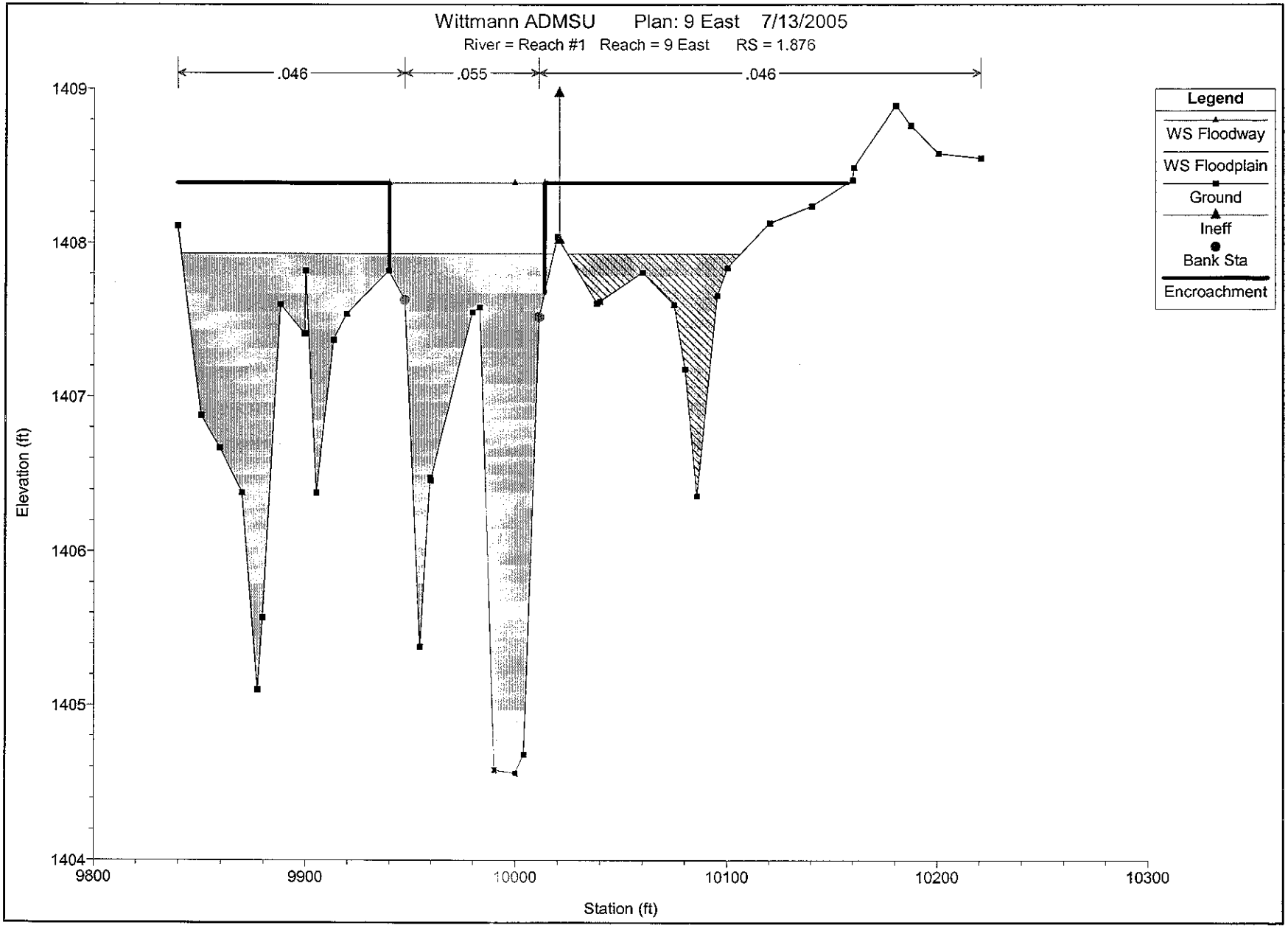

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.202
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1422
1421
1420
1419
1418
1417
9800
10000
10200
10400
10600
10800
Station (ft)

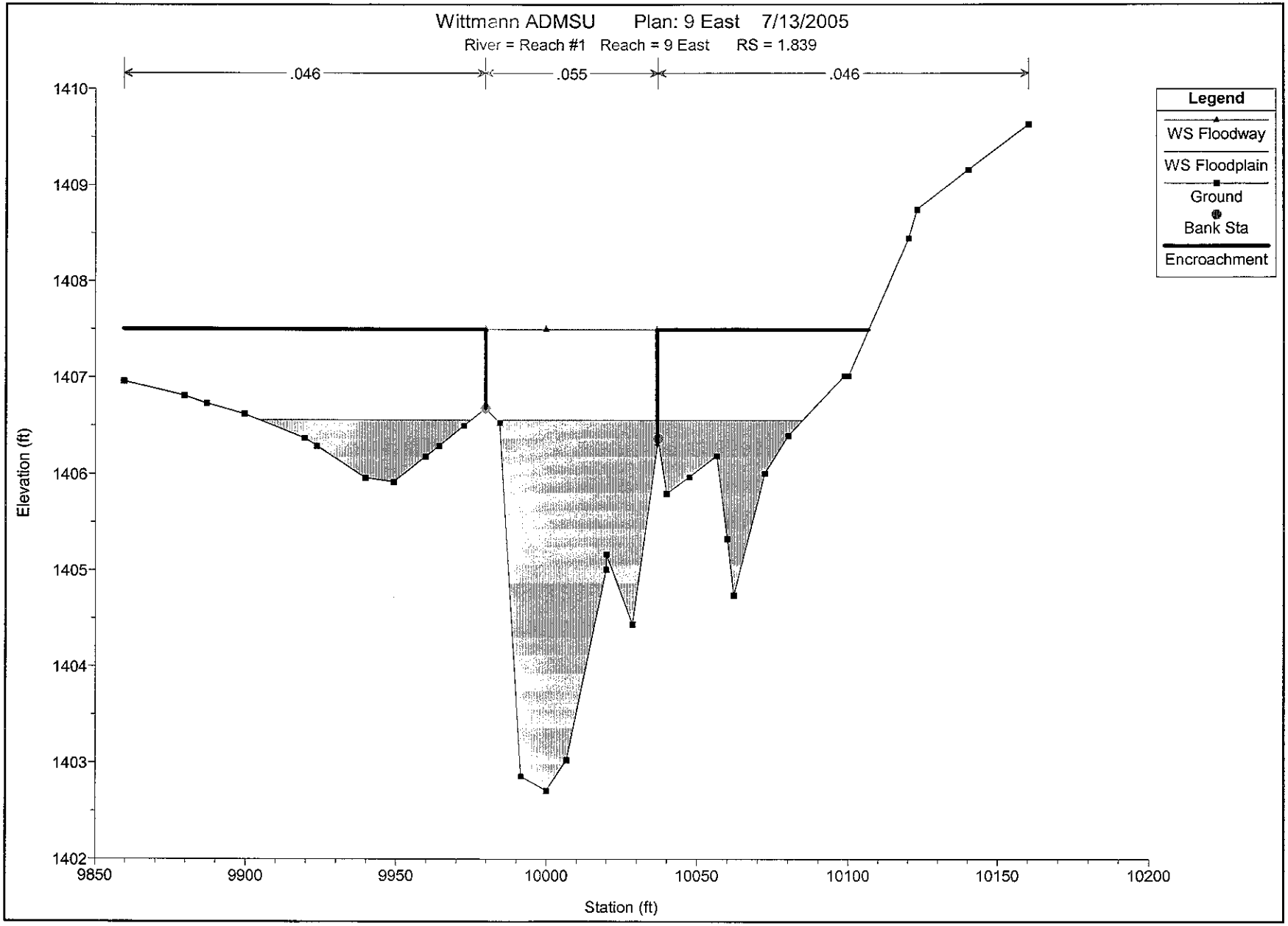

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.155
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1418
1417
1416
1415
1414
1413
1412
9900
10000
10100
10200
10300
10400
10500
Station (ft)

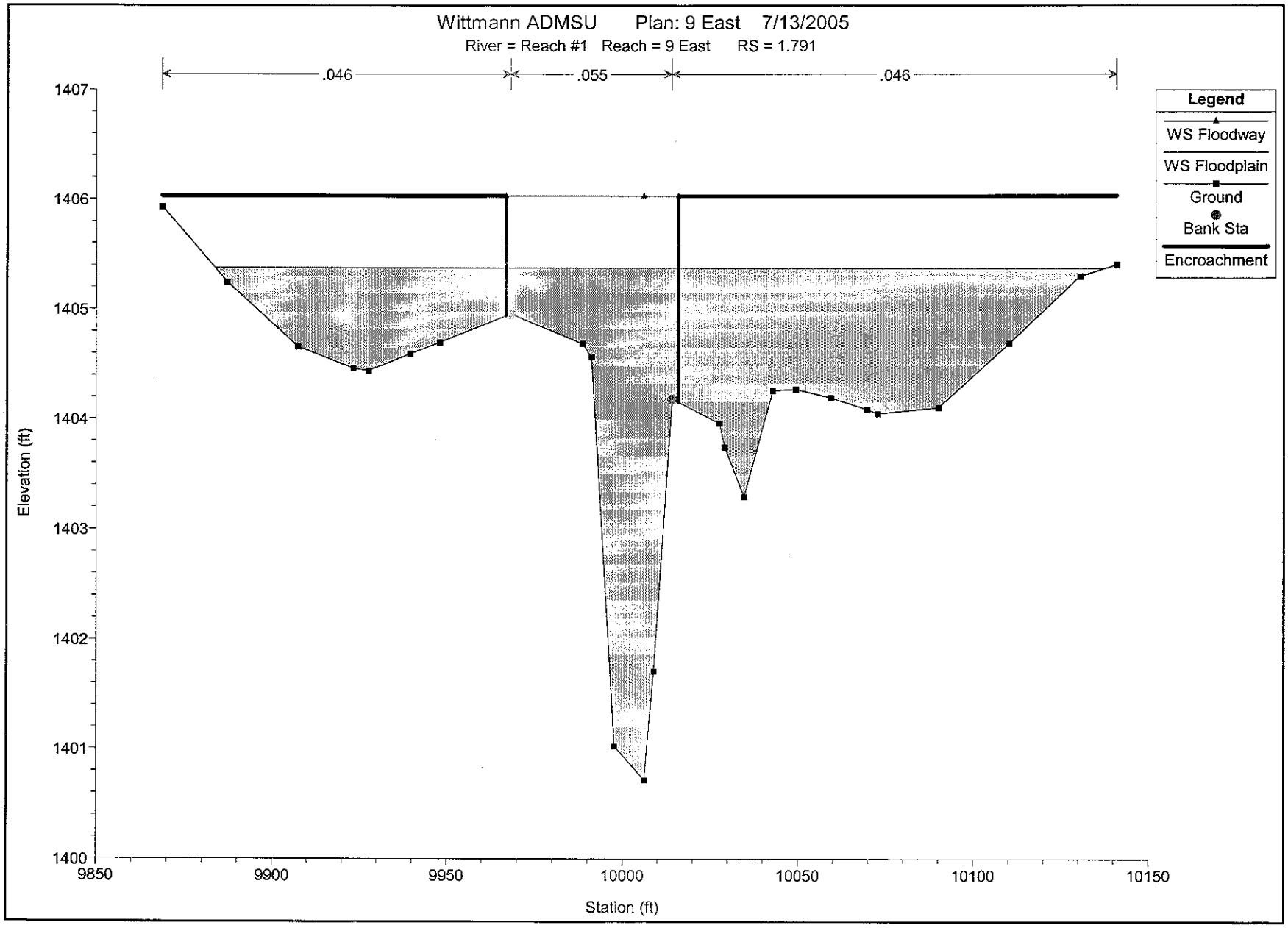

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 2.036
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1416
1415
1414
1413
1412
1411
1410
9900
10000
10100
10200
10300
10400
Station (ft)

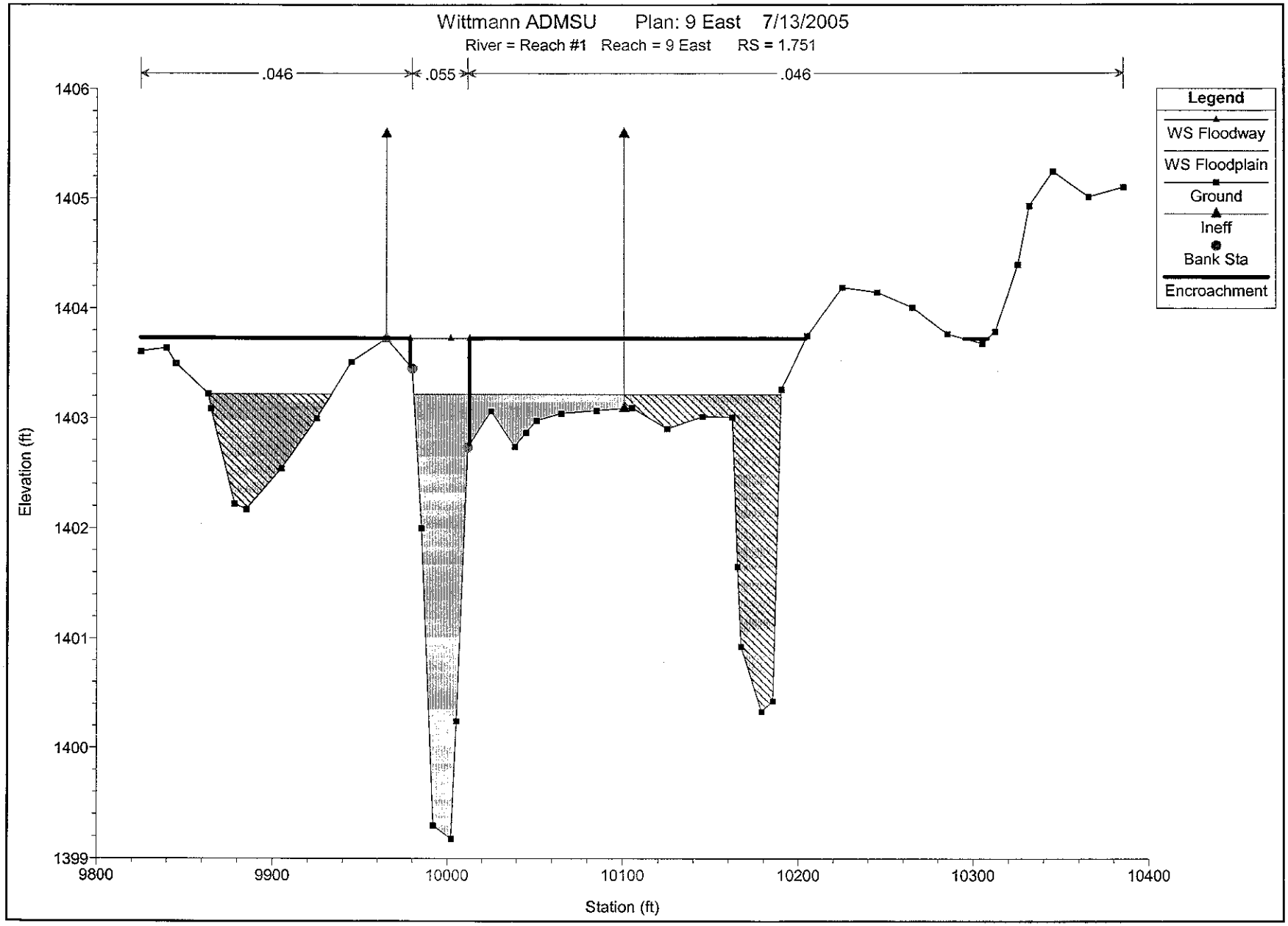

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.962
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1414
1413
1412
1411
1410
1409
1408
1407
9700
9800
9900
10000
10100
10200
Station (ft)

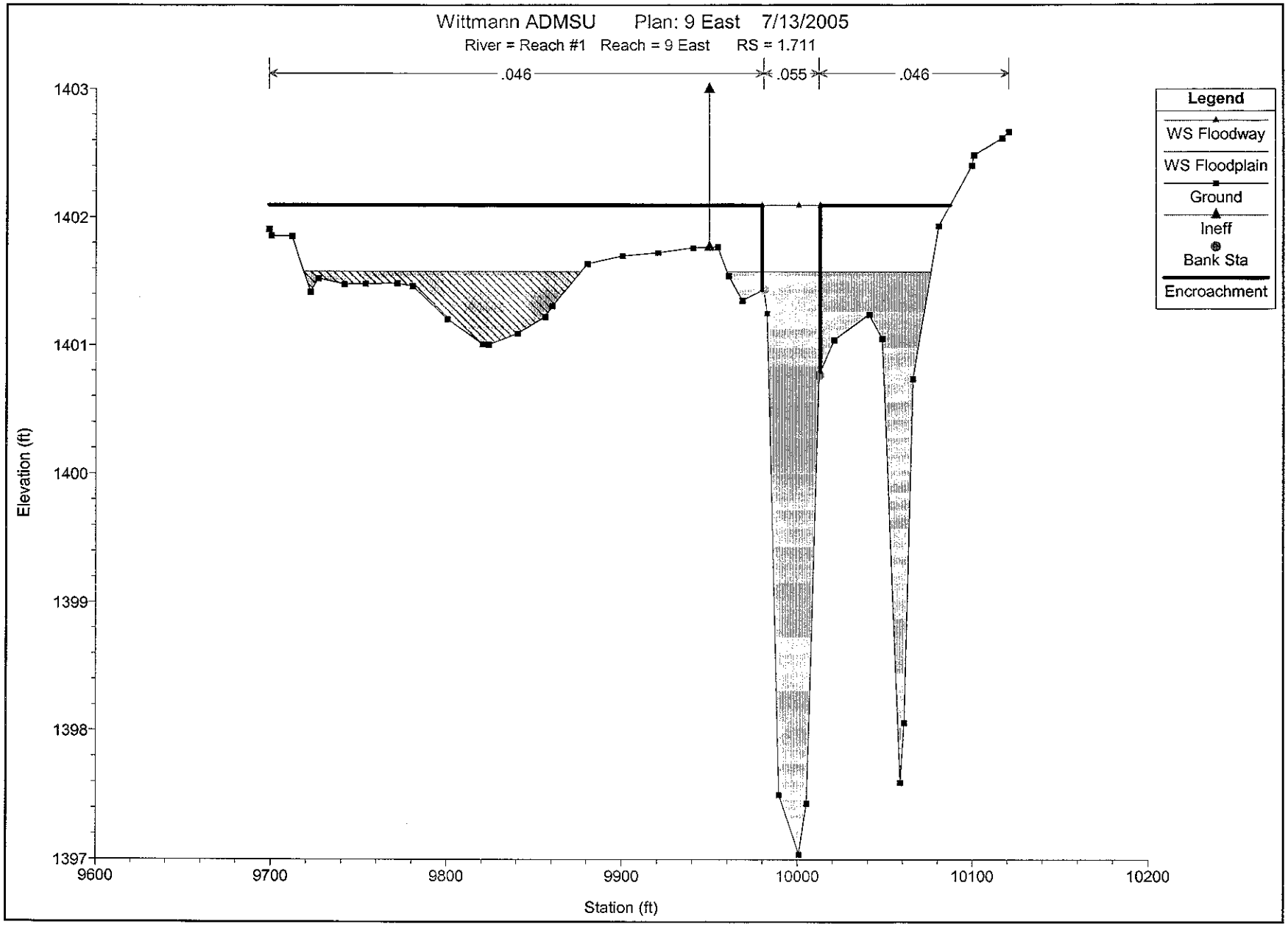

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.899
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1410
1409
1408
1407
1406
1405
9850
9900
9950
10000
10050
Station (ft)

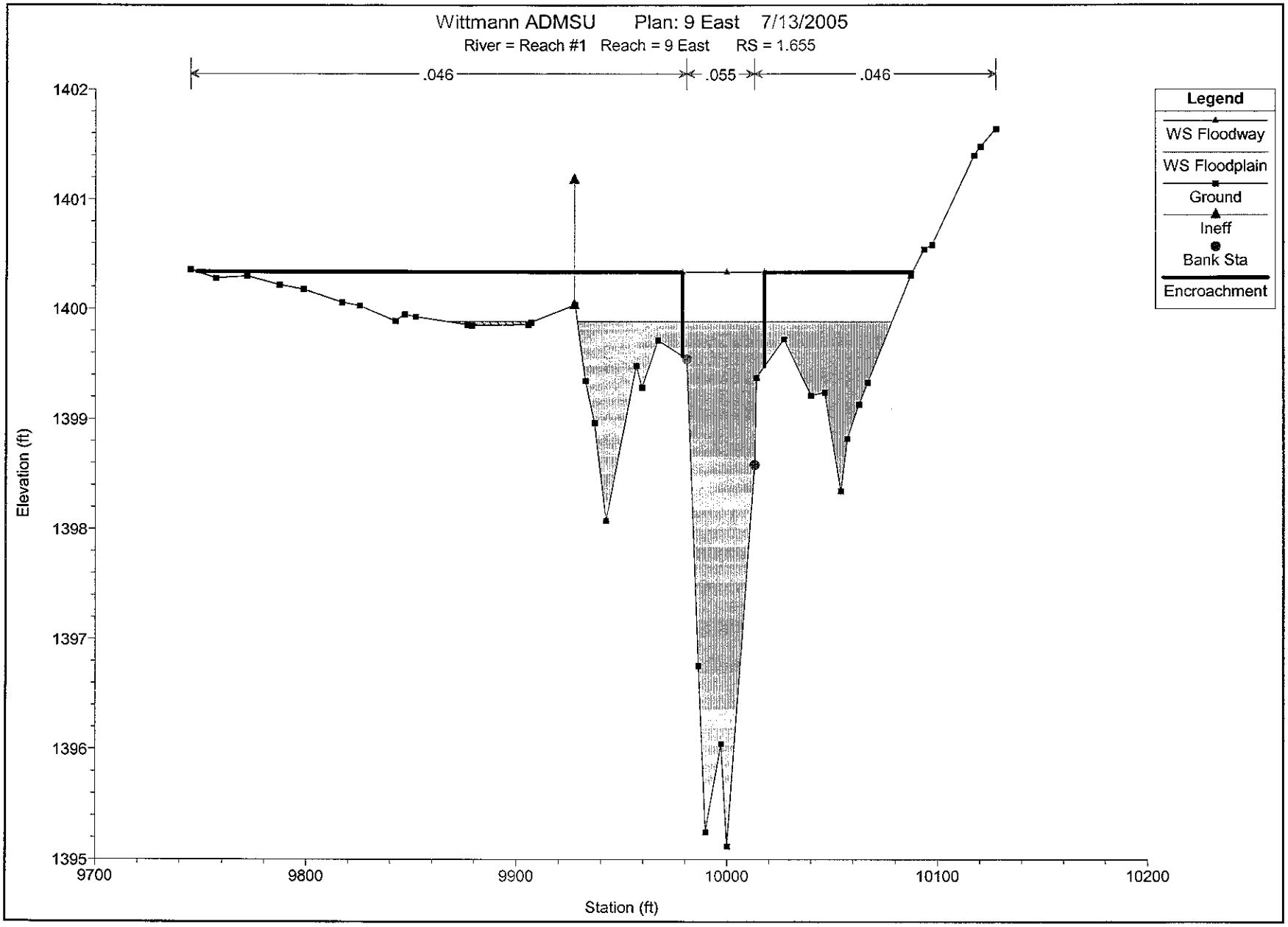

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.876
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1409
1408
1407
1406
1405
1404
9800
9900
10000
10100
10200
10300
Station (ft)

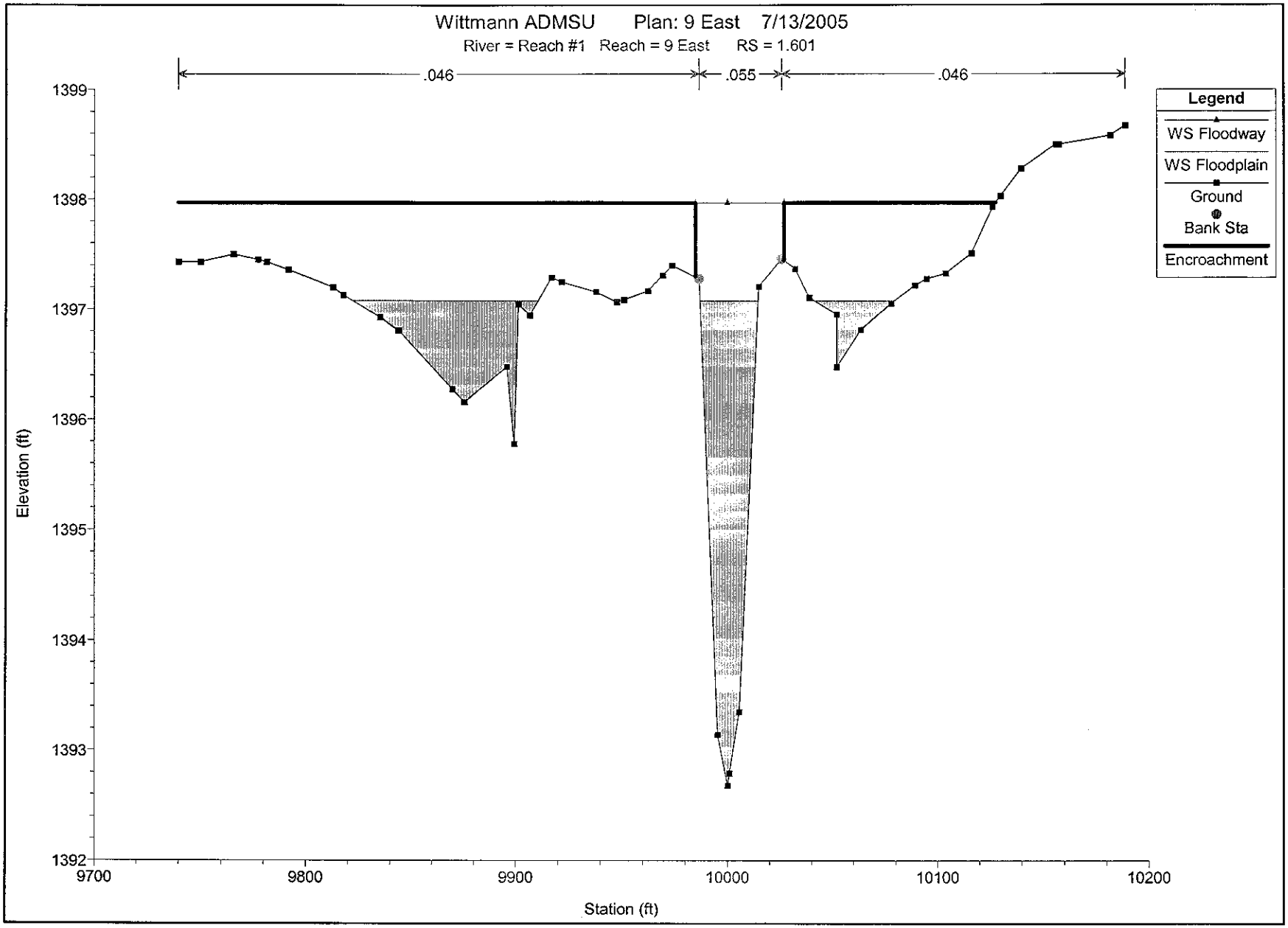

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.839
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1410
1409
1408
1407
1406
1405
1404
1403
1402
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

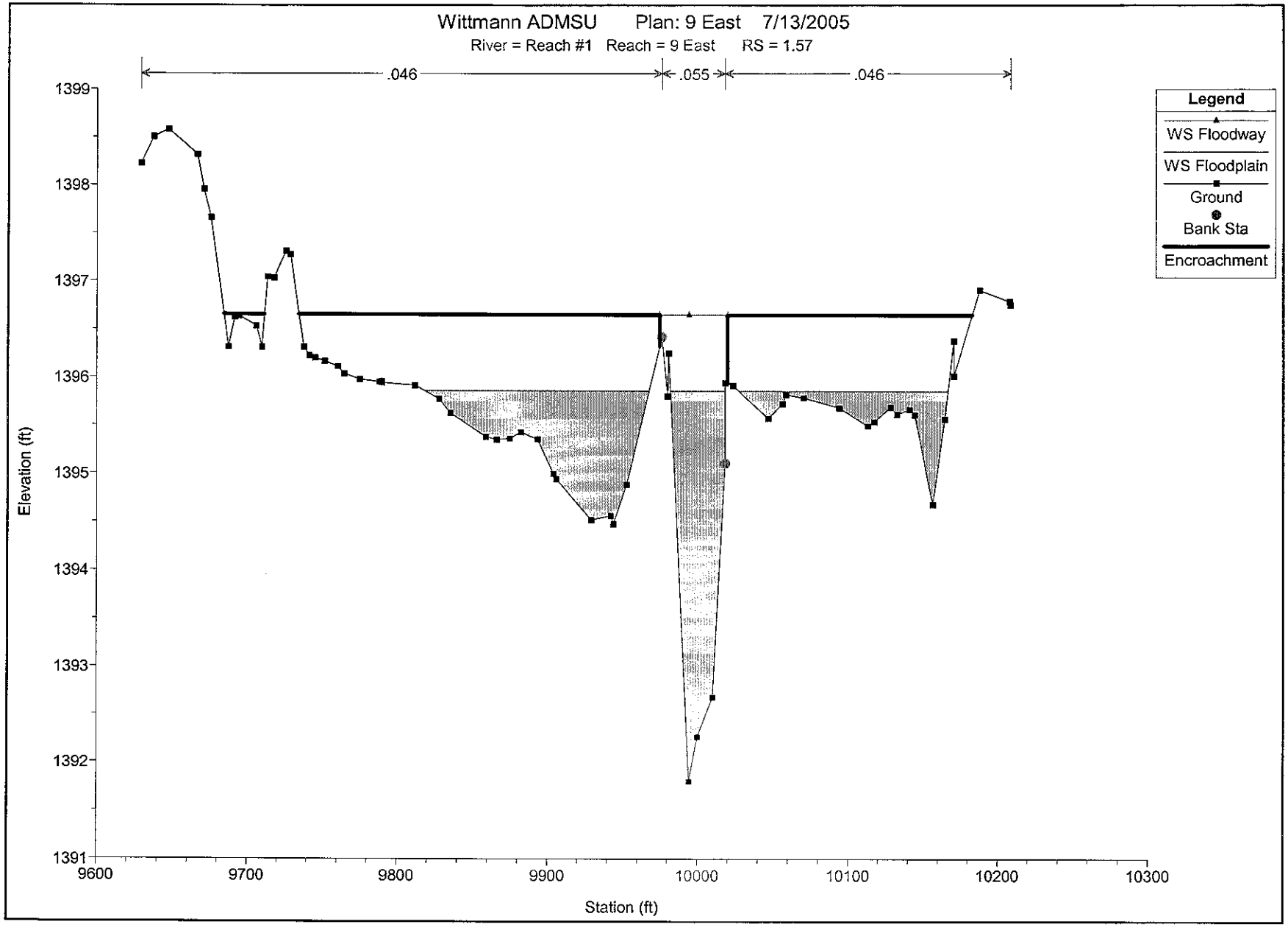

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.791
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1407
1406
1405
1404
1403
1402
1401
1400
9850
9900
9950
10000
10050
10100
10150
Station (ft)

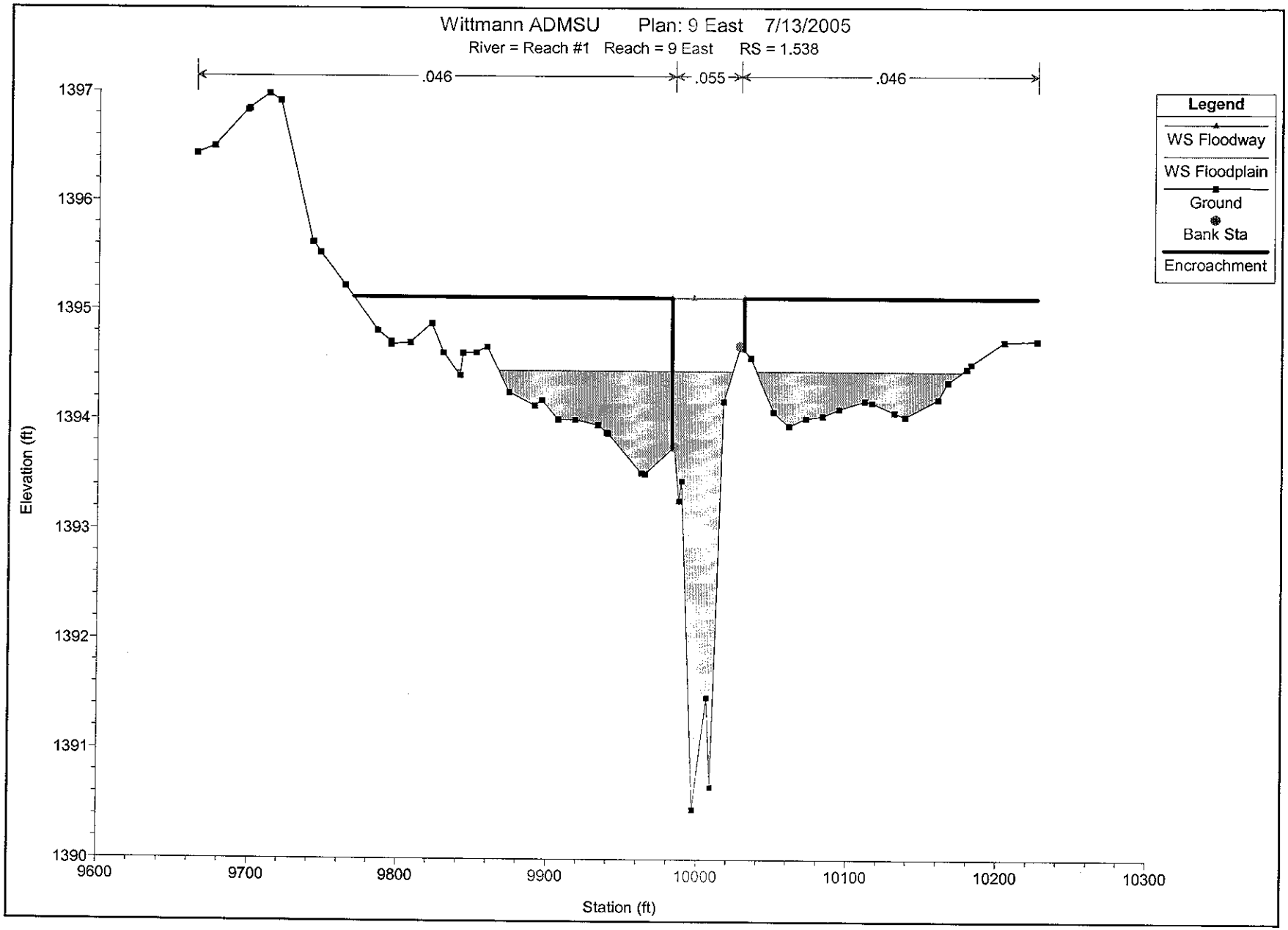

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.751
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1406
1405
1404
1403
1402
1401
1400
1399
9800
9900
10000
10100
10200
10300
10400
Station (ft)

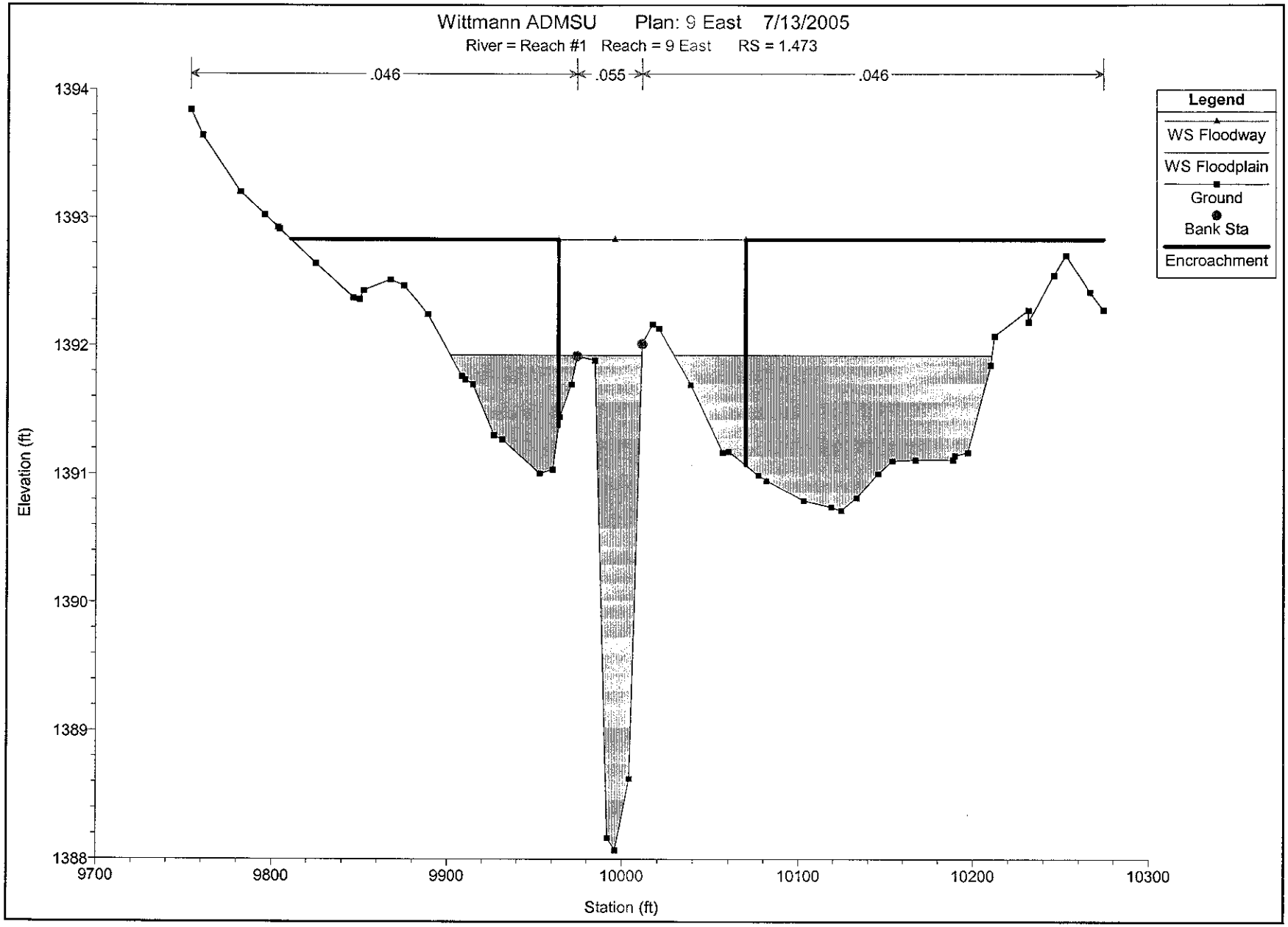

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.711
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1403
1402
1401
1400
1399
1398
1397
9600
9700
9800
9900
10000
10100
10200
Station (ft)

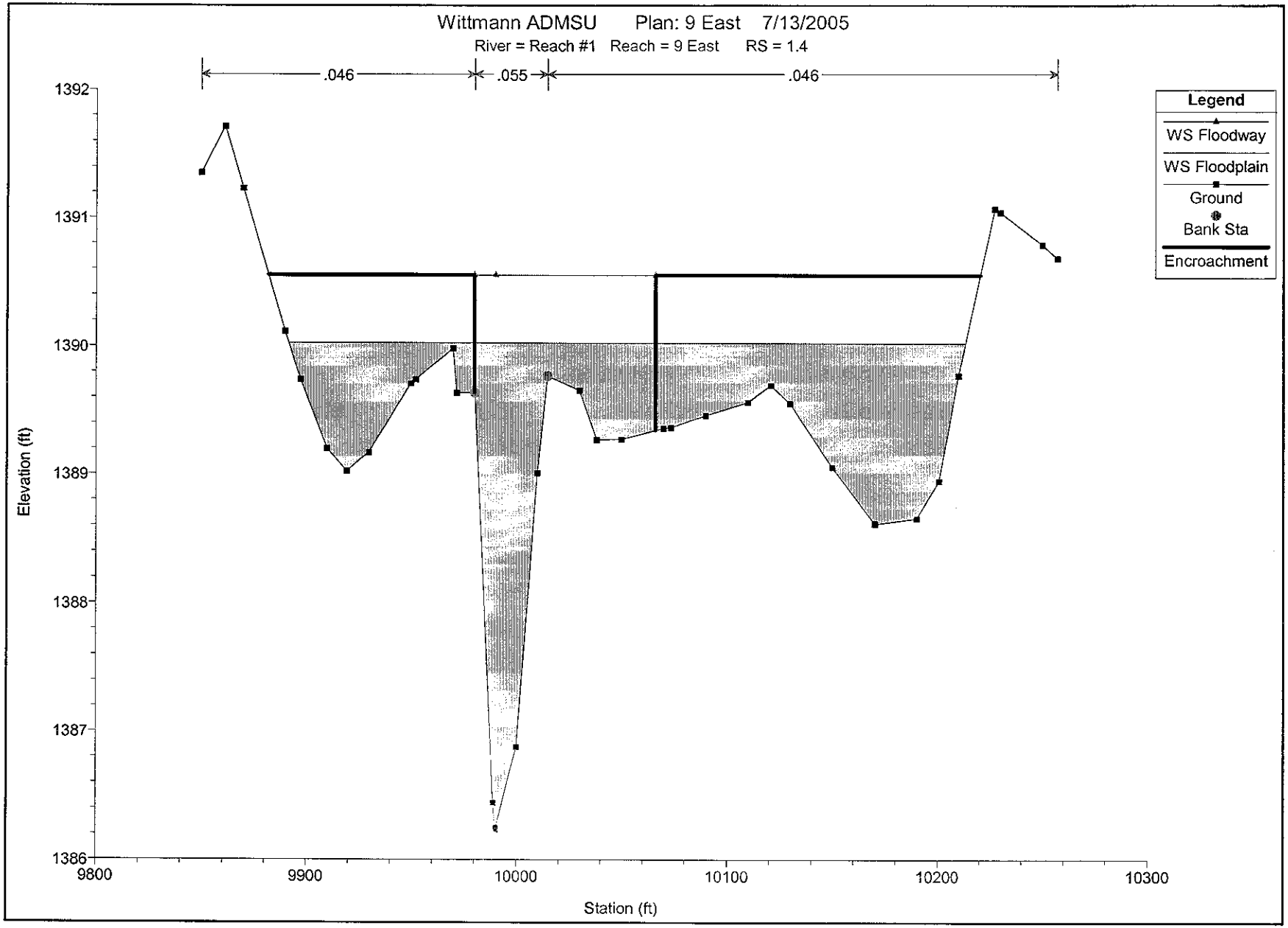

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.655
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1402
1401
1400
1399
1398
1397
1396
1395
9700
9800
9900
10000
10100
10200
Station (ft)

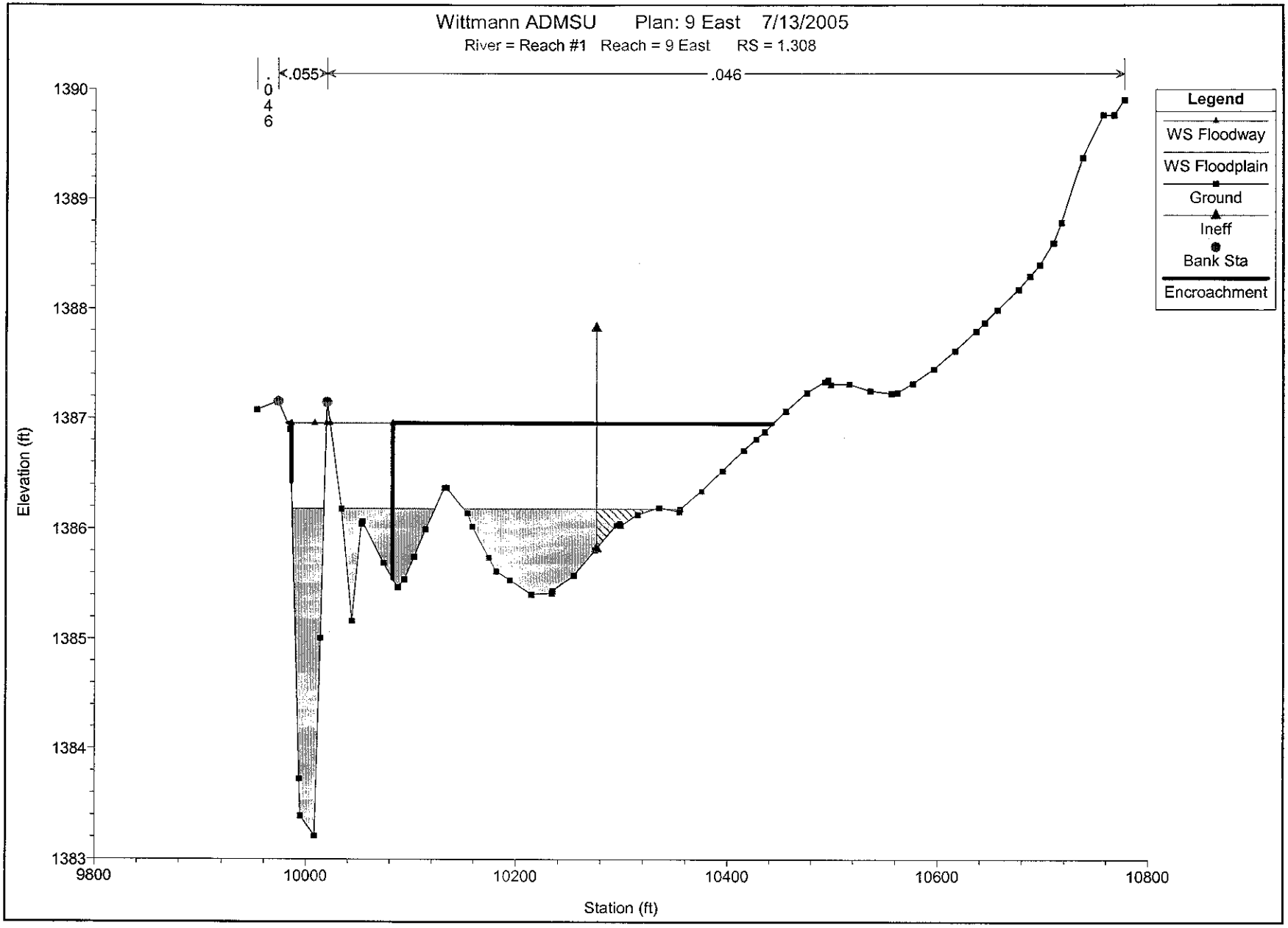

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.601
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1399
1398
1397
1396
1395
1394
1393
1392
9700
9800
9900
10000
10100
10200
Station (ft)

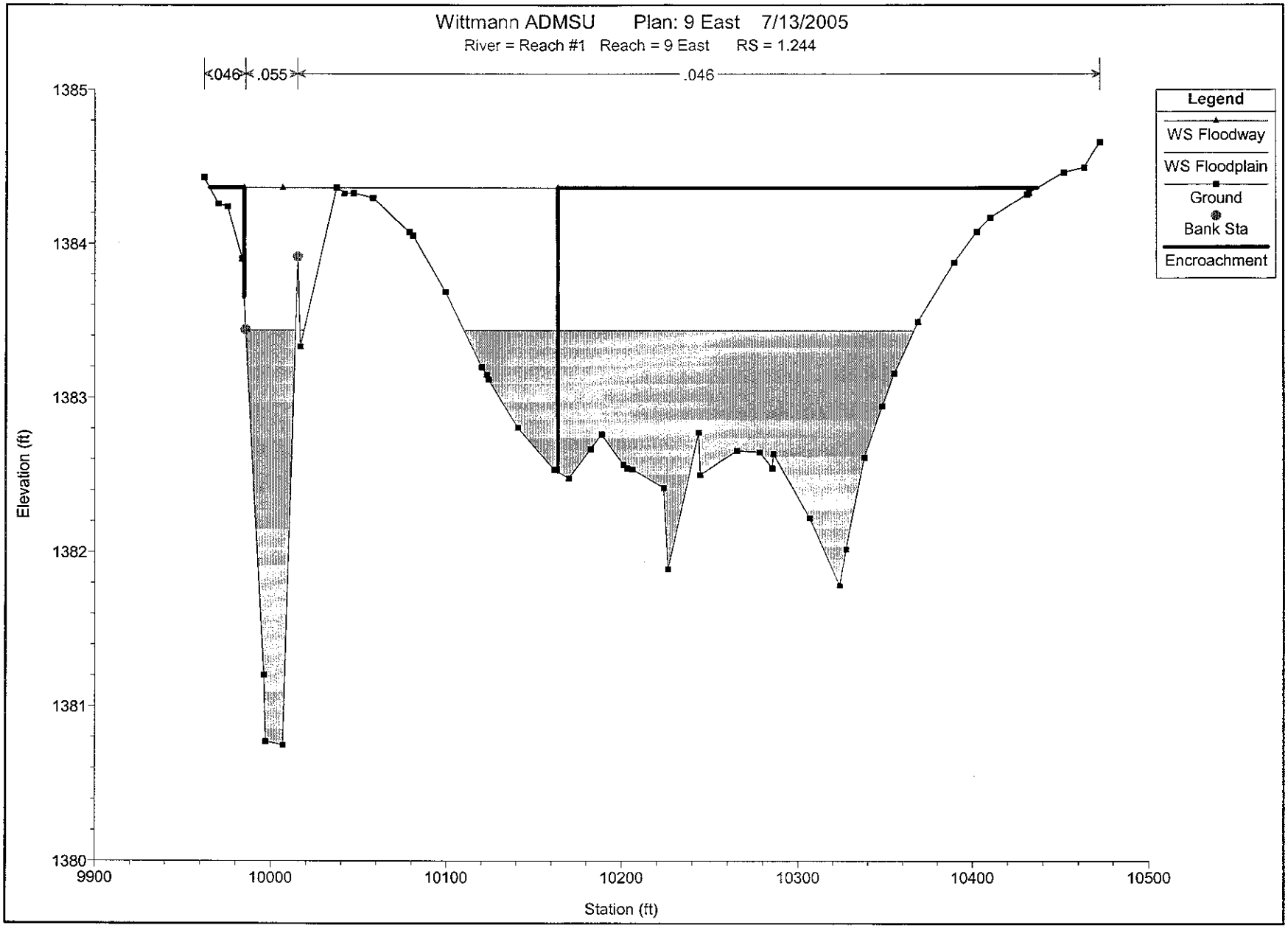

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.57
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1399
1398
1397
1396
1395
1394
1393
1392
1391
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

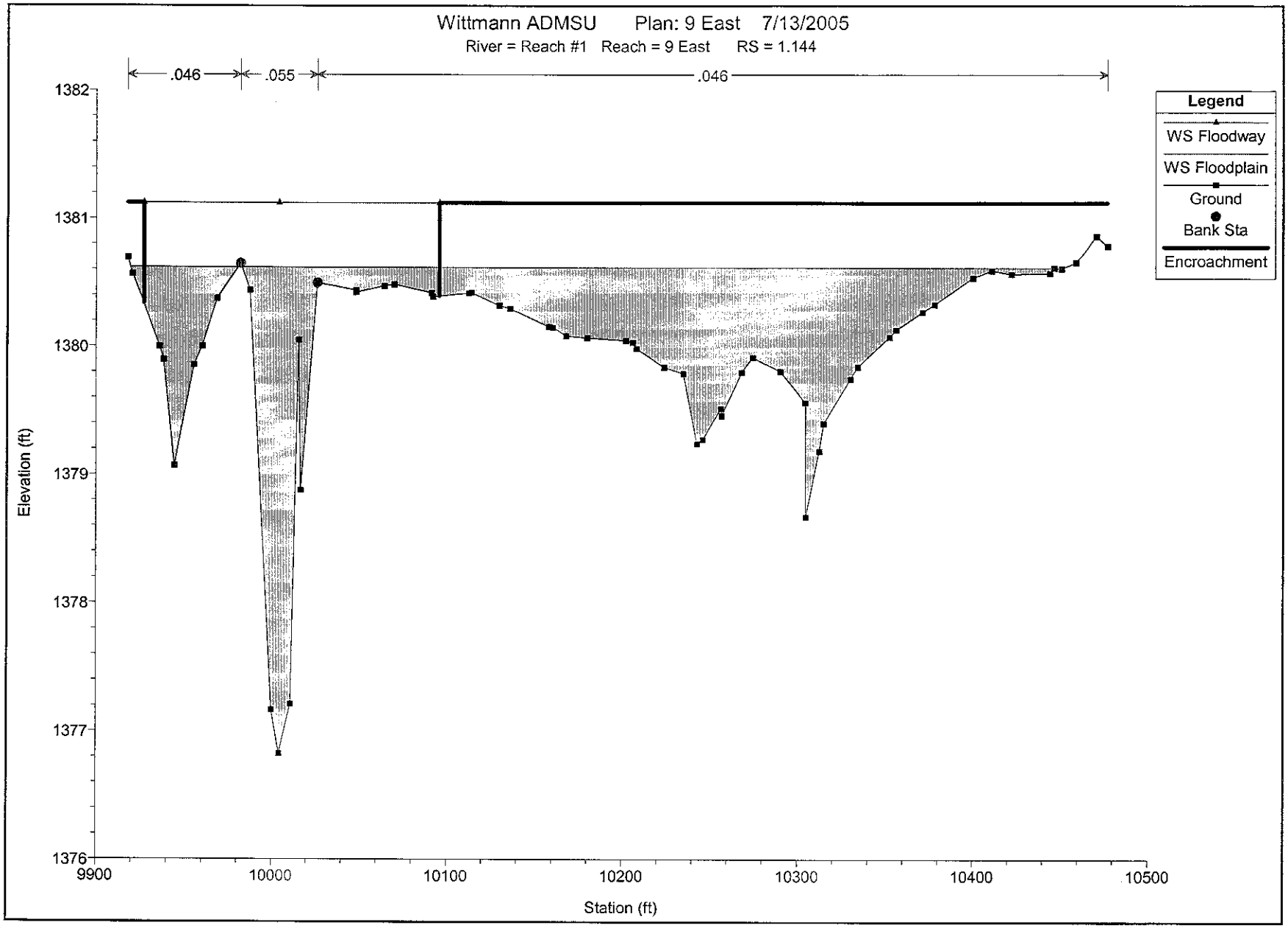

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.538
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1397
1396
1395
1394
1393
1392
1391
1390
9600
9700
9800
9900
10000
10100
10200
10300
Station (ft)

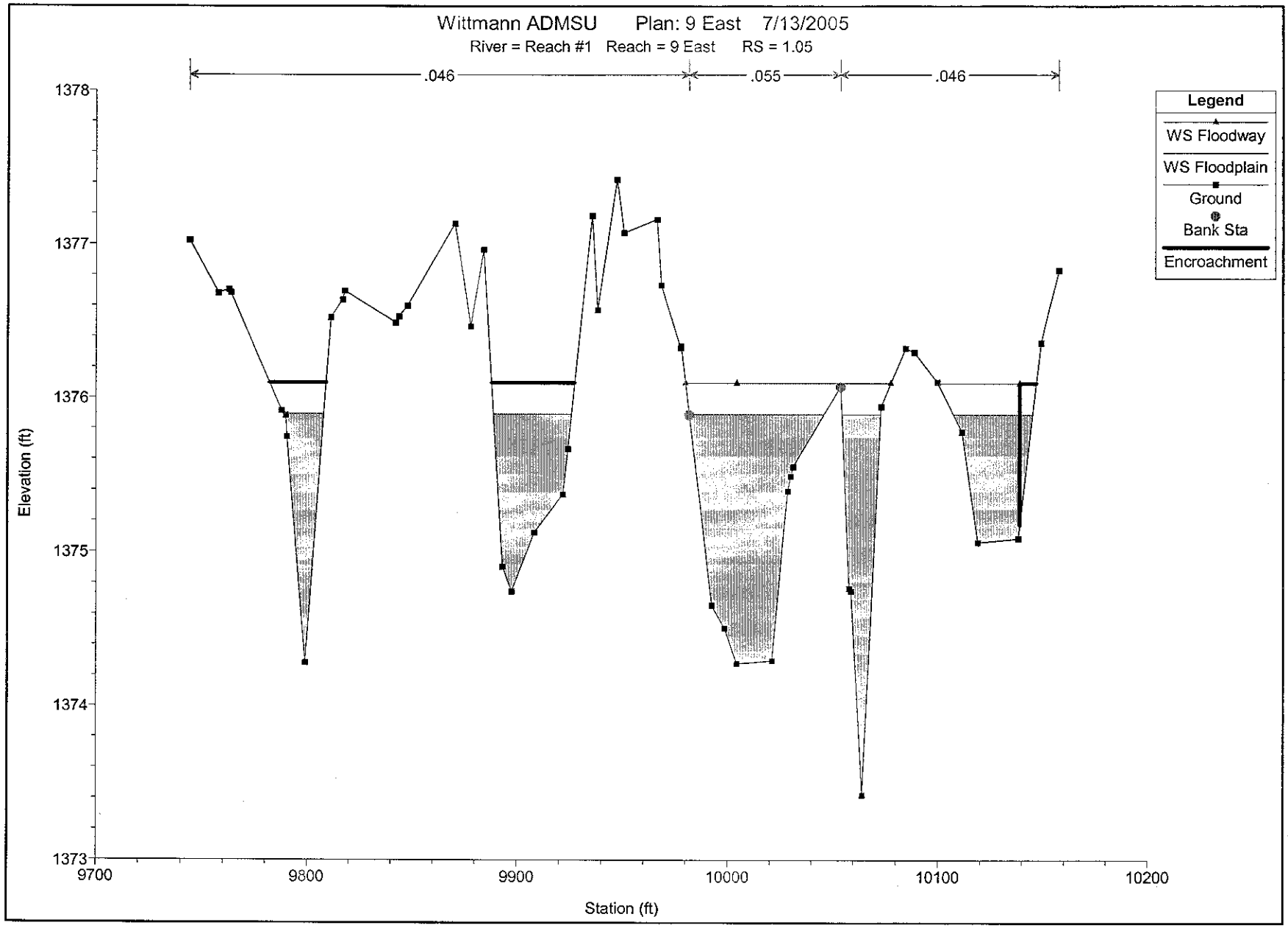

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.473
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1394
1393
1392
1391
1390
1389
1388
9700
9800
9900
10000
10100
10200
10300
Station (ft)

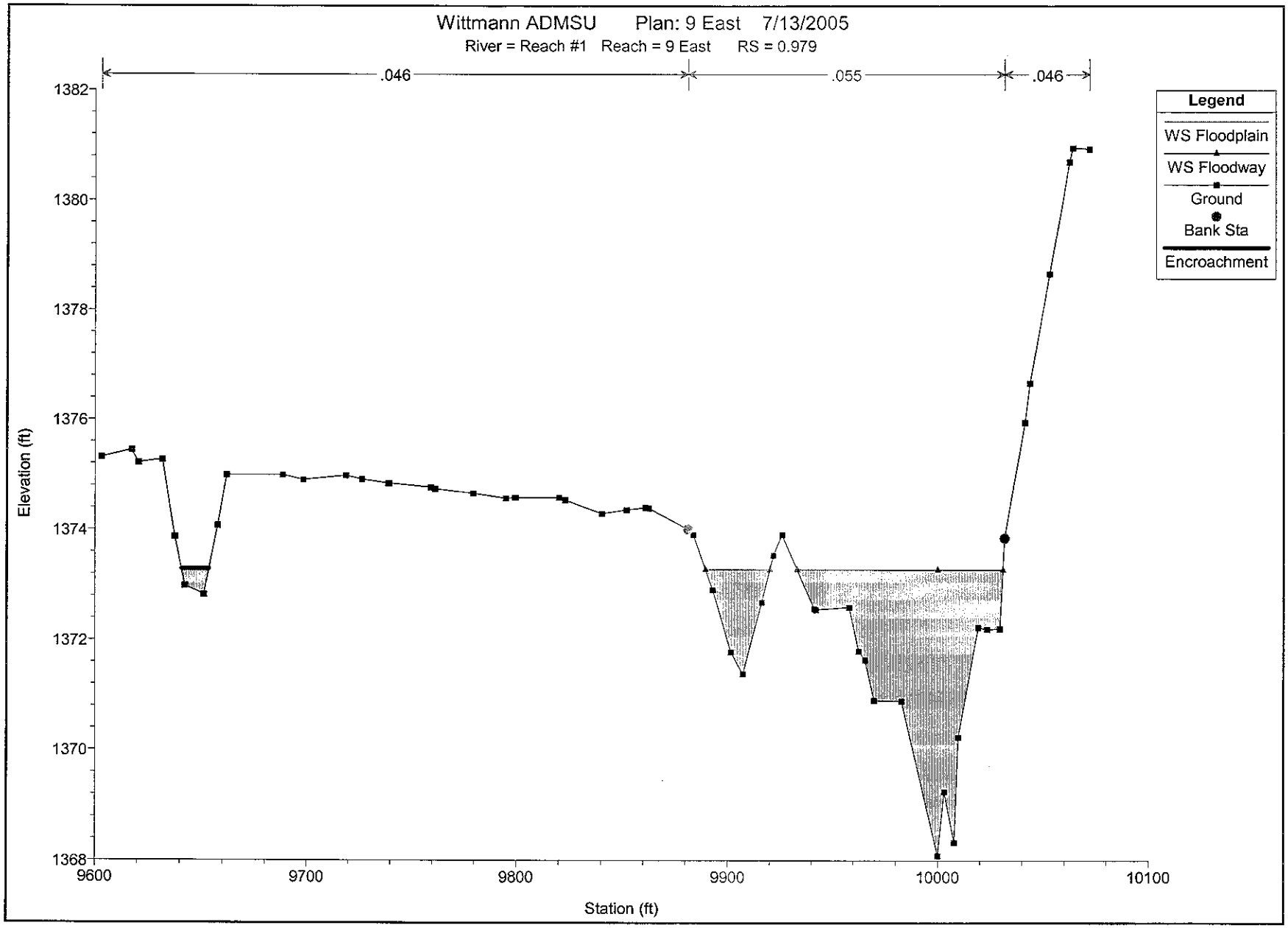

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.4
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1392
1391
1390
1389
1388
1387
1386
9800
9900
10000
10100
10200
10300
Station (ft)

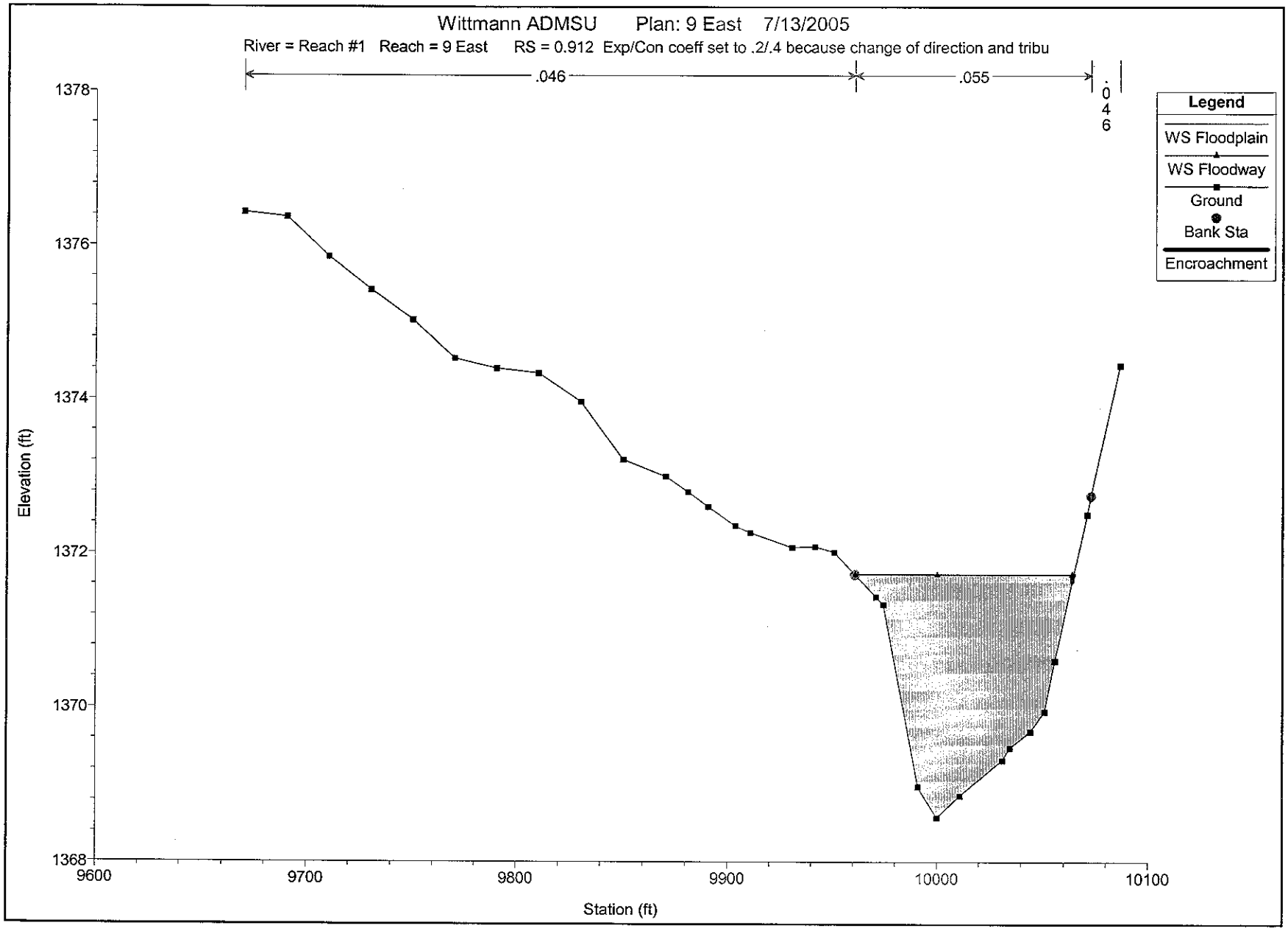

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.308
.046
<.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1390
1389
1388
1387
1386
1385
1384
1383
9800
10000
10200
10400
10600
10800
Station (ft)


Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.244
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1385
1384
1383
1382
1381
1380
9900
10000
10100
10200
10300
10400
10500
Station (ft)

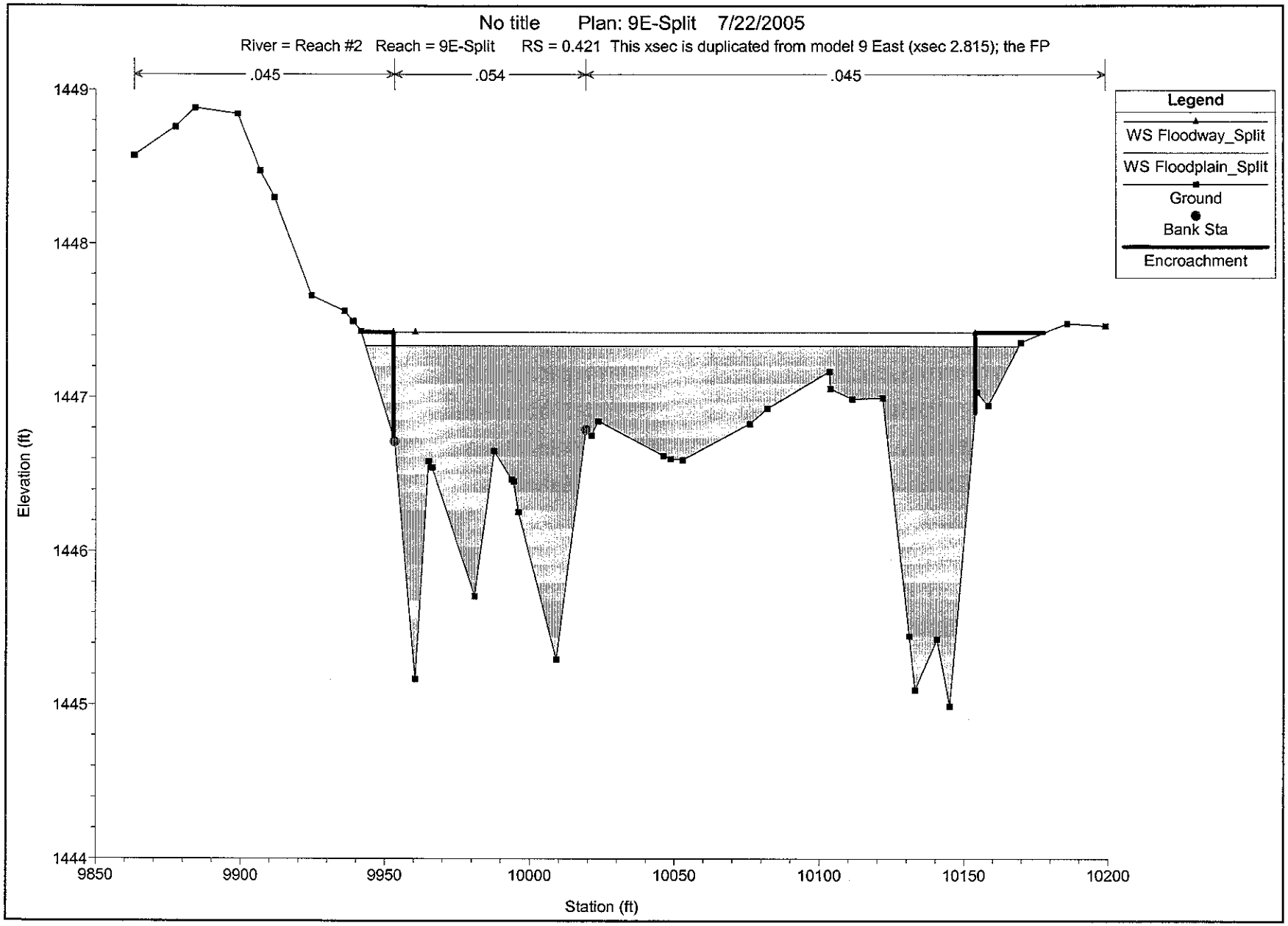

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.144
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1382
1381
1380
1379
1378
1377
1376
9900
10000
10100
10200
10300
10400
10500
Station (ft)

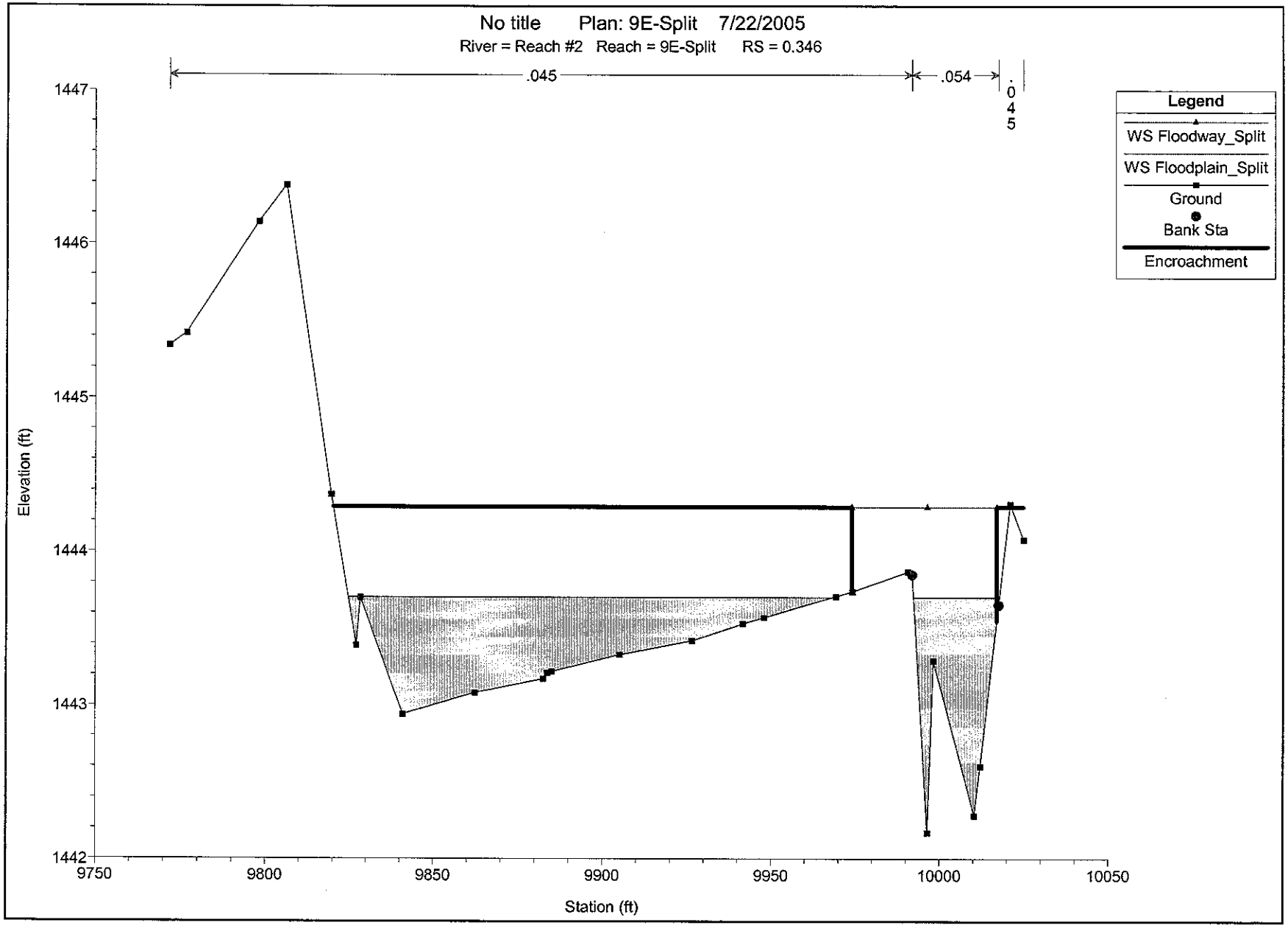

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 1.05
.046
.055
.046
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1378
1377
1376
1375
1374
1373
9700
9800
9900
10000
10100
10200
Station (ft)

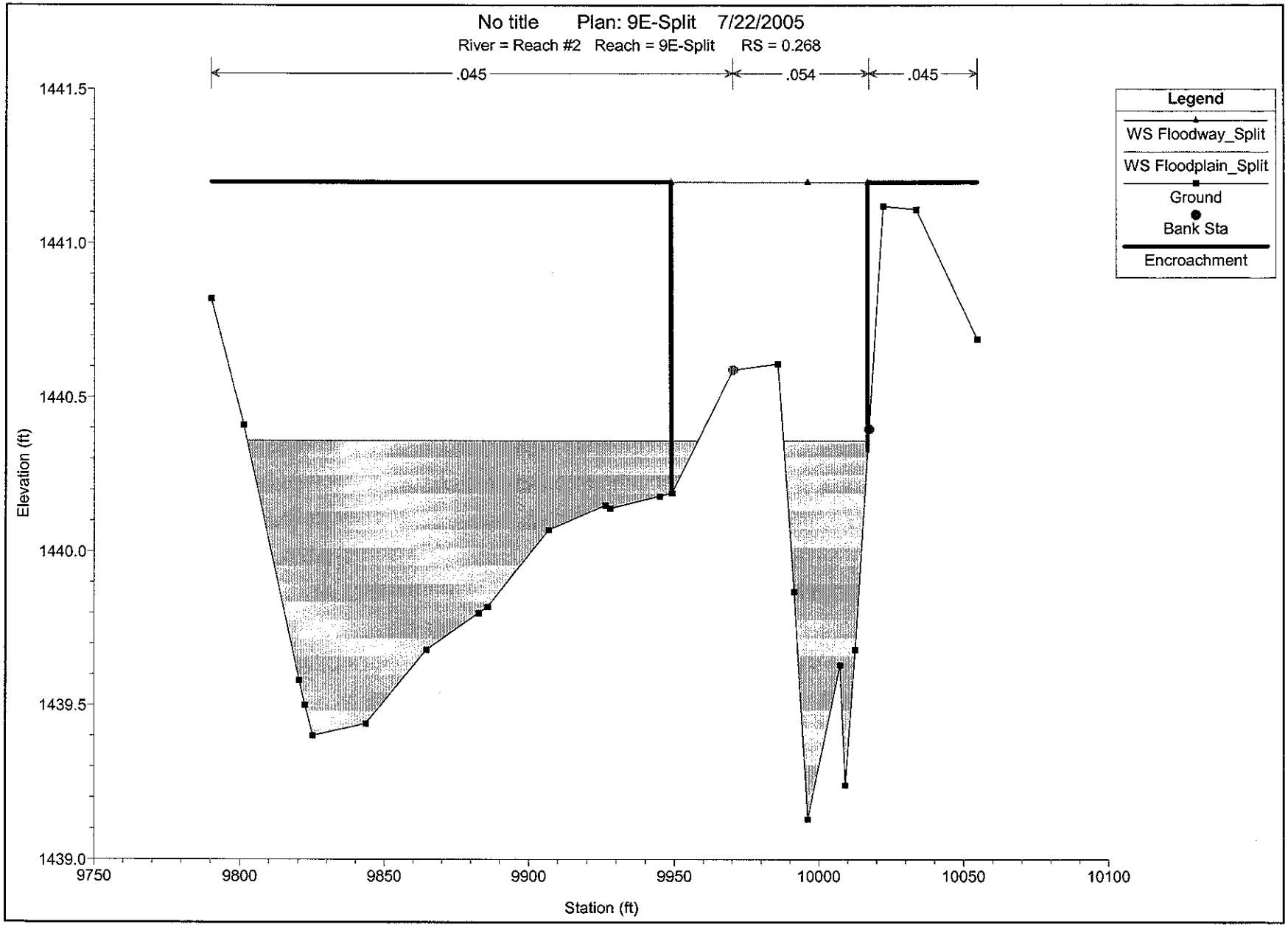

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 0.979
.046
.055
.046
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1382
1380
1378
1376
1374
1372
1370
1368
9600
9700
9800
9900
10000
10100
Station (ft)

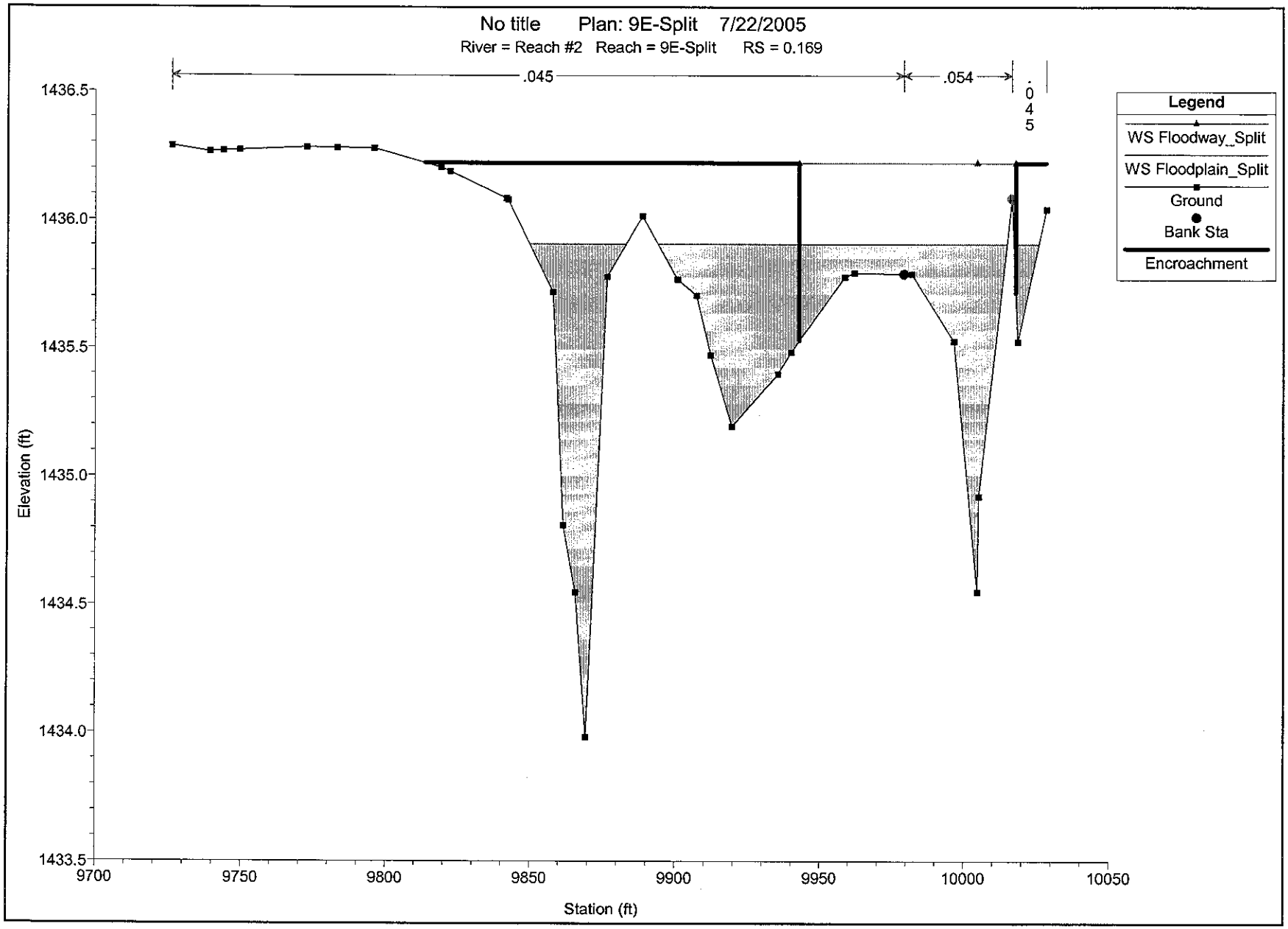

Wittmann ADMSU Plan: 9 East 7/13/2005
River = Reach #1 Reach = 9 East RS = 0.912 Exp/Con coeff set to .2/.4 because change of direction and tribu
.046
.055
.046
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1378
1376
1374
1372
1370
1368
9600
9700
9800
9900
10000
10100
Station (ft)

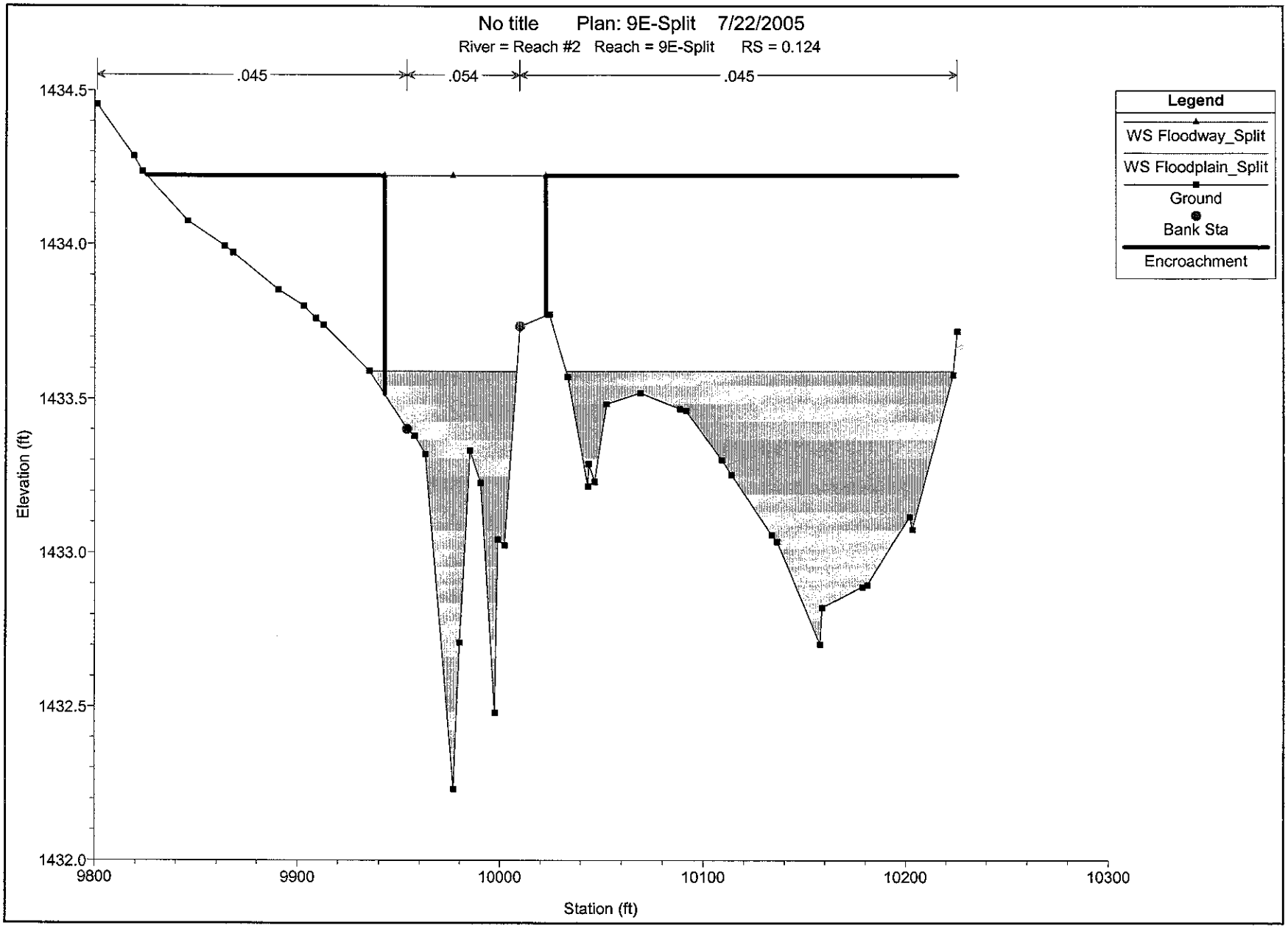
9 EAST SPLIT

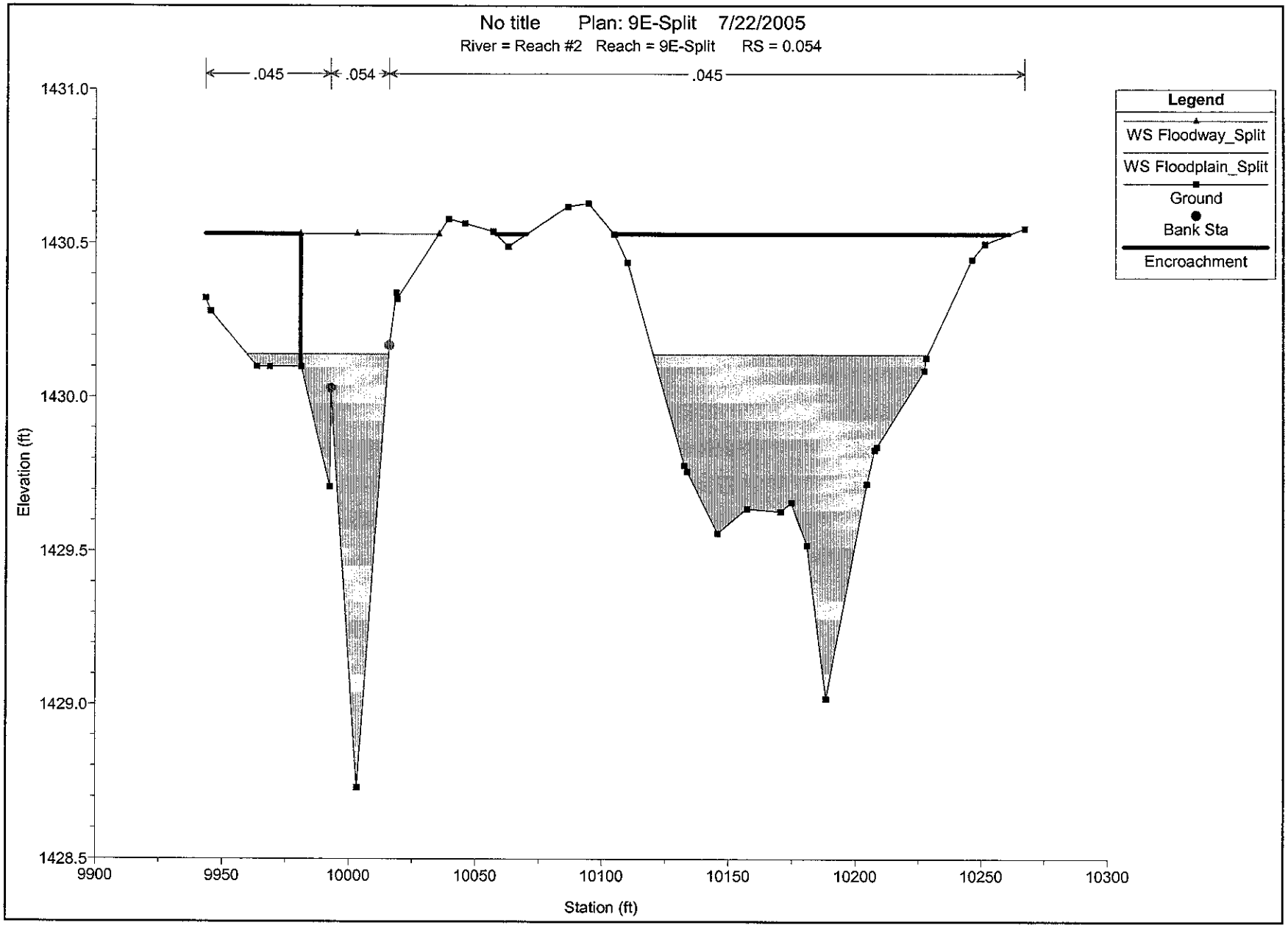

No title Plan: 9E-Split 7/22/2005
River = Reach #2 Reach = 9E-Split RS = 0.421 This xsec is duplicated from model 9 East (xsec 2.815); the FP
.045
.054
.045
Legend
WS Floodway_Split
WS Floodplain_Split
Ground
Bank Sta
Encroachment
Elevation (ft)
1449
1448
1447
1446
1445
1444
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

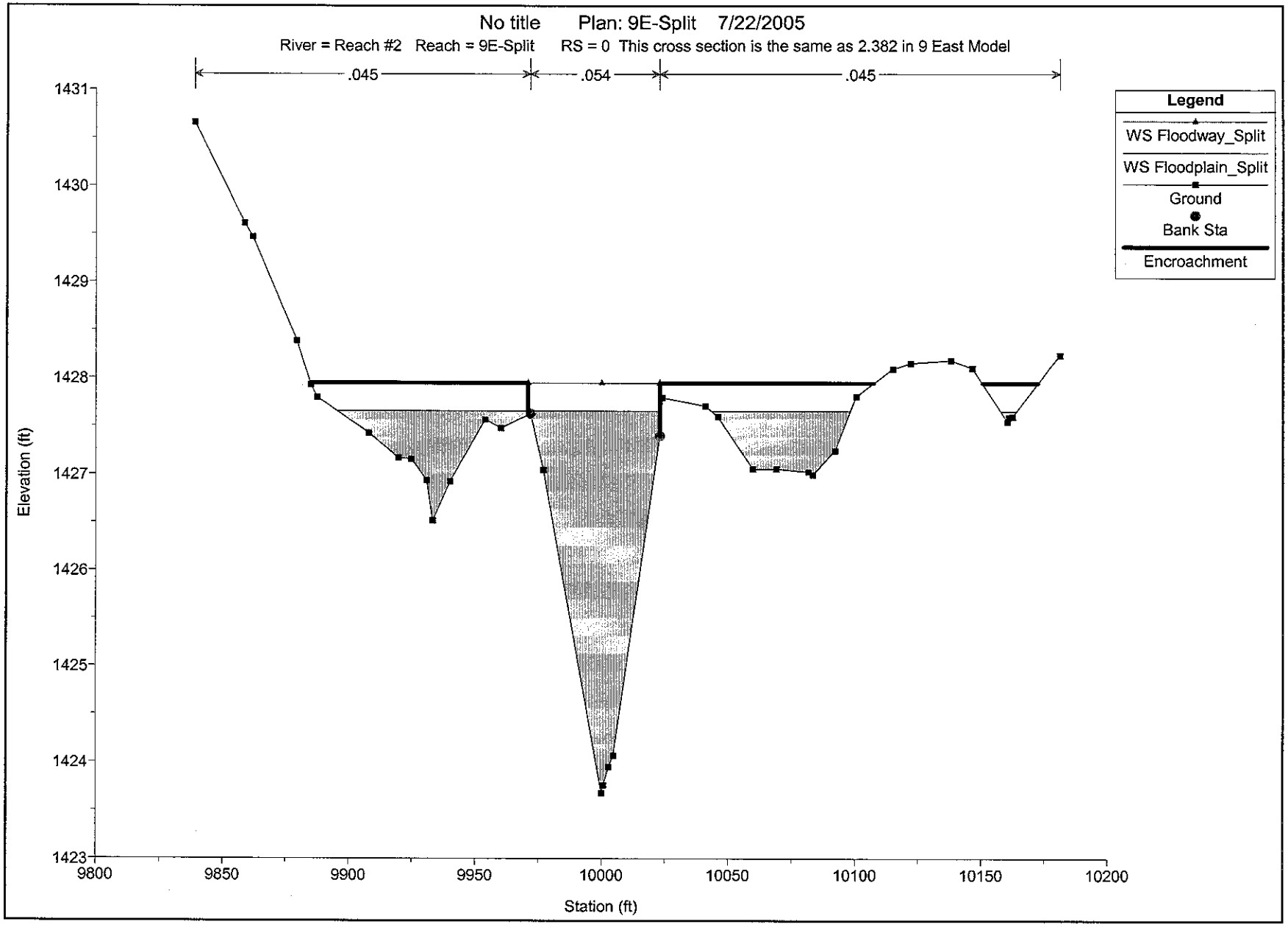

No title Plan: 9E-Split 7/22/2005
River = Reach #2 Reach = 9E-Split RS = 0.346
.045
.054
.045
Legend
WS Floodway_Split
WS Floodplain_Split
Ground
Bank Sta
Encroachment
Elevation (ft)
1447
1446
1445
1444
1443
1442
9750
9800
9850
9900
9950
10000
10050
Station (ft)


No title Plan: 9E-Split 7/22/2005
River = Reach #2 Reach = 9E-Split RS = 0.268
.045
.054
.045
Legend
WS Floodway_Split
WS Floodplain_Split
Ground
Bank Sta
Encroachment
Elevation (ft)
1441.5
1441.0
1440.5
1440.0
1439.5
1439.0
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)


No title Plan: 9E-Split 7/22/2005
River = Reach #2 Reach = 9E-Split RS = 0.169
.045
.054
.045
Legend
WS Floodway_Split
WS Floodplain_Split
Ground
Bank Sta
Encroachment
Elevation (ft)
1436.5
1436.0
1435.5
1435.0
1434.5
1434.0
1433.5
9700
9750
9800
9850
9900
9950
10000
10050
Station (ft)


No title Plan: 9E-Split 7/22/2005
River = Reach #2 Reach = 9E-Split RS = 0.124
.045
.054
.045
Legend
WS Floodway_Split
WS Floodplain_Split
Ground
Bank Sta
Encroachment
Elevation (ft)
1434.5
1434.0
1433.5
1433.0
1432.5
1432.0
9800
9900
10000
10100
10200
10300
Station (ft)

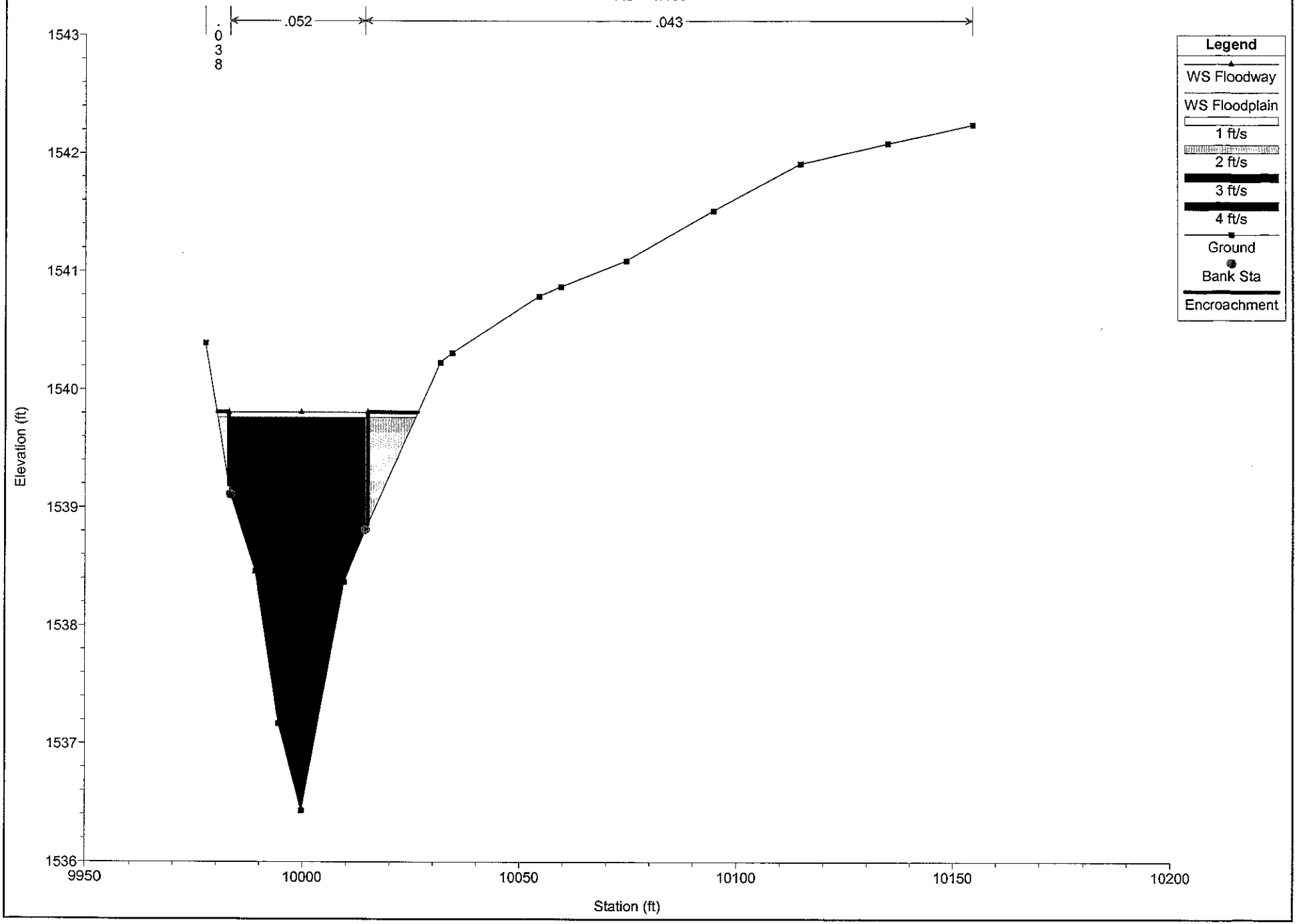

No title Plan: 9E-Split 7/22/2005
River = Reach #2 Reach = 9E-Split RS = 0.054
.045
.054
.045
Legend
WS Floodway_Split
WS Floodplain_Split
Ground
Bank Sta
Encroachment
Elevation (ft)
1431.0
1430.5
1430.0
1429.5
1429.0
1428.5
9900
9950
10000
10050
10100
10150
10200
10250
10300
Station (ft)

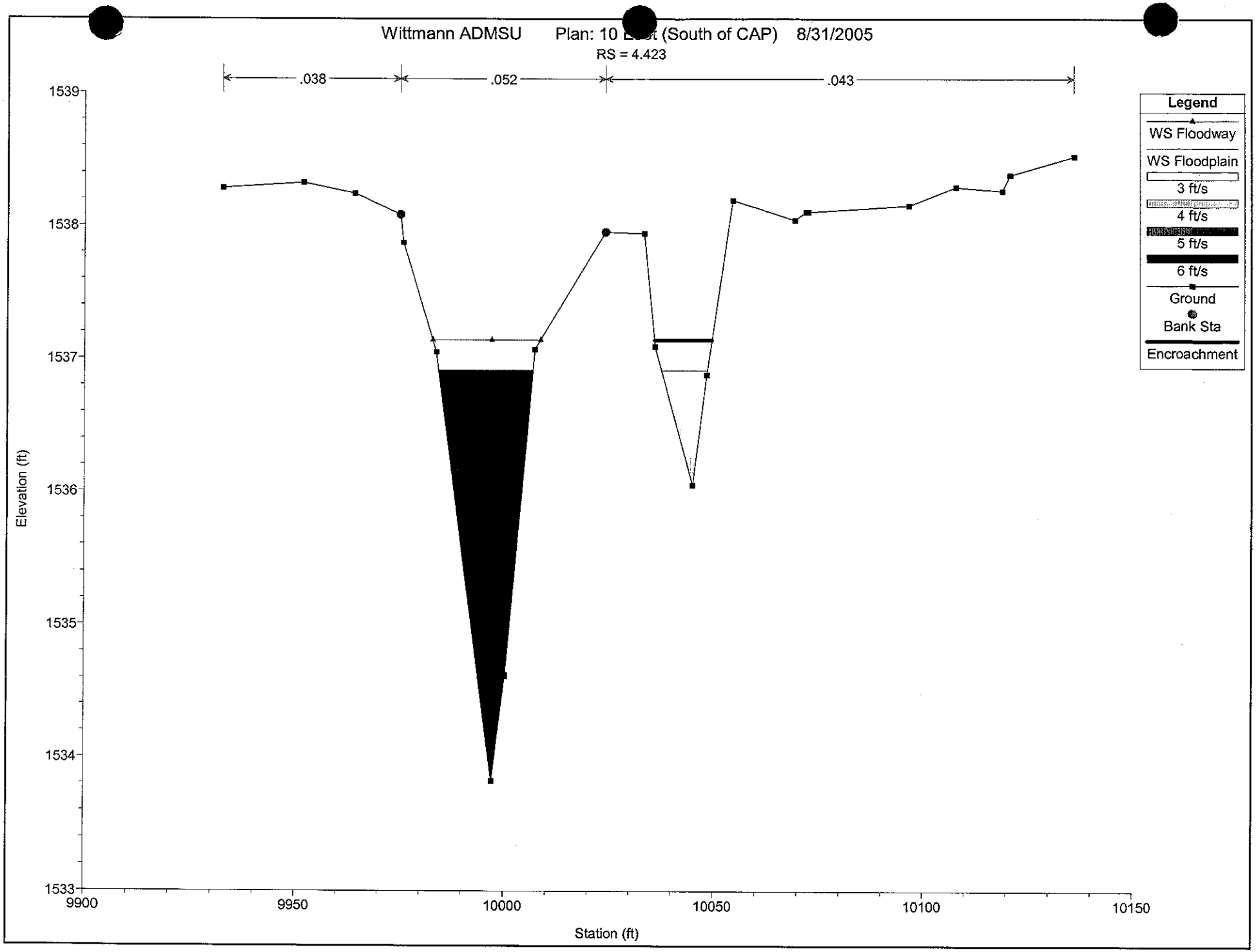

No title Plan: 9E-Split 7/22/2005
River = Reach #2 Reach = 9E-Split RS = 0 This cross section is the same as 2.382 in 9 East Model
.045
.054
.045
Legend
WS Floodway_Split
WS Floodplain_Split
Ground
Bank Sta
Encroachment
Elevation (ft)
1431
1430
1429
1428
1427
1426
1425
1424
1423
9800
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

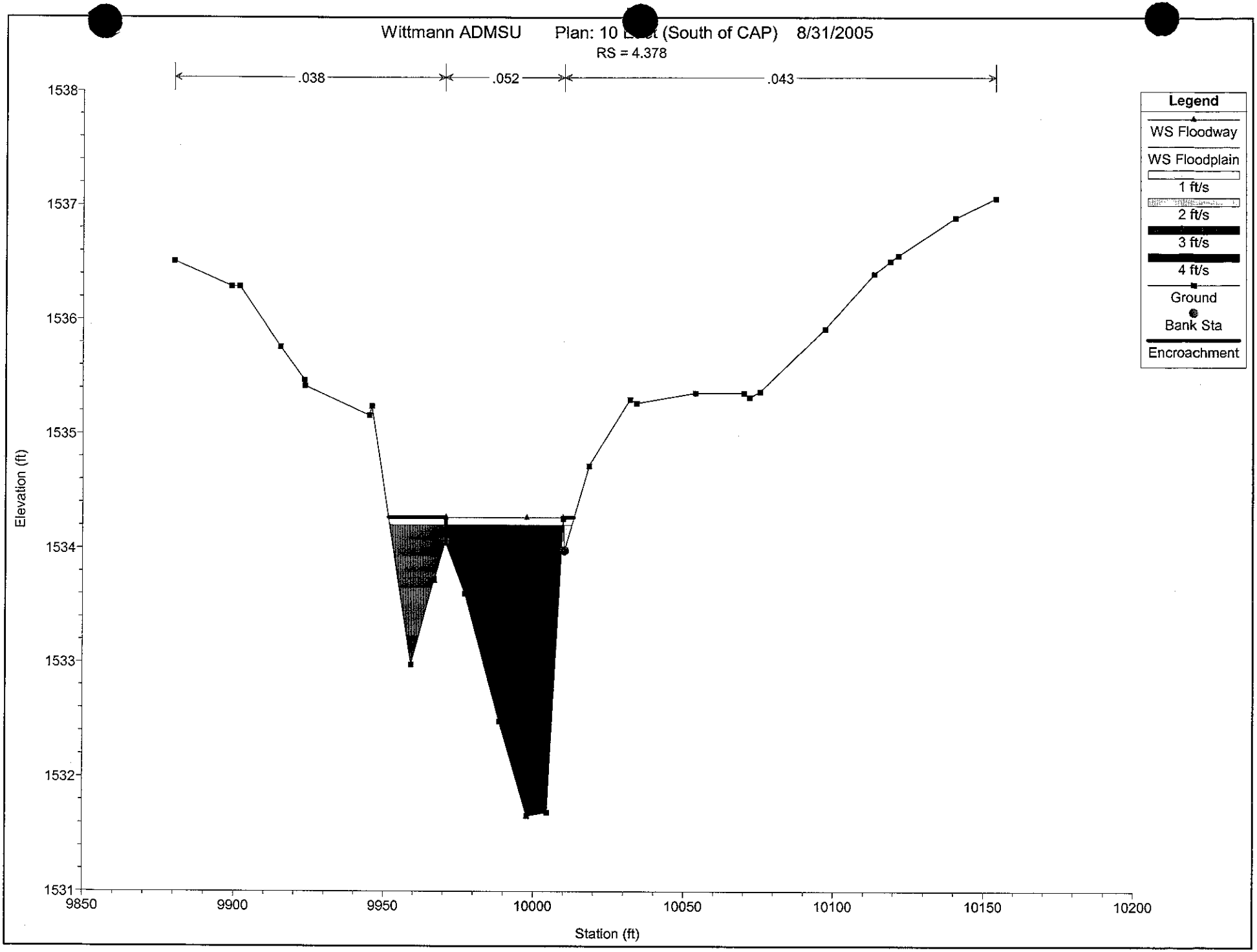
10 EAST

Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 4.466

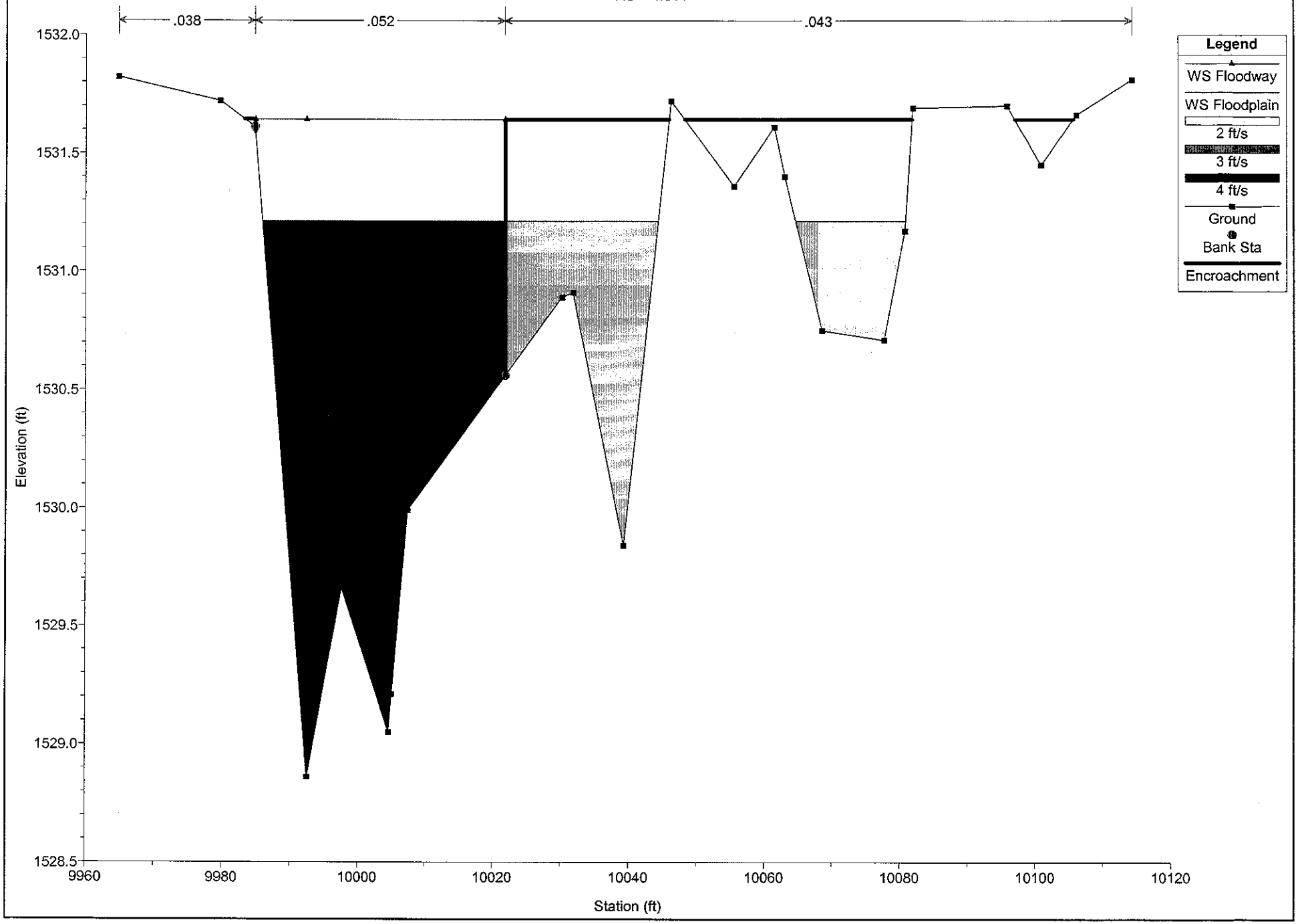



Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005
RS = 4.423
.038
.052
.043
Legend
WS Floodway
WS Floodplain
3 ft/s
4 ft/s
5 ft/s
6 ft/s
Ground
Bank Sta
Encroachment
Elevation (ft)
1539
1538
1537
1536
1535
1534
1533
9900
9950
10000
10050
10100
10150
Station (ft)


Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005
RS = 4.378
.038
.052
.043
Legend
WS Floodway
WS Floodplain
1 ft/s
2 ft/s
3 ft/s
4 ft/s
Ground
Bank Sta
Encroachment
Elevation (ft)
1538
1537
1536
1535
1534
1533
1532
1531
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

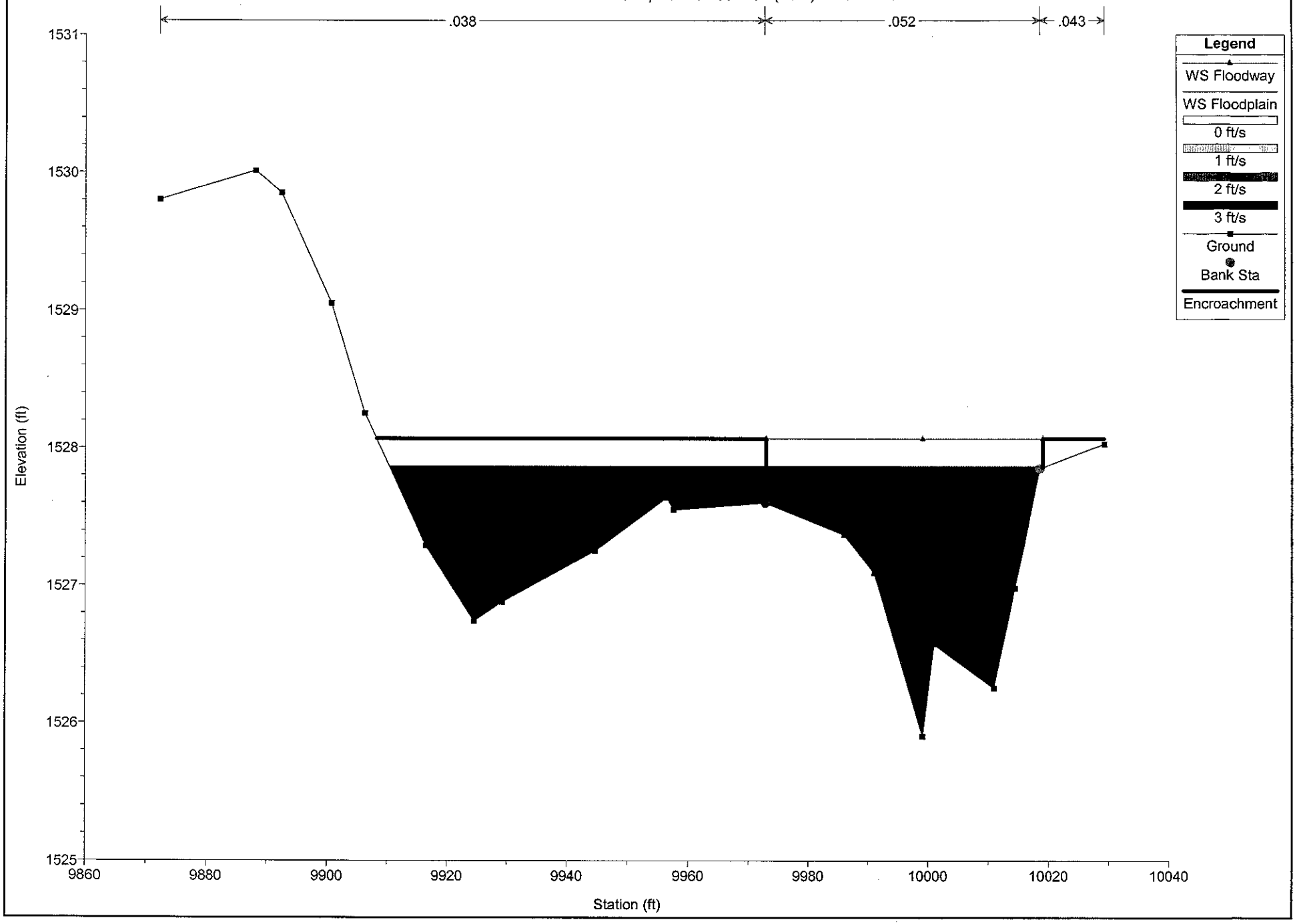
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

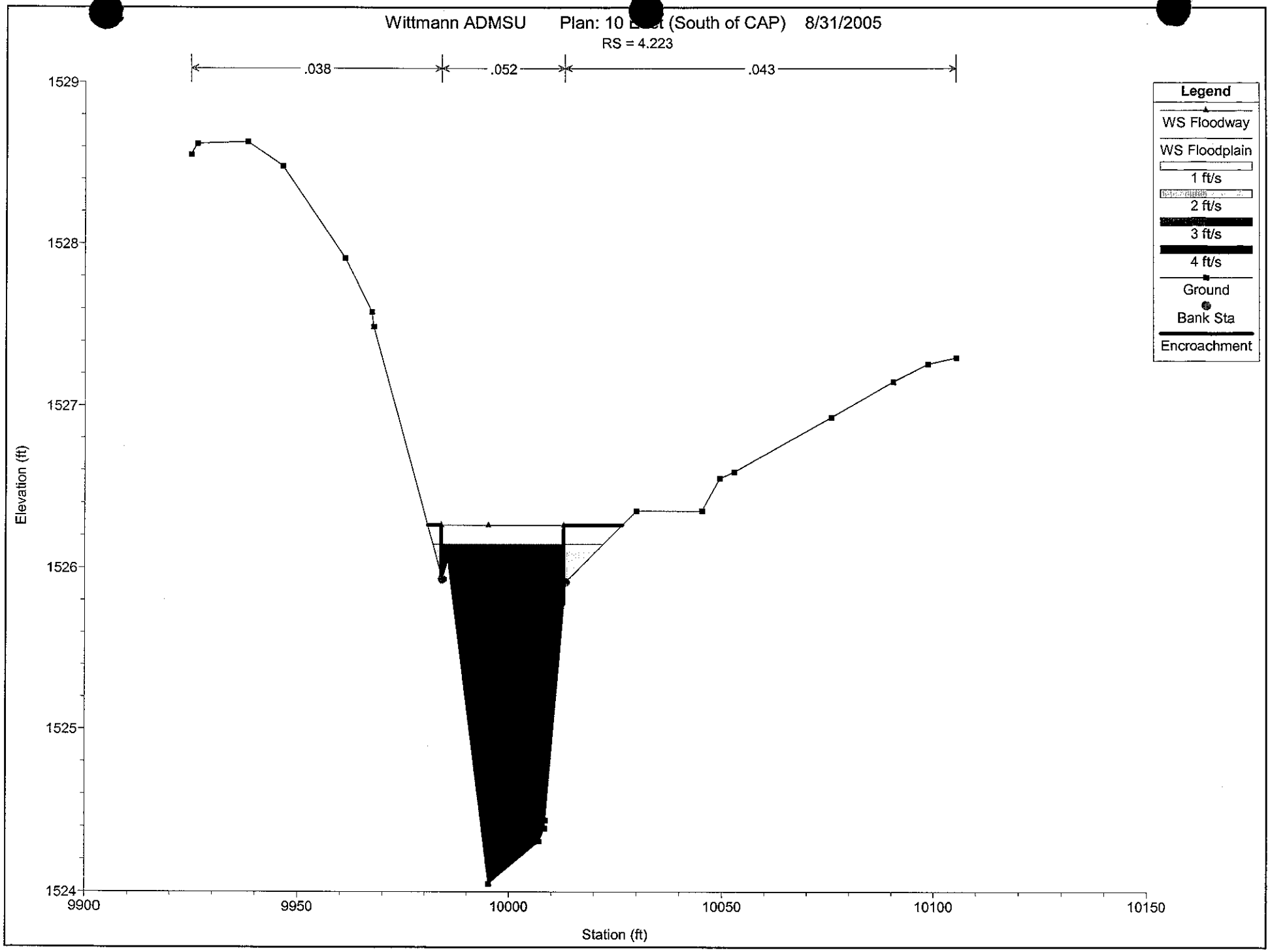
RS = 4.314

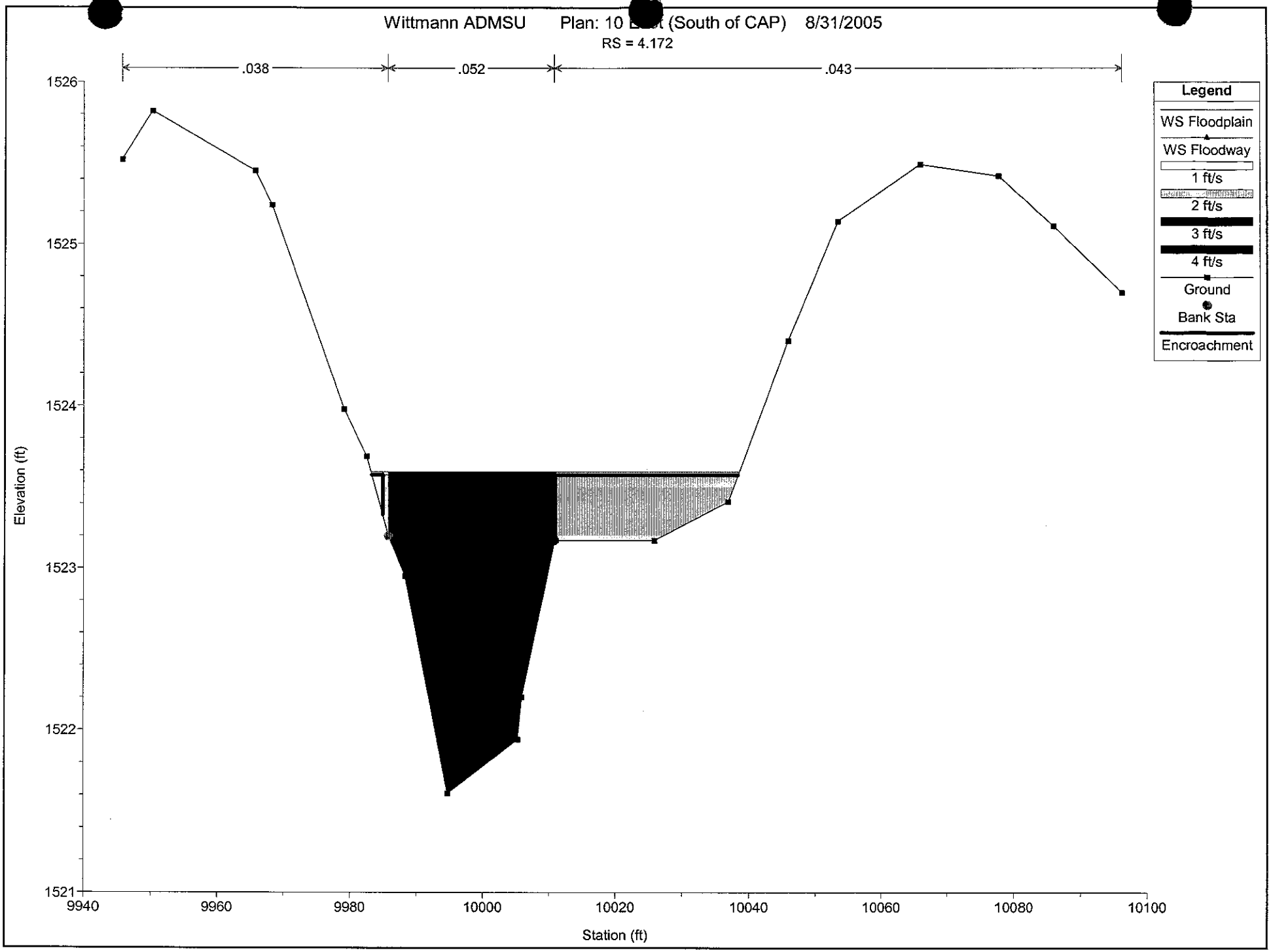


Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 4.253 This cross section was copied into wash 10E (ES-1). The FP elev

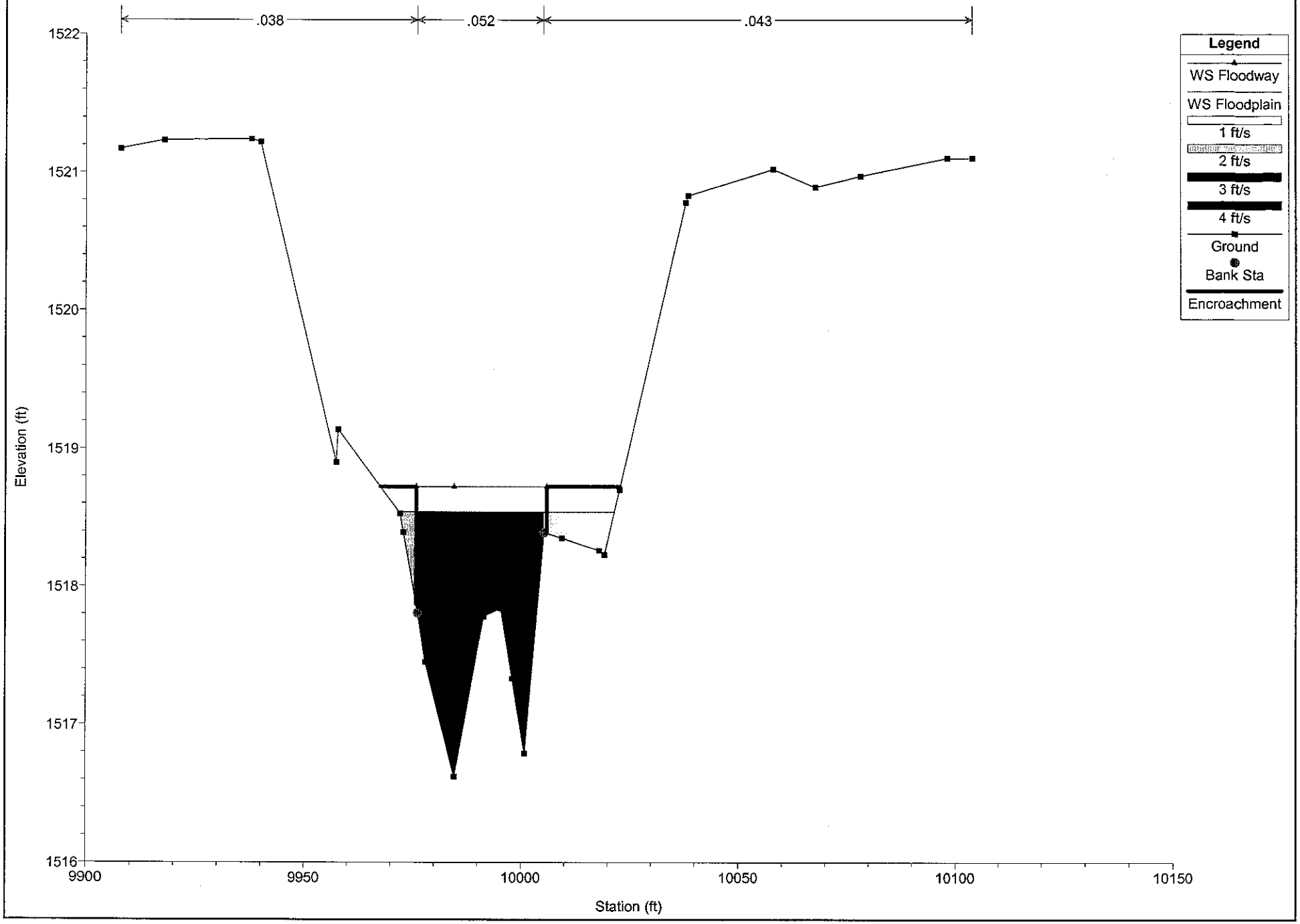



Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005
RS = 4.223
.038
.052
.043
Legend
WS Floodway
WS Floodplain
1 ft/s
2 ft/s
3 ft/s
4 ft/s
Ground
Bank Sta
Encroachment
Elevation (ft)
1529
1528
1527
1526
1525
1524
9900
9950
10000
10050
10100
10150
Station (ft)


Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005
RS = 4.172
.038
.052
.043
Legend
WS Floodplain
WS Floodway
1 ft/s
2 ft/s
3 ft/s
4 ft/s
Ground
Bank Sta
Encroachment
Elevation (ft)
1526
1525
1524
1523
1522
1521
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

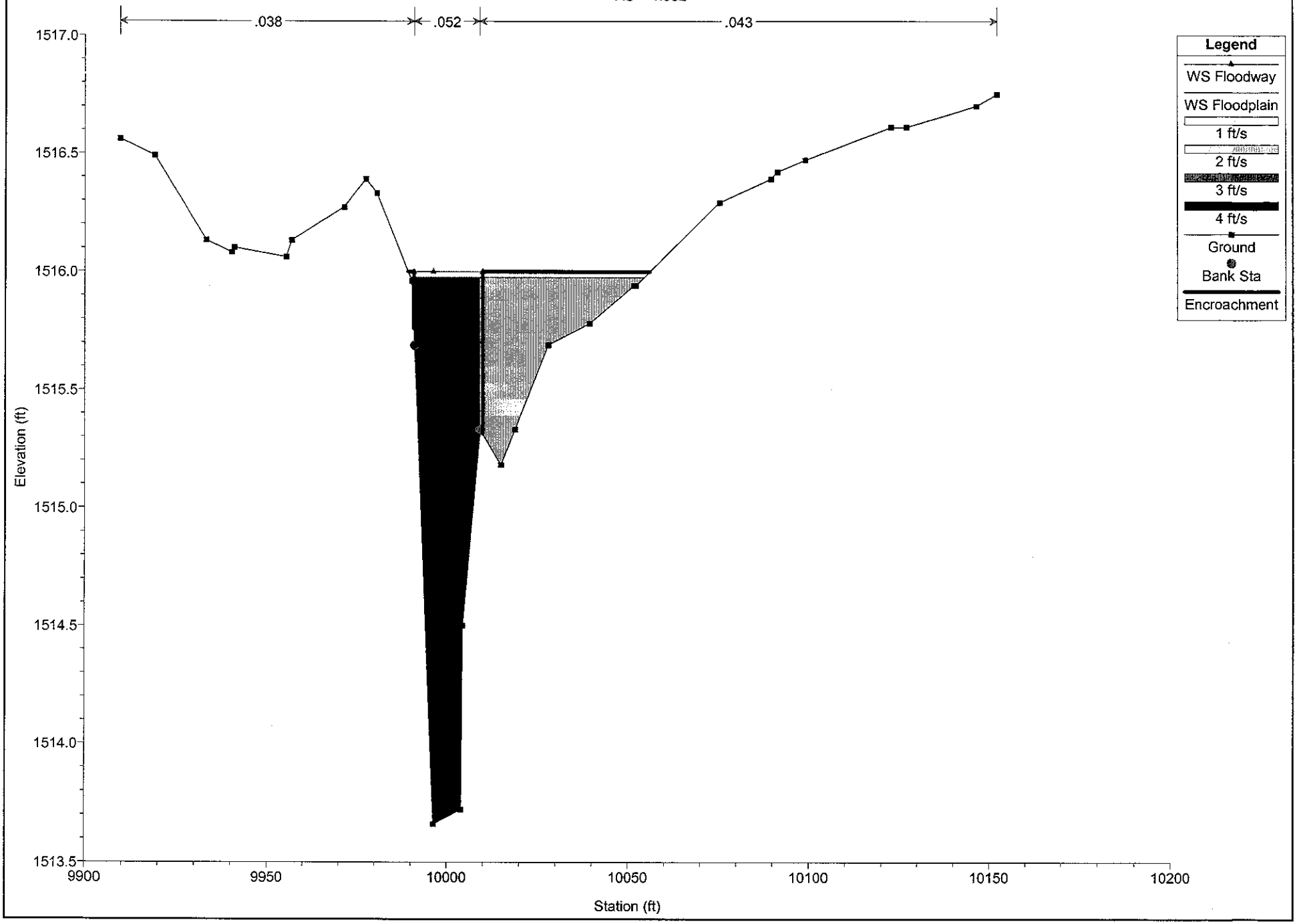
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 4.094



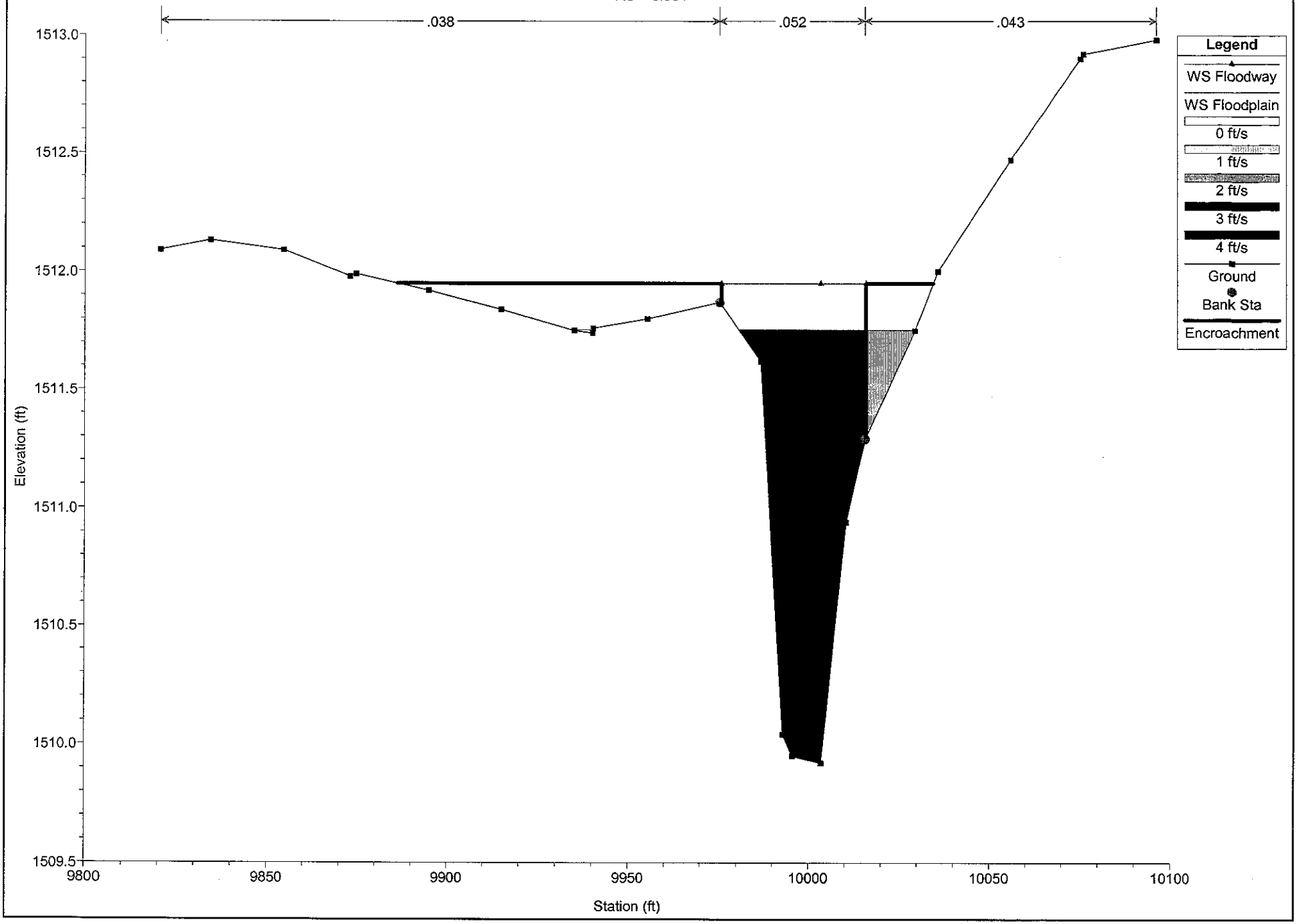
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 4.052



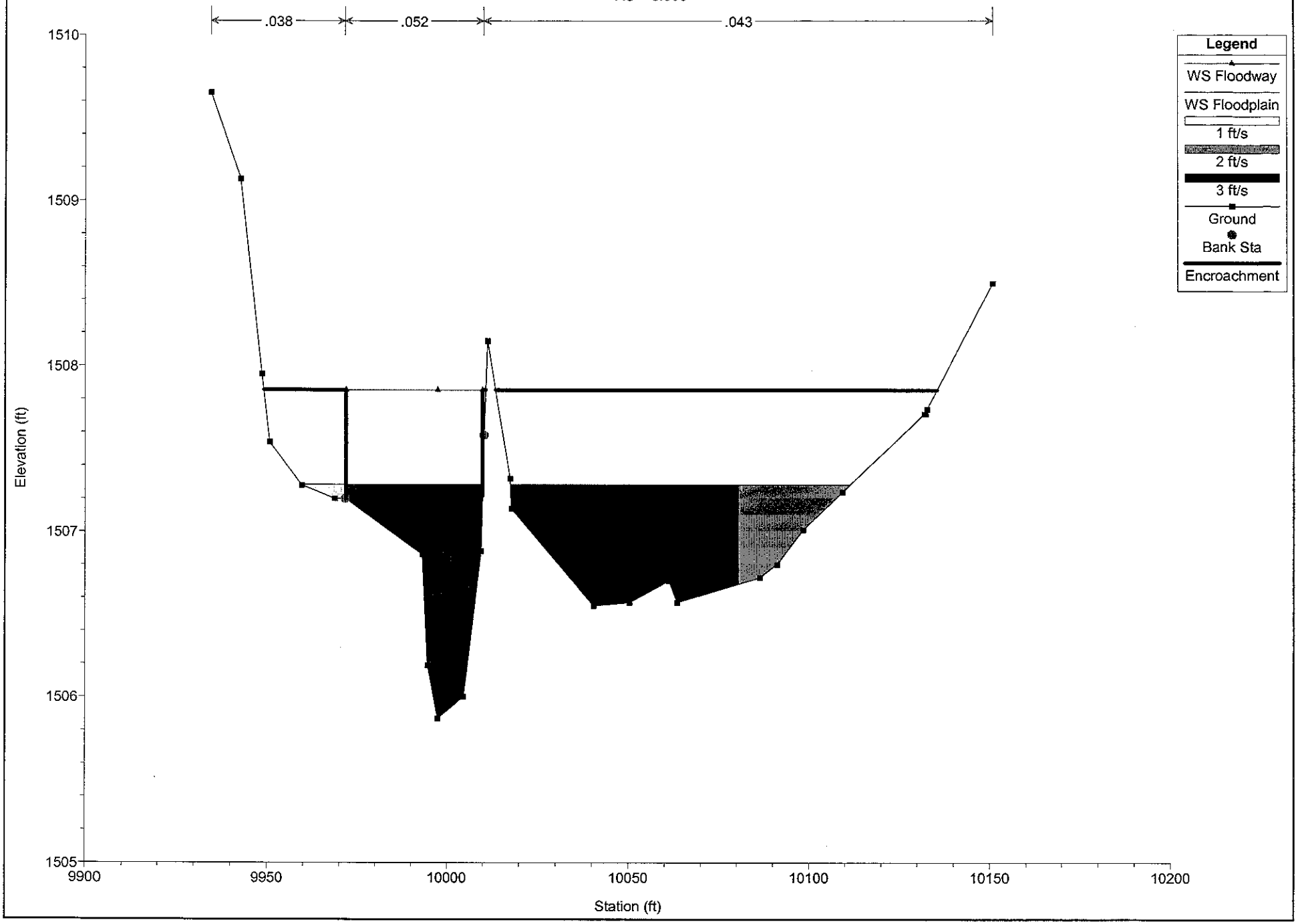
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 3.984



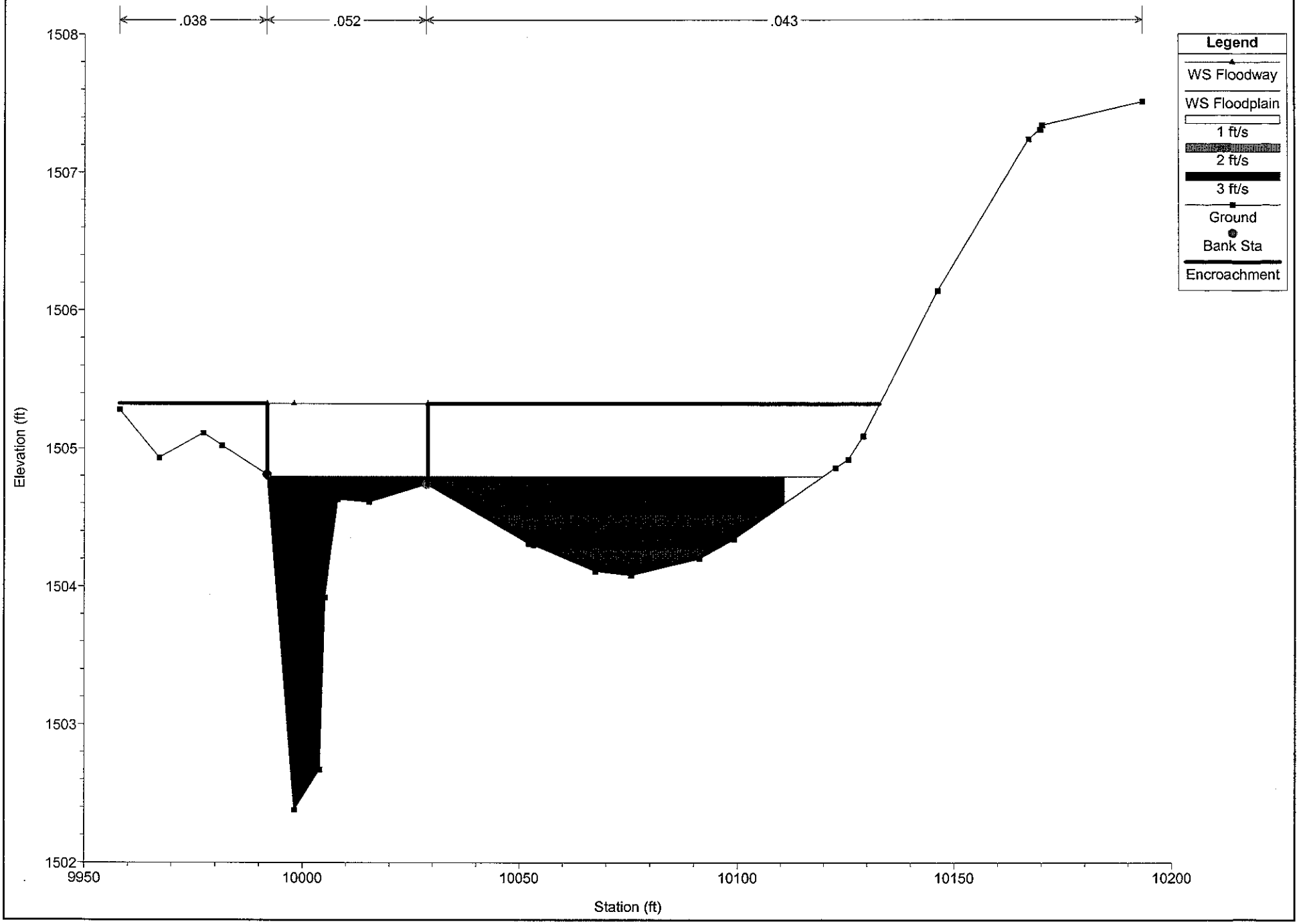
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 3.905



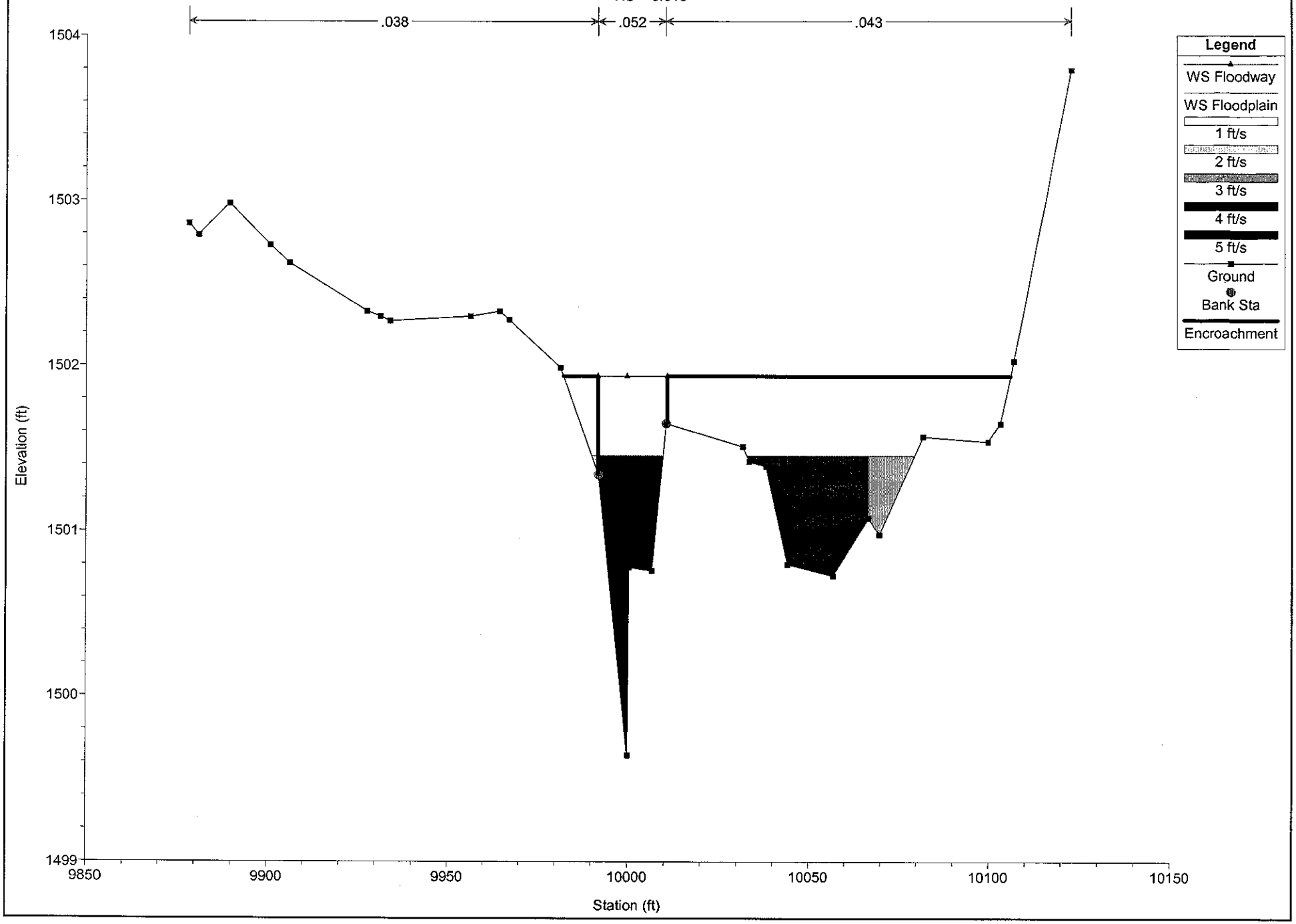
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 3.852



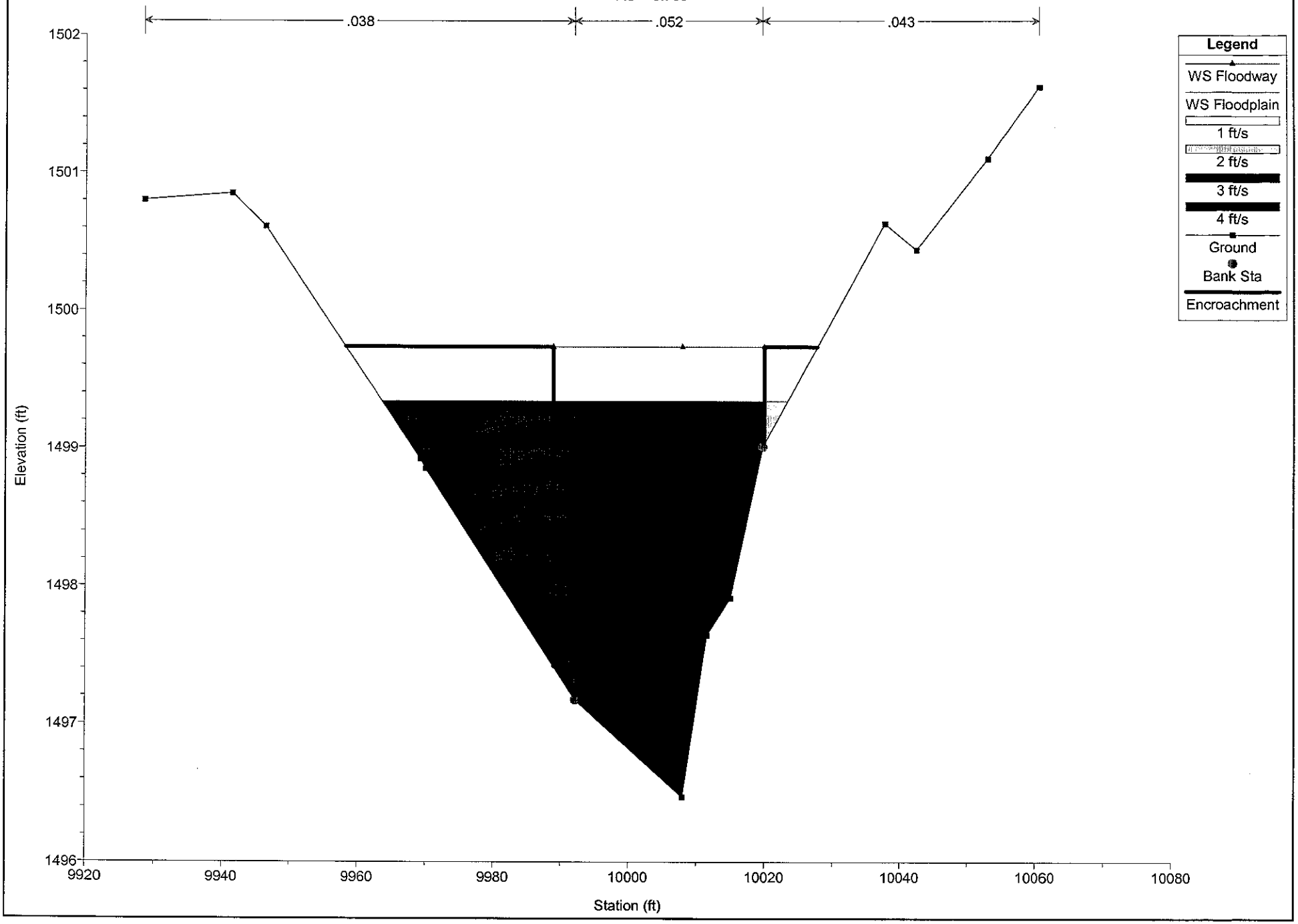
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 3.818



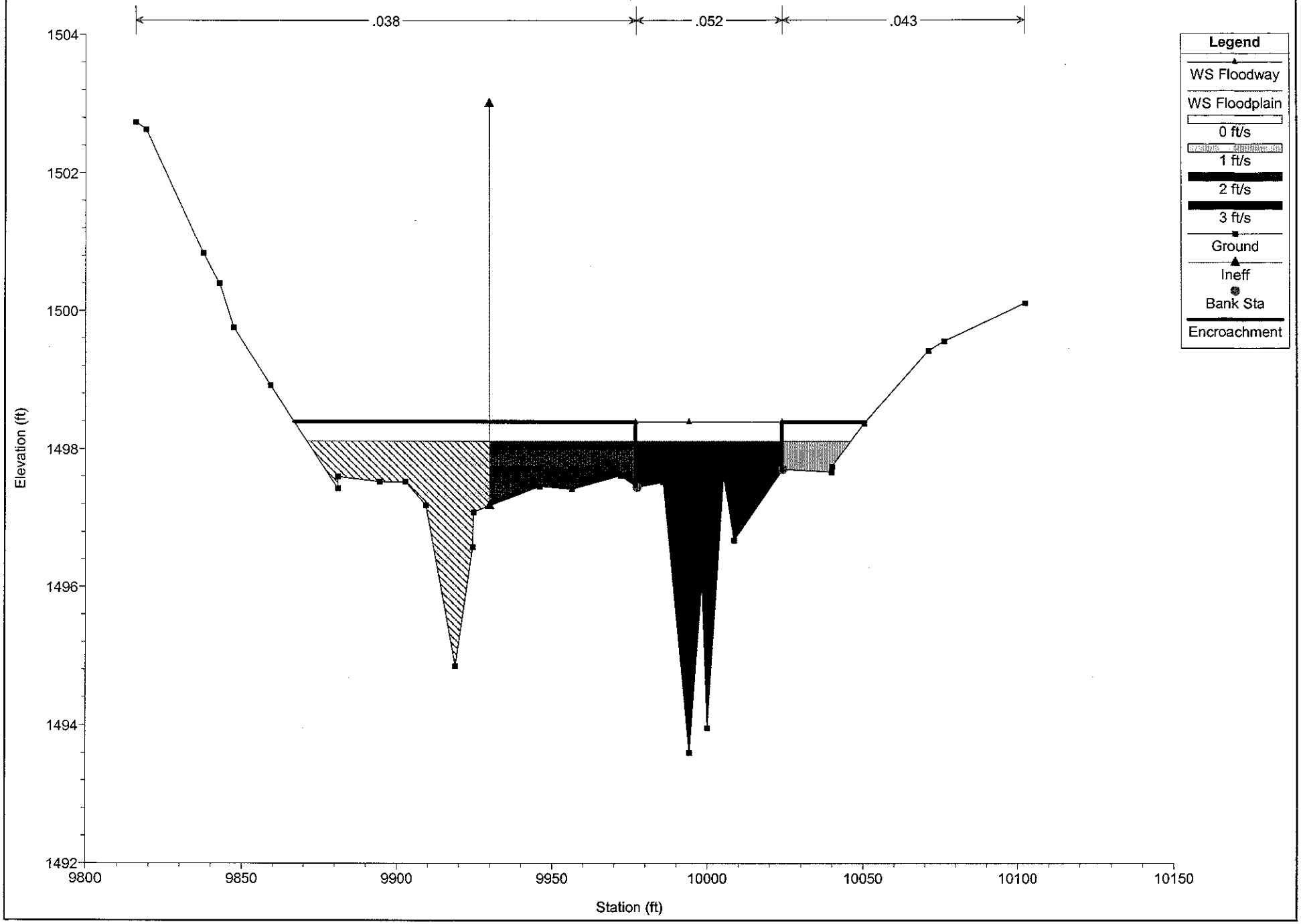
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 3.783



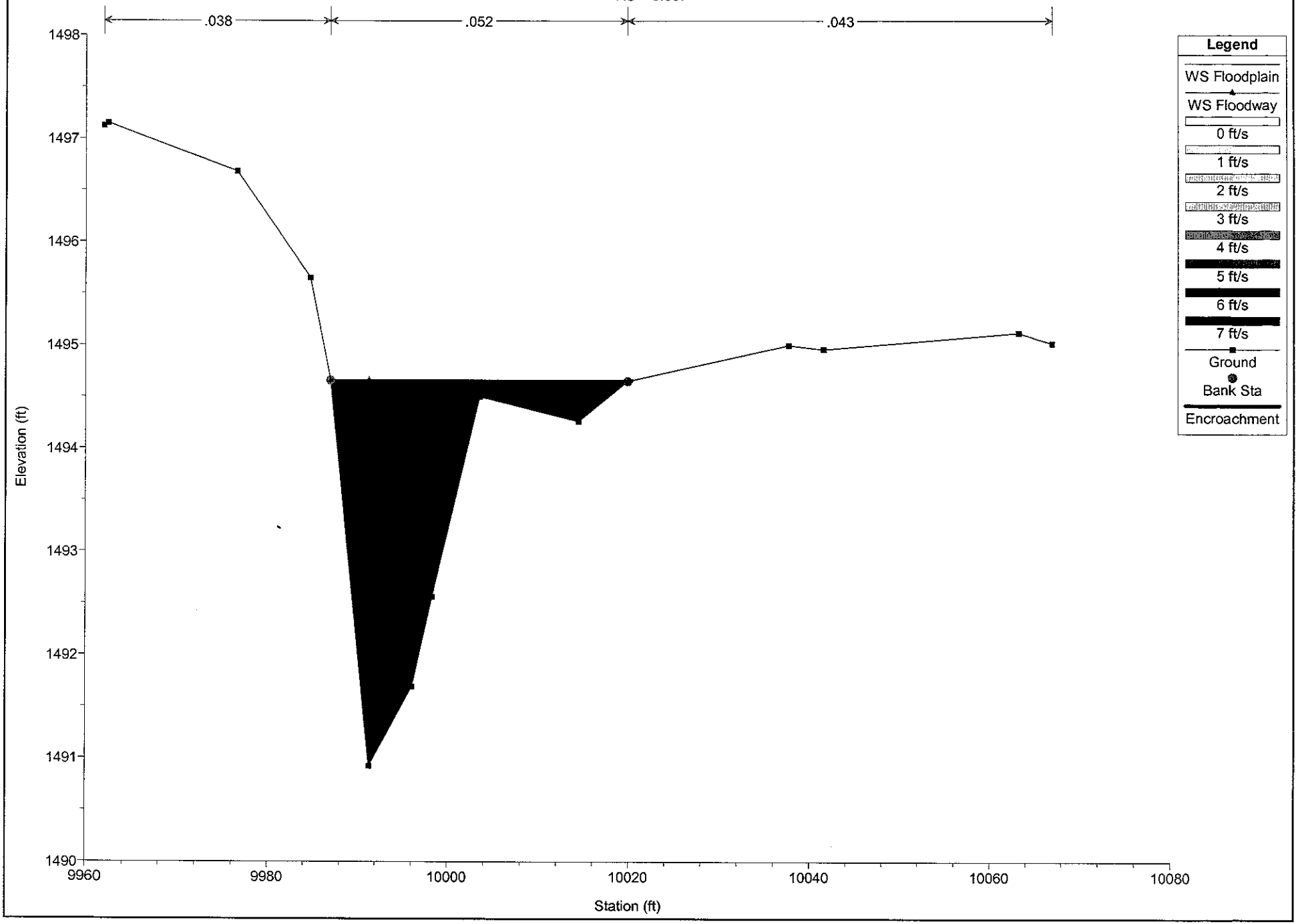
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 3.724



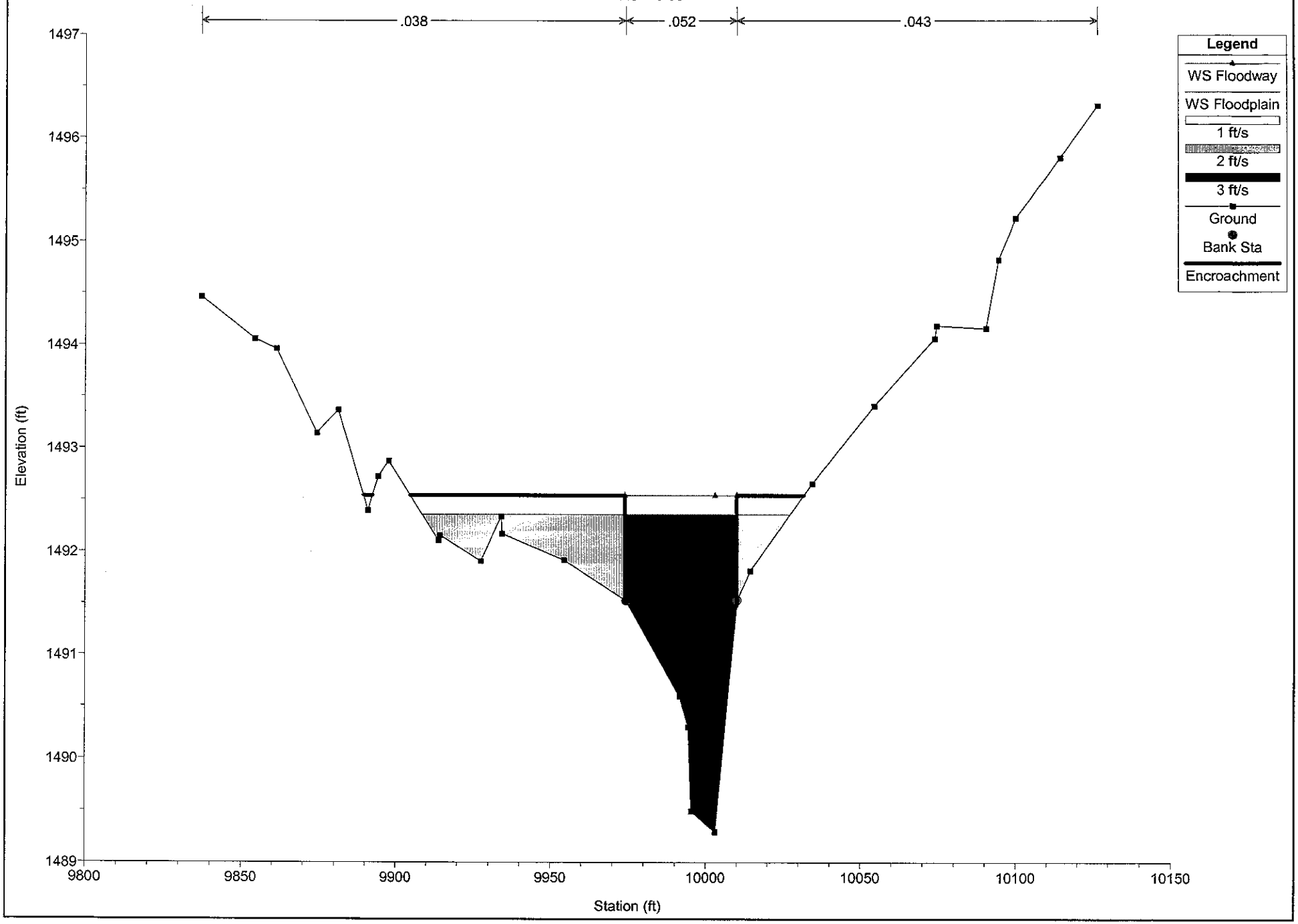
Wittmann ADMSU Plan: 10 [illegible]t (South of CAP) 8/31/2005

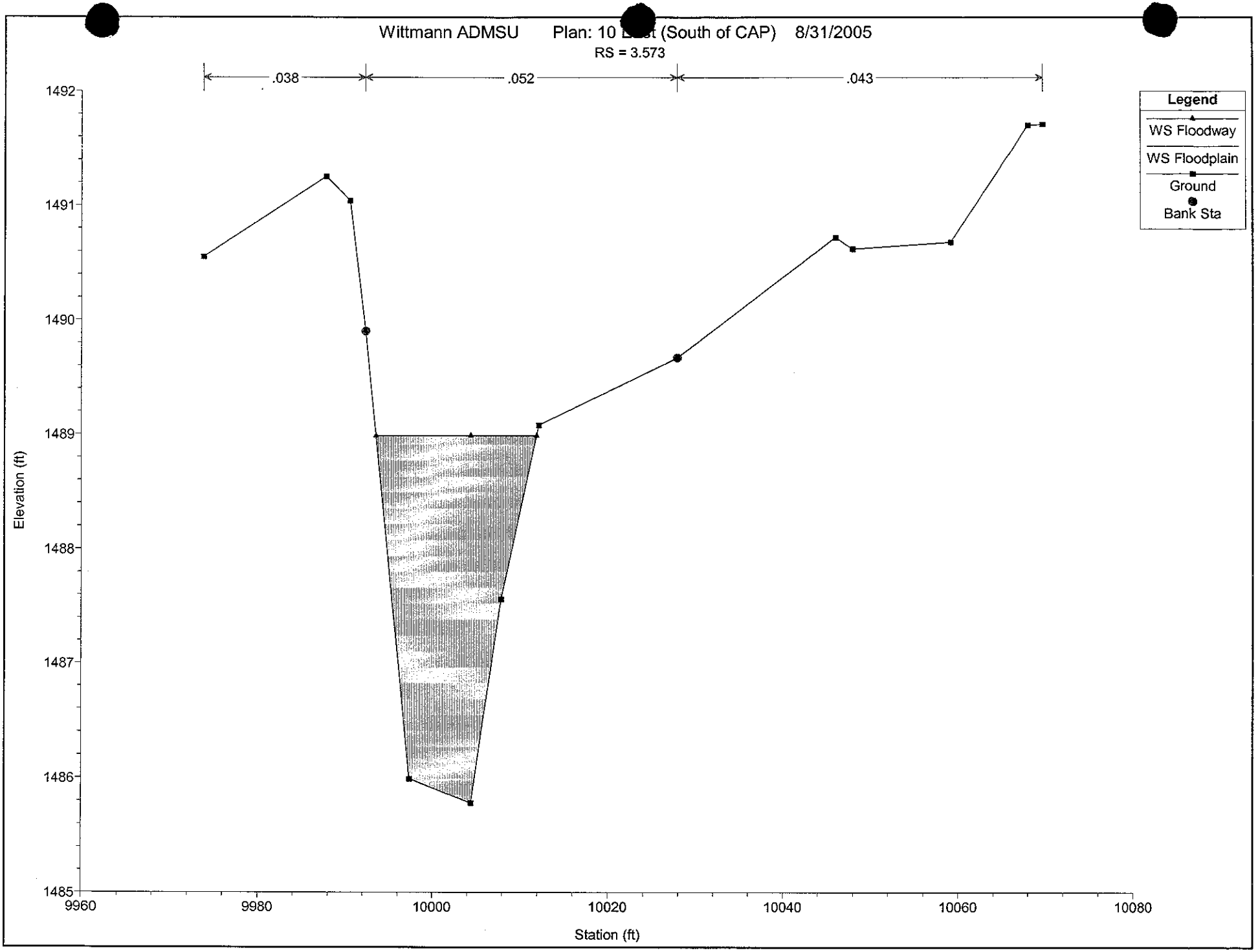
RS = 3.667



Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

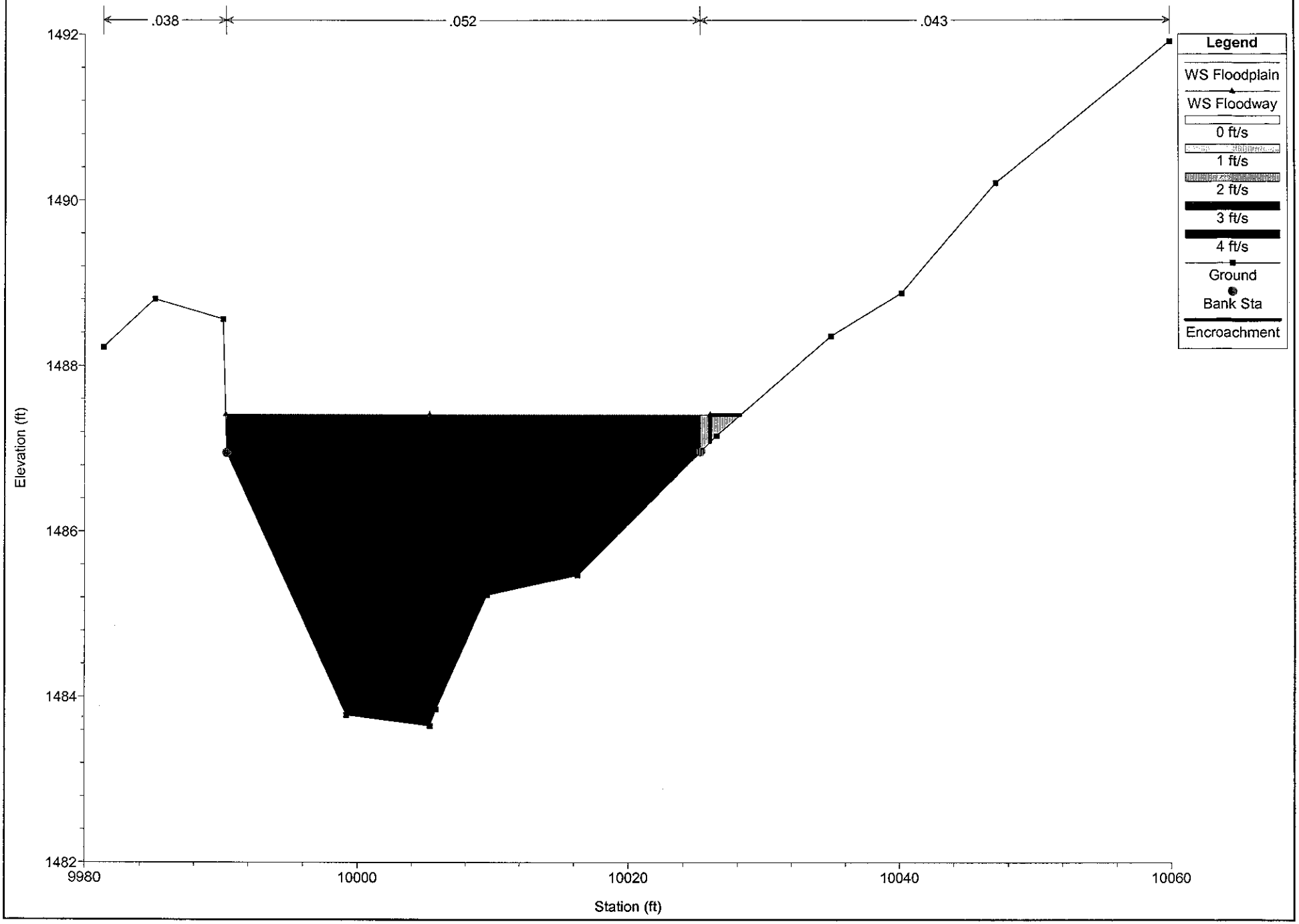
RS = 3.63




Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005
RS = 3.573
.038
.052
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1492
1491
1490
1489
1488
1487
1486
1485
9960
9980
10000
10020
10040
10060
10080
Station (ft)

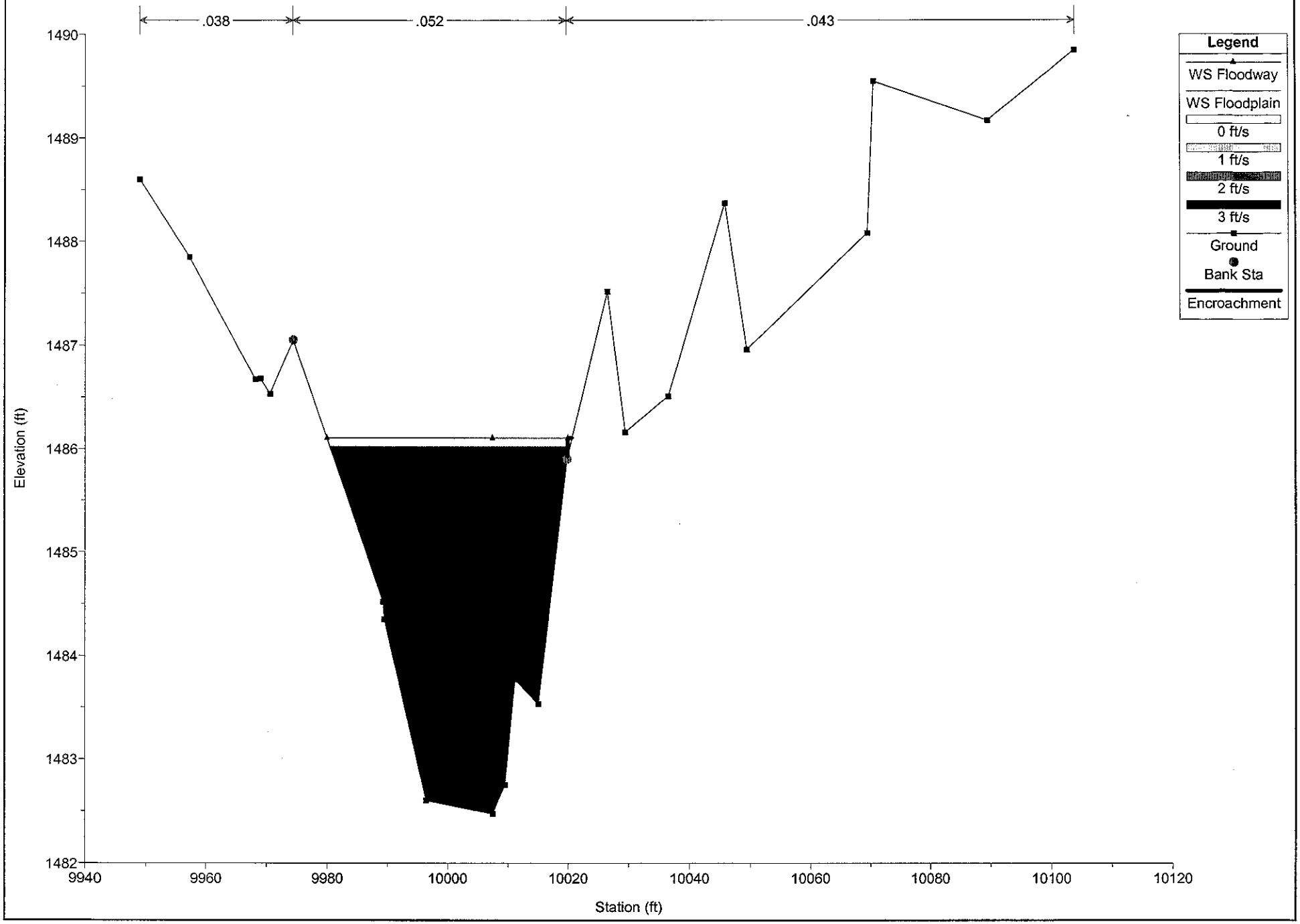
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 3.538



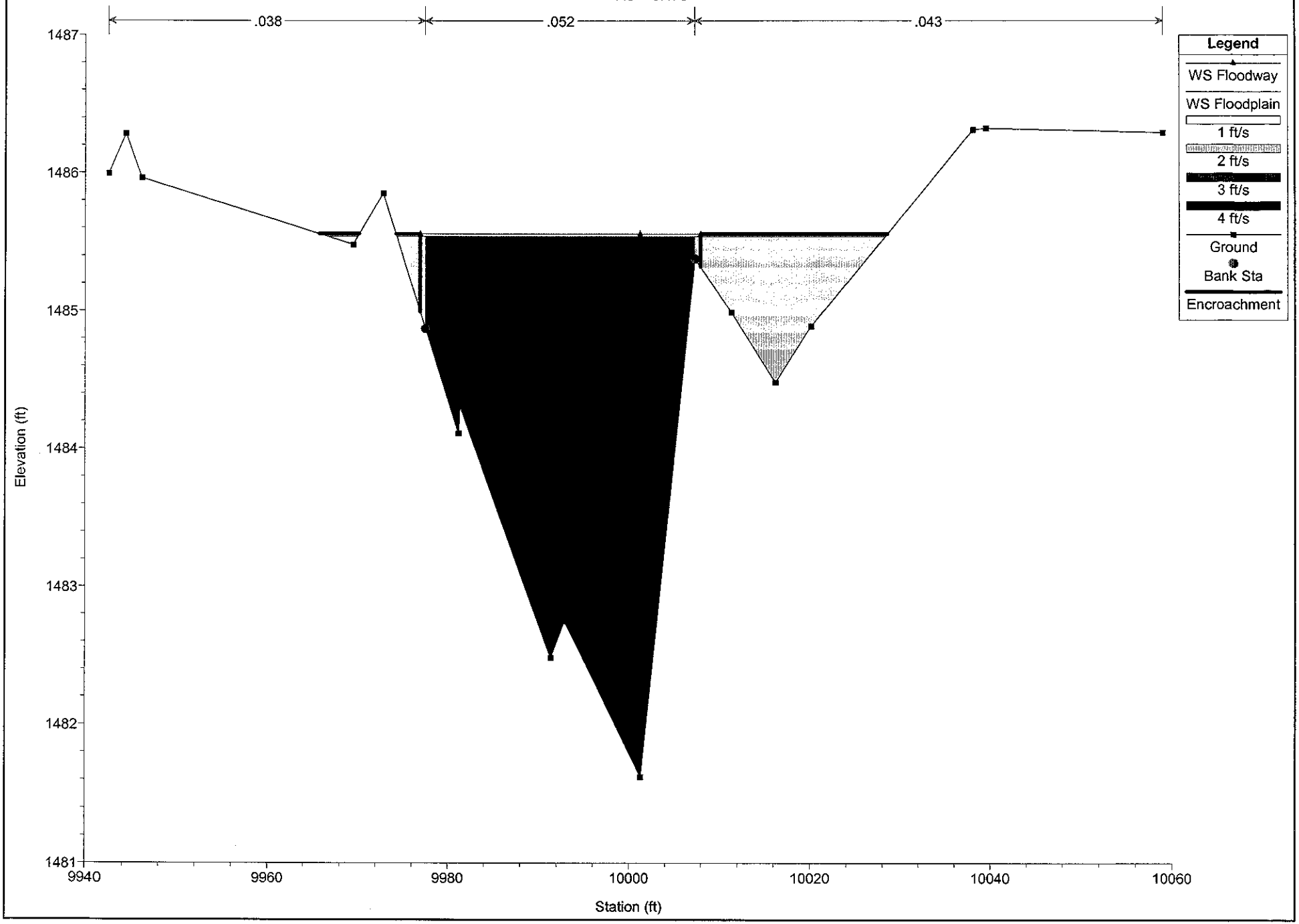
Wittmann ADMSU Plan: 10 [illegible]t (South of CAP) 8/31/2005

RS = 3.488



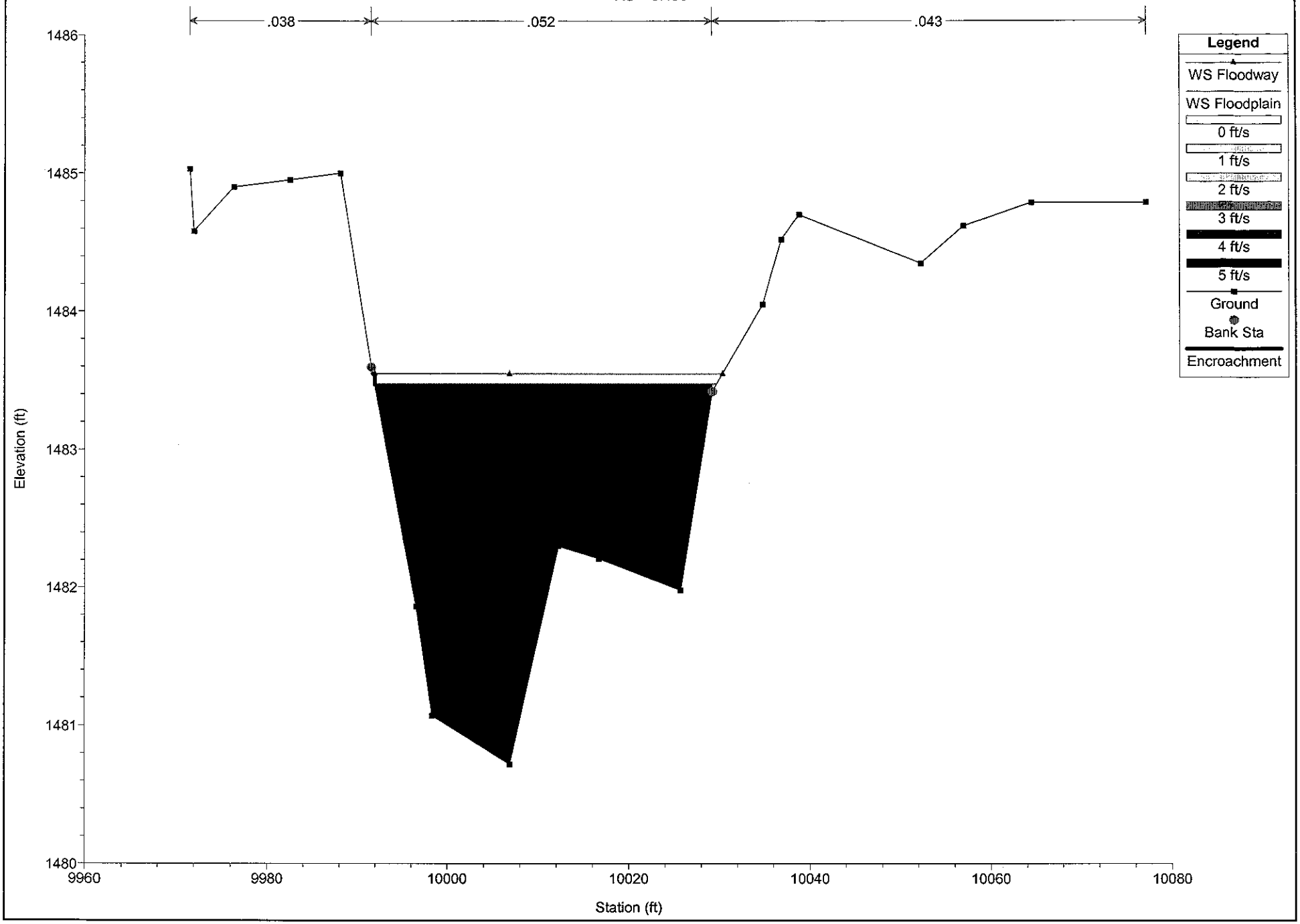
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 3.473



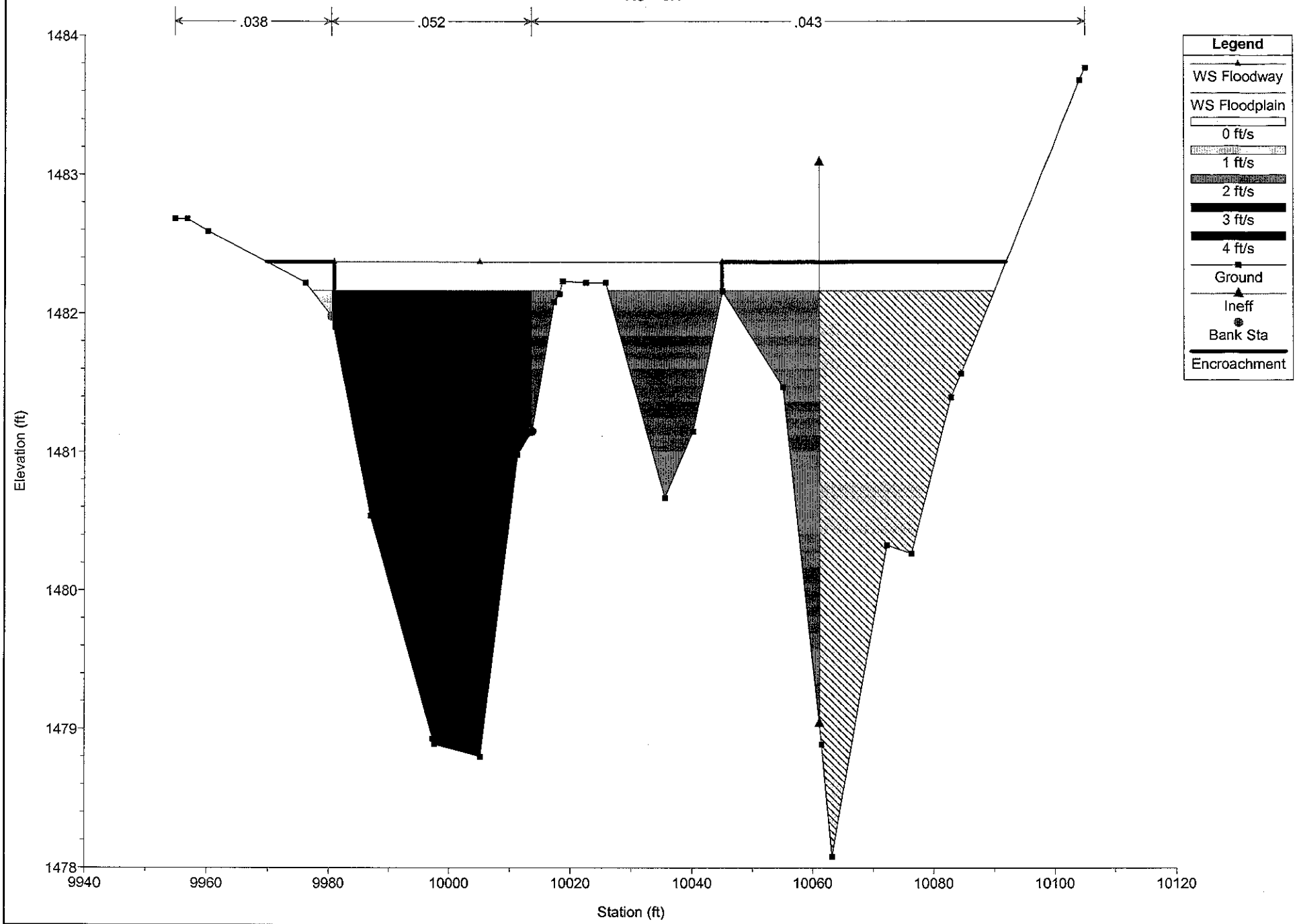
Wittmann ADMSU Plan: 10 [illegible]t (South of CAP) 8/31/2005

RS = 3.436



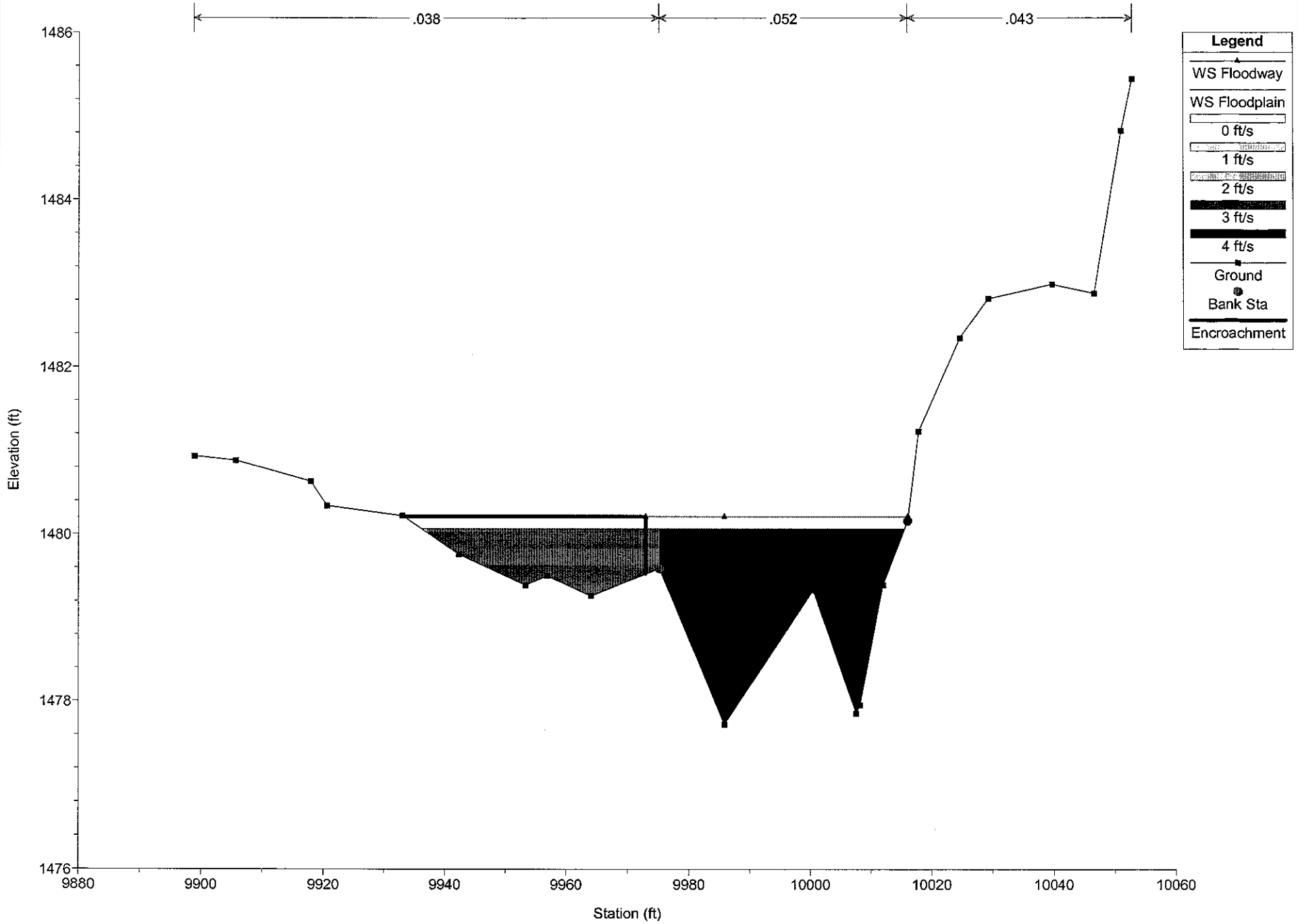
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 3.4



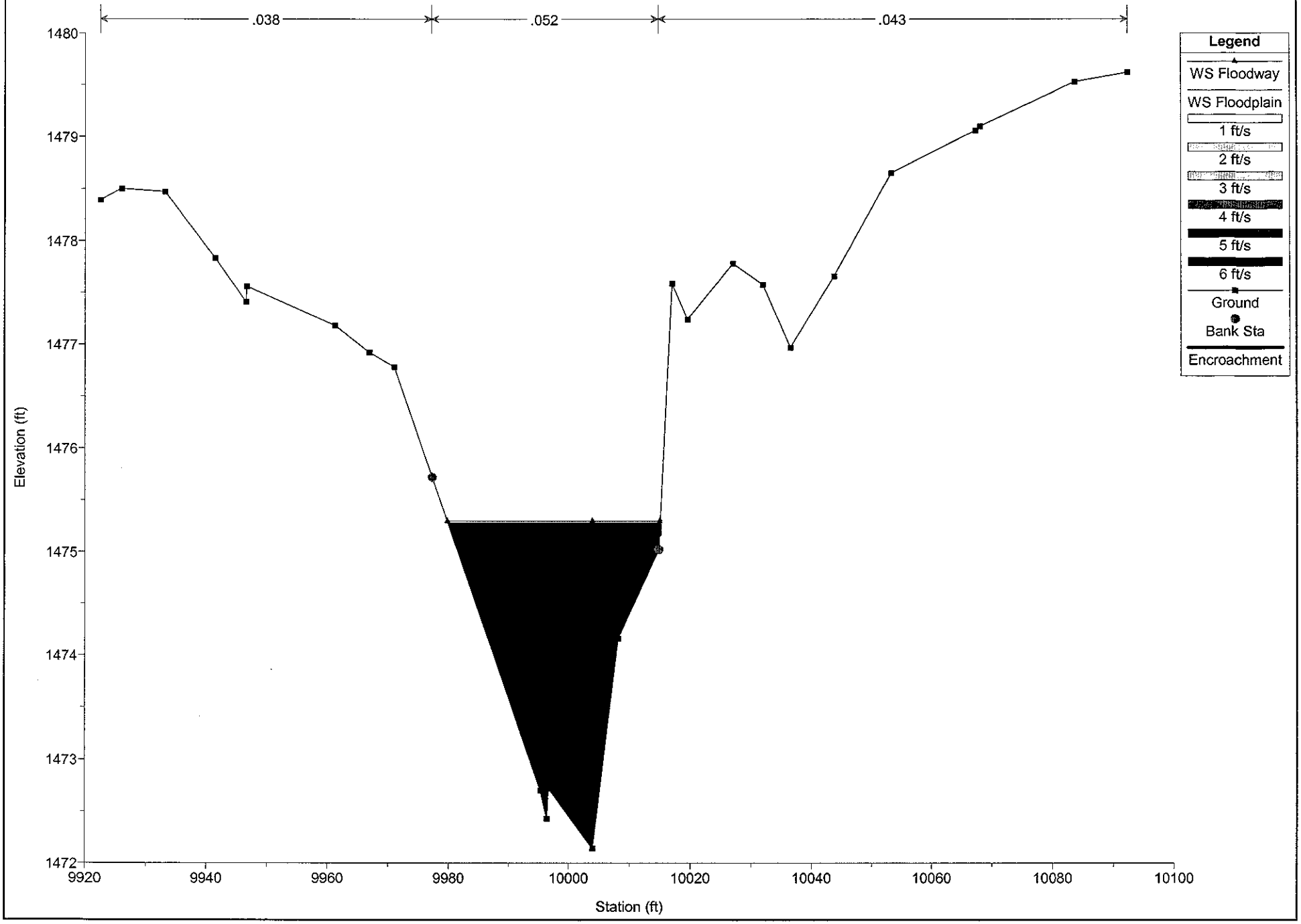
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 3.349



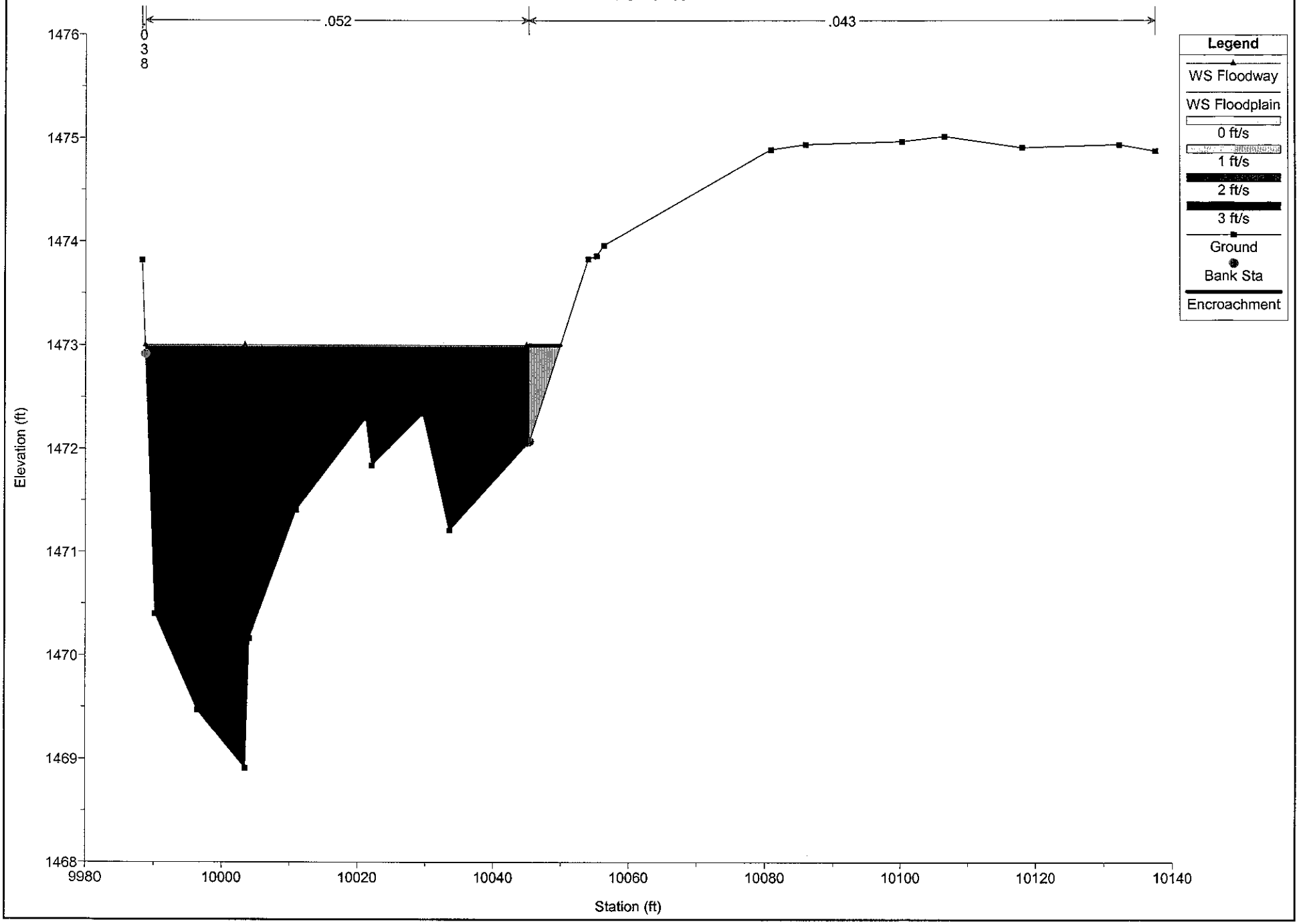
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

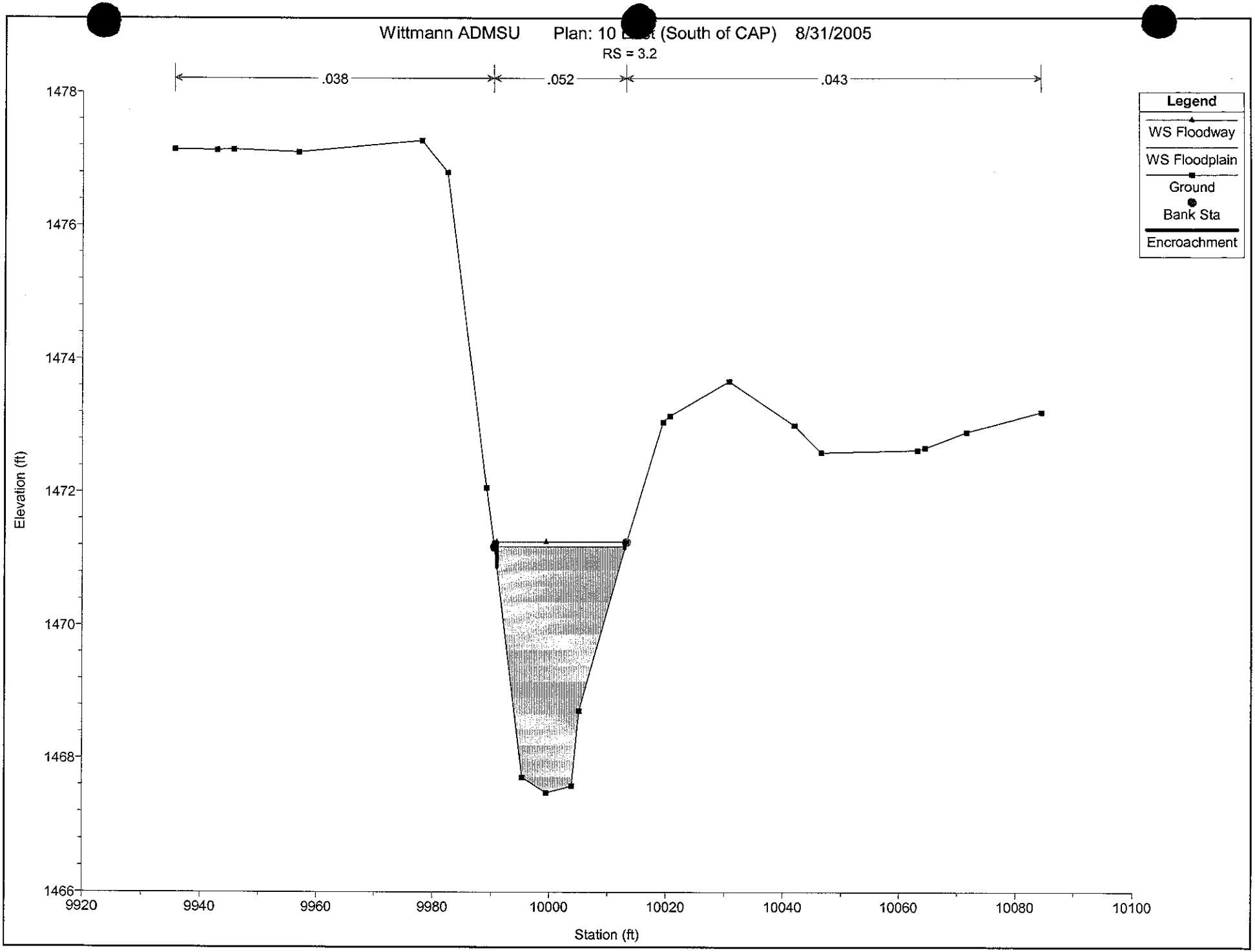
RS = 3.294

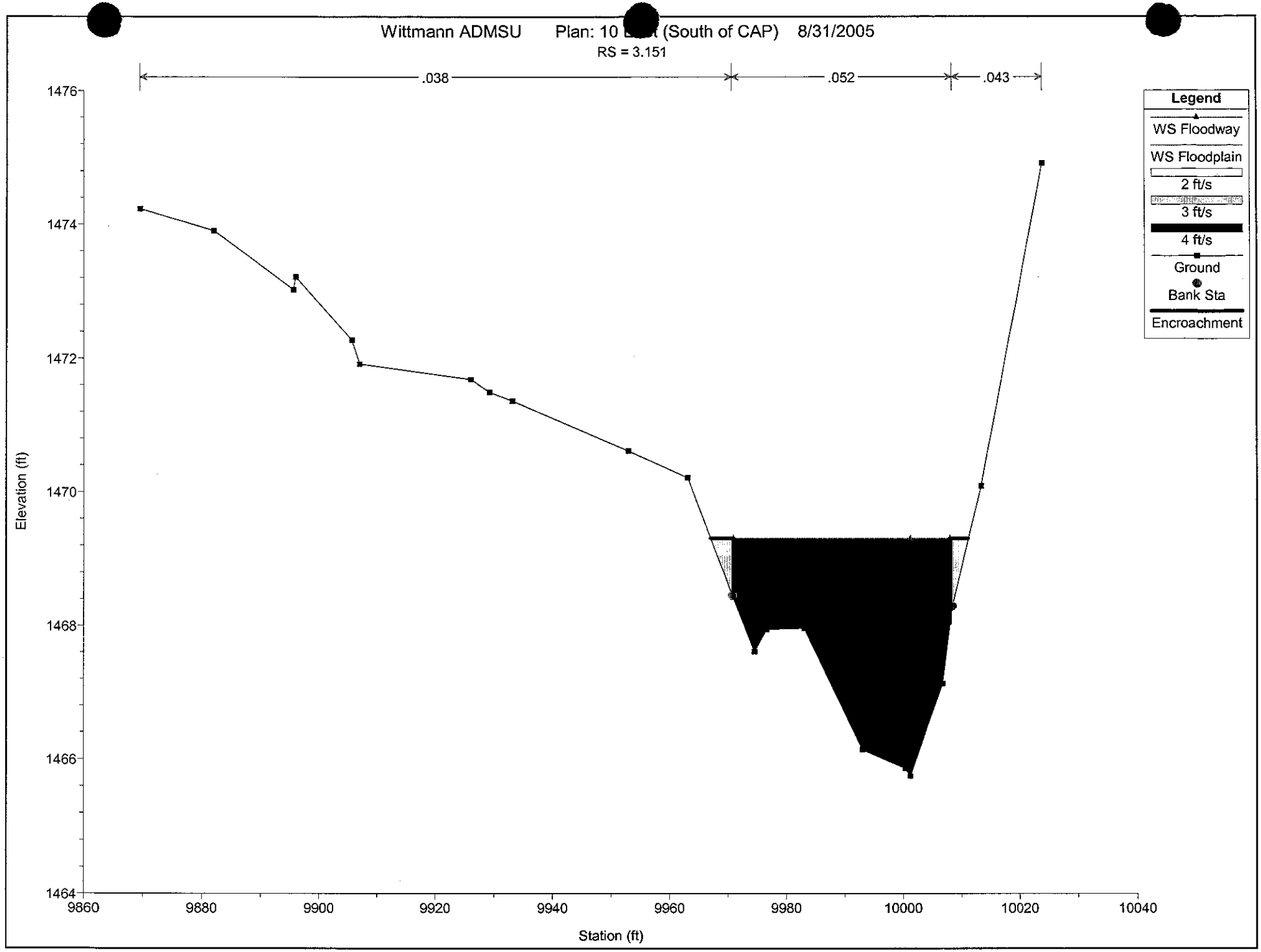


Wittmann ADMSU Plan: 10 [illegible]t (South of CAP) 8/31/2005

RS = 3.235

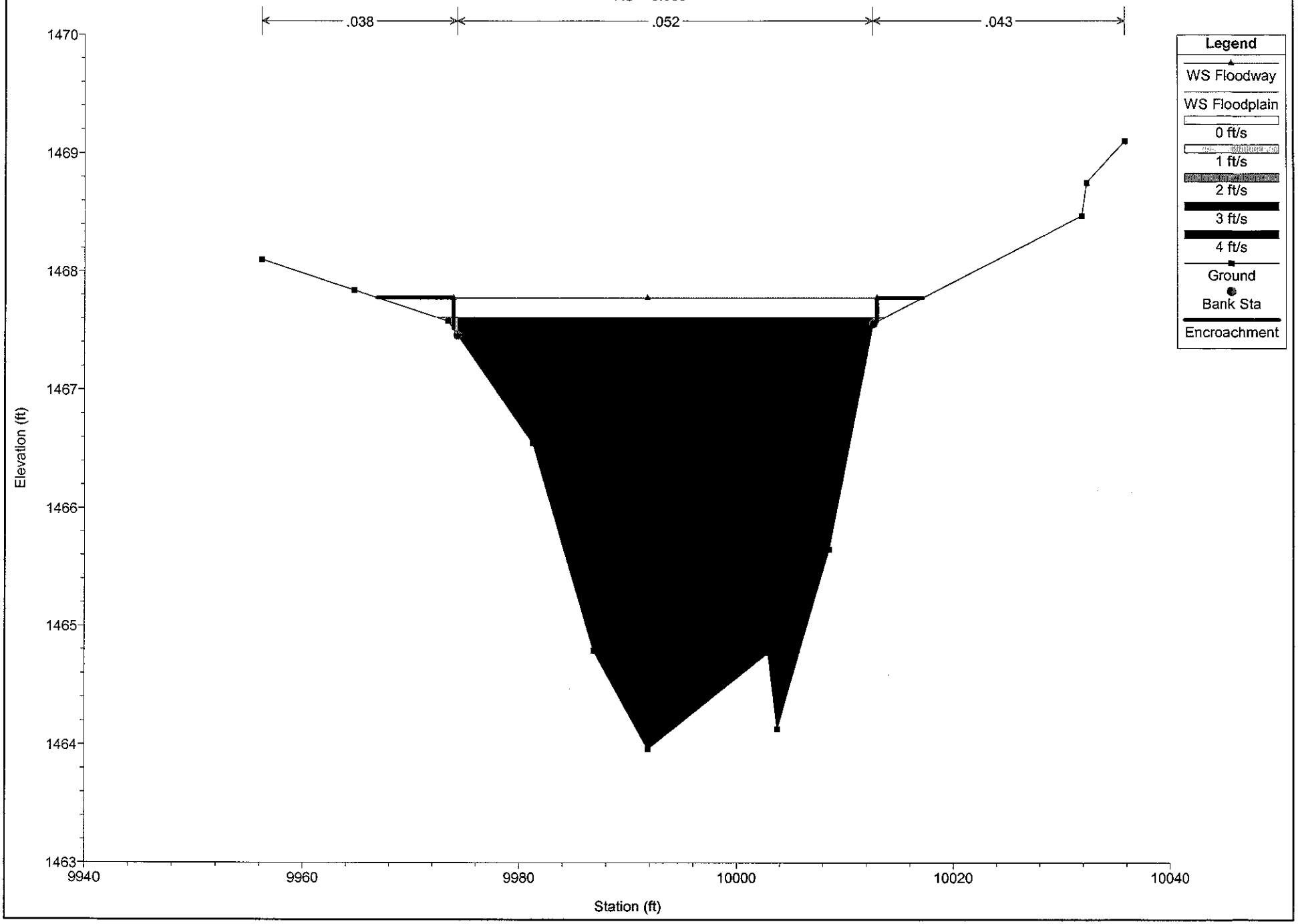



Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005
RS = 3.2
.038
.052
.043
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1478
1476
1474
1472
1470
1468
1466
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)


Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005
RS = 3.151
.038
.052
.043
Legend
WS Floodway
WS Floodplain
2 ft/s
3 ft/s
4 ft/s
Ground
Bank Sta
Encroachment
Elevation (ft)
1476
1474
1472
1470
1468
1466
1464
9860
9880
9900
9920
9940
9960
9980
10000
10020
10040
Station (ft)

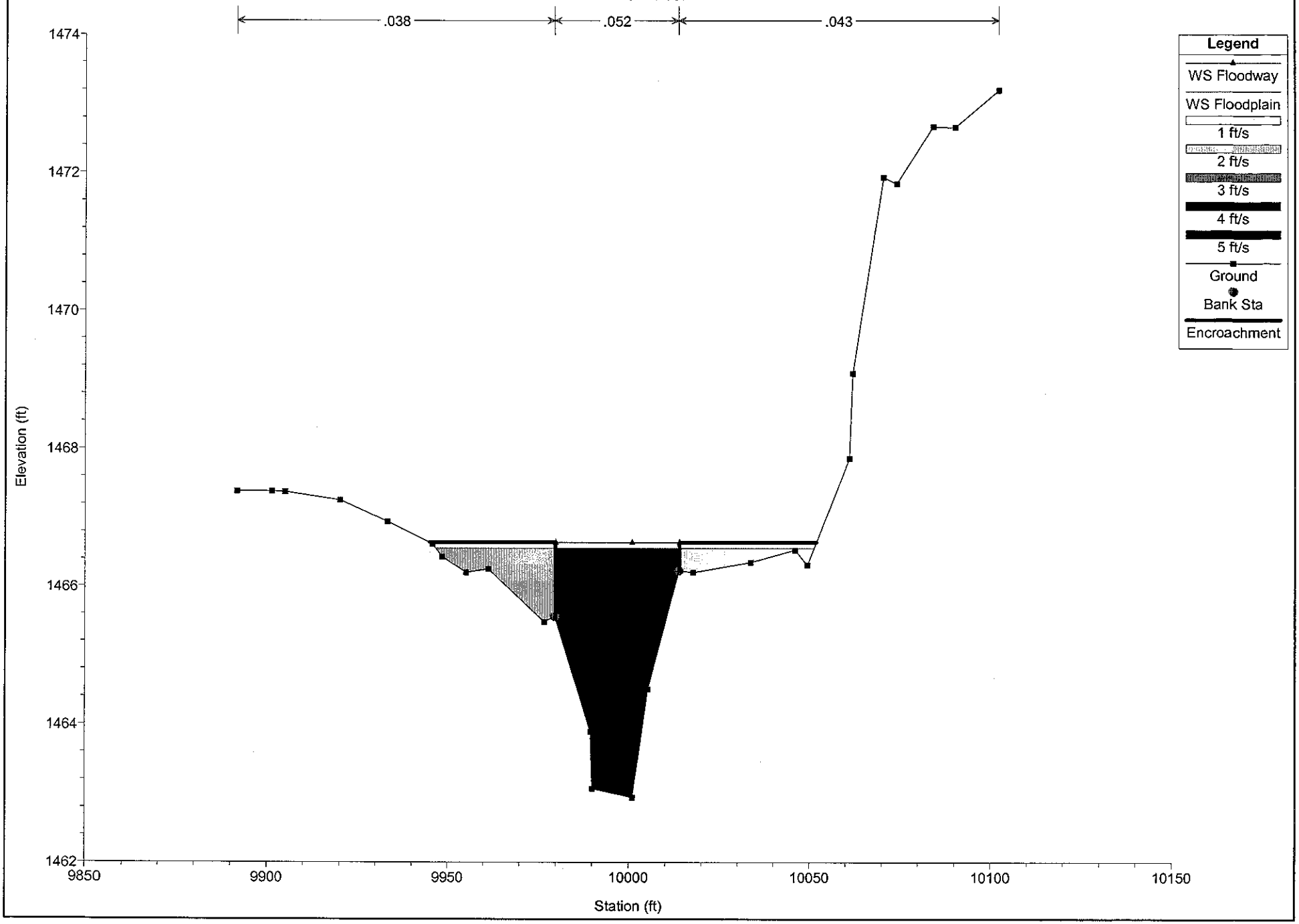
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 3.089



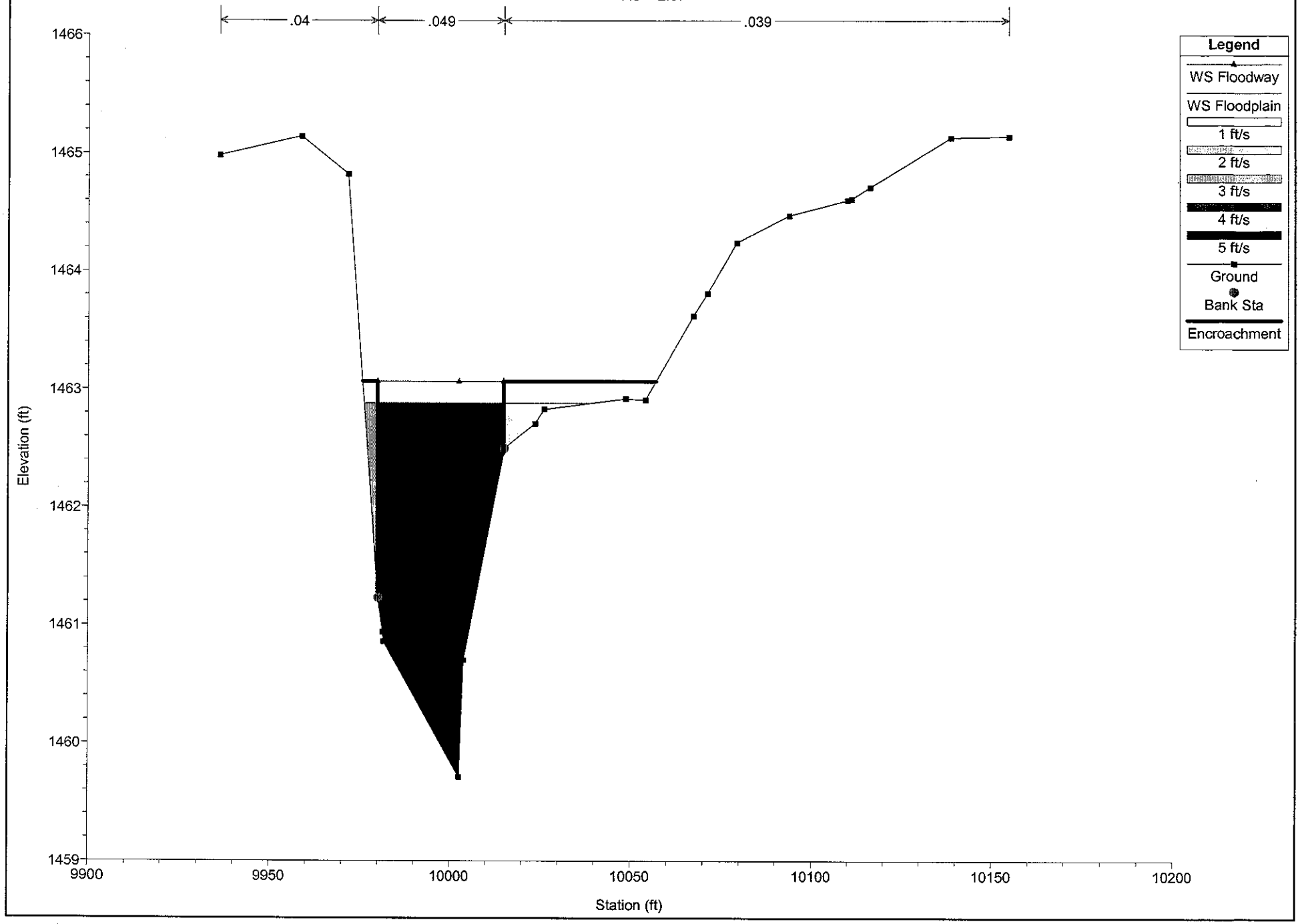
Wittmann ADMSU Plan: 10 [illegible]t (South of CAP) 8/31/2005

RS = 3.057



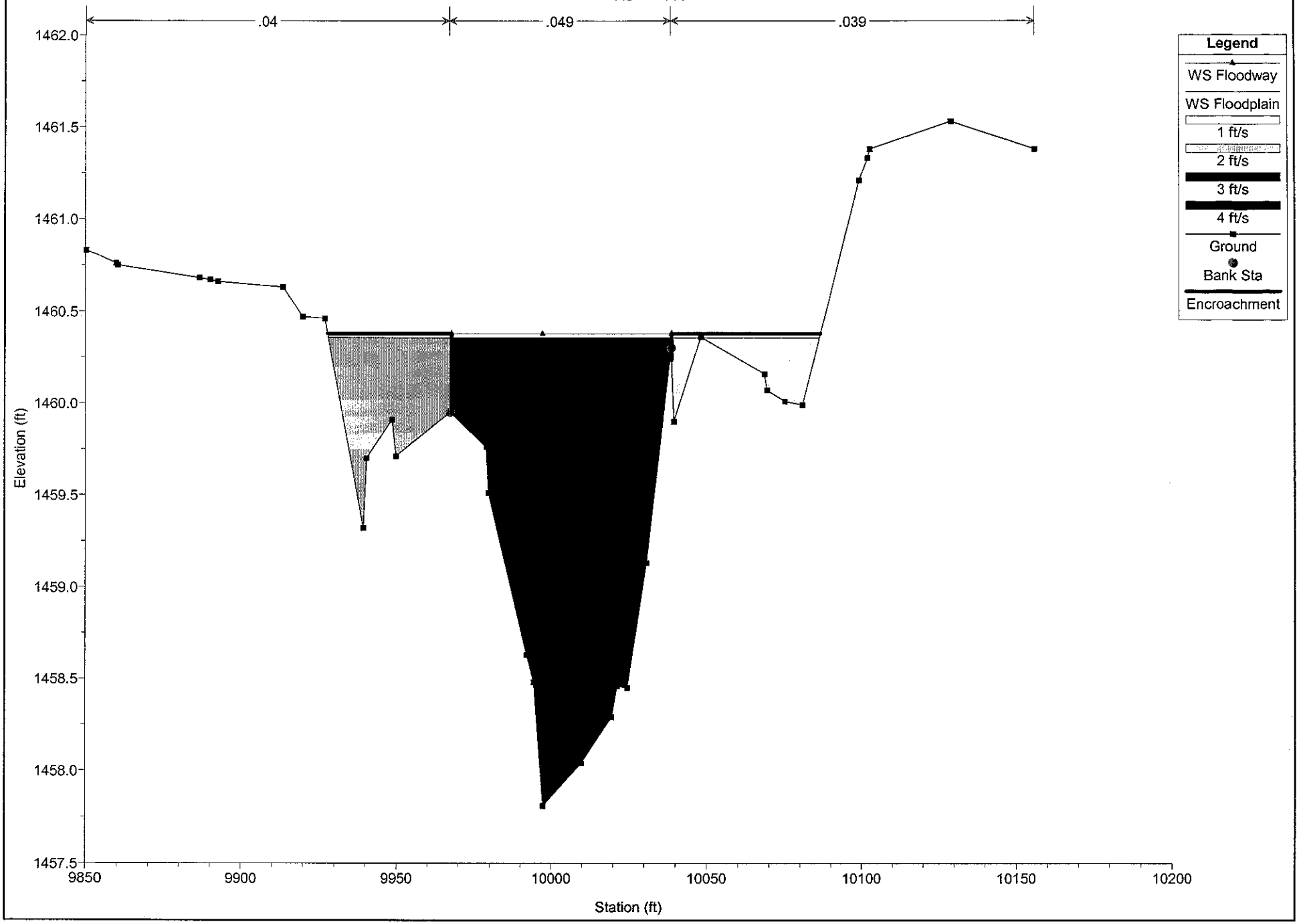
Wittmann ADMSU Plan: 10 [illegible]t (South of CAP) 8/31/2005

RS = 2.97



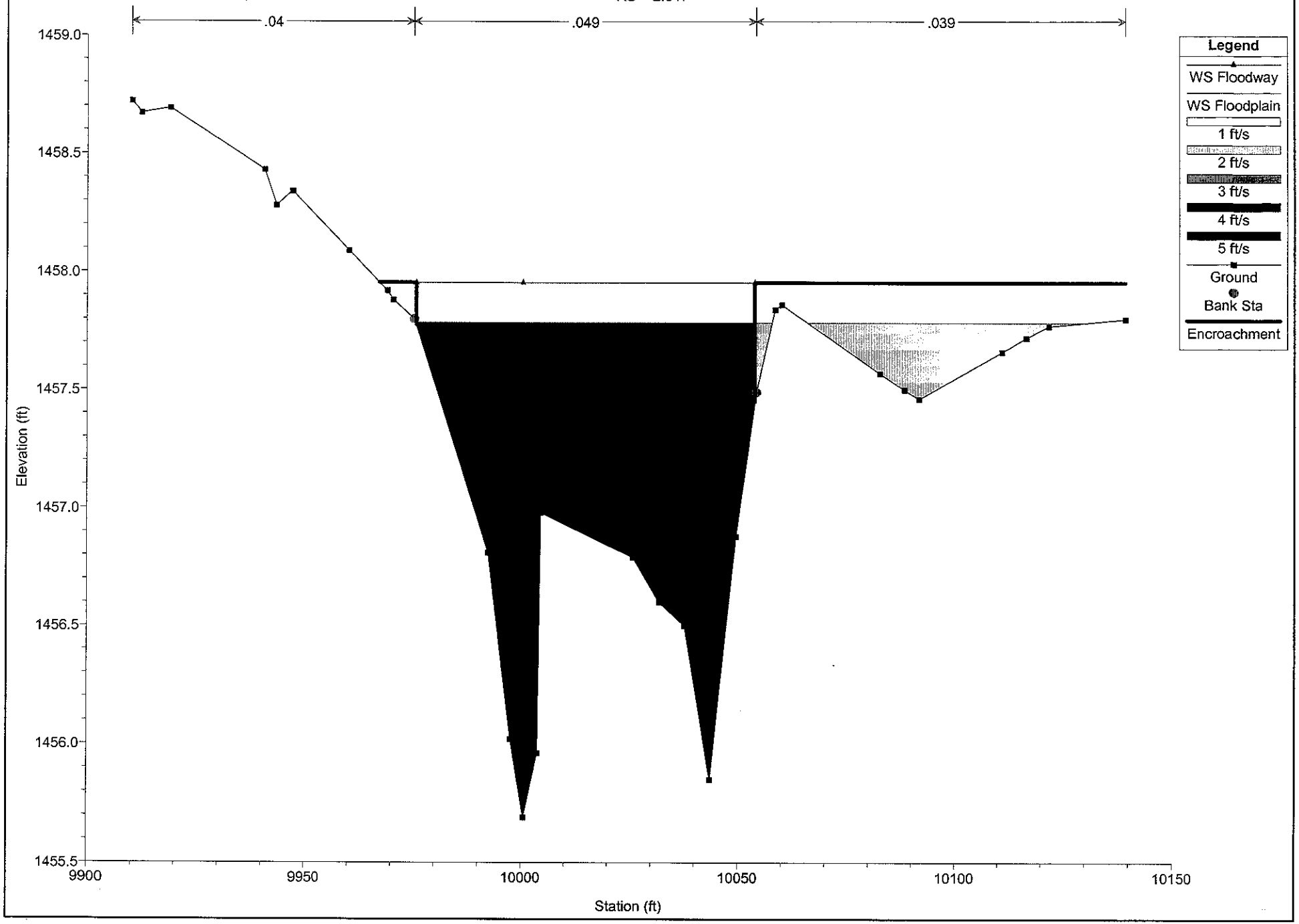
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 2.896



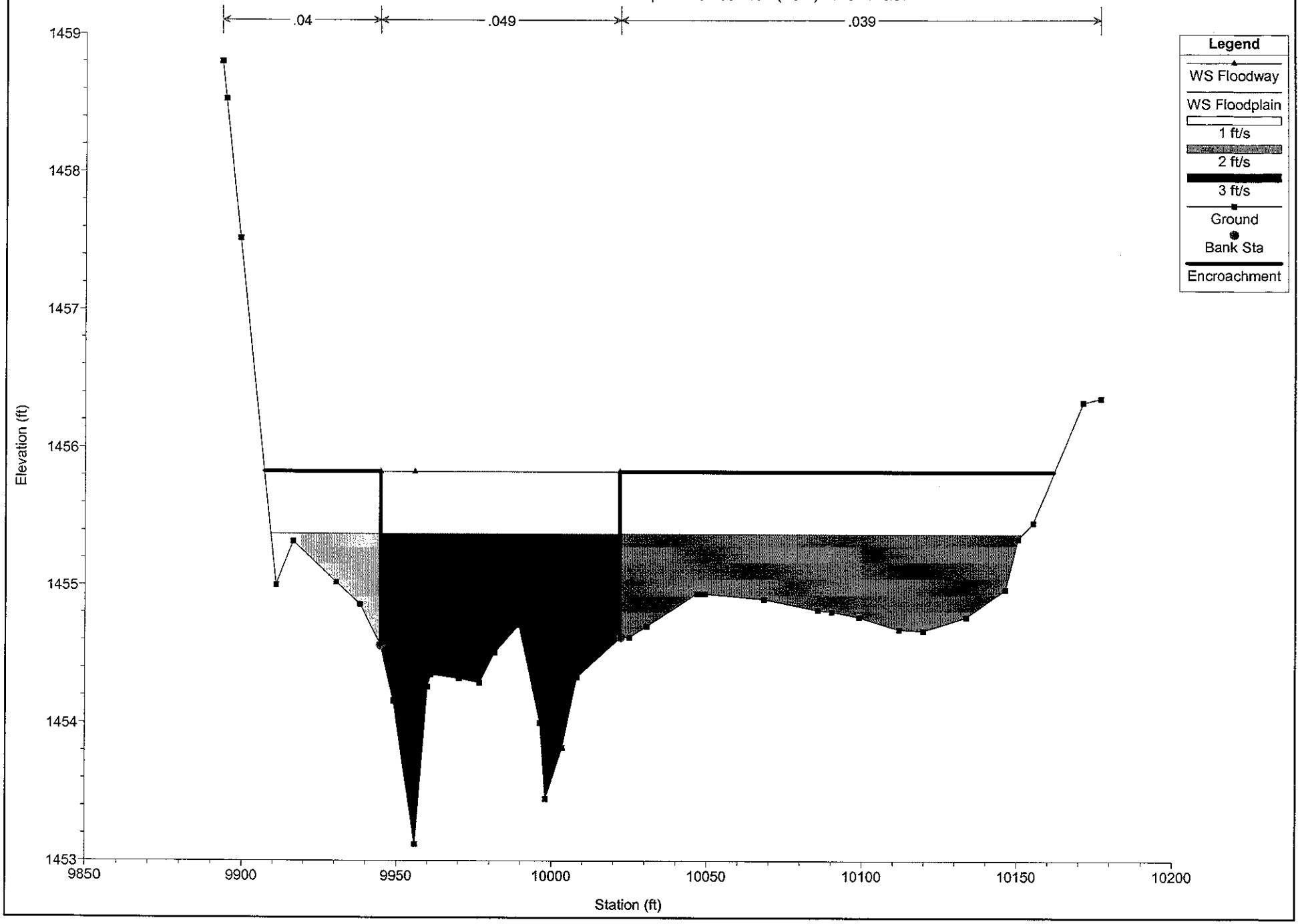
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 2.847



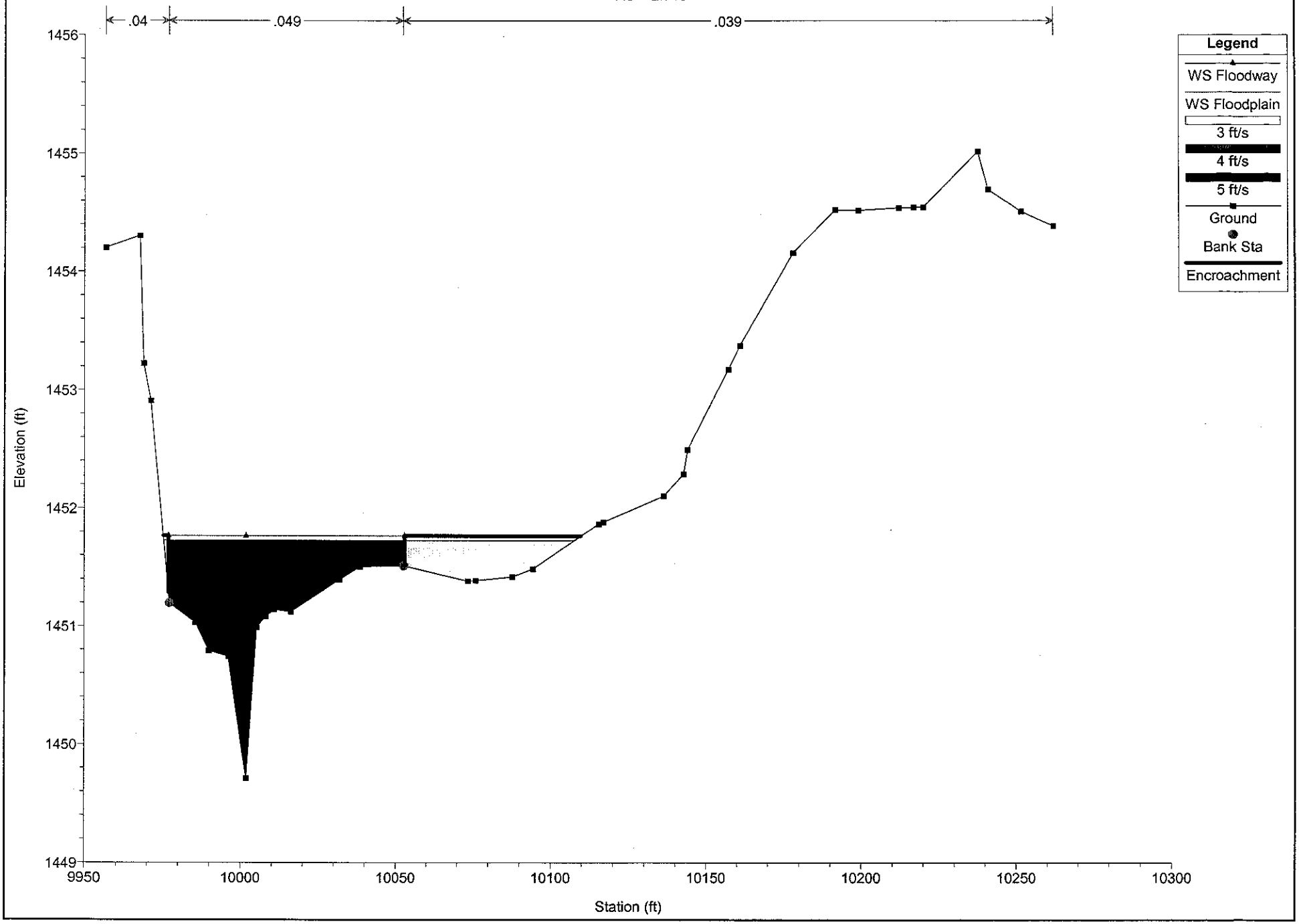
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 2.795 This cross section was copied into wash 10E (ES-2). The FP elev



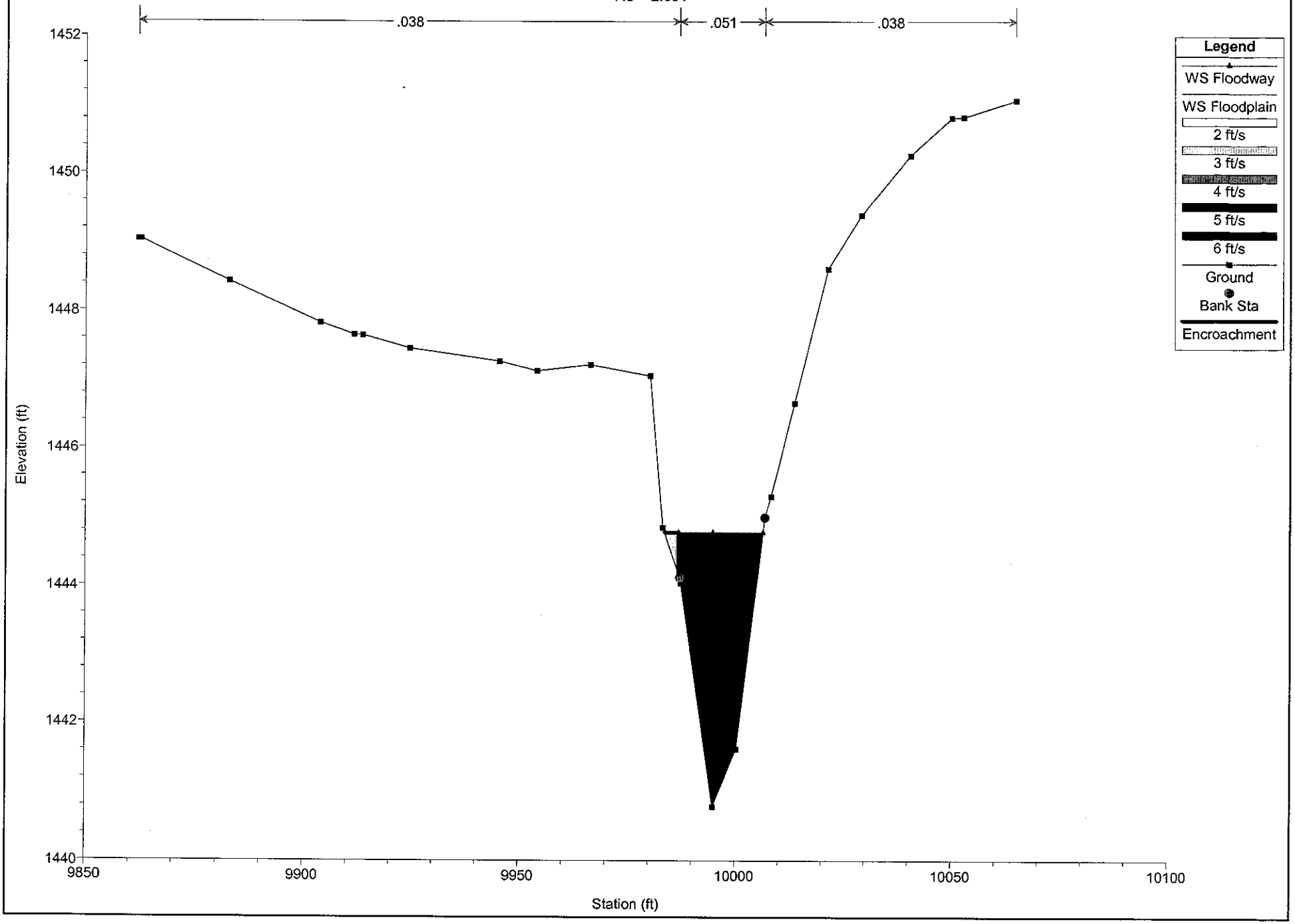
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

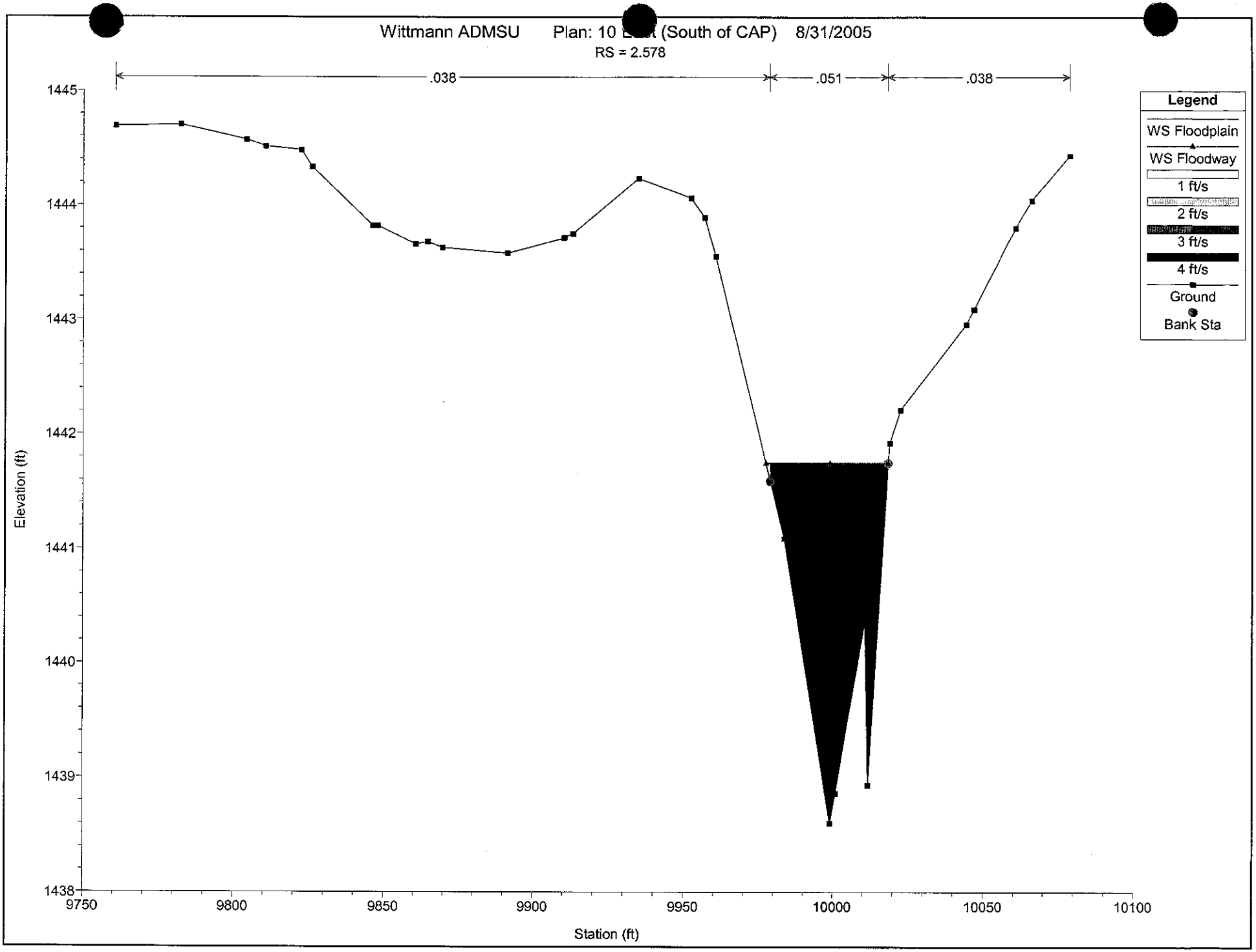
RS = 2.718



Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005

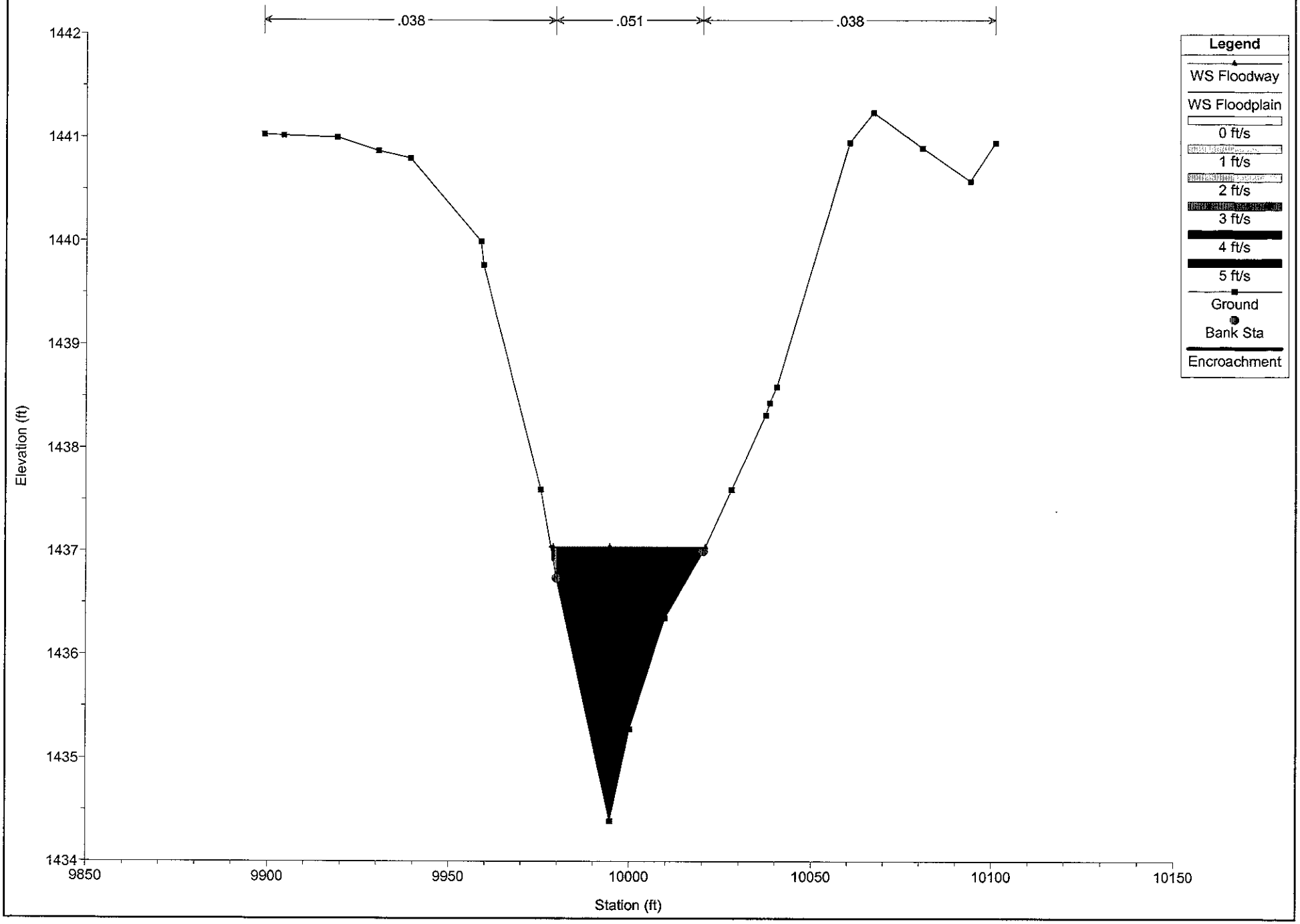
RS = 2.654




Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005
RS = 2.578
.038
.051
.038
Legend
WS Floodplain
WS Floodway
1 ft/s
2 ft/s
3 ft/s
4 ft/s
Ground
Bank Sta
Elevation (ft)
1445
1444
1443
1442
1441
1440
1439
1438
9750
9800
9850
9900
9950
10000
10050
10100
Station (ft)

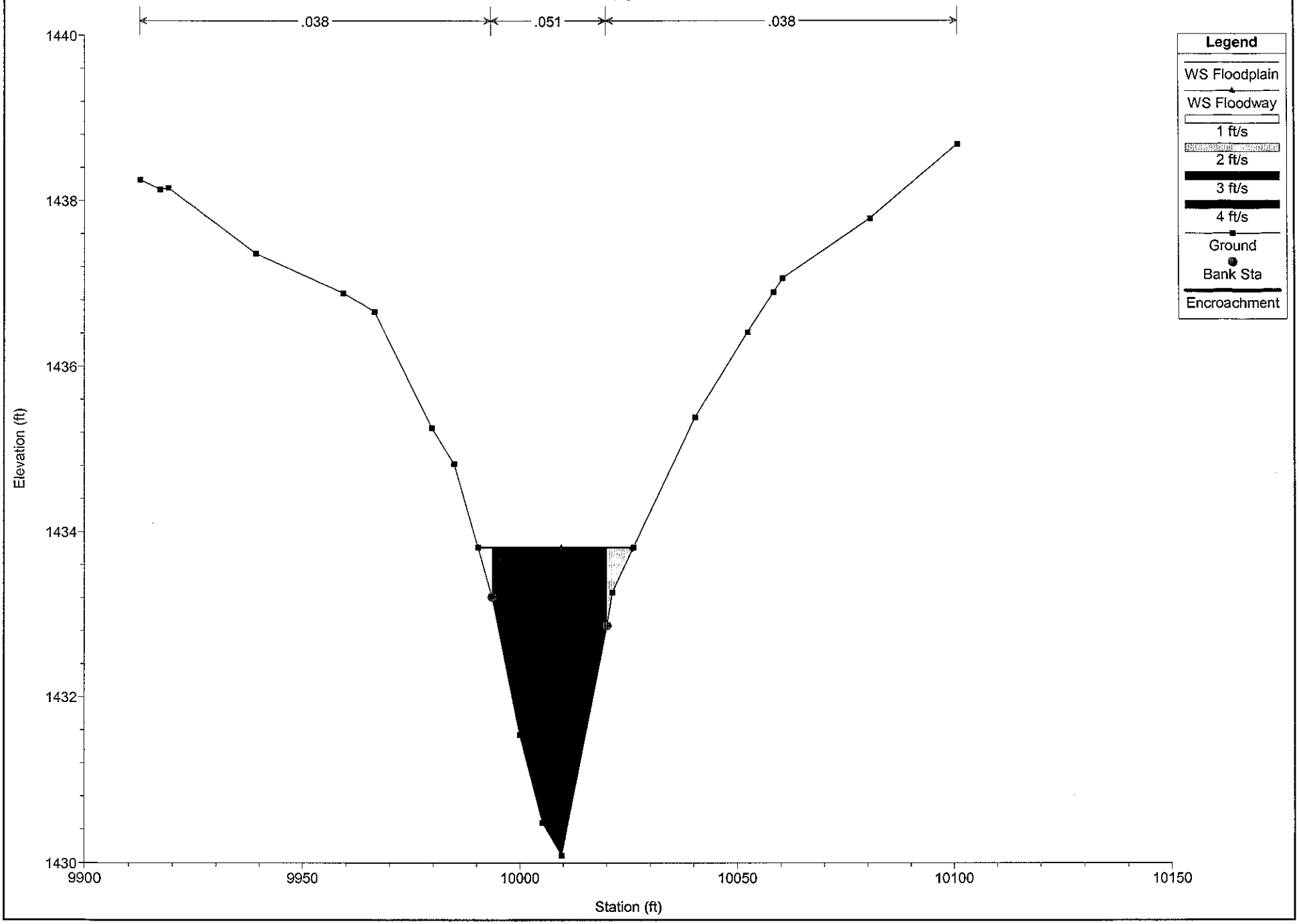
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 2.496



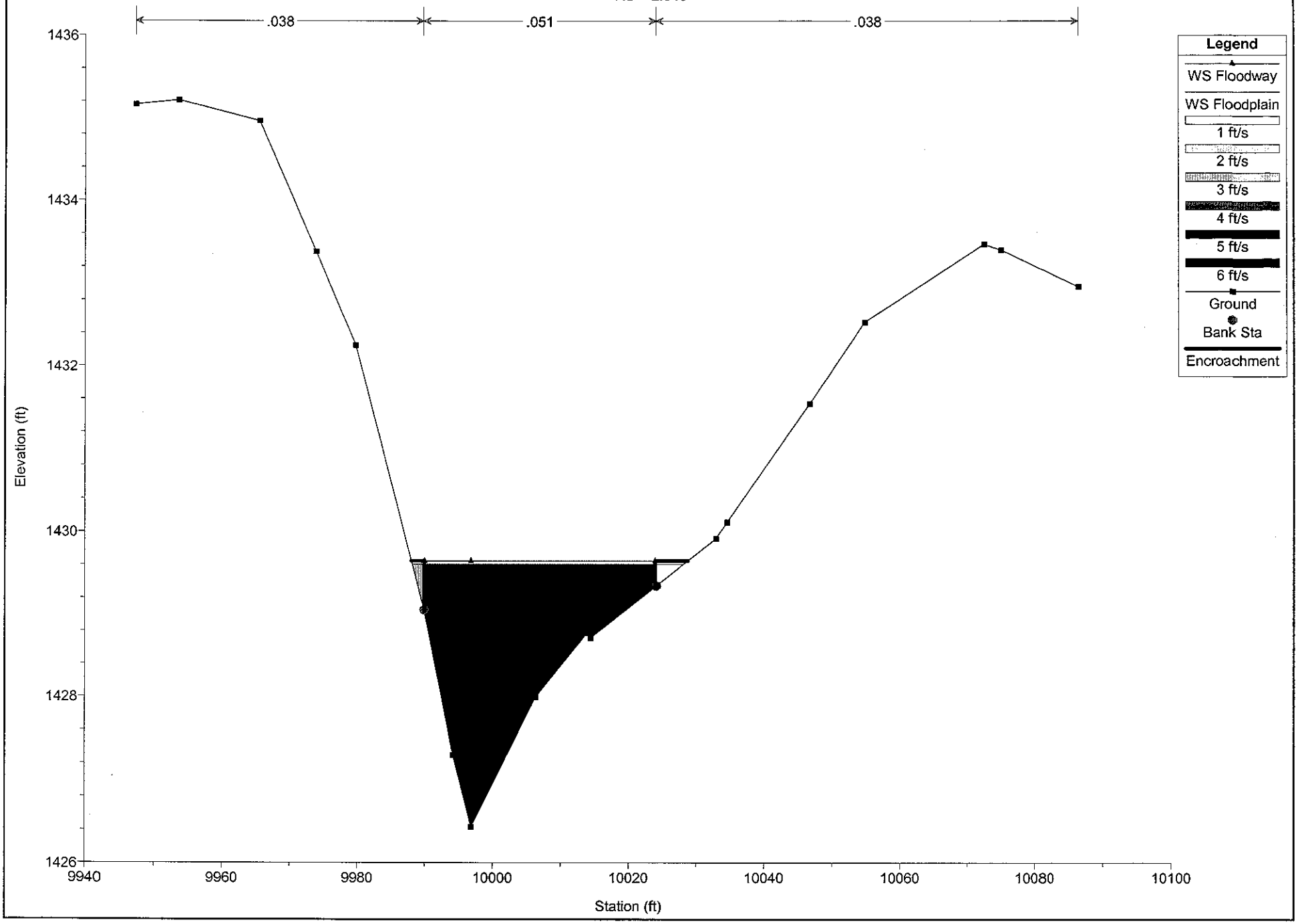
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 2.422



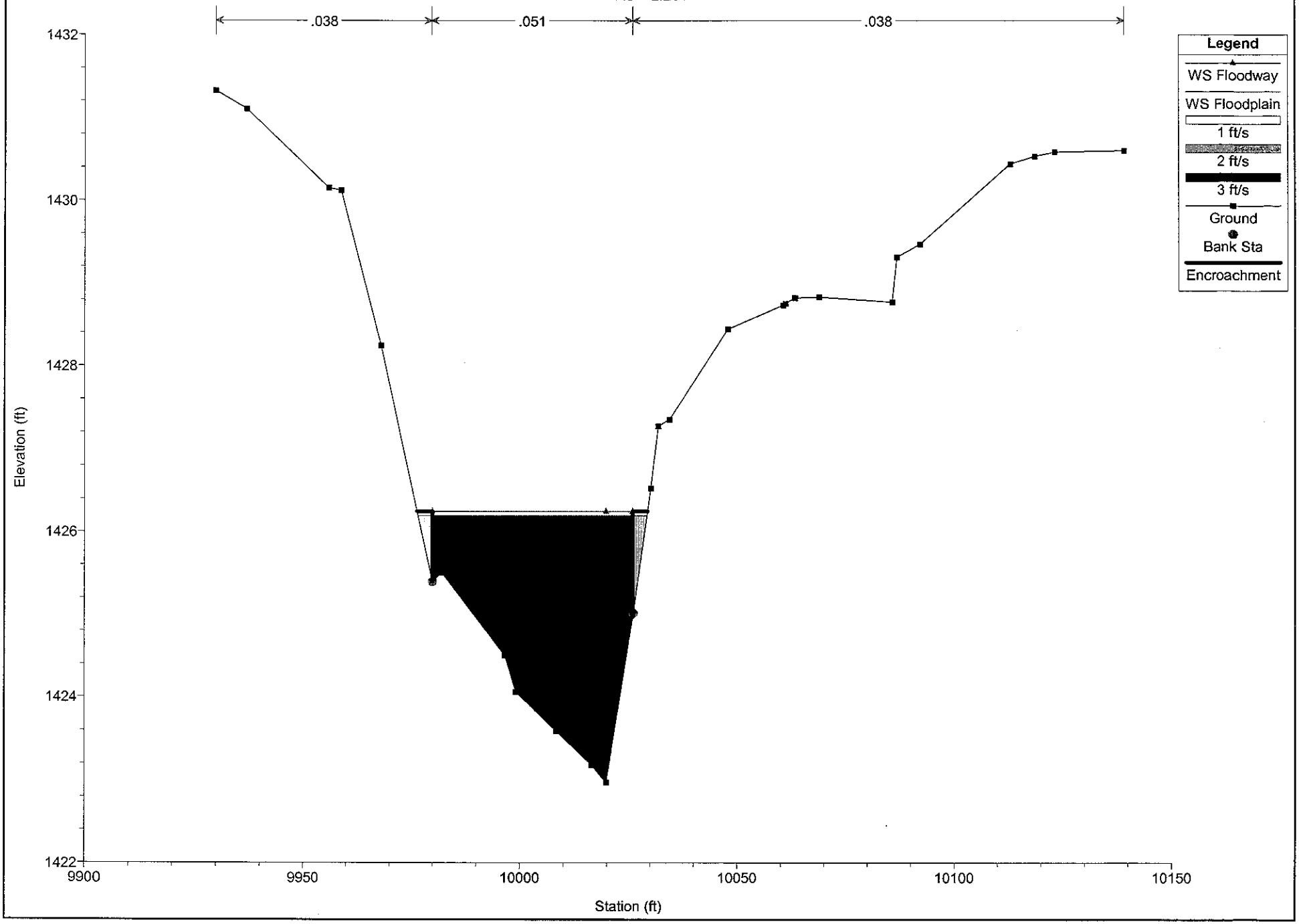
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 2.345



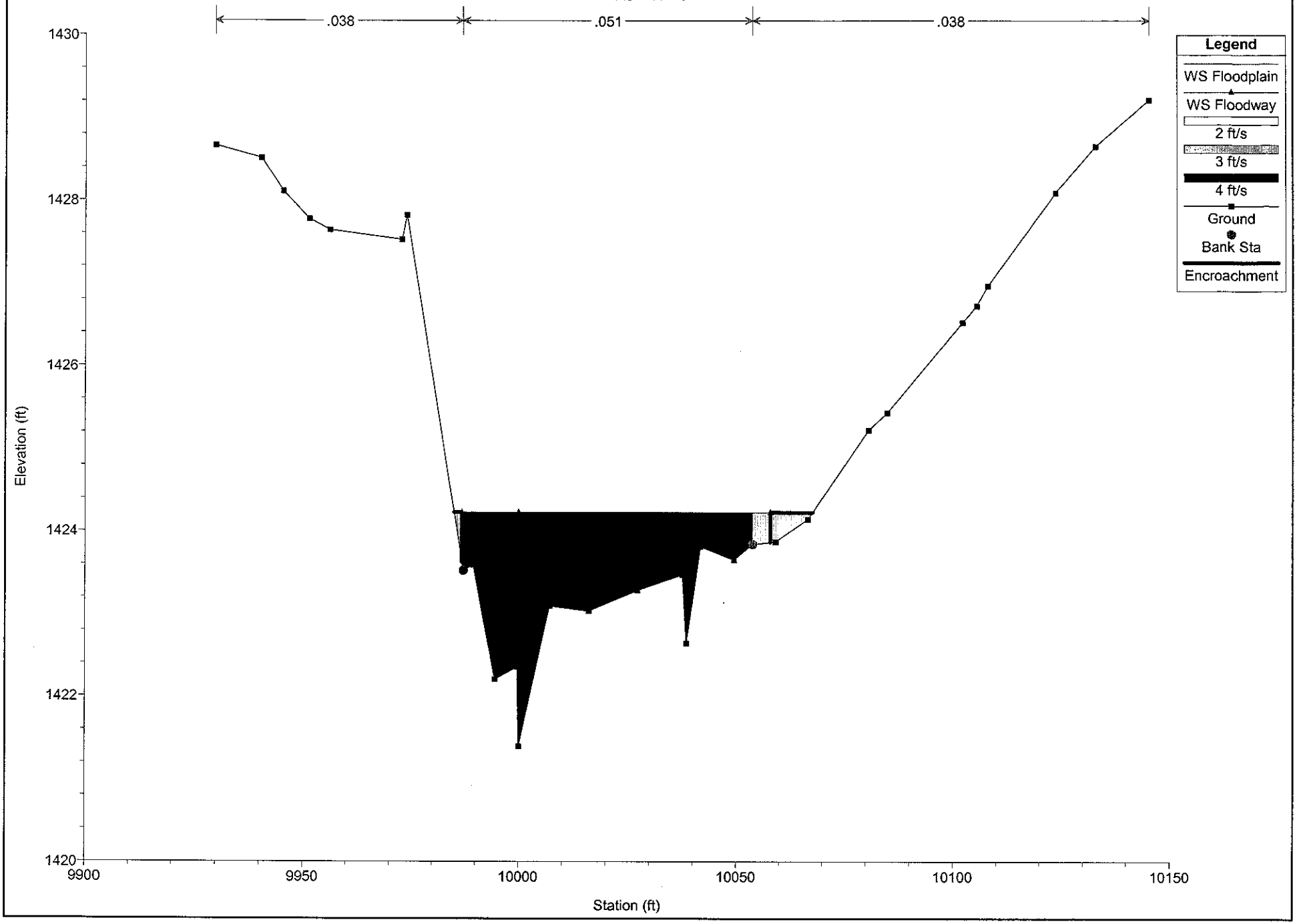
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

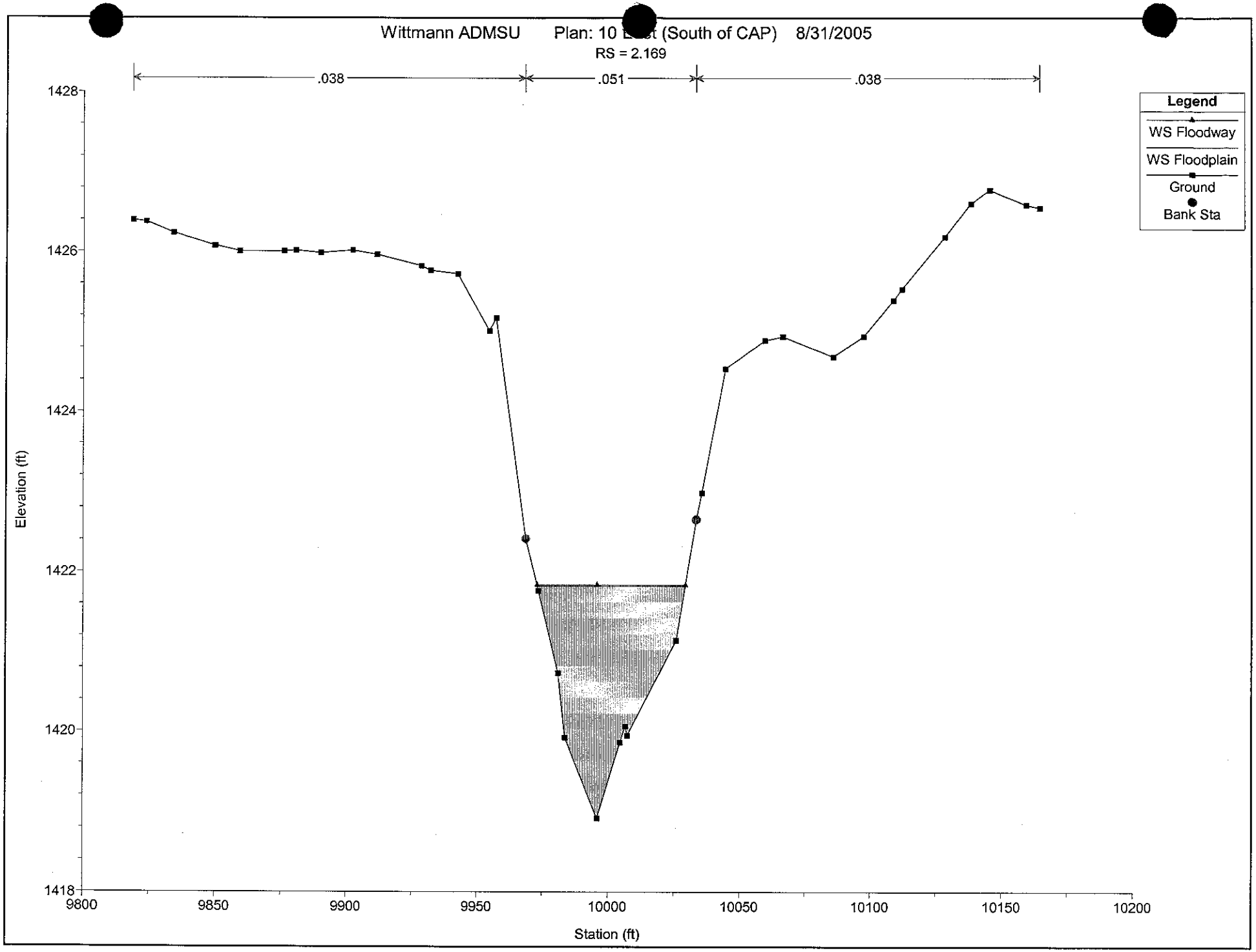
RS = 2.264



Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

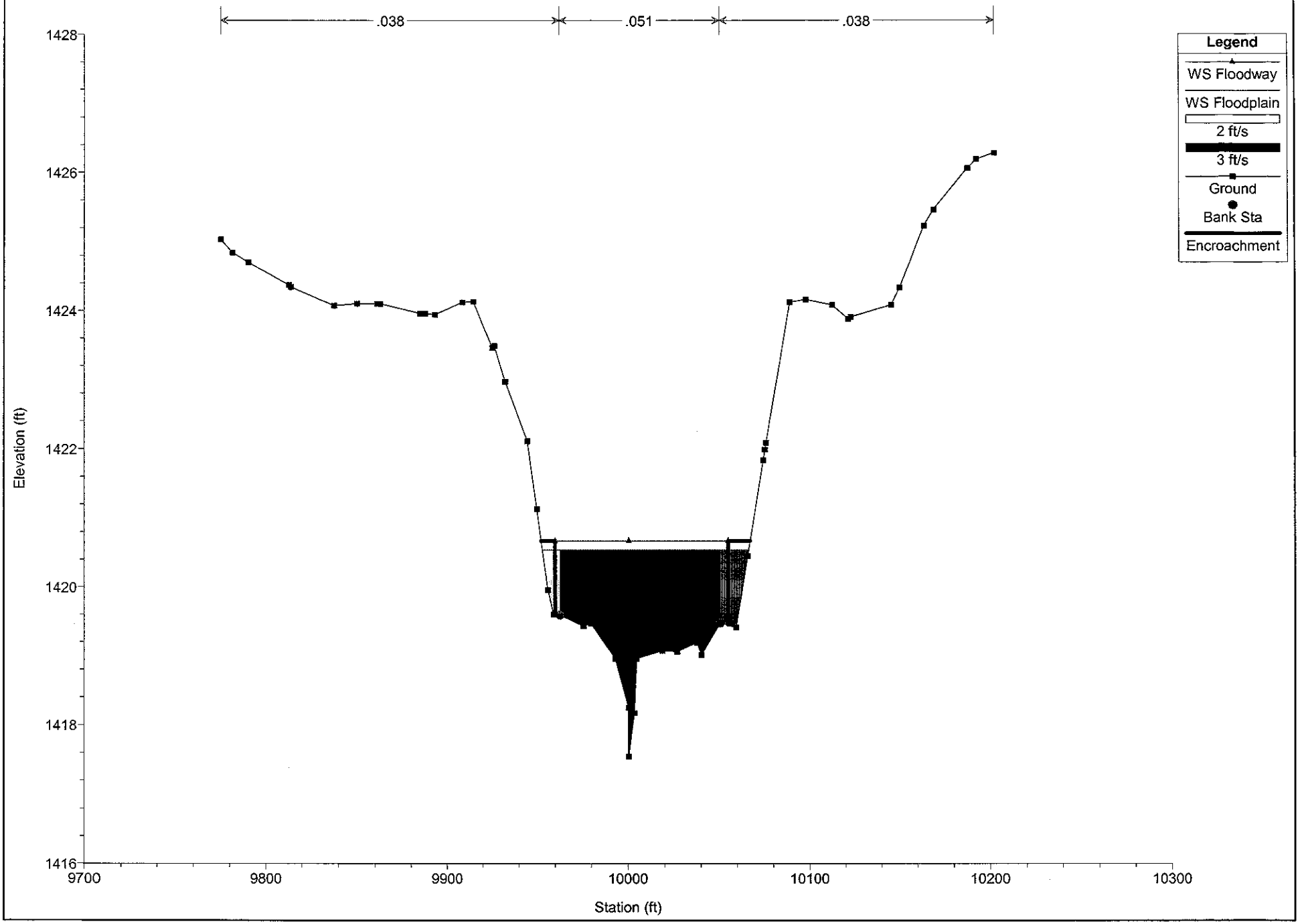
RS = 2.216

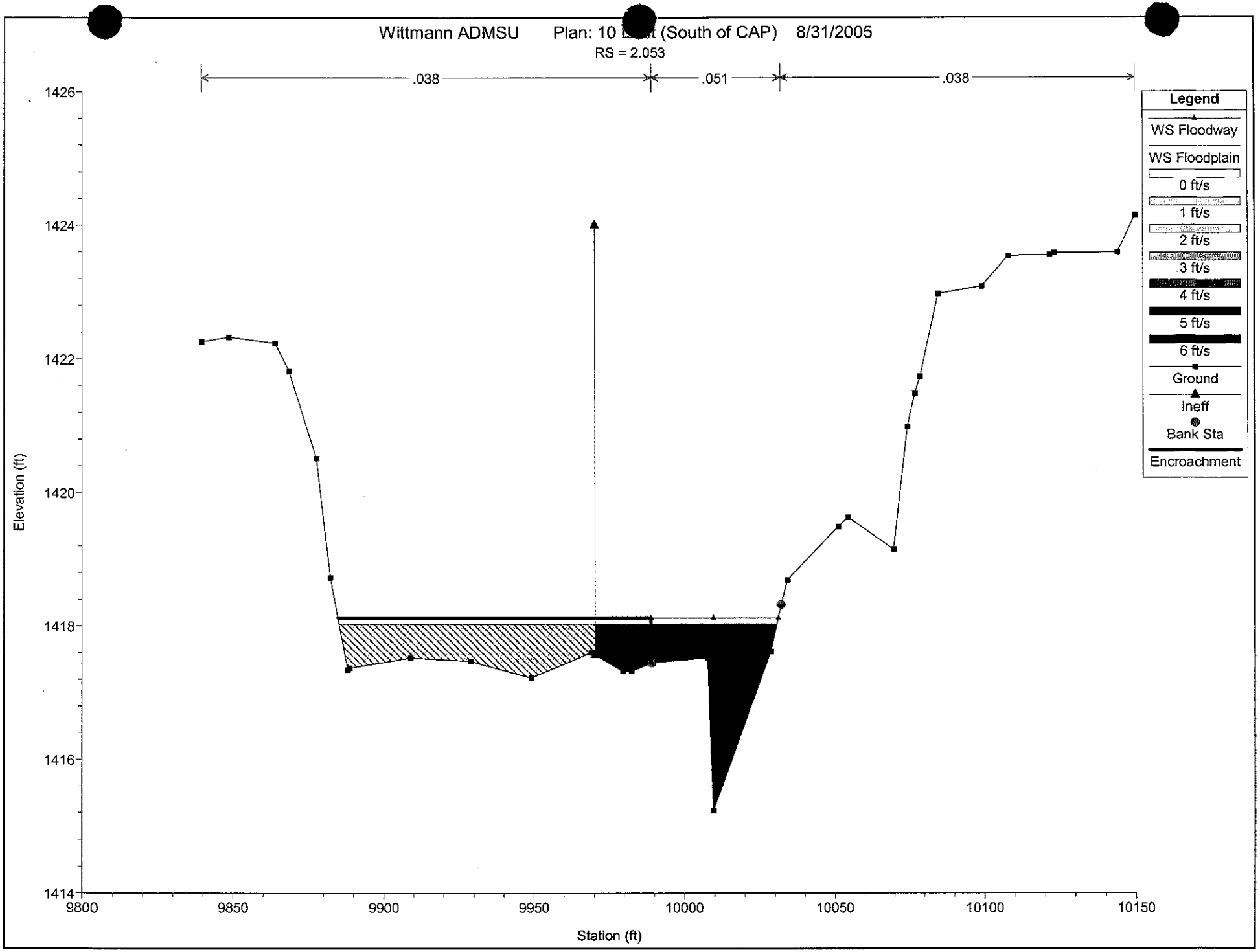


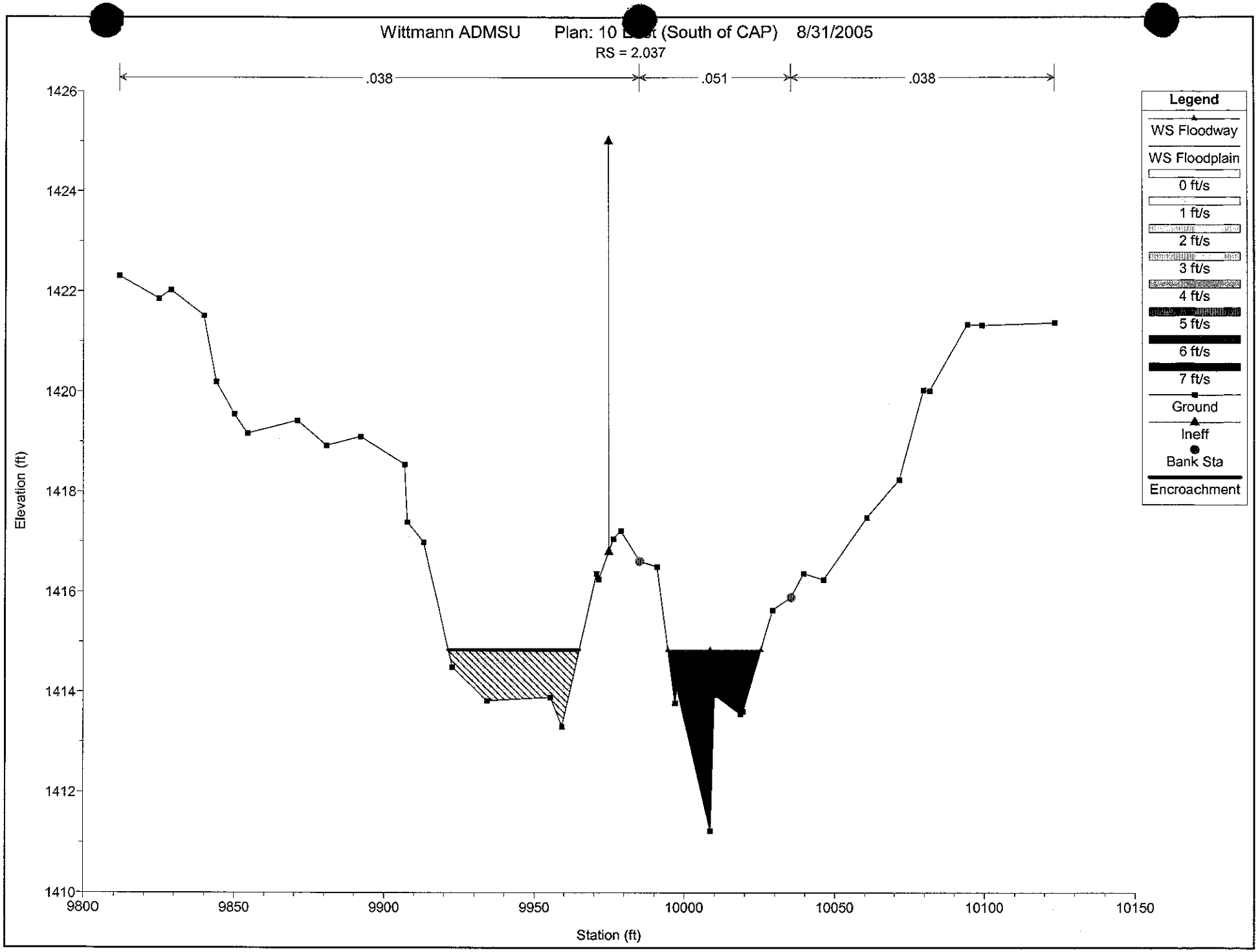

Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005
RS = 2.169
.038
.051
.038
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Elevation (ft)
1428
1426
1424
1422
1420
1418
9800
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005

RS = 2.11

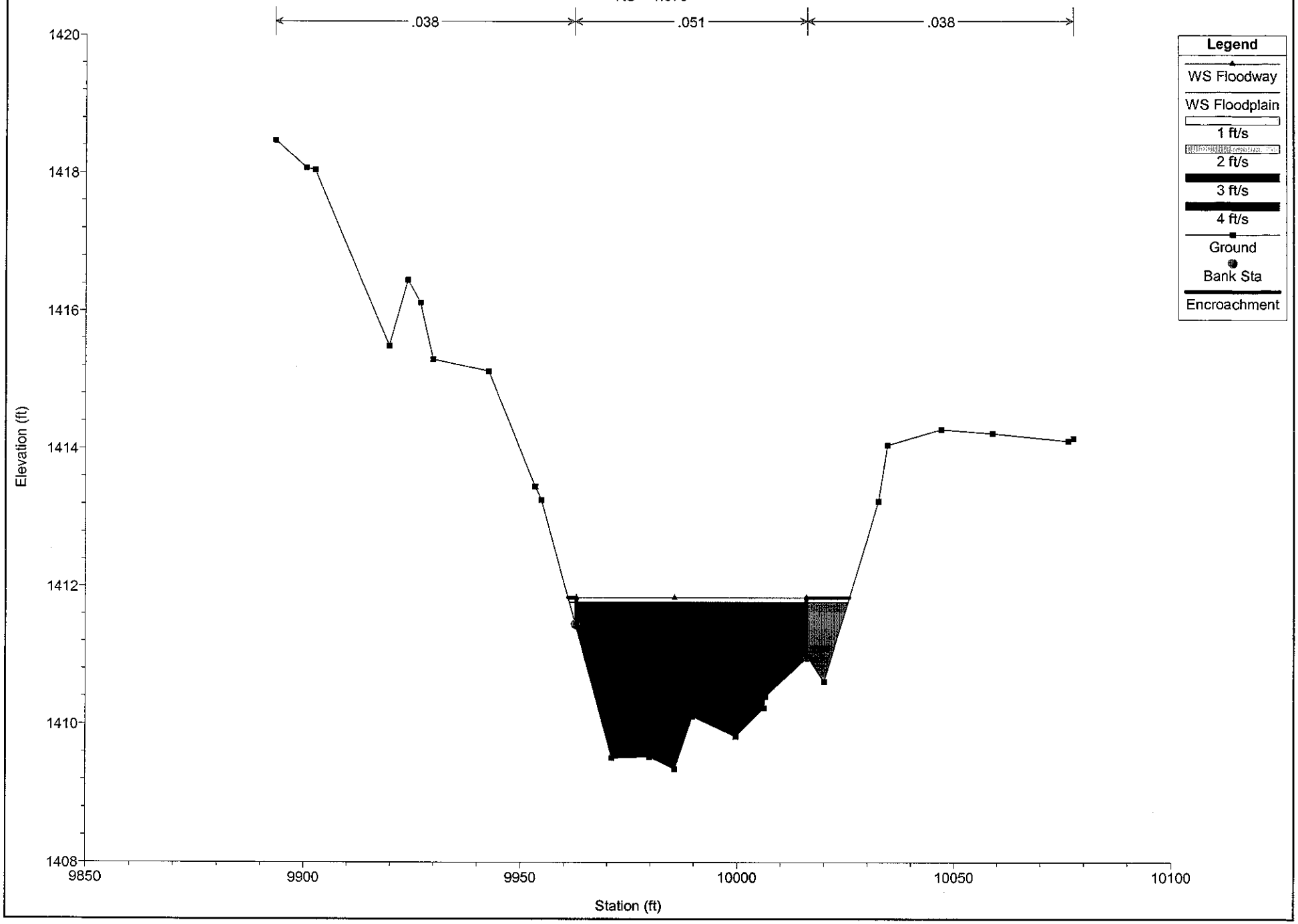



Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005
RS = 2.053
.038
.051
.038
Legend
WS Floodway
WS Floodplain
0 ft/s
1 ft/s
2 ft/s
3 ft/s
4 ft/s
5 ft/s
6 ft/s
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1426
1424
1422
1420
1418
1416
1414
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)


Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005
RS = 2.037
.038
.051
.038
Elevation (ft)
1426
1424
1422
1420
1418
1416
1414
1412
1410
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)
Legend
WS Floodway
WS Floodplain
0 ft/s
1 ft/s
2 ft/s
3 ft/s
4 ft/s
5 ft/s
6 ft/s
7 ft/s
Ground
Ineff
Bank Sta
Encroachment

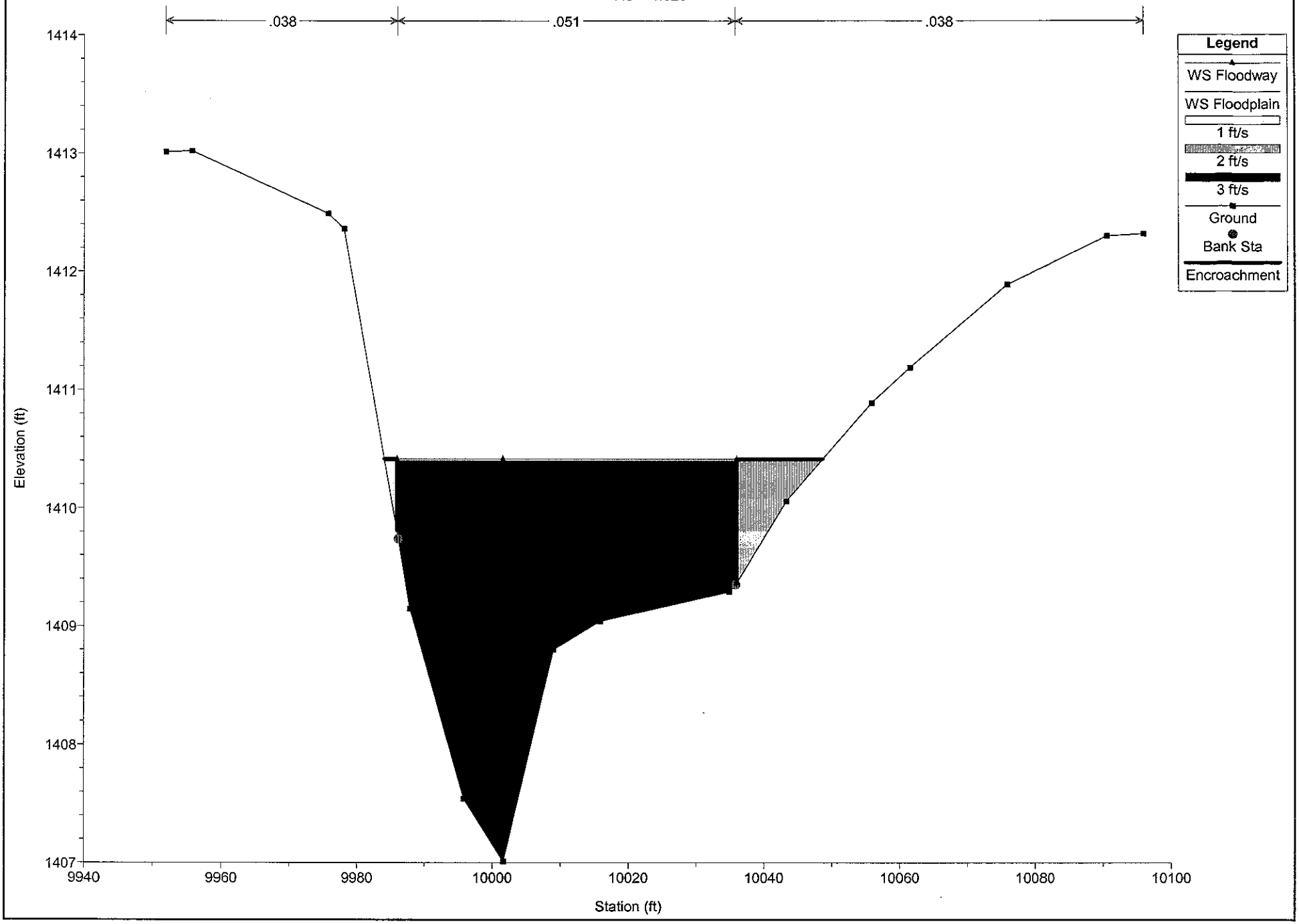
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

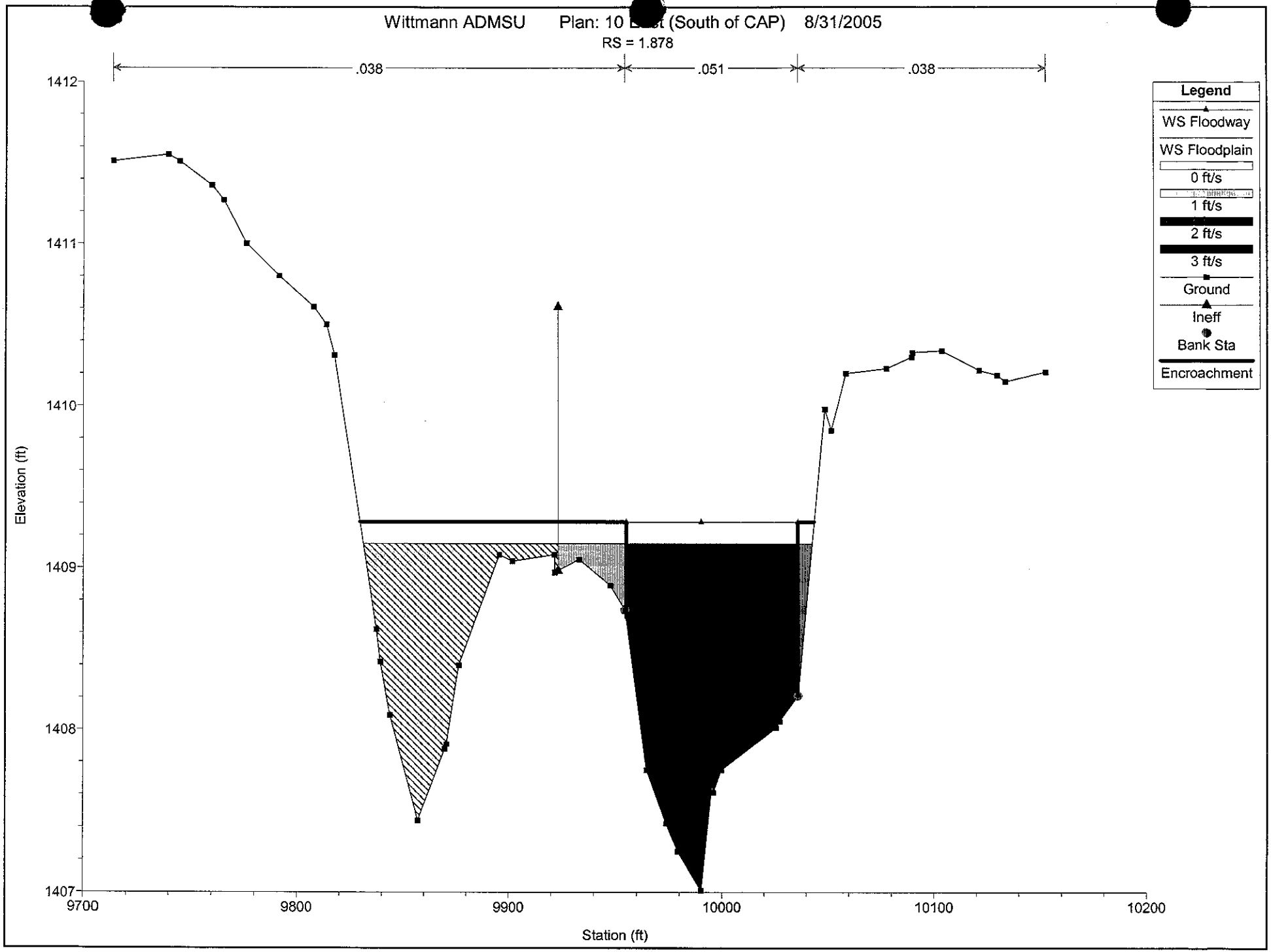
RS = 1.979



Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

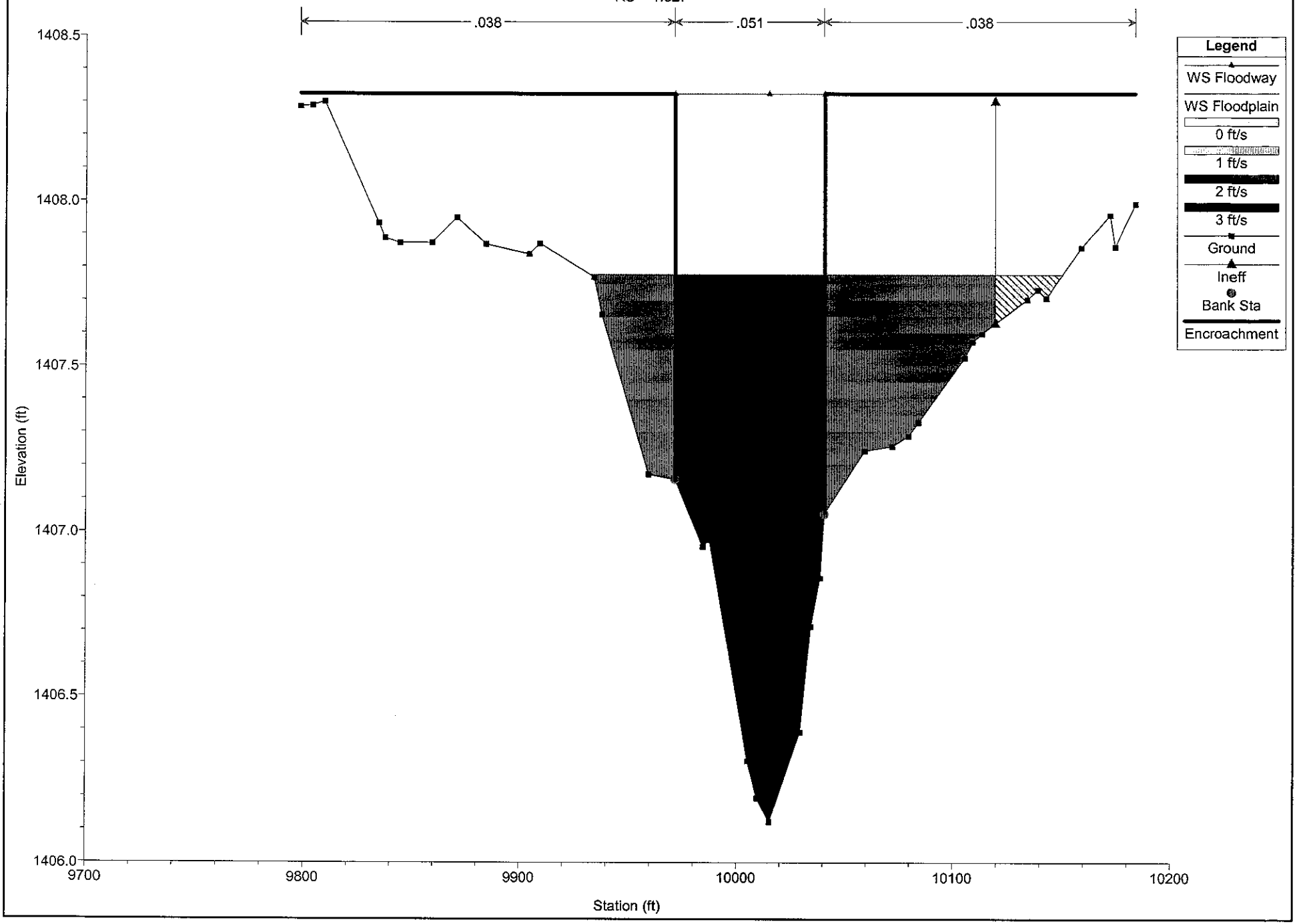
RS = 1.929




Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005
RS = 1.878
.038
.051
.038
Legend
WS Floodway
WS Floodplain
0 ft/s
1 ft/s
2 ft/s
3 ft/s
Ground
Ineff
Bank Sta
Encroachment
Elevation (ft)
1412
1411
1410
1409
1408
1407
9700
9800
9900
10000
10100
10200
Station (ft)

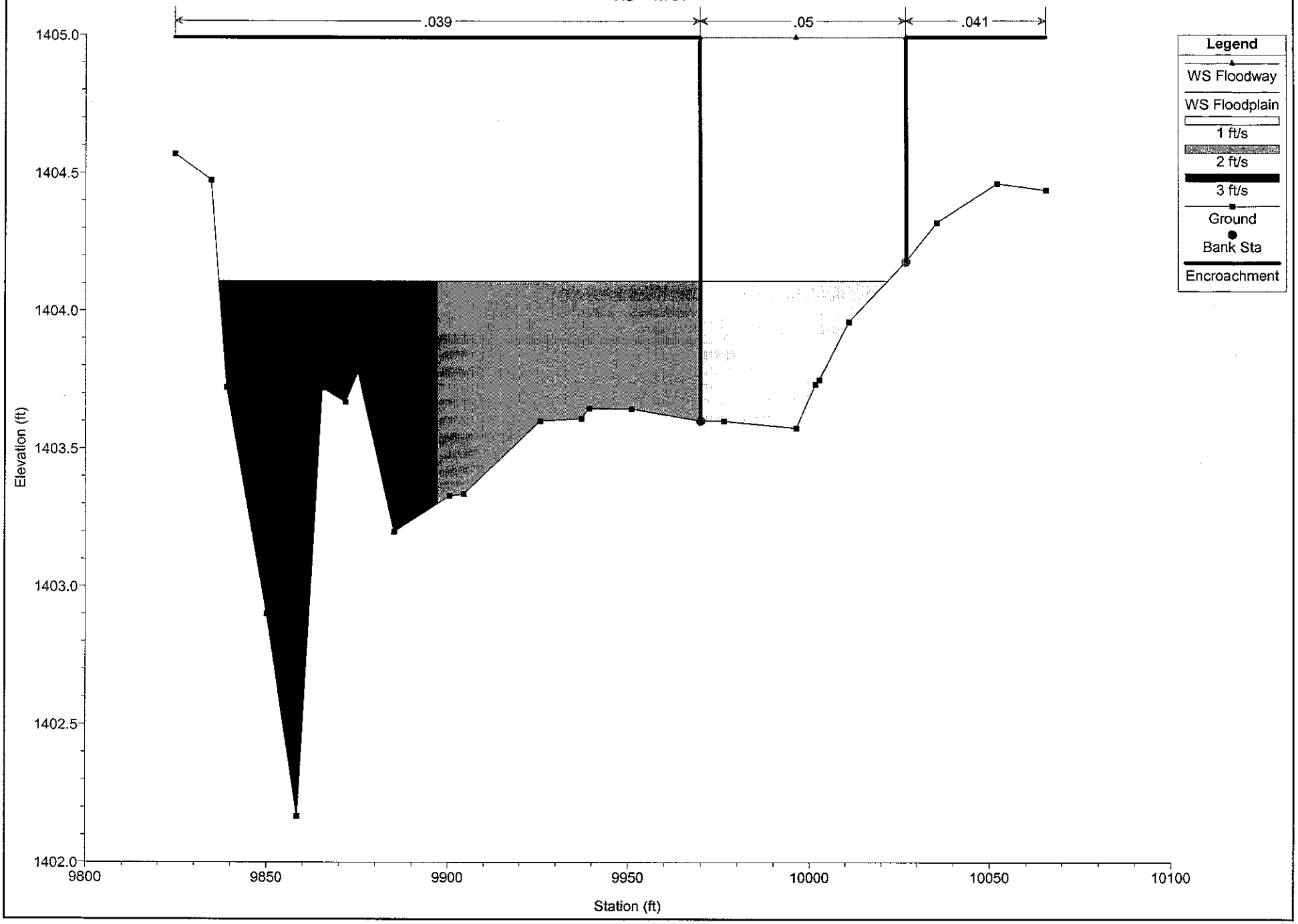
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 1.827



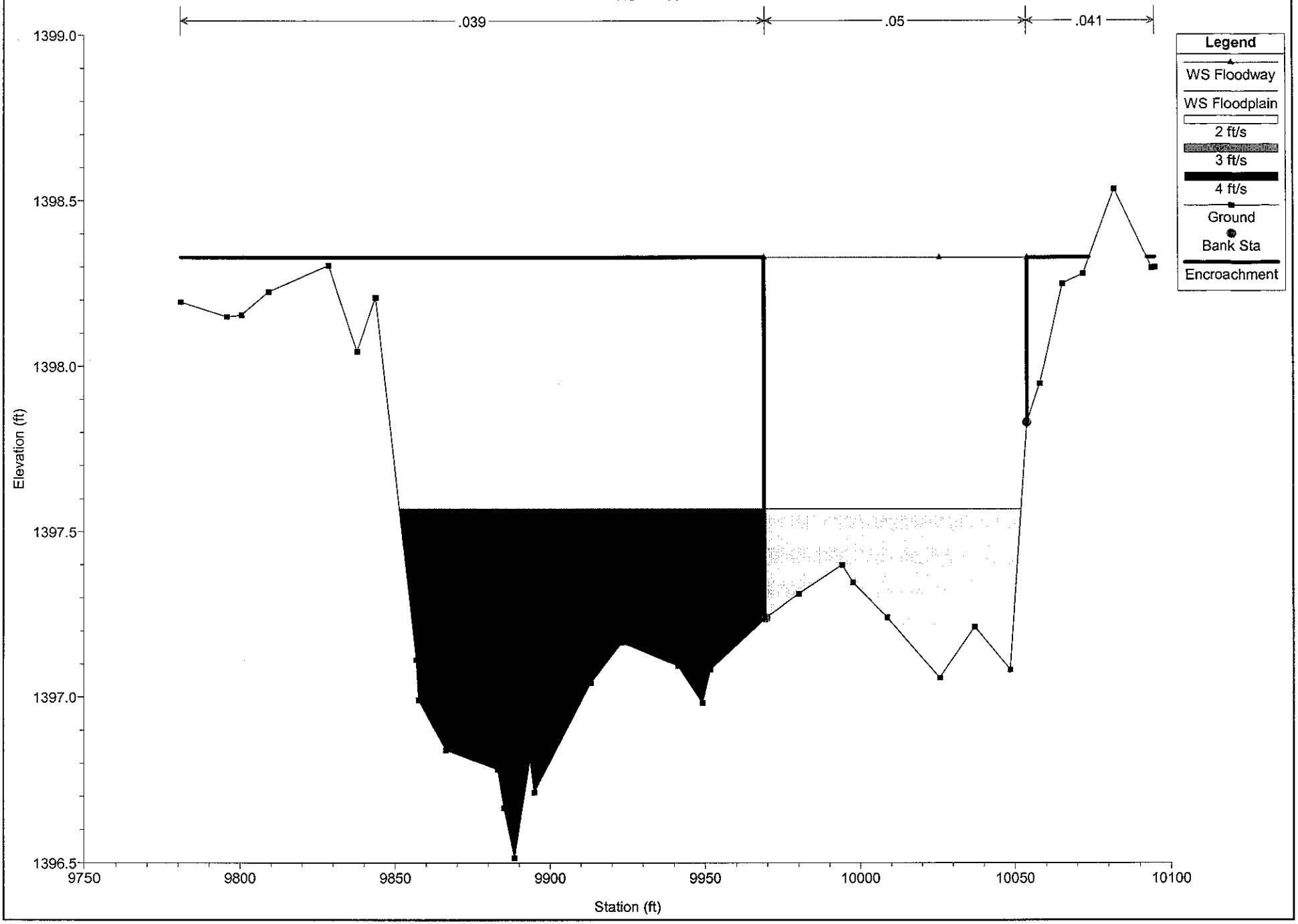
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 1.734



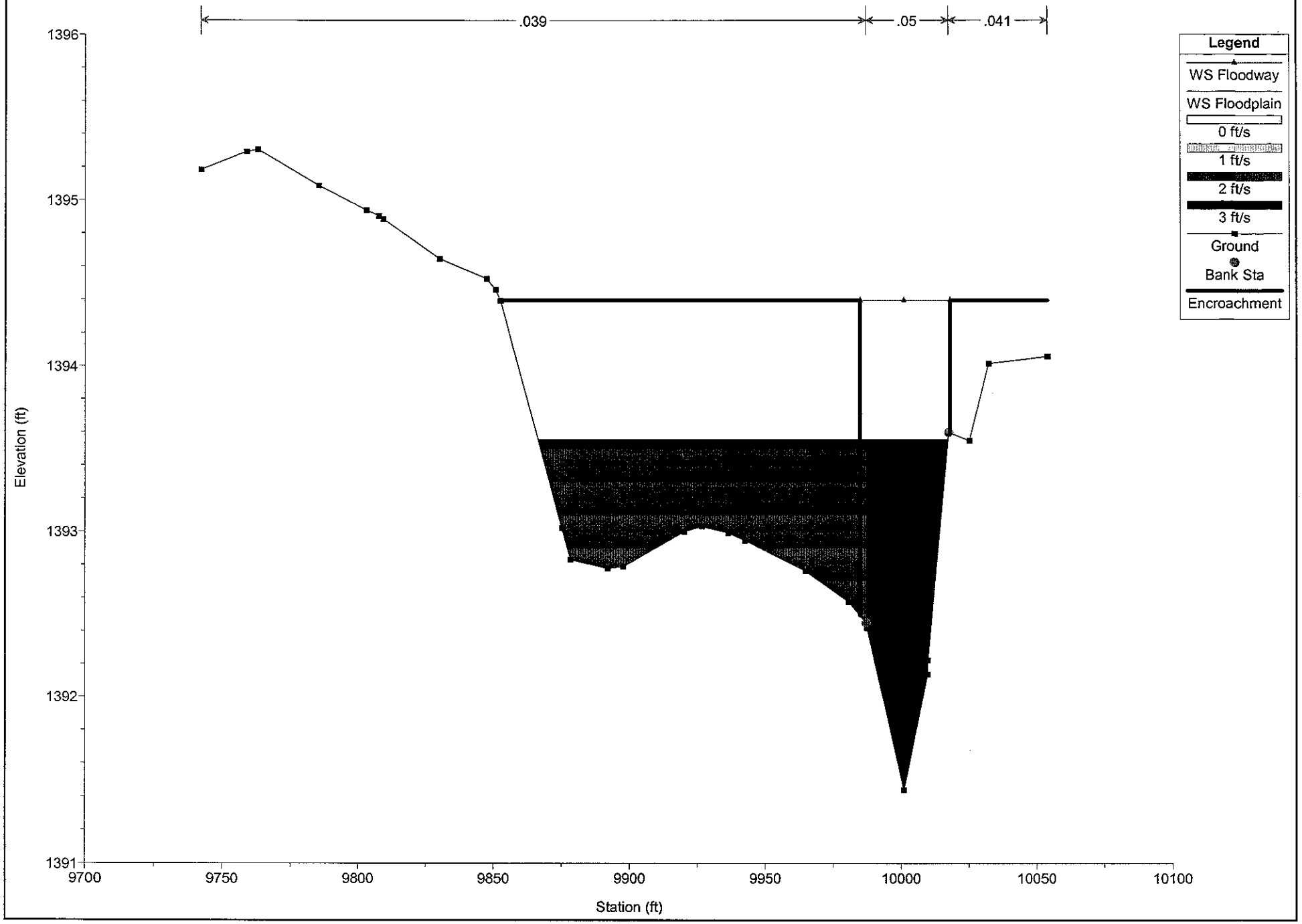
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 1.63



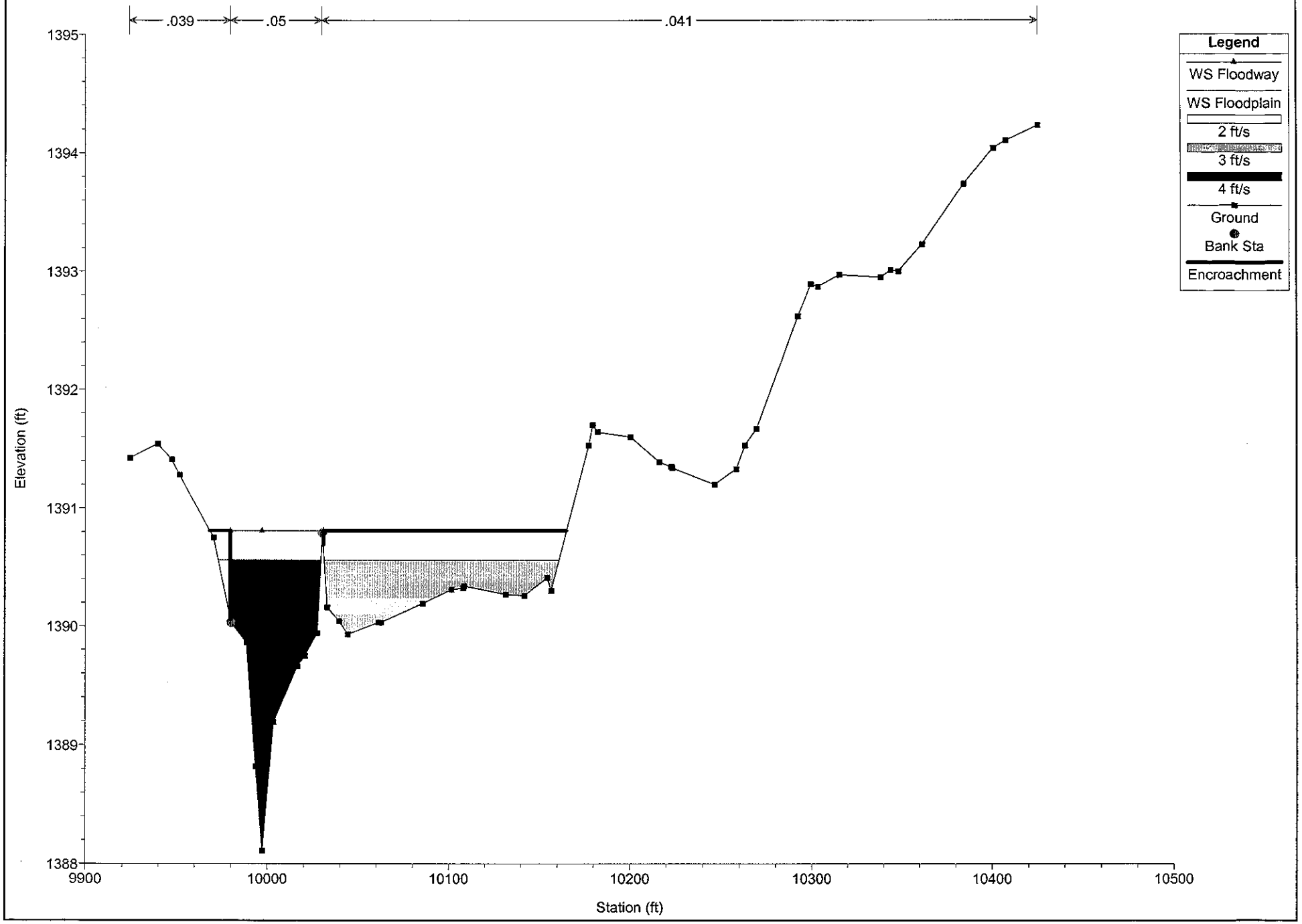
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 1.538



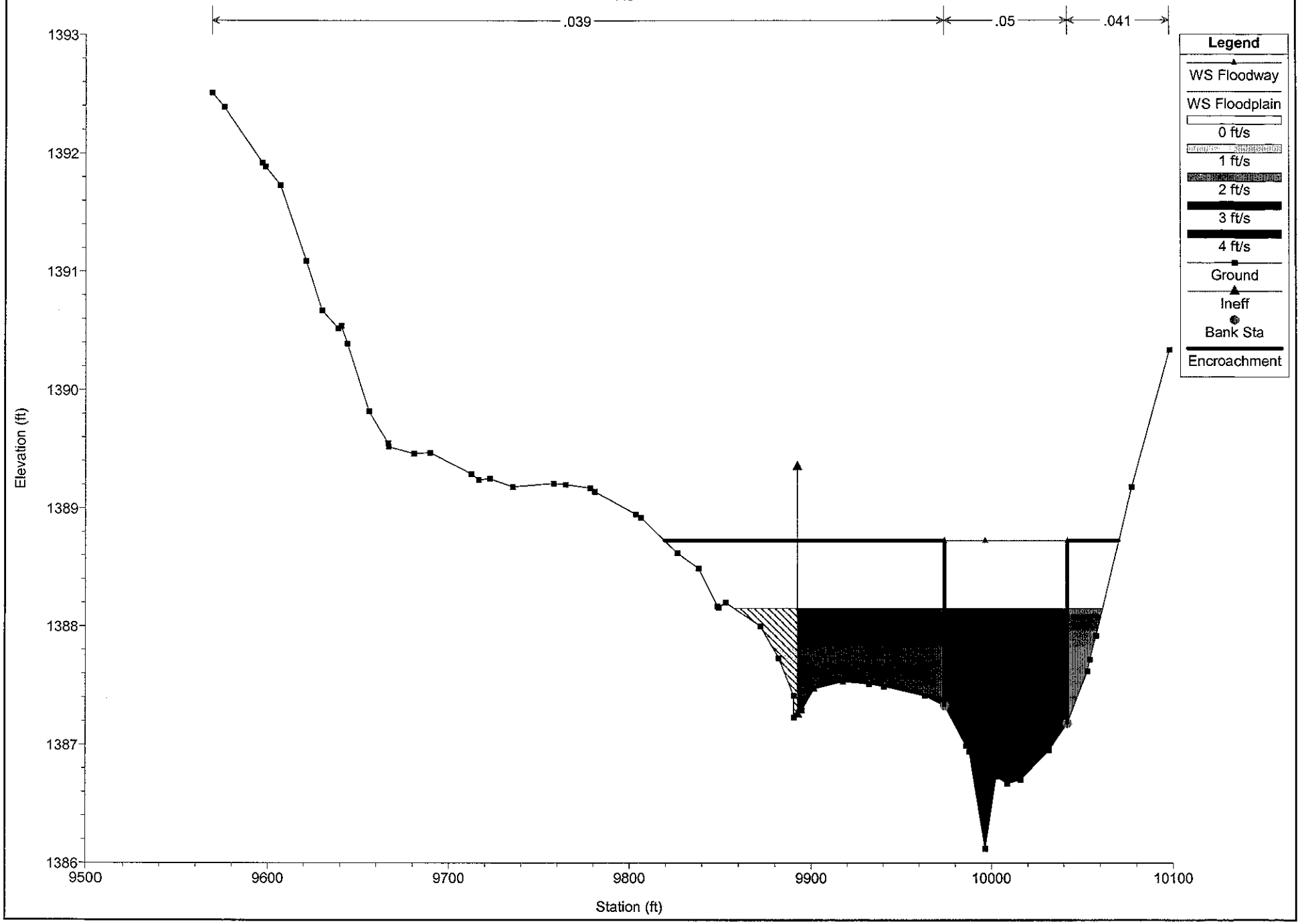
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 1.465



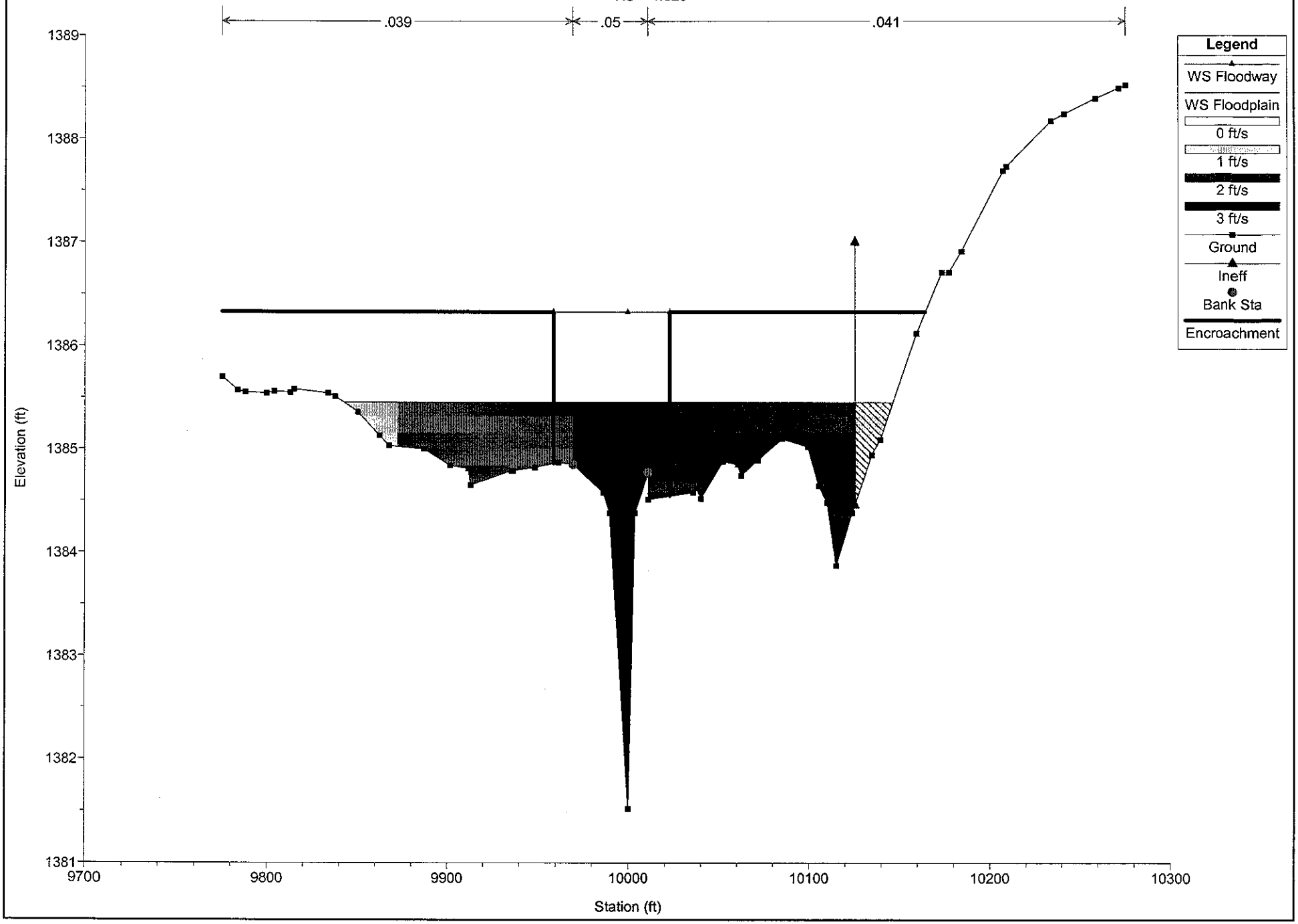
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 1.412



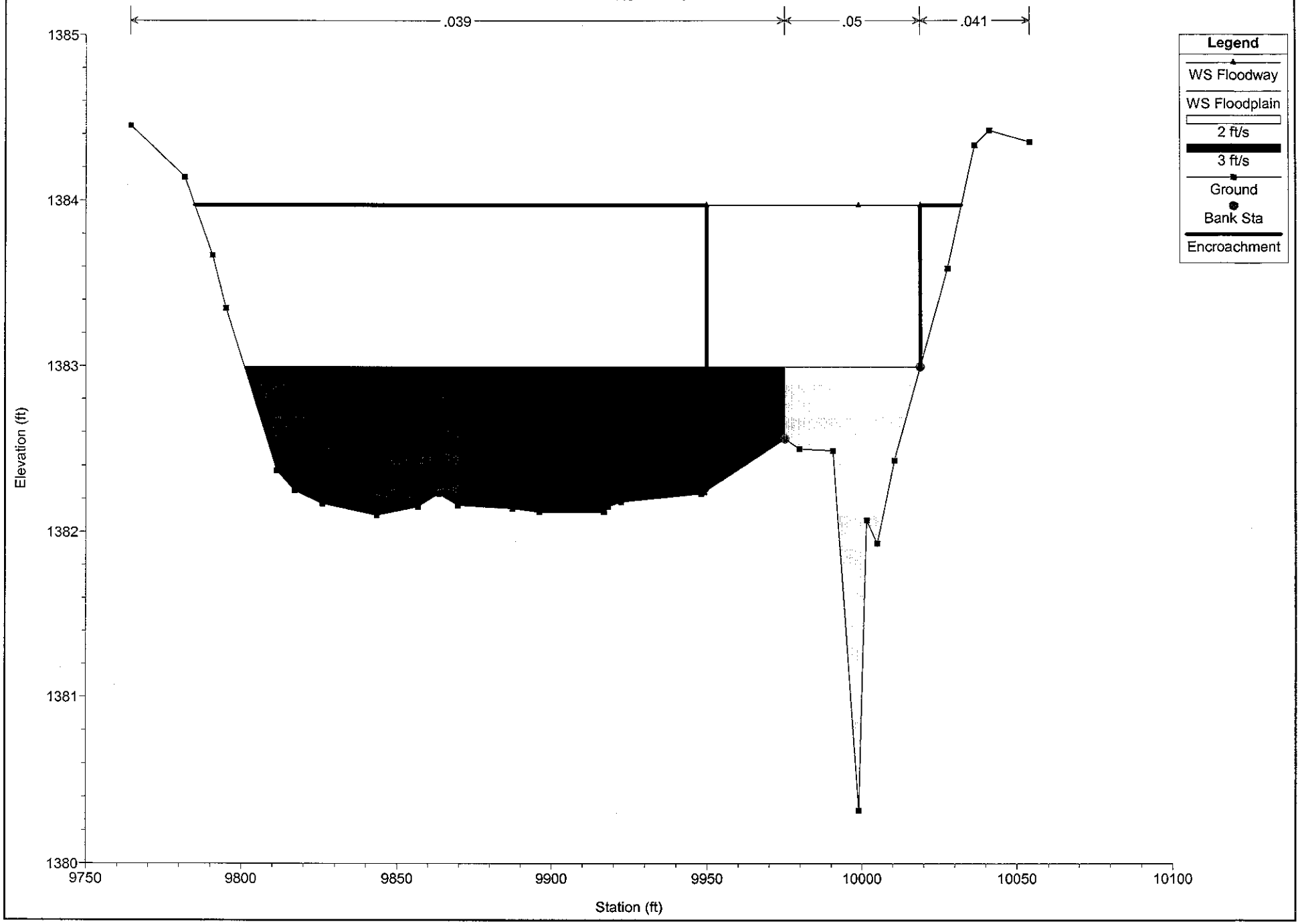
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 1.323



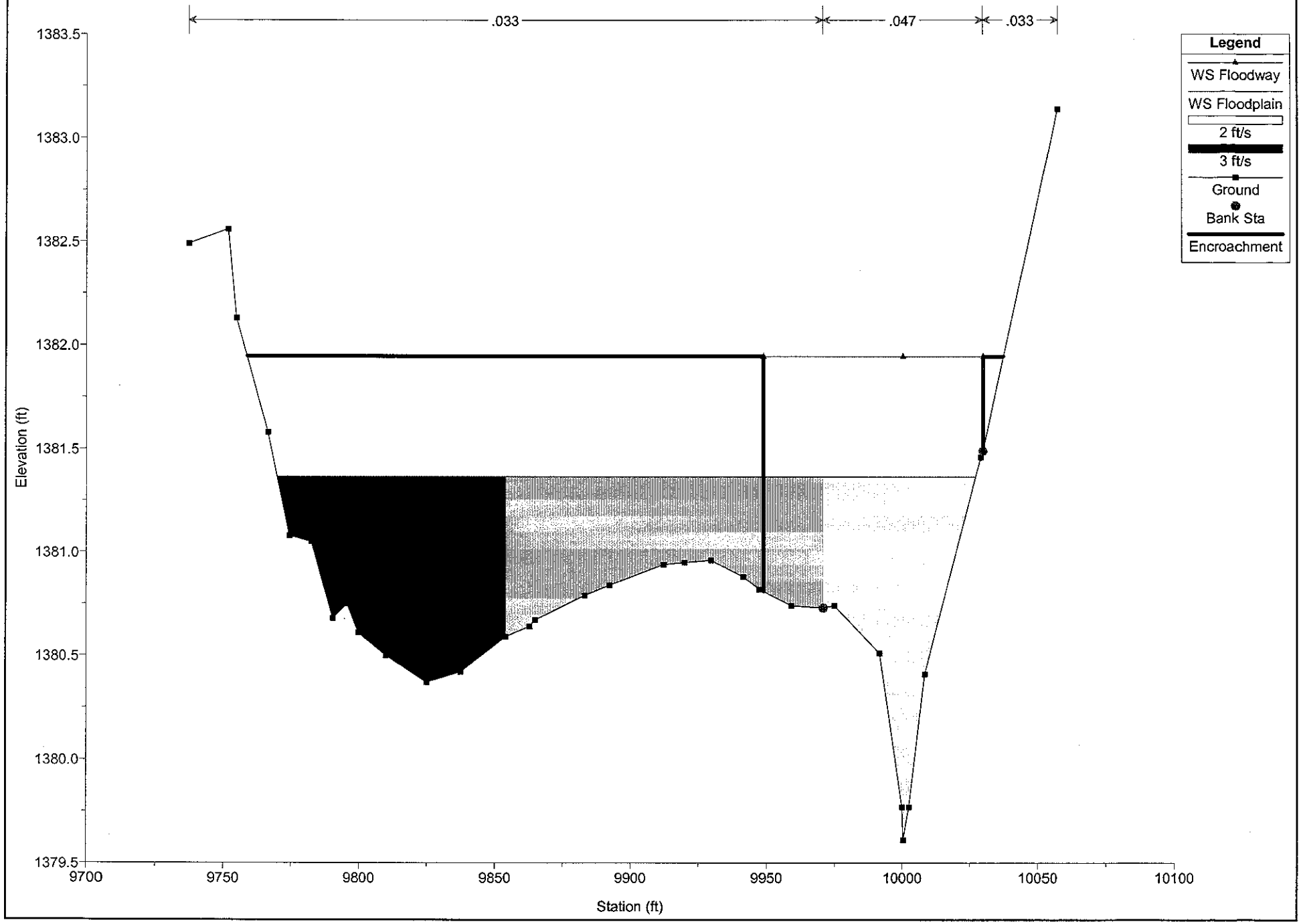
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 1.245



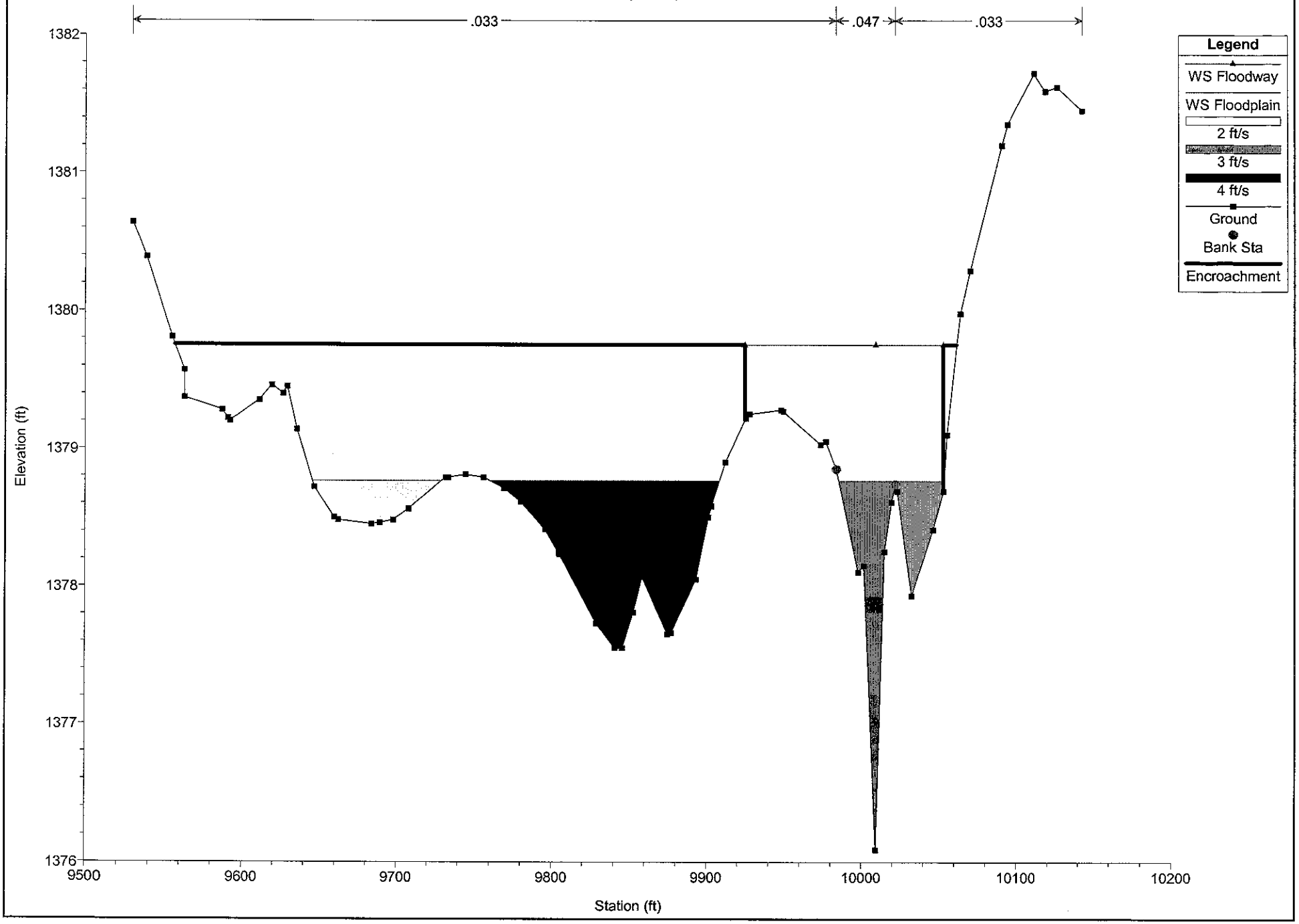
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 1.199



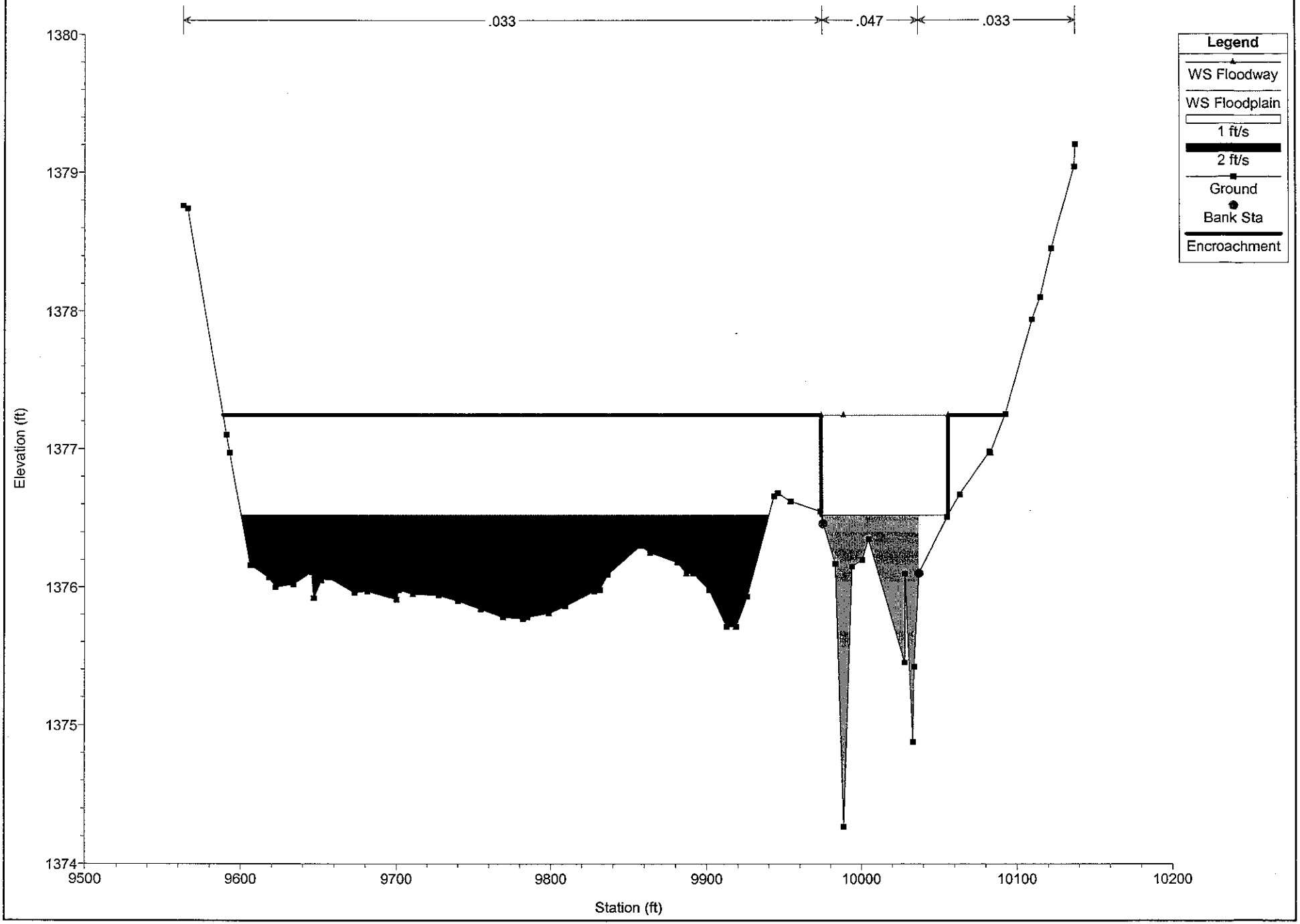
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

RS = 1.131



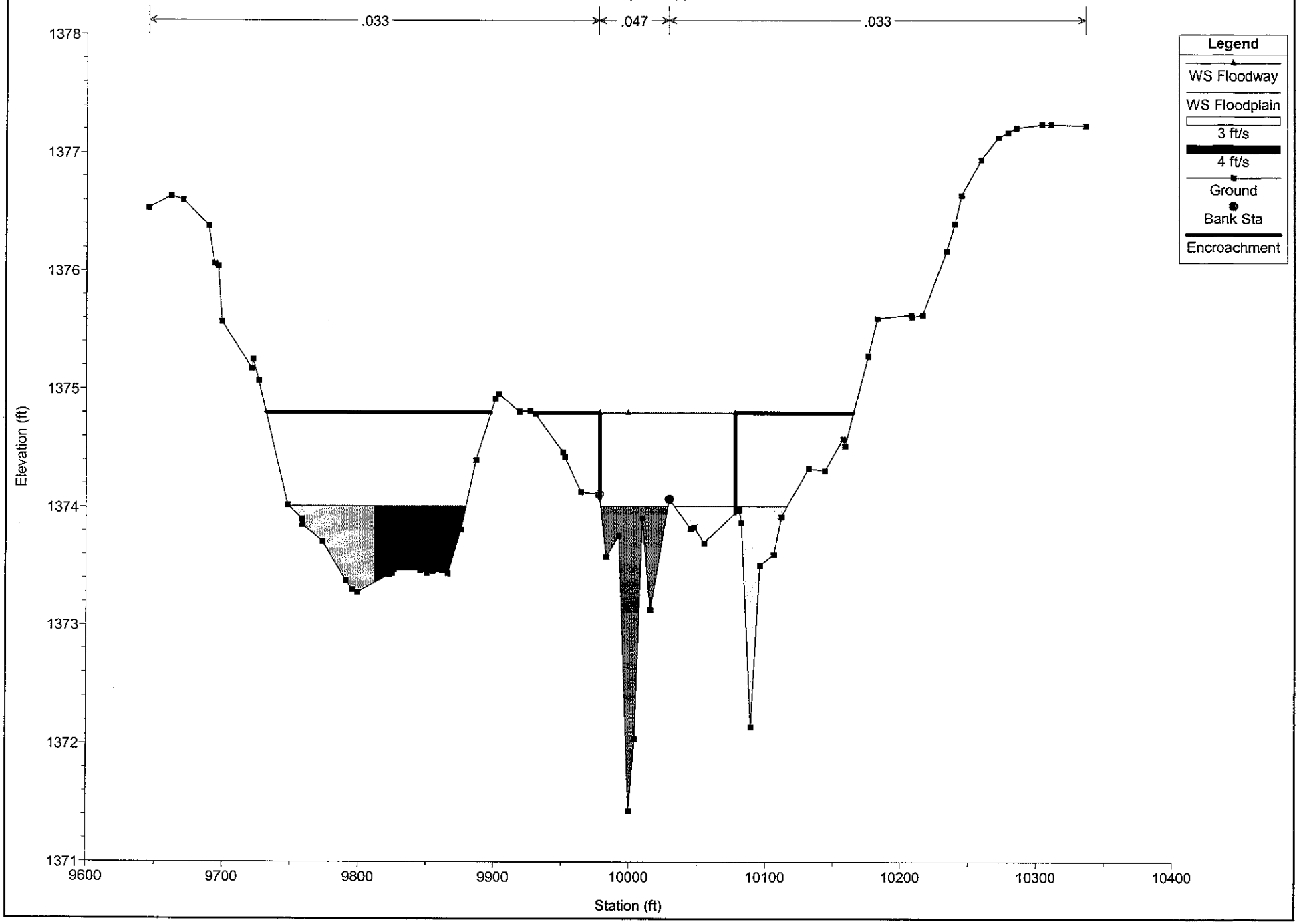
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 1.062



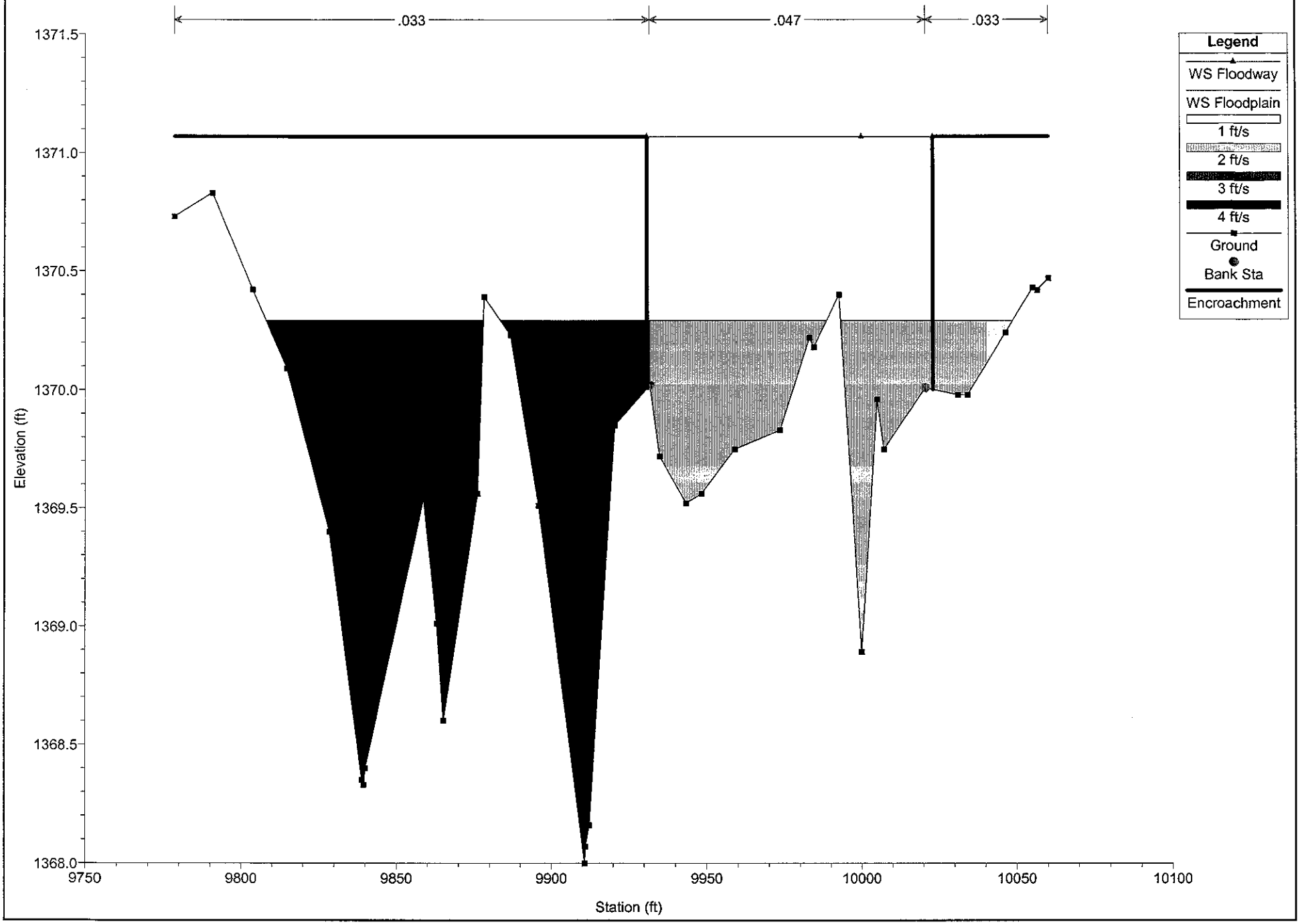
Wittmann ADMSU Plan: 10 East (South of CAP) 8/31/2005

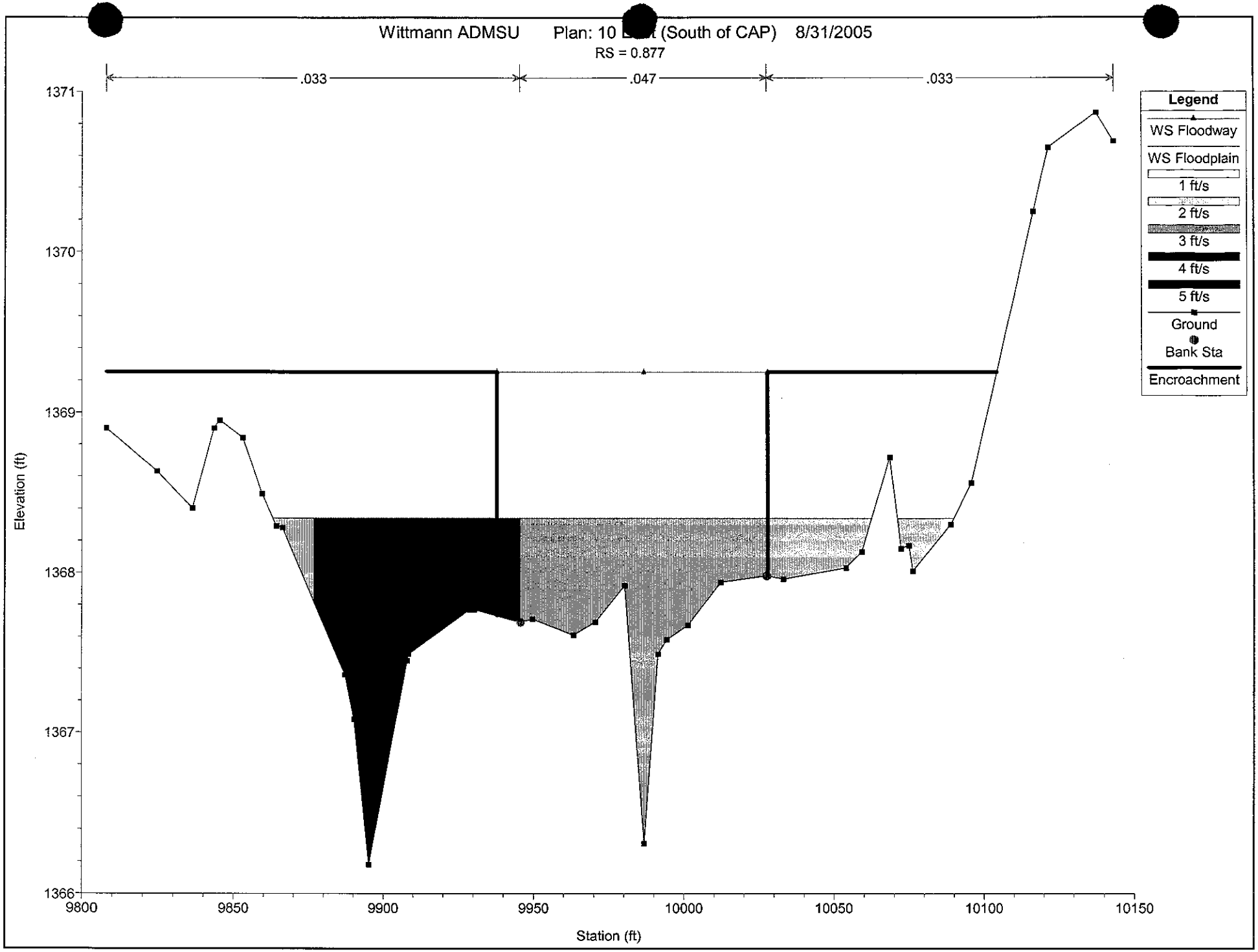
RS = 1.008



Wittmann ADMSU Plan: 10 [illegible]t (South of CAP) 8/31/2005

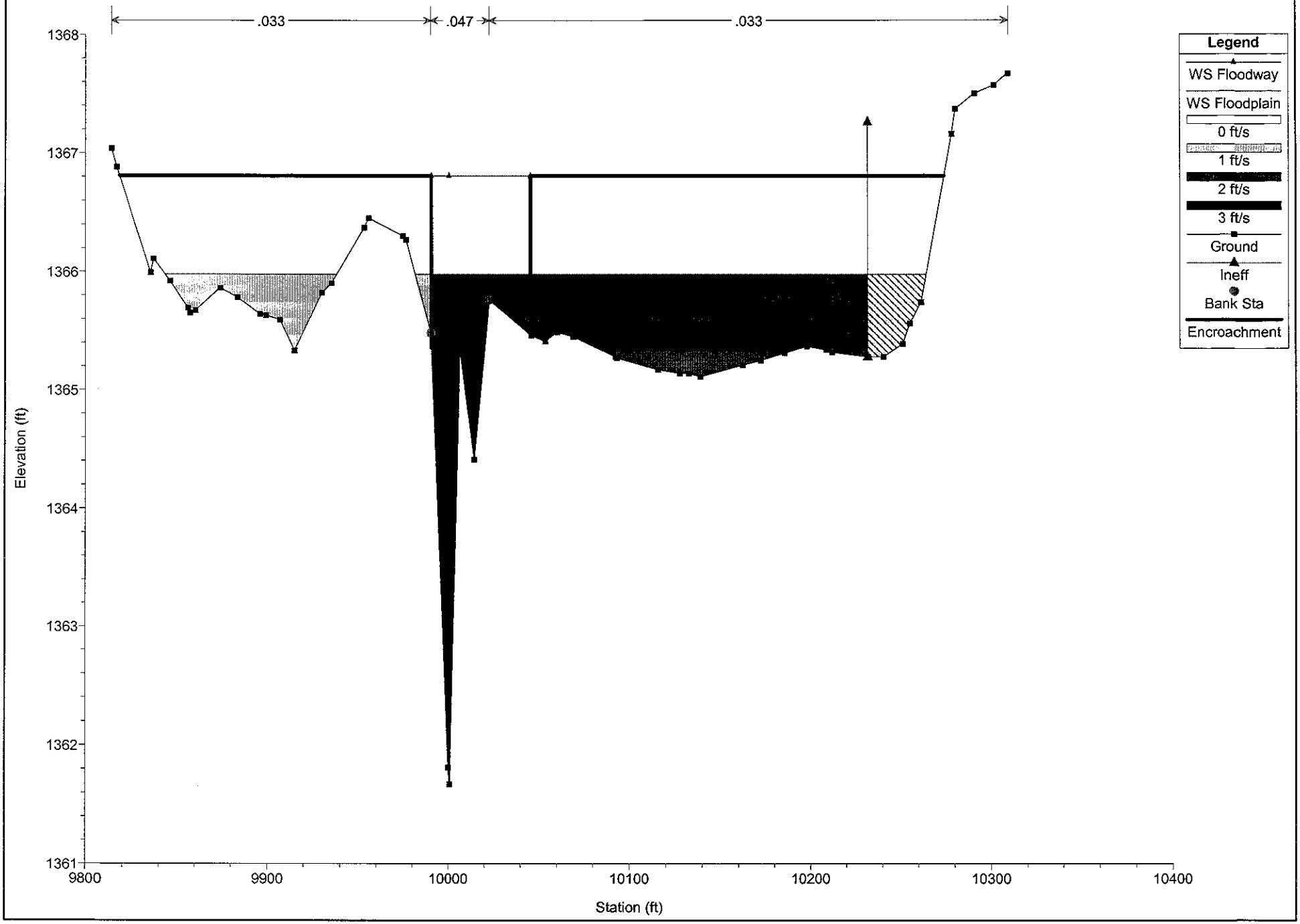
RS = 0.927

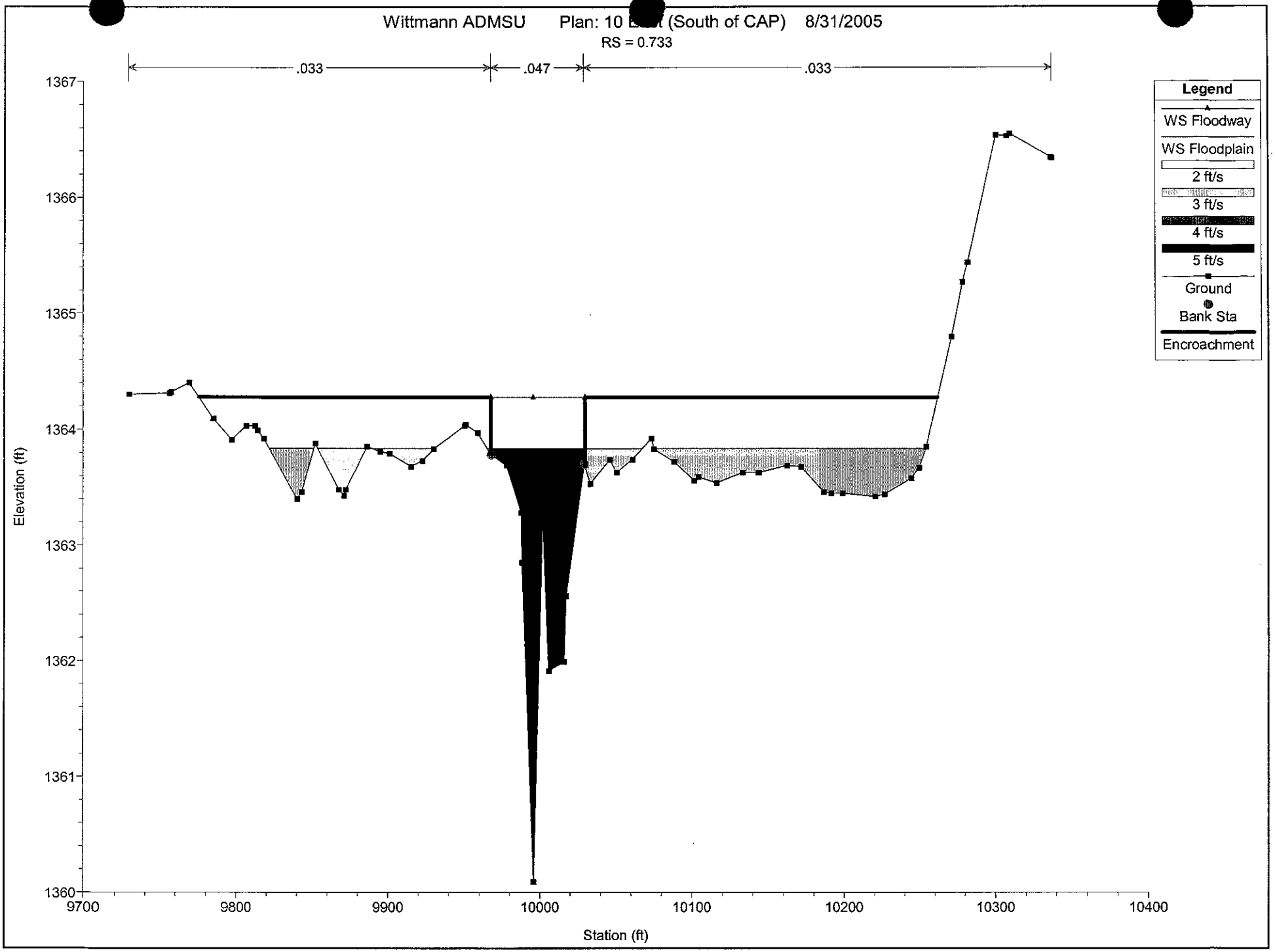



Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005
RS = 0.877
.033
.047
.033
Legend
WS Floodway
WS Floodplain
1 ft/s
2 ft/s
3 ft/s
4 ft/s
5 ft/s
Ground
Bank Sta
Encroachment
Elevation (ft)
1371
1370
1369
1368
1367
1366
9800
9850
9900
9950
10000
10050
10100
10150
Station (ft)

Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

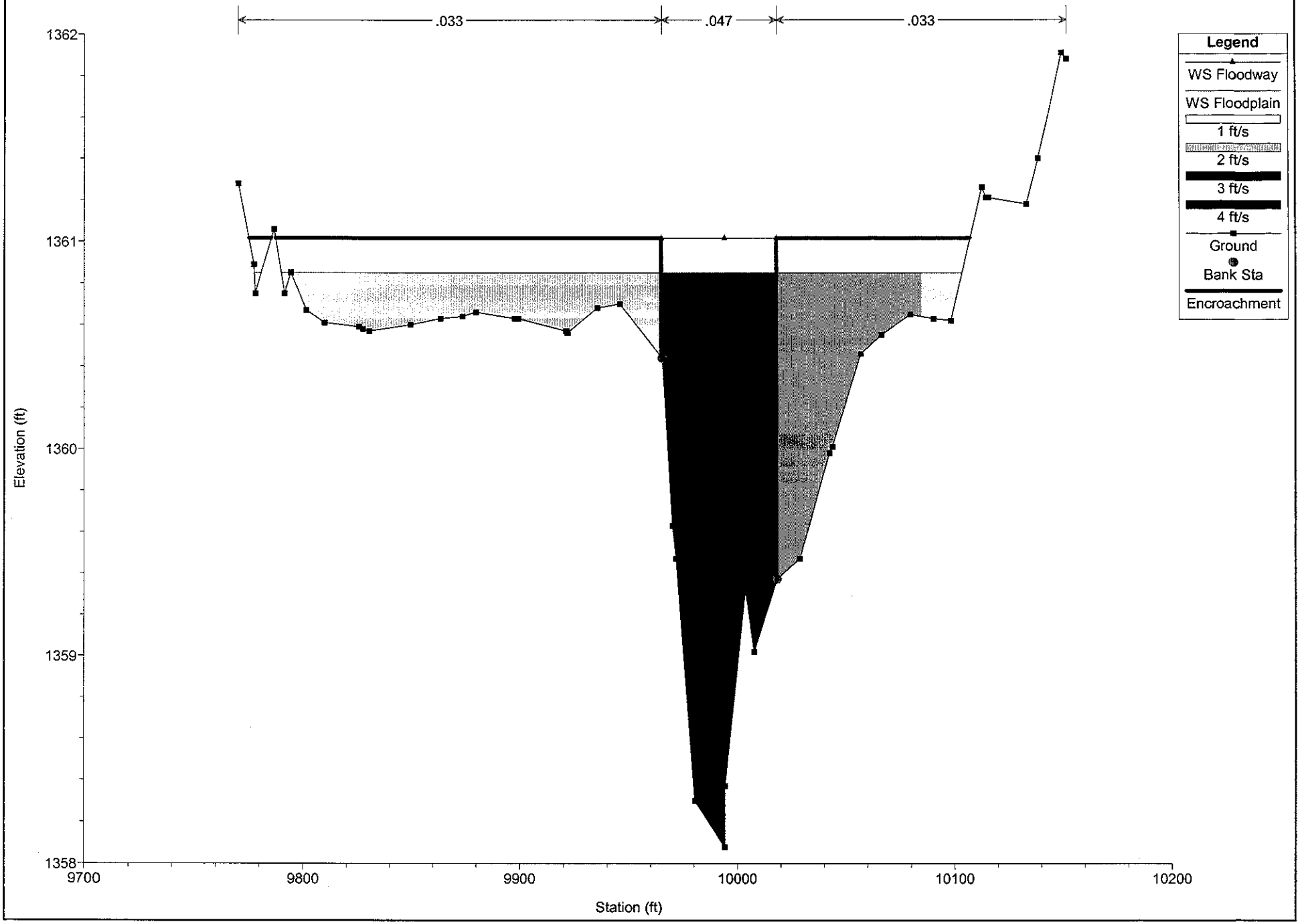
RS = 0.793




Wittmann ADMSU Plan: 10 (South of CAP) 8/31/2005
RS = 0.733
.033
.047
.033
Legend
WS Floodway
WS Floodplain
2 ft/s
3 ft/s
4 ft/s
5 ft/s
Ground
Bank Sta
Encroachment
Elevation (ft)
1367
1366
1365
1364
1363
1362
1361
1360
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

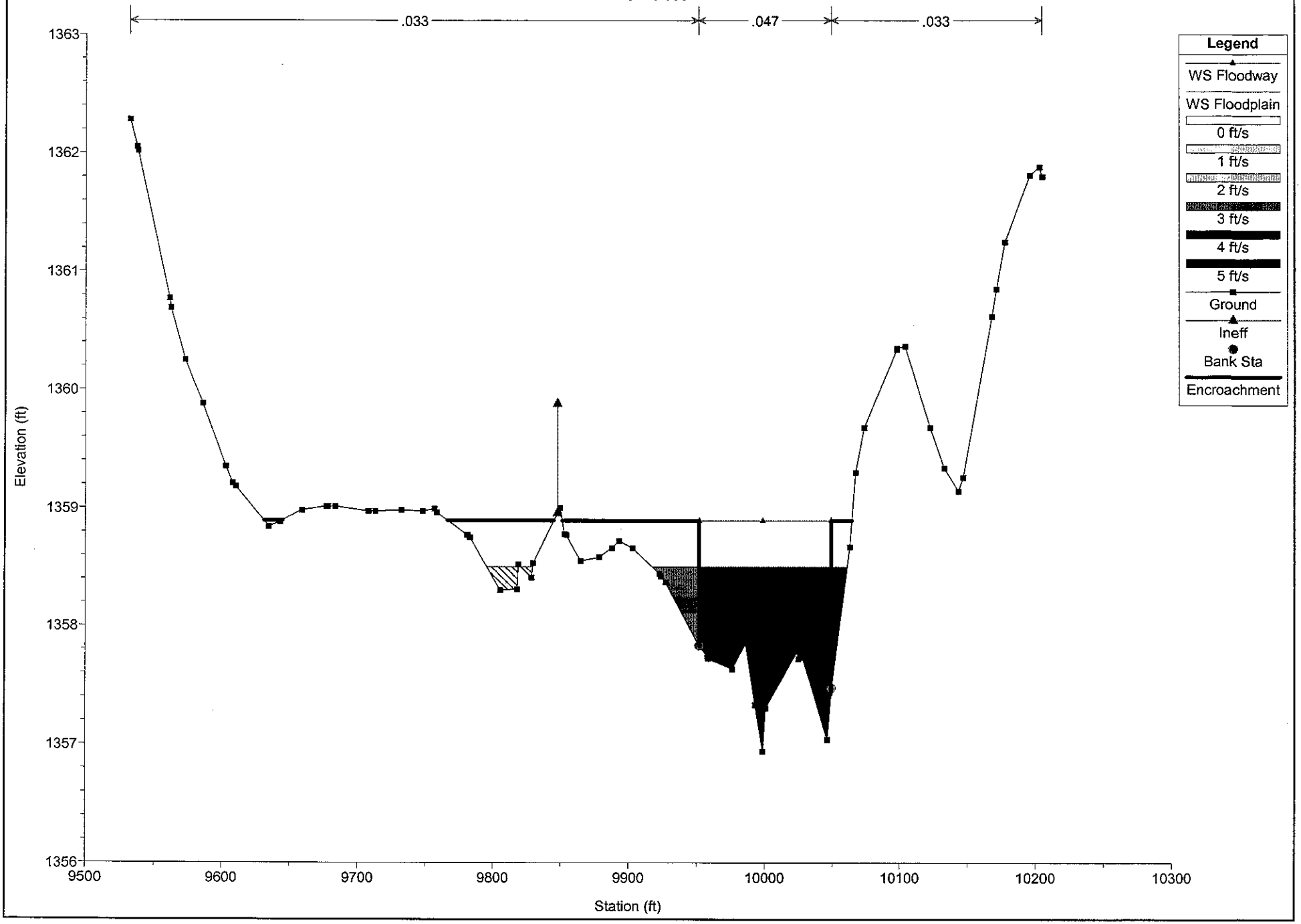
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 0.656



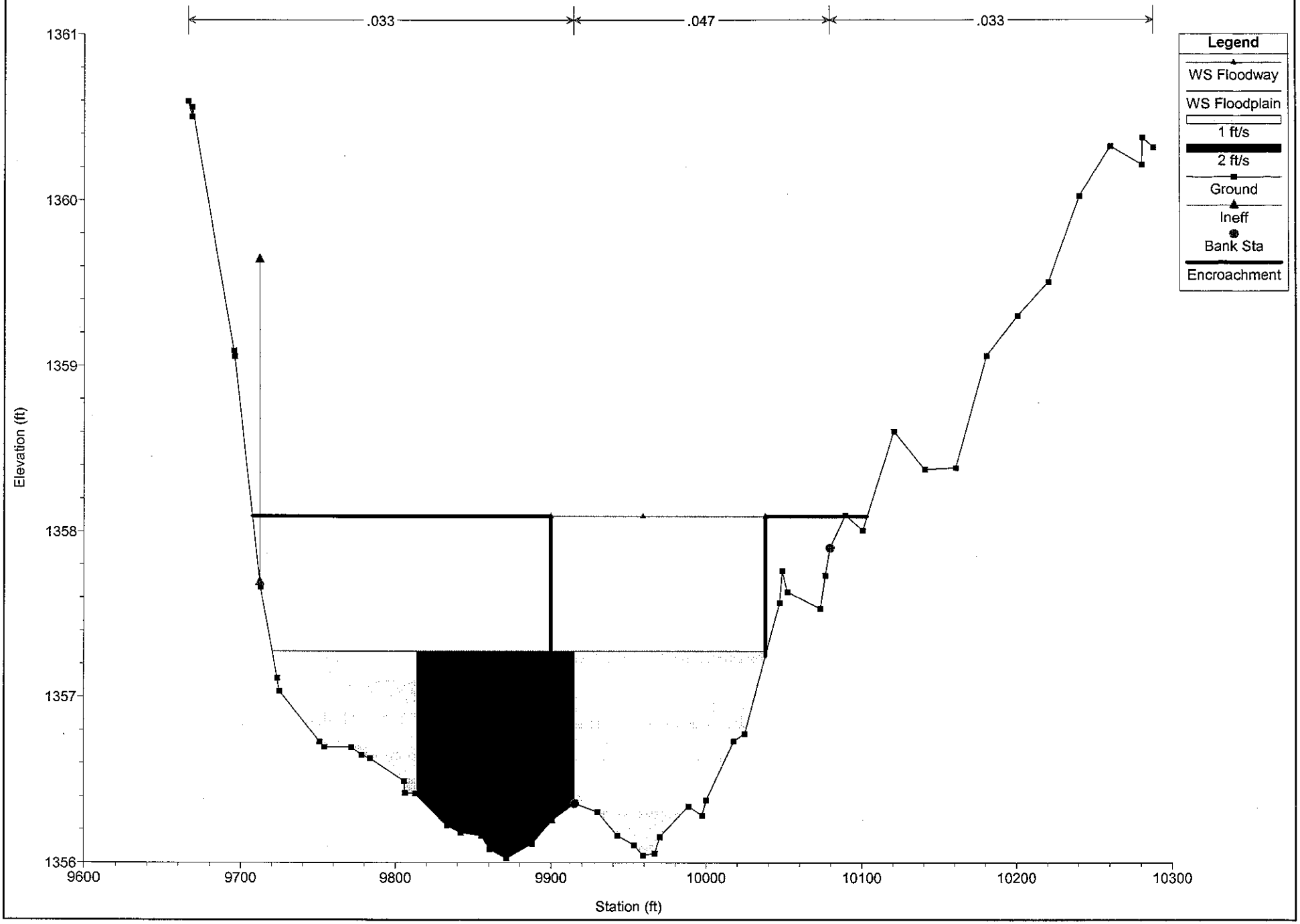
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 0.596



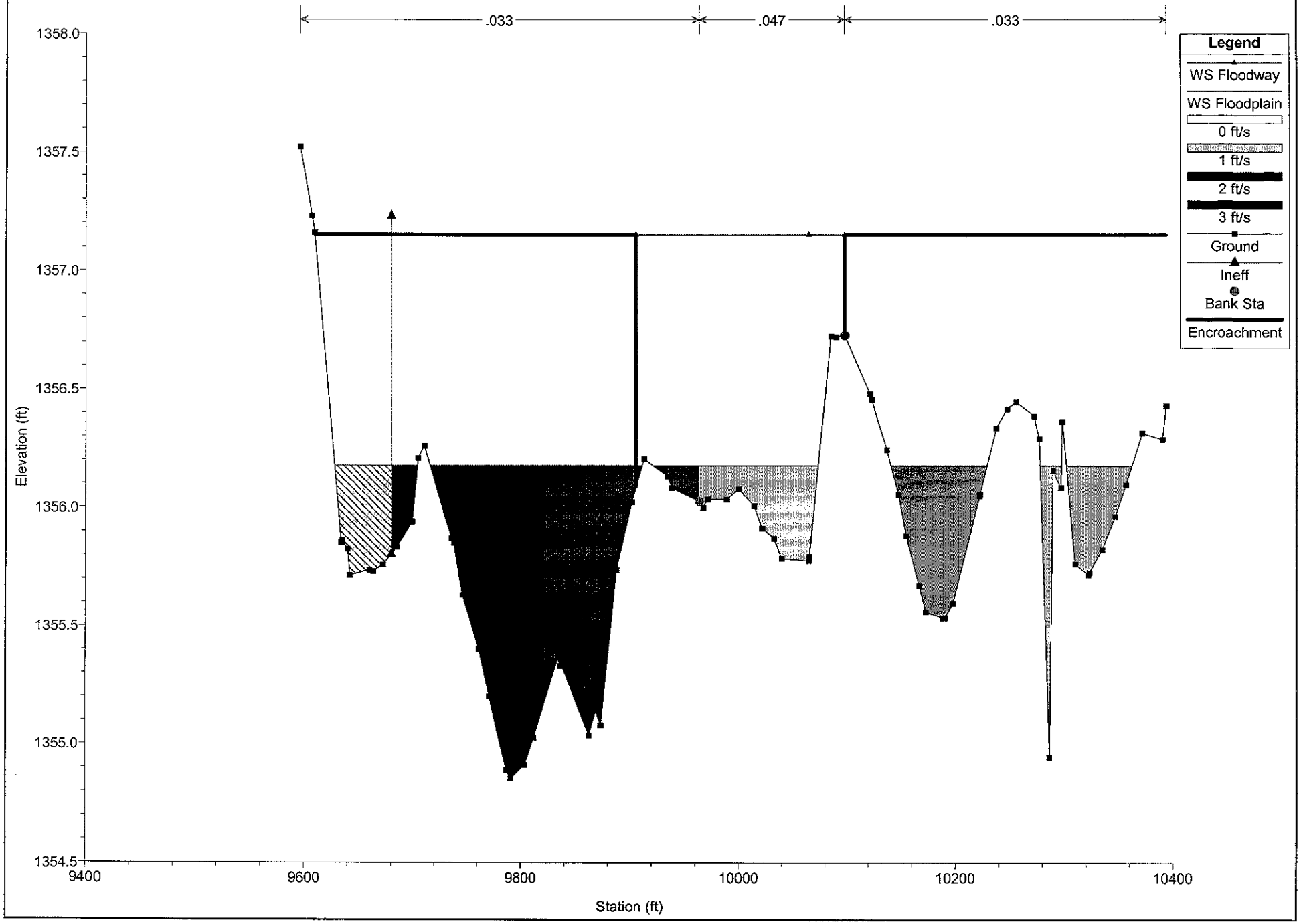
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

RS = 0.541

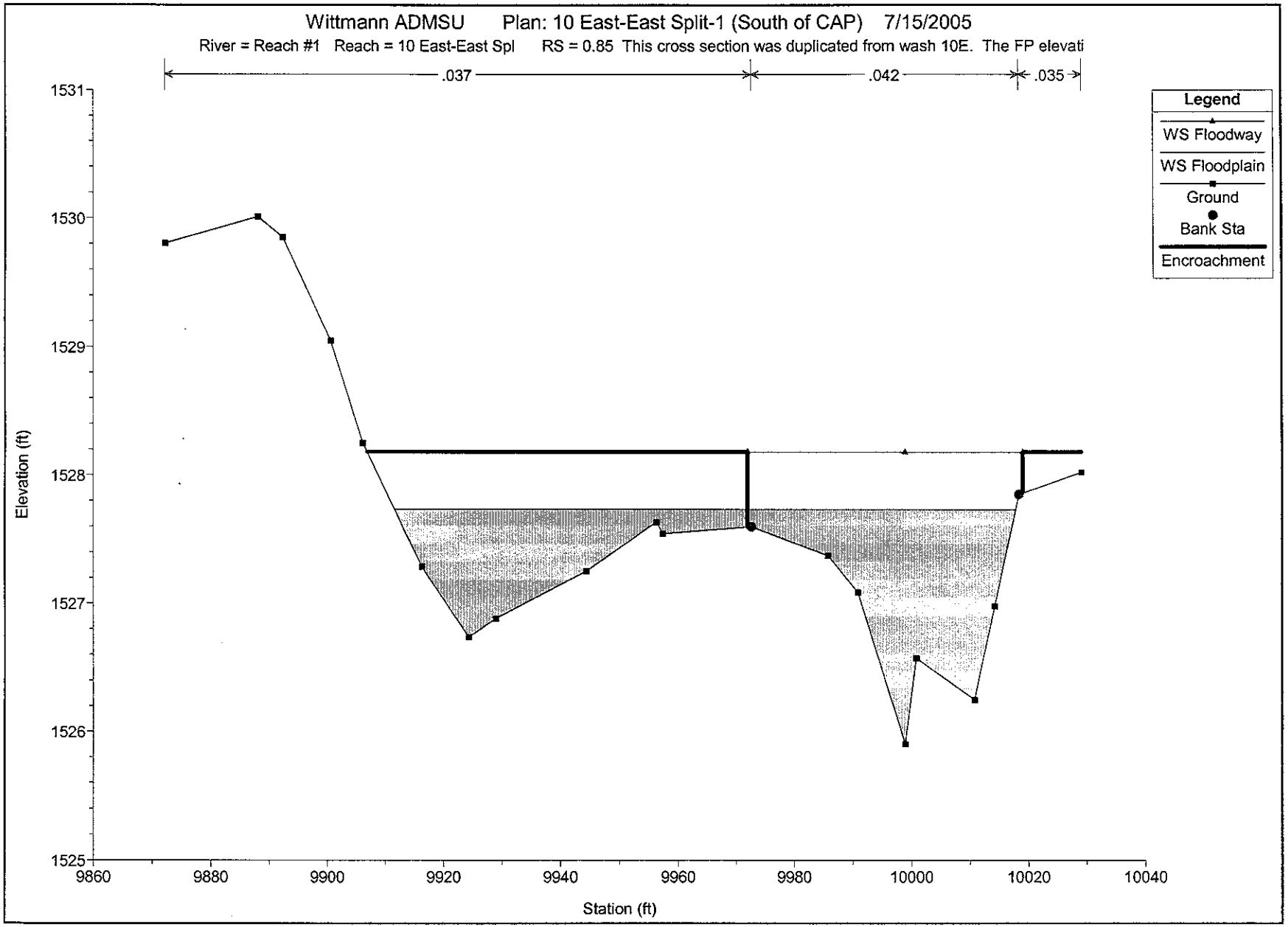


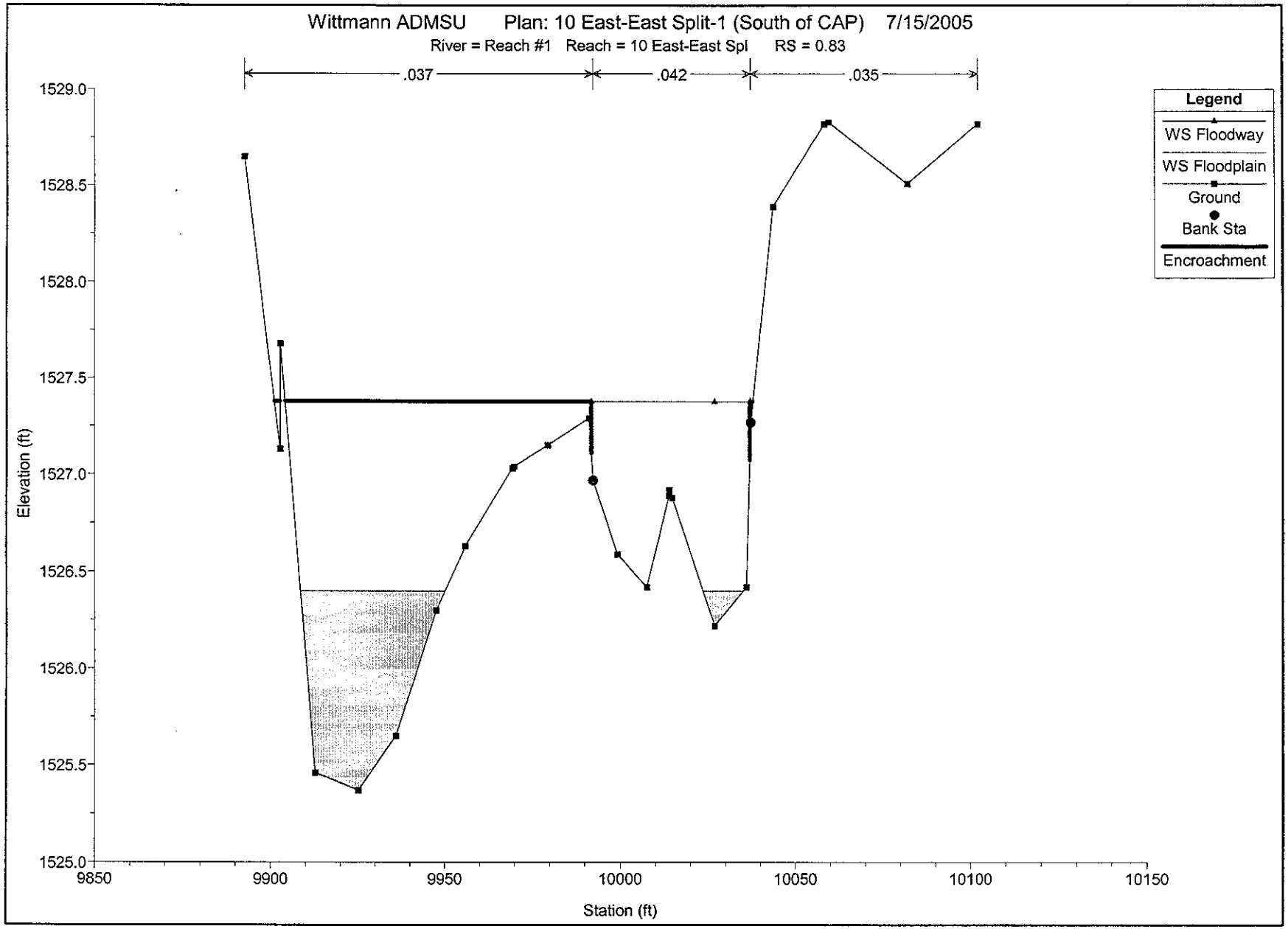
Wittmann ADMSU Plan: 10 [illegible] (South of CAP) 8/31/2005

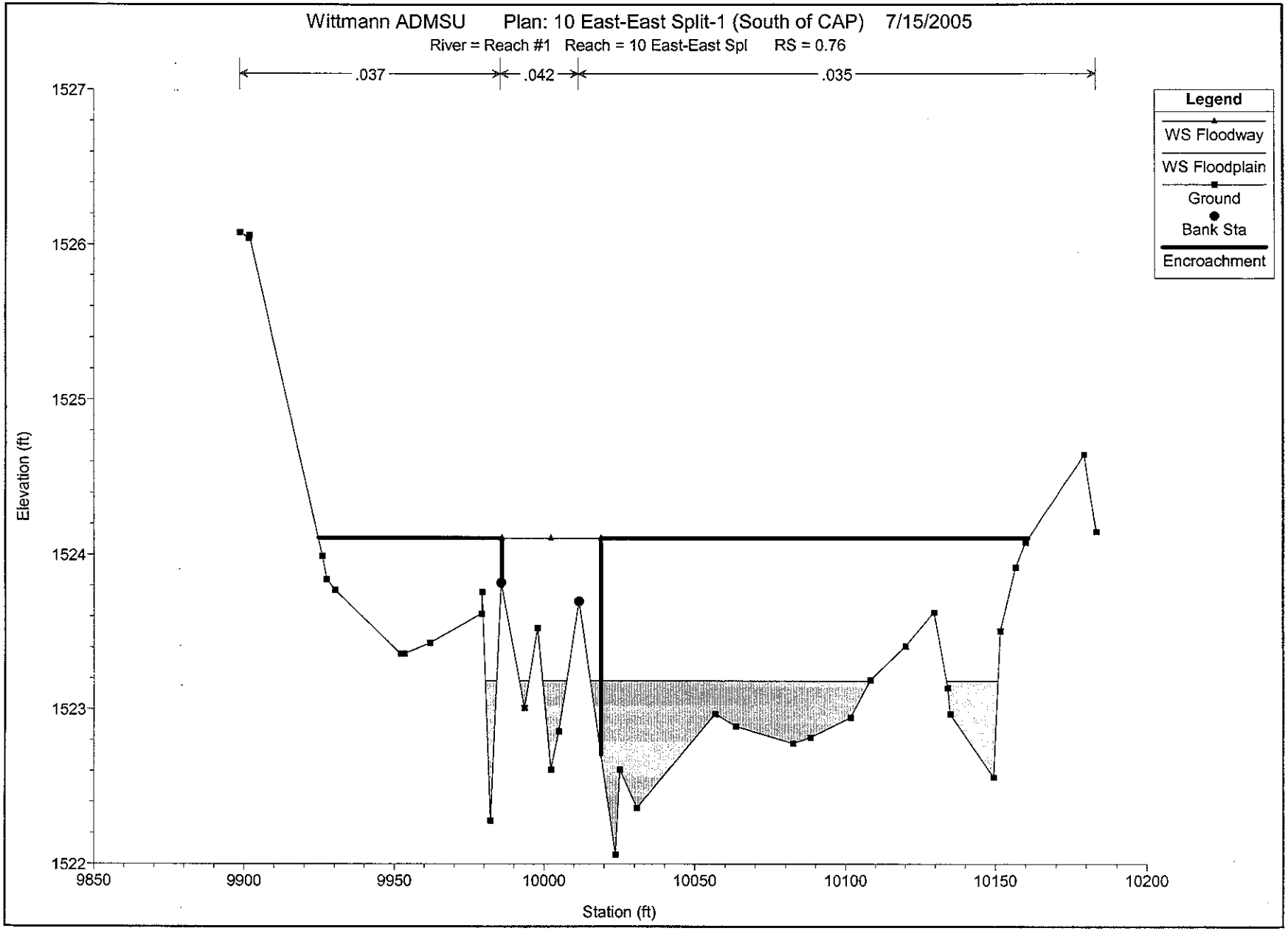
RS = 0.462

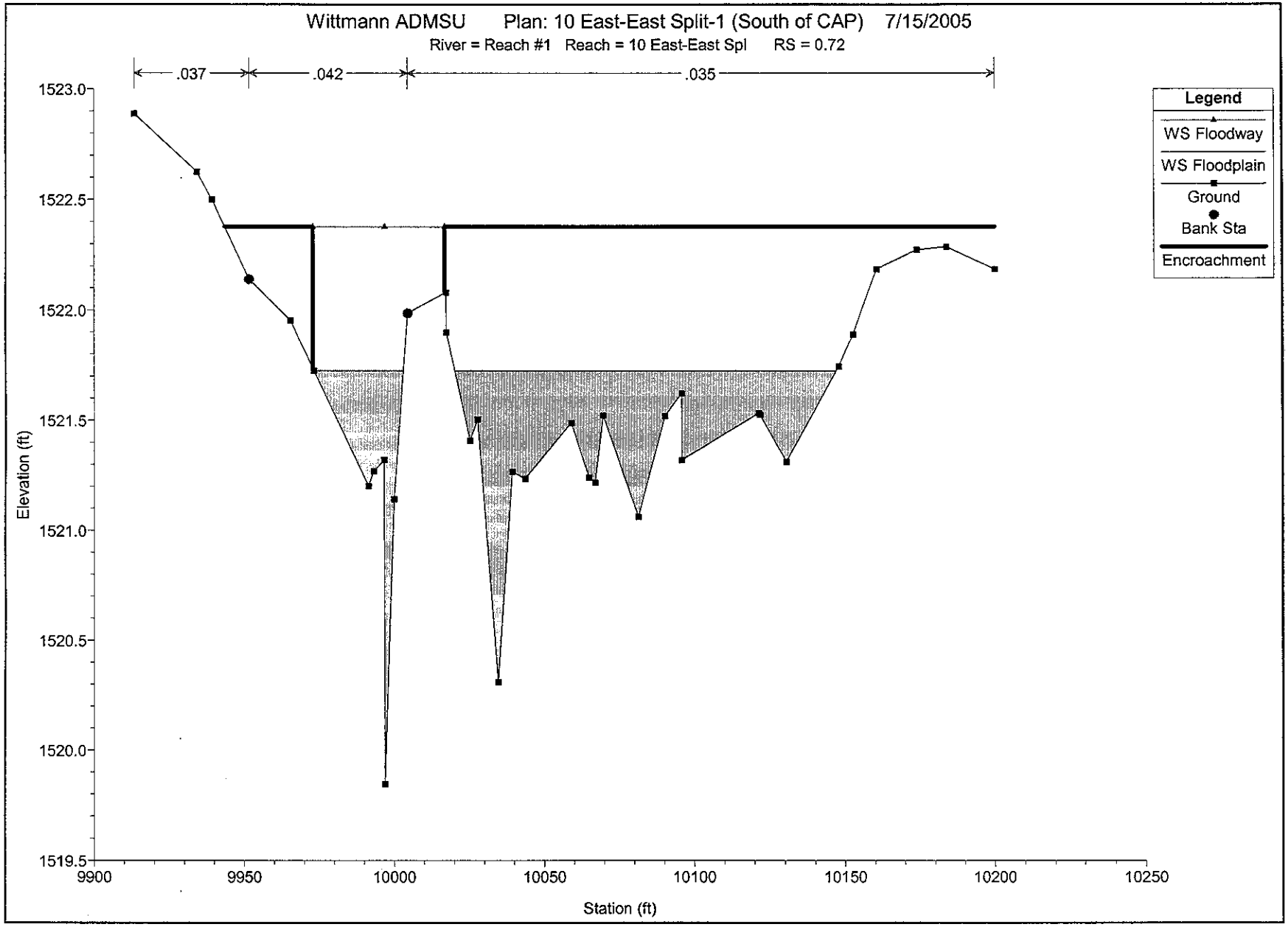


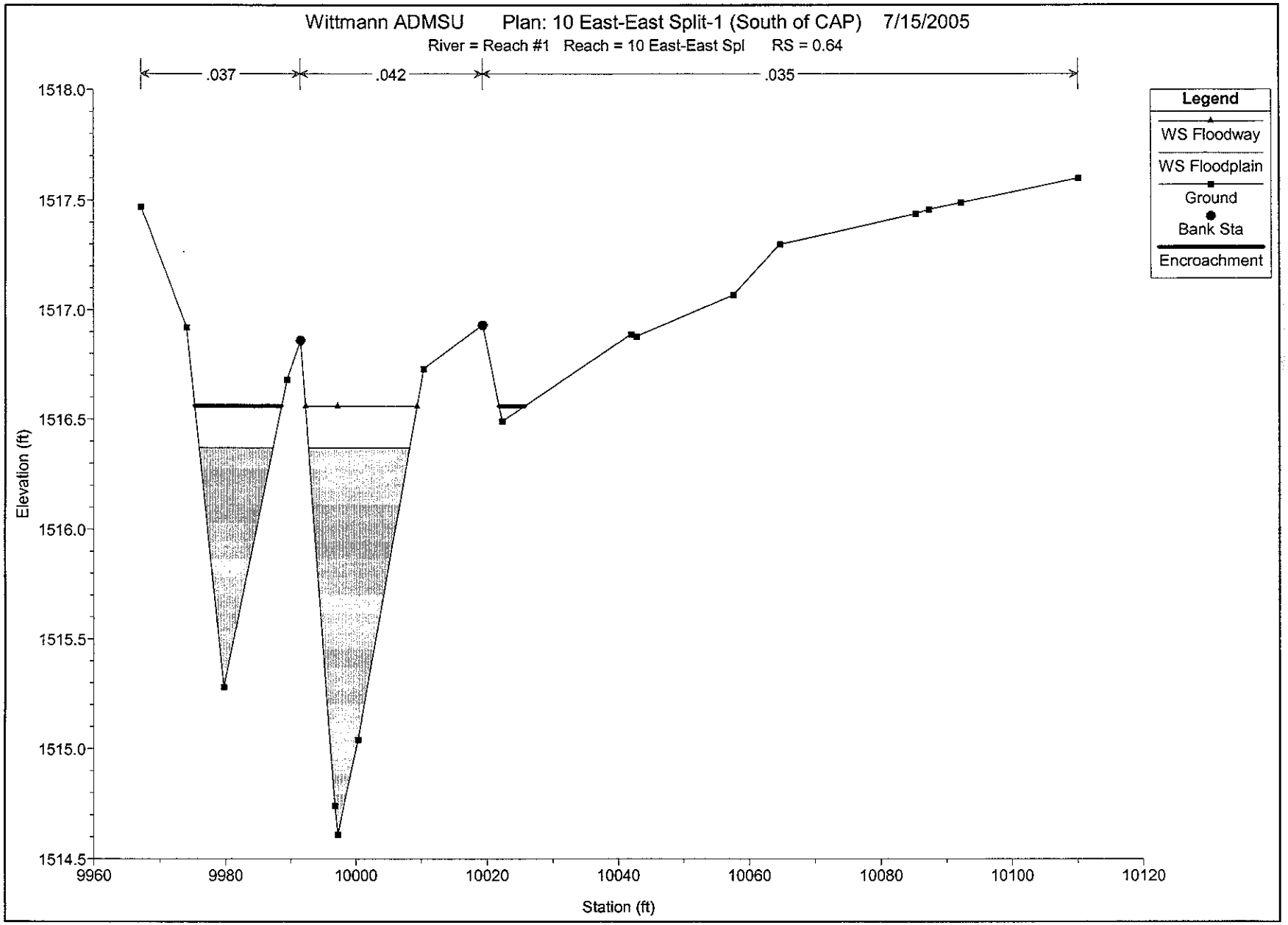
10 EAST (EAST SPLIT-1)

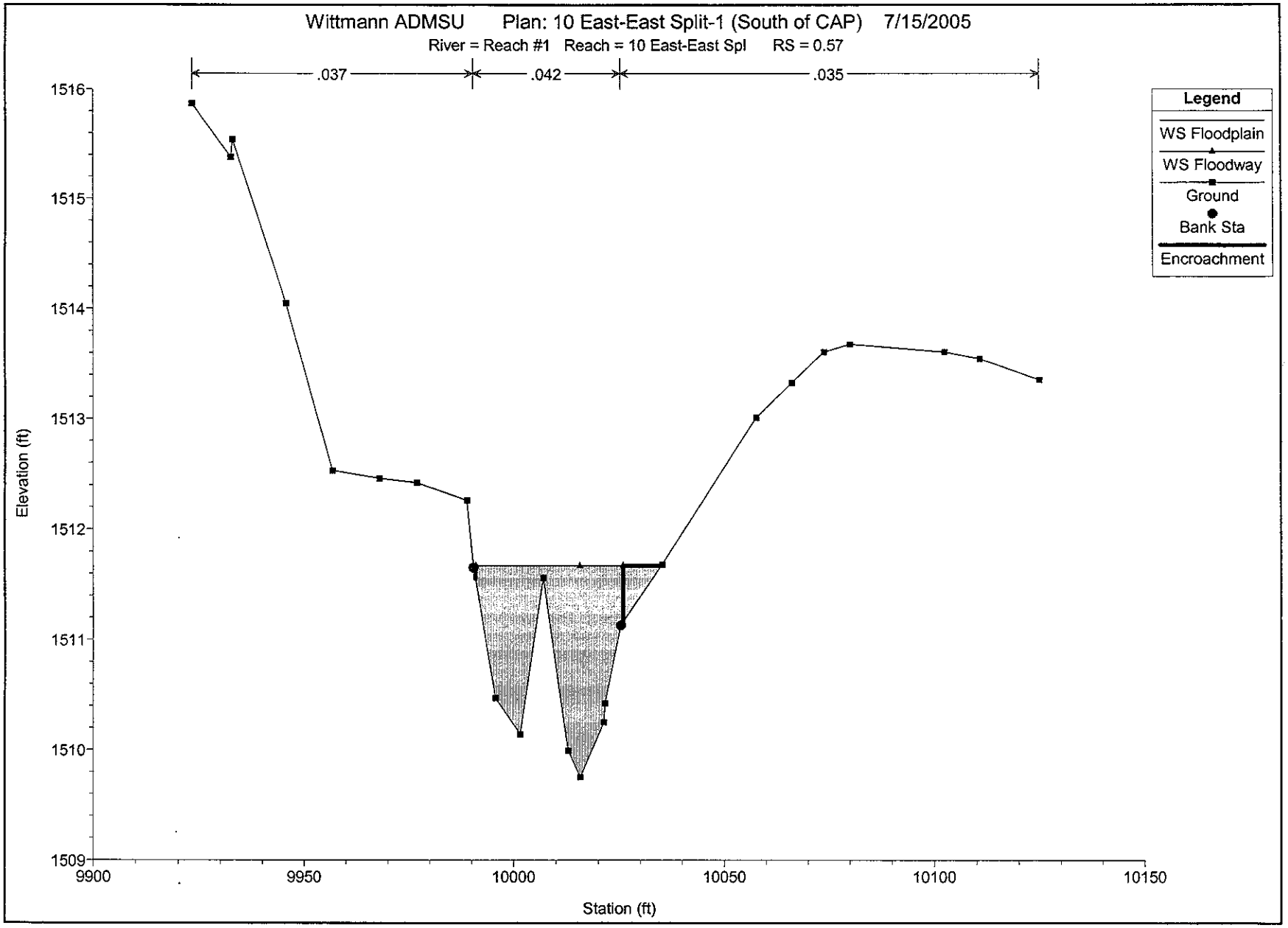

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.85 This cross section was duplicated from wash 10E. The FP elevati
.037
.042
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1531
1530
1529
1528
1527
1526
1525
9860
9880
9900
9920
9940
9960
9980
10000
10020
10040
Station (ft)

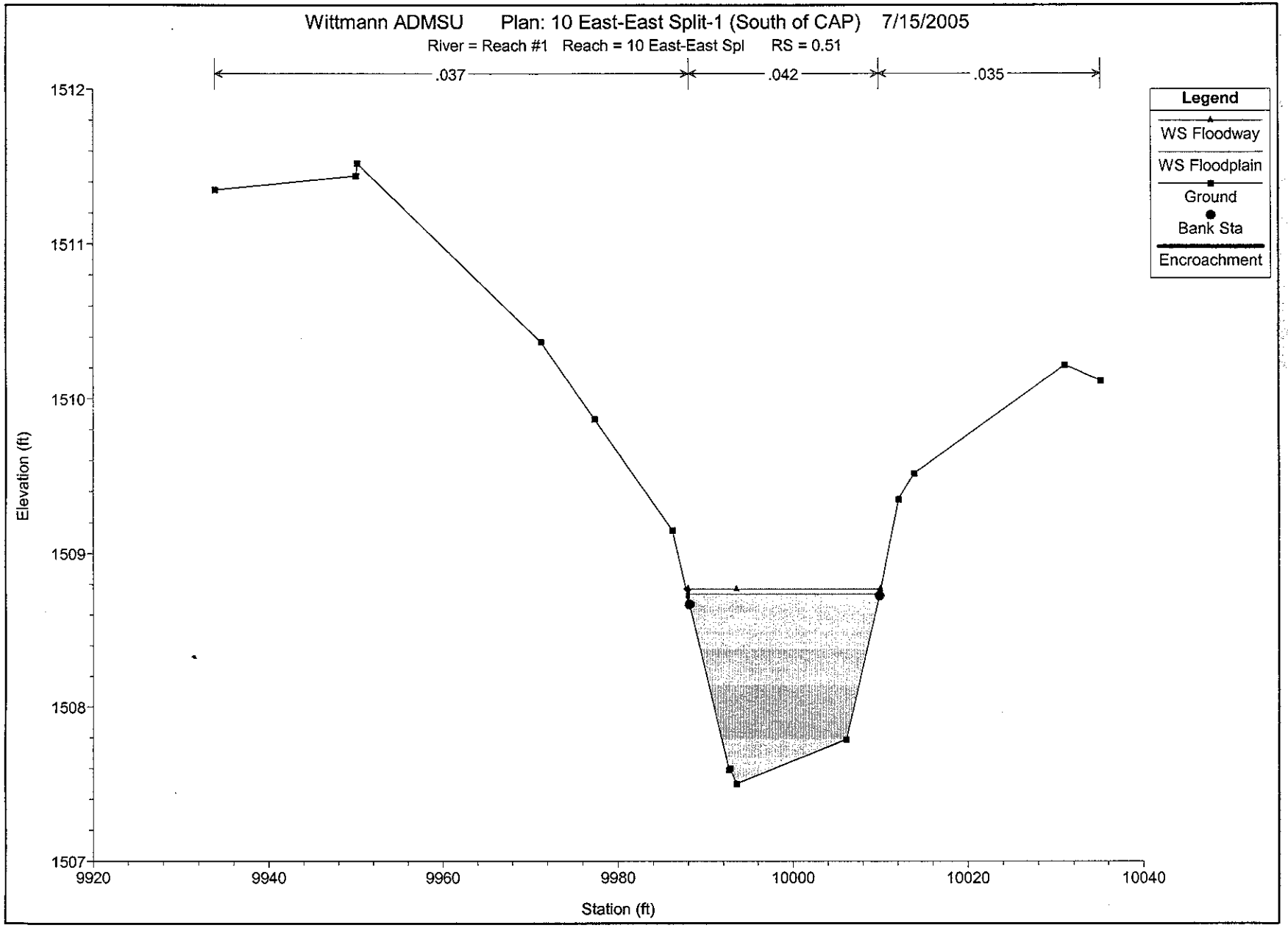

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.83
.037
.042
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1529.0
1528.5
1528.0
1527.5
1527.0
1526.5
1526.0
1525.5
1525.0
9850
9900
9950
10000
10050
10100
10150
Station (ft)

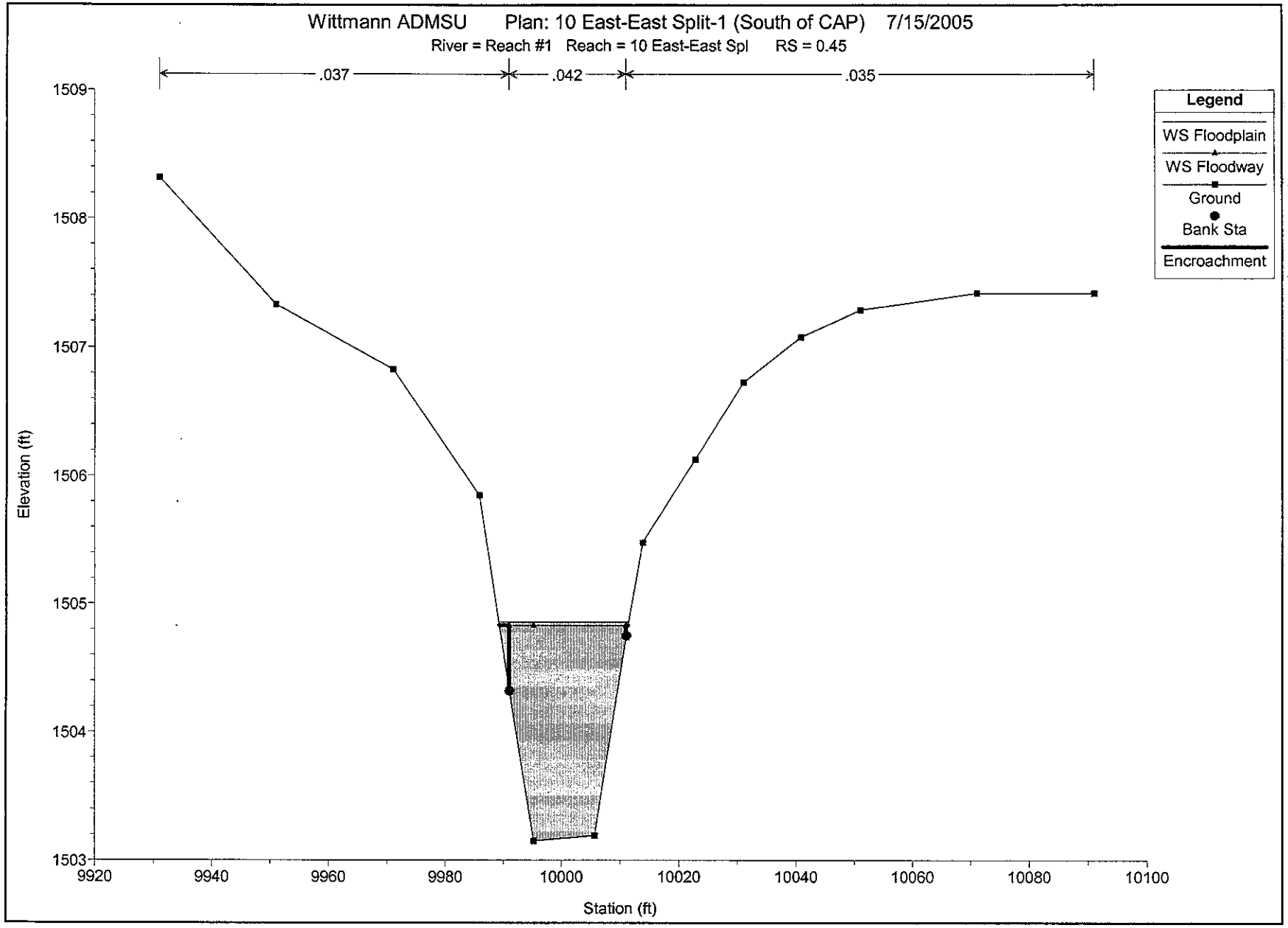

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.76
.037
.042
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1527
1526
1525
1524
1523
1522
9850
9900
9950
10000
10050
10100
10150
10200
Station (ft)

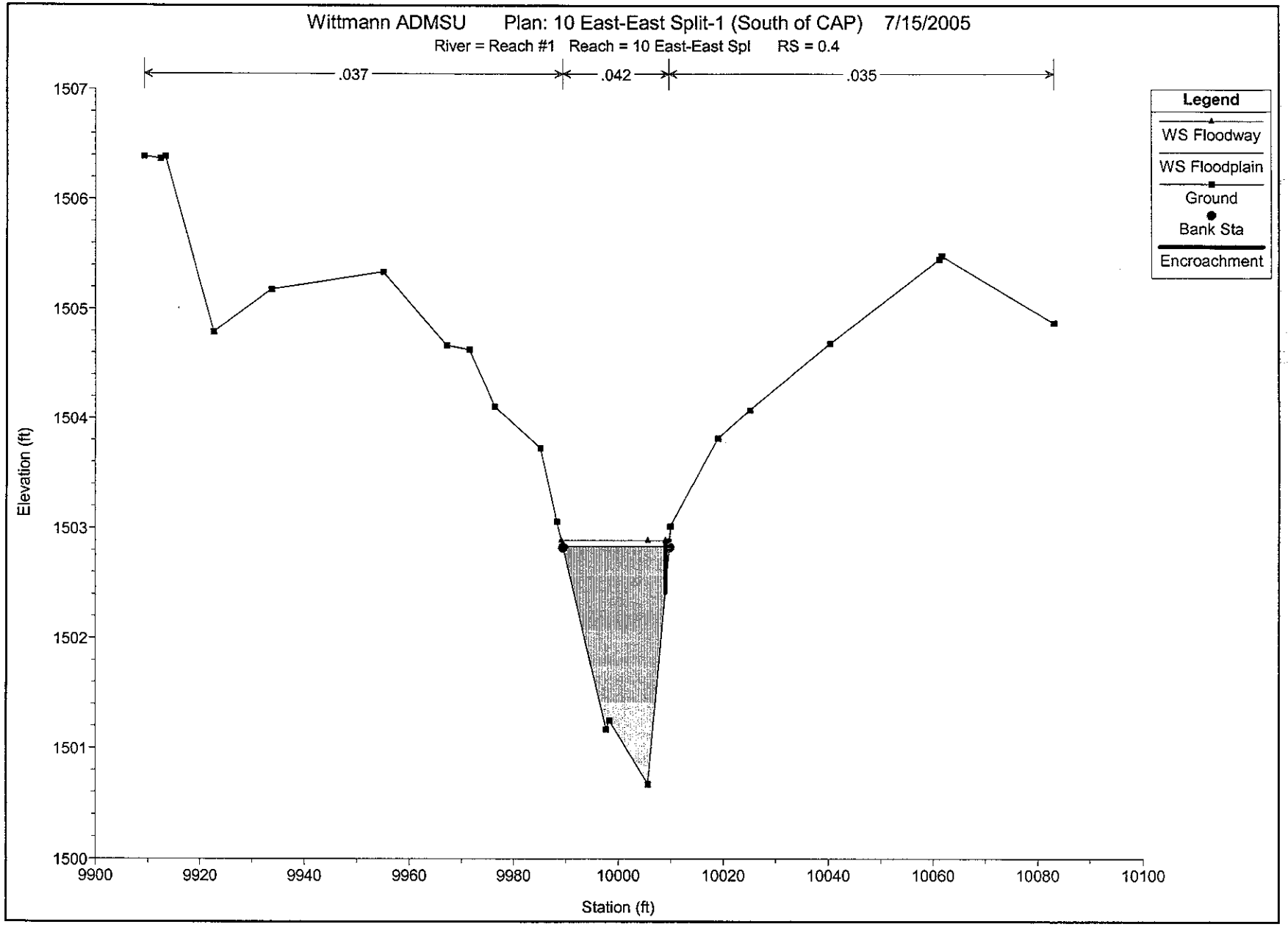

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.72
.037
.042
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1523.0
1522.5
1522.0
1521.5
1521.0
1520.5
1520.0
1519.5
9900
9950
10000
10050
10100
10150
10200
10250
Station (ft)

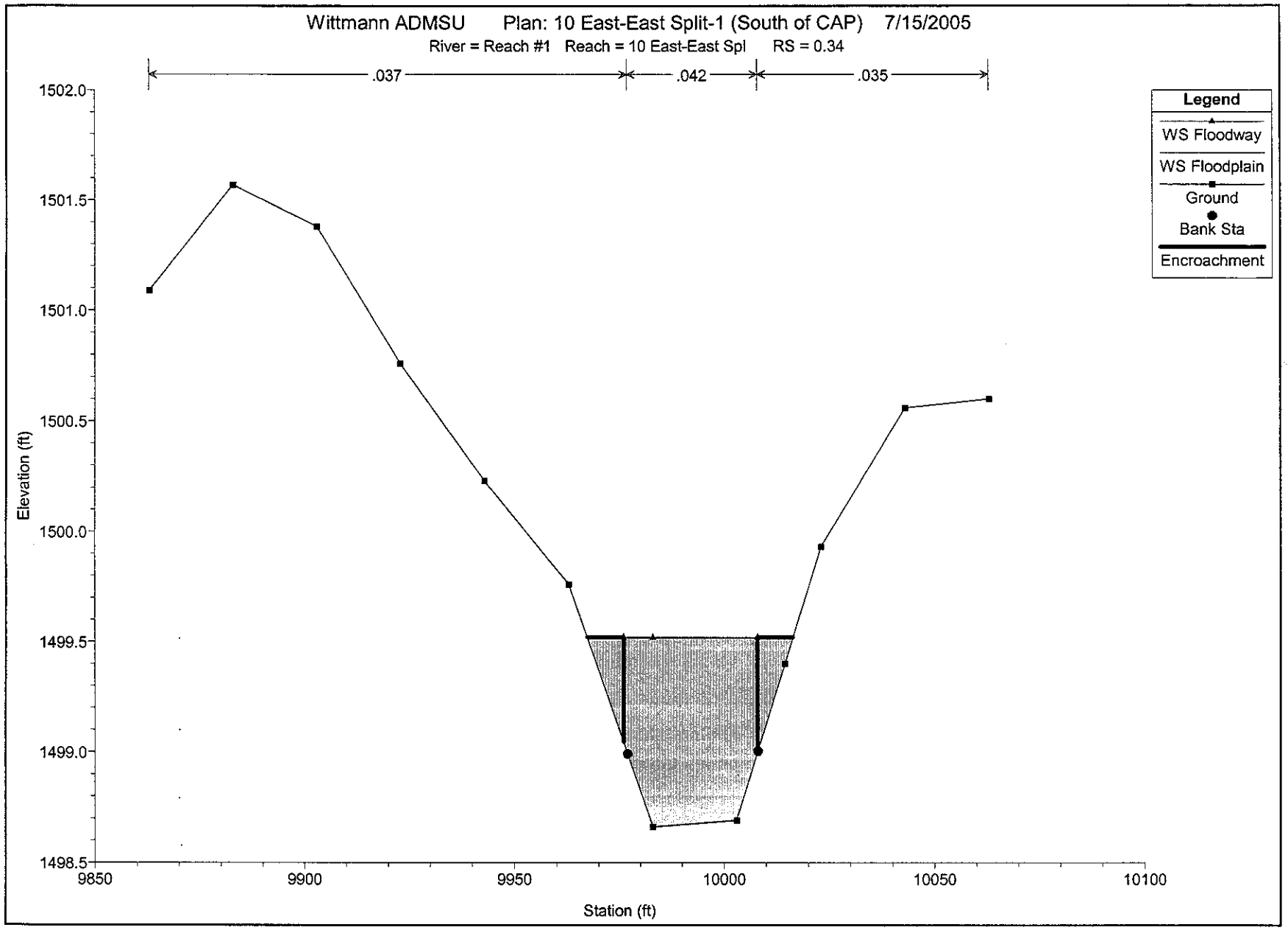

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.64
.037
.042
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1518.0
1517.5
1517.0
1516.5
1516.0
1515.5
1515.0
1514.5
9960
9980
10000
10020
10040
10060
10080
10100
10120
Station (ft)

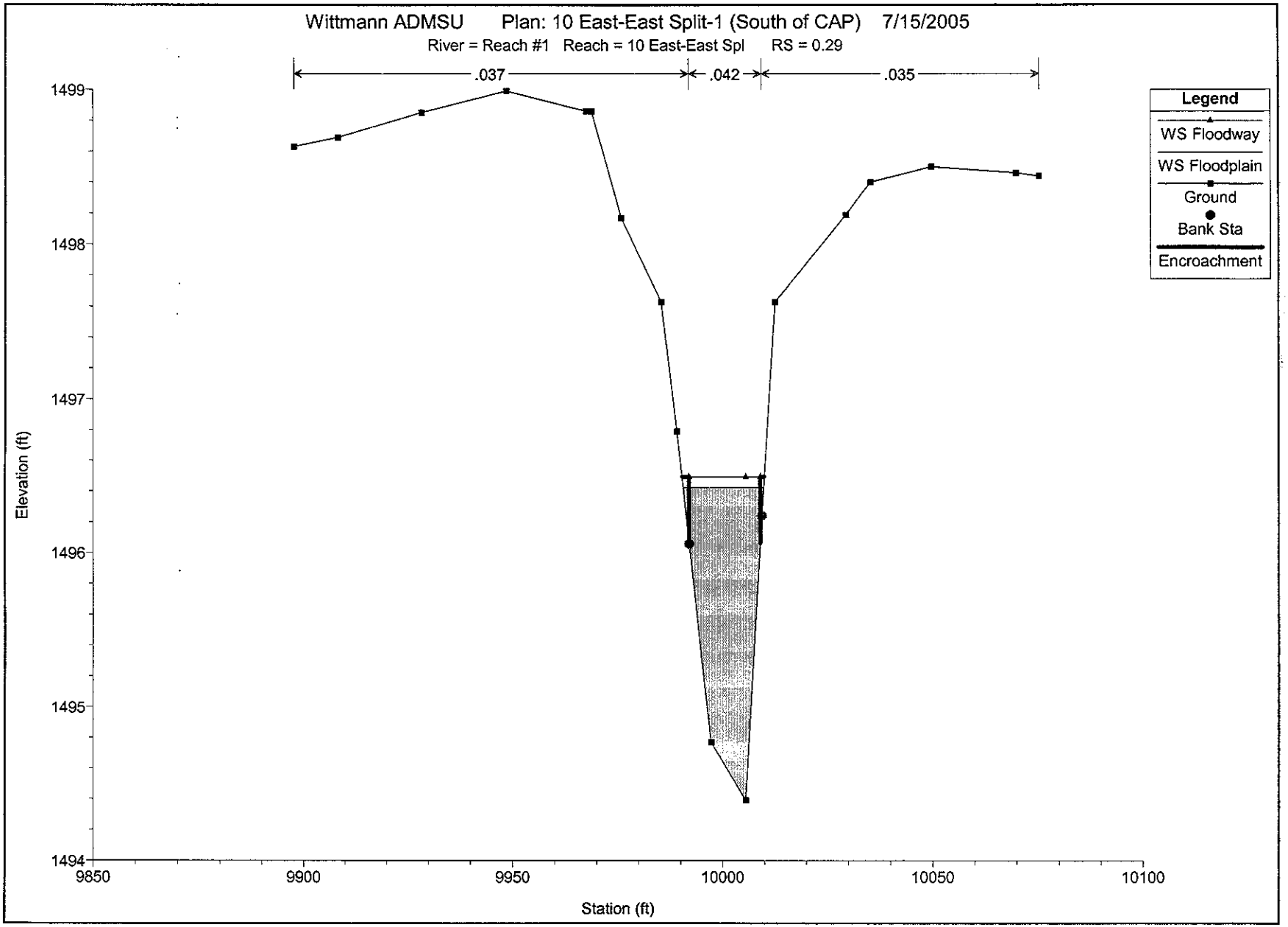

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.57
.037
.042
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1516
1515
1514
1513
1512
1511
1510
1509
9900
9950
10000
10050
10100
10150
Station (ft)

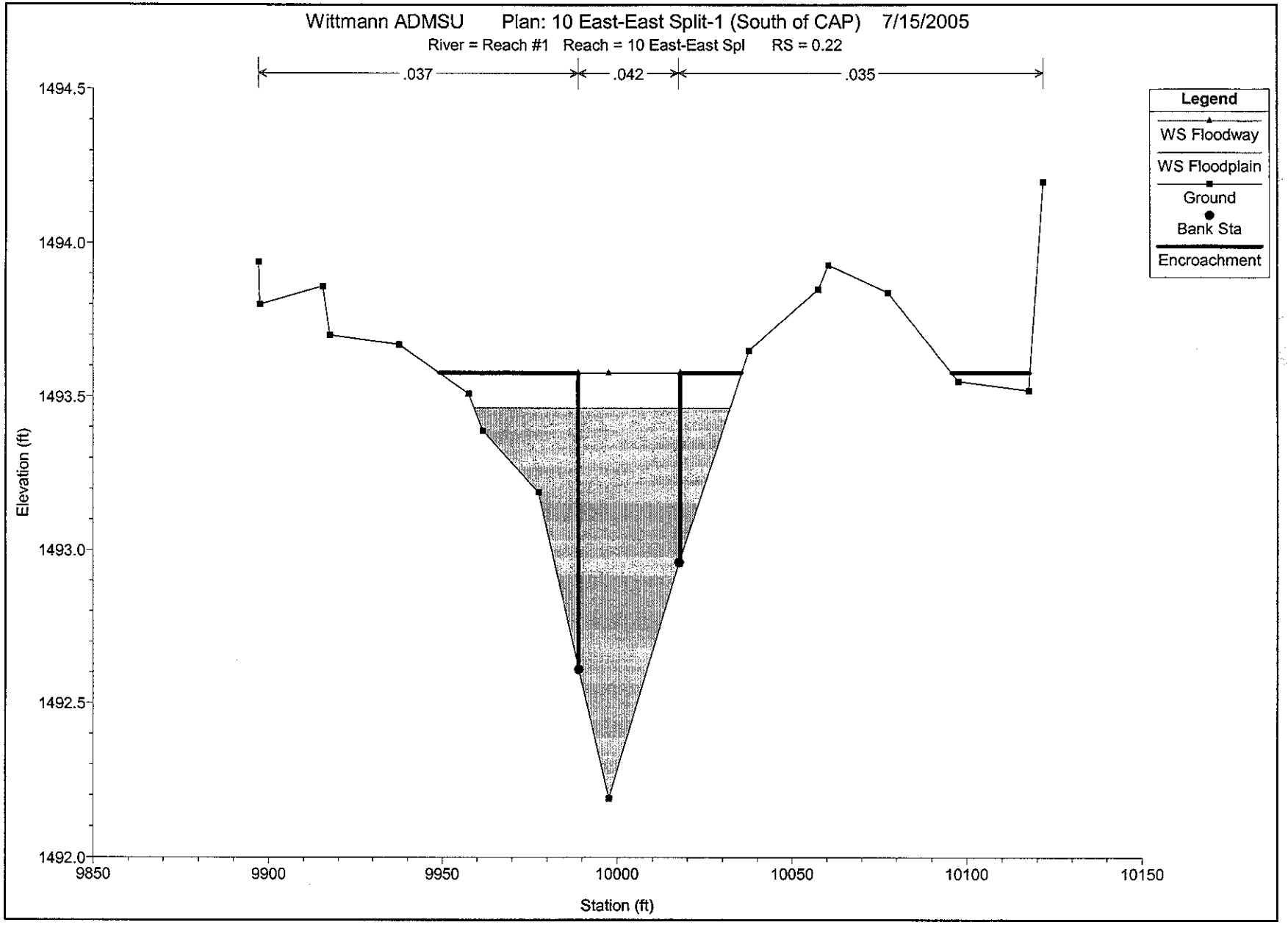

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.51
.037
.042
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1512
1511
1510
1509
1508
1507
9920
9940
9960
9980
10000
10020
10040
Station (ft)

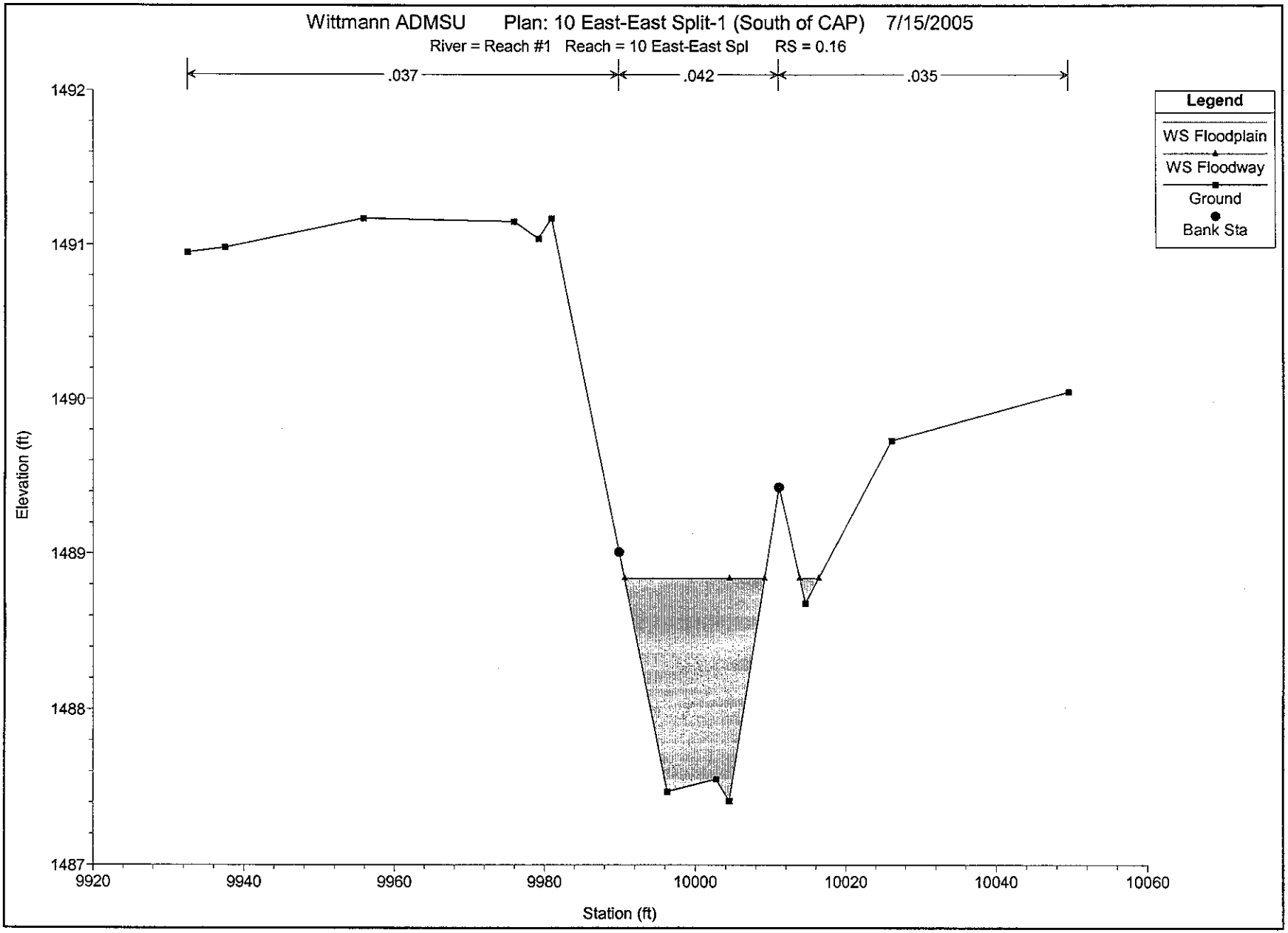

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.45
.037
.042
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Encroachment
Elevation (ft)
1509
1508
1507
1506
1505
1504
1503
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

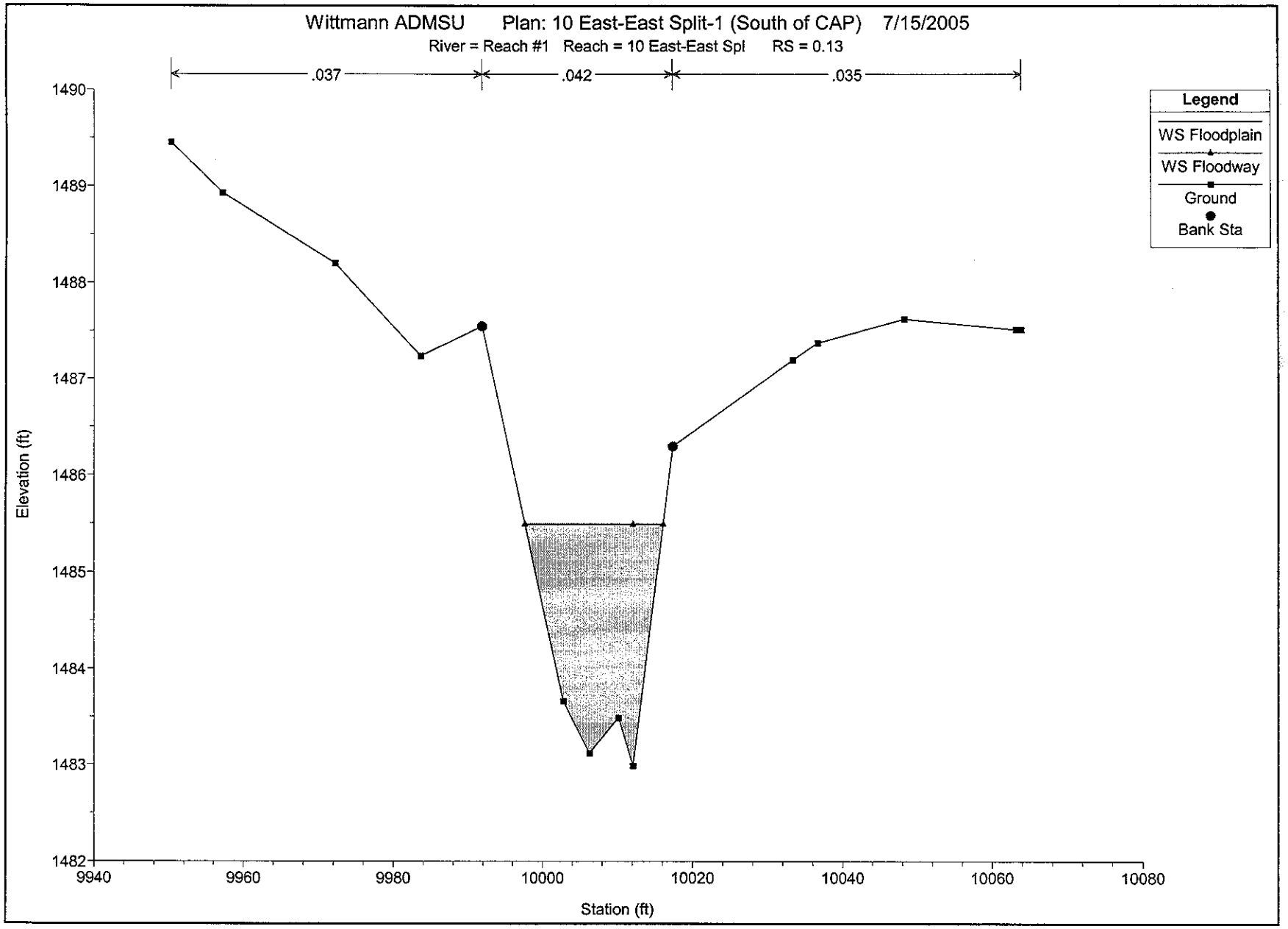

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.4
.037
.042
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1507
1506
1505
1504
1503
1502
1501
1500
9900
9920
9940
9960
9980
10000
10020
10040
10060
10080
10100
Station (ft)

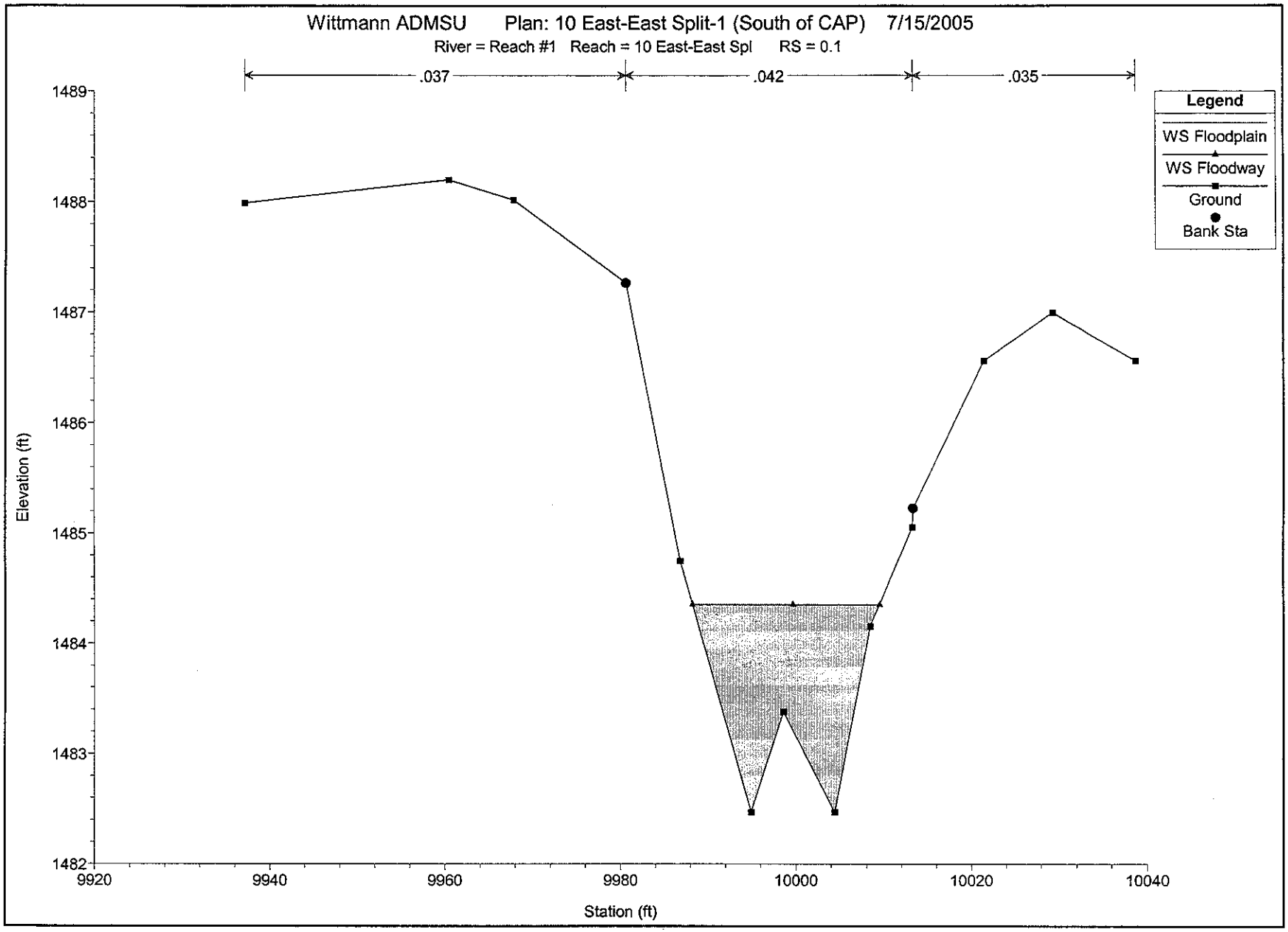

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.34
.037
.042
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1502.0
1501.5
1501.0
1500.5
1500.0
1499.5
1499.0
1498.5
9850
9900
9950
10000
10050
10100
Station (ft)


Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.29
.037
.042
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1499
1498
1497
1496
1495
1494
9850
9900
9950
10000
10050
10100
Station (ft)


Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.22
.037
.042
.035
Legend
WS Floodway
WS Floodplain
Ground
Bank Sta
Encroachment
Elevation (ft)
1494.5
1494.0
1493.5
1493.0
1492.5
1492.0
9850
9900
9950
10000
10050
10100
10150
Station (ft)


Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.16
.037
.042
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1492
1491
1490
1489
1488
1487
9920
9940
9960
9980
10000
10020
10040
10060
Station (ft)

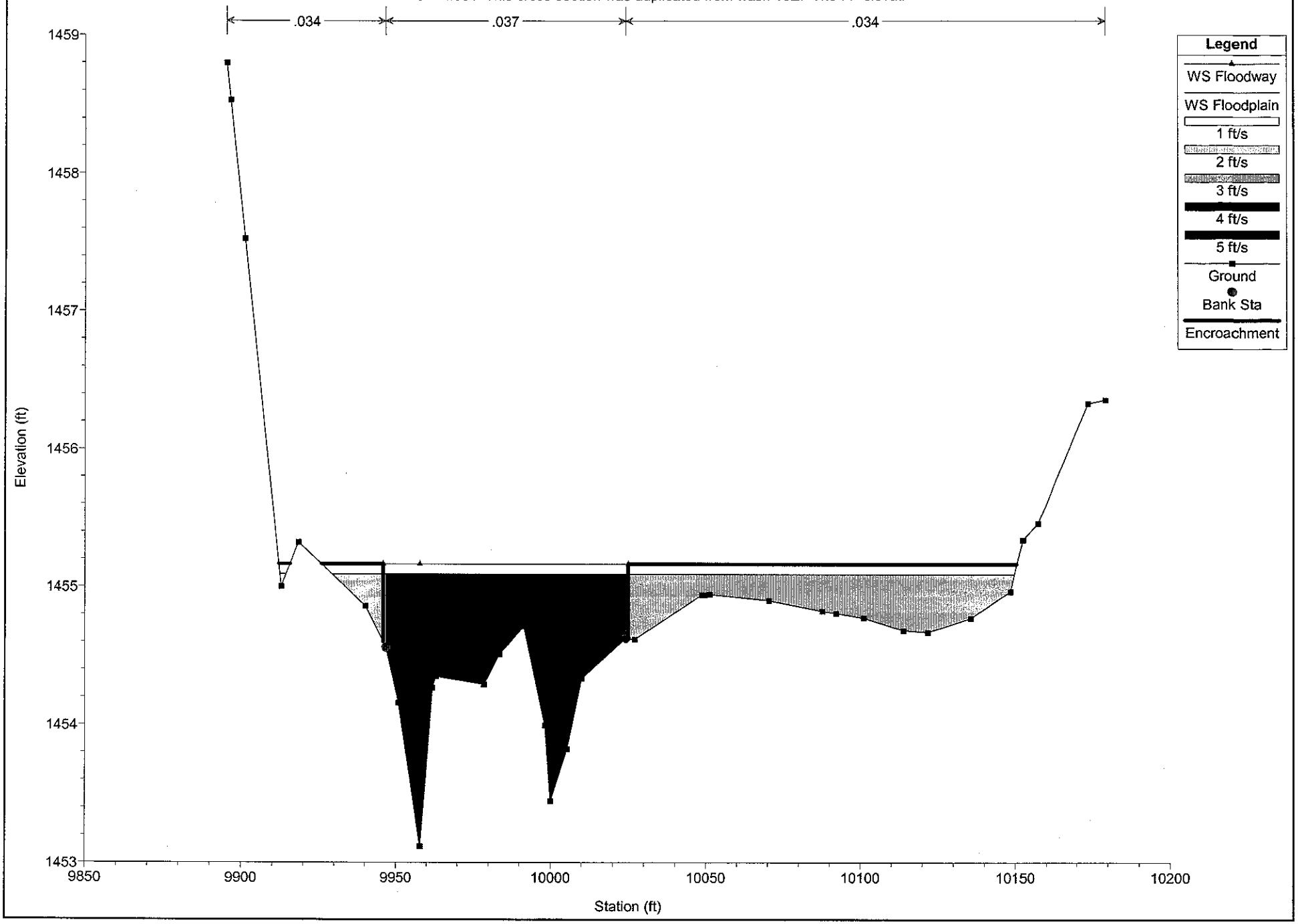

Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.13
.037
.042
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1490
1489
1488
1487
1486
1485
1484
1483
1482
9940
9960
9980
10000
10020
10040
10060
10080
Station (ft)


Wittmann ADMSU Plan: 10 East-East Split-1 (South of CAP) 7/15/2005
River = Reach #1 Reach = 10 East-East Spl RS = 0.1
.037
.042
.035
Legend
WS Floodplain
WS Floodway
Ground
Bank Sta
Elevation (ft)
1489
1488
1487
1486
1485
1484
1483
1482
9920
9940
9960
9980
10000
10020
10040
Station (ft)

10 EAST (EAST SPLIT-2)

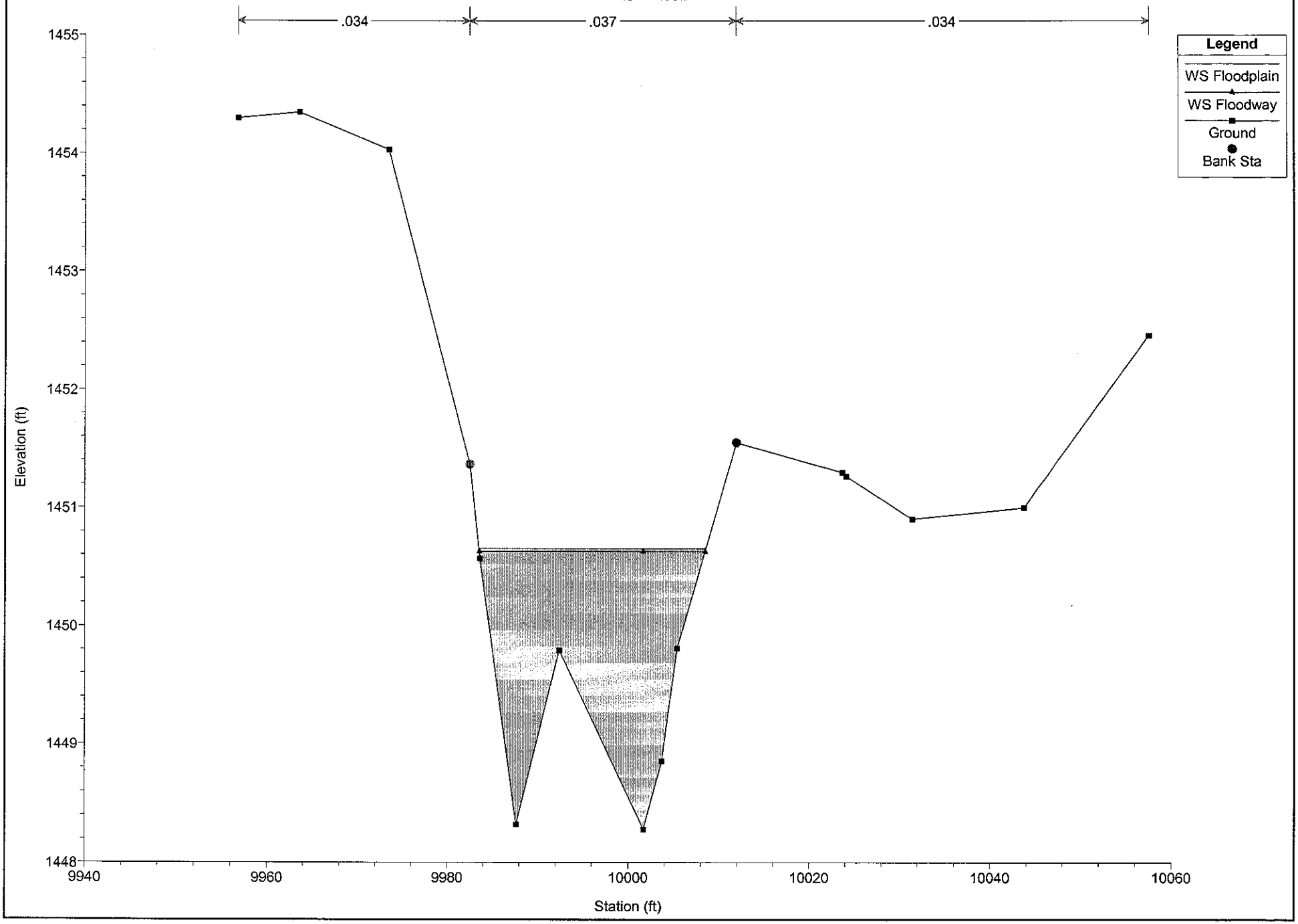
Wittmann ADMSU Plan: 10 East-[illegible]t Split-2 (South of CAP) 9/2/2005

RS = 2.634 This cross section was duplicated from wash 10E. The FP elevati



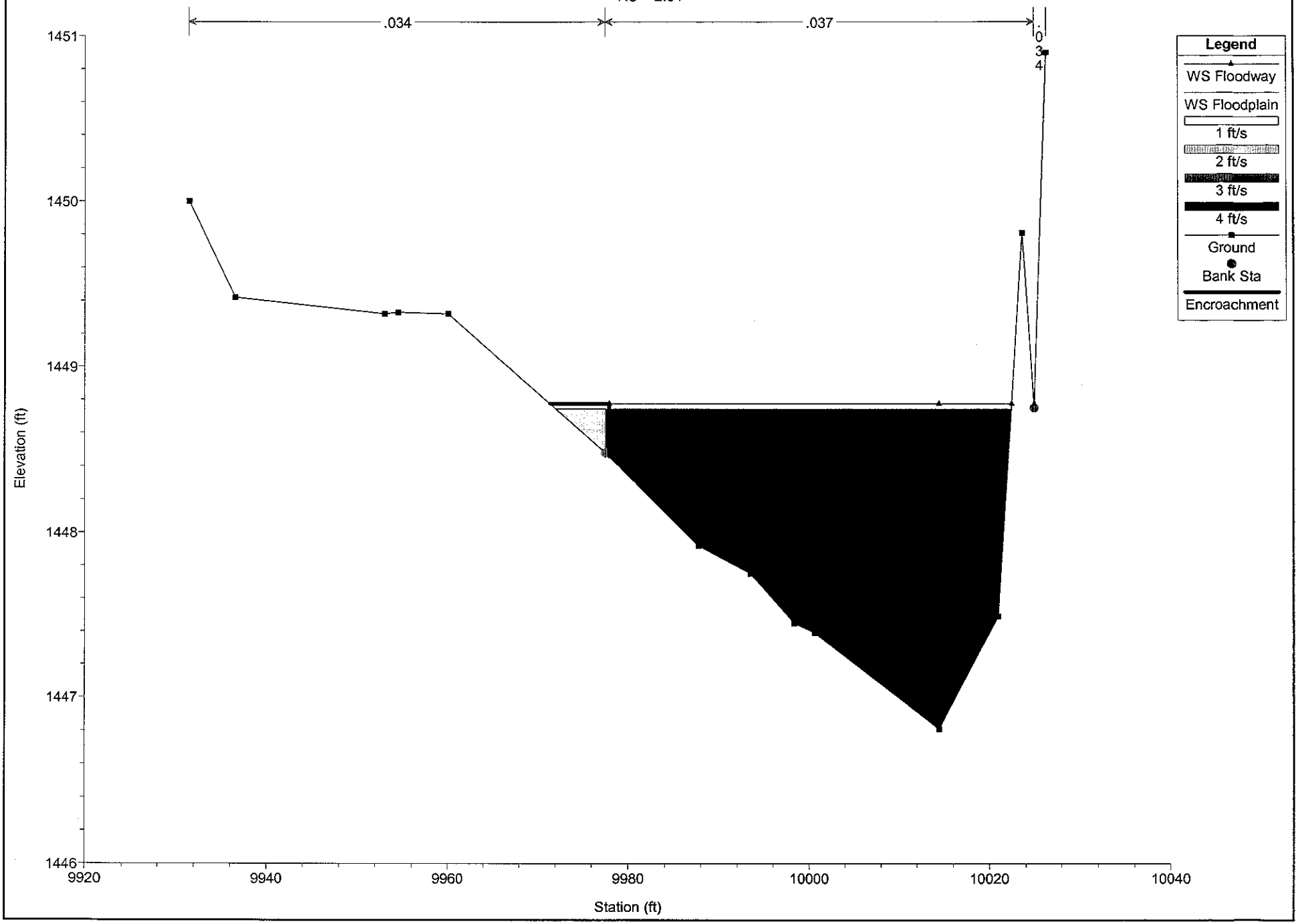
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 2.582



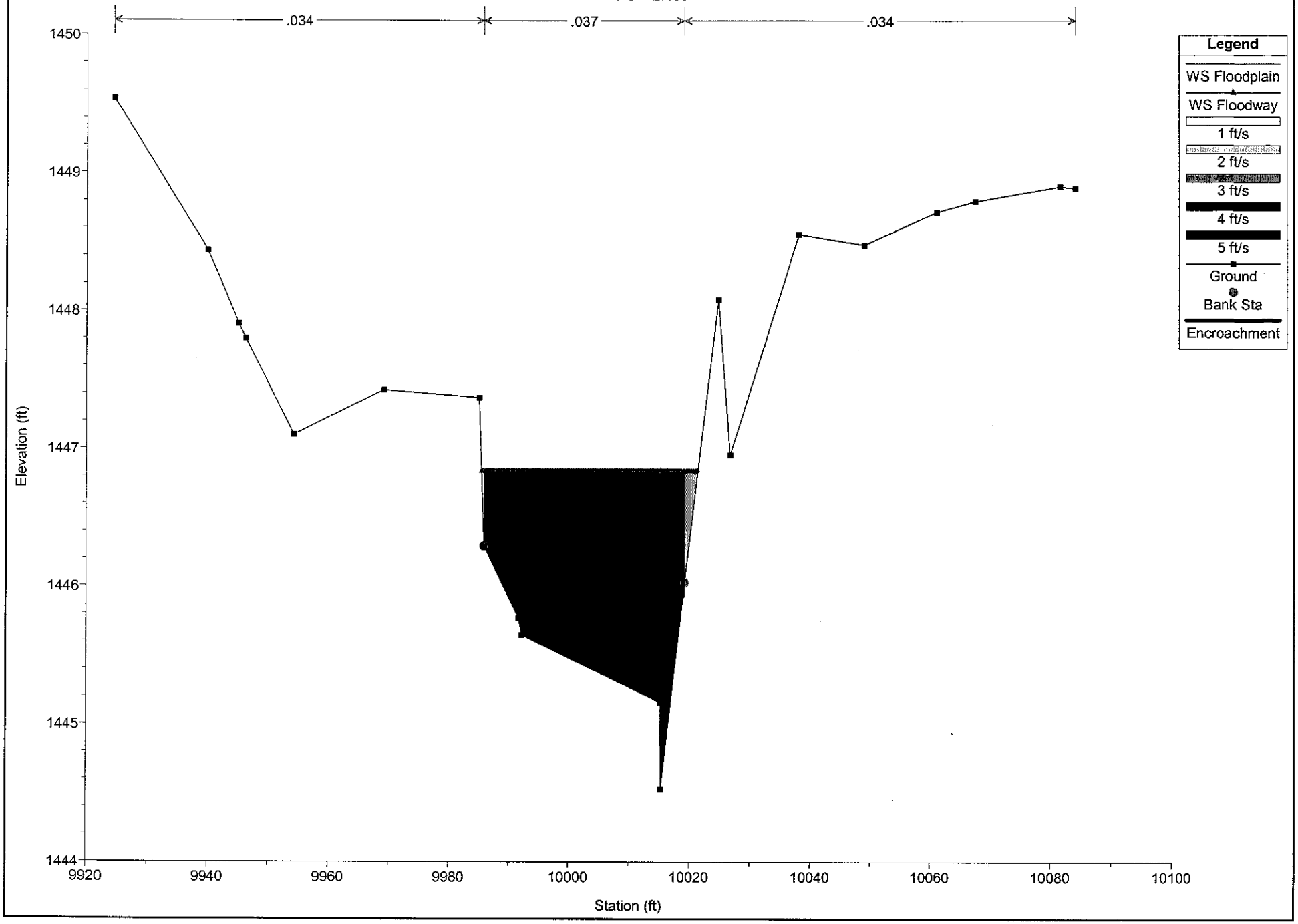
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 2.54



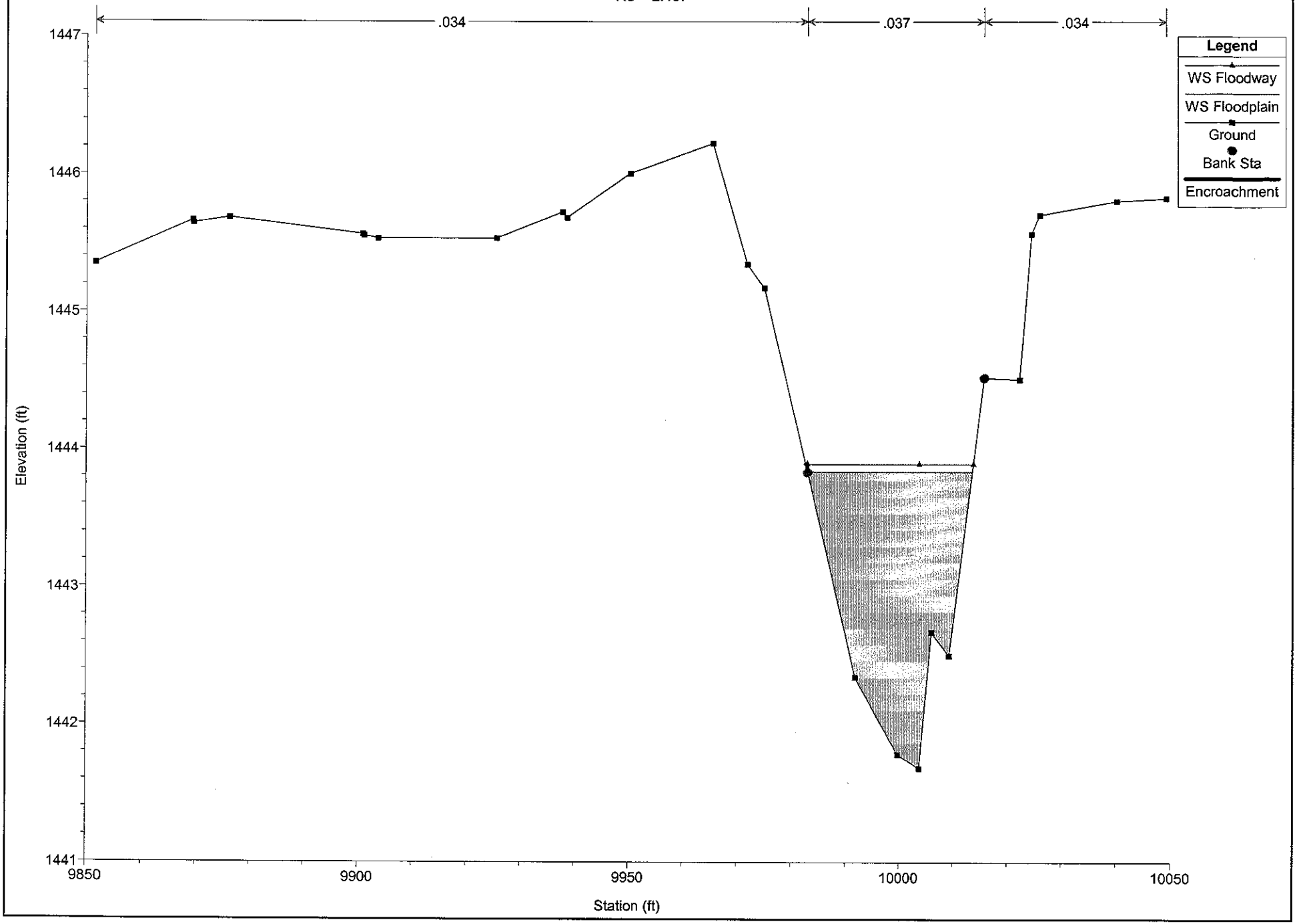
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 2.495



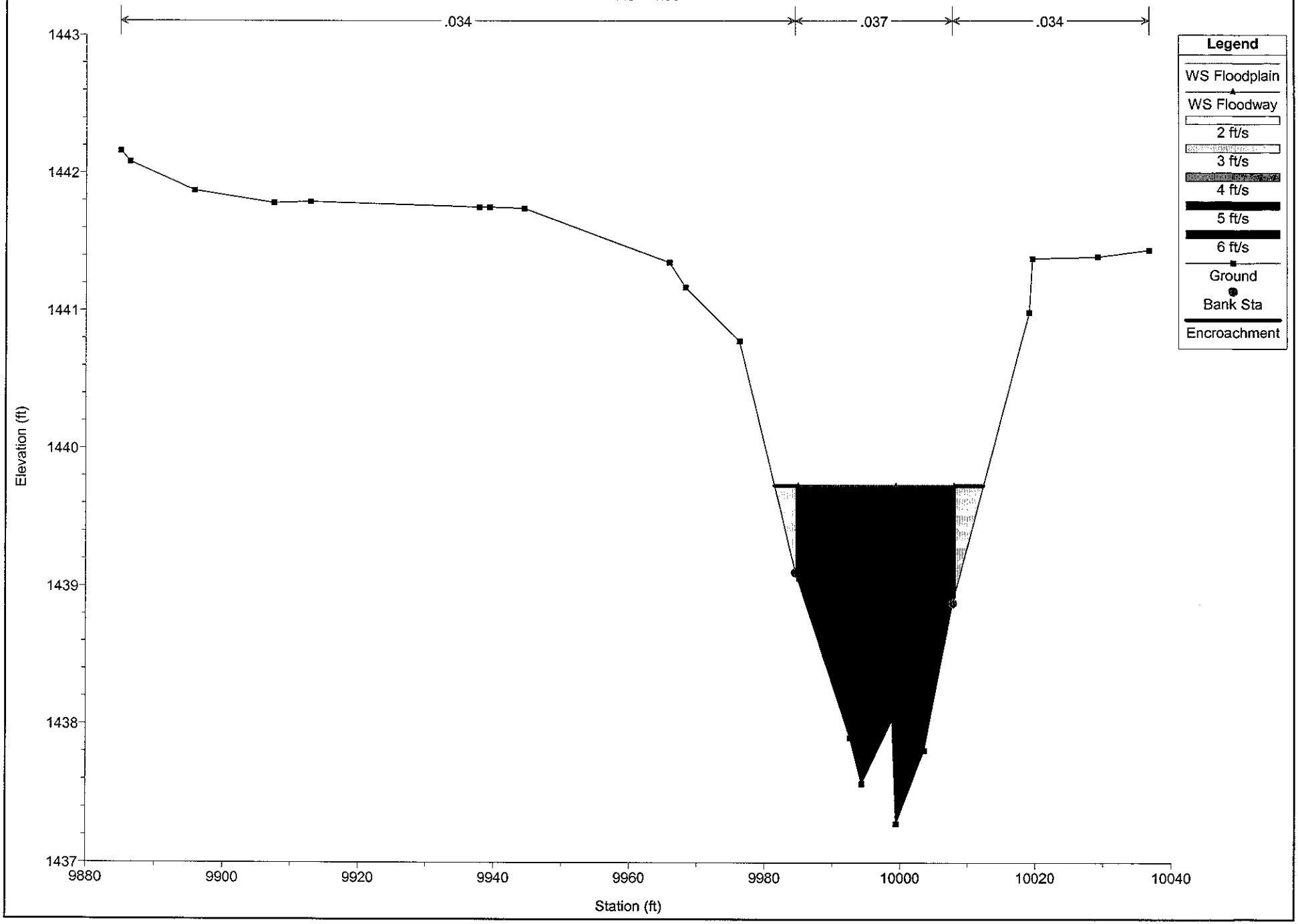
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 2.437



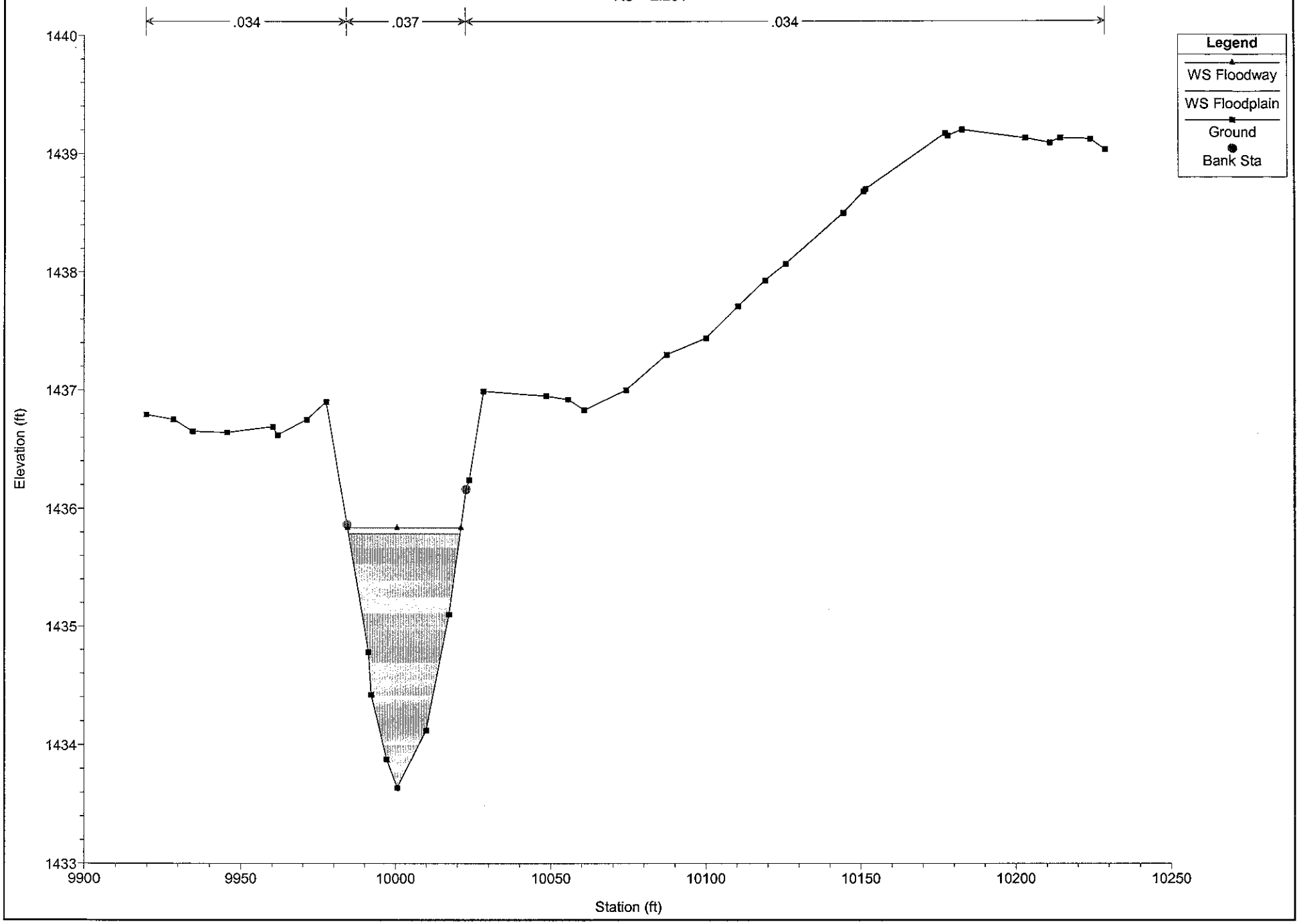
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 2.357



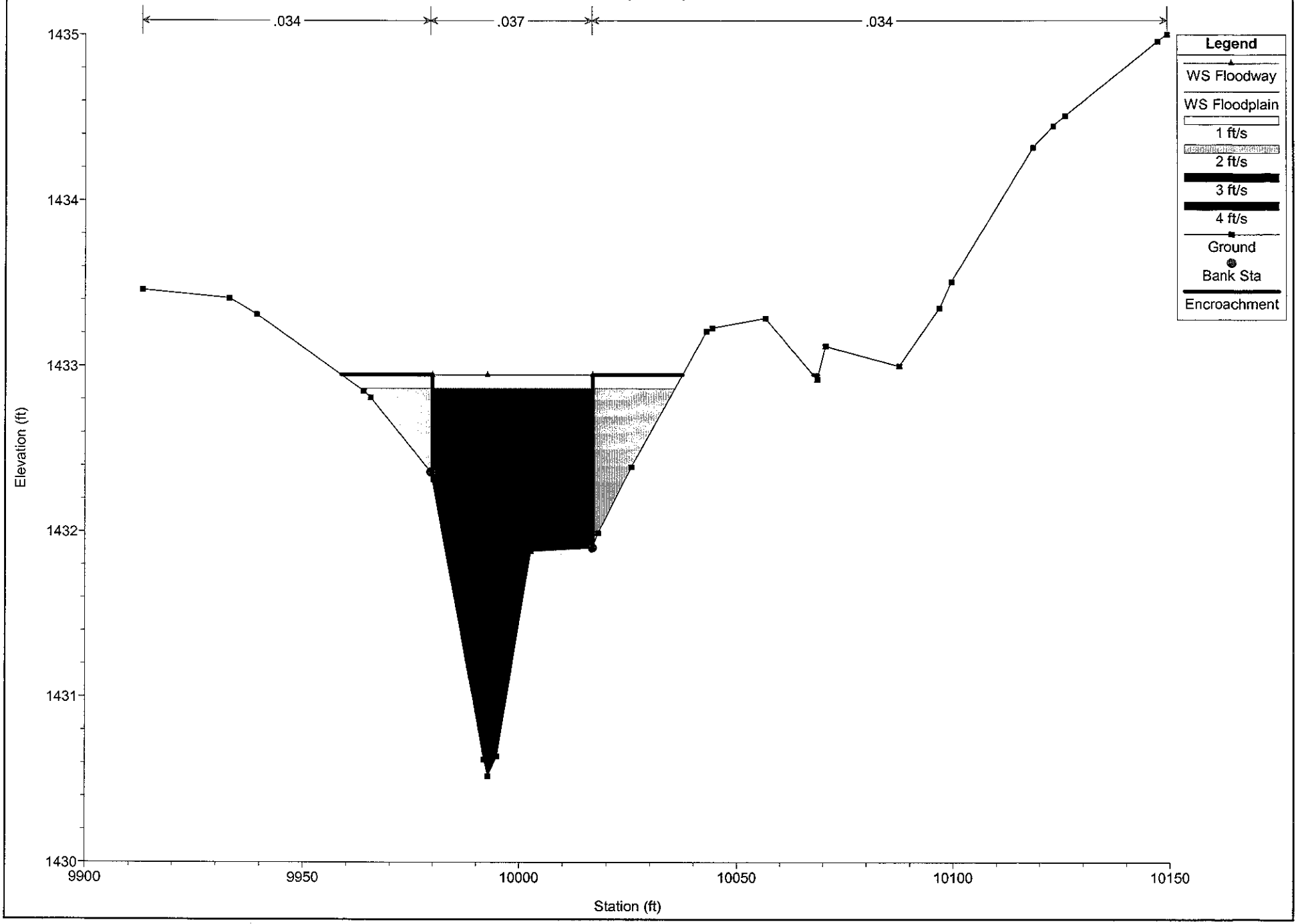
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 2.264



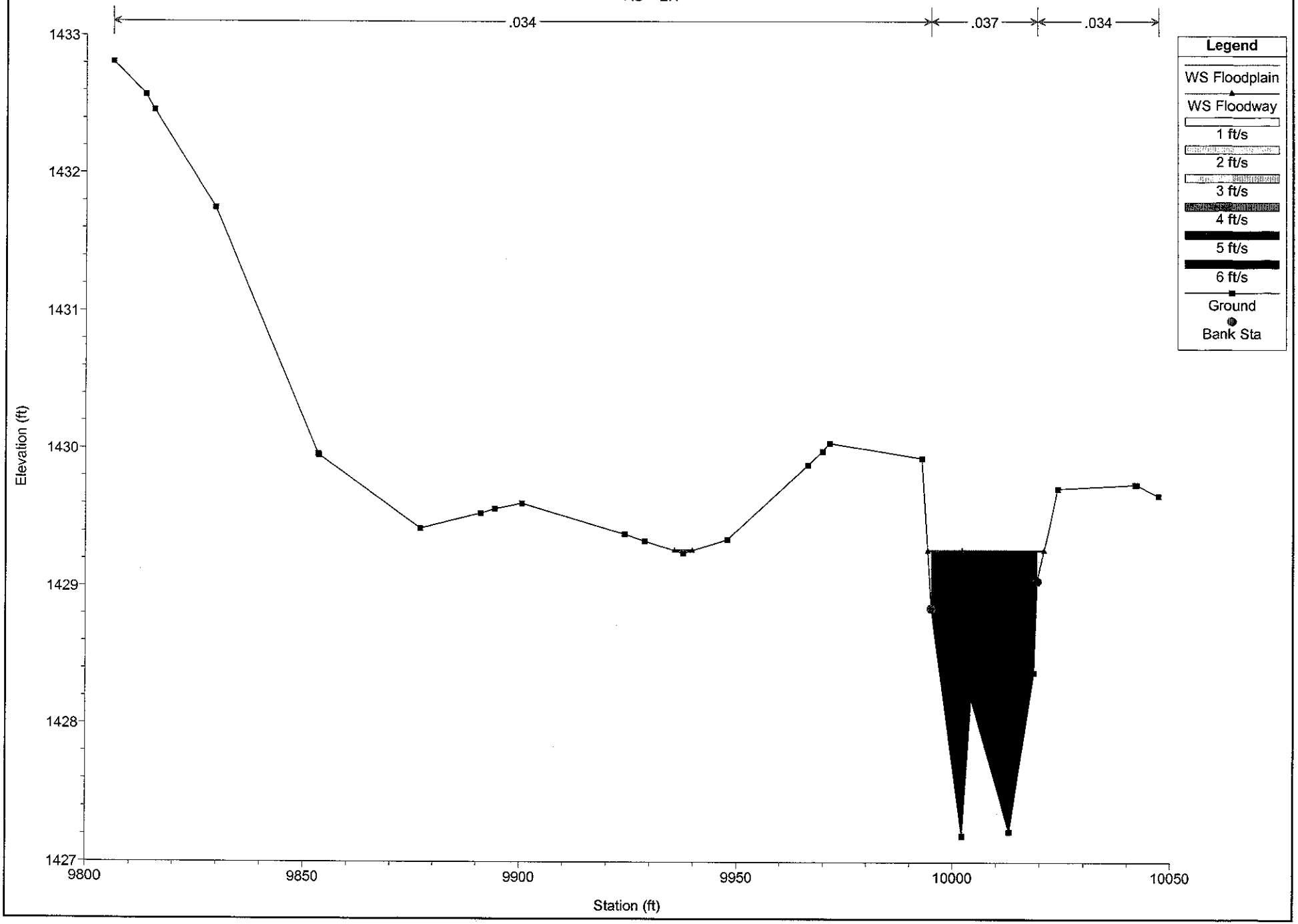
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 2.176



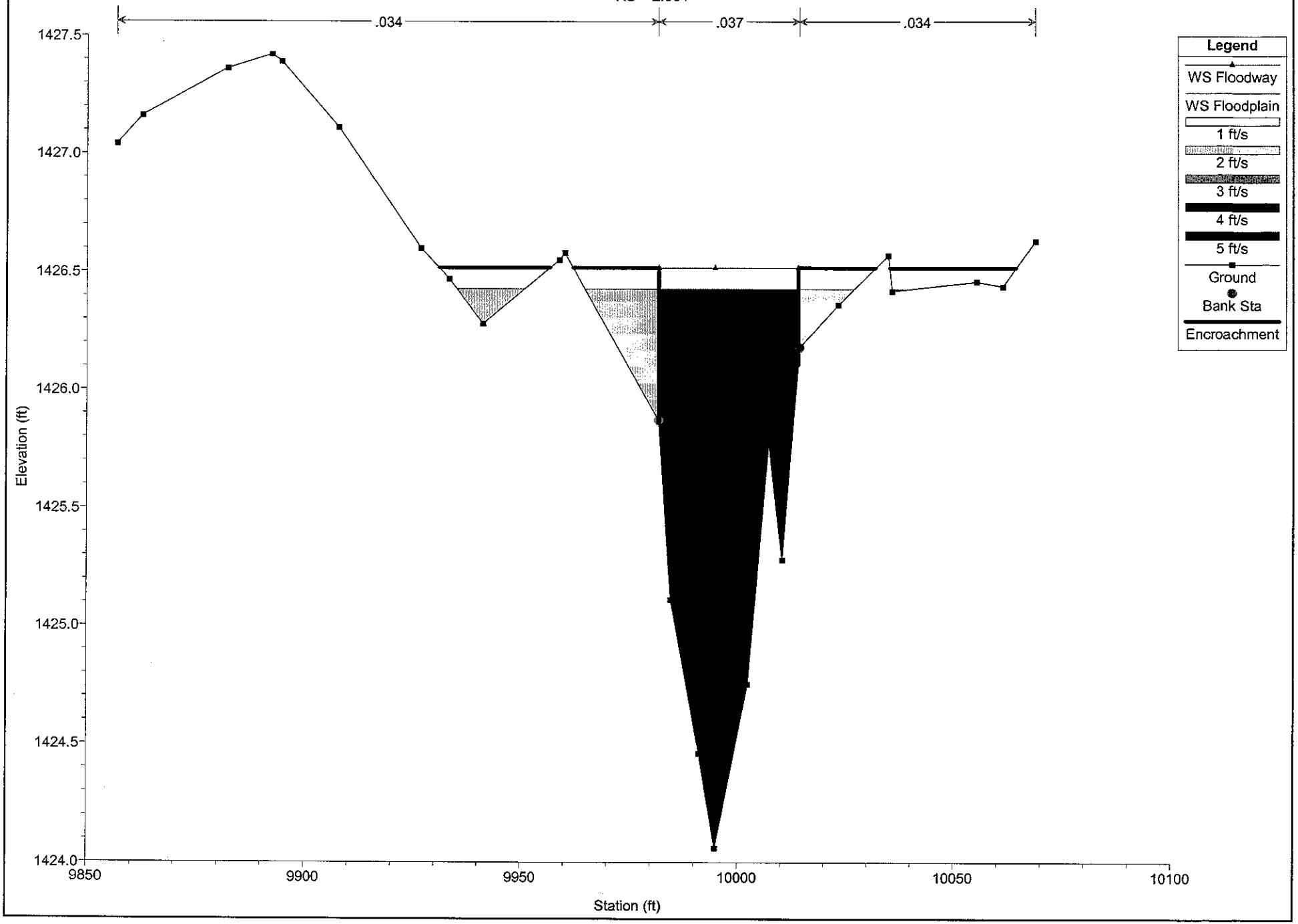
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 2.1



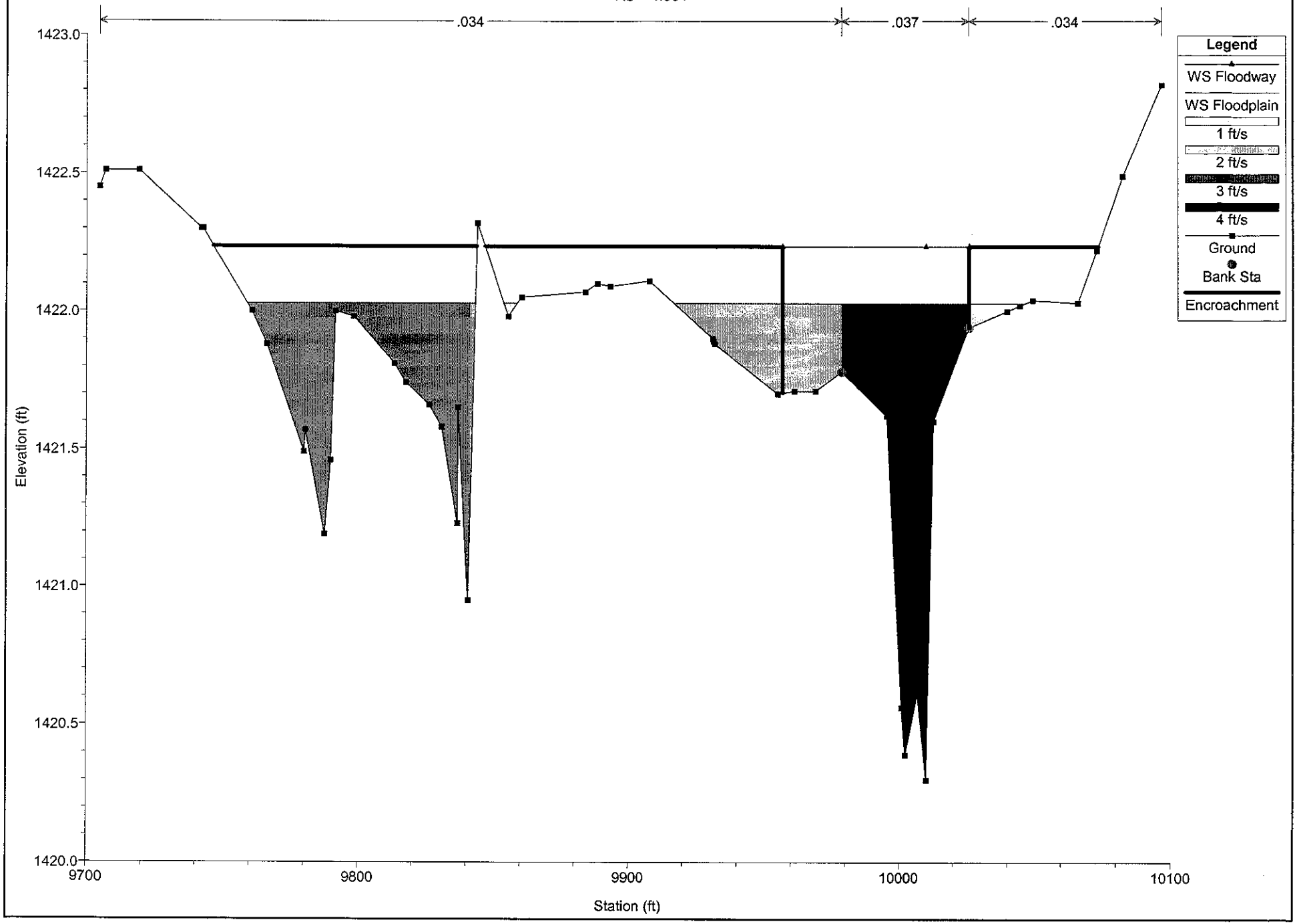
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 2.034



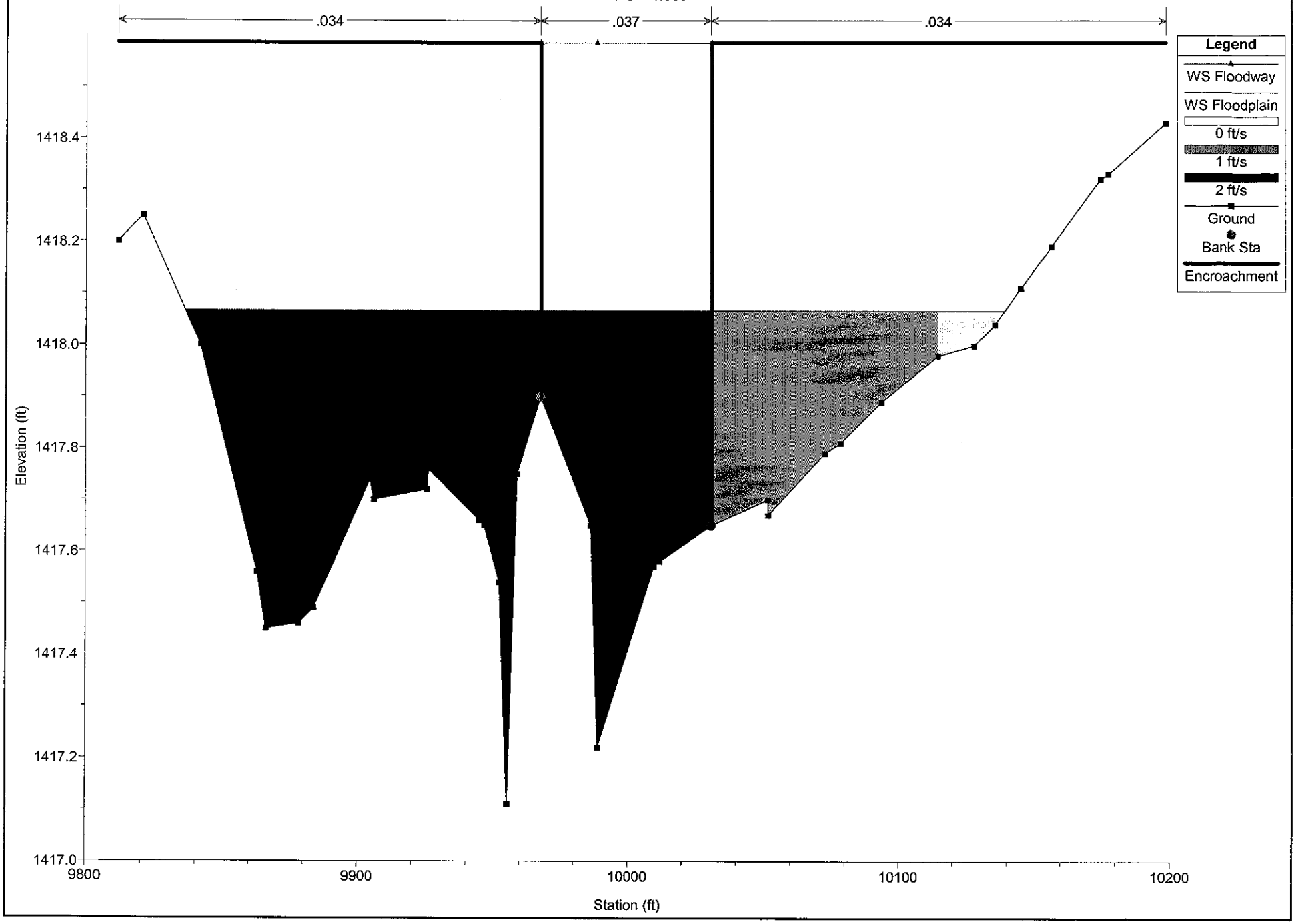
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

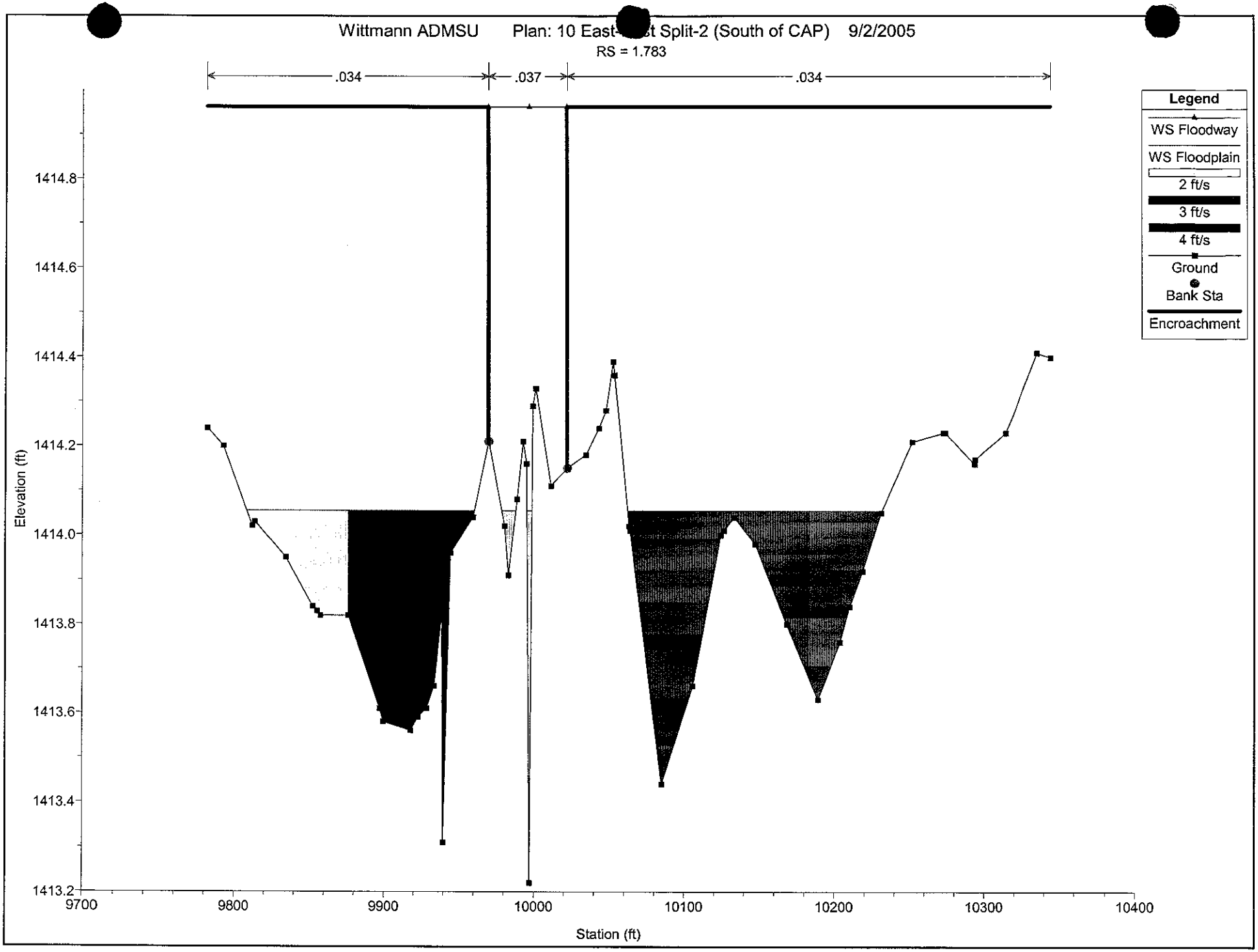
RS = 1.934



Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

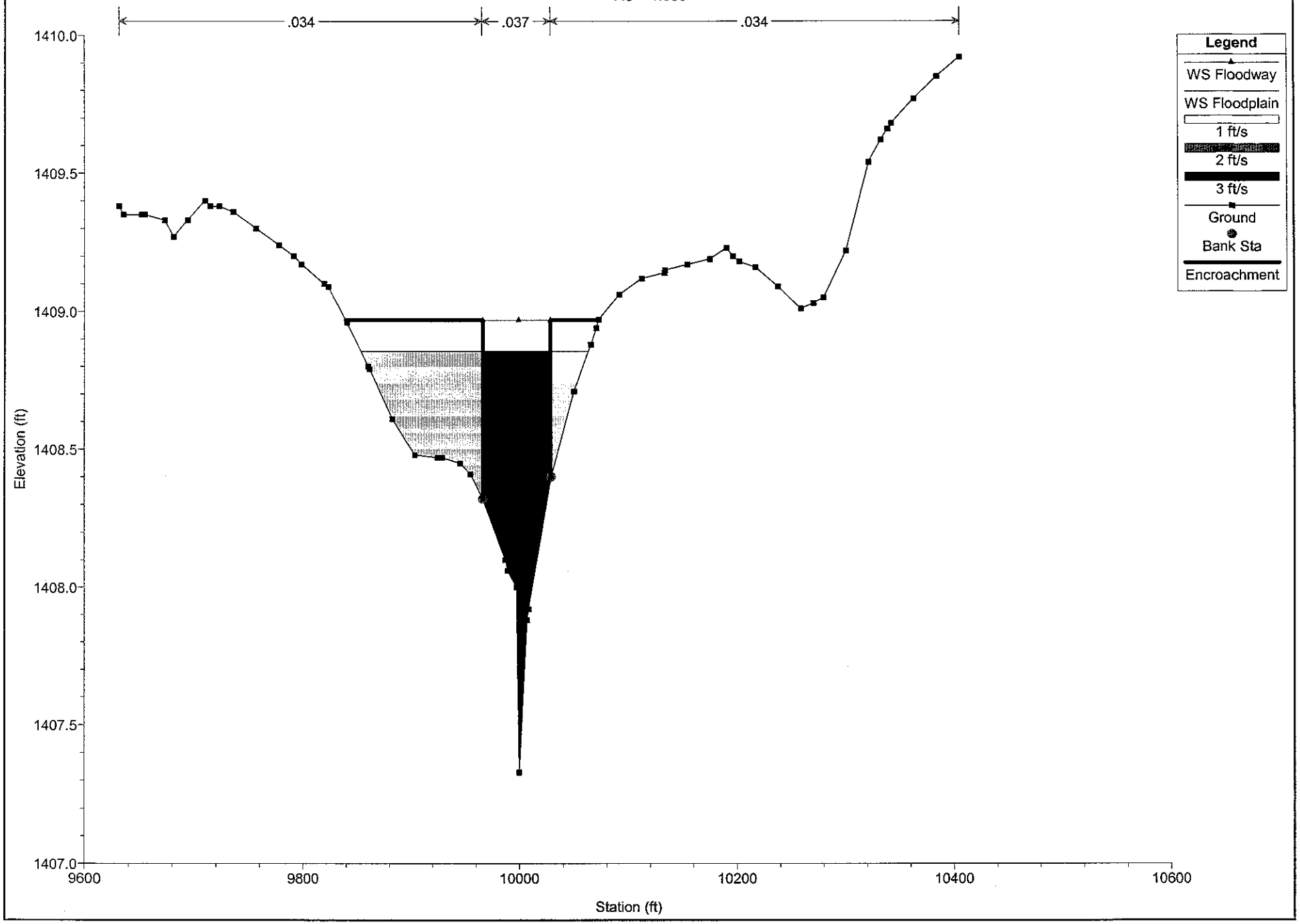
RS = 1.853




Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005
RS = 1.783
.034
.037
.034
Legend
WS Floodway
WS Floodplain
2 ft/s
3 ft/s
4 ft/s
Ground
Bank Sta
Encroachment
Elevation (ft)
1414.8
1414.6
1414.4
1414.2
1414.0
1413.8
1413.6
1413.4
1413.2
9700
9800
9900
10000
10100
10200
10300
10400
Station (ft)

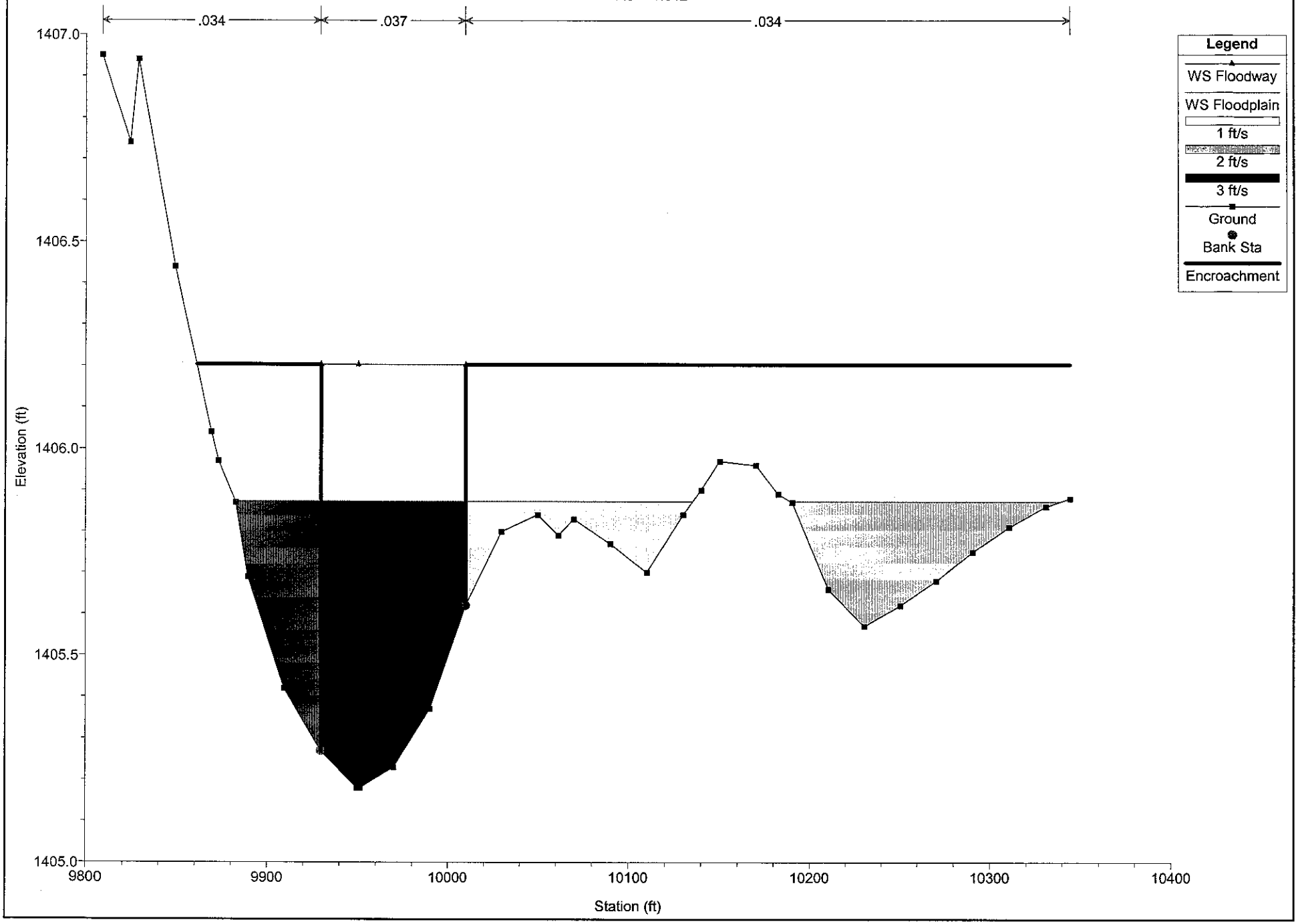
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 1.686



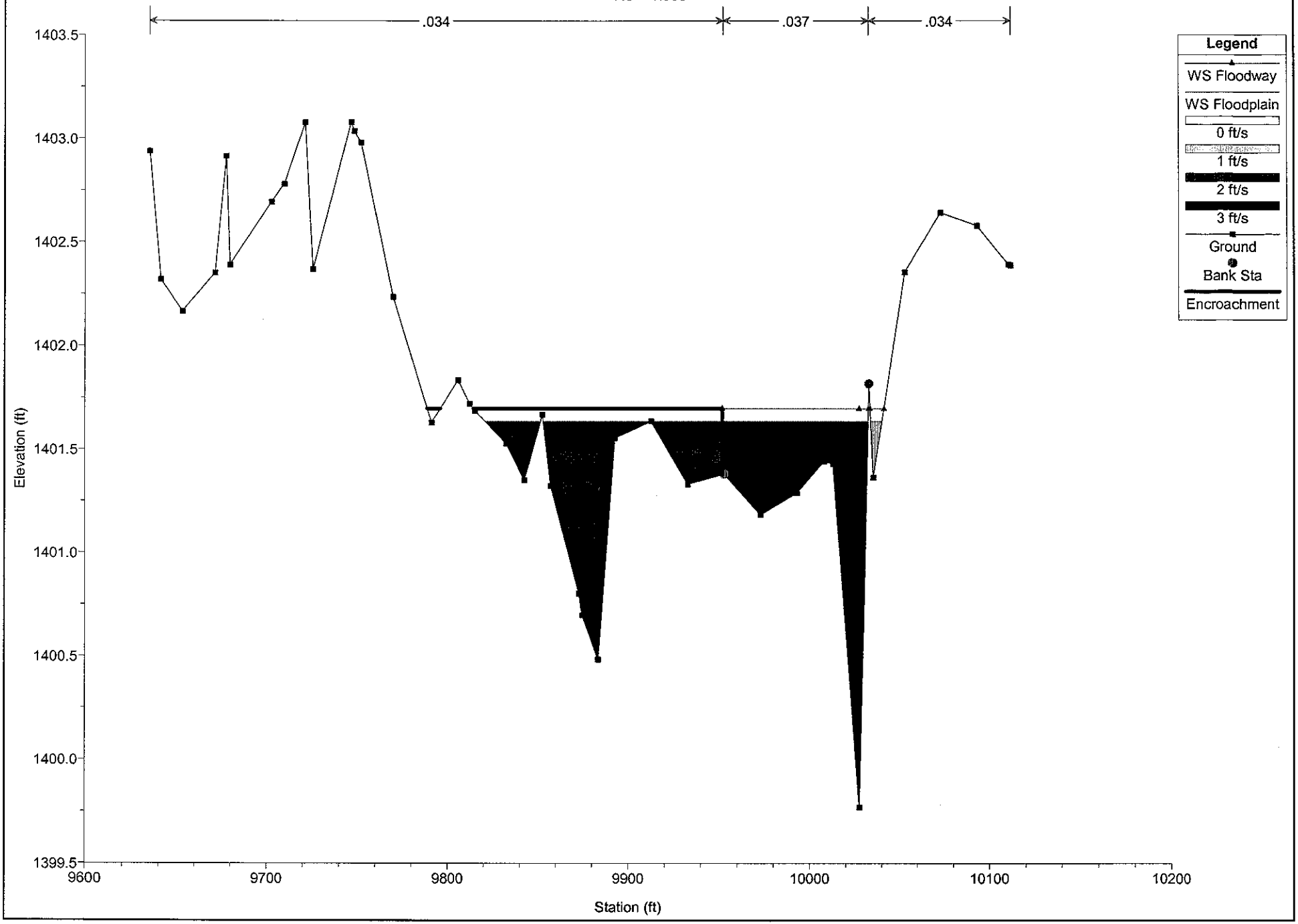
Wittmann ADMSU Plan: 10 East[illegible]t Split-2 (South of CAP) 9/2/2005

RS = 1.612



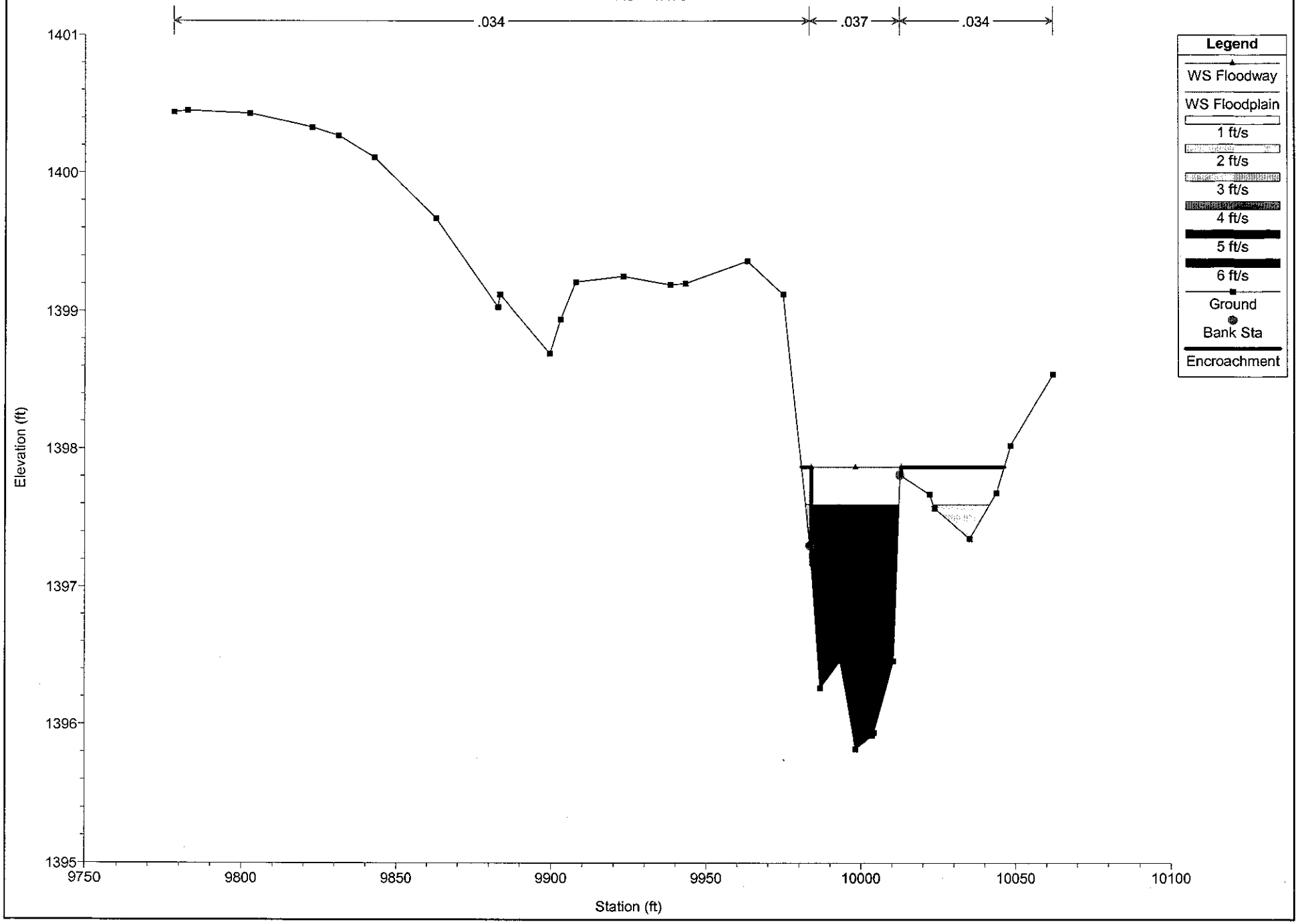
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 1.535



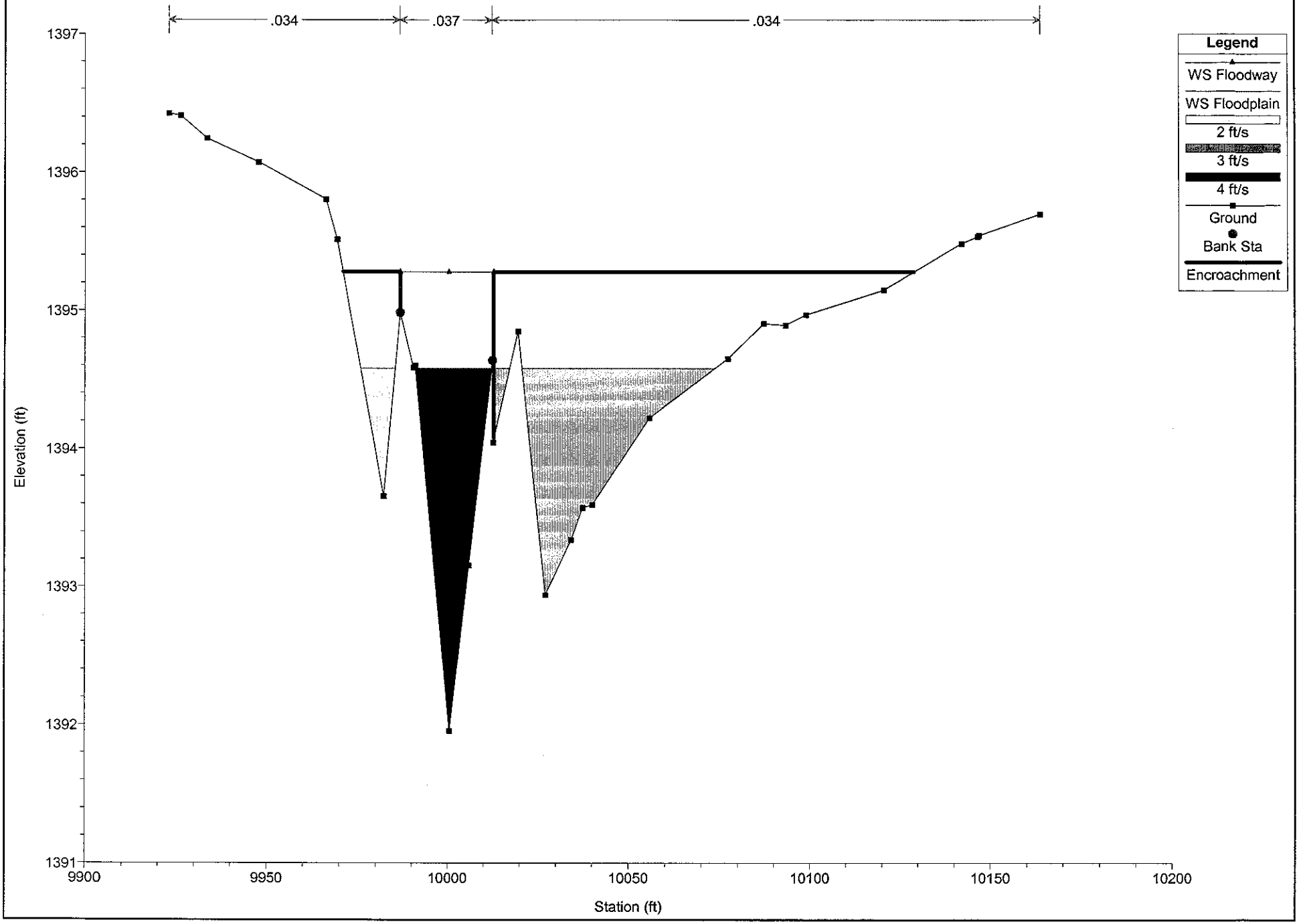
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 1.475



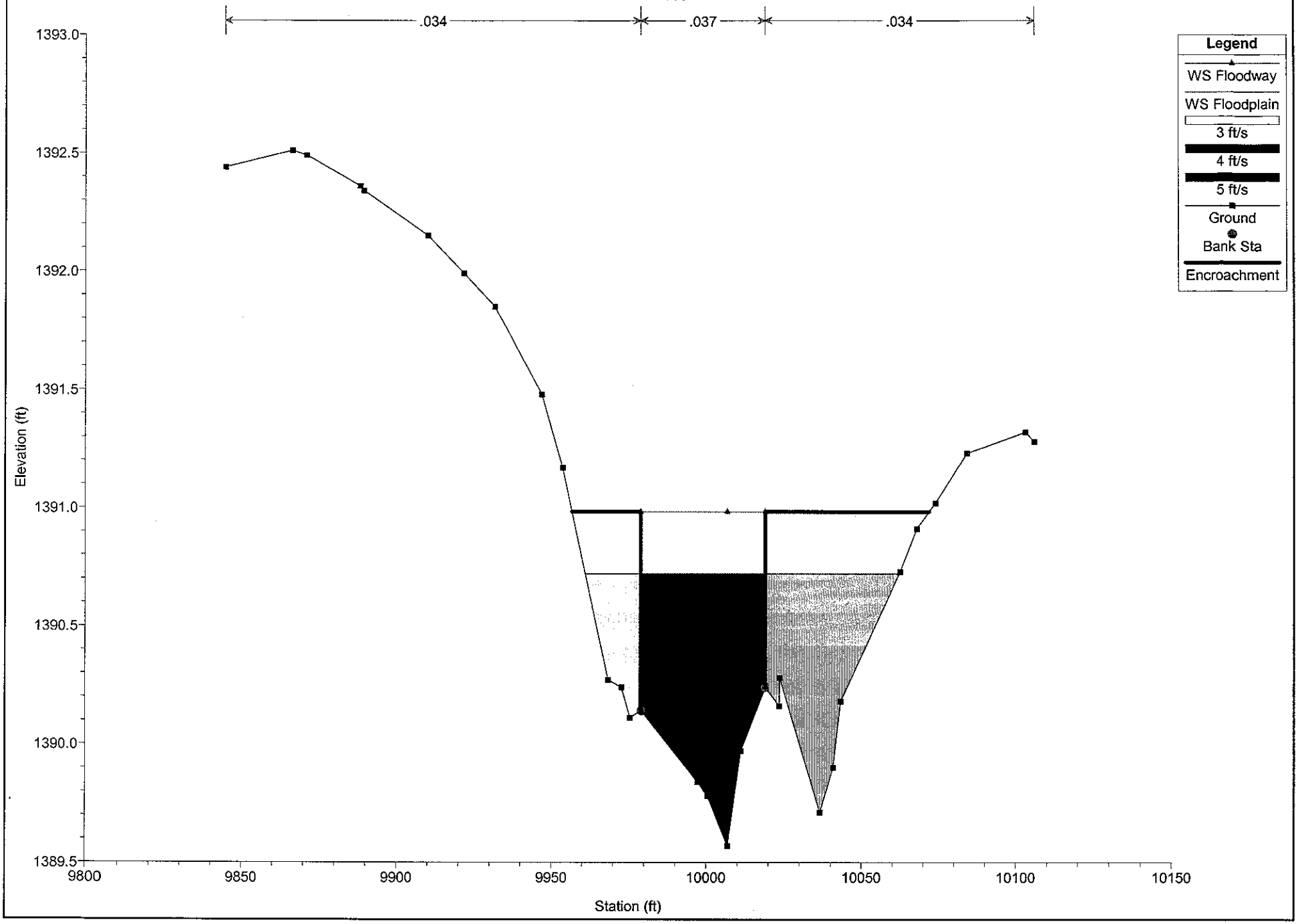
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 1.399



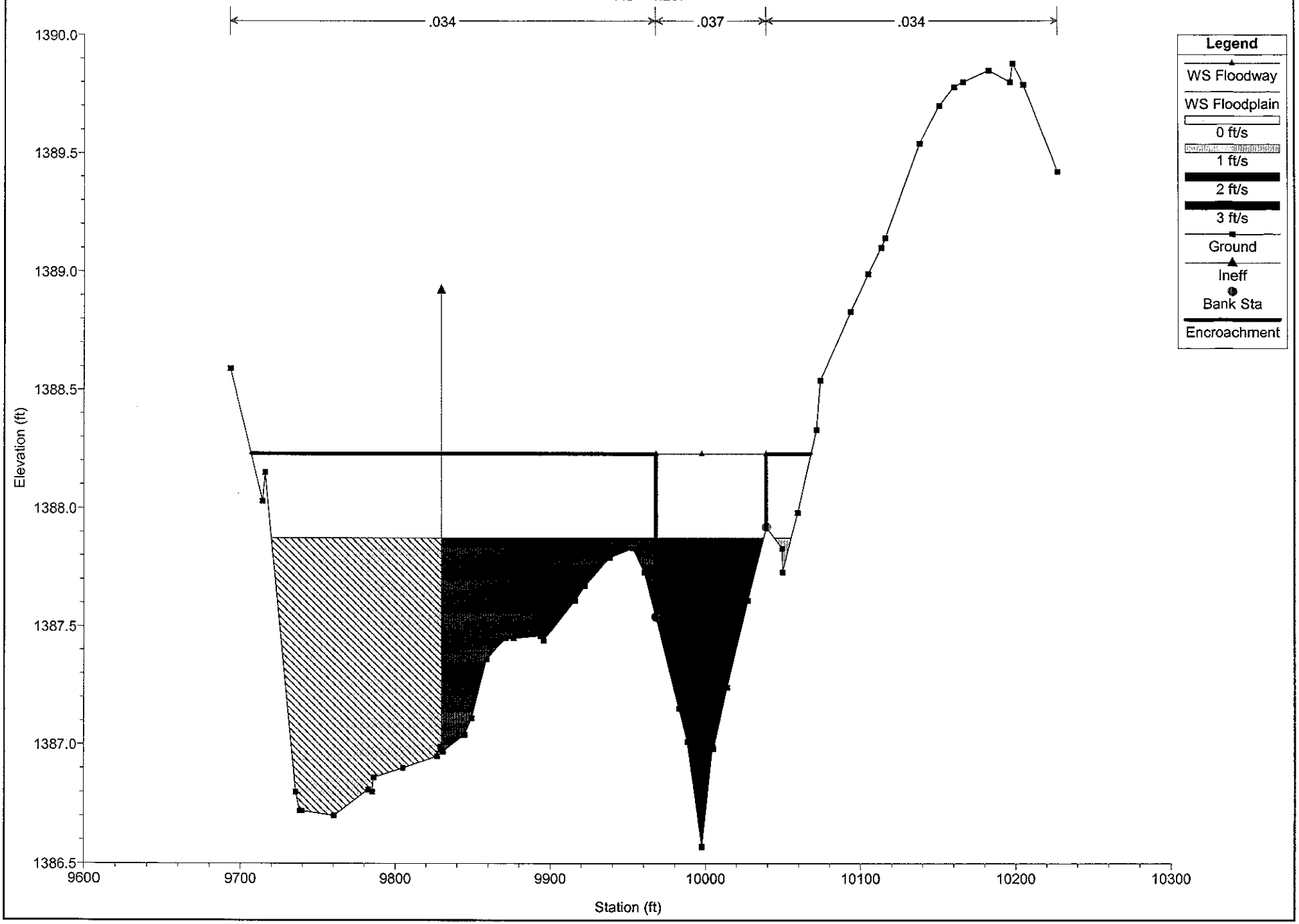
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 1.306



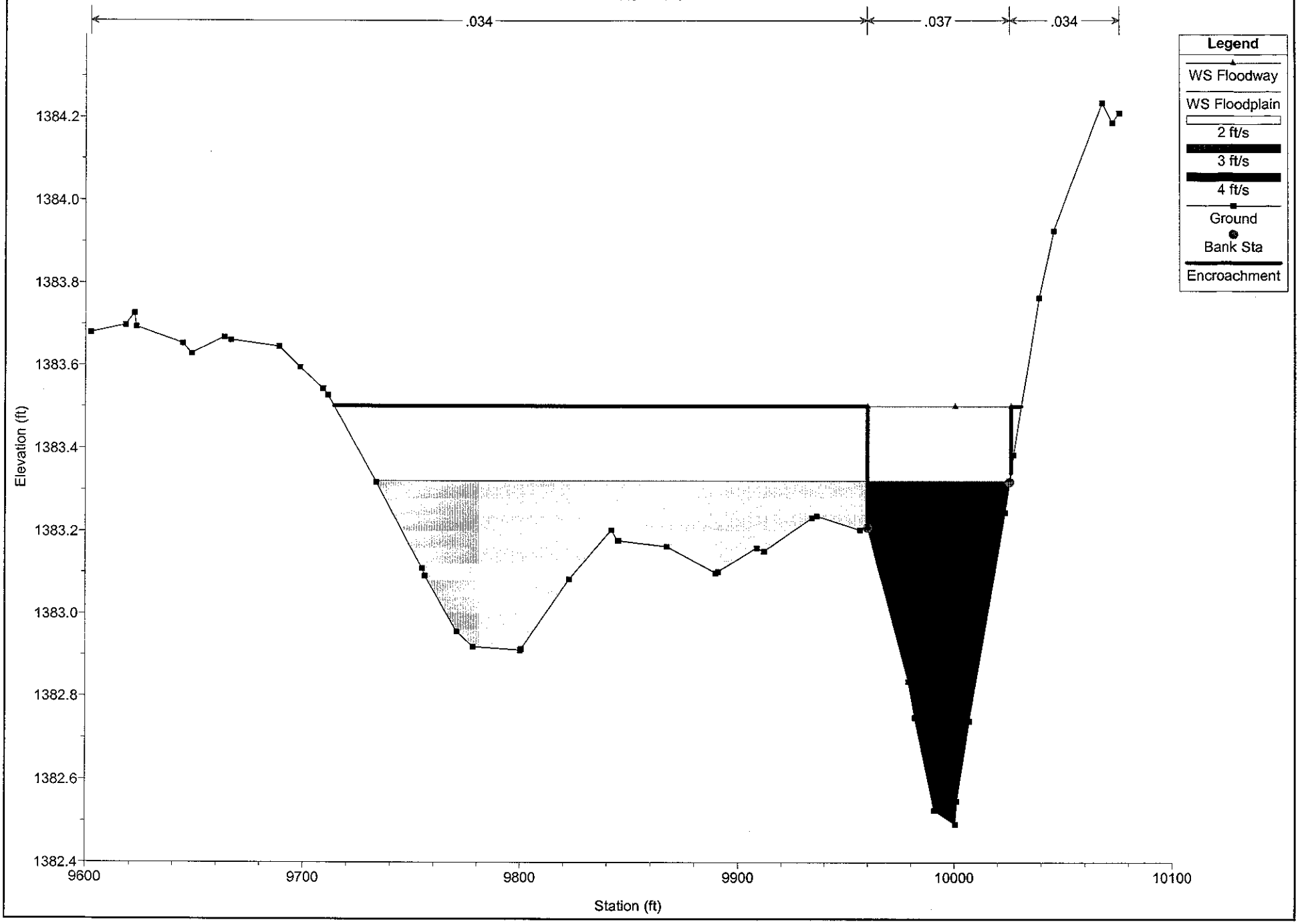
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 1.237



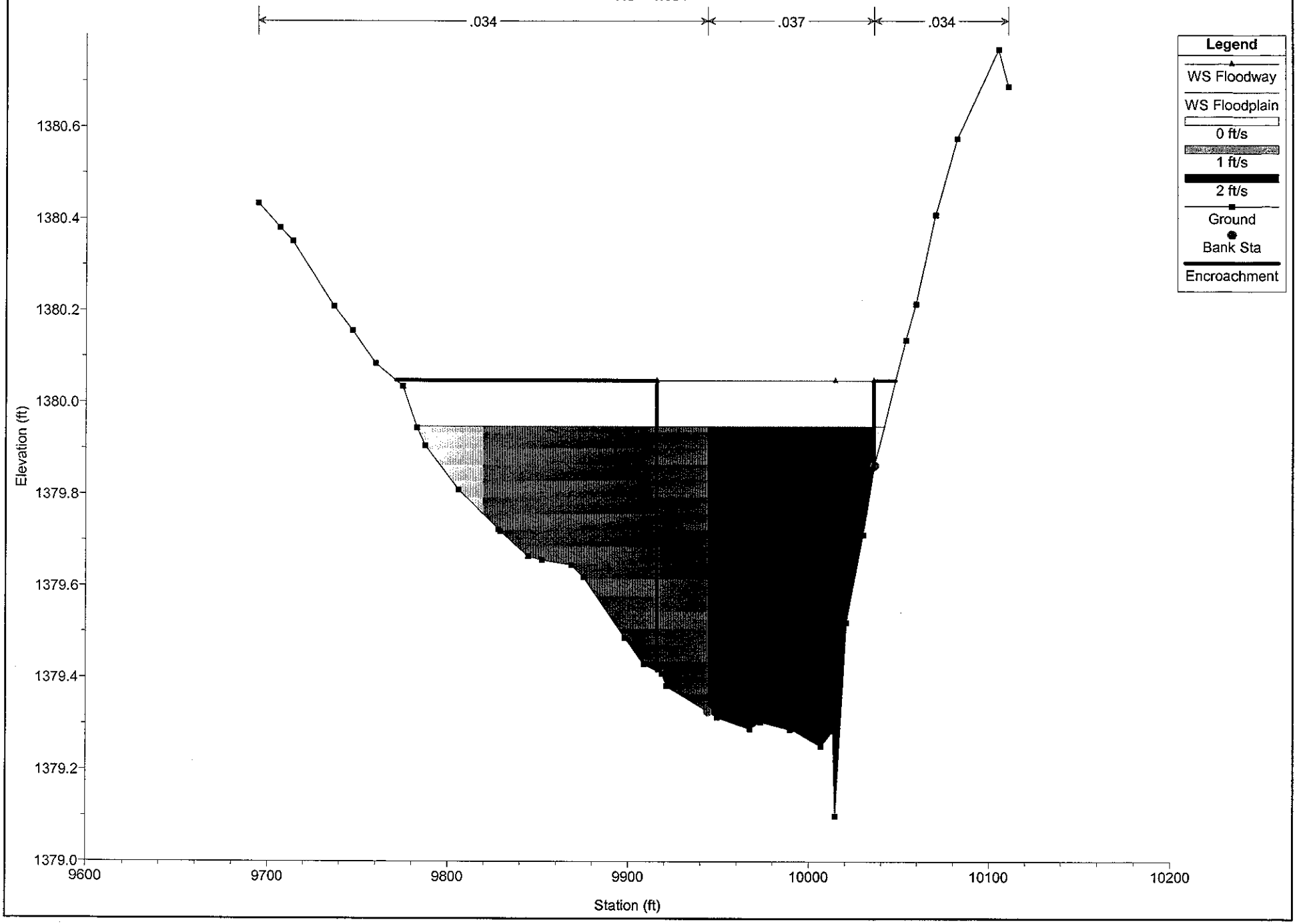
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 1.15



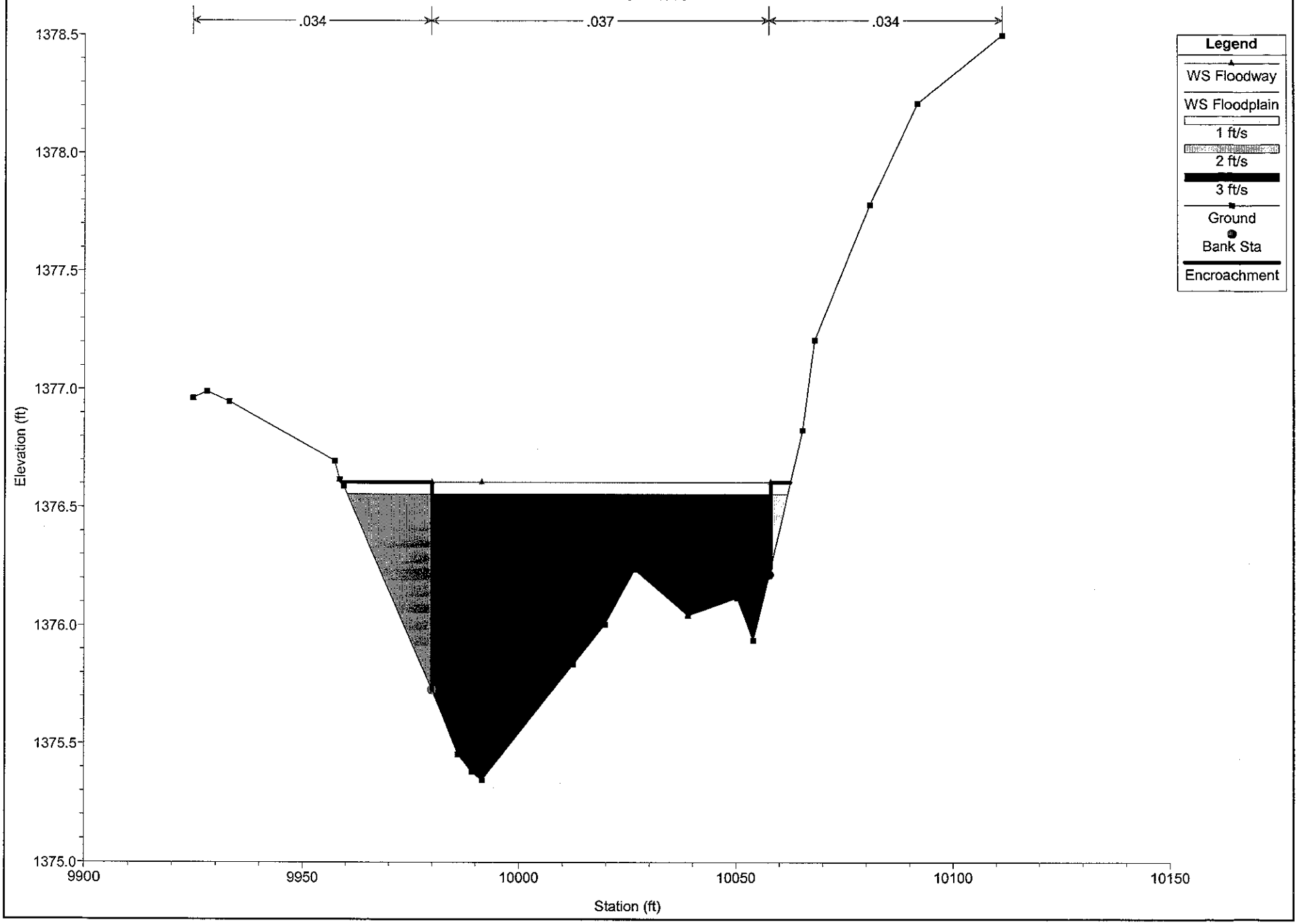
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 1.094



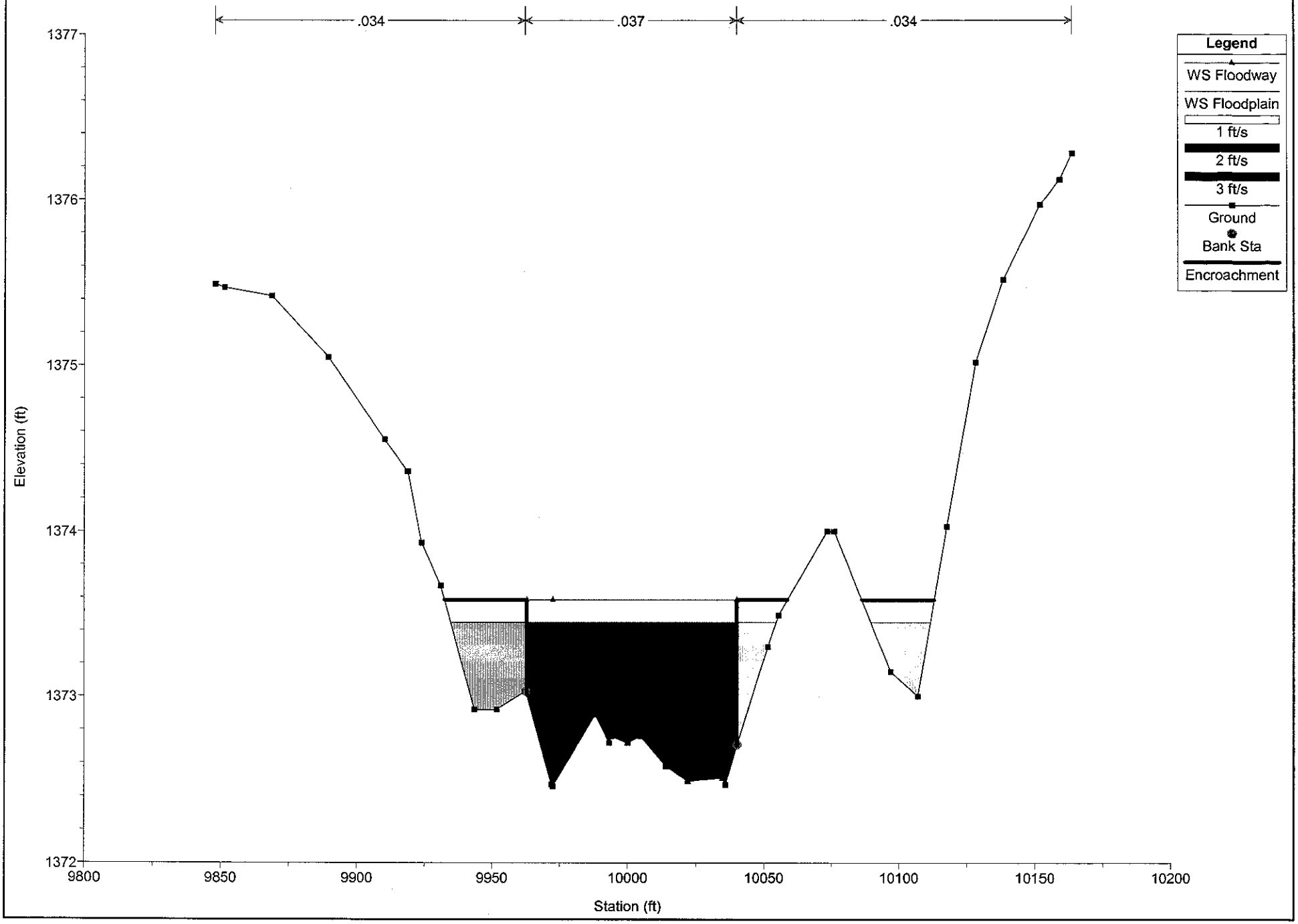
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 1.012



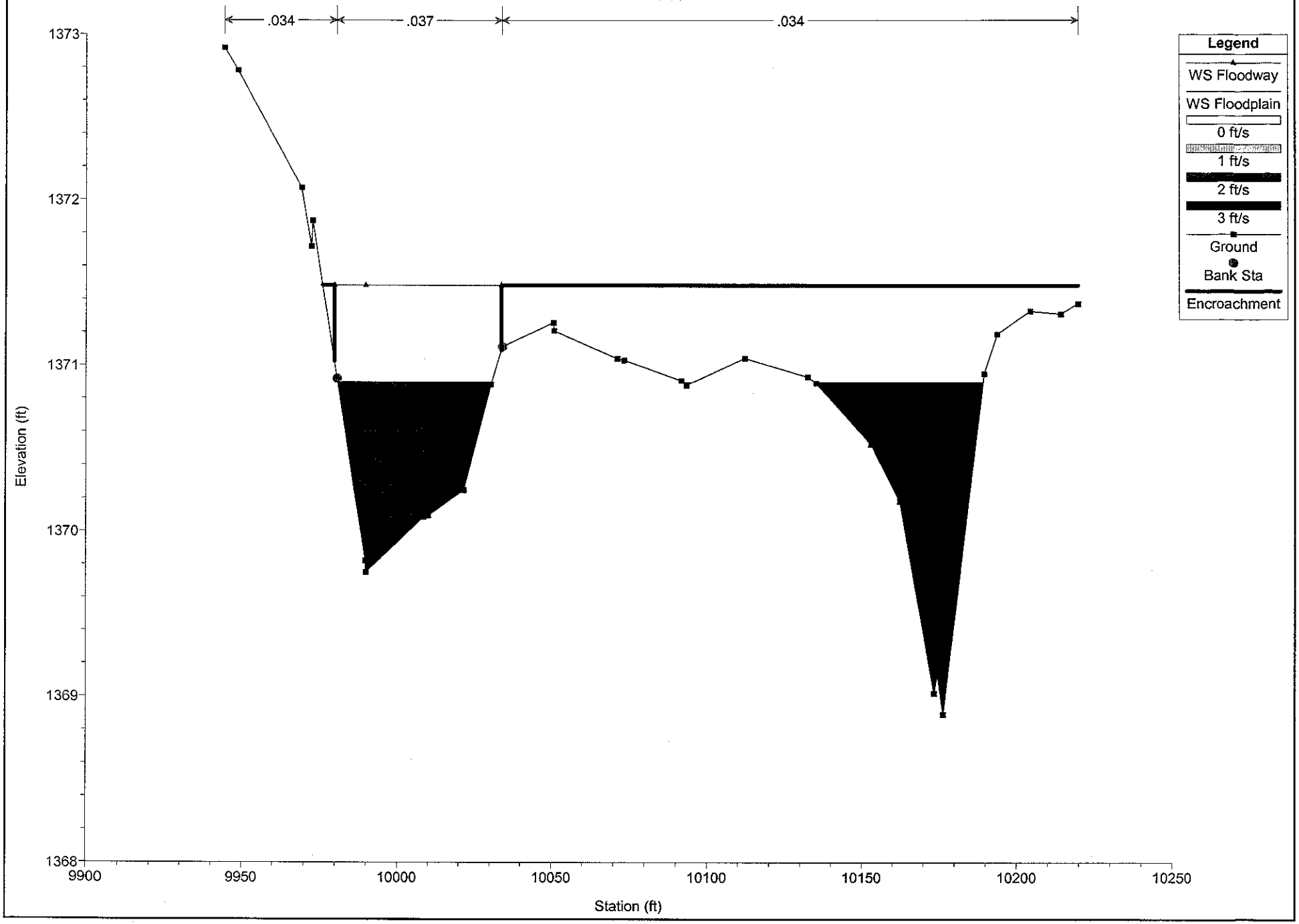
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 0.934



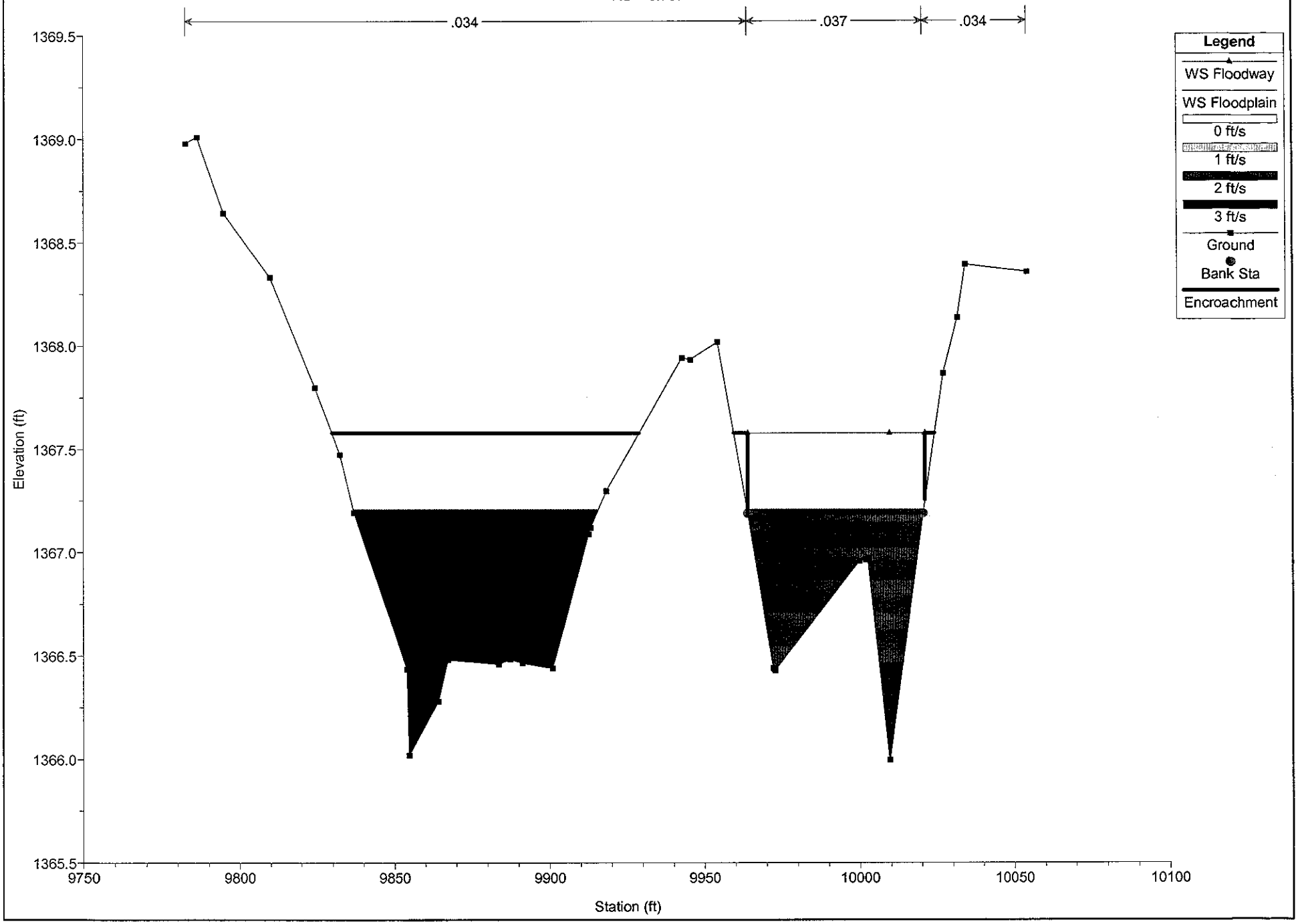
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 0.85



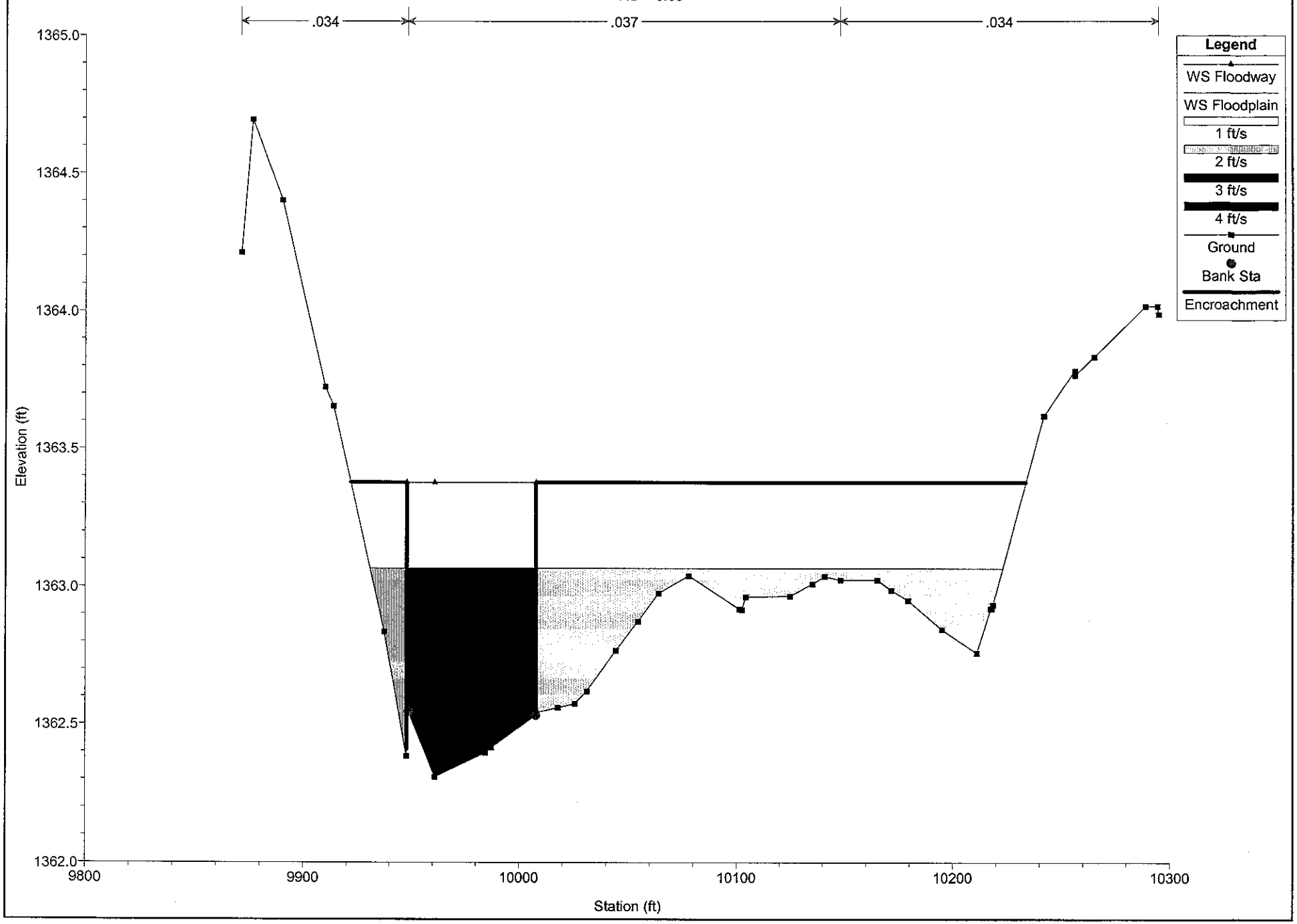
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 0.737



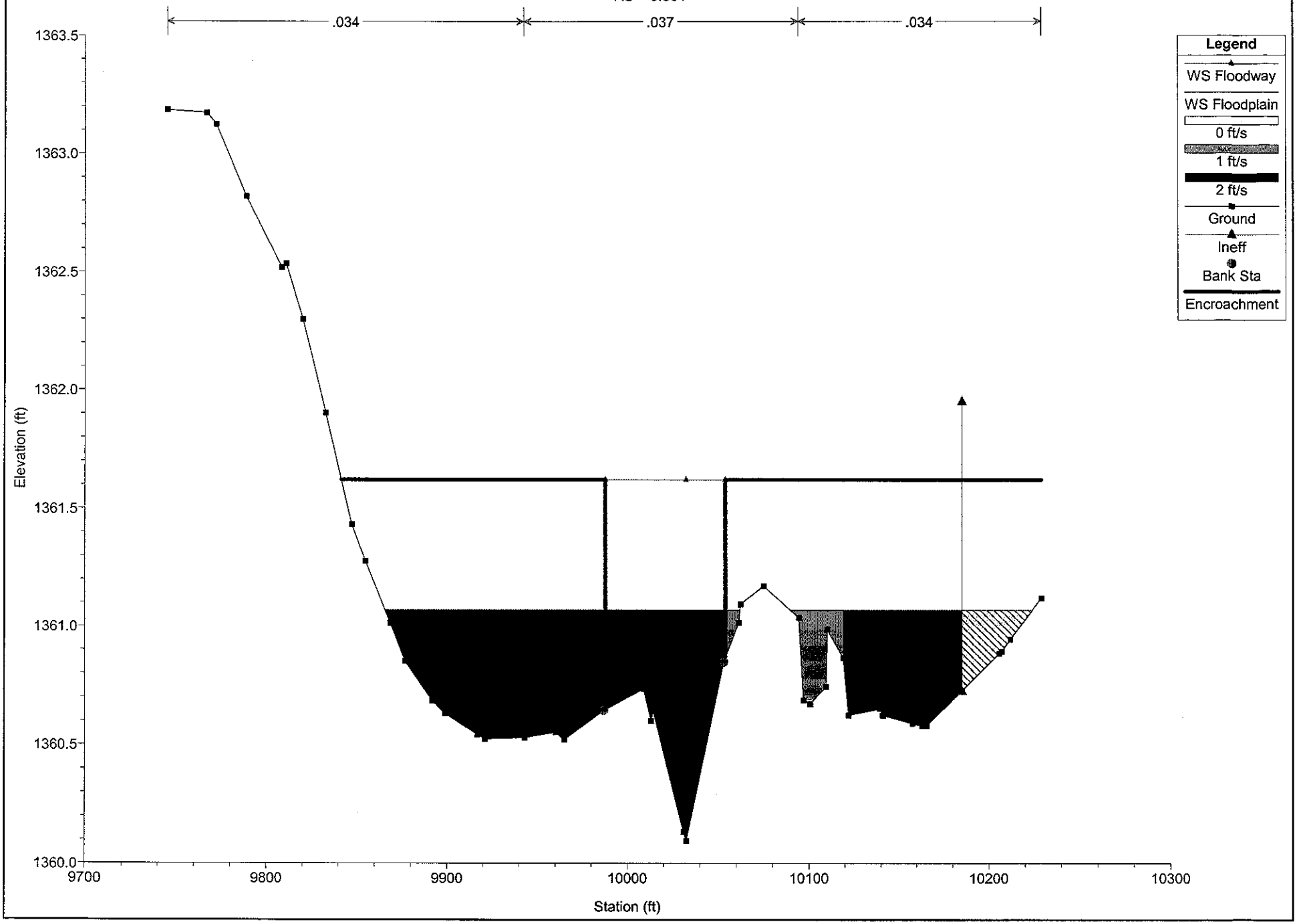
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 0.65



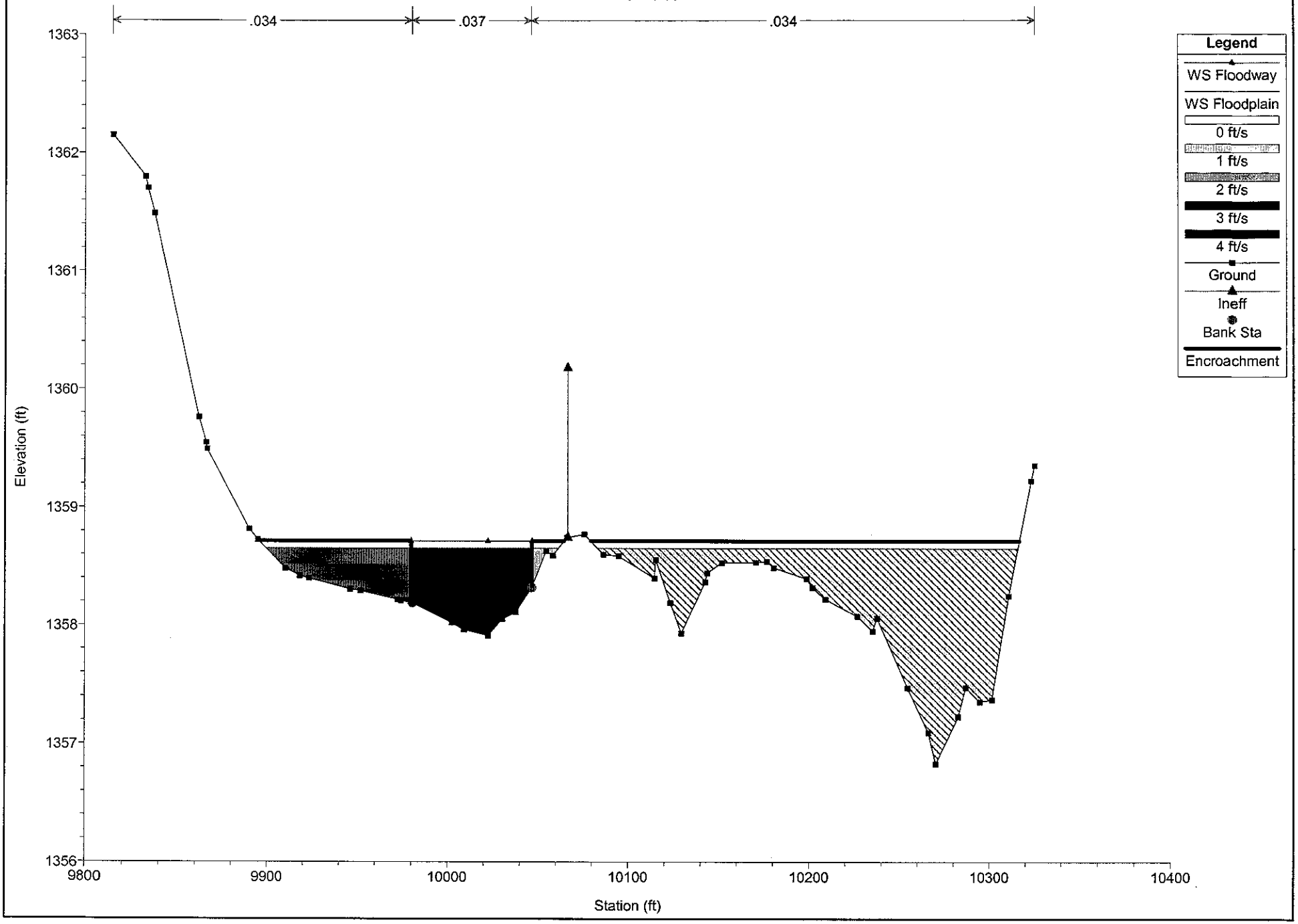
Wittmann ADMSU Plan: 10 East-East Split-2 (South of CAP) 9/2/2005

RS = 0.591



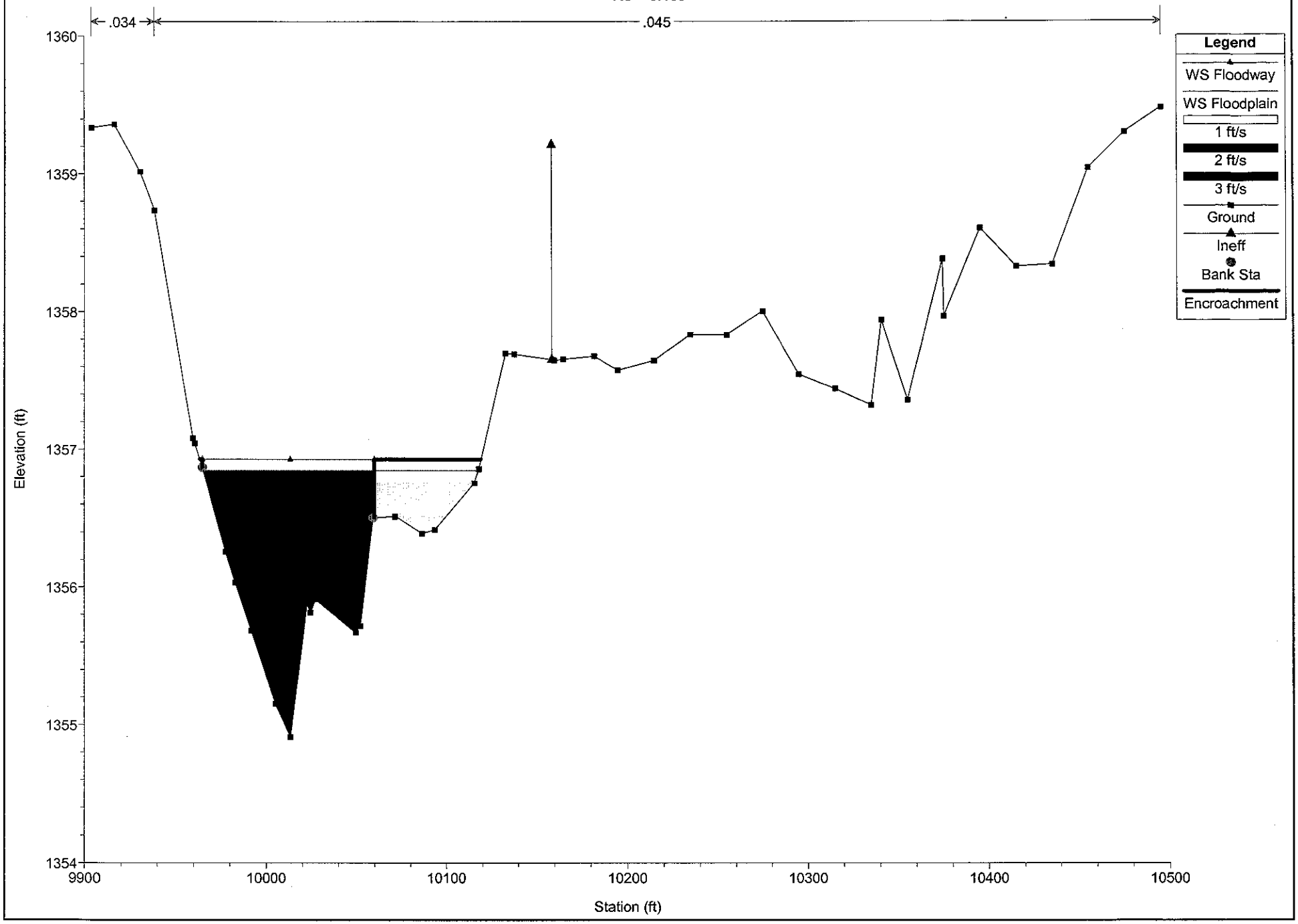
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 0.531



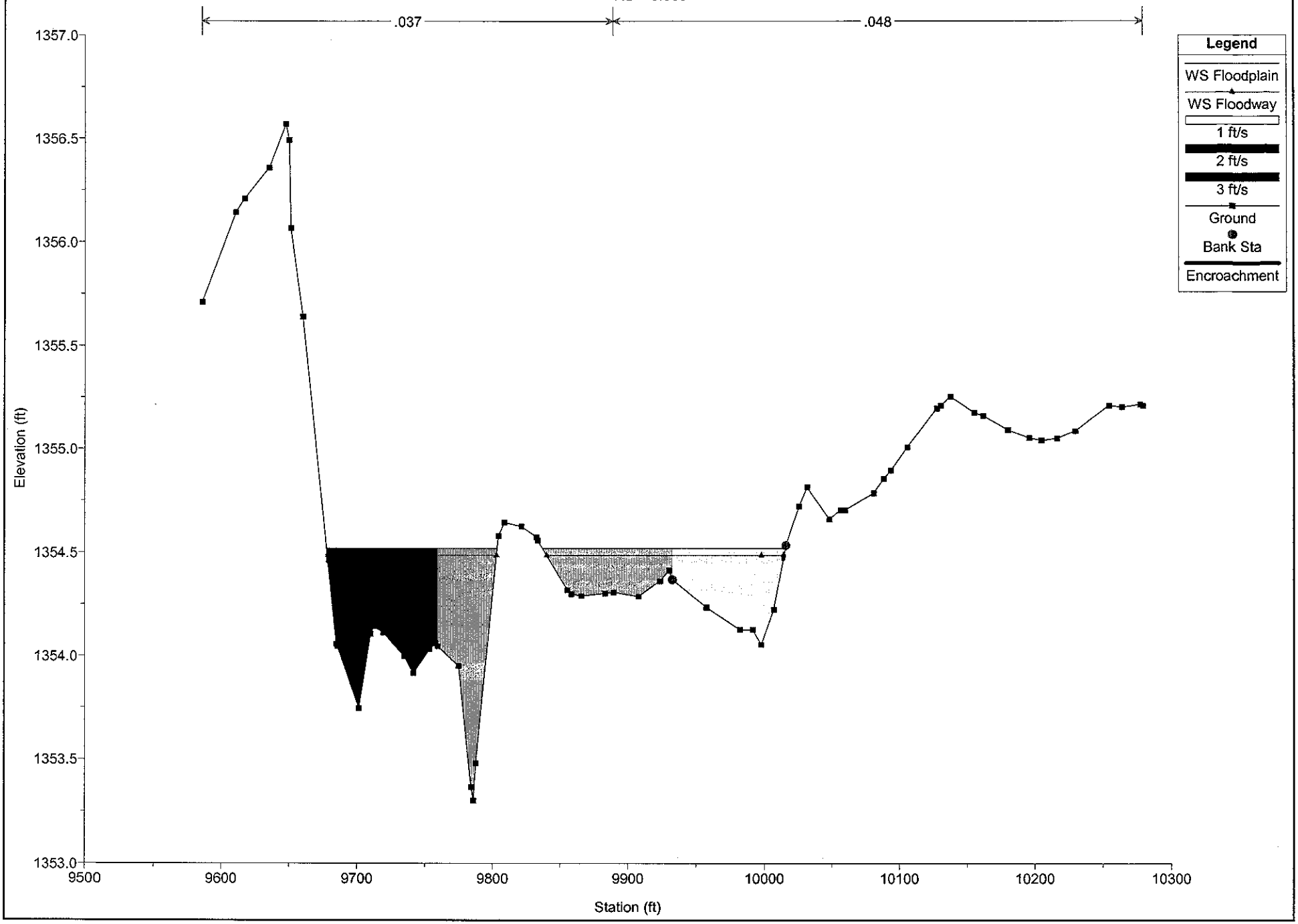
Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

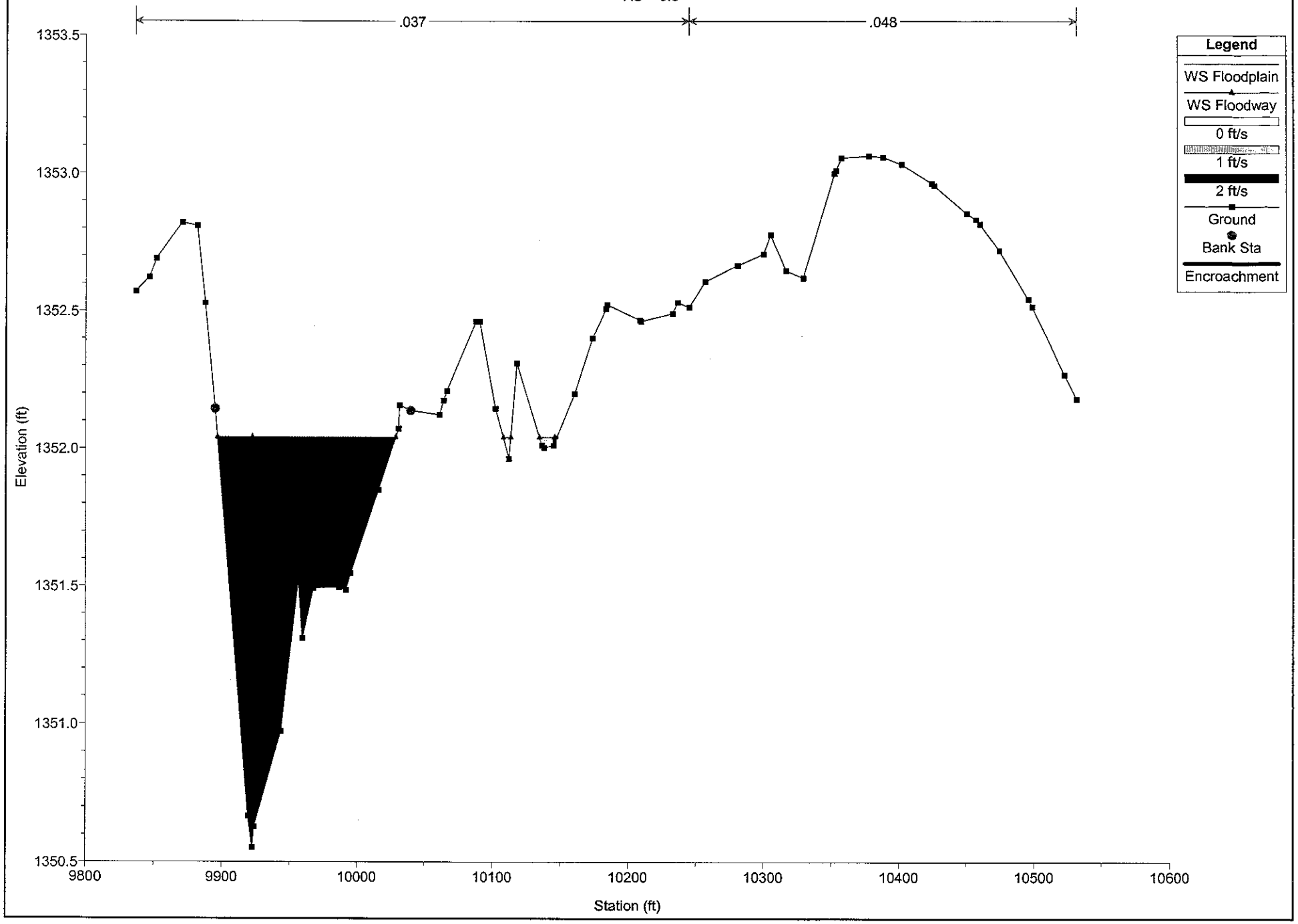
RS = 0.468



Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 0.365



Wittmann ADMSU Plan: 10 East-West Split-2 (South of CAP) 9/2/2005

RS = 0.3