Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	101	670

PROPOSED ELEVATIONS (FUTURE FINISHED ELEVATIONS)

850.60 849.50 848.40 847.30 846.20 845.10 844.00 842.90 841.80 840.70 839.60 838.50 837.40 836.30 835.20 834.10 833.00 831.96 831.05 830.26 829.60 829.06 828.66 828.36 828.20 828.16 828.25

VPC 1538+50.00

NOT IN CONTRACT

K = 200
600.00 Ft V.C.

BEGIN WORK
STA. 1701+15.00

2.20%

0.80%

FUTURE FINISHED GRADE

23"

BEGIN GRADING
STA. 1702+11.66

CURRENT FINISHED FILL

EXISTING GROUND

LEVEE CENTERLINE

EXISTING LEVEE

RANDOM EARTH

2.5:1

2:1

1.5:1

SELECT EARTH

DITCH C
STA. 1701+28.50
VPI 1701+50.00

1.5:1

4.5"

1.5" UNDERCUT

SILSTONE

4"

CHANNEL CONSTRUCTED BY OTHERS (UPSTREAM)

EXISTING ELEVATIONS

789.84 789.77 790.84 792.9 790.59 791.62 790.45 789.01 790.29 789.53 789.97 791.24 791.72 792.21 792.14 792.15 792.66 793.11 793.41 793.60 793.97 794.09 794.09 794.07 793.56 792.22 791.47

1691+00 1692+00 1693+00 1694+00 1695+00 1696+00 1697+00 1698+00 1699+00 1700+00 1701+00 1702+00 1703+00

940 920 900 880 860 840 820 800 780 760 740

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

MAINLINE

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	102	670

PROPOSED ELEVATIONS (FUTURE FINISHED ELEVATIONS)

828.25 828.46 828.80 829.20 829.60 830.00 830.40 830.80 831.20 831.60 832.00 832.40 832.80 833.20 833.60 834.00 834.40 834.80 835.20 835.56 835.84 836.03 836.15 836.18 836.18 836.01 835.80 835.55

VPT 1704+50.00

K = 200
600.00 ft V.C.

EXISTING E&TV LINE

EXISTING T&TV LINE

STA. 1708+01.47 ℄ MAINLINE
STA. 1729+22.61 US 220

END GRADING
STA. 1706+70.86

23"

CURRENT FINISHED FILL

2:1

SILTSTONE

4'

1.5' UNDERCUT

END SILSTONE
STA. 1707+60.00

EXISTING SAN LINE

EXISTING GAS LINE AND WATER LINE

PROPOSED GAS LINE

BEGIN GRADING
STA. 1709+80.22

FUTURE FINISHED GRADE

0.80%

0.50%

VPI 1711+50.00
EL. 836.80

CURRENT FINISHED FILL

K = 308
400.00 ft V.C.

VPC 1712+50.00

SILTSTONE

4'

EXISTING GROUND

1.5' UNDERCUT

BEGIN SILSTONE
STA. 1708+90.00

PROPOSED WATER LINE

VPT 1716+50.00

EXISTING ELEVATIONS

794.47 794.98 794.99 795.35 795.25 795.65 797.15 795.65 795.72 796.58 796.37 796.15 795.67 795.99 795.48 795.62 795.60 795.69 795.54 795.64 795.45 794.38 795.12 795.85 795.51 794.63 795.96 794.14

1704+00 1705+00 1706+00 1707+00 1708+00 1709+00 1710+00 1711+00 1712+00 1713+00 1714+00 1715+00 1716+00 1717+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

MAINLINE

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - N - 100.40 06	APD 0484 (251)C	2003	HARDY	103	670

PROPOSED ELEVATIONS (FUTURE FINISHED ELEVATIONS)

835.55 | 835.30 | 835.05 | 834.80 | 834.55 | 834.30 | 834.05 | 833.80 | 833.55 | 833.30 | 833.05 | 832.80 | 832.55 | 832.30 | 832.05 | 831.80 | 831.55 | 831.30 | 831.05 | 830.80 | 830.55 | 830.30 | 830.05 | 829.80 | 829.55 | 829.30 | 829.05 | 828.80

STA 1720+00.00 MAINLINE
STA 400+00.00 RAMP 4
OFFSET 29.00' LT

STA 1723+00.00 MAINLINE
STA 100+00.00 RAMP M
OFFSET 29.00' RT

STA 1725+61.91 MAINLINE
STA 1973+88.38 RAILROAD

STA 1727+22.50 MAINLINE
STA 571+43.55 OVERFLOW CHANNEL

FUTURE FINISHED GRADE

23"

-050%

CURRENT FINISHED FILL

END GRADING
STA. 1724+53.80

2.5:1

SILTSTONE

EXISTING GROUND

4'

1.5' UNDERCUT

EL. 787.00

100'

SOUTH BRANCH VALLEY RAILROAD

END FILL
STA. 1725+39.80

SEE GENERAL NOTE SHEET 14
REGARDING SHEET PILING REQUIRED

SILTSTONE

2.5:1

BEGIN FILL
STA. 1728+50.80

4'

SHEET PILE

1.5' UNDERCUT

DUMPLING RUN

2.5:1

940 | 920 | 900 | 880 | 860 | 840 | 820 | 800 | 780 | 760 | 740

EXISTING ELEVATIONS

796.14 | 795.22 | 795.15 | 795.24 | 795.54 | 795.20 | 794.43 | 796.17 | 793.71 | 795.47 | 795.28 | 795.27 | 795.27 | 794.78 | 794.91 | 795.49 | 794.58 | 796.01 | 795.84 | 794.96 | 796.12 | 795.63 | 796.27 | 796.58 | 797.52 | 795.19 | 798.22 | 798.21

1717+00 | 1718+00 | 1719+00 | 1720+00 | 1721+00 | 1722+00 | 1723+00 | 1724+00 | 1725+00 | 1726+00 | 1727+00 | 1728+00 | 1729+00 | 1730+00

SCALES
10 Ft.
0 50 Ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

MAINLINE

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0454 (251)C	2003	HARDY	104	670

PROPOSED ELEVATIONS

828.80 828.55 828.30 828.05 827.80 827.55 827.30 827.05 826.80 826.55 826.30 826.05 825.80 825.55 825.30 825.05 824.80 824.56 824.39 824.27 824.22 824.23 824.30 824.43 824.63 824.88 825.13

BEGIN GRADING
STA. 1730+29.75

FUTURE FINISHED GRADE

23"

BEGIN PROJECT
STA. 1731+00.00

PROPOSED PROFILE

CURRENT FINISHED FILL

EXISTING GROUND

SILTSTONE

4'

1.5' UNDERCUT

VPC 1738+67.50

K = 400
100.00 ft. V.C.

MOOREFIELD INTERCHANGE BRIDGE

STA 1743+50.00 MAINLINE*
STA 2296+12.14 US 220 RAMP CN. NORTH

VPT 1742+67.50

FINISHED GRADE

-0.50%

+0.50%

GRADING LINE

GRADING TRANSITION

24" PIPE

CUT LINE

STANDARD 6" U.D. AS SPECIFIED ON PLANS

VPI 1740+67.50
EL. 823.71

EXISTING ELEVATIONS

798.21 797.00 796.53 796.59 796.58 796.64 796.57 796.76 797.18 794.92 797.16 797.07 797.44 799.22 799.78 800.10 801.67 802.86 804.26 806.63 813.58 830.14 842.89 848.26 858.06 863.13 862.09

940 920 900 880 860 840 820 800 780 760 740

1731+00 1732+00 1733+00 1734+00 1735+00 1736+00 1737+00 1738+00 1739+00 1740+00 1741+00 1742+00 1743+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

MAINLINE

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 -H- 100.40 06	APD 0484 (251)C	2003	HARDY	105	670

PROPOSED ELEVATIONS

825.13 825.38 825.63 825.88 826.13 826.38 826.63 826.88 827.13 827.38 827.63 827.88 828.13 828.38 828.63 828.88 829.13 829.38 829.63 829.92 830.23 830.87 831.53 832.32 833.23 834.27 835.43

STA 1743+50.00 MAINLINE
STA 2296+12.14 US 220 RAMP CNL NORTH

EXISTING GROUND

VPC 1732+60.00

K = 200
500.00 ft V.C.

PROPOSED PROFILE

+0.50%

-3.00%

VPT 1755+10.00
ELEV. 830.92

MOOREFIELD INTERCHANGE BRIDGE

24" PIPE

72" PIPE

30" PIPE

EXISTING ELEVATIONS

862.09 863.57 864.21 865.00 865.75 866.26 866.14 867.66 867.97 867.12 867.22 867.462 867.491 875.35 875.84 874.29 874.54 874.30 875.37 877.18 877.066 878.52 878.58 878.52 878.31 878.32 878.58

940 920 900 880 860 840 820 800 780 760 740

1744+00 1745+00 1746+00 1747+00 1748+00 1749+00 1750+00 1751+00 1752+00 1753+00 1754+00 1755+00 1756+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

MAINLINE

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0481 (251)C	2003	HARDY	106	670

PROPOSED ELEVATIONS

835.43 836.71 838.13 839.53 841.13 842.63 844.13 845.63 847.13 848.63 850.13 851.63 853.13 854.63 856.13 857.63 859.13 860.63 862.13 863.63 865.13 866.63 868.13 869.63 871.13 872.63 874.13 875.63

940 920 900 880 860 840 820 800 780

EXISTING GROUND

STA 1766+50.00 MAINLINE
STA 223+19.49 RAMP 2
OFFSET 29.00' RT

STA 1768+97.73 MAINLINE
STA 225+58.92 RAMP 3
OFFSET 23.00' LT

1757+60.00
EVPT

X = 200
500.00 FT V.C.

PROPOSED PROFILE

3.00%

EXISTING ELEVATIONS

878168 878140 878153 878144 878174 878195 878140 878190 880159 881160 882258 883159 884193 885199 885773 884124 883104 883.17 882279 882146 883146 883192 883198 883.32 881139 879157 878186 878160

1757+00 1758+00 1759+00 1760+00 1761+00 1762+00 1763+00 1764+00 1765+00 1766+00 1767+00 1768+00 1769+00 1770+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

MAINLINE

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	107	670

PROPOSED ELEVATIONS

875.63 877.11 878.48 879.73 880.86 881.86 882.73 883.48 884.11 884.61 884.98 885.25 885.50 885.75 886.00 886.25 886.50 886.82 887.27 887.85 888.57 889.43 890.41 891.53 892.79 894.18 895.70 897.36

980 960 940 920 900 880 860 840 820

VPC 1770+25.00

K = 200
500.00 ft V.C.

VPI 1772+75.00
EL. 883.88

VPT 1775+25.00

VPC 1778+00.00

K = 187
600.00 ft V.C.

VPI 1781+00.00
EL. 898.00

END PROJECT
STA. 1782+50.00

END BRIDGE
STA. 1781+23.77

BEGIN BRIDGE
STA. 1780+20.23

STA 1780+68.97 MAINLINE
STA 54+75.08 FORT RUN

PROPOSED PROFILE

EXISTING GROUND

GRADING LINE

GRADING TRANSITION

66"x51" ARCH PIPE

24" PIPE

18" PIPE

3.00%

0.50%

0.50%

BRIDGE OVER FORT RUN

S.E. FOR SLOPE STABILIZATION

S.E. FOR SLOPE STABILIZATION

FORT RUN

EXISTING ELEVATIONS

877.60 877.17 877.64 877.37 877.42 875.18 876.24 876.08 876.73 877.52 877.46 878.11 879.04 879.62 880.82 881.31 881.03 881.45 883.12 883.88 883.45 877.30 880.76 882.53 883.20 883.92 888.57 890.18

1770+00 1771+00 1772+00 1773+00 1774+00 1775+00 1776+00 1777+00 1778+00 1779+00 1780+00 1781+00 1782+00 1783+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

MAINLINE

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0481 (251)C	2003	HARDY	108	670

PROPOSED ELEVATIONS

1784+00	1785+00	1786+00	1787+00	1788+00	1789+00	1790+00	1791+00	1792+00	1793+00	1794+00	1795+00	1796+00
895.70	897.36	899.15	901.01	902.97	904.72							
Offset Rt.	6.22'	6.64'	7.12'	7.66'	8.21'	8.75'	9.28'	9.81'	10.34'	10.85'	11.36'	11.87'
Offset Lt.	6.40'	6.85'	7.36'	7.90'	8.44'	8.98'	9.51'	10.03'	10.55'	11.06'	11.57'	12.07'
Elev.	906.26	908.10	909.93	911.76	913.59	915.43	917.26	919.09	920.92	922.75	924.59	925.42
Offset Rt.	6.22'	6.64'	7.12'	7.66'	8.21'	8.75'	9.28'	9.81'	10.34'	10.85'	11.36'	11.87'
Elev.	906.89	908.77	910.66	912.54	914.43	916.31	918.20	920.08	921.97	923.85	925.73	927.62
Offset Rt.	12.56'	12.85'	13.33'	13.00'	13.99'	14.72'	14.27'	14.41'	14.88'	15.32'	15.75'	16.17'
Elev.	928.25	930.09	932.92	934.76	936.59	937.43	935.59	935.59	937.43	939.27	941.10	942.94
Offset Rt.	12.36'	12.85'	13.33'	13.00'	13.99'	14.72'	14.27'	14.41'	14.88'	15.32'	15.75'	16.17'
Elev.	929.50	931.38	933.27	935.11'	936.94	938.81	937.03	937.03	938.91	940.79	942.67	944.55
Offset Rt.	12.56'	13.04'	13.51'	13.99'	14.47'	14.88'	14.41'	14.41'	14.88'	15.32'	15.75'	16.17'
Elev.	928.25	930.09	931.92	933.76	935.59	937.43	935.59	935.59	937.43	939.27	941.10	942.94
Offset Rt.	12.07'	12.56'	13.04'	13.51'	13.99'	14.47'	14.88'	15.32'	15.75'	16.17'	16.58'	
Elev.	925.42	927.25	929.09	930.92	932.76	934.59	936.43	938.27	940.10	941.94	943.78	

SPLINE GRADE

EXISTING ELECTRIC LINE

PVI STA 1784+00.00
K = 187
600.00 ft V.C.

STA 1785+77.67 B.L. WV 1
VPI EL = 905.75 BK
VPI EL = 906.06 AH (EB)
VPI EL = 905.44 AH (WB)

+.37%

NOT IN CONTRACT

EXISTING GROUND

EXISTING ELEVATIONS

1784+00	1785+00	1786+00	1787+00	1788+00	1789+00	1790+00	1791+00	1792+00	1793+00	1794+00	1795+00	1796+00
890.18	892.23	894.13	895.97	897.80	899.68	901.58	903.58	905.69	907.77	909.94	1010.48	1021.84
890.69	891.23	892.13	893.97	895.22	896.22	897.53	899.42	901.40	903.68	905.58	1032.01	1043.39
											1049.76	1050.80
											1050.86	1049.79
											1049.97	1047.36

SCALES
10 ft.
0
50 ft.
0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

MAINLINE

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	109	670

PROPOSED ELEVATIONS

EXISTING ELEVATIONS

920 900 880 860 840 820 800 780 760

831.97 831.69 831.40 831.12 830.83 830.55 830.26 829.98 829.69 829.41 829.12 828.84 828.55 828.27 827.98 827.70 827.41 827.13 826.68 826.14 825.60 825.06

795.12 794.75 794.41 796.51 794.45 796.26 796.06 794.46 796.10 796.02 796.47 796.72 797.95 797.60 797.56 797.07 796.89 797.13 797.56 796.03 796.73 796.71

100+00 101+00 102+00 103+00 104+00 105+00 106+00 107+00 108+00 109+00 110+00

STA. 172+00.00 MAINLINE-
STA. 100+00.00 RAMP 1-
OFFSET 29.00 RT

STA. 102+80.97 RAMP 1-
STA. 1980+28.30 RAILROAD

STA. 104+22.91 RAMP 1-
STA. 570+93.79 OVERFLOW CHANNEL

FUTURE PROPOSED GRADE

23"

CURRENT FINISHED FILL

END GRADING STA. 101+53.89

2.5:1

SILTSTONE

4'

1.5' UNDERCUT

5:1

EL. 787.00

100'

SOUTH BRANCH VALLEY RAILROAD

END FILL STA. 102+40.63

SHEET PILE

PROPOSED PROFILE

BEGIN FULL DEPTH PAVEMENT STA. 108+00.00

VPI 109+82.11
EL. 825.79

-1.07%

BEGIN GRADING STA. 107+30.19

MATCH EOP MAINLINE

BEGIN FILL STA. 106+59.34

EXISTING GROUND

1.5' UNDERCUT

DUMPLING RUN

EXISTING SANITARY LINE

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

RAMP 1

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 -H- 100.40 06	APD 0484 (251)C	2003	HARDY	110	670

PROPOSED ELEVATIONS

825.06 824.53 824.01 823.70 823.65 823.85 824.30 825.01 825.97 827.18 828.65 830.37 832.33 834.33 836.33 838.33 840.33 842.33 844.08 845.33 846.33

920 900 880 860 840 820 800 780 760

VPC 111+50.00

K = 99
500.00 ft V.C.

VPT 116+50.00

VPI 119+50.00
EL. 844.33

STA 2293+82.14 US 220 RAMP ON NORTH
STA 120+69.77 RAMP 1
STA 200+00.00 RAMP 2

FINISHED GRADE
-4.00%
+2.00%
GRADING LINE
GRADING TRANSITION
24" PIPE
STANDARD 6" U.D. AS SPECIFIED ON PLANS
CUT LINE

PROPOSED PROFILE
-1.07%
4.00%

K = 50
100.00 ft V.C.

VPC 119+00.00
VPT 120+00.00

SILTSTONE
EXISTING GROUND

4'
1.5' UNDERCUT

113+80.00
21.53

EXISTING ELEVATIONS

797.71 797.30 797.51 796.97 796.98 797.16 798.05 798.36 798.72 798.91 799.29 799.90 802.57 798.45 801.11 805.42 813.43 829.32 847.87 863.58 867.88

111+00 112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00 120+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

RAMP 1

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	111	670

PROPOSED ELEVATIONS

846.71 845.71 844.71 843.71 842.71 841.51 840.31 839.11 837.91 836.71 835.51 834.31 833.11 831.91 830.75 829.80 829.06 828.55 828.26 828.19 828.34 828.72 829.31 830.17 831.17 832.47 833.98 835.38

STA. 2293+62.74 US 220 RAMP CN. NORTH
STA. 120+69.17 RAMP 1
STA. 200+00.00 RAMP 2

VPI 202+00.00
ELI. 842.71

EXISTING GROUND

VPC 206+70.00

K = 113
600.00 ft V.C.

VPT 212+70.00

MATCH EOP MAINLINE

2.00% 2.40% -2.40% -2.92% 3.01%

24" PIPE

PROPOSED PROFILE

72" PIPE

18" PIPE

36" PIPE 30" PIPE

VPI 209+70.00
ELI. 824.24

VPI 212+94.45
ELI. 833.71

920 900 880 860 840 820 800 780 760

EXISTING ELEVATIONS

867.65 867.71 867.39 866.49 866.87 867.43 868.38 869.55 870.31 870.51 871.75 871.31 873.63 875.25 877.07 877.76 878.26 878.06 876.98 876.16 876.19 879.57 880.14 881.15 880.41 880.30 880.20 880.04

200+00 201+00 202+00 203+00 204+00 205+00 206+00 207+00 208+00 209+00 210+00 211+00 212+00 213+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

RAMP 2

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	112	670

PROPOSED ELEVATIONS

835.38 836.89 838.39 839.89 841.40 842.90 844.41 845.91 847.41 848.92 850.42 851.93 853.43 854.93 856.44 857.94 859.45 860.95 862.45 863.96

EXISTING GROUND

STA 1766+50.00 MAINLINE
STA 223+16.49 RAMP 2
OFFSET 29.00' RT

864.54

PROPOSED PROFILE

+.30%

920 900 880 860 840 820 800 780 760

880.04 880.01 879.56 879.63 880.01 880.07 880.31 880.54 881.50 882.52 883.30 884.93 886.15 886.57 885.72 884.44 884.16 883.36 883.27 883.36

214+00 215+00 216+00 217+00 218+00 219+00 220+00 221+00 222+00 223+00

EXISTING ELEVATIONS

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

RAMP 2

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	113	670

PROPOSED ELEVATIONS

855.00 855.00 854.00 853.00 852.00 851.00 850.00 849.00 848.00 847.00 846.00 845.00 844.00 843.00 842.00 841.00 840.00 839.00 838.02 837.17 836.49 835.96 835.56 835.39 835.35 835.46 835.74 836.13 836.77

920 900 880 860 840 820 800 780 760

STA 2292+12.14 US 220 RAMP ON NORTH
STA 300+00.00 RAMP 3
STA 423+60.30 RAMP 4

EXISTING GROUND

PROPOSED PROFILE

VPC 308+27.00

K = 156
800.00 ft V.C.

2.00%

3.13%

24" PIPE

VPI 312+27.00
EL. 830.46

EXISTING ELEVATIONS

965.80 967.14 968.13 968.89 969.12 970.07 969.96 970.14 970.47 971.06 971.62 972.06 972.59 972.98 973.06 973.03 972.99 972.63 973.76 974.26 974.85 974.95 974.41 974.62 975.18 975.56 975.82 974.97

300+00 301+00 302+00 303+00 304+00 305+00 306+00 307+00 308+00 309+00 310+00 311+00 312+00 313+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

RAMP 3

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 -H- 100.40 06	APD 0484 (251)C	2003	HARDY	114	670

PROPOSED ELEVATIONS

836.77 837.53 838.46 839.52 840.76 842.16 843.70 845.27 846.83 848.40 849.96 851.53 853.09 854.66 856.22 857.79 859.35 860.91 862.48 864.04 865.61 867.17 868.74 870.30 871.87

920 900 880 860 840 820 800 780 760

EXISTING GROUND

PROPOSED PROFILE

K = 156
800.00 ft V.C.

VPT 316+27.09

VPI 320+53.17
EL. 856.32

-3.13%

MATCH EOP MAINLINE

MATCH EOP MAINLINE

STA 7+68.27 MAINLINE
STA 326+33.62 RAMP 3
OFFSET 29.00' LT

871.98

EXISTING ELEVATIONS

875.97 875.69 875.51 876.73 877.31 878.09 878.82 879.70 880.08 880.93 881.76 882.24 882.50 881.81 881.56 881.49 881.46 881.62 882.12 882.75 883.42 883.50 882.82 880.20 879.58

314+00 315+00 316+00 317+00 318+00 319+00 320+00 321+00 322+00 323+00 324+00 325+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

RAMP 3

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	115	670

PROPOSED ELEVATIONS (FUTURE FINISHED ELEVATIONS)

EXISTING ELEVATIONS

833.47 833.20 832.93 832.66 832.39 832.12 831.85 831.58 831.31 831.04 830.77 830.50 830.23 829.96 829.69 829.42 829.15 828.88 828.61 828.34 828.07 827.68 827.18

STA 1720+00.00 MAINLINE
STA 400+00.00 RAMP 4
OFFSET 29.00LT

STA 405+63.18 RAMP 4
STA 1979+48.10 RAILROAD

STA 407+22.50 RAMP 4
STA 97+87.00 OVERFLOW CHANNEL

BEGN FULL DEPTH PAVEMENT
STA 411+00.00

VPI 410+25.04
EL. 827.93

FUTURE FINISHED GRADE
CURRENT FINISHED FILL
23"
END GRADING
STA 404+53.89
2.5:1
EXISTING GROUND
SILTSTONE
4'
1.5' UNDERCUT
1.5:1
EL. 787.00
100'
SOUTH BRANCH VALLEY RAILROAD
END FILL
STA 405+37.74
SHEET PILE

0.54%
1.00%
23"
BEGIN GRADING
STA 410+29.96
MATCH EOP MAINLINE
BEGIN FILL
STA 409+60.51
2.5:1
4'
SILTSTONE
2.5:1
1.5' UNDERCUT
DUMPLING RUN
SHEET PILE

794.47 795.39 794.58 795.27 795.50 795.24 795.21 794.20 795.06 795.22 795.08 795.73 795.66 794.82 795.11 795.66 795.84 797.90 800.11 798.26 797.10 796.51 798.59

400+00 401+00 402+00 403+00 404+00 405+00 406+00 407+00 408+00 409+00 410+00 411+00

920 900 880 860 840 820 800 780 760

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

RAMP 4

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 H 100.40 06	APD 0484 (251)C	2003	HARDY	116	670

PROPOSED ELEVATIONS

827.18 826.68 826.19 825.84 825.70 825.77 826.05 826.54 827.24 828.14 829.25 830.58 832.10 833.84 835.78 837.78 839.78 841.78 843.78 846.78 847.78 849.78 851.53 852.78 854.78

VPC 411+88.00

K = 120
600.00 ft V.C.

VPT 417+88.00

PROPOSED PROFILE

FINISHED GRADE

-4.00%

-2.00%

GRADING LINE

GRADING TRANSITION

STANDARD 6" U.D. AS SPECIFIED ON PLANS

CUT LINE

K = 50
100.00 ft V.C.

VPC 421+50.00

VPT 422+50.00

VPI 422+00.00
EL. 851.78

855.00

STA 2298+12.14 US 220 RAMP ON NORTH
STA 300+00.00 RAMP 3
STA 423+60.86 RAMP 4

BEGIN FULL DEPTH PAVEMENT
STA. 411+00.00

1.00%

4.00%

SILTSTONE

414+88.00
823.30

EXISTING GROUND

24" PIPE

72" PIPE

1.5' UNDERCUT

920 900 880 860 840 820 800 780 760

EXISTING ELEVATIONS

796.59 796.32 796.28 796.43 796.56 796.09 795.85 796.29 795.69 796.18 796.33 797.99 799.54 800.98 802.57 804.49 809.22 814.13 816.65 821.18 823.06 829.74 862.27 864.68 862.70

411+00 412+00 413+00 414+00 415+00 416+00 417+00 418+00 419+00 420+00 421+00 422+00 423+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

RAMP 4

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	117	670

PROPOSED ELEVATIONS

EXISTING ELEVATIONS

797.95 798.32 798.70 798.97 798.95 798.71 798.46 798.21 798.10 798.27 798.72 799.46 800.47 801.77 803.35 805.21 807.21 809.21 811.21 813.21 815.21 817.21 819.15 820.99 822.70

797.74 797.17 797.55 797.67 797.58 797.26 797.06 796.96 796.65 796.59 796.91 796.89 797.45 797.39 797.07 797.05 796.89 797.30 797.50 797.69 797.89 798.15 798.42 798.70 799.00

STA 800+00.00 US 220
STA 719+02.12 US 220

EXISTING E&TV LINE

EXISTING T&TV LINE

VPI 801+61.00
EL. 799.15

STA 803+23.00 US 220 RAMP CONNECTOR-CR WASH
STA 52+85.00

VPC 801+11.00

VPT 802+11.00

VPC 803+50.00

K = 89
400.00 ft V.C.

VPT 807+50.00

STA 808+00.00 US 220 RAMP CONNECTOR-
STA 24+27.94 ACCESS RD.12

PROPOSED PROFILE

0.75% -0.50% 1.00%

18" PIPE

3' UNDERCUT

SILTSTONE

EXISTING GROUND

1.5' UNDERCUT

EXISTING SANITARY LINE

EXISTING GAS LINE AND WATER LINE

PROPOSED GAS LINE

PROPOSED WATER LINE

K = 80
100.00 ft V.C.

VPI 805+50.00
EL. 797.21

K = 200
600.00 ft V.C.

VPC 811+47.44

800+00 801+00 802+00 803+00 804+00 805+00 806+00 807+00 808+00 809+00 810+00 811+00 812+00

720 740 760 780 800 820 840 860 880 900 920

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

US 220 RAMP CONNECTOR

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	118	670

PROPOSED ELEVATIONS

822.70 824.28 825.73 827.07 828.27 829.35 830.31 831.14 831.85 832.43 832.93 833.43 833.93 834.43 834.93 835.43 835.93 836.43 836.93 837.43 837.93 838.43 838.93 839.43 839.93 840.43 840.93

900 880 860 840 820 800 780 760 740

STA 813+50.00 US 220 RAMP CONNECTOR
STA 34+00.00 ACCESS RD.13
VPI 813+57.49
EL. 829.50

PROPOSED PROFILE

BEGIN BRIDGE
STA. 816+91.32

STA 817+70.07 US 220 RAMP CONNECTOR
STA 198+19.45 RAILROAD

STA 819+67.5 US 220 RAMP CONNECTOR
STA 56+26.89 OVERFLOW CHANNEL

PROPOSED PROFILE

END BRIDGE
STA. 823+09.54

STA 824+00.00 US 220 RAMP CONNECTOR
STA 40+00.00 ACCESS RD.14

US 220 RAMP CONNECTOR BRIDGE
OVER RAILROAD & DUMPLING RUN

4.00%
+1.00%

18" PIPE

CRUSHED ROCK FOR SLOPE PROTECTION
SEE SHEET S-1 BR.#10445

25' REQ'D

SILTSTONE

4'

1.5' UNDERCUT

3' UNDERCUT

10'

EL. 800.00

EXISTING GROUND

36" PIPE

V-1

EL. 790.00

52'

K = 200
600.00 ft V.C.

VPI 816+57.49

SOUTH BRANCH VALLEY RAILROAD

CONCRETE SILL
SEE SHEET S-1 BR.#10445

END FILL
STA 817+45.83

SEE GENERAL NOTE SHEET 14
REGARDING SHEET PILING REQUIRED

CRUSHED ROCK FOR SLOPE PROTECTION
SEE SHEET S-1 BR.#10445

BEGIN FILL
STA. 822+47.97

2:1

13'

3' UNDERCUT

1.5' UNDERCUT

4'

EL. 802.00

DUMPLING RUN

SELECT EMBANKMENT

SILTSTONE

EL. 789.00

41'

EXISTING ELEVATIONS

799.10 799.00 799.23 799.82 799.62 799.77 799.33 799.98 799.31 799.75 800.02 799.89 799.86 800.02 800.61 800.98 800.27 800.29 800.32 800.20 800.91 800.75 800.97 800.95 800.00 800.65 800.81

812+00 813+00 814+00 815+00 816+00 817+00 818+00 819+00 820+00 821+00 822+00 823+00 824+00 825+00

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

US 220 RAMP CONNECTOR

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	119	670

PROPOSED ELEVATIONS

EXISTING ELEVATIONS

VPC 828+25.00

K = 140
350.00 Ft V.C.

VPT 831+75.00

VPI 830+00.00
EL. 845.93

VPC 831+75.00

K = 232
350.00 ft V.C.

VPT 835+25.00

VPI 833+50.00
EL. 858.21

PROPOSED PROFILE

EXISTING GROUND

1.5' UNDERCUT

SILTSTONE

1.00%

-3.51%

3.51%

2.00%

STA 836+11.24 US 220 RAMP CONN.
STA 2286+00.00 PROF. WOOREFIELD BYPASS BK.
STA 2286+00.00 US-220 RAMP GN. NORTH AH.

SCALES
10 ft.
0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

US 220
RAMP CONNECTOR

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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