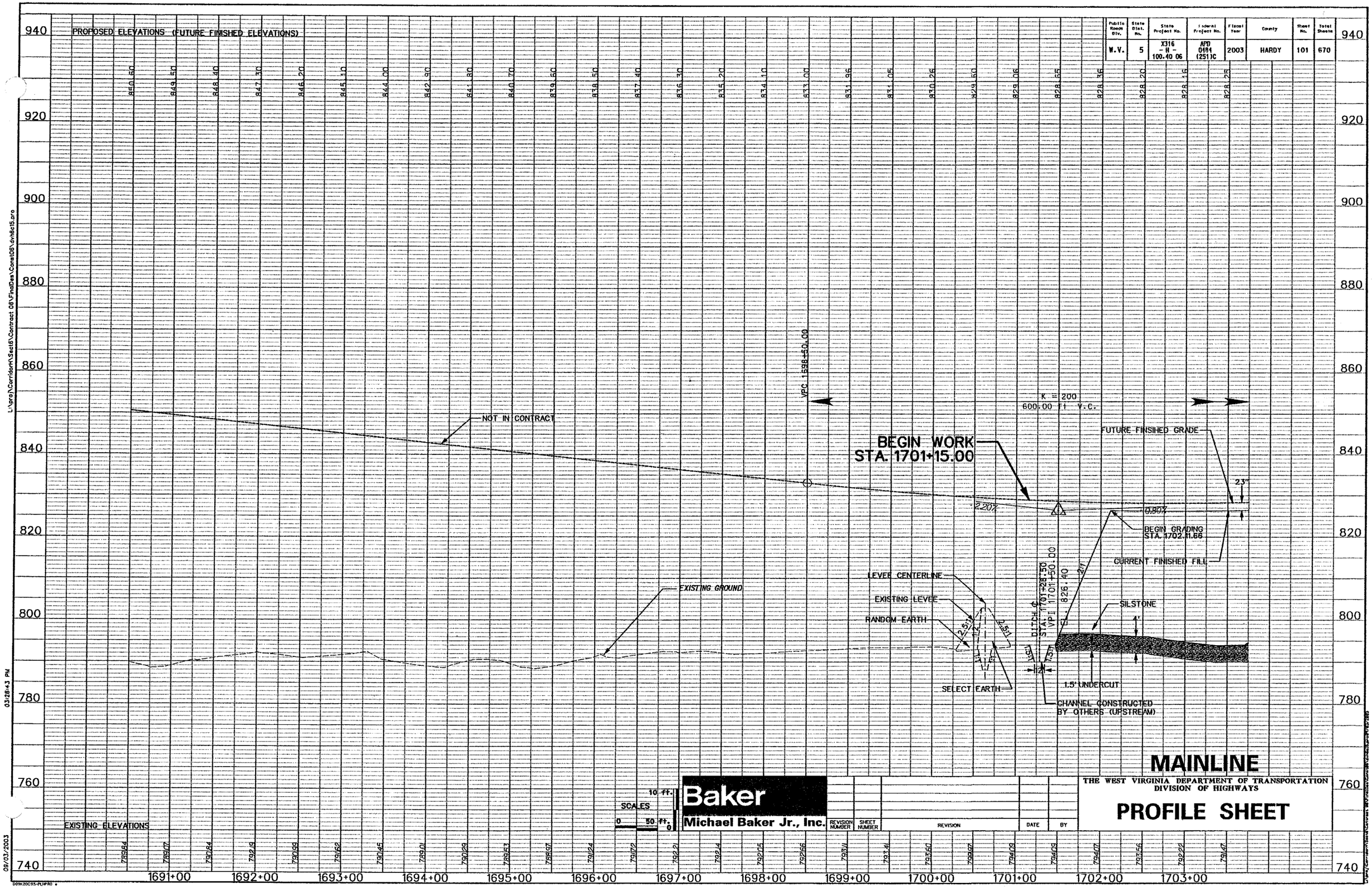

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	101	670

MAINLINE

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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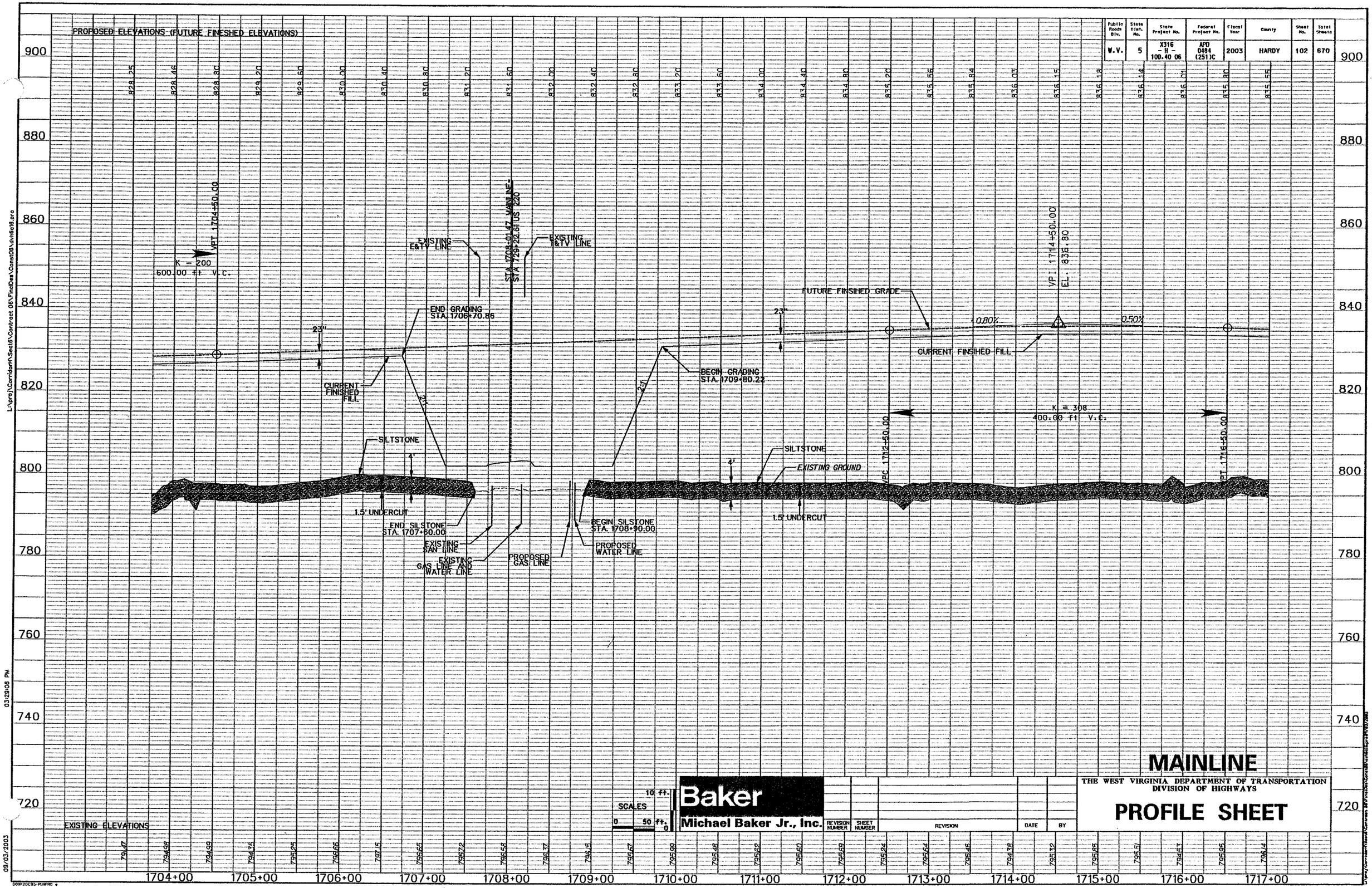

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	102	670

MAINLINE

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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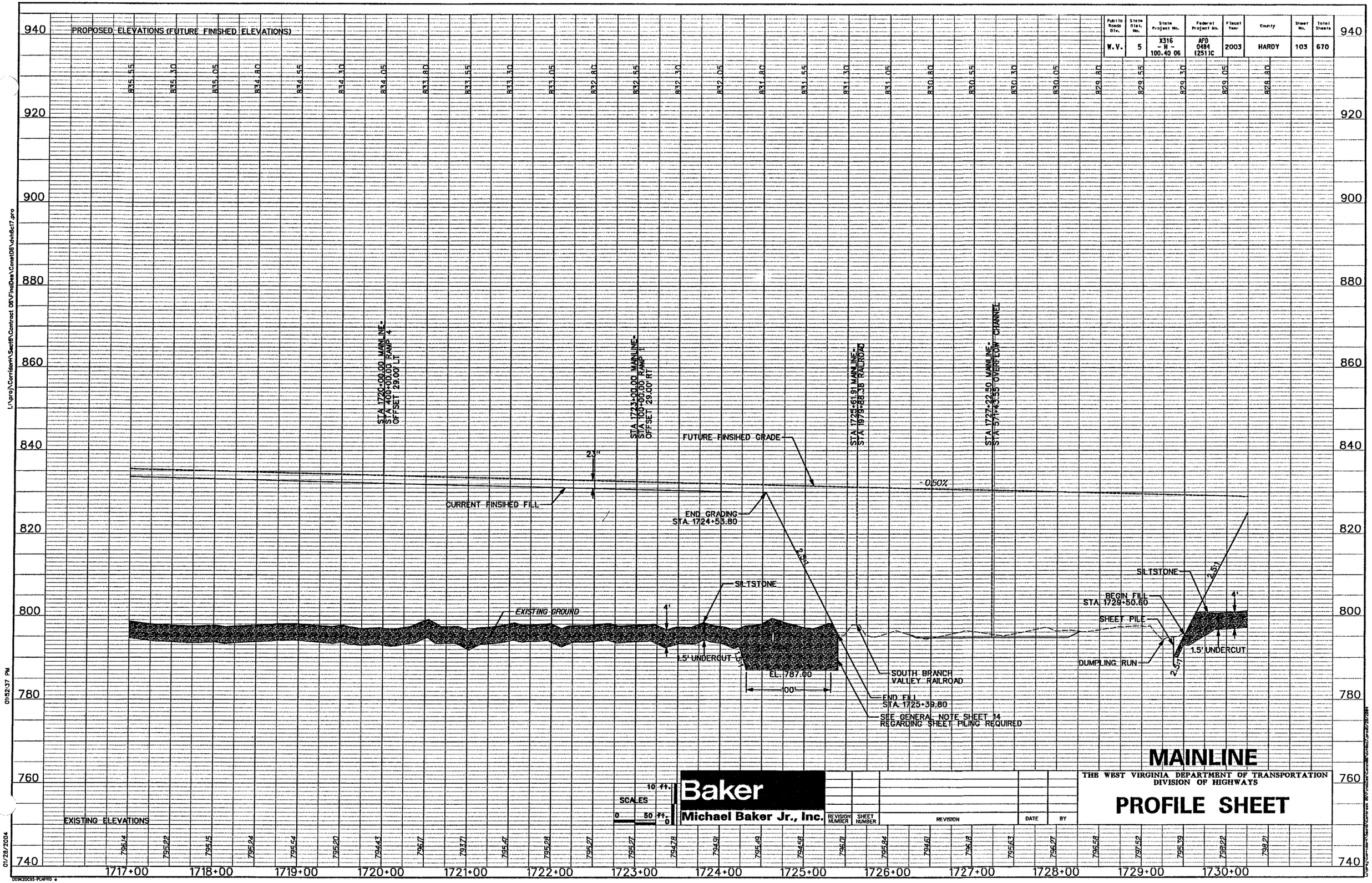
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	103	670



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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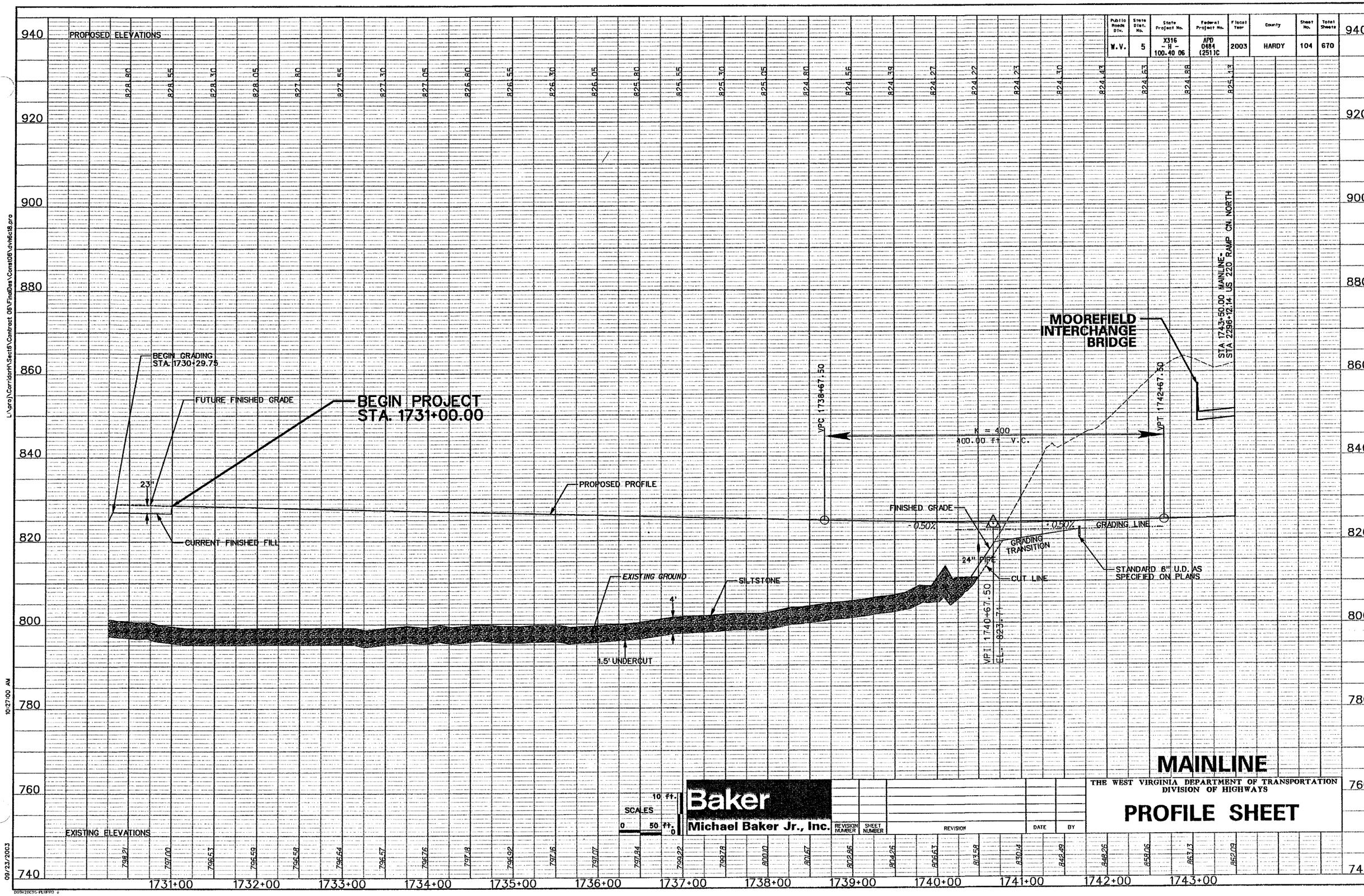

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	104	670

MAINLINE

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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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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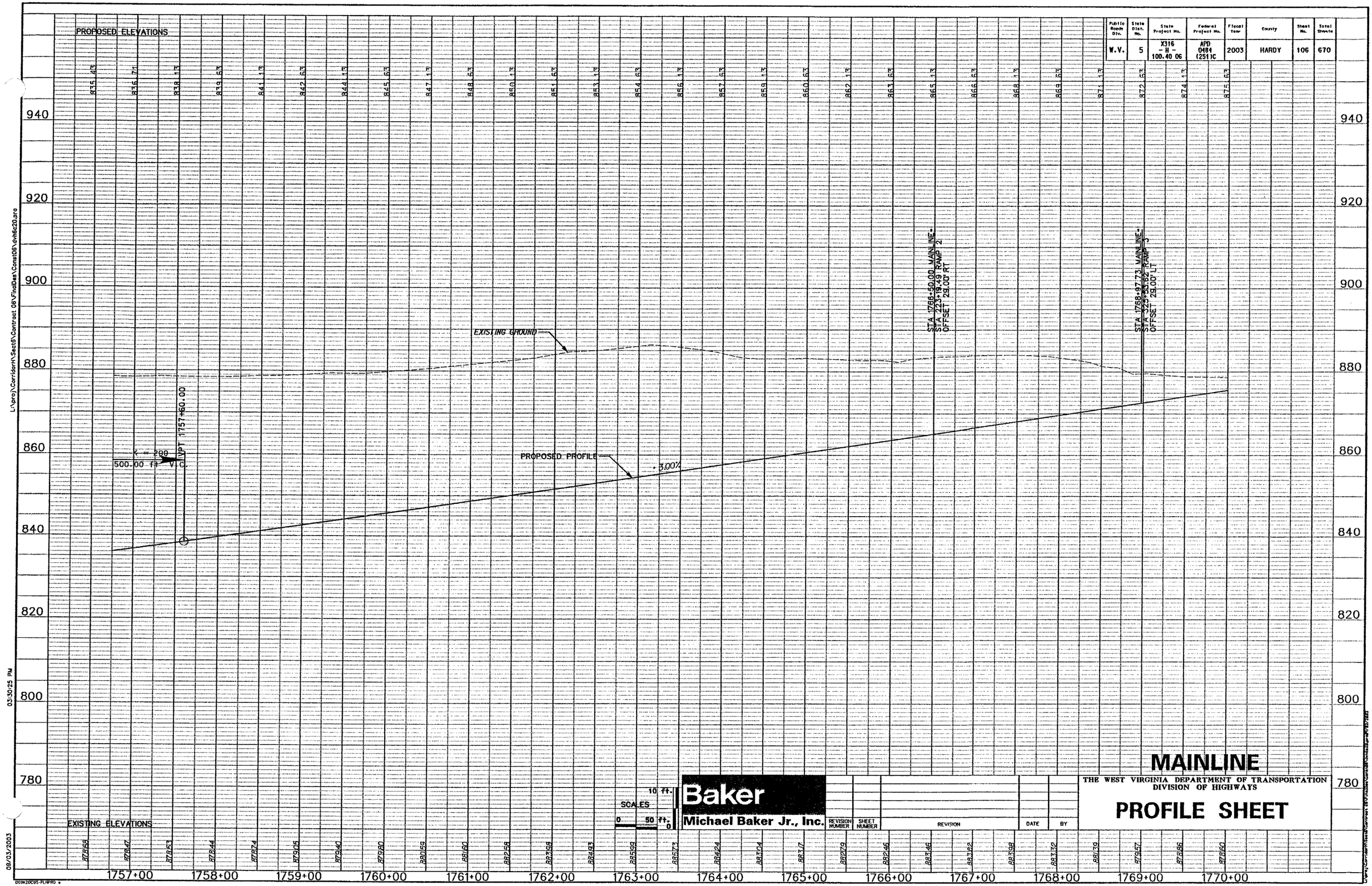
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	106	670



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Baker

Michael Baker Jr., Inc.

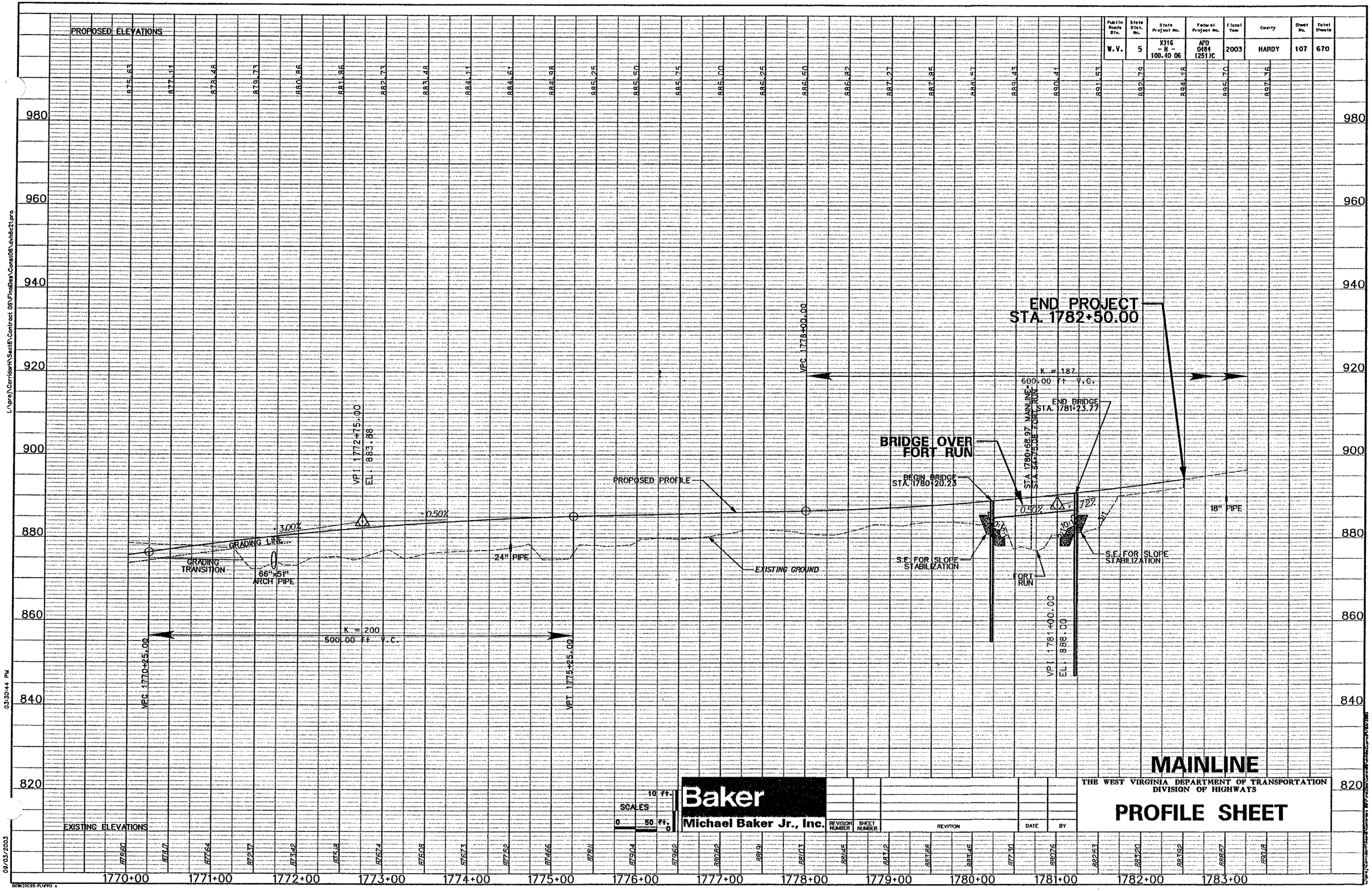
REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

MAINLINE

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

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



MAINLINE

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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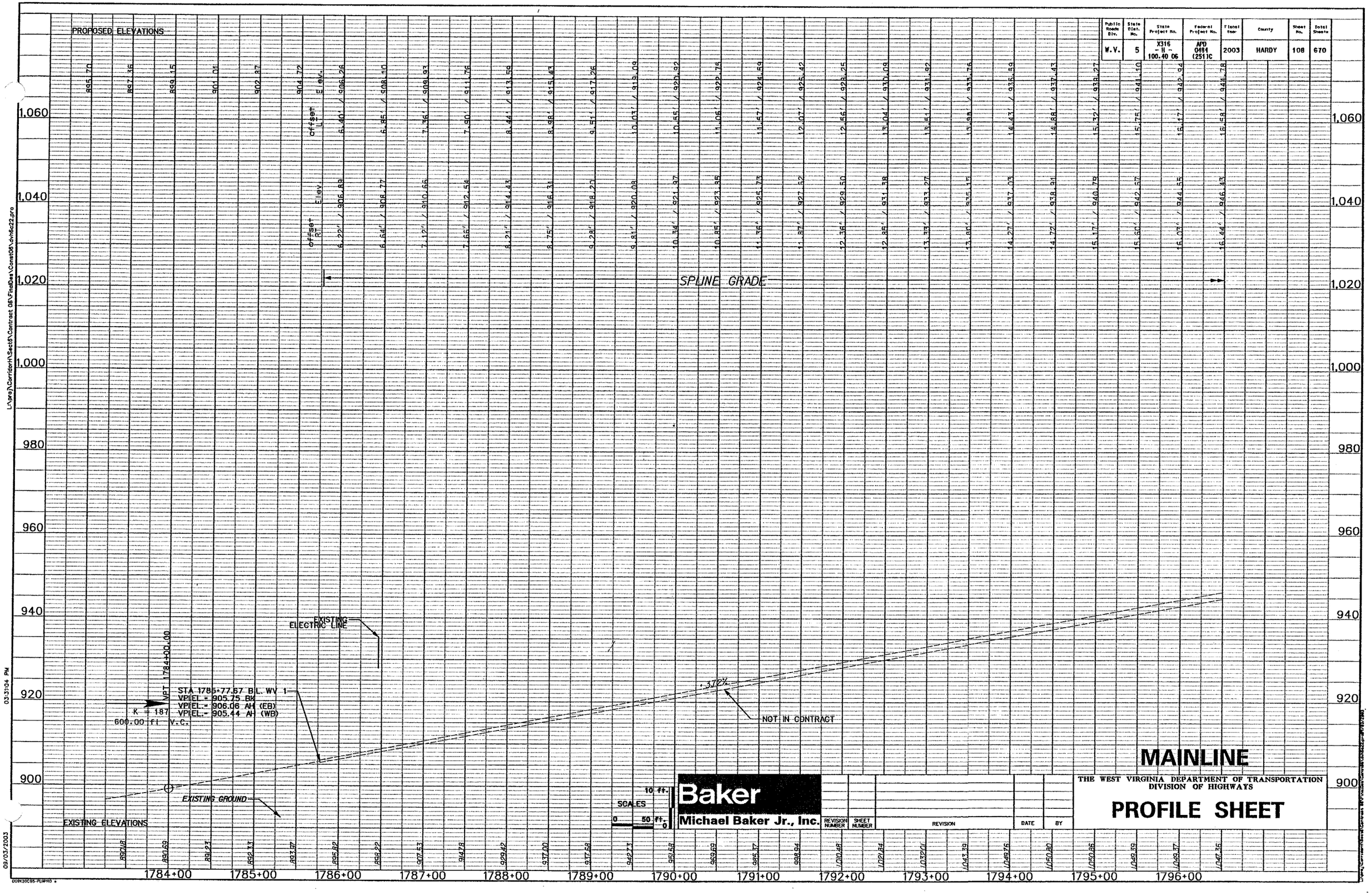

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	108	670

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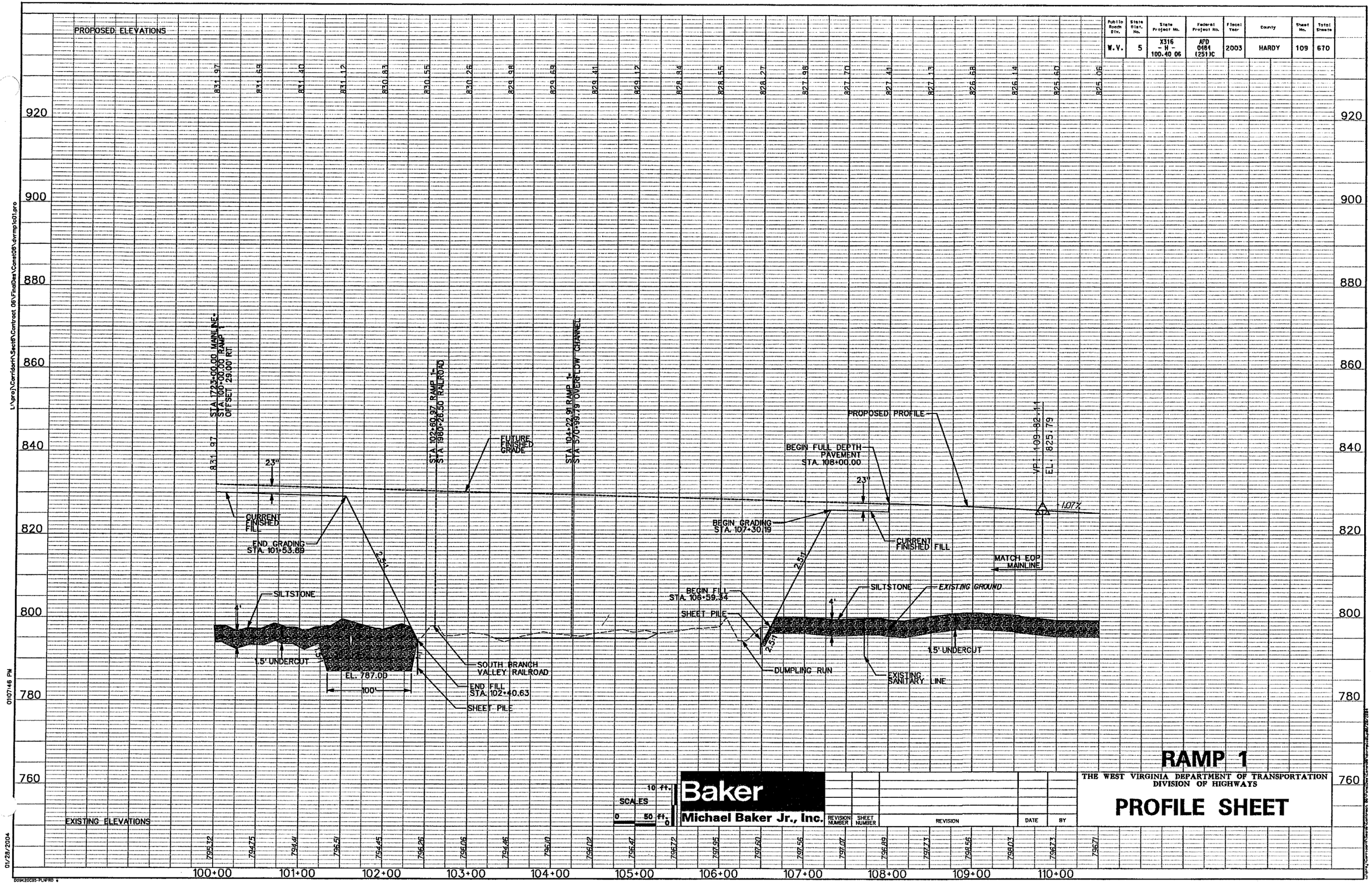
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	109	670



RAMP 1

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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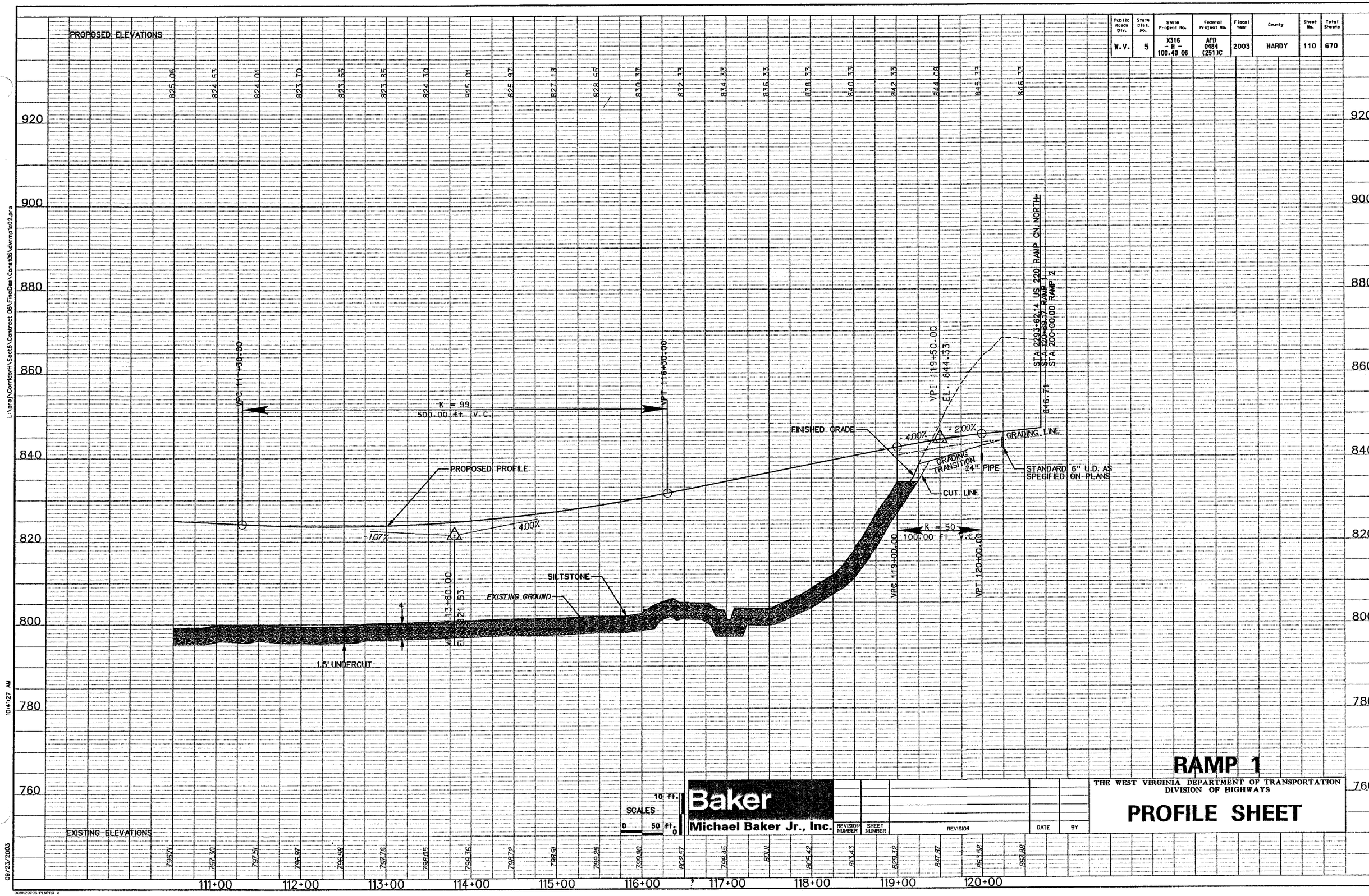
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	110	670



RAMP 1

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

SCALES 10 ft. 0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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09/23/2003

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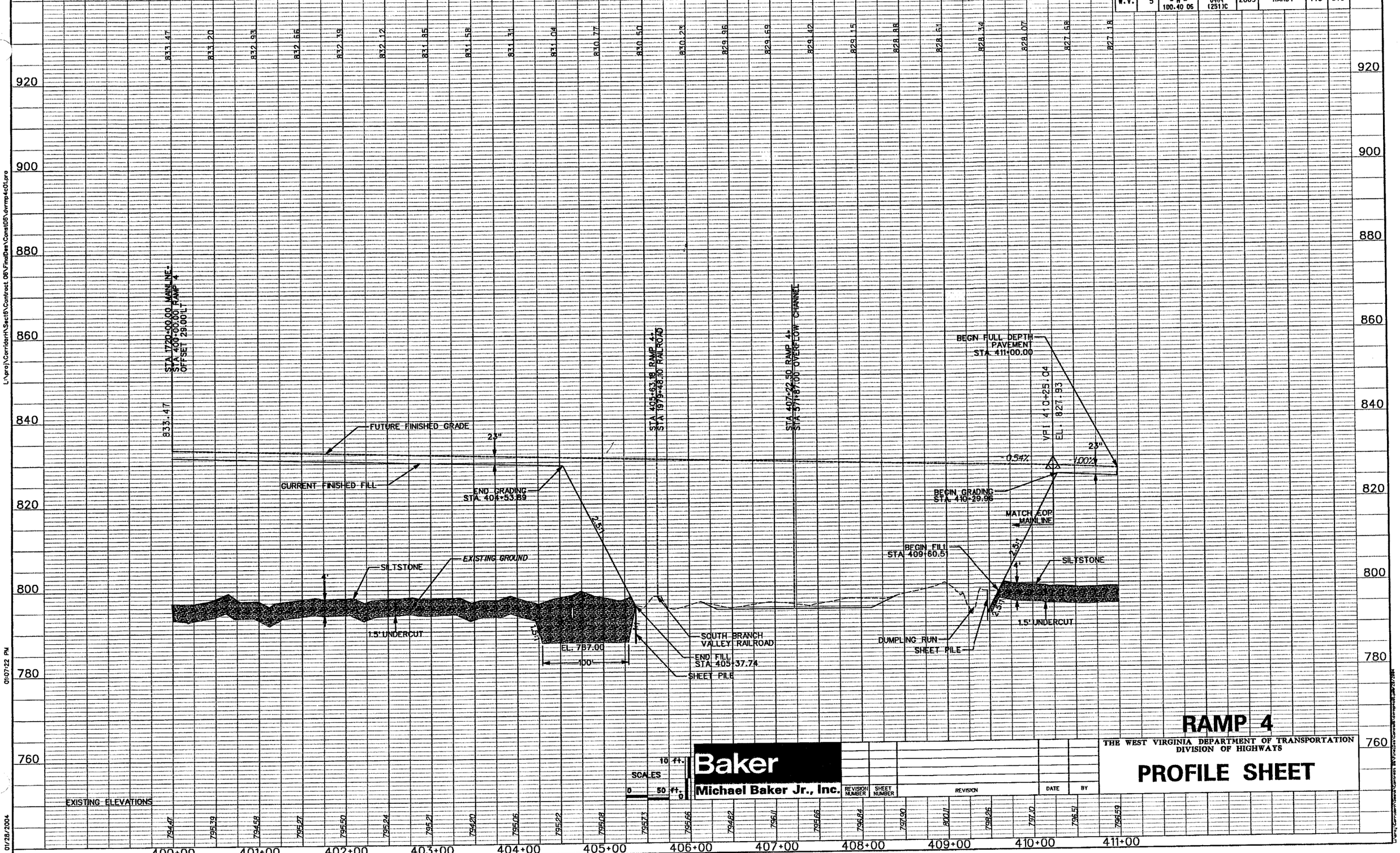
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	115	670



RAMP 4

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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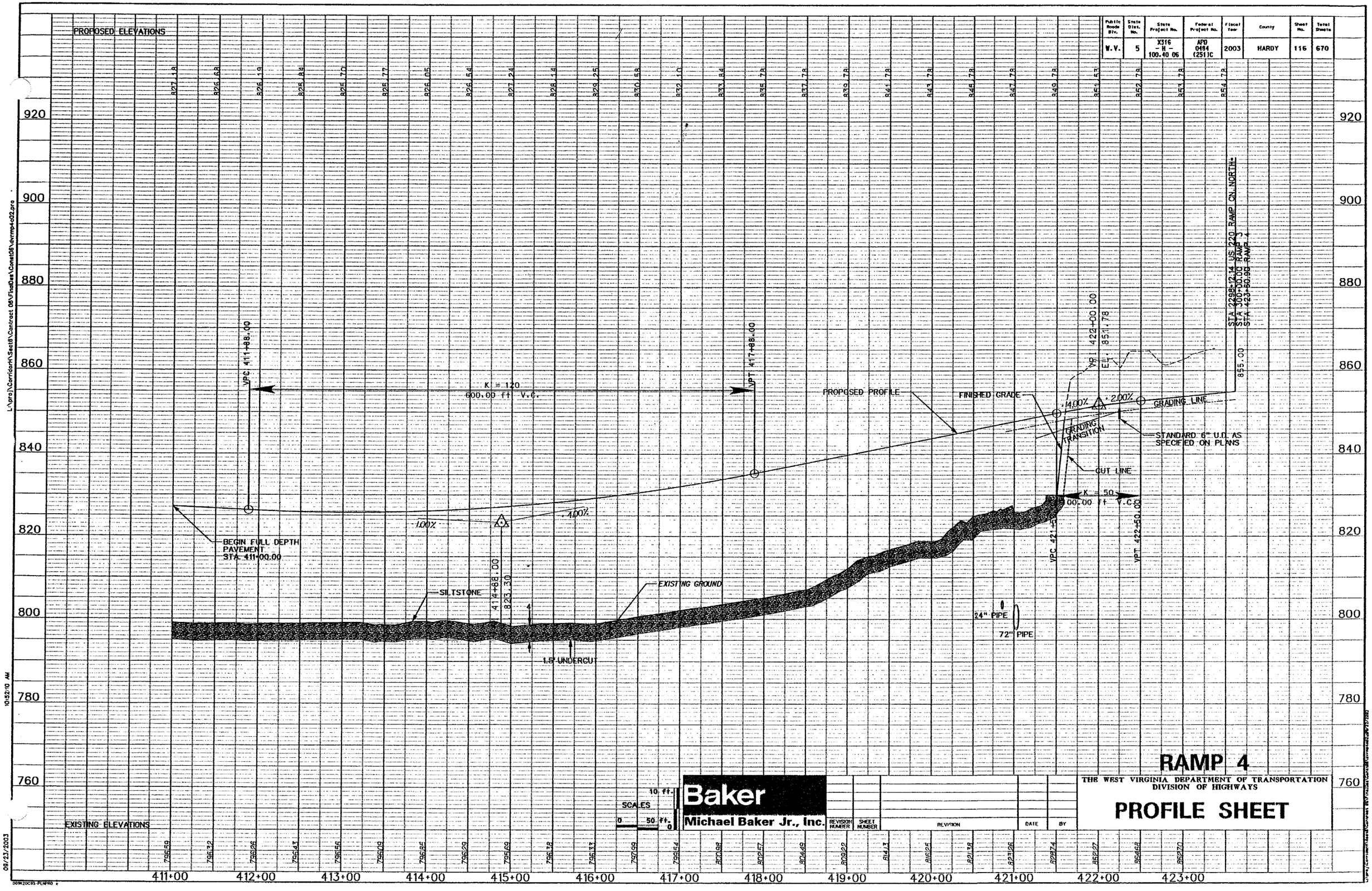
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	116	670



RAMP 4

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

SCALES 10 ft. 0 50 ft. 0

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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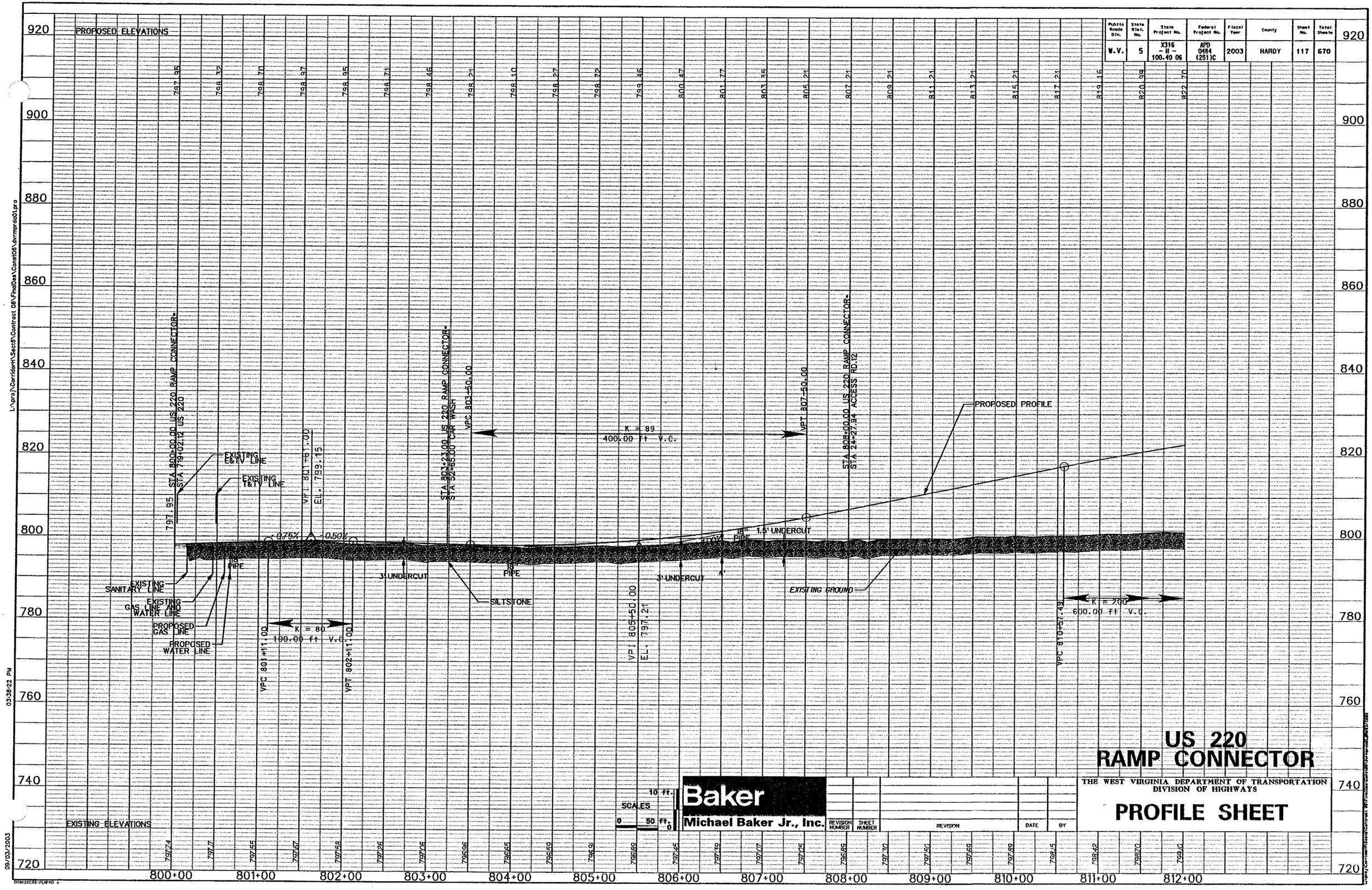

Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	117	670

US 220 RAMP CONNECTOR

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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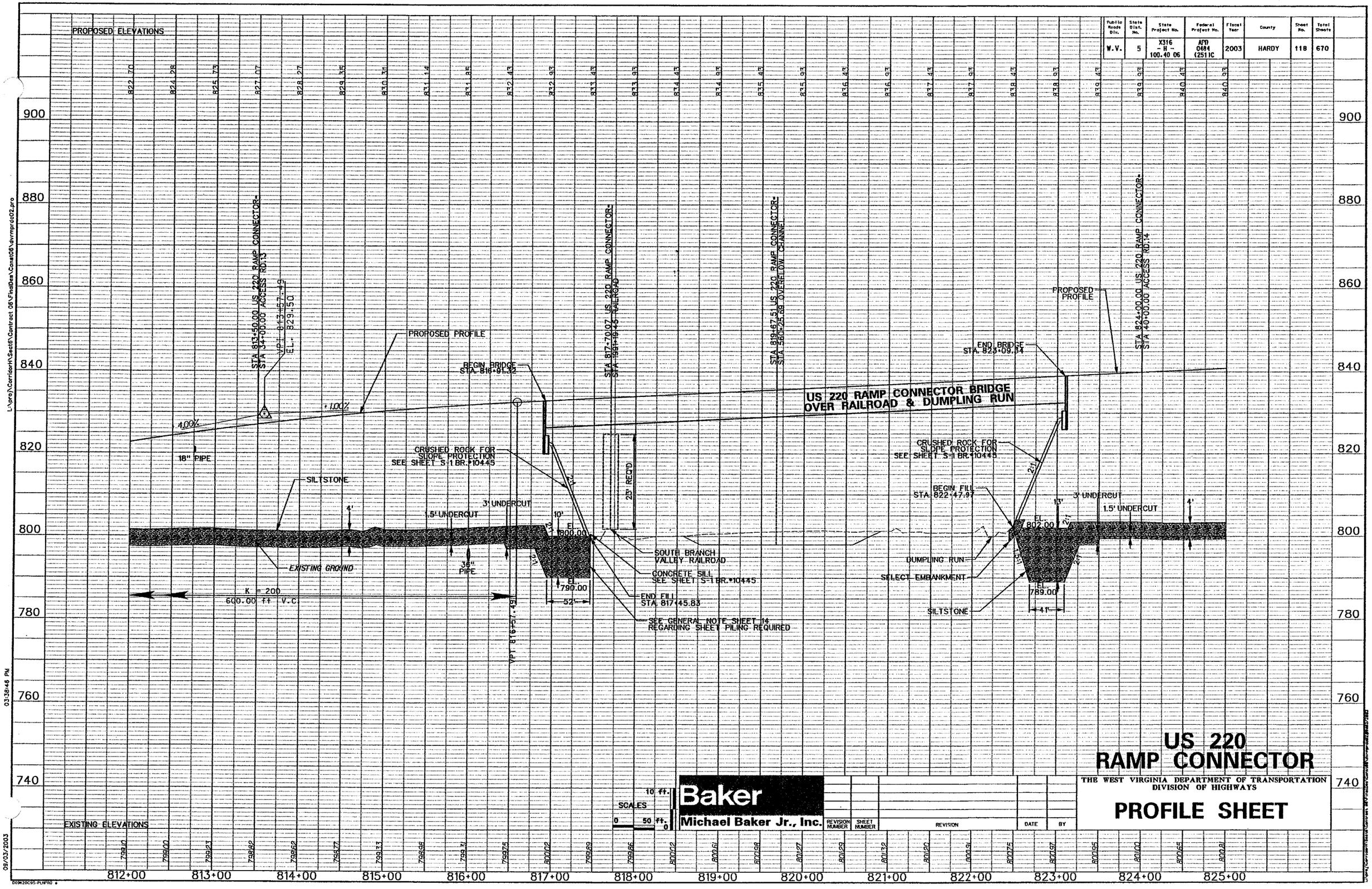
Public Roads Div.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V.	5	X316 - H - 100.40 06	APD 0484 (251)C	2003	HARDY	118	670



US 220 RAMP CONNECTOR

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROFILE SHEET

Baker
Michael Baker Jr., Inc.

REVISION NUMBER	SHEET NUMBER	REVISION	DATE	BY

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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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